

承认书

SPECIFICATION FOR APPROVAL

客户名称CUSTOMER: 广州文石信息科技有限公司 ONYX INTERNATIONAL INC.

客户料号CUSTOMER PARTNO: OAN.OAN0113R

天线制造商的名称:ShenZhen MyAntenna RF Technology Co., Ltd

天线制造商的地址: RM 410, Country Garden Phoenix Wisdom Valley, No. 50 Tiezai Road, Baoan District, Shenzhen, P.R.China.

产品型号PRODUCT MODEL: NOTE AIR 6C

产品描述Product name: NOTE AIR 6C ANT

产品编码PRODUCT CODE: M01-0202850R0A

客户签名 CUSTOMER SIGNATURE:

客户盖章 CUSTOMER SEAL:

供应商签名 SUPPLIER SIGNATURE:

陈建坊

供应商盖章 SUPPLIER SEAL:

注意: 请将此副本作为您的批准证明回签!

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

性能参数 PERFORMANCE PARAMETER

1. 电气参数 Electrical Characteristics

Antenna		
1	频率范围 Frequency	2400-2500MHz/5100-7125MHz
2	驻波比 V. S. W. R	≤ 4.5
3	阻抗 Impedence	50 Ω
4	极化方式 Polarization	linear polarization

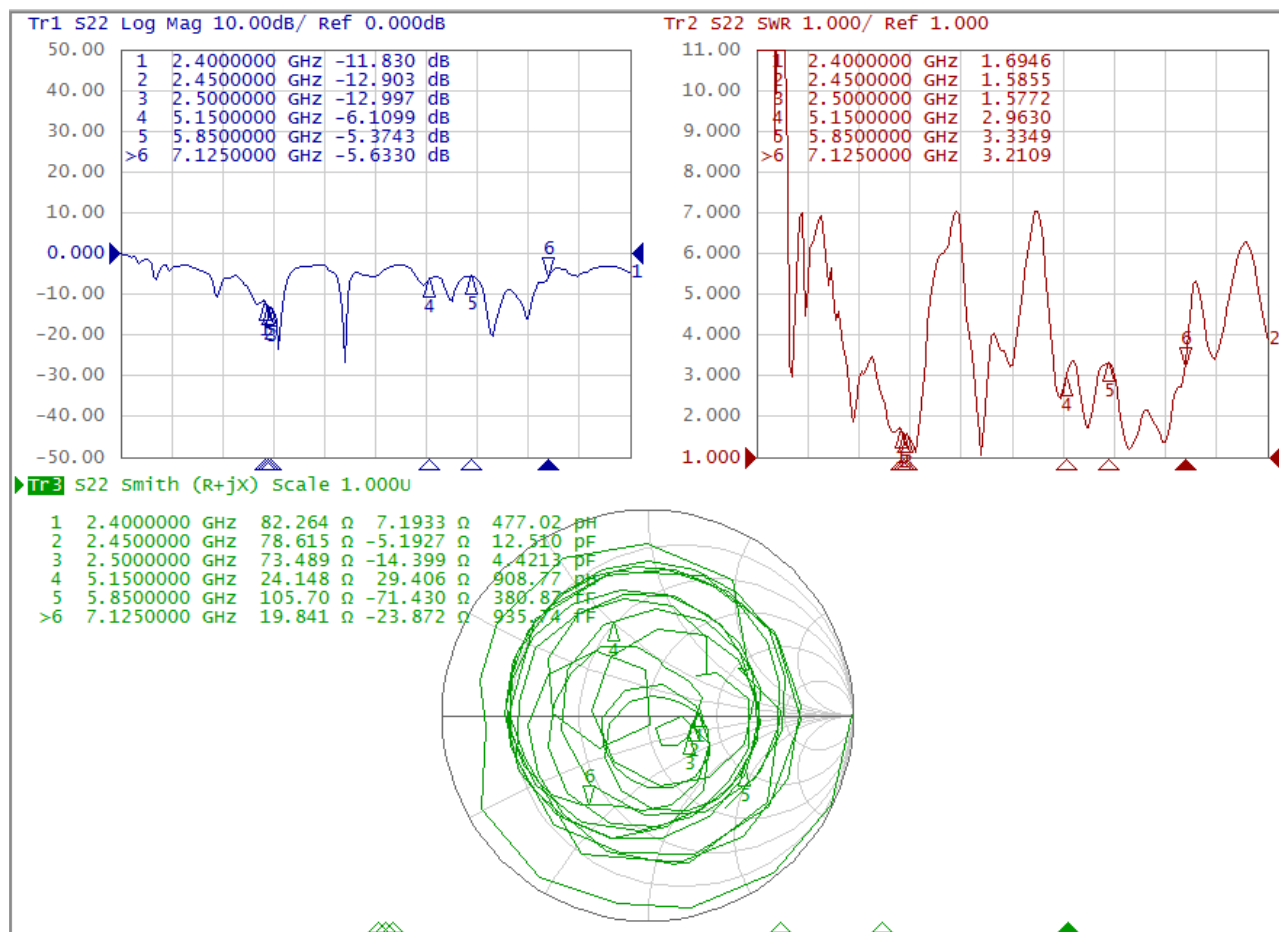
2. 环境参数 Environment Condition

1	工作温度 Working Temp	-40°C ~ +85°C, 10%~95% RH
2	贮存温度 Storage Temp	-40°C ~ +85°C, 10%~95% RH

测试图表 TESTING CURVE

1.性能测试 Performance test

1.1 驻波比 V.S.W.R



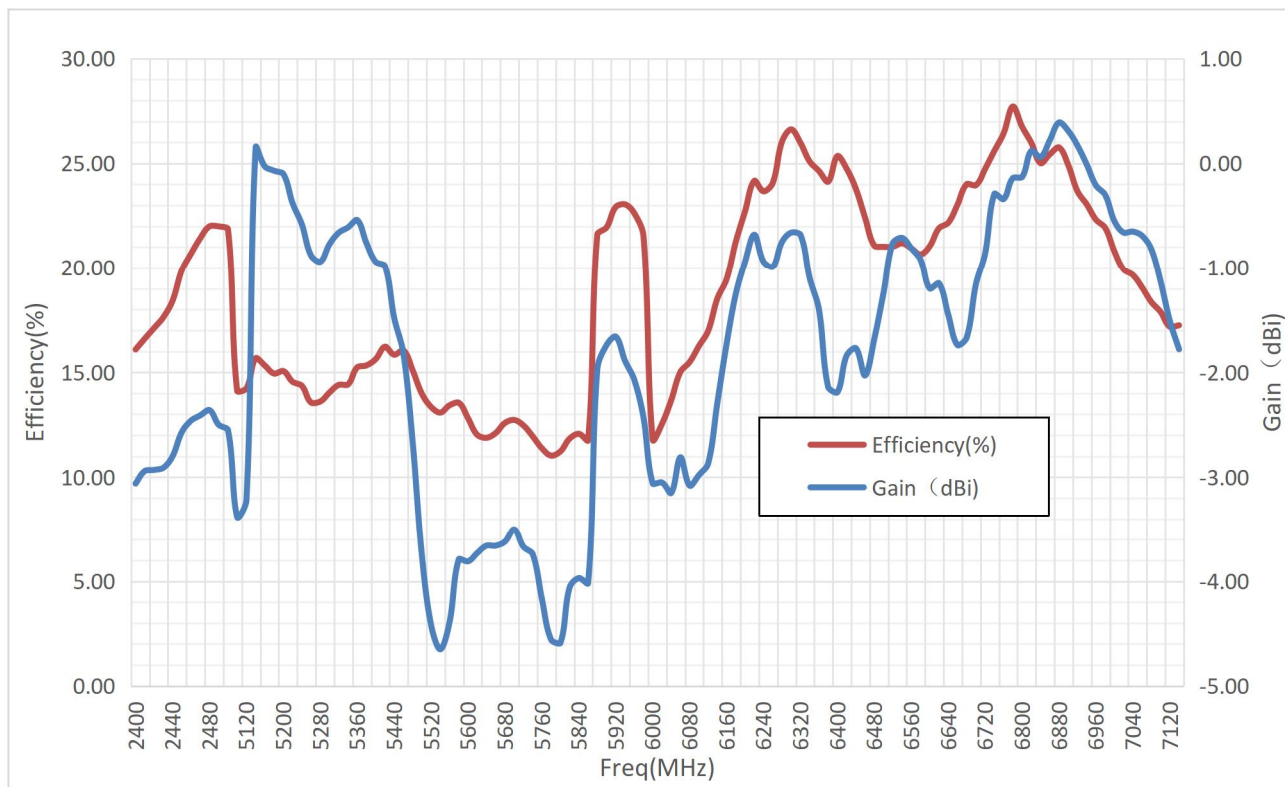
数据表 Data list

Freq	2400MHz	2450MHz	2500MHz	5150MHz	5850MHz	7125MHz
VSWR	1.69	1.58	1.57	2.96	3.33	3.21

