

Manufacturer: Shenzhen Deshiqin Technology Co., Ltd

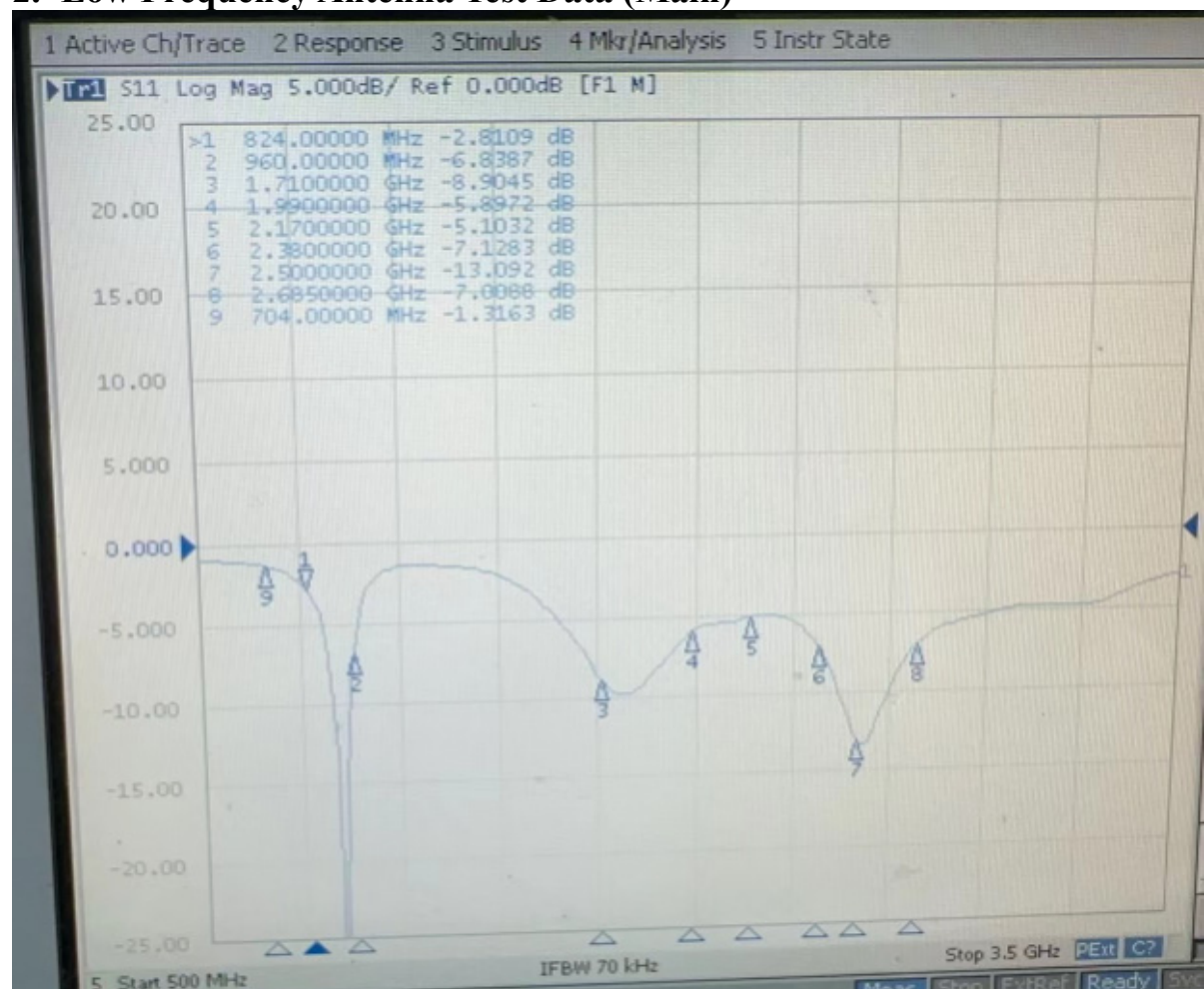
Address: Building 2, Private Enterprise Technology Park, Xili University City, Nanshan District, Shenzhen (Hongji Building), West Block 403

ANT Model: 6706C

1. Overview

This report contains the basic parameters and performance of the 6706C project antenna (version v0.1)

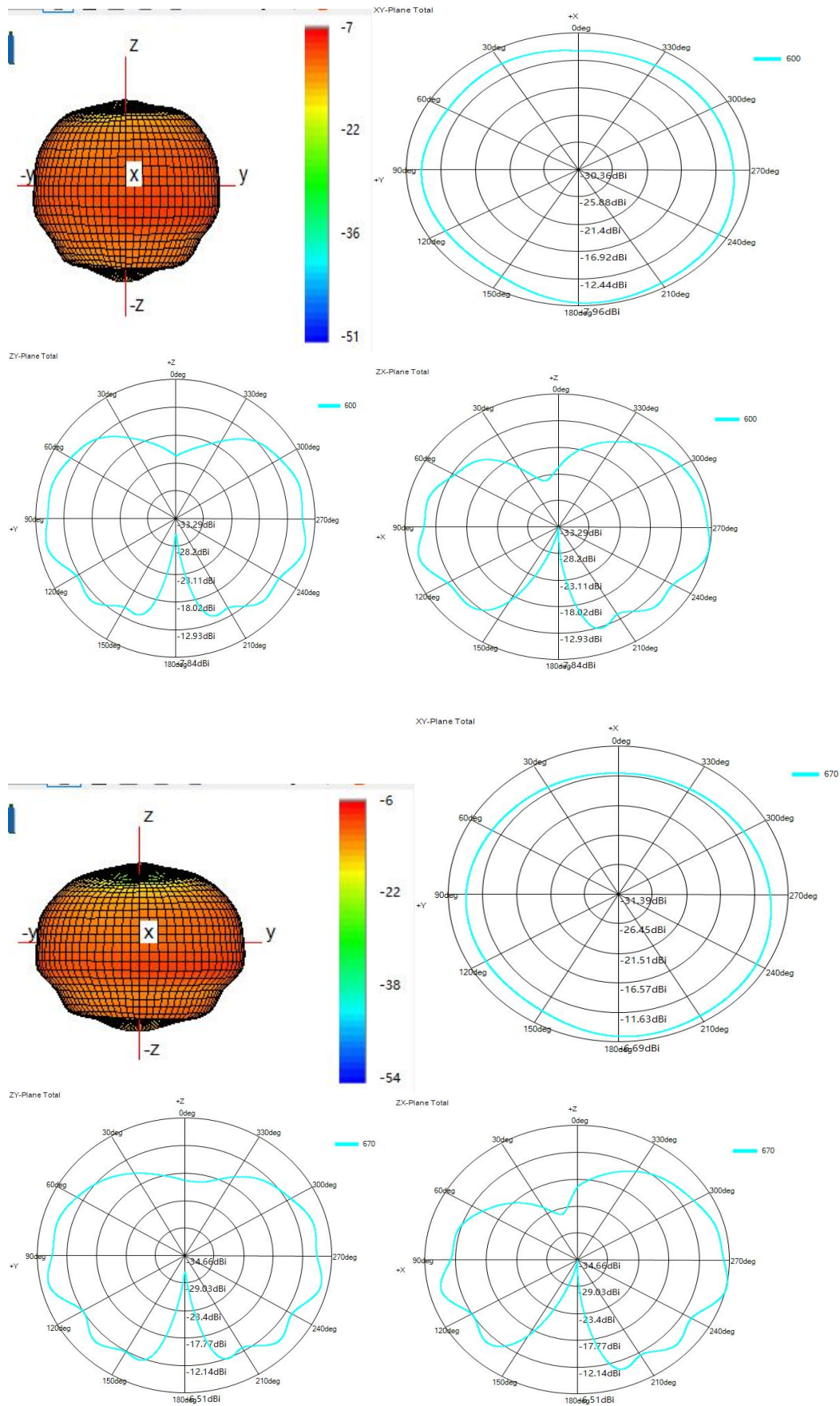
2. Low Frequency Antenna Test Data (Main)

