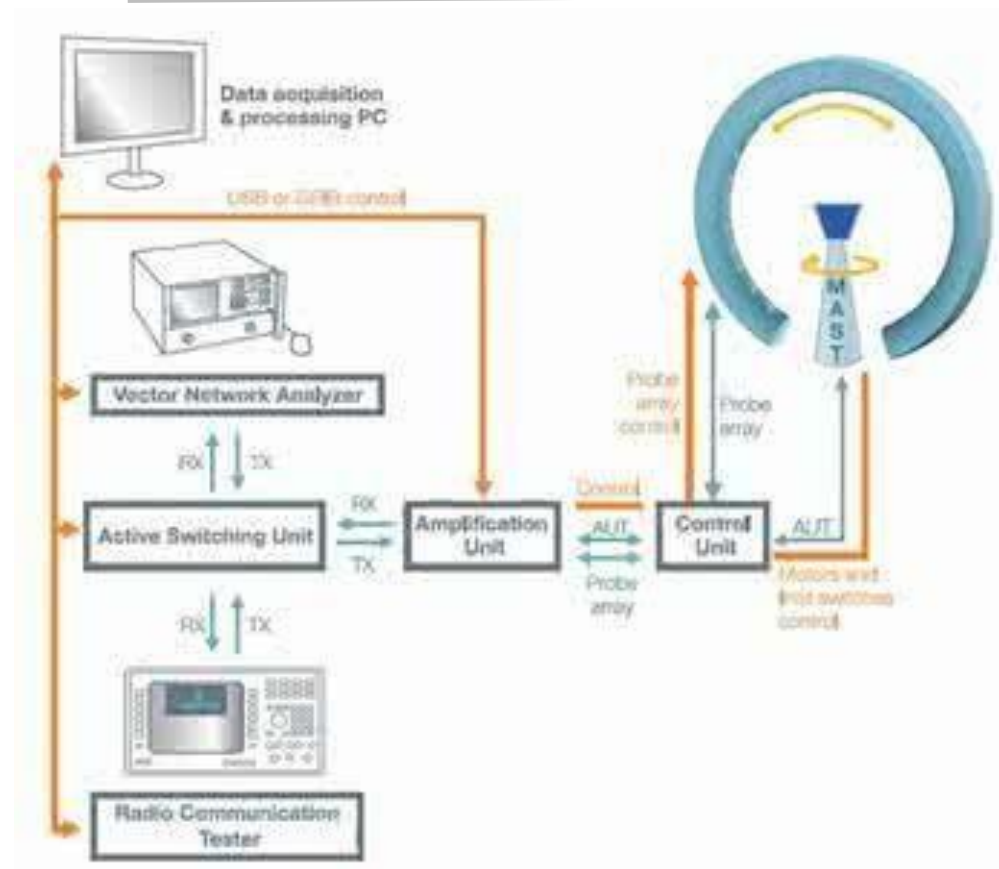


HXWF-ANT-2.4G-5.8G-195-5DB Specifications

1. Product Application
2. Data
3. Product Photos
4. Product Structure Drawing

