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Make Communication Easy and Freely

## SPECIFICATION FOR APPROVAL

CUSTOMER:

CUSTOMER PARTNO:

SUPPLIER: Shenzhen Feasycom Co.,LTD

Product model: WIFI 7F35.2x8.5 L110CM1 Antenna

Product name: WIFI 7F35.2x8.5 L110CM1 Antenna(M01-0201760R0A)

Product code: F12E00081A0

CUSTOMER SIGNATURE:

CUSTOMER SEAL:

SUPPLIER SIGNATURE:

SUPPLIER SEAL:

NOTE: PLEASE RETURN THIS COPY AS A CERTIFICATION OF YOUR APPROVAL

Prepared by:

Dong Chunling

Date:

2024-12-16

Add:

Rm 508, Building A, Fenghuang Zhigu,  
No. 50, Tiezai Road, Xixiang, Baoan  
District, Shenzhen, 518100, China.

Tel:

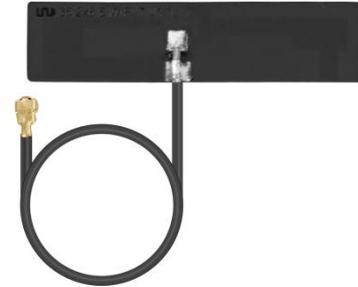
0755-27924639

# WIFI 7F35.2x8.5 L110CM1 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

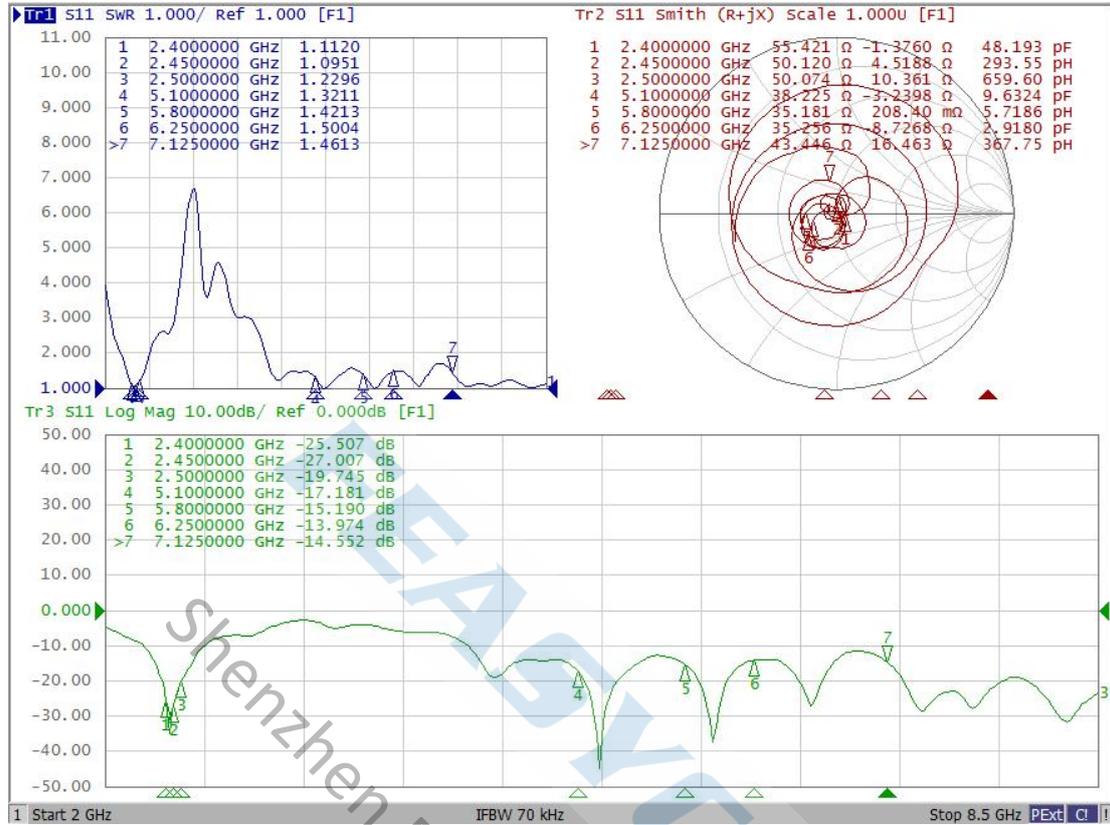
Part No.	Weight	Dimensions (L x WxH)	Cables Dimensions	Connector	Color
(M01-0201760R0A) F12E00081A0	0.5g	FPC:35.2*8.5*0.2 mm	Φ 1.13*110.0mm	IPX1	Black

## SPECIFICATIONS

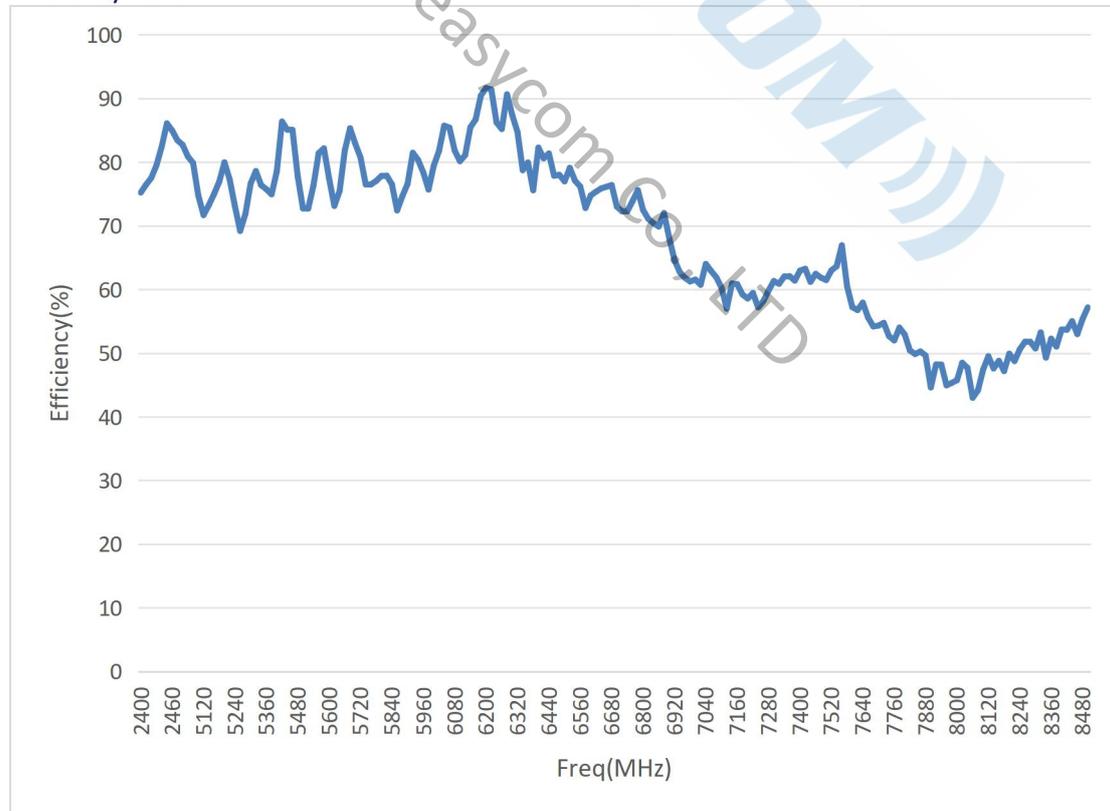
PARAMETER	SPECIFICATION	
Frequency Bands, MHz	2400-2500	5100-7200
VSWR (Max)	2:1	
Peak Gain, dBi (Typ)	Up to 4.79	
Peak Efficiency, %	91.39	
Nominal Impedance	50 Ω	
Max Power (ambient temp of 25°C)	10 Watts	
Azimuth Beam Width (deg)	Omnidirectional	
Polarization	Linear	
Color	Black	
Storage Temperature Range (°C)	-40° C to +80° C	
Operational Temperature Range (°C)	-40° C to +80° C	
Material Substance Compliance	REACH/RoHS Compliant	

