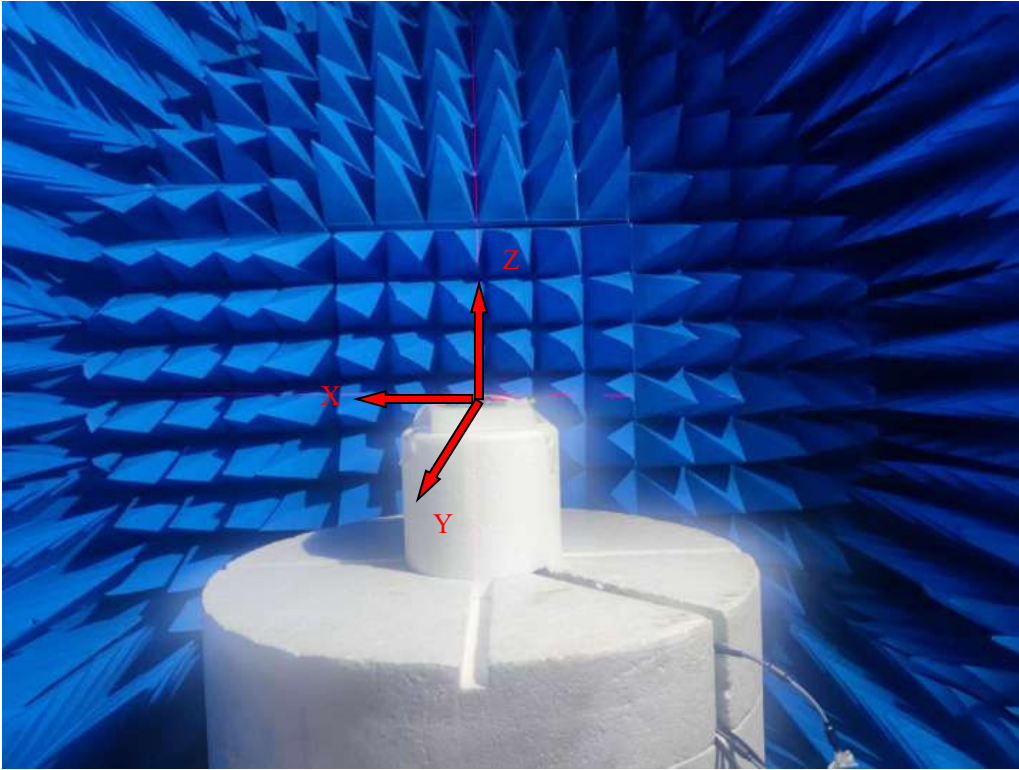


Antenna Test Report

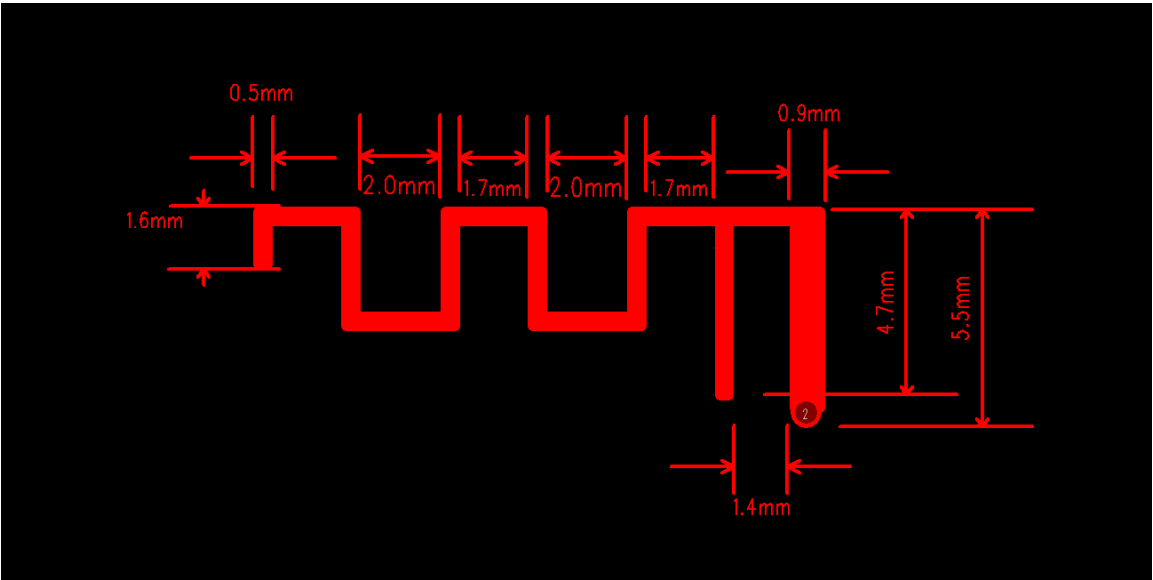
SPECIFICATIONS	
Frequency (MHz)	2400-2480
VSWR	<3.2
Impedance (Ω)	50 Ω
Antenna Type	Plannar Inverted F Antenna on board
Polarization	Linear

