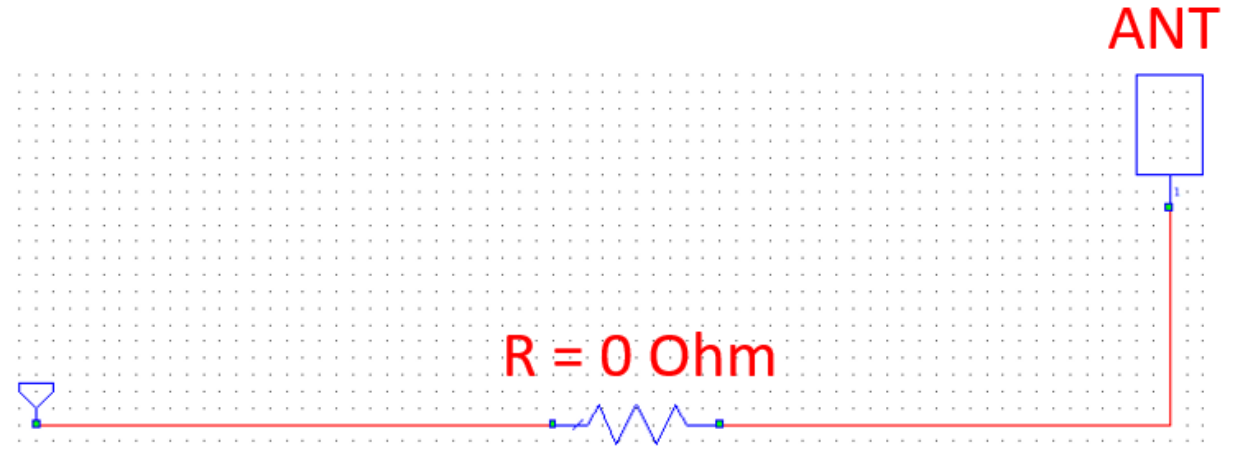
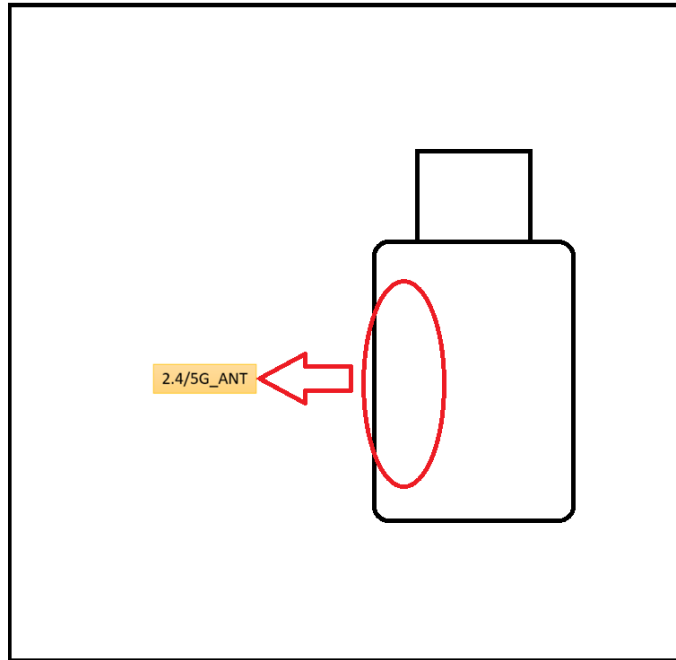


Antenna Test Report_AX9B_DVT

2025/01/17

Antenna Overview



Antenna Manufacturer: PYRAS TECHNOLOGY INC.