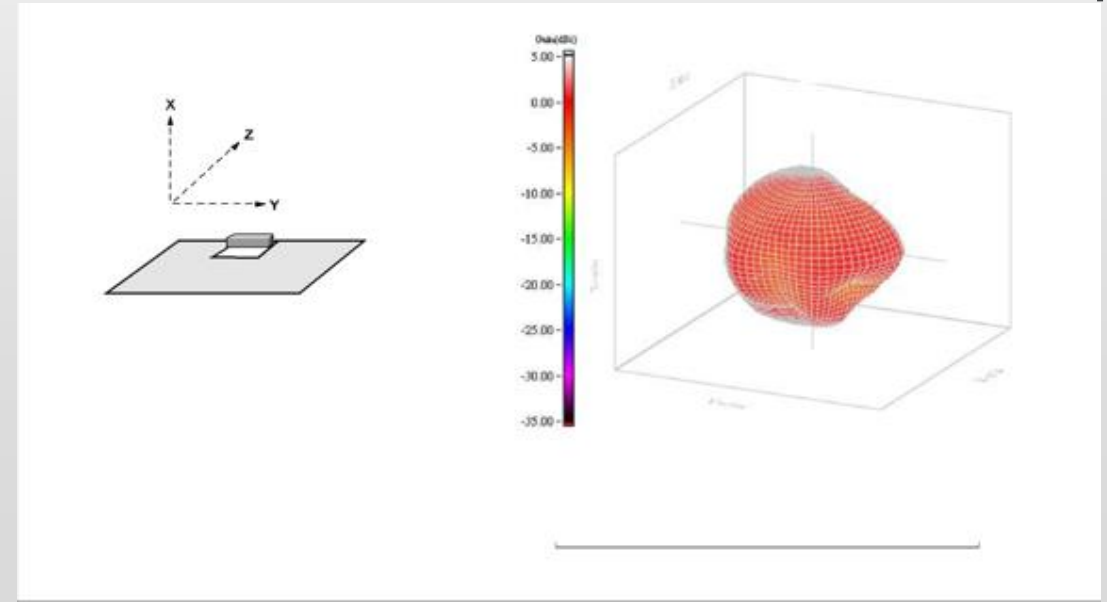
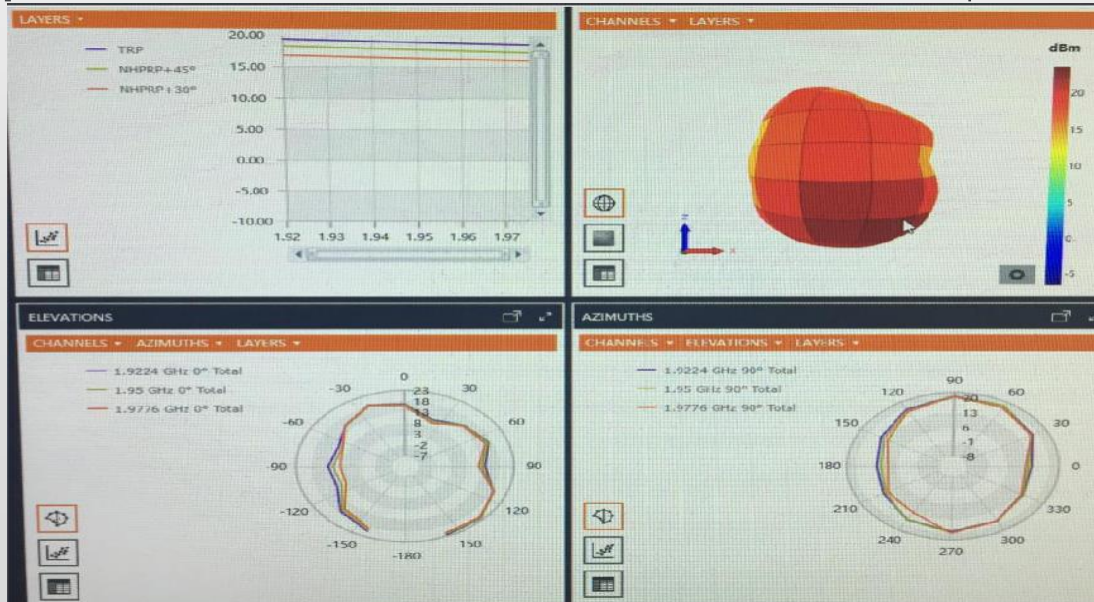
Shenzhen Huaxin Wireless Technology Co., Ltd
Shenzhen Chufeng Communication Technology Co., Ltd

