

ECN/PCN No.: 3449

For Manufacturer

Product Description: GPS/Beidou/Glonass/Galileo/QZSS External Antenna		Abracon Part Number / Part Series: AEAGMK148060-S1575	<input checked="" type="checkbox"/> Series <input type="checkbox"/> Part Number
Affected Revision: A	New Revision: B	Application	<input type="checkbox"/> Safety <input checked="" type="checkbox"/> Non-Safety

Prior to Change:

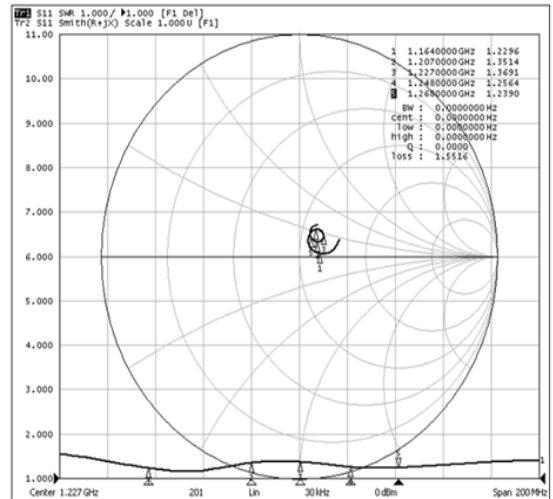
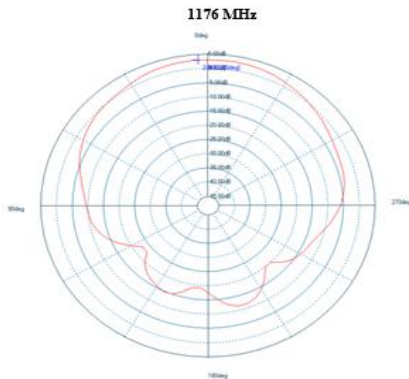
- N/A

After Change:

- Gain and Axial Ratio values for specific frequencies
- Radiation patterns for specific frequencies from table
- Added return loss characteristic for 1.227 GHZ

4.0 Radiation Patterns

Frequency, MHz	Gain, dBic	Axial Ratio
1176	2.3	1.0
1207	3.5	1.6
1227	3.5	1.8
1246	2.5	1.6
1268	1.5	1.0
1561	4.0	0.7
1575	4.5	0.8
1602	4.4	0.7



Cause/Reason for Change:
Radiation patterns/gain & axial ratio values for specific frequencies, return loss characteristic addition

Engineering/Process Change Notice

Change Plan	Effective Date: 08/05/2019	Additional Remarks: N/A	
Change Declaration: Added Radiation Pattern images for specific frequencies along with gain and axial ratio values for the specified frequencies, added return loss characteristic for 1.227 GHZ			
Issued Date: 7/30/2019	Issued By: Daniel Montoya		Issued Department: Engineering
Approval: Syed Raza Engineering VP	Approval: Reuben Quintanilla Quality Manager		Approval: Ying Huang Purchasing Director
For Abracon EOL only			
Last Time Buy (if applicable): N/A		Alternate Part Number / Part Series: N/A	
Additional Approval: N/A	Additional Approval: N/A		Additional Approval: N/A
Customer Approval (If Applicable)			
Qualification Status: <input type="checkbox"/> Approved <input type="checkbox"/> Not accepted Note: It is considered approved if there is no feedback from customer 1 month after ECN/PCN is released			
Customer Part Number:		Customer Project:	
Company Name:	Company Representative:		Representative Signature:
Customer Remarks:			