

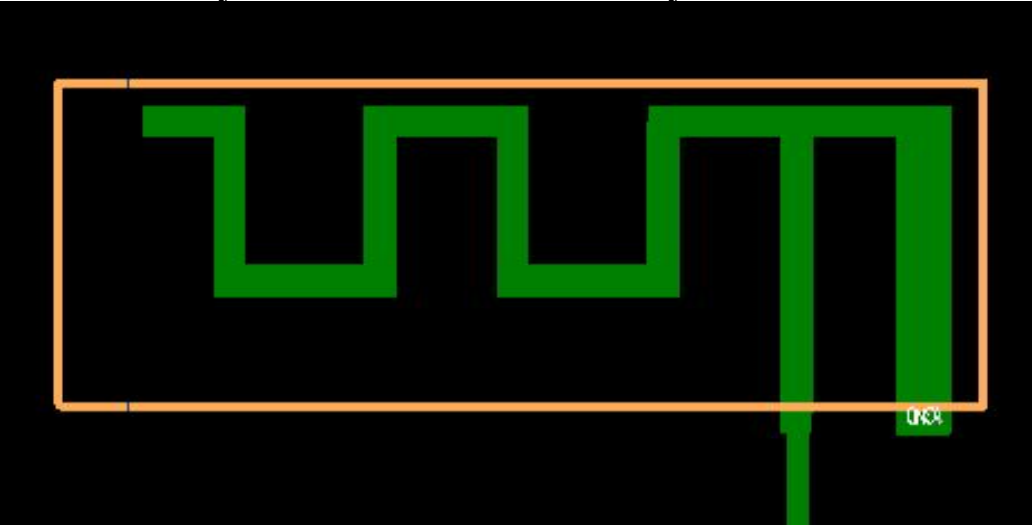
Product specification

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

All the technical data and information contained herein are subject to change without prior notice

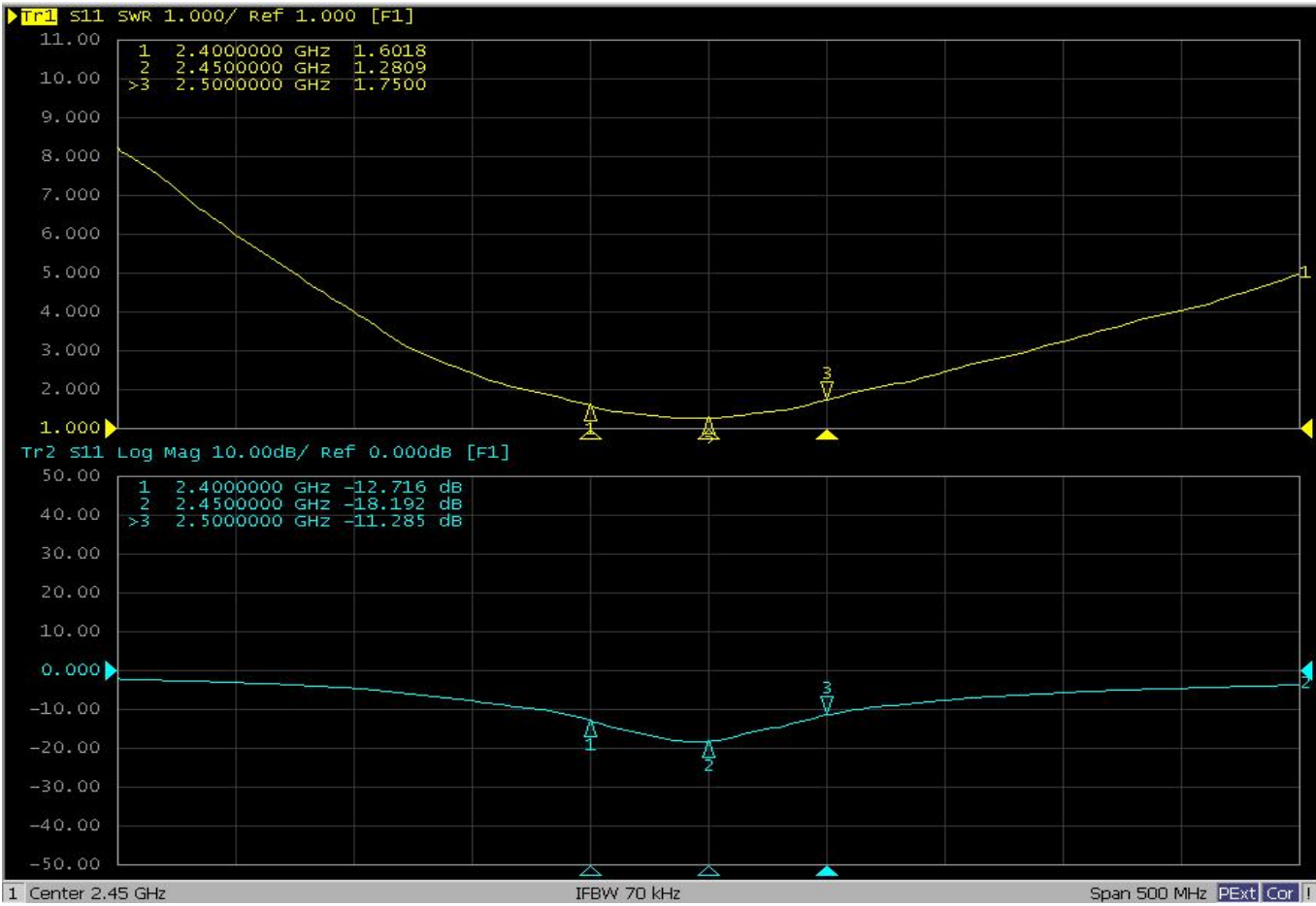
Antenna Layout & module on thesystem board



