

Product specification

Quick Reference Date

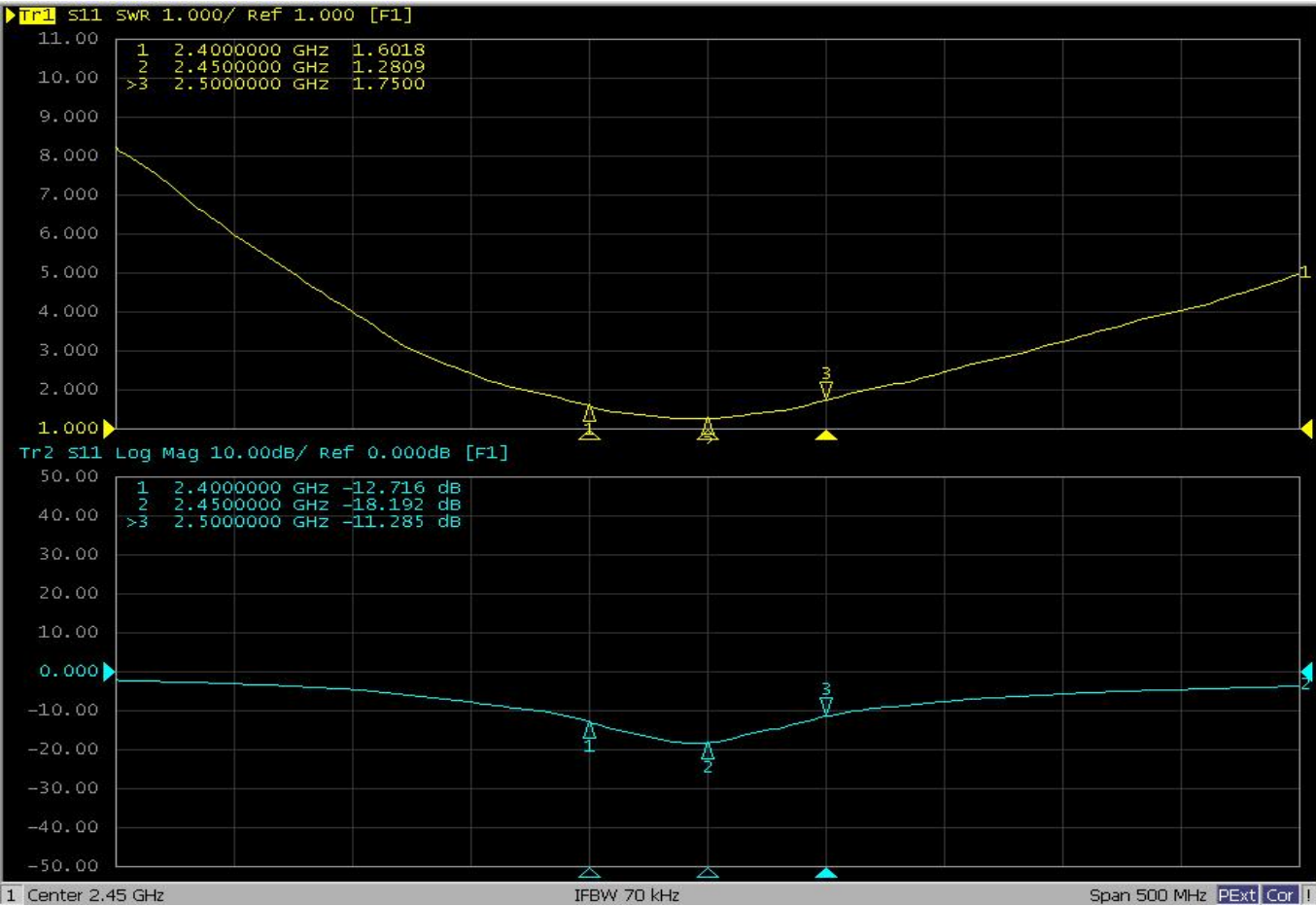
Frequency ID	1	6	11
Frequency (MHz)	2400.0	2450.0	2500.0
Efficiency (dBi)	-3.10	-2.83	-3.21
Gain (dBi)	2.01	2.36	1.97
Efficiency (%)	48.98	52.13	47.73
Directivity (dB)	5.11	5.19	5.18
Peak Gain Position (Theta)	96.00	97.00	122.00
Peak Gain Position (Phi)	50.00	50.00	55.00
Efficiency ThetaPol (%)	24.10	25.99	24.47
Efficiency PhiPol (%)	24.88	26.15	23.26
Upper Hem. Efficiency (%)	22.79	23.99	21.88
Lower Hem. Efficiency (%)	26.18	28.14	25.84
Frequency (MHz)	2400.0	2450.0	2500.0
Efficiency (dBi)	-3.10	-2.83	-3.21
Gain (dBi)	2.01	2.36	1.97

