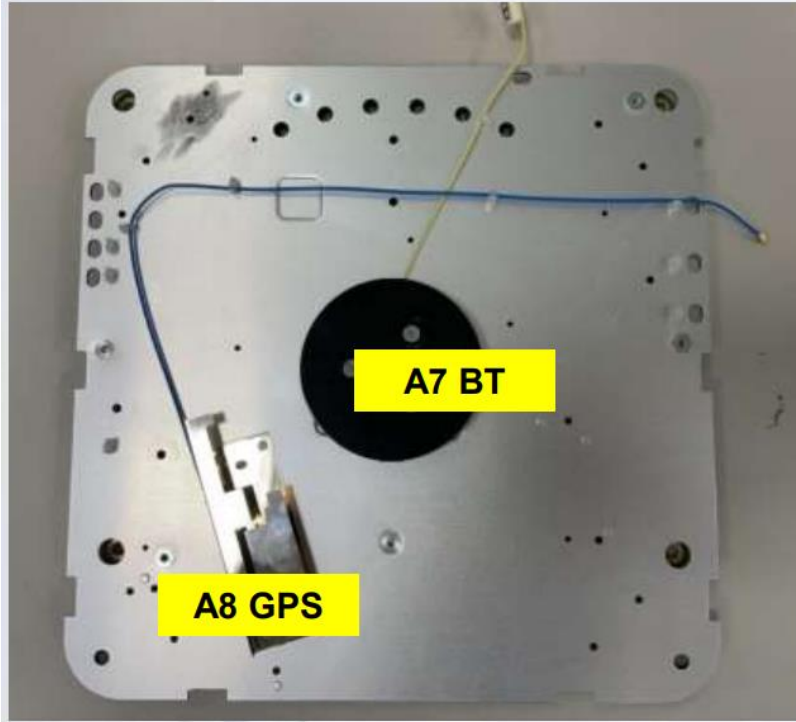


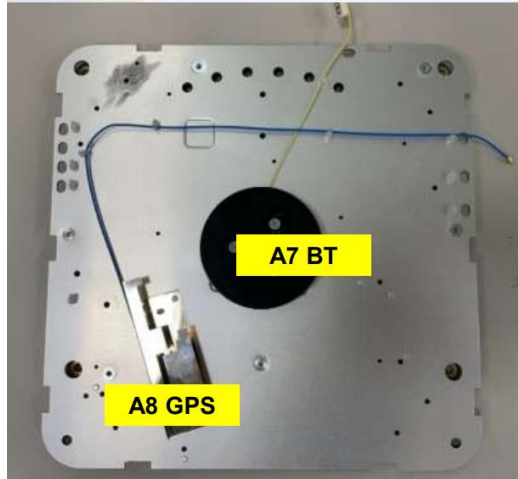


C430E DVT Antenna Test Report

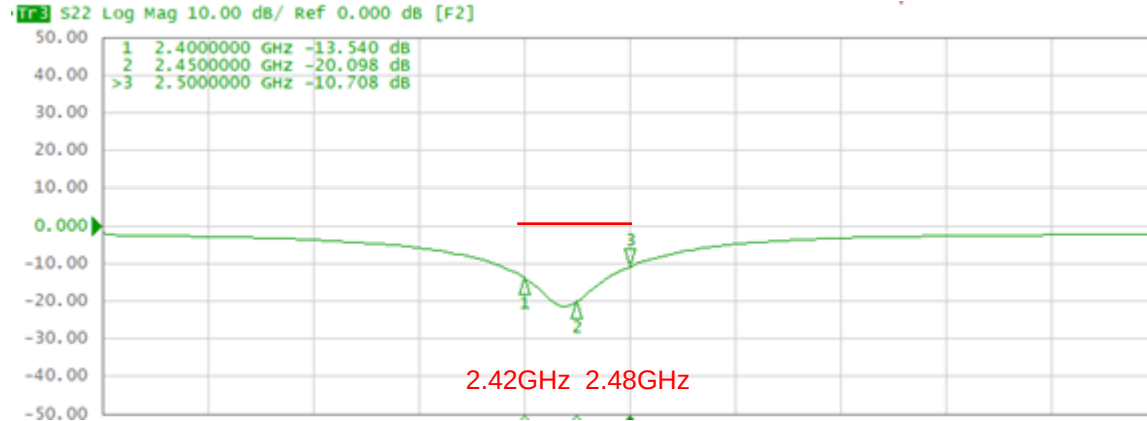
1. Supplier: WHAYU,
2. Address: No. 326, Sec. 2, Gongdao 5th Rd., East Dist., Hsinchu City 300
3. Model/ Antenna type :
 - WHAYU/C393-510225-A(A1~A6)/Dipole (A1~A6)
 - WHAYU/C393-510335-A(A7~A8)/Dipole (A7) PIFA (A8)



