

Recamera Antenna



PRODUCTS

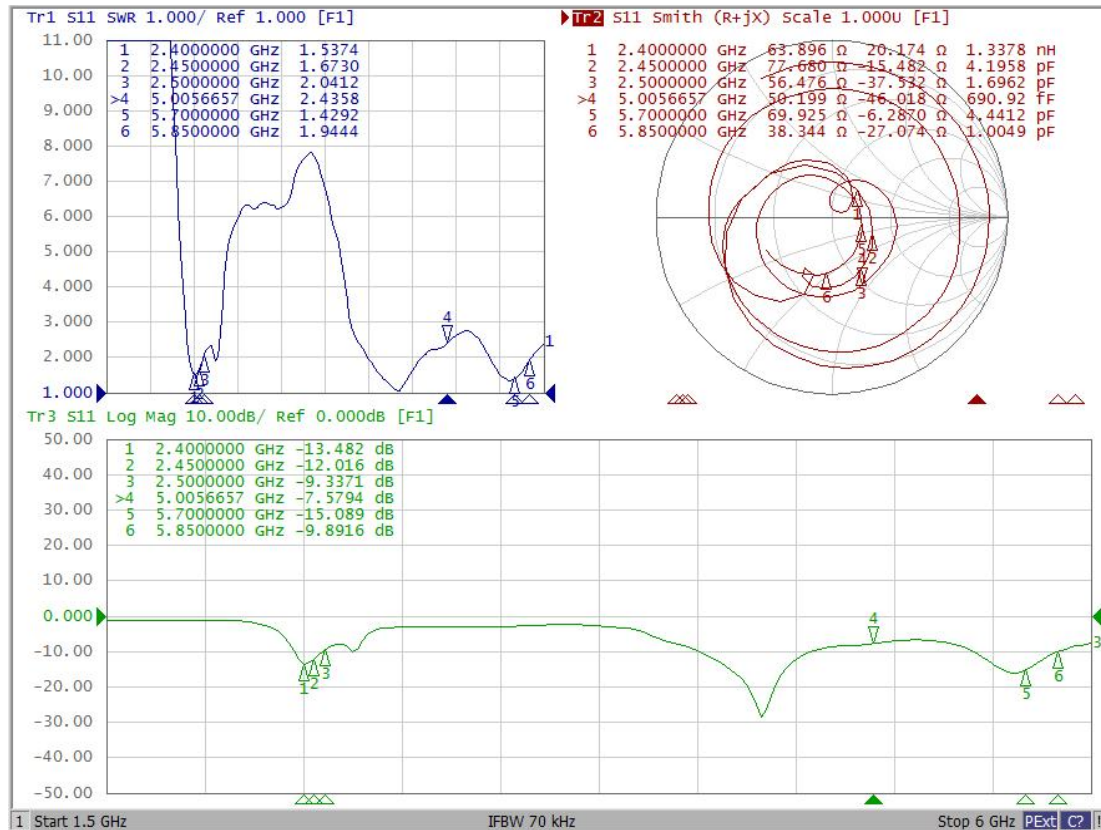
Part No.	Weight	Dimensions (L x W x H)	Color
M04-0104210R0A		13.95*9.9*3.3mm	Silvery

