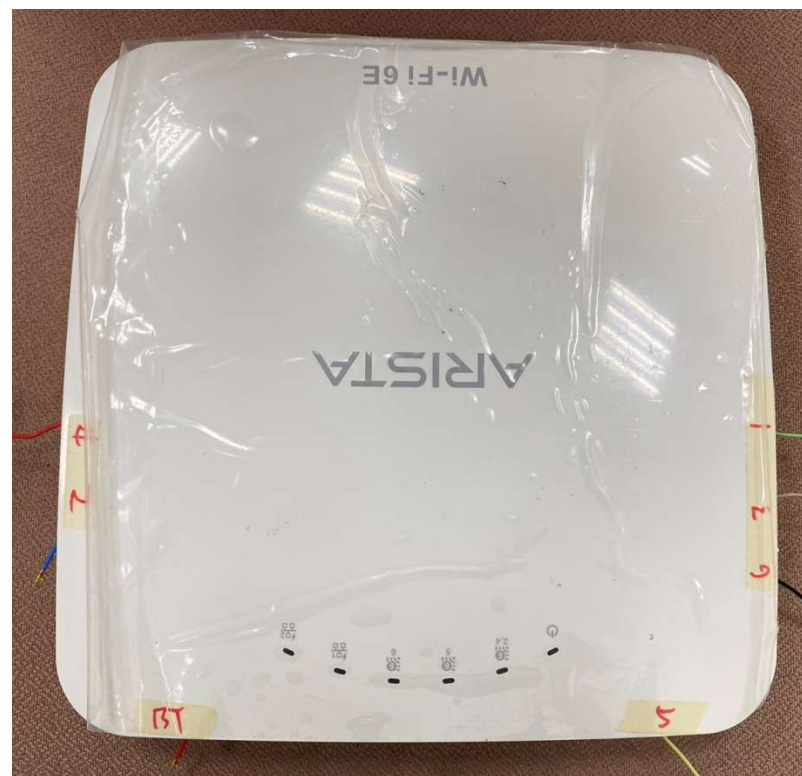
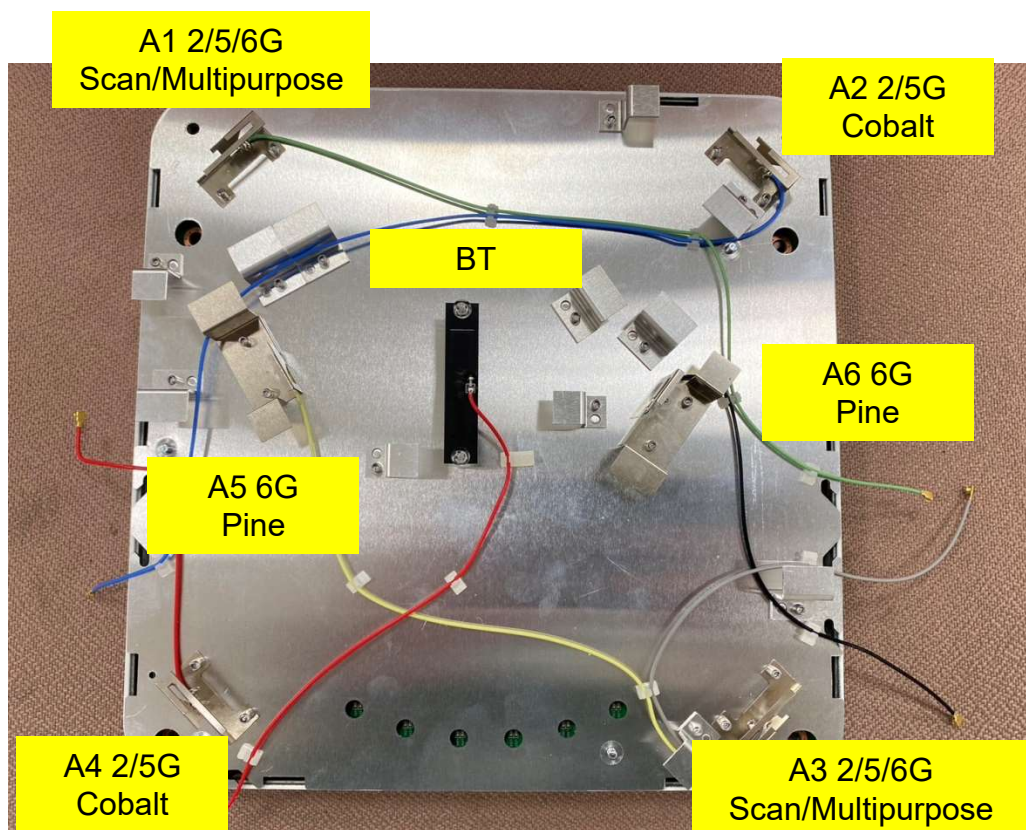




C330 DVT Antenna Test Report



Antenna Location



Manufacturer: Whayu

Antenna Model number:

Ant1 ~Ant6:

- C393-510223-A for AP-C330

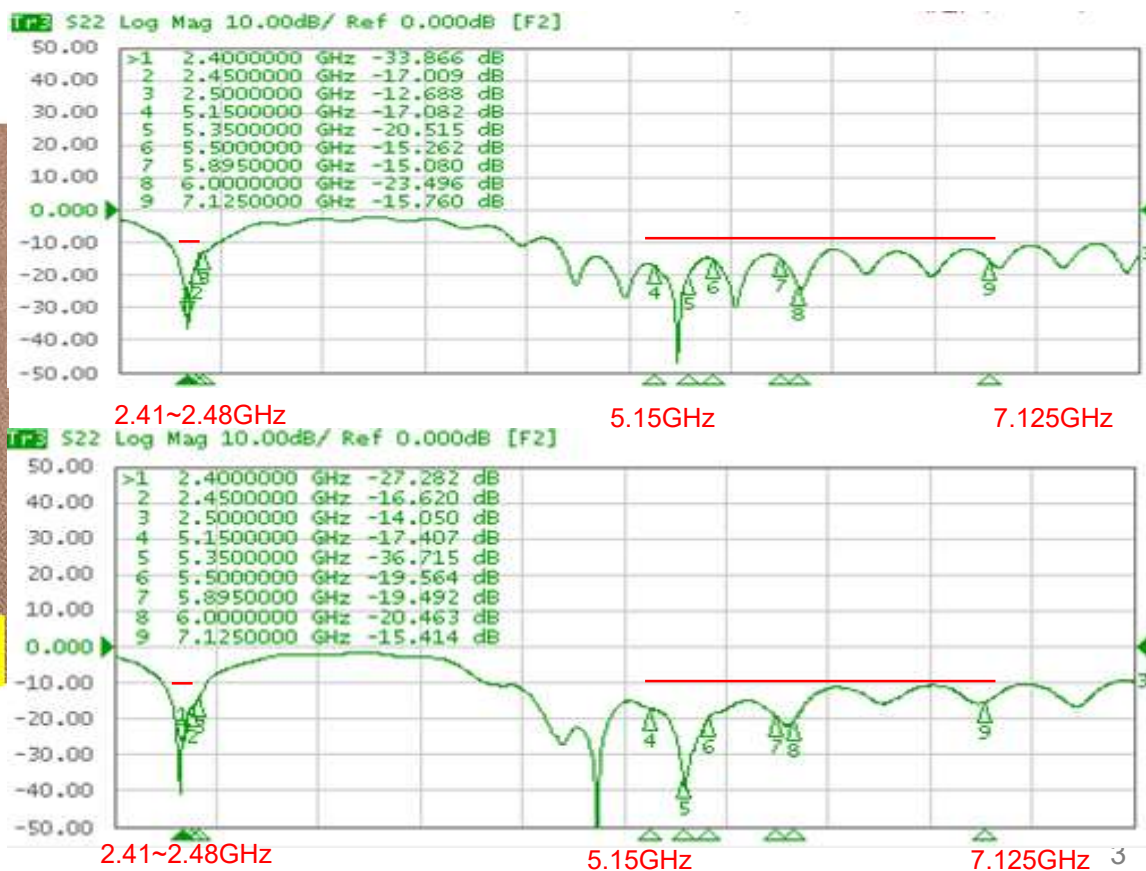
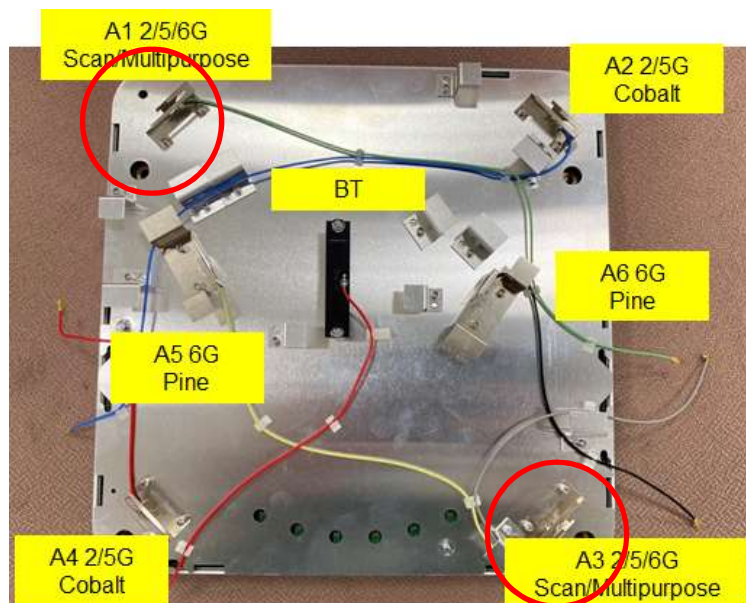
BT Ant7:

- C393-510224-A for AP-C330E
- C393-510223-A for AP-C330

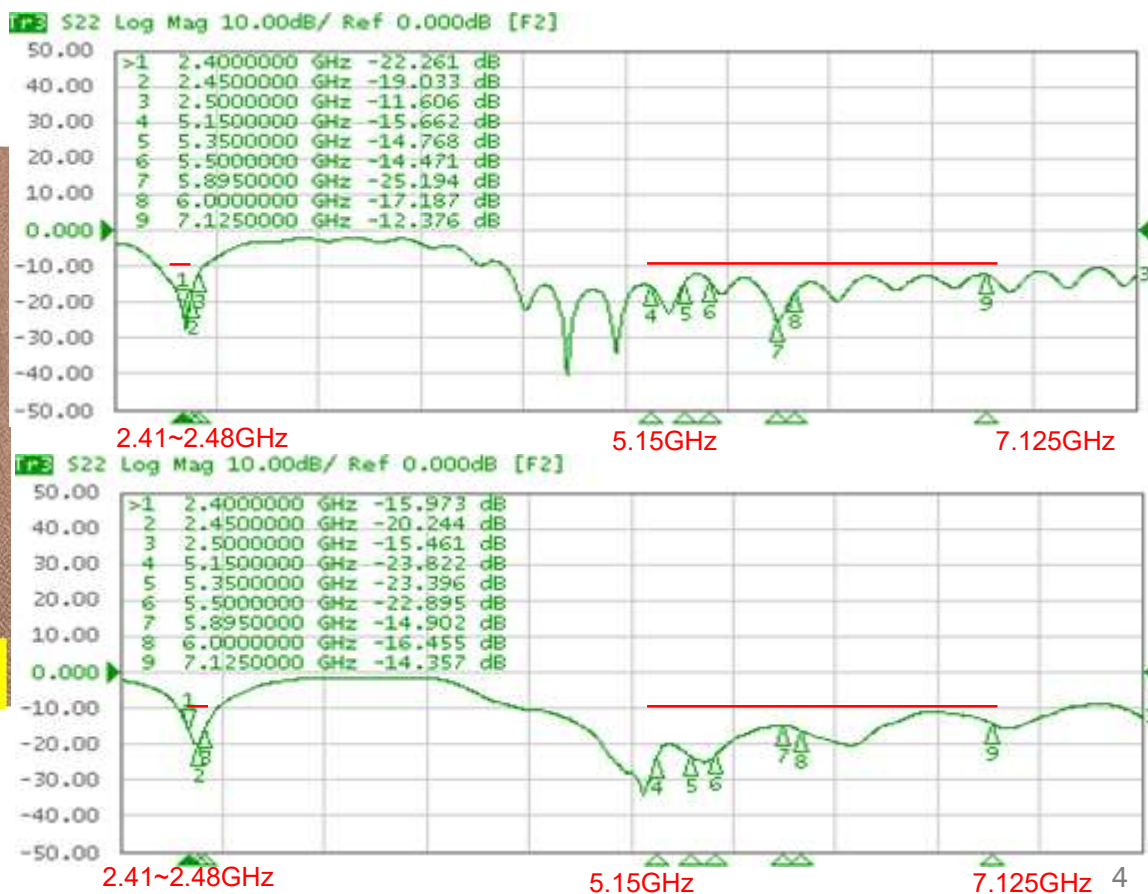
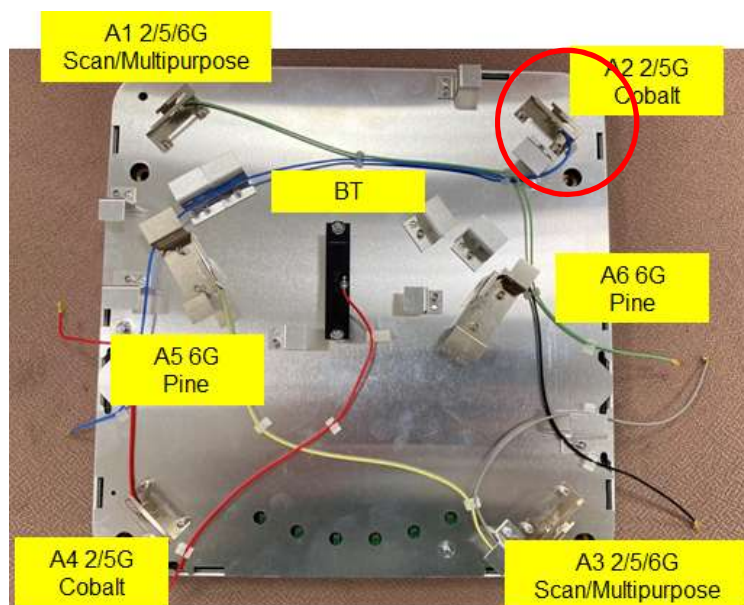
Manufacturer address:

No.326, Sec.2 Gongdao 5th Rd., East Dist.,
Hsinchu City 300042, Taiwan.(R.O.C.)

Antenna Return Loss _ Ant1&3

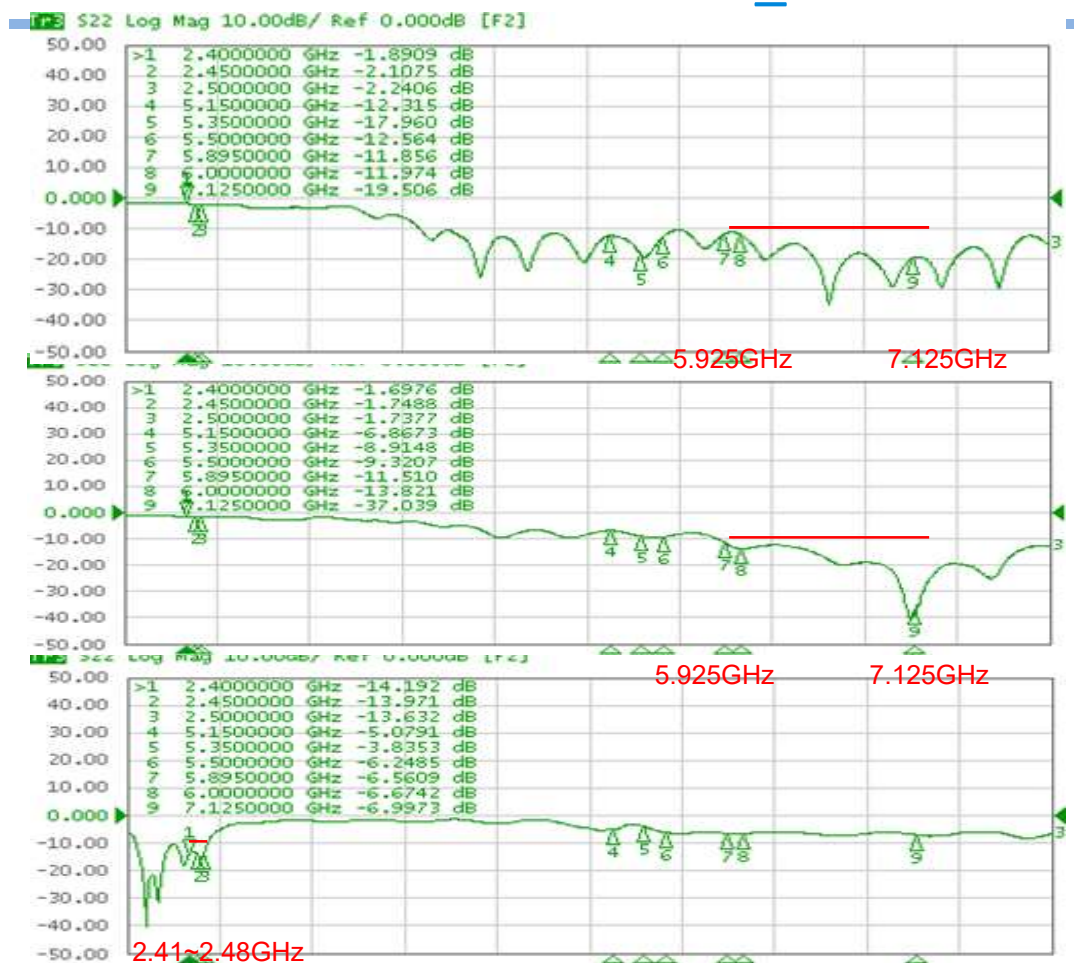
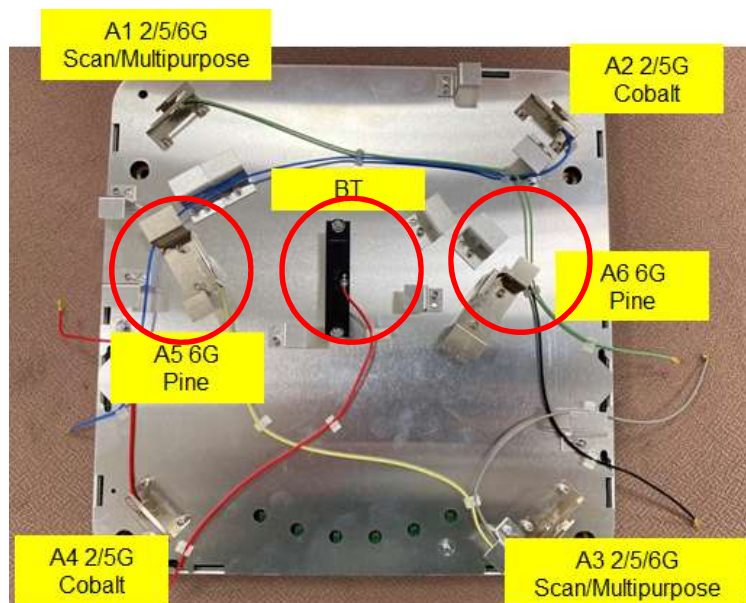