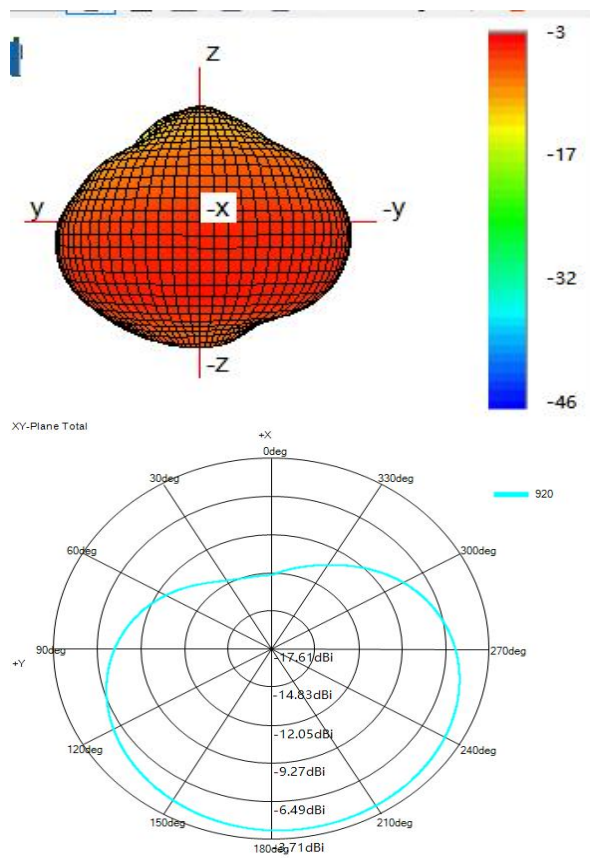
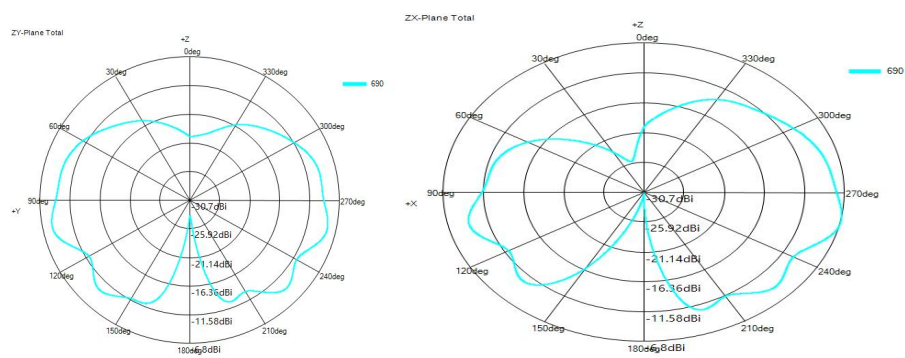
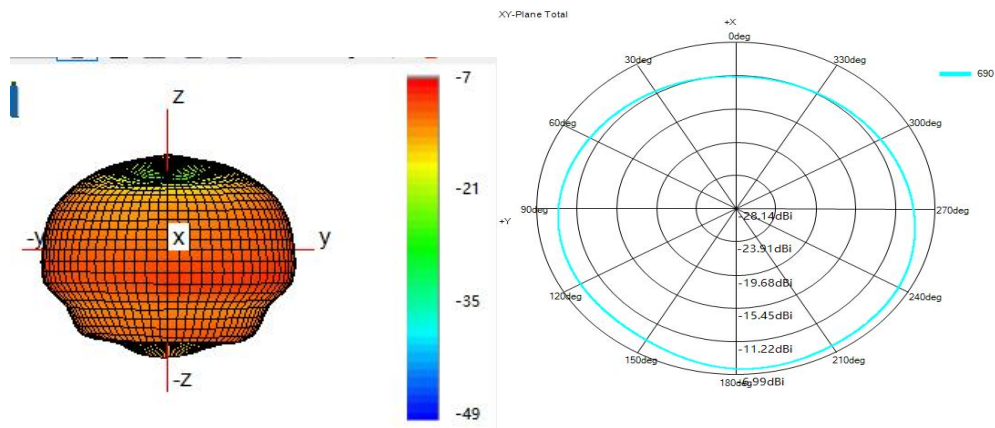


2.1 Low Frequency Passive Efficiency Data & Gain (Main)

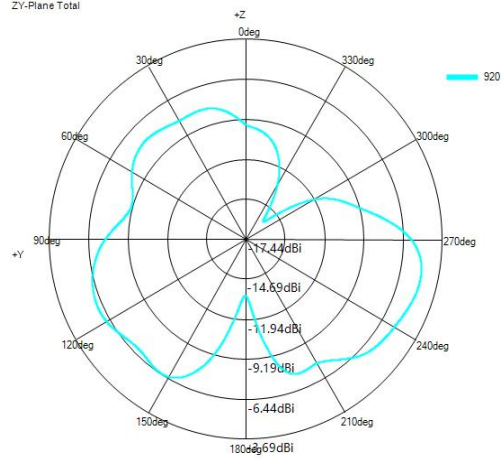
Freq(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
600	-7.84	-9.36	11.60
610	-5.38	-8.87	12.97
620	-5.04	-8.51	14.10
630	-4.55	-8.19	15.17
640	-4.33	-7.96	16.00
650	-4.47	-8.23	15.04
660	-4.47	-8.30	14.79
670	-6.51	-8.57	13.90
680	-4.02	-8.65	13.65
690	-6.80	-8.77	13.27
700	-7.15	-10.04	9.91
710	-6.40	-9.29	11.78
720	-5.57	-8.48	14.19
730	-5.04	-7.99	15.89
740	-4.61	-7.54	17.62
750	-4.35	-7.28	18.71
760	-4.44	-7.33	18.49
770	-4.78	-7.63	17.26
780	-5.28	-8.14	15.35
790	-6.03	-8.83	13.09
800	-7.00	-9.75	10.59
820	-5.76	-9.03	12.50
830	-5.20	-8.41	14.42
840	-4.42	-7.63	17.26
850	-4.01	-7.20	19.05
860	-4.08	-7.24	18.88
870	-4.47	-9.54	11.12
880	-4.43	-7.72	16.90
890	-3.76	-7.03	19.82
900	-3.23	-6.50	22.39
910	-3.23	-6.54	22.18
920	-3.69	-7.10	19.50
930	-4.36	-7.87	16.33
940	-5.48	-8.72	13.43
950	-5.26	-8.82	13.12
960	-6.31	-9.64	10.86
1700	-1.80	30.20	-5.20
1720	-1.50	30.70	-5.10
1740	-1.30	31.80	-5.00
1760	-1.30	31.40	-5.00
1780	-1.40	31.10	-5.10
1800	-1.30	31.50	-5.00

Freq(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
1820	-1.30	32.60	-4.90
1840	-1.40	33.10	-4.80
1860	-1.30	34.20	-4.70
1880	-1.20	35.00	-4.60
1900	-0.60	37.60	-4.30
1920	-0.30	38.80	-4.10
1940	0.00	38.90	-4.10
1960	0.20	39.70	-4.00
1980	0.60	38.80	-4.10
2000	-1.46	38.30	-4.20
2020	0.60	37.50	-4.30
2040	-1.10	33.30	-4.80
2060	-0.60	32.20	-4.90
2080	-0.80	31.20	-5.10
2100	-1.10	29.80	-5.30
2120	-1.10	28.80	-5.40
2140	-1.20	26.60	-5.80
2160	-1.20	25.40	-6.00
2180	-1.00	26.00	-5.90
2200	-0.60	27.70	-5.60
2220	-0.40	29.10	-5.40
2240	-0.10	30.80	-5.10
2260	0.10	32.30	-4.90
2280	0.40	34.00	-4.70
2300	0.40	33.90	-4.70
2320	0.50	34.30	-4.60
2340	0.70	35.30	-4.50
2360	1.10	37.80	-4.20
2380	1.30	38.70	-4.10
2400	1.50	40.60	-3.90
2420	1.20	40.70	-3.90
2440	0.60	38.90	-4.10
2460	-0.20	36.70	-4.40
2480	-0.90	33.80	-4.70
2500	-1.30	32.70	-4.90
2520	-1.50	32.80	-4.90
2540	-1.30	33.00	-4.80
2560	-1.93	33.40	-4.80
2580	-0.60	34.40	-4.60
2600	-0.40	34.90	-4.60
2620	-0.10	34.80	-4.60
2640	0.00	33.00	-4.80
2660	-0.20	31.10	-5.10
2680	-0.30	30.60	-5.20
2700	-0.50	30.80	-5.10