测试图表 TESTING CURVE

2. 无源测试 Passive testing

2.1 效率及增益 Efficiency and Gain

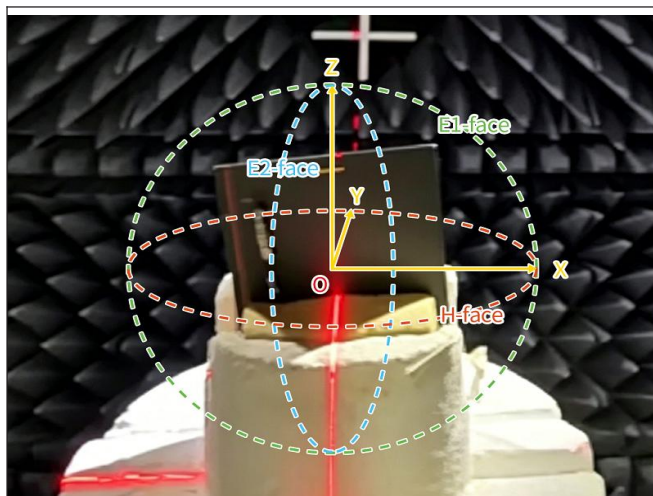


Freq (M Hz)	Gain (dBi)	Effici ency (%))	Freq (M Hz)	Gain (dBi)	Effici ency (%))	Freq (M Hz)	Gain (dBi)	Effici ency (%))
2400	-3.06	16.09	5640	-3.66	11.88	6400	-2.19	25.35
2410	-2.94	16.61	5660	-3.66	12.11	6420	-1.84	24.75
2420	-2.93	17.11	5680	-3.62	12.59	6440	-1.77	23.79
2430	-2.91	17.62	5700	-3.50	12.73	6460	-2.03	22.41
2440	-2.80	18.41	5720	-3.67	12.47	6480	-1.68	21.07
2450	-2.57	19.88	5740	-3.74	11.95	6500	-1.24	21.02
2460	-2.46	20.69	5760	-4.17	11.38	6520	-0.76	21.03
2470	-2.41	21.43	5780	-4.56	11.03	6540	-0.71	21.19
2480	-2.36	22.00	5800	-4.59	11.23	6560	-0.81	20.95

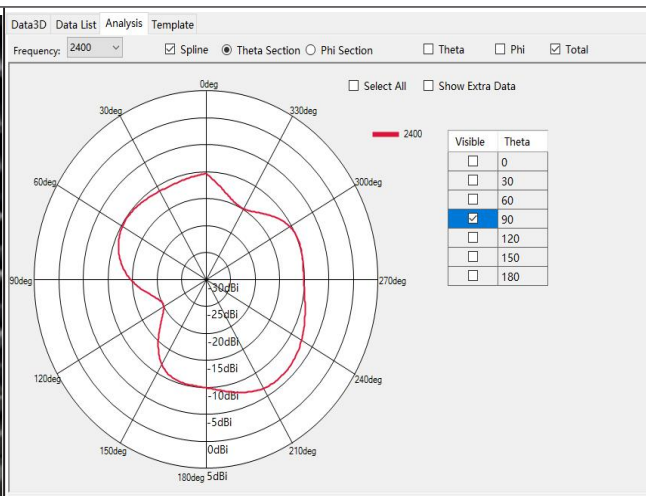
2490	-2.50	22.00	5820	-4.06	11.84	6580	-0.92	20.65
2500	-2.55	21.87	5840	-3.97	12.07	6600	-1.20	21.05
5100	-3.38	14.11	5860	-4.02	11.76	6620	-1.15	21.91
5120	-3.22	14.23	5880	-1.97	21.61	6640	-1.45	22.17
5140	0.15	15.67	5900	-1.74	21.95	6660	-1.74	23.03
5160	-0.03	15.32	5920	-1.66	22.93	6680	-1.67	24.01
5180	-0.07	14.94	5940	-1.89	23.05	6700	-1.16	23.96
5200	-0.10	15.06	5960	-2.07	22.63	6720	-0.86	24.74
5220	-0.38	14.55	5980	-2.43	21.53	6740	-0.29	25.60
5240	-0.58	14.36	6000	-3.06	11.79	6760	-0.34	26.43
5260	-0.88	13.56	6020	-3.05	12.54	6780	-0.14	27.71
5280	-0.94	13.61	6040	-3.15	13.67	6800	-0.13	26.75
5300	-0.77	14.04	6060	-2.81	15.02	6820	0.12	25.98
5320	-0.66	14.40	6080	-3.08	15.49	6840	0.06	25.01
5340	-0.61	14.42	6100	-2.98	16.25	6860	0.22	25.43
5360	-0.54	15.24	6120	-2.87	16.97	6880	0.39	25.76
5380	-0.76	15.33	6140	-2.29	18.52	6900	0.31	24.92
5400	-0.94	15.63	6160	-1.73	19.45	6920	0.17	23.67
5420	-0.98	16.22	6180	-1.25	21.27	6940	-0.01	23.05
5440	-1.48	15.84	6200	-0.94	22.72	6960	-0.21	22.32
5460	-1.82	16.05	6220	-0.68	24.17	6980	-0.30	21.93
5480	-2.66	15.10	6240	-0.94	23.67	7000	-0.55	20.80
5500	-3.75	13.98	6260	-0.99	24.07	7020	-0.66	19.92
5520	-4.42	13.35	6280	-0.75	26.04	7040	-0.65	19.65
5540	-4.65	13.08	6300	-0.66	26.62	7060	-0.69	19.05
5560	-4.39	13.43	6320	-0.68	25.98	7080	-0.82	18.35
5580	-3.79	13.55	6340	-1.10	25.09	7100	-1.13	17.88
5600	-3.81	12.81	6360	-1.40	24.64	7120	-1.51	17.17
5620	-3.73	12.02	6380	-2.14	24.13	7125	-1.78	17.24

测试图表 TESTING CURVE

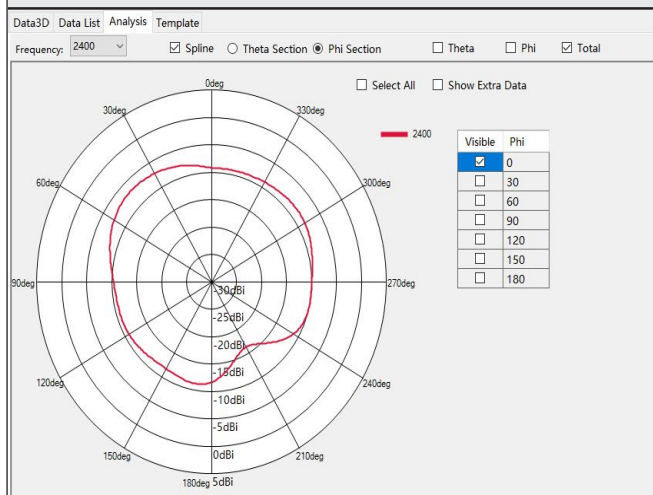
2.2 2D/3D 图 2D/3D Map



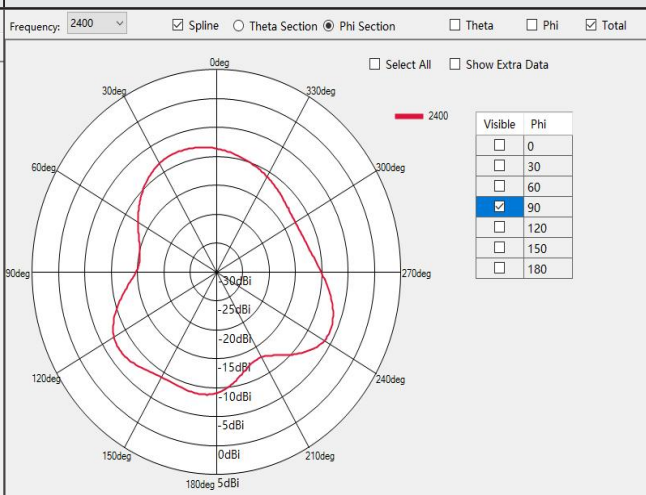
The Antenna in MyAntenna's Anechoic Chamber



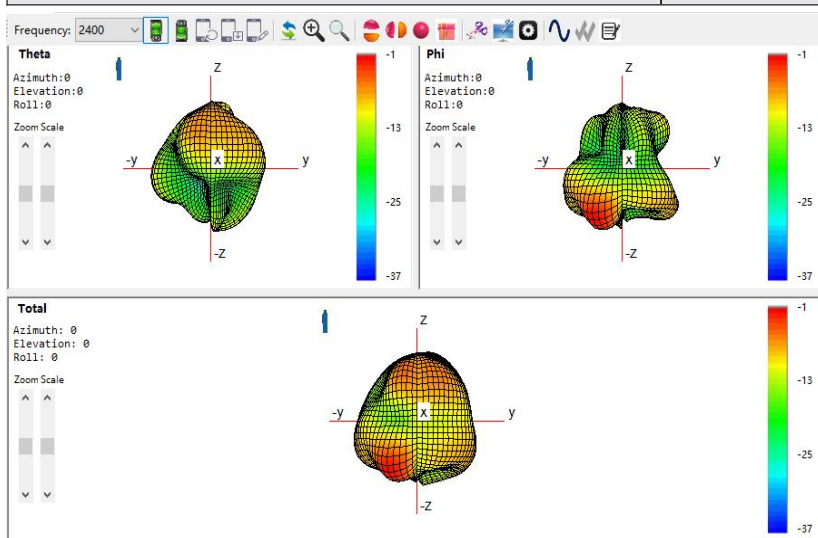
$\theta = 90^\circ$ Plane XY at 2400 MHz, Gain -3.06 dBi