Antenna Return Loss _ Ant2&4



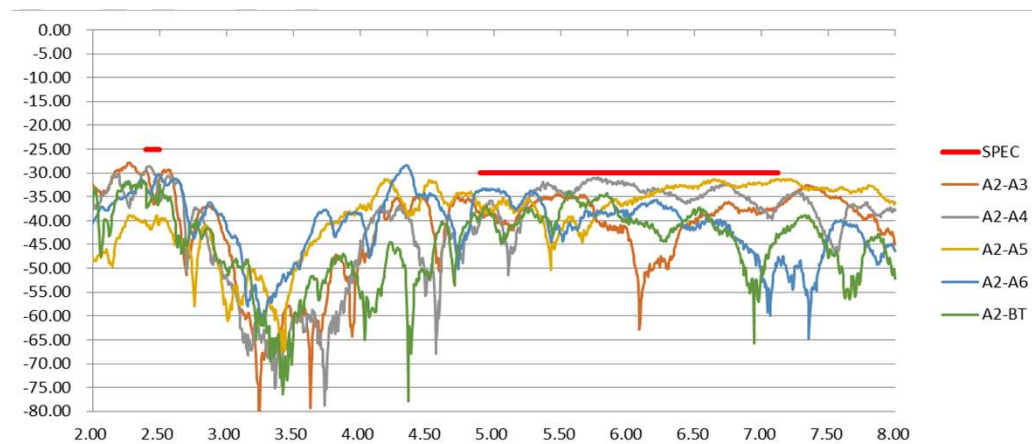
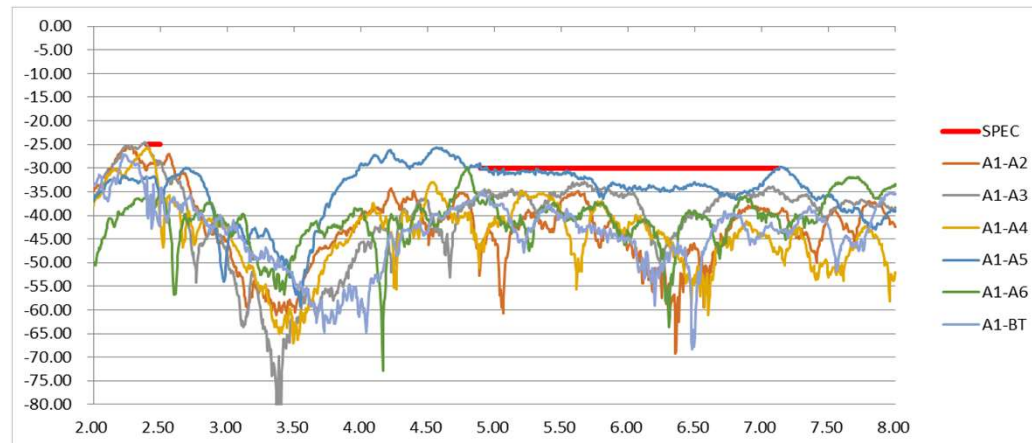
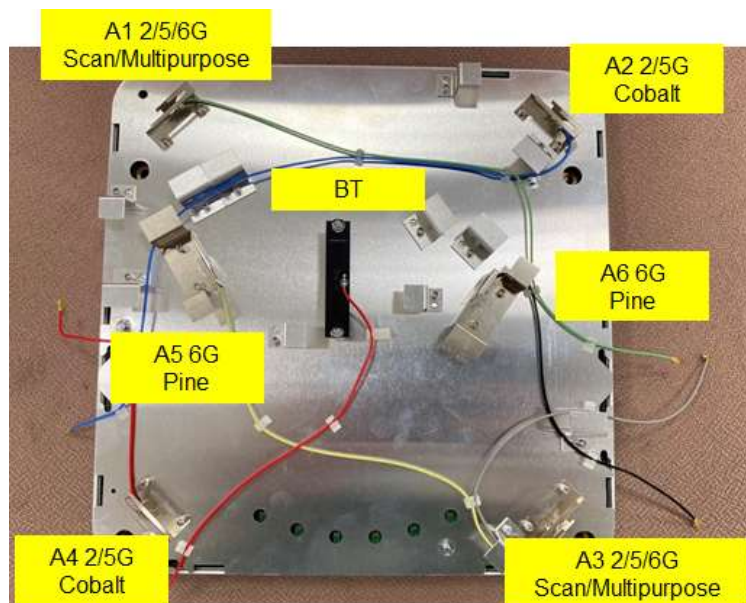


Antenna Return Loss _ Ant5&6&7

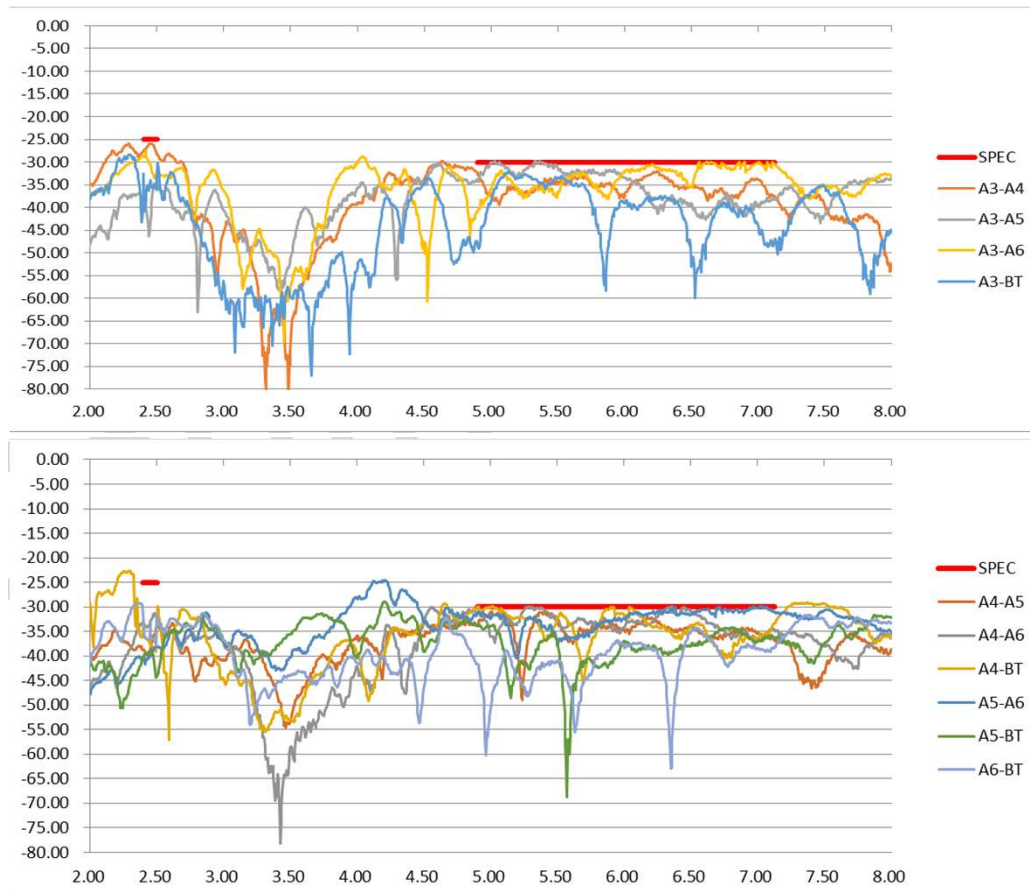
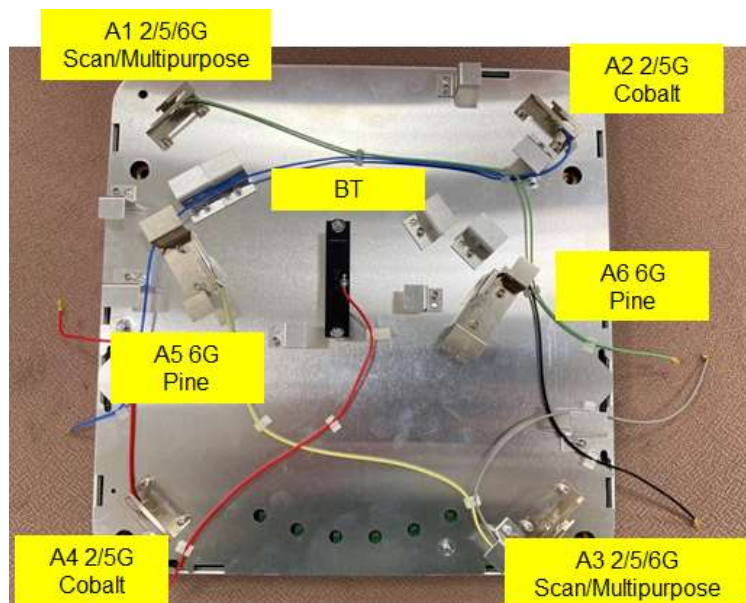




Antenna Isolation(1/2)

