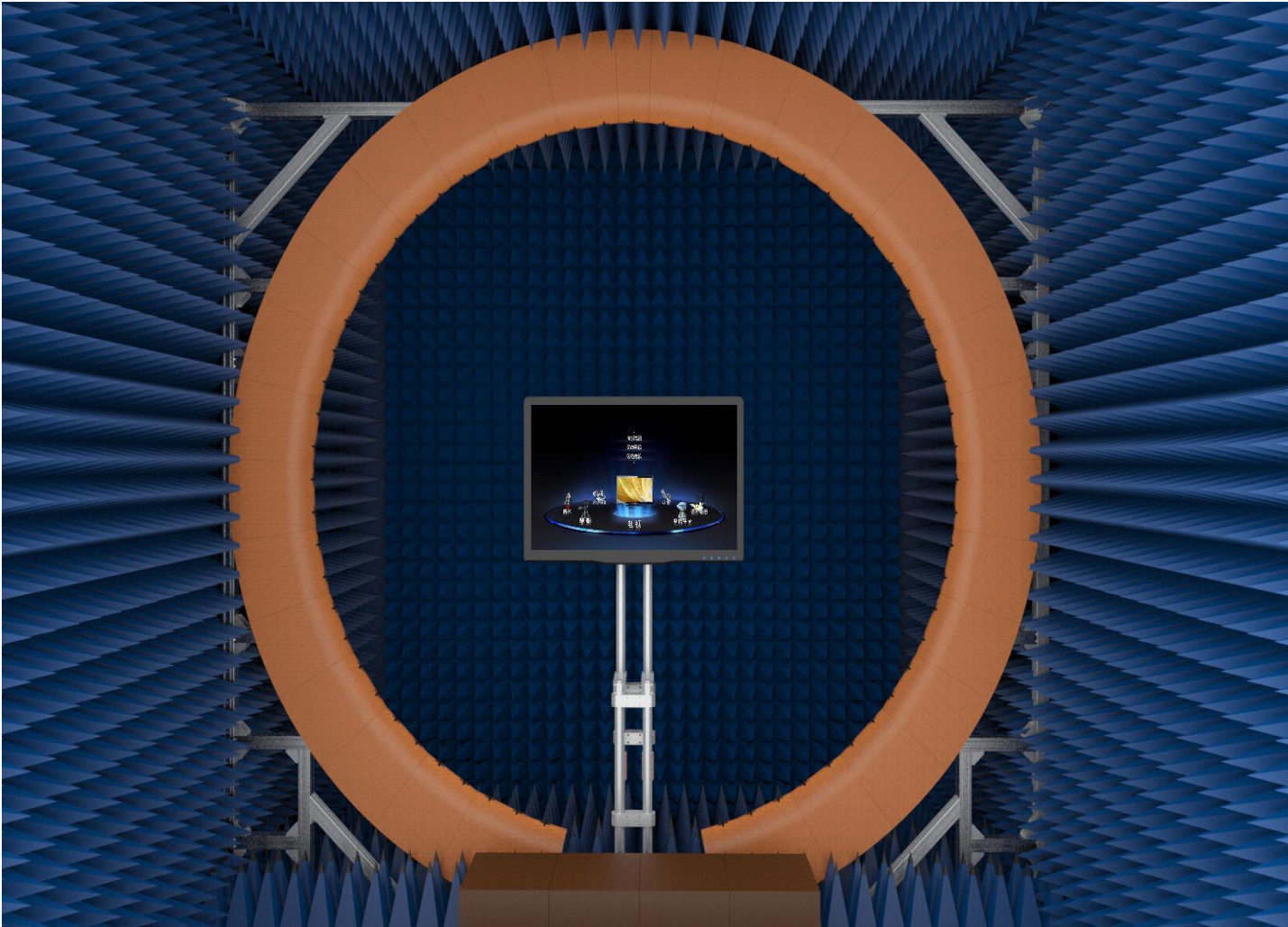


Antenna Test Report

Manufacturer: 70mai

Model: DR2860

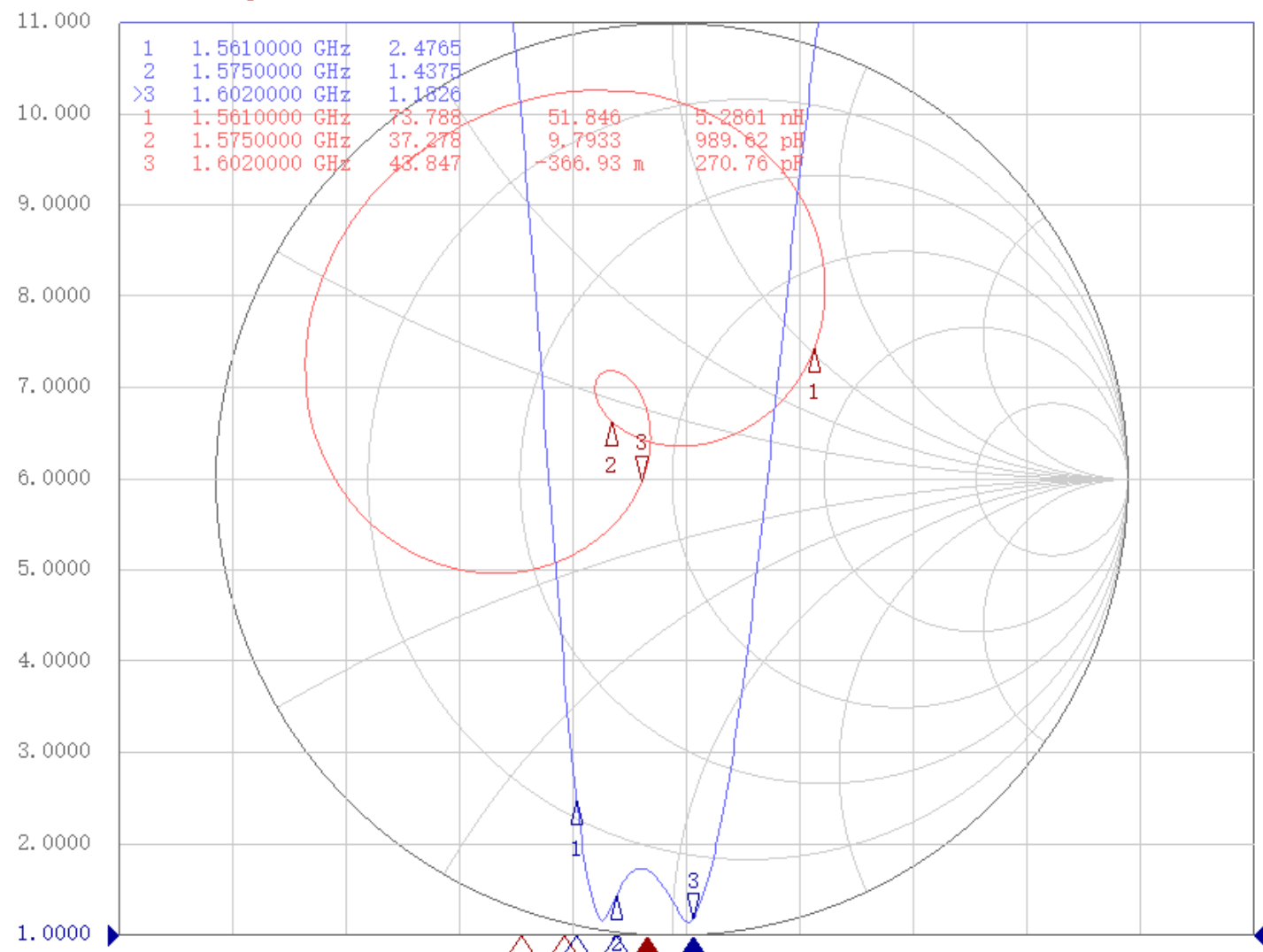
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	QTY
Equipment Name	
OTA Laboratory	10
5G Comprehensive Tester (SP9500-CTS)	3
R&S Comprehensive Tester (High-end CMW500)	7
Nihon Avitronics Comprehensive Tester (Dual-channel 8820)	4
NB-IoT Comprehensive Tester (SP8315)	3
Agilent Comprehensive Tester (8960)	9
Agilent Network Analyzer (E5062A)	7
Agilent Network Analyzer (E5071C 8.5GHz)	11
Agilent Network Analyzer (E5071B 8.5GHz)	10
R&S Network Analyzer (ZND)	10
R&S Network Analyzer (ZVB)	3
OTA Head/Ear/ Cochlea/Arm	5
GPS/WIFI Active Test Equipment	5



Tr1 S11 SWR 1.000/ Ref 1.000 [F1 M]
Tr2 S11 Smith (R + jX) Scale 1.000U [F1 M]