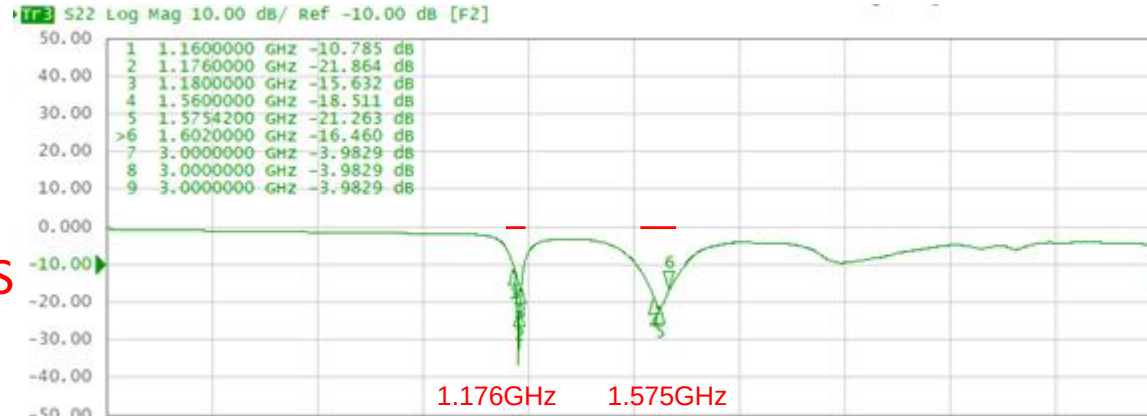
Antenna Return Loss _ Ant BT & GPS



BT



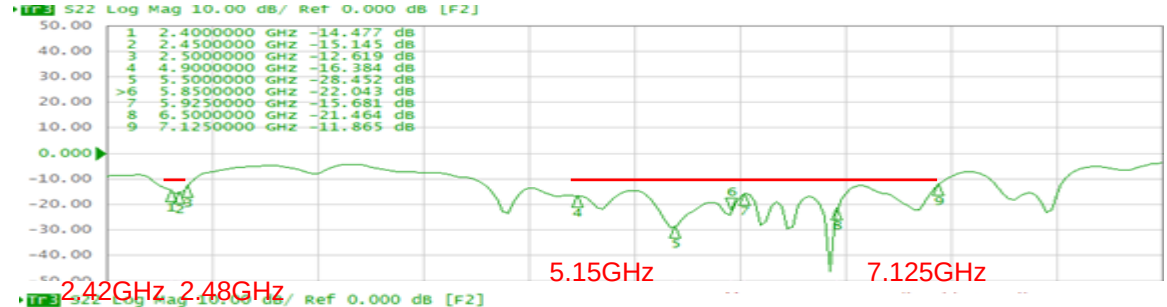
GPS



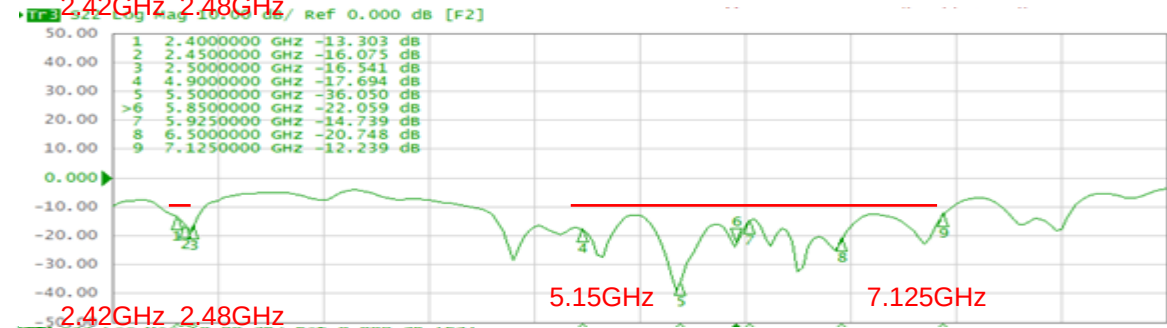
Antenna Return Loss _ Ant 1,2&3



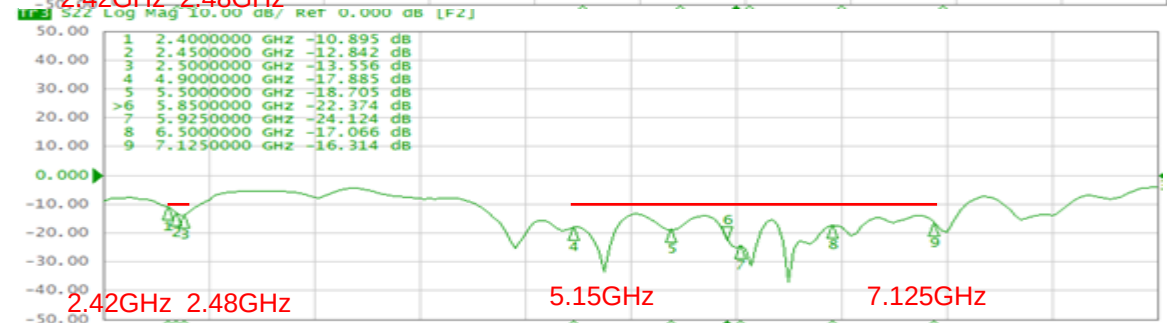
A1



A2



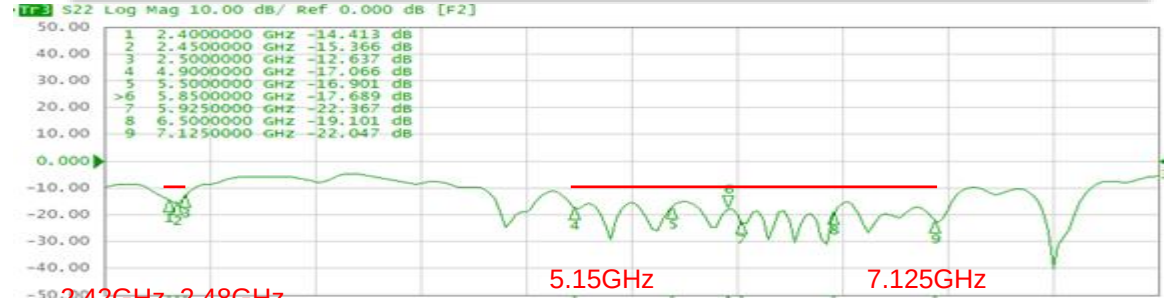
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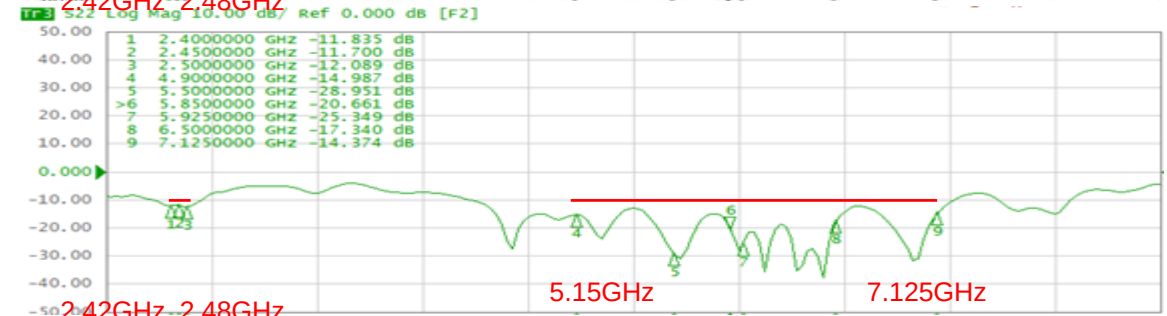
Antenna Return Loss _ Ant 4,5&6



