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Province China

RF Antenna test Report(462.5625MHz)

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1. Antenna Profile

Device



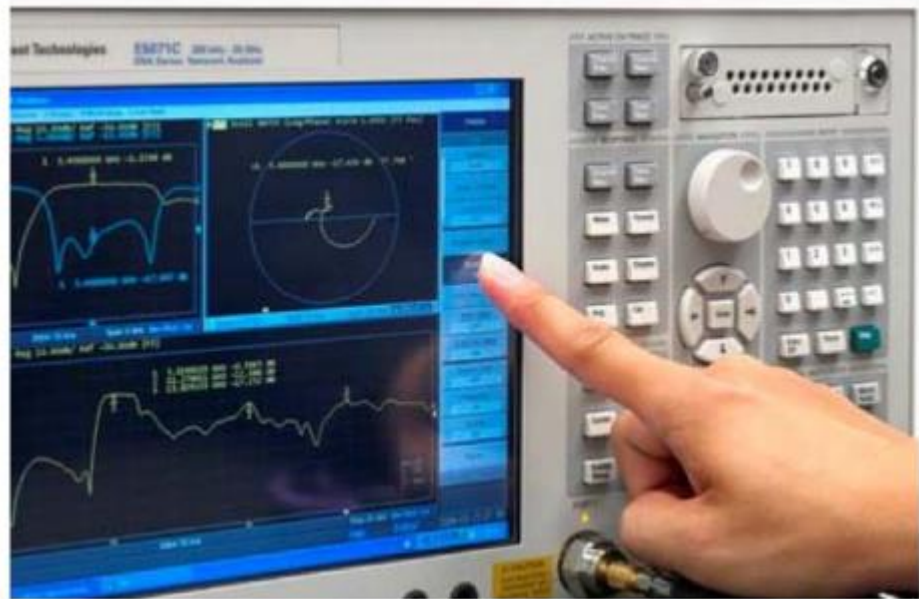
Mechanical size:



2. Antenna Performance Test

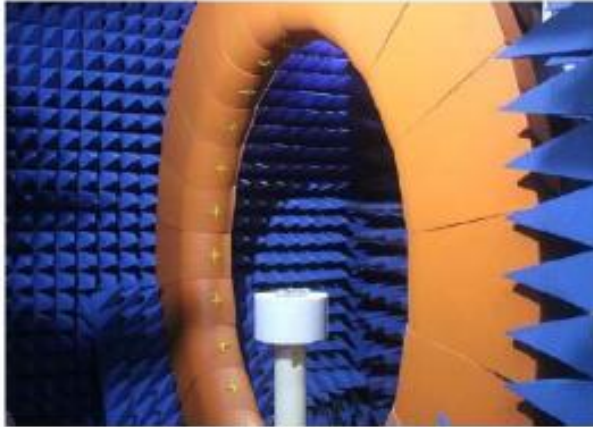
Frequency: 446M/462M/467M standing wave SWR

Agilent
E5071B



3. Antenna Passive Test

Test equipment



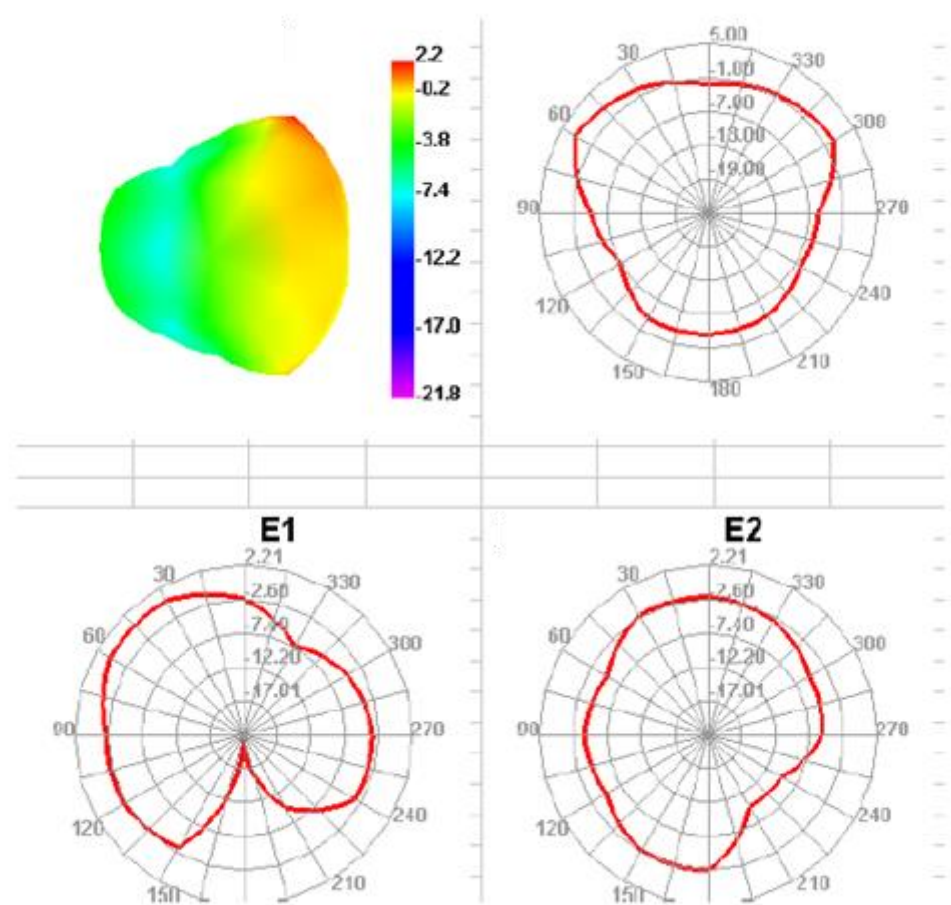
Probe microwave anechoic chamber

- Frequency Range : 0.4GHz-6GHz

Main test indicators

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

Antenna lobe diagram

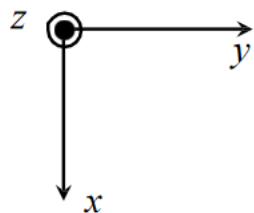


Passive Test For 462.5625MHz			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
462.5625	60	-3.3	1.2

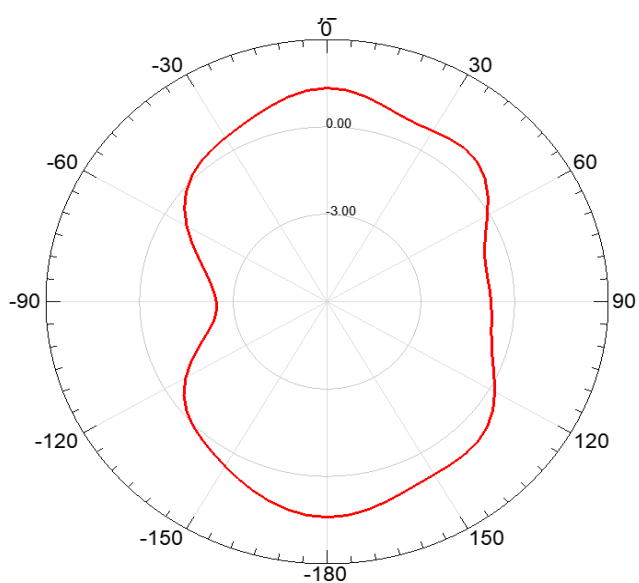
Input impedance:50Ω
Interface type: directly welded
Antenna color: Silver

Radiation Pattern

coordinates :



Y-Z Plane



X-Z Plane

