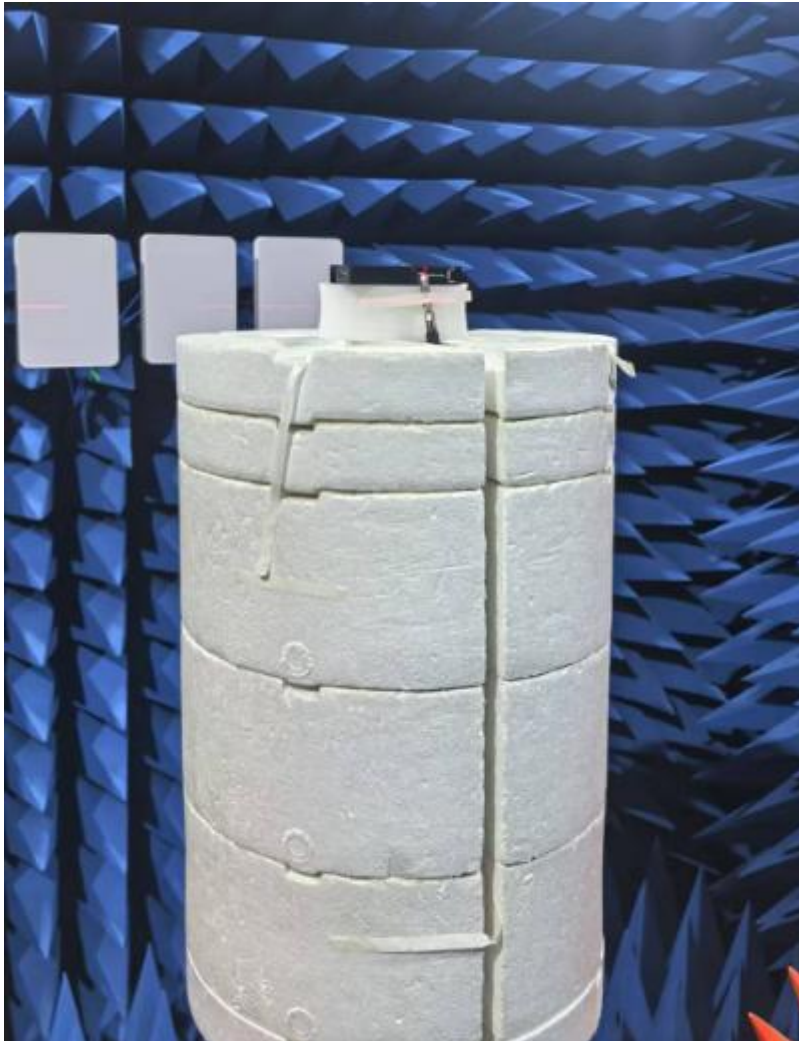


Antenna Specifications

Antenna pictures:



Testing environment:



Testing instruments:

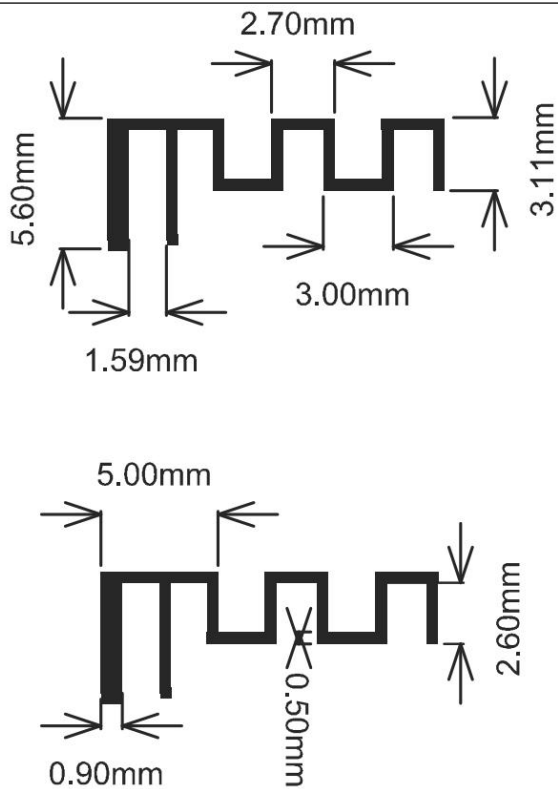
measuring apparatus	Instrument model
Network analyzer	KEYSIGHT E5071C
Radio frequency (RF) anechoic chamber	4m×4m×4m antenna test anechoic chamber with 24 probes.

S11 data:

frequency (MHz)	2400	2450	2500
Return Loss	-2.39	-1.95	-1.64
VSWR	7.30	8.91	10.57



Antenna Photo & Length (mm)

