

WIFI 7F35.2x8.5 V1.2 L100CM1 Antenna

FEATURES



- 4.79 dBi Peak Gain
- Welding RG 1.13 cable, Ipex connector, 3M sticker for easy installation.
- For smart device wireless, Zigbee, Bluetooth terminal wireless receiving antenna transmitter antenna
- Mounting to: non-conductive surface
- Installation type: adhesive



PRODUCTS

Part No.	Weight	Dimensions (L x WxH)	Cables Dimensions	Connector	Color
AIWF026	0.5g	FPC:35.2*8.5*0.2 mm	Φ 1.13*100.0mm	IPX1	Black

SPECIFICATIONS

PARAMETER	SPECIFICATION	
Frequency Bands, MHz	2400-2500	5100-7200
VSWR (Max)	2:1	
Peak Gain, dBi (Typ)	Up to 4.79	
Peak Efficiency, %	91.39	
Nominal Impedance	50 Ω	
Max Power (ambient temp of 25°C)	10 Watts	
Azimuth Beam Width (deg)	Omnidirectional	
Polarization	Linear	
Color	Black	
Storage Temperature Range (°C)	-40° C to +85° C	
Operational Temperature Range (°C)	-40° C to +85° C	
Material Substance Compliance	REACH/RoHS Compliant	

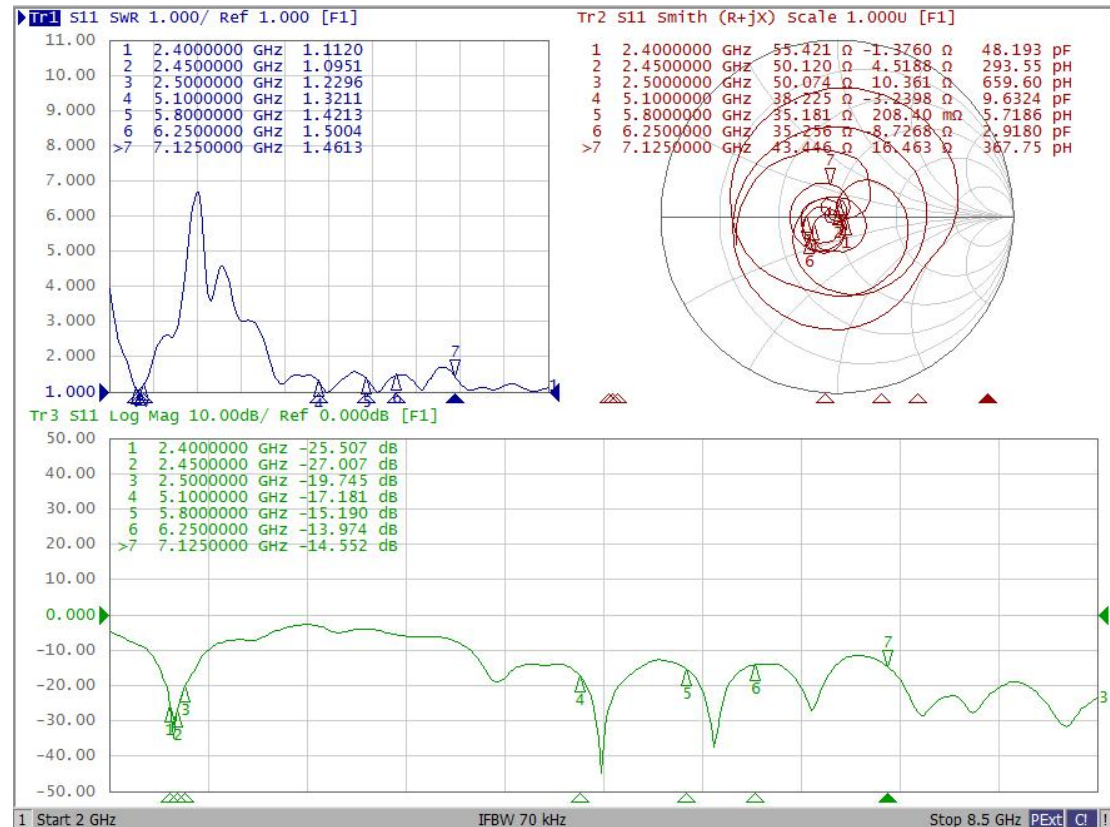
MyAntenna RF Technology Co., Ltd

ADD:No.RM 410, Country Garden Phoenix Wisdom Valley, No. 50 Tiezai Road, Baoan District, Shenzhen, P.R.China.

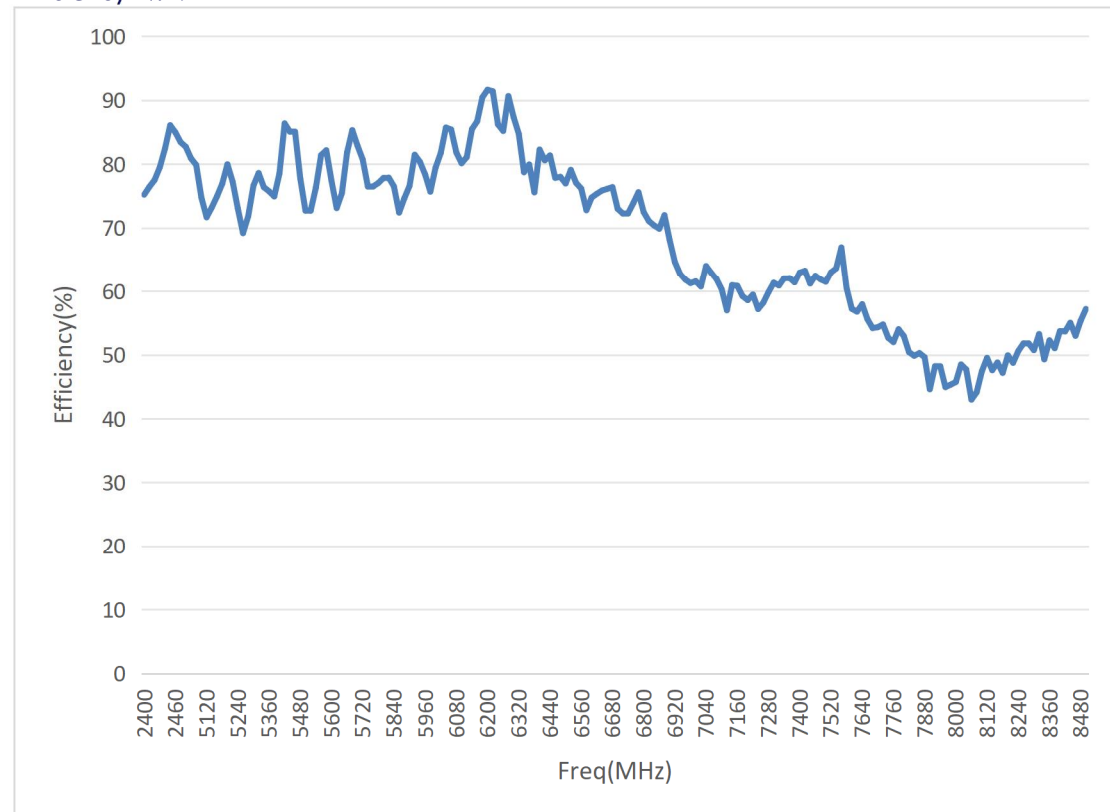
TEL: +86-0755-86503881 FAX: +86-0755-27801677 E-mail: nfc@myantenna.com

