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_____R6_____Approval

SenseTime Project Number	R6
SenseTime Part Number	
Supplier Name	R6 WIFI Antenna
Supplier Part Number	M01-0202340R0A
Supplier Material Version Number	V1.5 Version
Sample Delivery Date	2025-12-08

(Supplier Name) Confirmation			
	Draft	Review	Approve
Signatory			
Date			
SenseTime Confirmation			
Approval Opinion			
Approved by			
Date			

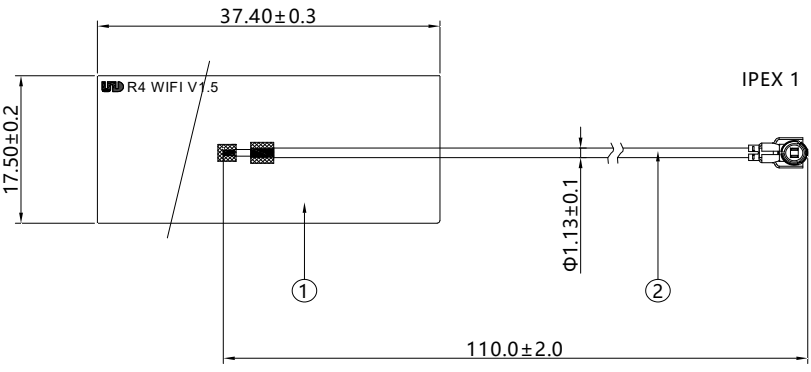
Supplier Contact Address: 410, FenghuangZhigu, No. 50Street, TiezaiRoad, Gongle Community, XixiangBao' anDistrict, ShenzhenCity	
Contact Person: Dong Chunling	
Telephone:: 17302686536	
Email: ec@imyantenna.com	

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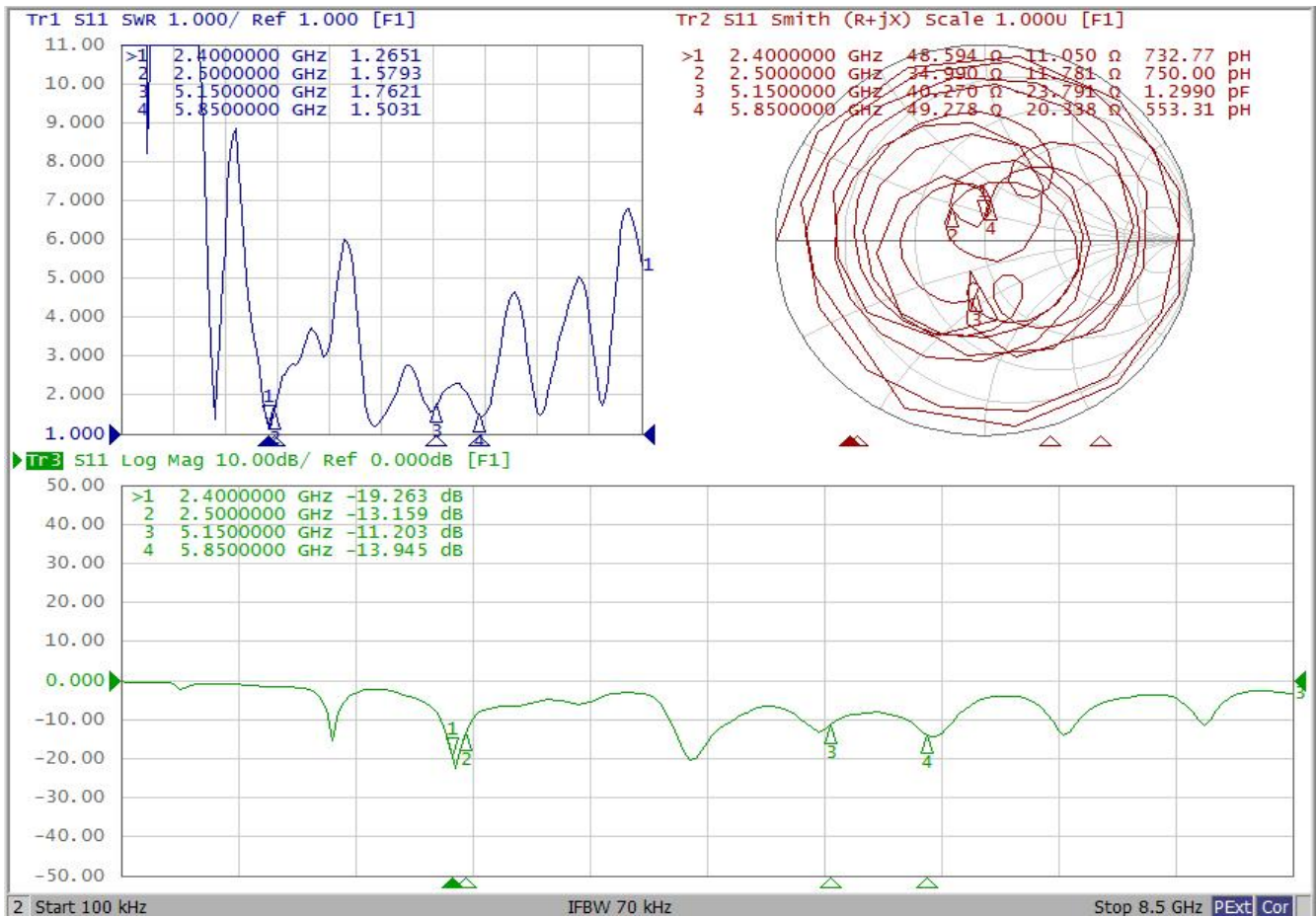
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3. Engineering Drawing