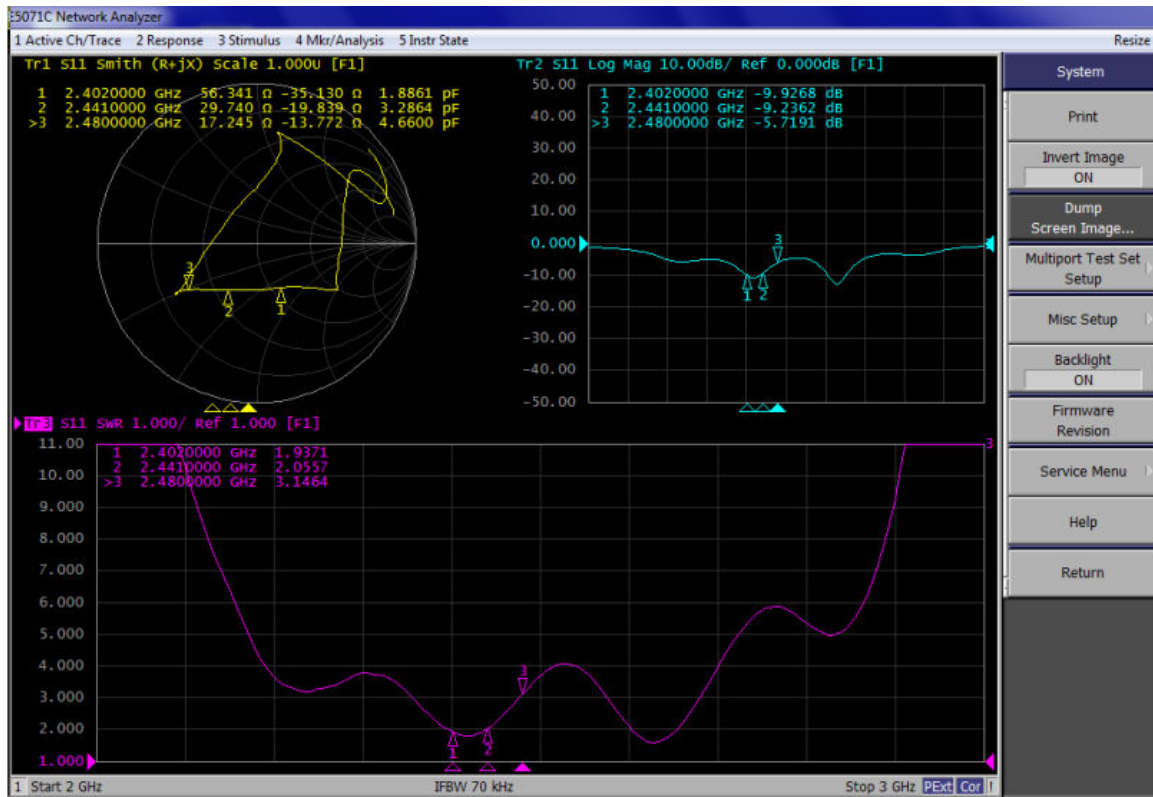
Test environment: Zhongke Guoji anechoic Chamber Test System