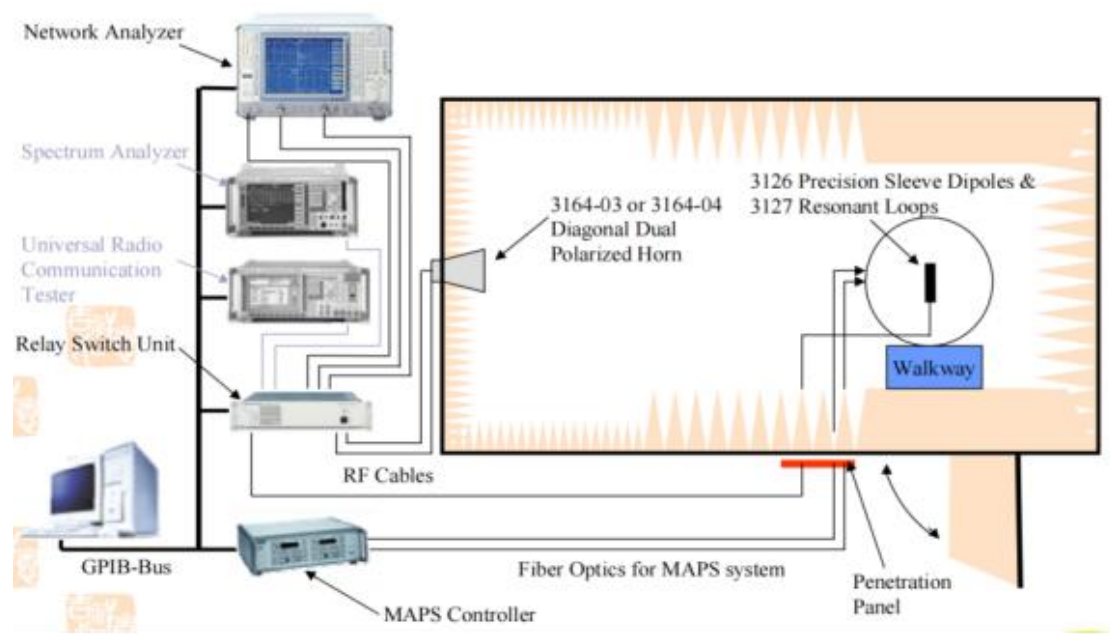
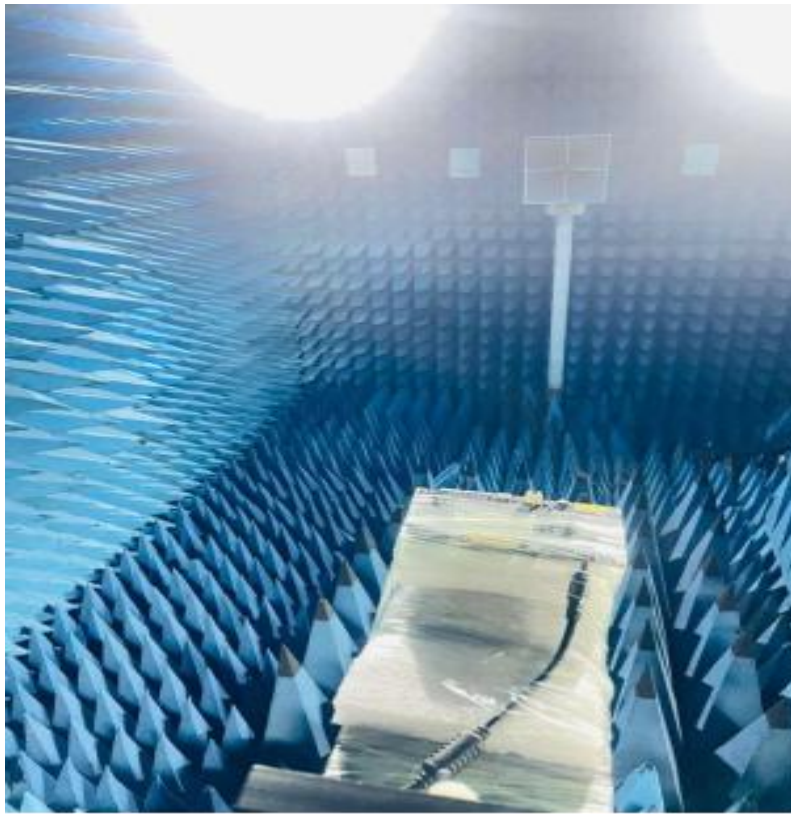
Manufacturer:Shenzhen Lianhang Digital Technology Co., Ltd.
Address:Room 706, Block A, Gangzhilong Business Center, No.8 Qinglong Road, Qinghua Community,
Longhua Sub-district, Longhua District, Shenzhen City