Antenna Layout & module on the system board

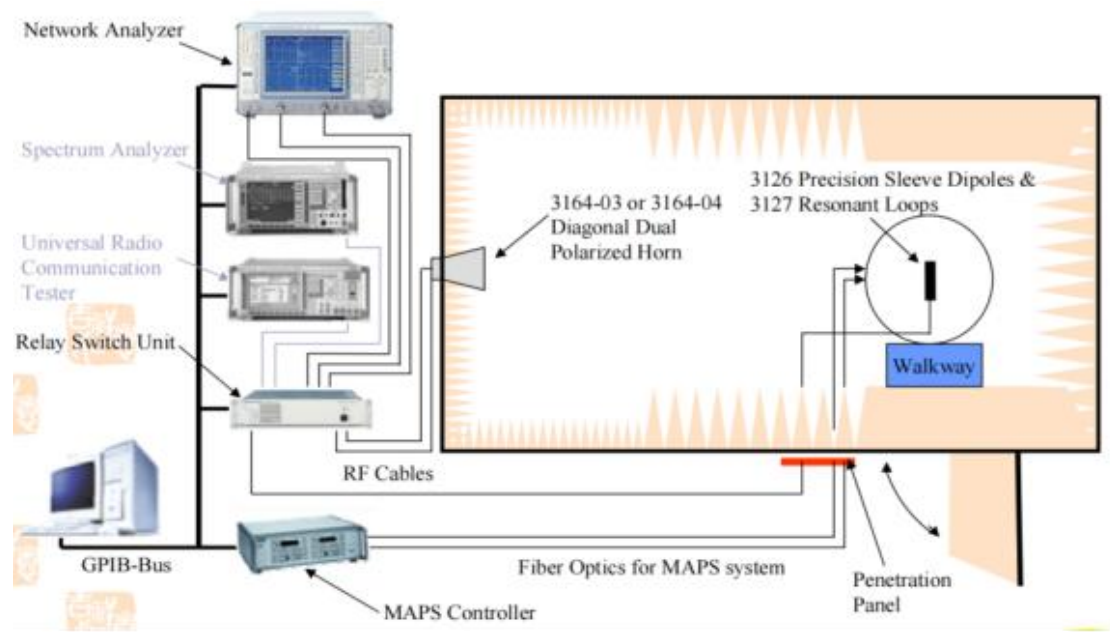
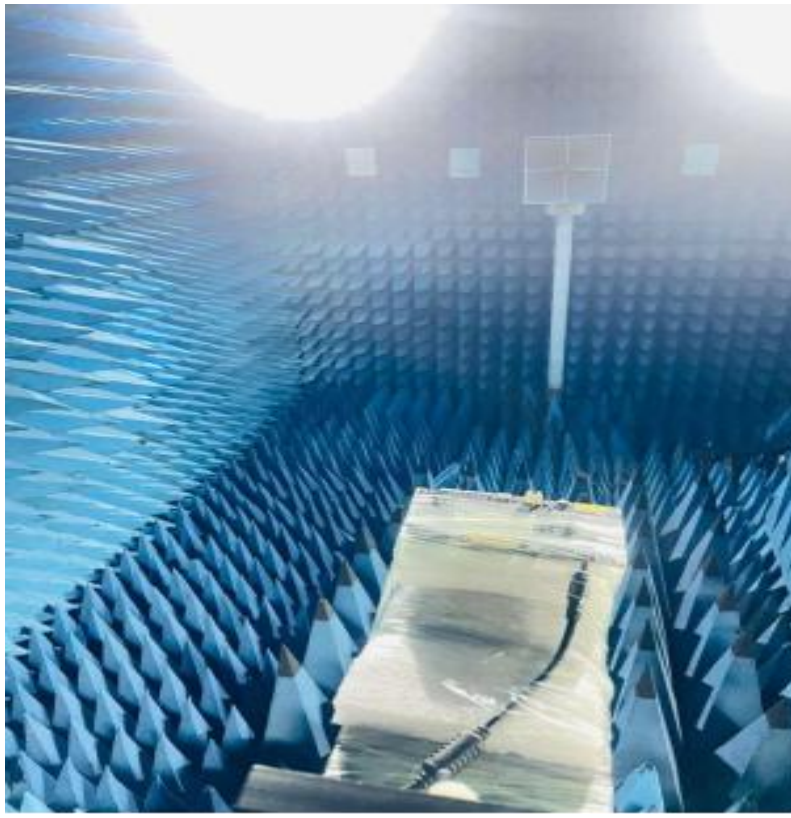


