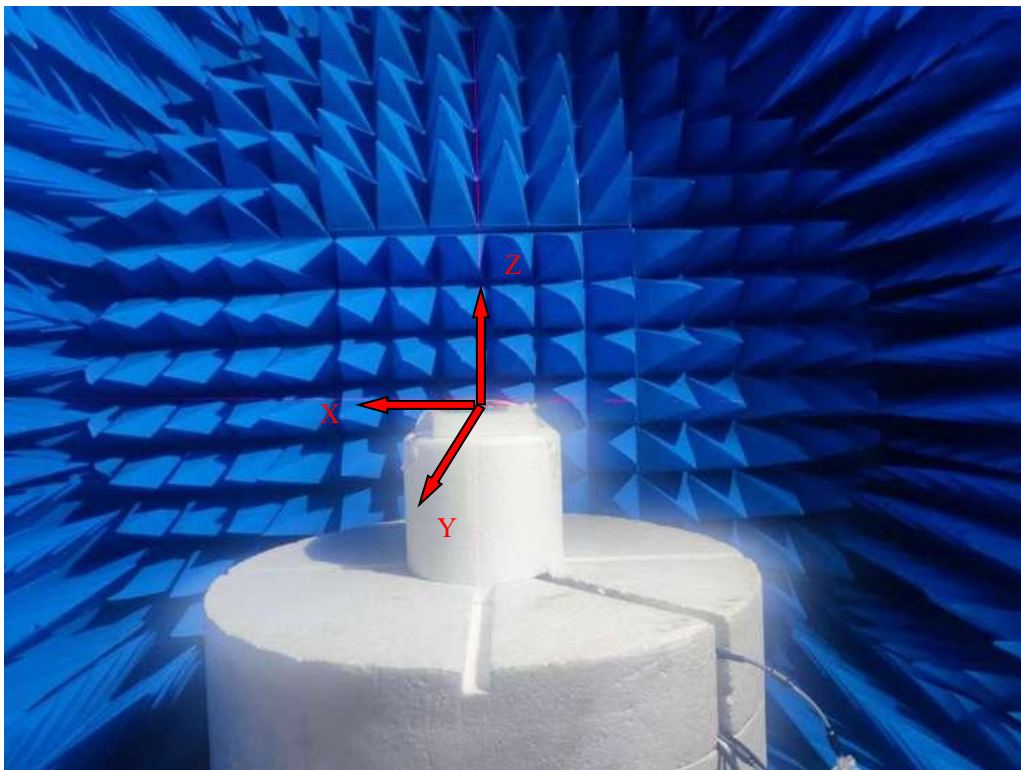


2.4G-2.48G Test Report of Metal Wire Antenna in Frequency Band

SPECIFICATIONS	
Frequency (MHz)	2400-2480
Peak Gain (dBi)	-6.0
Average Gain (dBi)	>-14.827
VSWR	<3
Impedance (Ω)	50 Ω
Antenna Type	Metal wire antenna
Polarization	Linear
manufacturer	Shenzhen Starmax Technology Co.,Ltd
Address	31F, Building 2, Huasheng Longyue Tower, Jinglong Community, Longhua Street, Longhua District, Shenzhen, China.