## ELECTRICAL DATA

### Return Loss

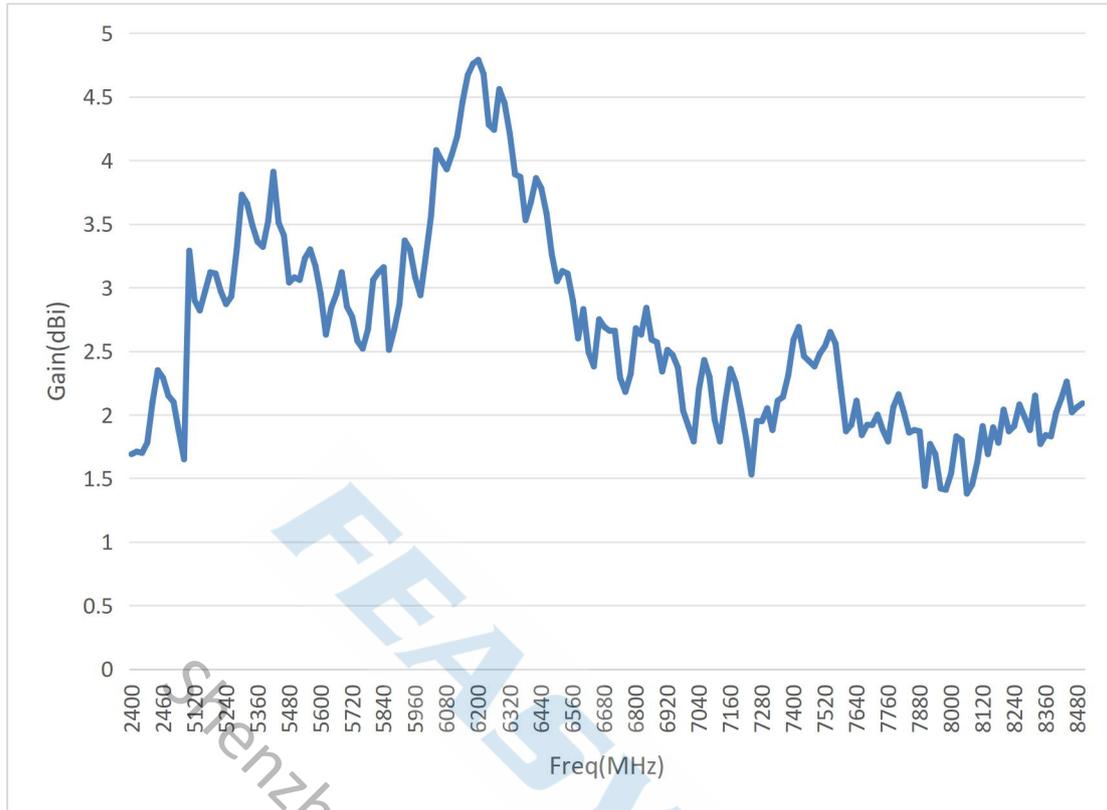


### Efficiency (%)





Peak Gain (dBi)



Freq(MHz)	Gain(dBi)	Efficiency(%)	Freq(MHz)	Gain(dBi)	Efficiency(%)	Freq(MHz)	Gain(dBi)	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

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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			

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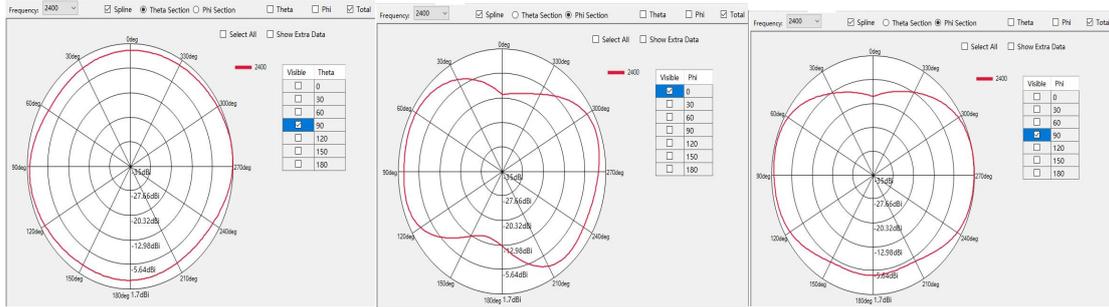
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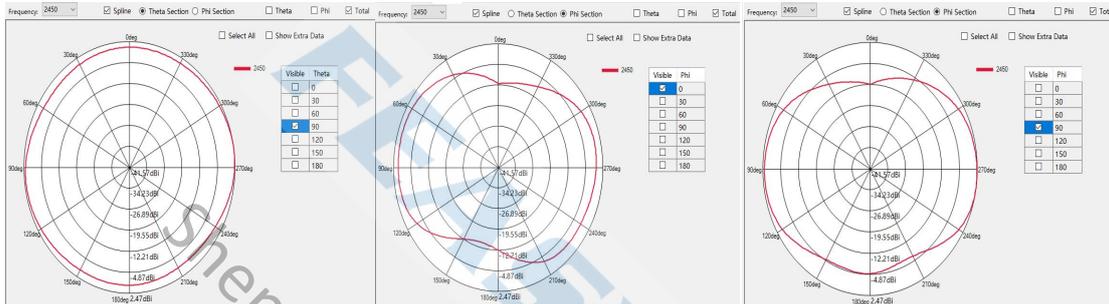