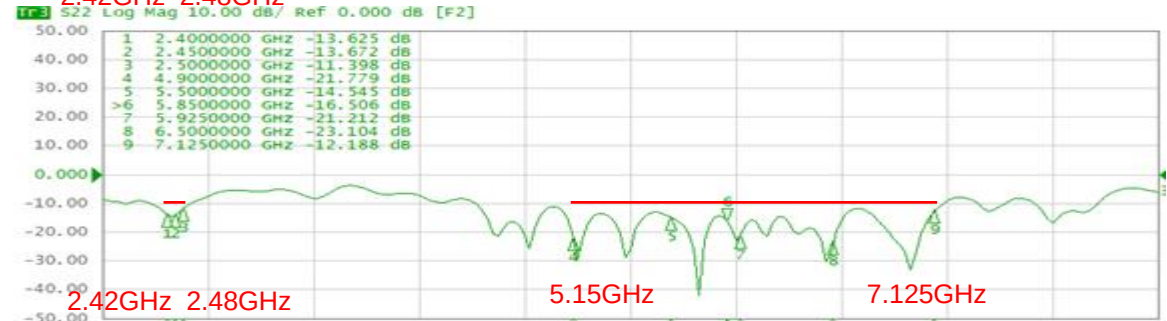
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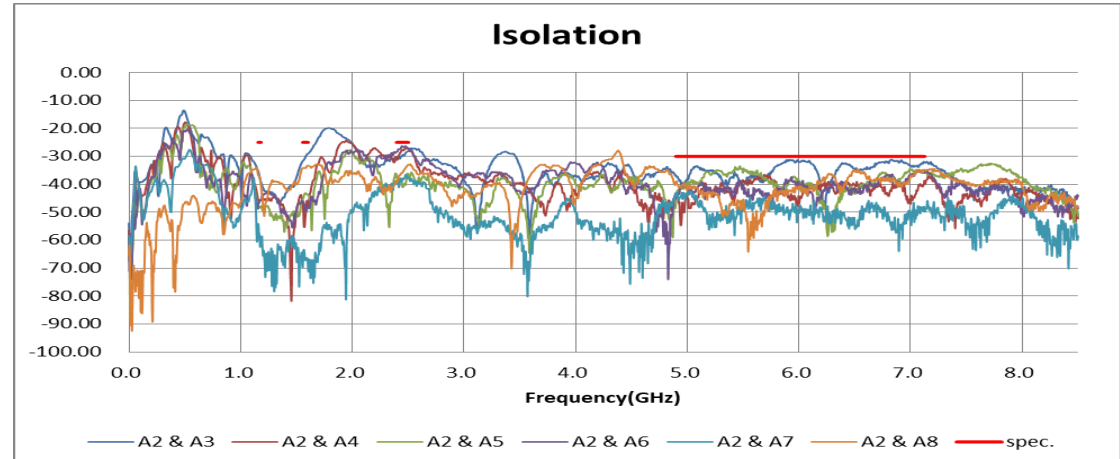
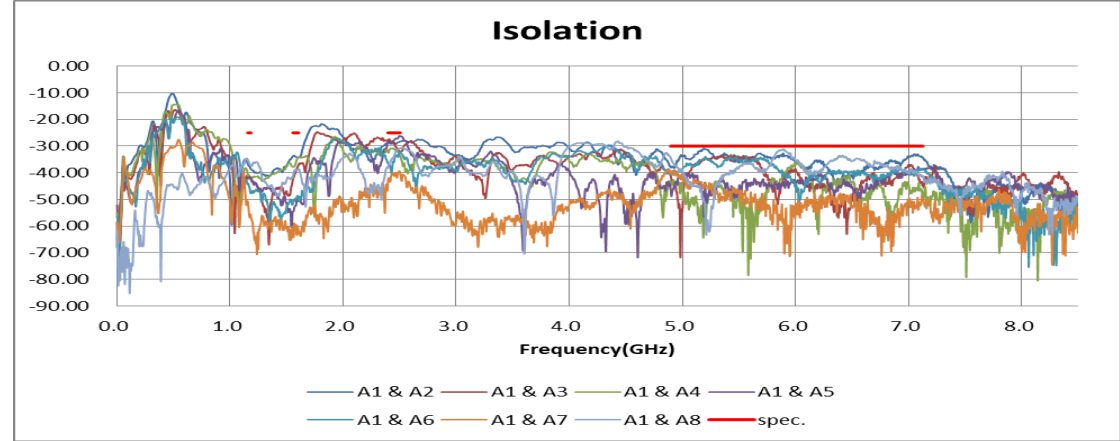
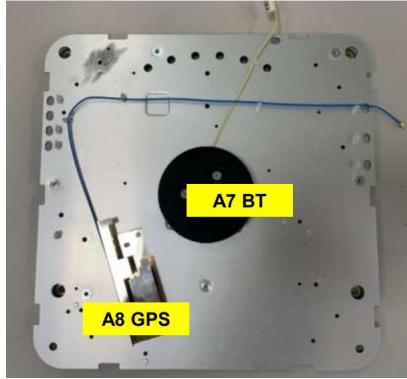


