

Huizhou Zhengcheng Audio Co., Ltd.

项目：
Project: MJH-D001B

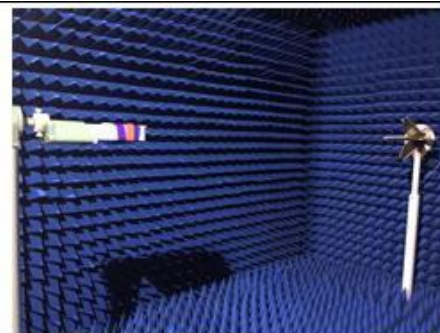
料号：
P/N: S71-8730

日期：
Date: 2024.12.07

Structure	Examine	Approver
Bin WU	Xiao Xiao Li	CHEN KAI

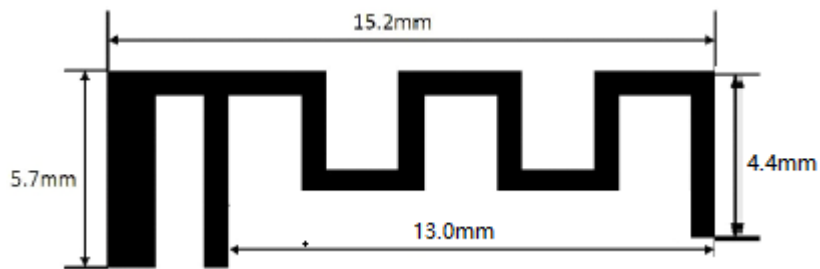
地址：
Address: Intercontinental Industrial Park, Luoyang Street, Boluo County, Huizhou City

	Test items	equipment
1. S-parameter	1. Return Loss 2. VSWR	network analyzer : Agilent E5071B HP 8753D
2. Active	1. Transmissionpower (TRP) 2. Receiving sensitivity (TIS)	1. Darkroom: ETS 7x4x3 m (3D) Chamber ETS 5x3x3 m (3D) Chamber 2.network analyzer : Agilent 8960 E5515B
3. Passive	1. Antenna gain 2. Antenna efficiency	1. DarkroomETS 7x4x3 m (3D) Chamber ETS 5x3x3 m (3D) Chamber 2. network analyzer : Agilent E5071B HP 8753D