ELECTRICAL DATA

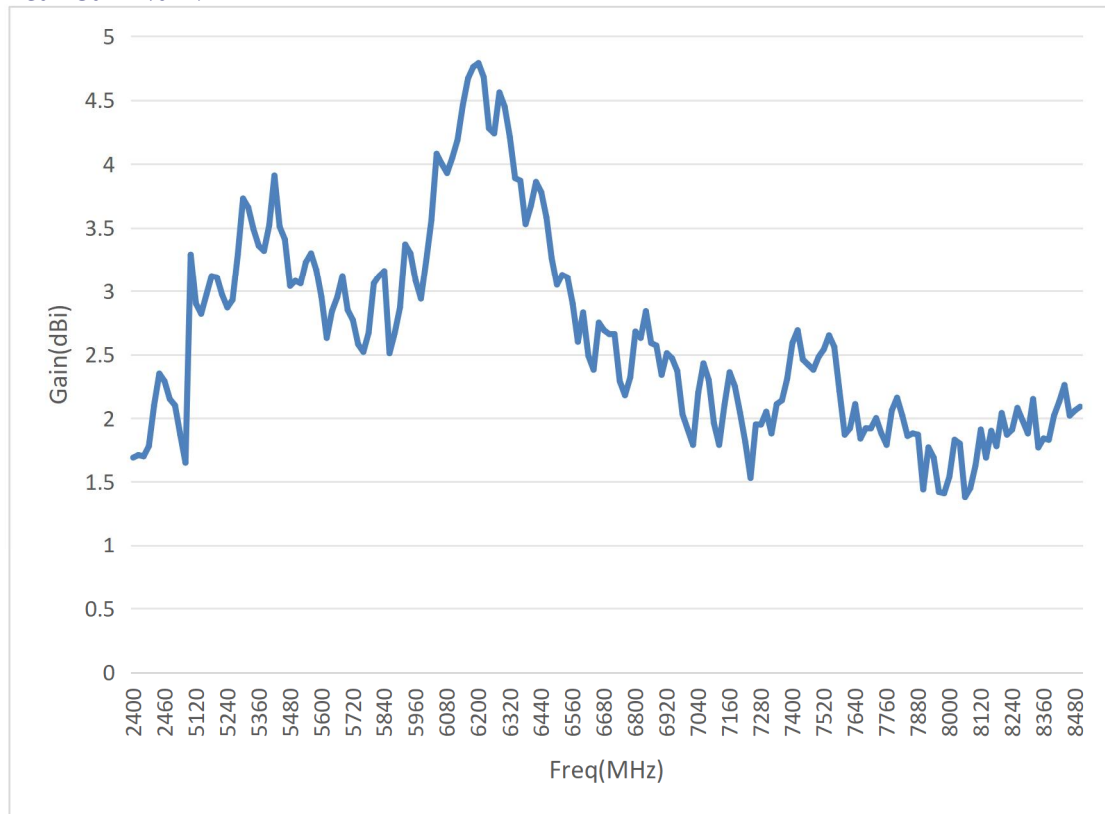
Return Loss



Efficiency (%)



Peak Gain (dBi)

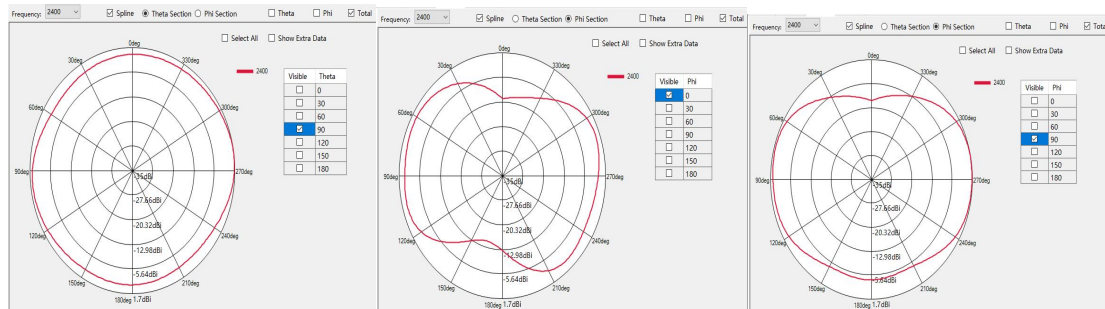


Freq(MH z)	Gain(dB i)	Efficiency(%)	Freq(MH z)	Gain(dB i)	Efficiency(%)	Freq(MH z)	Gain(dB i)	Efficiency(%)
2400	1.69	75.21	6100	4.05	80.14	7320	1.88	60.88
2410	1.71	76.44	6120	4.19	81.09	7340	2.11	62.04
2420	1.70	77.51	6140	4.46	85.47	7360	2.14	62.10
2430	1.78	79.49	6160	4.67	86.70	7380	2.31	61.38
2440	2.10	82.42	6180	4.76	90.44	7400	2.59	62.96
2450	2.35	86.08	6200	4.79	91.64	7420	2.69	63.24
2460	2.29	84.96	6220	4.68	91.39	7440	2.46	61.19
2470	2.15	83.43	6240	4.28	86.21	7460	2.42	62.45
2480	2.10	82.70	6260	4.24	85.19	7480	2.38	61.85
2490	1.87	80.89	6280	4.56	90.64	7500	2.48	61.47
2500	1.65	79.86	6300	4.45	87.36	7520	2.54	62.99
5100	3.29	74.75	6320	4.21	84.73	7540	2.65	63.63
5120	2.90	71.68	6340	3.89	78.73	7560	2.56	66.93
5140	2.82	73.22	6360	3.87	79.93	7580	2.21	60.47
5160	2.97	74.96	6380	3.53	75.58	7600	1.87	57.21
5180	3.12	76.92	6400	3.67	82.27	7620	1.92	56.76
5200	3.11	79.96	6420	3.86	80.59	7640	2.11	57.92
5220	2.97	77.25	6440	3.78	81.35	7660	1.84	55.59
5240	2.87	73.05	6460	3.58	77.85	7680	1.92	54.19