5	6	7	8
REV.	DESCRIPTION	APPD.	DATE
A	INITIAL RELEASED	Chen	2025/12/08
A			
B	B		
C	C		
D	Remark: - Frequency range: 2400-2500MHz; 5100-5850MHz - Impedance: 50 ohms - Total solder joint height after wire bonding: 1.8mm MAX (including release paper) - Linear polarization: Linear polarization - Temperature range: -40°C-85°C - All components comply with RoHS.		
E	E		
2	Coaxial Line	Black	Φ1.13*110mm
1	FPC	Black	37.4*17.5mm
No.	Name	Material	Color
DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED TOLERANCES ANGLES = ±3° UP TO 6 = ±0.1 6-40 = ±0.2 40-120 = ±0.6 120-315 = ±1.0 ABOVE 315 = ±1.6 CUS P/N: R6 PART NO.: M01-0202340R0A MyAntenna TITLE: R6			
APPD: 陈建功 CHKD: 陈建功 DR: 董有强 DWG NO.: SCALE: 1:1 SHEET: 1/1 REV: V01			
F	F		
5	6	7	8

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4.1.1 VSWR



4.1.2 Active Test

11b 11M		
Channel	TRP	TIS
1	18.95	-87.56
7	17.35	-87.42
13	18.41	-86.31

11gn mcs7 HT20		
Channel	TRP	TIS
1	15.02	-70.1
7	14.9	-70.65
13	14.54	-68.85

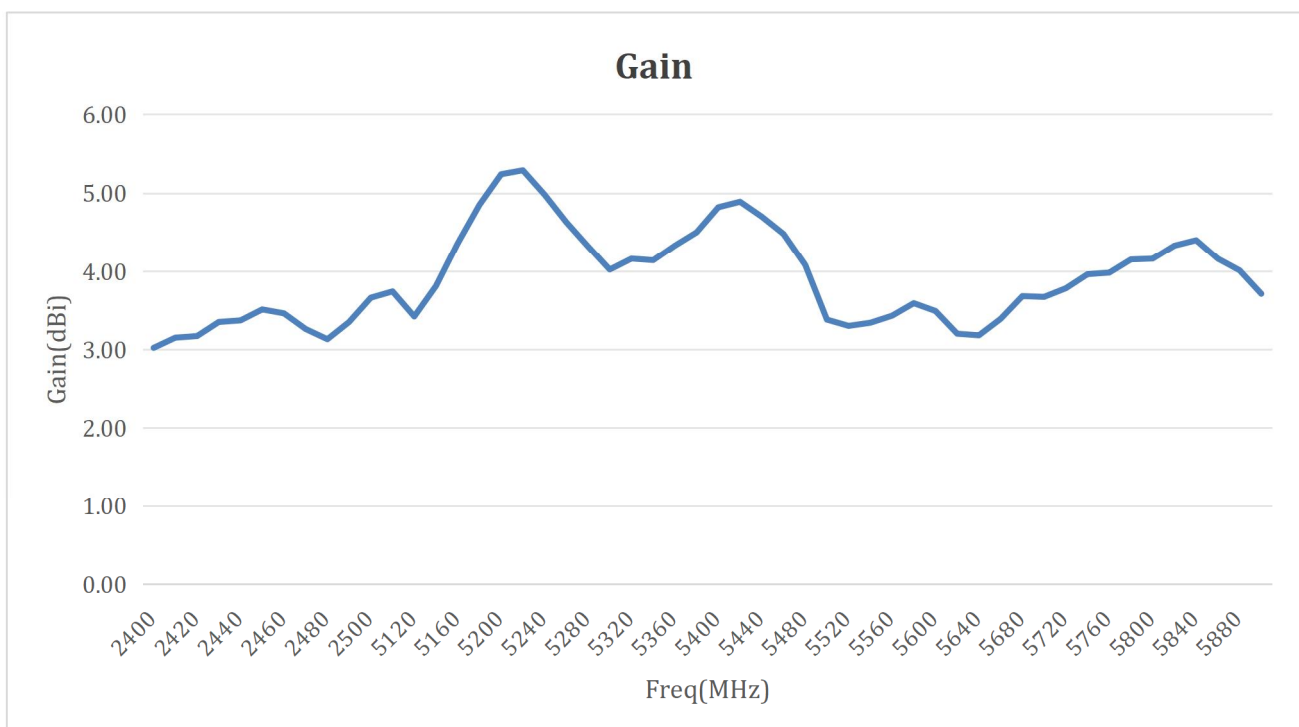
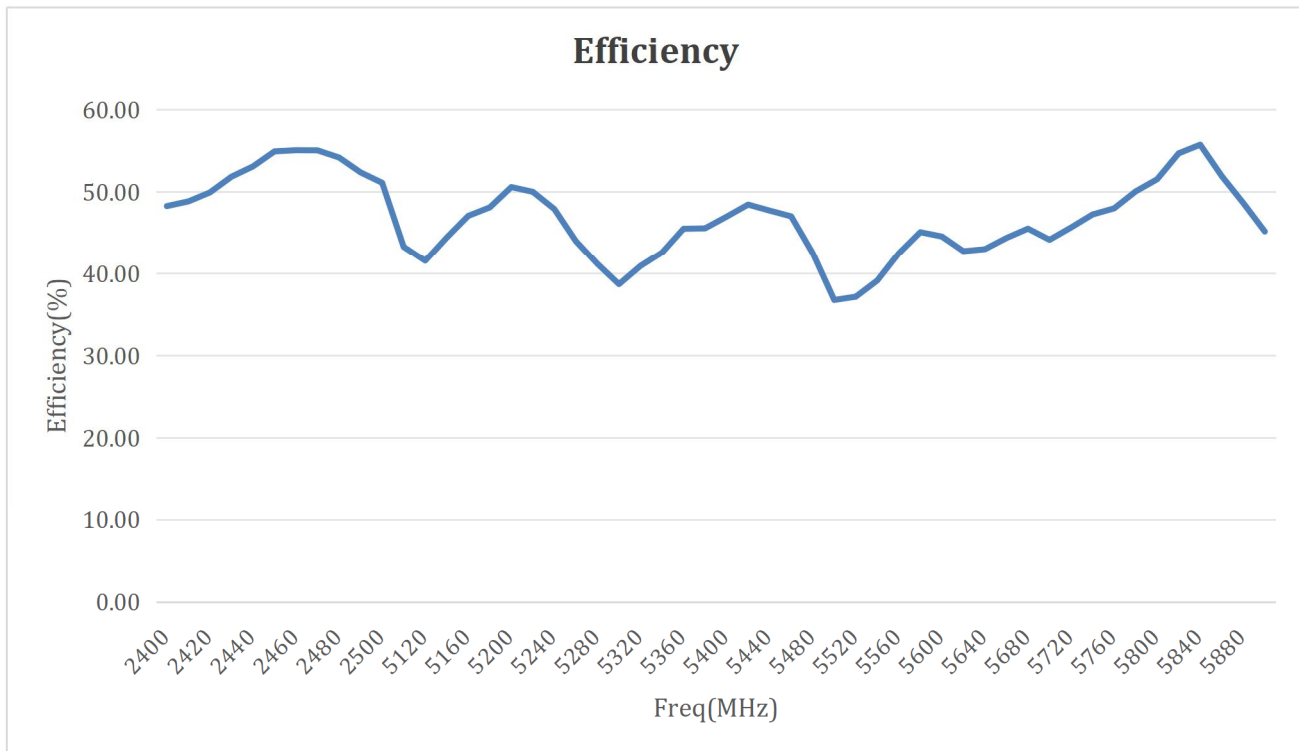
11a 6M		
Channel	TRP	TIS
36	16.91	-91.15
149	17.35	-91.1
165	17.82	-91.97