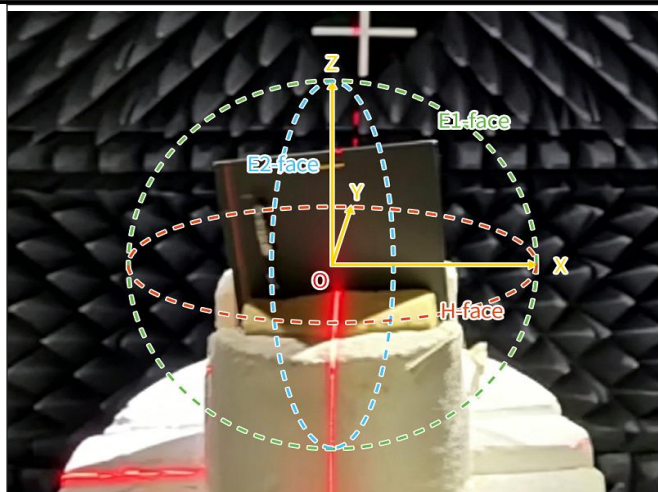


$\phi = 0^\circ$ Plane XZ at 2400 MHz, Gain -3.06 dBi

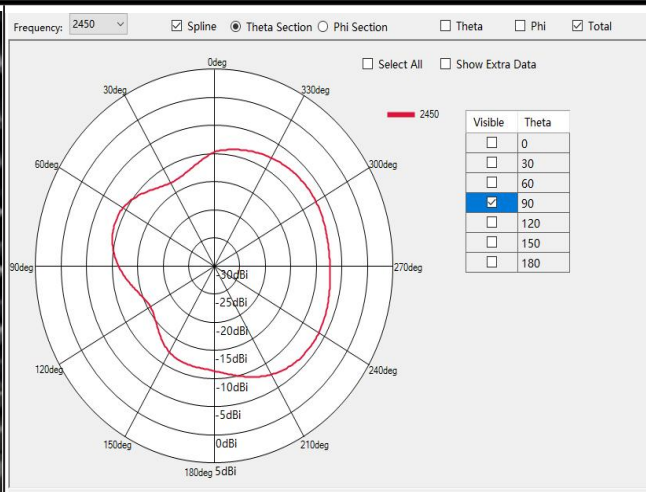


$\phi = 90^\circ$ Plane YZ at 2400 MHz, Gain -3.06 dBi

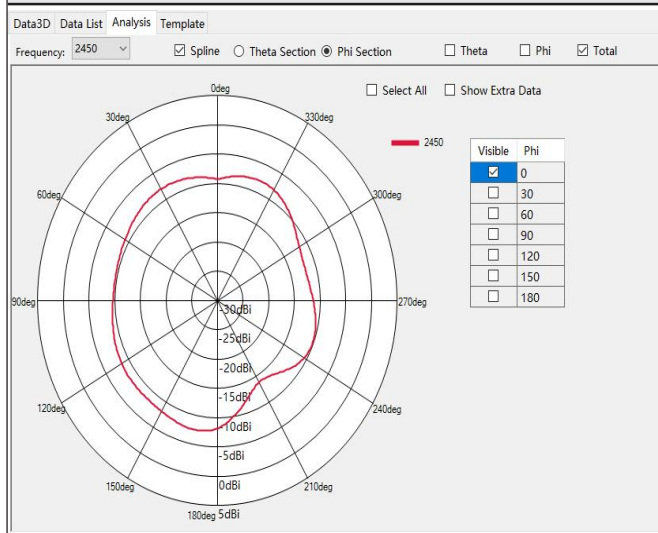




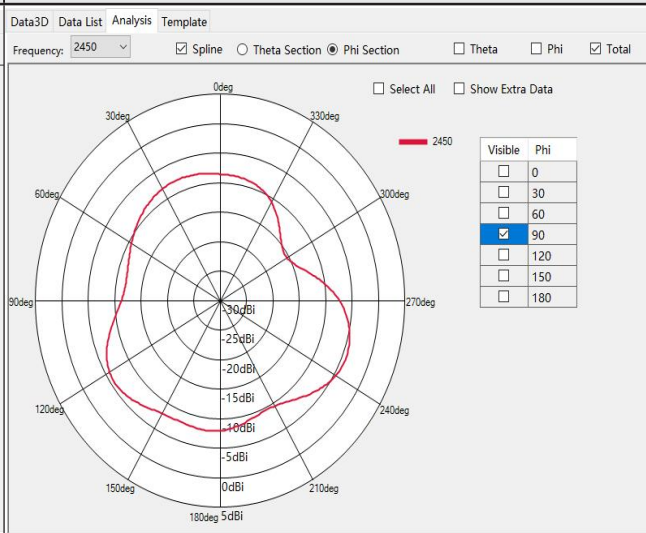
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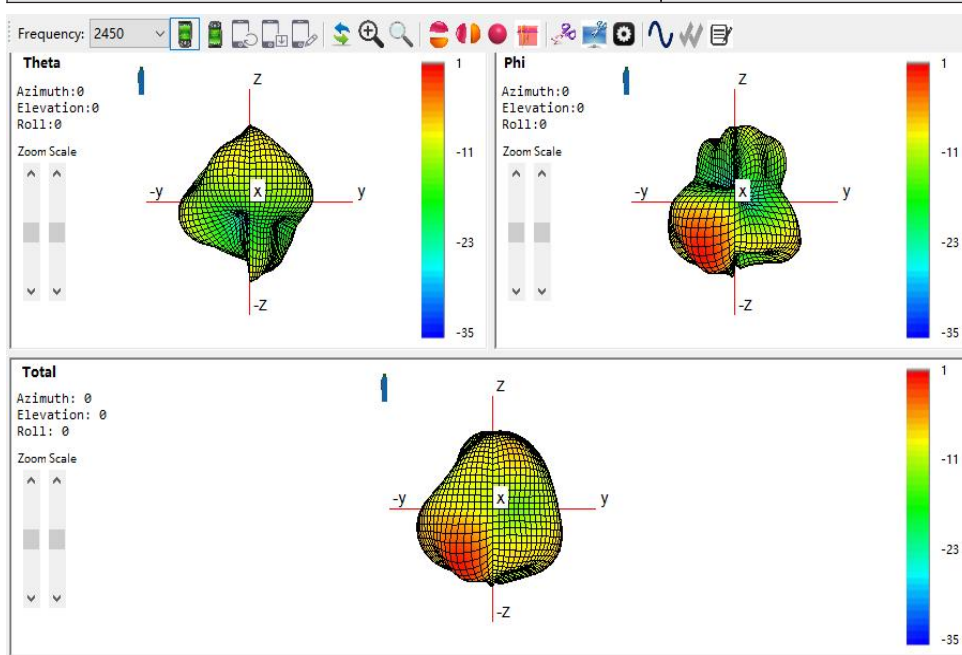
$\theta = 90^\circ$ Plane XY at 2450 MHz, Gain -2.57 dBi