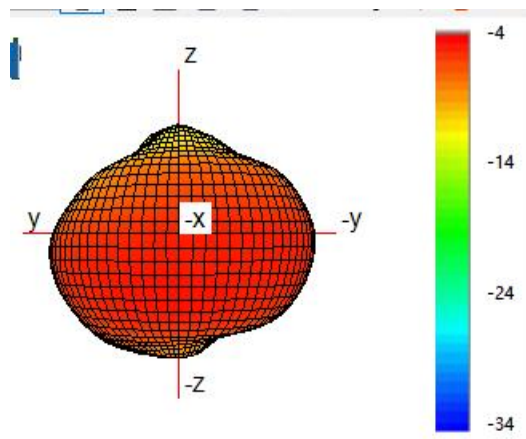
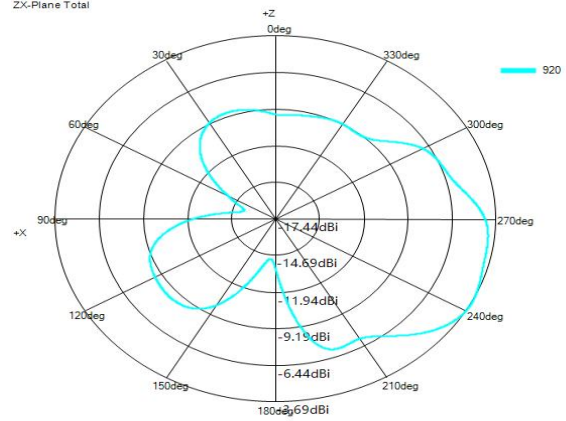




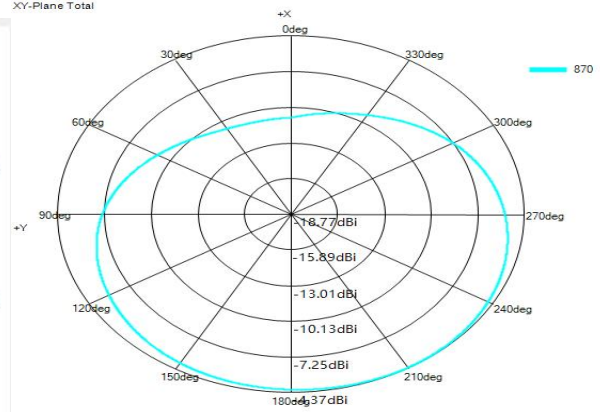
ZY-Plane Total



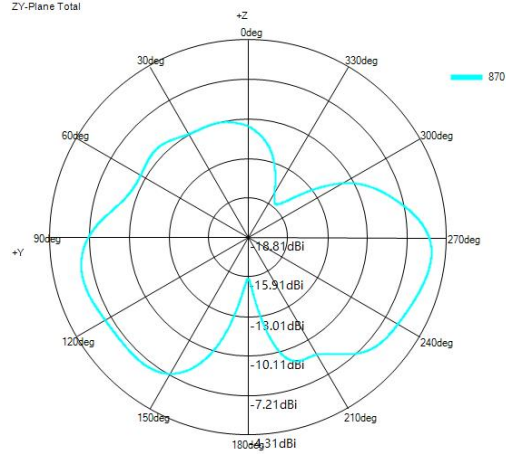
ZX-Plane Total



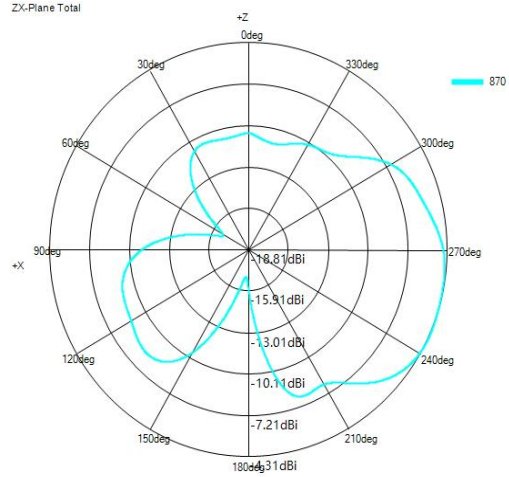
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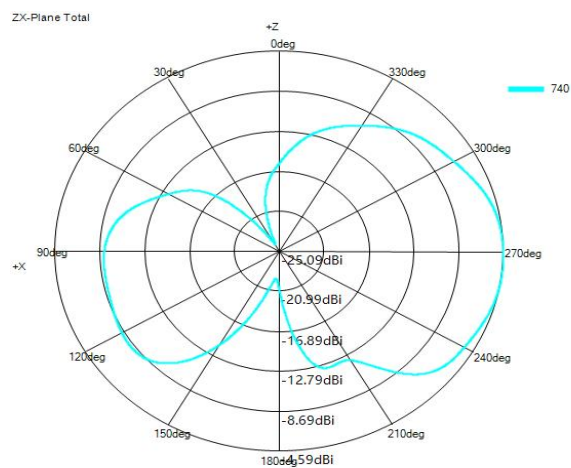
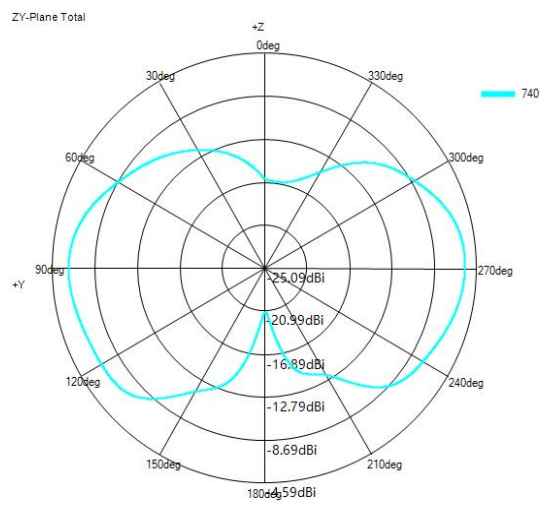
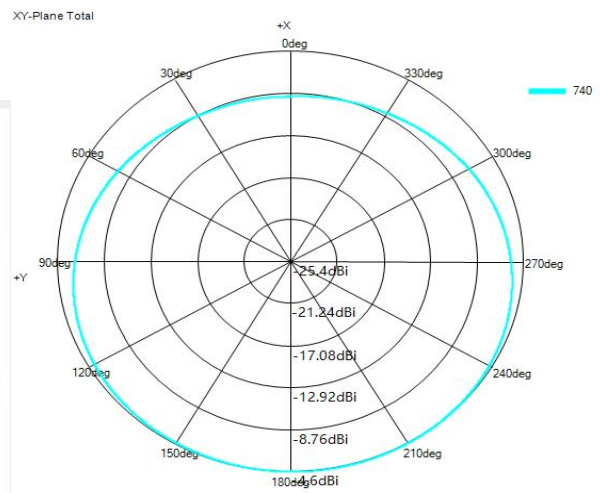
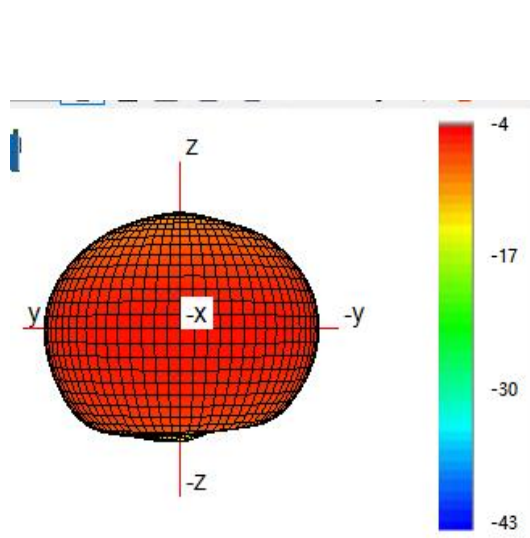