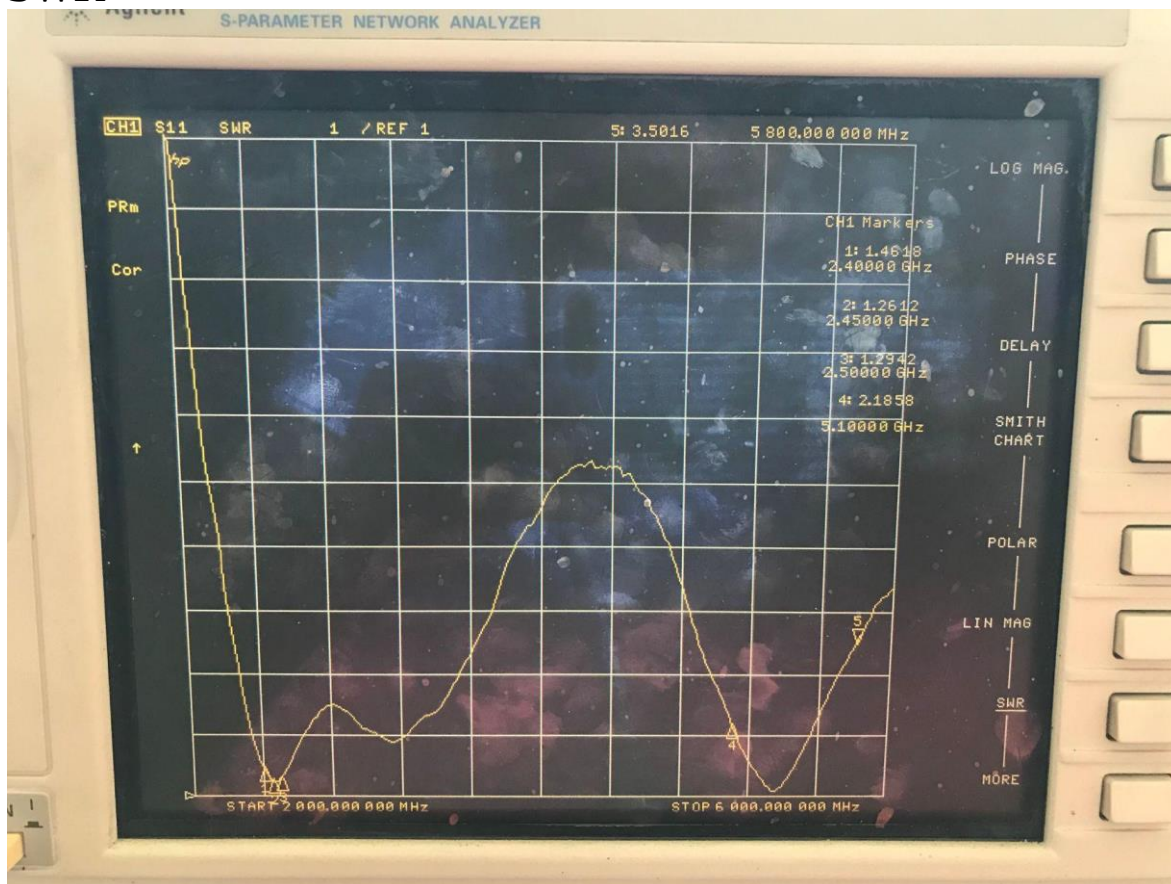


ITEM	ANT SPEC					
Model Name	2.4G ANT					
Center Frequency	Horizontal			Vertical		
	2400MHz	2400MHz	2500MHz	2400MHz	2400MHz	2500MHz
	-1.26	-0.76	-0.58	-5.25	-2.46	-1.86
MAX. Gain	-0.58dBi					
Polarization	Horizontal and Vertical					
Azimuth Beam Pattern	Omni-directional					
Impedance	50 Ohm					
Antenna Length	38.20mm					

Antenna Photo & Length (mm)



