

Series: Low Profile Transit

**Description: Low Profile 617-3800MHz,
NMO High Frequency mount, Monopole**

**PART NUMBER: LPT600/3800NMOHF (Black)
LPT600/3800NMOHFW (White)**



Features:

- 4G / 5G LTE
- 617-960/1710-2170/
2300-2700/3400-3800MHz
- Includes New Band 71 (617- 698
MHz) and CBRS Bands 42 and
48 (3.4-3.7 GHz)
- Omni radiation pattern
- Average peak gain
3.8/5.2/5.6/5.5dBi
- Power rating 60W
- Size Dia. 40.9mm (1.61")
- Height 77.7mm (3.06")
- NMOHF Connector

Applications:

- 4G / 5G (LTE)
- Utility boxes
- Smart metering
- IoT Devices

Issue: 1923

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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Tel: 86 512 6807 9998



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| | |
|---|--|
| Antenna type | Monopole, Measured on Ø1016mm (40") ground plane |
| Frequency | 617-960/1710-2170/2300-2700/3400-3800 MHz |
| Nominal Impedance | 50 Ω |
| VSWR (617-960/1710-2700/3400-3800) | 3:1/2.5/2.5 |
| Average peak gain (617-960/1710-2170/2300-2700/3400-3800) | 3.8/5.2/5.6/5.5 dBi |
| Average efficiency (617-960/1710-2170/2300-2700/3400-3800) | 85/82/83/80 % |
| Radiation Pattern | Omni |
| HPBW Vertical Plane (617-960/1710-2170/2300-2700/3400-3800) | 45/30/23/32 ° |
| Polarization | Vertical |
| Power withstanding | 60 W |

MECHANICAL SPECIFICATIONS

| | |
|--------------------------|--|
| Diameter / height | 40.9 / 77.7mm (1.61" / 3.06") |
| Weight | 63 g (.14lbs) |
| Antenna Color / Material | Black or White / UV Stabilized plastic |
| Connector | NMOHF |
| Mounting (required) | NMOHF |

ENVIRONMENTAL SPECIFICATIONS

| | |
|-----------------------|----------------|
| Operating Temperature | -40° to +85° C |
| Ingress Protection | IP67 |
| RoHS Compliant | Yes |

