

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/20/12129	
1.3 Title of PCN	L99DZ120 (UAM6): Activation of Additional EWS Location (ST Singapore)	
1.4 Product Category	L99DZ120, L99DZ120TR	
1.5 Issue date	2020-04-30	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	ROBERTSON HEATHER
2.1.2 Phone	+1 8475853058
2.1.3 Email	heather.robertson@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Vito GRAZIANO
2.1.2 Marketing Manager	Angelo MOTTESE
2.1.3 Quality Manager	Marcello Donato MENCHISE

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Transfer	Line transfer for a full process or process brick (process step, control plan, recipes) from one site to another site: Electrical wafer sort (SOP 2617)	ST Ang Mo Kio (Singapore) – Recipient Site

4. Description of change

	Old	New
4.1 Description	Agrate-EWS (Italy)	Agrate-EWS (Italy) and AMK-EWS (Singapore)
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	No Impact	

5. Reason / motivation for change

5.1 Motivation	Service and Capacity improvement. Second source policy
5.2 Customer Benefit	SERVICE IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Internal Traceability
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7. Timing / schedule

7.1 Date of qualification results	2020-04-24
7.2 Intended start of delivery	2020-06-30
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation

8.1 Description	12129 Validation.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2020-04-30

9. Attachments (additional documentations)

12129 Public product.pdf
12129 Validation.pdf
12129 Details .pdf

10. Affected parts		
10. 1 Current		10.2 New (if applicable)
10.1.1 Customer Part No	10.1.2 Supplier Part No	10.1.2 Supplier Part No
	L99DZ120TR	

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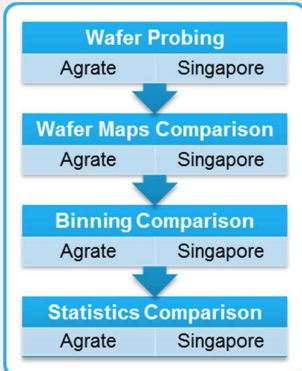
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PRODUCT/PROCESS CHANGE NOTIFICATION

SUBJECT **L99DZ120 (UAM6): Activation of Additional EWS Location (ST Singapore)**

IMPACTED PRODUCTS	ST Line UAM6 (die code SUAM6BDC):  L99DZ120  L99DZ120TR	
MANUFACTURING STEP	Electrical Wafer Sort (EWS)	
INVOLVED PLANT	ST Ang Mo Kio (Singapore) – Recipient Site	
CHANGE REASON	Service and Capacity improvement. Second source policy	
CHANGE DESCRIPTION	Activation of EWS step in ST Singapore Plant, as additional location with respect to current Agrate (Italy) site	
TRACEABILITY	Internal Traceability. Step tracked in ST production systems and available real time on demand	
VALIDATION	 <pre> graph TD subgraph "Wafer Probing" direction LR A1[Agrate] --- S1[Singapore] end subgraph "Wafer Maps Comparison" direction LR A2[Agrate] --- S2[Singapore] end subgraph "Binning Comparison" direction LR A3[Agrate] --- S3[Singapore] end subgraph "Statistics Comparison" direction LR A4[Agrate] --- S4[Singapore] end A1 --> A2 S1 --> S2 A2 --> A3 S2 --> S3 A3 --> A4 S3 --> S4 </pre>	Validation has been performed through a correlation exercise, as normally foreseen for EWS site transfer methodology. Apart from the physical location, test environment adopted in Singapore replicates the one currently running in ST Agrate site (software and hardware models). Qualification has been performed probing the same wafer, correlating wafer maps, binning and statistics, further to standard spike analysis.

	Full alignment has been verified at all validation steps. Activity has been completed positively and ST Singapore (Ang Mo Kio) test site can be released for production.
CURRENT PRODUCTS	Following EWS activation in ST Singapore Plant, ST Agrate line will be maintained (dual source policy – flexible manufacturing base)
REPORTS	See attached validation report:12129 Valiation.pdf



Public Products List

Public Products are off the shelf products. They are not dedicated to specific customers, they are available through ST Sales team, or Distributors, and visible on ST.com

PCN Title : L99DZ120 (UAM6): Activation of Additional EWS Location (ST Singapore)

PCN Reference : ADG/20/12129

Subject : Public Products List

Dear Customer,

Please find below the Standard Public Products List impacted by the change.

L99DZ120	L99DZ120TR	
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Acceptance Criteria:

Drift <5% -> Accepted

Drift > 5% -> Accepted with analysis and justification of the difference

Test	Name	Low Limit	units	High Limit	units	AGRATE DATA					AMK DATA					IGR [(AMK value- AGR value)/(USL-LSL)]*10%				Remarks	
						Mean	units	Sigma	units	Cp	Cpk	Mean	units	Sigma	units	Cp	Cpk	%	5%		15%
3002	OPT-OUT14	-900	mV		mV	-597.125	mV	3.02606	mV	n/a	33.36	-596.354	mV	2.97777	mV	n/a	33.99				
3003	OPT-OUT10	-900	mV		mV	-598.415	mV	4.52561	mV	n/a	22.21	-596.413	mV	2.99304	mV	n/a	33.81				
3004	OPT-OUT7	-900	mV		mV	-596.922	mV	2.84082	mV	n/a	35.56	-596.193	mV	2.79129	mV	n/a	36.28				
3005	OPT-OUT15	-900	mV		mV	-673.26	mV	3.21225	mV	n/a	23.53	-671.637	mV	3.04953	mV	n/a	24.96				
3006	OPT-V5_1	-900	mV		mV	-797.266	mV	1.89932	mV	n/a	18.03	-796.429	mV	1.77654	mV	n/a	19.43				
3007	OPT-LS150	-900	mV		mV	-756.477	mV	6.19538	mV	n/a	7.72	-755.56	mV	7.56544	mV	n/a	6.36				
3008	OPT-OUT12	-900	mV		mV	-597.358	mV	3.09603	mV	n/a	32.58	-596.769	mV	3.01244	mV	n/a	33.55				
3009	OPT-GHheater	-3.5	V		V	-3.00043	V	179.271	V	n/a	928.8	-3.00053	V	82.3203	V	n/a	2022.6				
3010	OPT-VSREG	-900	mV		mV	-571.543	mV	1.61122	mV	n/a	67.95	-571.305	mV	1.66544	mV	n/a	65.79				
3011	OPT-OUT3	-3.5	V		V	-3.00075	V	121.576	V	n/a	1369.3	-3.00067	V	125.165	V	n/a	1330.1				
3012	OPT-ECV	-3.5	V		V	-3.00040	V	879.898	V	n/a	1896.6	-3.00046	V	143.935	V	n/a	1156.8				
3013	OPT-Out1	-900	mV		mV	-615.199	mV	24.5931	mV	n/a	3.87	-612.89	mV	25.1815	mV	n/a	3.8				
3014	OPT-GL1	-900	mV		mV	-750.902	mV	31.6062	mV	n/a	1.57	-754.631	mV	33.2993	mV	n/a	1.46				
3015	OPT-OUT8	-900	mV		mV	-592.621	mV	3.2953	mV	n/a	31.09	-592.403	mV	3.33627	mV	n/a	30.73				
3016	OPT-OUT4	-900	mV		mV	-651.188	mV	19.9027	mV	n/a	4.17	-648.748	mV	21.3699	mV	n/a	3.92				
3017	OPT-SH2	-1000	mV		mV	-722.199	mV	5.5879	mV	n/a	16.57	-721.681	mV	5.63424	mV	n/a	16.47				
3018	OPT-GH1	-900	mV		mV	-789.313	mV	736.352	mV	n/a	50.11	-788.469	mV	696.726	mV	n/a	53.36				
3019	OPT-WU1	-900	mV		mV	-881.204	mV	3.32764	mV	n/a	31.93	-880.351	mV	3.40135	mV	n/a	31.33				
3020	OPT-DO	-900	mV		mV	-729.515	mV	12.6298	mV	n/a	4.5	-728.665	mV	13.7808	mV	n/a	4.14				
3021	OPT-CSN	-900	mV		mV	-878.838	mV	2.60191	mV	n/a	2.71	-877.735	mV	2.63381	mV	n/a	2.82				
3022	OPT-CP1P	-900	mV		mV	-837.819	mV	2.65456	mV	n/a	7.81	-838.172	mV	2.52156	mV	n/a	8.17				
3023	OPT-RxD_L	-900	mV		mV	-732.985	mV	13.7078	mV	n/a	4.06	-732.245	mV	14.0172	mV	n/a	3.99				
3024	OPT-RxD_O	-900	mV		mV	-735.619	mV	12.7334	mV	n/a	4.3	-736.771	mV	11.7672	mV	n/a	4.62				
3025	OPT-PWMH	-900	mV		mV	-876.81	mV	2.45856	mV	n/a	3.14	-877.908	mV	2.25226	mV	n/a	3.27				
3026	OPT-DIR2	-900	mV		mV	-877.376	mV	2.48301	mV	n/a	3.04	-877.567	mV	2.23144	mV	n/a	3.35				
3027	OPT-NINT	-900	mV		mV	-730.538	mV	13.9216	mV	n/a	4.06	-734.022	mV	13.1924	mV	n/a	4.19				
3028	OPT-CP2P	-900	mV		mV	-845.582	mV	2.79401	mV	n/a	6.49	-844.276	mV	2.53779	mV	n/a	7.32				
3029	OPT-OUT9	-900	mV		mV	-588.406	mV	2.31358	mV	n/a	44.89	-587.754	mV	2.34036	mV	n/a	44.47				
3030	OPT-OUT5	-900	mV		mV	-663.566	mV	1.94293	mV	n/a	40.56	-662.72	mV	1.99036	mV	n/a	39.74				
3031	OPT-CANSUP	-3.5	V		V	-3.0105	V	354.439	V	n/a	469.4	-3.00099	V	294.966	V	n/a	564				
3032	OPT-V5_2	-900	mV		mV	-566.777	mV	2.09054	mV	n/a	53.13	-565.994	mV	2.13921	mV	n/a	52.05				
3033	OPT-CP	-900	mV		mV	-532.269	mV	1.95343	mV	n/a	62.75	-532.343	mV	1.99236	mV	n/a	61.51				
3034	OPT-SHheater	-3500	mV		mV	-3000.63	mV	107.155	mV	n/a	1553.4	-3000.54	mV	190.728	mV	n/a	872.9				
3035	OPT-V5	-900	mV		mV	-628.88	mV	15.3522	mV	n/a	5.89	-627.373	mV	16.0346	mV	n/a	5.67				
3036	OPT-OUT5	-900	mV		mV	-628.802	mV	18.7502	mV	n/a	4.82	-629.07	mV	19.1874	mV	n/a	4.71				
3037	OPT-OUT6	-900	mV		mV	-641.181	mV	16.8165	mV	n/a	5.13	-641.484	mV	17.5908	mV	n/a	4.9				
3038	OPT-ECDR	-3.5	V		V	-3.00026	V	229.1	V	n/a	726.9	-3.00051	V	226.772	V	n/a	734.1				
3039	OPT-CM	-900	mV		mV	-863.092	mV	853.302	mV	n/a	14.42	-862.31	mV	763.053	mV	n/a	16.46				
3040	OPT-Out11	-900	mV		mV	-587.986	mV	2.36445	mV	n/a	43.99	-587.354	mV	2.36513	mV	n/a	44.06				
3041	OPT-GL2	-900	mV		mV	-663.875	mV	5.56711	mV	n/a	14.14	-663.577	mV	4.90772	mV	n/a	16.06				
3042	OPT-OUT13	-900	mV		mV	-587.301	mV	2.3571	mV	n/a	44.22	-587.031	mV	2.35733	mV	n/a	44.25				
3043	OPT-LS250	-900	mV		mV	-560.382	mV	2.69E+00	mV	n/a	42.04	-560.11	mV	2.82E+00	mV	n/a	40.18				
3044	OPT-SH1	-1000	mV		mV	-714.269	mV	5.25E+00	mV	n/a	18.13	-713.632	mV	5.35E+00	mV	n/a	17.86				
3045	OPT-GH2	-900	mV		mV	-786.844	mV	5.14E+02	mV	n/a	73.36	-786.004	mV	5.56E+02	mV	n/a	68.36				
3046	OPT-OUT2	-3.5	V		V	-3.00074	V	1.20E+02	V	n/a	1390.8	-3.00067	V	1.21E+02	V	n/a	1372.8				
3047	OPT-CP2M	-900	mV		mV	-596.011	mV	2.94E+00	mV	n/a	34.49	-595.745	mV	2.91E+00	mV	n/a	34.91				
3048	OPT-CP1M	-900	mV		mV	-596.489	mV	2.90E+00	mV	n/a	34.93	-595.74	mV	3.02E+00	mV	n/a	33.6				
3049	OPT-CLK	-900	mV		mV	-870.832	mV	1.83E+00	mV	n/a	5.31	-867.363	mV	1.93E+00	mV	n/a	5.64				
3050	OPT-DI	-900	mV		mV	-870.415	mV	1.84E+00	mV	n/a	5.35	-868.34	mV	1.92E+00	mV	n/a	5.5				
3051	OPT-TxD_L	-900	mV		mV	-595.285	mV	3.27E+00	mV	n/a	31.11	-593.948	mV	3.16E+00	mV	n/a	32.28				
3052	OPT-TxD_C	-900	mV		mV	-594.978	mV	3.22E+00	mV	n/a	31.58	-594.282	mV	3.12E+00	mV	n/a	32.61				
3053	OPT-DIR1	-900	mV		mV	-869.203	mV	2.50E+00	mV	n/a	4.1	-869.181	mV	1.62E+00	mV	n/a	6.35				
3054	OPT-DIRH	-900	mV		mV	-870.401	mV	1.89E+00	mV	n/a	5.22	-867.906	mV	1.47E+00	mV	n/a	7.25				
3055	OPT-NRESET	-900	mV		mV	-775.604	mV	1.75E+01	mV	n/a	2.37	-771.37	mV	1.54E+01	mV	n/a	2.79				
3056	OPT-DEBUG	-900	mV		mV	-595.777	mV	2.94E+00	mV	n/a	34.55	-593.944	mV	2.86E+00	mV	n/a	35.68				
3057	OPT-Out1_F	-900	mV		mV	-464.673	mV	3.50E+00	mV	n/a	41.41	-465.31	mV	3.73E+00	mV	n/a	38.88				
3058	OPT-OUT13_F	-900	mV		mV	-583.545	mV	2.24E+00	mV	n/a	47.07	-583.233	mV	2.24E+00	mV	n/a	47.2				
3059	OPT-OUT6_F	-900	mV		mV	-621.196	mV	1.64E+01	mV	n/a	5.66	-615.637	mV	2.07E+01	mV	n/a	4.58				
3060	OPT-OUT14_F	-900	mV		mV	-583.762	mV	2.30E+00	mV	n/a	45.83	-583.434	mV	2.33E+00	mV	n/a	45.3				
3061	OPT-V5_1_F	-900	mV		mV	-689.44	mV	3.49E+00	mV	n/a	20.11	-688.962	mV	3.48E+00	mV	n/a	20.23				
3062	OPT-V5_2_F	-900	mV		mV	-563.567	mV	1.98E+00	mV	n/a	56.61	-562.744	mV	1.97E+00	mV	n/a	57.09				
3063	OPT-CANSUP_F	-3.5	V		V	-3.00011	V	3.59E+02	V	n/a	462.9	-3.001	V	3.07E+02	V	n/a	541.5				
3064	OPT-ECV_F	-3.5	V		V	-3.0005	V	1.25E+02	V	n/a	1330.1	-3.00042	V	2.05E+02	V	n/a	813.5				
3065	OPT-E																				

Test	Name	Low Limit	units	High Limit	units	AGRATE DATA					AMK DATA					ISR [(AMK value-AGR value)/(USL-LSL)]*100				Remarks		
						Mean	units	Sigma	units	Cp	Cpk	Mean	units	Sigma	units	Cp	Cpk	%	5%	15%	20%	
3080	OPT-OUT9_F	-900	mV		mV	-583.498	mV	3.900	mV	n/a	48.01	-583.498	mV	2.1928	mV	n/a		46.54				
3081	OPT-OUT5_F	-900	mV		mV	-530.173	mV	34.9759	mV	n/a	3.52	-540.388	mV	47.9969	mV	n/a	2.5					
3082	OPT-OUT12_F	-900	mV		mV	-583.661	mV	2.35E+00	mV	n/a	44.9	-583.357	mV	2.37E+00	mV	n/a	44.57					
3083	OPT-V518_F	-900	mV		mV	-737.405	mV	3.09E+01	mV	n/a	1.75	-737.698	mV	3.91E+01	mV	n/a	1.38					
3084	OPT-Out2_S	-3.5	V		V	-3.00061	V	1.35E+00	V	n/a	123.7	-3.00082	V	1.10E+00	V	n/a	151.5					
3085	OPT-OUT9_S	-900	mV		mV	-600.968	mV	2.28E+00	mV	n/a	43.7	-600.665	mV	2.28E+00	mV	n/a	43.71					
3086	OPT-OUT5_S	-900	mV		mV	-546.275	mV	3.02E+01	mV	n/a	3.91	-555.117	mV	3.95E+01	mV	n/a	2.91					
3087	OPT-OUT12_S	-900	mV		mV	-601.257	mV	2.44E+00	mV	n/a	40.85	-600.755	mV	2.31E+00	mV	n/a	43.12					
3088	OPT-V518_S	-900	mV		mV	-719.075	mV	3.68E+01	mV	n/a	1.64	-718.695	mV	4.31E+01	mV	n/a	1.4					
3089	OPT-Out4_F	-900	mV		mV	-458.852	mV	1.02E+01	mV	n/a	14.41	-461.036	mV	1.93E+01	mV	n/a	7.57					
3090	OPT-OUT11_F	-900	mV		mV	-584.319	mV	2.24E+00	mV	n/a	47.02	-584.044	mV	2.36E+00	mV	n/a	44.54					
3091	OPT-OUTHS_F	-900	mV		mV	-660.111	mV	1.94997	mV	n/a	41.01	-659.88	mV	1.98928	mV	n/a	40.24					
3092	OPT-OUT10_F	-900	mV		mV	-584.543	mV	2.26529	mV	n/a	46.42	-584.132	mV	2.26205	mV	n/a	46.55					
3093	OPT-V530_F	-900	mV		mV	-725.689	mV	33.2973	mV	n/a	1.74	-719.941	mV	51.4885	mV	n/a	1.17					
3094	OPT-Out4_S	-900	mV		mV	-483.74	mV	10.2403	mV	n/a	13.55	-482.865	mV	16.7795	mV	n/a	8.29					
3095	OPT-OUT11_S	-900	mV		mV	-601.795	mV	2.35458	mV	n/a	42.22	-601.472	mV	2.36901	mV	n/a	42					
3096	OPT-OUTHS_S	-900	mV		mV	-747.647	mV	2.37529	mV	n/a	21.38	-746.97	mV	2.09638	mV	n/a	24.33					
3097	OPT-OUT10_S	-900	mV		mV	-602.13	mV	2.39135	mV	n/a	41.52	-601.585	mV	2.31536	mV	n/a	42.96					
3098	OPT-V530_S	-900	mV		mV	-699.183	mV	38.2663	mV	n/a	1.75	-695.159	mV	50.9806	mV	n/a	1.34					
3099	OPT-Out4bis_F	-900	mV		mV	-455.158	mV	12.3619	mV	n/a	11.99	-461.559	mV	21.6563	mV	n/a	6.75					
3100	OPT-OUTLS1_F	-900	mV		mV	-581.679	mV	9.39436	mV	n/a	11.29	-580.381	mV	9.74264	mV	n/a	10.94					
3101	OPT-OUT3_F	-3.5	V		V	-3.00045	V	1.34004	V	n/a	124.3	-3.00036	V	983.807	V	n/a	176.5					
3102	OPT-OUTLS2_F	-900	mV		mV	-636.695	mV	6.28256	mV	n/a	10.6	-640.441	mV	6.02541	mV	n/a	14.36					
3103	OPT-V53_F	-900	mV		mV	-739.381	mV	29.0602	mV	n/a	1.84	-742.491	mV	33.3005	mV	n/a	1.58					
3103	OPT-Out4bis_S	-900	mV		mV	-492.711	mV	10.208	mV	n/a	13.3	-494.578	mV	21.9618	mV	n/a	6.15					
3104	OPT-OUTLS1_S	-900	mV		mV	-598.689	mV	9.56149	mV	n/a	10.5	-597.639	mV	9.71312	mV	n/a	10.38					
3105	OPT-OUT3_S	-3.5	V		V	-3.0004	V	1.52932	V	n/a	108.9	-3.00034	V	1.08547	V	n/a	153.4					
3106	OPT-OUTLS2_S	-900	mV		mV	-647.79	mV	8.73243	mV	n/a	9.63	-651.464	mV	6.2786	mV	n/a	13.19					
3107	OPT-V53_S	-900	mV		mV	-744.931	mV	2.74741	mV	n/a	1.89	-747.29	mV	32.9485	mV	n/a	1.54					
3107	OPT-OUT7_F	-900	mV		mV	-587.554	mV	2.16592	mV	n/a	48.09	-586.793	mV	2.39311	mV	n/a	43.63					
3108	OPT-OUT15_F	-900	mV		mV	-659.383	mV	2.30861	mV	n/a	34.74	-659.181	mV	2.29296	mV	n/a	35.01					
3109	OPT-OUT8_F	-900	mV		mV	-582.898	mV	2.64262	mV	n/a	40	-582.62	mV	2.63395	mV	n/a	40.17					
3122	OPT-V56_F	-900	mV		mV	-705.023	mV	35.4987	mV	n/a	1.83	-702.033	mV	44.1493	mV	n/a	1.49					
3110	OPT-OUT7_S	-900	mV		mV	-604.642	mV	2.27668	mV	n/a	43.24	-604.195	mV	2.53381	mV	n/a	38.91					
3111	OPT-OUT15_S	-900	mV		mV	-746.817	mV	4.72828	mV	n/a	10.8	-746.559	mV	4.81352	mV	n/a	10.63					
3112	OPT-OUT8_S	-900	mV		mV	-600.391	mV	2.58549	mV	n/a	38.69	-600.092	mV	2.55E+00	mV	n/a	39.19					
3123	OPT-V56_S	-900	mV		mV	-710.594	mV	13.6583	mV	n/a	1.87	-707.846	mV	42.6608	mV	n/a	1.5					
3113	OPT-OUTHSbis_F	-900	mV		mV	-448.783	mV	1.10E+01	mV	n/a	13.72	-452.24	mV	1.44E+01	mV	n/a	10.37					
3124	OPT-VSALL_F	-900	mV		mV	-712.53	mV	2.48E+01	mV	n/a	2.52	-710.029	mV	2.92E+01	mV	n/a	2.17					
3114	OPT-OUTHSbis_S	-900	mV		mV	-485.585	mV	9.82E+00	mV	n/a	14.07	-488.421	mV	1.36E+01	mV	n/a	10.07					
3125	OPT-VSALL_S	-900	mV		mV	-717.44	mV	2.43E+01	mV	n/a	2.5	-715.019	mV	2.88E+01	mV	n/a	2.14					
3126	OPT-V538_F	-900	mV		mV	-707.003	mV	36.559	mV	n/a	1.76	-700.609	mV	50.9862	mV	n/a	1.3					
3127	OPT-OUT1_B_F	-900	mV		mV	-536	mV	14.7636	mV	n/a	8.22	-529.247	mV	27.454	mV	n/a	4.5					
3128	OPT-OUT5_A_F	-900	mV		mV	-479.459	mV	11.3159	mV	n/a	12.39	-480.499	mV	17.2527	mV	n/a	8.11					
3129	OPT-V53C_F	-900	mV		mV	-708.522	mV	38.8089	mV	n/a	1.64	-702.225	mV	53.0067	mV	n/a	1.24					
31270	OPT-OUT4_A_F	-900	mV		mV	-469.376	mV	3.05489	mV	n/a	46.99	-468.092	mV	3.81604	mV	n/a	37.73					
31271	OPT-OUT5_B_F	-900	mV		mV	-478.88	mV	11.153	mV	n/a	12.59	-479.626	mV	15.9792	mV	n/a	8.77					
31272	OPT-V53D_F	-900	mV		mV	-702.483	mV	4.11E+01	mV	n/a	1.6	-696.922	mV	5.51E+01	mV	n/a	1.23					
31273	OPT-OUT4_B_F	-900	mV		mV	-469.628	mV	3.06E+00	mV	n/a	46.89	-468.087	mV	3.67E+00	mV	n/a	39.27					
31274	OPT-OUT6_B_F	-900	mV		mV	-511.161	mV	8.51E+00	mV	n/a	15.22	-511.858	mV	1.93E+01	mV	n/a	6.72					
31275	OPT-V53A_F	-900	mV		mV	-680	mV	4.76E+01	mV	n/a	1.54	-674.171	mV	6.49E+01	mV	n/a	1.16					
31276	OPT-OUT7_B_F	-900	mV		mV	-609.151	mV	2.22E+00	mV	n/a	43.7	-609.295	mV	2.12E+00	mV	n/a	45.67					
31277	OPT-V54B_F	-900	mV		mV	-688.018	mV	3.87E+01	mV	n/a	1.83	-683.52	mV	5.14E+01	mV	n/a	1.4					
31278	OPT-V54C_F	-900	mV		mV	-681.895	mV	4.06E+01	mV	n/a	1.79	-679.712	mV	5.14E+01	mV	n/a	1.43					
31279	OPT-V54D_F	-900	mV		mV	-677.499	mV	4.19E+01	mV	n/a	1.77	-677.08	mV	5.13E+01	mV	n/a	1.45					
31280	OPT-V54A_F	-900	mV		mV	-674.543	mV	4.23E+01	mV	n/a	1.78	-675.129	mV	5.11E+01	mV	n/a	1.47					
31281	OPT-V55B_F	-900	mV		mV	-698.992	mV	3.20E+01	mV	n/a	2.1	-696.059	mV	4.20E+01	mV	n/a	1.62					
31282	OPT-V55C_F	-900	mV		mV	-695.743	mV	3.45E+01	mV	n/a	1.97	-693.829	mV	4.35E+01	mV	n/a	1.58					
31115	OPT-PGND_F	-900	mV		mV	-840.286	mV	2.39E+01	mV	n/a	0.8332	-834.021	mV	1.80E+01	mV	n/a	1.22					
31116	OPT-PGND1_F	-900	mV		mV	-758.772	mV	4.15E+01	mV	n/a	1.13	-745.733	mV	4.43E+01	mV	n/a	1.16					
31117	OPT-PGND2_F	-900	mV		mV	-1176.41	mV	4.31E+01	mV	n/a	14.12	-1149.84	mV	5.17E+01	mV	n/a	11.93					
31118	OPT-PGND3_F	-3.5	V		V	-1.60362	V	4.93E+01	V	n/a	12.83	-1.56501	V	6.57E+01	V	n/a	9.82					
31119	OPT-PGND4_F	-1200	mV		mV	-772.129	mV	4.94E+01	mV	n/a	2.89	-750.153	mV	4.71E+01	mV	n/a	3.19					
31120	OPT-PGND5_F	-1200	mV		mV	-813.787	mV	3.86E+01	mV	n/a	3.33	-806.878	mV	4.80E+01	mV	n/a	2.73					
31283	OPT-PGND5D_F	-1200	mV		mV	-806.678	mV	4.59E+01	mV	n/a	2.86	-803.536	mV	4.87E+01	mV	n/a	2.72					
31284	OPT-PGND5C_F	-1200	mV		mV	-804.965	mV	4.65E+01	mV	n/a	2.83	-801.812	mV	5.00E+01	mV	n/a	2.66					
31285	OPT-PGND5B_F	-1200	mV		mV	-801.95	mV	4.85E+01	mV	n/a	2.73	-800.67	mV	5.03E+01	mV	n/a	2.64					
31286	OPT-PGND4D_F	-1200	mV		mV	-795.258	mV	4.57E+01	mV	n/a	2.95	-773.621	mV	4.84E+01	mV	n/a	2.94					
31287	OPT-PGND4C_F	-1200	mV		mV	-793.953	mV	4.70E+01	mV	n/a	2.88	-770.959	mV	4.67E+01	mV	n/a	3.06					
31288	OPT-PG																					

		Low Limit	units	High Limit	units	AGRATE DATA						AMK DATA						ISR [(AMK value- AGR value)/(USL-LSU)]*100				Remarks
Test	Name					Mean	units	Sigma	units	Cp	Cpk	Mean	units	Sigma	units	Cp	Cpk	%	5%	15%	20%	
3131	SHT-OUT7		mV	-300	mV	-596.922	mV	2.84E+00	mV	n/a	34.84	-596.193	mV	2.79E+00	mV	n/a	35.37					
3132	SHT-OUT15		mV	-300	mV	-673.26	mV	3.21E+00	mV	n/a	38.73	-671.637	mV	3.05E+00	mV	n/a	40.62					
3133	SHT-V5_1		mV	-300	mV	-797.266	mV	1.90E+00	mV	n/a	87.27	-796.429	mV	1.78E+00	mV	n/a	93.15					
3134	SHT-LS250		mV	-300	mV	-756.477	mV	6.20E+00	mV	n/a	24.56	-755.56	mV	7.57E+00	mV	n/a	20.07					
3135	SHT-OUT12		mV	-300	mV	-597.358	mV	3.10E+00	mV	n/a	32.01	-596.769	mV	3.01E+00	mV	n/a	32.84					
3136	SHT-GHheater		V	-2.8	V	-3.00043	V	1.79E+02	V	n/a	372.7	-3.00053	V	8.23E+01	V	n/a	811.9					
3137	SHT-VSREG		mV	-300	mV	-571.543	mV	1.61E+00	mV	n/a	56.18	-571.305	mV	1.67E+00	mV	n/a	54.3					
3138	SHT-OUT3		V	-2.8	V	-3.00075	V	1.22E+02	V	n/a	550	-3.00067	V	1.25E+02	V	n/a	534.1					
3139	SHT-ECV		V	-2.8	V	-3.00049	V	8.78E+01	V	n/a	761.3	-3.00046	V	1.44E+02	V	n/a	464.3					
3140	SHT-OUT1		mV	-300	mV	-615.199	mV	2.45E+01	mV	n/a	4.29	-612.89	mV	2.52E+01	mV	n/a	4.14					
3141	SHT-GL1		mV	-300	mV	-750.902	mV	3.56E+01	mV	n/a	4.76	-754.631	mV	3.33E+01	mV	n/a	4.55					
3142	SHT-OUT8		mV	-300	mV	-592.621	mV	3.30E+00	mV	n/a	29.6	-592.403	mV	3.34E+00	mV	n/a	29.21					
3143	SHT-OUT4		mV	-300	mV	-651.188	mV	1.99E+01	mV	n/a	5.88	-648.748	mV	2.14E+01	mV	n/a	5.44					
3144	SHT-SH2		mV	-100	mV	-722.199	mV	5.59E+00	mV	n/a	37.12	-721.681	mV	5.63E+00	mV	n/a	36.78					
3145	SHT-GH1		mV	-300	mV	-789.313	mV	7.36E+02	mV	n/a	221.5	-788.469	mV	6.97E+02	mV	n/a	233.7					
3146	SHT-WU1		mV	-300	mV	-581.204	mV	3.33E+00	mV	n/a	28.17	-580.351	mV	3.40E+00	mV	n/a	27.47					
3147	SHT-DO		mV	-300	mV	-729.515	mV	1.26E+01	mV	n/a	11.34	-728.665	mV	1.38E+01	mV	n/a	10.37					
3148	SHT-CSN		mV	-300	mV	-878.838	mV	2.60E+00	mV	n/a	74.16	-877.735	mV	2.63E+00	mV	n/a	73.12					
3149	SHT-CP1P		mV	-300	mV	-837.819	mV	2.65E+00	mV	n/a	67.53	-838.172	mV	2.52E+00	mV	n/a	71.14					
3150	SHT-RdD_L		mV	-300	mV	-732.985	mV	1.37E+01	mV	n/a	10.53	-732.245	mV	1.40E+01	mV	n/a	10.28					
3151	SHT-RdD_C		mV	-300	mV	-735.619	mV	1.27E+01	mV	n/a	11.4	-736.771	mV	1.18E+01	mV	n/a	12.37					
3152	SHT-PWMH		mV	-300	mV	-876.81	mV	2.46E+00	mV	n/a	78.2	-877.908	mV	2.25E+00	mV	n/a	85.53					
3153	SHT-DIR2		mV	-300	mV	-877.376	mV	2.48E+00	mV	n/a	77.51	-877.567	mV	2.23E+00	mV	n/a	86.28					
3154	SHT-NINT		mV	-300	mV	-730.538	mV	1.39E+01	mV	n/a	10.31	-734.022	mV	1.32E+01	mV	n/a	10.97					
3155	SHT-CP2P		mV	-300	mV	-845.582	mV	2.79E+00	mV	n/a	65.09	-844.276	mV	2.54E+00	mV	n/a	71.49					
3156	SHT-OUT9		mV	-300	mV	-588.406	mV	2.81E+00	mV	n/a	41.55	-587.754	mV	2.34E+00	mV	n/a	40.98					
3157	SHT-OUT5		mV	-300	mV	-663.566	mV	1.94E+00	mV	n/a	62.37	-662.72	mV	1.99E+00	mV	n/a	60.75					
3158	SHT-CANSUP		V	-2.8	V	-3.00105	V	3.54E+02	V	n/a	188.9	-3.00099	V	2.95E+02	V	n/a	227					
3159	SHT-V5_2		mV	-300	mV	-566.777	mV	2.09E+00	mV	n/a	42.54	-565.594	mV	2.14E+00	mV	n/a	41.45					
3160	SHT-CP		mV	-300	mV	-532.269	mV	1.95E+00	mV	n/a	39.63	-532.343	mV	1.99E+00	mV	n/a	38.87					
3161	SHT-SHheater		V	-2.8	V	-3.00088	V	1.07E+02	V	n/a	624.1	-3.00058	V	1.91E+02	V	n/a	350.5					
3162	SHT-V5		mV	-300	mV	-628.88	mV	1.54E+00	mV	n/a	7.14	-627.373	mV	1.60E+01	mV	n/a	6.81					
3163	SHT-OUT5		mV	-300	mV	-628.802	mV	1.88E+01	mV	n/a	5.85	-629.07	mV	1.92E+01	mV	n/a	5.72					
3164	SHT-OUT6		mV	-300	mV	-641.181	mV	1.68E+01	mV	n/a	6.76	-641.484	mV	1.76E+01	mV	n/a	6.47					
3165	SHT-ECDR		V	-2.8	V	-3.00026	V	2.29E+02	V	n/a	291.6	-3.00051	V	2.27E+02	V	n/a	294.8					
3166	SHT-CM		mV	-300	mV	-863.092	mV	8.53E+02	mV	n/a	220	-862.31	mV	7.63E+02	mV	n/a	245.6					
3167	SHT-OUT11		mV	-300	mV	-587.986	mV	2.36E+00	mV	n/a	40.6	-587.354	mV	2.37E+00	mV	n/a	40.5					
3168	SHT-GL2		mV	-300	mV	-663.875	mV	5.57E+00	mV	n/a	21.79	-663.577	mV	4.91E+00	mV	n/a	24.69					
3169	SHT-OUT13		mV	-300	mV	-587.301	mV	2.36E+00	mV	n/a	40.63	-587.031	mV	2.36E+00	mV	n/a	40.59					
3170	SHT-LS250		mV	-300	mV	-560.382	mV	2.69E+00	mV	n/a	32.23	-560.11	mV	2.82E+00	mV	n/a	30.75					
3171	SHT-SH1		mV	-100	mV	-714.269	mV	5.25E+00	mV	n/a	38.98	-713.632	mV	5.35E+00	mV	n/a	38.26					
3172	SHT-GH2		mV	-300	mV	-786.844	mV	5.14E+02	mV	n/a	315.6	-786.004	mV	5.56E+02	mV	n/a	291.4					
3173	SHT-OUT2		V	-2.8	V	-3.00074	V	1.20E+02	V	n/a	558.6	-3.00067	V	1.21E+02	V	n/a	551.2					
3174	SHT-CP2M		mV	-300	mV	-596.011	mV	2.94E+00	mV	n/a	33.59	-595.745	mV	2.91E+00	mV	n/a	33.93					
3175	SHT-CP1M		mV	-300	mV	-596.489	mV	2.90E+00	mV	n/a	34.13	-595.74	mV	3.02E+00	mV	n/a	32.66					
3176	SHT-CLK		mV	-300	mV	-870.832	mV	1.83E+00	mV	n/a	104	-867.363	mV	1.93E+00	mV	n/a	98.11					
3177	SHT-DI		mV	-300	mV	-870.415	mV	1.84E+00	mV	n/a	103.1	-868.34	mV	1.92E+00	mV	n/a	98.74					
3178	SHT-TxD_L		mV	-300	mV	-595.285	mV	3.27E+00	mV	n/a	30.15	-593.948	mV	3.16E+00	mV	n/a	31					
3179	SHT-TxD_C		mV	-300	mV	-594.978	mV	3.22E+00	mV	n/a	30.54	-594.282	mV	3.12E+00	mV	n/a	31.39					
3180	SHT-DIR1		mV	-300	mV	-869.203	mV	2.50E+00	mV	n/a	75.76	-869.181	mV	1.62E+00	mV	n/a	117.3					
3181	SHT-DIRH		mV	-300	mV	-870.401	mV	1.89E+00	mV	n/a	100.5	-867.906	mV	1.47E+00	mV	n/a	128.4					
3182	SHT-NRESET		mV	-300	mV	-775.604	mV	1.75E+01	mV	n/a	9.05	-771.37	mV	1.54E+01	mV	n/a	10.21					
3183	SHT-DEBUG		mV	-300	mV	-595.777	mV	2.94E+00	mV	n/a	33.59	-593.944	mV	2.86E+00	mV	n/a	34.27					
3184	SHT-OUT1_F		mV	-300	mV	-464.673	mV	3.50E+00	mV	n/a	15.67	-465.31	mV	3.73E+00	mV	n/a	14.78					
3185	SHT-OUT13_F		mV	-300	mV	-583.545	mV	2.24E+00	mV	n/a	42.17	-583.233	mV	2.24E+00	mV	n/a	42.2					
3186	SHT-OUT6_F		mV	-300	mV	-621.196	mV	1.64E+01	mV	n/a	6.52	-615.637	mV	2.07E+01	mV	n/a	5.08					
3187	SHT-OUT14_F		mV	-300	mV	-583.762	mV	2.30E+00	mV	n/a	41.13	-583.434	mV	2.33E+00	mV	n/a	40.56					
3188	SHT-V5_1_F		mV	-300	mV	-689.44	mV	3.49E+00	mV	n/a	37.2	-688.962	mV	3.48E+00	mV	n/a	37.28					
3189	SHT-V5_2_F		mV	-300	mV	-663.567	mV	1.98E+00	mV	n/a	44.35	-662.744	mV	1.97E+00	mV	n/a	44.47					
3190	SHT-CANSUP_F		V	-2.8	V	-3.00101	V	3.59E+02	V	n/a	186.3	-3.001	V	3.07E+02	V	n/a	218					
3191	SHT-ECV_F		V</																			

