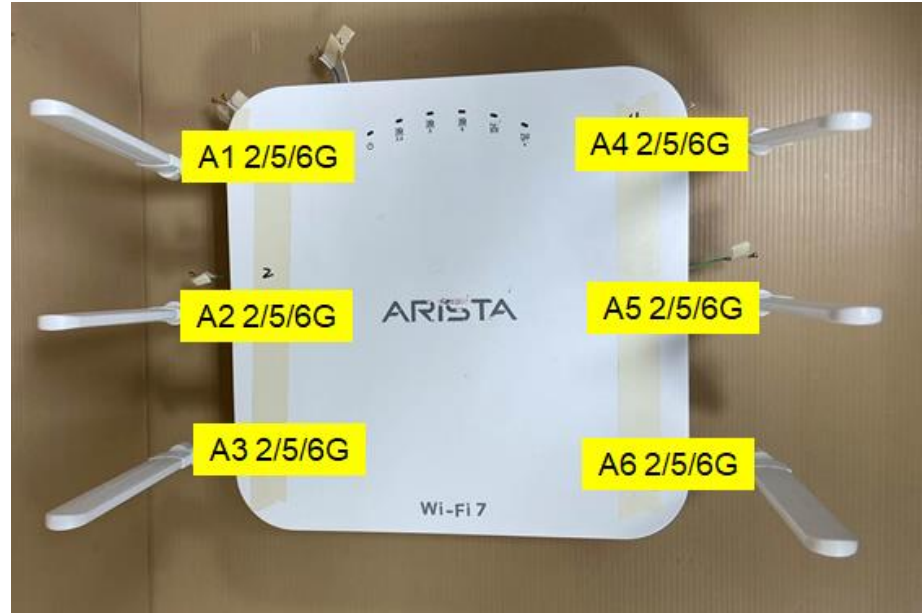
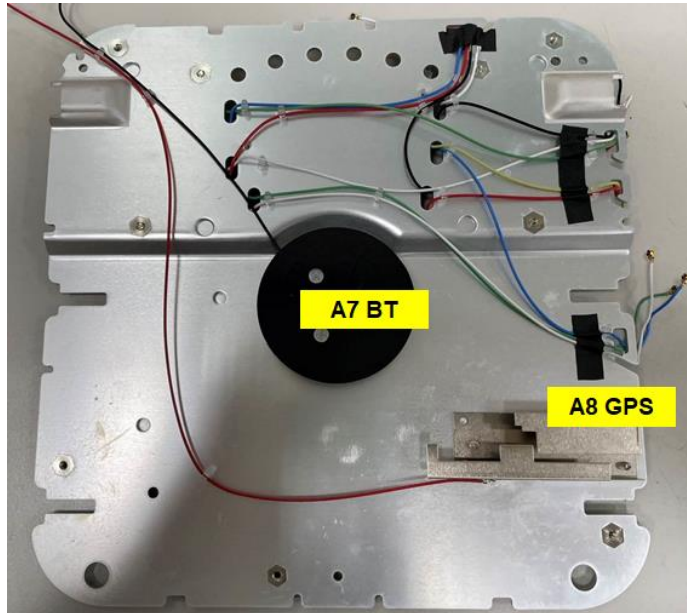


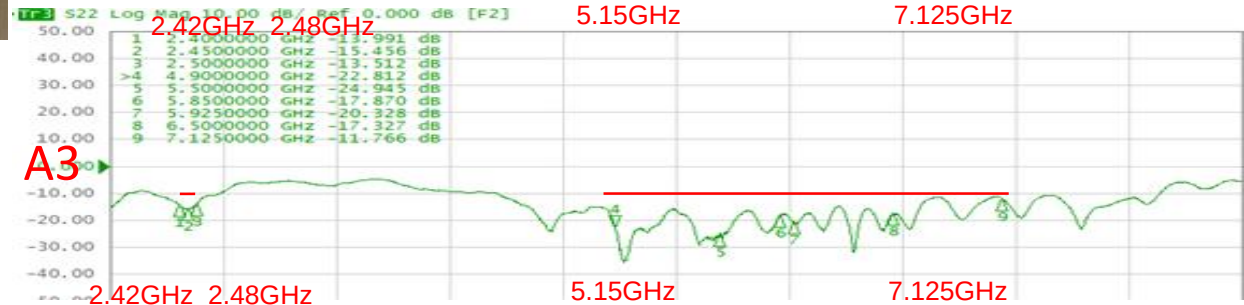
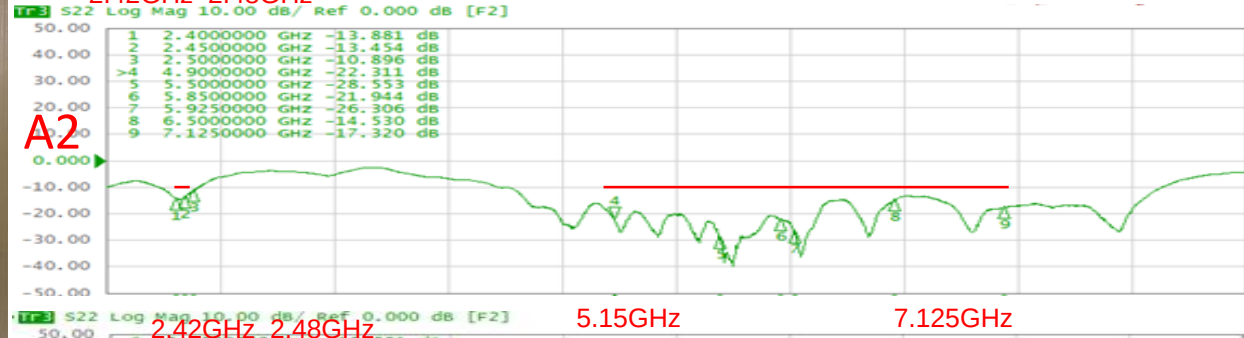
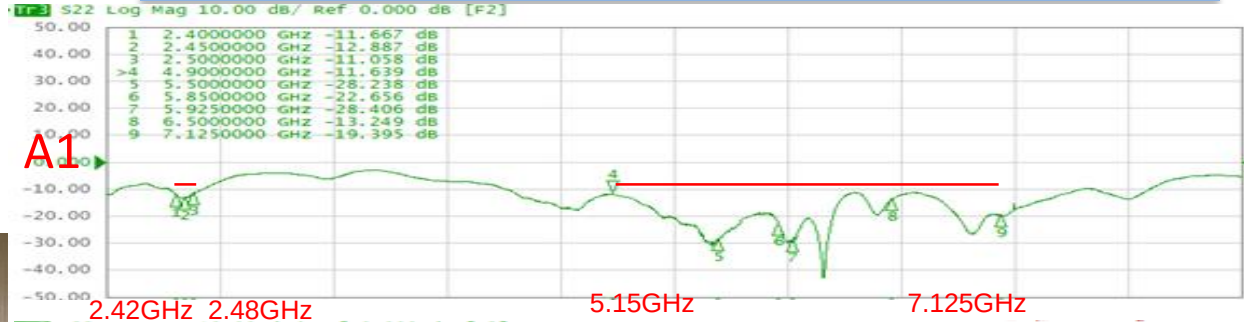
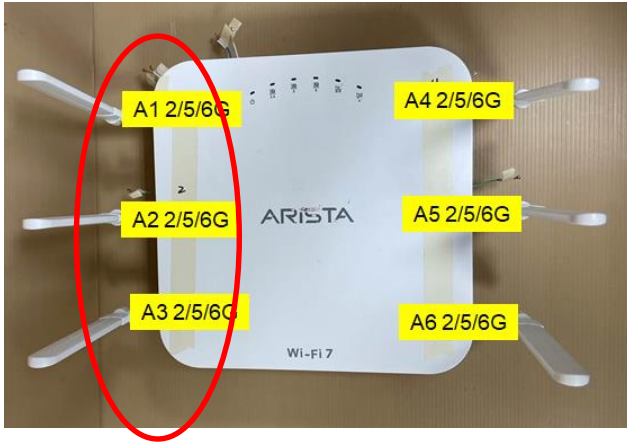