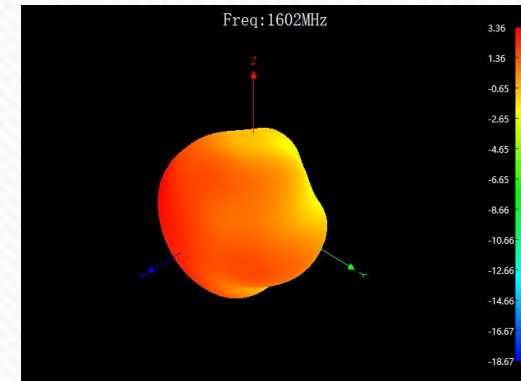
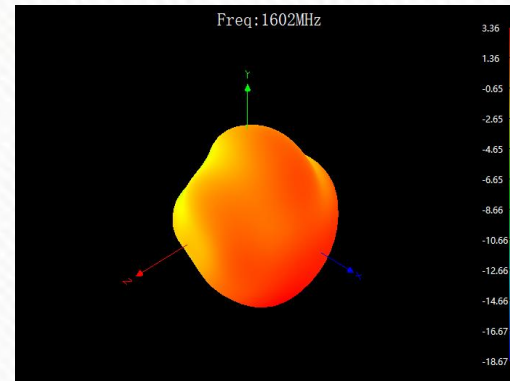
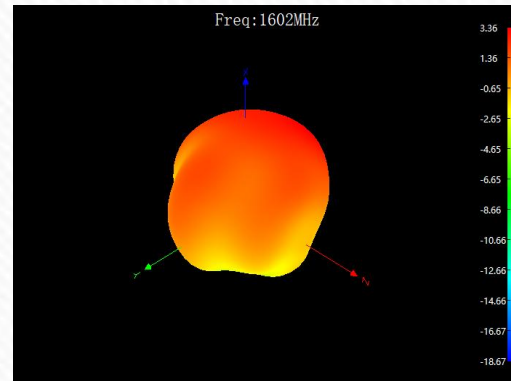
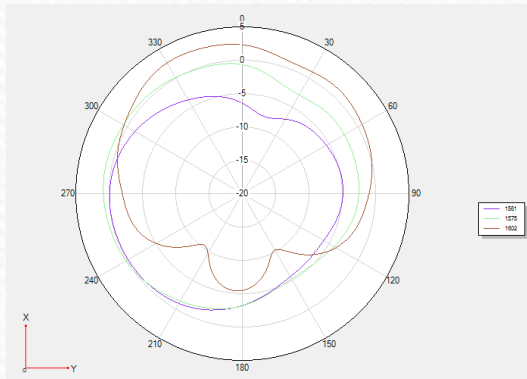
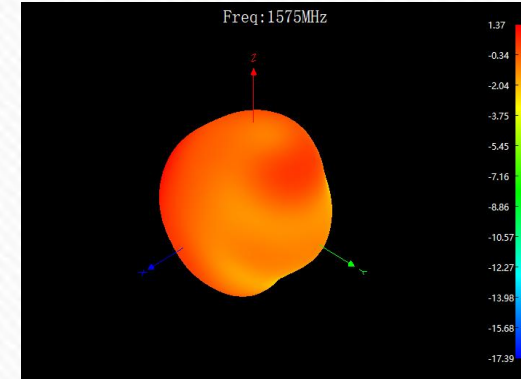
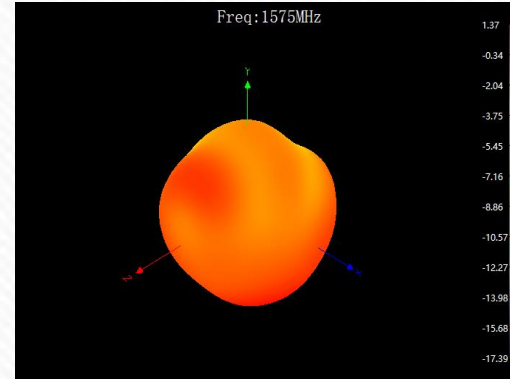
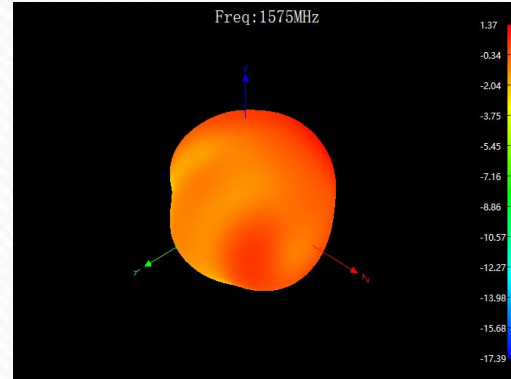
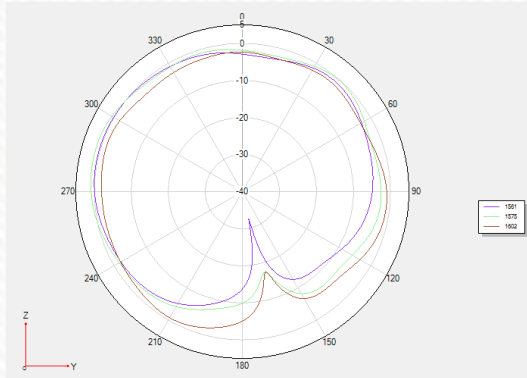
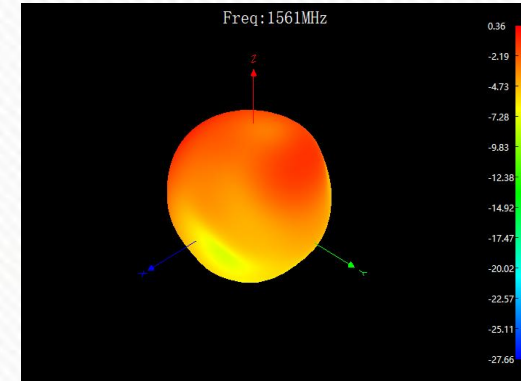
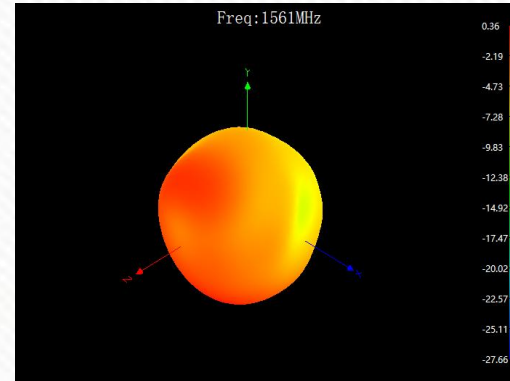
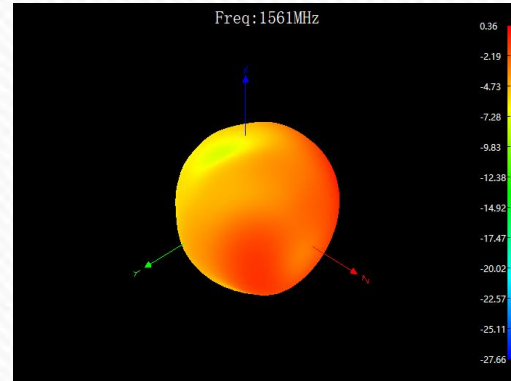
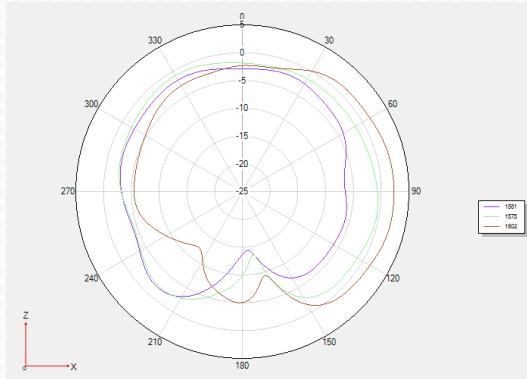