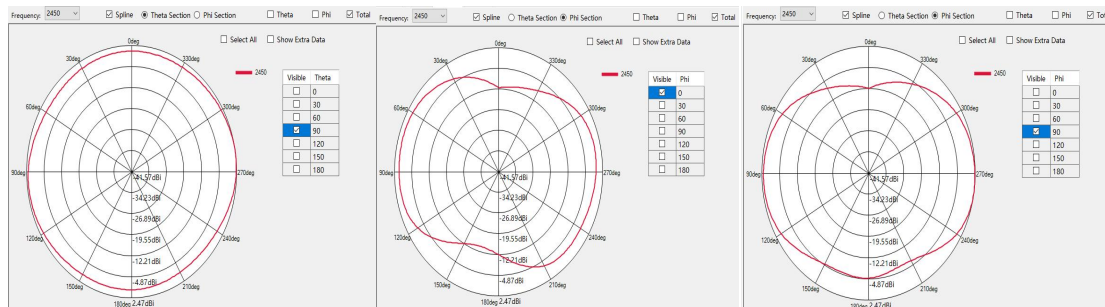
5260	2.93	69.19	6480	3.26	78.00	7700	1.92	54.32
5280	3.29	71.86	6500	3.05	76.97	7720	2.00	54.75
5300	3.73	76.63	6520	3.13	79.09	7740	1.88	52.66
5320	3.66	78.59	6540	3.11	77.07	7760	1.79	51.99
5340	3.49	76.38	6560	2.90	76.16	7780	2.06	54.00
5360	3.36	75.74	6580	2.60	72.79	7800	2.16	52.93
5380	3.32	74.94	6600	2.83	74.76	7820	2.02	50.41
5400	3.52	78.54	6620	2.49	75.35	7840	1.86	49.85
5420	3.91	86.36	6640	2.38	75.86	7860	1.88	50.26
5440	3.51	85.08	6660	2.75	76.12	7880	1.87	49.62
5460	3.41	85.02	6680	2.69	76.39	7900	1.44	44.61
5480	3.04	77.76	6700	2.66	73.00	7920	1.77	48.21
5500	3.08	72.71	6720	2.66	72.26	7940	1.69	48.20
5520	3.06	72.70	6740	2.29	72.28	7960	1.42	44.94
5540	3.23	76.31	6760	2.18	73.87	7980	1.41	45.32
5560	3.30	81.40	6780	2.32	75.59	8000	1.54	45.74
5580	3.17	82.16	6800	2.68	72.48	8020	1.83	48.48
5600	2.95	77.39	6820	2.63	71.08	8040	1.80	47.70
5620	2.63	73.12	6840	2.84	70.39	8060	1.38	42.98
5640	2.84	75.45	6860	2.59	69.88	8080	1.45	44.13
5660	2.95	81.84	6880	2.57	71.99	8100	1.63	47.41
5680	3.12	85.31	6900	2.34	68.08	8120	1.91	49.51
5700	2.85	82.88	6920	2.51	64.64	8140	1.69	47.59
5720	2.77	80.72	6940	2.47	62.74	8160	1.90	48.79
5740	2.58	76.48	6960	2.37	61.82	8180	1.78	47.17
5760	2.52	76.50	6980	2.03	61.25	8200	2.04	49.91
5780	2.67	77.04	7000	1.91	61.55	8220	1.87	48.75
5800	3.06	77.83	7020	1.79	60.73	8240	1.91	50.59
5820	3.12	77.89	7040	2.20	64.00	8260	2.08	51.78
5840	3.16	76.51	7060	2.43	62.90	8280	1.98	51.78
5860	2.51	72.41	7080	2.30	61.90	8300	1.88	50.73
5880	2.67	74.64	7100	1.96	60.26	8320	2.15	53.24
5900	2.87	76.59	7120	1.79	56.98	8340	1.77	49.29
5920	3.37	81.46	7140	2.10	60.93	8360	1.84	52.26
5940	3.30	80.35	7160	2.36	60.82	8380	1.83	51.03
5960	3.08	78.37	7180	2.25	59.20	8400	2.02	53.70
5980	2.94	75.69	7200	2.04	58.57	8420	2.13	53.65
6000	3.24	79.43	7220	1.81	59.44	8440	2.26	55.01
6020	3.56	81.74	7240	1.53	57.17	8460	2.02	52.98
6040	4.08	85.72	7260	1.95	58.17	8480	2.06	55.35
6060	4.00	85.41	7280	1.95	59.84	8500	2.09	57.18
6080	3.93	81.81	7300	2.05	61.32			