Test System

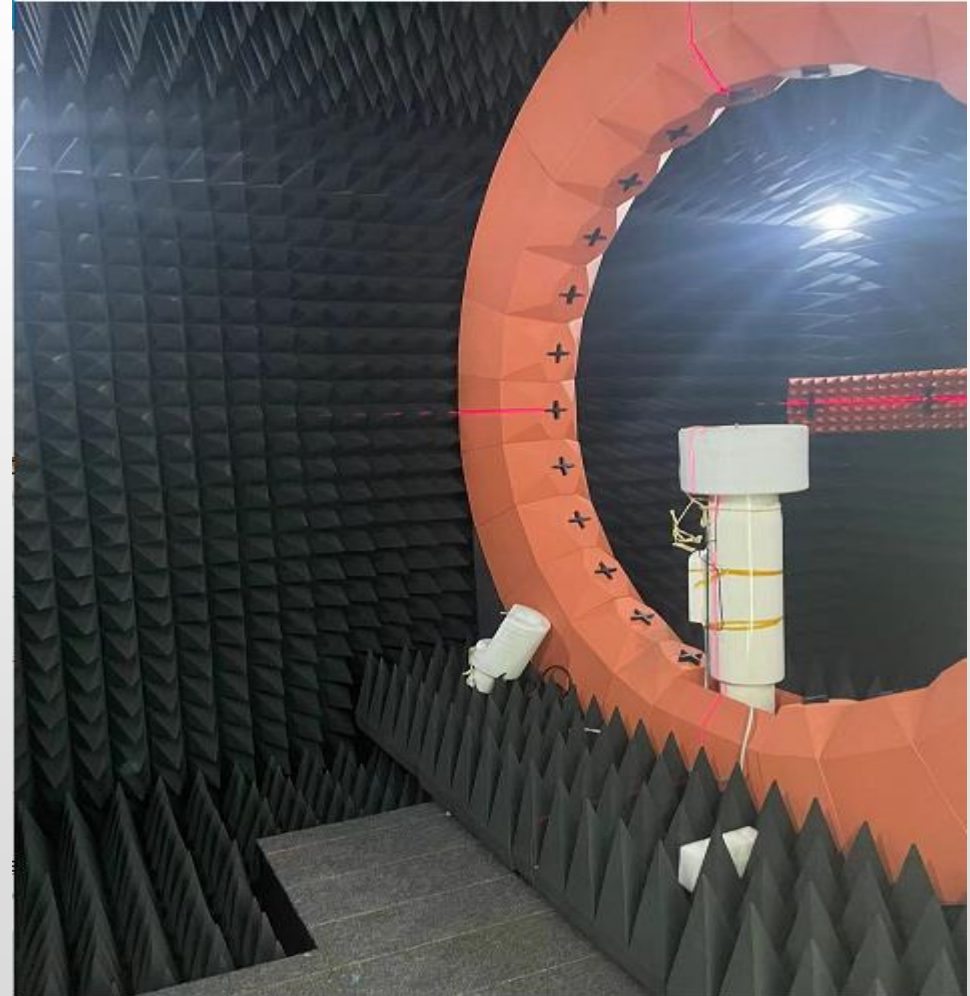


Test Items

Test Item	Test Equipment
S11, S12, VSWR 、 LOSS.....	Network Analyzer E5071C、 E5062A
Efficiency, Gain 3D Radiation Pattern	OTA Chamber, E5071C
TRP, TIS	OTA Chamber, CMW500、 MT8820C、 E4438C