Test	Name	Low Limit	units	High Limit	units	AGRATE DATA						AMK DATA						ISR [(AMK value- AGR value)/(USL-LSU)]*100					Remarks
						Mean	units	Sigma	units	Cp	Cpk	Mean	units	Sigma	units	Cp	Cpk	%	5%	15%	20%		
3213	SHT-OUT5_S		mV	-300	mV	-546.275	mV	30.1787	mV	n/a	2.72	-555.117	mV	39.4605	mV	n/a	2.16						
3214	SHT-OUT12_S		mV	-300	mV	-601.257	mV	2.43783	mV	n/a	41.19	-600.755	mV	2.31309	mV	n/a	43.34						
3215	SHT-VS18_S		mV	-300	mV	-719.073	mV	36.8011	mV	n/a	3.8	-718.695	mV	43.0633	mV	n/a	3.24						
3216	SHT-OUT4_F		mV	-300	mV	-458.852	mV	10.2018	mV	n/a	5.19	-461.036	mV	19.3411	mV	n/a	2.78						
3217	SHT-OUT11_F		mV	-300	mV	-584.319	mV	2.23785	mV	n/a	42.35	-584.044	mV	2.36462	mV	n/a	40.04						
3218	SHT-OUTH5_F		mV	-300	mV	-660.111	mV	1.94997	mV	n/a	61.56	-659.88	mV	1.98928	mV	n/a	60.3						
3219	SHT-OUT10_F		mV	-300	mV	-584.543	mV	2.26529	mV	n/a	41.87	-584.132	mV	2.26205	mV	n/a	41.87						
3220	SHT-VS30_F		mV	-300	mV	-725.689	mV	33.2973	mV	n/a	4.26	-719.941	mV	51.4885	mV	n/a	2.72						
3221	SHT-OUT4_S		mV	-300	mV	-483.74	mV	10.2403	mV	n/a	5.98	-482.865	mV	16.7795	mV	n/a	3.63						
3222	SHT-OUT11_S		mV	-300	mV	-601.795	mV	2.35458	mV	n/a	42.72	-601.472	mV	2.36901	mV	n/a	42.42						
3223	SHT-OUTH5_S		mV	-300	mV	-747.647	mV	2.37529	mV	n/a	62.82	-746.97	mV	2.09638	mV	n/a	71.07						
3224	SHT-OUT10_S		mV	-300	mV	-602.13	mV	2.39135	mV	n/a	42.11	-601.585	mV	2.31536	mV	n/a	43.42						
3225	SHT-VS30_S		mV	-300	mV	-699.183	mV	38.2663	mV	n/a	3.48	-695.159	mV	50.9806	mV	n/a	2.58						
3226	SHT-OUTbis_F		mV	-300	mV	-455.158	mV	12.3619	mV	n/a	4.18	-461.559	mV	21.6563	mV	n/a	2.49						
3227	SHT-OUTLS1_F		mV	-150	mV	-581.679	mV	9.39436	mV	n/a	15.32	-580.381	mV	9.74264	mV	n/a	14.73						
3228	SHT-OUT3_F		V	-2.8	V	-3.00046	V	1.34001	V	n/a	49.86	-3.00036	V	943.007	V	n/a	70.83						
3229	SHT-OUTLS2_F		mV	-300	mV	-636.695	mV	8.28256	mV	n/a	13.55	-640.441	mV	6.02541	mV	n/a	18.83						
3291	SHT-VS3_F		mV	-150	mV	-739.381	mV	29.0602	mV	n/a	6.76	-742.491	mV	33.3005	mV	n/a	5.93						
3230	SHT-OUTbis_S		mV	-300	mV	-492.711	mV	10.208	mV	n/a	6.29	-494.578	mV	21.9618	mV	n/a	2.95						
3231	SHT-OUTLS1_S		mV	-150	mV	-598.689	mV	9.56149	mV	n/a	15.64	-597.639	mV	9.71312	mV	n/a	15.36						
3232	SHT-OUT3_S		V	-2.8	V	-3.0004	V	1.52932	V	n/a	43.67	-3.00034	V	1.08547	V	n/a	61.53						
3233	SHT-OUTLS2_S		mV	-300	mV	-647.79	mV	8.73243	mV	n/a	13.28	-651.464	mV	6.2786	mV	n/a	18.66						
3292	SHT-VS3_S		mV	-150	mV	-744.931	mV	27.3741	mV	n/a	7.24	-747.29	mV	32.9485	mV	n/a	6.04						
3234	SHT-OUT7_F		mV	-300	mV	-587.554	mV	2.16592	mV	n/a	44.25	-586.793	mV	2.39311	mV	n/a	39.95						
3235	SHT-OUT15_F		mV	-300	mV	-659.383	mV	2.30861	mV	n/a	51.89	-659.181	mV	2.29296	mV	n/a	52.22						
3236	SHT-OUT8_F		mV	-300	mV	-582.898	mV	2.64262	mV	n/a	35.68	-582.62	mV	2.63395	mV	n/a	35.77						
3293	SHT-VS6_F		mV	-150	mV	-705.023	mV	35.4987	mV	n/a	5.21	-702.033	mV	44.1493	mV	n/a	4.17						
3237	SHT-OUT7_S		mV	-300	mV	-604.642	mV	2.28E+00	mV	n/a	44.6	-604.195	mV	2.53E+00	mV	n/a	40.02						
3238	SHT-OUT15_S		mV	-300	mV	-746.817	mV	4.73E+00	mV	n/a	31.5	-746.559	mV	4.81E+00	mV	n/a	30.92						
3239	SHT-OUT8_S		mV	-300	mV	-600.391	mV	2.58147	mV	n/a	38.79	-600.092	mV	2.55084	mV	n/a	39.21						
3294	SHT-VS6_S		mV	-150	mV	-710.594	mV	33.6853	mV	n/a	5.55	-707.846	mV	42.6608	mV	n/a	4.36						
3240	SHT-OUTSbis_F		mV	-300	mV	-448.783	mV	10.9602	mV	n/a	4.52	-452.24	mV	14.3888	mV	n/a	3.53						
3295	SHT-VSALL_F		mV	-150	mV	-712.53	mV	24.7596	mV	n/a	7.57	-710.029	mV	29.1832	mV	n/a	6.4						
3241	SHT-OUTSbis_S		mV	-300	mV	-485.585	mV	9.82E+00	mV	n/a	6.3	-488.421	mV	1.36E+01	mV	n/a	4.61						
3296	SHT-VSALL_S		mV	-150	mV	-717.44	mV	24.3001	mV	n/a	7.78	-715.019	mV	28.7825	mV	n/a	6.54						
3297	SHT-VS3B_F		mV	-150	mV	-707.003	mV	3.66E+01	mV	n/a	5.08	-700.609	mV	5.10E+01	mV	n/a	3.6						
3298	SHT-OUT1_B_F		mV	-150	mV	-536	mV	14.7636	mV	n/a	8.72	-529.247	mV	27.454	mV	n/a	4.6						
3299	SHT-OUT5_A_F		mV	-150	mV	-479.404	mV	1.13E+01	mV	n/a	9.7	-480.499	mV	1.73E+01	mV	n/a	6.39						
3300	SHT-VS3C_F		mV	-150	mV	-708.522	mV	3.88E+01	mV	n/a	4.8	-702.225	mV	5.30E+01	mV	n/a	3.47						
3301	SHT-OUT4_A_F		mV	-150	mV	-469.376	mV	3.05E+00	mV	n/a	34.85	-468.092	mV	3.82E+00	mV	n/a	27.79						
3302	SHT-OUT5_B_F		mV	-150	mV	-478.88	mV	1.12E+01	mV	n/a	9.83	-479.626	mV	1.60E+01	mV	n/a	6.88						
3303	SHT-VS3D_F		mV	-150	mV	-702.483	mV	4.11E+01	mV	n/a	4.48	-696.922	mV	5.51E+01	mV	n/a	3.31						
3304	SHT-OUT4_B_F		mV	-150	mV	-469.628	mV	3.06E+00	mV	n/a	34.82	-468.087	mV	3.67E+00	mV	n/a	28.92						
3305	SHT-OUT6_F		mV	-150	mV	-511.161	mV	8.51E+00	mV	n/a	14.14	-511.858	mV	1.93E+01	mV	n/a	6.26						
3306	SHT-VS3A_F		mV	-150	mV	-680	mV	4.76E+01	mV	n/a	3.71	-674.173	mV	6.49E+01	mV	n/a	2.69						
3307	SHT-OUT7_F		mV	-150	mV	-609.151	mV	2.22E+00	mV	n/a	68.99	-609.295	mV	2.12E+00	mV	n/a	72.15						
3308	SHT-VS4B_F		mV	-150	mV	-688.018	mV	3.87E+01	mV	n/a	4.64	-683.52	mV	5.14E+01	mV	n/a	3.46						
3309	SHT-VS4C_F		mV	-150	mV	-681.895	mV	4.06E+01	mV	n/a	4.37	-679.712	mV	5.14E+01	mV	n/a	3.43						
3310	SHT-VS4D_F		mV	-150	mV	-677.499	mV	4.19E+01	mV	n/a	4.2	-677.08	mV	5.13E+01	mV	n/a	3.42						
3311	SHT-VS4A_F		mV	-150	mV	-674.543	mV	4.23E+01	mV	n/a	4.13	-675.129	mV	5.11E+01	mV	n/a	3.43						
3312	SHT-VS5B_F		mV	-150	mV	-698.992	mV	3.20E+01	mV	n/a	5.72	-696.059	mV	4.20E+01	mV	n/a	4.34						
3313	SHT-VSSC_F		mV	-150	mV	-695.743	mV	3.45E+01	mV	n/a	5.27	-693.829	mV	4.35E+01	mV	n/a	4.17						
3242	SHT-PGND_F		mV	-300	mV	-840.286	mV	2.39E+01	mV	n/a	7.54	-834.021	mV	1.80E+01	mV	n/a	9.91						
3243	SHT-PGND1_F		mV	-300	mV	-758.772	mV	4.15E+01	mV	n/a	3.68	-745.733	mV	4.43E+01	mV	n/a	3.36						
3244	SHT-PGND2_F		mV	-300	mV	-1176.41	mV	4.31E+01	mV	n/a	6.79	-1149.84	mV	5.17E+01	mV	n/a	5.48						
3245	SHT-PGND3_F		mV	-300	mV	-1603.62	mV	4.93E+01	mV	n/a	8.82	-1565.01	mV	6.57E+01	mV	n/a	6.42						
3246	SHT-PGND4_F		mV	-300	mV	-772.129	mV	4.94E+01	mV	n/a	3.19	-750.153	mV	4.71E+01	mV	n/a	3.19						
3247	SHT-PGND5_F		mV	-300	mV	-813.787	mV	3.86E+01	mV	n/a	4.43	-806.978	mV	4.80E+01	mV	n/a	3.52						
3314	SHT-PGND5D_F		mV	-150	mV	-806.678	mV	45.9111	mV	n/a	4.77</												

Test	Name	Low Limit	units	High Limit	units	AGRATE DATA					AMK DATA					ISR (AMK value-AGR value)/(USL-LSL)*100					Remarks	
						Mean	units	Sigma	units	Cp	Cpk	Mean	units	Sigma	units	Cp	Cpk	%	5%	15%	20%	
3360	NOS_VOUT5_P	100	mV	1000	mV	655.3272	mV	5.81	3.24	581.3372	mV	41.3370	mV	5.83	3.24	581.3372	mV	5.83	3.24	0.05%		
3361	NOS_VOUT8_P	100	mV	1000	mV	749.2669	mV	25.8224	mV	5.81	3.24	755.4639	mV	28.0628	mV	5.83	3.24	0.05%				
3362	NOS_VOUT10_P	100	mV	1000	mV	770.6337	mV	17.4199	mV	8.61	4.39	772.775	mV	19.9595	mV	7.52	3.8	0.18%				
3363	NOS_VOUT12_P	100	mV	1000	mV	795.5883	mV	16.3718	mV	9.16	4.16	796.0172	mV	14.6844	mV	10.21	4.63	0.05%				
3364	NOS_VOUT14_P	100	mV	1000	mV	779.1463	mV	17.7776	mV	8.44	4.14	774.8398	mV	21.8491	mV	6.87	3.44	0.48%				
3365	NOS_VOUTHS_P	100	mV	1000	mV	649.7716	mV	2.8301	mV	52.99	41.24	648.2881	mV	1.81206	mV	82.78	64.7	0.16%				
3256	CONT_nbOpen					0		0		n/a	n/a	0		0		n/a	n/a					
3257	CONT_nbShort					0		0		n/a	n/a	0		0		n/a	n/a					
3258	CONT_openUnit	0		0		0		0		n/a	n/a	0		0		n/a	n/a					
3259	CONT_shortUnit	0		0		0		0		n/a	n/a	0		0		n/a	n/a					
2100	Device_Num					789.0197		451.137		n/a	n/a	762.8492		439.851		n/a	n/a					
2101	Device_Temp	-60	degC	170	degC	-56.9067	degC	3.51937	degC	10.89	0.293	-56.0042	degC	3.59732	degC	10.66	0.3703	0.39%				
40000	PwrUp_ALARM_init	0		0		0		0		n/a	n/a	0		0		n/a	n/a					
40001	4_2_Vsreg_absmin_init	-100	mV	500	mV	-5.59907	mV	1.3585	mV	73.61	23.16	-6.16755	mV	1.77065	mV	56.48	17.66	0.09%				
40002	CompanyCode_M1_init	0	H	0	H	0		0		n/a	n/a	0		0		n/a	n/a					
40003	DeviceFamily_M1_init	65.536	KH	65.536	KH	65.536	KH	0		KH	n/a	65.536	KH	0		KH	n/a					Device family info.
40004	Device1_M1_init	5.571	MH	5.571	MH	5.571	MH	0		MH	n/a	5.571	MH	0		MH	n/a					Device family info.
40005	Device2_M1_init	4.26	MH	4.26	MH	4.26	MH	0		MH	n/a	4.26	MH	0		MH	n/a					Device family info.
40006	Device3_M1_init	5.046	MH	5.046	MH	5.046	MH	0		MH	n/a	5.046	MH	0		MH	n/a					Device family info.
40007	Device4_M1_init	393.216	KH	393.216	KH	393.216	KH	0		KH	n/a	393.216	KH	0		KH	n/a					Device family info.
40008	Device5_M1_init	0	H	0	H	0		0		H	n/a	0		0		H	n/a					Device family info.
40009	SiliconVersion_M1_init	2.228	MH	2.228	MH	2.228	MH	0		MH	n/a	2.228	MH	0		MH	n/a					Device family info.
40010	SPMode_M1_init	11.534	MH	11.534	MH	11.534	MH	0		MH	n/a	11.534	MH	0		MH	n/a					Device family info.
40011	WD1_M1_init	2.621	MH	2.621	MH	2.621	MH	0		MH	n/a	2.621	MH	0		MH	n/a					Device family info.
40012	WD2_M1_init	9.503	MH	9.503	MH	9.503	MH	0		MH	n/a	9.503	MH	0		MH	n/a					Device family info.
40013	WDbit1_M1_init	4.26	MH	4.26	MH	4.26	MH	0		MH	n/a	4.26	MH	0		MH	n/a					Device family info.
40014	WDbit2_M1_init	12.583	MH	12.583	MH	12.583	MH	0		MH	n/a	12.583	MH	0		MH	n/a					Device family info.
40015	WDbit3_M1_init	8.323	MH	8.323	MH	8.323	MH	0		MH	n/a	8.323	MH	0		MH	n/a					Device family info.
40016	WDbit4_M1_init	12.583	MH	12.583	MH	12.583	MH	0		MH	n/a	12.583	MH	0		MH	n/a					Device family info.
40017	SPI_CPATest_M1_init	5.571	MH	5.571	MH	5.571	MH	0		MH	n/a	5.571	MH	0		MH	n/a					Device family info.
40018	GSBoptions_M1_init	0	H	0	H	0		0		H	n/a	0		0		H	n/a					Device family info.
40019	CPstart_M1_init	23	V	25.5	V	24.4074	V	77.3937	V	5.38	4.71	24.3428	V	59.9567	V	6.95	6.43	2.58%				
40020	V5_1start_M1_init	4.5	V	5.5	V	5.021773	V	20.9526	V	7.95	7.61	5.008748	V	5.48268	V	30.4	29.87	1.30%				
40021	TestProgram_Version_init	132		132		132		0		n/a	n/a	132		0		n/a	n/a					
40022	V5_2start_M2_init	4.5	V	5.5	V	5.164649	V	25.2775	V	6.59	4.42	5.094701	V	11.0814	V	15.04	12.19	6.99%	x			Trimming test, wafer trimmed in AGR.
40023	V5_current_M2_init	3	mA	4.638803	mA	293.582	mA	5.11	1.86	6.076036	mA	74.2251	mA	20.21	13.81	35.97%	x	x	x		Trimming test, wafer trimmed in AGR.	
40024	V5REG_current_M2_init	10	mA	3.145872	mA	202.487	mA	6.58	1.89	4.183277	mA	42.3238	mA	31.5	17.2	60.83%	x				Trimming test, wafer trimmed in AGR.	
40025	LIN_current_M2_init	-600	uA	-100	uA	-6.22	uA	12.19	7.95	-263.462	uA	6.88805	uA	12.1	7.91	0.10%						
40026	INIT_virgin_M2	0		1		0.034459		0.182468		0.9134	0.0629	1		0		n/a	n/a	96.15%	x	x	x	Trimming test, wafer trimmed in AGR.
40027	INIT_burnEWSold_M2	0		1		0.034459		0.182468		0.9134	0.0629	1		0		n/a	n/a	96.15%	x	x	x	Trimming test, wafer trimmed in AGR.
40028	INIT_burnEWSamb_M2	0		1		0		0.00E+00		n/a	n/a	0		0.00E+00		n/a	n/a	0.00%				
40029	INIT_burnEWSnot_M2	0		1		0		0.00E+00		n/a	n/a	0		0.00E+00		n/a	n/a	0.00%				
40030	INIT_burnFcold_M2	0		1		0		0.00E+00		n/a	n/a	0		0.00E+00		n/a	n/a	0.00%				
40031	INIT_burnFamb_M2	0		1		0		0.00E+00		n/a	n/a	0		0.00E+00		n/a	n/a	0.00%				
40032	INIT_burnFhot_M2	0		1		0		0.00E+00		n/a	n/a	0		0.00E+00		n/a	n/a	0.00%				
40033	INIT_OTP_unusedTcode_UAM6	0		127		0		0.00E+00		n/a	n/a	0		0.00E+00		n/a	n/a	0.00%				
40034	INIT_OTP_HF_Ton_M2	0		3		0.103376		5.47E-01		0.9134	0.0629	3		0.00E+00		n/a	n/a	96.15%	x	x	x	Trimming test, wafer trimmed in AGR.
40035	INIT_OTP_IREF_M2	0		15		0.067511		3.77E-01		6.64	0.0598	2.147265		5.98E-01		4.18	1.2	13.87%	x			Trimming test, wafer trimmed in AGR.
40036	INIT_OTP_V2_M2	0		7		0.168776		0.897841		1.3	0.0627	4.786115		0.486855		2.4	1.52	85.96%	x	x	x	Trimming test, wafer trimmed in AGR.
40037	INIT_OTP_DiePosx_M2	0		256		3.817862		30.0159		1.42	0.0424	121.6802		120.679		0.3536	0.3361	46.04%	x	x	x	Trimming test, wafer trimmed in AGR.
40038	INIT_OTP_DiePosy_M2	0		256		5.315049		35.367		1.21	0.0501	126.4432		116.743		0.3655	0.361	47.37%	x	x	x	Trimming test, wafer trimmed in AGR.
40039	INIT_OTP_OSC_2MHz_M2	0		15		0.321378		1.70484		1.47	0.0628	9.446003		0.690965		3.62	2.68	60.83%	x	x	x	Trimming test, wafer trimmed in AGR.
40040	INIT_OTP_ADC_2V_M2	0		7		0.163854		0.876153		1.33	0.0623	4.859748		0.74266		1.57	0.9606	67.68%	x	x	x	Trimming test, wafer trimmed in AGR.
40041	INIT_OTP_Stby_dis_M2	0		1		0.034459		0.182468		0.9134	0.0629	1		0		n/a	n/a	96.15%	x	x	x	Trimming test, wafer trimmed in AGR.
40042	INIT_OTP_V1_M2	0		7		0.034459		0.182468		6.39	0.0629	0.961431		0.206693		5.64	1.55	13.24%	x			Trimming test, wafer trimmed in AGR.
40043	INIT_OTP_unusedCAN_UAM6	0		3		0		0		n/a	n/a	0		0		n/a	n/a	0.00%				
40044	INIT_OTP_Lo_Pow_M2	0		1		0.034459		0.182468		0.9134	0.0629	1		0		n/a	n/a	96.15%	x	x	x	Trimming test, wafer trimmed in AGR.
40045	INIT_OTP_H5_Ton_M2	0		3		0		0		n/a	n/a	0		0		n/a	n/a	0.00%				
40046	INIT_OTP_VBG_M2	0		15		0.100563		0.686975		3.64	0.0488	3.145161		2.97745		0.8396	0.3521	20.32%	x	x	x	Trimming test, wafer trimmed in AGR.
40047	INIT_OTP_OSC_32MHz_M2	0		63		1.304501		7.16357		1.47	0.0607	34.1101		12.0491		0.8714	0.7992	32.07%	x	x	x	Trimming test, wafer trimmed in AGR.
40048	INIT_OTP_waferNb_M2	0		31		0.344585		1.82468		2.83	0.0629	10		0		n/a	n/a	31.15%	x	x	x	Trimming test, wafer trimmed in AGR.
40049	INIT_OTP_unusedSWU_dis_UA	0		1		0		0		n/a	n/a	0		0		n/a	n/a	0.00%				
40050	OUT7_M3_init	11.85	V	12.15	V	11.99441	V	1.53444	V	32.59	31.36	11.99582	V	1.25573	V	39.82	38.71	0.47%				
40051	OUT9_M3_init	11.85	V	12.15	V	11.99129	V	2.20547	V	22.67	21.35	11.99127	V	1.91452	V	26.12	24.59	0.01%				
40052	OUT11_M3_init	11.85	V	12.15	V	11.99039	V	1.91638	V	26.09	24.42	11.99039	V	1.54809	V	43.33	40.55	0.08%				
40053	OUT13_M3_init	11.85	V	12.15	V	11.99058	V	1.66369	V	30.05	28.16	11.99144	V	732.64	V	68.25	64.36	0.23%				
40054	OUT15_M3_init	11.85	V	12.15	V	11.99499	V	1.43774	V	34.78	33.62	11.99592	V	1.56134	V	32.02	31.15	0.31%				
40055	OUT1hs_M3_init	11.85	V	12.15	V	11.99846	V	1.05286	V	47.49	46.99	11.99773	V	613.882	V	81.45	80.21	0.34%				
40056	OUT4hs_M3_init	11.85	V	12.15	V	11.99695	V	657.717	V	76.02	74.5	11.99711	V	442.843	V	112.9	110.7	0.05%				
40057	OUT8_M3_init	11.85	V	12.15	V	11.99439	V	1.50406	V	33.24	31.99	11.99578	V	1.29295	V	38.67	3					

Test	Name	Low Limit	units	High Limit	units	AGRATE DATA					AMK DATA					ISR (AMK value-AGR value)/(USL-LSL)*100				Remarks		
						Mean	units	Sigma	units	Cp	Cpk	Mean	units	Sigma	units	Cp	Cpk	%	5%	15%	20%	
40070	VintD_M1_init	2.7	V	3.65	V	3.287066	V	18.3681	V	8.62	6.59	3.289283	V	18.0156	V	8.79	6.67	0.25%				
40071	VintD_FS_M1_init	2.7	V	3.65	V	3.287066	V	18.3681	V	8.62	6.59	3.289283	V	18.0156	V	8.79	6.67	0.25%				
40072	VintA_M1_init	2.7	V	3.65	V	3.309944	V	21.155	V	6.3	4.51	3.295939	V	22.0213	V	7.19	5.36	1.47%				
40073	VintA_FS_M1_init	2.7	V	3.65	V	3.310764	V	18.3778	V	8.45	6.03	3.313239	V	18.4083	V	8.6	6.1	0.26%				
40074	IIDDQ_DO_M3_init	0		0		0		n/a	n/a	n/a	n/a	0		0		n/a	n/a					
40075	IIDDQ_NINT_M3_init	0		0		0		n/a	n/a	n/a	n/a	0		0		n/a	n/a					
40076	IIDDQ_NRESET_M3_init	0		0		0		n/a	n/a	n/a	n/a	0		0		n/a	n/a					
40077	IIDDQ_InoC_M3_init	0		0		0		n/a	n/a	n/a	n/a	0		0		n/a	n/a					
40078	IIDDQ_SCANSTATUS_M3_init	0		0		0		n/a	n/a	n/a	n/a	0		0		n/a	n/a					
40079	IIDDQ_SCANVecCount_M3_init	130272		130272		130272		0		n/a	n/a	130272		0		n/a	n/a					
4000	Leak_ALARM	0		0		0		n/a	n/a	n/a	n/a	0		0		n/a	n/a					
4005	24_34_IBUS1nVBAT18V_M1	-10	uA	30	uA	15.6151	uA	439.749	uA	15.16	10.9	15.61047	uA	443.164	uA	15.04	10.82	0.01%				
4006	24_34_IBUS0nVBAT0V_M1	-10	uA	30	uA	0.062239	uA	15.814	uA	421.6	212.1	0.038504	uA	11.2963	uA	590.2	296.2	0.06%				
4007	24_33_IBUS1nGND18V_M1	-1	mA	1	mA	0.000736	mA	166.916	mA	1997	1995.7	0.000184	mA	96.8857	mA	3440.5	3439.1	0.03%				
4008	24_33_IBUS0nGND0V_M1	-1	mA	1	mA	-0.35029	mA	3.1894	mA	36.43	23.67	-0.3509	mA	9.23434	mA	36.1	23.43	0.03%				
4068	PGMDoffsetError_M2	0		0		0		0		n/a	n/a	0		0		n/a	n/a					
4010	IIL_CLK_M2	-5	uA	5	uA	-0.74982	uA	547.401	uA	3.04	2.59	-0.1364	uA	283.692	uA	5.87	5.71	6.13%	x			Both AGR and AMK CPK>1.66, test distribution ok. Minor drift accepted
4011	IIL_DI_M2	-5	uA	5	uA	-0.68021	uA	538.653	uA	3.09	2.67	-0.11338	uA	300.576	uA	5.54	5.42	5.67%	x			Both AGR and AMK CPK>1.66, test distribution ok. Minor drift accepted
4012	IIL DIR1_M2	-5	uA	5	uA	-0.66843	uA	500.465	uA	3.33	2.89	-0.12772	uA	321.267	uA	5.19	5.06	5.41%	x			Both AGR and AMK CPK>1.66, test distribution ok. Minor drift accepted
4013	IIL DIR2_M2	-5	uA	5	uA	-0.70889	uA	522.38	uA	3.19	2.74	-0.16446	uA	285.915	uA	5.83	5.64	5.44%	x			Both AGR and AMK CPK>1.66, test distribution ok. Minor drift accepted
4014	IIL DIRH_M2	-5	uA	5	uA	-0.76699	uA	524.149	uA	3.18	2.69	-0.21442	uA	298.397	uA	5.59	5.35	5.13%	x			Both AGR and AMK CPK>1.66, test distribution ok. Minor drift accepted
4015	IIL PWMH_M2	-5	uA	5	uA	-0.76699	uA	524.149	uA	3.18	2.69	-0.21442	uA	298.397	uA	5.59	5.35	5.13%	x			Both AGR and AMK CPK>1.66, test distribution ok. Minor drift accepted
4017	IIL_TXD_C_M2	-350	uA	50	uA	-116.601	uA	996.874	uA	8.83	3.92	-116.166	uA	4.85339	uA	10.3	4.54	0.54%	x			Both AGR and AMK CPK>1.66, test distribution ok. Minor drift accepted
4018	IIL_TXD_L_M2	-350	uA	50	uA	-132.264	uA	3.93094	uA	12.72	6.98	-132.365	uA	3.85926	uA	12.96	7.11	0.03%				
4020	DEBUGPD_M2	-2	uA	2	uA	-0.11674	uA	212.718	uA	3.13	2.95	0.008597	uA	54.78	uA	12.17	12.12	3.13%				
4021	WU1PD_M2	-2	uA	2	uA	0.016388	uA	91.777	uA	7.26	7.2	0.024884	uA	121.878	uA	5.47	5.4	0.21%				
4022	IIL_CM_M2	-2	uA	2	uA	0.027225	uA	20.5243	uA	32.48	32.04	0.018084	uA	19.6514	uA	33.92	33.62	0.23%				
4025	IIL_LIN_PULLUP_M2	-600	uA	-50	uA	-262.997	uA	6.83985	uA	13.4	10.38	-263.514	uA	6.89393	uA	13.3	10.32	0.09%				
4030	25_15_IH_CLK_M3	5	uA	60	uA	12.54276	uA	1.06699	uA	8.59	2.36	13.36189	uA	799.638	uA	11.46	3.49	1.49%				
4031	25_15_IH_DI_M3	60	uA	60	uA	12.68399	uA	996.874	uA	9.2	2.57	13.5302	uA	799.849	uA	11.46	3.56	0.54%				
4032	27_4_IH DIR1_M3	5	uA	60	uA	12.94592	uA	1.07855	uA	8.5	2.46	13.7737	uA	839.001	uA	10.93	3.49	1.51%				
4033	27_4_IH DIR2_M3	5	uA	60	uA	13.03905	uA	1.05193	uA	8.71	2.55	13.77832	uA	896.528	uA	10.22	3.26	1.34%				
4034	27_4_IH DIRH_M3	5	uA	60	uA	12.74874	uA	1.06652	uA	8.59	2.42	13.67575	uA	824.102	uA	11.12	3.51	1.69%				
4035	27_4_IH PWMH_M3	5	uA	60	uA	12.96052	uA	1.0745	uA	8.53	2.47	13.79958	uA	826.636	uA	11.09	3.55	1.53%				
4037	IIL_TXD_C_M3	-2	uA	2	uA	0.008166	uA	9.1388	uA	72.83	72.53	0.007807	uA	12.8083	uA	52.05	51.85	0.01%				
4038	IIL_TXD_L_M3	-2	uA	2	uA	0.01197	uA	9.26758	uA	71.94	71.51	0.006773	uA	15.4652	uA	43.11	42.96	0.13%				
4039	CSNPU_M3	2	uA	2	uA	0.020585	uA	14.6658	uA	45.46	44.99	0.023107	uA	18.2625	uA	38.75	36.08	0.08%				
4040	DEBUGPD_M3	1.3	mA	4.1	mA	2.137762	mA	48.8344	mA	9.56	5.72	2.138727	mA	48.9515	mA	9.53	5.71	0.03%				
4041	WU1PD_M3	40	uA	150	uA	71.63559	uA	2.13442	uA	8.59	4.94	75.44961	uA	1.65131	uA	11.1	7.16	3.47%				
4042	IIL_CM_M3	-2	uA	2	uA	0.281787	uA	170.49	uA	3.91	3.36	0.186692	uA	172.364	uA	3.87	3.51	2.38%				
4044	IIL_LIN_PULLUP_M3	-20	uA	20	uA	1.047812	uA	34.063	uA	195.7	185.4	1.025534	uA	31.3684	uA	212.5	201.6	0.06%				
4051	28_4_DEBUGPD_M4	2.5	KOhms	7.5	KOhms	4.679975	KOhms	107.64	KOhms	7.74	6.75	4.678182	KOhms	107.8	KOhms	7.73	6.74	0.04%				
4053	22_6_WU1PD_M4	80	KOhms	300	KOhms	188.6655	KOhms	5.64931	KOhms	6.49	6.41	178.0728	KOhms	3.93931	KOhms	9.31	8.38	4.96%				
4056	24_37_LIN_PULLUP_M4	60	KOhms	60	KOhms	51.16252	KOhms	1.34024	KOhms	4.97	2.19	51.06737	KOhms	1.34824	KOhms	4.94	2.21	0.24%				
4061	14_5_RGS1H_M5	12	KOhms	20	KOhms	14.86098	KOhms	332.653	KOhms	6.01	2.87	14.87512	KOhms	339.311	KOhms	4	2.88	0.18%				
4062	14_5_RGS2H_M5	12	KOhms	20	KOhms	14.86486	KOhms	329.495	KOhms	4.05	2.9	14.88394	KOhms	330.668	KOhms	4.03	2.91	0.24%				
4063	14_10_RGS1H_M5	12	KOhms	20	KOhms	15.07389	KOhms	341.946	KOhms	3.9	3	15.09087	KOhms	337.688	KOhms	3.95	3.05	0.21%				
4064	14_10_RGS2H_M5	12	KOhms	20	KOhms	15.08504	KOhms	342.477	KOhms	3.89	3	15.10266	KOhms	338.412	KOhms	3.94	3.06	0.22%				
4066	21_1_VoutMaxLSO1	0.01	V	2.5	V	1.402272	V	125.111	V	3.32	2.92	1.40636	V	128.409	V	3.23	2.84	0.16%				
4067	21_1_VoutMaxLSO2	0.01	V	2.5	V	1.387638	V	151.947	V	2.73	2.44	1.389801	V	148.869	V	2.79	2.49	0.09%				
5000	Clamps_ALARM	0		0		0		n/a	n/a	n/a	n/a	0		0		n/a	n/a					
5004	N_AMR_SH1_M1	-9.5	V	-6	V	-7.9911	V	3.76454	V	155	133.6	-7.99426	V	3.94139	V	148	127.3	0.05%				
5005	N_AMR_SH2_M1	-9.5	V	-6	V	-7.98749	V	3.78277	V	154.2	133.3	-7.99032	V	3.94347	V	147.9	127.6	0.08%				
5006	P_AMR_GL1_M2	12	V	16	V	13.13287	V	46.5999	V	14.31	8.1	13.12852	V	46.3931	V	14.37	8.11	0.11%				
5007	P_AMR_GL2_M2	12	V	16	V	13.14446	V	46.3649	V	14.38	8.23	13.13809	V	46.0383	V	14.48	8.24	0.16%				
5008	P_AMR_GH1_M2	12	V	16	V	14.0677	V	9.6481	V	69.1	66.76	14.07616	V	9.74995	V	68.38	65.77	0.21%				
5009	P_AMR_GH2_M2	12	V	16	V	14.07079	V	13.2972	V	50.14	48.36	14.07632	V	8.84619	V	75.36	72.49	0.14%				
5011	P_AMR_CLK_M3	6.5	V	7.5	V	7.26976	V	13.3505	V	12.48	5.75	7.267142	V	13.581	V	12.27	5.72	0.26%				
5012	P_AMR_DI_M3	6.5	V	7.5	V	7.269953	V	1.336+01	V	12.5	5.83	7.265426	V	1.366+01	V	12.24	5.74	0.05%				
5013	P_AMR_DIR1_M3	6.5	V	7.5	V	7.264177	V	1.356+01	V	12.3	5.8	7.263379	V	1.376+01	V	12.18	5.76	0.08%				
5014	P_AMR_DO_M3	6.5	V	7.5	V	7.401709	V	11.457	V	14.55	2.86	7.404481	V	12.5366	V	13.29	2.54	0.38%				
5016	P_AMR_RXDL_M3	6.5	V	7.5	V	7.263155	V	1.336+01	V	12.51	5.92	7.263619	V	1.356+01	V	12.32	5.83	0.05%				
5017	P_AMR_RXDC_M3	6.5	V	7.5	V	7.260663	V	13.3125	V	12.52	5.99	7.261487	V	13.5158	V	12.33	5.88	0.08%				
5018	P_AMR_VS_1_M3	6.5	V	7.5	V	7.267286	V	1.346+01	V	12.45	5.79	7.266541	V	1.366+01	V	12.25	5.72	0.07%				
5019	P_AMR_CM_M3	6.5	V	7.5	V	7.263928	V	1.336+01	V	12.5	5.											