C460E DVT Antenna Test Report

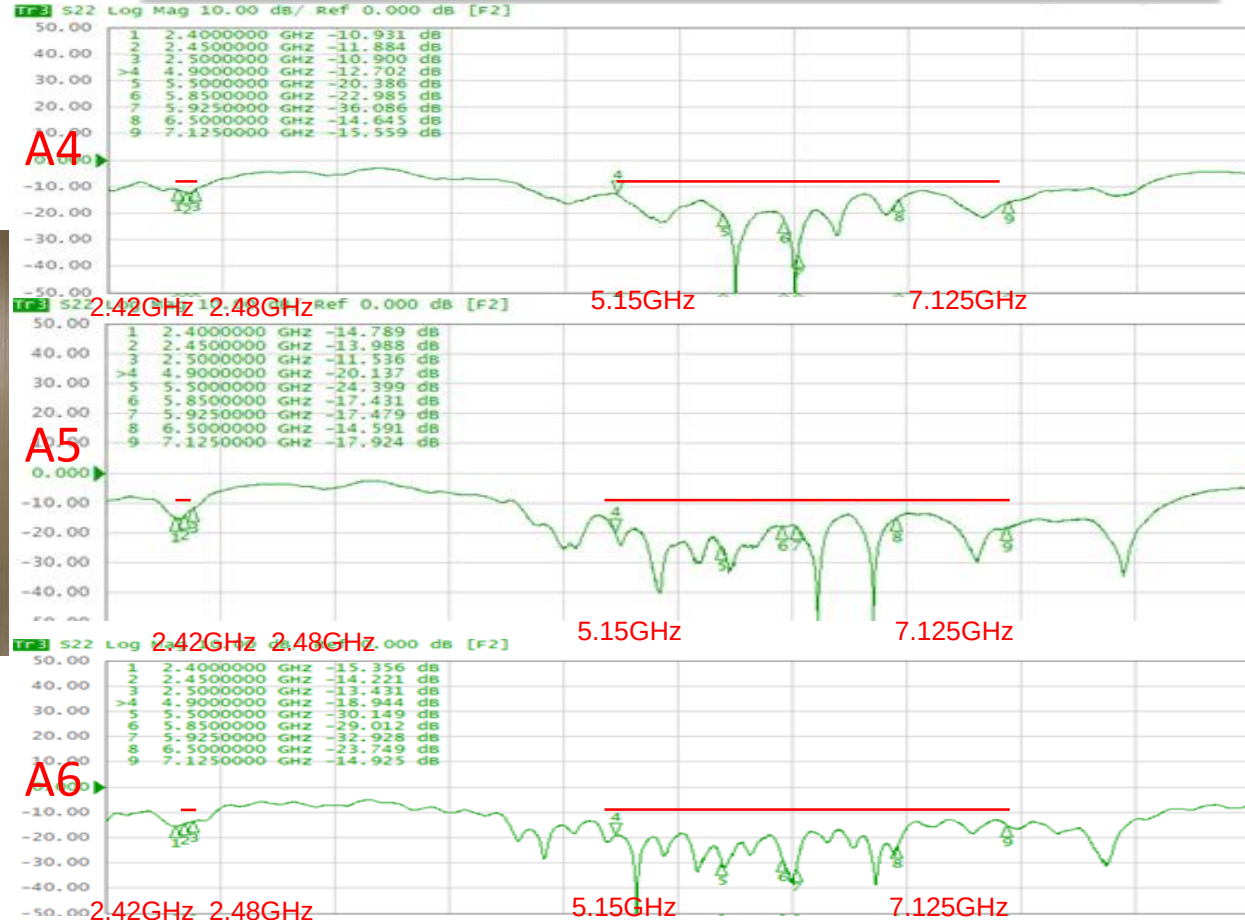
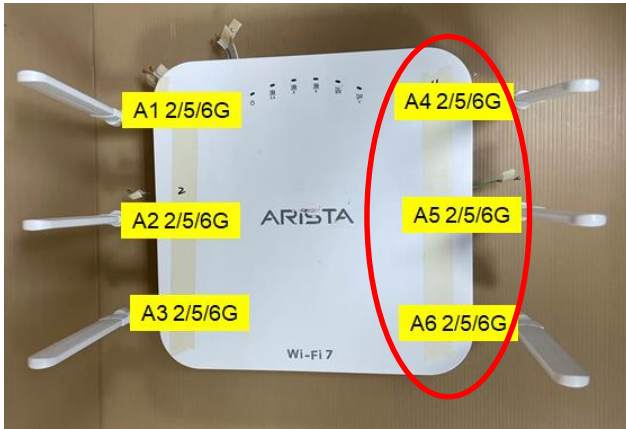
Antenna Manufacturer: Whayu
Manufacturer address: No.326, Sec.2
Gongdao 5th Rd., East Dist., Hsinchu City
300042, Taiwan.(R.O.C.)
Model number:
C393-510225-A for AP-C460E Ant 1~6
C393-510296-A for AP-C460E BT/GPS antennas