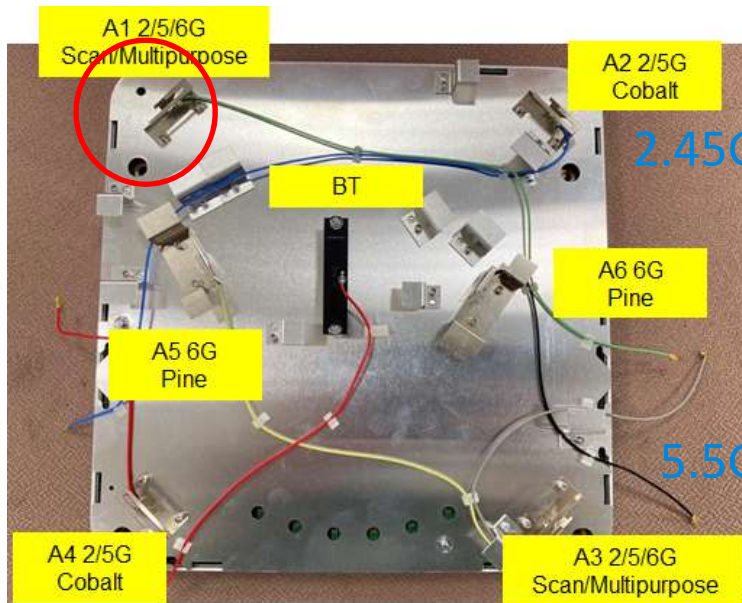


Antenna Isolation(2/2)





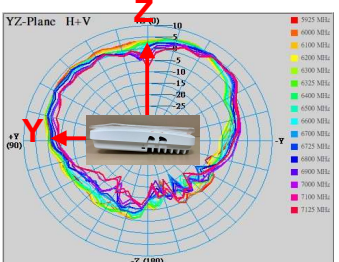
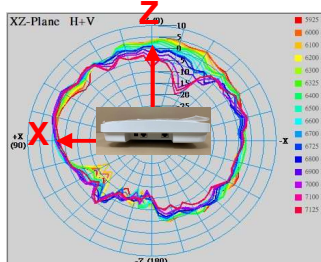
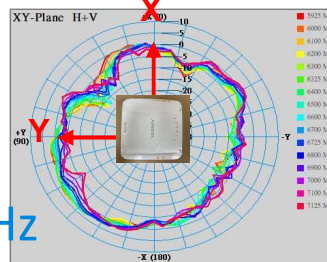
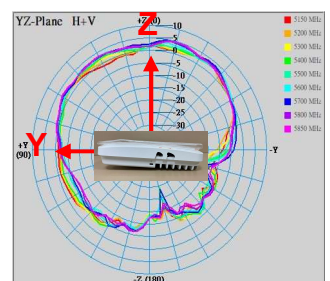
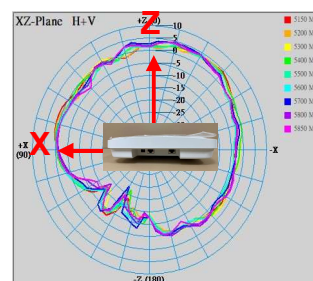
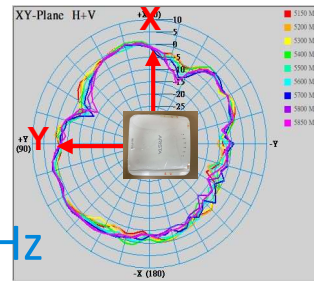
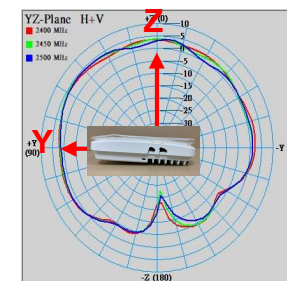
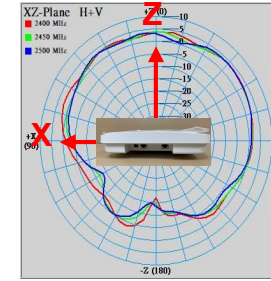
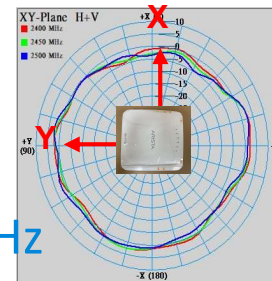
2D Radiation Pattern Ant 1

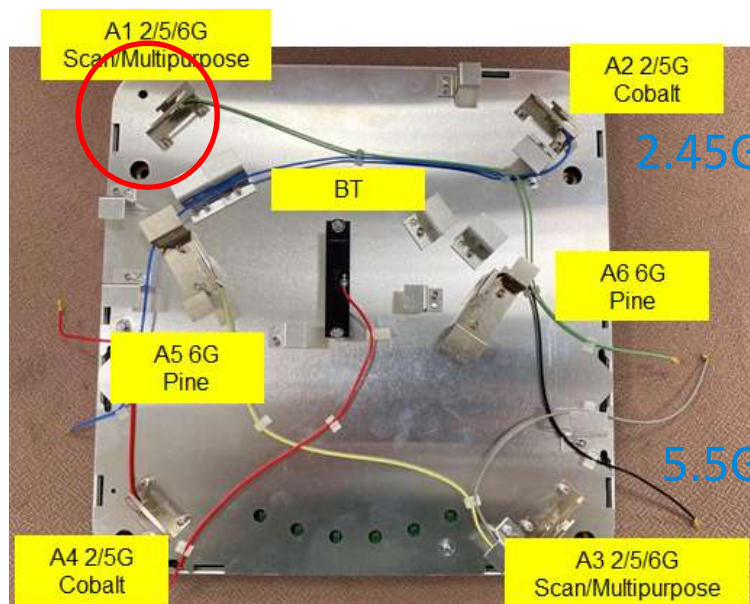


2.45GHz

5.5GHz

6.5GHz

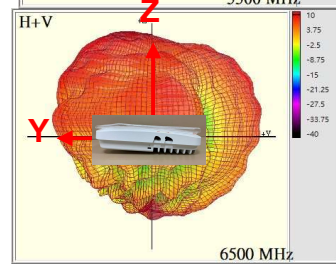
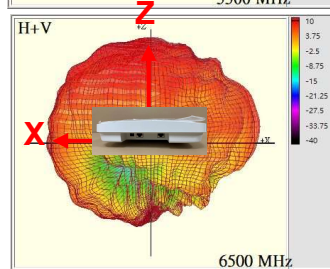
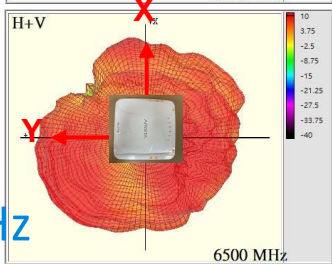
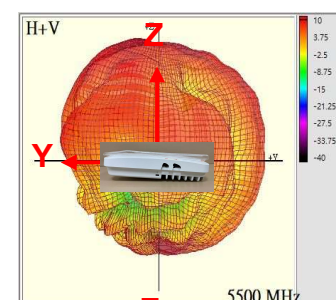
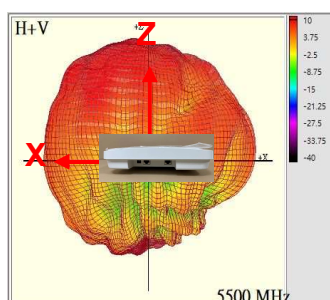
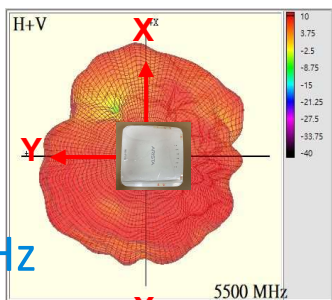
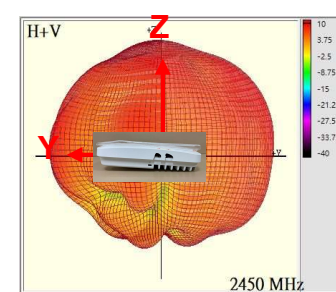
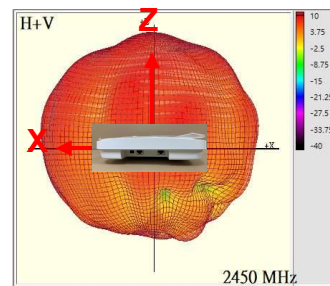
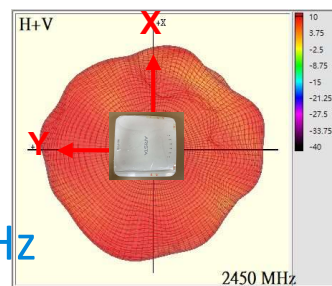


