

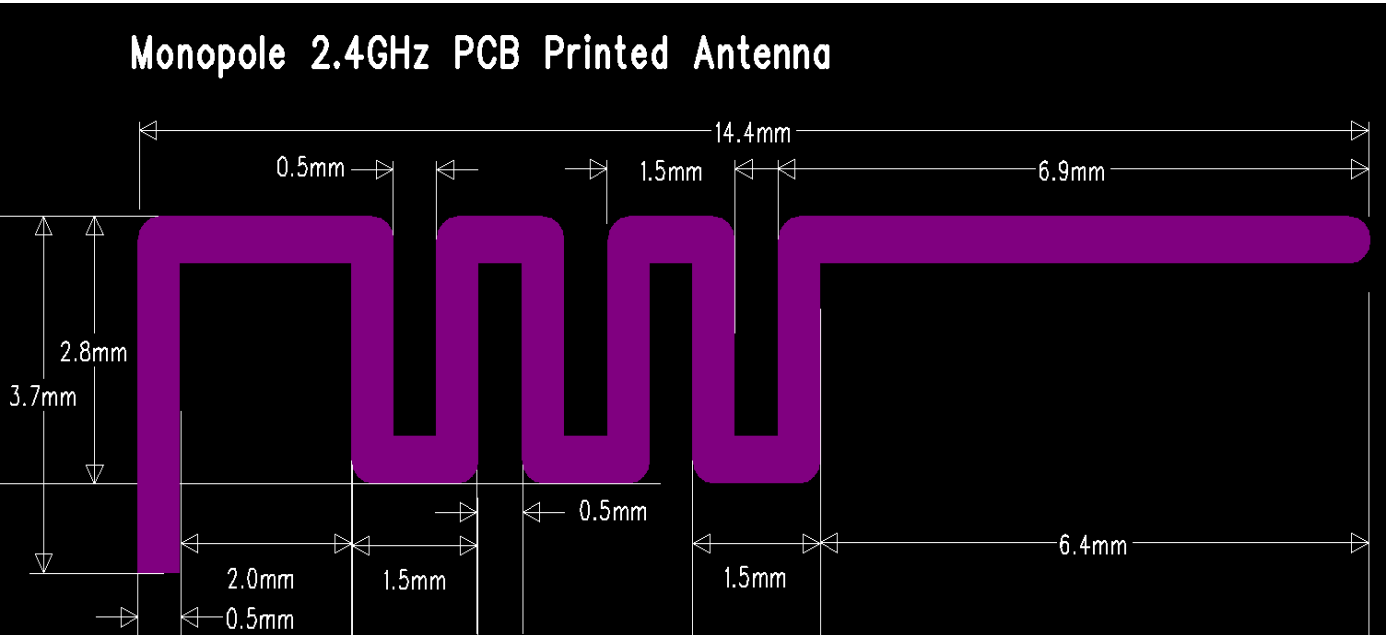
Antenna Specification

Specifications

Summary

ITEM	SPEC.	
Model Name	Monopole 2.4 GHz PCB	
Center Frequency	2402MHz	2.32 dBi
	2440MHz	2.51 dBi
	2480MHz	2.51 dBi
MAX. GAIN	2.51dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	

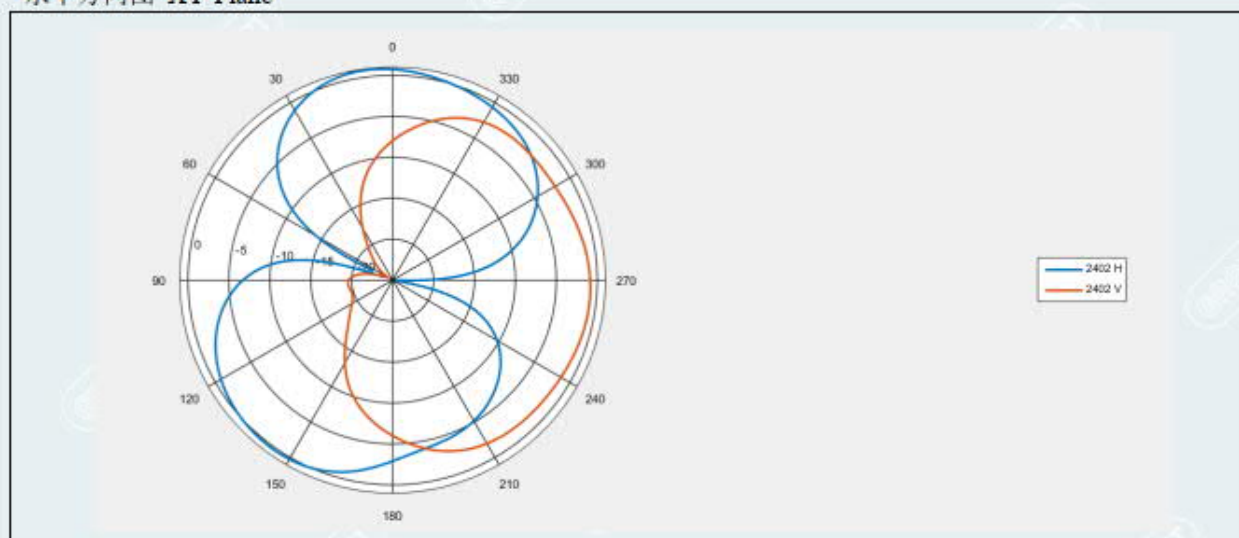
Antenna Photo & Length(mm)