## RADIATION PATTERNS

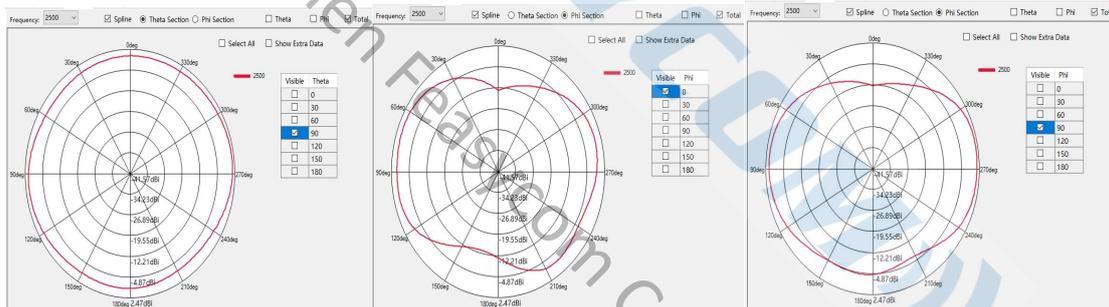
2400MHz Gain=1.69dBi



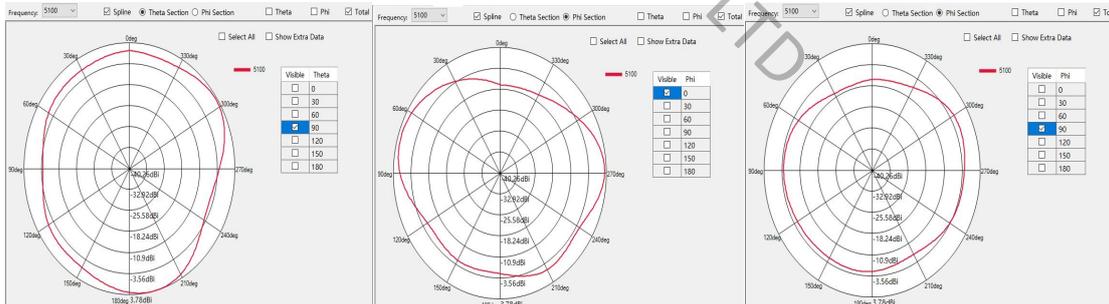
2450MHz Gain=2.35dBi



2500MHz Gain=1.65dBi



5100MHz Gain=3.29dBi



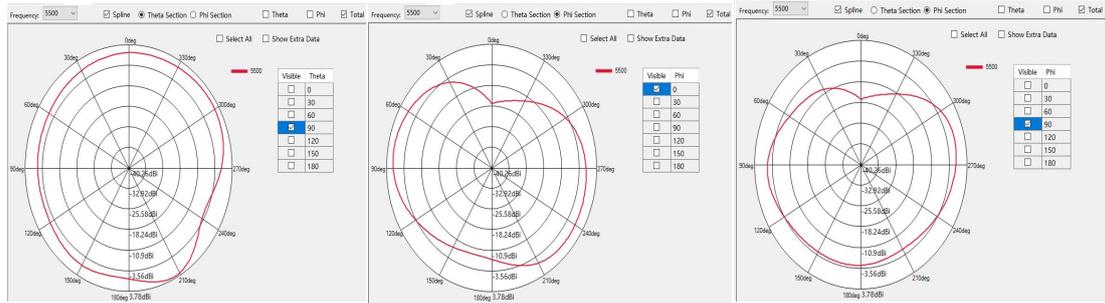
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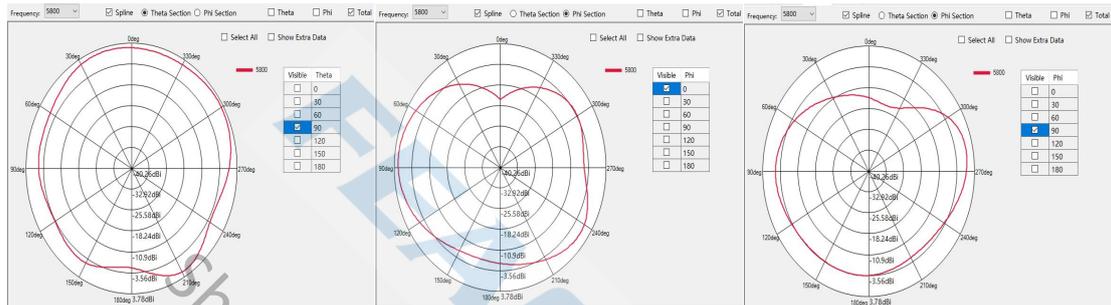
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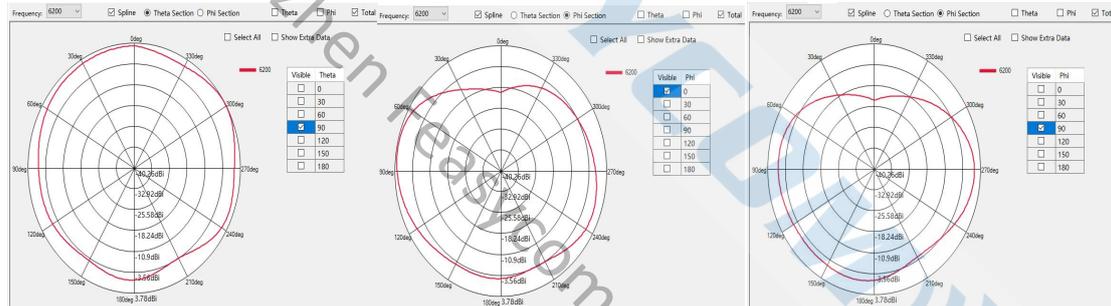
## 5500MHz Gain=3.08dBi