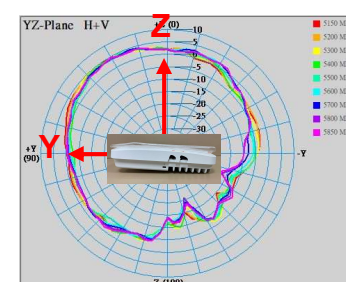
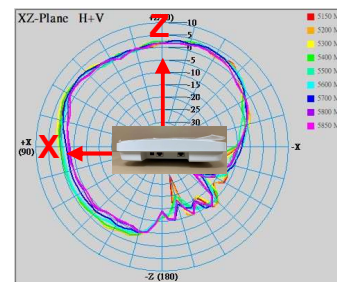
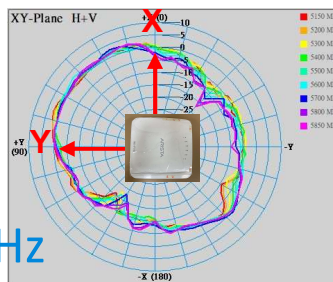
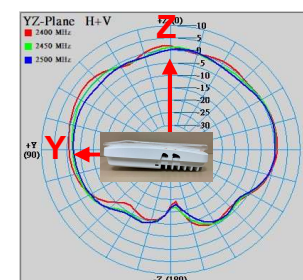
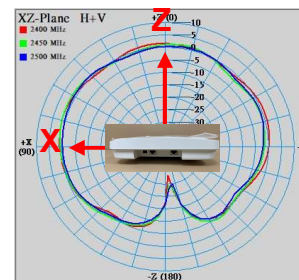
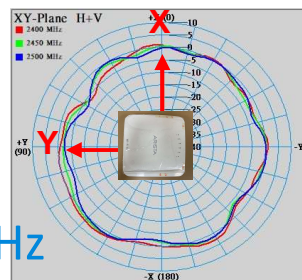
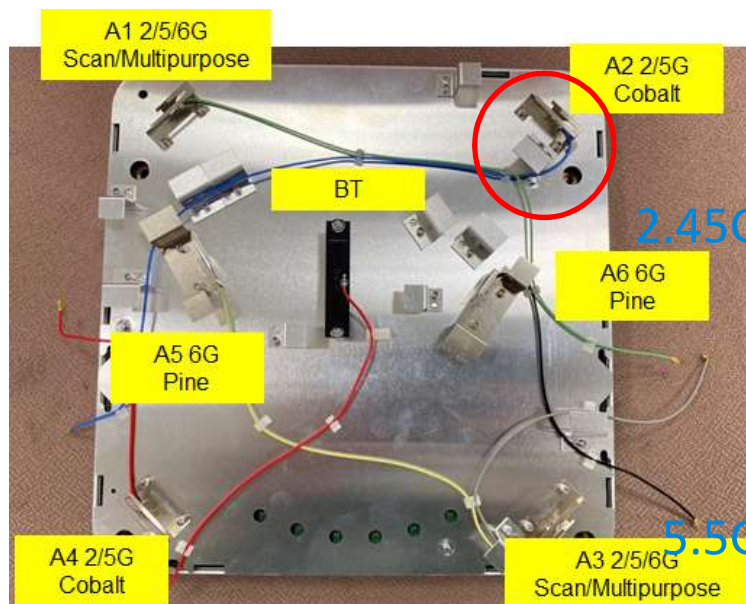


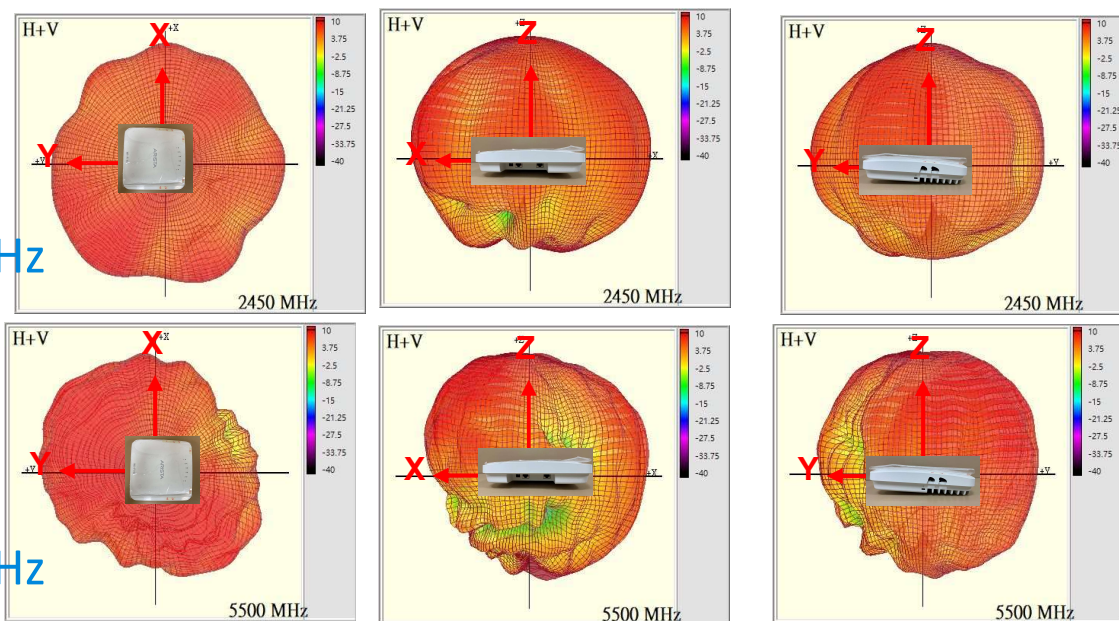
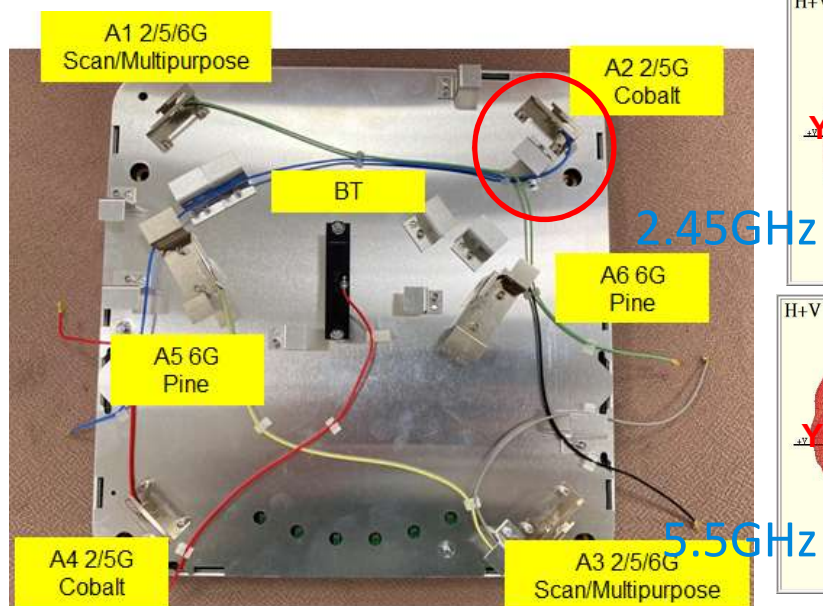
2.45GHz

5.5GHz

6.5GHz

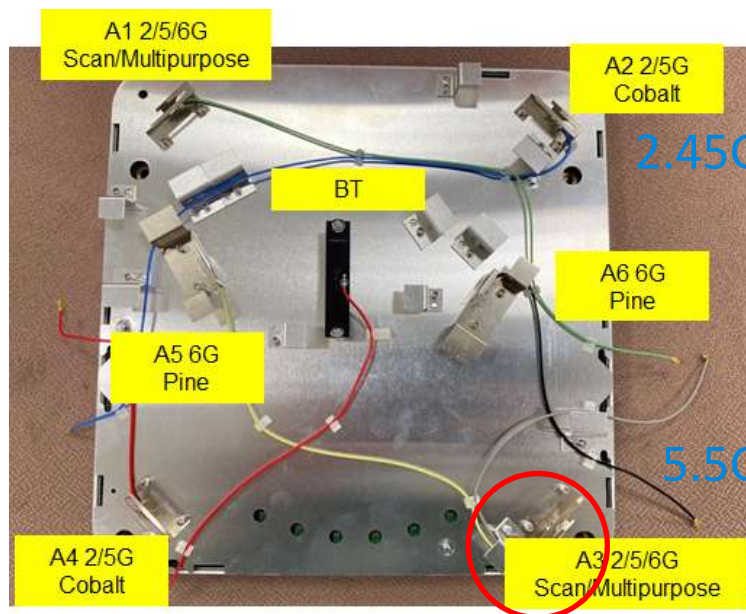








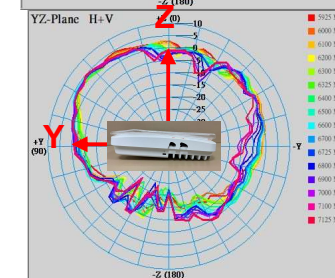
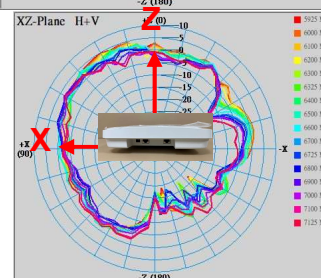
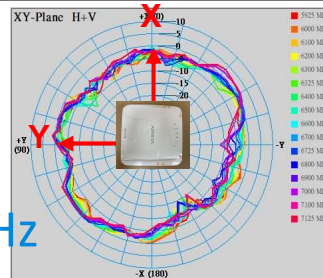
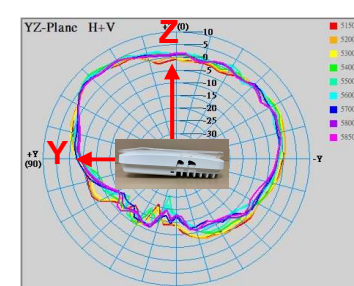
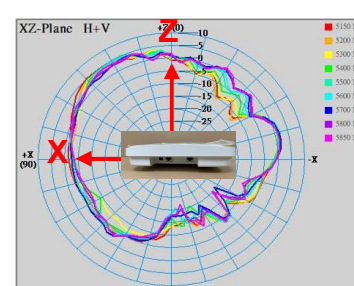
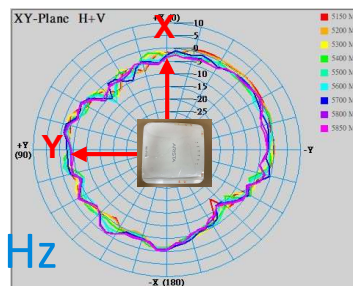
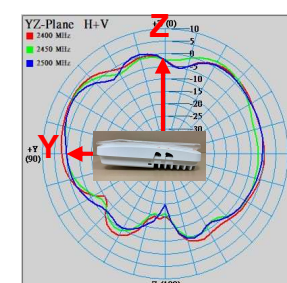
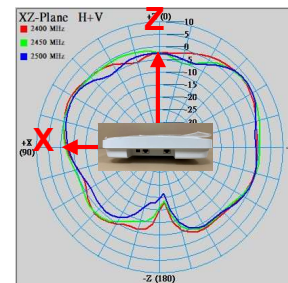
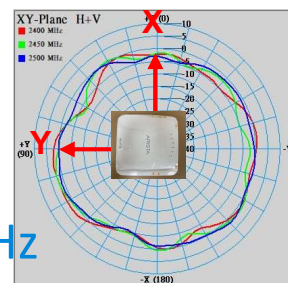
2D Radiation Pattern Ant 3