1. Main Antenna Channel : 2402 MHz

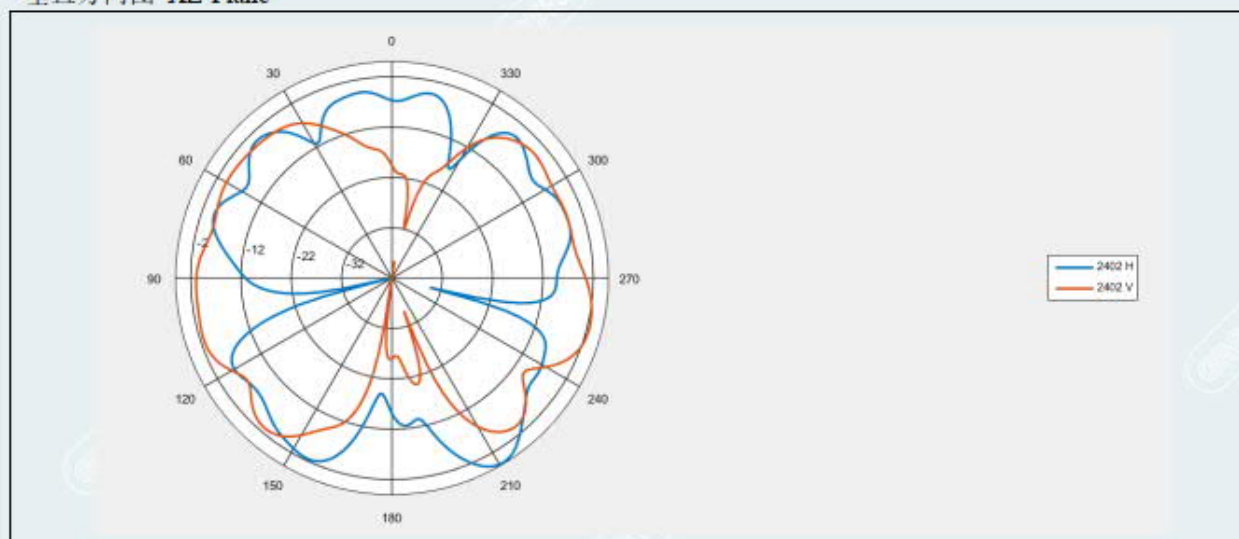
b) 2402MHz

水平方向图 XY-Plane



	Peak gain(dBi)	Avg gain(dBi)
H cut	-0.56	-5.18
V cut	2.42	-2.51
Total	2.32	-0.55

垂直方向图 XZ-Plane



	Peak gain(dBi)	Avg gain(dBi)
H cut	-0.63	-5.04
V cut	2.51	-2.56
Total	2.32	-0.83

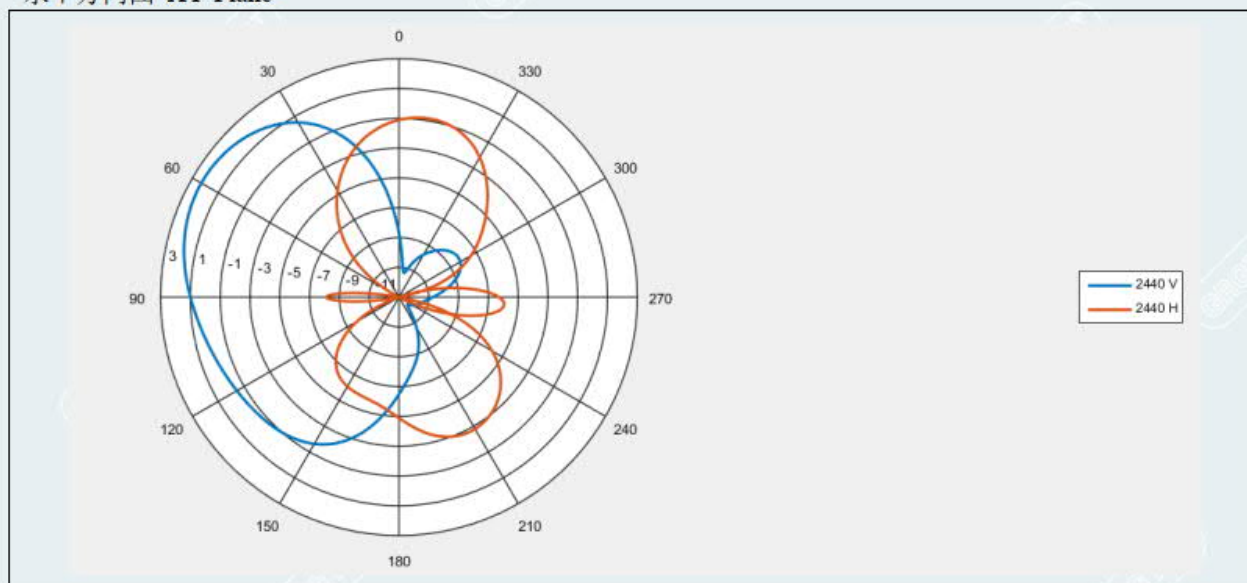
GRG METROLOGY & TEST GROUP CO., LTD.

Address: No.163,Pingyun Road, West of Huangpu Avenue, Guangzhou, Guangdong, China
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2. Main Antenna Channel : 2440 MHz