SPECIFICATIONS

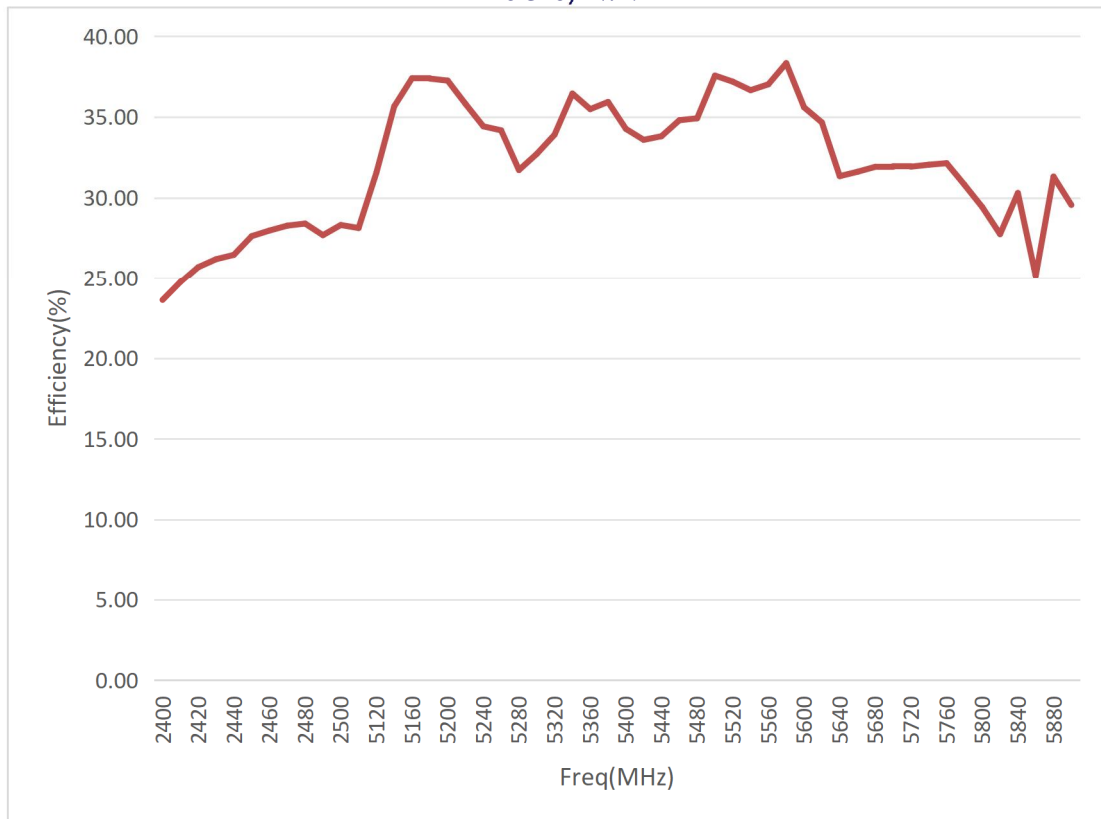
PARAMETER	SPECIFICATION	
Frequency Bands, MHz	2400-2500	5100-5900
VSWR (Max)	3.3:1	
Peak Gain, dBi (Typ)	Up to 1.34	
Peak Efficiency(%)	Up to 38.34	
Nominal Impedance	50 Ω	
Max Power (ambient temp of 25°C)	10 Watts	
Azimuth Beam Width (deg)	Omnidirectional	
Polarization	Linear, Omnidirectional	
Storage Temperature Range (°C)	-40° C to +85° C	
Operational Temperature Range (°C)	-30° C to +80° C	
Material Substance Compliance	RoHS Compliant	