11a 54M		
Channel	TRP	TIS
36	15.14	-74.66
149	15.49	-74.24
165	15.82	-75.5

11an mcs7 HT20		
Channel	TRP	TIS
36	12.69	-69.17
149	12.77	-67.11
165	13.16	-70.45

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4.1.3 Passive Test

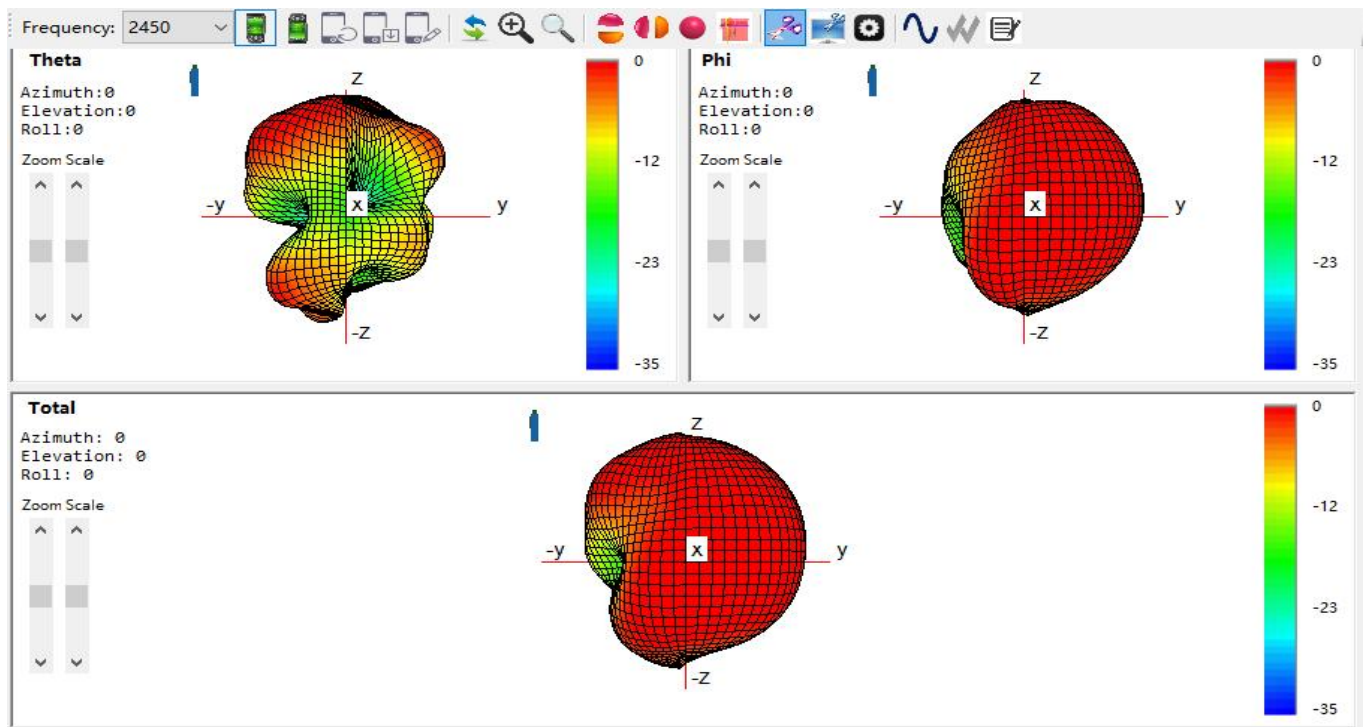


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Freq (MHz)	Gain (dBi)	Efficiency (%)	Freq (MHz)	Gain (dBi)	Efficiency (%)
2400	3.02	48.26	5400	4.82	46.97
2410	3.15	48.83	5420	4.89	48.44
2420	3.17	49.92	5440	4.70	47.71
2430	3.35	51.83	5460	4.48	47.01
2440	3.37	53.08	5480	4.08	42.50
2450	3.51	54.91	5500	3.38	36.75
2460	3.46	55.05	5520	3.30	37.15
2470	3.26	55.03	5540	3.34	39.13
2480	3.13	54.16	5560	3.43	42.48
2490	3.35	52.35	5580	3.59	45.08
2500	3.66	51.09	5600	3.49	44.55
5100	3.74	43.28	5620	3.20	42.75
5120	3.42	41.55	5640	3.18	43.00
5140	3.81	44.42	5660	3.39	44.37
5160	4.36	47.07	5680	3.68	45.51
5180	4.85	48.10	5700	3.67	44.15
5200	5.24	50.57	5720	3.78	45.65
5220	5.29	49.99	5740	3.96	47.24
5240	4.98	47.89	5760	3.98	47.98
5260	4.63	43.98	5780	4.15	50.04
5280	4.32	41.16	5800	4.16	51.52
5300	4.02	38.68	5820	4.33	54.67
5320	4.16	40.91	5840	4.40	55.72
5340	4.14	42.57	5860	4.16	51.91
5360	4.33	45.50	5880	4.01	48.64
5380	4.50	45.55	5900	3.71	45.17