Test	Name	Low Limit	units	High Limit	units	AGRATE_DATA						AMK_DATA						ISR [(AMK value-AGR value)/(USL-LSL)*100]				Remarks
						Mean	units	Sigma	units	Cp	Cpk	Mean	units	Sigma	units	Cp	Cpk	%	5%	15%	20%	
5043	P_AMR_OUT9_M5		300 mV		900 mV	739.4237	mV	19.4	10.39	737.6571	mV	5.1537	mV	19.4	10.39	739.4237	mV	10.54				
5044	P_AMR_OUT11_M5		300 mV		900 mV	784.3988	mV	6.6905	mV	14.93	5.75	781.973	mV	8.25129	mV	12.12	4.77	0.40%				
5045	P_AMR_OUT13_M5		300 mV		900 mV	739.7364	mV	5.09055	mV	19.64	10.49	737.9368	mV	5.14582	mV	19.43	10.5	0.30%				
5046	P_AMR_OUT15_M5		300 mV		900 mV	650.3377	mV	2.74E+00	mV	36.49	30.36	648.1465	mV	1.25E+00	mV	80.26	67.38	0.37%				
5048	P_AMR_CP1P_M5		15 V		23 V	20.82661	V	17.6023	V	75.75	41.16	20.83309	V	15.3127	V	87.07	47.17	0.08%				
5049	P_AMR_CP2P_M5		15 V		23 V	20.82851	V	12.9638	V	102.9	55.83	20.83497	V	13.5127	V	98.67	53.41	0.08%				
5050	P_AMR_CP_M5		15 V		23 V	20.82245	V	12.9609	V	103.4	56.31	20.82909	V	13.4392	V	99.21	53.84	0.08%				
5051	P_AMR_OUT6_M5		300 mV		900 mV	773.3796	mV	1.83794	mV	54.41	23.15	771.5205	mV	1.8776	mV	53.24	22.81	0.14%				
5053	P_AMR_OUT5_M5		200 mV		900 mV	735.5146	mV	2.62E+00	mV	44.55	20.94	734.6779	mV	2.63E+00	mV	44.32	20.94	0.12%				
5054	P_AMR_OUT8_M5		300 mV		900 mV	817.2503	mV	513.014	mV	194.9	53.77	816.6325	mV	572.622	mV	174.6	48.53	0.10%				
5055	P_AMR_OUT10_M5		300 mV		900 mV	835.6031	mV	571.236	mV	175.1	37.58	834.8027	mV	518.488	mV	192.9	41.92	0.13%				
5056	P_AMR_OUT12_M5		300 mV		900 mV	850.8482	mV	5.67E+02	mV	176.3	28.89	850.0802	mV	5.74E+02	mV	174.3	29.01	0.13%				
5057	P_AMR_OUT14_M5		300 mV		900 mV	841.4794	mV	689.318	mV	145.1	28.3	840.7889	mV	758.826	mV	131.8	26.01	0.12%				
5058	P_AMR_OUTHS_M5		300 mV		900 mV	648.5893	mV	2.83964	mV	35.22	29.51	647.0849	mV	1.81604	mV	55.06	46.42	0.25%				
5060	P_AMR_GH1_M5		100 mV		600 mV	516.5197	mV	2.81955	mV	29.56	9.87	516.1436	mV	2.82861	mV	29.46	9.88	0.08%				
5061	P_AMR_GH2_M5		100 mV		600 mV	517.0894	mV	2.54137	mV	32.79	10.87	516.6357	mV	2.55184	mV	32.66	10.89	0.09%				
5062	P_AMR_GL1_M5		100 mV		600 mV	295.1857	mV	8.60E+00	mV	9.69	7.57	295.7026	mV	8.62E+00	mV	9.67	7.57	0.10%				
5063	P_AMR_GL2_M5		100 mV		600 mV	301.7588	mV	8.82781	mV	9.44	7.62	302.077	mV	8.84714	mV	9.42	7.61	0.06%				
5065	P_AMR_V5_M6		40 V		45 V	42.23556	V	63.3779	V	13.15	11.76	42.23494	V	63.6747	V	13.09	11.7	0.01%				
5066	P_AMR_V5REG_M6		40 V		45 V	42.40862	V	62.41	V	13.35	12.86	42.39939	V	62.4954	V	13.33	12.8	0.18%				
5067	P_AMR_CP1M_M6		40 V		45 V	42.02347	V	63.0827	V	13.21	10.69	42.0233	V	63.4932	V	13.12	10.62	0.08%				
5068	P_AMR_CP2M_M6		40 V		45 V	42.02241	V	6.30E+01	V	13.22	10.69	42.02306	V	6.35E+01	V	13.13	10.62	0.01%				
6000	SCANALARM		0		0	0		0		n/a	n/a	0		0		n/a	n/a					
6265	VintD_M1		2.7 V		3.65 V	3.292458	V	18.555	V	10.8	8.13	3.278672	V	7.95237	V	19.91	15.56	1.45%				
6266	VintD_FS_M1		2.7 V		3.65 V	3.290428	V	18.3673	V	8.62	6.53	3.293799	V	18.7911	V	8.43	6.32	0.35%				
6267	VintA_M1		2.7 V		3.65 V	3.309896	V	25.1704	V	6.29	4.5	3.295879	V	22.015	V	7.19	5.36	1.48%				
6268	VintA_FS_M1		2.7 V		3.65 V	3.290671	V	1.92E+01	V	8.26	6.25	3.29326	V	1.86E+01	V	8.51	6.39	0.27%				
6001	ISAF_DO_M1		0		0	0		0		n/a	n/a	0		0		n/a	n/a					
6002	ISAF_NINT_M1		0		0	0		0		n/a	n/a	0		0		n/a	n/a					
6003	ISAF_NRESET_M1		0		0	0		0.00E+00		n/a	n/a	0		0.00E+00		n/a	n/a					
6004	ISAF_RxDC_M1		0		0	0		0		n/a	n/a	0		0		n/a	n/a					
6005	ISAF_SCANSTATUS_M1		0		0	0		0		n/a	n/a	0		0		n/a	n/a					
6006	ISAF_SCANVecCount_M1		6417552		6417552	6417552		0		n/a	n/a	6417552		0		n/a	n/a					
6007	ITFlow_DO_M2		0		0	0		0		n/a	n/a	0		0		n/a	n/a					
6008	ITFlow_NINT_M2		0		0	0		0.00E+00		n/a	n/a	0		0.00E+00		n/a	n/a					
6009	ITFlow_NRESET_M2		0		0	0		0		n/a	n/a	0		0		n/a	n/a					
6010	ITFlow_RxDC_M2		0		0	0		0		n/a	n/a	0		0		n/a	n/a					
6011	ITFlow_SCANSTATUS_M2		0		0	0		0		n/a	n/a	0		0		n/a	n/a					
6012	ITFlow_SCANVecCount_M2		9944832		9944832	9944832		0		n/a	n/a	9944832		0		n/a	n/a					
6013	ITFHi_DO_M2		0		0	0		0.00E+00		n/a	n/a	0		0.00E+00		n/a	n/a					
6014	ITFHi_NINT_M2		0		0	0		0		n/a	n/a	0		0		n/a	n/a					
6015	ITFHi_NRESET_M2		0		0	0		0		n/a	n/a	0		0		n/a	n/a					
6016	ITFHi_RxDC_M2		0		0	0		0		n/a	n/a	0		0		n/a	n/a					
6017	ITFHi_SCANSTATUS_M2		0		0	0		0		n/a	n/a	0		0		n/a	n/a					
6018	ITFHi_SCANVecCount_M2		3260112		3260112	3260112		0.00E+00		n/a	n/a	3260112		0.00E+00		n/a	n/a					
6019	IIDDQ_DO_M3		0		0	0		0		n/a	n/a	0		0		n/a	n/a					
6020	IIDDQ_NINT_M3		0		0	0		0		n/a	n/a	0		0		n/a	n/a					
6021	IIDDQ_NRESET_M3		0		0	0		0.00E+00		n/a	n/a	0		0.00E+00		n/a	n/a					
6022	IIDDQ_RxDC_M3		0		0	0		0		n/a	n/a	0		0		n/a	n/a					
6023	IIDDQ_SCANSTATUS_M3		0		0	0		0		n/a	n/a	0		0		n/a	n/a					
6024	IIDDQ_SCANVecCount_M3		130272		130272	130272		0		n/a	n/a	130272		0		n/a	n/a					
6025	IDDDQ1_VintD_M3		-1 uA		1 uA	0.018623	uA	2.38588	uA	139.7	137.1	0.012774	uA	2.24957	uA	148.2	145.6	0.07%				
6026	IDDDQ1_VintD_FS_M3		-1 uA		1 uA	0.014052	uA	2.73E+00	uA	121.9	120.2	0.012487	uA	2.43E+00	uA	137.4	135.7	0.08%				
6027	IDDDQ2_VintD_M3		-1 uA		1 uA	0.018667	uA	2.12719	uA	156.7	153.8	0.017171	uA	1.88027	uA	177.3	174.2	0.07%				
6028	IDDDQ2_VintD_FS_M3		-1 uA		1 uA	0.014158	uA	2.64458	uA	126	124.3	0.012492	uA	2.37352	uA	140.4	138.7	0.08%				
6029	IDDDQ3_VintD_M3		-1 uA		1 uA	0.018697	uA	2.6708	uA	124.8	122.5	0.017307	uA	2.20366	uA	151.3	148.6	0.07%				
6030	IDDDQ3_VintD_FS_M3		-1 uA		1 uA	0.014114	uA	2.75877	uA	120.8	119.1	0.012485	uA	2.42684	uA	137.4	135.6	0.08%				
6031	IDDDQ4_VintD_M3		-1 uA		1 uA	0.013861	uA	2.16722	uA	153.8	150.9	0.017116	uA	1.86254	uA	179	175.9	0.07%				
6032	IDDDQ4_VintD_FS_M3		-1 uA		1 uA	0.014173	uA	2.75972	uA	120.8	119.1	0.012612	uA	2.428	uA	137.3	135.6	0.08%				
6033	IDDDQ5_VintD_M3		-1 uA		1 uA	0.018608	uA	2.74E+00	uA	121.9	119.6	0.017173	uA	2.78E+00	uA	119.8	117.7	0.07%				
6034	IDDDQ5_VintD_FS_M3		-1 uA		1 uA	0.013193	uA	3.05396	uA	109.1	107.7	0.011905	uA	2.55344	uA	130.5	129	0.06%				
6035	IDDDQ6_VintD_M3		-1 uA		1 uA	0.018661	uA	2.44E+00	uA	136.4	133.8	0.01714	uA	2.15E+00	uA	155.3	152.6	0.08%				
6036	IDDDQ6_VintD_FS_M3		-1 uA		1 uA	0.014124	uA	2.86E+00	uA	116.7	115.1	0.012399	uA	2.39E+00	uA	139.3	137.6	0.09%				
6037	IDDDQ7_VintD_M3		-1 uA		1 uA	0.018616	uA	2.20E+00	uA	151.9	149	0.01717	uA	1.85E+00	uA	180	176.9	0.07%				
6038	IDDDQ7_VintD_FS_M3		-1 uA		1 uA	0.014173	uA	2.78E+00	uA	119.8	118.1	0.012494	uA	2.38E+00	uA	140.3	138.6	0.08%				
6039	IDDDQ8_VintD_M3		-1 uA		1 uA	0.018971	uA	3.79186	uA	87.91	86.24	0.017466	uA	3.56987	uA	93.37	91.74	0.05%				
6040	IDDDQ8_VintD_FS_M3		-1 uA		1 uA	0.01421	uA	2.79E+00	uA	119.4	117.7	0.012634	uA	2.39E+00	uA	139.4	137.7	0.08%				
6041	IDDDQ9_VintD_M3		-1 uA		1 uA	0.017926	uA	2.17E+00	uA	154	151.2	0.016427	uA	2.13E+00	uA	156.8	154.2	0.07%				
6042	IDDDQ9_VintD_FS_M3		-1 uA		1 uA	0.010485	uA	4.29E+00	uA	77.67	76.85	0.009599	uA	2.63E+00	uA	126.5	125.3	0.04%				
6043	IDDDQ10_VintD_M3		-1 uA		1 uA	0.018534	uA	2.33E+00	uA													

Test	Name	Low Limit	units	High Limit	units	AGRATE_DATA					AMK_DATA					ISR [(AMK value-AGR value)/(LSL-ULS)]*100					Remarks	
						Mean	units	Sigma	units	Cp	Cpk	Mean	units	Sigma	units	Cp	Cpk	%	5%	15%	20%	
6056	IDDD16_VintD_F5_M3	-1	uA	1	uA	0.01891	uA	2.815+00	uA	116.5	117	0.01115	uA	2.385+00	uA	130.1	138	1.0048				
6057	IDDD17_VintD_M3	-1	uA	1	uA	0.01891	uA	3.8772	uA	85.97	84.35	0.017329	uA	3.32676	uA	100.2	98.46	0.085				
6058	IDDD17_VintD_F5_M3	-1	uA	1	uA	0.01404	uA	2.86464	uA	116.4	114.7	0.012504	uA	2.39219	uA	139.3	137.6	0.084				
6059	IDDD18_VintD_M3	-1	uA	1	uA	0.01873	uA	2.20165	uA	151.4	148.6	0.017231	uA	1.92661	uA	173	170	0.074				
6060	IDDD18_VintD_F5_M3	-1	uA	1	uA	0.014152	uA	2.806+00	uA	119.2	117.6	0.012531	uA	2.41E+00	uA	138.6	136.8	0.084				
6061	IDDD19_VintD_M3	-1	uA	1	uA	0.018565	uA	3.83534	uA	86.91	85.3	0.01703	uA	3.90259	uA	85.41	83.96	0.088				
6062	IDDD19_VintD_F5_M3	-1	uA	1	uA	0.011788	uA	3.61809	uA	92.13	91.04	0.010577	uA	2.4085	uA	138.4	136.9	0.084				
6063	IDDD20_VintD_M3	-1	uA	1	uA	0.018821	uA	3.6433	uA	91.49	89.77	0.01736	uA	2.67753	uA	124.5	122.3	0.074				
6064	IDDD20_VintD_F5_M3	-1	uA	1	uA	0.014002	uA	2.74938	uA	121.2	119.5	0.012479	uA	2.41551	uA	139	136.3	0.084				
6165	IDDDmaxmin_VintD_M3	-1	uA	1	uA	0.006126	uA	7.41E+00	uA	44.99	44.72	0.005398	uA	7.18E+00	uA	46.44	46.19	0.044				
6166	IDDDmaxminF5_VintD_F5_M3	-1	uA	1	uA	0.007973	uA	2.10E+00	uA	158.6	157.4	0.006698	uA	1.87E+00	uA	178.5	177.3	0.064				
6069	IDDQBUMP_DQ_M3	0		0		0		0		n/a	n/a	0		0		n/a	n/a					
6070	IDDQBUMP_NINT_M3	0		0		0		0		n/a	n/a	0		0		n/a	n/a					
6071	IDDQBUMP_NRESET_M3	0		0		0		0		n/a	n/a	0		0		n/a	n/a					
6072	IDDQBUMP_RnDC_M3	0		0		0		0		n/a	n/a	0		0		n/a	n/a					
6073	IDDQBUMP_SCANSTATUS_M3	0		0		0		0		n/a	n/a	0		0		n/a	n/a					
6074	IDDQBUMP_SCANVecCount_M	130272		130272		130272		0		n/a	n/a	130272		0		n/a	n/a					
6079	IDDQPOST_DO_M3	0		0		0		0		n/a	n/a	0		0		n/a	n/a					
6080	IDDQPOST_NINT_M3	0		0		0		0		n/a	n/a	0		0		n/a	n/a					
6081	IDDQPOST_NRESET_M3	0		0		0		0		n/a	n/a	0		0		n/a	n/a					
6082	IDDQPOST_RnDC_M3	0		0		0		0		n/a	n/a	0		0		n/a	n/a					
6083	IDDQPOST_SCANSTATUS_M3	0		0		0		0		n/a	n/a	0		0		n/a	n/a					
6084	IDDQPOST_SCANVecCount_M3	130272		130272		130272		0		n/a	n/a	130272		0		n/a	n/a					
6085	IDDQPOST1_VintD_M3	-1	uA	1	uA	0.020378	uA	2.35367	uA	141.6	138.7	0.019023	uA	2.36148	uA	141.2	138.5	0.074				
6086	IDDQPOST1_VintD_F5_M3	-1	uA	1	uA	0.01503	uA	2.79846	uA	119.1	117.3	0.013554	uA	2.48015	uA	134.4	132.6	0.074				
6087	IDDQPOST2_VintD_M3	-1	uA	1	uA	0.017961	uA	2.25666	uA	147.7	145.1	0.016926	uA	2.05297	uA	162.4	159.6	0.054				
6088	IDDQPOST2_VintD_F5_M3	-1	uA	1	uA	0.011389	uA	3.69805	uA	90.14	89.11	0.009478	uA	2.48475	uA	134.2	132.9	0.104				
6089	IDDQPOST3_VintD_M3	-1	uA	1	uA	0.01915	uA	2.46813	uA	135.1	132.5	0.017621	uA	2.16156	uA	154.2	151.5	0.084				
6090	IDDQPOST3_VintD_F5_M3	-1	uA	1	uA	0.01857	uA	2.73341	uA	121.9	120.3	0.012316	uA	2.44127	uA	136.5	134.9	0.084				
6091	IDDQPOST4_VintD_M3	-1	uA	1	uA	0.018909	uA	2.07323	uA	160.8	157.7	0.017487	uA	1.90749	uA	174.7	171.7	0.074				
6092	IDDQPOST4_VintD_F5_M3	-1	uA	1	uA	0.014024	uA	2.75E+00	uA	121.2	119.5	0.012522	uA	2.41E+00	uA	138.1	136.4	0.084				
6093	IDDQPOST5_VintD_M3	-1	uA	1	uA	0.017587	uA	2.73E+00	uA	122	119.9	0.016384	uA	2.90E+00	uA	114.9	113	0.064				
6094	IDDQPOST5_VintD_F5_M3	-1	uA	1	uA	0.003484	uA	5.02548	uA	66.33	66.1	0.00155	uA	5.85954	uA	56.89	56.8	0.104				
6095	IDDQPOST6_VintD_M3	-1	uA	1	uA	0.019013	uA	2.41324	uA	138.1	135.5	0.017508	uA	2.22157	uA	150	147.4	0.084				
6096	IDDQPOST6_VintD_F5_M3	-1	uA	1	uA	0.013731	uA	2.91095	uA	114.5	112.9	0.012219	uA	2.42146	uA	137.7	136	0.084				
6097	IDDQPOST7_VintD_M3	-1	uA	1	uA	0.02028	uA	1.6459	uA	164.9	161.9	0.017224	uA	2.0371	uA	163.6	160.8	0.084				
6098	IDDQPOST7_VintD_F5_M3	-1	uA	1	uA	0.012684	uA	3.96273	uA	112.3	110.9	0.01109	uA	2.44879	uA	136.1	134.6	0.084				
6099	IDDQPOST8_VintD_M3	-1	uA	1	uA	0.019333	uA	3.87001	uA	86.13	84.47	0.01785	uA	3.88635	uA	85.77	84.24	0.074				
6100	IDDQPOST8_VintD_F5_M3	-1	uA	1	uA	0.014048	uA	2.84289	uA	117.3	115.6	0.01253	uA	2.3668	uA	140.8	139.1	0.084				
6101	IDDQPOST9_VintD_M3	-1	uA	1	uA	0.017563	uA	1.98E+00	uA	168.5	165.5	0.016112	uA	2.48E+00	uA	134.2	132	0.074				
6102	IDDQPOST9_VintD_F5_M3	-1	uA	1	uA	0.020263	uA	6.69E+00	uA	49.85	49.74	0.000512	uA	7.14E+00	uA	46.69	46.66	0.084				
6103	IDDQPOST10_VintD_M3	-1	uA	1	uA	0.018402	uA	2.3904	uA	139.4	136.9	0.017039	uA	2.23115	uA	149.4	146.9	0.074				
6104	IDDQPOST10_VintD_F5_M3	-1	uA	1	uA	0.01297	uA	3.46381	uA	96.23	95.05	0.010522	uA	2.28932	uA	145.6	144.1	0.094				
6105	IDDQPOST11_VintD_M3	-1	uA	1	uA	0.01918	uA	2.70164	uA	72.95	70.49	0.017142	uA	4.02362	uA	82.44	81.42	0.084				
6106	IDDQPOST11_VintD_F5_M3	-1	uA	1	uA	0.01602	uA	4.17849	uA	79.77	78.93	0.009241	uA	2.92849	uA	113.8	112.8	0.074				
6107	IDDQPOST12_VintD_M3	-1	uA	1	uA	0.018953	uA	3.77E+00	uA	88.32	86.65	0.017447	uA	3.23E+00	uA	103.2	101.4	0.084				
6108	IDDQPOST12_VintD_F5_M3	-1	uA	1	uA	0.01229	uA	3.41E+00	uA	97.74	96.54	0.010865	uA	2.39E+00	uA	139.2	137.7	0.074				
6109	IDDQPOST13_VintD_M3	-1	uA	1	uA	0.019106	uA	2.22E+00	uA	150.1	147.2	0.017597	uA	2.07E+00	uA	160.8	158	0.084				
6110	IDDQPOST13_VintD_F5_M3	-1	uA	1	uA	0.014023	uA	2.79706	uA	119.2	117.5	0.012376	uA	2.41901	uA	137.8	136.1	0.084				
6111	IDDQPOST14_VintD_M3	-1	uA	1	uA	0.019098	uA	2.93E+00	uA	113.7	111.6	0.017694	uA	2.59E+00	uA	128.7	126.4	0.074				
6112	IDDQPOST14_VintD_F5_M3	-1	uA	1	uA	0.013989	uA	2.75E+00	uA	121.4	119.7	0.012433	uA	2.43E+00	uA	137.2	135.5	0.084				
6113	IDDQPOST15_VintD_M3	-1	uA	1	uA	0.018535	uA	2.58E+00	uA	129.2	126.8	0.017111	uA	3.42E+00	uA	97.43	95.76	0.074				
6114	IDDQPOST15_VintD_F5_M3	-1	uA	1	uA	0.01062	uA	4.28E+00	uA	77.83	77.01	0.009146	uA	2.98E+00	uA	112	110.9	0.074				
6115	IDDQPOST16_VintD_M3	-1	uA	1	uA	0.018712	uA	2.12E+00	uA	157.4	154.5	0.017269	uA	2.11E+00	uA	157.6	154.9	0.074				
6116	IDDQPOST16_VintD_F5_M3	-1	uA	1	uA	0.012231	uA	3.46E+00	uA	96.3	95.12	0.010886	uA	2.37E+00	uA	140.7	139.1	0.074				
6117	IDDQPOST17_VintD_M3	-1	uA	1	uA	0.0192	uA	3.77E+00	uA	88.42	86.72	0.01793	uA	3.87E+00	uA	86.21	84.66	0.064				
6118	IDDQPOST17_VintD_F5_M3	-1	uA	1	uA	0.013883	uA	2.85482	uA	116.8	115.1	0.012322	uA	2.41661	uA	137.9	136.2	0.084				
6119	IDDQPOST18_VintD_M3	-1	uA	1	uA	0.019323	uA	2.18716	uA	152.4	149.5	0.017978	uA	1.92216	uA	173.4	170.3	0.074				
6120	IDDQPOST18_VintD_F5_M3	-1	uA	1	uA	0.013938	uA	2.75249	uA	121.1	119.4	0.012422	uA	2.41769	uA	137.9	136.2	0.084				
6121	IDDQPOST19_VintD_M3	-1	uA	1	uA	0.01902	uA	4.2353	uA	78.74	77.24	0.017479	uA	3.2623	uA	102.2	100.4	0.084				
6122	IDDQPOST19_VintD_F5_M3	-1	uA	1	uA	0.010542	uA	4.27E+00	uA	78.06	77.24	0.009216	uA	2.93E+00	uA	114	112.9	0.074				
6123	IDDQPOST20_VintD_M3	-1	uA	1	uA	0.019274	uA	3.31E+00	uA	100.6	98.64	0.01774	uA	2.84E+00	uA	117.5	115.5	0.084				
6124	IDDQPOST20_VintD_F5_M3	-1	uA	1	uA	0.012667	uA	3.19E+00	uA	104.6	103.3	0.011422	uA	2.30E+00	uA	145.2	143.5	0.064				
6125	DetalDDQ1_VintD_M3	-1	uA	1	uA	0.001782	uA	2.26E+00	uA	147.5	147.2	0.001769	uA									

Test	Name	Low Limit	units	High Limit	units	AGRATE_DATA						AMK_DATA						ISR (AMK value-AGR value)/(USL-LSL)*100				Remarks
						Mean	units	Sigma	units	Cp	Cpk	Mean	units	Sigma	units	Cp	Cpk	%	5%	15%	20%	
6144	DetaIDDDQ10_VintD_F5_M3	-1	uA	1	uA	0.000275	uA	4.4531	uA	74.85	74.83	0.000304	uA	4.75487	uA	70.1	70.08	0.00%				
6145	DetaIDDDQ11_VintD_M3	-1	uA	1	uA	-0.00091	uA	2.29662	uA	145.1	145	-0.00093	uA	2.15559	uA	154.6	154.5	0.00%				
6147	DetaIDDDQ12_VintD_M3	-1	uA	1	uA	0.00022	uA	3.58623	uA	93.42	93.4	5.4E-05	uA	2.80075	uA	119	119	0.01%				
6148	DetaIDDDQ12_VintD_F5_M3	-1	uA	1	uA	-0.00182	uA	2.55E+00	uA	131	130.7	-0.00164	uA	2.30E+00	uA	145	144.7	0.01%				
6149	DetaIDDDQ13_VintD_M3	-1	uA	1	uA	0.000501	uA	1.93884	uA	171.9	171.8	0.000454	uA	1.49679	uA	222.7	222.6	0.00%				
6150	DetaIDDDQ13_VintD_F5_M3	-1	uA	1	uA	-0.00014	uA	2.2584	uA	147.6	147.6	-0.00015	uA	2.0044	uA	166.3	166.3	0.00%				
6151	DetaIDDDQ14_VintD_M3	-1	uA	1	uA	0.000368	uA	3.70E+00	uA	90.09	90.06	0.000409	uA	3.34E+00	uA	99.34	99.9	0.00%				
6152	DetaIDDDQ14_VintD_F5_M3	-1	uA	1	uA	-0.00017	uA	2.26096	uA	147.4	147.4	-9.9E-05	uA	2.02722	uA	164.4	164.4	0.00%				
6153	DetaIDDDQ15_VintD_M3	-1	uA	1	uA	0.00039	uA	2.95E+00	uA	112.8	112.8	0.000444	uA	3.42E+00	uA	97.53	97.48	0.00%				
6154	DetaIDDDQ15_VintD_F5_M3	-1	uA	1	uA	-0.00064	uA	2.34926	uA	141.9	141.8	-0.00089	uA	2.12378	uA	157	156.8	0.01%				
6155	DetaIDDDQ16_VintD_M3	-1	uA	1	uA	9.14E-05	uA	1.84984	uA	180.2	180.2	0.000107	uA	1.54548	uA	215.7	215.7	0.00%				
6156	DetaIDDDQ16_VintD_F5_M3	-1	uA	1	uA	-0.00188	uA	2.58665	uA	128.9	128.6	-0.00158	uA	2.29428	uA	145.3	145.1	0.01%				
6157	DetaIDDDQ17_VintD_M3	-1	uA	1	uA	0.000323	uA	3.82978	uA	87.04	87.01	0.000588	uA	4.00728	uA	83.18	83.13	0.01%				
6158	DetaIDDDQ17_VintD_F5_M3	-1	uA	1	uA	-0.00019	uA	2.33819	uA	142.6	142.5	-0.00018	uA	2.00311	uA	166.4	166.4	0.00%				
6159	DetaIDDDQ18_VintD_M3	-1	uA	1	uA	0.000616	uA	1.91295	uA	174.3	174.1	0.000764	uA	1.48577	uA	224.4	224.2	0.01%				
6160	DetaIDDDQ18_VintD_F5_M3	-1	uA	1	uA	-0.00021	uA	2.30326	uA	144.7	144.7	-0.00012	uA	2.01679	uA	165.3	165.3	0.00%				
6161	DetaIDDDQ19_VintD_M3	-1	uA	1	uA	0.000467	uA	4.63091	uA	71.98	71.95	0.000464	uA	3.3915	uA	98.28	98.24	0.00%				
6162	DetaIDDDQ19_VintD_F5_M3	-1	uA	1	uA	-0.00127	uA	2.38849	uA	139.6	139.4	-0.00136	uA	2.20951	uA	150.9	150.7	0.00%				
6163	DetaIDDDQ20_VintD_M3	-1	uA	1	uA	0.000444	uA	4.25196	uA	78.4	78.36	0.000389	uA	3.03568	uA	109.8	109.8	0.00%				
6164	DetaIDDDQ20_VintD_F5_M3	-1	uA	1	uA	-0.00136	uA	2.43182	uA	137.1	136.9	-0.00105	uA	2.14927	uA	155.1	154.9	0.02%				
6167	DDQPGOSTmaxmin_VintD_M3	-1	uA	1	uA	0.006789	uA	7.2207	uA	46.09	45.78	0.00643	uA	6.9029	uA	48.29	48	0.04%				
6168	DDQPGOSTmaxmin_F5_VintD_F5	-1	uA	1	uA	0.015326	uA	6.03039	uA	55.52	54.67	0.015012	uA	6.27933	uA	52.29	52.29	0.00%				
6065	DDA_VintA_M4	-1	uA	1	uA	0.027283	uA	5.88796	uA	56.61	55.07	0.023531	uA	5.83062	uA	57.17	55.72	0.10%				
6066	DDA_VintA_F5_M4	-1	uA	1	uA	0.013471	uA	2.25185	uA	148	146	0.011708	uA	2.19298	uA	152	150.2	0.09%				
6300	Debug_PD	35	KOhms	100	KOhms	69.44511	KOhms	1.8679	KOhms	5.8	5.45	69.39731	KOhms	1.88094	KOhms	5.76	5.42	0.07%				
50000	PwrUp_ALARM	0		0		0		0		n/a.	n/a.	0		0		n/a.	n/a.					
50000	4_2_Vsreg_absmin	-100	mV	500	mV	-5.49508	mV	1.35538	mV	73.78	23.24	-6.18355	mV	1.85968	mV	53.77	16.82	0.11%				
50001	CompanyCode_M1	0	H	0	H	0	H	0	H	n/a.	n/a.	0	H	0	H	n/a.	n/a.					
50002	DeviceFamily_M1	65.536	KH	65.536	KH	65.536	KH	0	KH	n/a.	n/a.	65.536	KH	0	KH	n/a.	n/a.					
50003	Device1_M1	5.571	MH	5.571	MH	5.571	MH	0	MH	n/a.	n/a.	5.571	MH	0	MH	n/a.	n/a.					
50004	Device2_M1	4.26	MH	4.26	MH	4.26	MH	0	MH	n/a.	n/a.	4.26	MH	0	MH	n/a.	n/a.					
50005	Device3_M1	5.046	MH	5.046	MH	5.046	MH	0	MH	n/a.	n/a.	5.046	MH	0	MH	n/a.	n/a.					
50006	Device4_M1	393.216	KH	393.216	KH	393.216	KH	0	KH	n/a.	n/a.	393.216	KH	0	KH	n/a.	n/a.					
50007	Device5_M1	0	H	0	H	0	H	0	H	n/a.	n/a.	0	H	0	H	n/a.	n/a.					
50008	SiliconVersion_M1	2.228	MH	2.228	MH	2.228	MH	0	MH	n/a.	n/a.	2.228	MH	0	MH	n/a.	n/a.					
50009	SPNMode_M1	11.534	MH	11.534	MH	11.534	MH	0	MH	n/a.	n/a.	11.534	MH	0	MH	n/a.	n/a.					
50010	WD1_M1	2.621	MH	2.621	MH	2.621	MH	0	MH	n/a.	n/a.	2.621	MH	0	MH	n/a.	n/a.					
50011	WD2_M1	9.503	MH	9.503	MH	9.503	MH	0	MH	n/a.	n/a.	9.503	MH	0	MH	n/a.	n/a.					
50012	WDBit1_M1	4.26	MH	4.26	MH	4.26	MH	0	MH	n/a.	n/a.	4.26	MH	0	MH	n/a.	n/a.					
50013	WDBit2_M1	12.583	MH	12.583	MH	12.583	MH	0	MH	n/a.	n/a.	12.583	MH	0	MH	n/a.	n/a.					
50014	WDBit3_M1	8.323	MH	8.323	MH	8.323	MH	0	MH	n/a.	n/a.	8.323	MH	0	MH	n/a.	n/a.					
50015	WDBit4_M1	12.583	MH	12.583	MH	12.583	MH	0	MH	n/a.	n/a.	12.583	MH	0	MH	n/a.	n/a.					
50016	SP_CPANtest_M1	5.571	MH	5.571	MH	5.571	MH	0	MH	n/a.	n/a.	5.571	MH	0	MH	n/a.	n/a.					
50017	GSBoptions_M1	0	H	0	H	0	H	0	H	n/a.	n/a.	0	H	0	H	n/a.	n/a.					
50018	CPstart_M1	23	V	25.5	V	24.40708	V	77.4705	V	5.38	4.7	24.34237	V	60.007	V	6.94	6.43	2.59%				
50019	V5_1start_M1	4.5	V	5.5	V	5.021876	V	20.9348	V	7.96	7.61	5.008716	V	5.43719	V	30.65	30.12	1.32%				
50021	TestProgram_Version	132		132		132		0		n/a.	n/a.	132		0		n/a.	n/a.					
8000	Trim_ALARM	0		0		0		0		n/a.	n/a.	0		0		n/a.	n/a.					
8001	virgin_M1	0	1	0.034459	0.182468	0.0344	0.0629	1	0	n/a.	n/a.	0	n/a.	n/a.	96.55%	x					Trimming test, wafer trimmed in AGR	
8002	burnEWSold_M1	0	1	0.034459	0.182468	0.0344	0.0629	1	0	n/a.	n/a.	0	n/a.	n/a.	96.55%	x					Trimming test, wafer trimmed in AGR	
8003	burnEWSamb_M1	0	1	0	0	0	0	0	0	n/a.	n/a.	0	0	0	0	n/a.	n/a.	0.00%				
8004	burnEWSHot_M1	0	1	0	0	0	0	0	0	n/a.	n/a.	0	0	0	0	n/a.	n/a.	0.00%				
8005	burnFCold_M1	0	1	0	0	0	0	0	0	n/a.	n/a.	0	0	0	0	n/a.	n/a.	0.00%				
8006	burnFTamb_M1	0	1	0	0	0	0	0	0	n/a.	n/a.	0	0	0	0	n/a.	n/a.	0.00%				
8007	burnFHot_M1	0	1	0	0	0	0	0	0	n/a.	n/a.	0	0	0	0	n/a.	n/a.	0.00%				
8008	V8Gbufoffset_M1	-10	mV	10	mV	1.081265	mV	316.693	mV	10.53	9.39	1.096755	mV	192.544	mV	17.31	15.41	0.08%				
8009	V8G_bT_M1	3	V	1.5	V	1.230625	V	4.86124	V	17.14	15.81	1.230504	V	4.84753	V	17.19	15.85	0.02%				
8010	V8G_calcCod_M2	0	15	3.203938	2.98729	0.8369	0.3575	3.145161	2.97745	0.8396	0.3521	3.145161	2.97745	0.8396	0.3521	0.39%						
8011	V8G_code_M2	0	15	3.144163	2.98052	0.8388	0.3516	3.145161	2.97745	0.8396	0.3521	3.145161	2.97745	0.8396	0.3521	0.01%						
8012	V8G_at_M2	1.16	V	1.223989	V	845.332	V	37.46	25.24	1.223868	V	914.682	V	34.62	23.27	0.06%						
8013	IREF_bT_M3	5	uA	8.903655	uA	218.864	uA	7.62	5.95	8.901558	uA	218.672	uA	7.62	5.95	0.02%						
8014	IREF_calcCod_M3	0	15	2.146273	0.59648	4.19	1.2	2.147265	0.5977	4.18	1.2	2.147265	0.5977	4.18	1.2	0.01%						
8015	IREF_code_M3	0	15	2.14557	0.597242	4.19	1.2	2.147265	0.5977	4.18	1.2	2.147265	0.5977	4.18	1.2	0.01%						
8016	IREF_at_M3	9	uA	9.845246	uA	143.337	uA	1.51	1.04	9.845316	uA	143.92	uA	1.51	1.03	0.13%						
8017	TEST_M3	10	uA	50	uA	20.34476	uA	860.66	uA	7.75	4.01	20.37387	uA	857.645	uA	7.77	4.03	0.07%				
8018	TEST_at_M5	10	uA	50	uA	21.65255	uA	522.154	uA	12.77	7.44	21.68301	uA	519.643	uA	12.83	7.49	0.08%				
8018	CLK2M_bT_M4	1	MHz	3	MHz	2.312963	MHz	88.757	MHz	3.76	2.58	2.308908	MHz	88.299	MHz	3.78	2.61	0.30%				
8019	CLK2M_calcCod_M4	0	15	9.5																		

Test	Name	Low Limit	units	High Limit	units	AGRATE_DATA					AMK_DATA					ISR [AMK value-AGR value]/(USL-LSL)*100				Remarks	
						Mean	Sigma	units	Cp	Cpk	Mean	Sigma	units	Cp	Cpk	%	5%	15%	20%		
8037	V2_calcCod_M5	0		7		4.786217	0.486995		2.47	1.48	4.786115	0.486855		2.4	1.52	0.00%					
8038	V2_code_M5	0		7		4.786217	0.486995		2.4	1.52	4.786115	0.486855		2.4	1.52	0.00%					
8039	V2_at_M5	4.8	V	5.2	V	4.910368	7.30423	V	9.13	5.04	4.909451	V	13.1565	V	5.07	2.77	0.23%				
8040	ADC_bt_M5	2.3	V	2.7	V	2.48991	3.72611		17.89	16.99	2.489849	V	3.73973	V	17.83	16.92	0.02%				
8041	ADC_calcCod_M5	0		7		4.916315	0.745166		1.57	0.9321	4.859748		0.74266		1.57	0.9606	0.81%				
8042	ADC_code_M5	0		7		4.85865	0.74306		1.57	0.9606	4.859748		0.74266		1.57	0.9606	0.02%				
8043	ADC_at_M5	2.4	V	2.6	V	2.505795	1.60822	V	20.73	19.52	2.505818	V	1.87578	V	17.77	16.74	0.61%				
8500	Burn_ALARM	0		0		0	0		n/a	n/a	0		0		n/a	n/a					
8501	3_2_PORThr_M2	2.45	V	3.5	V	3.280297	V	31.2336	V	5.6	2.34	3.277414	V	31.5827	V	5.54	2.35	0.27%			
8502	3_1_PORThr_M2	2.5	V	4.5	V	3.591814	V	23.3494	V	14.28	12.97	3.59202	V	23.7026	V	14.06	12.77	0.51%			
8503	PORdeltaRiseFall_M2	0.1	V	1	V	0.311517	V	32.4166	V	4.63	2.18	0.314605	V	33.2326	V	4.51	2.15	0.34%			
8504	OTP_unusedTCode_UAM6_M2	0		127		0	0		n/a	n/a	0		0		n/a	n/a	0.00%				
8536	OTP_HF_Ton_M2	0		3		3	0		n/a	n/a	3		0		n/a	n/a	0.00%				
8505	OTP_REF_M2	0		15		2.14557	0.597242		4.19	1.2	2.147265		0.5977		4.18	1.2	0.01%				
8506	OTP_V2_M2	0		7		4.786217	0.486995		2.4	1.52	4.786115		0.486855		2.4	1.52	0.00%				
8507	OTP_DiePox_M2	0		256		121.9838	120.713		0.3535	0.3368	121.6802		120.679		0.3536	0.3361	0.12%				
8508	OTP_DiePosY_M2	0		256		126.2651	116.733		0.3655	0.3606	126.4432		116.743		0.3655	0.361	0.07%				
8509	OTP_OSC_2MHZ_M2	0		15		9.445851	0.691423		3.62	2.68	9.446003		0.690965		3.62	2.68	0.00%				
8510	OTP_ADC_2V_M2	0		7		4.85865	0.74306		1.57	0.9606	4.859748		0.74266		1.57	0.9606	0.02%				
8511	OTP_Stby_dis_M2	0		1		1	0		n/a	n/a	1		0		n/a	n/a	0.00%				
8512	OTP_V1_M2	0		7		0.961322	0.206693		5.64	1.55	0.961431		0.206693		5.64	1.55	0.00%				
8513	OTP_unusedCAN_UAM6_M2	0		3		0	0		n/a	n/a	0		0		n/a	n/a	0.00%				
8514	OTP_Lo_Pow_M2	0		1		1	0		n/a	n/a	1		0		n/a	n/a	0.00%				
8516	OTP_HS_Ton_M2	0		3		0	0		n/a	n/a	0		0		n/a	n/a	0.00%				
8517	OTP_VBG_M2	0		15		3.144163	2.98052		0.8388	0.3516	3.145161		2.97745		0.8396	0.3521	0.01%				
8518	OTP_OSC_32MHZ_M2	0		63		34.10267	12.0645		0.8703	0.7984	34.1101		12.0491		0.8714	0.7992	0.01%				
80100	OTP_waferNb_M2	0		31		10	0		n/a	n/a	10		0		n/a	n/a	0.00%				
8520	OTP_unusedSWU_dis_UAM6_M2	0		1		0	0		n/a	n/a	0		0		n/a	n/a	0.00%				
8521	ZapVsExpected_M2	0		0		0	0		n/a	n/a	0		0		n/a	n/a					
8522	CheckBk_M2	0		0		0	0		n/a	n/a	0		0		n/a	n/a					
8523	CheckMM1_M2	0		0		0	0		n/a	n/a	0		0		n/a	n/a					
8524	CheckMM2_M2	0		0		0	0		n/a	n/a	0		0		n/a	n/a					
8525	configOK_M2	0		0		0	0		n/a	n/a	0		0		n/a	n/a					
8531	V1_at_M2	4.9	V	5.1	V	4.979461	V	4.97323	V	6.75	5.36	4.979771	V	5.14139	V	6.48	5.17	0.13%			
8532	V2_at_M2	4.8	V	5.2	V	4.911778	V	7.4564	V	8.94	5	4.911295	V	13.8026	V	4.83	2.69	0.12%			
80101	ChipID_X	70		140		118.1048	8.56812		1.36	0.8518	118.1431		8.58734		1.36	0.8484	0.05%				
80102	ChipID_Y	70		140		105.8854	13.5954		0.8581	0.8364	105.8794		13.5851		0.8581	0.8372	0.01%				
80103	ChipID_OX	-500		500		118	0		n/a	n/a	118		0		n/a	n/a	0.00%				
80104	ChipID_OY	-500		500		106	0		n/a	n/a	106		0		n/a	n/a	0.00%				
8537	Devices_Reload	0	H	0	H	0	H		n/a	n/a	0	H	0	H		n/a	n/a				
9000	Supplies_ALARM	0		0		0	0		n/a	n/a	0		0		n/a	n/a					
9001	I_10_AM_ISUM_M1	7.5	mA	14	mA	10.01803	mA	132.415	mA	8.18	6.34	10.00938	mA	126.78	mA	8.55	6.6	0.13%			
9002	AM_IVS_M1	3	mA	10	mA	6.071756	mA	107.387	mA	10.86	9.53	6.063516	mA	100.464	mA	11.61	10.15	0.12%			
9003	AM_IVREG_M1	3	mA	3.946274	mA	38.0676	mA	30.65	8.29	3.945874	mA	38.3594	mA	36.3	8.22	0.01%					
9004	AM_SV1_M1	4.8	V	5.3	V	5.010871	V	15.73	13.27	5.010556	V	5.41883	V	15.38	13.01	0.13%					
9005	AM_SV2_M1	4.8	V	5.3	V	5.094232	V	10.8271	V	7.7	6.33	5.095612	V	11.0568	V	7.54	6.16	0.28%			
9006	AM_DEVSTATE_M1	0		0		0	0		n/a	n/a	0		0		n/a	n/a					
9051	1_3_VSOV_HIGH_M1	20	V	22.5	V	20.55886	V	62.3455	V	6.68	2.99	20.55981	V	62.0558	V	6.71	3.01	0.04%			
9052	1_3_VSOV_LOW_M1	18.5	V	22.5	V	19.30814	V	56.857	V	11.73	4.74	19.30908	V	56.7092	V	11.76	4.76	0.02%			
9053	1_4_VSOV_HYST_M1	0.5	V	1.5	V	1.250737	V	18.0966	V	9.21	4.59	1.250759	V	18.0487	V	9.23	4.6	0.00%			
9054	1_7_VSREGOV_HIGH_M1	20	V	22.5	V	20.6099	V	62.888	V	6.63	3.19	20.6049	V	63.4248	V	6.57	3.16	0.02%			
9055	1_7_VSREGOV_LOW_M1	18.5	V	22.5	V	19.34117	V	58.2242	V	11.45	4.82	19.34231	V	58.1226	V	11.47	4.83	0.05%			
9056	1_8_VSREGOV_HYST_M1	0.5	V	1.5	V	1.259912	V	16.1072	V	10.35	4.97	1.259335	V	16.6184	V	10.03	4.83	0.06%			
9071	1_1_VSUV_HIGH_M1	4.7	V	5.4	V	4.998594	V	9.57911	V	12.18	10.39	4.99864	V	9.49104	V	12.29	10.49	0.01%			
9072	1_1_VSUV_LOW_M1	4.7	V	5.4	V	4.844121	V	9.55928	V	12.2	5.03	4.844439	V	9.63185	V	12.11	5	0.05%			
9073	1_2_VSUV_HYST_M1	0.04	V	0.2	V	0.154473	V	5.00207	V	5.33	3.03	0.154201	V	5.04983	V	5.28	3.02	0.17%			
9074	1_5_VSREGOV_HIGH_M1	4.2	V	4.9	V	4.540745	V	8.84656	V	13.19	12.84	4.540295	V	8.98639	V	12.98	12.62	0.06%			
9075	1_5_VSREGOV_LOW_M1	4.2	V	4.9	V	4.421373	V	8.57373	V	13.6	8.62	4.421578	V	8.71174	V	13.39	8.48	0.02%			
9076	1_6_VSREGOV_HYST_M1	0.04	V	0.2	V	0.119015	V	4.87866	V	5.47	5.4	0.118717	V	4.90982	V	5.43	5.34	0.19%			
9077	31_3_IrxdtLk_OV_M2	-10	uA	10	uA	0.086925	uA	20.3483	uA	163.8	162.4	0.076337	uA	15.8042	uA	210.9	209.3	0.05%			
9079	31_3_IrxdtLk_OV_M2	-10	uA	10	uA	0.08635	uA	14.602	uA	228.3	226.3	0.064198	uA	11.4944	uA	290	288.1	0.11%			
9080	31_3_IrxdtLk_SV_M2	-10	uA	10	uA	0.033573	uA	15.4842	uA	215.3	214.5	0.014647	uA	12.586	uA	264.8	264.5	0.09%			
9081	31_3_IrxdtLk_OV_M2	-10	uA	10	uA	0.000525	uA	10.6216	uA	313.8	313.8	-0.00142	uA	13.5428	uA	246.1	246.1	0.01%			
9082	31_3_IrxdtLk_SV_M2	-10	uA	10	uA	0.01207	uA	11.3009	uA	295	294.6	0.008095	uA	13.8183	uA	241.2	241	0.02%			
9101	1_1_VBATStb_ISUM_M2	30	uA	30	uA	12.17637	uA	157.53	uA	23.27	8.84	12.19873	uA	164.151	uA	22.38	8.53	0.12%			
9102	VBATStb_IVS_M2	0.1	uA	30	uA	1.136035	uA	48.902	uA	101.9	7.06	1.140596	uA	52.1346	uA	95.59	6.65	0.05%			
9103	VBATStb_VSREG_M2	7	uA	30	uA	11.04032	uA	138.628	uA	27.45	9.65	11.05813	uA	144.733	uA	26.49	9.35	0.08%			
9104	VBATStb_SV1_M2	-0.1	V	0.1	V	-0.00134	V	2.54206	V	13.11	12.93	-0.00227	V	702.967	V	47.42	46.36	0.47%			
9105	VBATStb_SV2_M2	-0.1	V	0.1	V	-0.03086	V	1.28201	V	26	17.98	-0.02982	V	1.00608	V	33.13	23.25	0.52%			
9106	VBATStb_DEVSTATE_M2	2		2		2	0		n/a	n/a	2		0		n/a	n/a					
9107	1_12_ICSVBATStb_ISUM_M2	30	uA	130	uA	65.0719	uA	1.48449	uA	11.23	7.88	65.11068	uA	1.48075	uA	11.26	7.9	0.04%			
9108	1_13_ICWVBATStb_ISUM_M2	30	uA	130	uA	66.44521	uA	1.56892	uA	10.62	7.74	66.48414	uA	1.56888	uA	10.52	7.68	0.04%			
9109	ICW_IC5_DIFF_M2	-100	uA	100	uA	-1.3694	uA														