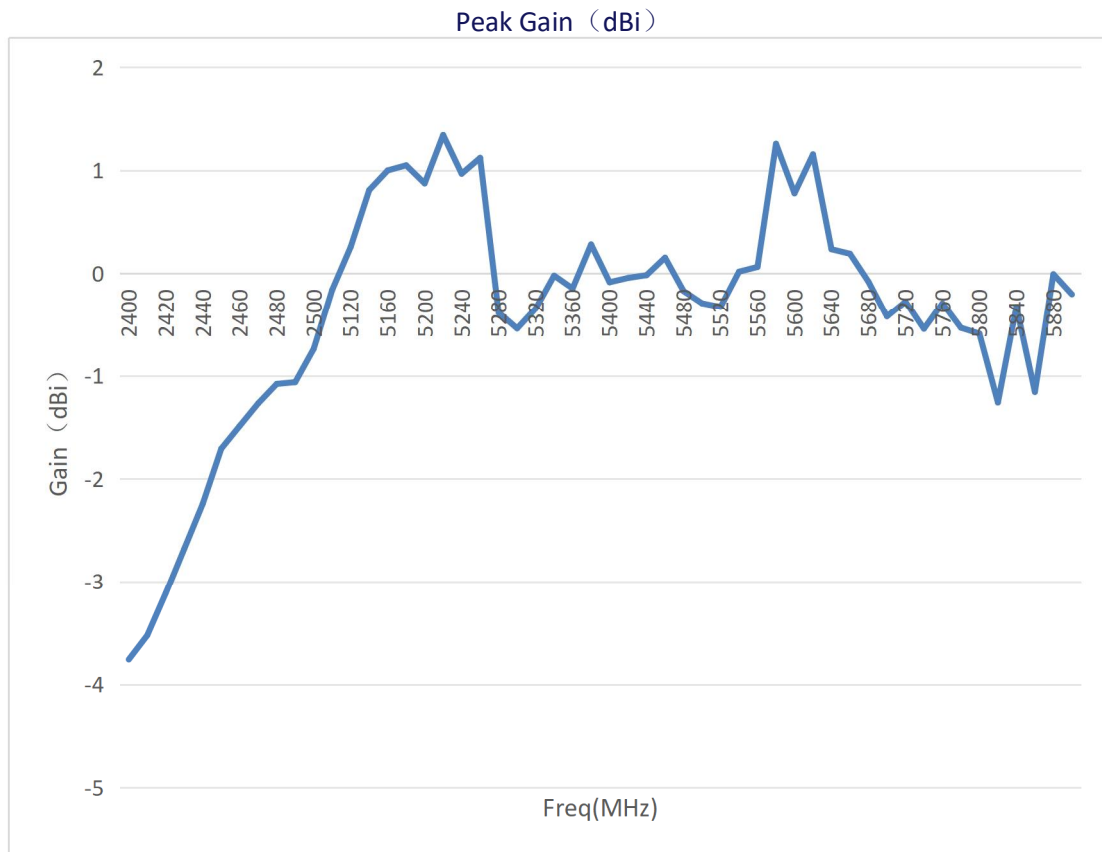
ELECTRICAL DATA

Return Loss



Efficiency (%)



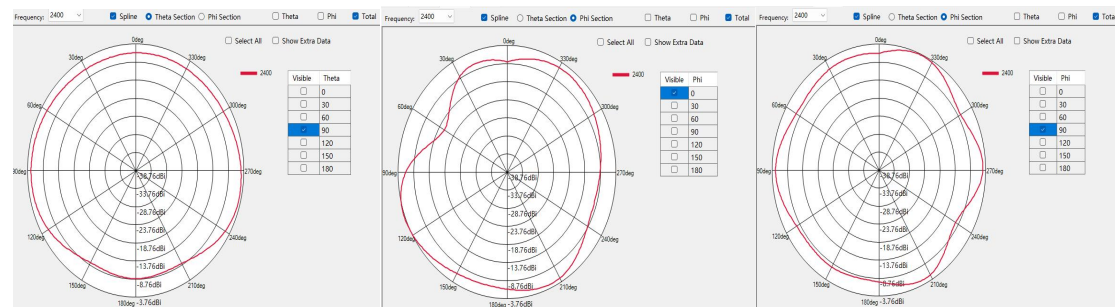


Efficiency and gain data

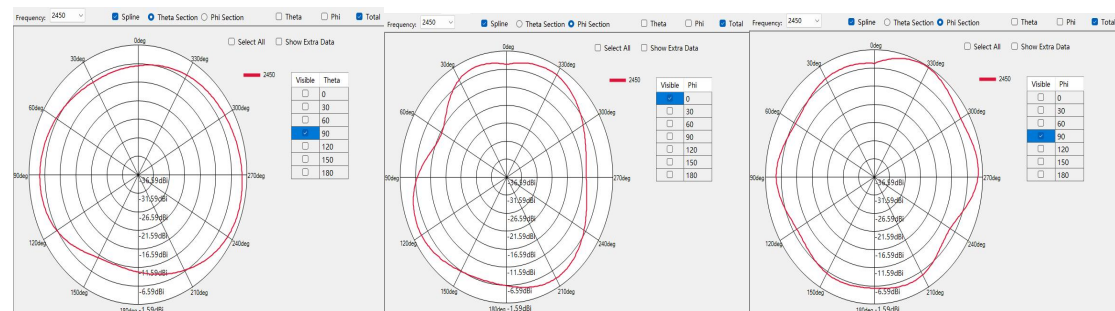
Freq(MHz)	Gain (dBi)	Efficiency (%)	Freq(MHz)	Gain (dBi)	Efficiency (%)	Freq(MHz)	Gain (dBi)	Efficiency (%)
2400	-3.76	23.62	5240	0.97	34.42	5600	0.78	35.60
2410	-3.52	24.74	5260	1.12	34.18	5620	1.16	34.67
2420	-3.11	25.69	5280	-0.38	31.72	5640	0.24	31.34
2430	-2.68	26.19	5300	-0.54	32.72	5660	0.19	31.61
2440	-2.24	26.46	5320	-0.34	33.91	5680	-0.08	31.92
2450	-1.71	27.62	5340	-0.02	36.45	5700	-0.42	31.95
2460	-1.49	27.97	5360	-0.15	35.49	5720	-0.28	31.93
2470	-1.27	28.27	5380	0.28	35.93	5740	-0.54	32.05
2480	-1.08	28.40	5400	-0.08	34.27	5760	-0.29	32.14
2490	-1.06	27.68	5420	-0.04	33.59	5780	-0.53	30.81
2500	-0.74	28.31	5440	-0.02	33.81	5800	-0.59	29.42
5100	-0.16	28.13	5460	0.15	34.80	5820	-1.26	27.75
5120	0.26	31.56	5480	-0.17	34.92	5840	-0.33	30.29
5140	0.81	35.66	5500	-0.29	37.57	5860	-1.16	25.16
5160	1.00	37.40	5520	-0.33	37.19	5880	-0.01	31.31
5180	1.05	37.38	5540	0.02	36.66	5900	-0.20	29.55
5200	0.87	37.26	5560	0.06	37.03			
5220	1.34	35.81	5580	1.26	38.34			