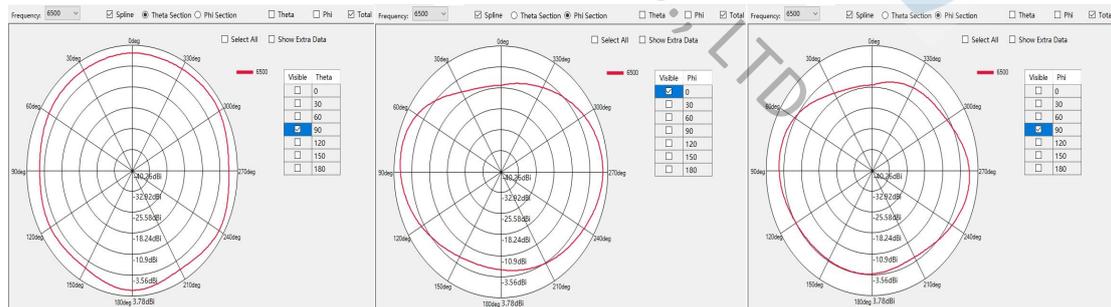
## 5800MHz Gain=3.06dBi



## 6200MHz Gain=4.79dBi



## 6500MHz Gain=3.05dBi



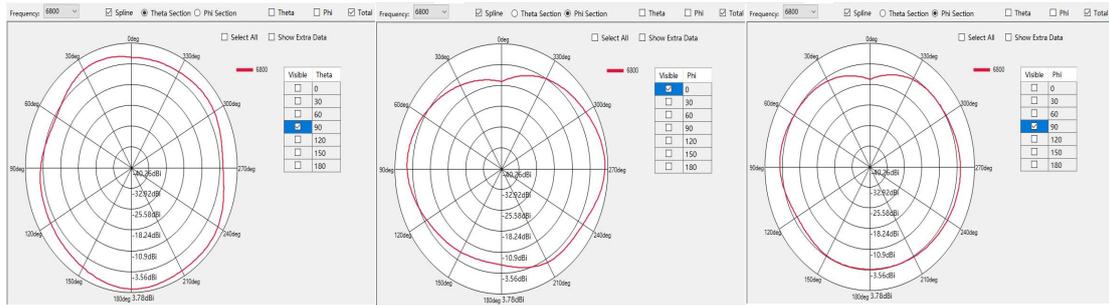
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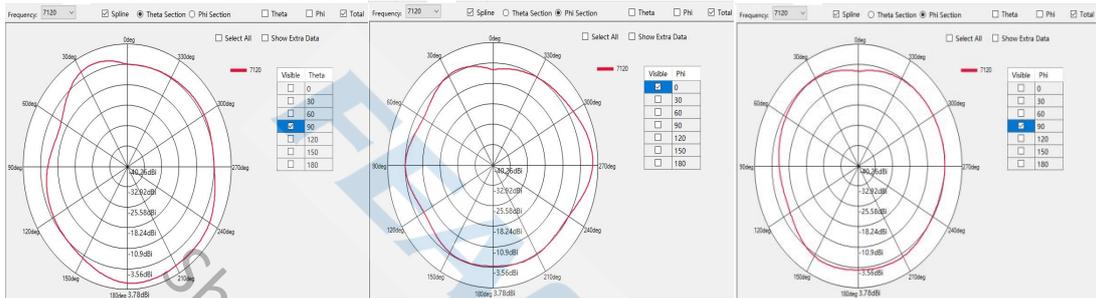
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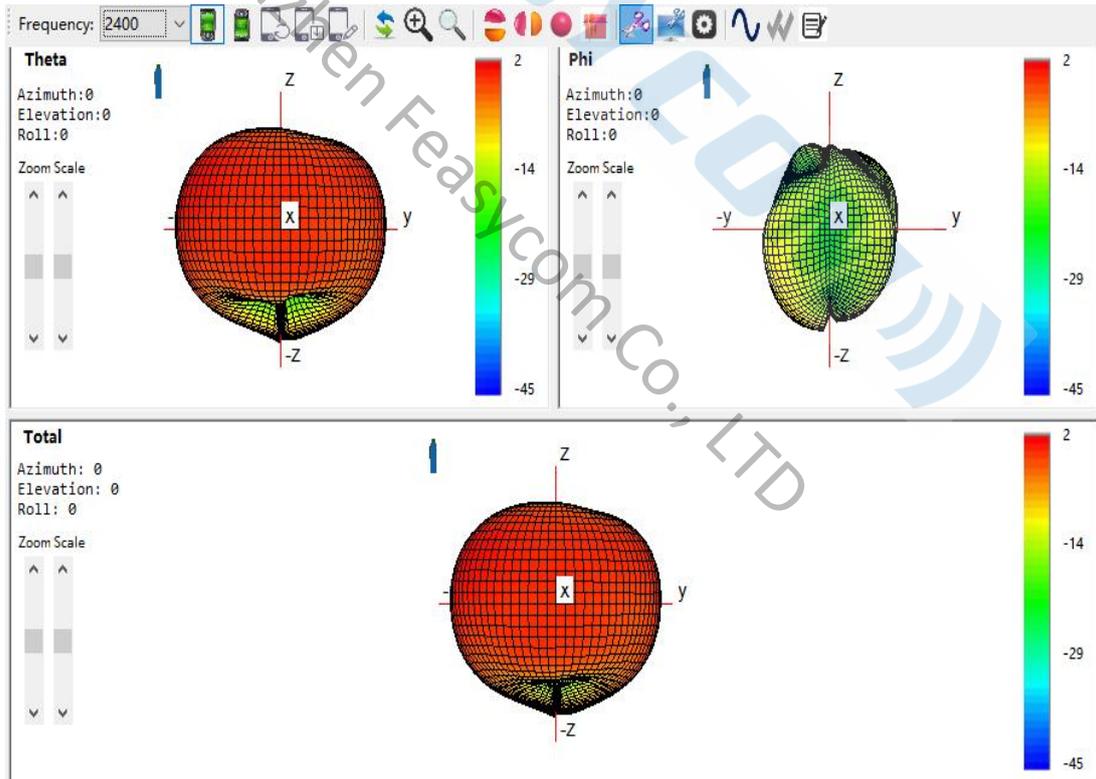
## 6800MHz Gain=2.68dBi