RADIATION PATTERNS

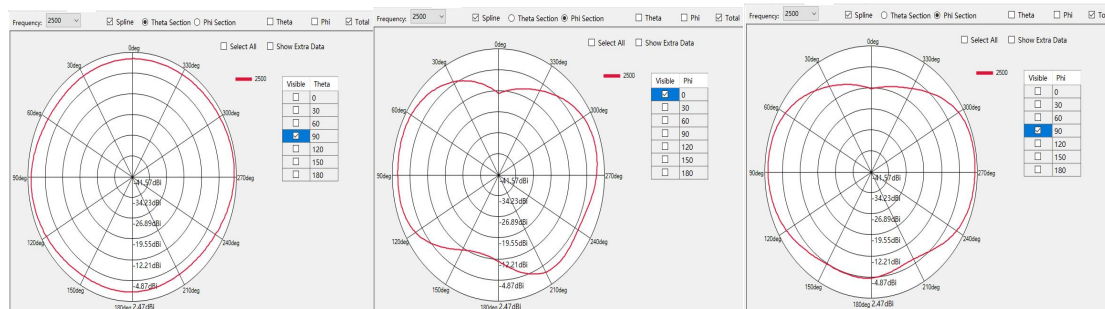
2400MHz Gain=1.69dBi



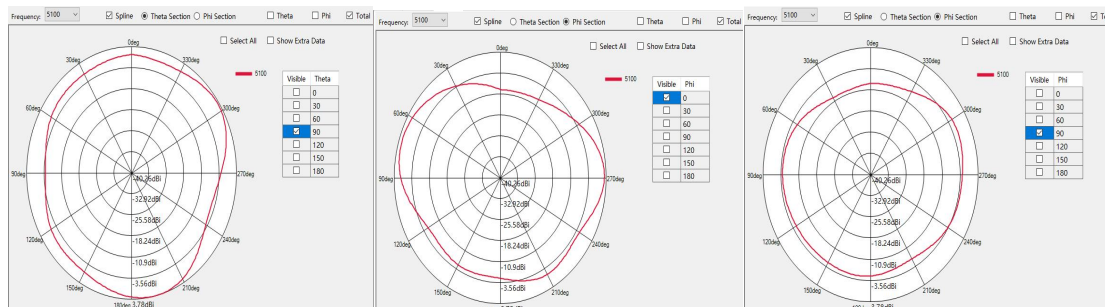
2450MHz Gain=2.35dBi



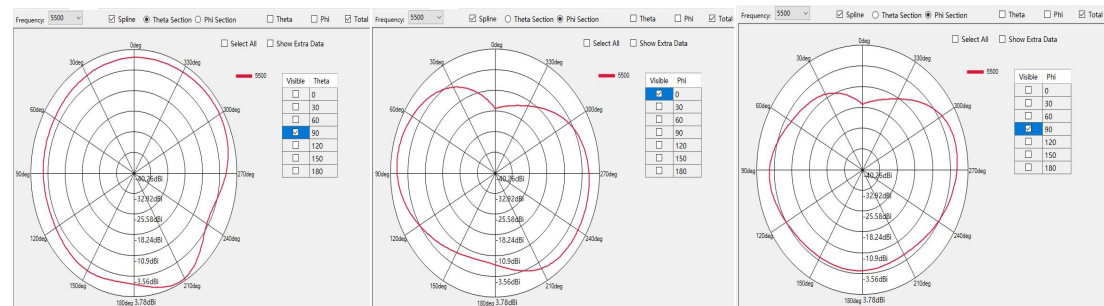
2500MHz Gain=1.65dBi



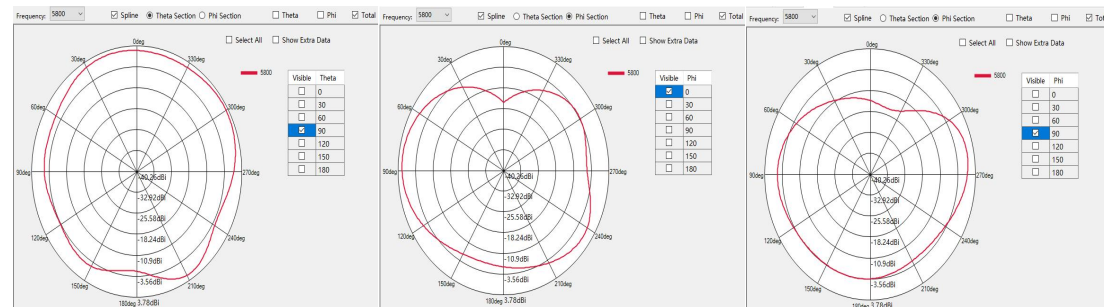