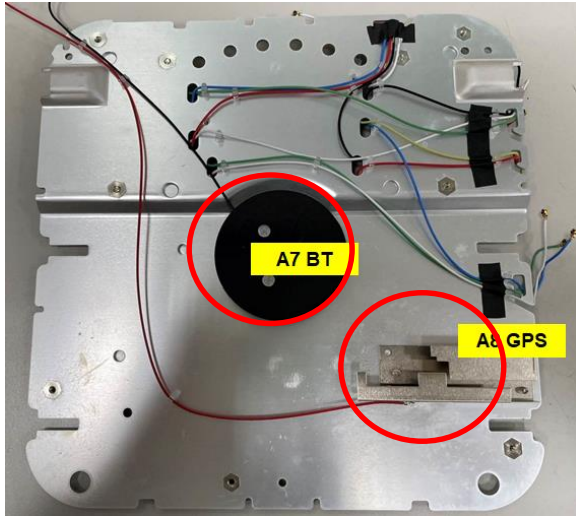
Antenna Return Loss _ Ant Tri Band1~3



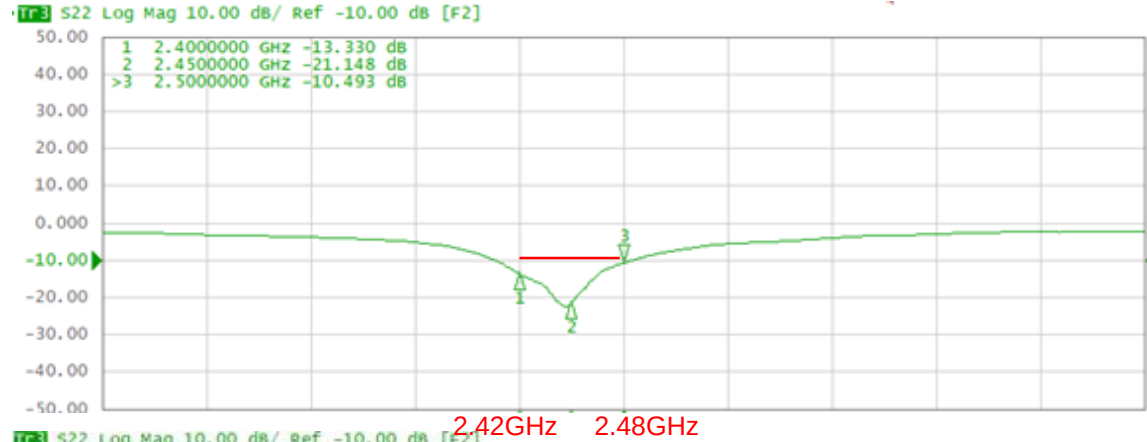
Antenna Return Loss _ Ant Tri Band4~6



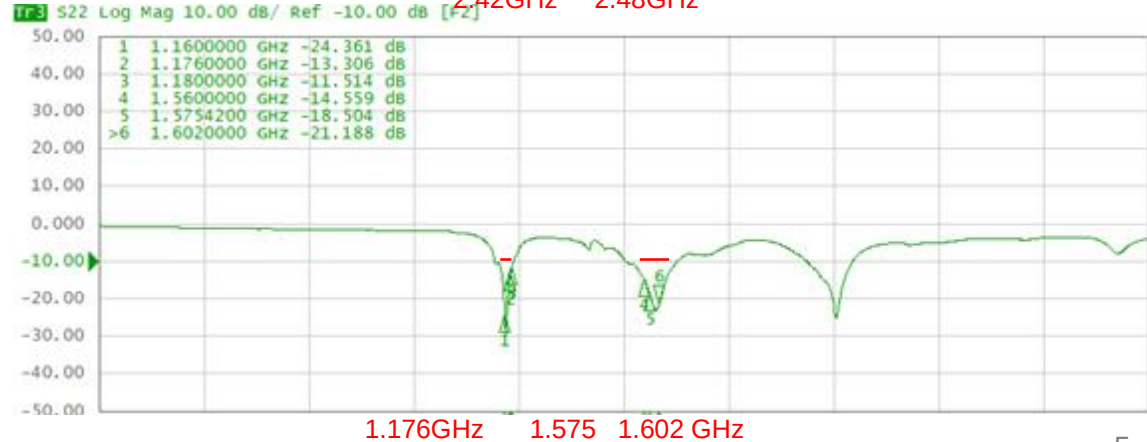
Antenna Return Loss _ Ant BT & GPS

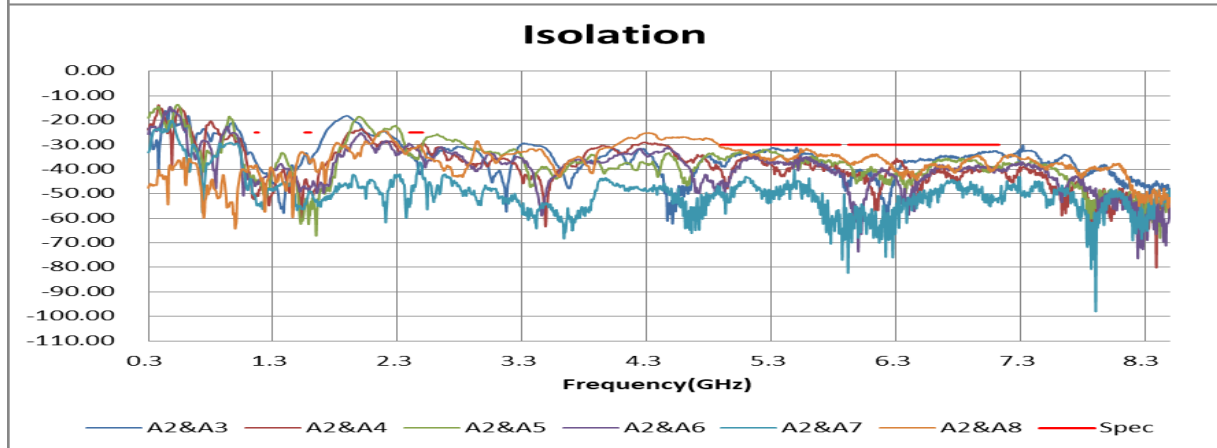
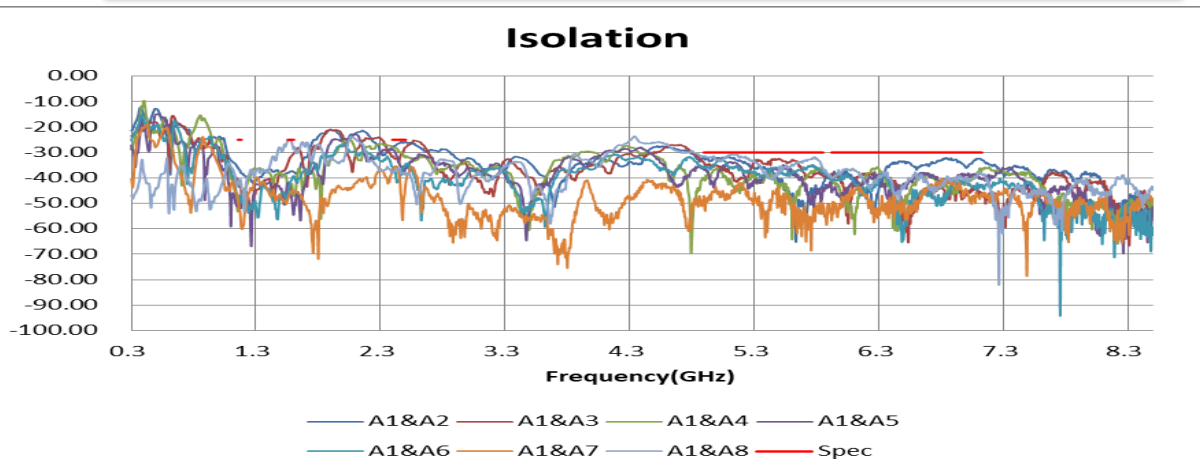
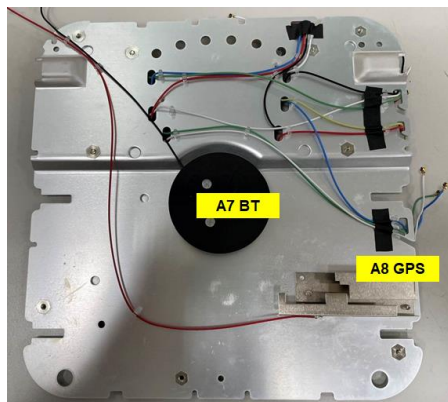


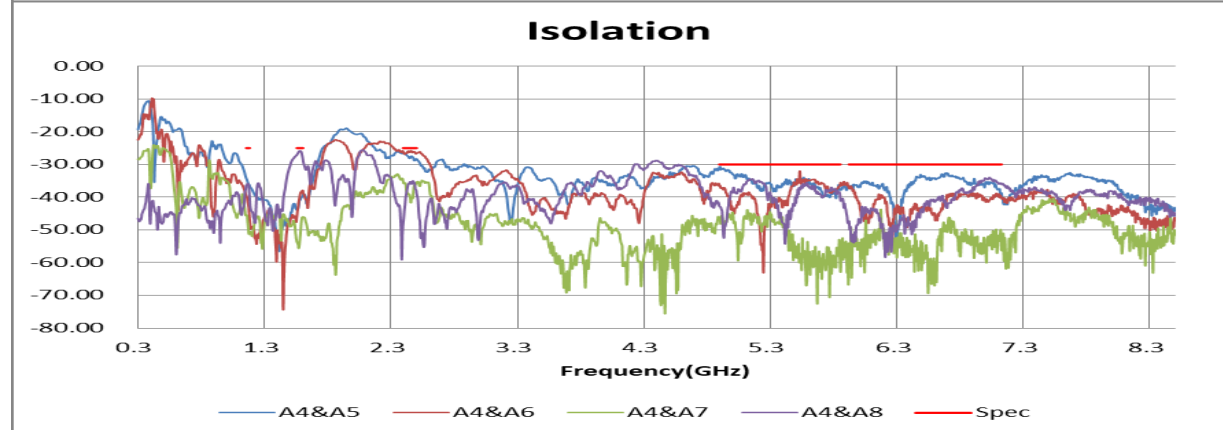
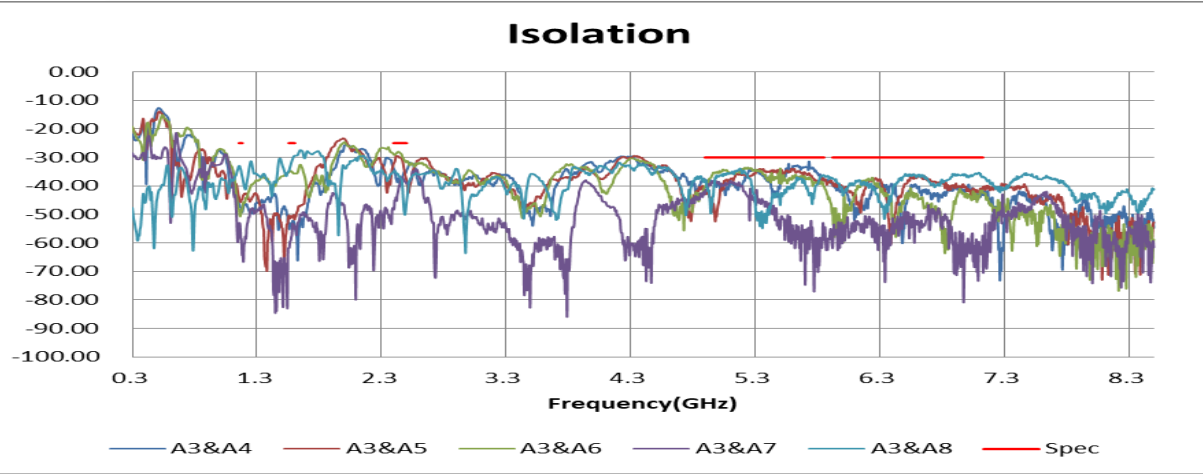
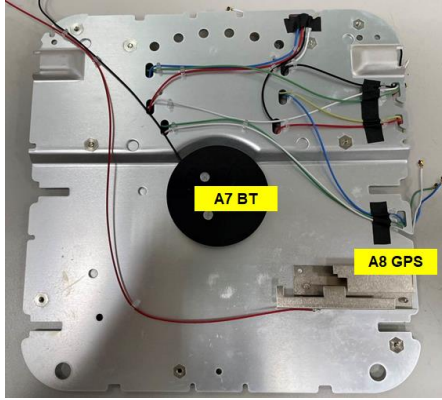
BT

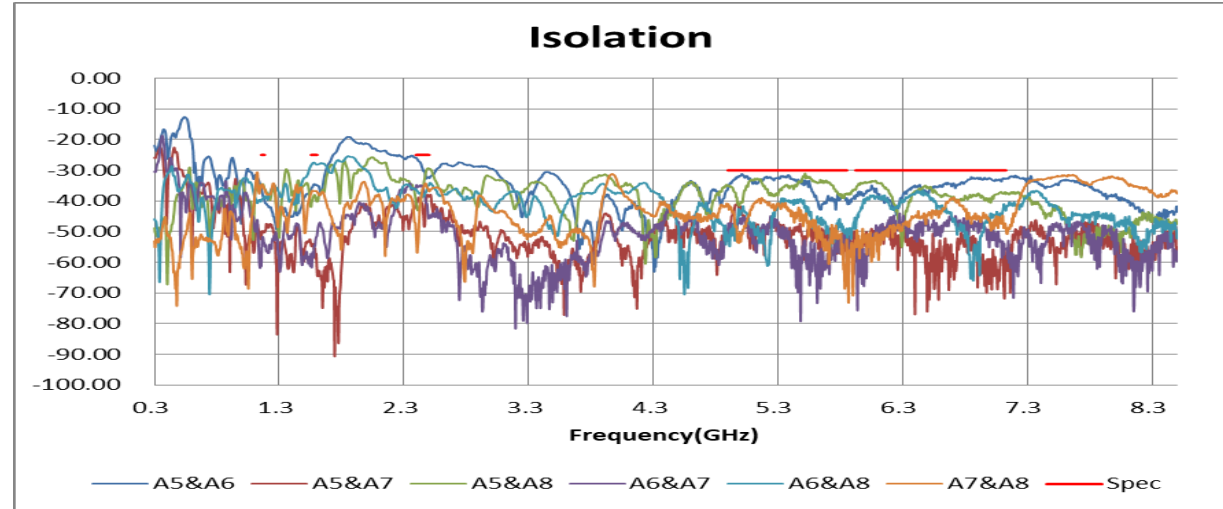
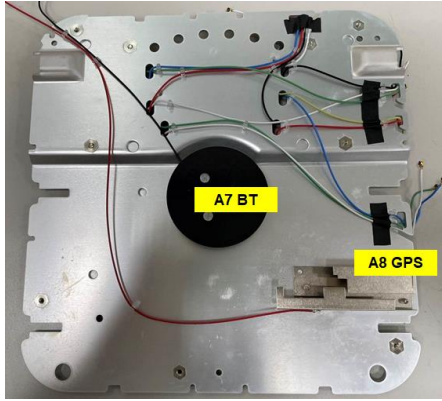