OTHER SPECIFICATIONS

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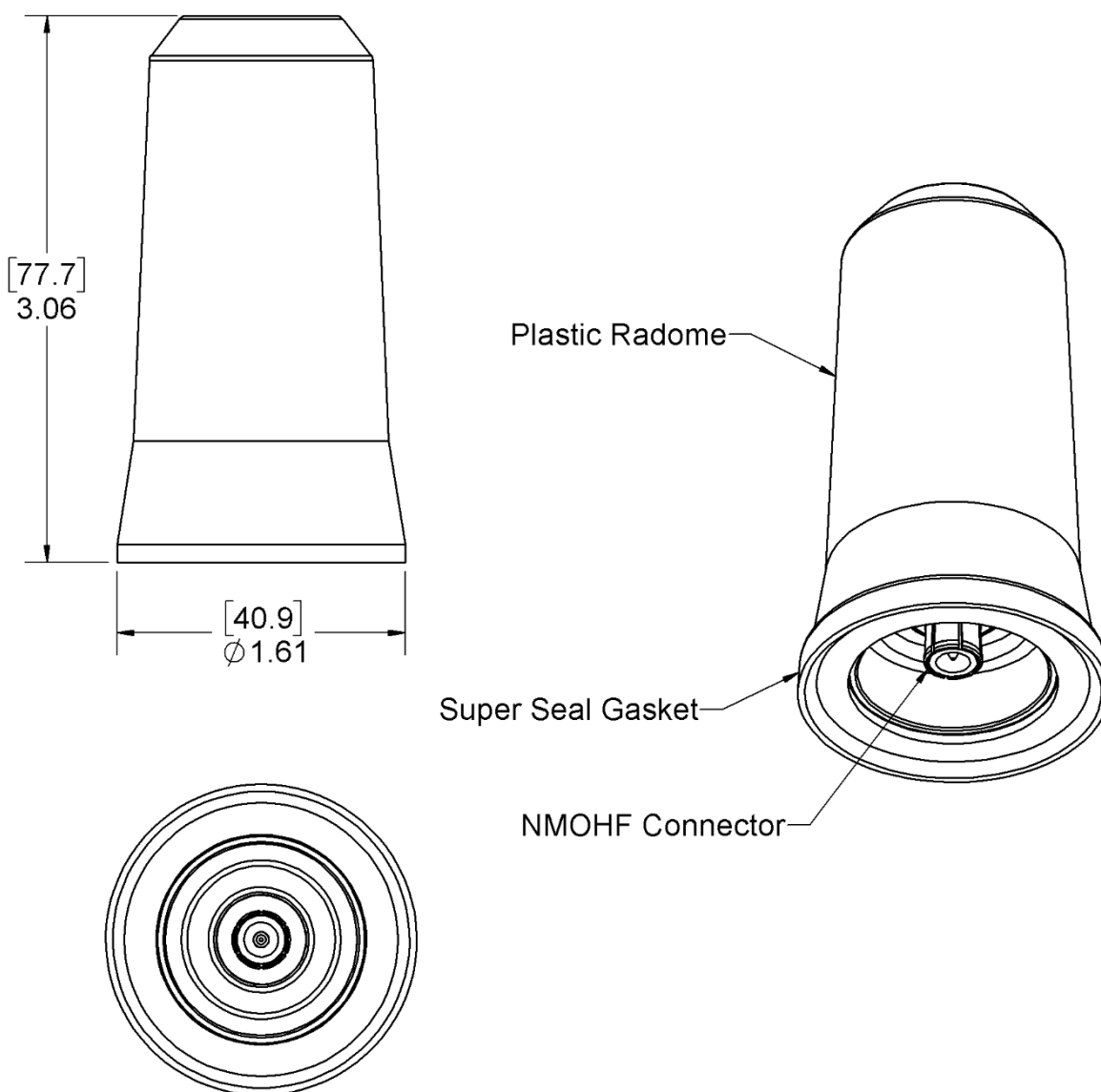
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MECHANICAL DRAWING



