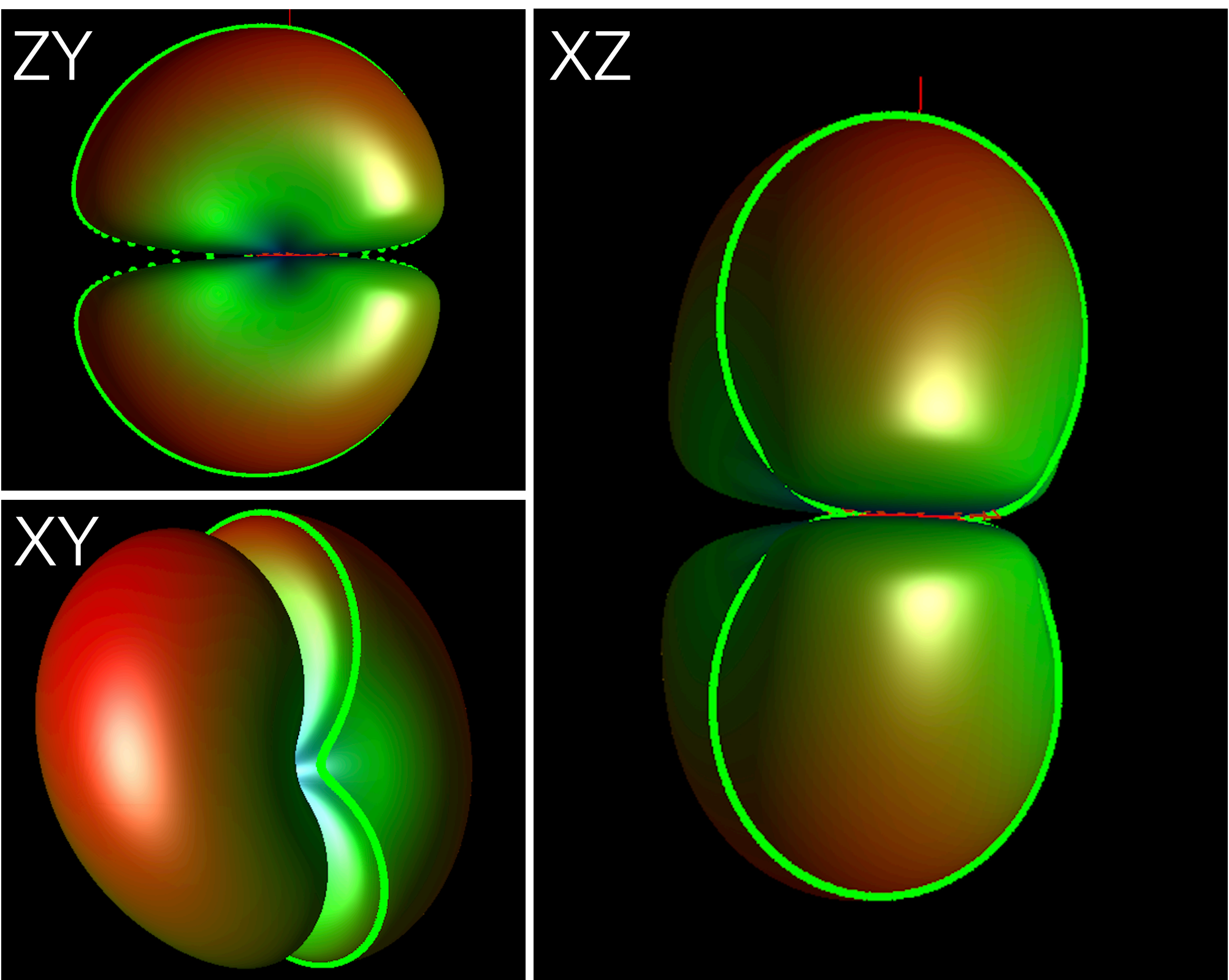


Technical Specification Summary

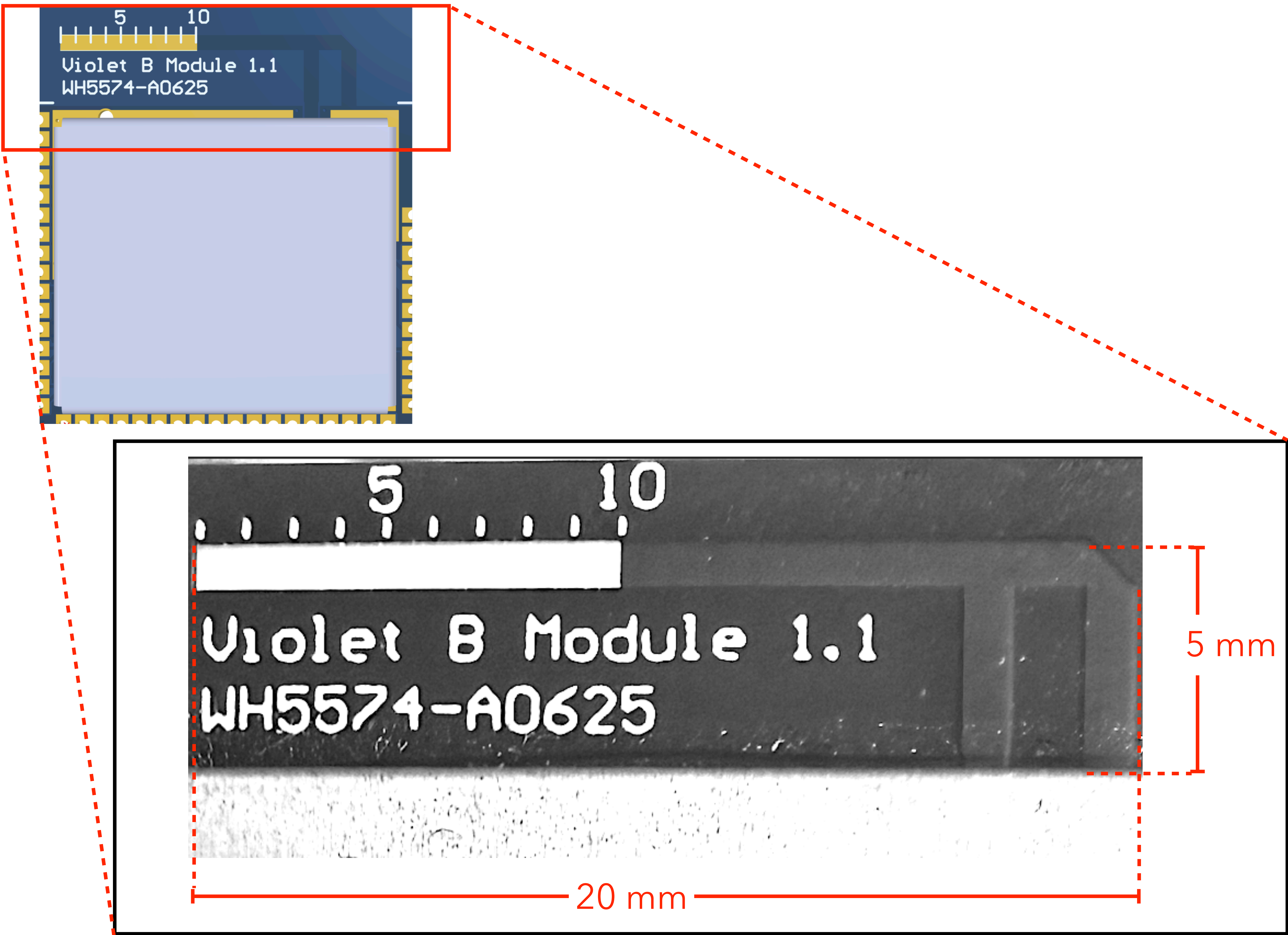
Antenna Version	A-2
Type	Inverted F Antenna
Targeted Frequencies	2.4-2.5GHz
Predicted Peak Directivity	2.62 dBi
Predicted Peak Gain	2.11 dBi
Efficiency	71%