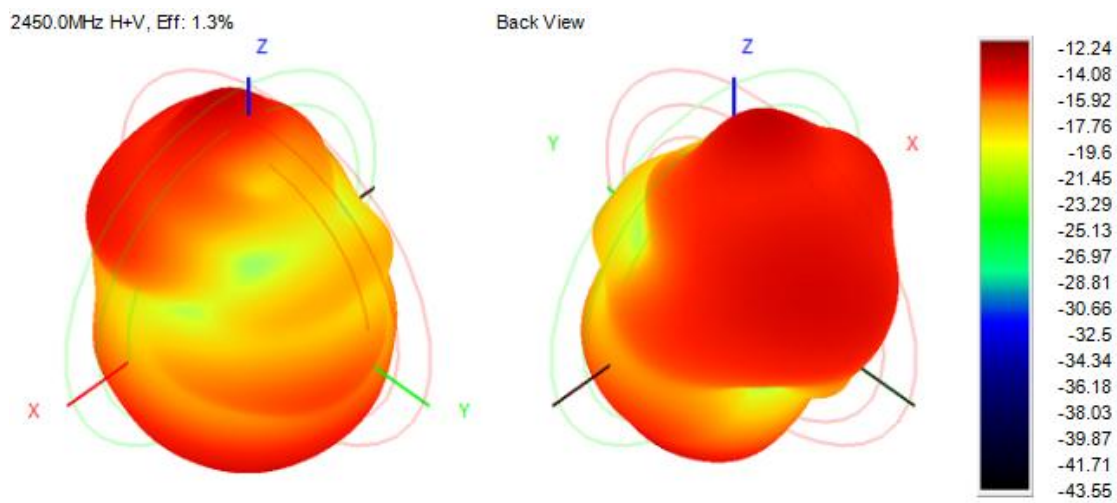


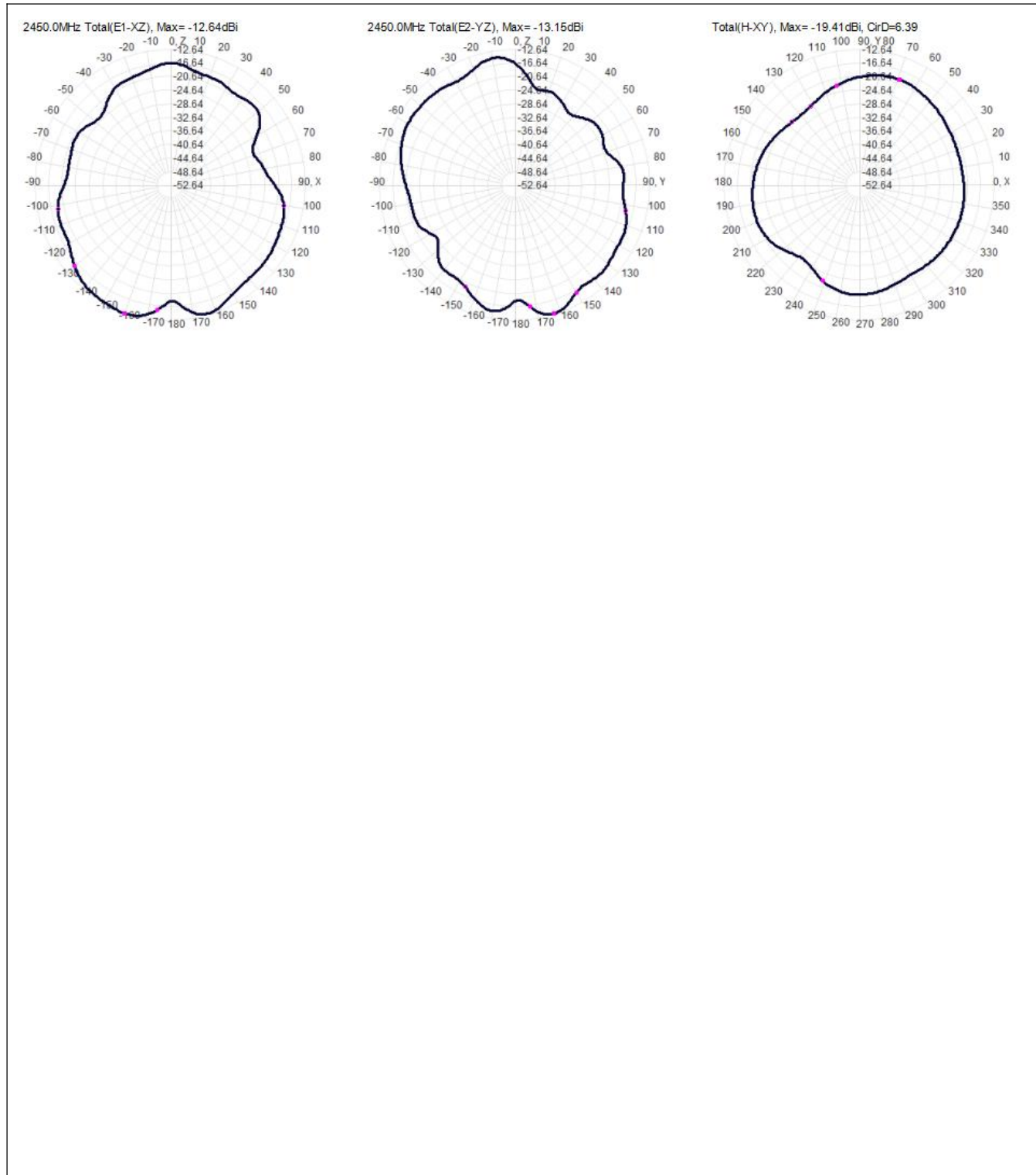
Antenna gain efficiency:

Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	-10.07	-10.67	-11.54	-12.15	-12.35	-12.24	-11.98	-11.67	-11.35	-10.98	-10.81
Efficiency (%)	1.55	1.48	1.41	1.37	1.30	1.30	1.31	1.29	1.29	1.33	1.33

Radiation pattern:

2450MHz:





Manufacturer: Shenzhen Xinguang Circuit Technology Co., Ltd.

Address: The third floor, Building 4, Changxing Science and Technology Park, Shayi Community, Shajing Street, Bao'an District, Shenzhen City, China

Model: 2.4GHz PCB ANT