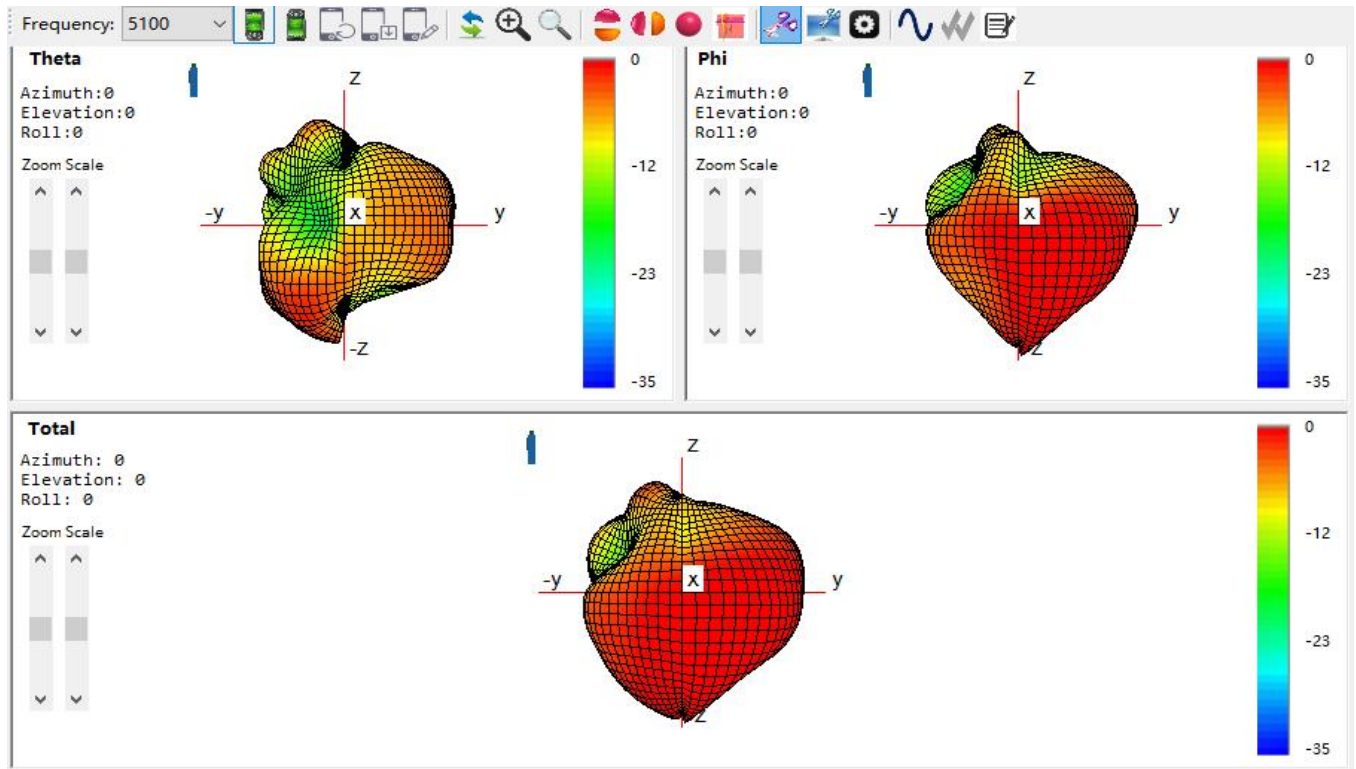
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4.1.4 3D