RADIATION PATTERNS

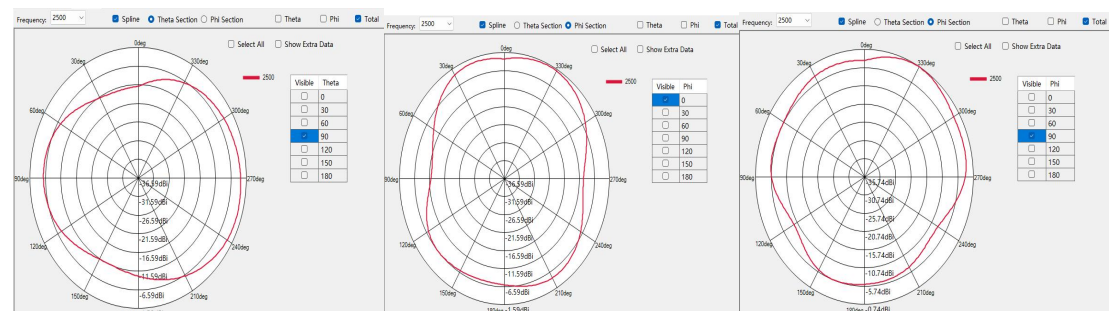
2D Radiation Pattern at 2400MHz



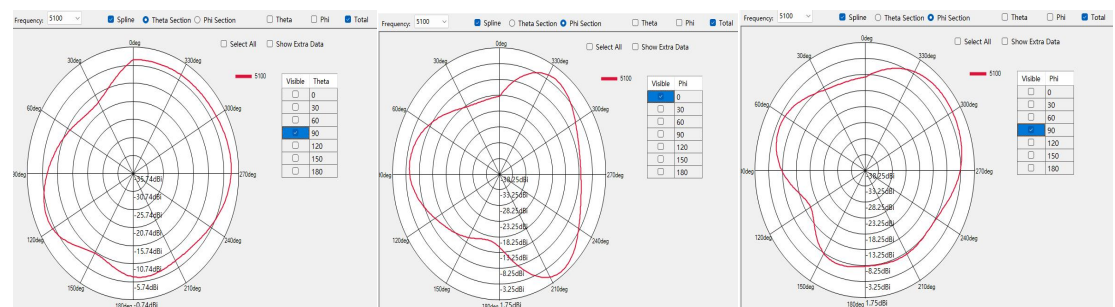
2D Radiation Pattern at 2450MHz



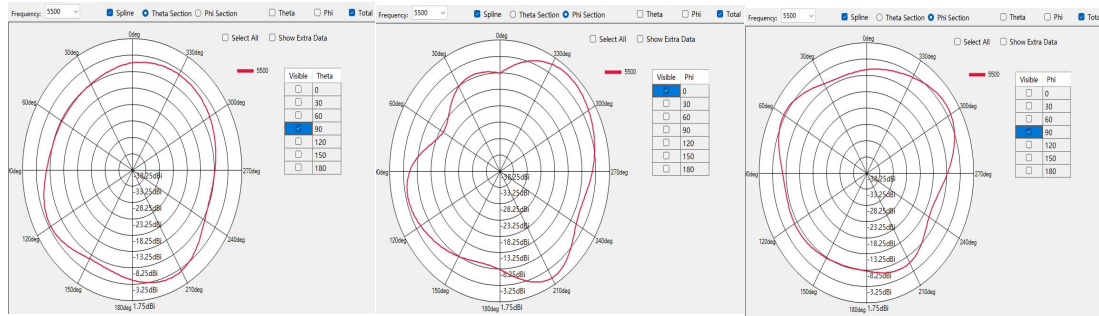