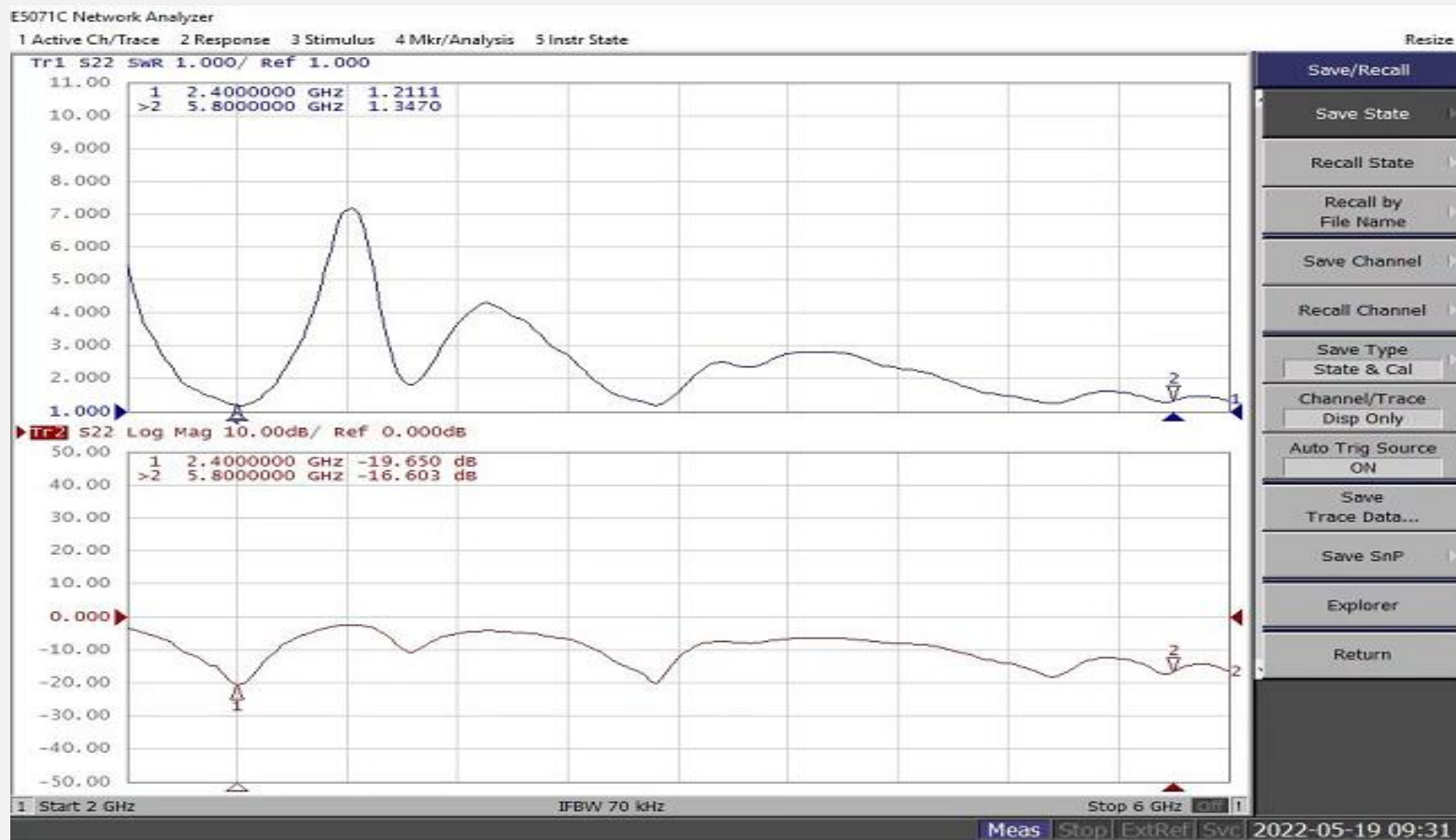


Test Sample and Environment



Specifications

VSWR/LOSS



Specifications

Efficiency

2.4G Efficiency

Frequency/Mh	Efficiency / dB	Efficiency / %	Frequency/Mhz	Efficiency / dB	Efficiency / %
2300	-1.14	76.91	2400	-0.95	80.35
2310	-0.8	83.18	2410	-1.26	74.82
2320	-0.9	81.28	2420	-1.03	78.89
2330	-0.92	80.91	2430	-1.14	76.91
2340	-0.99	79.62	2440	-1.26	74.82
2350	-1.03	78.89	2450	-1.03	78.89
2360	-1.06	78.34	2460	-1.41	72.28
2370	-1.26	74.82	2470	-1.16	76.56
2380	-1.03	78.89	2480	-1.5	70.79
2390	-1.24	75.16	2490	-1.4	72.44
2400	-0.95	80.35	2500	-1.89	64.71