## 7120MHz Gain=1.79dBi



## 2400MHz Gain=1.69dBi



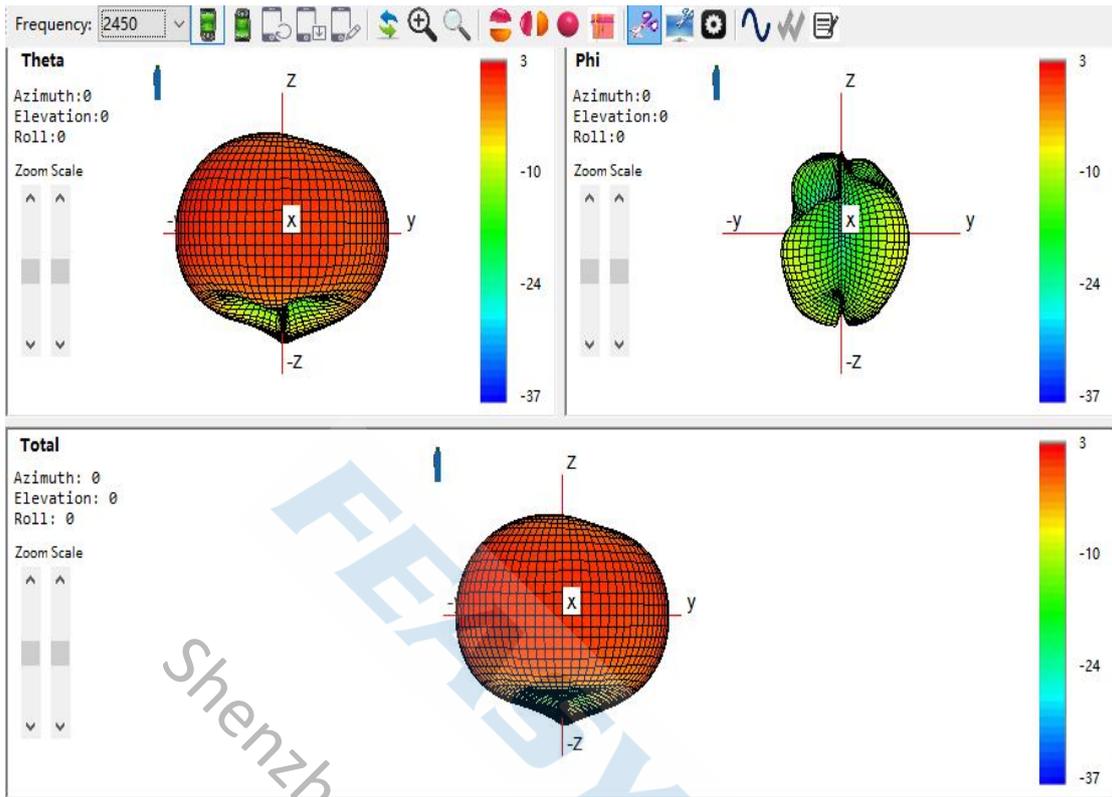
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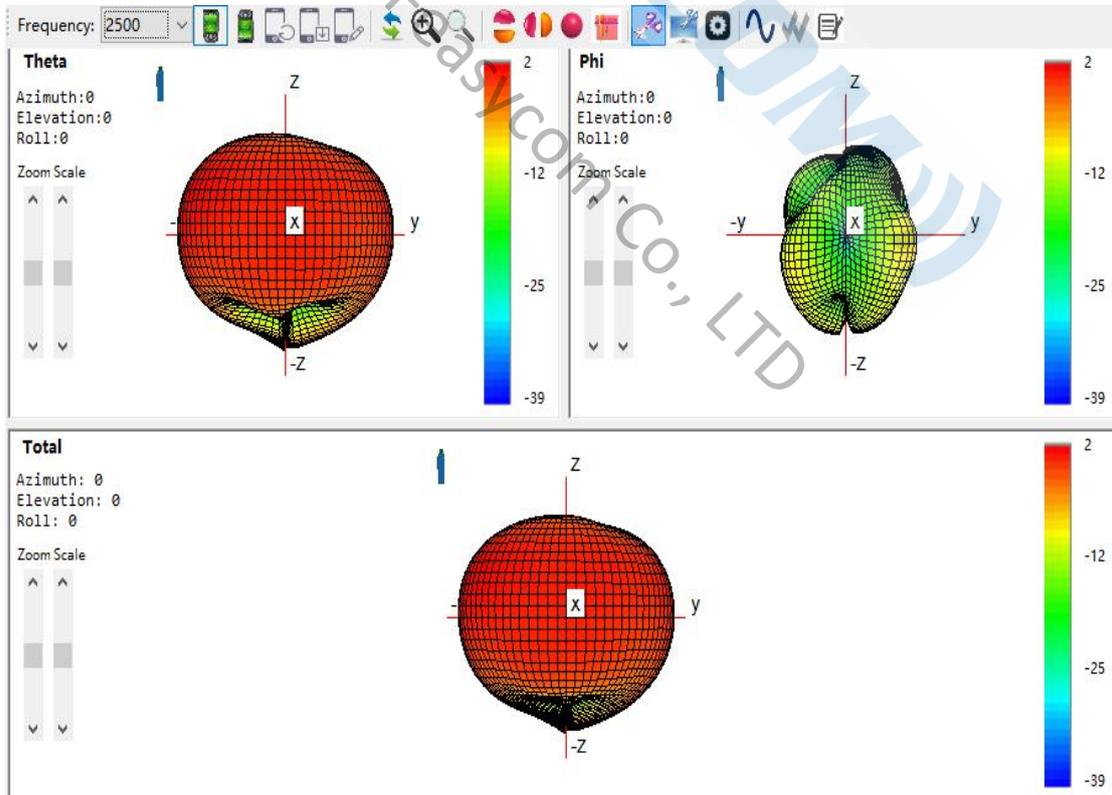
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2450MHz Gain=2.35dBi