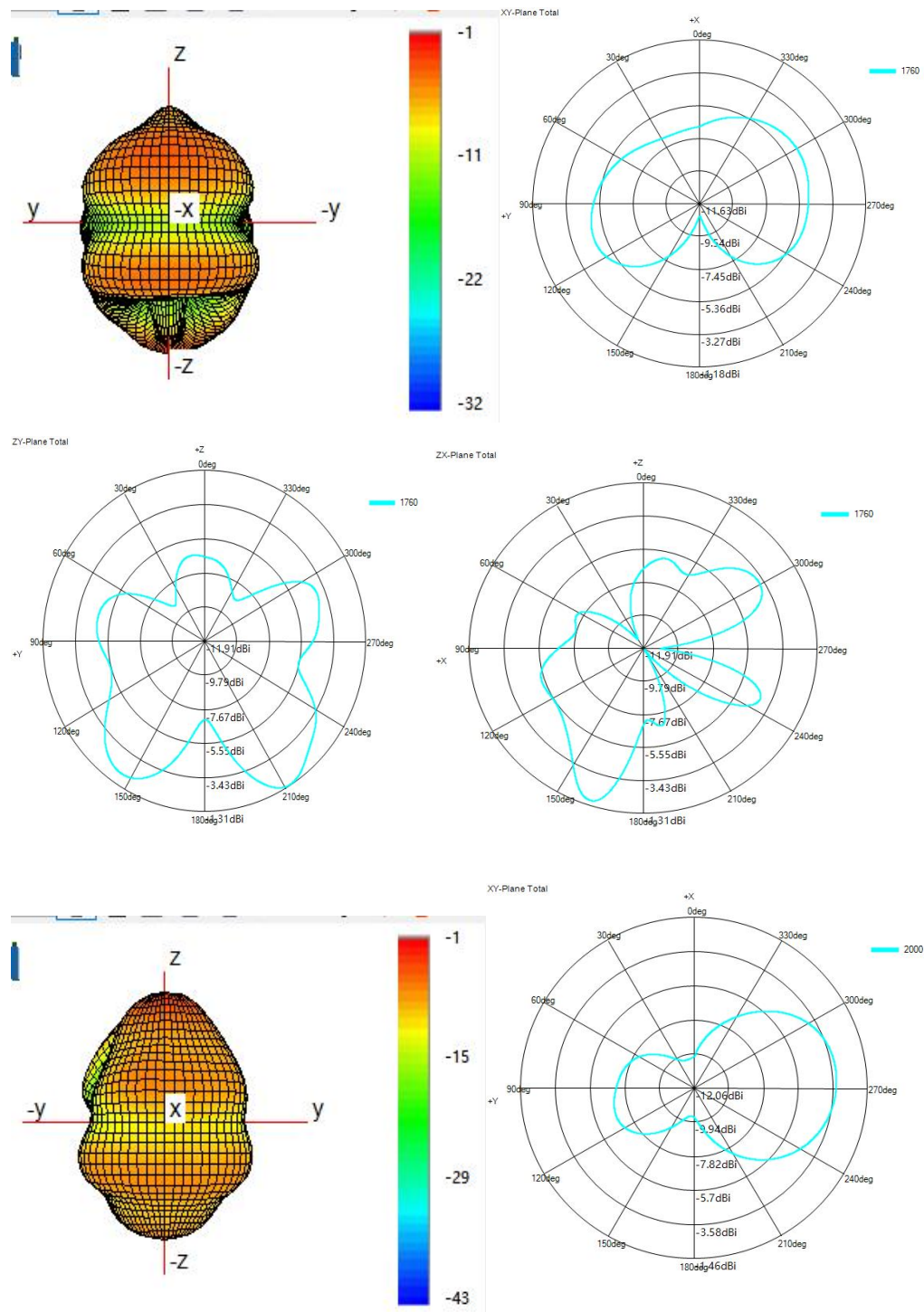
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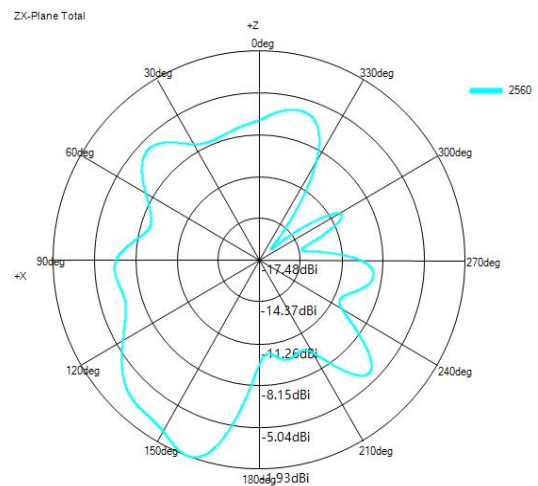
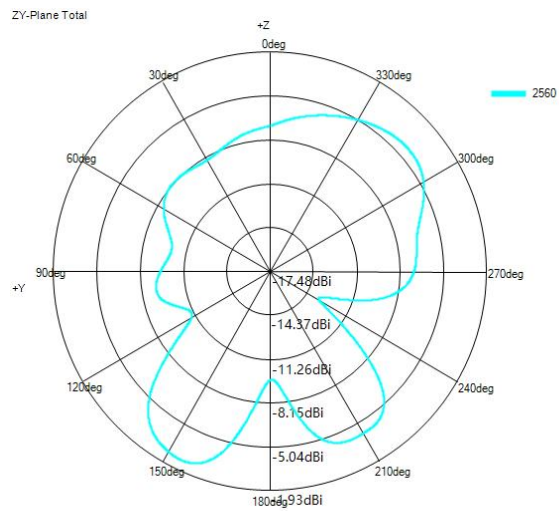
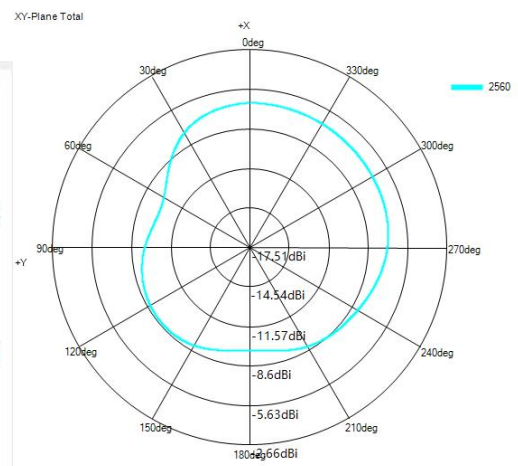
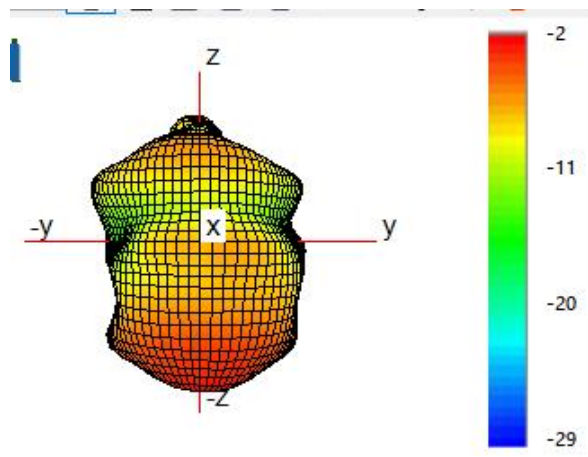
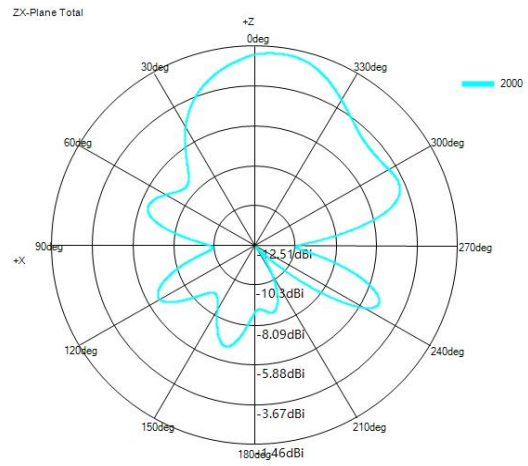
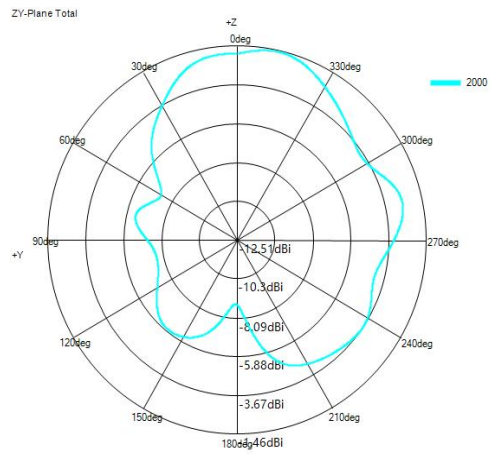