Test environment: Zhongke Guoji Darkroom Testing System



Antenna physical object and physical dimensions

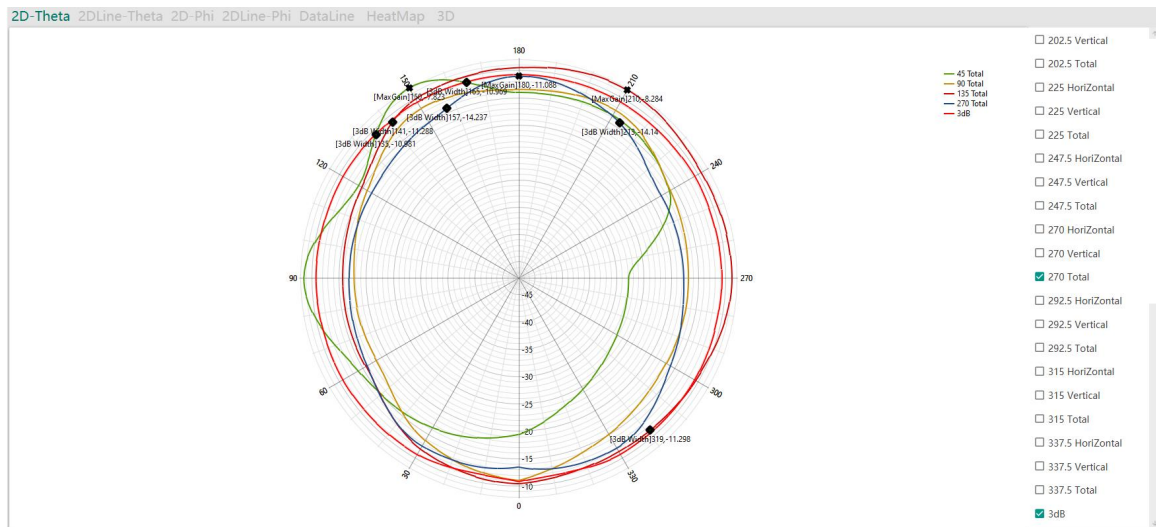
length: 23mm	external diameter:0.6mm
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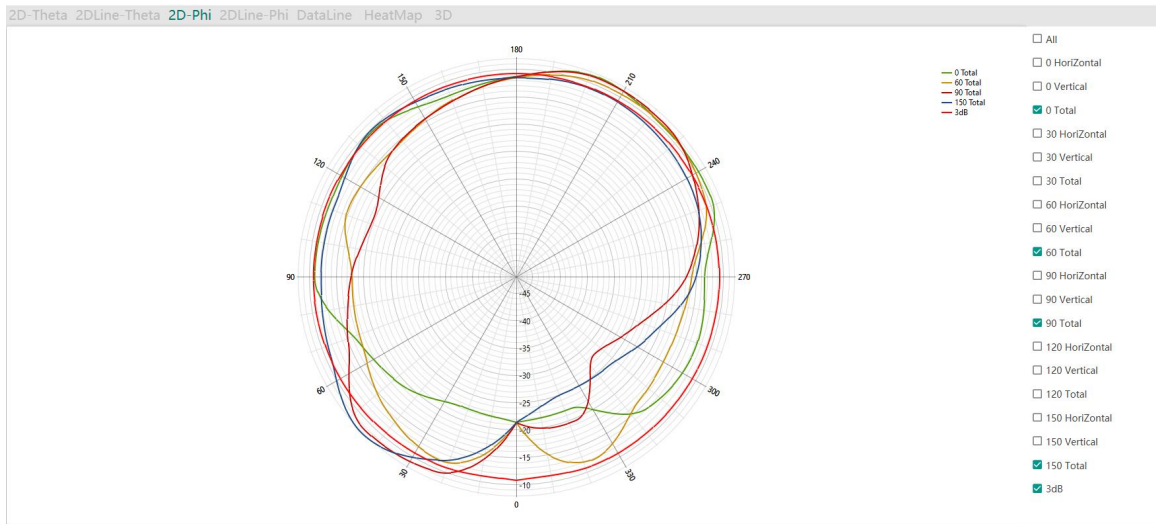
Antenna efficiency and gain

Frequency (MHz)	Gain (dBi)	Efficiency (%)	AverageGain (dBi)	Efficiency (dB)
2400	-7.945	5.13%	-14.827	-12.896
2410	-7.656	5.40%	-14.617	-12.677
2420	-8.024	5.34%	-14.295	-12.727
2430	-8.025	5.15%	-14.616	-12.879
2440	-7.823	5.23%	-14.412	-12.813
2450	-7.167	6.28%	-13.274	-12.023
2460	-6.814	6.77%	-12.874	-11.697
2470	-6.087	7.88%	-12.078	-11.036
2480	-6.0	8.56%	-11.689	-10.674
Average	-7.945	5.13%	-14.827	-12.896
Peak	-6.0	8.56%	-11.689	-10.674

Antenna 2440MHz 2D-Theta Pattern



Antenna 2440MHz 2D-Phi Pattern



2440MHz 3D-Total Pattern