Test	Name	Low Limit	units	High Limit	units	AGRATE_DATA					AMK_DATA					ISR [AMK value-AGR value]/(USL-LSL)*100					Remarks	
						Mean	units	Sigma	units	Cp	Cpk	Mean	units	Sigma	units	Cp	Cpk	%	5%	15%	20%	
9160	2_1_TXDL_HIGH_M4	7.4	V	8.4	V	8.36265	V	14.75	14.19	8.35858	V	22.6074	V	14.75	14.19	16.94	16.24					
9161	26_1_TXDL_LOW_M4	6.1	V	8.4	V	7.60475	V	16.0545	V	23.88	15.76	7.638477	V	15.5859	V	24.59	16.28	0.10%				
9162	826_3_TXDL_HYST_M4	0.5	V	1	V	0.721549	V	23.1534	V	3.6	3.19	0.719937	V	21.9081	V	3.8	3.35	0.32%				
9163	CANFLASH_DEVSTATE_M5	3		3		3		0		n/a	n/a	3		0		n/a	n/a	0.22%				
9164	26_2_TXDC_HIGH_M5	7.4	V	9.4	V	8.372376	V	23.6309	V	14.11	13.71	8.36791	V	19.9124	V	16.74	16.2	0.22%				
9165	26_1_TXDC_LOW_M5	6.1	V	8.4	V	7.649783	V	17.98	V	21.32	13.91	7.648646	V	17.4879	V	21.92	14.32	0.05%				
9166	826_3_TXDC_HYST_M5	0.5	V	1	V	0.722325	V	22.5547	V	3.69	3.29	0.718928	V	20.9903	V	3.97	3.48	0.64%				
9167	24_27_LINWU_HIGH_M6	8.5	V	10.5	V	9.665626	V	23.0379	V	14.47	12.07	9.664404	V	23.0018	V	14.45	12.11	0.06%				
9168	GND_LOSSPos_M7	-0.5	V	-0.1	V	-0.2844	V	17.1478	V	3.89	3.58	-0.28058	V	17.8693	V	3.73	3.37	0.96%				
9169	GND_LOSSNeg_M7	-0.5	V	-0.1	V	-0.36811	V	17.1964	V	3.88	2.56	-0.36625	V	17.8498	V	3.73	2.5	0.47%				
9170	GND_LOSSHyst_M7	-0.2	V	0.2	V	0.083706	V	4.83137	V	13.8	8.02	0.085666	V	4.9713	V	13.41	7.67	0.49%				
9171	V1end_M8	4.7	V	5.4	V	5.011454	V	5.47705	V	21.3	18.95	5.011831	V	5.56398	V	20.97	18.68	0.05%				
89000	GateStress_ALARM	0		0		0		0		n/a	n/a	0		0		n/a	n/a					
89005	CheckDriverOff	11.5	V	13.5	V	12.40025	V	3.17614	V	104.9	94.48	12.3998	V	3.19329	V	104.4	93.92	0.02%				
89006	CheckDriverLO	-0.2	V	0.2	V	-0.00561	V	3.38271	V	19.83	19.27	-0.00342	V	5.65392	V	121.9	119.8	0.55%				
89001	GateStress_L50	-50	nA	200	nA	-1.93725	nA	1.72704	nA	24.13	9.28	-2.5333	nA	2.36577	nA	17.61	6.69	0.24%				
89002	GateStress_L51	-50	nA	200	nA	4.104784	nA	1.71139	nA	24.35	10.54	5.222602	nA	2.41994	nA	17.22	7.61	0.45%				
89010	GSLS_delta	-50	nA	100	nA	6.04201	nA	2.40313	nA	10.4	7.77	7.755881	nA	3.38806	nA	7.38	5.68	1.14%				
89007	CheckDriverHi	11.8	V	12.2	V	11.99715	V	631.95	V	105.5	104	11.99727	V	378.861	V	176	173.6	0.03%				
89008	CheckDriverHiDiff	0.01	V	1	V	0.403071	V	3.16907	V	52.07	41.34	0.402485	V	3.18822	V	51.75	41.04	0.06%				
89003	GateStress_H50	-50	nA	200	nA	-0.362	nA	3.30282	nA	12.62	5.01	-1.13905	nA	3.8273	nA	10.89	4.26	0.31%				
89004	GateStress_H51	-50	nA	200	nA	4.330284	nA	3.35354	nA	12.49	5.43	5.116211	nA	3.64407	nA	11.43	5.04	0.31%				
89011	GSLS_delta	-50	nA	100	nA	4.692321	nA	4.64808	nA	5.38	3.92	6.25522	nA	5.35748	nA	2.67	3.5	1.94%				
7500	Drain_Stress_ALARM	0		0		0		0		n/a	n/a	0		0		n/a	n/a					
7501	lqlOU15Stby_M1	-5	uA	165	uA	80.82033	uA	3.25564	uA	8.7	8.62	80.64486	uA	3.30029	uA	8.59	8.52	0.10%				
7503	lqlOU45Stby_M1	-5	uA	165	uA	79.16882	uA	3.04771	uA	9.3	9.21	79.03612	uA	2.98938	uA	9.48	9.37	0.08%				
7504	lqlOU65Stby_M1	-5	uA	165	uA	81.28124	uA	3.20993	uA	8.83	8.69	81.31949	uA	3.2266	uA	8.78	8.64	0.02%				
7506	lqlOU55Stby_M1	-5	uA	165	uA	81.74924	uA	3.24906	uA	8.72	8.54	81.56654	uA	3.22971	uA	8.77	8.61	0.11%				
7507	Vstress_OUT1_M1	40	V	44	V	43.9053	V	63.9053	V	10.43	4.59	43.11882	V	63.8909	V	10.43	4.6	0.04%				
7509	Vstress_OUT4_M1	40	V	44	V	43.08191	V	64.0823	V	10.4	4.78	43.08425	V	64.2363	V	10.36	4.75	0.05%				
7510	Vstress_OUT6_M1	40	V	44	V	43.11789	V	63.8688	V	10.44	4.6	43.1147	V	64.2185	V	10.38	4.59	0.06%				
7512	Vstress_OUT5_M1	40	V	44	V	43.07601	V	63.982	V	10.42	4.81	43.07709	V	64.2643	V	10.37	4.79	0.03%				
7513	lqlOU15Stby_AfStress_M1	-5	uA	165	uA	78.55772	uA	2.94657	uA	9.62	9.45	78.50094	uA	2.94477	uA	9.62	9.45	0.03%				
7515	lqlOU45Stby_AfStress_M1	-5	uA	165	uA	78.95767	uA	2.97822	uA	9.51	9.4	78.90961	uA	2.97361	uA	9.53	9.41	0.03%				
7516	lqlOU65Stby_AfStress_M1	-5	uA	165	uA	82.01583	uA	3.25427	uA	8.71	8.5	82.02078	uA	3.26152	uA	8.69	8.48	0.06%				
7518	lqlOU55Stby_AfStress_M1	-5	uA	165	uA	81.65157	uA	3.23053	uA	8.77	8.6	81.69119	uA	3.23667	uA	8.77	8.6	0.02%				
7519	lqlOU15Stby_Diff_M1	-5	uA	5	uA	-2.23661	uA	484.907	uA	3.44	1.88	-2.14392	uA	676.277	uA	1.41	1.15	0.82%				
7521	lqlOU45Stby_Diff_M1	-5	uA	5	uA	-0.21115	uA	275.732	uA	6.04	5.79	-0.12649	uA	45.4111	uA	36.7	35.77	0.85%				
7522	lqlOU65Stby_Diff_M1	-5	uA	5	uA	0.734617	uA	74.7119	uA	22.31	19.03	0.701283	uA	69.2011	uA	24.08	20.71	0.33%				
7524	lqlOU55Stby_Diff_M1	-5	uA	5	uA	-0.08405	uA	117.76	uA	14.15	13.92	0.124645	uA	136.663	uA	12.2	11.89	1.09%				
7525	lqlOU75Stby_M2	-5	uA	5	uA	0.057111	uA	12.4531	uA	133.8	132.3	0.039225	uA	11.9415	uA	139.6	138.5	0.18%				
7526	lqlOU95Stby_M2	-5	uA	5	uA	0.051506	uA	34.5632	uA	48.22	47.72	0.035618	uA	29.5032	uA	56.49	56.09	0.16%				
7527	lqlOU135Stby_M2	-5	uA	5	uA	0.069895	uA	18.457	uA	90.3	89.04	0.055739	uA	13.9446	uA	119.5	118.2	0.14%				
7528	lqlOU135Stby_AfStress_M2	-5	uA	5	uA	0.101704	uA	20.654	uA	80.69	79.05	0.05679	uA	15.0867	uA	108.8	108.8	0.00%				
7530	lqlOU155Stby_M2	-5	uA	5	uA	0.050228	uA	32.5346	uA	51.23	50.71	0.035337	uA	29.8655	uA	55.81	55.41	0.15%				
7531	lqlOU15Stby_M2	-5	uA	5	uA	0.023671	uA	14.9718	uA	111.3	110.8	0.030706	uA	17.9965	uA	92.61	92.04	0.07%				
7532	lqlOU45Stby_M2	-5	uA	5	uA	0.023953	uA	79.883	uA	20.86	20.76	0.024962	uA	90.6204	uA	18.39	18.3	0.01%				
7533	lqlOU85Stby_M2	-5	uA	5	uA	0.057473	uA	13.2275	uA	126	124.6	0.039219	uA	12.1294	uA	137.4	136.3	0.18%				
7534	lqlOU105Stby_M2	-5	uA	5	uA	0.051067	uA	35.9417	uA	46.37	45.9	0.036882	uA	29.6326	uA	56.24	55.83	0.14%				
7535	lqlOU125Stby_M2	-5	uA	5	uA	0.070475	uA	18.4791	uA	90.19	88.92	0.054668	uA	14.0916	uA	118.3	117	0.16%				
7536	lqlOU145Stby_M2	-5	uA	5	uA	0.104696	uA	19.9283	uA	83.63	81.88	0.083116	uA	15.2378	uA	109.4	107.6	0.22%				
7538	lqlOUH5Stby_M2	-5	uA	5	uA	0.049596	uA	33.1736	uA	50.24	49.74	0.036187	uA	30.2132	uA	55.16	54.76	0.11%				
7539	lqlOU55Stby_M2	-5	uA	5	uA	0.023077	uA	15.7891	uA	105.6	105.1	0.022276	uA	20.8926	uA	79.77	79.42	0.01%				
7540	lqlOU65Stby_M2	-5	uA	5	uA	0.018357	uA	15.4495	uA	107.9	107.5	0.022849	uA	17.6771	uA	94.28	93.85	0.04%				
7541	Vstress1_V5_M1	40	V	44	V	42.29832	V	63.2971	V	10.53	8.96	42.29779	V	63.7085	V	10.46	8.91	0.01%				
7542	Vstress1_V5Reg_M1	40	V	44	V	42.25395	V	63.6186	V	10.48	9.15	42.25145	V	63.8807	V	10.44	9.12	0.06%				
7543	lqlOU75Stby_AfStress_M2	-5	uA	5	uA	0.057264	uA	12.8553	uA	129.7	128.2	0.039281	uA	12.4201	uA	134.2	133.1	0.18%				
7544	lqlOU95Stby_AfStress_M2	-5	uA	5	uA	0.053195	uA	34.6113	uA	48.15	47.64	0.035679	uA	29.1259	uA	57.22	56.81	0.18%				
7545	lqlOU115Stby_AfStress_M2	-5	uA	5	uA	0.070309	uA	18.2633	uA	91.26	89.97	0.055162	uA	14.237	uA	117.1	115.8	0.15%				
7546	lqlOU135Stby_AfStress_M2	-5	uA	5	uA	0.104643	uA	20.3606	uA	81.86	80.14	0.082762	uA	15.1969	uA	109.7	107.9	0.22%				
7547	lqlOU155Stby_AfStress_M2	-5	uA	5	uA	0.051786	uA	32.4701	uA	51.33	50.8	0.034592	uA	30.0864	uA	55.4	55.01	0.17%				
7548	lqlOU15Stby_AfStress_M2	-5	uA	5	uA	0.020087	uA	14.6662	uA	113.6	113.2	0.023062	uA	17.8383	uA	93.43	93	0.03%				
7549	lqlOU45Stby_AfStress_M2	-5	uA	5	uA	0.026557	uA	70.5321	uA	23.63	23.5	0.024938	uA	71.8699	u							

Test	Name	Low Limit	units	High Limit	units	AGRATE_DATA					AMK_DATA					ISR (AMK value-AGR value)/(USL-LSL)*100				Remarks		
						Mean	units	Sigma	units	Cp	Cpk	Mean	units	Sigma	units	Cp	Cpk	%	5%	15%	20%	
7572	iqhOU145tby_Diff_M2	-1 uA	1 uA	0.000793 uA	40.7286 uA	31.34	uA	31.17	7.26	0.00023	0	10.6712 uA	31.34	7.26	0.00023	0	0	32.23	0.01%			
7573	iqhOUH55tby_Diff_M2	-1 uA	1 uA	0.000793 uA	40.7286 uA	8.18	uA	8.18	0.000203	0	0	37.885 uA	8.18	0.000203	0	0	0	8.8	0.01%			
7574	iqhOU5Stby_Diff_M2	-1 uA	1 uA	0.003124 uA	20.0485 uA	16.63	uA	16.57	0.002133	0	0	28.7258 uA	11.6	0.002133	0	0	0	11.6	0.05%			
7575	iqhOU65tby_Diff_M2	-1 uA	1 uA	0.001146 uA	18.1703 uA	18.34	uA	18.32	0.000673	0	0	23.6977 uA	14.07	0.000673	0	0	0	14.07	0.02%			
88000	OTPemu1_ALARM	0	0	0	0	0	n/a	n/a	0	0	0	n/a	n/a	0	0	0	0	n/a	n/a			
88001	OTPemuDone_M1	1	1	1	1	1	n/a	n/a	1	0	0	n/a	n/a	0	0	0	0	n/a	n/a			
51000	WUP_ALARM	0	0	0	0	0	n/a	n/a	0	0	0	n/a	n/a	0	0	0	0	n/a	n/a			
51001	22_2_WUPth-M1	6 V	7.2 V	6.805353 V	25.0805 V	7.97	V	5.34	6.80483	V	25.0716	V	7.98	5.25	0.84%							
51002	22_3_WUPth-M1	4.8 V	6 V	5.511869 V	19.464 V	10.28	V	8.36	5.511438	V	19.581	V	10.21	8.32	0.94%							
51003	22_3_WUPth-M1	600 mV	1800 mV	1293.502 mV	8.57523 mV	23.32	mV	19.69	1293.511 mV	8.45303 mV	23.66	19.97	0.00%									
51004	22_6_Rwu_act_M1	80 KOHms	300 KOHms	235.4132 KOHms	6.17292 KOHms	5.94	KOHms	3.49	235.1047 KOHms	6.25918 KOHms	5.86	3.46	0.14%									
51005	22_5_wwuUP_stdby_M2	-60 uA	-5 uA	-12.7426 uA	740.782 uA	12.37	uA	3.48	-12.7946 uA	740.137 uA	12.39	3.51	0.09%									
51006	22_5_wwuDN_stdby_M2	5 uA	60 uA	9.793765 uA	487.858 uA	18.79	uA	3.28	9.837811 uA	489.81 uA	18.71	3.29	0.08%									
77000	Regulators_ALARM	0	0	0	0	0	n/a	n/a	0	0	0	n/a	n/a	0	0	0	0	n/a	n/a			
77001	4_1_V1_M1	4.5 V	5.5 V	5.30326 V	5.3825 V	31.93	V	30.92	5.008596 V	5.42397 V	30.73	30.19	0.05%									
77002	5_1_V2_M1	4.5 V	5.5 V	5.093104 V	10.7713 V	15.47	V	12.59	5.094327 V	11.034 V	15.1	12.26	0.12%									
77003	V1LT0mA_6V_M1	4.85 V	5.15 V	5.007935 V	5.3178 V	9.4	V	8.91	5.008382 V	5.444 V	9.18	8.67	0.15%									
77004	V2LT0mA_6V_M1	4.675 V	5.325 V	5.092749 V	10.7474 V	10.08	V	7.2	5.093906 V	11.0745 V	9.78	6.96	0.18%									
77005	V1LTcmp2mA_6V_M1	4.85 V	5.15 V	4.991802 V	5.37906 V	9.3	V	8.79	4.992161 V	5.5299 V	9	8.53	0.12%									
77006	V2LT1mA_6V_M1	4.675 V	5.325 V	4.994468 V	11.0665 V	9.79	V	9.62	4.995489 V	11.4279 V	9.48	9.35	0.16%									
77007	8V1HTcmp6mA_6V_M1	4.9 V	5.2 V	5.038133 V	6.01496 V	8.31	V	7.66	5.038308 V	6.12718 V	8.16	7.53	0.06%									
77008	V1HT50mA_6V_M1	4.85 V	5.1 V	4.979807 V	11.0723 V	6.83	V	5.4	4.979126 V	5.01824 V	6.64	5.26	0.07%									
77009	V2Tol25mA_6V_M1	4.85 V	5.1 V	4.916243 V	8.94529 V	5.99	V	2.47	4.917086 V	9.30318 V	5.7	2.4	0.20%									
77010	V1HT100mA_6V_M1	4.9 V	5.1 V	4.978898 V	4.90555 V	6.8	V	5.36	4.979053 V	5.03575 V	6.62	5.23	0.08%									
77011	V2Tol50mA_6V_M1	4.8 V	5.2 V	4.914923 V	8.91664 V	7.48	V	4.3	4.915812 V	9.31855 V	7.15	4.14	0.22%									
77012	V2Tol100mA_6V_M1	4.5 V	5.5 V	4.87792 V	12.1982 V	13.66	V	10.33	4.878985 V	12.6845 V	13.14	9.96	0.11%									
77013	V1HT250mA_6V_M1	4.85 V	5.15 V	4.974337 V	11.2935 V	4.43	V	3.67	4.972416 V	9.95706 V	5.02	4.1	0.64%									
77014	4_3_V1LT0mA_13p5V_M1	4.85 V	5.15 V	5.007951 V	5.3101 V	9.42	V	8.92	5.008454 V	5.43719 V	9.2	8.68	0.17%									
77015	5_2_V2LT0mA_13p5V_M1	4.675 V	5.325 V	5.092775 V	10.7231 V	10.11	V	7.22	5.093973 V	11.0709 V	9.79	6.96	0.18%									
77016	4_3_V1LTcmp2mA_13p5V_M1	4.85 V	5.15 V	4.991989 V	5.3825 V	9.29	V	8.79	4.992339 V	5.5329 V	9.03	8.57	0.12%									
77017	5_2_V2LT1mA_13p5V_M1	4.675 V	5.325 V	4.995464 V	11.1584 V	9.71	V	9.57	4.996468 V	11.4621 V	9.45	9.35	0.15%									
77018	8_4_V1HT1cmp6mA_13p5V_M1	4.9 V	5.2 V	5.038651 V	6.00881 V	8.32	V	7.69	5.038799 V	6.12909 V	8.16	7.55	0.05%									
77019	4_4_V1HT50mA_13p5V_M1	4.9 V	5.1 V	4.978538 V	4.91957 V	6.78	V	5.32	4.978915 V	5.09204 V	6.55	5.17	0.19%									
77020	5_3_V2Tol25mA_13p5V_M1	4.85 V	5.15 V	4.913505 V	7.96968 V	6.27	V	2.73	4.914846 V	10.5272 V	4.75	2.05	0.15%									
77021	4_4_V1HT100mA_13p5V_M1	4.9 V	5.1 V	4.977376 V	5.19739 V	6.41	V	4.96	4.977222 V	5.68562 V	5.86	4.53	0.08%									
77022	5_4_V2Tol50mA_13p5V_M1	4.8 V	5.2 V	4.914255 V	7.17096 V	9.3	V	5.23	4.914846 V	12.4285 V	5.36	2.99	0.21%									
77023	5_3_V2Tol100mA_13p5V_M1	4.8 V	5.2 V	4.888399 V	12.8233 V	5.2	V	3.3	4.889349 V	13.0563 V	5.1	2.28	0.18%									
77024	4_5_V1HT250mA_13p5V_M1	4.85 V	5.15 V	4.978508 V	10.8548 V	4.61	V	3.93	4.976051 V	9.40242 V	5.32	4.47	0.67%									
77025	V1LT0A_28V_M1	4.85 V	5.15 V	5.008185 V	5.32192 V	9.4	V	8.88	5.008717 V	5.42668 V	9.21	8.68	0.18%									
77027	V1LTcmp2mA_28V_M1	4.85 V	5.15 V	4.99234 V	5.42683 V	9.21	V	8.74	4.992733 V	5.53696 V	9.03	8.59	0.13%									
77028	V2LT1mA_28V_M1	4.675 V	5.325 V	4.996314 V	11.1912 V	9.68	V	9.57	4.99736 V	11.4349 V	9.47	9.4	0.16%									
77029	8V1HT1cmp6mA_28V_M1	4.9 V	5.2 V	5.039397 V	6.016 V	8.31	V	7.72	5.039573 V	6.1114 V	8.18	7.61	0.06%									
77030	V1HT50mA_28V_M1	4.9 V	5.1 V	4.982058 V	8.55258 V	3.91	V	3.2	4.982655 V	8.98114 V	3.71	3.07	0.30%									
77031	V2Tol25mA_28V_M1	4.85 V	5.15 V	4.919167 V	7.97899 V	6.91	V	3.68	4.911144 V	11.8723 V	4.8	1.72	0.18%									
77032	V1HT100mA_28V_M1	4.9 V	5.1 V	4.976703 V	5.53784 V	6.02	V	4.62	4.976295 V	5.11564 V	6.52	4.97	0.18%									
77033	V2Tol50mA_28V_M1	4.8 V	5.2 V	4.905094 V	8.43843 V	7.9	V	4.15	4.904377 V	14.0667 V	4.74	2.47	0.18%									
77034	V2Tol100mA_28V_M1	4.5 V	5.5 V	4.891497 V	12.5122 V	13.32	V	10.43	4.892512 V	12.7223 V	13.1	10.28	0.10%									
77035	V1STBLT0mA_6V_M2	4.85 V	5.15 V	5.00307 V	5.26315 V	9.5	V	9.31	5.004029 V	5.38356 V	9.29	9.04	0.32%									
77036	V1STBLT6mA_6V_M2	4.85 V	5.15 V	4.952857 V	5.75485 V	8.69	V	5.96	4.953823 V	5.8611 V	8.53	5.91	0.32%									
77037	V1STBHT18mA_6V_M2	4.9 V	5.1 V	4.975992 V	8.92652 V	3.73	V	2.83	4.976797 V	9.07893 V	3.67	2.82	0.44%									
77038	V1STBHT50mA_6V_M2	4.9 V	5.1 V	4.971997 V	4.81964 V	6.92	V	4.98	4.972754 V	4.94881 V	6.74	4.9	0.98%									
77039	V1STBHT100mA_6V_M2	4.9 V	5.1 V	4.971959 V	4.84038 V	6.89	V	4.95	4.972709 V	4.9508 V	6.73	4.89	0.37%									
77040	4_3_V1STBLT0mA_13p5V_M2	4.85 V	5.15 V	5.002692 V	5.30187 V	9.43	V	9.26	5.003671 V	5.36188 V	9.33	9.1	0.33%									
77041	4_3_V1STBLT6mA_13p5V_M2	4.85 V	5.15 V	4.952901 V	5.73985 V	8.71	V	5.98	4.953862 V	5.83962 V	8.56	5.93	0.32%									
77042	4_4_V1STBHT18mA_13p5V_M1	4.9 V	5.1 V	4.977066 V	9.92441 V	3.36	V	2.59	4.978041 V	10.0923 V	3.3	2.58	0.49%									
77043	4_4_V1STBHT50mA_13p5V_M1	4.9 V	5.1 V	4.971562 V	4.82621 V	6.91	V	4.94	4.972342 V	4.94703 V	6.74	4.87	0.39%									
77044	4_4_V1STBHT100mA_13p5V_M1	4.9 V	5.1 V	4.971302 V	4.84463 V	6.88	V	4.91	4.972065 V	4.94567 V	6.74	4.86	0.38%									
77045	V1STBLT0mA_28V_M2	4.85 V	5.15 V	5.002526 V	5.27485 V	9.48	V	9.32	5.003478 V	5.38525 V	9.28	9.07	0.18%									
77046	V1STBLT6mA_28V_M2	4.85 V	5.15 V	4.953372 V	5.73589 V	8.72	V	6.01	4.954354 V	5.8473 V	8.55	5.95	0.33%									
77047	V1STBHT18mA_28V_M2	4.9 V	5.1 V	4.980562 V	11.7585 V	2.83	V	2.28	4.981644 V	11.8603 V	2.81	2.29	0.54%									
77048	V1STBHT50mA_28V_M2	4.9 V	5.1 V	4.970991 V	4.83256 V	6.9	V	4.9	4.971793 V	4.97049 V	6.71	4.81	0.40%									
77049	V1STBHT100mA_28V_M2	4.9 V	5.1 V	4.970311 V	4.84014 V	6.89	V	4.84	4.971015 V	4.95479 V	6.73	4.78	0.35%									
77050	4_6_V1DP_50mA_M3	8																				

Test	Name	Low Limit	units	High Limit	units	AGRATE_DATA					AMK_DATA					ISR (AMK value- agr value)/(USL-LSL)*100					Remarks	
						Mean	units	Sigma	units	Cp	Cpk	Mean	units	Sigma	units	Cp	Cpk	%	5%	15%	20%	
55002	5_5_RSTh4+ M1	4.87	V	4.87	V	4.76112	V	2.32	2.32	14.76112	V	2.32	2.32	14.76112	V	2.32	2.32	0.00%				
55003	RSTh4hy_M1	200	mV	800	mV	507.3016	mV	2.74679	mV	36.41	35.52	507.7963	mV	2.81465	mV	35.53	34.61	0.00%				
55004	6_3_RSTh3- M2	3.75	V	4.2	V	3.882656	V	11.6677	V	6.43	3.79	3.882597	V	11.703	V	6.41	3.78	0.01%				
55005	RSTh3+ M2	4.67	V	4.87	V	4.761961	V	14.4294	V	2.31	2.12	4.762024	V	14.4037	V	2.31	2.13	0.03%				
55006	RSTh3hy_M2	500	mV	1100	mV	879.3062	mV	3.79355	mV	26.36	19.39	879.4241	mV	3.72562	mV	26.84	19.74	0.02%				
55007	6_2_RSTh2- M3	3.55	V	4	V	3.672882	V	12.5143	V	5.99	3.27	3.672813	V	12.4811	V	6.01	3.28	0.02%				
55008	RSTh2+ M3	4.67	V	4.87	V	4.762473	V	14.4153	V	2.31	2.14	4.762714	V	14.3975	V	2.32	2.15	0.12%				
55009	RSTh2hy_M3	700	mV	1300	mV	1089.591	mV	7.2397	mV	21.31	14.81	1.089.9	mV	4.66763	mV	11.42	15.51	0.05%				
55010	6_1_RSTh1- M4	3.25	V	3.7	V	3.415568	V	13.9598	V	5.37	3.95	3.414806	V	13.5923	V	5.52	4.04	0.17%				
55011	RSTh1+ M4	4.67	V	4.87	V	4.773415	V	14.5021	V	2.3	2.22	4.773969	V	14.4509	V	2.31	2.22	0.28%				
55012	RSTh1hy_M4	1	V	1.6	V	1.357847	V	7.22622	V	13.84	11.17	1.359163	V	6.59171	V	15.17	12.18	0.22%				
55013	RSTh-mon_M4	1		1		1		0	n/a	n/a		1		0	n/a	n/a						
55014	RSTh+dVmin_M4	-50	mV	50	mV	1.049694	mV	1.54375	mV	10.8	10.57	0.993934	mV	1.60427	mV	10.39	10.18	0.06%				
55015	RSTh+dVmax_M4	-50	mV	50	mV	-10.9634	mV	2.90002	mV	5.75	4.49	-11.2756	mV	2.94217	mV	5.66	4.39	0.31%				
55016	6_5_RTSlow_M5	0.01	V	0.4	V	0.311469	V	6.30513	V	4.02	1.83	0.302813	V	6.22959	V	10.43	5.2	2.22%				
55017	RTShigh_M5	4.8	V	5.2	V	5.000152	V	5.41329	V	12.32	12.31	5.000124	V	5.42523	V	12.29	12.26	0.01%				
55018	6_7_RTSpup_M5	10	KOhms	30	KOhms	23.90597	KOhms	595.135	KOhms	5.6	3.41	23.87258	KOhms	589.726	KOhms	5.65	3.46	0.17%				
55019	6_10_RTSpulse_M6	1.5	ms	2.5	ms	2.000238	ms	67.9166	ms	2.45	2.45	2.000104	ms	66.0284	ms	2.52	2.52	0.01%				
55020	27_2_DiR1vth_M7	1.2	V	2.3	V	1.804107	V	8.25426	V	22.21	20.03	1.804446	V	8.45269	V	21.69	19.54	0.03%				
55021	27_1_DiR1vth_M7	1	V	1.7	V	1.34052	V	3.82728	V	30.48	29.66	1.340084	V	3.66968	V	31.79	30.89	0.06%				
55022	27_3_DiR1vth_M7	200	mV	600	mV	463.5865	mV	8.03356	mV	8.3	5.66	464.3619	mV	8.36321	mV	7.97	5.41	0.19%				
55023	27_2_DiR2vth_M8	1.2	V	2.3	V	1.806653	V	9.57467	V	19.15	17.18	1.80886	V	9.81816	V	18.67	16.71	0.09%				
55024	27_2_DiR2vth_M8	1.7	V	1.7	V	1.342983	V	12.2983	V	15.81	13.41937	V	6.151719	V	18.51	18.51	0.12%					
55025	27_3_DiR2vth_M8	200	mV	600	mV	463.685	mV	8.41778	mV	7.92	5.4	465.7083	mV	9.31079	mV	7.16	4.81	0.51%				
55026	27_2_DiR3vth_M9	1.2	V	2.3	V	1.809775	V	10.001	V	18.33	16.34	1.81021	V	10.0294	V	18.28	16.28	0.04%				
55027	27_1_DiR3vth_M9	1	V	1.7	V	1.341575	V	5.54372	V	21.04	20.54	1.340757	V	4.49421	V	25.96	25.27	0.12%				
55028	27_3_DiR3vth_M9	200	mV	600	mV	468.1997	mV	9.92551	mV	6.72	4.43	469.453	mV	9.98852	mV	6.67	4.36	0.31%				
55029	27_3_PWMHvth_M9	1.2	V	2.3	V	1.802335	V	6.84858	V	26.77	24.22	1.80244	V	6.88288	V	26.64	24.1	0.01%				
55030	27_3_PWMHvth_M9	1.7	V	1.7	V	1.340435	V	5.5909	V	22.61	22.05	1.340005	V	4.33965	V	26.88	26.15	0.10%				
55031	27_3_PWMHvth_M9	200	mV	600	mV	461.697	mV	6.36053	mV	10.47	7.38	461.9355	mV	6.41588	mV	10.39	7.17	0.07%				
55032	DEBUGvth_M9	7.4	V	9.4	V	8.457314	V	12.6151	V	26.42	24.91	8.456494	V	12.7174	V	26.21	24.73	0.06%				
55033	DEBUGvth_M9	6.1	V	8.4	V	7.664093	V	11.3228	V	33.86	21.66	7.663562	V	11.2983	V	33.93	21.73	0.02%				
55034	DEBUGvth_M9	600	mV	1000	mV	793.2208	mV	9.50015	mV	7.02	6.78	792.9313	mV	9.56411	mV	6.97	6.72	0.07%				
55035	28_2_DEBUG2vth_M9	1.2	V	2.3	V	1.758228	V	6.02213	V	30.44	29.99	1.758107	V	6.04589	V	30.32	29.88	0.01%				
55036	28_1_DEBUG2vth_M9	1	V	1.7	V	1.35647	V	7.7377	V	15.08	14.8	1.356872	V	7.34372	V	15.89	15.57	0.06%				
55037	28_4_DEBUG2vth_M9	200	mV	600	mV	401.7581	mV	7.23608	mV	9.21	9.13	401.2342	mV	6.87878	mV	9.69	9.63	0.13%				
55038	28_4_RotDEBUG_M9	2.5	KOhms	7.5	KOhms	4.679869	KOhms	107.741	KOhms	7.72	6.74	4.67817	KOhms	107.879	KOhms	7.72	6.73	0.03%				
55000	CP_ALARM	0		0		0		0	n/a	n/a		0		0	n/a	n/a						
78001	9_1_VCP_V56V_M1	12	V	14.5	V	13.34954	V	196.051	V	2.13	1.96	13.57427	V	70.8979	V	5.88	4.35	0.50%	x			Both AGR and AMK CPK >1.66, mean minor drift suspect related to contact. Accepted
78002	9_1_VCP_V510V_M1	21	V	23.5	V	21.91388	V	59.9882	V	6.95	5.08	21.91839	V	60.294	V	6.91	5.08	0.18%				
78003	9_1_VCP_V518V_M1	29	V	31.5	V	29.97116	V	60.3011	V	6.91	5.37	29.97064	V	60.3995	V	6.9	5.39	0.20%				
78004	9_2_ICP_M2	22.5	mA	70	mA	30.3092	mA	1.05769	mA	7.48	2.46	30.2785	mA	1.05856	mA	7.48	2.45	0.06%				
78005	9_3_ICPvth_M3	25	mA	70	mA	36.57907	mA	1.11425	mA	6.73	3.46	36.5213	mA	1.10778	mA	6.77	3.47	0.13%				
78006	detactICP/M3	0.2	mA	50	mA	6.269872	mA	828.403	mA	10.02	2.44	6.242074	mA	829.392	mA	1.87	2.43	0.00%				
78007	9_4_VCPvth_M4	16.5	V	17.5	V	16.80922	V	36.2955	V	4.6	2.84	16.81381	V	34.2271	V	4.67	3.06	0.46%				
78020	P_AMR_F501_M1	30	V	40	V	35.25516	V	54.172	V	30.77	29.2	35.25068	V	54.3562	V	30.66	29.12	0.04%				
78021	P_AMR_F502_M1	30	V	40	V	35.25674	V	54.396	V	30.64	29.07	35.25166	V	54.7015	V	30.47	28.93	0.05%				
78008	21_2_Ron_F51_M1	0.9	Ohm	1.7	Ohm	1.064767	Ohm	33.1733	Ohm	4.02	1.66	1.072715	Ohm	27.8604	Ohm	4.79	2.07	0.99%				
78009	21_2_Ron_F52_M1	0.9	Ohm	1.7	Ohm	1.068539	Ohm	36.3014	Ohm	3.67	1.55	1.070163	Ohm	28.015	Ohm	4.76	2.02	0.20%				
78010	21_5_TonHt_F51_M2	0.1	uS	100	uS	1.327508	uS	51.8946	uS	320.8	7.88	1.32342	uS	52.071	uS	319.8	7.83	0.00%				
78011	21_5_TonHt_F52_M2	0.1	uS	100	uS	1.292286	uS	48.5708	uS	342.8	8.18	1.313385	uS	57.528	uS	289.4	7.03	0.00%				
78012	21_6_TonHt_F51_M2	0.1	uS	100	uS	0.974745	uS	45.7219	uS	364.2	6.38	0.854413	uS	32.2583	uS	516.1	7.8	0.12%				
78013	21_6_TonHt_F52_M2	0.1	uS	100	uS	0.815592	uS	38.1181	uS	436.8	6.26	0.737995	uS	41.0141	uS	406	5.18	0.08%				
78014	VINTA_F50_M3	3	V	3.65	V	3.309237	V	18.9369	V	5.72	5.44	3.31078	V	18.4517	V	5.87	5.61	0.24%				
78015	VINTO_F50_M3	3	V	3.65	V	3.287086	V	18.5758	V	5.83	5.15	3.288696	V	18.0584	V	6	5.33	0.25%				
78016	21_4_IOLimit_F51_M4	500	mA	1500	mA	1018.084	mA	23.4564	mA	7.11	6.85	1023.693	mA	23.5919	mA	7.06	6.73	0.56%				
78017	21_4_IOLimit_F52_M4	500	mA	1500	mA	1029.219	mA	23.4668	mA	7.1	6.69	1030.631	mA	23.794	mA	7	6.58	0.14%				
78018	POW_F50_M5	2.45	V	3.75	V	3.258406	V	28.7809	V	7.53	5.69	3.259537	V	29.8589	V	7.26	5.48	0.09%				
78019	POW_F50_M5	2.45	V	3.75	V	3.22398	V	25.476	V	8.5	6.88	3.22514	V	25.2179	V	8.59	6.94	0.09%				
62000	RonDRIVERS_ALARM	0		0		0		0	n/a	n/a		0		0	n/a	n/a						
62001	10_5_R07h_M1	0.7	Ohms	1.8	Ohms	1.031034	Ohms	10.9676	Ohms	16.72	10.06	1.033137	Ohms	11.0007	Ohms	16.67	10.09	0.19%				
62002	10_5_R07i_M1	0.15	Ohms	0.7	Ohms	0.298473	Ohms	3.19301	Ohms	28.71	15.5	0.299558	Ohms	3.20186	Ohms	28.63	15.57	0.20%				
62003	dR07_M1	0.2	Ohms	2	Ohms	0.732558	Ohms	7.83031	Ohms	38.31	22.67	0.733555	Ohms	7.8392	Ohms	38.27	22.69	0.06%				
62004	10_6_R08h_M1</																					