2.45GHz

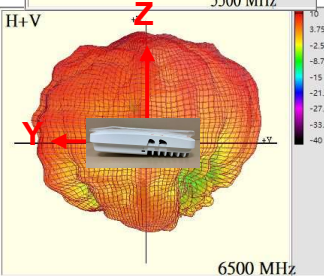
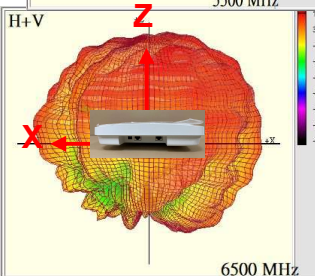
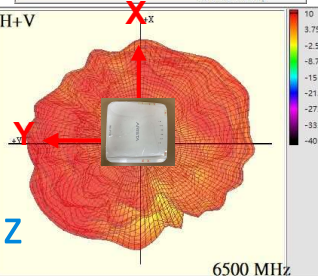
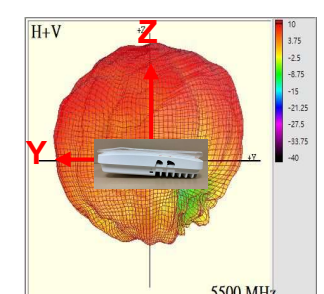
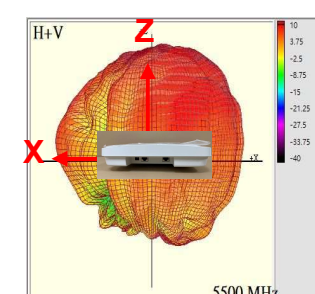
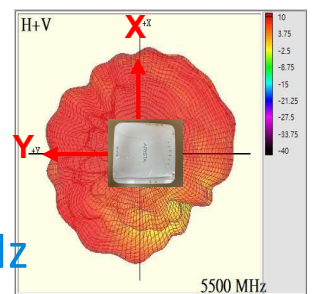
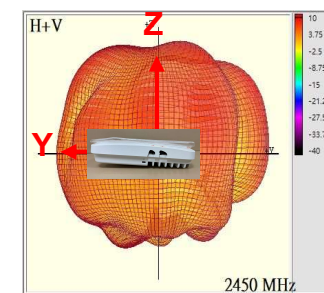
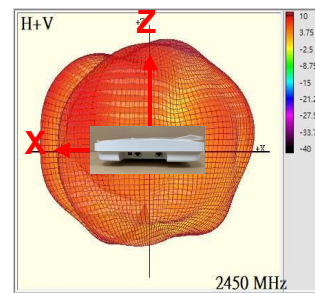
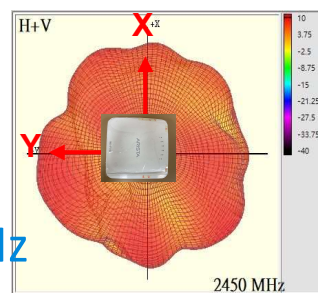
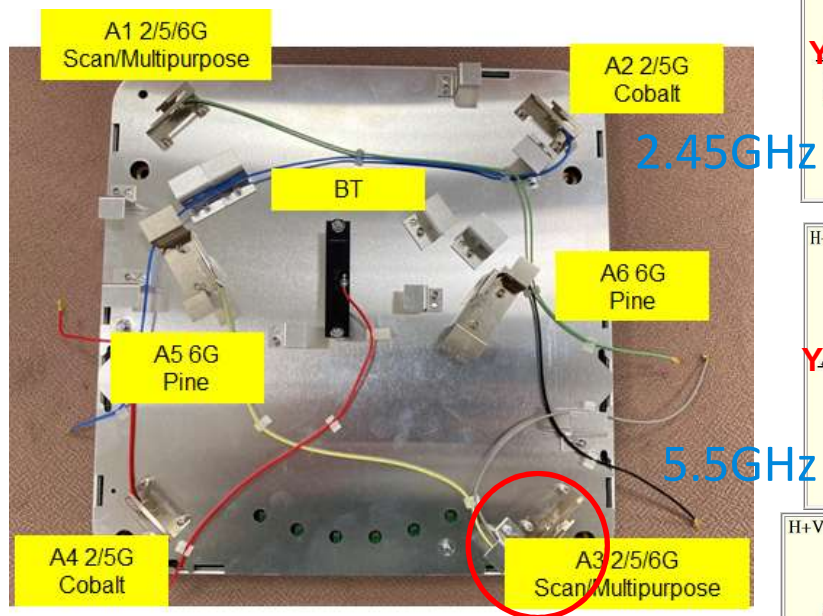
5.5GHz

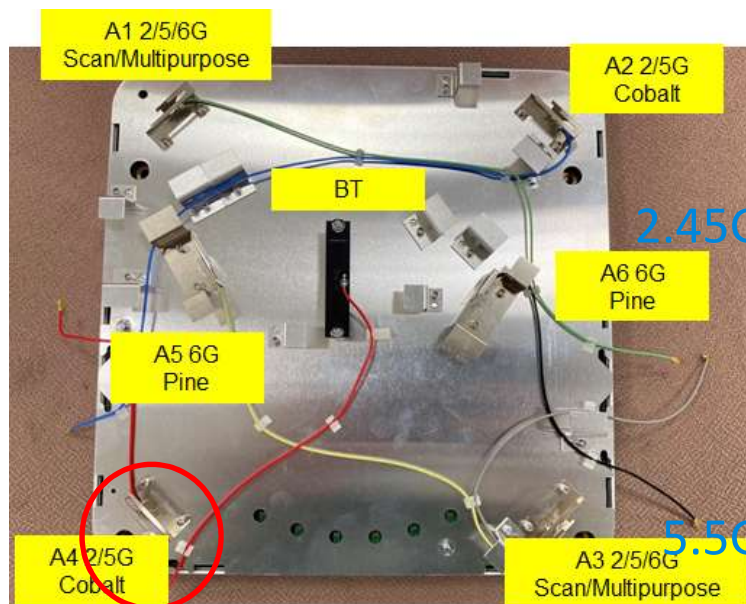
6.5GHz





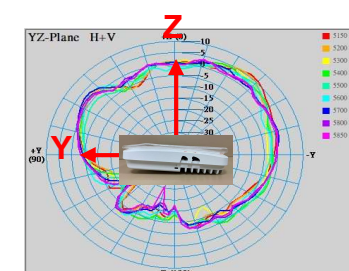
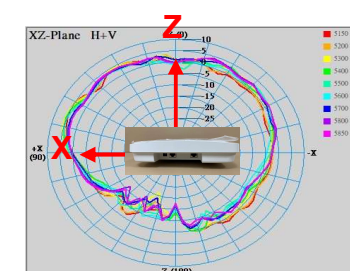
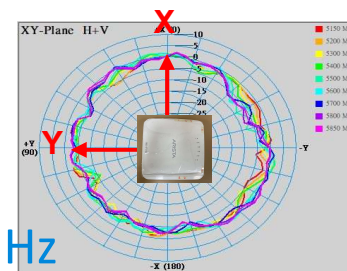
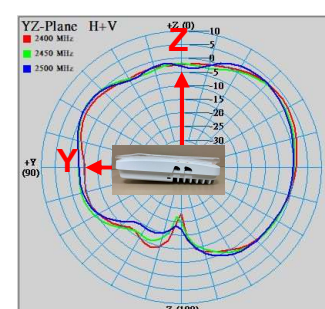
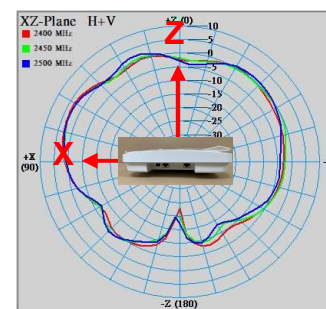
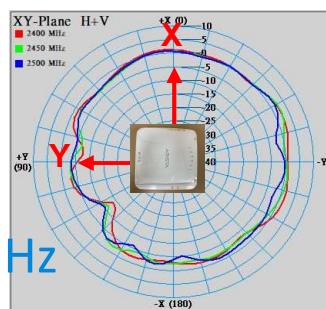
3D Radiation Pattern Ant 3