Manufacturer:	Shenzhen Huitong Botai Digital Technology Co., Ltd.
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T90(H)圆度	11.19	11.57	15.13
Gain 15deg (dBi)			
E1(XZ)波瓣宽度	90.00	92.00	90.00
E1(XZ)前后比	7.73	7.70	9.17
E2(YZ)波瓣宽度	65.00	62.00	58.00
E2(YZ)前后比	0.54	0.47	0.11
最大增益处轴比(P)	15.26	15.48	10.72
仰角10度最差(大)轴比(P)	57.13	65.92	53.08
Hc(XY)波瓣宽度	73.00	75.00	123.00
Hc(XY)前后比	4.39	4.74	4.40
左旋圆极化效率(%)	24.54	26.33	20.95
右旋圆极化效率(%)	24.44	25.80	26.77
T90(H)圆度	11.19	11.57	15.13



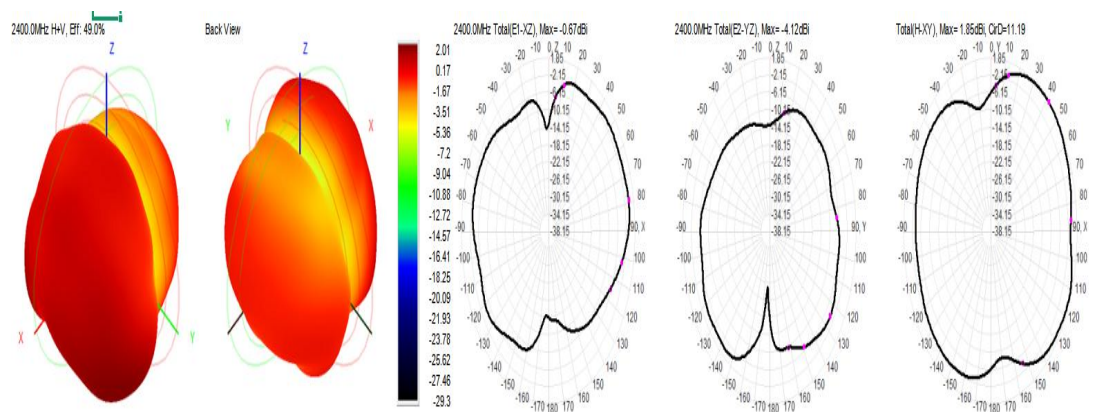
The Environment of Antenna Radiation Pattern



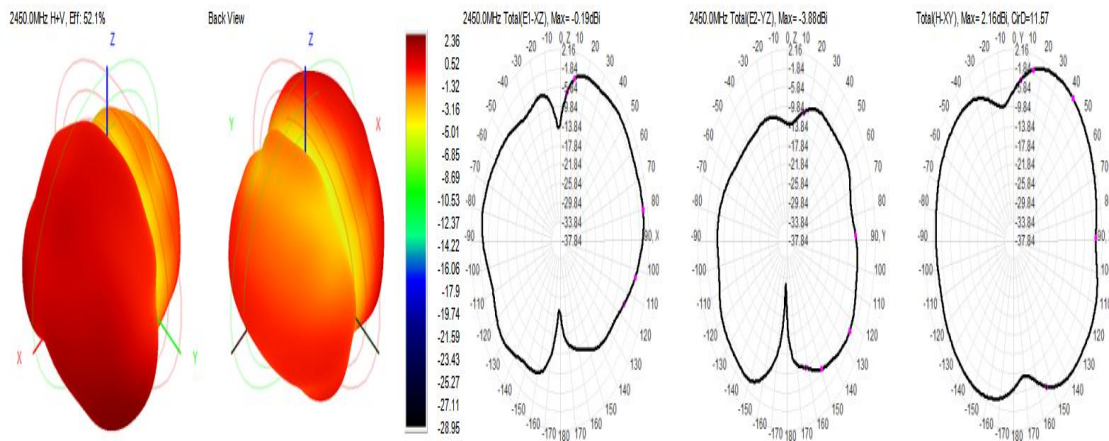
3D radiation pattern diagram

XY-plane XZ-plane YZ-plane

2400.0MHz



2450.0MHz



2500.0MHz