3 Start 1.4 GHz IFEW 10 kHz Points 801 Power 0 dBm Stop 1.8 GHz PExt C? !

Passive efficiency of GPS antenna

Frequency /MHz	Efficiency / dB	Efficiency / %	MaxGain /dBi	Frequency /MHz	Efficiency / dB	Efficiency / %	MaxGain /dBi
1550	-7.4	18.2	-2.73	1580	-2.41	57.41	1.44
1551	-7.05	19.72	-2.37	1581	-2.43	57.15	1.48
1552	-6.71	21.33	-2.1	1582	-2.44	57.02	1.54
1553	-6.38	23.01	-1.86	1583	-2.45	56.89	1.64
1554	-6.06	24.77	-1.65	1584	-2.47	56.62	1.78
1555	-5.73	26.73	-1.46	1585	-2.5	56.23	1.92
1556	-5.35	29.17	-1.09	1586	-2.5	56.23	2.05
1557	-4.98	31.77	-0.77	1587	-2.51	56.1	2.17
1558	-4.63	34.43	-0.44	1588	-2.55	55.59	2.28
1559	-4.33	36.9	-0.11	1589	-2.58	55.21	2.37
1560	-4.06	39.26	0.16	1590	-2.62	54.7	2.44
1561	-3.81	41.59	0.36	1591	-2.63	54.58	2.53
1562	-3.57	43.95	0.61	1592	-2.63	54.58	2.6
1563	-3.34	46.34	0.8	1593	-2.6	54.95	2.66
1564	-3.1	48.98	0.95	1594	-2.54	55.72	2.71
1565	-2.87	51.64	1.07	1595	-2.45	56.89	2.78
1566	-2.7	53.7	1.17	1596	-2.43	57.15	2.85
1567	-2.55	55.59	1.34	1597	-2.4	57.54	2.94
1568	-2.44	57.02	1.4	1598	-2.38	57.81	3.04
1569	-2.37	57.94	1.45	1599	-2.39	57.68	3.16
1570	-2.33	58.48	1.47	1600	-2.43	57.15	3.27
1571	-2.28	59.16	1.51	1601	-2.42	57.28	3.32
1572	-2.26	59.43	1.53	1602	-2.44	57.02	3.36
1573	-2.27	59.29	1.53	1603	-2.49	56.36	3.34
1574	-2.3	58.88	1.53	1604	-2.56	55.46	3.28
1575	-2.36	58.08	1.37	1605	-2.65	54.33	3.2
1576	-2.41	57.41	1.34	1606	-2.74	53.21	3.03
1577	-2.46	56.75	1.27	1607	-2.84	52	3
1578	-2.48	56.49	1.23	1608	-2.96	50.58	2.9
1579	-2.46	56.75	1.24	1609	-3.07	49.32	2.74
				1610	-3.18	48.08	2.62