GPS

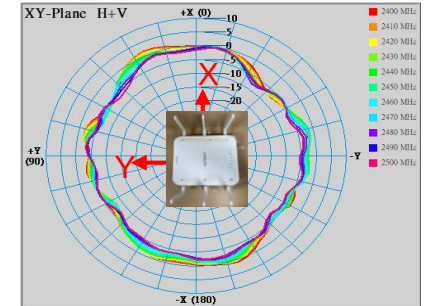
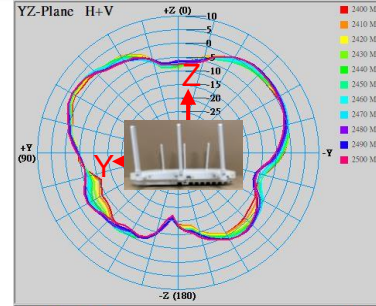
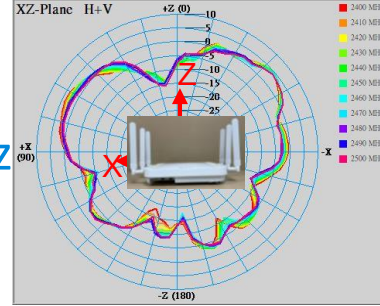




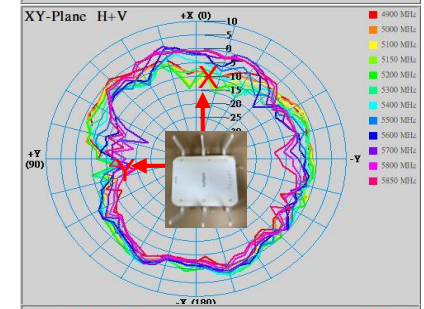
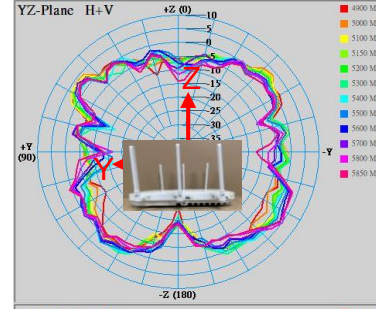
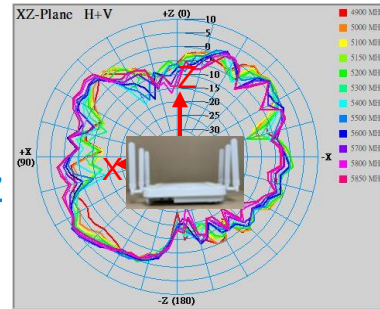




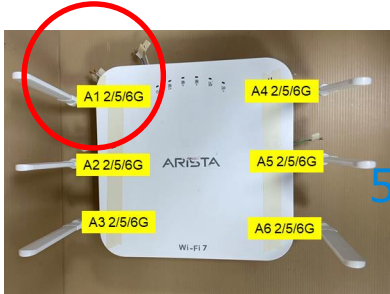
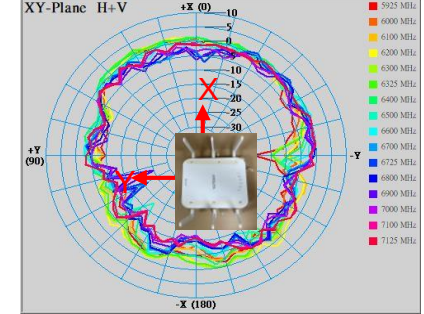
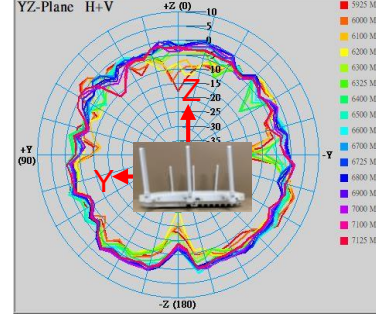
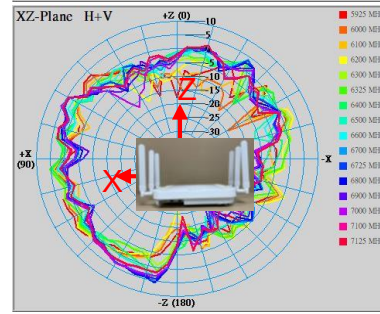
2.45GHz



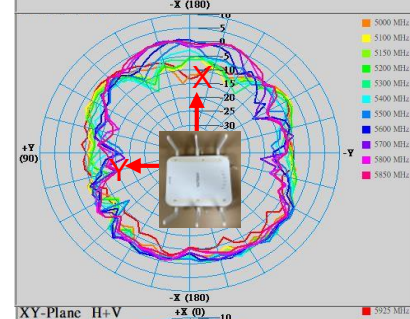
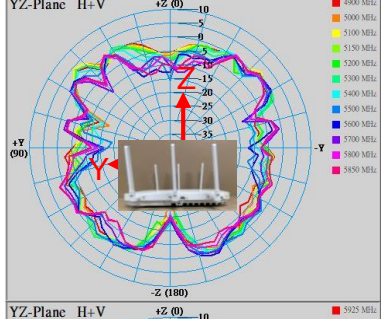
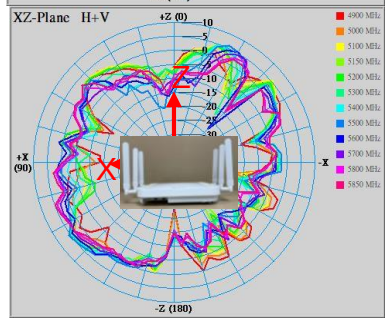
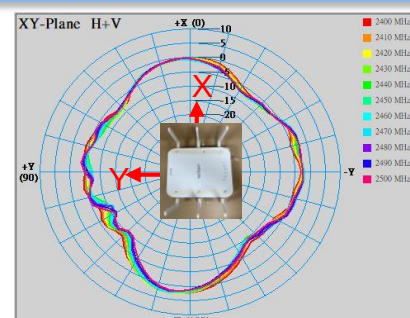
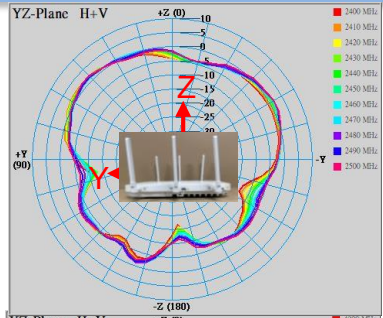
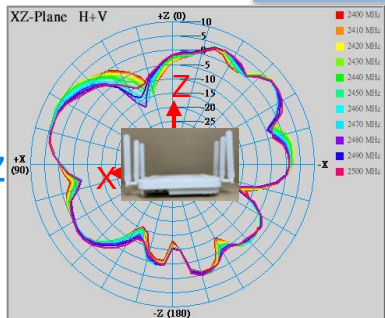
5.5GHz