Address: 1F., No.396, Fude 1st Rd., Xizhi Dist., New Taipei City 221, Taiwan

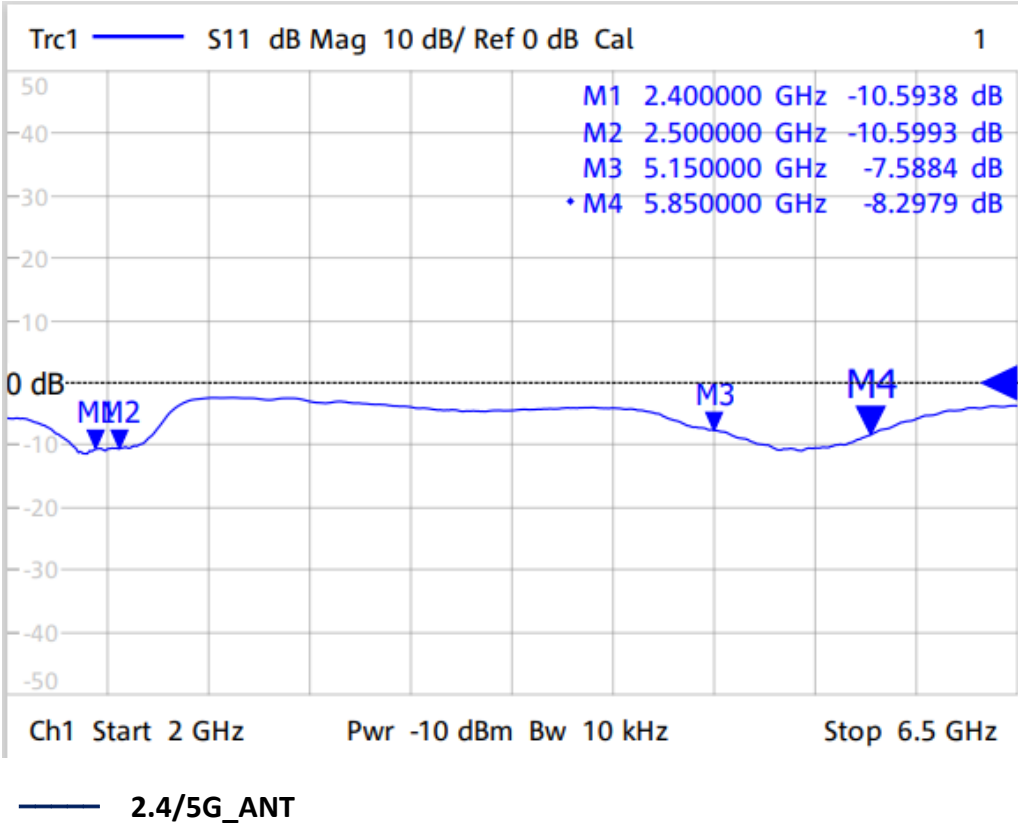
Antenna Brand: PYRAS

Antenna Model: 2.4/5G_ANT

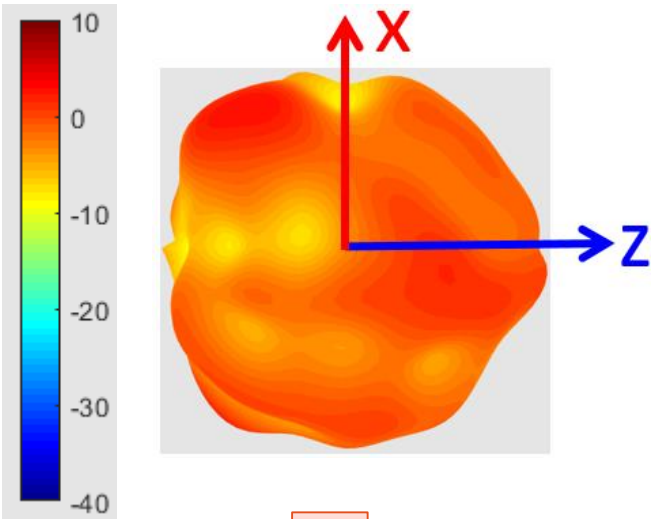
Antenna P/N: PYAMWJP10012