2D Radiation Pattern at 2500MHz



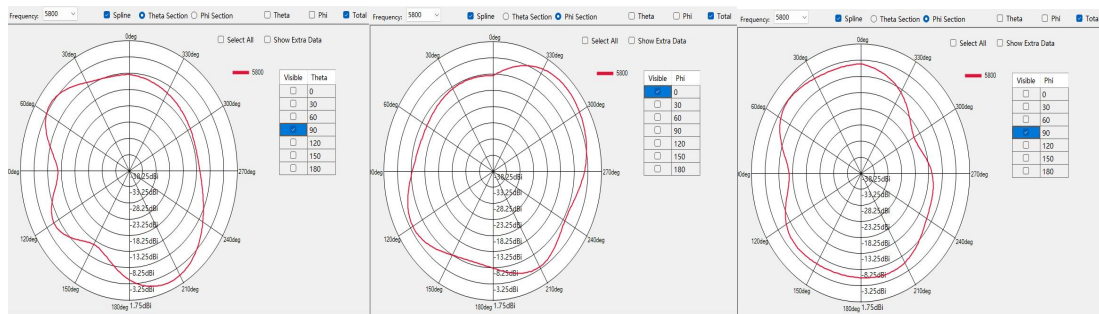
2D Radiation Pattern at 5100MHz



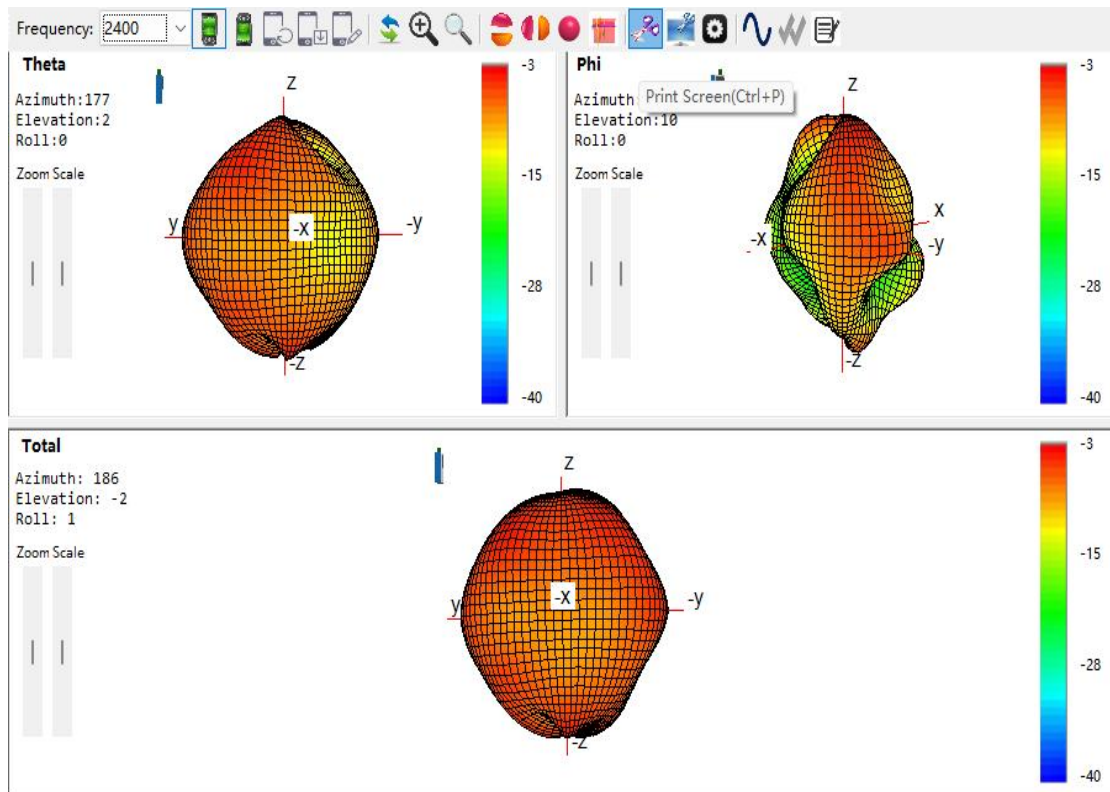
2D Radiation Pattern at 5500MHz