Passive efficiency of GPS antenna



Itenest Network Analyzer

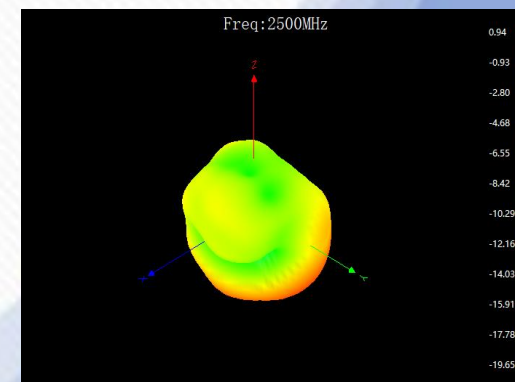
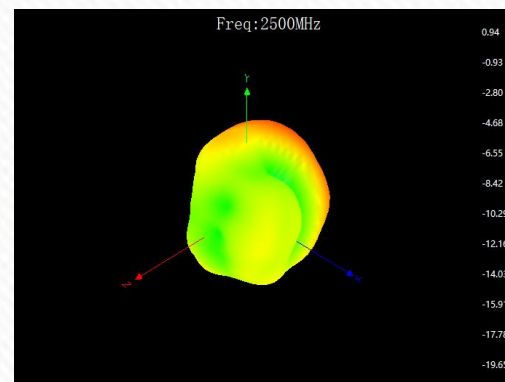
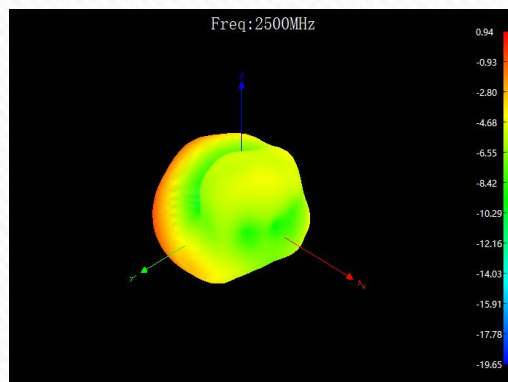
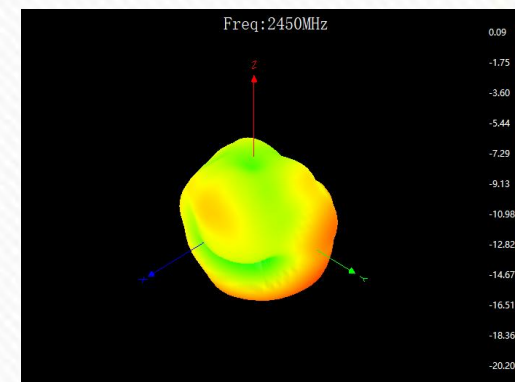
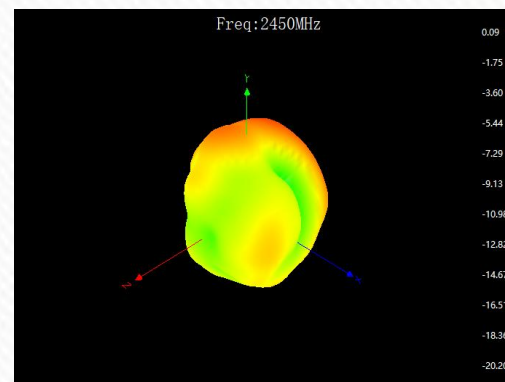
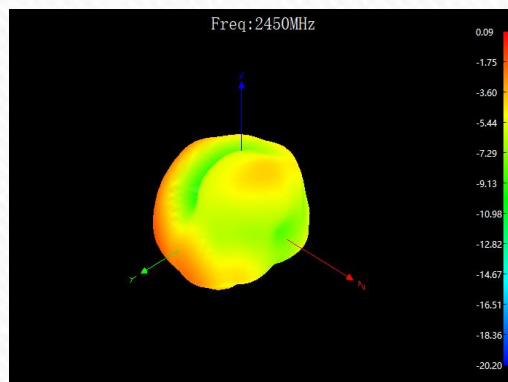
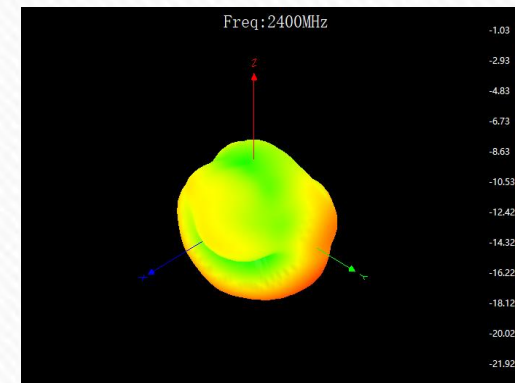
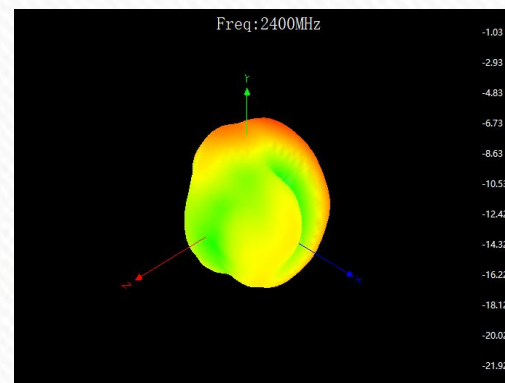
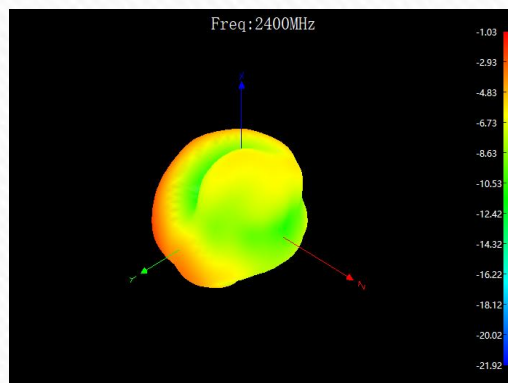
Active Ch/Trace Response Stimulus Mkr/Analysis Instr State Setting