2500MHz Gain=1.65dBi



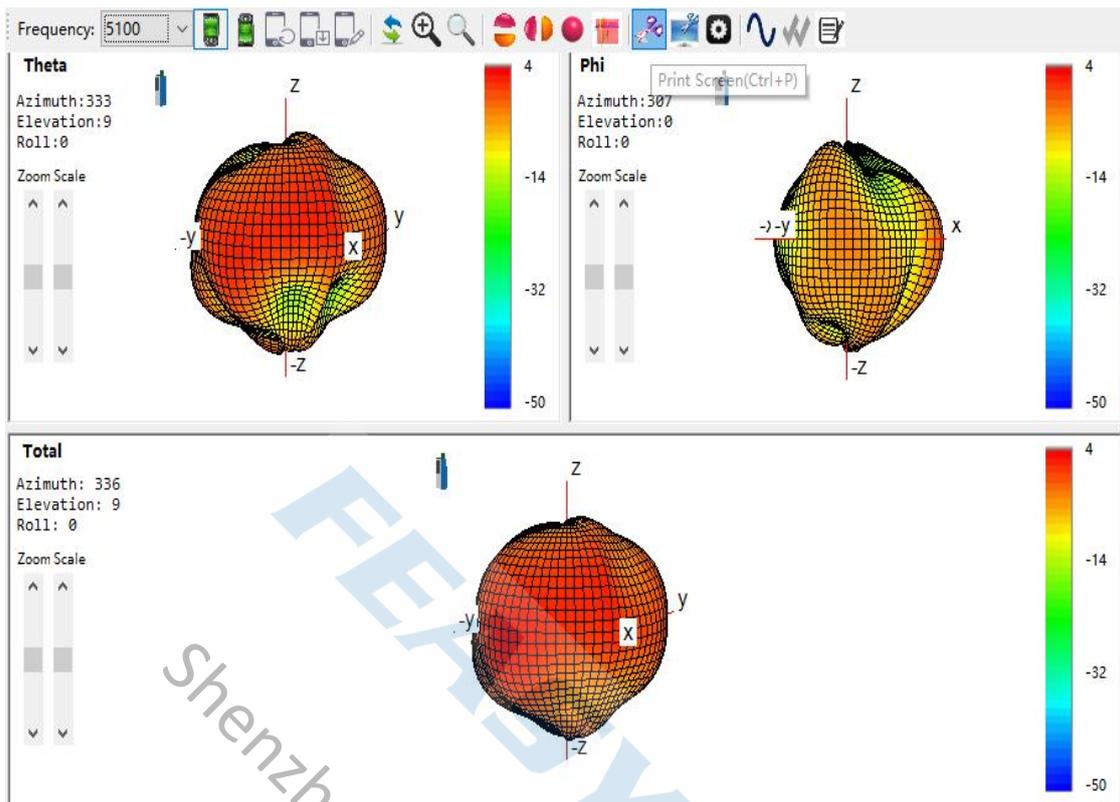
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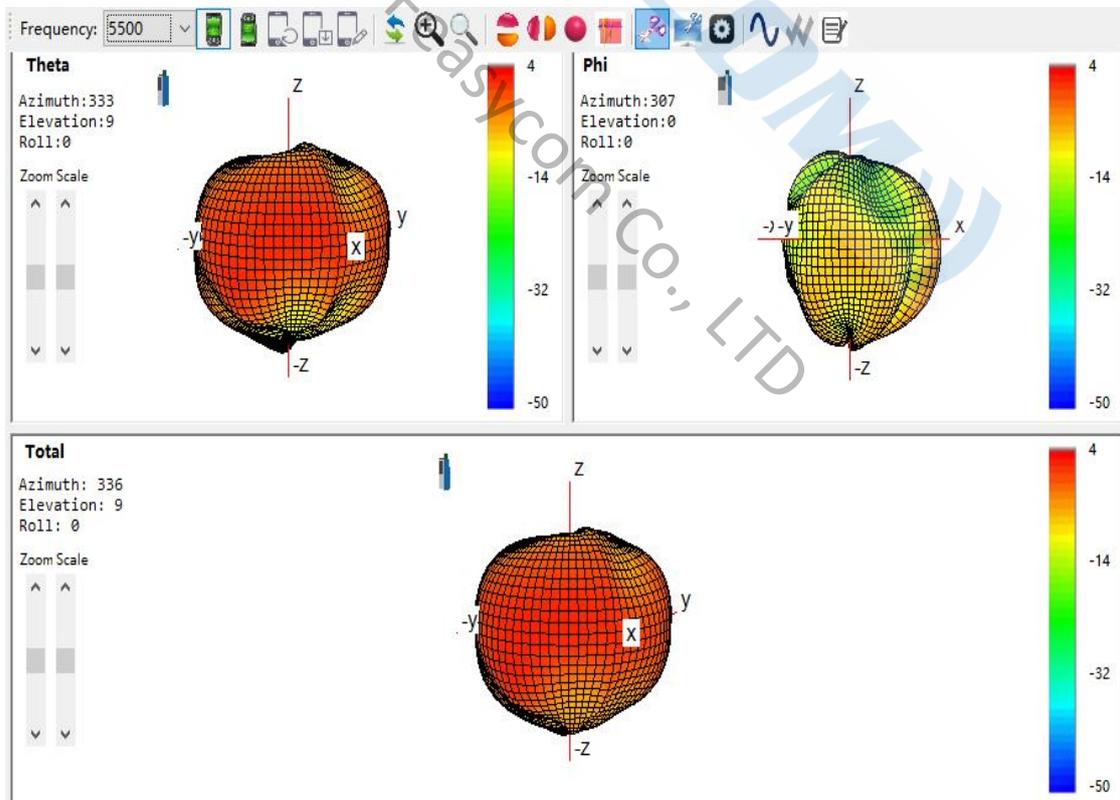
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5100MHz Gain=3.29dBi