Antenna Type: Metal Antenna

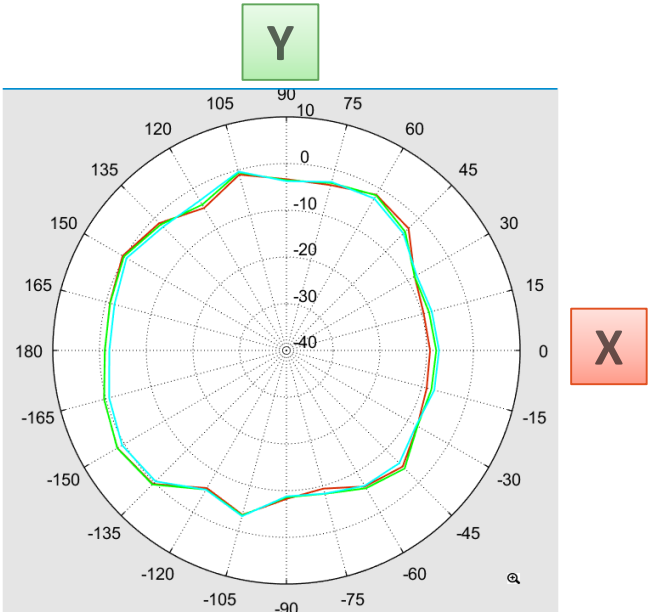
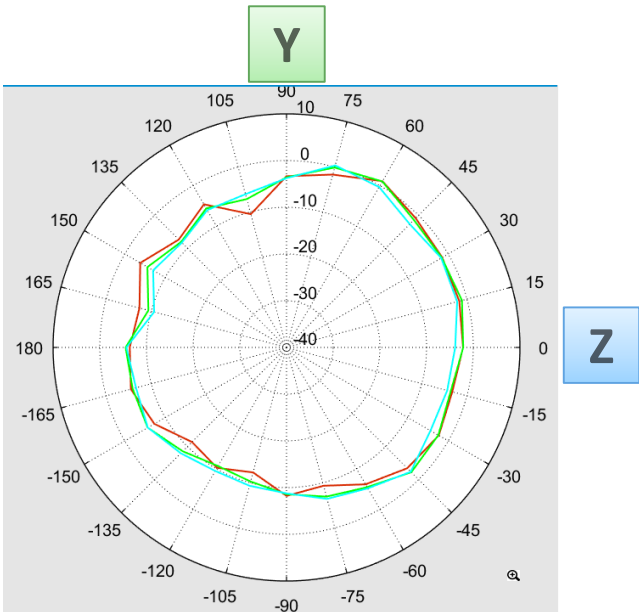
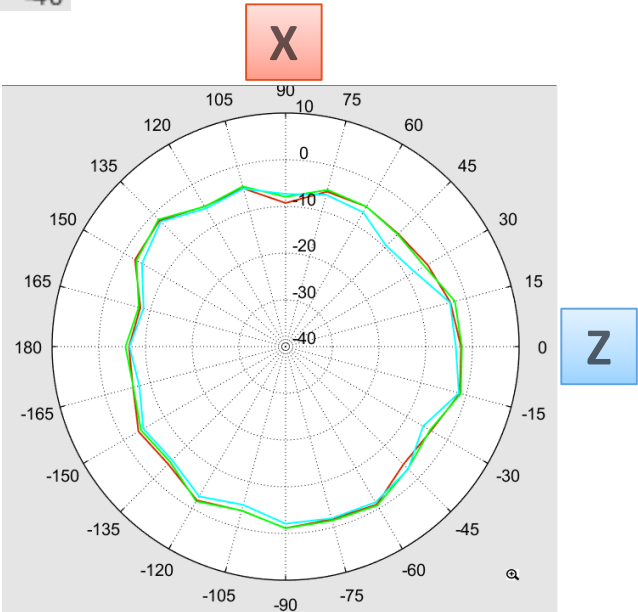
Antenna Return Loss



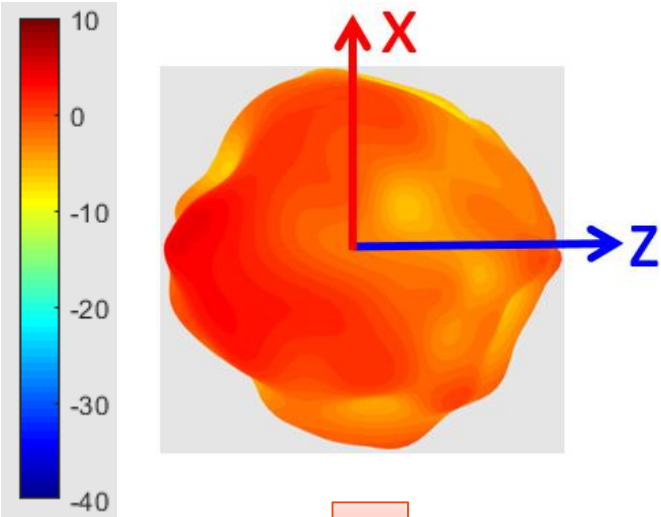
2.4/5G_ANT GainTotal (dBi) Pattern @ 2.4G