Tr1 S22 SWR 1.000/ Ref 1.000 [F1 M]

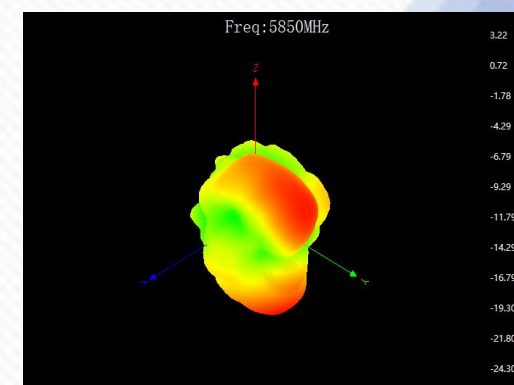
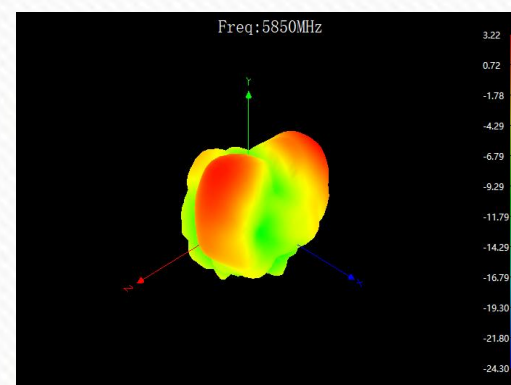
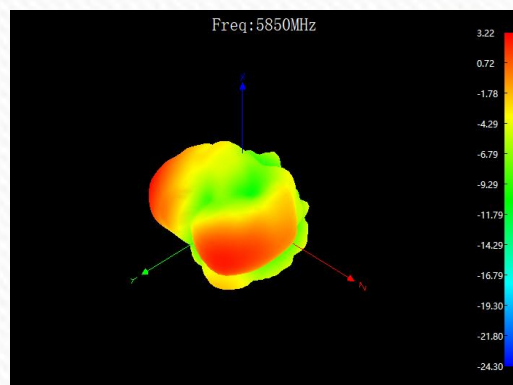
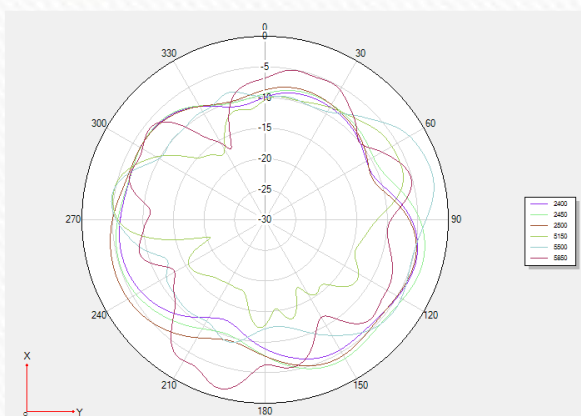
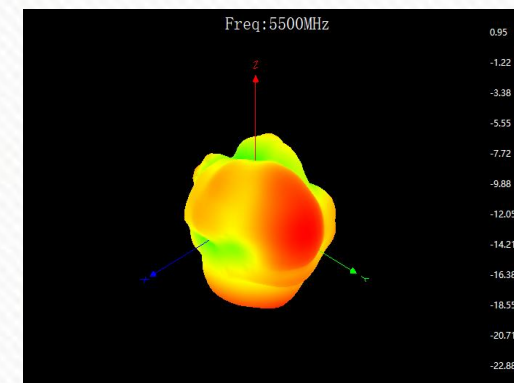
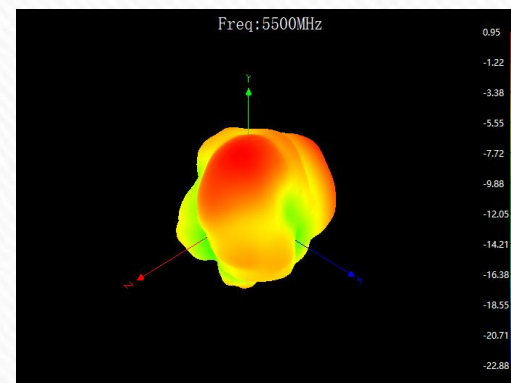