All dimensions are in mm / inches

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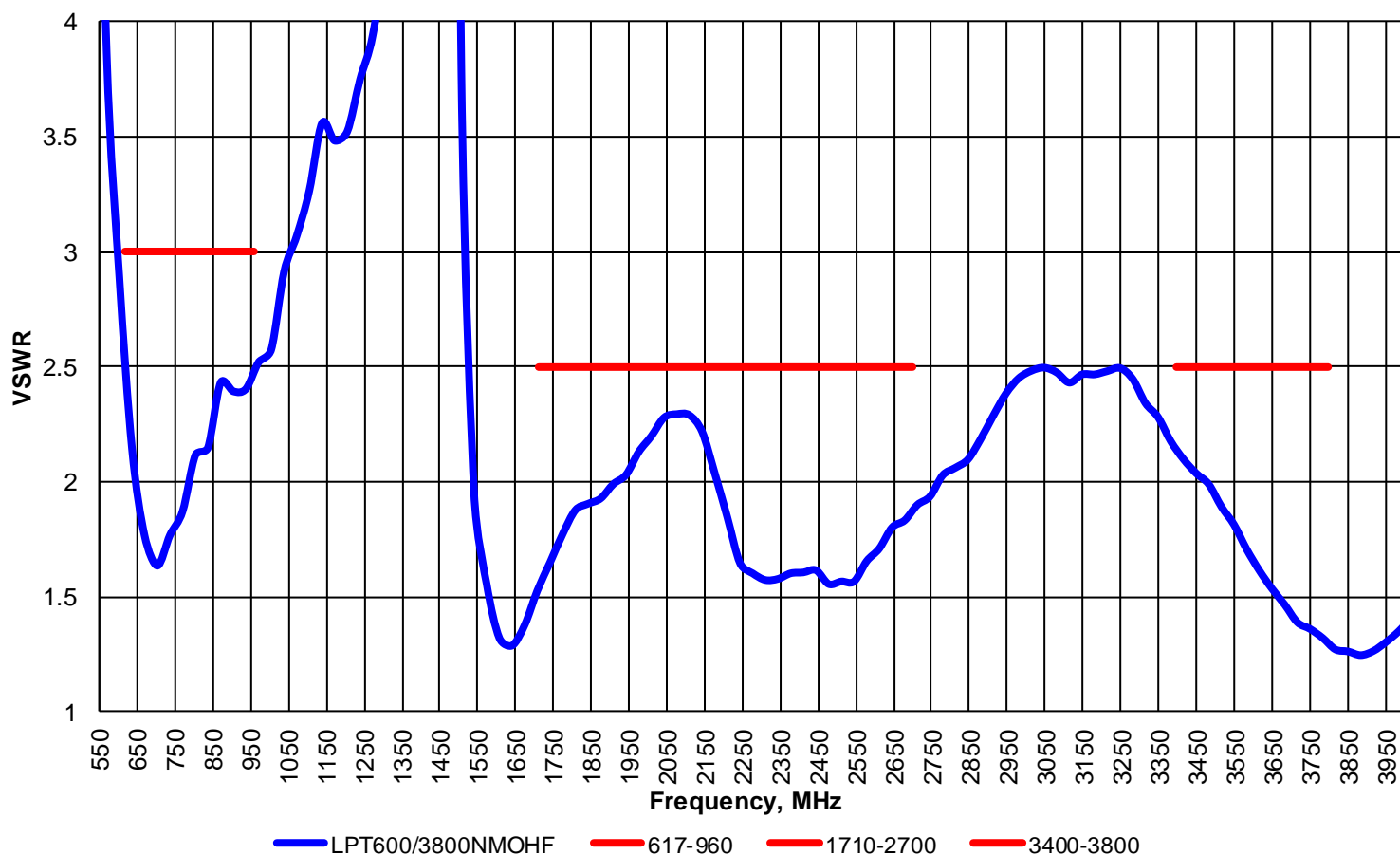
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CHARTS

VSWR vs Frequency
LPT600/3800NMOHF Measured on Ø40" GP
Measured at Pulse, USA - May 28, 2019