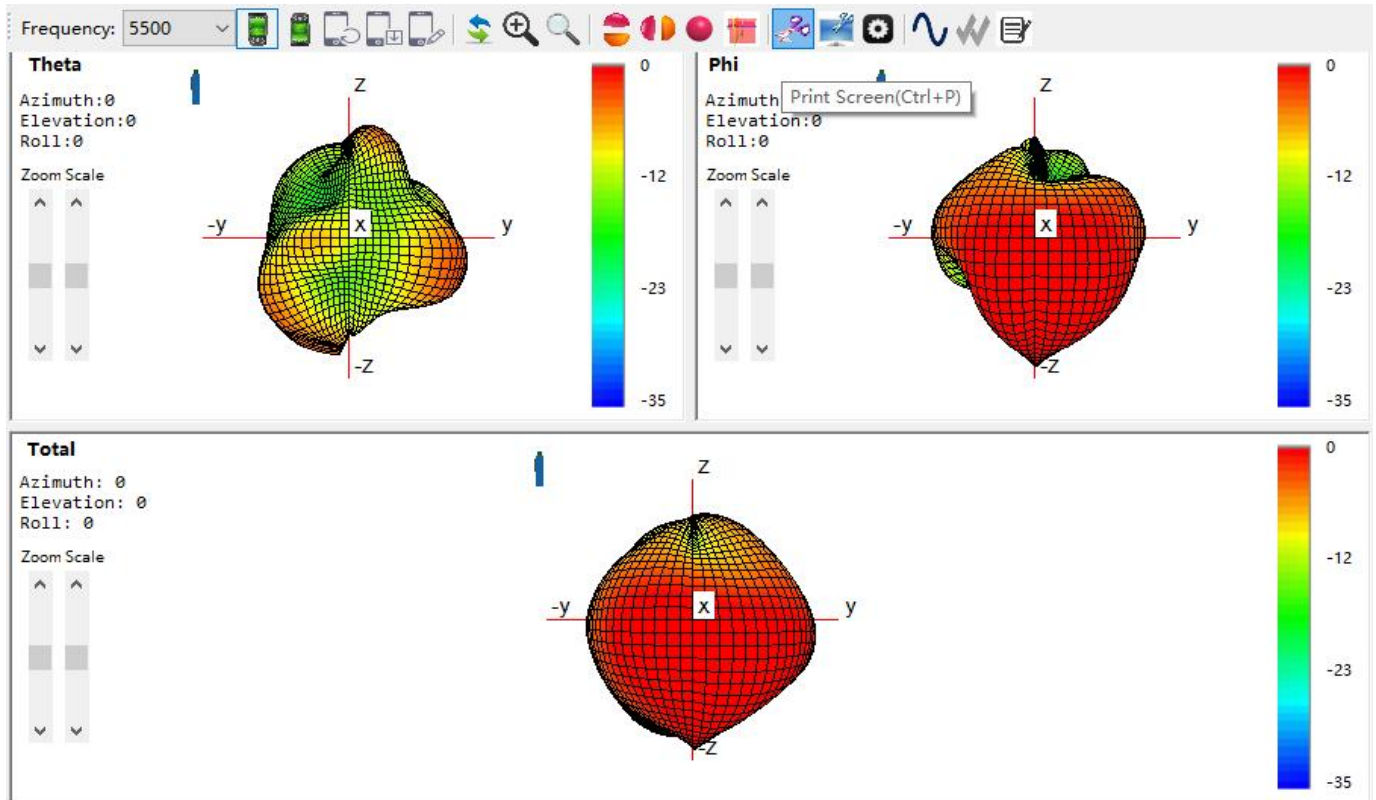
2450MHz Gain=3.51dBi

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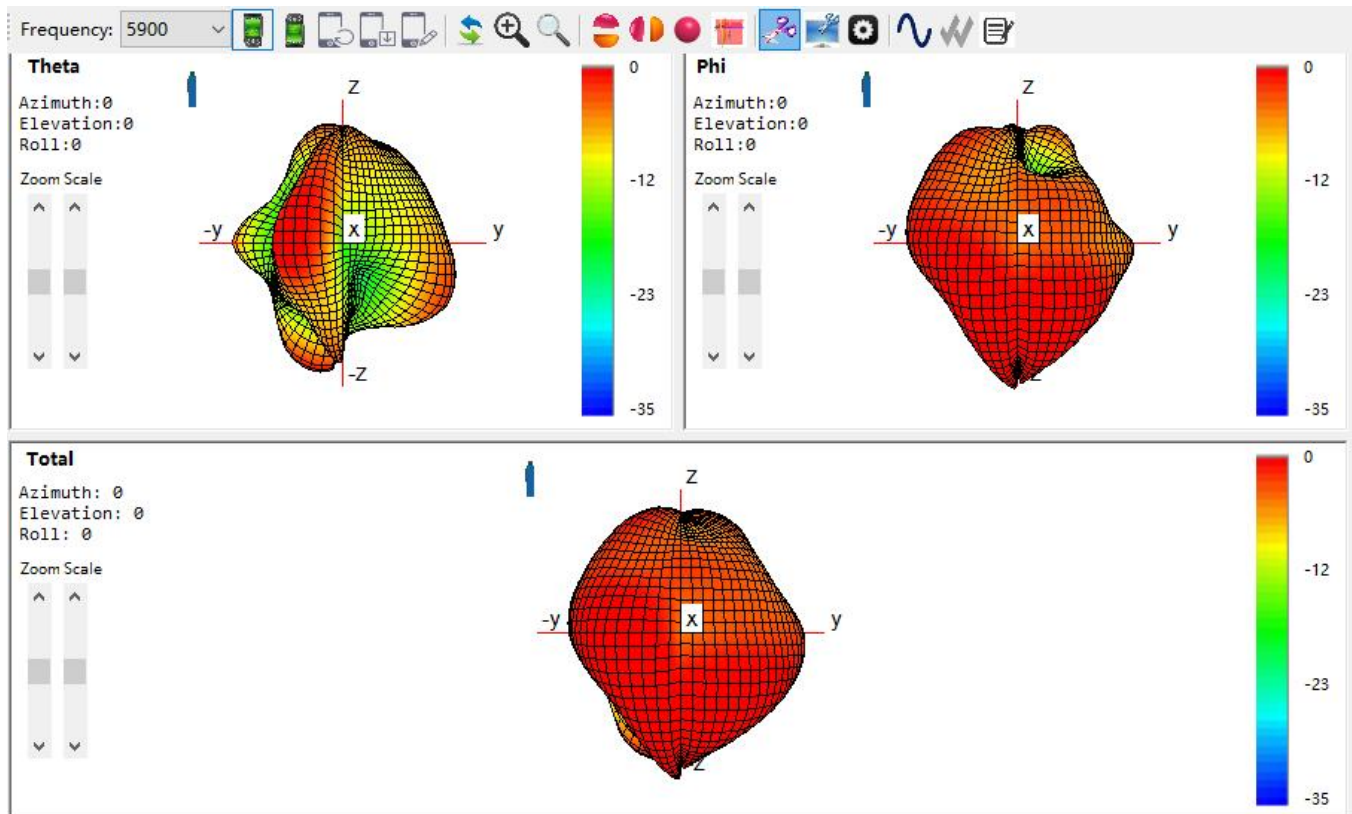