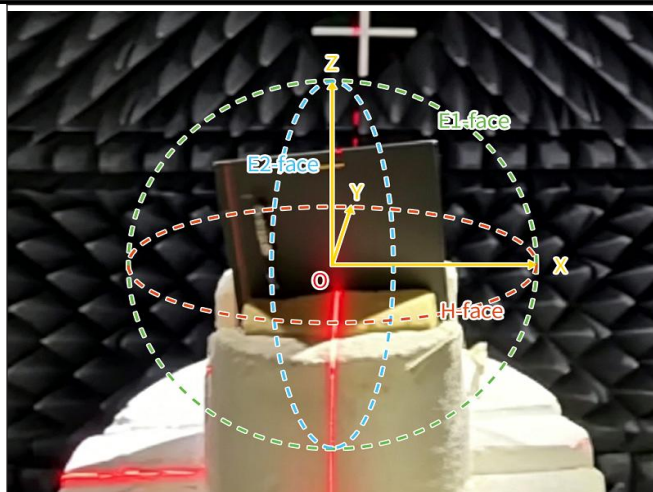


$\phi = 0^\circ$ Plane XZ at 2450 MHz, Gain -2.57 dBi

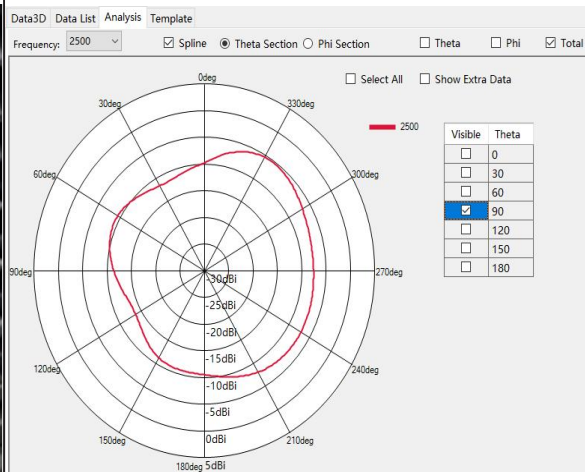


$\phi = 90^\circ$ Plane YZ at 2450 MHz, Gain -2.57 dBi

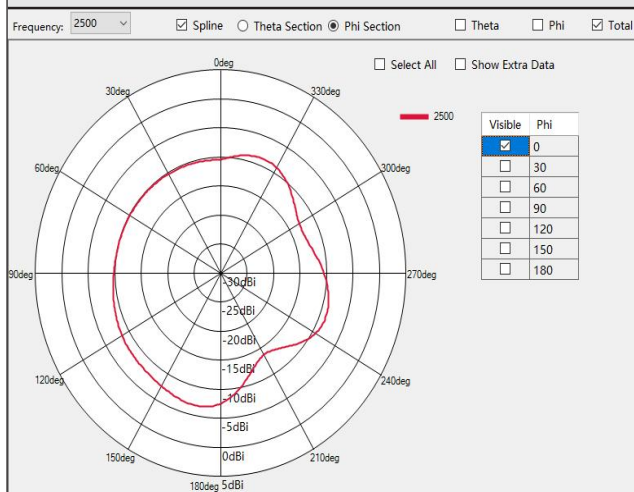




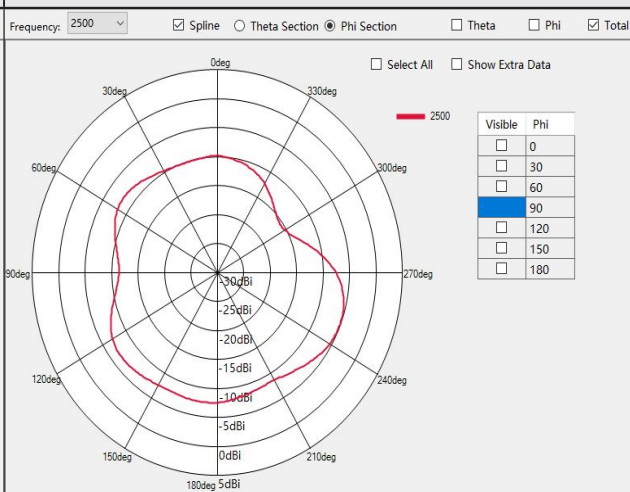
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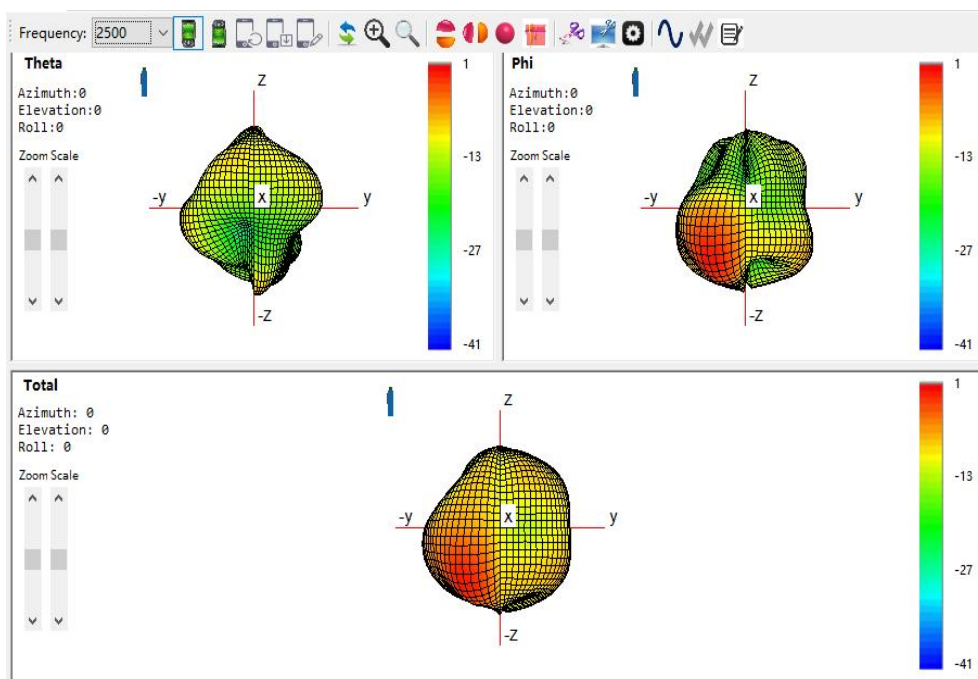
$\theta = 90^\circ$ Plane XY at 2500 MHz, Gain -2.55 dBi