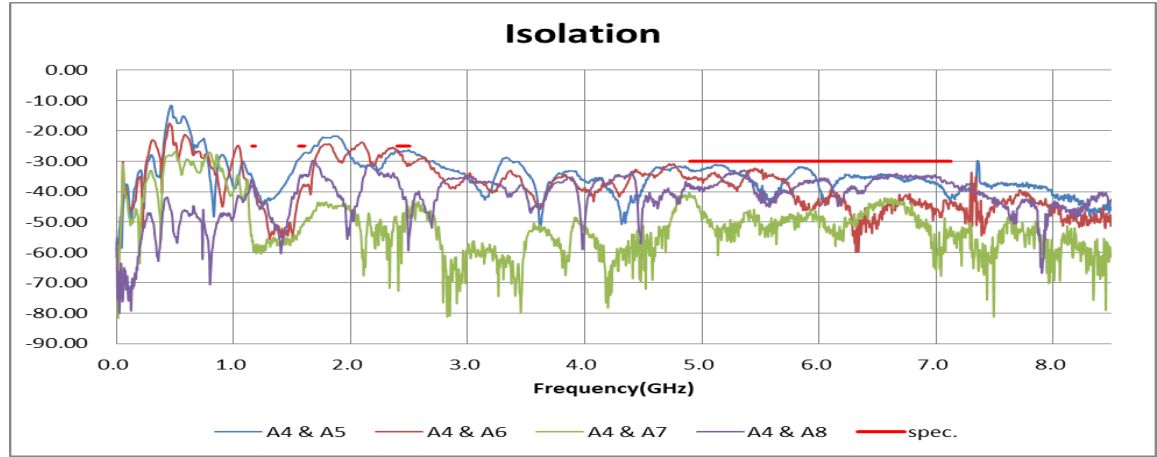
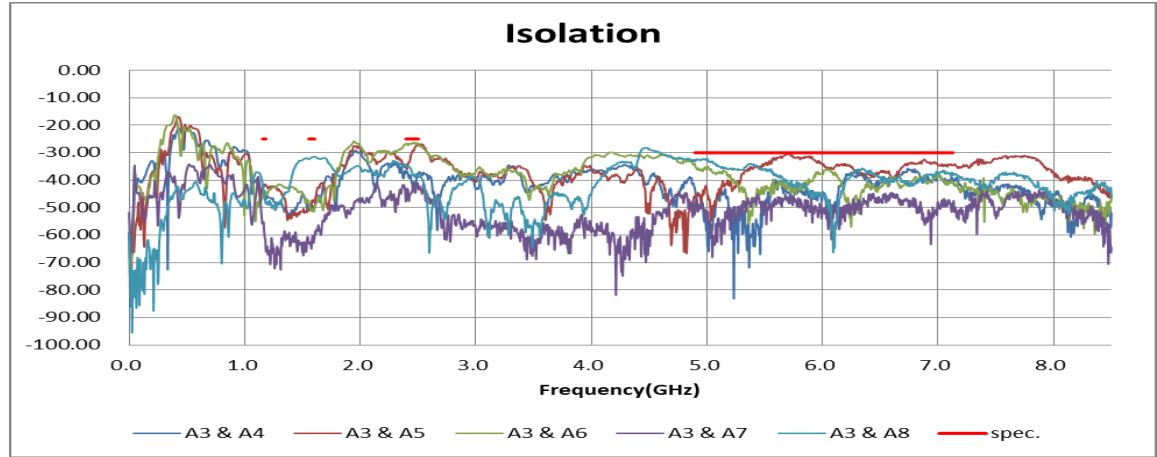
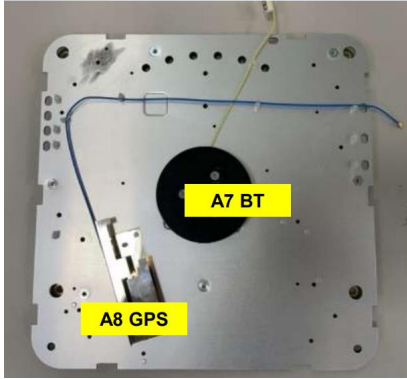
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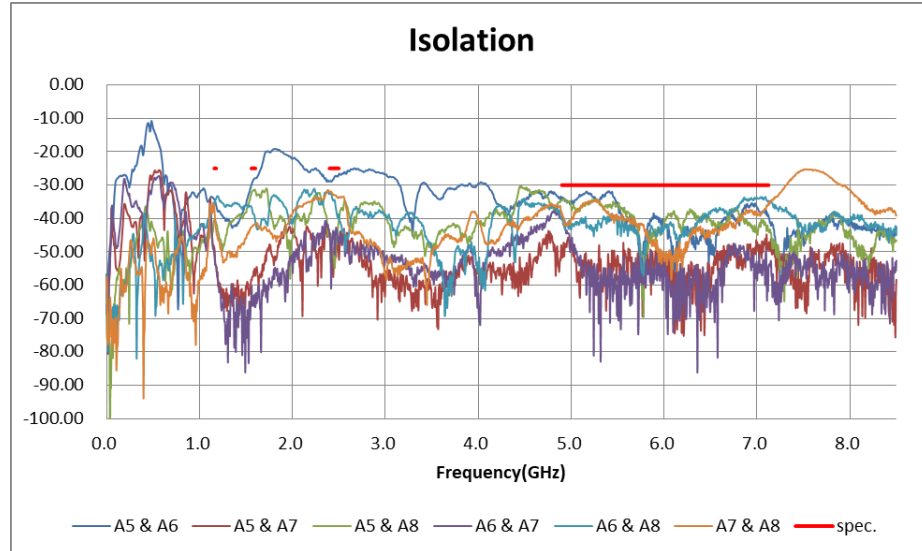
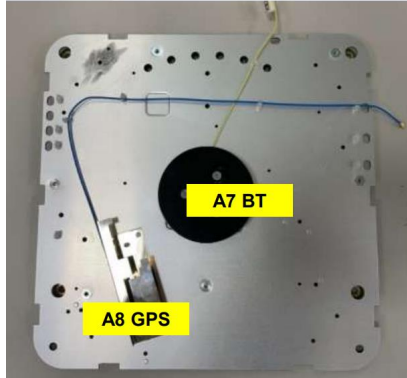