ZX-Plane Total

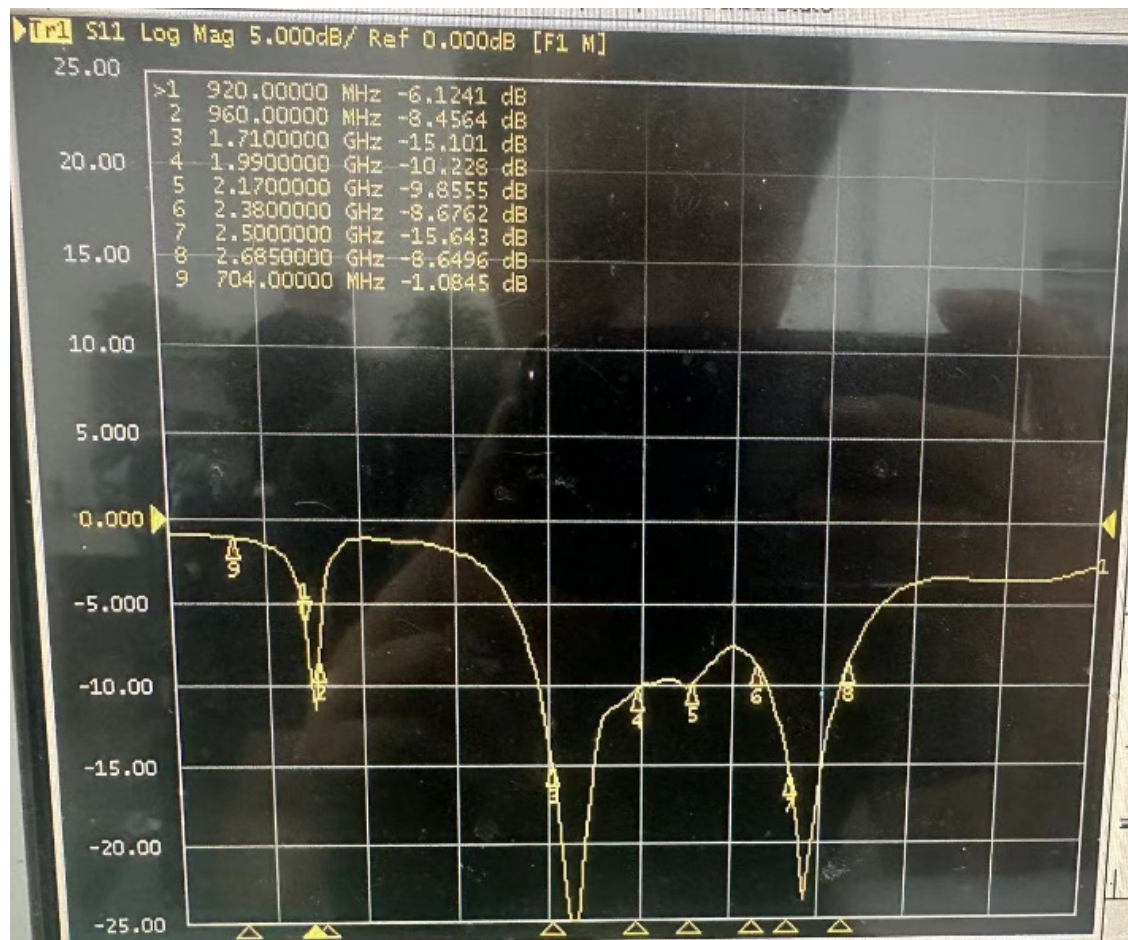






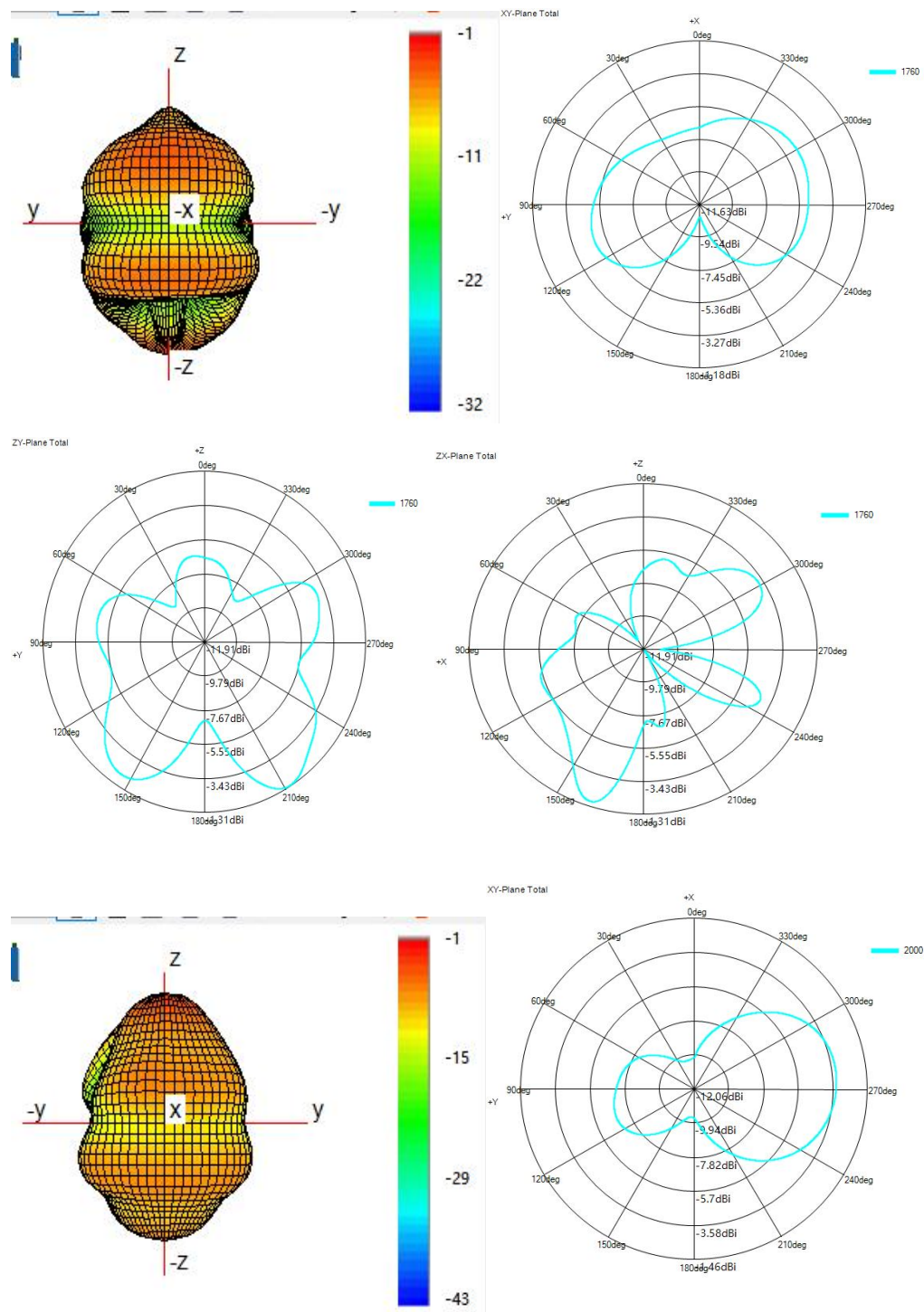


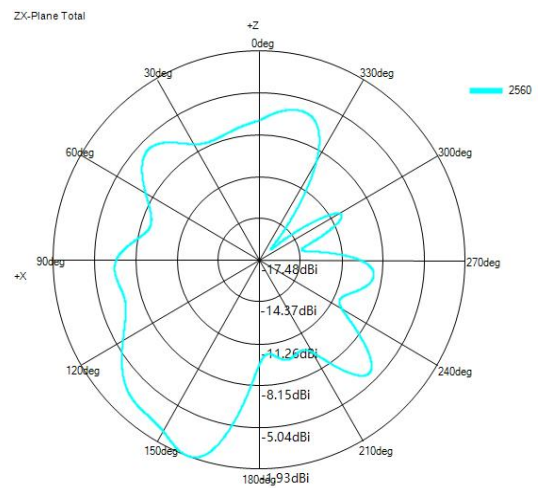
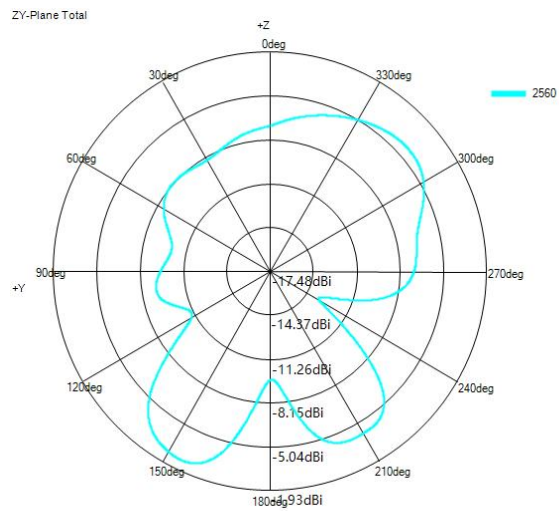
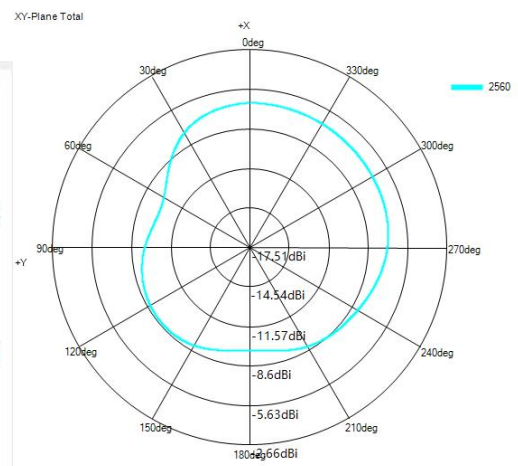
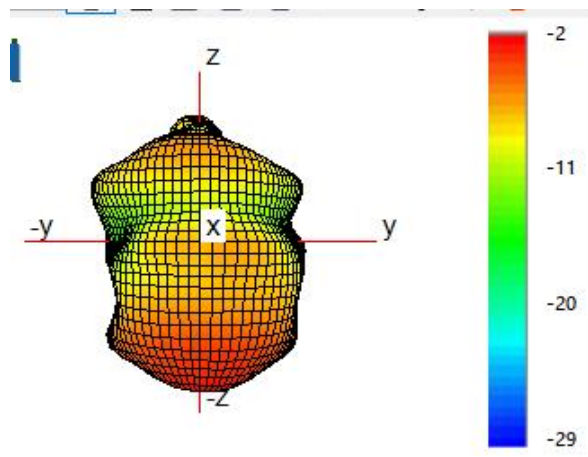