Test	Name	Low Limit	units	High Limit	units	AGRATE_DATA					AMK_DATA					ISR (AMK value-AGR value)/(USL-LSL)*100					Remarks	
						Mean	units	Sigma	units	Cp	Cpk	Mean	units	Sigma	units	Cp	Cpk	%	5%	15%	20%	
63012	10_1_RonOGLS_M4	0	0 Ohms	0	0 Ohms	0.208881	0	2.0117	0 Ohms	24.85	18.04	0.209107	0 Ohms	2.08025	0 Ohms	24.04	17.49	0.08%				
71000	CurrMonDRIVERS_ALARM	0	0	0	0	0		0	n/a	n/a	18.04	0	0	0	n/a	n/a	17.49	0.08%				
71009	12_25_07HSolH_M3	15	mA	60	mA	36.84219	mA	3.59435	mA	2.09	2.03	36.82539	mA	3.59622	mA	2.09	2.02	0.04%				
71010	12_26_07HSolH_M3	5	mA	15	mA	10.55404	mA	1.02814	mA	1.62	1.44	10.5444	mA	1.03027	mA	1.62	1.44	0.10%				
71011	07diol_M3	1	mA	60	mA	26.28816	mA	2.57247	mA	3.82	3.28	26.28098	mA	2.57292	mA	3.82	3.28	0.01%				
71012	12_7_07HSocH_M3	1.5	A	2.5	A	2.001949	A	44.5923	A	3.74	3.72	2.004006	A	44.7159	A	3.73	3.7	0.21%				
71013	12_8_07HSocL_M3	0.35	A	0.65	A	0.492665	A	11.1259	A	4.49	4.27	0.493138	A	11.04	A	4.53	4.32	0.16%				
71014	07diol_M3	0.5	A	2	A	1.509394	A	33.8134	A	7.39	4.84	1.510867	A	34.002	A	7.3	4.8	0.15%				
71015	12_27_08HSolH_M1	10	mA	45	mA	29.48558	mA	2.37805	mA	2.45	2.17	29.49194	mA	2.35866	mA	2.47	2.19	0.02%				
71016	12_28_08HSolH_M1	5	mA	15	mA	9.69339	mA	1.12137	mA	1.49	1.4	9.697728	mA	1.11686	mA	1.49	1.4	0.04%				
71017	08diol_M1	1	mA	50	mA	19.79219	mA	1.30107	mA	6.28	4.81	19.79421	mA	1.28808	mA	6.34	4.86	0.00%				
71018	12_9_08HSocH_M1	0.7	A	1.3	A	1.003425	A	22.9711	A	4.35	4.3	1.003205	A	22.7427	A	4.4	4.35	0.04%				
71019	12_10_08HSocL_M1	0.35	A	0.65	A	0.495609	A	11.3383	A	4.41	4.28	0.495543	A	11.3644	A	4.4	4.27	0.02%				
71020	08diol_M1	0.05	A	1	A	0.507816	A	11.9949	A	13.2	12.72	0.507662	A	11.7624	A	13.46	12.97	0.02%				
71021	12_29_09HSolH_M5	6	mA	12	mA	7.751576	mA	305.765	mA	3.27	1.91	7.753885	mA	309.339	mA	3.23	1.89	0.03%				
71022	12_30_09HSolH_M5	0.5	mA	4	mA	1.235893	mA	152.913	mA	3.81	1.6	1.234951	mA	151.944	mA	3.84	1.61	0.05%				
71023	09diol_M5	2	mA	20	mA	6.516681	mA	246.713	mA	12.16	6.1	6.518934	mA	249.351	mA	12.03	6.04	0.01%				
71024	12_11_09HSocH_M5	0.35	A	0.7	A	0.533364	A	10.9002	A	5.35	5.09	0.533314	A	10.8104	A	5.4	5.14	0.01%				
71025	12_12_09HSocL_M5	0.15	A	0.3	A	0.233854	A	5.14711	A	4.86	4.29	0.233775	A	5.12552	A	4.88	4.31	0.05%				
71026	09diol_M5	0.05	A	0.5	A	0.299692	A	6.38024	A	11.76	10.47	0.299725	A	6.32203	A	11.86	10.56	0.01%				
71027	12_31_010HSolH_M2	10	mA	30	mA	18.30823	mA	679.308	mA	4.91	4.08	18.30785	mA	679.82	mA	4.9	4.07	0.00%				
71028	12_32_010HSolH_M2	0.3	mA	4	mA	0.912241	mA	182.258	mA	3.38	1.17	0.904674	mA	182.328	mA	3.38	1.19	0.20%				
71029	01diol_M2	50	mA	50	mA	17.36699	mA	604.441	mA	12.41	6.82	17.3591	mA	605.933	mA	12.38	6.8	0.02%				
71030	12_13_010HSocH_M2	0.5	A	1	A	0.766791	A	15.1628	A	5.5	5.13	0.767135	A	15.1349	A	5.51	5.13	0.07%				
71031	12_14_010HSocL_M2	0.25	A	0.5	A	0.386186	A	8.01718	A	5.2	4.73	0.386269	A	8.05737	A	5.17	4.71	0.03%				
71032	01diol_M2	0.2	A	1	A	0.380605	A	8.12473	A	16.41	7.41	0.380866	A	8.05374	A	16.56	7.49	0.03%				
71033	12_33_011HSolH_M6	6	mA	12	mA	8.321013	mA	296.135	mA	3.38	2.61	8.30878	mA	294.797	mA	3.39	2.61	0.20%				
71034	12_34_011HSolH_M6	0.85	mA	4	mA	1.761547	mA	123.306	mA	4.26	2.46	1.756942	mA	125.833	mA	4.17	2.4	0.15%				
71035	011diol_M6	2	mA	20	mA	6.556138	mA	237.072	mA	12.65	6.41	6.556337	mA	234.996	mA	12.77	6.46	0.04%				
71036	12_15_011HSocH_M6	0.5	A	0.5	A	0.378602	A	7.65992	A	5.44	5.39	0.378942	A	7.74992	A	5.38	5.22	0.09%				
71037	12_16_011HSocL_M6	0.25	A	0.3	A	0.230525	A	4.8008	A	5.21	4.83	0.230542	A	4.86464	A	5.14	4.77	0.01%				
71038	011diol_M6	0.05	A	0.5	A	0.148034	A	3.88938	A	19.28	8.41	0.148224	A	3.87749	A	19.34	8.45	0.04%				
71039	12_33_012HSolH_M4	6	mA	12	mA	7.911224	mA	305.011	mA	3.28	2.09	7.925554	mA	308.645	mA	3.24	2.08	0.24%				
71040	12_34_012HSolH_M4	0.85	mA	4	mA	1.539381	mA	136.977	mA	3.83	1.68	1.549649	mA	137.135	mA	3.83	1.7	0.33%				
71041	012diol_M4	2	mA	20	mA	6.371842	mA	236.69	mA	12.67	6.16	6.375905	mA	238.194	mA	12.59	6.12	0.02%				
71042	12_15_012HSocH_M4	0.25	A	0.5	A	0.3821	A	8.0743	A	5.16	4.87	0.383107	A	8.03745	A	5.18	4.89	0.01%				
71043	12_16_012HSocL_M4	0.3	A	0.5	A	0.230898	A	5.02087	A	4.97	4.58	0.230856	A	5.09514	A	4.99	4.5	0.05%				
71044	012diol_M4	0.05	A	0.5	A	0.151247	A	4.02668	A	18.63	8.38	0.151251	A	3.95568	A	18.95	8.53	0.00%				
71045	12_29_013HSolH_M7	6	mA	12	mA	7.627595	mA	314.971	mA	3.17	1.72	7.635736	mA	317.601	mA	3.15	1.72	0.14%				
71046	12_30_013HSolH_M7	0.5	mA	4	mA	1.21353	mA	155.383	mA	3.75	1.53	1.217139	mA	155.836	mA	3.74	1.53	0.10%				
71047	013diol_M7	2	mA	20	mA	6.414065	mA	253.644	mA	11.83	5.8	6.418597	mA	255.636	mA	11.74	5.76	0.03%				
71048	12_11_013HSocH_M7	0.35	A	0.7	A	0.533995	A	10.6491	A	5.48	5.19	0.533688	A	10.6298	A	5.49	5.21	0.09%				
71049	12_12_013HSocL_M7	0.15	A	0.3	A	0.235617	A	4.98923	A	5.01	4.44	0.235502	A	5.01217	A	4.99	4.43	0.08%				
71050	013diol_M7	0.05	A	0.5	A	0.300579	A	6.34047	A	11.84	10.5	0.300582	A	6.31371	A	11.57	10.54	0.00%				
71051	12_29_014HSolH_M8	6	mA	12	mA	7.622954	mA	310.97	mA	3.22	1.74	7.635063	mA	315.943	mA	3.17	1.73	0.20%				
71052	12_30_014HSolH_M8	0.5	mA	4	mA	1.20993	mA	150.738	mA	3.87	1.57	1.210884	mA	153.865	mA	3.79	1.54	0.03%				
71053	014diol_M8	2	mA	20	mA	6.413024	mA	250.11	mA	11.99	5.88	6.42418	mA	257.481	mA	11.65	5.73	0.06%				
71054	12_11_014HSocH_M8	0.35	A	0.7	A	0.521183	A	10.3638	A	5.63	5.53	0.522171	A	10.4827	A	5.56	5.48	0.10%				
71055	12_12_014HSocL_M8	0.15	A	0.3	A	0.229243	A	4.92435	A	5.08	4.8	0.229459	A	4.88412	A	5.12	4.82	0.14%				
71056	014diol_M8	0.05	A	0.5	A	0.292761	A	6.05708	A	12.38	11.4	0.292877	A	6.20725	A	12.08	11.12	0.03%				
71057	12_33_015HSolH_M9	6	mA	12	mA	8.325821	mA	289.976	mA	3.45	2.67	8.326536	mA	291.566	mA	3.43	2.66	0.01%				
71058	12_34_015HSolH_M9	0.85	mA	4	mA	1.499719	mA	117.874	mA	4.45	1.84	1.500252	mA	116.823	mA	4.49	1.86	0.05%				
71059	015diol_M9	2	mA	20	mA	6.826104	mA	210.026	mA	14.28	7.66	6.826283	mA	214.696	mA	13.97	7.49	0.00%				
71060	12_15_015HSocH_M9	0.25	A	0.5	A	0.395132	A	8.18241	A	5.09	4.28	0.396995	A	7.99044	A	5.21	4.31	0.75%				
71061	12_16_015HSocL_M9	0.15	A	0.3	A	0.236823	A	5.15486	A	4.85	4.09	0.237912	A	4.99829	A	5	4.14	0.73%				
71062	015diol_M9	0.015	A	0.5	A	0.158131	A	3.65992	A	22.09	13.04	0.158908	A	3.66413	A	22.06	13.09	0.18%				
71063	12_33_015HSolH_MA	6	mA	12	mA	8.445232	mA	278.611	mA	3.59	2.93	8.420196	mA	278.866	mA	3.59	2.89	0.44%				
71064	12_34_015HSolH_MA	0.85	mA	4	mA	1.704501	mA	107.37	mA	4.89	2.65	1.697984	mA	101.519	mA	5.17	2.78	0.21%				
71065	015diol_MA	0.15	mA	20	mA	6.740731	mA	14.43	mA	7.6	7.6	6.722356	mA	212.205	mA	14.14	7.42	0.10%				
71066	12_15_015HSocH_MA	0.25	A	0.5	A	0.391781	A	8.02648	A	5.19	4.5	0.391925	A	7.85565	A	5.3	4.6	0.06%				
71067	12_16_015HSocL_MA	0.15	A	0.3	A	0.233956	A	5.0439	A	4.96	4.37	0.234109	A	4.92423	A	5.08	4.47	0.10%				
71068	015diol_MA	0.015	A	0.5	A	0.157678	A	4.23376	A	19.09	11.23	0.157646	A	4.16263	A	19.42	11.42	0.01%				
72000	CurrMonHcDRIVERS_ALARM	0	0	0	0																	

Test	Name	Low Limit	units	High Limit	units	AGRATE DATA					AMK DATA					ISR [AMK value-AGR value]/(USL-LSL)*100					Remarks	
						Mean	units	Sigma	units	Cp	Cpk	Mean	units	Sigma	units	Cp	Cpk	%	5%	15%	20%	
72020	12_4_OSLSoc1_M7		5 A		5 A	4.165497	A	4.165497	A	2.9	2.44	4.156819	A	4.156819	A	2.96	2.51					
72021	OSLSoc2_M7	0.5 A	5 A		5 A	2.845285	A	140.8888	A	5.32	5.1	2.844127	A	141.097	A	5.32	5.09					
72022	OSLSoc2_M7	0.5 A	5 A		5 A	2.054972	A	79.3018	A	9.46	6.54	2.053696	A	78.9136	A	9.5	6.56					
72023	12_22_O6LSol_M8	10 mA	80 mA		80 mA	47.44107	mA	6.51478	mA	1.79	1.67	47.11613	mA	6.48001	mA	1.8	1.69					
72024	12_1_O6LSoc_M8	3 A	5 A		5 A	4.129831	A	108.377	A	3.08	2.68	4.123219	A	116.892	A	2.85	2.5					
52000	LIN_BUS_ALARM	0	0		0	0		0		n/a	n/a	0		0		n/a	n/a					
52001	24_1_VTXDlow_M1	1 V	2 V		2 V	1.149984	V	5.94826	V	28.02	8.41	1.149588	V	3.59968	V	46.42	13.89					
52002	24_4_VTXDhigh_M1	1.4 V	3 V		3 V	1.665497	V	8.49012	V	17.60	10.43	1.663496	V	7.18452	V	20.82	12.21					
52003	24_3_VTXDhigh_M1	200 mV	600 mV		600 mV	515.2722	mV	71.1601	mV	9.97	3.97	513.6515	mV	7.0548	mV	9.45	4.06					
52004	24_11_VRXDhigh_M1	4.5 V	5.2 V		5.2 V	4.820362	V	6.56633	V	17.77	16.26	4.821771	V	6.59913	V	17.68	16.25					
52005	24_10_VRXDlow_M1	0.01 V	0.5 V		0.5 V	0.167382	V	11.9322	V	6.84	4.4	0.161786	V	3.10929	V	26.27	16.27					
52006	24_4_VTXDpd_M1	13 KOHms	46 KOHms		46 KOHms	31.71995	KOHms	889.801	KOHms	6.18	5.35	31.68335	KOHms	899.345	KOHms	6.12	5.31					
52007	24_20_VTHdom_M2	2.4 V	3 V		3 V	2.652259	V	3.09135	V	32.35	27.23	2.65166	V	4.05569	V	24.66	20.71					
52008	24_22_VTHrec_M2	3 V	3.6 V		3.6 V	3.372992	V	790.859	V	126.4	95.54	3.372973	V	611.131	V	163.6	123.6					
52009	24_24_VTHys_M2	420 mV	1050 mV		1050 mV	720.7501	mV	3.07336	mV	34.16	32.62	721.3464	mV	4.0188	mV	26.13	24.99					
52010	24_25_VTHcont_M2	2.85 V	3.15 V		3.15 V	3.012653	V	1.65214	V	30.26	27.65	3.012367	V	2.09126	V	23.91	21.9					
52011	24_37_RUNup_M2	20 KOHms	60 KOHms		60 KOHms	45.63334	KOHms	1.19758	KOHms	5.57	4	45.54514	KOHms	1.2015	KOHms	5.55	4.01					
52012	24_35_VLINdom6V_M2	100 mV	1200 mV		1200 mV	754.2796	mV	5.32209	mV	34.45	27.92	756.5429	mV	3.59631	mV	50.98	41.1					
52013	24_36_VLINrec6V_M2	4.8 V	6 V		6 V	5.039338	V	11.4883	V	17.41	6.94	5.041684	V	11.6958	V	17.1	6.89					
52014	24_35_VLINdom13V_M2	100 mV	1200 mV		1200 mV	937.6924	mV	7.34962	mV	24.94	11.9	940.327	mV	6.51116	mV	28.16	13.29					
52015	24_36_VLINrec13V_M2	10.4 V	13 V		13 V	12.03811	V	11.6961	V	37.05	27.41	12.03918	V	11.9071	V	36.39	26.9					
52016	24_35_VLINdom18V_M2	100 mV	1200 mV		1200 mV	1057.691	mV	9.2742	mV	19.77	5.11	1062.638	mV	8.74034	mV	20.98	5.32					
52017	24_36_VLINrec18V_M2	14.4 V	18 V		18 V	17.05661	V	11.8652	V	37.06	17.07	17.07354	V	12.1445	V	49.41	26.42					
52018	24_30_ILINdomSC_M4	40 mA	180 mA		180 mA	76.29589	mA	3.60695	mA	6.47	3.35	76.13511	mA	3.59877	mA	6.48	3.35					
52019	24_31_lbus_PAS_dom_M4	-1 mA	1 mA		1 mA	0.453159	mA	11.5847	mA	28.77	15.74	0.425047	mA	9.78519	mA	34.07	19.59					
52020	24_32_lbus_PAS_rec_8V_M5	-5 uA	20 uA		20 uA	8.406511	uA	237.871	uA	17.52	16.25	8.400072	uA	238.677	uA	17.46	16.2					
52021	24_32_lbus_PAS_rec_13V_M5	-5 uA	20 uA		20 uA	4.109676	uA	115.276	uA	36.14	26.34	4.090205	uA	116.297	uA	35.83	26.05					
52022	24_32_lbus_PAS_rec_18V_M5	-5 uA	20 uA		20 uA	0.060162	uA	18.432	uA	226.1	91.51	0.034497	uA	13.5583	uA	307.3	123.8					
52023	24_50_Trxpdf_R1K_C1n_M6	0.001 uS	6 uS		6 uS	0.157307	uS	136.417	uS	7.33	5.49	3.752993	uS	137.247	uS	7.28	5.46					
52024	24_50_Trxpdf_R1K_C1n_M6	0.001 uS	6 uS		6 uS	4.131503	uS	151.66	uS	6.59	4.11	4.12406	uS	152.388	uS	6.56	4.1					
52025	24_51_Trxpd_sym_R1K_C1n_M7	-2 uS	6 uS		6 uS	0.378448	uS	27.4643	uS	24.27	19.68	0.37196	uS	27.8719	uS	23.92	19.47					
52026	24_50_Trxpdf_R660_C6n8_M6	0.001 uS	6 uS		6 uS	3.66044	uS	135.271	uS	7.39	5.77	3.661158	uS	136.059	uS	7.35	5.73					
52027	24_50_Trxpdf_R660_C6n8_M6	0.001 uS	6 uS		6 uS	4.298695	uS	165.793	uS	6.03	3.42	4.320092	uS	166.04	uS	6.02	3.37					
52028	24_51_Trxpd_sym_R660_C6n8	-2 uS	6 uS		6 uS	0.638259	uS	50.7764	uS	13.13	8.94	0.658921	uS	49.733	uS	13.4	8.99					
52029	24_50_Trxpdf_R500_C10n_M6	0.001 uS	6 uS		6 uS	3.710802	uS	138.253	uS	7.23	5.52	3.712658	uS	138.98	uS	7.19	5.49					
52030	24_50_Trxpdf_R500_C10n_M6	0.001 uS	6 uS		6 uS	3.307195	uS	167.104	uS	5.98	3.38	4.330736	uS	165.614	uS	6.04	3.36					
52031	24_51_Trxpd_sym_R500_C10n	-2 uS	6 uS		6 uS	0.590375	uS	55.8096	uS	11.82	9.37	0.618064	uS	53.5547	uS	11.45	8.65					
52032	24_52_D1_7V_R1K_C1n_M7	396 m% 400 m%	500 m%		500 m%	445.4847	m%	1.07106	m%	16.18	15.39	445.4354	m%	1.05007	m%	16.51	15.69					
52033	24_53_D2_7V_R1K_C1n_M7	400 m%	581 m%		581 m%	476.1404	m%	1.03921	m%	29.03	24.42	476.1513	m%	1.0338	m%	29.18	24.55					
52034	24_54_D3_7V_R1K_C1n_M7	417 m%	500 m%		500 m%	469.2721	m%	0.56682	m%	24.41	18.07	469.2691	m%	0.553053	m%	25.01	18.52					
52035	24_55_D4_7V_R1K_C1n_M7	400 m%	590 m%		590 m%	489.731	m%	0.561089	m%	56.44	53.31	489.748	m%	0.559471	m%	56.6	53.47					
52036	24_52_D1_13V_R1K_C1n_M7	396 m%	500 m%		500 m%	446.7222	m%	1.20208	m%	14.42	14.07	446.7148	m%	1.19113	m%	14.55	14.19					
52037	24_53_D2_13V_R1K_C1n_M7	400 m%	581 m%		581 m%	490.4566	m%	1.84549	m%	16.35	16.34	490.552	m%	1.84711	m%	16.33	16.32					
52038	24_54_D3_13V_R1K_C1n_M7	417 m%	590 m%		590 m%	469.6315	m%	0.625717	m%	22.11	18.48	469.6289	m%	0.623144	m%	20.31	16.3					
52039	24_55_D4_13V_R1K_C1n_M7	400 m%	590 m%		590 m%	497.9539	m%	1.04134	m%	30.41	29.46	498.0176	m%	1.040482	m%	30.31	29.35					
52040	24_52_D1_18V_R1K_C1n_M7	396 m%	500 m%		500 m%	448.3098	m%	1.34404	m%	12.9	12.82	448.3337	m%	1.34086	m%	12.93	12.84					
52041	24_53_D2_18V_R1K_C1n_M7	400 m%	581 m%		581 m%	502.6899	m%	2.0932	m%	14.41	12.47	502.7968	m%	2.09432	m%	14.4	12.45					
52042	24_54_D3_18V_R1K_C1n_M7	417 m%	500 m%		500 m%	470.1074	m%	0.682288	m%	20.27	14.6	470.1173	m%	0.681127	m%	20.31	14.62					
52043	24_55_D4_18V_R1K_C1n_M7	400 m%	590 m%		590 m%	504.8965	m%	1.16162	m%	27.26	24.42	504.9611	m%	1.16244	m%	27.24	24.39					
52044	24_52_D1_7V_R660_C6n8_M7	396 m%	500 m%		500 m%	416.4909	m%	1.21496	m%	14.27	5.62	416.2395	m%	1.08955	m%	16.04	6.24					
52045	24_53_D2_7V_R660_C6n8_M7	400 m%	581 m%		581 m%	490.1	m%	1.49494	m%	20.2	20.11	490.1312	m%	1.47834	m%	20.41	20.32					
52046	24_54_D3_7V_R660_C6n8_M7	417 m%	500 m%		500 m%	450.0037	m%	0.668308	m%	20.7	16.46	449.8543	m%	0.565233	m%	24.47	19.36					
52047	24_55_D4_7V_R660_C6n8_M7	400 m%	590 m%		590 m%	499.1592	m%	0.850408	m%	37.24	35.61	499.2094	m%	0.845799	m%	37.44	35.78					
52048	24_52_D1_13V_R660_C6n8_M8	396 m%	500 m%		500 m%	432.8593	m%	1.49309	m%	11.61	8.23	432.6561	m%	1.4555	m%	11.91	8.39					
52049	24_53_D2_13V_R660_C6n8_M8	400 m%	581 m%		581 m%	512.8183	m%	2.42297	m%	12.45	9.38	512.8849	m%	2.41831	m%	12.47	9.39					
52050	24_54_D3_13V_R660_C6n8_M8	417 m%	500 m%		500 m%	458.9171	m%	0.751582	m%	18.41	18.22	458.7989	m%	0.724925	m%	19.08	18.94					
52051	24_55_D4_13V_R660_C6n8_M8	400 m%	590 m%		590 m%	510.8166	m%	1.34684	m%	23.51	19.6	510.8705	m%	1.34397	m%	23.56	19.62					
52052	24_52_D1_18V_R660_C6n8_M7	396 m%	500 m%		500 m%	441.8531	m%	1.7265	m%	10.94	8.85	441.7236	m%	1.704	m%	10.17	8.94					
52053	24_53_D2_18V_R660_C6n8_M7	400 m%	581 m%		581 m%	528.3565	m%	1.42544	m%	9.6	5.98	528.475	m%	1.31365	m%	9.62	5.58					
52054	24_54_D3_18V_R660_C6n8_M7	417 m%	500 m%		500 m%	463.6073	m%	0.852487	m%	16.23	14.23	463.5279	m%	0.835013	m%	16.57	14.56					
52055	24_55_D4_18V_R660_C6n8_M8	400 m%	590 m%		590 m%	519.5047	m%	1.75897	m%	18	13.36	519.5898	m%	1.75372	m%							

Test	Name	Low Limit	units	High Limit	units	AGRATE_DATA					AMK_DATA					ISR [(AMK value-AGR value)/(USL-LSL)]*100					Remarks	
						Mean	units	Sigma	units	Cp	Cpk	Mean	units	Sigma	units	Cp	Cpk	%	5%	15%	20%	
53010	14_4_dvGH1_6V_M1				11.5	V	6.32098	V	5.48	0.6498	6.52034	V	6.52034	V	167.309	V	12.14	2.33				
53011	VG2_6V_M1		10	V	18	V	12.32253	V	167.431	V	7.96	4.62	12.51752	V	75.1326	V	17.75	11.17	2.44%			
53012	14_4_dvGH2_6V_M1		6	V	11.5	V	6.325286	V	167.531	V	5.47	0.6472	6.519319	V	74.6833	V	12.27	2.32	1.53%			
53013	14_9_dvGL1_12V_M1		8	V	11.5	V	10.48825	V	19.8085	V	29.45	17.03	10.49087	V	19.3214	V	30.19	17.41	0.07%			
53014	14_9_dvGL2_12V_M1		8	V	11.5	V	10.4914	V	19.8674	V	29.36	16.92	10.49404	V	19.4187	V	30.04	17.27	0.08%			
53015	14_9_dvGL1_6V_M1		6	V	11.5	V	10.48545	V	19.637	V	46.68	17.22	10.48803	V	19.2653	V	47.58	17.51	0.05%			
53016	14_9_dvGL2_6V_M1		6	V	11.5	V	10.48809	V	19.6807	V	46.53	17.12	10.49071	V	19.3515	V	47.37	17.39	0.05%			
53142	15_30_FPWMH_GH1_M1		25	KHz	100	KHz	50.01046	KHz	254.331	KHz	49.15	32.78	50.00952	KHz	145.348	KHz	2.76	57.35	0.01%			
53143	15_30_FPWMH_GL1_M1		25	KHz	100	KHz	50.01133	KHz	216.416	KHz	57.76	38.52	50.00961	KHz	158.727	KHz	78.75	52.52	0.00%			
53144	15_30_FPWMH_GH2_M1		25	KHz	100	KHz	50.20302	KHz	1.29551	KHz	9.65	6.48	51.30025	KHz	1.81126	KHz	6.9	4.84	1.46%			
53145	15_30_FPWMH_GL2_M1		25	KHz	100	KHz	50.00386	KHz	34.5879	KHz	361.4	241	50.00457	KHz	32.9122	KHz	379.8	253.2	0.00%			
53150	15_x_Tplat_GH1_H_M1		-200	nS	200	nS	78.14346	nS	10.007	nS	6.66	4.06	77.88219	nS	10.0666	nS	6.62	4.04	0.07%			
53151	15_x_Tplat_GH1_H_GNG_M1		1		1		1		0	n/a	n/a	1		0		n/a	n/a					
53152	15_x_Tplat_GH2_H_M1		-200	nS	200	nS	77.81997	nS	9.78452	nS	6.81	4.16	75.98878	nS	9.54604	nS	6.98	4.33	0.46%			
53153	15_x_Tplat_GH2_H_GNG_M1		1		1		1		0	n/a	n/a	1		0		n/a	n/a					
53154	15_x_Tplat_dGH1GH2_H_M1		-200	nS	200	nS	0.323488	nS	13.6574	nS	4.88	4.87	1.893408	nS	13.3637	nS	4.91	4.94	0.35%			
53155	15_x_Tplat_GH1_L_M1		-200	nS	200	nS	75.7384	nS	9.87518	nS	6.75	4.19	74.97896	nS	10.0263	nS	6.65	4.16	0.15%			
53156	15_x_Tplat_GH1_L_GNG_M1		1		1		1		0	n/a	n/a	1		0		n/a	n/a					
53157	15_x_Tplat_GH2_L_M1		-200	nS	200	nS	74.782	nS	9.55308	nS	6.98	4.37	72.80505	nS	10.0588	nS	6.63	4.22	0.49%			
53158	15_x_Tplat_GH2_L_GNG_M1		1		1		1		0	n/a	n/a	1		0		n/a	n/a					
53159	15_x_Tplat_dGH1GH2_L_M1		-200	nS	200	nS	0.956399	nS	13.6586	nS	4.88	4.86	2.173913	nS	14.0391	nS	4.75	4.7	0.30%			
53017	14_1_IGH1_M2		0.1	A	0	A	0.280291	A	29.4944	A	2.26	2.04	0.207734	A	24.7815	A	2.69	2.67	0.34%	x		Hbridge test, both AGR and AMK CPK >1.66, mean minor drift suspect cause by tester accuracy and contact related
53018	14_1_IGH2_M2		0.1	A	0	A	0.218636	A	26.0836	A	2.26	1.45	0.257755	A	24.1849	A	2.76	2.75	0.01%	x		Hbridge test, mean minor drift suspect cause by tester accuracy and contact related
53019	14_6_IGL1_M2		0.1	A	0.65	A	0.54344	A	5.49233	A	16.82	6.52	0.547755	A	9.3134	A	9.84	3.66	0.76%			
53020	14_6_IGL2_M2		0.1	A	0.65	A	0.526613	A	4.99074	A	18.37	8.24	0.537583	A	5.74251	A	15.96	6.52	1.99%			
53021	15_2_IGH1LH_M3		0.01	uS	3.5	uS	1.945281	uS	298.73	uS	1.95	1.73	1.956508	uS	299.721	uS	1.94	1.72	0.32%			
53022	15_10_IGH1r_M3		10	nS	85	nS	35.77356	nS	4.94154	nS	2.53	1.74	34.14446	nS	4.92799	nS	2.54	1.63	2.17%			
53023	15_2_TGH2LH_M3		0.01	uS	3.5	uS	1.944318	uS	298.665	uS	1.95	1.74	1.954292	uS	299.726	uS	1.94	1.72	0.29%			
53024	15_10_IGH2r_M3		10	nS	85	nS	35.59553	nS	4.79989	nS	2.6	1.64	32.68844	nS	4.32951	nS	2.89	1.73	1.59%			
53025	15_2_TGL1LH_M3		0.01	uS	3.5	uS	1.91384	uS	298.26	uS	1.95	1.77	1.932955	uS	305.031	uS	1.91	1.72	0.43%			
53026	15_12_IGH1r_M3		10	nS	85	nS	32.33474	nS	7.33479	nS	1.7	1.02	33.08555	nS	5.76886	nS	2.17	1.33	1.00%			
53027	15_2_TGL2LH_M3		0.01	uS	3.5	uS	1.914754	uS	298.099	uS	1.95	1.77	1.928233	uS	305.133	uS	1.91	1.72	0.39%			
53028	15_12_IGH2r_M3		10	nS	85	nS	36.44163	nS	6.75262	nS	1.85	1.31	35.98177	nS	7.77199	nS	1.61	1.11	0.61%			
53029	15_1_TGH1HL_M3		0.01	uS	3.5	uS	1.827961	uS	300.699	uS	1.93	1.85	1.824481	uS	298.422	uS	1.95	1.87	0.10%			
53030	15_11_IGH1f_M3		25	nS	150	nS	67.92546	nS	4.1421	nS	5.03	3.45	67.08976	nS	4.57472	nS	4.55	3.07	0.67%			
53031	15_1_TGH2HL_M3		0.01	uS	3.5	uS	1.821735	uS	300.744	uS	1.93	1.86	1.817461	uS	298.325	uS	1.95	1.88	0.12%			
53032	15_11_IGH2f_M3		25	nS	150	nS	68.91893	nS	4.6335	nS	4.5	3.02	65.82088	nS	4.93285	nS	4.22	2.76	0.88%			
53033	15_1_TGL1HL_M3		0.01	uS	3.5	uS	1.628692	uS	295.552	uS	1.97	1.83	1.641094	uS	297.593	uS	1.95	1.83	0.36%			
53034	15_13_IGH1f_M3		25	nS	150	nS	64.19831	nS	8.10887	nS	2.57	1.61	63.65358	nS	7.97649	nS	2.61	1.62	0.44%			
53035	15_1_TGL2HL_M3		0.01	uS	3.5	uS	1.632588	uS	295.231	uS	1.97	1.83	1.644832	uS	297.28	uS	1.96	1.83	0.35%			
53036	15_13_IGH2f_M3		25	nS	150	nS	67.87623	nS	8.12405	nS	2.56	1.76	64.72651	nS	7.34815	nS	2.84	1.8	2.52%			
53037	15_17_HL1_ICCP0011_M3		750	nS	1150	nS	87.19409	nS	10.0072	nS	6.66	-22.08	90.04909	nS	6.42891	nS	10.37	-34.22	0.71%			
53038	15_17_HL1_ICCP0011_M3		750	nS	1400	nS	1103.65	nS	8.84449	nS	12.25	11.17	1102.56	nS	8.97394	nS	12.07	11.05	0.17%			
53039	15_17_HL2_ICCP0011_M3		750	nS	1150	nS	883.7806	nS	13.5329	nS	4.93	3.22	886.69	nS	10.1136	nS	6.6	4.5	0.88%			
53040	15_17_HL2_ICCP0011_M3		750	nS	1400	nS	1094.388	nS	9.66509	nS	11.21	10.54	1092.513	nS	9.58846	nS	11.3	10.69	0.12%			
53041	15_29_HL1_ICCP1111_M3		3600	nS	4500	nS	87.44726	nS	10.179	nS	14.74	-115	89.9439	nS	6.41246	nS	23.39	-182.5	0.28%			
53042	15_29_HL1_ICCP1111_M3		3600	nS	4700	nS	4255.113	nS	27.0784	nS	6.77	5.48	4251.445	nS	27.9803	nS	6.55	5.34	0.33%			
53043	15_29_HL2_ICCP1111_M3		3600	nS	4500	nS	4031.069	nS	28.9139	nS	5.19	4.97	4033.619	nS	28.0792	nS	5.34	5.15	0.28%			
53044	15_29_HL2_ICCP1111_M3		3600	nS	4700	nS	4243.994	nS	26.7223	nS	6.85	5.68	4239.109	nS	28.0897	nS	6.53	5.47	0.44%			
53146	Dyn_H1_M3		5	uS	35	uS	18.75312	uS	499.744	uS	10.01	9.17	18.78793	uS	437.55	uS	11.43	10.5	0.12%			
53147	Dyn_H2_M3		5	uS	35	uS	18.91806	uS	517.084	uS	9.67	8.97	19.09574	uS	464.341	uS	10.77	10.12	0.59%			
53148	Dyn_IGH1_M3		20	mA	40	mA	30.73667	mA	817.492	mA	4.08	3.78	30.67457	mA	713.661	mA	4.67	4.36	0.31%			
53149	Dyn_IGH2_M3		20	mA	40	mA	30.46974	mA	828.243	mA	4.02	3.84	30.18161	mA	732.362	mA	4.55	4.47	1.44%			
53045	14_2_RGH1_M4		6	Ohms	14	Ohms	8.304346	Ohms	472.267	Ohms	2.82	1.63	8.117966	Ohms	506.758	Ohms	2.63	1.39	2.33%			
53046	14_2_RGH2_M4		6	Ohms	14	Ohms	9.847987	Ohms	979.985	Ohms	1.36	1.31	9.323033	Ohms	362.263	Ohms	3.68	3.06	0.55%	x		Mean minor drift, AMK CPK >1.66, Accepted
53047	14_7_RGL1_M4		6	Ohms	14	Ohms	9.686534	Ohms	379.943	Ohms	3.51	3.23	9.696907	Ohms	330.997	Ohms	4.03	3.72	0.13%			
53048	14_7_RGL2_M4		6	Ohms	14	Ohms	10.2075	Ohms	568.436	Ohms	2.35	2.22	10.06415	Ohms	331.878	Ohms	4.02	3.95	1.79%			
53123	Hbridge2_ALARM		0		0		0		0	n/a	n/a	0		0		n/a	n/a					
53049	15_3_IGH1rmax_M5		20	mA	40	mA	28.4218	mA	589.538	mA	5.65	4.76	28.45467	mA	589.723	mA	5.65	4.78	0.16%			
53050	IGH1rmin_M5		0.01	mA	3	mA	0.764274	mA	35.0397	mA	14.22	7.18	0.765411	mA	35.011	mA	14.23	7.19	0.04%			
53051	15_5_dliGH1r_min_M5		0.01	mA	2	mA	0.813452	mA	49.5308	mA	6.7	5.41	0.81487	mA	50.3228	mA	6.59	5.33	0.07%			
53052	15_5_dliGH1r_mean_M5		0.01	mA	2	mA	0.921915	mA	18.9144	mA	17.54	16.07	0.922969	mA	18.921	mA	17.53	16.08	0.05%			
53053	1																					