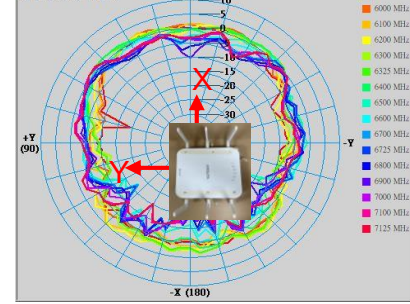
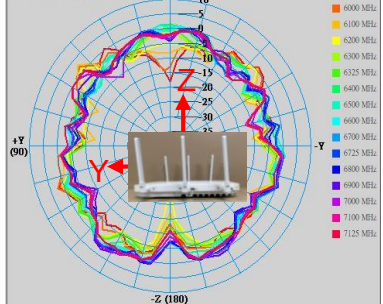
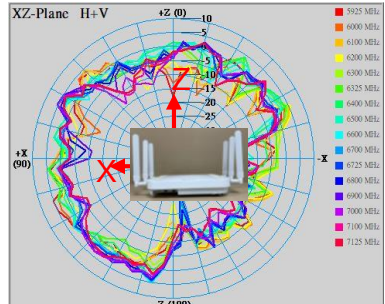
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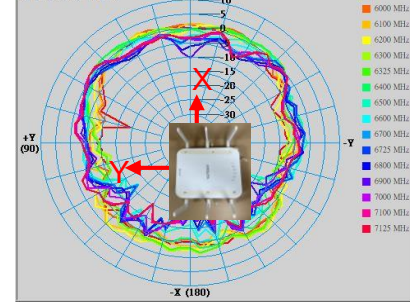
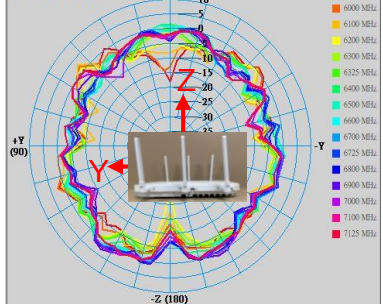
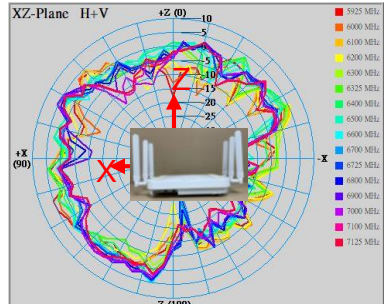
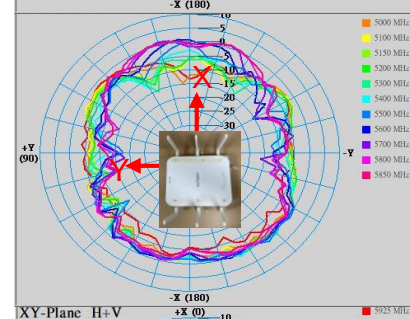
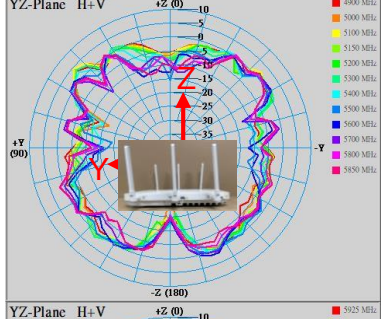
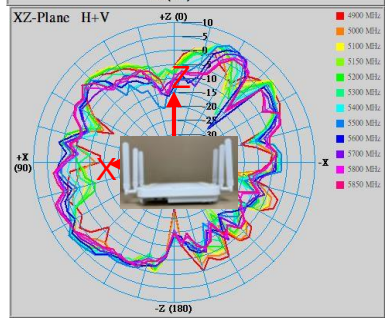
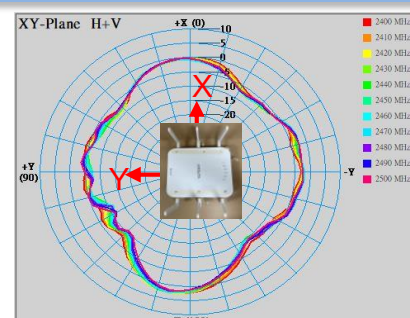
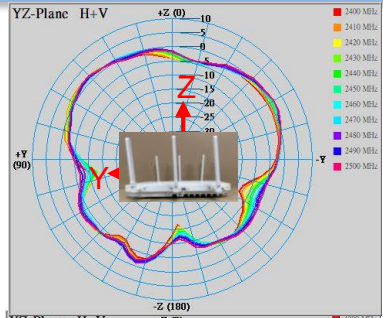
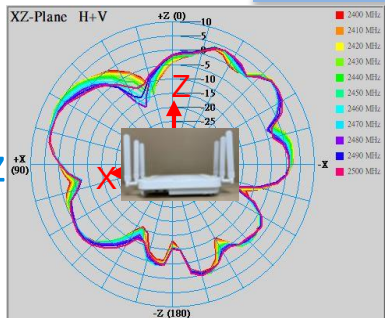
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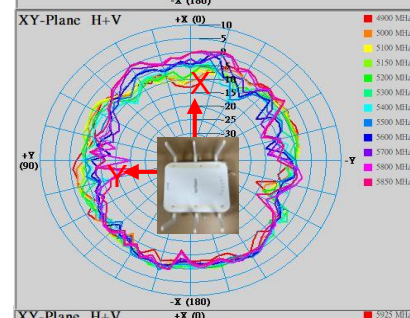
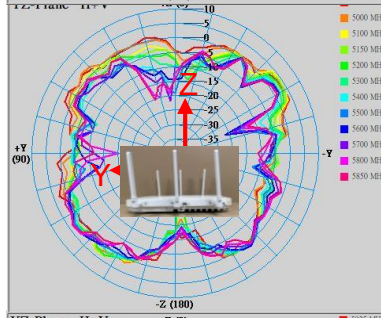
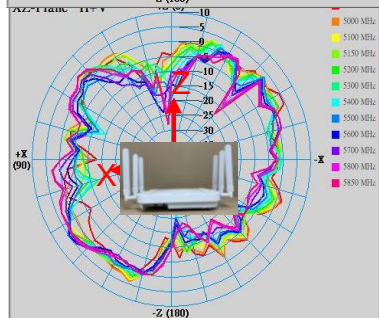
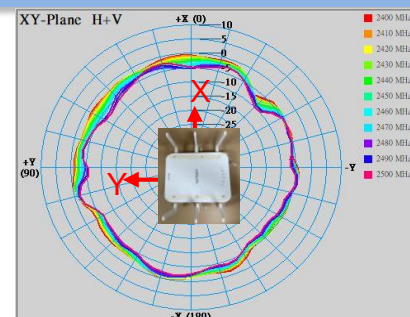
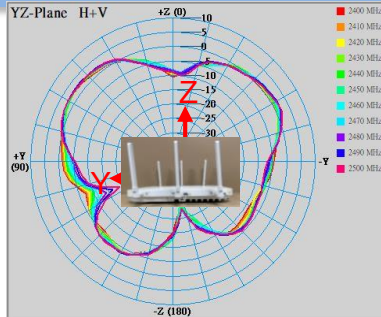
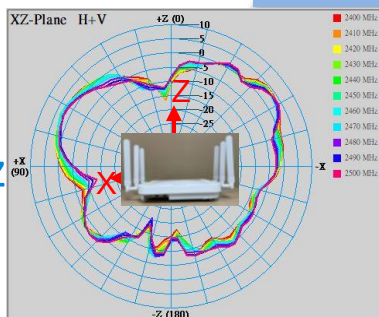
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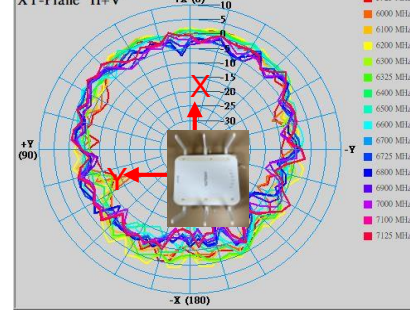
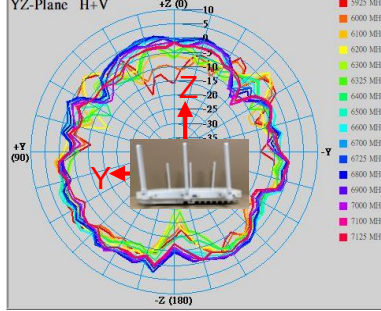
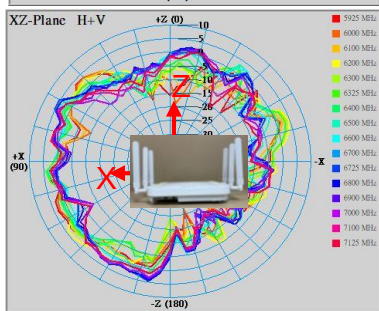
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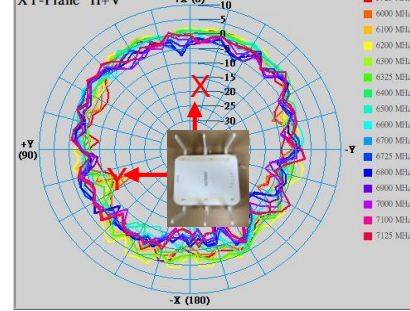
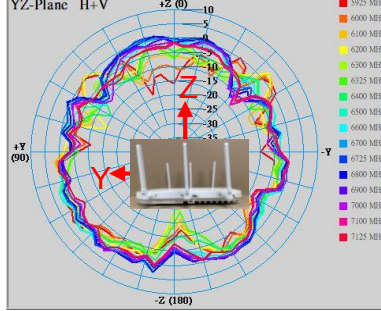
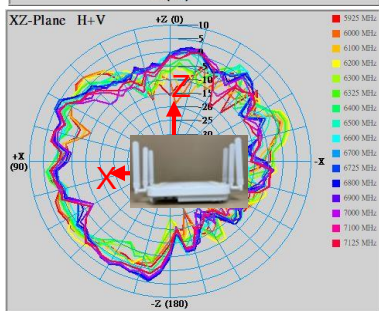
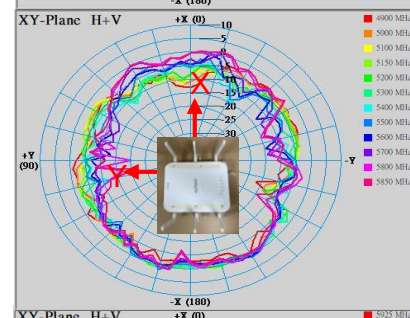
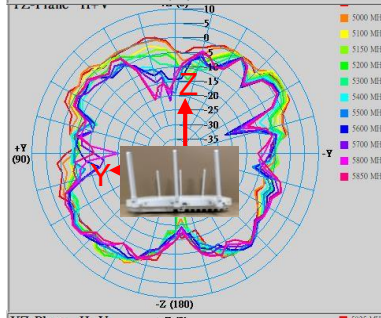
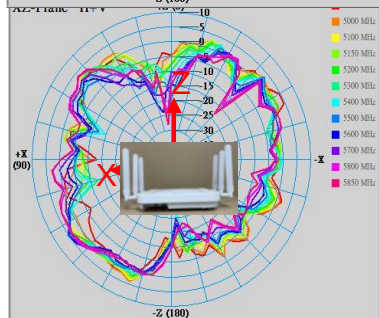
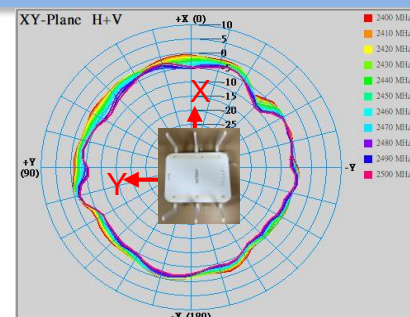
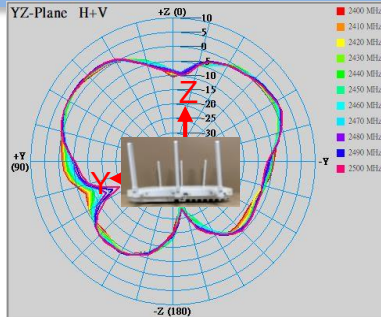
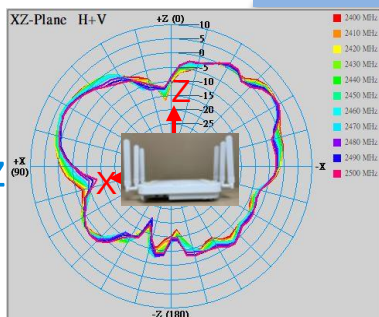
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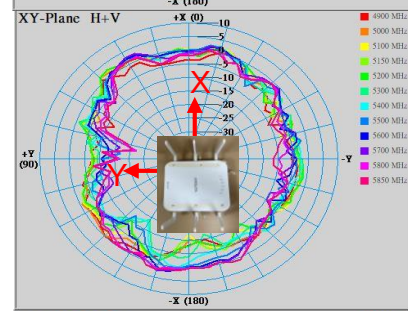
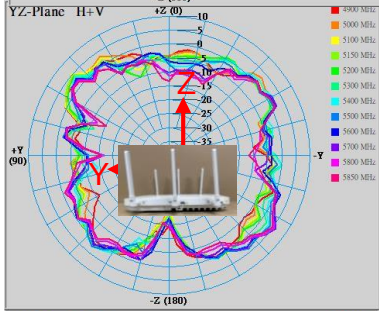
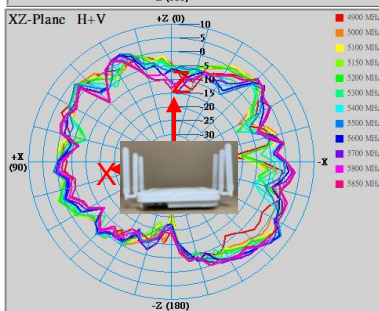
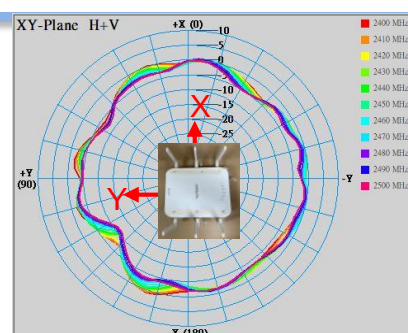
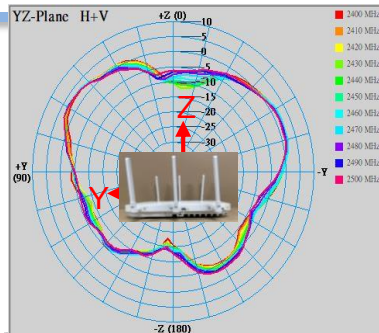
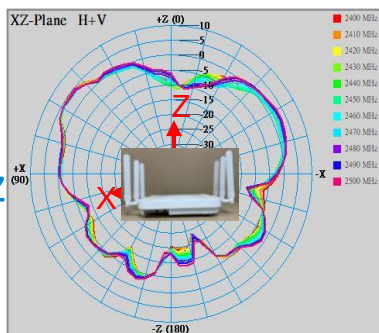
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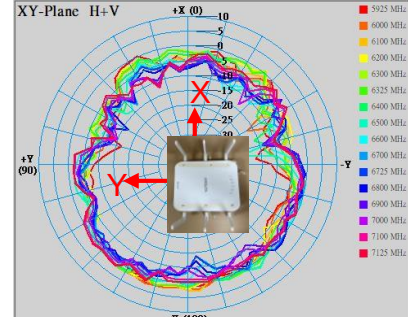
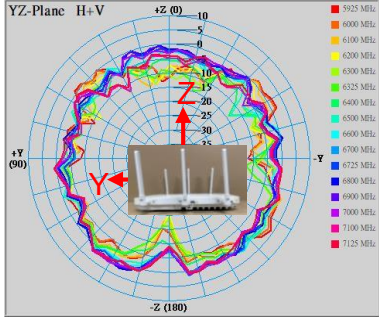
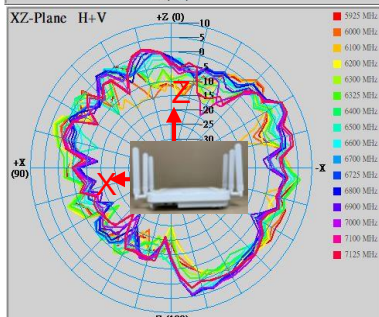
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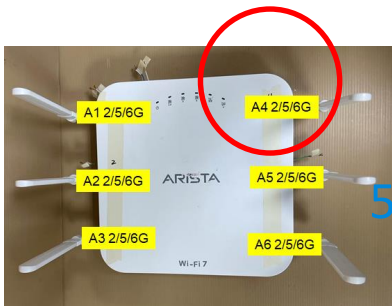
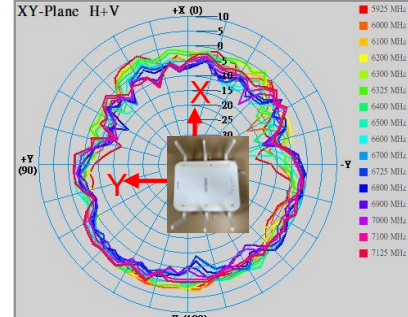
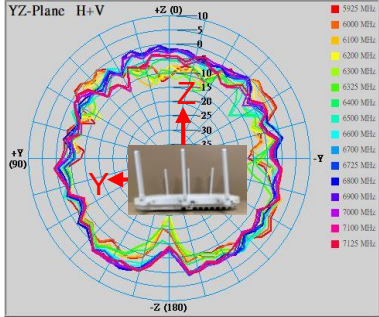
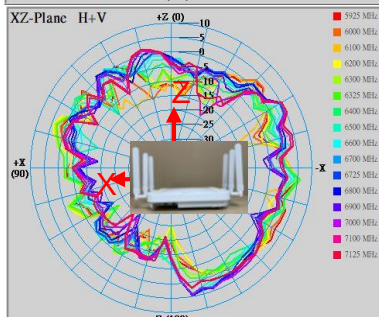
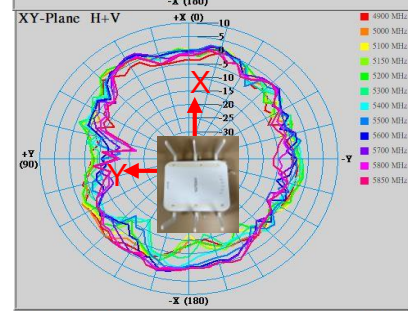
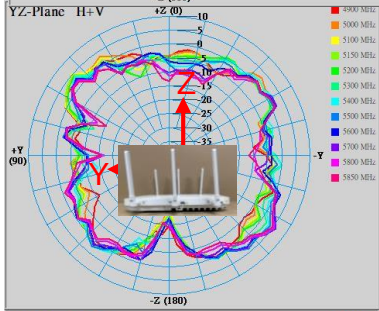
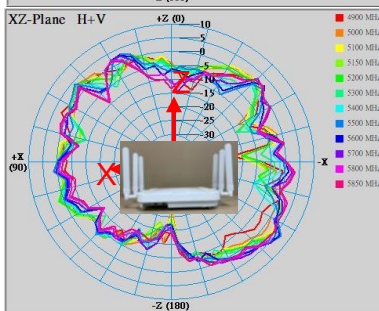
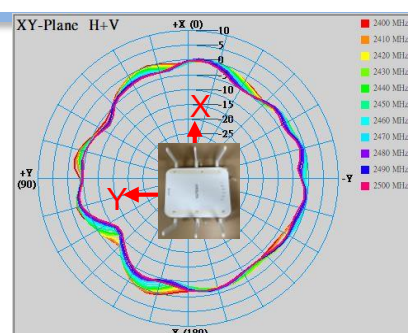
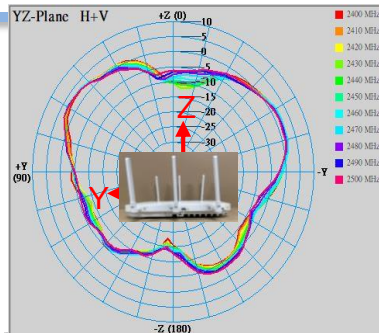
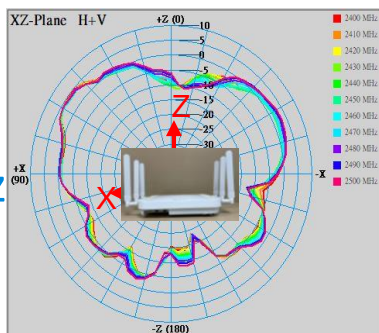
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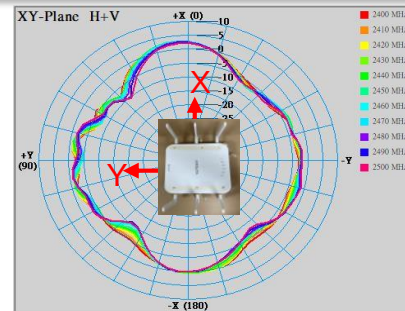
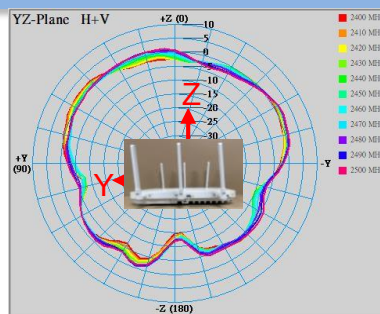
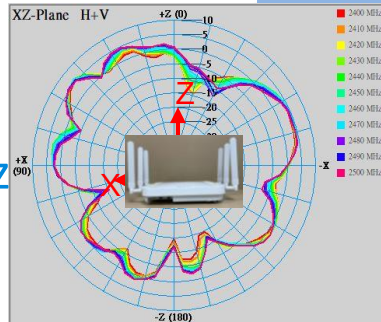
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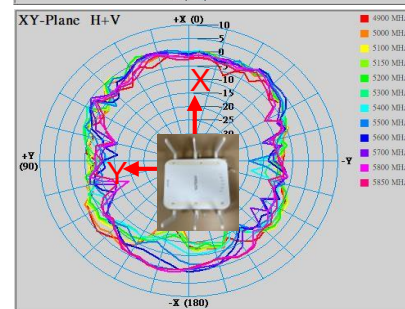
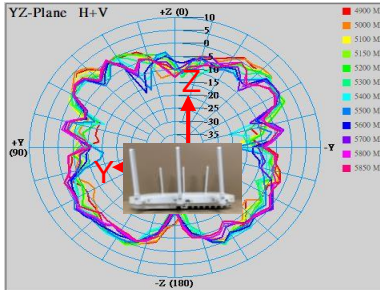
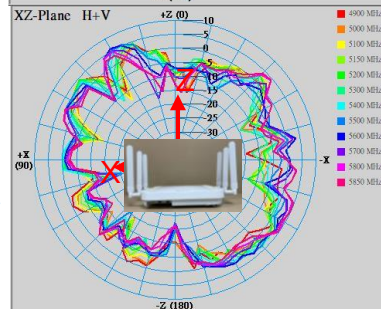
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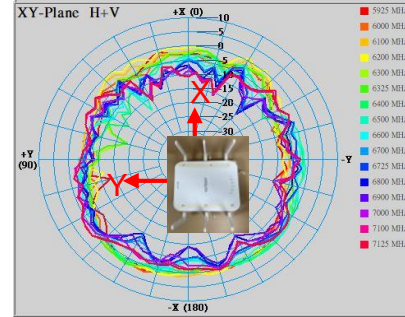
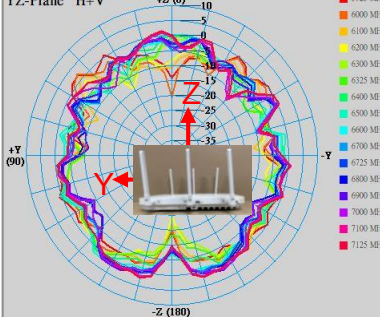
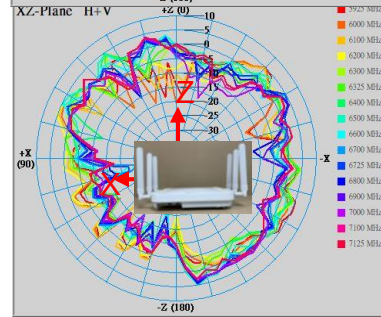
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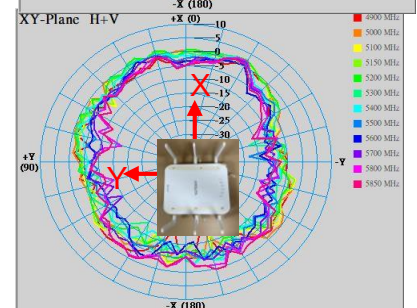
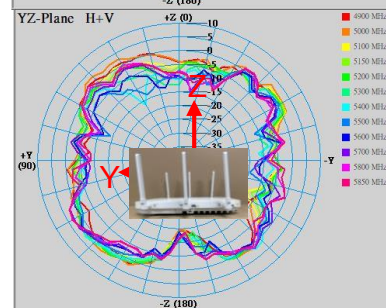
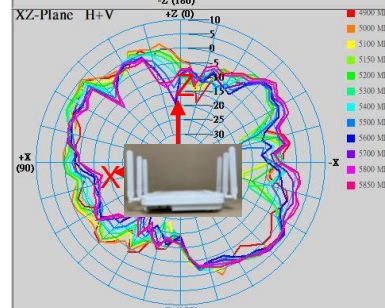
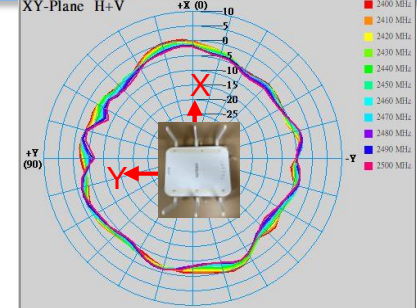
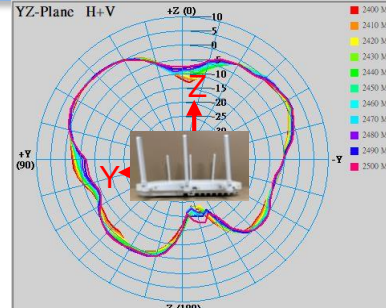
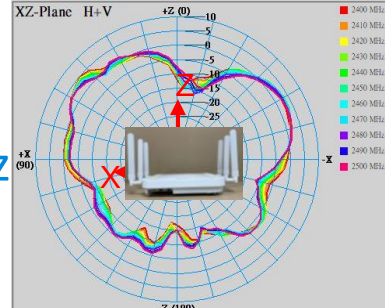
5.5GHz