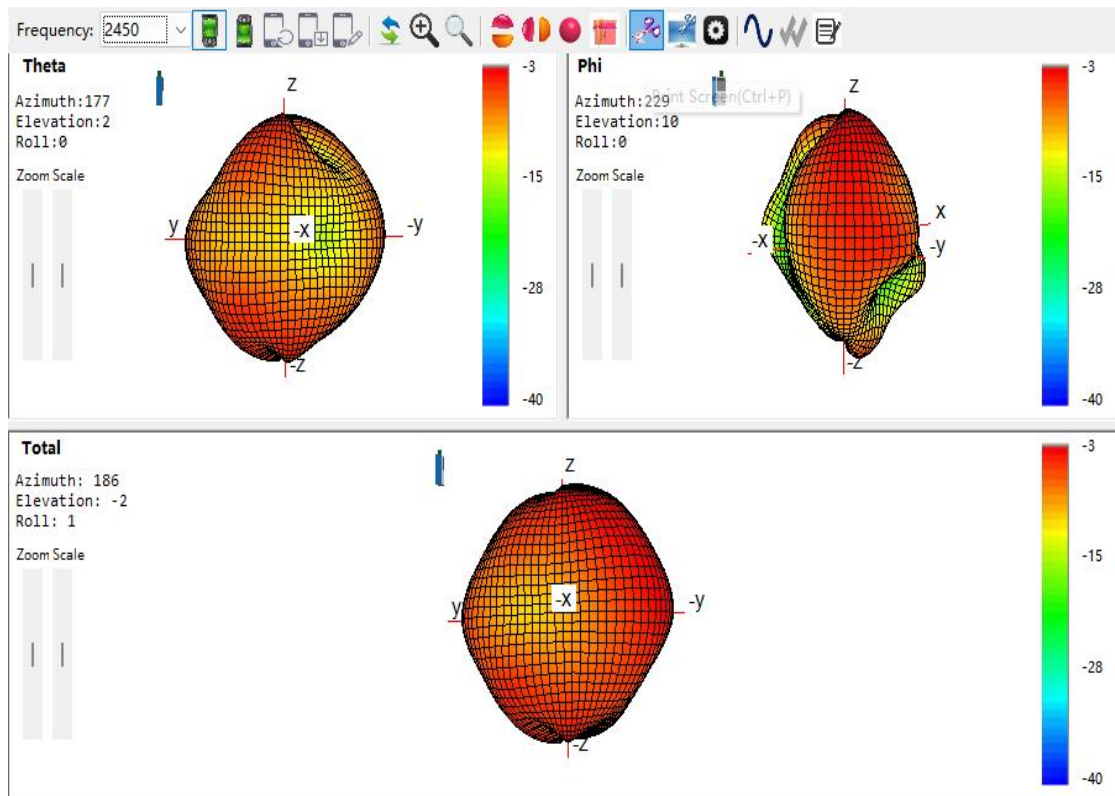
2D Radiation Pattern at 5800MHz



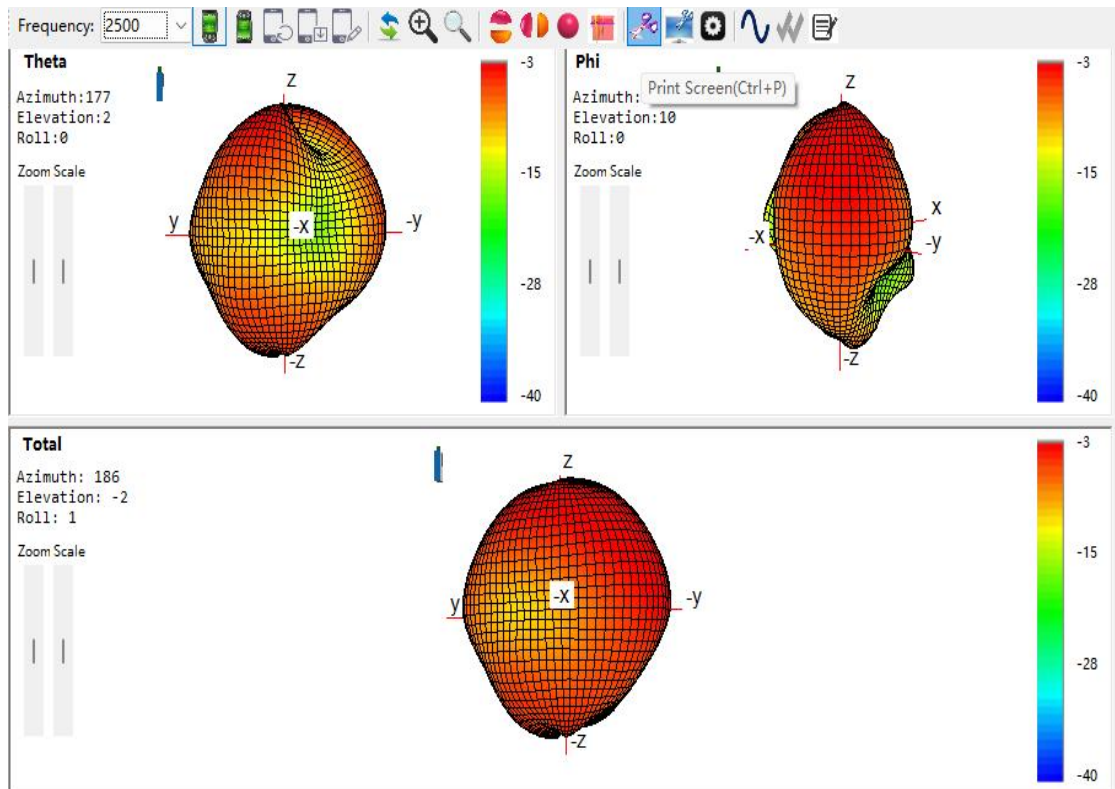
3D Radiation Pattern at 2400MHz



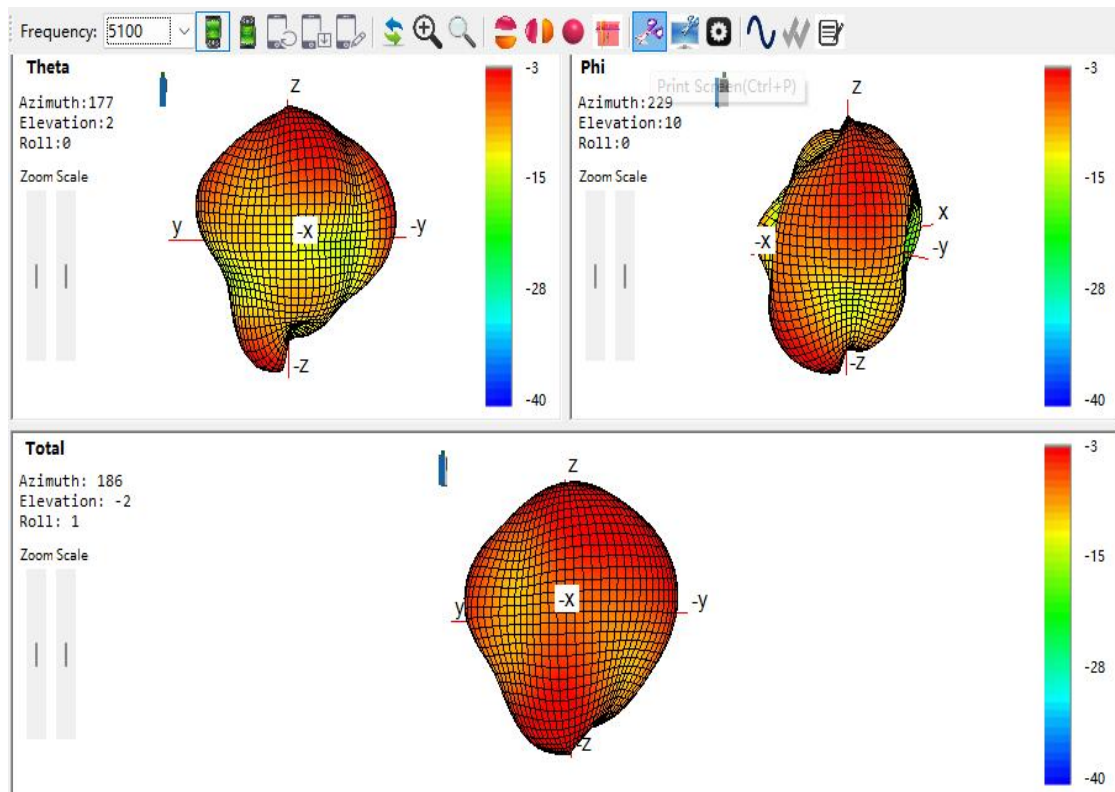
