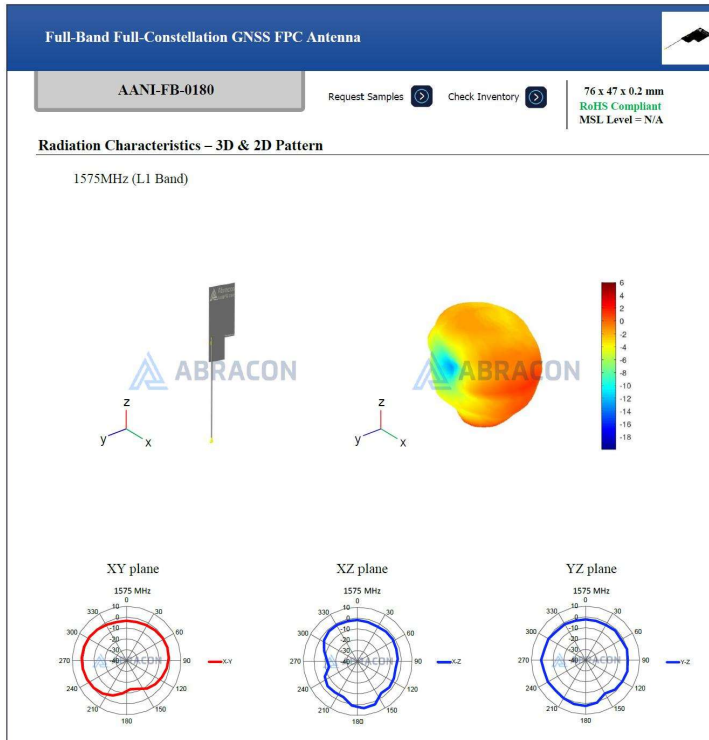


ECN/PCN No.: R0555

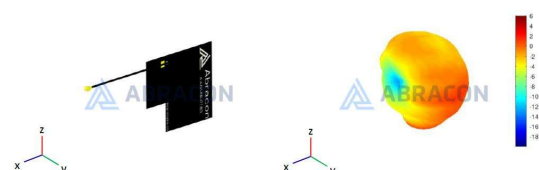
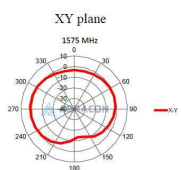
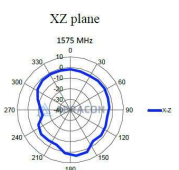
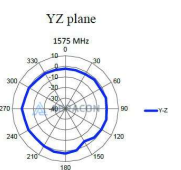
## For Manufacturer

|                                                                                |                                                           |                                                                                                                                                                                                |
|--------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description:</b><br>FULL-BAND FULLCONSTELLATION GNSS<br>FPC ANTENNA | <b>Abracon Part Number / Part Series:</b><br>AANI-FB-0180 | <input type="checkbox"/> Documentation only <input type="checkbox"/> Series<br><input checked="" type="checkbox"/> ECN <input type="checkbox"/> Part<br><input type="checkbox"/> EOL    Number |
| <b>Affected Revision:</b><br>IR                                                | <b>New Revision:</b><br>A                                 | <b>Application:</b><br><input type="checkbox"/> Safety<br><input checked="" type="checkbox"/> Non-Safety                                                                                       |

### Prior to Change:



### After Change:

| Full-Band Full-Constellation GNSS FPC Antenna                                                                                                                                                                                                                                                                          |                                                                                                                |                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <div> <div>AANI-FB-0180</div> <div>Request Samples  Check Inventory </div> <div>76 x 47 x 0.2 mm<br/>RoHS Compliant<br/>MSL Level = N/A</div> </div> |                                                                                                                |                                                                                                                |
| Radiation Characteristics – 3D & 2D Pattern                                                                                                                                                                                                                                                                            |                                                                                                                |                                                                                                                |
| 1575MHz (L1 Band)                                                                                                                                                                                                                                                                                                      |                                                                                                                |                                                                                                                |
|                                                                                                                                                                                                                                       |                                                                                                                |                                                                                                                |
|  <p>XY plane<br/>1575 MHz</p>                                                                                                                                                                                                         |  <p>XZ plane<br/>1575 MHz</p> |  <p>YZ plane<br/>1575 MHz</p> |
| Cause/Reason for Change: Updated the antenna position in 3D radiation pattern                                                                                                                                                                                                                                          |                                                                                                                |                                                                                                                |
| Change Plan                                                                                                                                                                                                                                                                                                            |                                                                                                                |                                                                                                                |
| Effective Date:<br>09/29/2026                                                                                                                                                                                                                                                                                          | Additional Remarks:                                                                                            |                                                                                                                |
| Change Declaration:                                                                                                                                                                                                                                                                                                    |                                                                                                                |                                                                                                                |
| Issued Date:<br>09/29/2026                                                                                                                                                                                                                                                                                             | Issued By:<br>Allan                                                                                            | Issued Department:<br>Engineering                                                                              |
| Approval:<br>Saravanan Subramanian<br>Engineering Director                                                                                                                                                                                                                                                             | Approval:<br>Reuben Quintanilla<br>Quality Director                                                            | Approval:<br>Ying Huang<br>Purchasing Director                                                                 |
| For Abracon EOL only                                                                                                                                                                                                                                                                                                   |                                                                                                                |                                                                                                                |
| Last Time Buy (if applicable):                                                                                                                                                                                                                                                                                         | Alternate Part Number / Part Series:                                                                           |                                                                                                                |
| Additional Approval:                                                                                                                                                                                                                                                                                                   | Additional Approval:                                                                                           | Additional Approval:                                                                                           |
| Customer Approval (If Applicable)                                                                                                                                                                                                                                                                                      |                                                                                                                |                                                                                                                |
| Qualification Status: <input type="checkbox"/> Approved <input type="checkbox"/> Not accepted<br>Note: It is considered approved if there is no feedback from the customer 1 month after ECN/PCN is released.                                                                                                          |                                                                                                                |                                                                                                                |
| Customer Part Number:                                                                                                                                                                                                                                                                                                  | Customer Project:                                                                                              |                                                                                                                |
| Company Name:                                                                                                                                                                                                                                                                                                          | Company Representative:                                                                                        | Representative Signature:                                                                                      |
| Customer Remarks:                                                                                                                                                                                                                                                                                                      |                                                                                                                |                                                                                                                |