		AGRATE_DATA										AMK_DATA										BR (AMK value-AGR value)/(USL-LSL)*100					Remarks
		Low Limit	units	High Limit	units	Mean	units	Sigma	units	Cp	Cpk	Mean	units	Sigma	units	Cp	Cpk	%	%	5%	15%	20%					
53069	18_1_VODSL_H1L2_M6		1 V	3 V	3 V	2.732643 V		33.6553 V		9.9	2.65	2.735854 V		33.7081 V		9.89	2.61	0.16%									
53070	18_1_VODSL_H2L1_M6		1 V	3 V	3 V	2.460865 V		31.5519 V		10.56	5.7	2.462342 V		30.754 V		10.84	5.83	0.07%									
53071	18_2_VODSH_H1L2_M6		10.5 V	12.5 V	12.5 V	11.54142 V		73.9474 V		4.51	4.32	11.54548 V		73.5722 V		4.53	4.32	0.20%									
53072	18_2_VODSH_H2L1_M6		10.5 V	12.5 V	12.5 V	11.69828 V		77.6515 V		4.29	3.44	11.70186 V		77.29 V		4.31	3.44	0.18%									
53073	18_3_VOLSH1_M6		6 V	7 V	6.623195 V		5.28046 V		31.56	33.79	6.624349 V		4.86952 V		34.23	25.71	0.12%										
53074	18_3_VOLSH2_M6		6 V	7 V	6.60345 V		5.48776 V		30.37	24.09	6.60655 V		4.83802 V		34.45	27.11	0.11%										
53075	18_4_RpdOL_SH1_M6		15 KOHms	25 KOHms	19.47042 KOHms		420.683 KOHms		3.96	3.54	19.48252 KOHms		420.792 KOHms		3.96	3.55	0.12%										
53076	18_4_RpdOL_SH2_M6		15 KOHms	25 KOHms	19.39685 KOHms		419.278 KOHms		3.98	3.5	19.41673 KOHms		420.305 KOHms		3.97	3.5	0.20%										
53077	16_1_VSGd1_H1_M7		375 mV	625 mV	534.7463 mV		9.19404 mV		4.53	3.27	534.5526 mV		8.88977 mV		4.69	3.39	0.08%										
53078	16_2_VSGd2_H1_M7		600 mV	900 mV	775.9207 mV		10.8683 mV		4.6	3.81	774.9873 mV		10.5706 mV		4.73	3.94	0.31%										
53079	16_3_VSGd3_H1_M7		850 mV	1150 mV	1012.623 mV		12.1427 mV		4.12	3.77	1011.965 mV		12.2342 mV		4.09	3.76	0.22%										
53080	16_4_VSGd4_H1_M7		1.06 V	1.43 V	1.251577 V		13.8787 V		4.44	4.29	1.251227 V		13.9619 V		4.42	4.27	0.08%										
53081	16_5_VSGd5_H1_M7		1.27 V	1.73 V	1.512681 V		15.2545 V		5.03	4.75	1.512287 V		15.0879 V		5.08	4.81	0.09%										
53082	16_6_VSGd6_H1_M7		1.49 V	2.01 V	1.75093 V		16.5949 V		5.22	5.2	1.750632 V		16.5068 V		5.25	5.24	0.06%										
53083	16_7_VSGd7_H1_M7		1.7 V	2.3 V	1.985163 V		17.6957 V		5.65	5.37	1.984692 V		18.0189 V		5.55	5.27	0.08%										
53084	16_1_VSGd1_H2_M7		375 mV	625 mV	528.9587 mV		9.60763 mV		4.34	3.33	528.69 mV		9.36388 mV		4.45	3.43	0.11%										
53085	16_2_VSGd2_H2_M7		600 mV	900 mV	772.2006 mV		11.4041 mV		4.38	3.74	771.8176 mV		11.322 mV		4.42	3.77	0.13%										
53086	16_3_VSGd3_H2_M7		850 mV	1150 mV	1009.142 mV		13.2574 mV		3.77	3.54	1008.487 mV		13.0632 mV		3.83	3.61	0.22%										
53087	16_4_VSGd4_H2_M7		1.06 V	1.43 V	1.250698 V		14.7489 V		4.18	4.05	1.250155 V		14.6704 V		4.2	4.09	0.15%										
53088	16_5_VSGd5_H2_M7		1.27 V	1.73 V	1.502364 V		16.1329 V		4.75	4.7	1.501684 V		15.9299 V		4.81	4.78	0.13%										
53089	16_6_VSGd6_H2_M7		1.49 V	2.01 V	1.742322 V		17.5071 V		4.95	4.8	1.741908 V		17.604 V		4.92	4.77	0.08%										
53090	16_7_VSGd7_H2_M7		1.7 V	2.3 V	1.976097 V		18.9007 V		5.29	4.87	1.976095 V		18.6509 V		5.36	4.93	0.02%										
53091	16_1_VSGd1_L1_M7		375 mV	625 mV	506.4838 mV		6.31225 mV		6.6	6.26	508.4733 mV		4.85565 mV		8.58	8	0.80%										
53092	16_2_VSGd2_L1_M7		600 mV	900 mV	749.5921 mV		7.02681 mV		7.12	7.1	751.5849 mV		5.80491 mV		8.61	8.52	0.56%										
53093	16_3_VSGd3_L1_M7		850 mV	1150 mV	991.8987 mV		8.32457 mV		6.01	5.68	994.0112 mV		7.50465 mV		6.66	6.4	0.70%										
53094	16_4_VSGd4_L1_M7		1.06 V	1.43 V	1.237145 V		9.9261 V		6.21	5.95	1.239194 V		9.13725 V		6.75	6.54	0.57%										
53095	16_5_VSGd5_L1_M7		1.27 V	1.73 V	1.496491 V		11.7081 V		6.55	6.45	1.498352 V		10.8264 V		7.08	7.03	0.40%										
53096	16_6_VSGd6_L1_M7		1.49 V	2.01 V	1.742686 V		13.0968 V		6.62	6.43	1.744719 V		12.31 V		7.04	6.9	0.39%										
53097	16_7_VSGd7_L1_M7		1.7 V	2.3 V	1.986997 V		14.3221 V		6.98	6.68	1.988976 V		13.6241 V		7.34	7.07	0.33%										
53098	16_1_VSGd1_L2_M7		375 mV	625 mV	500.7736 mV		6.21846 mV		6.7	6.66	502.8612 mV		4.96489 mV		8.39	8.2	0.84%										
53099	16_2_VSGd2_L2_M7		600 mV	900 mV	741.2588 mV		6.82786 mV		7.32	6.9	743.1767 mV		5.44893 mV		9.18	8.76	0.64%										
53100	16_3_VSGd3_L2_M7		850 mV	1150 mV	986.3221 mV		7.93465 mV		6.3	5.73	988.6746 mV		6.88731 mV		7.26	6.71	0.78%										
53101	16_4_VSGd4_L2_M7		1.06 V	1.43 V	1.226006 V		9.06275 V		6.8	6.11	1.22838 V		8.26567 V		7.46	6.79	0.64%										
53102	16_5_VSGd5_L2_M7		1.27 V	1.73 V	1.495485 V		10.605 V		7.23	7.09	1.497027 V		9.64611 V		7.95	7.85	0.34%										
53103	16_6_VSGd6_L2_M7		1.49 V	2.01 V	1.735499 V		11.6962 V		7.41	7	1.73756 V		11.1546 V		7.77	7.4	0.40%										
53104	16_7_VSGd7_L2_M7		1.7 V	2.3 V	1.981582 V		12.6819 V		7.89	7.4	1.983506 V		11.8193 V		8.46	8	0.32%										
53105	16_8_tSGd_H1_M8		0.01 uS	10 uS	6.057257 uS		301.622 uS		5.52	4.36	6.043836 uS		308.786 uS		5.39	4.27	0.13%										
53106	16_8_tSGd_H2_M8		0.01 uS	10 uS	6.053506 uS		306.256 uS		5.44	4.3	6.047793 uS		309.607 uS		5.38	4.26	0.06%										
53107	16_8_tSGd_L1_M8		0.01 uS	5 uS	5.878536 uS		306.903 uS		5.43	4.48	5.865387 uS		309.29 uS		5.38	4.46	0.13%										
53108	16_8_tSGd_L2_M8		0.01 uS	5 uS	5.873124 uS		302.491 uS		5.5	4.55	5.850231 uS		304.594 uS		5.47	4.54	0.23%										
53109	16_9_tSGd_H1_M8		0.01 uS	5 uS	0.27879 uS		9.38351 uS		88.63	9.55	0.287644 uS		11.0464 uS		75.29	8.38	0.18%										
53110	16_9_tSGd_H2_M8		0.01 uS	5 uS	0.255218 uS		11.1633 uS		74.5	7.32	0.258233 uS		9.57873 uS		86.82	8.64	0.06%										
53111	16_9_tSGd_L1_M8		0.01 uS	5 uS	0.297862 uS		6.40533 uS		129.8	14.98	0.301136 uS		8.1804 uS		101.7	11.86	0.07%										
53112	16_9_tSGd_L2_M8		0.01 uS	5 uS	0.289747 uS		9.84763 uS		84.45	9.41	0.283703 uS		8.05464 uS		103.3	11.33	0.09%										
53136	31_1_VOHInt_M6		10 mV	500 mV	330.6075 mV		12.1894 mV		6.7	4.63	325.3497 mV		5.76146 mV		14.17	10.1	1.07%										
53137	31_2_VOHInt_M6		4.5 V	6 V	4.728556 V		9.68849 V		25.8	7.86	4.728089 V		9.88077 V		25.3	7.69	0.03%										
57000	SPI_ALARM		0	0	0		0		n/a	n/a	0		0		n/a	n/a	0										
57001	V0_CSN_M1		4.3 V	5.5 V	4.435854 V		6.12706 V		32.64	7.39	4.436799 V		6.14823 V		32.53	7.42	0.08%										
57002	25_4_R_ICSNPU_M1		13 KOHms	46 KOHms	33.21219 KOHms		851.76 KOHms		6.46	5	33.19059 KOHms		857.407 KOHms		6.41	4.98	0.07%										
57003	25_15_lin_CLK_M1		5 uA	60 uA	13.1379 uA		1.2116 uA		7.57	2.24	13.54903 uA		794.36 uA		11.54	3.59	0.75%										
57004	25_15_lin_OI_M1		5 uA	60 uA	13.23774 uA		1.21758 uA		7.53	2.26	13.65027 uA		793.745 uA		11.55	3.63	0.75%										
57005	25_1_VCSNLOW_M1		1 V	2.3 V	1.613055 V		6.06576 V		35.72	33.69	1.611428 V		5.60767 V		38.64	36.35	0.11%										
57006	25_2_VCSNHIGH_M1		1 V	2.3 V	1.190807 V		5.42719 V		39.92	11.72	1.189986 V		5.16251 V		41.97	12.27	0.06%										
57007	25_3_VCSNHYS_M1		200 mV	2000 mV	422.2833 mV		4.10289 mV		73.12	18.06	421.468 mV		4.04598 mV		74.15	18.25	0.05%										
57008	25_12_DI_LOW_M2																										

Test	Name	AGRATE DATA										AMK DATA					ISR (AMK value-AGR value)/(USL-LSL)*100					Remarks
		Low Limit	units	High Limit	units	Mean	units	Sigma	units	Cp	Cpk	Mean	units	Sigma	units	Cp	Cpk	%	5%	15%	20%	
58019	8_4_iOut1_2iOLd_OV_M2	-15.892	uA	-2.48	uA	8.771619	K	0.467428	K	5.17	4.29	8.743311	K	0.462975	K	4.02	3.22	0.62%				
58020	8_4_Rout1_2iOLd_OV_M2	2.756	K	17.244	K	8.771619	K	0.467428	K	5.17	4.29	8.743311	K	0.462975	K	5.22	4.31	0.25%				
58021	8_3_iOut1_iMin_OV_M2	-59.8	uA	-40.2	uA	53.09	uA	605.549	uA	5.39	3.69	-53.2288	uA	611.217	uA	5.34	3.58	0.71%				
58022	8_2_Rout1_iMin_OV_M2	8.04	K	11.96	K	9.419189	K	0.107301	K	6.09	4.28	9.394633	K	0.107773	K	6.06	4.19	0.63%				
58035	8_4_iOut4_2iOLd_OV_M2	-53.68	uA	-18.32	uA	1.70381	uA	3.46	2.88	-39.0088	uA	1.69736	uA	3.47	2.88	0.08%						
58036	8_4_Rout4_2iOLd_OV_M2	5.089	K	14.911	K	9.252757	K	0.406216	K	4.03	3.42	9.246259	K	0.404303	K	4.05	3.43	0.07%				
58037	8_3_iOut4_iMin_OV_M2	-68.8	uA	-31.2	uA	-53.7494	uA	1.6983	uA	3.69	2.95	-53.7768	uA	1.69973	uA	3.7	2.96	0.07%				
58038	8_2_Rout4_iMin_OV_M2	6.24	K	13.76	K	9.311728	K	0.292926	K	4.25	3.47	9.306931	K	0.293791	K	4.25	3.48	0.06%				
58039	8_4_iOut5_2iOLd_OV_M2	-53.68	uA	-18.32	uA	-39.6452	uA	2.16466	uA	2.77	2.16	-39.6265	uA	2.15158	uA	2.74	2.18	0.05%				
58040	8_4_Rout5_2iOLd_OV_M2	5.089	K	14.911	K	9.108006	K	0.504945	K	3.24	2.65	9.111973	K	0.501916	K	3.26	2.67	0.04%				
58041	8_3_iOut5_iMin_OV_M2	-68.8	uA	-31.2	uA	-54.6946	uA	2.15551	uA	2.91	2.18	-54.6706	uA	2.14265	uA	2.92	2.2	0.06%				
58042	8_2_Rout5_iMin_OV_M2	6.24	K	13.76	K	9.155987	K	0.364067	K	3.44	2.67	9.159849	K	0.362028	K	3.46	2.69	0.05%				
58043	8_4_iOut6_2iOLd_OV_M2	-15.52	uA	-2.48	uA	533.753	K	4.07	2.97	-10.7452	uA	534.137	uA	4.07	2.98	0.15%						
58044	8_4_Rout6_2iOLd_OV_M2	2.756	K	17.244	K	8.380752	K	0.414465	K	5.8	4.5	8.396519	K	0.41881	K	5.78	4.5	0.11%				
58045	8_3_iOut6_iMin_OV_M2	-59.8	uA	-40.2	uA	53.4076	uA	593.075	uA	5.51	3.57	-53.4373	uA	591.909	uA	5.52	3.58	0.05%				
58046	8_2_Rout6_iMin_OV_M2	8.04	K	11.96	K	9.356139	K	0.1036	K	6.31	4.23	9.357909	K	0.103423	K	6.32	4.25	0.05%				
58047	8_4_iOut7_2iOLdH_OV_M2	-13.8	uA	-6.2	uA	-10.2322	uA	508.332	uA	2.49	2.34	-10.2396	uA	505.521	uA	2.51	2.35	0.10%				
58048	8_4_Rout7_2iOLdH_OV_M2	1.24	K	2.76	K	1.959466	K	0.097473	K	2.6	2.46	1.957963	K	0.096814	K	2.62	2.47	0.10%				
58049	8_4_iOut7_2iOLdL_OV_M2	-10.9	uA	-4.1	uA	-7.5363	uA	351.526	uA	3.22	3.19	-7.54871	uA	349.621	uA	3.24	3.2	0.18%				
58050	8_4_Rout7_2iOLdL_OV_M2	5.467	K	14.533	K	9.973515	K	0.465685	K	3.24	3.23	9.956799	K	0.461526	K	3.27	3.24	0.18%				
58051	8_3_iOut7_iMinH_OV_M2	-57	uA	-43	uA	-50.7994	uA	647.304	uA	3.6	3.19	-50.7902	uA	643.684	uA	3.62	3.22	0.07%				
58052	8_2_Rout7_iMinH_OV_M2	1.72	K	2.28	K	1.968943	K	0.025007	K	3.73	3.32	1.968943	K	0.024876	K	3.75	3.34	0.06%				
58053	8_3_iOut7_iMinL_OV_M2	-63.2	uA	-43.2	uA	535.98	uA	4.25	3.21	-49.9753	uA	532.91	uA	4.24	3.2	0.05%						
58054	8_2_Rout7_iMinL_OV_M2	8.64	K	11.36	K	10.00632	K	0.106838	K	4.24	4.22	10.00606	K	0.106216	K	4.27	4.25	0.01%				
58055	8_3_iOut7_iMaxH_OV_M2	-165	uA	-135	uA	-151.808	uA	1.20235	uA	4.16	3.66	-151.777	uA	1.19571	uA	4.18	3.69	0.10%				
58056	8_2_Rout7_iMaxH_OV_M2	1.8	K	2.2	K	1.976293	K	0.015544	K	4.29	3.78	1.976694	K	0.015467	K	4.31	3.81	0.10%				
58057	8_3_iOut7_iMaxL_OV_M2	-154	uA	-126	uA	-139.513	uA	1.08929	uA	4.28	4.13	-139.485	uA	1.08468	uA	4.3	4.14	0.10%				
58058	8_2_Rout7_iMaxL_OV_M2	9	K	11	K	10.03555	K	0.07757	K	4.3	4.14	10.03752	K	0.07729	K	4.31	4.15	0.01%				
58059	8_4_iOut8_2iOLdH_OV_M2	-13.8	uA	-6.2	uA	-10.374	uA	532.01	uA	2.38	2.17	-10.3771	uA	529.961	uA	2.39	2.18	0.06%				
58060	8_4_Rout8_2iOLdH_OV_M2	1.26	K	2.76	K	1.930991	K	0.100591	K	2.53	2.31	1.939924	K	0.100608	K	2.52	2.32	0.09%				
58061	8_4_iOut8_2iOLdL_OV_M2	-11.91	uA	-5.02	uA	-8.72023	uA	339.51	uA	3.38	3.13	-8.72494	uA	338.629	uA	3.39	3.14	0.07%				
58062	8_4_Rout8_2iOLdL_OV_M2	3.853	K	9.147	K	6.316801	K	0.247811	K	3.56	3.31	6.313323	K	0.246738	K	3.58	3.32	0.07%				
58063	8_3_iOut8_iMinH_OV_M2	-57	uA	-43	uA	-50.2651	uA	702.618	uA	3.32	3.2	-50.2811	uA	698.047	uA	3.34	3.21	0.11%				
58064	8_2_Rout8_iMinH_OV_M2	1.72	K	2.28	K	1.989844	K	0.027808	K	3.36	3.23	1.989194	K	0.027604	K	3.38	3.25	0.12%				
58065	8_3_iOut8_iMinL_OV_M2	-19.385	uA	-11.385	uA	-15.6806	uA	3.69	3.42	-15.6886	uA	360.014	uA	3.7	3.42	0.10%						
58066	8_2_Rout8_iMinL_OV_M2	4.81	K	8.19	K	6.380725	K	0.143736	K	3.82	3.55	6.37742	K	0.146617	K	3.84	3.56	0.01%				
58067	8_3_iOut8_iMaxH_OV_M2	-135	uA	-109.962	uA	1.49.962	uA	3.56	3.55	-149.984	uA	1.39271	uA	3.59	3.59	0.01%						
58068	8_2_Rout8_iMaxH_OV_M2	1.8	K	2.2	K	2.00608	K	0.018707	K	3.56	3.55	2.000255	K	0.018524	K	3.6	3.59	0.13%				
58069	8_3_iOut8_iMaxL_OV_M2	-152.308	uA	-124.615	uA	-138.902	uA	1.20685	uA	3.82	3.7	-138.925	uA	1.19494	uA	3.86	3.73	0.08%				
58070	8_2_Rout8_iMaxL_OV_M2	5.85	K	7.15	K	6.479868	K	0.056214	K	3.85	3.74	6.478784	K	0.055633	K	3.89	3.77	0.08%				
58071	8_4_iOut9_2iOLdL_OV_M2	-14.64	uA	1.36	uA	-7.7816	uA	958.288	uA	2.78	2.39	-7.78499	uA	955.99	uA	2.79	2.39	0.02%				
58072	8_4_Rout9_2iOLdL_OV_M2	0.17	K	1.83	K	1.044436	K	0.135483	K	2.04	1.93	1.043858	K	0.134832	K	2.05	1.94	0.03%				
58073	8_4_iOut9_2iOLdH_OV_M2	-25.44	uA	-10.56	uA	-18.0178	uA	960.167	uA	2.58	2.58	-18.0395	uA	958.565	uA	2.59	2.57	0.15%				
58074	8_4_Rout9_2iOLdH_OV_M2	1.413	K	1.001864	K	0.00384	K	0.05384	K	2.56	2.56	0.05384	K	0.05384	K	2.57	2.57	0.06%				
58075	8_3_iOut9_iMin_OV_M2	-114	uA	-86	uA	-101.038	uA	1.13874	uA	4.1	3.79	-101.081	uA	1.13902	uA	4.1	3.79	0.16%				
58076	8_2_Rout9_iMin_OV_M2	0.86	K	1.14	K	0.989857	K	0.011146	K	4.19	3.88	0.98943	K	0.01114	K	4.19	3.87	0.15%				
58077	8_3_iOut9_iMax_OV_M2	-330	uA	-303.79	uA	-1.98592	uA	5.04	4.4	-303.692	uA	1.97725	uA	5.06	4.44	0.16%						
58078	8_2_Rout9_iMax_OV_M2	0.9	K	1.1	K	0.987587	K	0.006454	K	5.16	4.52	0.987881	K	0.00643	K	5.18	4.56	0.15%				
58079	8_4_iOut10_2iOLdL_OV_M2	-24.64	uA	8.64	uA	-7.56006	uA	1.28257	uA	4.32	4.21	-7.56049	uA	1.27888	uA	4.34	4.22	0.06%				
58080	8_4_Rout10_2iOLdL_OV_M2	-1.08	K	3.08	K	1.091987	K	0.206145	K	3.36	3.21	1.09169	K	0.205229	K	3.38	3.23	0.01%				
58081	8_4_iOut10_2iOLdH_OV_M2	-51.2	uA	-28.8	uA	-40.0871	uA	1.30971	uA	2.85	2.83	-40.0622	uA	1.30473	uA	2.86	2.85	0.11%				
58082	8_4_Rout10_2iOLdH_OV_M2	0.72	K	1.28	K	0.998897	K	0.032778	K	2.85	2.84	0.999521	K	0.032696	K	2.85	2.85	0.11%				
58083	8_3_iOut10_iMin_OV_M2	-116	uA	-84	uA	-100.308	uA	1.14545	uA	3.67	3.6	-100.336	uA	1.14682	uA	3.69	3.61	0.09%				
58084	8_2_Rout10_iMin_OV_M2	0.84	K	1.16	K	0.997133	K	0.014466	K	3.69	3.62	0.996867	K	0.014381	K	3.71	3.64	0.08%				
58085	8_3_iOut10_iMax_OV_M2	-440	uA	-360	uA	-401.32	uA	2.82317	uA	4.72	4.57	-401.21	uA	2.81324	uA	4.74	4.6	0.14%				
58086	8_2_Rout10_iMax_OV_M2	0.9	K	1.1	K	0.996751	K	0.007014	K	4.75	4.6	0.997036	K	0.006992	K	4.77	4.63	0.14%				
58087	8_4_iOut11_2iOLdL_OV_M2	-12.64	uA	-3.36	uA	-7.83786	uA	613.091	uA	2.52	2.43	-7.84011	uA	614.968	uA	2.52	2.43	0.03%				
58088	8_4_Rout11_2iOLdL_OV_M2	0.42	K	1.58	K	1.027041	K	0.081851	K	2.36	2.35	1.026785	K	0.082159	K	2.35	2.24	0.06%				
58089	8_4_iOut11_2iOLdH_OV_M2	-23.44	uA	-12.56	uA	-17.9409	uA	628.838	uA	2.88	2.85	-17.9668	uA	629.633	uA	2.88	2.86	0.24%				
58090	8_4_Rout11_2iOLdH_OV_M2	0.698	K	1.302	K	1.004535	K	0.035288	K	2.85	2.81	1.003083	K	0.035249	K	2.86	2.83					

						AGRATE_DATA					AMK_DATA					ISR (AMM value-AGR value)/(USL-LSU)*100					Remarks
						Mean	Sigma	Cp	Cpk	Mean	Sigma	Cp	Cpk	%	%	15%	20%				
																		units	units	units	
58113	8_4_IOut14_2iOLdH_OV_M2	-25.44	uA	-10.56	uA	0.999592	0.005597	uA	2.48	2.46	-18.0376	uA	994.447	uA	2.49	2.48	0.14%				
58114	8_4_Rout14_2iOLdH_OV_M2	0.587	K	1.413	K	0.999852	0.005597	K	2.48	2.48	1.000956	K	0.055404	K	2.48	2.48	0.13%				
58115	8_3_IOut14_iMin_OV_M2	-1.14	uA	-86	uA	-101.059	uA	1.20606	3.89	3.59	-101.062	uA	1.18951	uA	3.92	3.63	0.01%				
58116	8_2_Rout14_iMin_OV_M2	0.86	K	1.14	K	0.989669	0.011743	K	3.97	3.68	0.989634	K	0.01164	K	4.01	3.71	0.01%				
58117	8_3_IOut14_iMax_OV_M2	-330	uA	-270	uA	-303.723	uA	2.01264	4.97	4.35	-303.599	uA	1.98467	uA	5.04	4.43	0.21%				
58118	8_2_Rout14_iMax_OV_M2	0.9	K	1.1	K	0.987783	0.006539	K	5.1	4.47	0.988184	K	0.006455	K	5.16	4.55	0.20%				
58119	8_4_IOut15_2iOLdH_OV_M2	-9.4	uA	-0.6	uA	-5.28079	uA	498.073	2.94	2.76	-5.21973	uA	492.532	uA	2.98	2.83	0.59%				
58120	8_4_Rout15_2iOLdH_OV_M2	0.12	K	1.88	K	0.955545	0.093465	K	3.14	2.98	0.966731	K	0.094568	K	3.1	2.98	0.64%				
58121	8_4_IOut15_2iOLdH_OV_M2	-23.44	uA	-12.56	uA	-17.6906	uA	519.838	3.49	3.29	-17.5937	uA	505.989	uA	3.58	3.32	0.89%				
58122	8_4_Rout15_2iOLdH_OV_M2	0.698	K	1.302	K	1.018368	0.029985	K	3.36	3.15	1.023938	K	0.029549	K	3.41	3.14	0.92%				
58123	8_3_IOut15_iMin_OV_M2	-112	uA	-88	uA	-95.2918	uA	1.04777	3.82	2.32	-94.8968	uA	857.53	uA	4.66	2.68	1.65%				
58124	8_2_Rout15_iMin_OV_M2	0.88	K	1.12	K	1.049534	0.01156	K	3.46	2.03	1.053864	K	0.009521	K	4.2	2.32	1.80%				
58125	8_3_IOut15_iMax_OV_M2	-220	uA	-180	uA	-190.184	uA	1.84258	3.62	1.84	-189.374	uA	1.41377	uA	4.72	2.21	2.03%				
58126	8_2_Rout15_iMax_OV_M2	0.9	K	1.1	K	1.05171	0.010224	K	3.26	1.57	1.056171	K	0.007886	K	4.23	1.85	2.23%				
58127	8_4_IOutHS_2iOLdH_OV_M2	-9.4	uA	-0.6	uA	-4.2375	uA	449.457	3.26	2.7	-4.2493	uA	448.914	uA	3.27	2.71	0.13%				
58128	8_4_RoutHS_2iOLdH_OV_M2	0.12	K	1.88	K	1.193481	0.129466	K	2.27	1.77	1.190039	K	0.128367	K	2.29	1.79	0.20%				
58129	8_4_IOutHS_2iOLdH_OV_M2	-23.44	uA	-12.56	uA	-16.7511	uA	472.701	3.84	2.96	-16.7465	uA	466.453	uA	3.89	2.99	0.04%				
58130	8_4_RoutHS_2iOLdH_OV_M2	0.698	K	1.302	K	1.075409	0.030301	K	3.32	2.49	1.075677	K	0.029916	K	3.36	2.52	0.04%				
58131	8_3_IOutHS_iMin_OV_M2	-112	uA	-88	uA	-95.0684	uA	736.9805	5.43	3.2	-95.0805	uA	716.953	uA	5.58	3.29	0.05%				
58132	8_2_RoutHS_iMin_OV_M2	0.88	K	1.12	K	1.051936	0.008145	K	4.91	2.79	1.05179	K	0.00793	K	5.04	2.87	0.06%				
58133	8_3_IOutHS_iMax_OV_M2	-220	uA	-180	uA	-190.863	uA	1.0796	6.18	3.35	-190.802	uA	1.03134	uA	6.46	3.49	0.15%				
58134	8_2_RoutHS_iMax_OV_M2	0.9	K	1.1	K	1.047909	0.00593	K	5.62	2.93	1.048248	K	0.005666	K	5.88	3.05	0.17%				
58200	CM1integrity_OV_M1	-3	uA	3	uA	0.065688	47.1078	uA	21.23	20.76	0.064222	uA	46.6044	uA	21.46	21	0.02%				
58203	CM4integrity_OV_M1	-3	uA	3	uA	0.006066	81.1282	uA	12.33	12.3	0.00875	uA	82.2025	uA	12.17	12.13	0.03%				
58204	CM5integrity_OV_M1	-3	uA	3	uA	-0.00708	91.9504	uA	10.88	10.85	-0.01291	uA	92.9611	uA	10.76	10.71	0.10%				
58205	CM6integrity_OV_M1	-3	uA	3	uA	0.002251	39.6188	uA	25.24	25.22	0.001112	uA	40.4772	uA	24.71	24.7	0.02%				
58206	CM7integrity_OV_M1	-3	uA	3	uA	-0.00542	37.7276	uA	26.51	26.46	-0.00489	uA	38.5931	uA	25.91	25.87	0.01%				
58207	CM8integrity_OV_M1	-3	uA	3	uA	-0.0099	38.6253	uA	25.89	25.8	-0.01042	uA	38.5788	uA	25.92	25.83	0.01%				
58208	CM9integrity_OV_M1	-3	uA	3	uA	-0.00135	45.6503	uA	21.93	21.92	-0.00282	uA	47.9242	uA	20.87	20.85	0.02%				
58209	CM10integrity_OV_M1	-3	uA	3	uA	-0.01167	57.1823	uA	17.49	17.42	-0.00875	uA	60.1129	uA	16.64	16.59	0.05%				
58210	CM11integrity_OV_M1	-3	uA	3	uA	0.001466	38.2479	uA	26.15	26.13	-0.0011	uA	38.8367	uA	25.75	25.74	0.04%				
58211	CM12integrity_OV_M1	-3	uA	3	uA	-0.00378	41.0888	uA	24.34	24.31	-0.00322	uA	38.9271	uA	25.69	25.66	0.01%				
58212	CM13integrity_OV_M1	-3	uA	3	uA	-0.00608	46.7537	uA	21.39	21.35	-0.00627	uA	46.3532	uA	21.57	21.53	0.03%				
58213	CM14integrity_OV_M1	-3	uA	3	uA	-0.00762	48.8352	uA	20.48	20.42	-0.00458	uA	48.0786	uA	20.8	20.77	0.05%				
58214	CM15integrity_OV_M1	-3	uA	3	uA	-0.01573	34.8658	uA	28.68	28.53	-0.01701	uA	34.8428	uA	28.7	28.54	0.02%				
58215	CM16integrity_OV_M1	-3	uA	3	uA	0.010237	28.2761	uA	35.37	35.25	0.010832	uA	30.465	uA	32.82	32.71	0.01%				
58216	CMloadintegrity_OV_M1	0	uA	0	uA	0	0	n/a	n/a	0	0	n/a	n/a	0	0	n/a	n/a				
59000	CM_ALARM	0	uA	0	uA	0	0	n/a	n/a	0	0	n/a	n/a	0	0	n/a	n/a				
59001	Out1HS_NoCurr_4V_M1	-10	uA	10	uA	-0.57027	uA	490.896	uA	6.79	6.4	-0.57881	uA	490.125	uA	6.8	6.41	0.04%			
59004	Out4HS_NoCurr_4V_M1	-10	uA	10	uA	-0.78059	uA	1.09844	uA	3.03	2.8	-0.79142	uA	1.09782	uA	3.04	2.8	0.05%			
59005	Out5HS_NoCurr_4V_M1	-10	uA	10	uA	-0.99337	uA	1.3781	uA	2.42	2.18	-1.00116	uA	1.37521	uA	2.42	2.18	0.04%			
59006	Out6HS_NoCurr_4V_M1	-10	uA	10	uA	-1.08548	uA	548.447	uA	6.08	5.42	-1.05818	uA	546.309	uA	6.1	5.46	0.14%			
59007	Out7LowR_NoCurr_4V_M1	-10	uA	10	uA	-0.11315	uA	208.377	uA	16	15.82	-0.12365	uA	208.842	uA	15.96	15.76	0.05%			
59008	Out8LowR_NoCurr_4V_M1	-10	uA	10	uA	-0.1395	uA	216.901	uA	15.37	15.15	-0.14592	uA	215.617	uA	15.46	15.23	0.03%			
59009	Out7HighR_NoCurr_4V_M1	-10	uA	10	uA	-0.17543	uA	307.958	uA	11.04	10.85	-0.18616	uA	302.251	uA	11.03	10.82	0.05%			
59010	Out8HighR_NoCurr_4V_M1	-10	uA	10	uA	-0.23817	uA	346.264	uA	9.63	9.4	-0.24354	uA	344.101	uA	9.69	9.45	0.05%			
59011	Out9_NoCurr_4V_M1	-10	uA	10	uA	-0.17733	uA	423.091	uA	7.88	7.74	-0.18579	uA	422.396	uA	7.89	7.74	0.04%			
59012	Out10_NoCurr_4V_M1	-10	uA	10	uA	-0.2309	uA	521.657	uA	6.39	6.24	-0.23858	uA	517.75	uA	6.44	6.28	0.04%			
59013	Out11_NoCurr_4V_M1	-10	uA	10	uA	-0.11011	uA	268.056	uA	12.44	12.3	-0.1167	uA	263.592	uA	12.65	12.5	0.03%			
59014	Out12_NoCurr_4V_M1	-10	uA	10	uA	-0.13714	uA	299.594	uA	11.13	10.98	-0.14338	uA	298.279	uA	11.18	11.01	0.03%			
59015	Out13_NoCurr_4V_M1	-10	uA	10	uA	-0.23029	uA	480.621	uA	6.94	6.78	-0.23764	uA	479.775	uA	6.95	6.78	0.04%			
59016	Out14_NoCurr_4V_M1	-10	uA	10	uA	-0.20815	uA	463.096	uA	7.2	7.05	-0.21391	uA	459.981	uA	7.25	7.09	0.05%			
59017	Out15_NoCurr_4V_M1	-10	uA	10	uA	-0.55676	uA	441.82	uA	7.54	7.12	-0.52264	uA	428.648	uA	7.78	7.37	0.17%			
59018	OutHS_NoCurr_4V_M1	-10	uA	10	uA	0.00121	uA	103.899	uA	32.08	32.08	-0.00855	uA	106.61	uA	31.27	31.24	0.05%			
59019	8_4_IOut1_2iOLd_4V_M2	-15.52	K	-2.48	K	-10.2905	K	540.996	K	4.02	3.22	-10.3235	K	541.469	K	4.01	3.2	0.25%			
59020	8_4_Rout1_2iOLd_4V_M2	2.756	K	17.244	K	8.770371	K	0.465947	K	5.18	4.3	8.74221	K	0.463126	K	5.21	4.31	0.19%			
59021	8_3_IOut1_iMin_4V_M2																				