A6

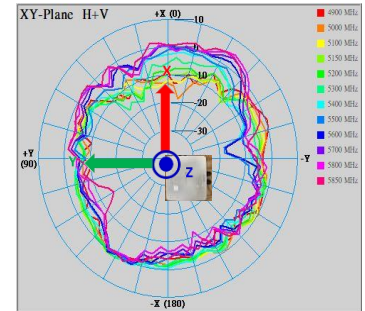
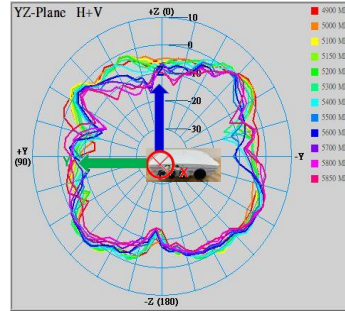
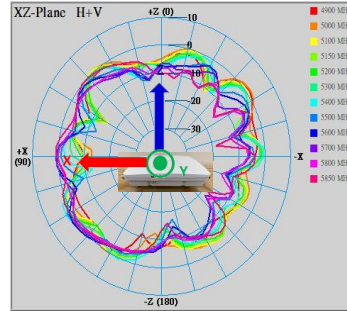
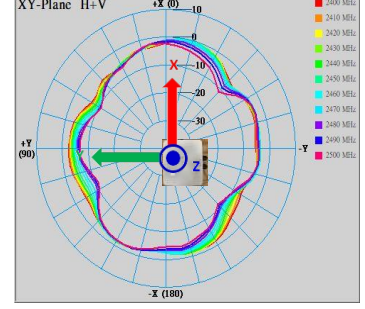
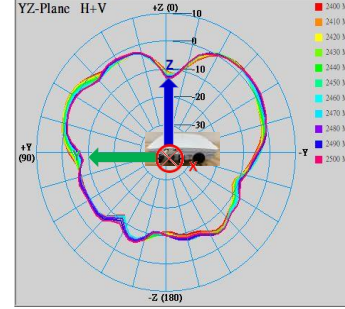
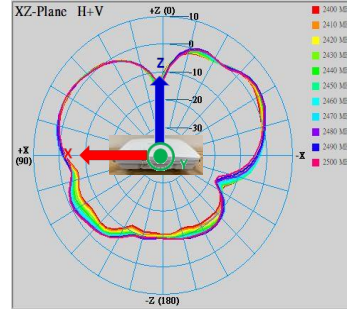




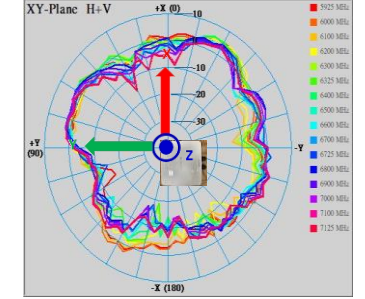
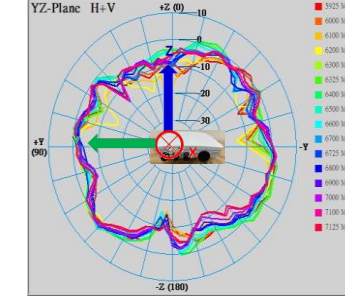
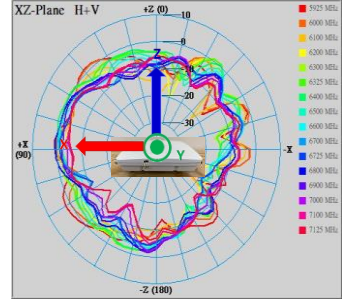




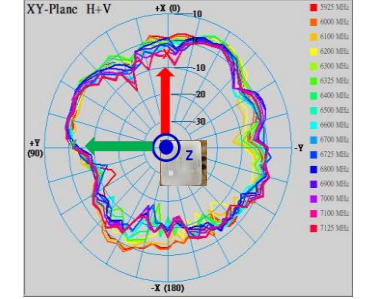
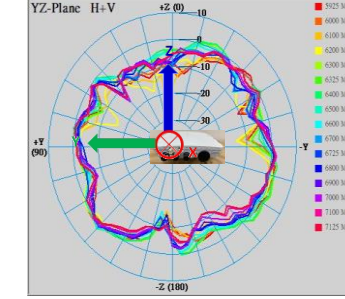
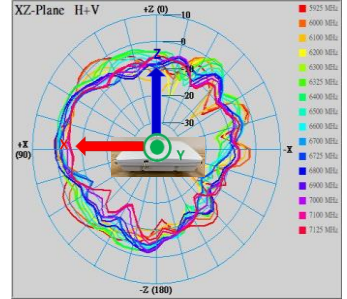
2.45G



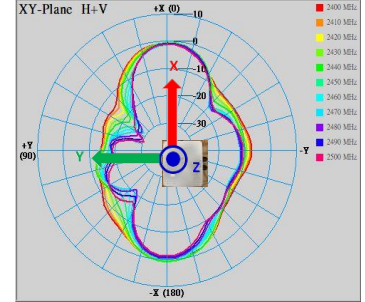
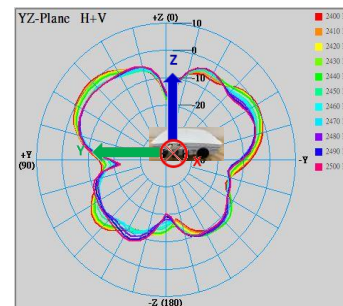
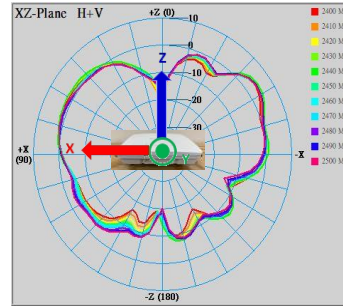
5.5G



