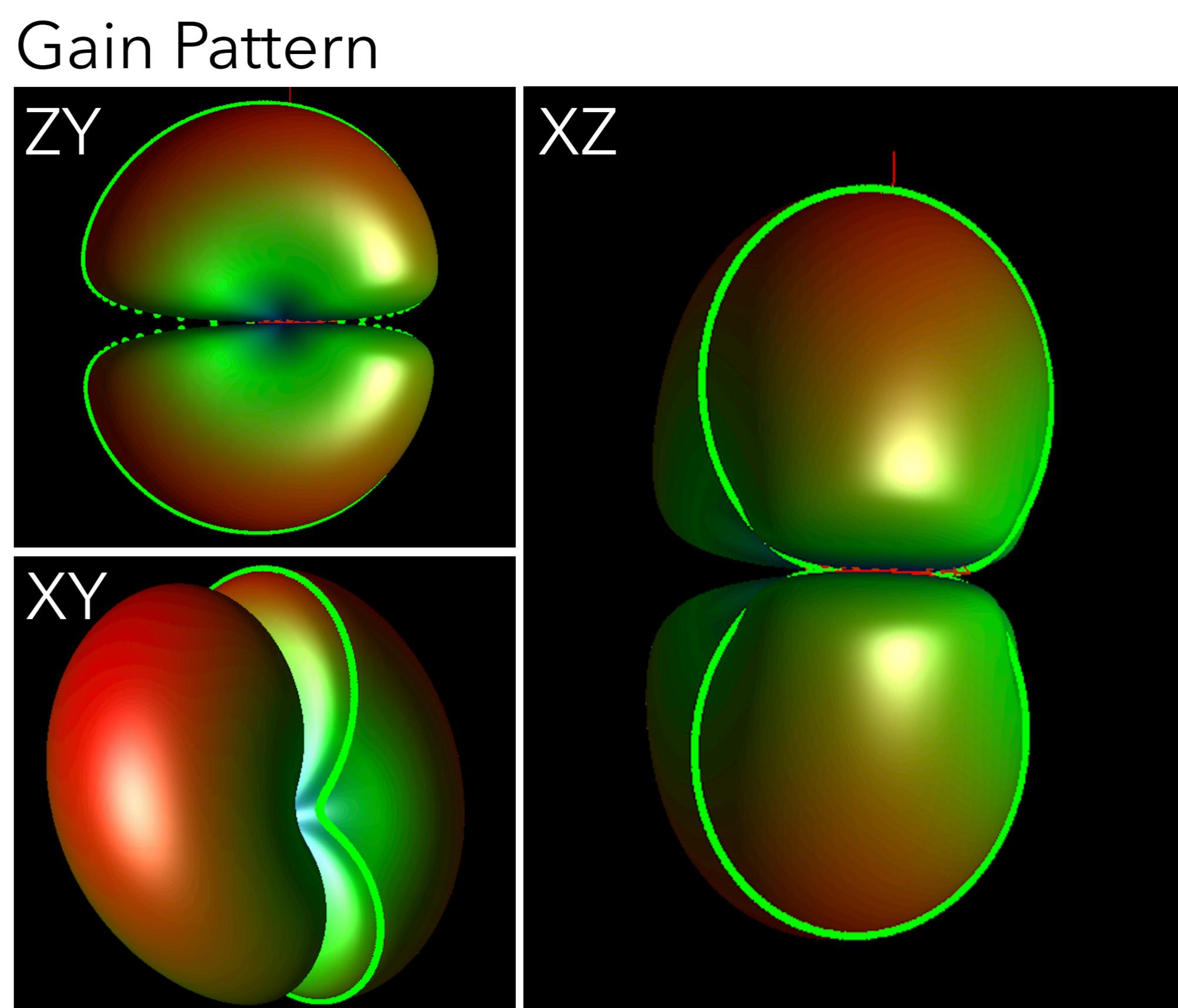


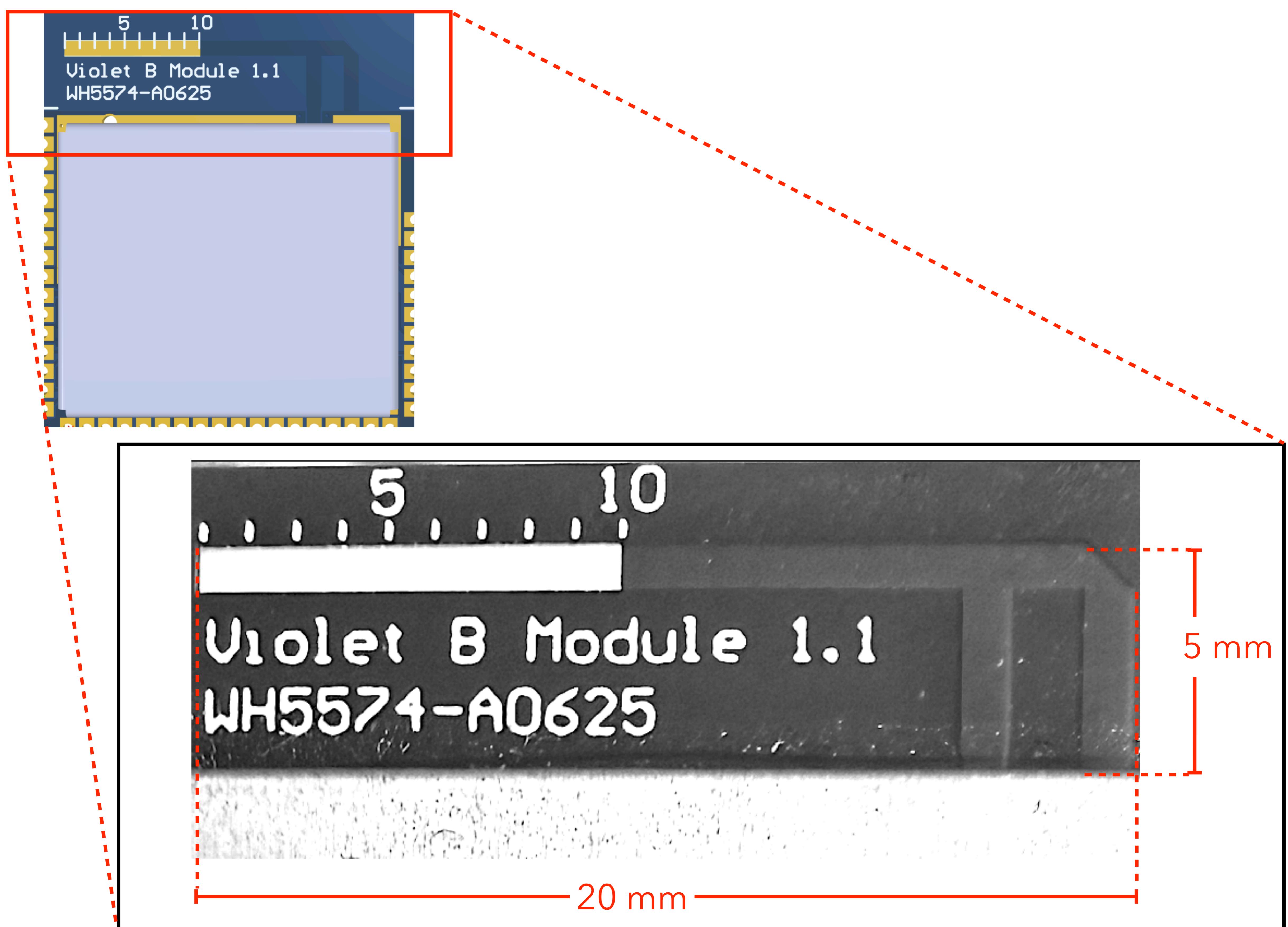
Technical Specification Summary

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%



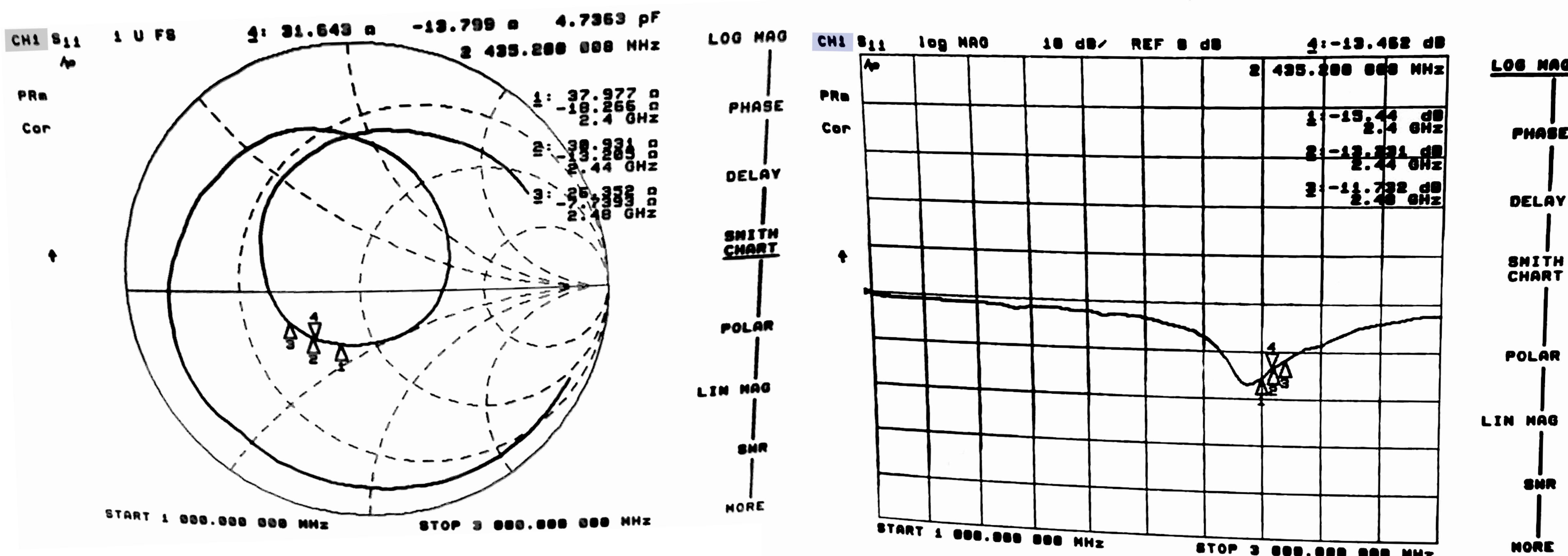
Notes:

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	1.6 mm
Bottom Copper Route (1 oz)	
Bottom Solder Mask	
Bottom Silk Print	

Boards Shall conform to IPC-6012, Class 2

RoHS Compliant

2-Layer

SMOBC

Lead free HASL