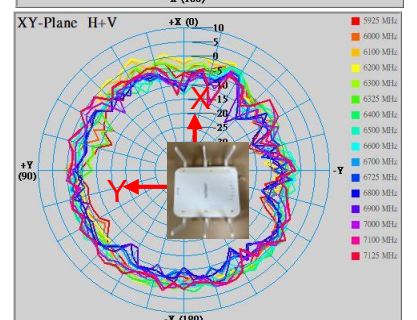
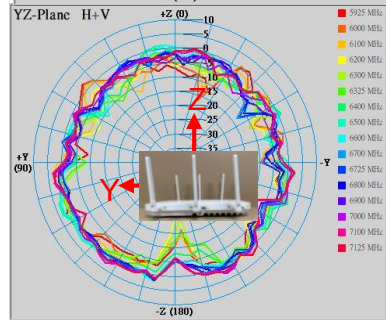
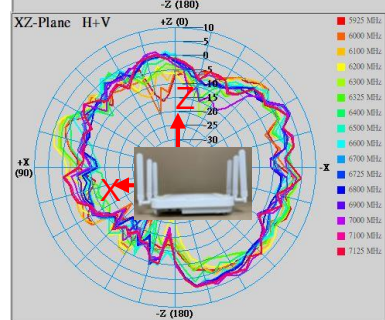
6.5GHz