Antenna Gain Gain Table

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



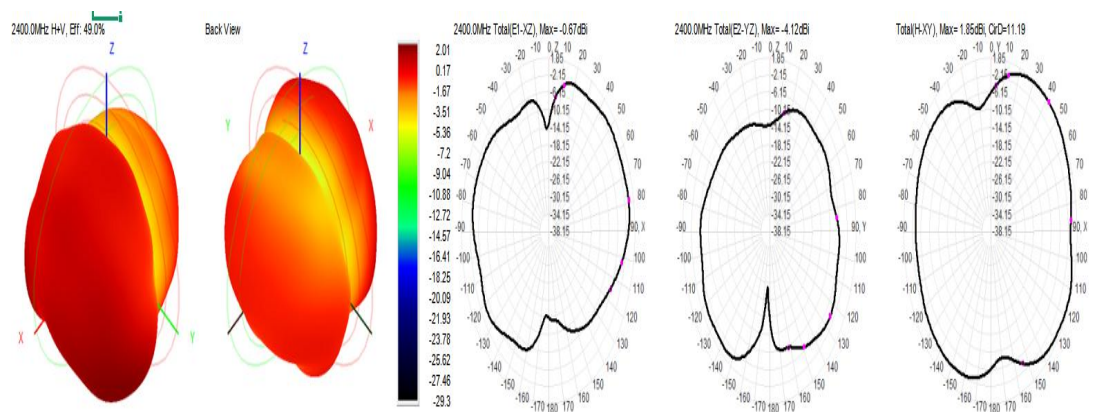
The Environment of Antenna Radiation Pattern



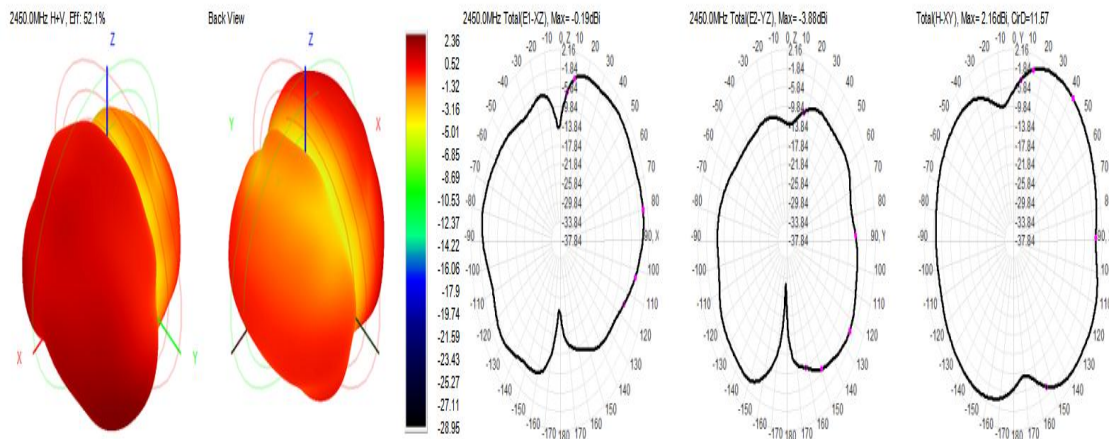
3D radiation pattern diagram

XY-plane XZ-plane YZ-plane

2400.0MHz



2450.0MHz



2500.0MHz