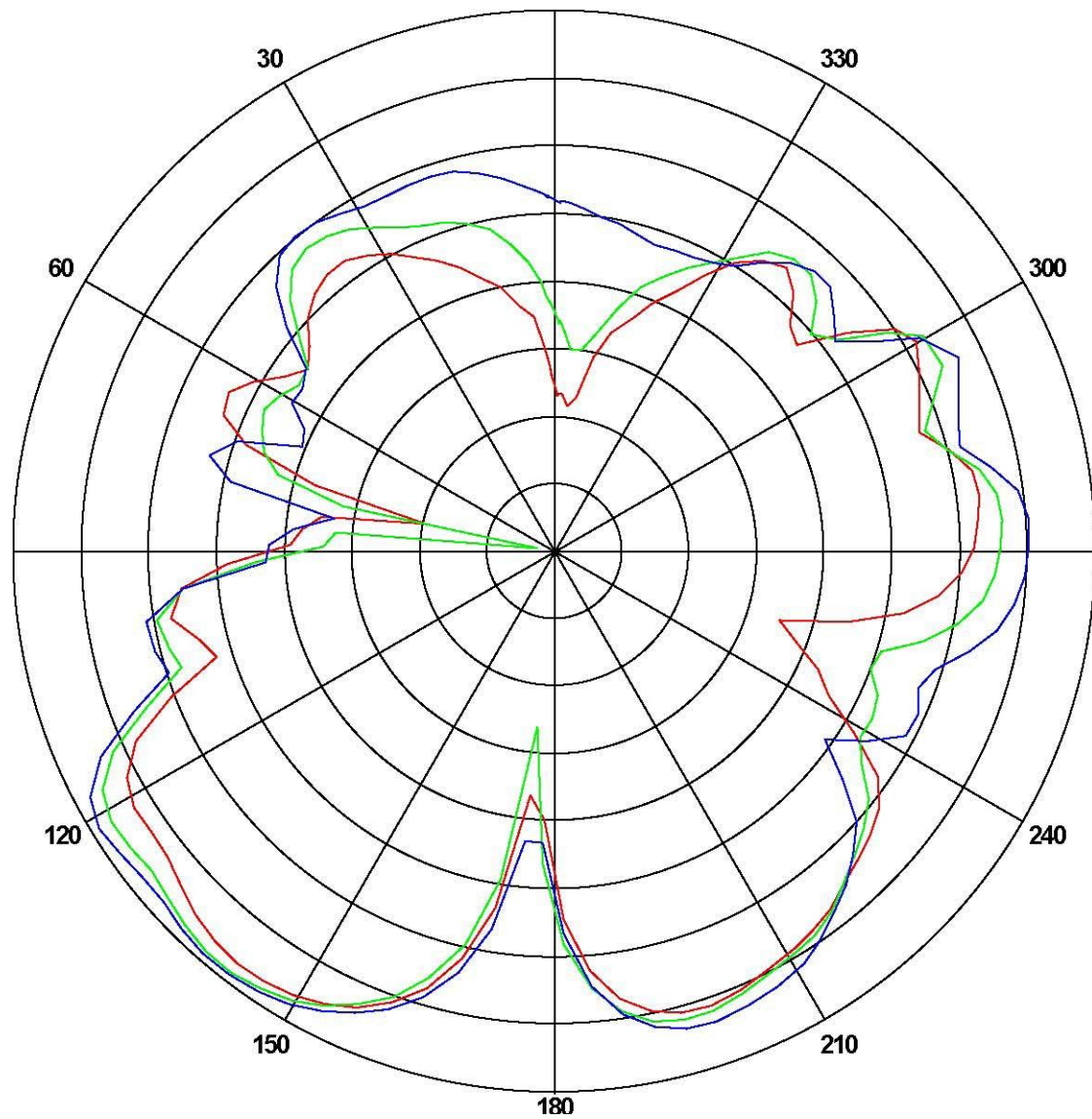
SWR



Horizontal: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

Max: 0 Min: -40 Scale: 5/div

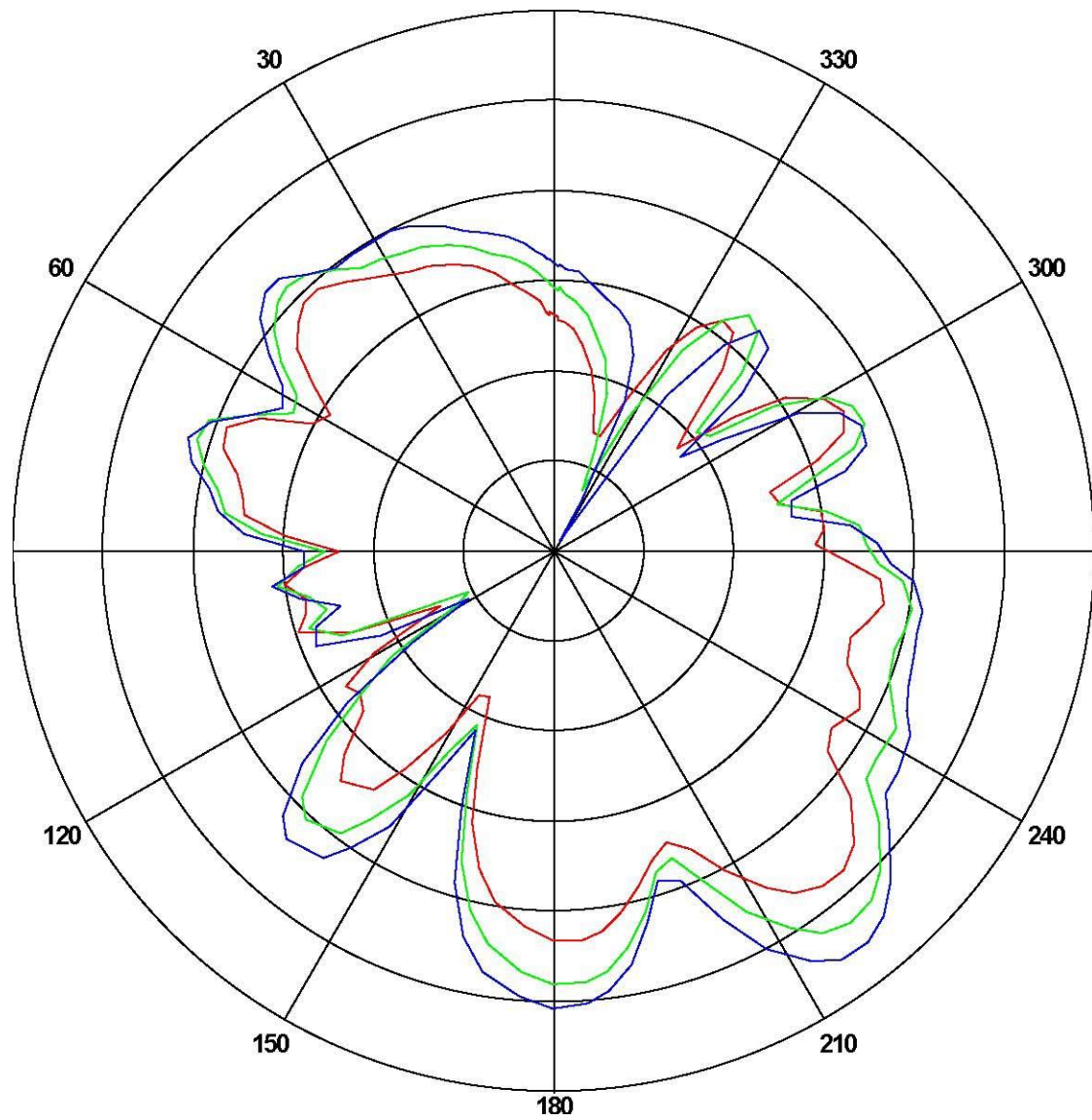


Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
2400	-1.26174	-30.0801	-7.18716
2450	-0.764802	-36.5604	-7.48023
2500	-0.583582	-22.0315	-6.59127

Vertical: 2400 MHz 2450 MHz 2500 MHz