3D Radiation Pattern at 2450MHz



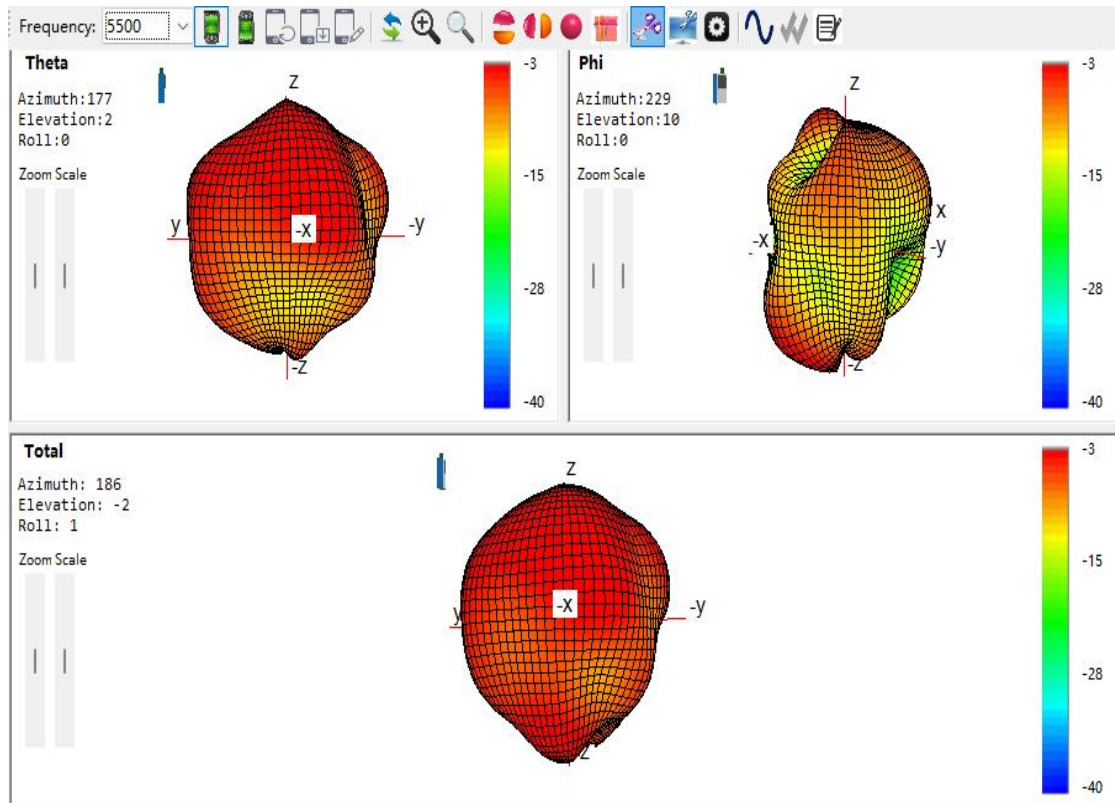
3D Radiation Pattern at 2500MHz



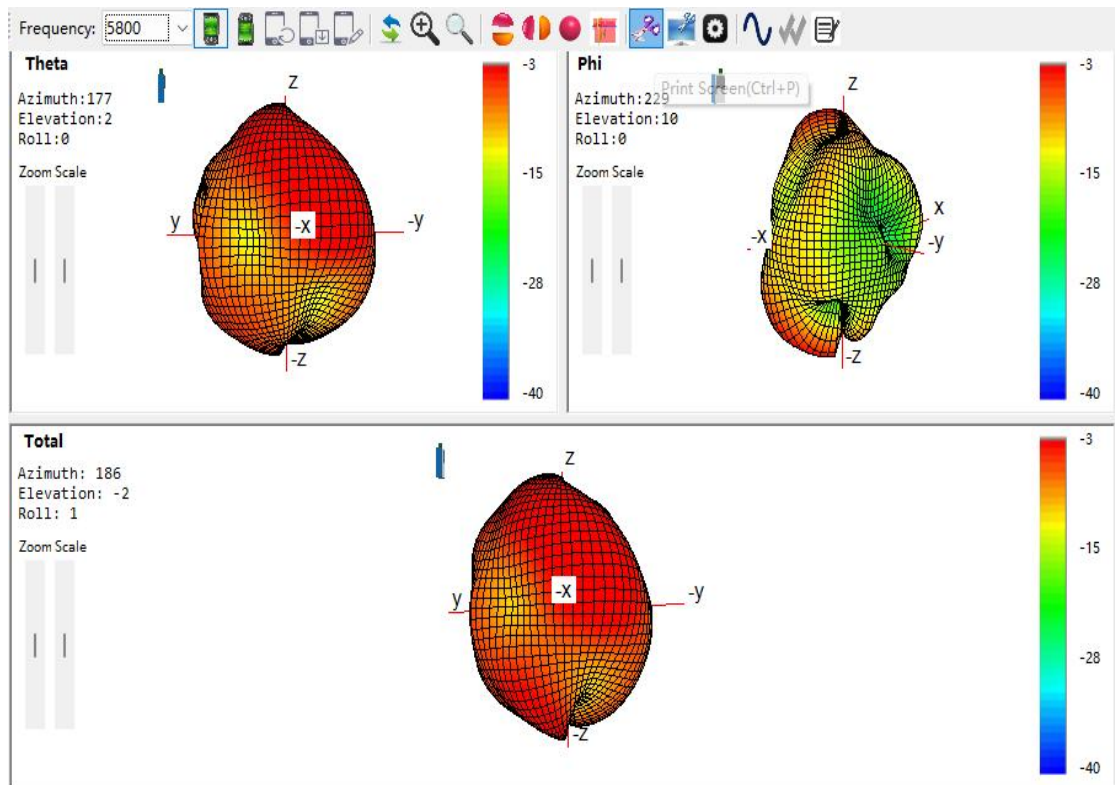
3D Radiation Pattern at 5100MHz



3D Radiation Pattern at 5500MHz



3D Radiation Pattern at 5800MHz



Active testing

	TRP	TIS
1	17.77	-65.64
7	18.26	-65.46
11	18.09	-60.41
36	9.86	-63.99
149	10.64	-67.4
165	10.45	-66.61

HOUSING CONFIGURATIONS