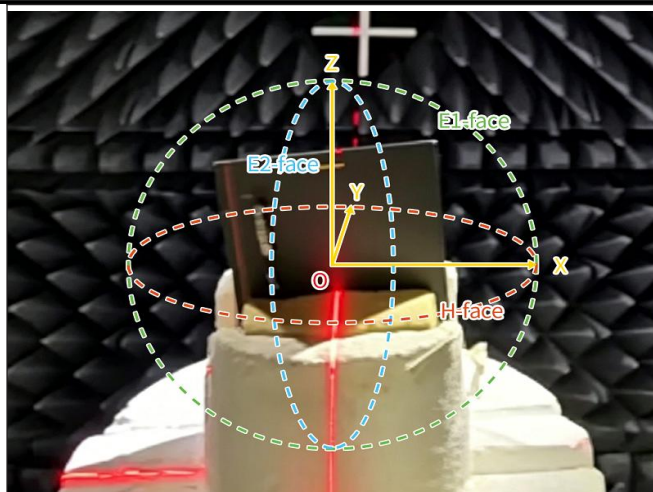


$\phi = 0^\circ$ Plane XZ at 2500 MHz, Gain -2.55 dBi

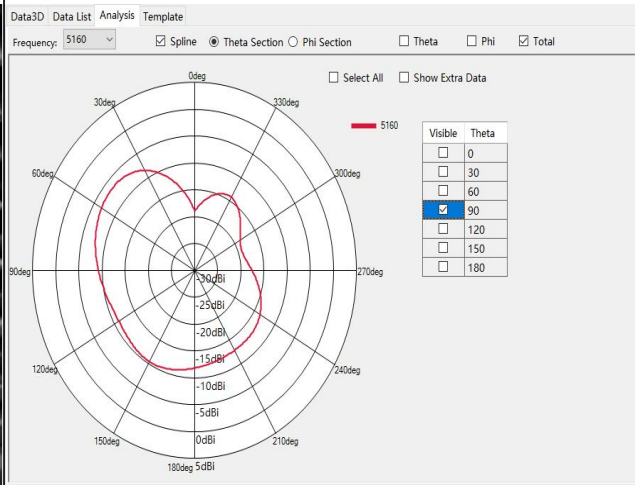


$\phi = 90^\circ$ Plane YZ at 2500 MHz, Gain -2.55 dBi

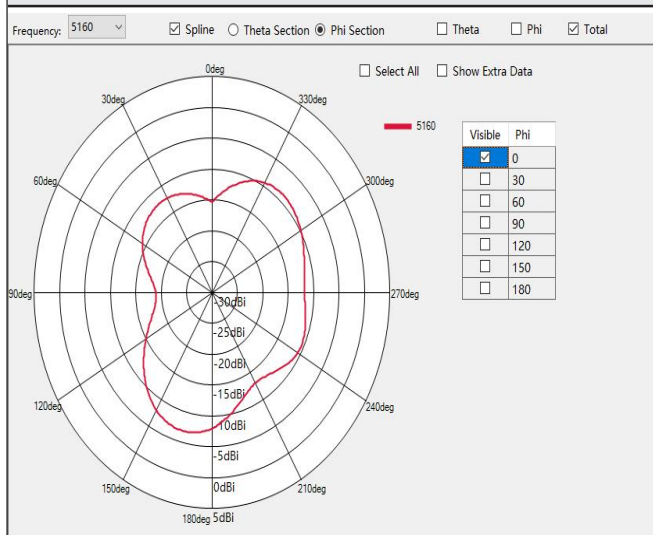




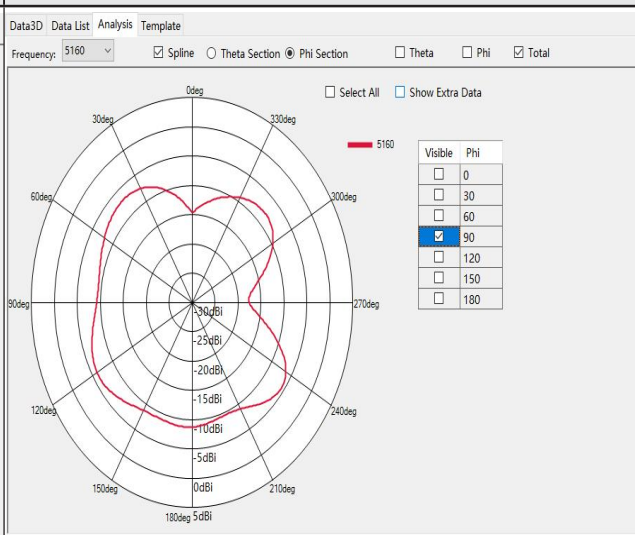
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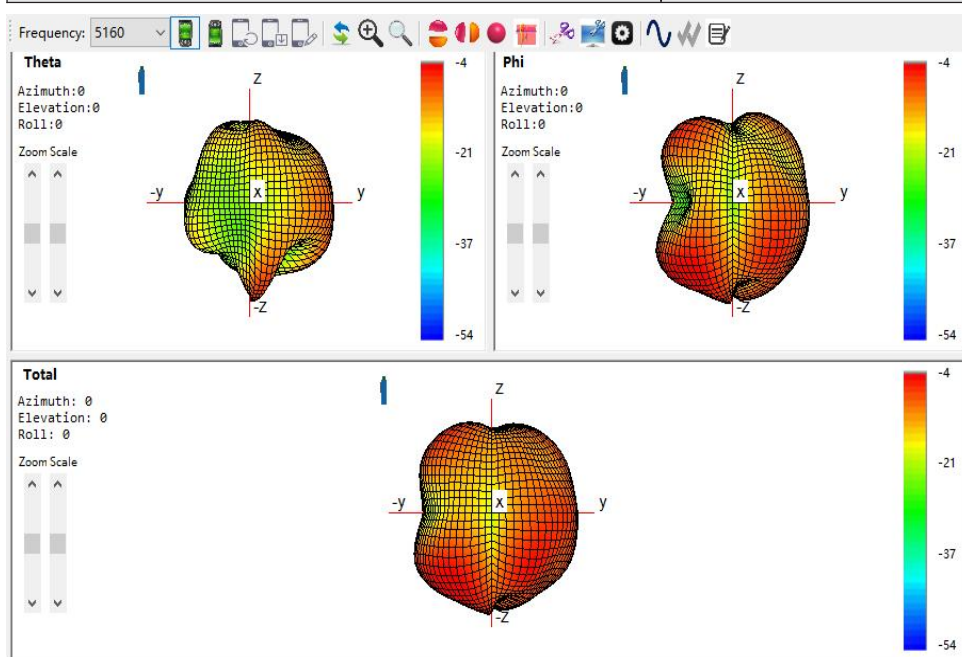
$\theta = 90^\circ$ Plane XY at 5160 MHz, Gain -0.03 dBi

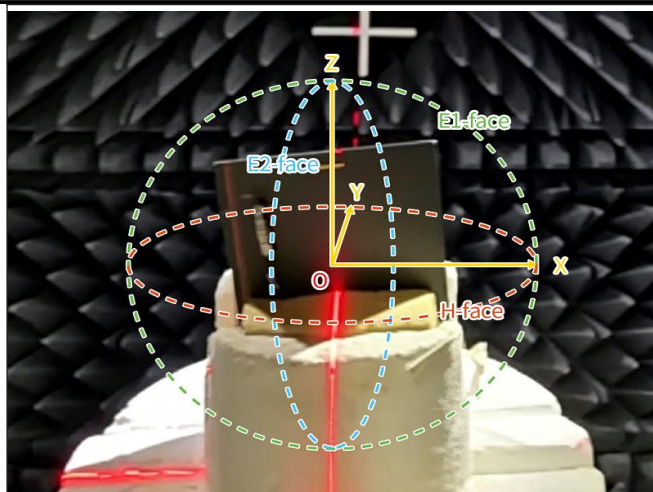


$\phi = 0^\circ$ Plane XZ at 5160 MHz, Gain -0.03 dBi

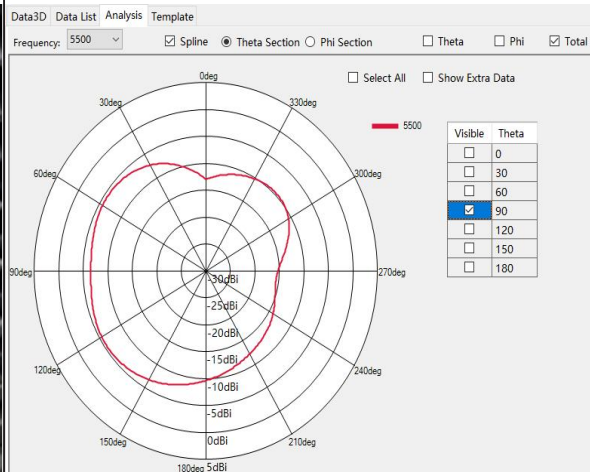


$\phi = 90^\circ$ Plane YZ at 5160 MHz, Gain -0.03 dBi

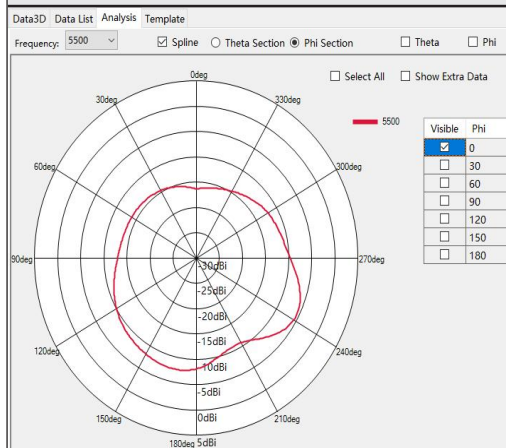




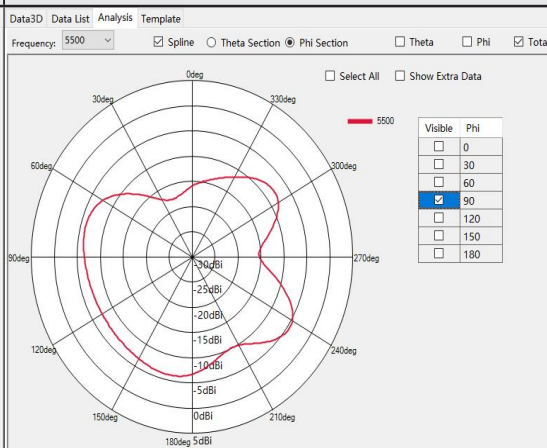
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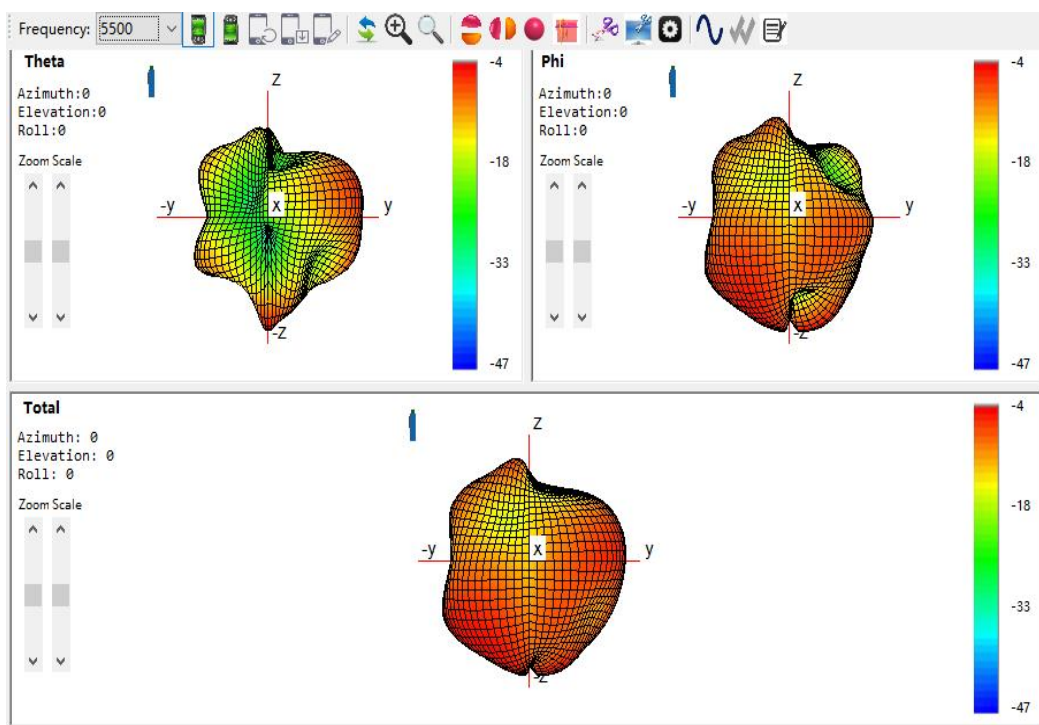
$\theta = 90^\circ$ Plane XY at 5500 MHz, Gain -3.75 dBi