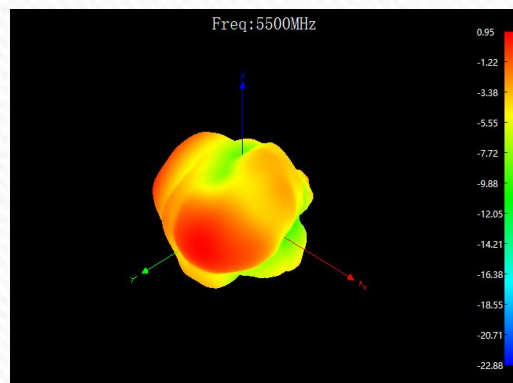
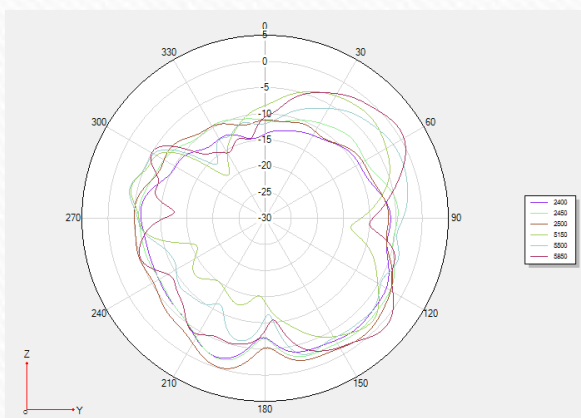
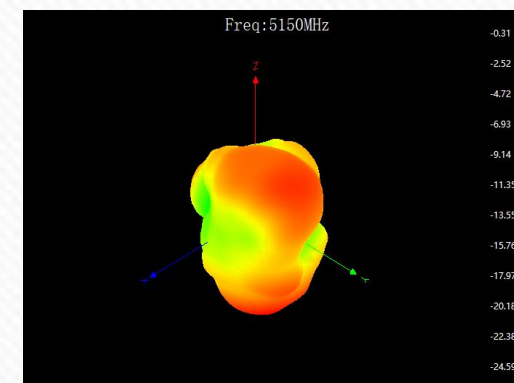
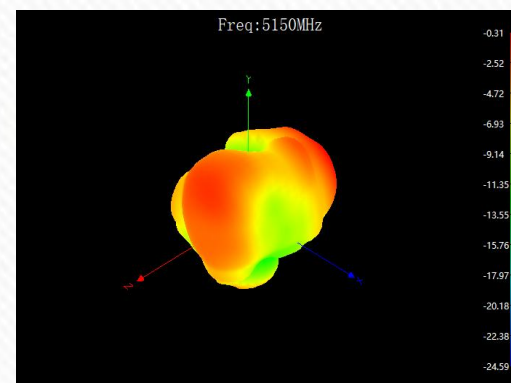
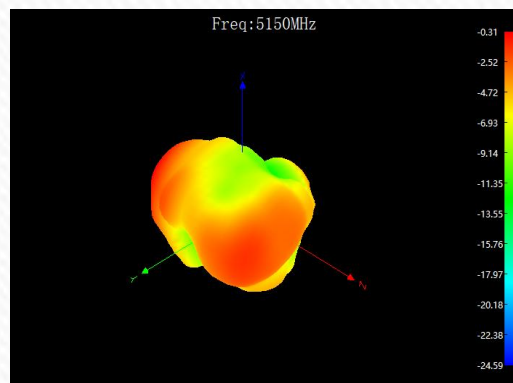
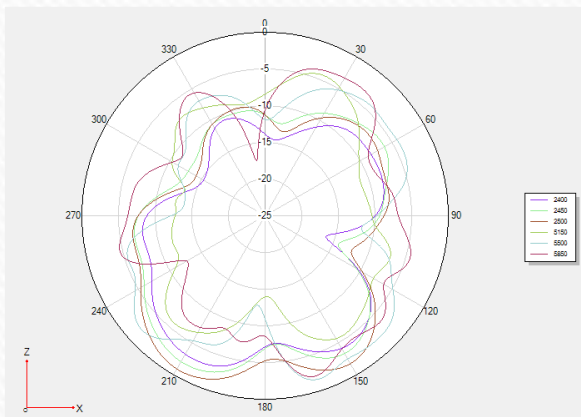