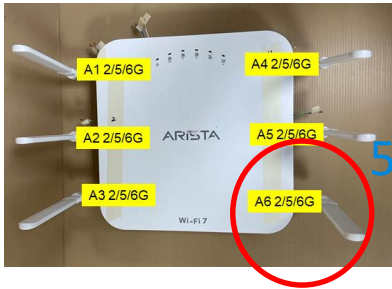
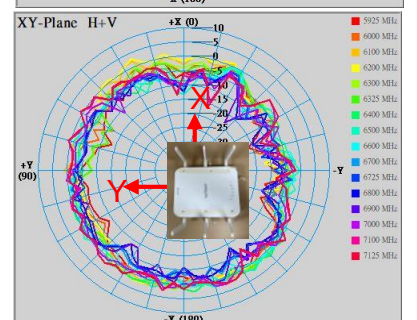
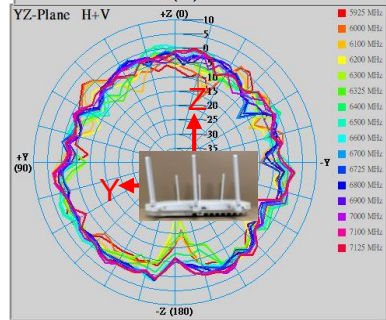
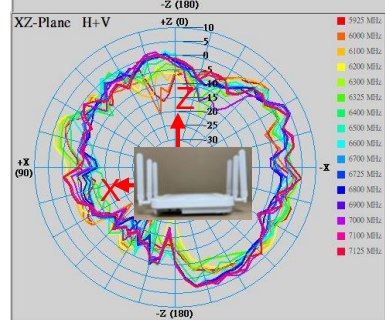
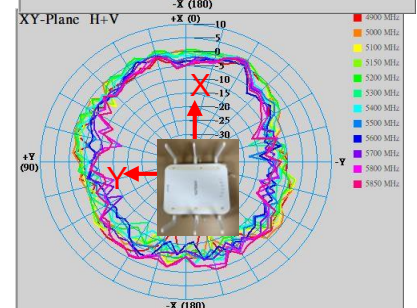
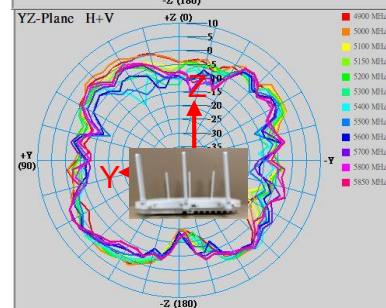
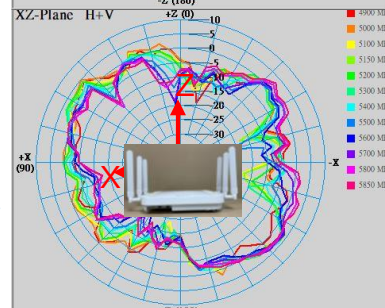
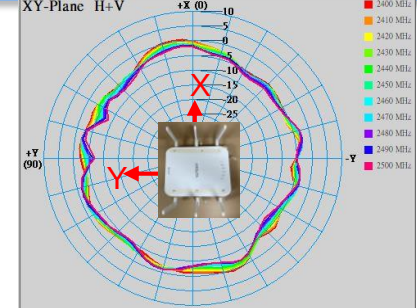
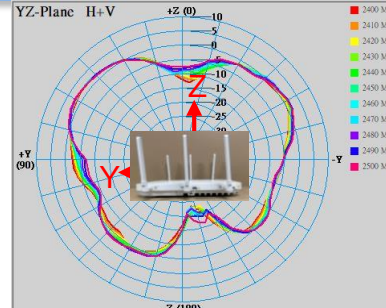
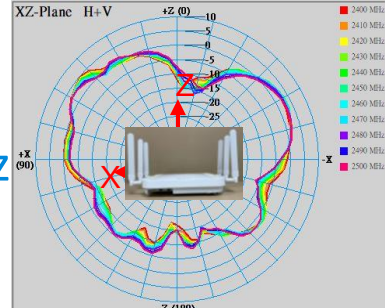
2.45GHz