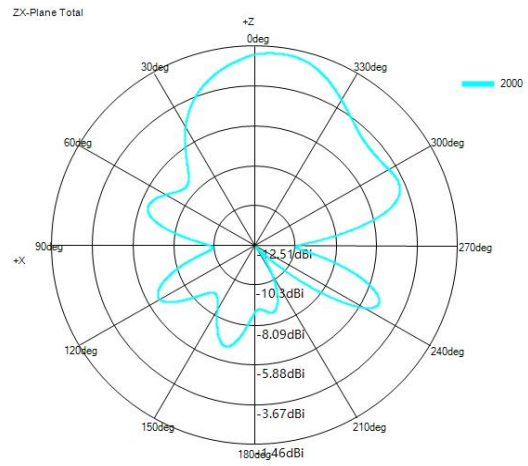
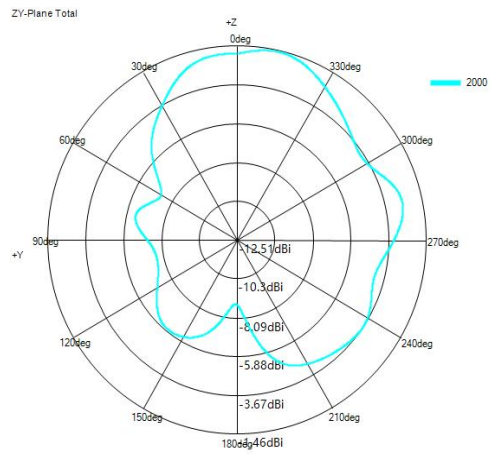
3. Medium and high frequency antenna Test Data (DIV)



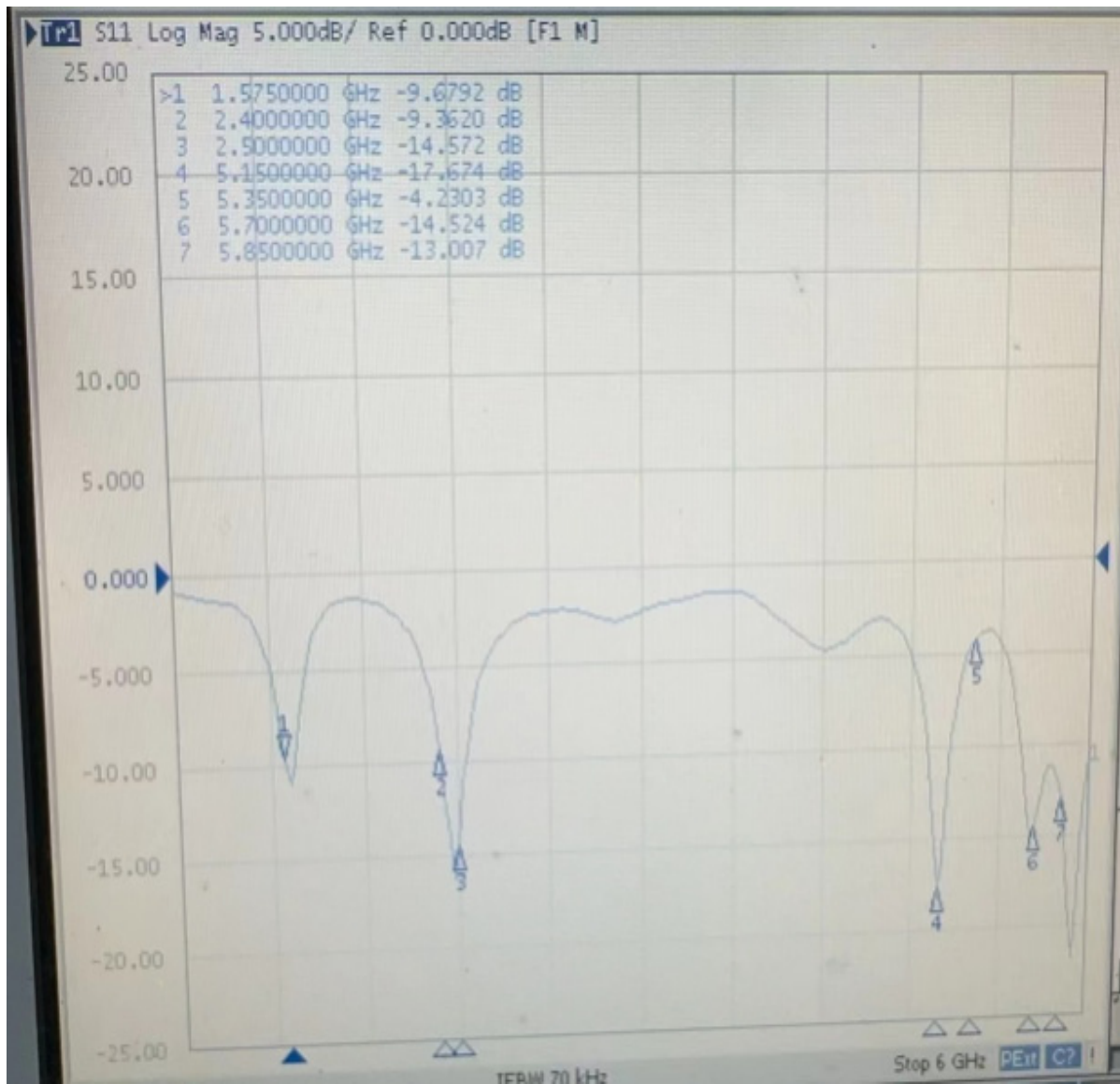
3.1 Medium and High Frequency Passive Efficiency Data & Gain (DIV)