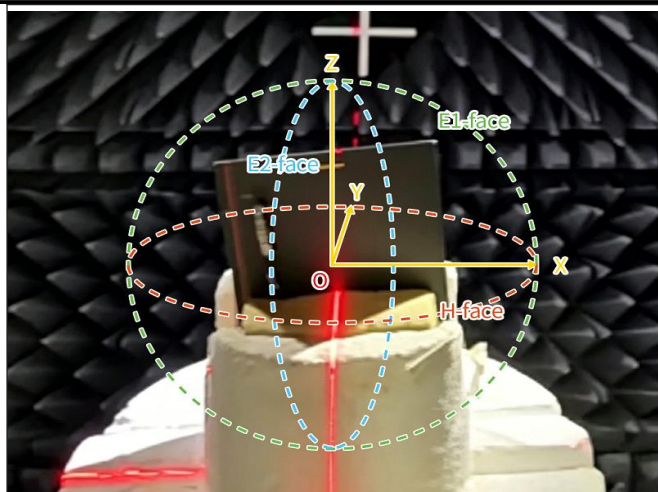


$\phi = 0^\circ$ Plane XZ at 5500 MHz, Gain -3.75 dBi

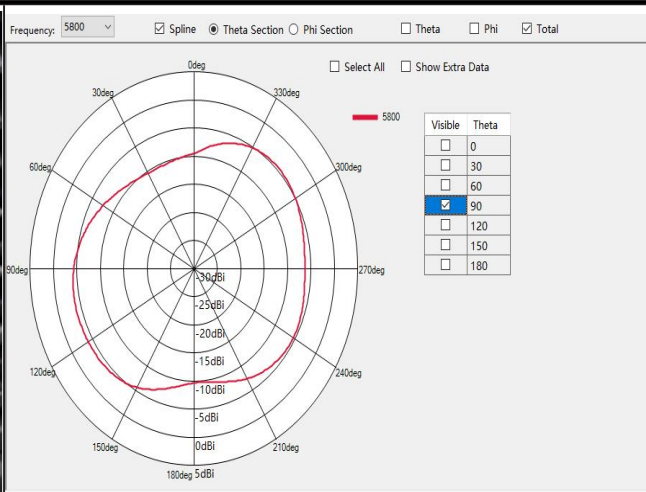


$\phi = 90^\circ$ Plane YZ at 5500 MHz, Gain -3.75 dBi

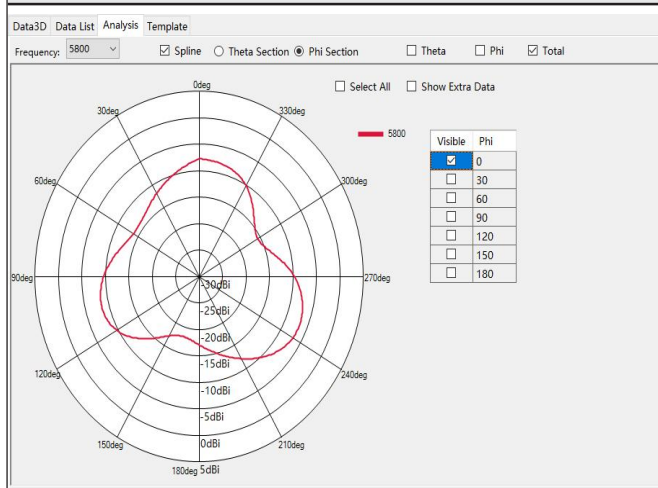




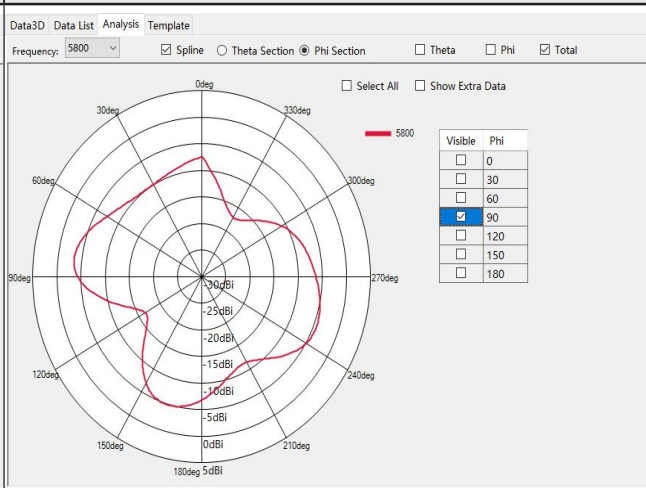
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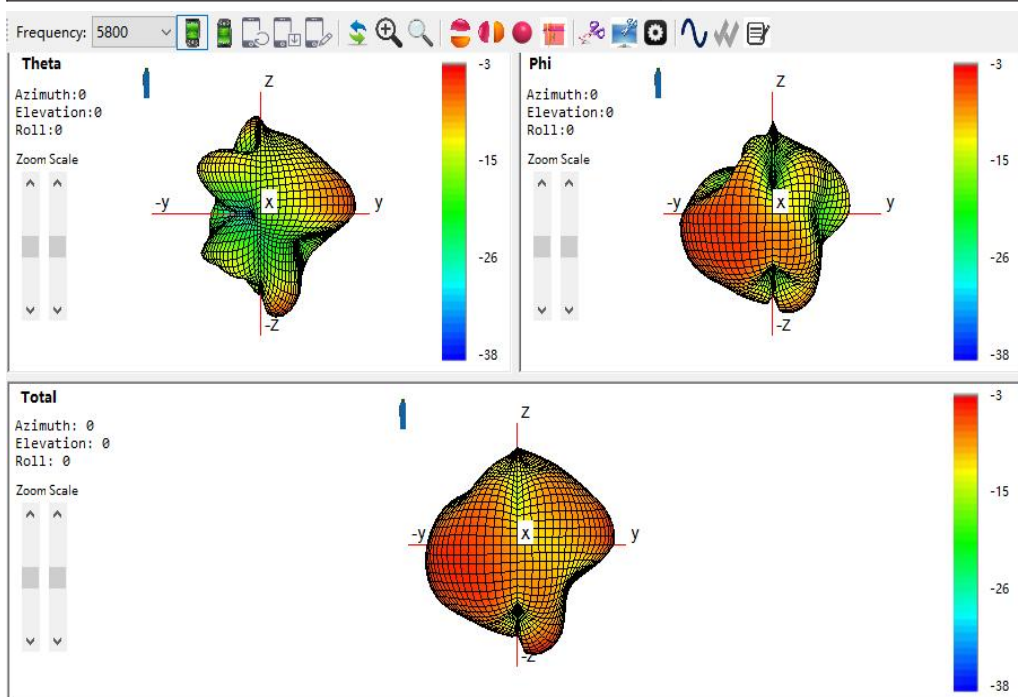
$\theta = 90^\circ$ Plane XY at 5800 MHz, Gain -4.59 dBi