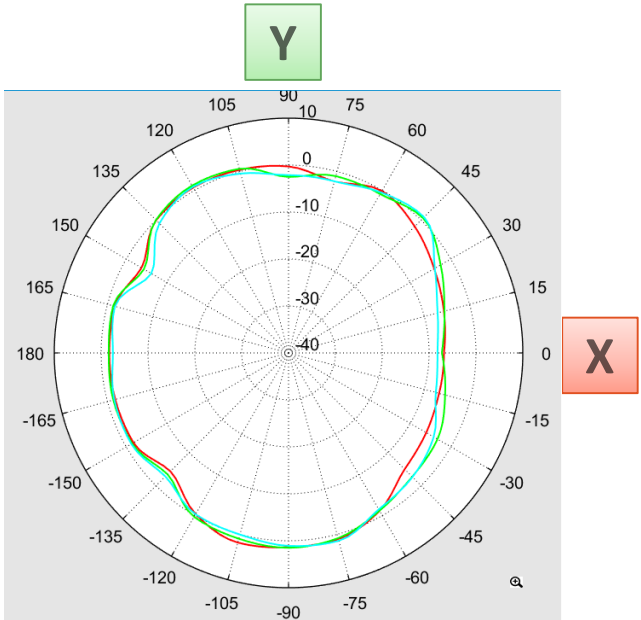
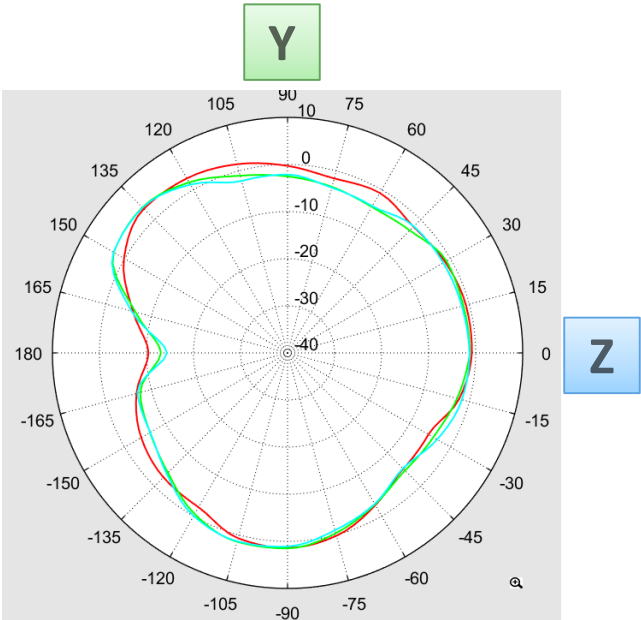
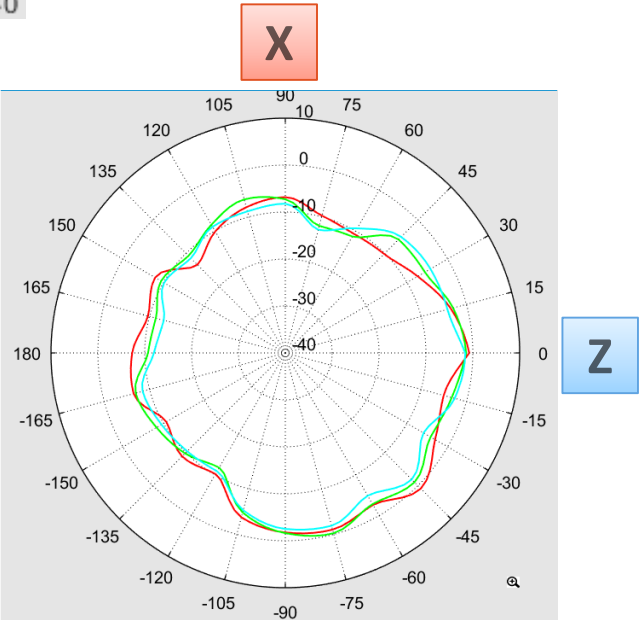
- 2400 MHz — red line
- 2450 MHz — blue line
- 2500 MHz — green line



2.4/5G_ANT GainTotal (dBi) Pattern @ 5G



5100 MHz ———
5500 MHz ———
5900 MHz ———



Antenna Efficiency & Peak Gain

2.4/5G Antenna Efficiency (%) @ 2.4G			
Frequency (MHz)	2400	2450	2500
2.4/5G_ANT	53.3	56.3	53.6

2.4/5G Antenna Efficiency (%) @ 5G			
Frequency (MHz)	5100	5500	5900
2.4/5G_ANT	53.2	57.1	54.1

2.4/5G Antenna Peak Gain (dBi) @ 2.4G			
Frequency (MHz)	2400	2450	2500
2.4/5G_ANT	3.0	3.5	3.1

2.4/5G Antenna Peak Gain (dBi) @ 5G			
Frequency (MHz)	5100	5500	5900
2.4/5G_ANT	3.1	3.8	3.3