Freq(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
1700	-2.38	-6.37	23.07
1720	-2.18	-6.08	24.68
1740	-1.72	-5.62	27.39
1760	-1.31	-5.26	29.80
1780	-1.13	-4.96	31.93
1800	-1.17	-4.86	32.65
1820	-1.39	-4.99	31.70
1840	-1.56	-4.96	31.89
1860	-1.74	-4.98	31.75
1880	-1.87	-5.06	31.21
1900	-2.01	-5.01	31.52
1920	-2.30	-5.02	31.47
1940	-1.95	-5.10	30.92
1960	-1.88	-5.17	30.44
1980	-1.86	-5.38	28.96
2000	-1.49	-5.43	28.64
2020	-1.26	-5.54	27.90
2040	-1.25	-5.81	26.23
2060	-1.17	-5.92	25.56
2080	-1.04	-6.08	24.68
2100	-0.83	-6.16	24.20
2120	-0.78	-6.31	23.40
2140	-0.93	-6.52	22.29
2160	-0.95	-6.59	21.94
2180	-0.67	-6.33	23.26
2300	-1.27	-6.19	24.03
2320	-1.36	-6.25	23.72
2340	-1.43	-6.21	23.92
2360	-1.55	-6.32	23.31
2380	-1.47	-6.24	23.77
2400	-1.73	-6.32	23.34
2500	-2.31	-6.83	20.73
2520	-2.23	-6.85	20.67
2540	-2.44	-6.94	20.23
2560	-2.68	-7.02	19.85
2580	-2.73	-7.11	19.46
2600	-3.09	-7.34	18.44
2620	-3.12	-7.43	18.07
2640	-3.01	-7.52	17.69
2660	-3.09	-7.62	17.31
2680	-3.19	-7.54	17.63