5500MHz Gain=3.08dBi



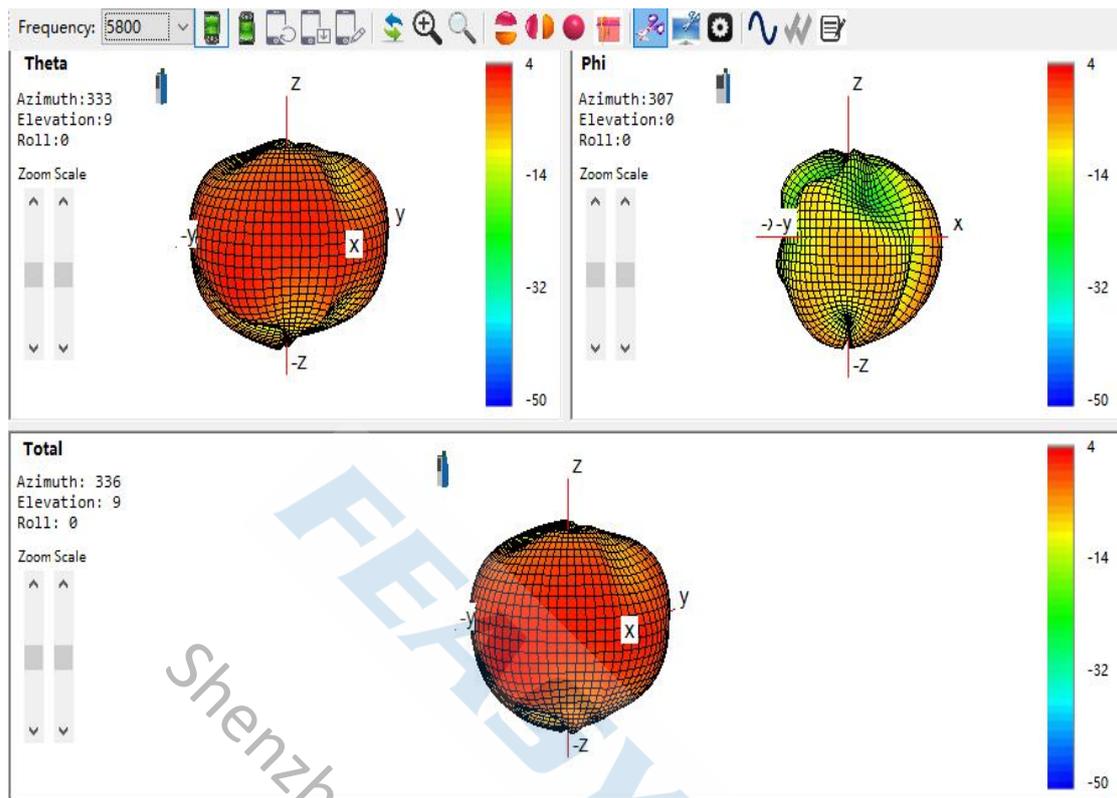
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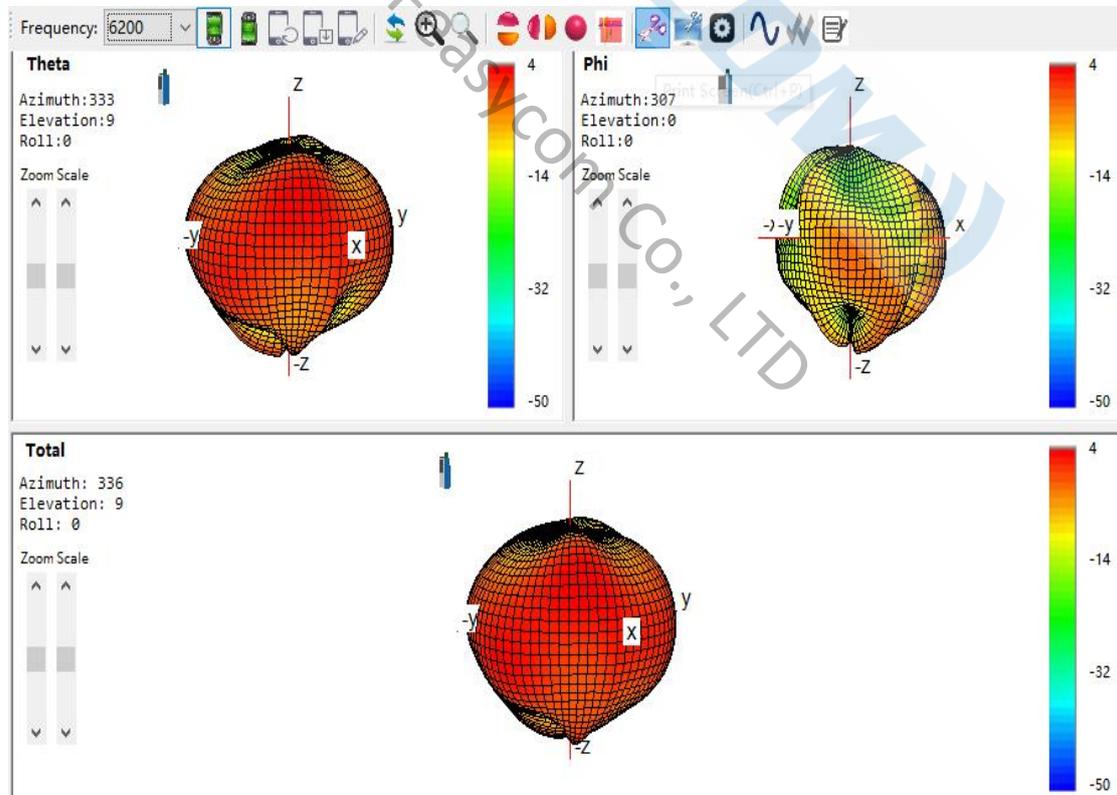
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5800MHz Gain=3.06dBi