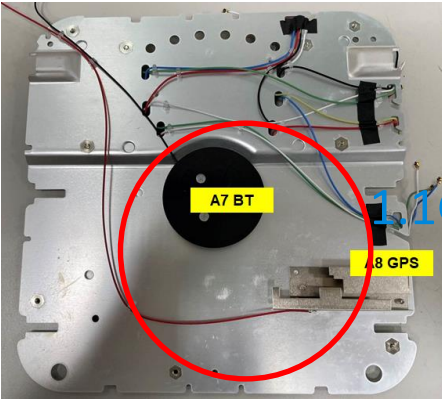
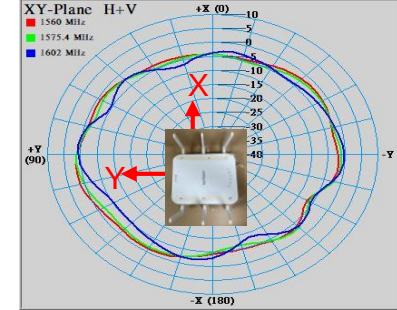
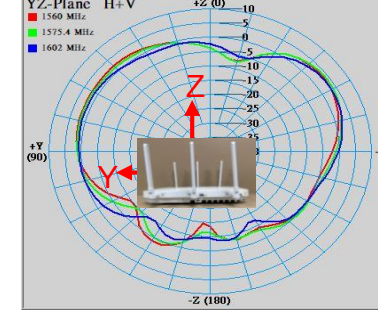
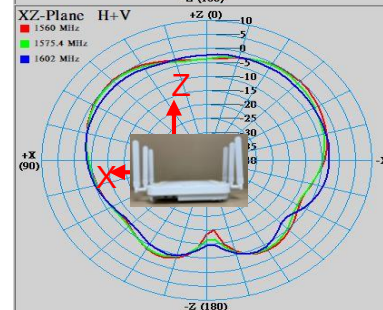
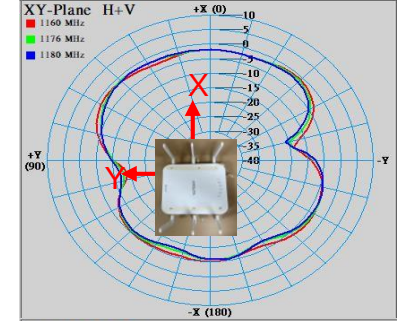
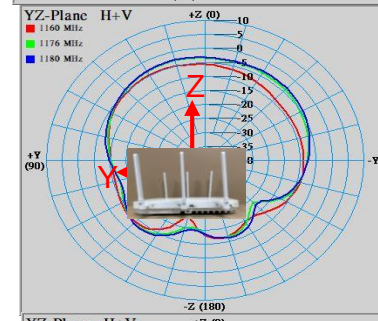
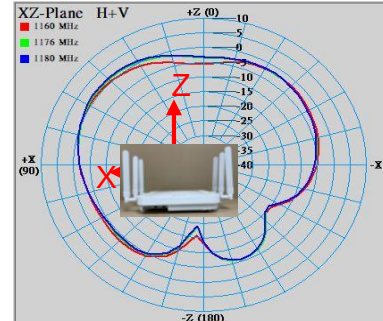
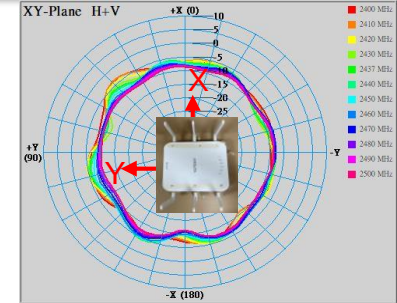
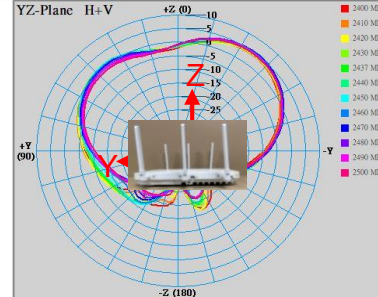
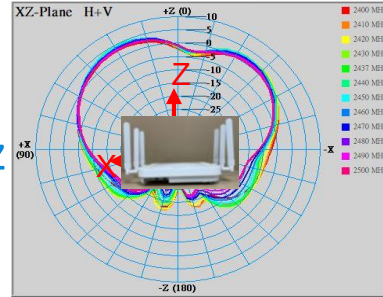
5.5GHz



6.5GHz



2.45GHz



1.1GHz

1.5GHz

	A1			A2			A3			A4			A5			A6			BT	GPS
Band	2GHz	5GHz	6GHz	2GHz	5GHz	6GHz	2GHz	5GHz	6GHz	2GHz	5GHz	6GHz	2GHz	5GHz	6GHz	2GHz	5GHz	6GHz	2GHz	1.1~1.57GHz
Peak Gain	4.9	6.1	5.1	5.7	6.9	5.1	4	6	5.1	5.1	6.9	5.3	6.3	5.9	5.3	4	5	5.3	5.5	2~4.5
Efficiency	69	75	65	69	72	70	65	65	69	71	71	65	71	73	79	65	65	69	66	45~64

- We did the antenna test with EVT sample.
- The GPS antenna efficiency is 45~64% and peak gain is 2~4.5dBi
- WiFi antennas can meet the gain/efficiency spec. (65% efficiency and 4dB gain at 2GHz, 5dB gain at 5GHz, 6dB at 6GHz)
- All antennas can meet the isolation spec. (20dB at 2GHz and 30dB at 5/6GHz)