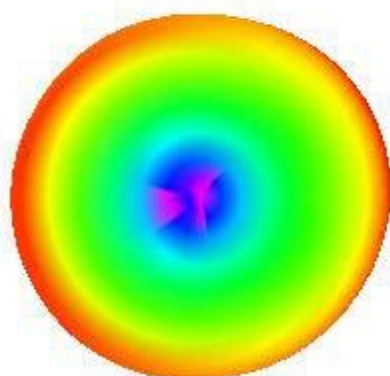
Power (dBm)

Max: 0 Min: -30 Scale: 5/div

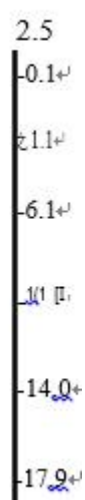
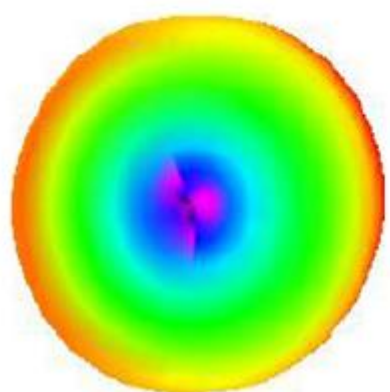


Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
2400	-5.2537	-22.1424	-12.4294
2450	-2.4652	-24.5837	-10.4702
2500	-1.86120	-29.5214	-9.20432

2400.000MHz



2450.000MHz



2500.000MHz