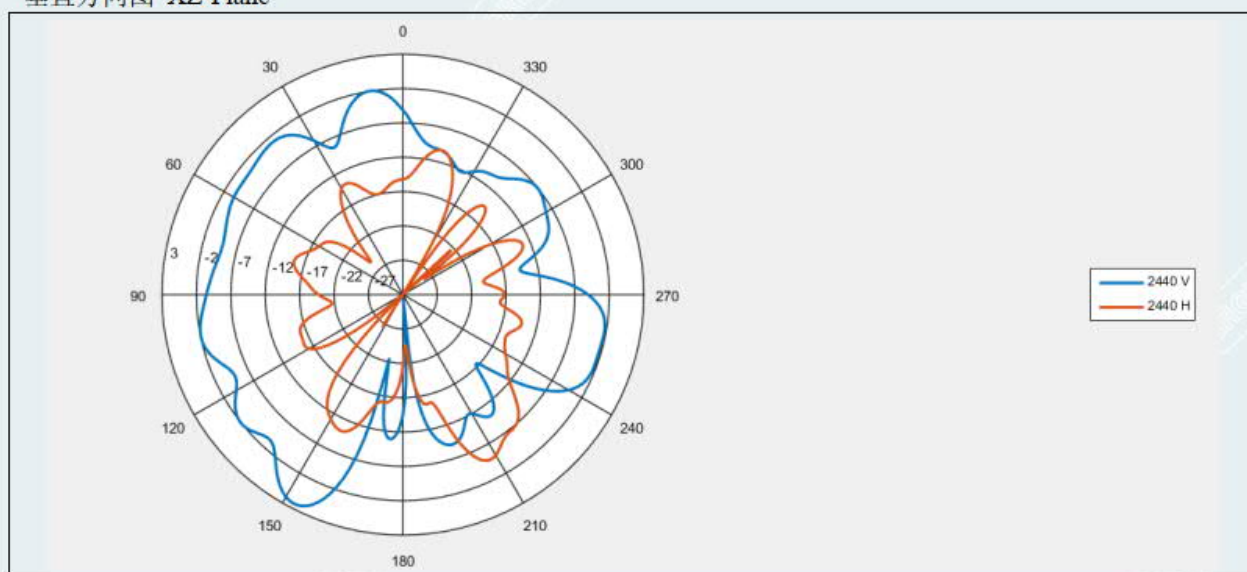
d) 2440MHz

水平方向图 XY-Plane



	Peak gain(dBi)	Avg gain(dBi)
H cut	-1.07	-5.34
V cut	2.33	-2.71
Total	2.51	-0.82

垂直方向图 XZ-Plane



	Peak gain(dBi)	Avg gain(dBi)
H cut	-5.0	-16.46
V cut	2.30	-6.88
Total	2.51	-5.67

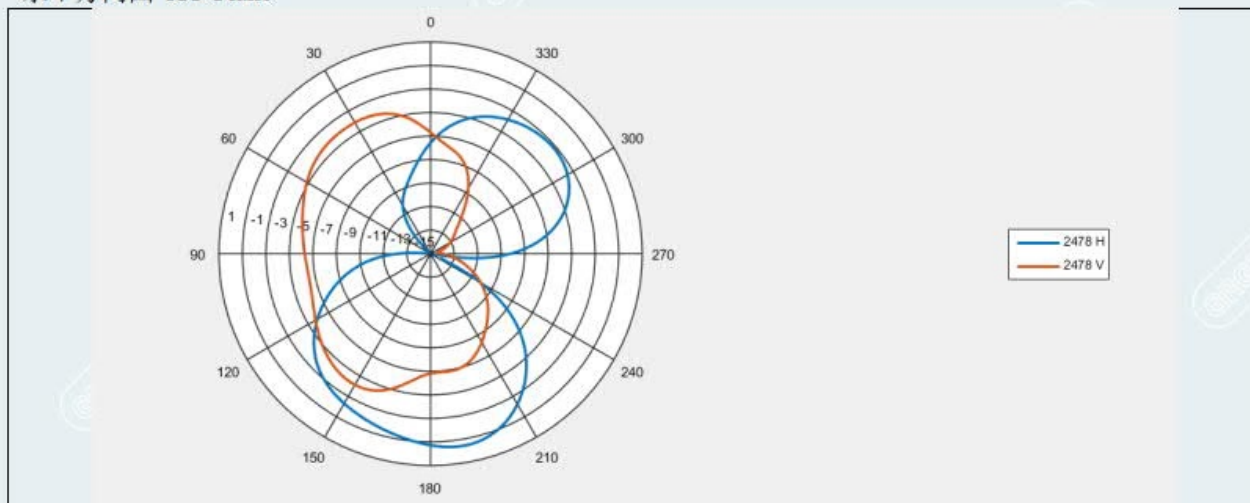
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3. Main Antenna Channel : 2480MHz