5100MHz Gain=3.29dBi



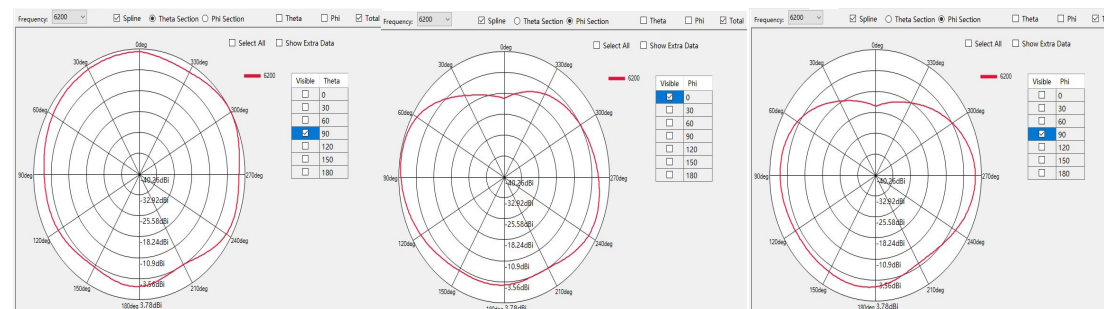
5500MHz Gain=3.08dBi



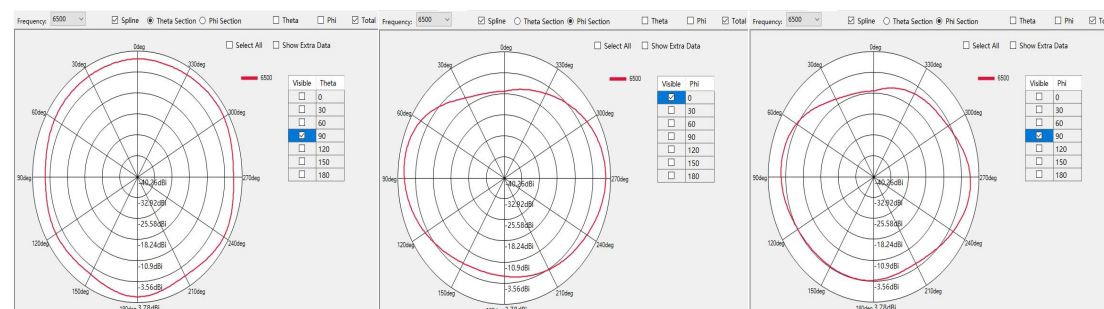
5800MHz Gain=3.06dBi



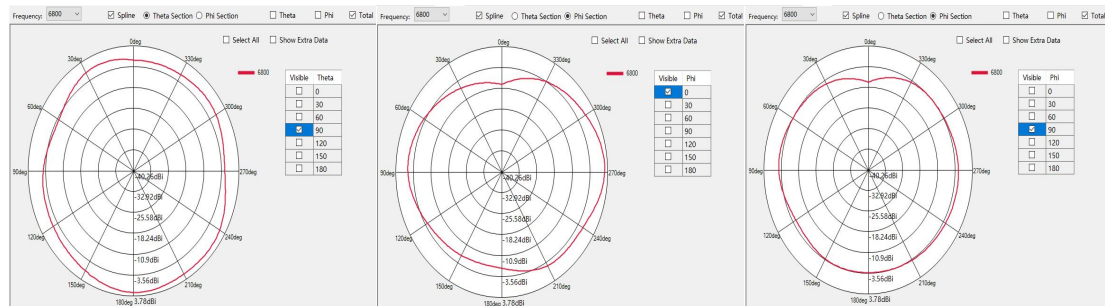
6200MHz Gain=4.79dBi



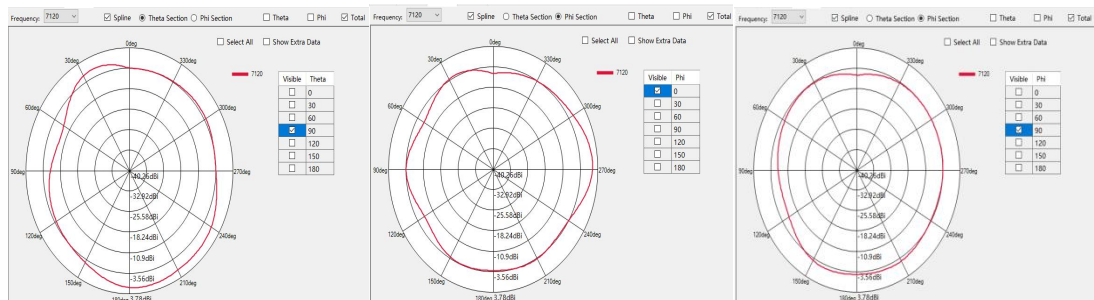