Passive efficiency of the BT(BLE)&WIFI antenna

Frequency /Mhz	Efficiency / dB	Efficiency / %	MaxGain /dBi
2400	-5.33	29.31	-1.03
2410	-5.45	28.51	-1.41
2420	-4.76	33.42	-0.28
2430	-4.98	31.77	-0.54
2440	-4.43	36.06	0.57
2450	-4.75	33.5	0.09
2460	-4.4	36.31	0.61
2470	-4.7	33.88	-0.24
2480	-4.39	36.39	0.49
2490	-4.63	34.43	-0.02
2500	-4.13	38.64	0.94
5150	-7.88	16.29	-0.31
5200	-7.95	16.03	-0.23
5250	-7.94	16.07	0.16
5300	-7.83	16.48	0.06
5350	-7.45	17.99	-0.27
5400	-6.71	21.33	0.3
5450	-6.23	23.82	-0.19
5500	-5.38	28.97	0.95
5550	-5.02	31.48	2.29
5600	-4.75	33.5	2.96
5650	-4.92	32.21	2.69
5700	-4.82	32.96	2.84
5750	-4.82	32.96	3.32
5800	-4.58	34.83	3.04
5850	-4.32	36.98	3.22

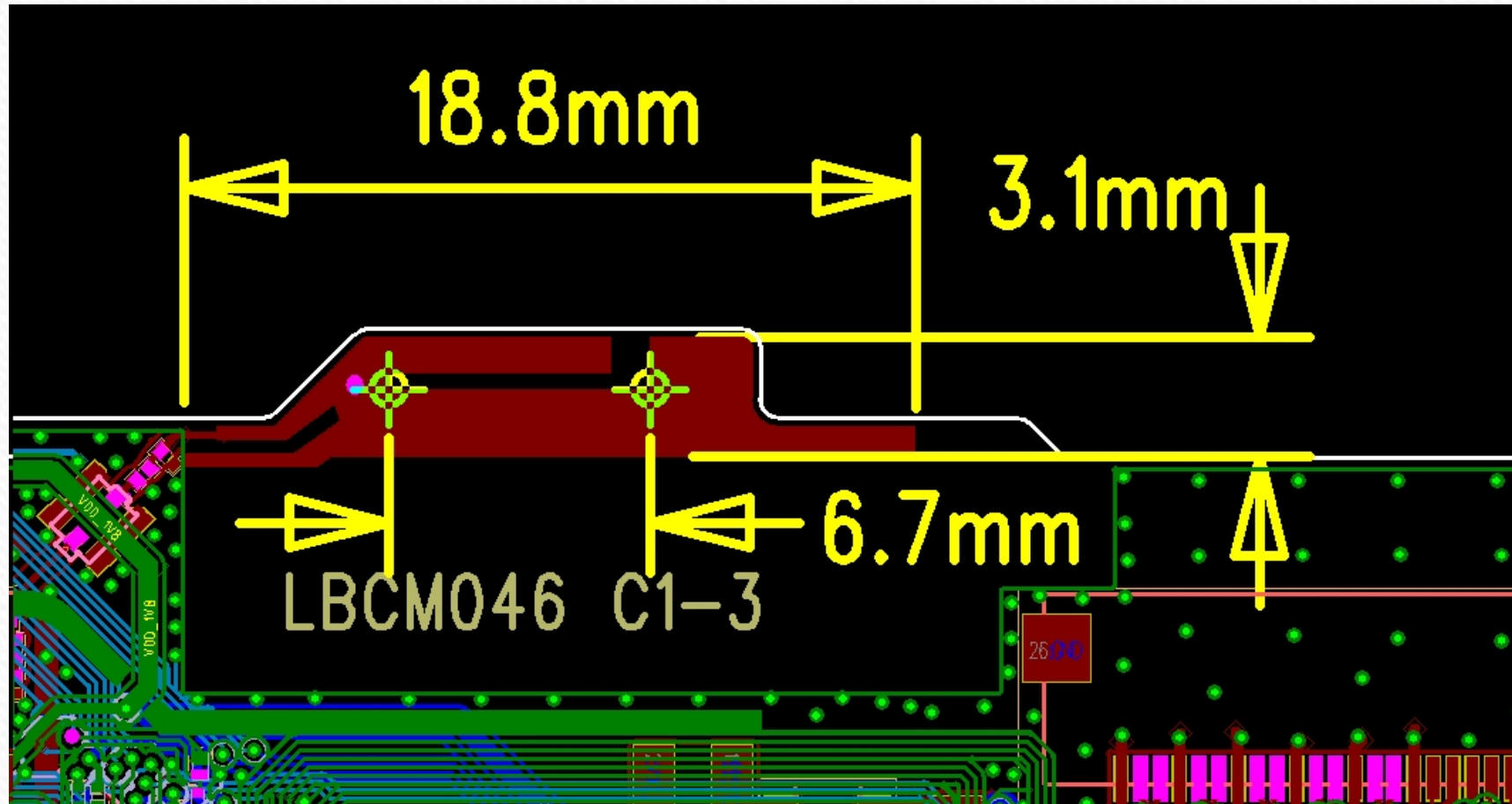


Passive efficiency of the BT(BLE)&WIFI antenna



Band	Channel	TRP	TIS
_B	1	15.78	-83.09
	6	16.3	-81.15
	11	16.46	-82.43
_A	36	9.11	-68.56
	149	16.8	-72.57
	165	12.79	-72.5

BT (BLE) /WIFI Antenna



Thank You