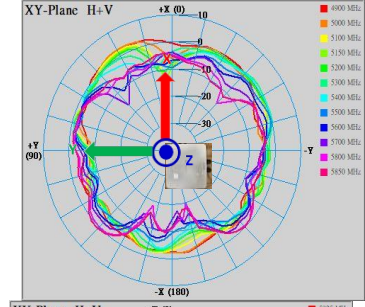
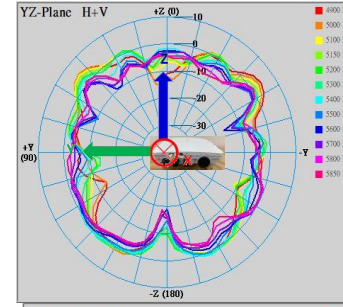
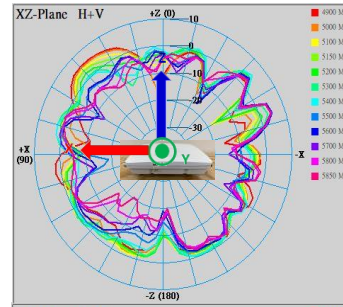
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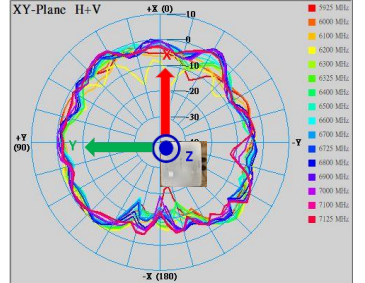
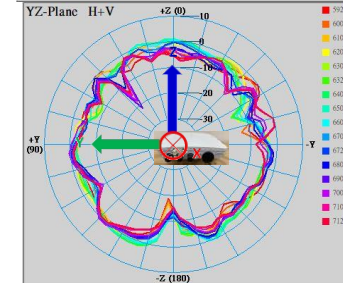
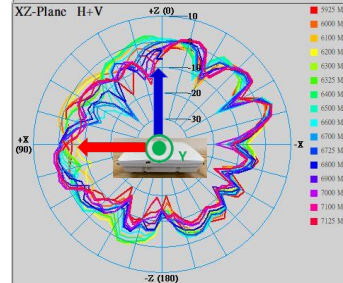
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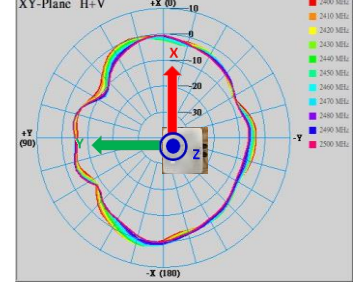
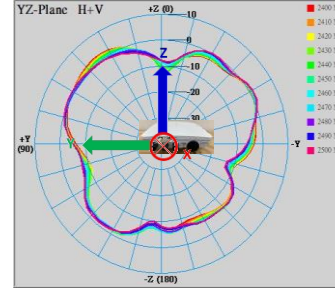
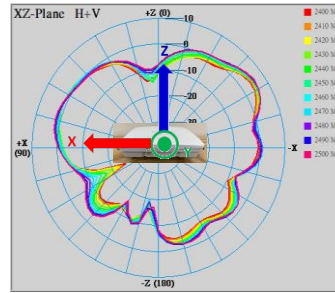
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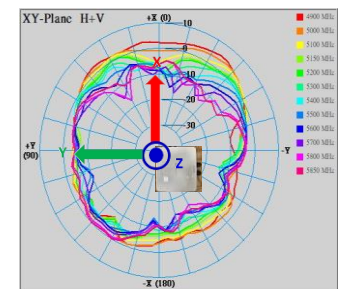
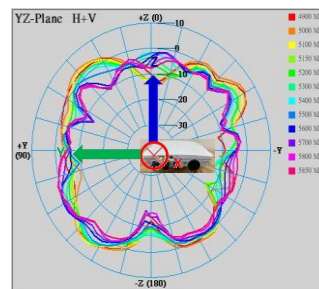
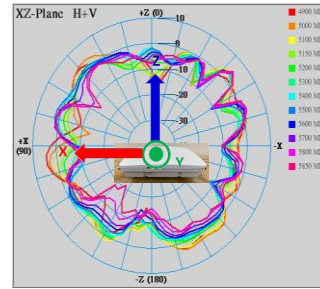
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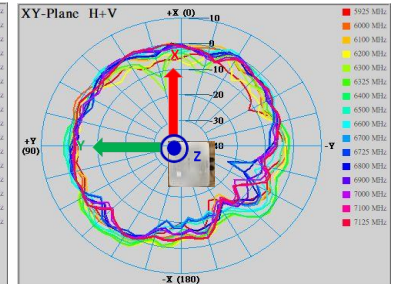
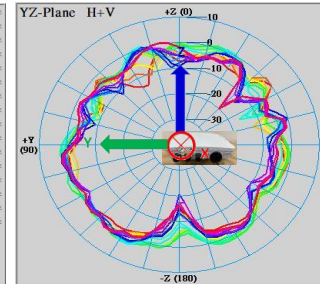
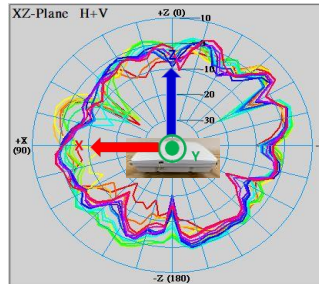
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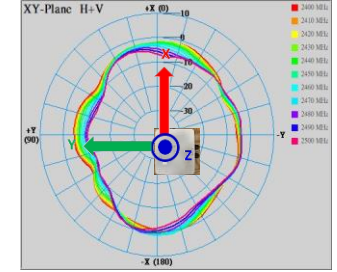
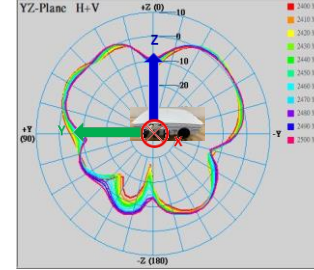
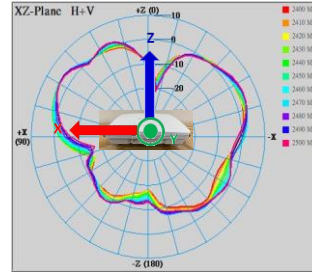
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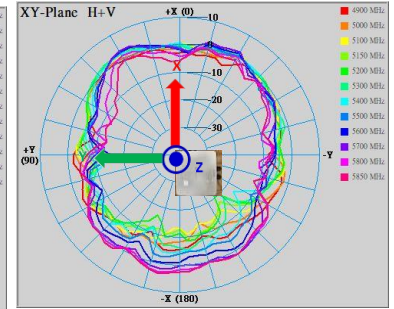
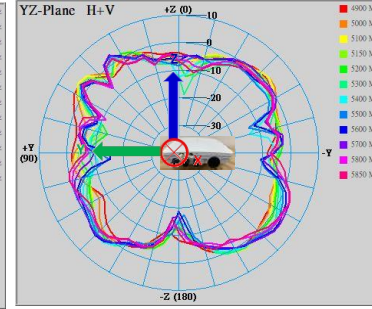
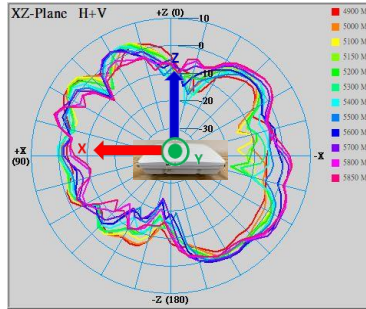
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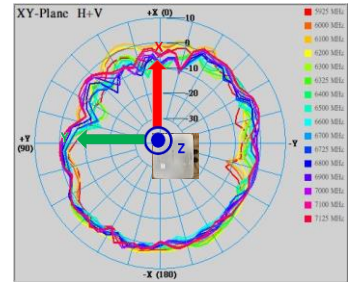
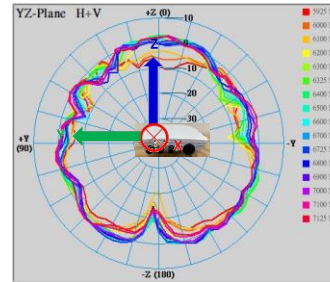
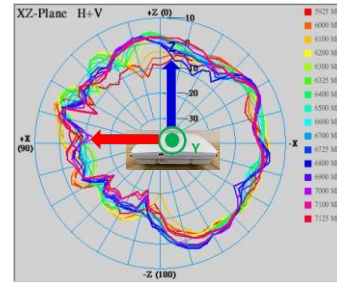
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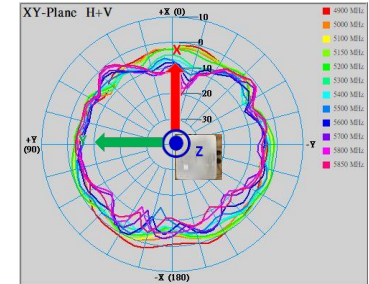
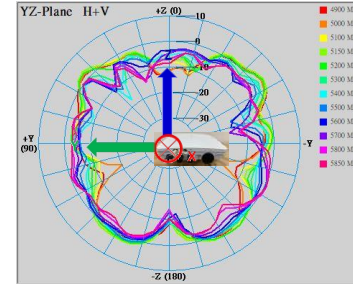
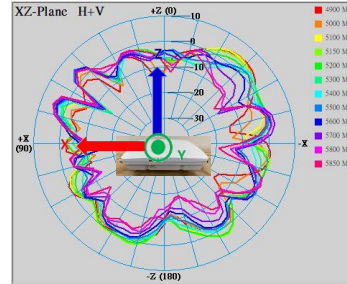
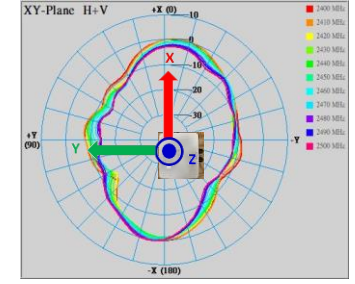
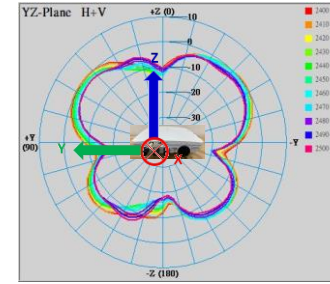
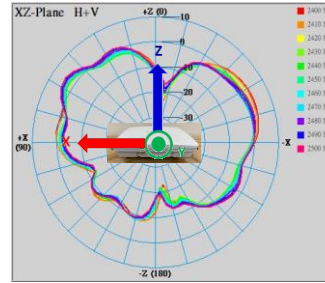
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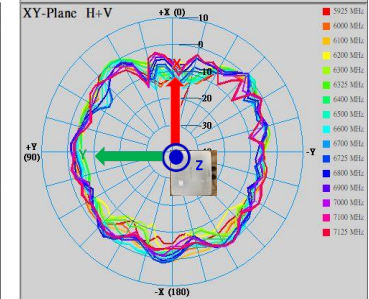
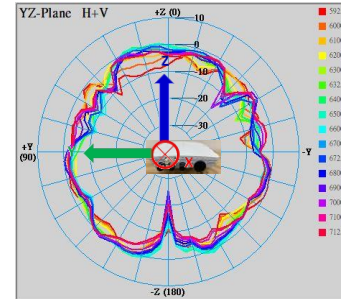
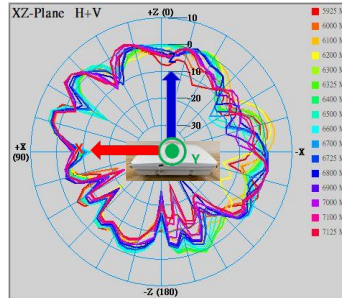
6.5G