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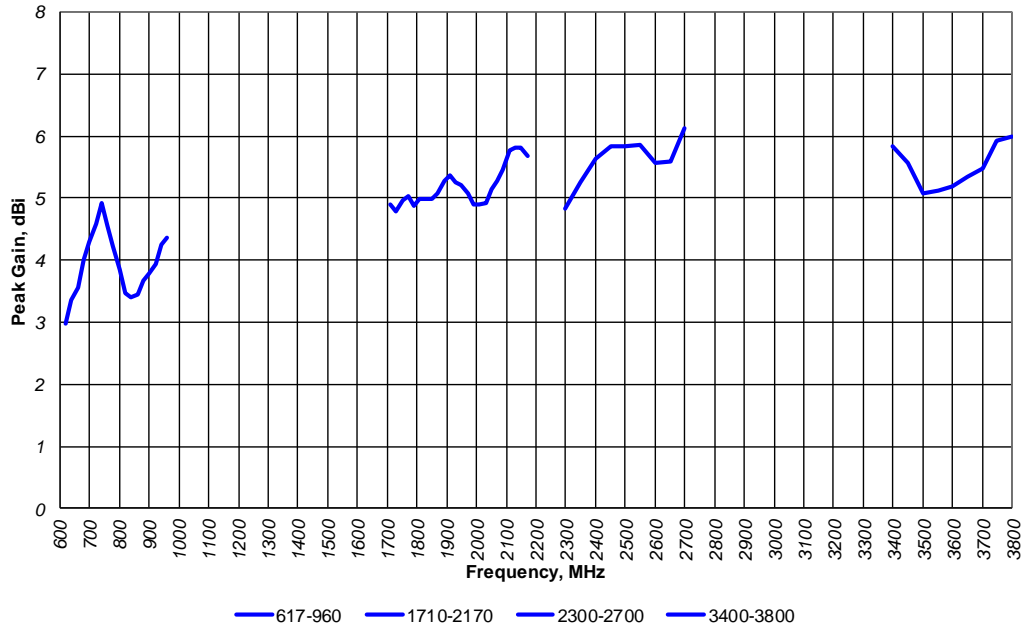
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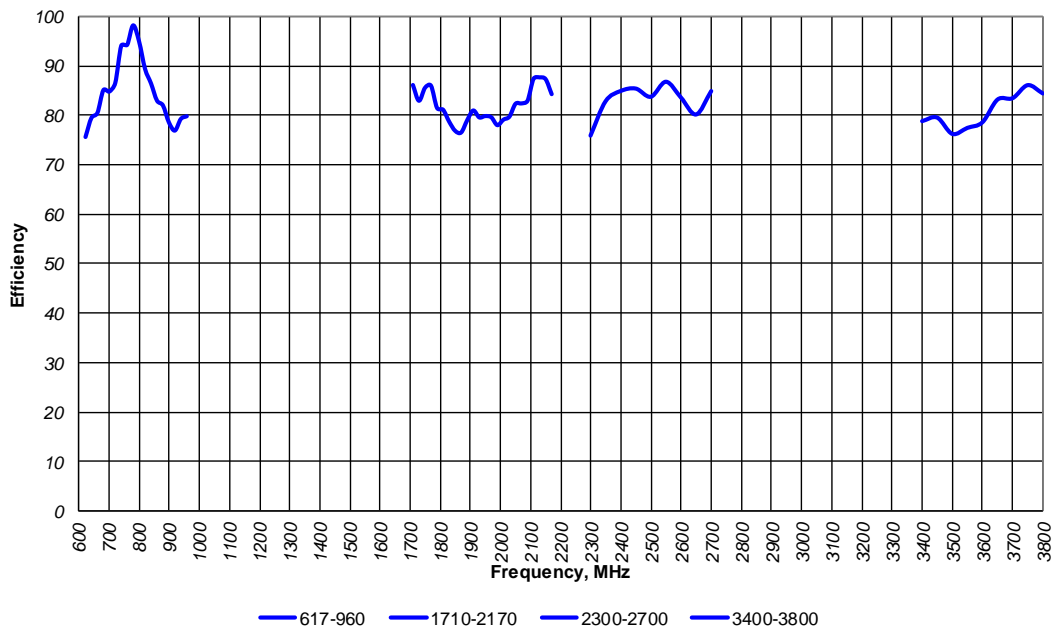
Peak Gain vs Frequency
LPT600/3800NMOHF Measured on Ø40" GP
Measured at Pulse, USA - Nov 16, 2018

Measured on Ø40"
Ground Plane
No cable



Efficiency vs Frequency
LPT600/3800NMOHF Measured on Ø40" GP
Measured at Pulse, USA - Nov 16, 2018