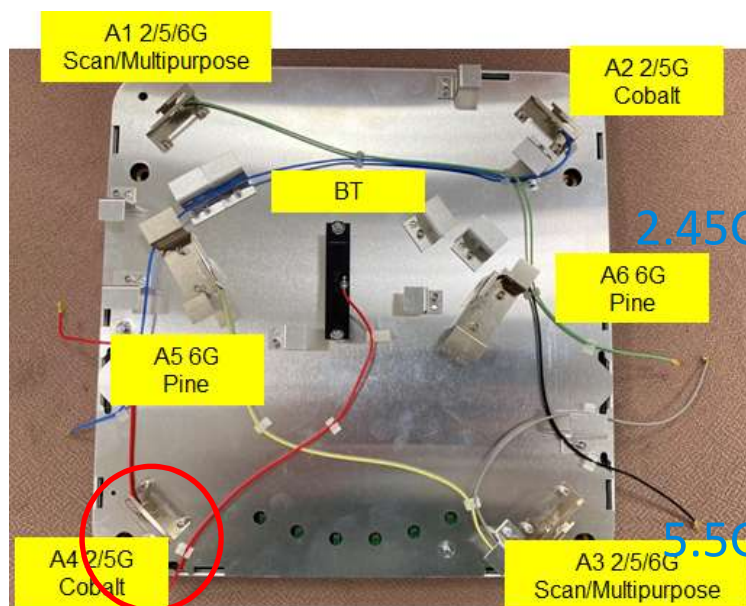




2.45GHz

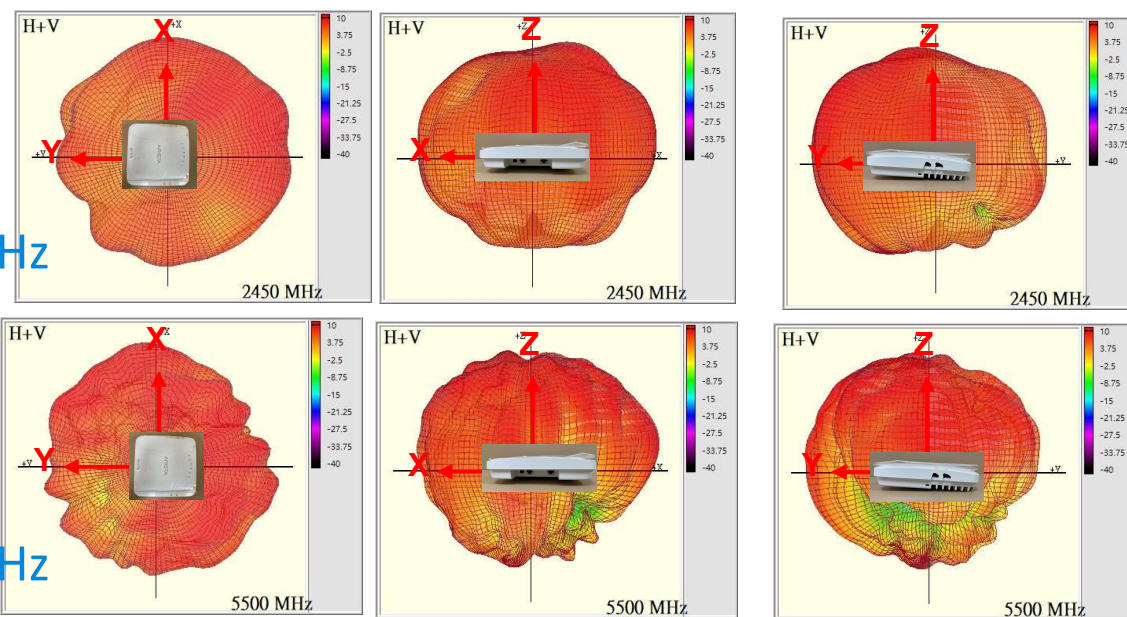
5.5GHz

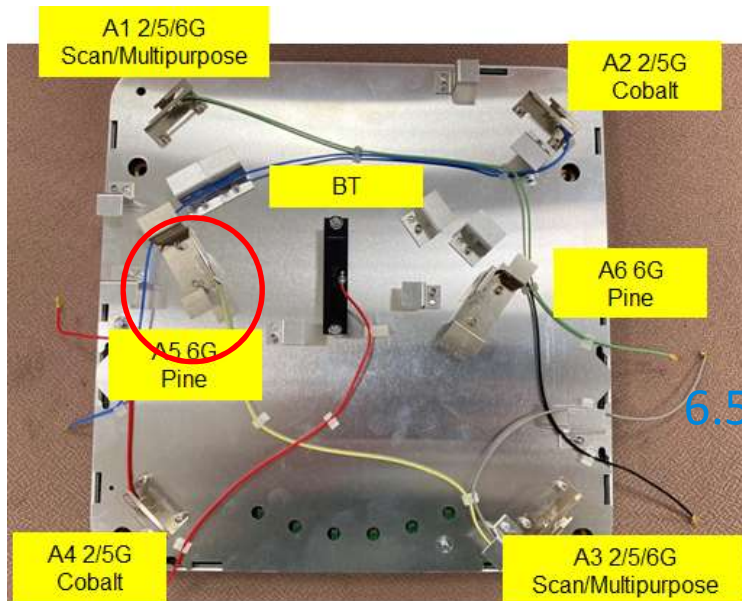




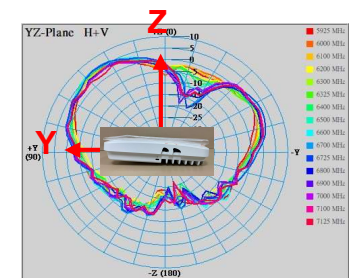
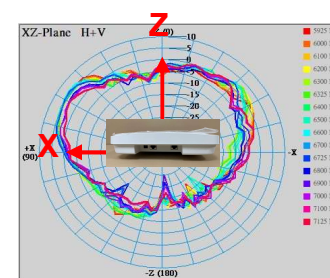
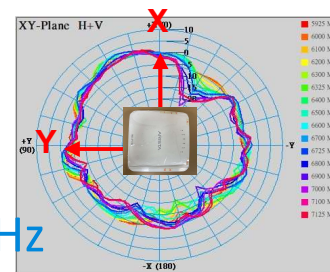
2.45GHz

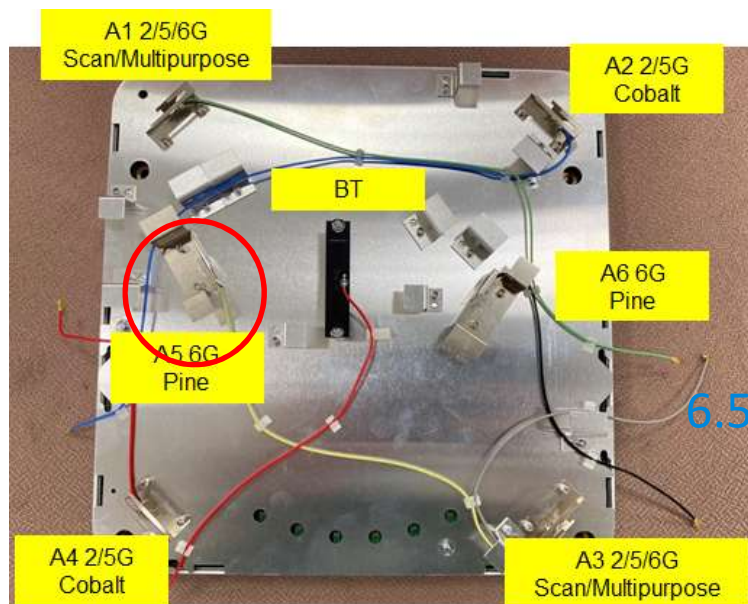
5.5GHz



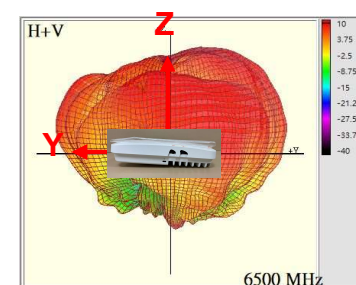
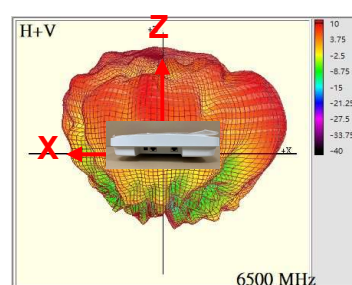
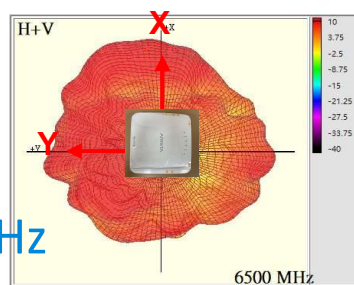


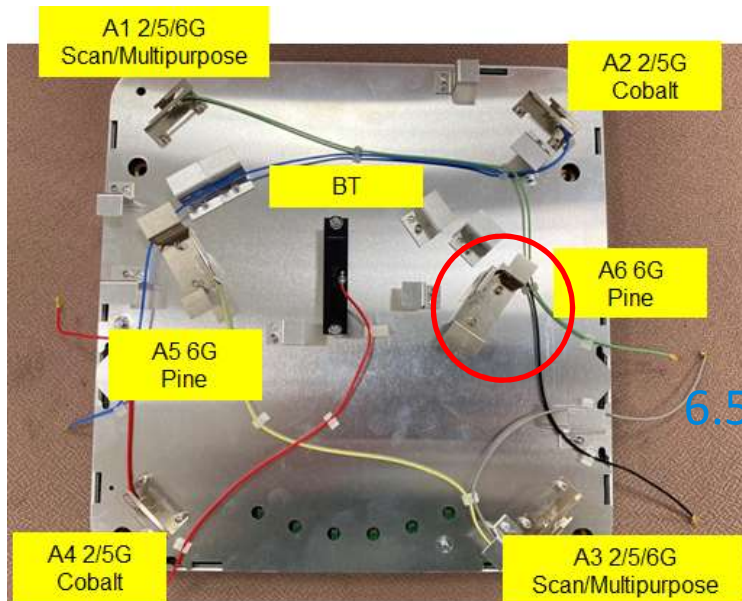
6.5GHz



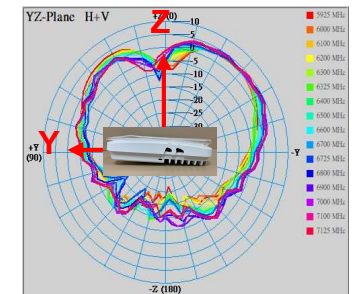
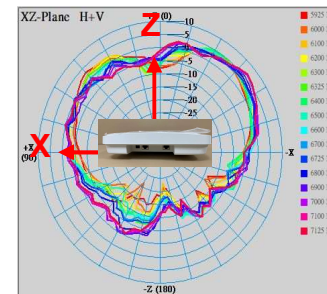
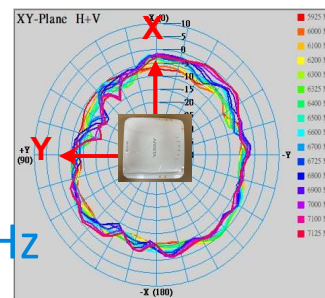