5100MHz Gain=3.74dBi

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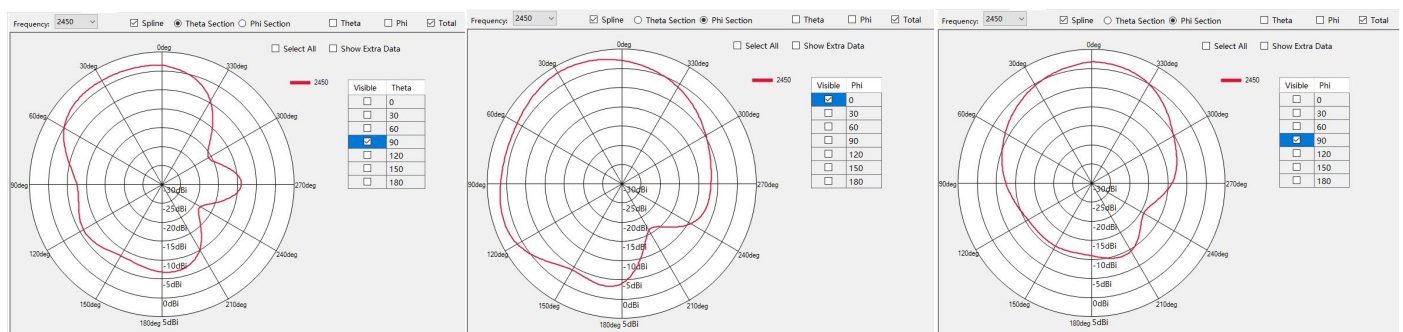