Measured on Ø40"
Ground Plane
No cable



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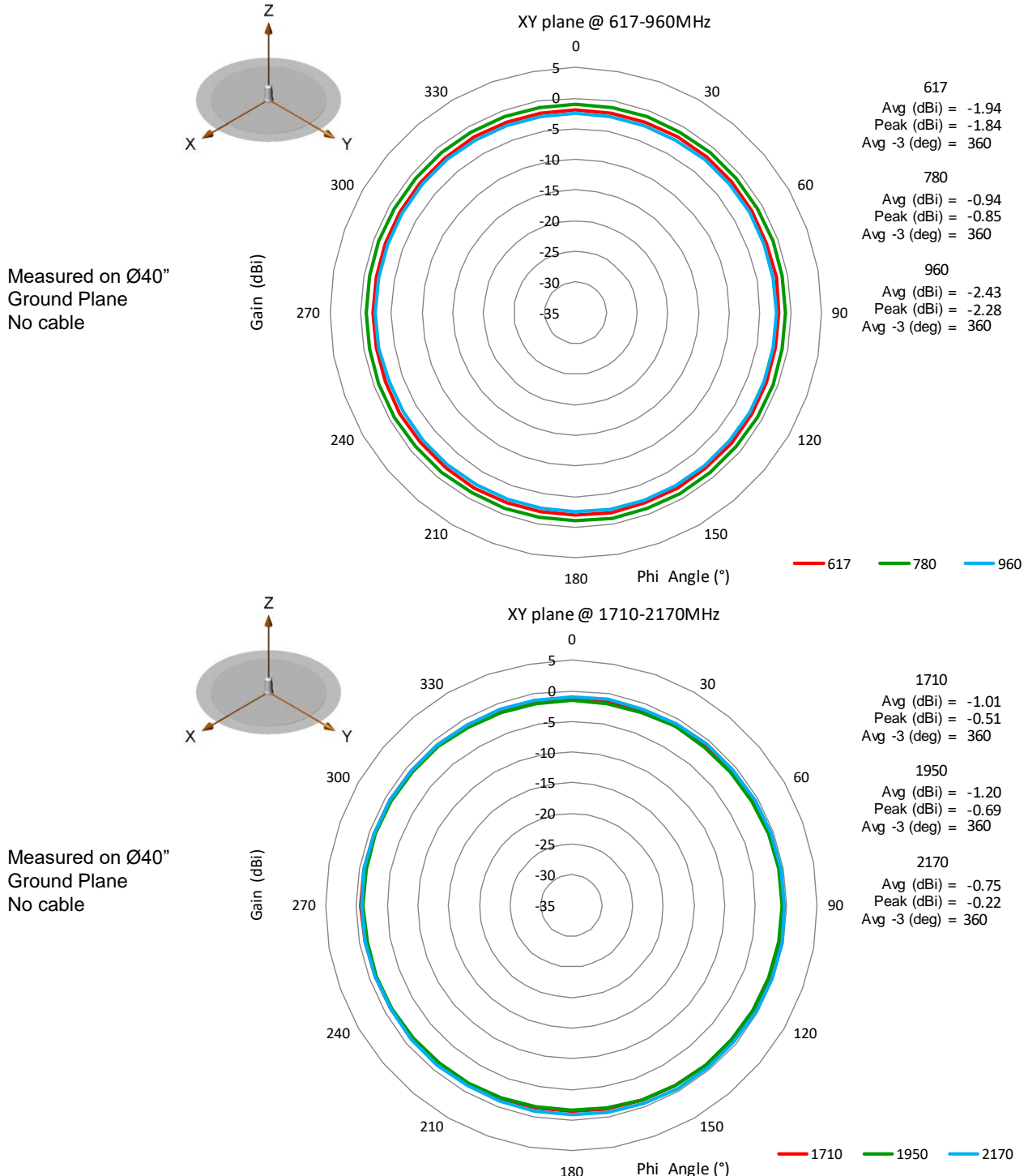