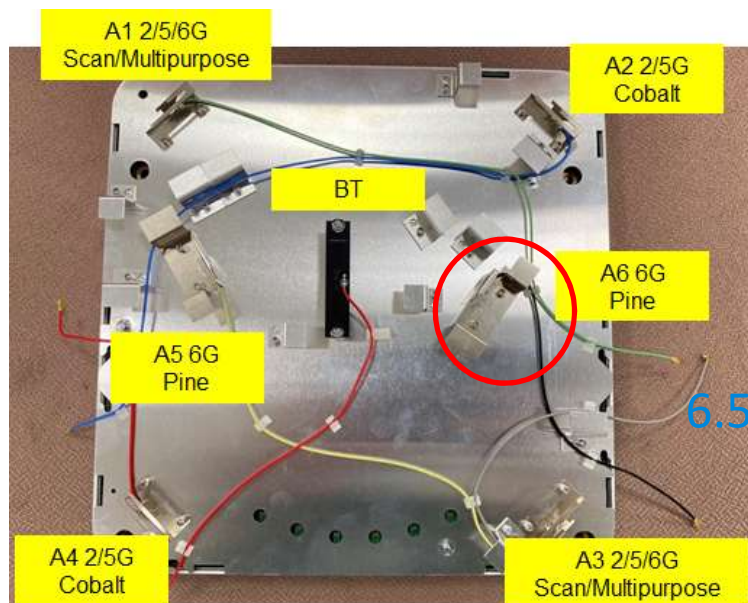
6.5GHz



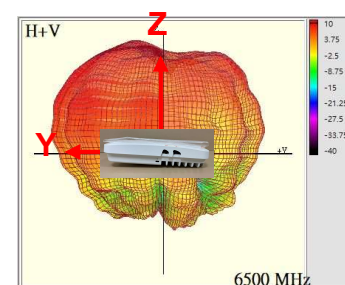
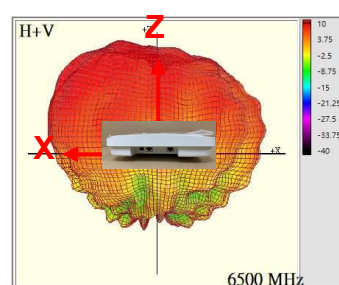
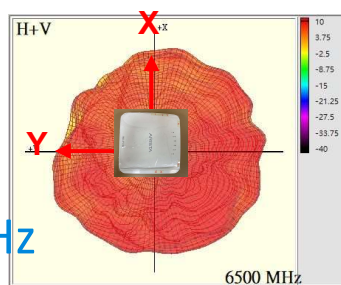


6.5GHz

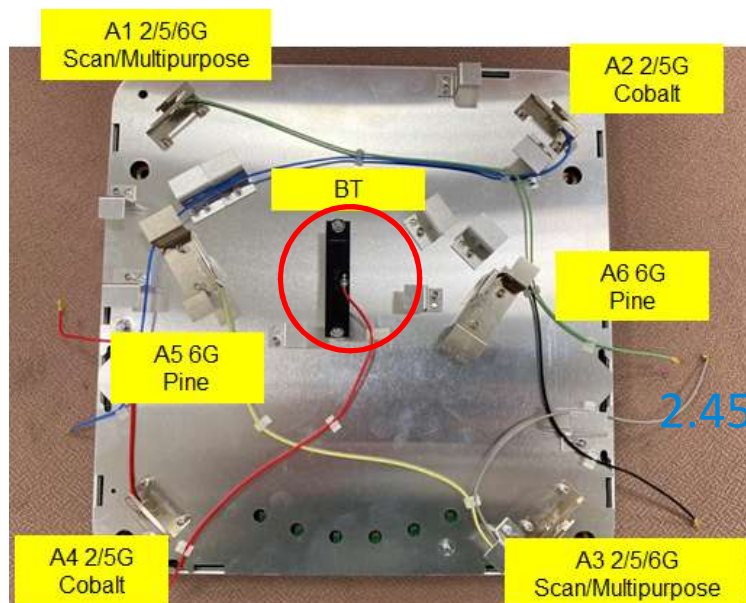




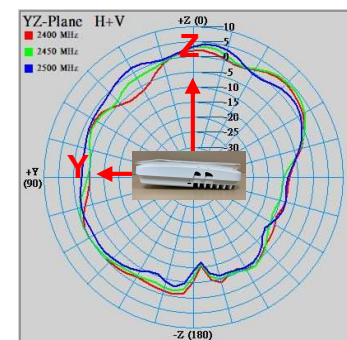
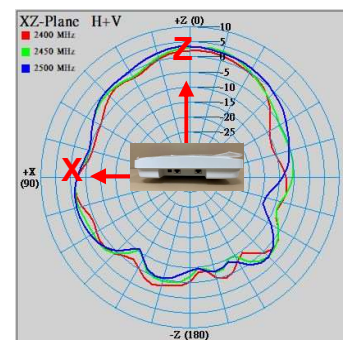
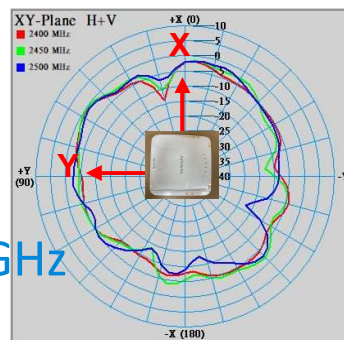
6.5GHz

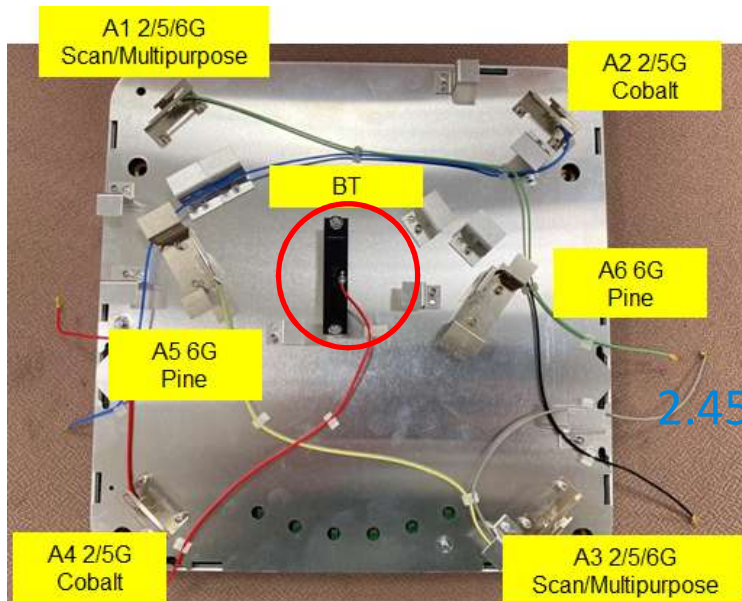


2D Radiation Pattern Ant 7

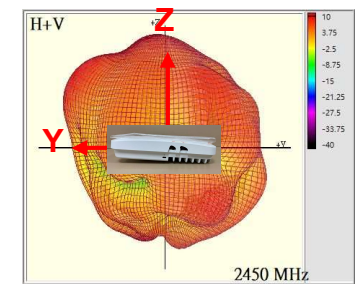
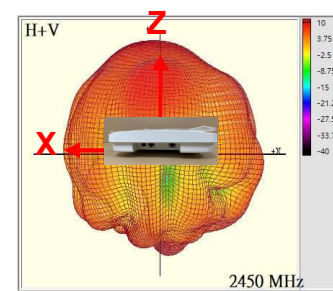
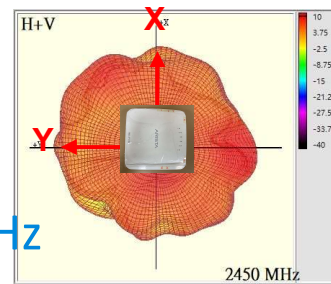


2.45GHz





2.45GHz





Antenna Spec. Summary

	Ant1 (2/5/6G)			Ant2 (2/5G)		Ant3 (2/5/6G)			Ant4 (2/5G)		Ant5	Ant6	Ant7
Band	2GHz	5GHz	6GHz	2GHz	5GHz	2GHz	5GHz	6GHz	2GHz	5GHz	6GHz	6GHz	2GHz
Peak Gain (dBi)	4.7	6.4	6.3	4.8	5.3	4.2	6.4	6.1	4.8	5.9	7.2	6.1	4.6
Efficiency (%)	73.1	69.1	69.2	69.5	71.2	72.1	74.9	66.5	73.4	71.3	69.4	67.6	66.4

- We test the DVT antennas samples with housing.
- All antennas can meet the gain/efficiency spec. (65% efficiency and 3dB gain at 2GHz, 4dB gain at 5GHz, 5dB at 6GHz)
- All antennas can meet the isolation spec. (20dB at 2GHz and 30dB at 5/6GHz)