2.45G



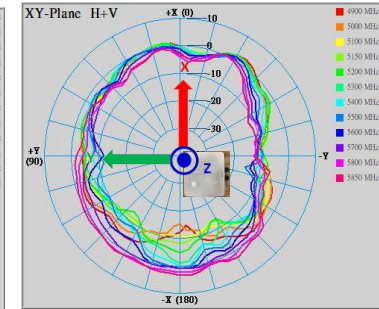
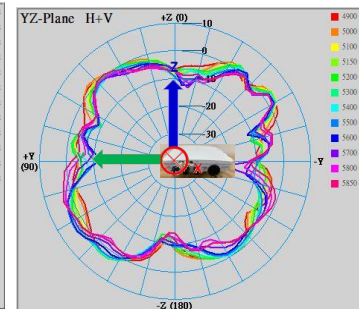
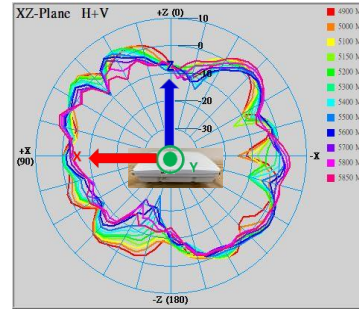
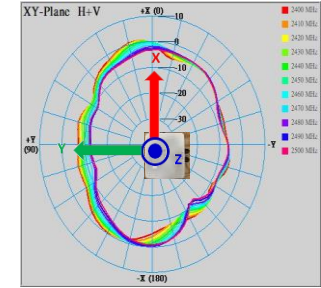
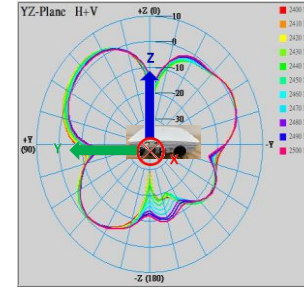
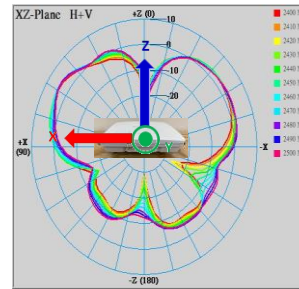
5.5G