DONGGUAN LINPA ACOUSTIC TECHNOLOGY CO.,LTD
2A No.60 Lizhong Road Dali Qingxi Town, DONGGUAN, China

Physical dimensions of the antenna

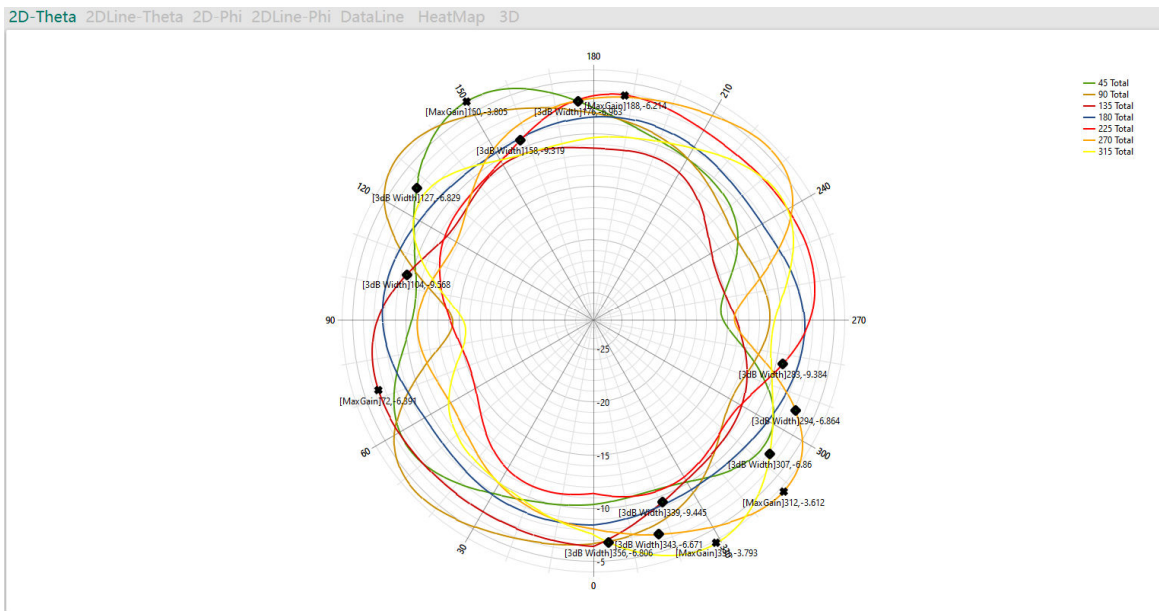




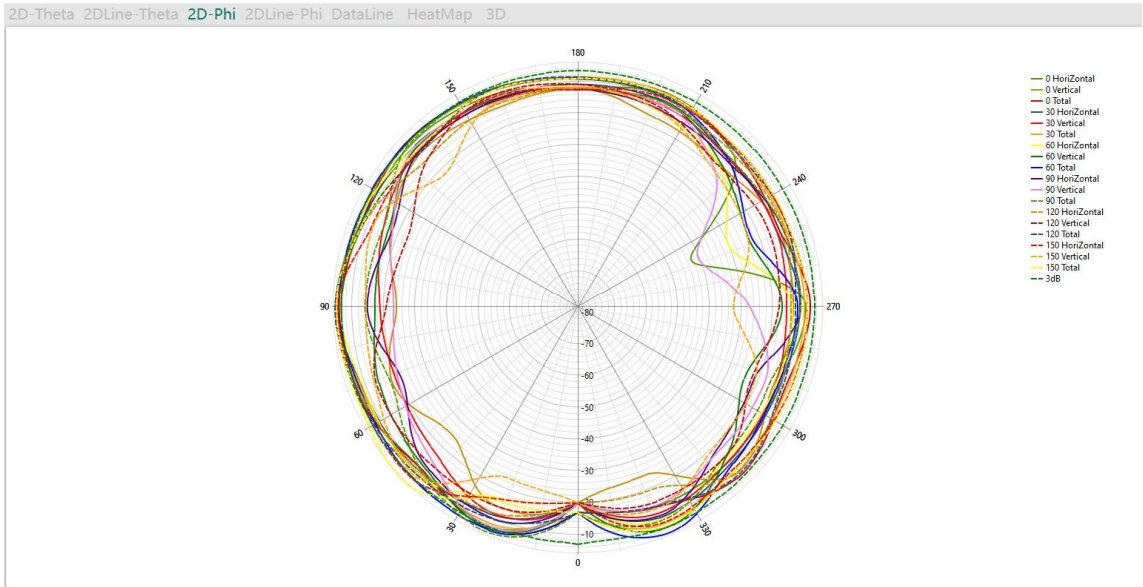
Antenna efficiency and gain

Frequency (MHz)	Gain (dBi)	Efficiency (%)	Average Gain (dBi)	Efficiency (dB)
2400	1.433	59.329%	-2.717	-2.267
2410	0.927	51.861%	-3.416	-2.852
2420	0.829	52.112%	-3.166	-2.831
2430	0.881	49.299%	-3.258	-3.072