Test	Name	AGRATE DATA										AMK DATA					ISR (AMK value-AGR value)/(USL-LSL)*100				Remarks	
		Low Limit	units	High Limit	units	Mean	units	Sigma	units	Cp	Cpk	Mean	units	Sigma	units	Cp	Cpk	%	5%	15%	20%	
59059	8_4_iOut8_2iOIdH_4V_M2	-5.394	uA	6.2	uA	1.939552	K	0.101139	K	2.38	2.5	1.939204	K	0.10043	K	2.39	2.18	0.02%				
59060	8_4_Rout8_2iOIdH_4V_M2	1.24	K	2.76	K	1.939552	K	0.101139	K	2.38	2.5	1.939204	K	0.10043	K	2.39	2.52	0.02%				
59061	8_4_iOut8_2iOIdL_4V_M2	-11.91	uA	-5.02	uA	6.315231	K	0.248117	K	3.38	3.13	6.311712	K	0.246078	K	3.39	3.14	0.07%				
59062	8_4_Rout8_2iOIdL_4V_M2	3.853	K	9.147	K	6.315231	K	0.248117	K	3.36	3.31	6.311712	K	0.246078	K	3.59	3.33	0.07%				
59063	8_3_iOut8_iMinH_4V_M2	-57	uA	-43	uA	1.989677	K	0.027829	K	3.32	3.19	-50.2822	uA	695.608	uA	3.35	3.22	0.09%				
59064	8_2_Rout8_iMinH_4V_M2	1.72	K	2.28	K	1.989677	K	0.027829	K	3.35	3.23	1.989156	K	0.027507	K	3.39	3.26	0.09%				
59065	8_3_iOut8_iMinL_4V_M2	-19.385	uA	-11.385	uA	15.4831	uA	362.465	uA	3.68	3.4	-15.6906	uA	359.66	uA	3.71	3.42	0.09%				
59066	8_2_Rout8_iMinL_4V_M2	4.83	K	8.19	K	6.379707	K	0.147752	K	3.81	3.54	-5.3766	K	0.146459	K	3.45	3.57	0.09%				
59067	8_3_iOut8_iMaxH_4V_M2	-165	uA	-135	uA	149.969	uA	1.40673	uA	3.55	3.55	-149.994	uA	1.39207	uA	3.59	3.59	0.08%				
59068	8_2_Rout8_iMaxH_4V_M2	1.8	K	2.2	K	2.000577	K	0.018719	K	3.56	3.55	2.000243	K	0.018517	K	3.6	3.6	0.08%				
59069	8_3_iOut8_iMaxL_4V_M2	-152.308	uA	-124.615	uA	-138.909	uA	1.20469	uA	3.83	3.71	-138.929	uA	1.19386	uA	3.87	3.74	0.07%				
59070	8_2_Rout8_iMaxL_4V_M2	5.85	K	7.15	K	6.479525	K	0.056106	K	3.86	3.74	6.478589	K	0.055582	K	3.9	3.77	0.07%				
59071	8_4_iOut9_2iOIdL_4V_M2	-14.64	uA	1.36	uA	-7.78667	uA	958.476	uA	2.78	2.38	-7.7917	uA	957.072	uA	2.79	2.39	0.03%				
59072	8_4_Rout9_2iOIdL_4V_M2	0.17	K	1.83	K	1.043742	K	0.133539	K	2.04	1.94	1.042996	K	0.134938	K	2.05	1.94	0.04%				
59073	8_4_iOut9_2iOIdH_4V_M2	-25.44	uA	-10.56	uA	-18.0165	uA	959.87	uA	2.58	2.58	-18.0419	uA	961.337	uA	2.58	2.56	0.17%				
59074	8_4_Rout9_2iOIdH_4V_M2	0.587	K	1.413	K	1.001944	K	0.053755	K	2.56	2.55	1.000548	K	0.053724	K	2.56	2.56	0.17%				
59075	8_3_iOut9_iMin_4V_M2	-114	uA	-86	uA	-101.038	uA	1.13848	uA	4.1	3.8	-101.079	uA	1.13418	uA	4.11	3.8	0.15%				
59076	8_2_Rout9_iMin_4V_M2	0.86	K	1.14	K	0.989847	K	0.011139	K	4.19	3.89	0.989461	K	0.011092	K	4.21	3.89	0.14%				
59077	8_3_iOut9_iMax_4V_M2	-330	uA	-270	uA	-303.798	uA	1.99719	uA	5.02	4.39	-303.704	uA	1.99251	uA	5.02	4.4	0.16%				
59078	8_2_Rout9_iMax_4V_M2	0.9	K	1.1	K	0.987541	K	0.00647	K	5.15	4.51	0.987855	K	0.006479	K	5.14	4.52	0.18%				
59079	8_4_iOut10_2iOIdL_4V_M2	-24.64	uA	8.64	uA	-7.56656	uA	1.27946	uA	4.34	4.22	-7.56628	uA	1.27473	uA	4.35	4.24	0.06%				
59080	8_4_Rout10_2iOIdL_4V_M2	-1.08	K	3.08	K	0.205058	K	0.205058	K	3.37	3.23	0.19396	K	0.204265	K	3.38	3.25	0.01%				
59081	8_4_iOut10_2iOIdH_4V_M2	-51.3	uA	-24.8	uA	-40.0929	uA	1.31128	uA	2.82	2.82	-40.0646	uA	1.30484	uA	2.82	2.84	0.01%				
59082	8_4_Rout10_2iOIdH_4V_M2	0.72	K	1.28	K	0.998759	K	0.032812	K	2.84	2.83	0.999448	K	0.032703	K	2.85	2.85	0.12%				
59083	8_3_iOut10_iMin_4V_M2	-116	uA	-84	uA	-100.295	uA	1.45419	uA	3.67	3.6	-100.349	uA	1.45475	uA	3.67	3.59	0.17%				
59084	8_2_Rout10_iMin_4V_M2	0.84	K	1.16	K	0.99726	K	0.014466	K	3.69	3.62	0.996748	K	0.014456	K	3.69	3.61	0.16%				
59085	8_3_iOut10_iMax_4V_M2	-440	uA	-360	uA	-401.322	uA	2.28254	uA	4.71	4.56	-401.221	uA	2.80755	uA	4.75	4.6	0.13%				
59086	8_2_Rout10_iMax_4V_M2	0.9	K	1.1	K	0.996745	K	0.007027	K	4.74	4.59	0.997001	K	0.006978	K	4.78	4.63	0.13%				
59087	8_4_iOut11_2iOIdL_4V_M2	-12.64	uA	-3.36	uA	-7.83	uA	615.463	uA	2.51	2.43	-7.84636	uA	607.585	uA	2.52	2.43	0.07%				
59088	8_4_Rout11_2iOIdL_4V_M2	0.42	K	1.58	K	1.027128	K	0.082148	K	2.35	2.4	1.026217	K	0.08205	K	2.35	2.25	0.09%				
59089	8_4_iOut11_2iOIdH_4V_M2	-23.44	uA	-12.56	uA	-17.9426	uA	2.88	2.85	-17.9669	uA	627.869	uA	627.869	uA	2.89	2.87	0.22%				
59090	8_4_Rout11_2iOIdH_4V_M2	0.698	K	1.302	K	1.004452	K	0.03535	K	2.85	2.81	1.00306	K	0.035136	K	2.87	2.84	0.23%				
59091	8_3_iOut11_iMin_4V_M2	-120	uA	-88	uA	-100.099	uA	960.491	uA	5.55	4.2	-100.163	uA	955.03	uA	5.58	4.25	0.20%				
59092	8_2_Rout11_iMin_4V_M2	0.8	K	1.12	K	0.990989	K	0.009561	K	5.58	4.21	0.998464	K	0.009497	K	5.62	4.27	0.20%				
59093	8_3_iOut11_iMax_4V_M2	-240	uA	-180	uA	-200.646	uA	1.54335	uA	6.48	4.46	-200.68	uA	1.53188	uA	6.53	4.5	0.06%				
59094	8_2_Rout11_iMax_4V_M2	0.8	K	1.1	K	0.996844	K	0.007541	K	6.54	4.5	0.99663	K	0.007585	K	6.59	4.54	0.06%				
59095	8_4_iOut12_2iOIdL_4V_M2	-12.64	uA	-3.36	uA	-7.87931	uA	2.49	2.42	-7.88547	uA	617.392	uA	617.392	uA	2.44	2.41	0.07%				
59096	8_4_Rout12_2iOIdL_4V_M2	0.42	K	1.58	K	1.021705	K	0.08154	K	2.37	2.28	1.020808	K	0.080922	K	2.39	2.3	0.08%				
59097	8_4_iOut12_2iOIdH_4V_M2	-23.44	uA	-12.56	uA	-17.9939	uA	636.697	uA	2.85	2.84	-17.9786	uA	630.663	uA	2.88	2.86	0.14%				
59098	8_4_Rout12_2iOIdH_4V_M2	0.698	K	1.302	K	1.001597	K	0.035456	K	2.84	2.82	1.002426	K	0.035183	K	2.86	2.84	0.14%				
59099	8_3_iOut12_iMin_4V_M2	-120	uA	-88	uA	-99.9694	uA	945.661	uA	5.64	4.22	-100.002	uA	944.028	uA	5.65	4.24	0.10%				
59100	8_2_Rout12_iMin_4V_M2	0.8	K	1.12	K	1.000396	K	0.009454	K	5.64	4.22	1.000076	K	0.009434	K	5.65	4.24	0.10%				
59101	8_3_iOut12_iMax_4V_M2	-240	uA	-180	uA	-200.348	uA	1.59978	uA	6.62	4.49	-200.348	uA	1.50248	uA	6.66	4.51	0.07%				
59102	8_2_Rout12_iMax_4V_M2	0.8	K	1.1	K	0.990512	K	0.007518	K	6.65	4.51	0.989811	K	0.007484	K	6.66	4.53	0.06%				
59103	8_4_iOut13_2iOIdL_4V_M2	-14.64	uA	1.36	uA	-7.88558	uA	994.221	uA	2.68	2.26	-7.8908	uA	989.558	uA	2.69	2.27	0.07%				
59104	8_4_Rout13_2iOIdL_4V_M2	0.17	K	1.83	K	1.031438	K	0.136821	K	2.02	1.95	1.030545	K	0.135816	K	2.04	1.96	0.05%				
59105	8_4_iOut13_2iOIdH_4V_M2	-25.44	uA	-10.56	uA	-18.1119	uA	1.00052	uA	2.48	2.44	-18.136	uA	994.91	uA	2.49	2.45	0.16%				
59106	8_4_Rout13_2iOIdH_4V_M2	0.587	K	1.413	K	0.996878	K	0.055524	K	2.48	2.46	0.995512	K	0.055001	K	2.5	2.48	0.17%				
59107	8_3_iOut13_iMin_4V_M2	-114	uA	-86	uA	-101.119	uA	1.1945	uA	3.91	3.59	-101.171	uA	1.1859	uA	3.94	3.61	0.18%				
59108	8_2_Rout13_iMin_4V_M2	0.86	K	1.14	K	0.998908	K	0.011677	K	4	3.68	0.988558	K	0.011584	K	4.03	3.7	0.19%				
59109	8_3_iOut13_iMax_4V_M2	-330	uA	-270	uA	-303.857	uA	1.99067	uA	5.02	4.38	-303.789	uA	1.97125	uA	5.07	4.43	0.11%				
59110	8_2_Rout13_iMax_4V_M2	0.9	K	1.1	K	0.98735	K	0.006464	K	5.16	4.5	0.987579	K	0.006405	K	5.2	4.56	0.11%				
59111	8_4_iOut14_2iOIdL_4V_M2	-14.64	uA	1.36	uA	-7.79953	uA	992.569	uA	2.69	2.3	-7.80108	uA	988.302	uA	2.7	2.31	0.01%				
59112	8_4_Rout14_2iOIdL_4V_M2	0.17	K	1.83	K	1.043049	K	0.139296	K	1.99	1.88	1.042652	K	0.138286	K	2	1.9	0.02%				
59113	8_4_iOut14_2iOIdH_4V_M2	-25.44	uA	-10.56	uA	-18.0625	uA	1.00115	uA	2.48	2.46	-18.0407	uA	996.884	uA	2.49	2.47	0.15%				
59114	8_4_Rout14_2iOIdH_4V_M2	0.587	K	1.413	K	0.999609	K	0.055694	K	2.47	2.47	1.000793	K	0.055518	K	2.48	2.47	0.14%				
59115	8_3_iOut14_iMin_4V_M2	-114	uA	-86	uA	-101.049	uA	1.20082	uA	3.89	3.6	-101.061	uA	1.17925	uA	3.96	3.66	0.04%				
59116	8_2_Rout14_iMin_4V_M2	0.86	K	1.14	K	0.989975	K	0.0117	K	3.97	3.68	0.989639	K	0.011531	K	4.05	3.75	0.04%				
59117	8_3_iOut14_iMax_4V_M2	-330	uA	-270	uA	-303.725	uA	2.00507	uA	4.99	4.37	-303.606	uA	1.98531	uA	5.04	4.43	0.20%				
59118	8_2_Rout14_iMax_4V_M2	0.9	K																			

Test	Name	Low Limit	units	High Limit	units	AGRATE_DATA						AMK_DATA						ISR [(AMK value-AGR value)/(USL-LSL)]*100				Remarks
						Mean	units	Sigma	units	Cp	Cpk	Mean	units	Sigma	units	Cp	Cpk	%	5%	15%	20%	
59208	CM10Integrity_4V_M1		3 uA		3 uA	45.6315	uA	45.6315	uA	21.91	21.89	-0.00177	uA	45.6344	uA	21.44	21.42	0.0054				
59209	CM10Integrity_4V_M1	-3 uA	3 uA		3 uA	-0.00776	uA	56.5625	uA	17.68	17.63	-0.00804	uA	56.0459	uA	17.84	17.79	0.0050				
59210	CM11Integrity_4V_M1	-3 uA	3 uA		3 uA	0.001205	uA	38.0893	uA	26.25	26.24	-0.00173	uA	39.0829	uA	25.59	25.57	0.0050				
59211	CM12Integrity_4V_M1	-3 uA	3 uA		3 uA	-0.00235	uA	37.9033	uA	26.38	26.36	-0.00242	uA	38.747	uA	25.81	25.79	0.0050				
59212	CM13Integrity_4V_M1	-3 uA	3 uA		3 uA	-0.00583	uA	47.0099	uA	21.27	21.23	-0.00532	uA	48.3829	uA	20.67	20.63	0.011				
59213	CM14Integrity_4V_M1	-3 uA	3 uA		3 uA	-0.00301	uA	43.7831	uA	22.84	22.82	-0.00455	uA	47.0365	uA	21.26	21.23	0.033				
59214	CM15Integrity_4V_M1	-3 uA	3 uA		3 uA	-0.01163	uA	33.9906	uA	29.42	29.31	-0.01252	uA	33.1246	uA	30.19	30.06	0.011				
59215	CM16Integrity_4V_M1	-3 uA	3 uA		3 uA	0.011238	uA	28.3738	uA	35.24	35.11	0.012468	uA	29.3972	uA	34.02	33.88	0.022				
59216	CM16Integrity_4V_M1	0		0		0		0		n/a	n/a	0		0		n/a	n/a					
60000	CMHICurr_ALARM	0		0		0		0		n/a	n/a	0		0		n/a	n/a					
60001	R_3_Out1_iMin	-59.8 uA		-40.2 uA		-52.93 uA		623.044 uA		5.24	3.68	-53.1681 uA		629.417 uA		5.19	3.51	1.21%				
60002	R_2_ROut1_iMin	8.04 K		11.96 K		9.447743 K		0.111057 K		5.88	4.23	9.405459 K		0.111243 K		5.87	4.09	1.08%				
60003	R_3_iOut1_iMax	-319 uA		-261 uA		-293.686 uA		1.88382 uA		5.13	4.48	-290.898 uA		2.42904 uA		3.98	3.86	4.81%				
60004	R_2_ROut1_iMax	9 K		11 K		9.87491 K		0.062843 K		5.3	4.64	9.969804 K		0.083064 K		4.01	3.89	4.74%				
60005	R_3_iOut4_iMin	-68.9 uA		-31.2 uA		-53.6101 uA		1.86959 uA		3.69	2.98	-53.7399 uA		1.68231 uA		3.73	2.98	0.34%				
60006	R_2_ROut4_iMin	6.24 K		13.76 K		9.335892 K		0.29616 K		4.23	3.48	9.313206 K		0.292159 K		4.29	3.51	0.30%				
60007	R_3_iOut4_iMax	-814 uA		-666 uA		-761.066 uA		3.53062 uA		6.99	5	-756.647 uA		3.16509 uA		7.79	6.04	2.99%				
60008	R_2_ROut4_iMax	9 K		11.5 K		9.723415 K		0.044672 K		9.33	5.4	9.780165 K		0.040491 K		10.29	6.42	2.77%				
60009	R_3_iOut5_iMin	-68.8 uA		-31.2 uA		-54.4829 uA		2.15644 uA		2.91	2.21	-54.5972 uA		2.14134 uA		2.93	2.21	0.30%				
60010	R_2_ROut5_iMin	6.24 K		13.76 K		9.191693 K		0.367152 K		3.41	2.68	9.172154 K		0.362823 K		3.45	2.69	0.26%				
60011	R_3_iOut5_iMax	-814 uA		-666 uA		-768.047 uA		2.87916 uA		8.57	5.32	-765.816 uA		3.31867 uA		7.43	4.84	1.51%				
60012	R_2_ROut5_iMax	9 K		11 K		9.634963 K		0.036161 K		9.23	5.86	9.63606 K		0.041841 K		7.97	5.28	1.40%				
60013	R_3_iOut6_iMin	-59.8 uA		-40.2 uA		-53.0742 uA		6.10378 uA		5.23	4.53	-53.1115 uA		6.131915 uA		3.49	3.82	0.47%				
60014	R_2_ROut6_iMin	8.04 K		11.96 K		9.393677 K		0.107472 K		6.08	4.2	9.369135 K		0.107584 K		6.07	4.12	0.53%				
60015	R_3_iOut6_iMax	-319 uA		-261 uA		-295.838 uA		1.27926 uA		7.56	6.04	-296.511 uA		1.19203 uA		8.11	6.29	1.16%				
60016	R_2_ROut6_iMax	9 K		11 K		9.802847 K		0.04206 K		7.92	6.36	9.780571 K		0.038987 K		8.55	6.67	1.11%				
61000	CMHICurr_ALARM	0		0		0		0		n/a	n/a	0		0		n/a	n/a					
61001	R_3_iOut1_iMin	-59.8 uA		-40.2 uA		-52.9068 uA		625.39 uA		5.22	3.67	-53.1502 uA		627.463 uA		5.21	3.53	1.24%				
61002	R_2_ROut1_iMin	8.04 K		11.96 K		9.451893 K		0.111609 K		5.85	4.22	9.408623 K		0.110992 K		5.89	4.11	1.10%				
61003	R_3_iOut1_iMax	-319 uA		-261 uA		-293.908 uA		1.84678 uA		5.23	4.53	-291.115 uA		2.41364 uA		3.92	3.82	4.81%				
61004	R_2_ROut1_iMax	9 K		11 K		9.867439 K		0.06151 K		5.42	4.7	9.962412 K		0.0832 K		4.01	3.86	4.75%				
61005	R_3_iOut4_iMin	-68.8 uA		-31.2 uA		-53.6332 uA		1.70064 uA		3.68	2.97	-53.7463 uA		1.68828 uA		3.71	2.97	0.30%				
61006	R_2_ROut4_iMin	6.24 K		13.76 K		9.33197 K		0.296439 K		4.23	3.48	9.312165 K		0.293219 K		4.27	3.49	0.26%				
61007	R_3_iOut4_iMax	-814 uA		-666 uA		-761.186 uA		3.54009 uA		6.97	4.97	-757.043 uA		3.21654 uA		7.67	5.9	2.80%				
61008	R_2_ROut4_iMax	9 K		11.5 K		9.72189 K		0.044773 K		9.31	5.37	9.75054 K		0.04111 K		10.14	6.28	2.13%				
61009	R_3_iOut5_iMin	-68.9 uA		-31.2 uA		-54.6096 uA		6.10378 uA		2.9	2.2	-54.6294 uA		2.13892 uA		2.93	2.21	0.34%				
61010	R_2_ROut5_iMin	6.24 K		13.76 K		9.187028 K		0.367028 K		3.41	2.68	9.166704 K		0.363008 K		3.49	2.69	0.26%				
61011	R_3_iOut5_iMax	-814 uA		-666 uA		-768.169 uA		2.88629 uA		8.55	5.29	-766.112 uA		3.26716 uA		7.55	4.89	1.30%				
61012	R_2_ROut5_iMax	9 K		11 K		9.633441 K		0.036196 K		9.21	5.83	9.659321 K		0.041164 K		8.1	5.34	1.29%				
61013	R_3_iOut6_iMin	-59.8 uA		-40.2 uA		-53.211 uA		6.141 uA		5.32	3.58	-53.349 uA		6.11281 uA		5.34	3.52	0.70%				
61014	R_2_ROut6_iMin	8.04 K		11.96 K		9.397793 K		0.108212 K		6.04	4.18	9.373487 K		0.107234 K		6.09	4.15	0.62%				
61015	R_3_iOut6_iMax	-319 uA		-261 uA		-295.932 uA		1.2781 uA		7.56	6.02	-296.643 uA		1.18488 uA		8.16	6.29	1.23%				
61016	R_2_ROut6_iMax	9 K		11 K		9.799726 K		0.041995 K		7.94	6.35	9.776205 K		0.038999 K		8.61	6.69	1.18%				
73000	PWR_HS_ALARM	0		0		0		0		n/a	n/a	0		0		n/a	n/a					
73001	OUT1_Off	-14.5 V		-12.5 V		-13.503 V		1.37599 V		242.2	241.5	-13.503 V		1.72032 V		193.8	193.2	0.00%				
73004	OUT4_Off	-14.5 V		-12.5 V		-13.5033 V		1.35038 V		246.8	246	-13.5033 V		1.73256 V		192.4	191.8	0.00%				
73005	OUT5_Off	-14.5 V		-12.5 V		-13.5017 V		1.56545 V		212.9	212.6	-13.5013 V		2.07739 V		160.5	160.2	0.02%				
73006	OUT6_Off	-14.5 V		-12.5 V		-13.5016 V		1.48912 V		223.8	223.5	-13.5009 V		2.07553 V		160.6	160.5	0.03%				
73007	OUT7L_Off	-14.5 V		-12.5 V		-13.5018 V		1.35545 V		245.9	245.5	-13.501 V		1.16225 V		286.8	286.5	0.04%				
73008	OUT7H_Off	-14.5 V		-12.5 V		-13.5024 V		1.39603 V		238.8	238.2	-13.5024 V		1.75101 V		190.4	189.9	0.00%				
73009	OUT8L_Off	-14.5 V		-12.5 V		-13.5003 V		1.09592 V		304.2	304.1	-13.5003 V		1.64808 V		203.1	203.1	0.00%				
73010	OUT8H_Off	-14.5 V		-12.5 V		-13.4997 V		1.1231 V		296.8	296.7	-13.4998 V		1.57264 V		212	211.9	0.01%				
73011	OUT9_Off	-14.5 V		-12.5 V		-13.5003 V		762.202 V		437.3	437.2	-13.5004 V		838.81 V		397.4	397.2	0.01%				
73012	OUT10_Off	-14.5 V		-12.5 V		-13.4999 V		1.11078 V		300.1	300.1	-13.5001 V		757.921 V		439.8	439.8	0.01%				
73013	OUT11_Off	-14.5 V		-12.5 V		-13.4998 V		762.38 V		437.2	437.1	-13.5 V		974.92 V		341.9	341.9	0.01%				
73014	OUT12_Off	-14.5 V		-12.5 V		-13.5002 V		881.1 V		378.3	378.2	-13.5001 V		860.279 V		387.5	387.4	0.00%				
73015	OUT13_Off	-14.5 V		-12.5 V		-13.5004 V		721.344 V		462.1	461.9	-13.5004 V		854.684 V		390	389.8	0.00%				
73016	OUT14_Off	-14.5 V		-12.5 V		-13.5002 V		909.763 V		366.4	366.3	-13.5003 V		848.454 V		392.9	392.8	0.01%				
73017	OUT15_Off	-14.5 V		-12.5 V		-13.5009 V		736.078 V		452.9	452.4	-13.5009 V		860.316 V		387.5	387.1	0.00%				
73018	OUT15_Off	-14.5 V		-12.5 V		-13.5004 V		1.06808 V		312.1	312	-13.5003 V		1.59781 V		208.6	208.6	0.01%				
73019	OUT1_startUp	-2 V		0.05 V		-0.16154 V		2.35722 V		144.9	29.92	-0.1619 V		2.31154 V		147.8	30.55	0.02%				
73022	OUT4_startUp	-2 V		0.05 V		-0.88796 V		31.3013 V		10.92	9.99	-0.85705 V		45.5311 V		7.5	6.64	1.51%				
73023	OUT5_startUp	-2 V		0.05 V		-0.85398 V		33.0126 V		10.35	9.13	-0.8241 V		46.6321 V		7.33	6.25	1.46%				
73024	OUT6_startUp	-2 V		0.05 V		-0.51383 V		34.7937 V		9.82	5.4	-0.50391 V		41.4014 V		8.25	4.46	0.48%				
73025	OUT7L_startUp	-2 V		0.05 V		-0.46666 V		14.9486 V		23.01	12.28	-0.49022 V		17.1								

Test	Name	Low Limit	units	High Limit	units	AGRATE_DATA					AMK_DATA					ISR [(AMK value-AGR value)/(USL-LSL)]*100					Remarks	
						Mean	units	Sigma	units	Cp	Cpk	Mean	units	Sigma	units	Cp	Cpk	%	5%	15%	20%	
73045	11_1_tdon_8L		90 uS		90 uS	71.80179 uS		3.77	1.96	71.80179 uS		3.79	1.94	71.80179 uS		3.79	1.94					
73046	11_1_tdon_8H		20 uS		90 uS	63.8017 uS		4.11	3.07	63.89352 uS		2.8575 uS		4.11	3.07	0.13%						
73047	11_3_tdon_9		1 uS		30 uS	8.983627 uS		391.914 uS		12.33	6.79	9.012671 uS		386.931 uS		12.49	6.9	0.10%				
73048	11_3_tdon_10		1 uS		30 uS	8.550717 uS		381.113 uS		12.68	6.6	8.545033 uS		387.868 uS		12.46	6.48	0.02%				
73049	11_3_tdon_11		1 uS		30 uS	8.271509 uS		374.84 uS		12.89	6.47	8.306266 uS		377.588 uS		12.8	6.45	0.12%				
73050	11_3_tdon_12		1 uS		30 uS	8.547572 uS		381.457 uS		12.67	6.6	8.565446 uS		387.301 uS		12.48	6.51	0.06%				
73051	11_3_tdon_13		1 uS		30 uS	9.210997 uS		395.797 uS		12.21	6.92	9.214675 uS		393.491 uS		12.28	6.96	0.01%				
73052	11_3_tdon_14		1 uS		30 uS	9.340502 uS		404.1951 uS		11.96	6.88	9.3335 uS		399.23 uS		12.11	6.96	0.05%				
73053	11_3_tdon_15		1 uS		30 uS	9.393108 uS		507.588 uS		9.52	5.51	9.401797 uS		497.724 uS		9.71	5.63	0.05%				
73054	11_3_tdon_15		1 uS		30 uS	9.215696 uS		497.951 uS		9.71	5.5	9.204921 uS		491.213 uS		9.84	5.57	0.04%				
73055	11_2_tdoFF_H_1		50 uS		300 uS	157.6093 uS		9.82871 uS		4.24	3.65	157.6237 uS		9.79992 uS		4.25	3.66	0.01%				
73058	11_2_tdoFF_H_4		50 uS		300 uS	174.7123 uS		11.3442 uS		3.67	3.66	174.5373 uS		11.304 uS		3.69	3.67	0.07%				
73059	11_2_tdoFF_H_5		50 uS		300 uS	108.2386 uS		5.72682 uS		7.28	3.39	108.2802 uS		5.68822 uS		7.33	3.42	0.02%				
73060	11_2_tdoFF_H_6		50 uS		300 uS	155.4168 uS		10.0737 uS		4.14	3.49	155.5146 uS		10.0376 uS		4.15	3.5	0.04%				
73061	11_2_tdoFF_H_7L		20 uS		130 uS	79.89203 uS		3.23861 uS		5.68	5.17	79.81702 uS		3.09253 uS		5.93	5.41	0.09%				
73062	11_2_tdoFF_H_7H		20 uS		130 uS	94.06217 uS		5.88649 uS		3.11	2.04	94.02952 uS		5.76388 uS		3.18	2.08	0.05%				
73063	11_2_tdoFF_H_8L		20 uS		130 uS	79.76259 uS		4.04356 uS		4.53	4.14	79.72311 uS		3.98877 uS		4.6	4.2	0.04%				
73064	11_2_tdoFF_H_8H		20 uS		130 uS	92.11127 uS		5.75529 uS		3.19	2.19	91.94435 uS		5.72164 uS		3.2	2.22	0.15%				
73065	11_4_tdoFF_H_9		5 uS		35 uS	24.47422 uS		1.29259 uS		3.87	2.71	24.5243 uS		1.2981 uS		3.85	2.69	0.17%				
73066	11_4_tdoFF_H_10		5 uS		35 uS	23.62443 uS		1.05894 uS		4.72	3.58	23.62612 uS		1.06917 uS		4.68	3.55	0.01%				
73067	11_4_tdoFF_H_11		5 uS		35 uS	23.34995 uS		1.24154 uS		4.03	3.13	23.42437 uS		1.2449 uS		4.02	3.1	0.25%				
73068	11_4_tdoFF_H_12		5 uS		35 uS	24.14067 uS		1.24064 uS		4.03	2.95	24.01501 uS		1.24811 uS		4.01	2.93	0.03%				
73069	11_4_tdoFF_H_13		5 uS		35 uS	24.71857 uS		1.28951 uS		3.88	2.46	24.75686 uS		1.28802 uS		3.91	2.67	0.02%				
73070	11_4_tdoFF_H_14		5 uS		35 uS	25.10655 uS		1.34009 uS		3.72	2.45	25.11802 uS		1.35272 uS		3.7	2.44	0.04%				
73071	11_4_tdoFF_H_15		5 uS		35 uS	15.77177 uS		542.271 uS		9.22	6.62	15.78028 uS		549.477 uS		9.1	6.54	0.03%				
73072	11_4_tdoFF_H_15		5 uS		35 uS	15.75086 uS		512.319 uS		9.76	6.99	15.74387 uS		529.309 uS		9.45	6.77	0.02%				
73073	11_5_tdon_L_1		15 uS		70 uS	45.80508 uS		1.27927 uS		7.17	6.3	45.7882 uS		1.27714 uS		7.18	6.32	0.03%				
73076	11_5_tdon_L_4		15 uS		70 uS	43.16173 uS		1.15422 uS		7.94	7.75	43.1522 uS		1.14258 uS		8.02	7.83	0.02%				
73077	11_5_tdon_L_5		15 uS		70 uS	42.29623 uS		1.10103 uS		8.33	8.26	42.35288 uS		1.11502 uS		8.22	8.18	0.10%				
73078	11_5_tdon_L_6		15 uS		70 uS	45.47736 uS		1.21667 uS		7.75	6.72	45.51974 uS		1.20611 uS		7.6	6.77	0.06%				
73080	11_6_tdoFF_L_1		40 uS		300 uS	148.4811 uS		3.87037 uS		11.2	9.34	148.4852 uS		3.87417 uS		11.19	9.33	0.00%				
73083	11_6_tdoFF_L_4		40 uS		300 uS	150.4127 uS		3.99963 uS		10.83	9.2	150.5858 uS		3.99133 uS		10.86	9.24	0.07%				
73084	11_6_tdoFF_L_5		40 uS		300 uS	166.9627 uS		4.40397 uS		9.84	9.61	167.2428 uS		4.44305 uS		9.75	9.55	0.11%				
73085	11_6_tdoFF_L_6		40 uS		300 uS	147.367 uS		3.63597 uS		11.92	9.84	147.4852 uS		3.62359 uS		11.96	9.89	0.05%				
73087	11_9_dVoutdt_1		100 mV/uS		600 mV/uS	220.6109 mV/uS		13.0062 mV/uS		6.41	3.09	219.7984 mV/uS		12.9523 mV/uS		6.43	3.08	0.16%				
73090	11_9_dVoutdt_4		100 mV/uS		600 mV/uS	162.9598 mV/uS		12.1983 mV/uS		6.83	1.72	158.3061 mV/uS		10.5871 mV/uS		7.87	1.84	0.93%				
73091	11_9_dVoutdt_5		100 mV/uS		600 mV/uS	301.3594 mV/uS		16.9732 mV/uS		5.13	4.13	294.9726 mV/uS		16.6502 mV/uS		5.1	3.9	1.23%				
73092	11_9_dVoutdt_6		100 mV/uS		600 mV/uS	214.1018 mV/uS		13.9541 mV/uS		5.97	2.73	213.2514 mV/uS		13.8385 mV/uS		6.02	2.73	0.17%				
73093	11_9_dVoutdt_7L		100 mV/uS		600 mV/uS	218.9817 mV/uS		14.8729 mV/uS		5.6	2.67	217.8392 mV/uS		14.3883 mV/uS		5.79	2.73	0.23%				
73094	11_9_dVoutdt_7H		100 mV/uS		600 mV/uS	204.8484 mV/uS		14.2808 mV/uS		5.84	2.45	204.4307 mV/uS		13.9074 mV/uS		5.99	2.5	0.08%				
73095	11_9_dVoutdt_8L		100 mV/uS		600 mV/uS	145.0845 mV/uS		7.71177 mV/uS		10.81	1.95	143.515 mV/uS		7.61326 mV/uS		10.95	1.91	0.31%				
73096	11_9_dVoutdt_8H		100 mV/uS		600 mV/uS	219.3039 mV/uS		18.6996 mV/uS		4.46	2.13	219.5708 mV/uS		18.6497 mV/uS		4.47	2.14	0.05%				
73097	11_11_dVoutdt_9		50 mV/uS		4000 mV/uS	874.7421 mV/uS		57.1116 mV/uS		11.53	4.81	872.8772 mV/uS		57.1648 mV/uS		11.52	4.8	0.05%				
73098	11_11_dVoutdt_10		50 mV/uS		4000 mV/uS	908.9063 mV/uS		50.9093 mV/uS		12.93	6.02	971.1217 mV/uS		50.9485 mV/uS		12.91	6.03	0.01%				
73099	11_11_dVoutdt_11		50 mV/uS		4000 mV/uS	696.8211 mV/uS		44.2044 mV/uS		14.89	4.88	696.1599 mV/uS		43.9483 mV/uS		14.98	4.89	0.07%				
73100	11_11_dVoutdt_12		50 mV/uS		4000 mV/uS	671.706 mV/uS		41.4698 mV/uS		15.88	5	671.8156 mV/uS		41.3805 mV/uS		15.91	5.01	0.00%				
73101	11_11_dVoutdt_13		50 mV/uS		4000 mV/uS	829.4618 mV/uS		52.8495 mV/uS		12.46	4.92	827.2378 mV/uS		52.4675 mV/uS		12.55	4.94	0.06%				
73102	11_11_dVoutdt_14		50 mV/uS		4000 mV/uS	801.9606 mV/uS		52.6838 mV/uS		12.5	4.76	802.0968 mV/uS		52.5748 mV/uS		12.52	4.77	0.00%				
73103	11_11_dVoutdt_15		50 mV/uS		4000 mV/uS	1718.54 mV/uS		61.6459 mV/uS		10.68	9.02	1714.855 mV/uS		61.0353 mV/uS		10.79	9.09	0.09%				
73104	11_11_dVoutdt_15		50 mV/uS		4000 mV/uS	1716.667 mV/uS		58.0885 mV/uS		11.33	9.56	1719.565 mV/uS		58.3035 mV/uS		11.29	9.55	0.07%				
73106	11_15_FPWM4_out7l		415 Hz		585 Hz	481.8265 Hz		14.3709 Hz		1.97	1.55	481.6945 Hz		14.3778 Hz		1.97	1.55	0.08%				
73108	11_15_FPWM4_out7h		415 Hz		585 Hz	481.9175 Hz		14.3925 Hz		1.97	1.55	481.7524 Hz		14.3835 Hz		1.97	1.55	0.10%				
73110	11_15_FPWM4_out8l		415 Hz		585 Hz	481.849 Hz		14.3738 Hz		1.97	1.55	481.7089 Hz		14.379 Hz		1.97	1.55	0.08%				
73112	11_15_FPWM4_out8h		415 Hz		585 Hz	481.893 Hz		14.3925 Hz		1.97	1.55	481.7326 Hz		14.3776 Hz		1.97	1.55	0.09%				
73114	11_12_FPWM1_out9		83 Hz		117 Hz	96.37782 Hz		2.87735 Hz		1.97	1.55	96.3465 Hz		2.87433 Hz		1.97	1.55	0.09%				
73116	11_13_FPWM2_out10		166 Hz		234 Hz	192.7543 Hz		5.75401 Hz		1.97	1.55	192.688 Hz		5.75014 Hz		1.97	1.55	0.10%				
73118	11_14_FPWM3_out11		273.5 Hz		386.1 Hz	321.2549 Hz		9.60377 Hz		1.95	1.64	321.1651 Hz		9.59586 Hz		1.95	1.64	0.08%				
73120	11_15_FPWM4_out12		415 Hz		585 Hz	481.8875 Hz		14.4126 Hz		1.97	1.55	481.7604 Hz		14.3921 Hz		1.97	1.55	0.07%				
73122	11_15_FPWM4_out13		415 Hz		585 Hz	481.8701 Hz		14.3864 Hz		1.97	1.55	481.7488 Hz		14.4008 Hz		1.97	1.55	0.07%				
73124	11_15_FPWM4_out14		415 Hz		585 Hz	481.8681 Hz		14.387 Hz		1.97	1.55	481.7481 Hz		14.4007 Hz		1.97	1.55	0.07%				
73126	11_15_FPWM4_out15		415 Hz		585 Hz	481.8586 Hz		14.3924 Hz		1.97	1.55	481.6935 Hz		14.3752 Hz		1.97	1.55	0.10%				
73128	11_15_FPWM4_ouths		415 Hz																			

Test		Name	Low Limit	units	High Limit	units	AGRATE_DATA						AMK_DATA						GR (AMK value- AGR value)/(USL-LSL)*100					Remarks
							Mean	units	Sigma	units	Cp	Cpk	Mean	units	Sigma	units	Cp	Cpk	%	5%	15%	20%		
56012	T52_TW_hys_M3		1	degC	20	degC	5.675532	degC	675.116	degC	4.69	2.31	5.716644	degC	644.175	degC	4.92	2.44	0.22%					
56013	T2_3_11_T52_TSD1_M3		165	degC	185	degC	176.8327	degC	530.37	degC	6.06	4.95	176.9574	degC	552.214	degC	6.04	4.85	0.62%					
56014	T52_TSD1_hys_M3		1	degC	20	degC	5.117648	degC	642.342	degC	4.93	2.14	5.153787	degC	628.025	degC	5.04	2.2	0.13%					
56015	T2_3_10_T53_TW_M4		140	degC	160	degC	148.1973	degC	549.46	degC	6.07	4.97	148.2831	degC	554.292	degC	6.01	4.98	0.43%					
56016	T53_TW_hys_M4		1	degC	20	degC	5.704136	degC	642.294	degC	4.93	2.44	5.690933	degC	648.55	degC	4.88	2.41	0.07%					
56017	T2_3_11_T53_TSD1_M4		165	degC	185	degC	176.8674	degC	568.792	degC	5.86	4.77	176.9864	degC	552.509	degC	6.03	4.83	0.60%					
56018	T53_TSD1_hys_M4		1	degC	20	degC	5.134067	degC	644.477	degC	4.91	2.14	5.16033	degC	639.687	degC	4.95	2.17	0.14%					
56019	T2_3_10_T54_TW_M5		140	degC	160	degC	149.1355	degC	563.398	degC	5.92	5.4	149.293	degC	577.241	degC	5.77	5.37	0.79%					
56020	T54_TW_hys_M5		1	degC	20	degC	5.536752	degC	642.913	degC	4.93	2.35	5.600704	degC	657.138	degC	4.82	2.33	0.34%					
56021	T2_3_11_T54_TSD1_M5		165	degC	185	degC	177.8372	degC	568.668	degC	5.86	4.2	177.975	degC	602.082	degC	5.54	3.89	0.69%					
56022	T54_TSD1_hys_M5		1	degC	20	degC	5.021582	degC	627.269	degC	5.05	2.14	5.076219	degC	639.168	degC	4.95	2.13	0.23%					
56023	T2_3_10_T56_TW_M6		140	degC	160	degC	145.8752	degC	560.588	degC	5.95	3.49	146.0227	degC	563.588	degC	5.91	3.56	0.74%					
56024	T56_TW_hys_M6		1	degC	20	degC	5.099857	degC	599.109	degC	5.29	2.28	5.130424	degC	584.107	degC	5.42	2.36	0.16%					
56025	T2_3_11_T56_TSD1_M6		165	degC	190	degC	178.8354	degC	662.87	degC	6.29	5.61	178.9826	degC	656.338	degC	6.35	5.6	0.59%					
56026	RT56_TSD1_hys_M6		-2	degC	20	degC	7.527899	degC	1.40883	degC	2.6	2.25	7.695668	degC	1.38787	degC	2.64	2.33	0.76%					
56027	T2_3_10_T55_TW_M7		140	degC	160	degC	145.8808	degC	539.895	degC	6.17	3.63	146.0213	degC	562.063	degC	5.93	3.57	0.70%					
56028	T55_TW_hys_M7		-1	degC	20	degC	5.046413	degC	593.079	degC	5.34	2.27	5.115011	degC	596.824	degC	5.31	2.3	0.36%					
56029	T2_3_11_T55_TSD1_M7		165	degC	190	degC	178.7	degC	804.587	degC	5.18	4.68	178.8132	degC	801.733	degC	5.2	4.65	0.45%					
56030	T55_TSD1_hys_M7		-5	degC	20	degC	3.041589	degC	1.10961	degC	3.76	2.42	3.048525	degC	1.0868	degC	3.83	2.47	0.03%					
56031	T2_3_12_T55_TSD2_M7		175	degC	195	degC	188.9789	degC	598.045	degC	5.57	3.36	189.0836	degC	598.939	degC	5.57	3.29	0.52%					
56032	T2_3_13_T55_deltaTSD1/2_M7		1	degC	35	degC	10.27903	degC	580.502	degC	9.76	5.33	10.27055	degC	575.921	degC	9.84	5.37	0.02%					
74000	LeakDRIVERS_ALARM		0		0		0		0		n/a	n/a	0		0		n/a	n/a						
74001	10_11_lqth01_stb_M1		-5	uA	5	uA	-0.01132	uA	17.2227	uA	96.77	96.55	0.003131	uA	19.6098	uA	84.99	84.94	0.14%					
74004	10_11_lqth04_stb_M1		-5	uA	5	uA	-0.0332	uA	35.4148	uA	47.06	46.75	0.003358	uA	36.1083	uA	46.16	46.13	0.37%					
74005	10_11_lqth05_stb_M1		-5	uA	5	uA	0.0189	uA	3.69071	uA	451.6	449.9	0.0018634	uA	4.05825	uA	410.7	409.2	0.07%					
74006	10_11_lqth06_stb_M1		-5	uA	5	uA	0.00012	uA	4.37789	uA	380.7	380.7	0.001191	uA	3.91686	uA	425.5	425.4	0.01%					
74007	10_10_lqth07_stb_M1		-5	uA	5	uA	0.003774	uA	805.452	uA	2069.2	2067.7	0.004913	uA	638.498	uA	2610.3	2607.7	0.01%					
74008	10_10_lqth08_stb_M1		-5	uA	5	uA	-0.00136	uA	534.417	uA	3118.7	3117.8	-0.0015	uA	339.437	uA	4910.1	4908.6	0.00%					
74009	10_10_lqth09_stb_M1		-5	uA	5	uA	0.00247	uA	6.73777	uA	247.4	247.2	0.000854	uA	5.76918	uA	288.9	288.7	0.01%					
74010	10_10_lqth010_stb_M1		-5	uA	5	uA	0.003914	uA	5.80076	uA	287.3	287.1	0.002921	uA	5.16074	uA	323	322.8	0.01%					
74011	10_10_lqth011_stb_M1		-5	uA	5	uA	0.00057	uA	567.748	uA	2935.6	2935.2	0.001072	uA	561.534	uA	2968.1	2967.4	0.01%					
74012	10_10_lqth012_stb_M1		-5	uA	5	uA	-0.00221	uA	560.929	uA	2971.3	2969.9	-0.00215	uA	487.607	uA	3418.1	3416.6	0.00%					
74013	10_10_lqth013_stb_M1		-5	uA	5	uA	0.00132	uA	6.23498	uA	267.3	267.2	0.002318	uA	4.65274	uA	358.2	358	0.01%					
74014	10_10_lqth014_stb_M1		-5	uA	5	uA	0.003302	uA	4.95651	uA	336.3	336	0.001871	uA	4.28589	uA	388.9	388.7	0.01%					
74015	10_10_lqth015_stb_M1		-5	uA	5	uA	0.004501	uA	7.29163	uA	228.6	228.4	0.005252	uA	6.41847	uA	259.7	259.4	0.01%					
74016	10_10_lqth015_act_M1		-10	uA	5	uA	0.004871	uA	6.66718	uA	250	249.7	0.00405	uA	7.15016	uA	233.1	232.9	0.01%					
74017	10_12_lqth01_stb_M2		10	uA	165	uA	71.80709	uA	3.97788	uA	8.39	6.69	71.73462	uA	3.08907	uA	8.36	6.66	0.05%					
74020	10_12_lqth04_stb_M2		10	uA	165	uA	71.40584	uA	2.99011	uA	8.64	6.85	71.33336	uA	3.00011	uA	8.61	6.81	0.05%					
74021	10_12_lqth05_stb_M2		10	uA	165	uA	71.79419	uA	2.9971	uA	8.62	6.87	71.72285	uA	2.99429	uA	8.63	6.87	0.05%					
74022	10_12_lqth06_stb_M2		10	uA	165	uA	71.66582	uA	3.00997	uA	8.58	6.83	71.60566	uA	3.00514	uA	8.6	6.83	0.04%					
74024	10_11_lqth01_act_M3		-100	uA	-10	uA	-26.9909	uA	678.041	uA	22.12	8.35	-27.0015	uA	669.571	uA	22.4	8.46	0.01%					
74027	10_11_lqth04_act_M3		-100	uA	-10	uA	-26.741	uA	679.576	uA	22.07	8.21	-26.7679	uA	676.768	uA	22.16	8.26	0.03%					
74028	10_11_lqth05_act_M3		-100	uA	-10	uA	-26.8443	uA	674.339	uA	22.24	8.33	-26.8509	uA	676.912	uA	22.16	8.3	0.01%					
74029	10_11_lqth06_act_M3		-100	uA	-10	uA	-26.8107	uA	646.75	uA	22.19	8.66	-26.8164	uA	650.091	uA	22.07	8.62	0.01%					
74030	10_10_lqth07_act_M3		-10	uA	10	uA	-3.86068	uA	118.205	uA	28.2	17.3	-3.83747	uA	102.859	uA	32.41	19.97	0.14%					
74031	10_10_lqth08_act_M3		-10	uA	10	uA	-3.99268	uA	108.859	uA	30.62	18.39	-3.98521	uA	108.458	uA	30.73	18.49	0.04%					
74032	10_10_lqth09_act_M3		-10	uA	10	uA	-3.94364	uA	124.207	uA	26.84	16.25	-3.95538	uA	116.503	uA	28.61	17.29	0.06%					
74033	10_10_lqth010_act_M3		-10	uA	10	uA	-3.8623	uA	119.75	uA	27.84	17.08	-3.87553	uA	117.009	uA	28.49	17.45	0.07%					
74034	10_10_lqth011_act_M3		-10	uA	10	uA	-3.76364	uA	98.2224	uA	33.94	21.16	-3.7575	uA	98.332	uA	33.9	21.16	0.03%					
74035	10_10_lqth012_act_M3		-10	uA	10	uA	-3.77366	uA	98.4274	uA	33.87	21.09	-3.77794	uA	98.5999	uA	33.81	21.03	0.02%					
74036	10_10_lqth013_act_M3		-10	uA	10	uA	-3.84733	uA	121.51	uA	27.43	16.88	-3.8642	uA	113.255	uA	29.43	1						