5.8G Efficiency

Frequency/Mhz	Efficiency / dB	Efficiency / %	Frequency/Mhz	Efficiency / dB	Efficiency / %
5700	-1.9	64.57	5800	-2.41	57.41
5710	-1.96	63.68	5810	-2.26	59.43
5720	-2.04	62.52	5820	-2.28	59.16
5730	-2.02	62.81	5830	-2.37	57.94
5740	-2.18	60.53	5840	-2.36	58.08
5750	-2.01	62.95	5850	-2.52	55.98
5760	-2.38	57.81	5860	-2.47	56.62
5770	-2.01	62.95	5870	-2.39	57.68
5780	-2.48	56.49	5880	-2.33	58.48
5790	-2.14	61.09	5890	-2.25	59.57
5800	-2.41	57.41	5900	-2.19	60.39

Specifications

Gain

2.4G Gain

Frequency/MHz	MaxGain/dBi	AvgGain/dBi	Frequency/MHz	MaxGain/dBi	AvgGain/dBi
2300	4.41	-1.14	2400	4.79	-0.95
2310	5.06	-0.8	2410	4.29	-1.26
2320	5	-0.9	2420	4.39	-1.03
2330	5.24	-0.92	2430	4.38	-1.14
2340	5.22	-0.99	2440	4.14	-1.26
2350	5.12	-1.03	2450	4.51	-1.03
2360	5.08	-1.06	2460	4.1	-1.41
2370	4.74	-1.26	2470	4.57	-1.16
2380	4.89	-1.03	2480	4.08	-1.5
2390	4.48	-1.24	2490	4.51	-1.4
2400	4.79	-0.95	2500	3.88	-1.89

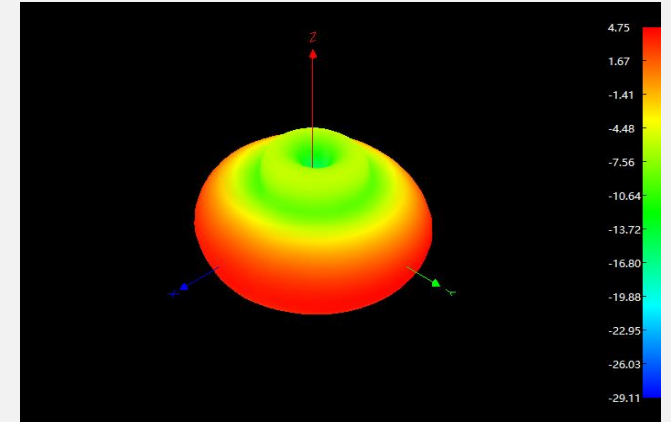
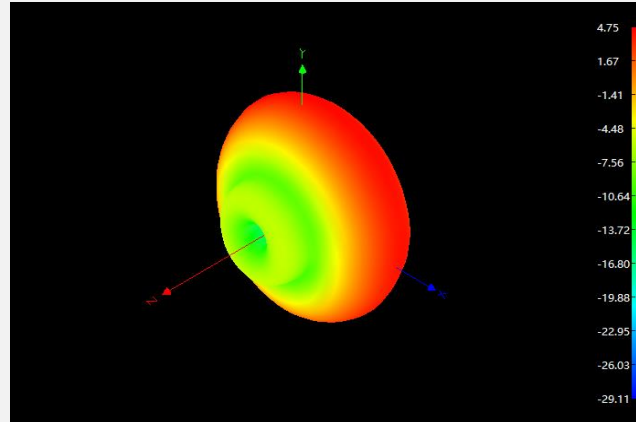
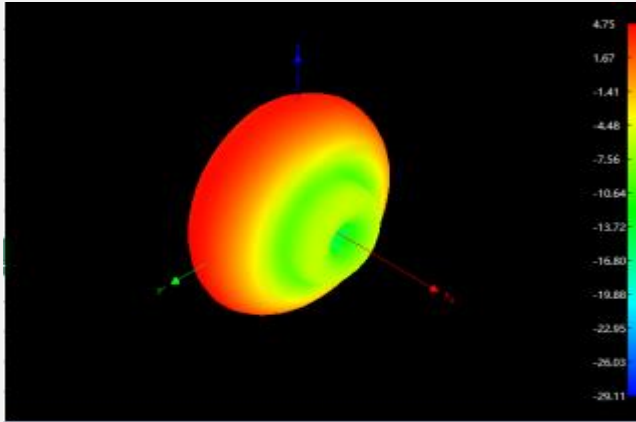
5.8G Gain