Gain Pattern



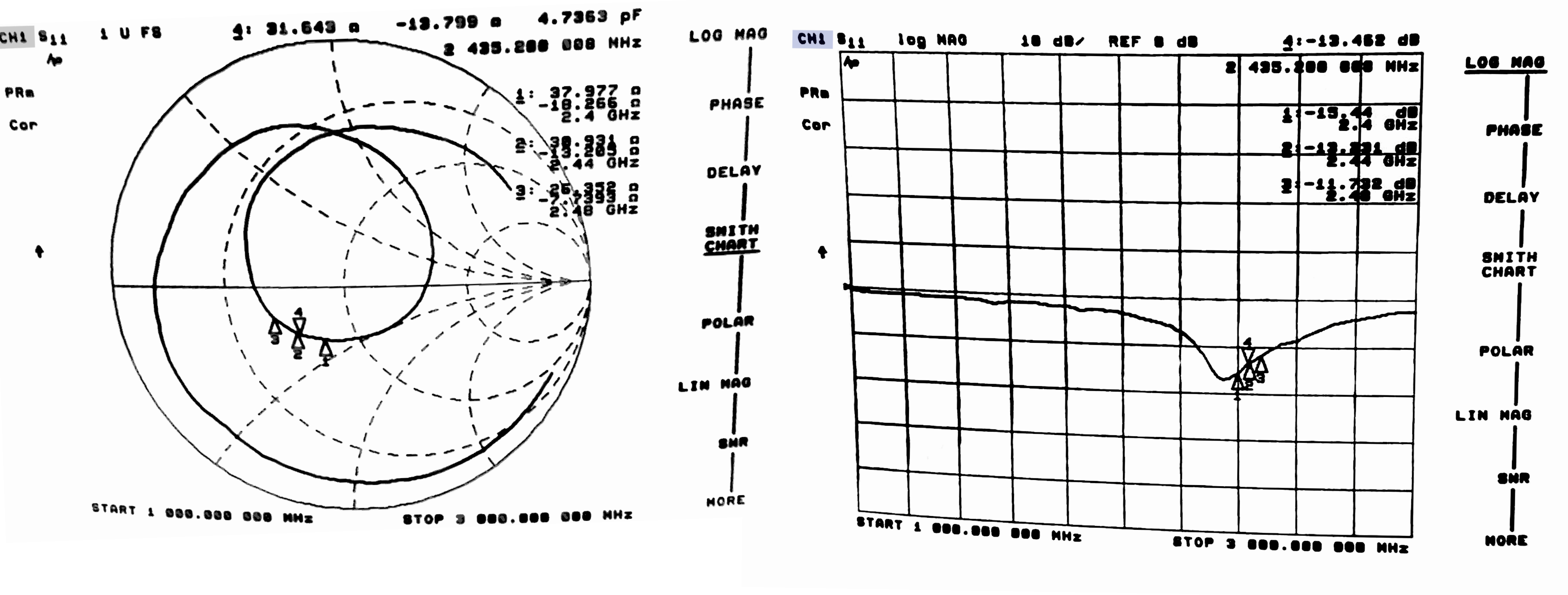
Notes:

- 1. XY plane slice is not accurately depicted. The plane slice is actually a conical slice 15° off the XY plane
- 2. Measurements are in the absolute scale of the E-field



AN5527-A0625 VIOLET MODEL A-2 ANTENNA DATA SHEET

S11 and Return Loss



PCB Layer Breakdown

Top Silk Print
Top Solder Mask
Top Copper Route (1 oz)
FR-4
Bottom Copper Route (1 oz)
Bottom Solder Mask
Bottom Silk Print

1.6 mm

Boards Shall conform to IPC-6012, Class 2
RoHS Compliant
2-Layer
SMOBC
Lead free HASL