2440	1.192	50.672%	-3.144	-2.952
2450	1.688	53.067%	-2.735	-2.752
2460	2.194	59.423%	-2.276	-2.260
2470	2.118	56.680%	-2.438	-2.466
2480	2.499	61.727%	-2.112	-2.095
Average	1.529	54.908%	-2.806	-2.616
Peak	2.499	61.727%	-2.112	-2.095

2440MHz 2D-Theta Pattern

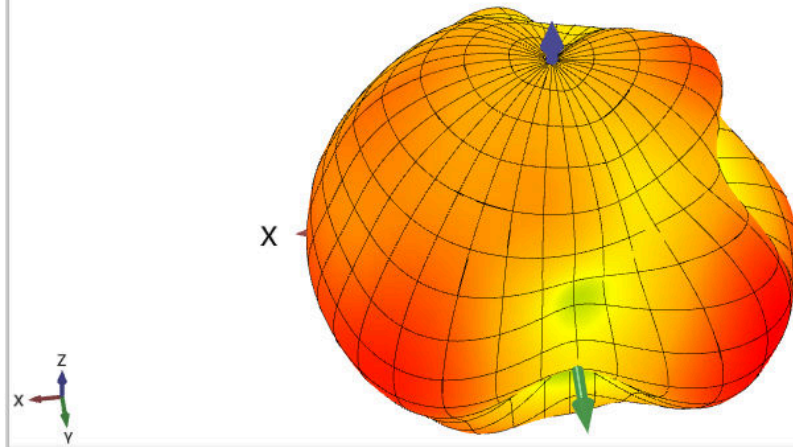


2440MHz 2D-Phi Pattern



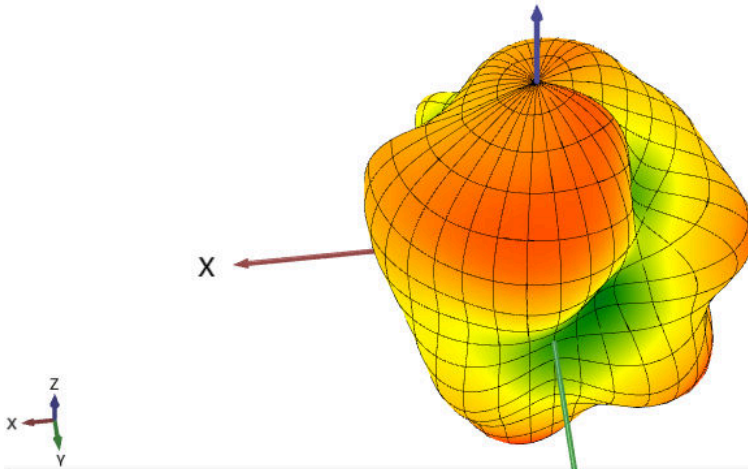
2440MHz 3D-Horizontal Pattern

Horizontal



2440MHz 3D-Vertical Pattern

Vertical



2440MHz 3D-Total Pattern