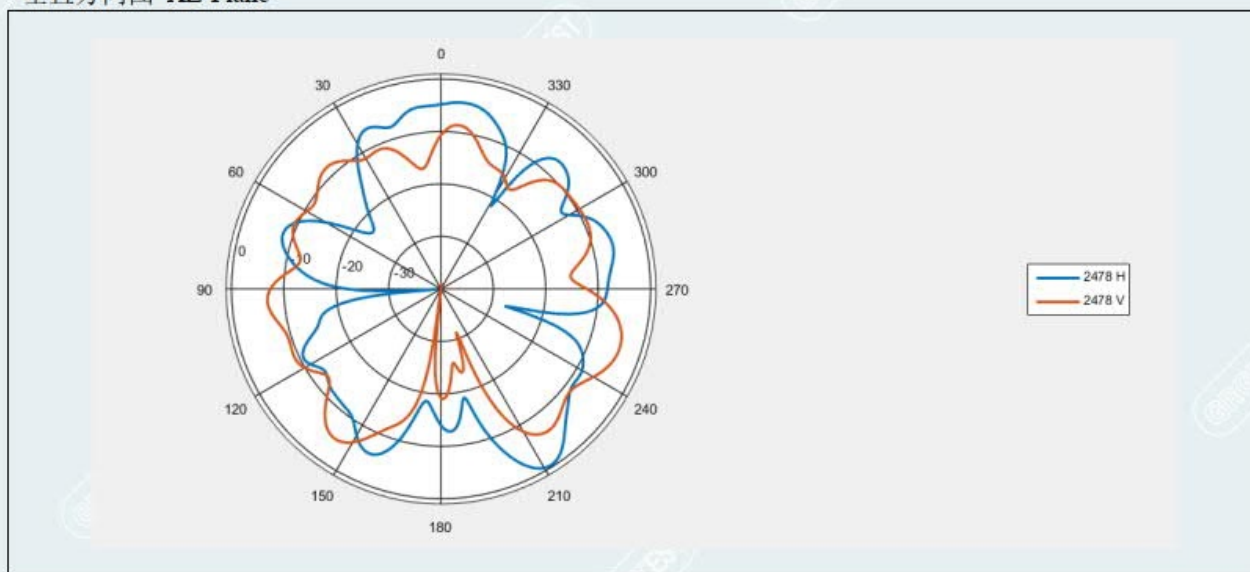
e) 2480MHz

水平方向图 XY-Plane



	Peak gain(dBi)	Avg gain(dBi)
H cut	-1.07	-5.34
V cut	2.33	-2.71
Total	2.51	-0.82

垂直方向图 XZ-Plane



	Peak gain(dBi)	Avg gain(dBi)
H cut	-0.44	-5.24
V cut	-4.09	-11.51
Total	0.44	-6.96

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