Frequency/MHz	MaxGain/dBi	AvgGain/dBi	Frequency/MHz	MaxGain/dBi	AvgGain/dBi
5700	4.79	-1.9	5800	4.12	-2.41
5710	4.72	-1.96	5810	4.49	-2.26
5720	4.68	-2.04	5820	4.25	-2.28
5730	4.67	-2.02	5830	4.17	-2.37
5740	4.49	-2.18	5840	4.03	-2.36
5750	4.63	-2.01	5850	3.83	-2.52
5760	4.17	-2.38	5860	3.72	-2.47
5770	4.69	-2.01	5870	3.75	-2.39
5780	4.03	-2.48	5880	3.74	-2.33
5790	4.46	-2.14	5890	4.05	-2.25
5800	4.12	-2.41	5900	4.03	-2.19

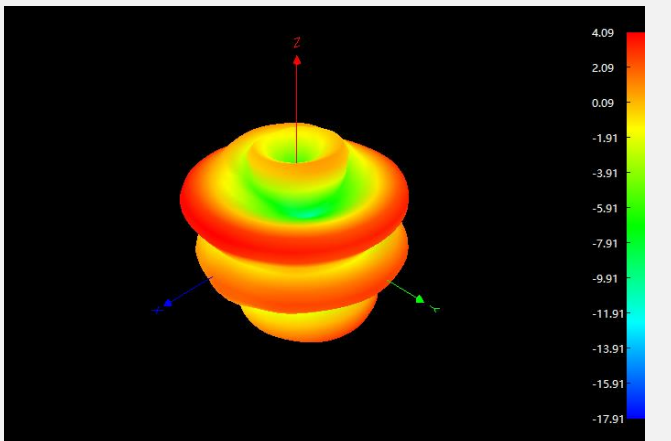
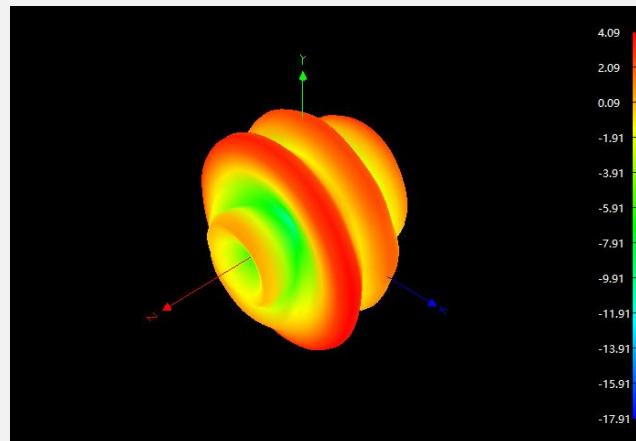
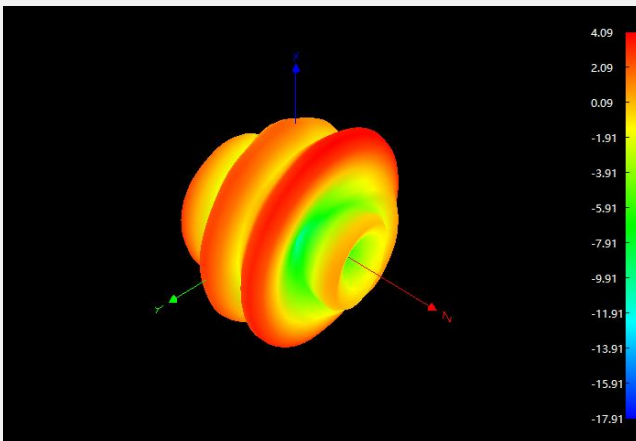
Specifications

3D Graphic

2.4G



5.8G



Specifications

Product Structure Photo

Main Body
Length 152mm



Total Length: 195mm



Bending Length: 43mm



Connector Length: 41.4mm