6.5G



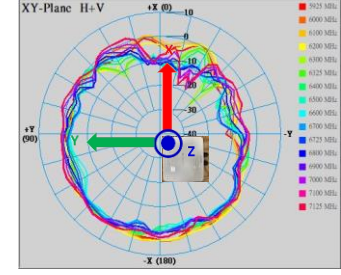
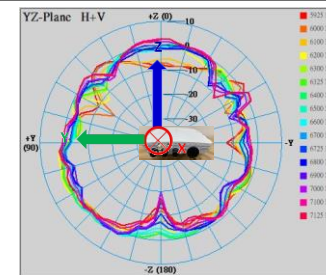
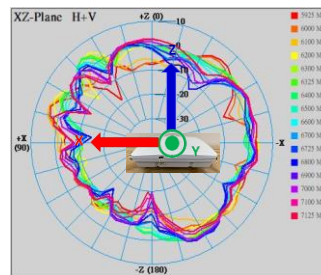
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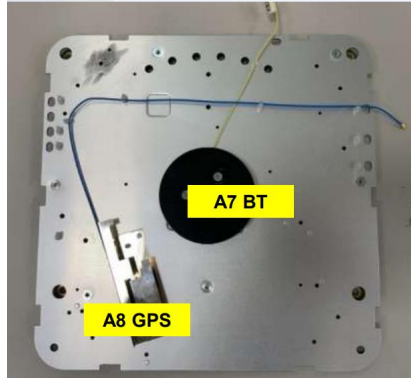
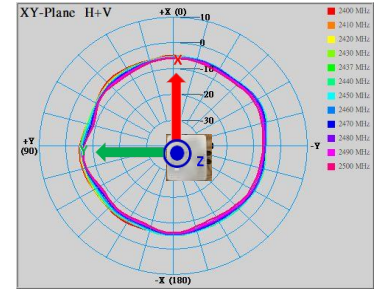
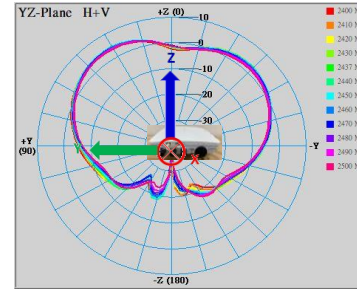
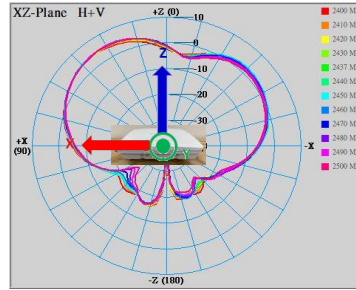
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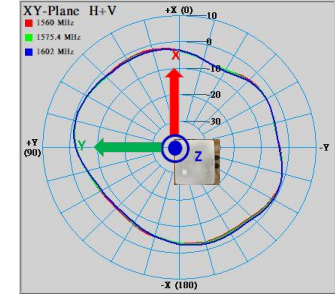
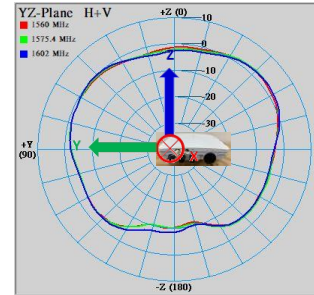
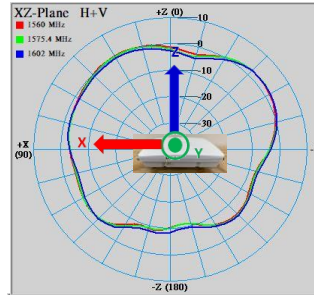
6.5G



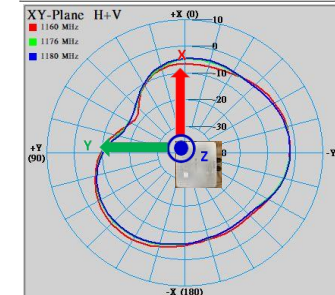
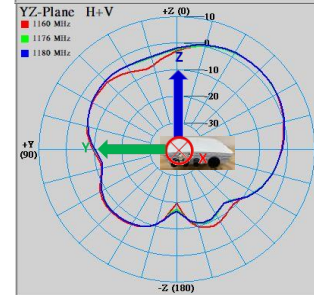
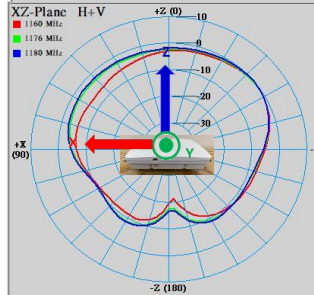
BT



L1



L5



	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	6	5.3	5.1	5	5.8	6.3	6	5.4	5.2	5.5	5.5	5.4	4.7	6.7	6	5.4	5.6	5.5	5.6	2.3~3.4
Efficiency	70	67	68	67	71	68	68	70	69	72	73	70	68	70	70	69	71	69	72	40~64

- We did the test with DVT sample.
- The GPS antenna efficiency is 40~64% and peak gain is 2.3~3.4dBi
- WiFi antennas can meet the gain/efficiency spec. (65% efficiency and 4dB gain at 2GHz, 5dB gain at 5GHz, 5dB at 6GHz)
- All antennas can meet the isolation spec. (20dB at 2GHz and 30dB at 5/6GHz)