6500MHz Gain=3.05dBi



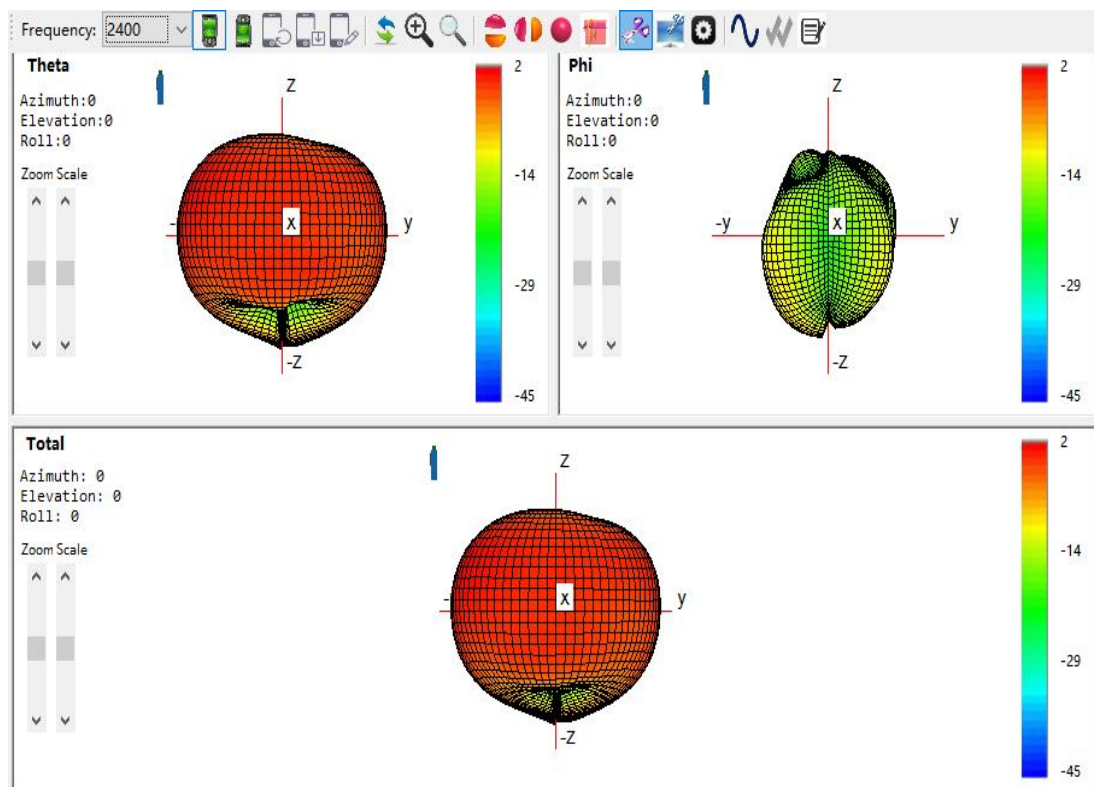
6800MHz Gain=2.68dBi



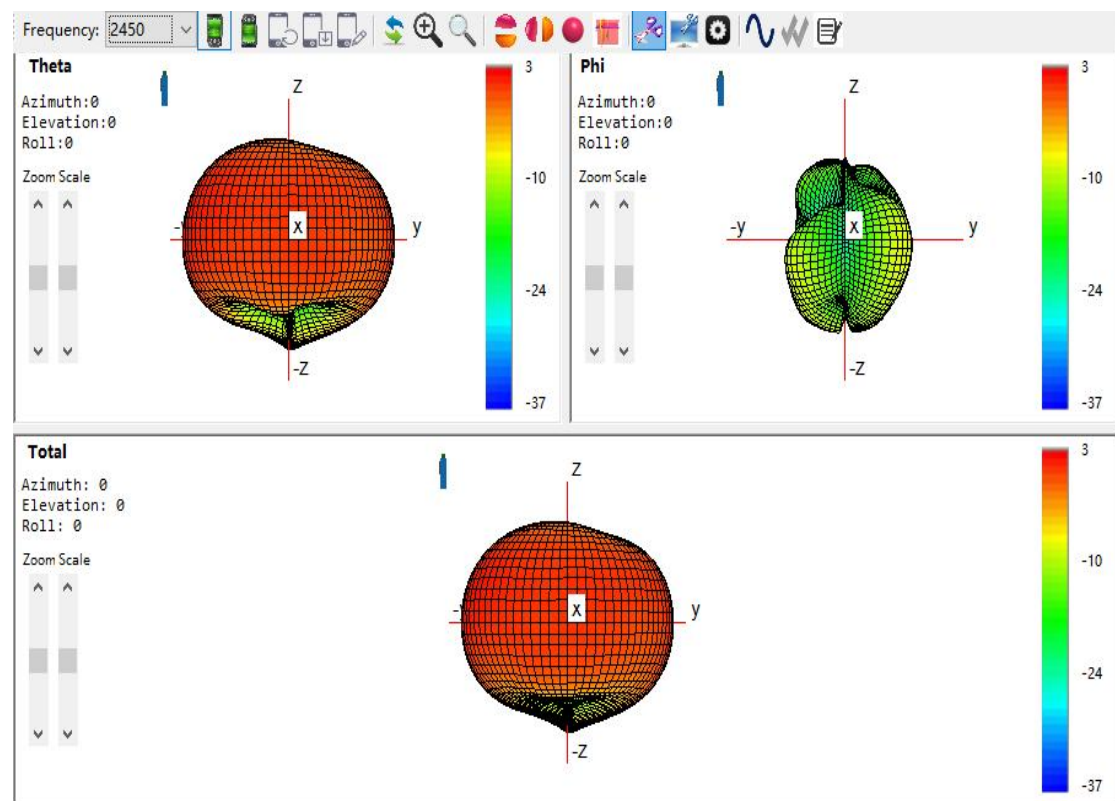
7120MHz Gain=1.79dBi



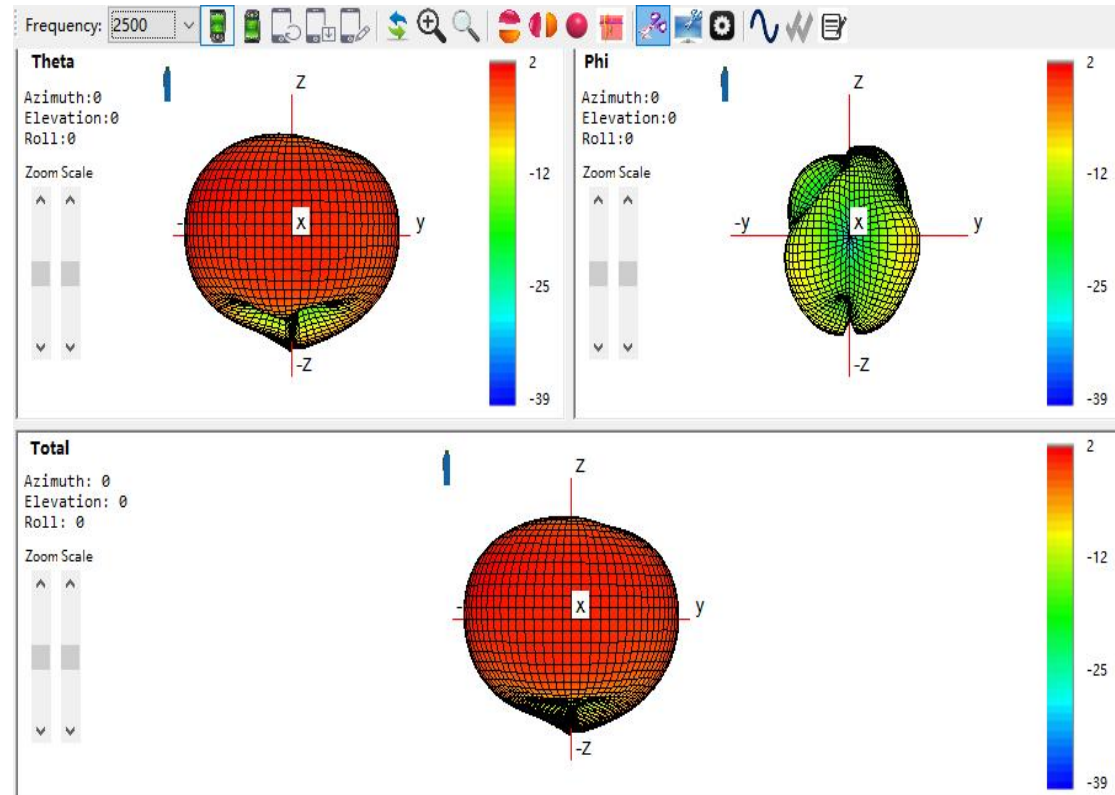
2400MHz Gain=1.69dBi



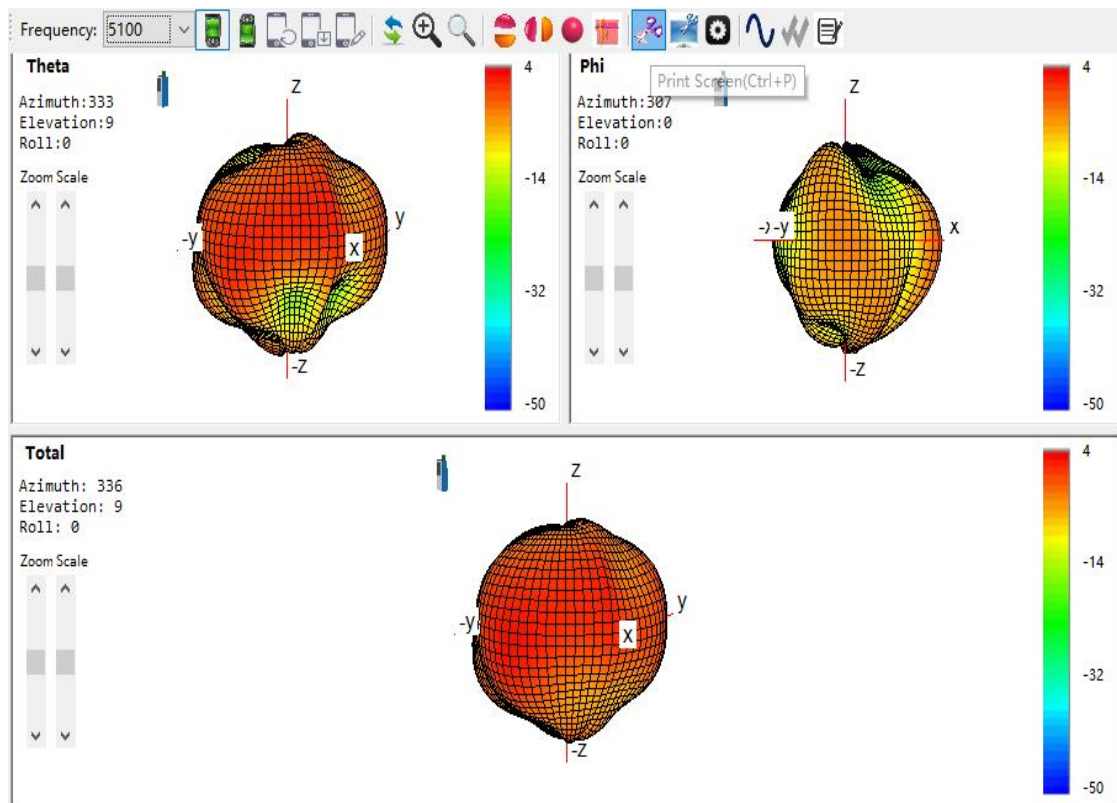
