

Dongguan Mingliang Electronic Technology Co., LTD

No. 34, Ludong avenue, Humen Town, Dongguan City, Guangdong
Province China

RF Antenna test Report(462.7125MHz)

Index:

1. Antenna Profile

2. Antenna Performance Test

3. Test site

4. Antenna lobe diagram

1. Antenna Profile

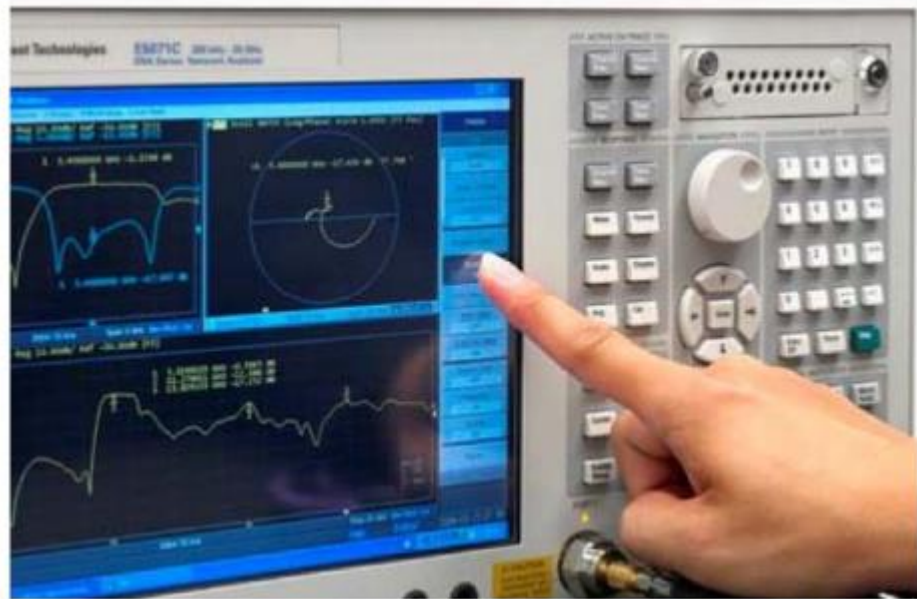
Mechanical size:



2. Antenna Performance Test

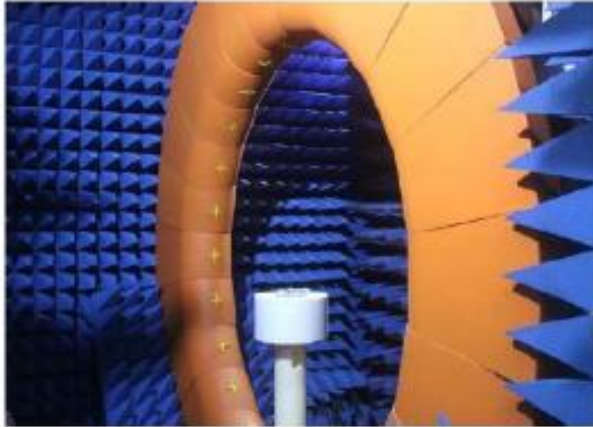
Frequency: 446M/462M/467M standing wave SWR