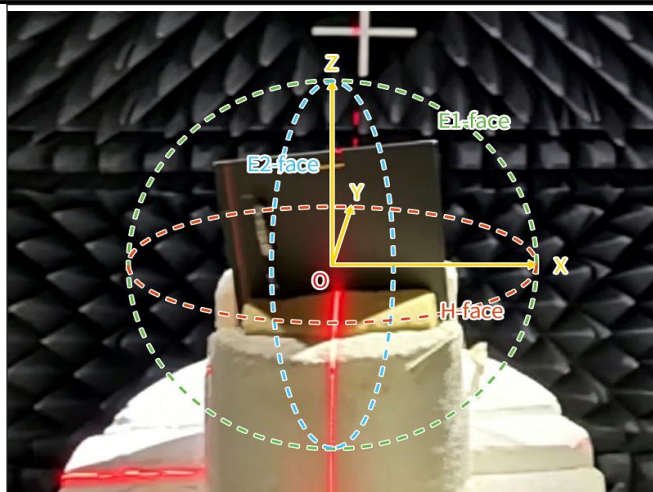


$\phi = 0^\circ$ Plane XZ at 5800 MHz, Gain -4.59 dBi

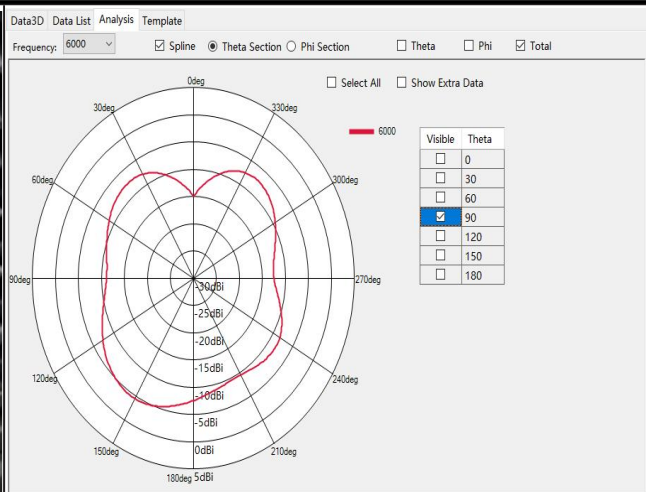


$\phi = 90^\circ$ Plane YZ at 5800 MHz, Gain -4.59 dBi

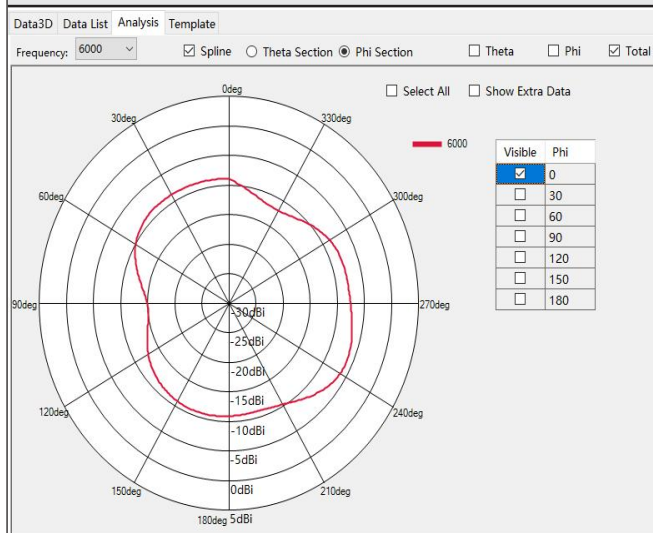




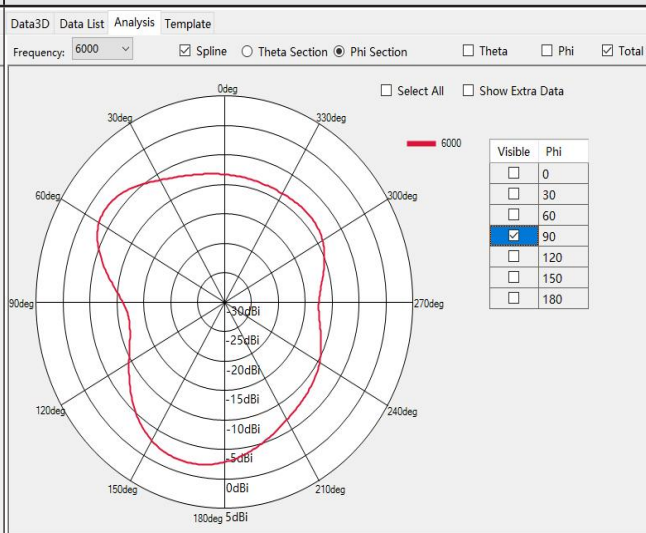
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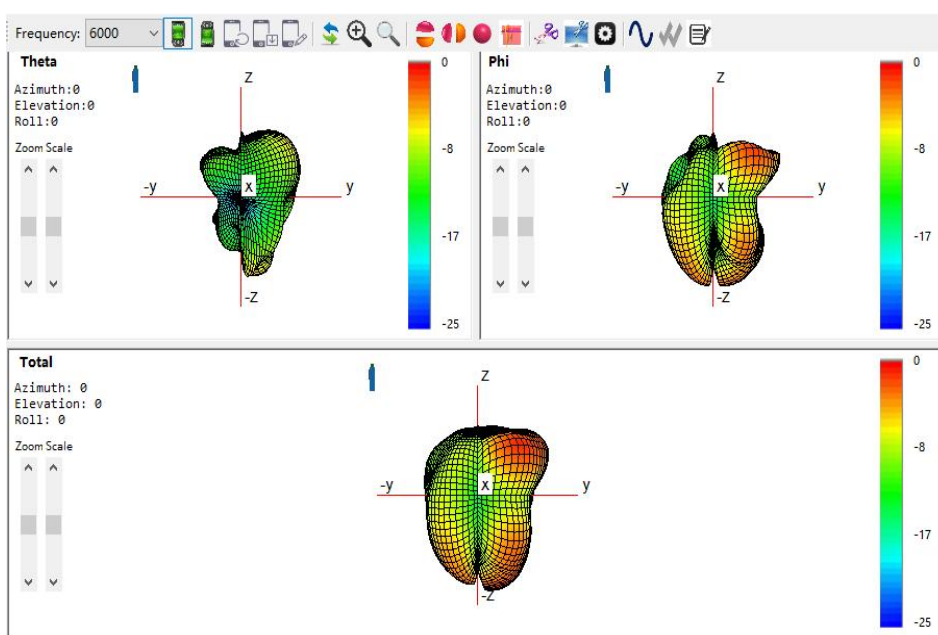
$\theta = 90^\circ$ Plane XY at 6000 MHz, Gain -3.06 dBi