6200MHz Gain=4.79dBi

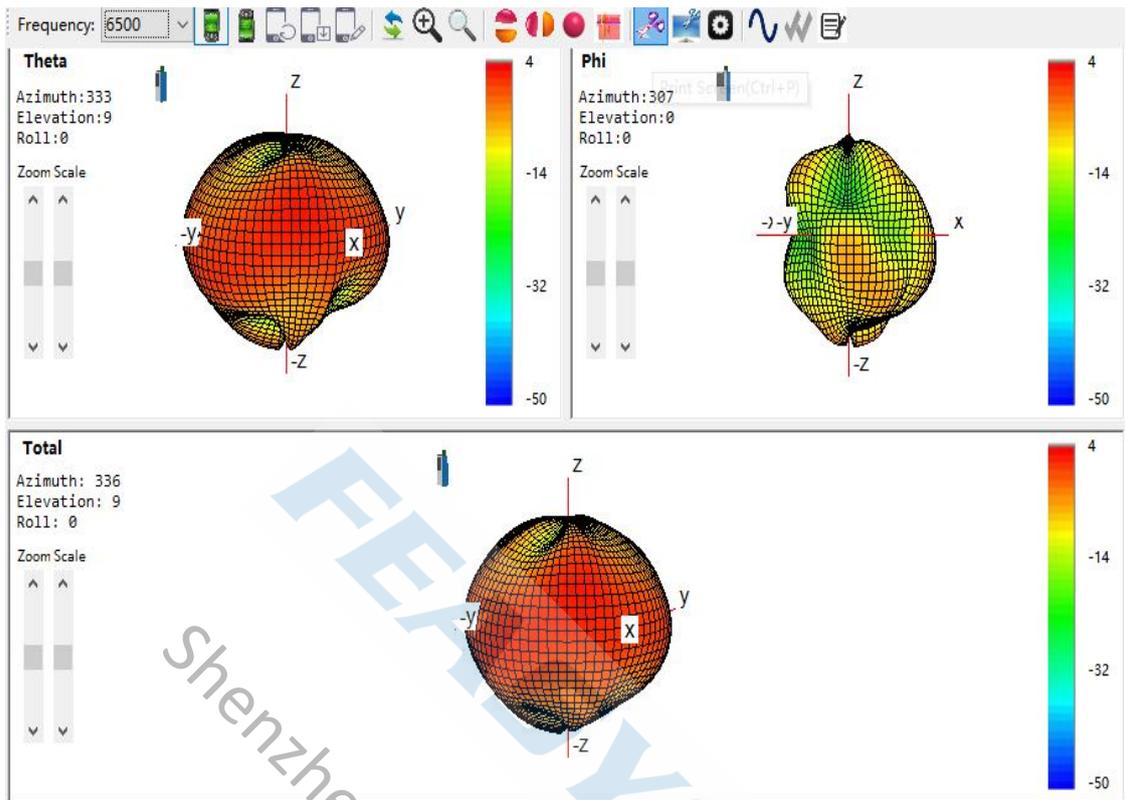


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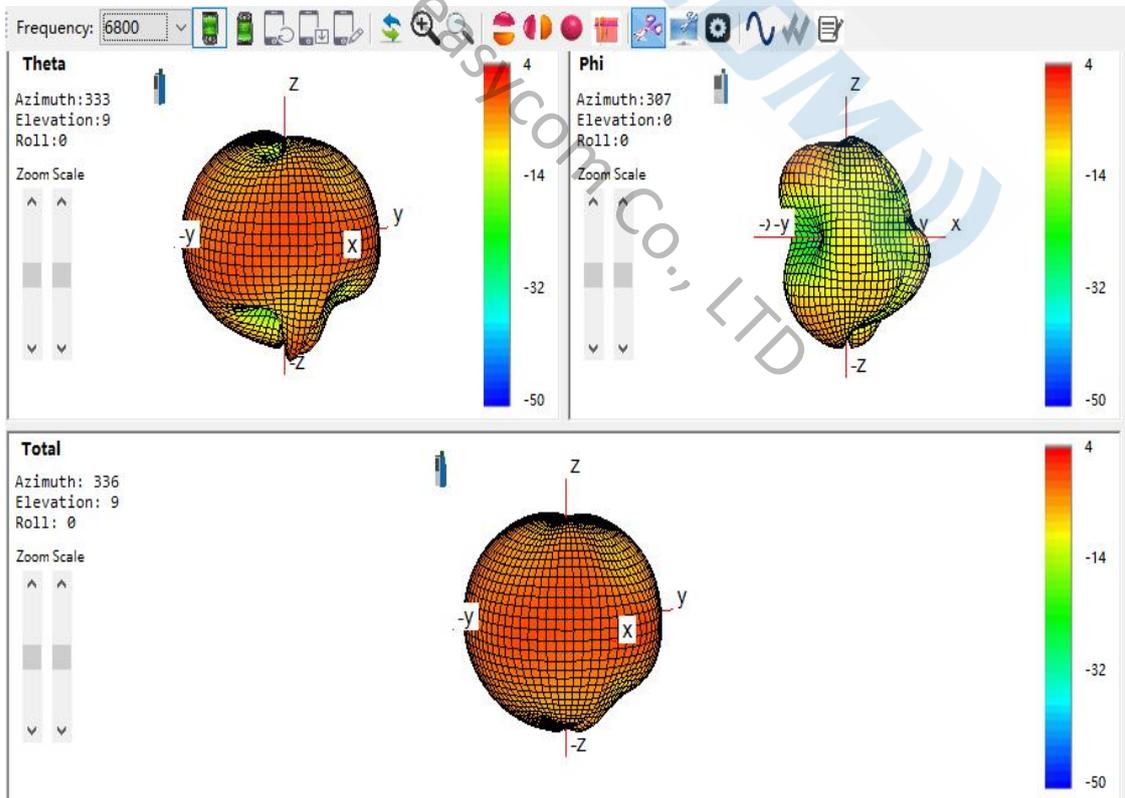
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6500MHz Gain=3.05dBi

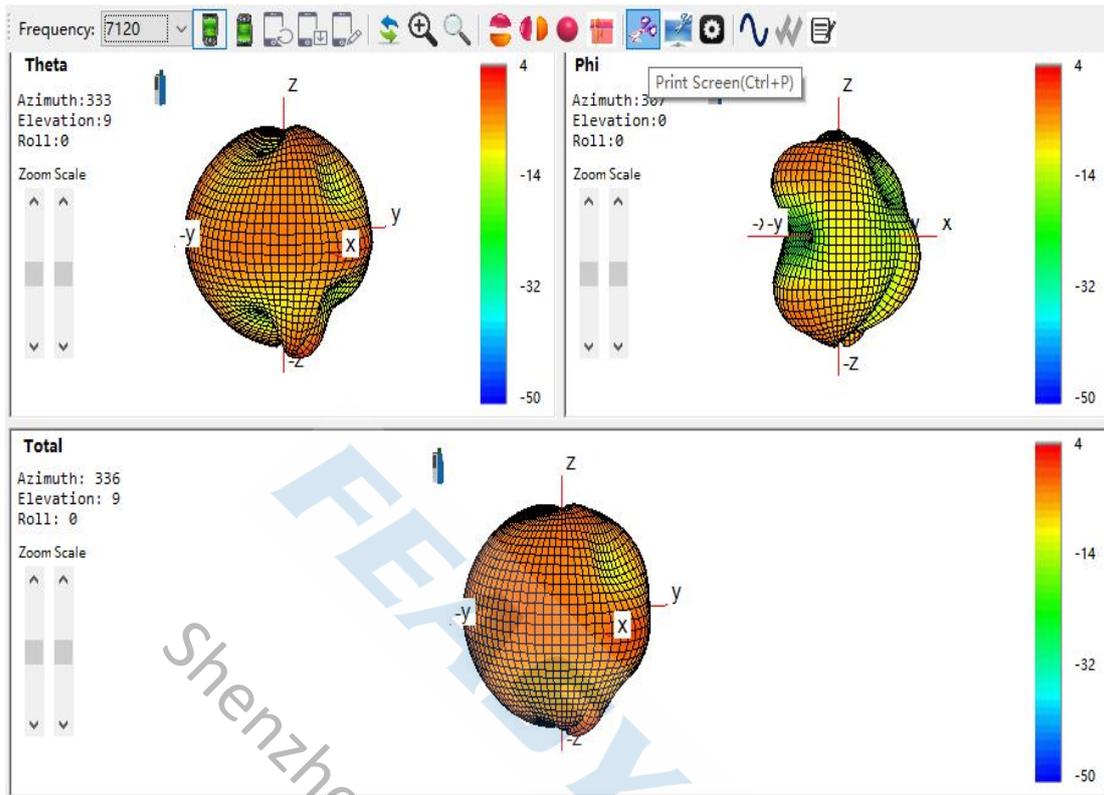


6800MHz Gain=2.68dBi





7120MHz Gain=1.79dBi



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## HOUSING CONFIGURATIONS