Agilent
E5071B



3. Test site

Test equipment

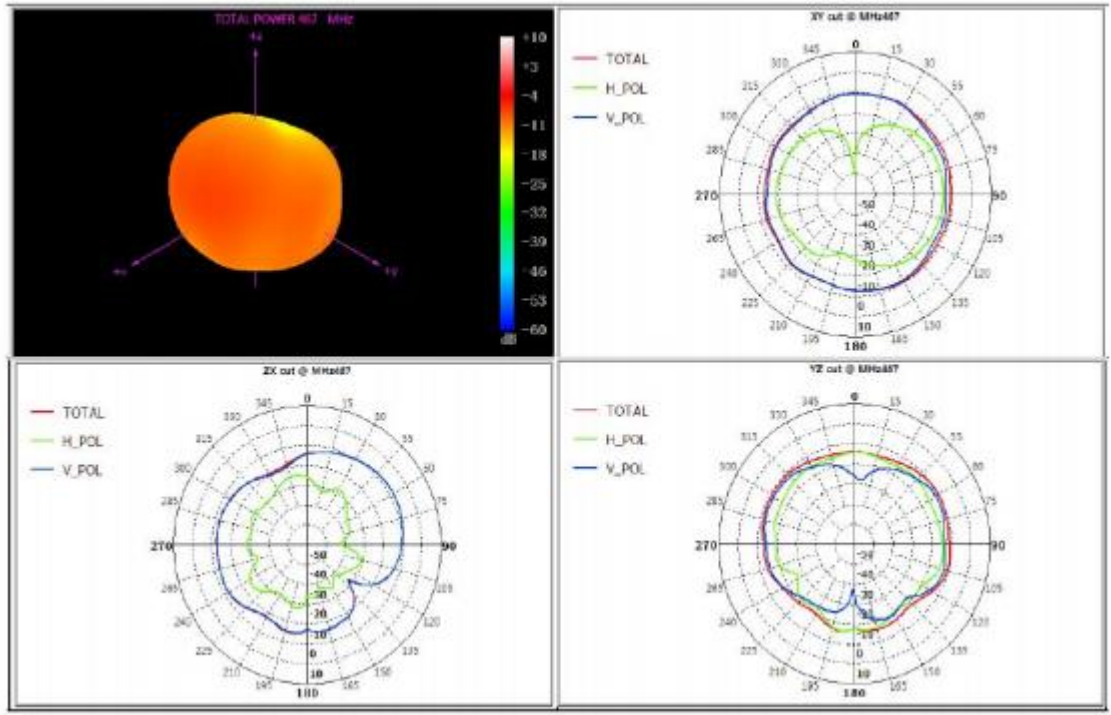


Probe microwave anechoic chamber

- Frequency Range : 0.4GHz-6GHz

Main test indicators

- ◆ Passive indicators
 - ◆ Gain
 - ◆ effectiveness
 - ◆ 3D pattern
- Active indicator
 - TRP total radiated power
 - TIS total receiving sensitivity



Passive Test			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
446	61	-3.5	-1.86
462	60	-3.3	-1.70
467	61	-3.6	-2.05

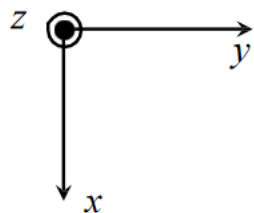
Input impedance: 50Ω

Interface type: directly welded

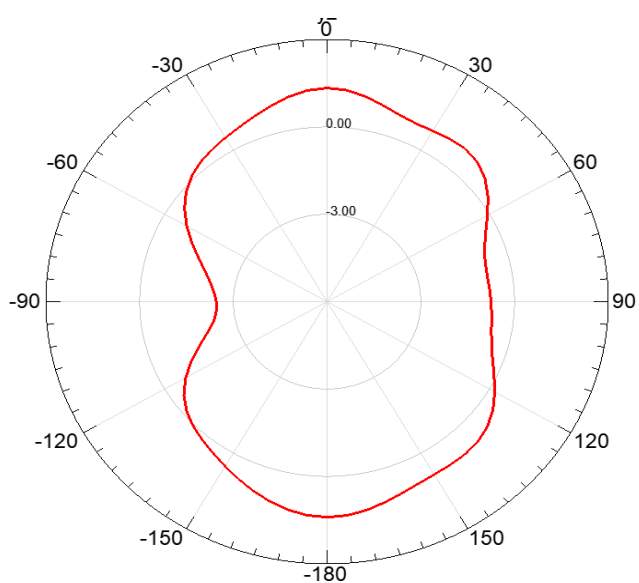
Antenna color: Silver

Radiation Pattern

coordinates :



Y-Z Plane



X-Z Plane