Test	Name	Low Limit	units	High Limit	units	AGRATE_DATA					AMK_DATA					ISR [AMK value-AGR value]/(USL-LSL)*100					Remarks	
						Mean	units	Sigma	units	Cp	Cpk	Mean	units	Sigma	units	Cp	Cpk	%	5%	15%	20%	
74070	10_10_lqthO14_Ov2_stb_1		5 uA		5 uA	0.00026 uA		9.930206 uA		168	164.9	0.00342 uA		8.94308 uA		186.4	183.4	0.01%				
74071	10_10_lqthO5_Ov2_stb_1	-5 uA	5 uA		5 uA	0.006191 uA		7.0293 uA		237.1	236.8	0.003713 uA		7.02733 uA		237.2	237	0.05%				
74072	10_10_lqthO6_Ov2_stb_1	-5 uA	5 uA		5 uA	0.074406 uA		10.8324 uA		153.9	151.6	0.065743 uA		20.7002 uA		80.51	79.46	0.09%				
74073	10_10_lqthO5_Ov2_stb_1	-5 uA	5 uA		5 uA	0.189545 uA		12.4767 uA		133.6	128.5	0.184788 uA		11.3096 uA		147.4	141.9	0.05%				
74074	10_11_lqthO7_DIFF_stb_1	-3 uA	3 uA		3 uA	0.005851 uA		3.14784 uA		317.7	317.1	0.008344 uA		3.44238 uA		290.5	289.7	0.04%				
74075	10_11_lqthO9_DIFF_stb_1	-3 uA	3 uA		3 uA	0.002637 uA		8.79843 uA		113.7	113.6	0.0036 uA		7.05682 uA		141.7	141.5	0.02%				
74076	10_11_lqthO11_DIFF_stb_1	-3 uA	3 uA		3 uA	-0.00061 uA		754.019 uA		1326.2	1326	0.000252 uA		911.444 uA		1097.2	1097.1	0.01%				
74077	10_11_lqthO13_DIFF_stb_1	-3 uA	3 uA		3 uA	0.004031 uA		8.20109 uA		121.9	121.8	0.005656 uA		5.39043 uA		185.1	185.2	0.03%				
74078	10_10_lqthO15_DIFF_stb_1	-3 uA	3 uA		3 uA	-0.0048 uA		9.59913 uA		103.5	103.4	-0.00405 uA		7.42349 uA		134.7	134.5	0.01%				
74079	10_10_lqthO1_DIFF_stb_1	-3 uA	3 uA		3 uA	-0.00491 uA		24.4097 uA		40.97	40.9	5.68E-05 uA		17.3882 uA		57.51	57.51	0.08%				
74080	10_10_lqthO4_DIFF_stb_1	-3 uA	3 uA		3 uA	0.044414 uA		38.3479 uA		26.08	25.69	0.025743 uA		36.1924 uA		27.63	27.39	0.31%				
74081	10_10_lqthO8_DIFF_stb_1	-3 uA	3 uA		3 uA	-0.00511 uA		883.336 uA		1132.1	1130.1	-0.00506 uA		820.542 uA		1218.7	1216.7	0.00%				
74082	10_10_lqthO10_DIFF_stb_1	-3 uA	3 uA		3 uA	0.076632 uA		11.0696 uA		90.34	88.03	0.071143 uA		9.4112 uA		106.3	103.7	0.09%				
74083	10_10_lqthO12_DIFF_stb_1	-3 uA	3 uA		3 uA	0.072733 uA		6.85763 uA		145.8	142.3	0.064252 uA		4.82193 uA		207.4	202.9	0.14%				
74084	10_10_lqthO14_DIFF_stb_1	-3 uA	3 uA		3 uA	0.087956 uA		11.4093 uA		87.65	85.98	0.076234 uA		9.88875 uA		101.1	98.56	0.26%				
74085	10_10_lqthO5_DIFF_stb_1	-3 uA	3 uA		3 uA	-0.00264 uA		9.92112 uA		100.8	100.7	-0.00375 uA		9.35895 uA		106.8	106.7	0.02%				
74086	10_10_lqthO6_DIFF_stb_1	-3 uA	3 uA		3 uA	0.071885 uA		12.2875 uA		81.38	79.43	0.062741 uA		21.5559 uA		46.39	45.42	0.15%				
74087	10_10_lqthO5_DIFF_stb_1	-3 uA	3 uA		3 uA	0.208677 uA		12.8625 uA		77.75	72.34	0.205882 uA		11.6136 uA		86.11	80.2	0.05%				
75000	ADC_ALARM	0		0		0		0	n/a	n/a		0		0	n/a	n/a		0.21%				
75001	29_7_VTemp1_M1	0.91 V	1.1 V		1.1 V	1.008945 V		0 V	n/a	n/a		1.009351 V	0 V	0 V	n/a	n/a		0.21%				
75002	29_7_VTemp2_M2	0.91 V	1.1 V		1.1 V	1.019797 V		1.52958 V		20.7	17.49	1.020416 V	1.57069 V	20.16	16.9	0.31%						
75003	29_7_VTemp3_M3	0.91 V	1.1 V		1.1 V	1.020315 V		1.53571 V		23.43	19.69	1.020522 V	1.41605 V	22.36	18.72	0.16%						
75004	29_7_VTemp4_M4	0.91 V	1.1 V		1.1 V	1.022777 V		1.13237 V		19.67	19.67	1.023444 V	1.38066 V	22.95	18.57	0.06%						
75005	29_7_VTemp5_M5	0.91 V	1.1 V		1.1 V	1.00932 V		1.15004 V		27.54	26.29	1.009598 V	1.24284 V	25.48	24.25	0.15%						
75006	29_7_VTemp6_M6	0.91 V	1.1 V		1.1 V	1.009253 V		1.11679 V		28.36	27.09	1.009526 V	1.2077 V	26.22	24.97	0.14%						
75007	30_1_AdcCL1_M1	1.3 V	1.9 V		1.9 V	1.587556 V		2.10927 V		45.61	43.72	1.585545 V	2.3461 V	42.62	40.57	0.34%						
75008	30_1_AdcCL2_M1	1.3 V	1.9 V		1.9 V	1.589409 V		2.02391 V		49.19	47.46	1.587334 V	2.24844 V	44.48	42.6	0.35%						
75009	30_1_AdcCL3_M1	1.3 V	1.9 V		1.9 V	1.589869 V		2.0573 V		48.61	46.97	1.587797 V	2.21613 V	45.12	43.29	0.35%						
75010	30_1_AdcCL4_M1	1.3 V	1.9 V		1.9 V	1.590847 V		2.31087 V		43.28	41.62	1.586346 V	2.27235 V	41.98	40	0.35%						
75011	30_1_AdcCL5_M1	1.3 V	1.9 V		1.9 V	1.590489 V		2.11193 V		47.35	45.85	1.58835 V	2.38185 V	43.98	40.36	0.35%						
75012	30_1_AdcCL6_M1	1.3 V	1.9 V		1.9 V	1.587091 V		2.21615 V		45.12	43.18	1.584969 V	2.23343 V	44.77	42.53	0.35%						
75013	AdcV5REG_5v_M1	4 V	6 V		6 V	5.033959 V		15.5162 V		21.48	20.75	5.033658 V	15.6653 V	21.28	20.56	0.02%						
75014	AdcV5REG_5v_M2	4 V	6 V		6 V	5.048393 V		15.2729 V		21.83	20.77	5.048311 V	15.3204 V	21.76	20.71	0.00%						
75015	29_3_AdcV5REG_5vAcc_M2	-4.6 V	4.6 V		4.6 V	0.96744 V		0.305459 V		5.02	3.96	0.965842 V	0.306408 V	5	3.95	0.02%						
75016	AdcV5REG_6v_M3	5 V	7 V		7 V	6.021971 V		15.3882 V		21.66	21.19	6.021826 V	15.3081 V	21.77	21.3	0.01%						
75017	29_3_AdcV5REG_6vAcc_M3	-4 V	4 V		4 V	0.365481 V		0.256474 V		5.2	4.73	0.361058 V	0.255136 V	5.23	4.75	0.03%						
75018	AdcV5REG_17v_M4	16 V	19 V		19 V	17.02515 V		7.99 V		7.99	7.79	17.02341 V	41.6691 V	8	7.81	0.00%						
75019	29_3_AdcV5REG_17vAcc_M4	-3.5 V	3.5 V		3.5 V	0.147495 V		0.245382 V		4.75	4.55	0.137805 V	0.245111 V	4.76	4.57	0.15%						
75020	AdcV5REG_21v_M5	20 V	22 V		22 V	21.0091 V		51.4951 V		6.47	6.41	21.00738 V	51.3557 V	6.49	6.44	0.09%						
75021	29_3_AdcV5REG_21vAcc_M5	-3 V	3 V		3 V	0.043341 V		0.245213 V		4.08	4.02	0.035083 V	0.244549 V	4.09	4.04	0.14%						
75022	AdcV5REG_12v_M6	11.5 V	12.5 V		12.5 V	12.02896 V		27.2707 V		6.11	5.76	12.02771 V	27.3427 V	6.1	5.76	0.12%						
75023	AdcWU1_1v_M1	0.7 V	1.3 V		1.3 V	1.033276 V		4.88875 V		20.46	18.18	1.033398 V	4.60723 V	21.71	19.28	0.02%						
75024	AdcWU1_4p6v_M2	4 V	5 V		5 V	4.466369 V		12.232 V		13.63	9.16	4.466964 V	12.2133 V	13.65	9.17	0.00%						
75025	29_3_AdcWU1_4p6vAcc_M2	-4.6 V	4.6 V		4.6 V	1.386929 V		0.266912 V		4.03	3.77	1.388892 V	0.265508 V	4.03	3.76	0.00%						
75026	AdcWU1_6v_M3	6 V	6.5 V		6.5 V	6.075528 V		13.745 V		18.19	10.35	6.073783 V	13.768 V	18.16	10.32	0.02%						
75027	29_3_AdcWU1_6vAcc_M3	-4 V	4 V		4 V	1.223717 V		0.229083 V		5.82	4.04	1.227734 V	0.229467 V	5.81	4.03	0.05%						
75028	AdcWU1_18v_M4	17 V	19 V		19 V	18.14585 V		34.5512 V		9.65	8.24	18.14489 V	35.177 V	9.48	8.1	0.05%						
75029	29_3_AdcWU1_18vAcc_M4	-3.5 V	3.5 V		3.5 V	0.101019 V		0.191952 V		6.08	4.67	0.804823 V	0.195428 V	5.97	4.6	0.08%						
75030	AdcWU1_21v_M5	20 V	22 V		22 V	21.17353 V		38.2683 V		8.71	7.2	21.17247 V	38.3617 V	8.69	7.19	0.05%						
75031	29_3_AdcWU1_21vAcc_M5	-3 V	3 V		3 V	0.826535 V		0.18223 V		5.49	3.98	0.821579 V	0.182675 V	5.47	3.98	0.08%						
75032	AdcWU1_0p7v_M6	0.01 V	1 V		1 V	0.033193 V		6.42976 V		25.66	1.2	0.033149 V	6.39109 V	25.82	1.2	0.00%						
75033	AdcV5_1v_M1	0.5 V	1.5 V		1.5 V	1.027496 V		4.62798 V		36.01	34.03	1.027767 V	4.49148 V	37.11	35.05	0.05%						
75034	AdcV5_4p6v_M2	4 V	5 V		5 V	4.464736 V		12.4249 V		13.41	9.48	4.46485 V	12.6053 V	13.22	9.34	0.01%						
75035	29_3_AdcV5_4p6vAcc_M2	-4.6 V	4.6 V		4.6 V	1.01603 V		0.270107 V		5.68	4.42	1.018689 V	0.274029 V	5.6	4.36	0.03%						
75036	AdcV5_6v_M3	5 V	7 V		7 V	6.048835 V		16.772 V		19.87	18.01	6.049088 V	16.9648 V	19.65	18.69	0.01%						
75037	29_3_AdcV5_6vAcc_M3	-4 V	4 V		4 V	0.811674 V		0.279533 V		4.77	3.8	0.815675 V	0.282748 V	4.72	3.75	0.05%						
75038	AdcV5_16_M4	15 V	17 V		17 V	16.07568 V		42.7237 V		7.8	7.21	16.07502 V	42.9568 V	7.76	7.18	0.03%						
75039	29_3_AdcV5_16vAcc_M4	-3.5 V	3.5 V		3.5 V	0.472443 V		0.267023 V		4.37	3.78	0.468212 V	0.26848 V	4.35	3.76	0.06%						
75040	AdcV5_21v_M5	20 V	22 V		22 V	21.08181 V		52.9997 V		6.29	5.77	21.08082 V	53.2664 V	6.26	5.75	0.05%						
75041	29_3_AdcV5_21vAcc_M5	-3 V	3 V		3 V	0.389558 V		0.252379 V		3.96	3.45	0.384823 V	0.253649 V	3.94	3.44	0.08%						
75042	AdcV5_12v_M6	11 V	13 V		13 V	12.06704 V		27.2341 V		12.24	11.42	12.06664 V	27.0699 V	12.31	11.49	0.02%						
75043	AdcErrorDet_M7	0	0		0	0		0	n/a	n/a		0	0	n/a	n/a		0.00%					
75044	29_6_AdcLsat_M7	0 LSB	2 LSB		2 LSB	0 LSB																

Test	Name	Low Limit	units	High Limit	units	AGRATE DATA						AMK DATA						ISR [(AMK value- AGR value)/(USL-LSU)]*100					Remarks
						Mean	units	Sigma	units	Cp	Cpk	Mean	units	Sigma	units	Cp	Cpk	%	5%	15%	20%		
98015	OPT-OUT8_bis	-900	mV		mV	-591.561	mV	3.6392	mV	n/a	28.25	-591.655	mV	3.65603	mV	n/a	28.11						
98016	OPT-OUT4_bis	-900	mV		mV	-544.531	mV	54.2362	mV	n/a	2.18	-564.741	mV	52.8664	mV	n/a	2.11						
98017	OPT-SH2_bis	-1000	mV		mV	-721.159	mV	5.82518	mV	n/a	15.96	-720.898	mV	5.82051	mV	n/a	15.98						
98018	OPT-GH1_bis	-900	mV		mV	-789.151	mV	767.407	mV	n/a	48.15	-788.304	mV	789.744	mV	n/a	47.14						
98019	OPT-WU1_bis	-900	mV		mV	-579.967	mV	3.71661	mV	n/a	28.7	-579.468	mV	3.7176	mV	n/a	28.74						
98020	OPT-DO_bis	-900	mV		mV	-600.042	mV	14.3869	mV	n/a	6.95	-595.728	mV	14.1703	mV	n/a	7.16						
98021	OPT-CSN_bis	-900	mV		mV	-877.862	mV	2.90821	mV	n/a	2.54	-876.988	mV	2.955	mV	n/a	2.6						
98022	OPT-CP1P_bis	-900	mV		mV	-837.603	mV	2.99389	mV	n/a	6.95	-838.057	mV	2.86304	mV	n/a	7.21						
98023	OPT-Rx0_L_bis	-900	mV		mV	-669.523	mV	50.2434	mV	n/a	1.53	-656.771	mV	53.4293	mV	n/a	1.52						
98024	OPT-Rx0_C_bis	-900	mV		mV	-603.371	mV	13.8935	mV	n/a	7.12	-600.64	mV	13.198	mV	n/a	7.56						
98025	OPT-PWMH_bis	-900	mV		mV	-875.725	mV	2.80763	mV	n/a	2.88	-877.124	mV	2.58392	mV	n/a	2.95						
98026	OPT-DIR2_bis	-900	mV		mV	-876.397	mV	2.76594	mV	n/a	2.84	-876.841	mV	2.50145	mV	n/a	3.09						
98027	OPT-NINT_bis	-900	mV		mV	-604.589	mV	18.6748	mV	n/a	5.27	-594.94	mV	14.6297	mV	n/a	6.95						
98028	OPT-CP2P_bis	-900	mV		mV	-845.656	mV	3.03121	mV	n/a	5.98	-844.356	mV	2.86269	mV	n/a	6.48						
98029	OPT-OUT9_bis	-900	mV		mV	-587.898	mV	2.41958	mV	n/a	43	-587.393	mV	2.41618	mV	n/a	43.13						
98030	OPT-OUT5_bis	-900	mV		mV	-663.104	mV	2.06844	mV	n/a	38.18	-662.407	mV	2.0951	mV	n/a	37.8						
98031	OPT-CANSUP_bis	-3.5	V		V	-3.00085	V	443.867	V	n/a	374.9	-3.00093	V	365.173	V	n/a	455.6						
98032	OPT-V5_2_bis	-900	mV		mV	-566.387	mV	2.17603	mV	n/a	51.1	-565.715	mV	2.22522	mV	n/a	50.08						
98033	OPT-CP_bis	-900	mV		mV	-532.334	mV	1.96041	mV	n/a	62.51	-532.372	mV	2.00294	mV	n/a	61.18						
98034	OPT-SHheater_bis	-3.5	V		V	-3.00082	V	173.999	V	n/a	956.6	-3.00059	V	224.022	V	n/a	743.2						
98035	OPT-V5_bis	-900	mV		mV	-547.824	mV	70.3801	mV	n/a	1.67	-579.041	mV	69.973	mV	n/a	1.53						
98036	OPT-OUT5_bis	-900	mV		mV	-529.151	mV	77.2764	mV	n/a	1.6	-567.918	mV	79.4376	mV	n/a	1.39						
98037	OPT-OUT6_bis	-900	mV		mV	-552.09	mV	75.1614	mV	n/a	1.54	-587.254	mV	75.7788	mV	n/a	1.38						
98038	OPT-ECDR_bis	-3.5	V		V	-3.0004	V	261.145	V	n/a	637.7	-3.00062	V	270.754	V	n/a	614.8						
98039	OPT-CM_bis	-900	mV		mV	-862.505	mV	908.777	mV	n/a	13.75	-861.888	mV	874.173	mV	n/a	14.53						
98040	OPT-OUT11_bis	-900	mV		mV	-587.456	mV	2.45624	mV	n/a	42.41	-586.699	mV	2.471	mV	n/a	42.26						
98041	OPT-GL2_bis	-900	mV		mV	-631.424	mV	36.9396	mV	n/a	2.42	-640.983	mV	33.2289	mV	n/a	2.6						
98042	OPT-OUT13_bis	-900	mV		mV	-586.696	mV	2.4191	mV	n/a	43.17	-586.609	mV	2.42109	mV	n/a	43.15						
98043	OPT-LS250_bis	-900	mV		mV	-542.265	mV	15.953	mV	n/a	7.47	-534.89	mV	17.7017	mV	n/a	6.88						
98044	OPT-SH1_bis	-1000	mV		mV	-713.764	mV	5.31992	mV	n/a	17.93	-713.257	mV	5.40749	mV	n/a	17.68						
98045	OPT-GH2_bis	-900	mV		mV	-786.754	mV	459.464	mV	n/a	82.16	-785.902	mV	572.277	mV	n/a	66.46						
98046	OPT-OUT2_bis	-3.5	V		V	-3.00071	V	195.436	V	n/a	851.8	-3.00065	V	241.249	V	n/a	690						
98047	OPT-CP2M_bis	-900	mV		mV	-595.146	mV	3.00025	mV	n/a	33.87	-595.132	mV	2.86854	mV	n/a	35.43						
98048	OPT-CP1M_bis	-900	mV		mV	-595.902	mV	3.04959	mV	n/a	33.24	-595.537	mV	3.02469	mV	n/a	33.55						
98049	OPT-CLK_bis	-900	mV		mV	-870.371	mV	1.82987	mV	n/a	5.4	-867.038	mV	1.96759	mV	n/a	5.58						
98050	OPT-DI_bis	-900	mV		mV	-870.068	mV	1.84303	mV	n/a	5.41	-868.031	mV	1.92544	mV	n/a	5.53						
98051	OPT-Tx0_L_bis	-900	mV		mV	-594.705	mV	3.26629	mV	n/a	31.16	-593.55	mV	3.21069	mV	n/a	31.82						
98052	OPT-Tx0_C_bis	-900	mV		mV	-594.594	mV	3.24795	mV	n/a	31.34	-593.905	mV	3.1989	mV	n/a	31.9						
98053	OPT-DIR1_bis	-900	mV		mV	-868.677	mV	2.48084	mV	n/a	4.21	-868.7	mV	1.68531	mV	n/a	6.19						
98054	OPT-DIRH_bis	-900	mV		mV	-869.954	mV	1.95738	mV	n/a	5.12	-867.588	mV	1.58538	mV	n/a	6.81						
98055	OPT-NRESET_bis	-900	mV		mV	-712.512	mV	26.9845	mV	n/a	2.32	-709.966	mV	25.192	mV	n/a	2.51						
98056	OPT-DEBUG_bis	-900	mV		mV	-595.338	mV	2.96964	mV	n/a	34.2	-593.636	mV	2.89236	mV	n/a	35.31						
98057	OPT-PGND_F_bis	-900	mV		mV	-762.194	mV	125.44	mV	n/a	0.3662	-781.871	mV	106.39	mV	n/a	0.3701						
98058	OPT-PGND1_F_bis	-900	mV		mV	-743.75	mV	43.9071	mV	n/a	1.19	-712.768	mV	55.3695	mV	n/a	1.13						
98059	OPT-PGND2_F_bis	-3000	mV		mV	-1151.44	mV	53.5446	mV	n/a	11.51	-1112	mV	64.2867	mV	n/a	9.79						
98060	OPT-PGND3_F_bis	-3.5	V		V	-1.57702	V	60.9746	V	n/a	10.51	-1.52649	V	70.9256	V	n/a	9.28						
98061	OPT-PGND4_F_bis	-1100	mV		mV	-769.489	mV	54.37	mV	n/a	2.03	-773.727	mV	61.5022	mV	n/a	1.77						
98062	OPT-PGND5_F_bis	-1100	mV		mV	-785.285	mV	56.4394	mV	n/a	1.86	-765.537	mV	75.2753	mV	n/a	1.48						
98063	OPT-PGND_5_bis	-1100	mV		mV	-789.196	mV	51.1299	mV	n/a	2.03	-779.43	mV	71.6442	mV	n/a	1.49						
98064	OPT-PGND1_5_bis	-1100	mV		mV	-794.084	mV	56.1519	mV	n/a	1.82	-794.885	mV	67.4294	mV	n/a	1.51						
98065	OPT-PGND2_5_bis	-3.5	V		V	-1.86978	V	22.5153	V	n/a	24.13	-1.86707	V	12.5226	V	n/a	43.47						
98066	OPT-PGND3_5_bis	-3.5	V		V	-1.85595	V	18.6935	V	n/a	29.32	-1.85542	V	12.1653	V	n/a	45.06						
98067	OPT-PGND5_5_bis	-1100	mV		mV	-782.364	mV	56.1457	mV	n/a	1.89	-782.058	mV	53.0625	mV	n/a	2						
98068	OPT-PGND5UB_5_bis	-1100	mV		mV	-842.321	mV	3.37597	mV	n/a	25.44	-833.758	mV	13.2534	mV	n/a	6.7						
98069	OPT-AGND_F_bis	-1100	mV		mV	-774.621	mV	50.4678	mV	n/a	2.15	-767.48	mV	56.4692	mV	n/a	1.96						
98070	OPT-AGND_5_bis	-1100	mV		mV	-763.417	mV	124.265	mV	n/a	0.9029	-785.037	mV	106.182	mV	n/a	0.9888						
98071	SHT-OUT14_bis		mV	-300	mV	-596.184	mV	3.38907	mV	n/a	29.13	-595.659	mV	3.3086	mV	n/a	29.79						
98072	SHT-OUT10_bis		mV	-300	mV	-596.147	mV	5.25401	mV	n/a	18.79	-594.105	mV	3.47389	mV	n/a	28.22						
98073	SHT-OUT7_bis		mV	-300	mV	-594.276	mV	3.18019	mV	n/a	30.84	-594.245	mV	3.14652	mV	n/a	31.17						
98074	SHT-OUT15_bis		mV	-300	mV	-672.123	mV	3.54816	mV	n/a													

Test	Name	Low Limit	units	High Limit	units	AGRATE_DATA					AMK_DATA					ISR [(AMK value-AGR value)/(USL-LSU)]*100				Remarks		
						Mean	units	Sigma	units	Cp	Cpk	Mean	units	Sigma	units	Cp	Cpk	%	5%		15%	20%
98007	SHT-CP2P_bis		mV	-300	mV	-845.656	mV	3.03121	mV	n/a	60	-844.356	mV	2.86269	mV	n/a	63.39					
98008	SHT-OUT9_bis		mV	-300	mV	-587.898	mV	2.41958	mV	n/a	39.66	-587.393	mV	2.41618	mV	n/a	39.65					
98009	SHT-OutH5_bis		mV	-300	mV	-663.104	mV	2.06844	mV	n/a	58.51	-662.407	mV	2.0951	mV	n/a	57.66					
98100	SHT-CANSUP_bis		V	-2.8	V	-3.00085	V	443.867	V	n/a	150.8	-3.00093	V	365.173	V	n/a	183.3					
98101	SHT-V5_2_bis		mV	-300	mV	-566.387	mV	2.17603	mV	n/a	40.81	-565.715	mV	2.22522	mV	n/a	39.8					
98102	SHT-CP_bis		mV	-300	mV	-532.334	mV	1.96041	mV	n/a	39.5	-532.372	mV	2.00294	mV	n/a	38.67					
98103	SHT-SHheater_bis		V	-2.8	V	-3.00082	V	173.999	V	n/a	384.4	-3.00059	V	224.022	V	n/a	298.4					
98104	SHT-V5_bis		mV	-300	mV	-547.824	mV	70.3801	mV	n/a	1.17	-579.041	mV	69.973	mV	n/a	1.33					
98105	SHT-OUT5_bis		mV	-300	mV	-529.151	mV	77.2764	mV	n/a	0.9884	-567.918	mV	79.4376	mV	n/a	1.12					
98106	SHT-OUT6_bis		mV	-300	mV	-552.09	mV	75.1614	mV	n/a	1.12	-587.254	mV	75.7788	mV	n/a	1.26					
98107	SHT-ECDR_bis		V	-2.8	V	-3.0004	V	261.1451	V	n/a	255.9	-3.00062	V	270.754	V	n/a	246.9					
98108	SHT-CM_bis		mV	-300	mV	-862.505	mV	908.777	mV	n/a	206.3	-861.888	mV	874.173	mV	n/a	214.3					
98109	SHT-Out11_bis		mV	-300	mV	-587.456	mV	2.45624	mV	n/a	39.01	-586.699	mV	2.471	mV	n/a	38.68					
98110	SHT-GL2_bis		mV	-300	mV	-631.424	mV	36.9396	mV	n/a	2.99	-640.983	mV	33.2289	mV	n/a	3.42					
98111	SHT-OUT13_bis		mV	-300	mV	-586.696	mV	2.4191	mV	n/a	39.5	-586.609	mV	2.42109	mV	n/a	39.46					
98112	SHT-LS250_bis		mV	-200	mV	-542.265	mV	15.953	mV	n/a	7.15	-534.89	mV	17.7017	mV	n/a	6.31					
98113	SHT-SH1_bis		mV	-100	mV	-713.764	mV	5.31992	mV	n/a	38.46	-713.257	mV	5.40749	mV	n/a	37.8					
98114	SHT-GH2_bis		mV	-300	mV	-786.574	mV	459.464	mV	n/a	353.1	-785.902	mV	572.277	mV	n/a	283					
98115	SHT-OUT2_bis		V	-2.8	V	-3.00071	V	195.436	V	n/a	342.2	-3.00065	V	241.249	V	n/a	277.1					
98116	SHT-CP2M_bis		mV	-300	mV	-595.146	mV	3.00025	mV	n/a	32.79	-595.132	mV	2.86854	mV	n/a	34.3					
98117	SHT-CP1M_bis		mV	-300	mV	-595.902	mV	3.04959	mV	n/a	32.34	-595.537	mV	3.02469	mV	n/a	32.57					
98118	SHT-CLK_bis		mV	-300	mV	-870.371	mV	1.82989	mV	n/a	103.9	-867.038	mV	1.96759	mV	n/a	96.06					
98119	SHT-DI_bis		mV	-300	mV	-870.068	mV	1.94303	mV	n/a	103.1	-868.031	mV	1.92544	mV	n/a	98.34					
98120	SHT-TxD_L_bis		mV	-300	mV	-594.705	mV	3.26629	mV	n/a	30.08	-593.55	mV	3.21069	mV	n/a	30.48					
98121	SHT-TxD_C_bis		mV	-300	mV	-594.594	mV	3.24795	mV	n/a	30.23	-593.905	mV	3.1989	mV	n/a	30.63					
98122	SHT-DIR1_bis		mV	-300	mV	-868.677	mV	2.48084	mV	n/a	76.41	-868.7	mV	1.68531	mV	n/a	112.5					
98123	SHT-DIRH_bis		mV	-300	mV	-869.954	mV	1.95738	mV	n/a	97.06	-867.588	mV	1.58538	mV	n/a	119.3					
98124	SHT-NRESET_bis		mV	-300	mV	-712.512	mV	26.9845	mV	n/a	5.1	-709.966	mV	25.192	mV	n/a	5.42					
98125	SHT-DEBUR_bis		mV	-300	mV	-595.338	mV	2.96964	mV	n/a	33.15	-593.636	mV	2.89236	mV	n/a	33.84					
98126	SHT-PGND_F_bis		mV	-300	mV	-762.194	mV	125.44	mV	n/a	1.23	-781.871	mV	106.39	mV	n/a	1.51					
98127	SHT-PGND1_F_bis		mV	-300	mV	-743.75	mV	43.9071	mV	n/a	3.37	-712.768	mV	55.3695	mV	n/a	2.48					
98128	SHT-PGND2_F_bis		mV	-300	mV	-1151.44	mV	53.5446	mV	n/a	5.3	-1112	mV	64.2867	mV	n/a	4.21					
98129	SHT-PGND3_F_bis		mV	-300	mV	-1577.02	mV	60.9746	mV	n/a	6.98	-1526.49	mV	70.9256	mV	n/a	5.76					
98130	SHT-PGND4_F_bis		mV	-300	mV	-769.489	mV	54.37	mV	n/a	2.88	-773.727	mV	61.5022	mV	n/a	2.57					
98131	SHT-PGND5_F_bis		mV	-300	mV	-785.285	mV	56.4394	mV	n/a	2.87	-765.537	mV	75.2753	mV	n/a	2.06					
98132	SHT-PGND_S_bis		mV	-300	mV	-789.196	mV	51.1299	mV	n/a	3.19	-779.43	mV	71.6442	mV	n/a	2.23					
98133	SHT-PGND1_S_bis		mV	-300	mV	-794.084	mV	56.1519	mV	n/a	2.93	-794.885	mV	67.4294	mV	n/a	2.45					
98134	SHT-PGND2_S_bis		mV	-300	mV	-1869.78	mV	22.5153	mV	n/a	23.24	-1867.07	mV	12.5226	mV	n/a	41.71					
98135	SHT-PGND3_S_bis		mV	-300	mV	-1855.97	mV	18.6935	mV	n/a	27.75	-1855.44	mV	12.1653	mV	n/a	42.62					
98136	SHT-PGND4_S_bis		mV	-300	mV	-782.364	mV	56.1457	mV	n/a	2.86	-782.058	mV	53.0625	mV	n/a	3.03					
98137	SHT-PGND5_S_bis		mV	-300	mV	-842.321	mV	3.37597	mV	n/a	53.55	-833.758	mV	13.2534	mV	n/a	13.42					
98138	SHT-AGND_F_bis		mV	-300	mV	-774.621	mV	50.4678	mV	n/a	3.13	-767.48	mV	56.4692	mV	n/a	2.76					
98139	SHT-AGND_S_bis		mV	-300	mV	-765.417	mV	124.265	mV	n/a	1.24	-785.037	mV	106.182	mV	n/a	1.52					
98146	NOS_VOUT1_P_bis	100	mV	1000	mV	702.3536	mV	33.3481	mV	4.5	2.98	694.2733	mV	29.0369	mV	5.17	3.51	0.90%				
98148	NOS_VOUT4_P_bis	100	mV	1000	mV	667.9878	mV	36.0678	mV	4.16	3.07	663.4812	mV	27.369	mV	5.48	4.1	0.50%				
98149	NOS_VOUT7_P_bis	100	mV	1000	mV	765.8253	mV	24.6079	mV	6.1	3.17	752.456	mV	25.858	mV	5.8	3.19	1.49%				
98150	NOS_VOUT9_P_bis	100	mV	1000	mV	769.7374	mV	39.6073	mV	3.79	1.94	751.2545	mV	41.9908	mV	3.57	1.97	2.05%				
98151	NOS_VOUT11_P_bis	100	mV	1000	mV	797.5098	mV	38.8763	mV	3.86	1.74	780.372	mV	38.4283	mV	3.9	1.91	1.90%				
98152	NOS_VOUT13_P_bis	100	mV	1000	mV	785.4978	mV	39.1783	mV	3.83	1.83	769.2021	mV	38.401	mV	3.91	2	1.81%				
98153	NOS_VOUT15_P_bis	100	mV	1000	mV	650.0803	mV	25.4331	mV	58.98	45.86	648.4967	mV	1.30793	mV	114.7	89.58	0.18%				
98154	NOS_VOUT6_P_bis	100	mV	1000	mV	696.962	mV	36.8152	mV	4.07	2.74	688.0384	mV	32.185	mV	4.66	3.23	0.99%				
98156	NOS_VOUT5_P_bis	100	mV	1000	mV	663.1991	mV	38.5706	mV	3.89	2.91	657.3876	mV	30.5442	mV	4.91	3.74	0.65%				
98157	NOS_VOUT8_P_bis	100	mV	1000	mV	799.5995	mV	11.1866	mV	13.41	5.97	796.1723	mV	10.0234	mV	14.97	6.78	0.38%				
98158	NOS_VOUT10_P_bis	100	mV	1000	mV	785.6135	mV	43.4982	mV	3.45	1.64	762.0539	mV	46.9533	mV	3.19	1.69	2.62%				
98159	NOS_VOUT12_P_bis	100	mV	1000	mV	791.0113	mV	43.8461	mV	3.42	1.59	772.0787	mV	43.0994	mV	3.48	1.76	2.10%				
98160	NOS_VOUT14_P_bis	100	mV	1000	mV	779.1109	mV	43.8428	mV	3.42	1.68	761.277	mV	42.7499	mV	3.51	1.86	1.97%				
98161	NOS_VOUTH5_P_bis	100	mV	1000	mV	649.3619	mV	3.07618	mV	48.76	37.99	647.6865	mV	1.84992	mV	81.08	63.48	0.13%				