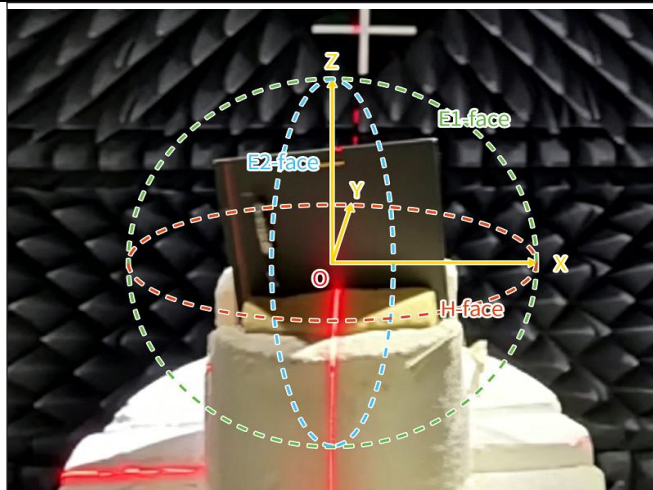


$\phi = 0^\circ$ Plane XZ at 6000 MHz, Gain -3.06 dBi

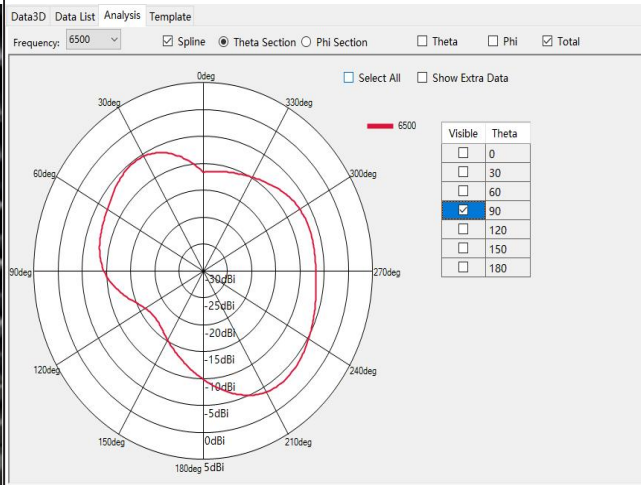


$\phi = 90^\circ$ Plane YZ at 6000 MHz, Gain -3.06 dBi

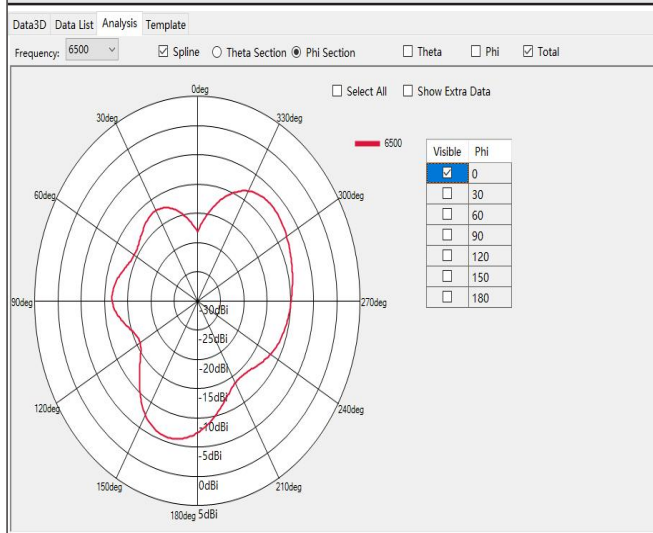




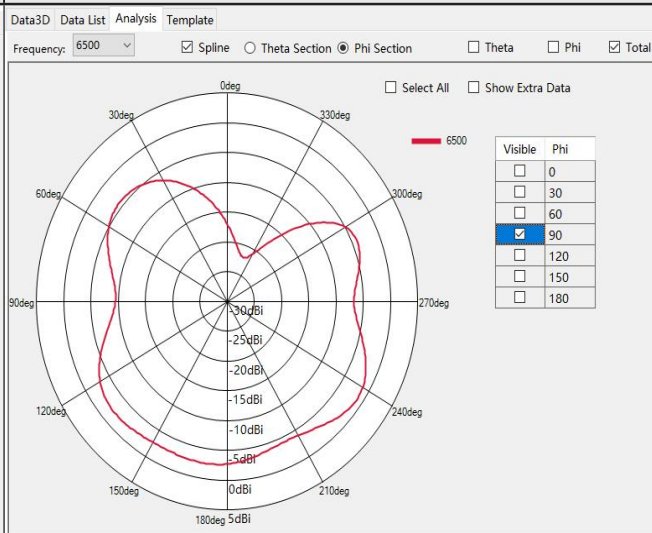
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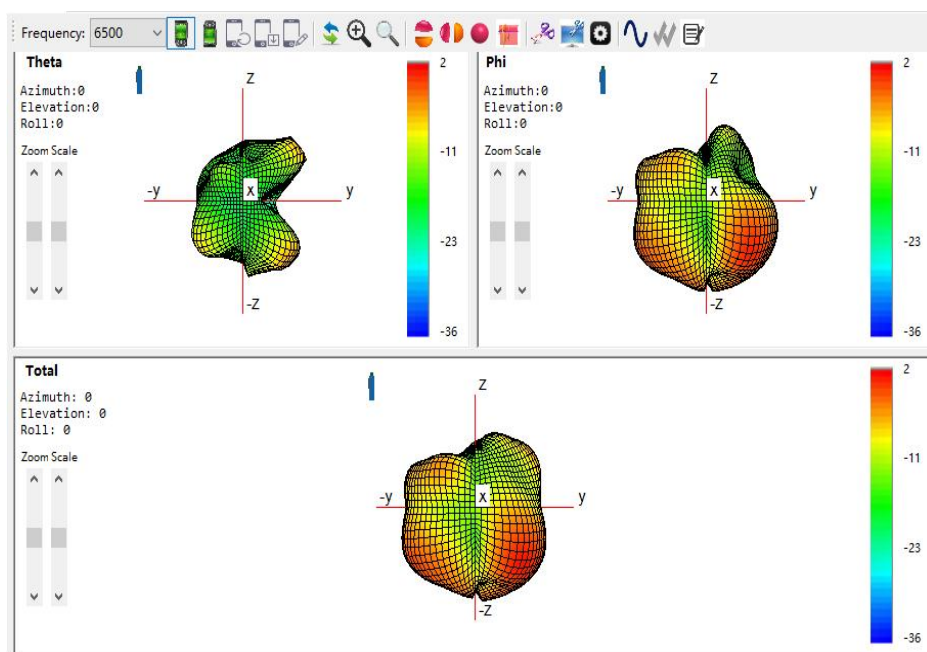
$\theta = 90^\circ$ Plane XY at 6500 MHz, Gain -1.24 dBi

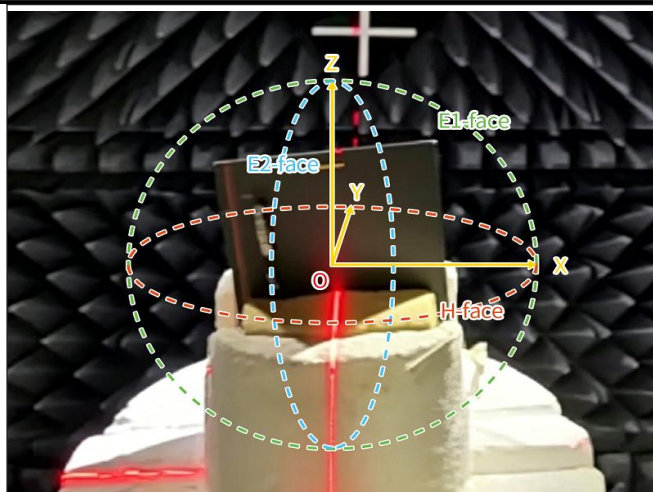


$\phi = 0^\circ$ Plane XZ at 6500 MHz, Gain -1.24 dBi

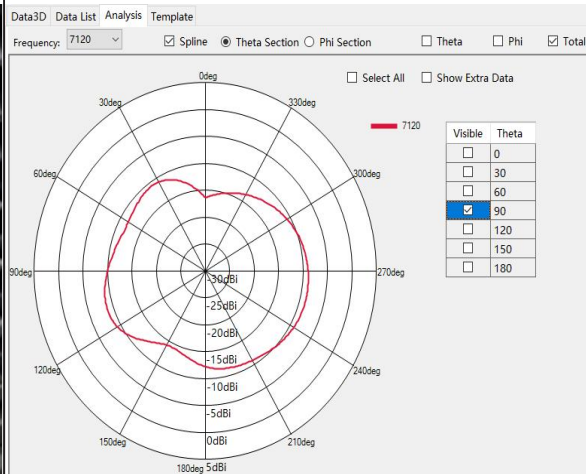


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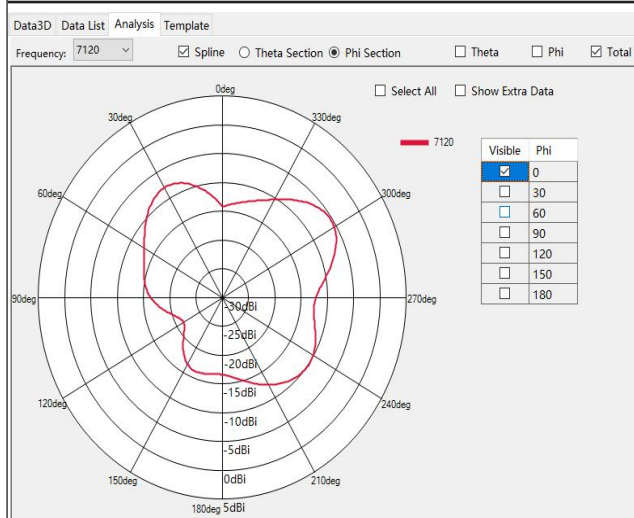




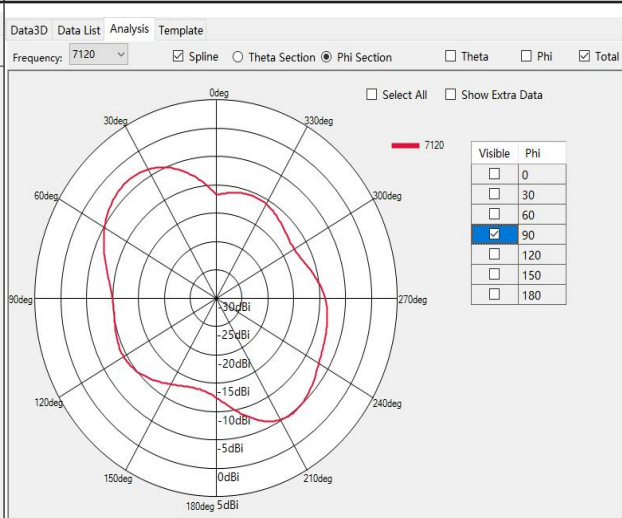
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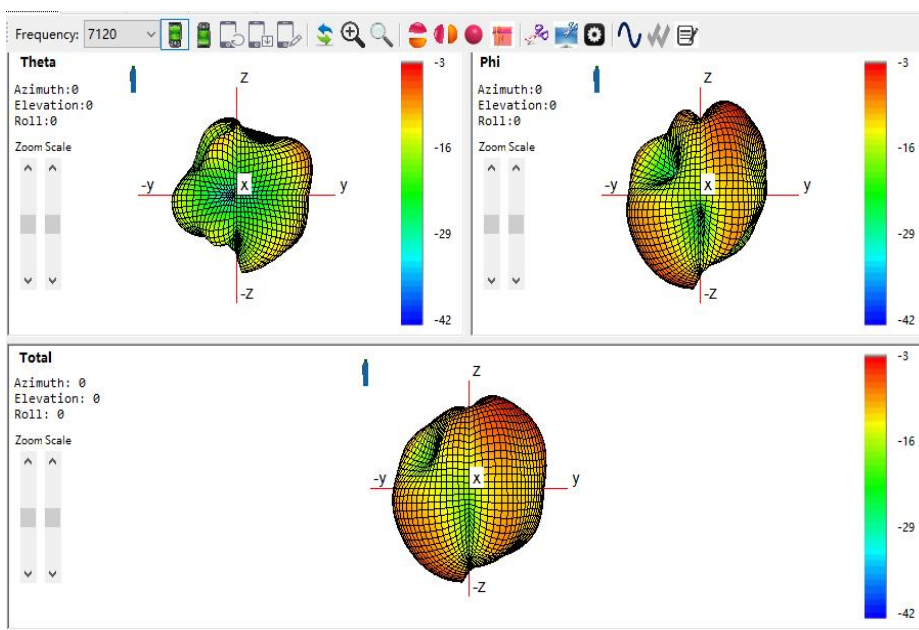
$\theta = 90^\circ$ Plane XY at 7120 MHz, Gain -1.51 dBi



$\phi = 0^\circ$ Plane XZ at 7120 MHz, Gain -1.51 dBi



$\phi = 90^\circ$ Plane YZ at 7120 MHz, Gain -1.51 dBi



工程图SCHEDULE DRAWING