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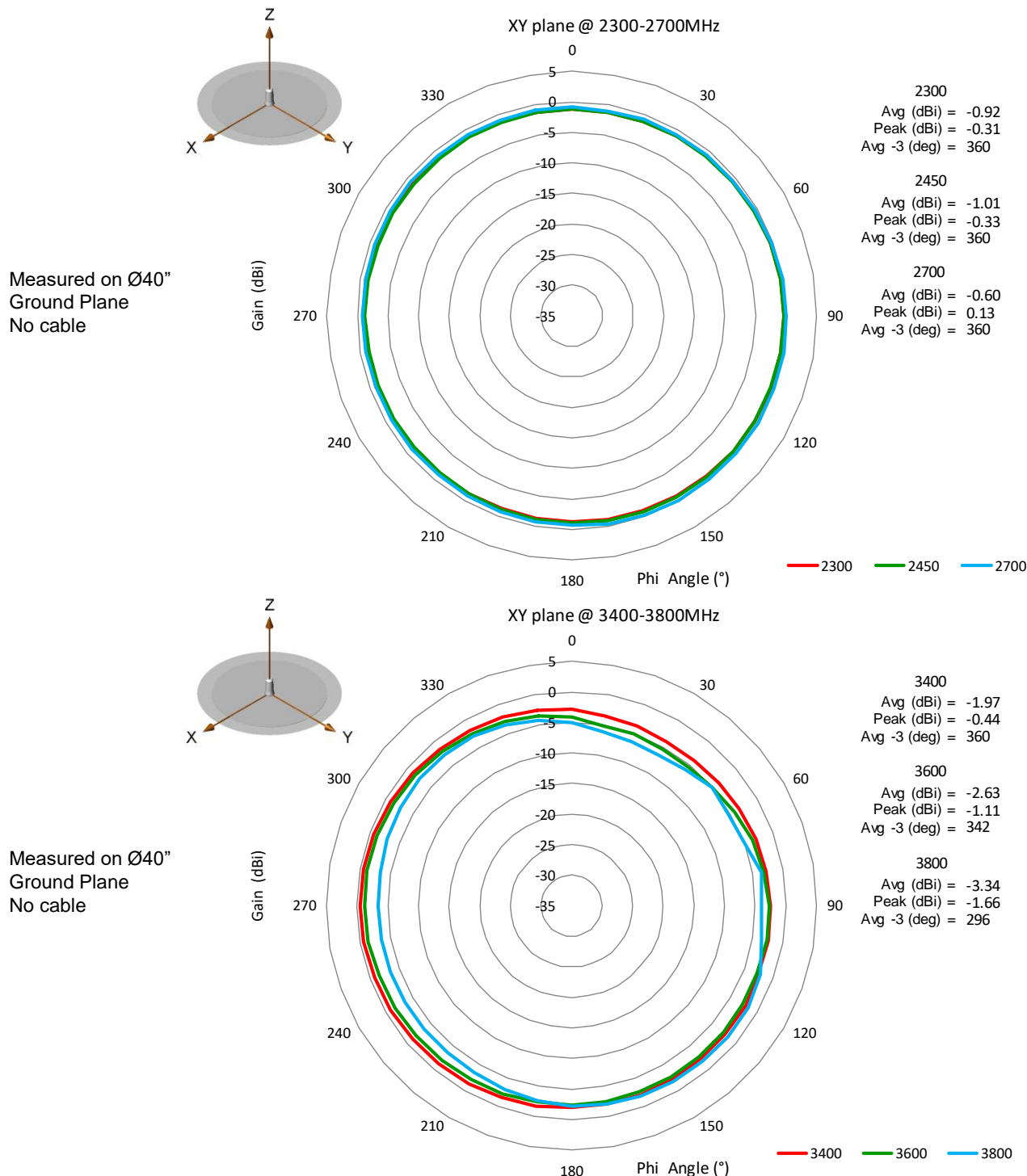
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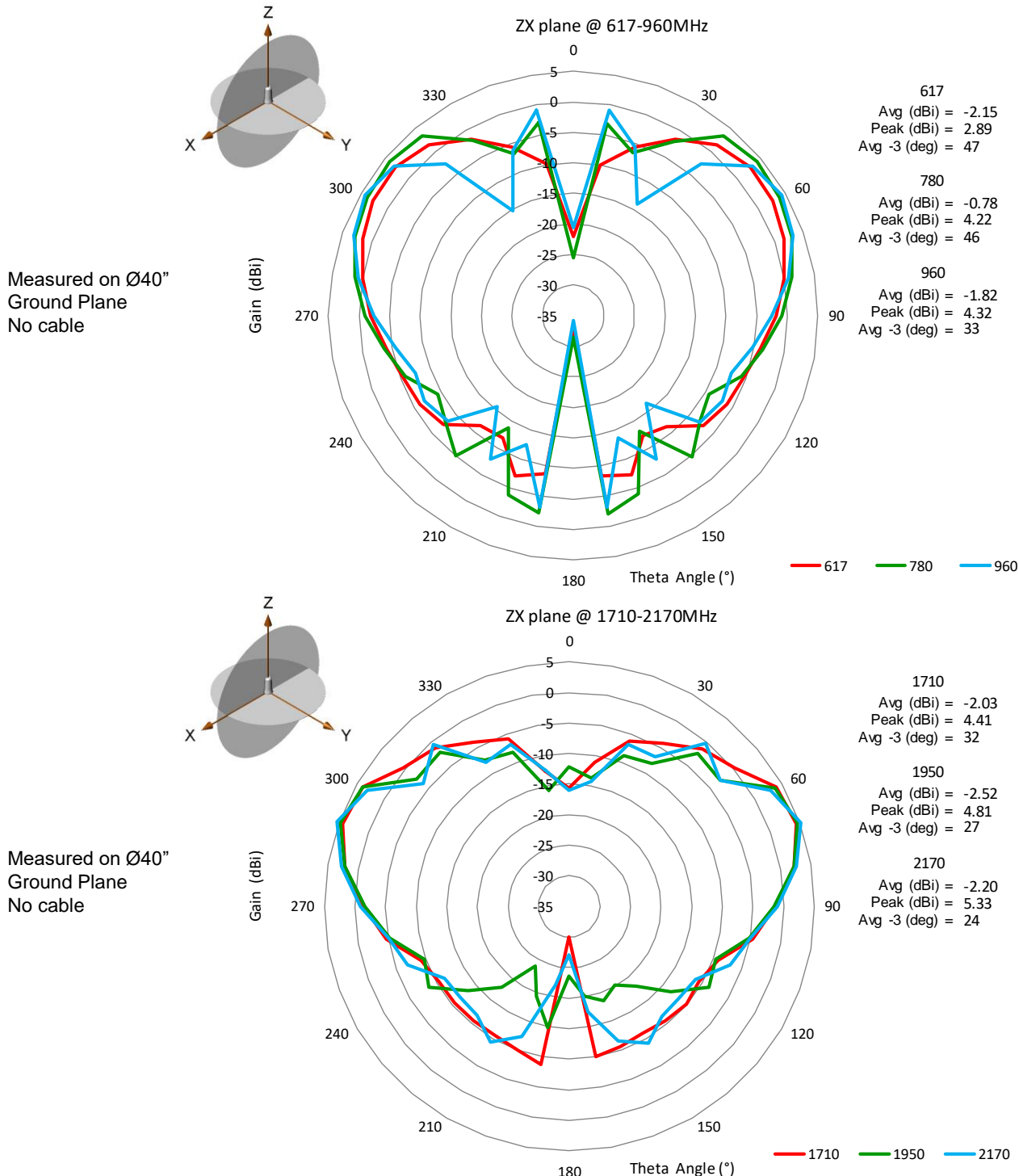