2450MHz Gain=2.35dBi



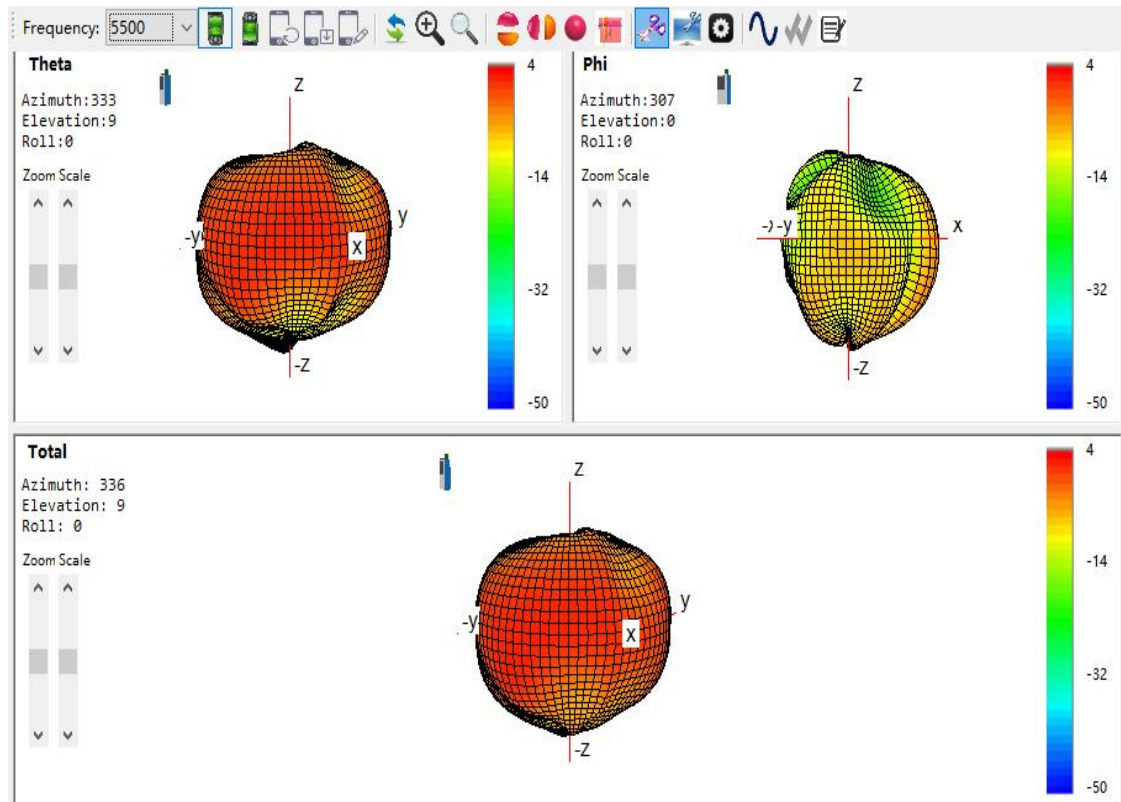
2500MHz Gain=1.65dBi



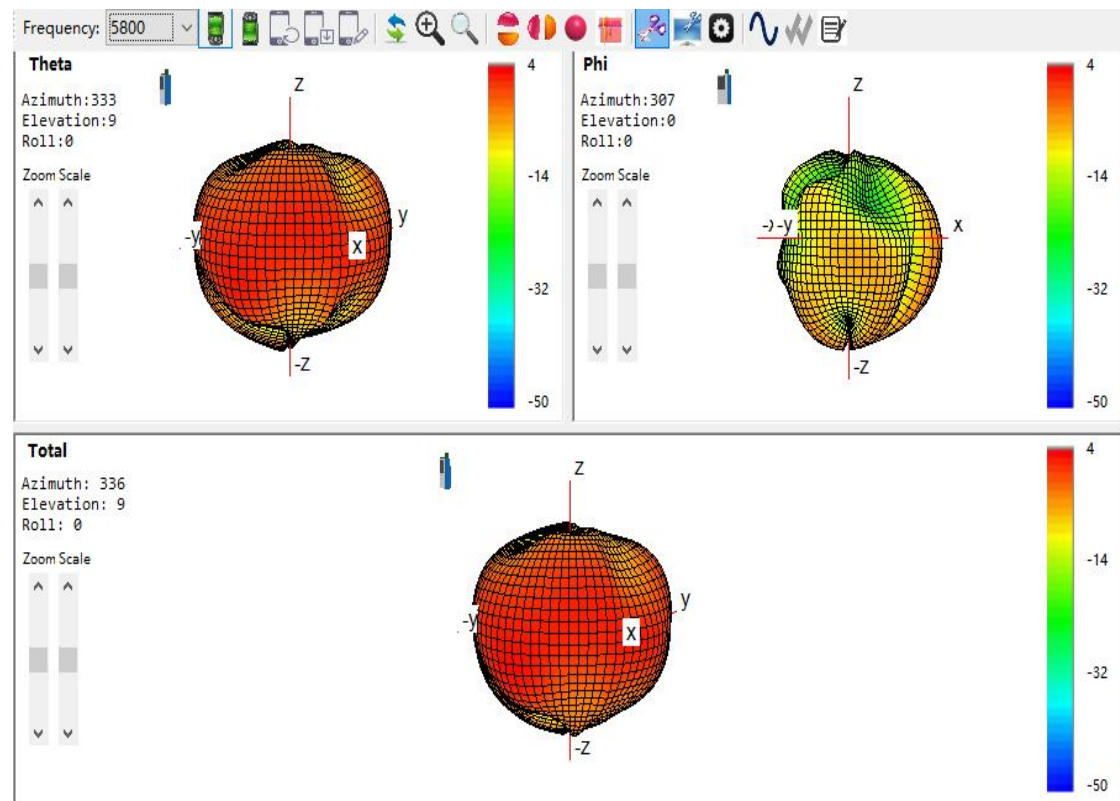
5100MHz Gain=3.29dBi



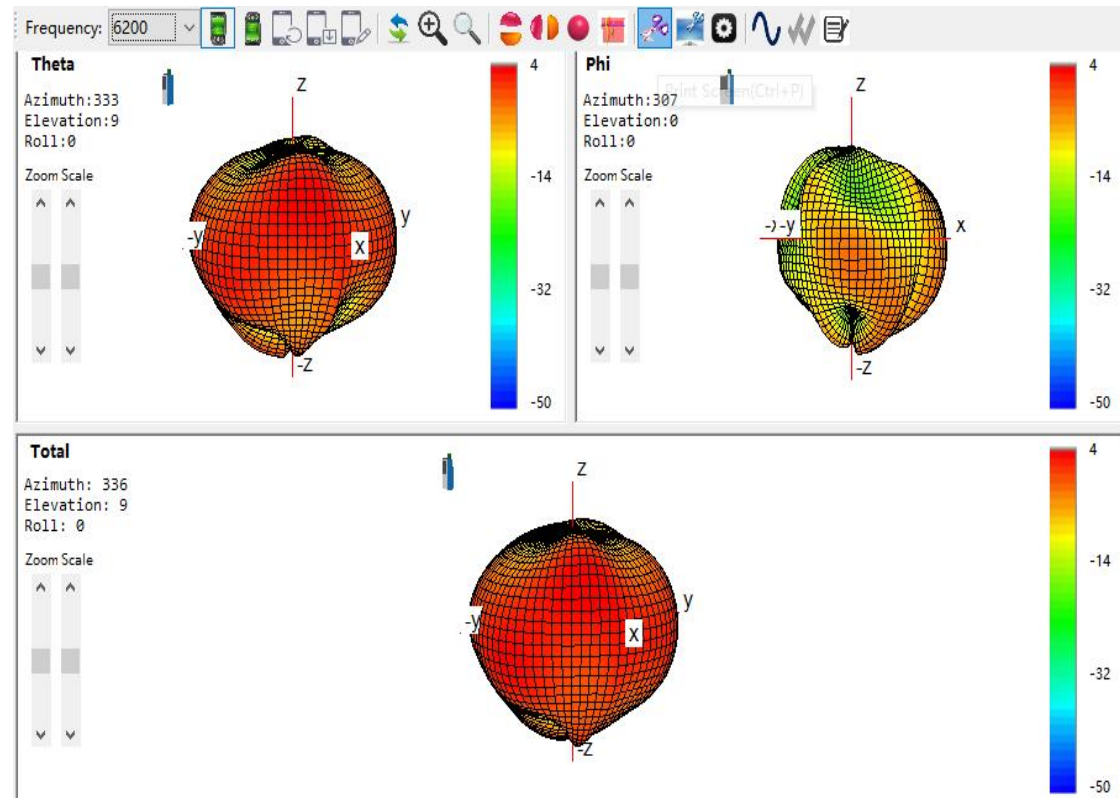
5500MHz Gain=3.08dBi