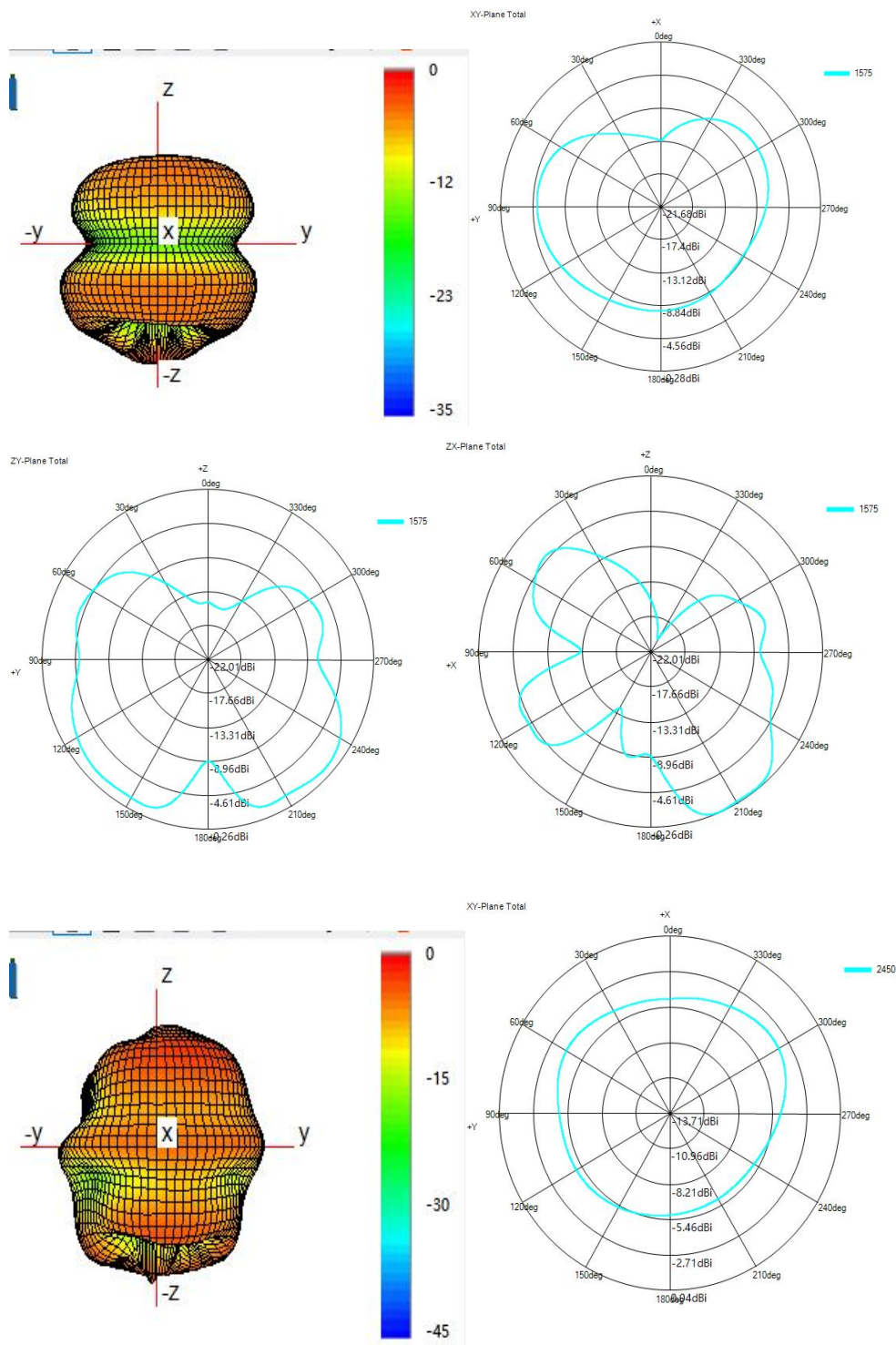


4. GPS/WIFI/BT Antenna Test Data

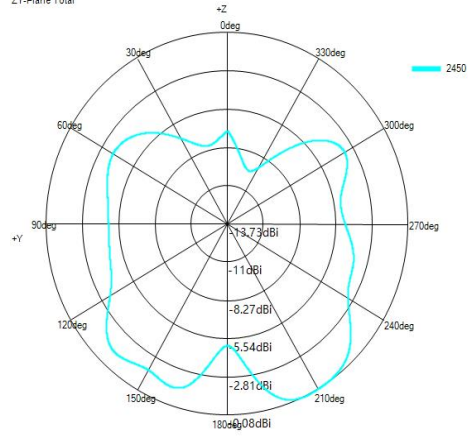


4.1 GPS/WIFI/BT Antenna Passive Efficiency Data & Gain

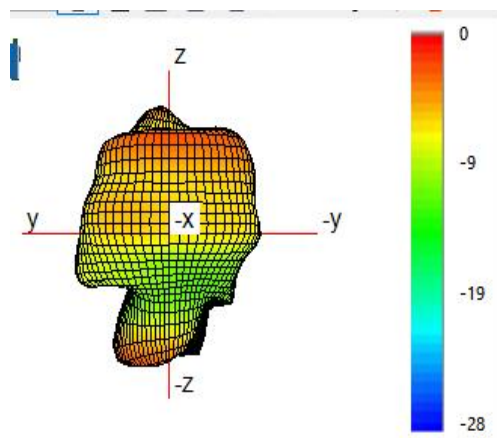
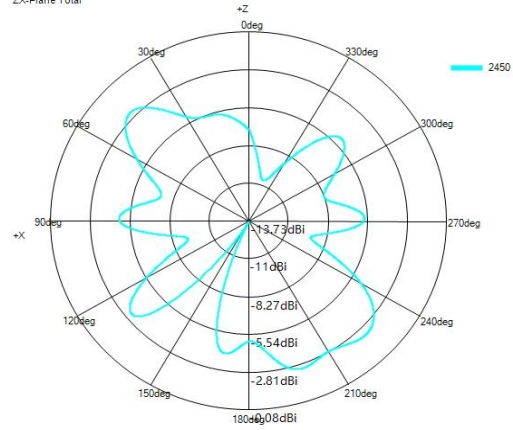
Freq(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
1550	-0.84	-4.07	39.17
1555	-0.83	-4.09	38.99
1560	-0.72	-4.10	38.90
1565	-0.55	-4.05	39.36
1570	-0.45	-4.00	39.81
1575	-0.39	-4.04	39.45
1580	-0.44	-4.16	38.37
1585	-0.57	-4.24	37.67
1590	-0.58	-4.23	37.76
1595	-0.52	-4.21	37.93
1600	-0.59	-4.25	37.58
2400	-0.30	-4.92	32.18
2410	-0.25	-4.83	32.85
2420	-0.24	-4.64	34.35
2430	-0.02	-4.53	35.21
2440	-0.08	-4.59	34.79
2450	-0.10	-4.59	34.73
2460	-0.14	-4.49	35.58
2470	0.17	-4.32	36.94
2480	0.05	-4.43	36.04
2490	0.23	-4.31	37.04
2500	0.54	-4.29	37.22
5000	1.30	-4.45	35.89
5050	1.29	-4.25	37.58
5100	1.74	-3.65	43.15
5150	1.67	-3.54	44.26
5200	1.57	-3.49	44.77
5250	1.01	-4.07	39.17
5300	0.22	-4.86	32.66
5350	-0.13	-5.51	28.12
5400	-0.25	-5.86	25.94
5450	-1.26	-6.61	21.83
5500	-2.11	-6.94	20.23
5550	-1.85	-6.64	21.68
5600	-1.61	-5.92	25.59
5650	-1.97	-5.44	28.58
5700	-1.01	-4.63	34.43
5750	0.37	-4.32	37.01
5800	1.22	-3.75	42.12
5850	1.70	-3.27	47.04



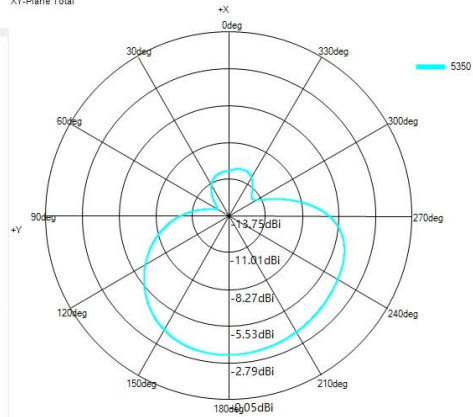
ZY-Plane Total



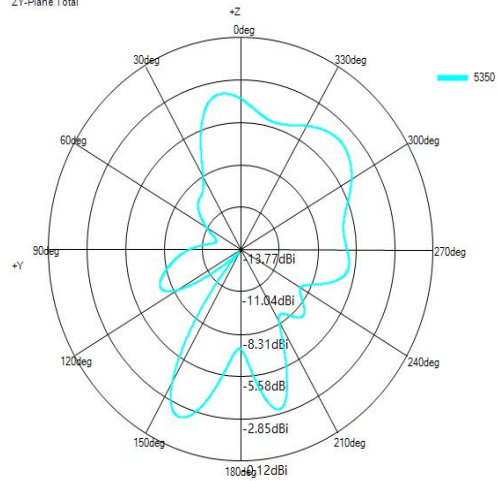
ZX-Plane Total



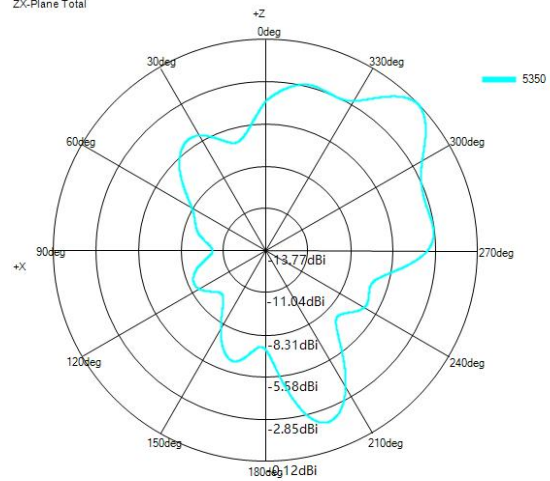
XY-Plane Total

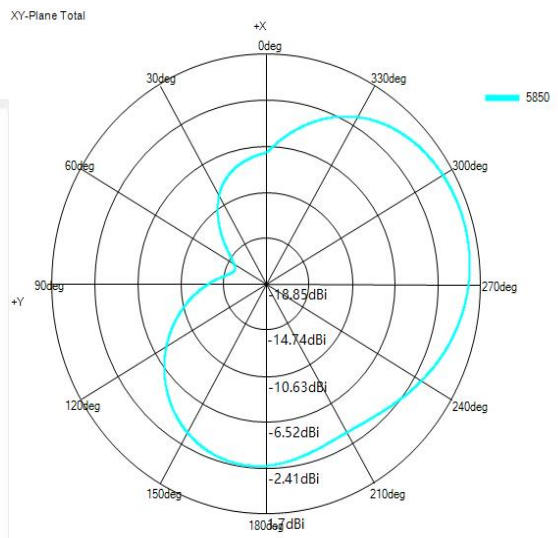
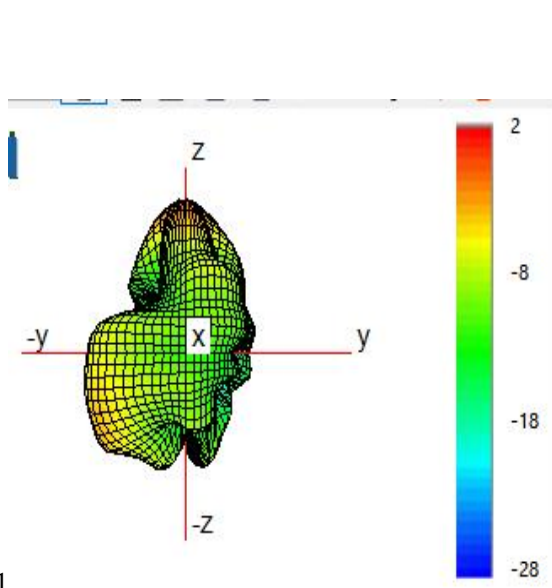


ZY-Plane Total

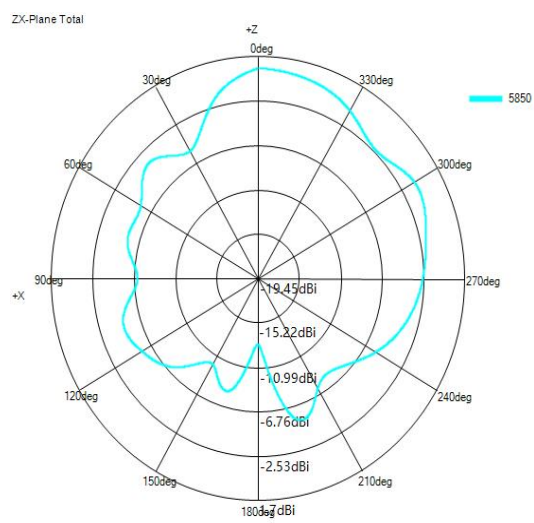
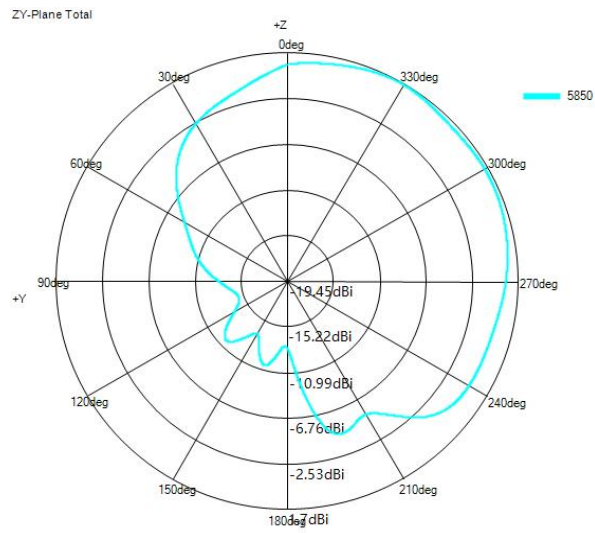


ZX-Plane Total





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5. ANT Dimension