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5900MHz Gain=3.71dBi

4.1.4 2D



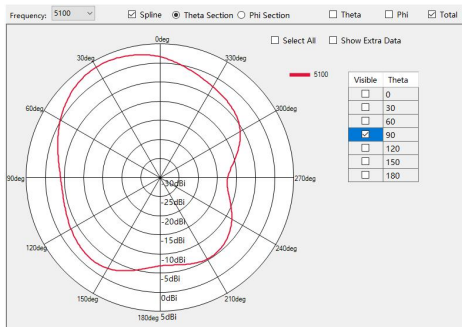
H Side

E1 Side

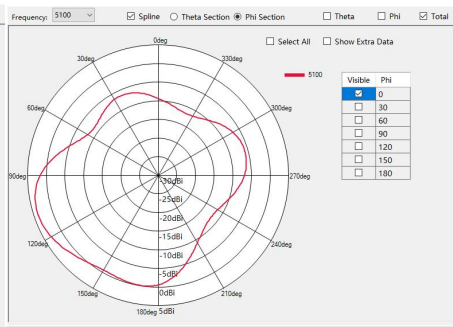
E2 Side

2450MHz Gain=3.51dBi

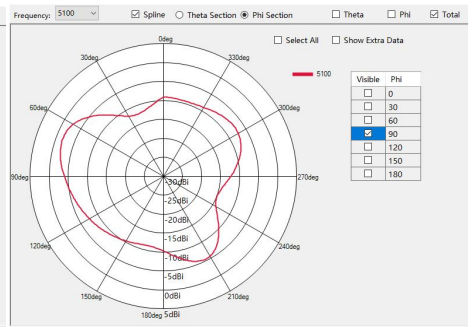
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H Side

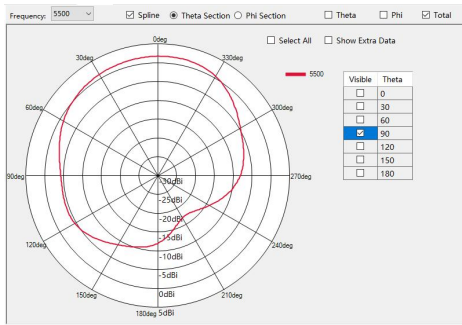


E1 Side

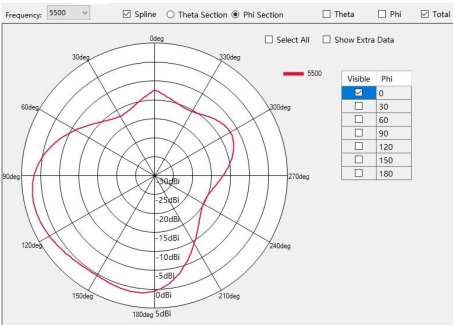


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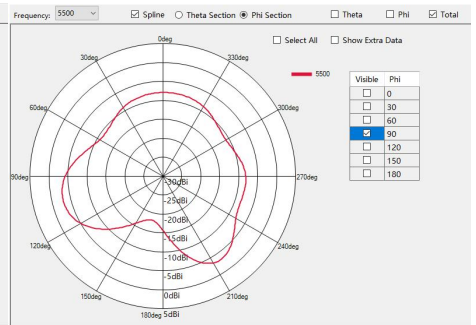
5100MHz Gain=3.74dBi



H Side

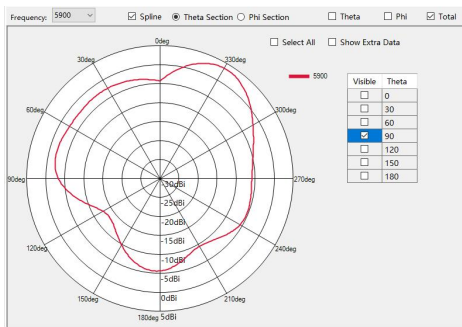


E1 Side

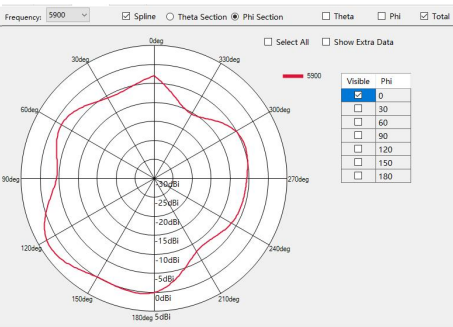


E2 Side

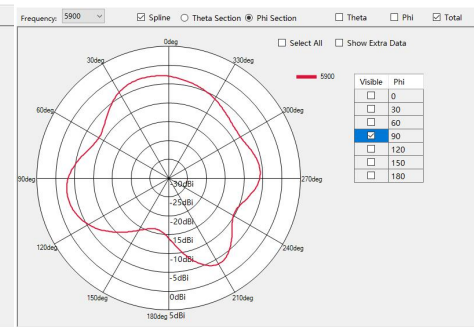
5500MHz Gain=3.38dBi



H Side



E1 Side



E2 Side

5900MHz Gain=3.71dBi

4.1.5 Anechoic Chamber Test Coordinate Diagram