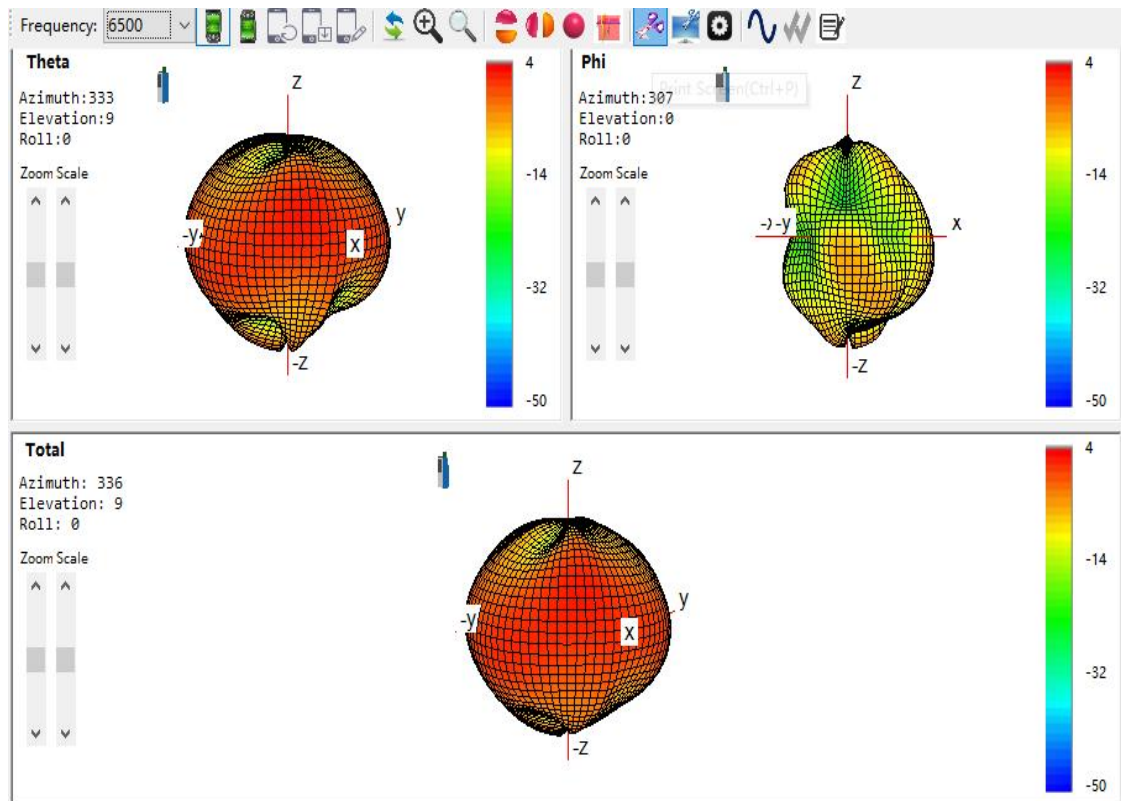
5800MHz Gain=3.06dBi



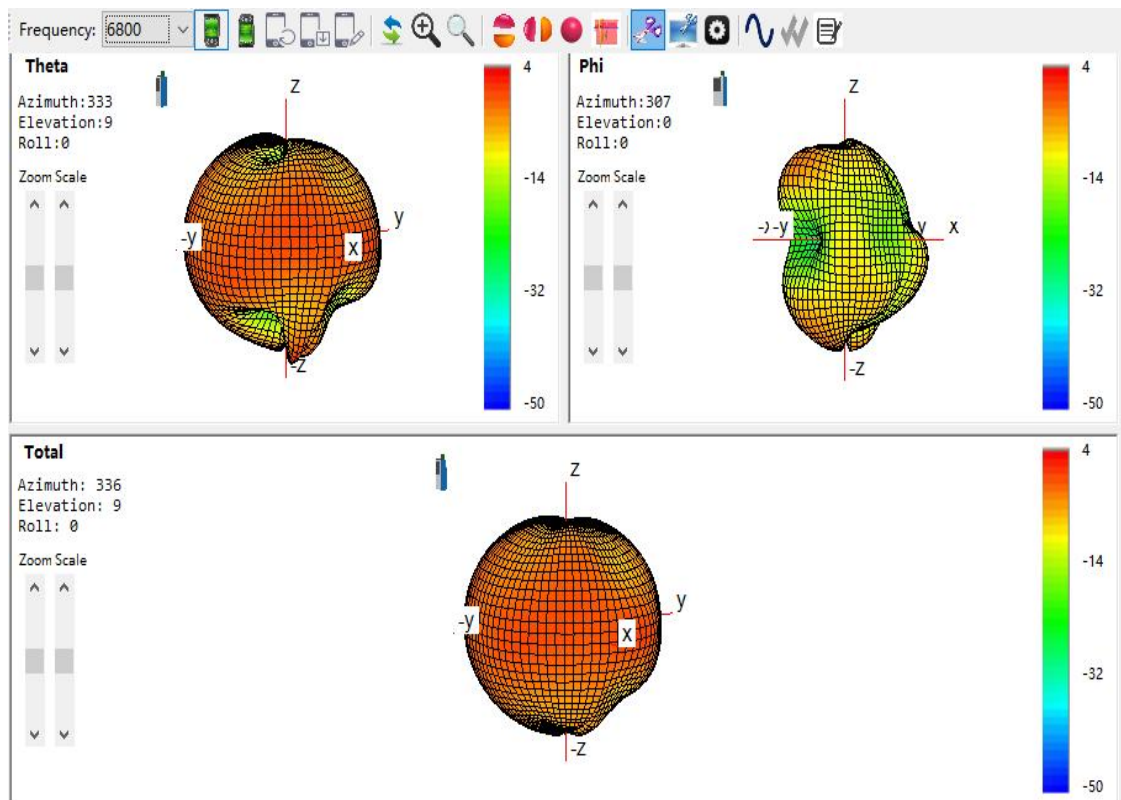
6200MHz Gain=4.79dBi



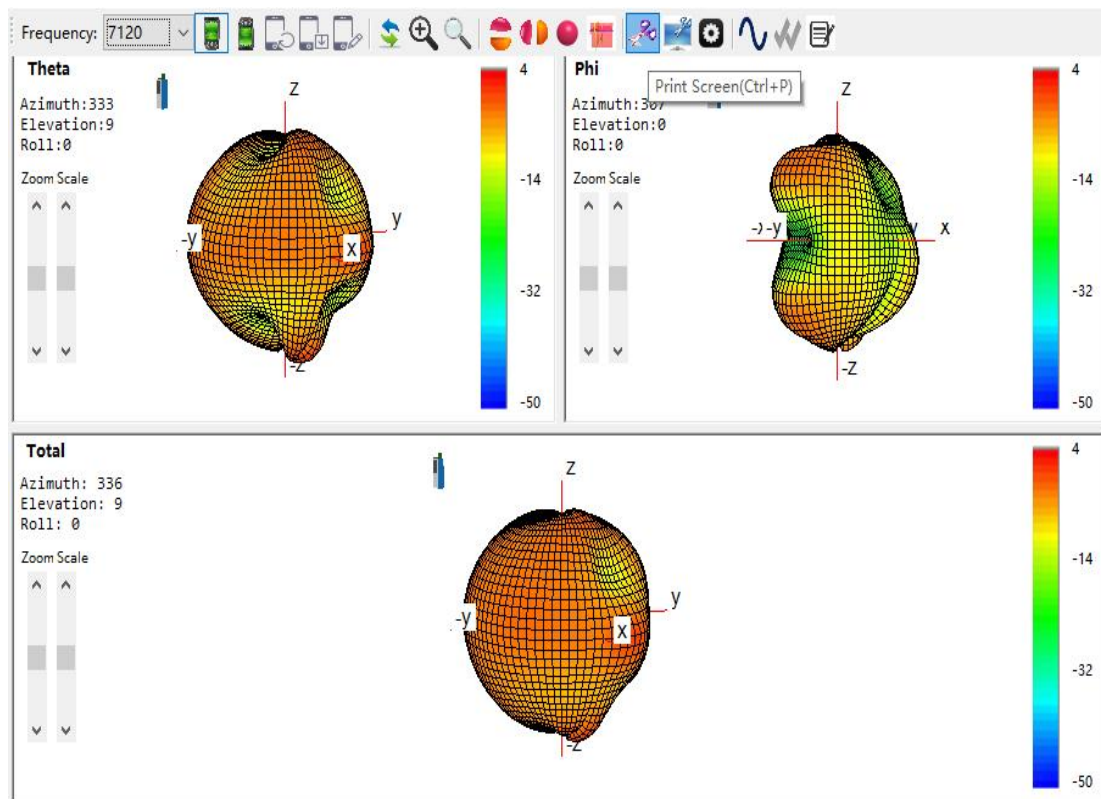
6500MHz Gain=3.05dBi



6800MHz Gain=2.68dBi



7120MHz Gain=1.79dBi



HOUSING CONFIGURATIONS