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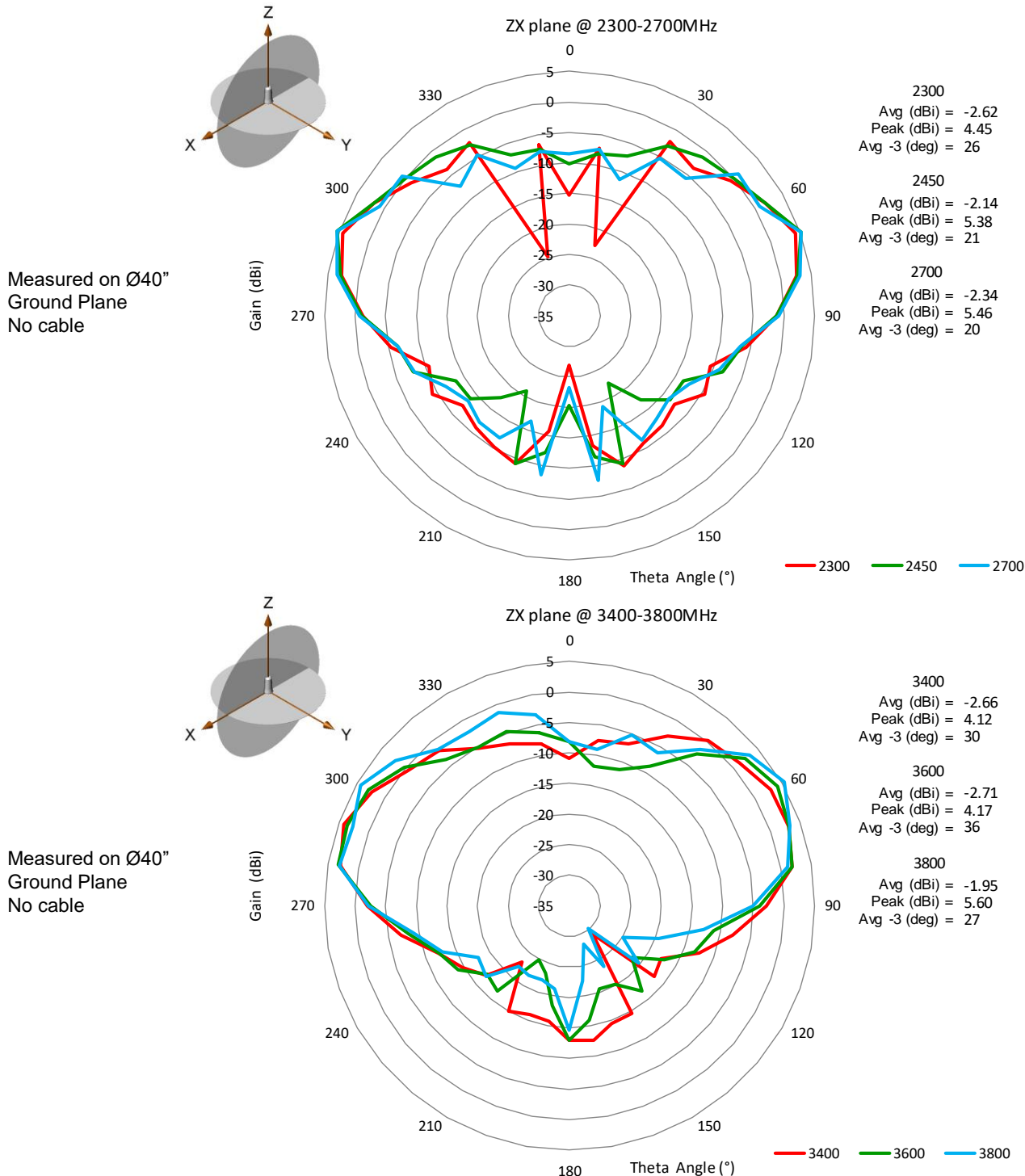
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1 antenna packed in a plastic bag

1 label on each product with part number

48pcs pre box

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Pulse:

[LPT600/3800NMOHF](#)