

TF462-A1

462M **Spring antenna specification****1. Product description**

TF462-A1 Spring antenna is a special antenna designed for 462M wireless communication system. The antenna has good standing wave ratio performance, compact size, ingenious structure, convenient installation and stable performance. With good anti vibration and aging ability.

2. Performance parameter**Antenna gain and efficiency**

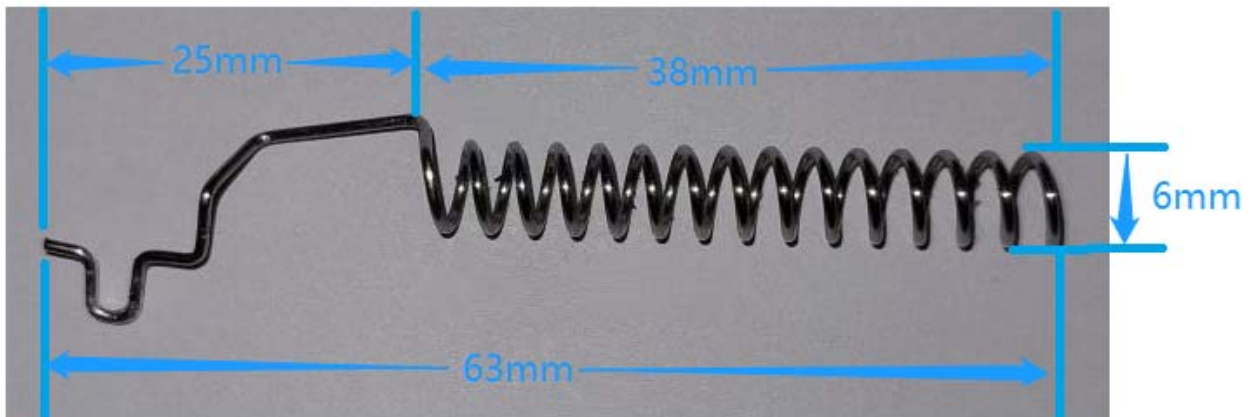
Freq(MHz)	Efficiency (%)	Gian(dBi)
446 MHz	3.57	-11.87
462 MHz	4.47	-10.18
467 MHz	5.73	-9.63

Input impedance:50Ω

Interface type: directly welded

Antenna color: Silver

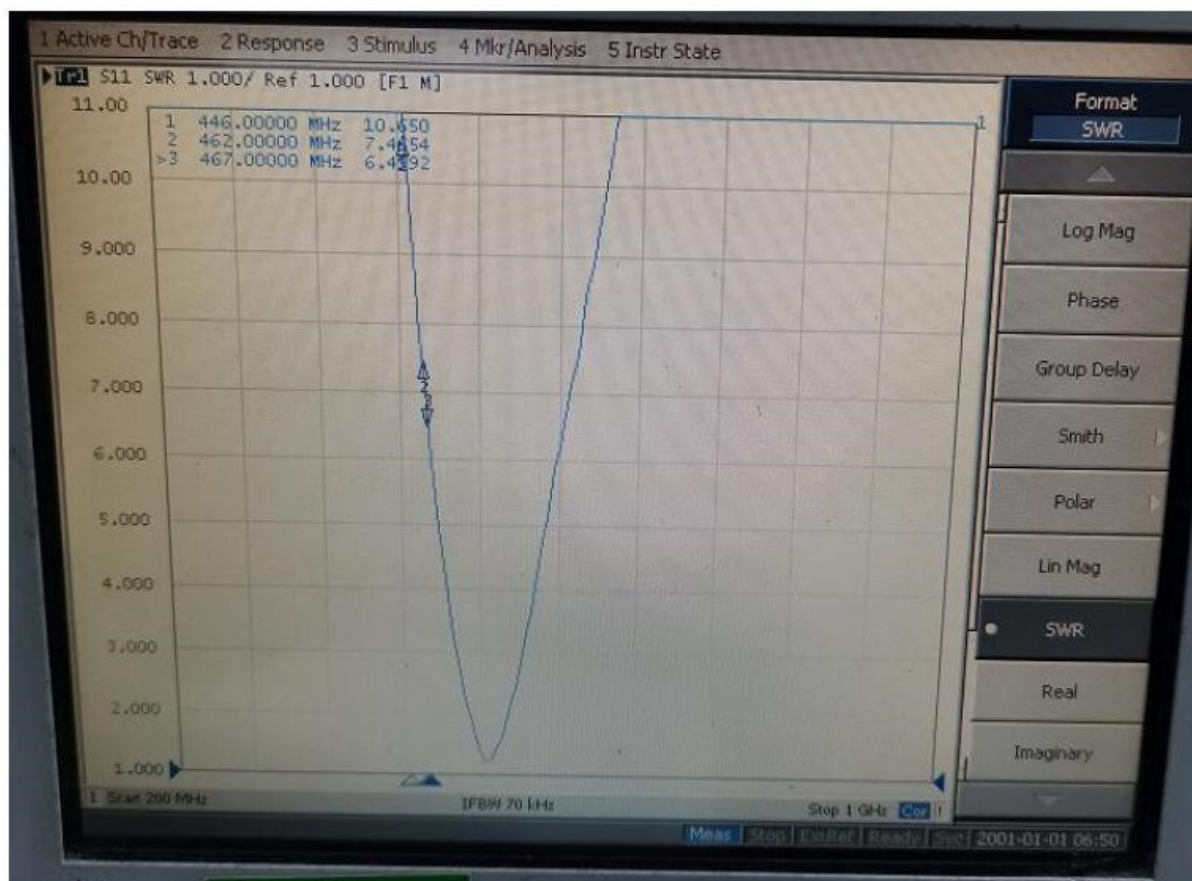
3. Mechanical size:



4. Standing poppy diagram

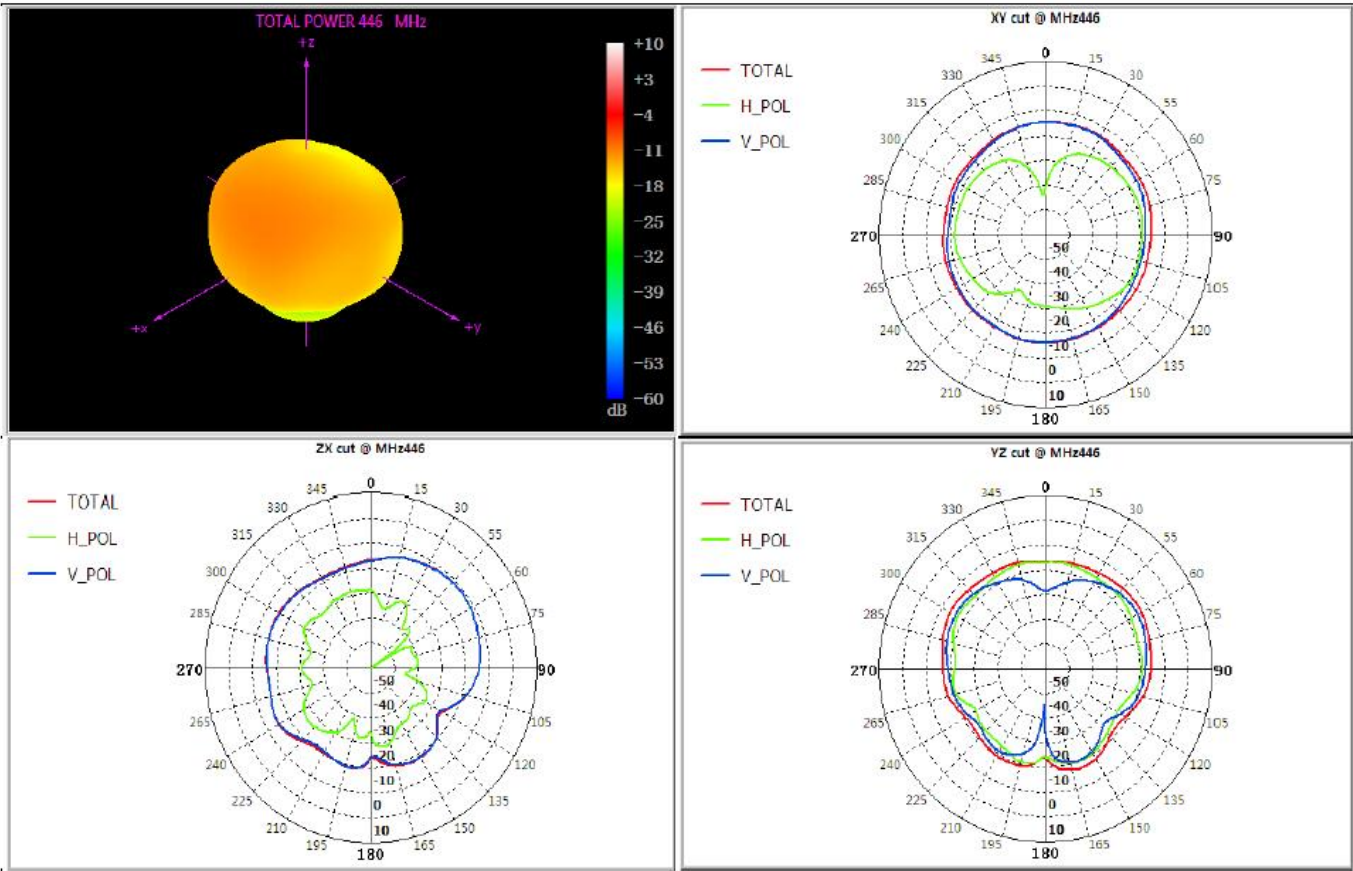
Frequency: 446M/462M/467M standing wave SWR

Antenna SWR

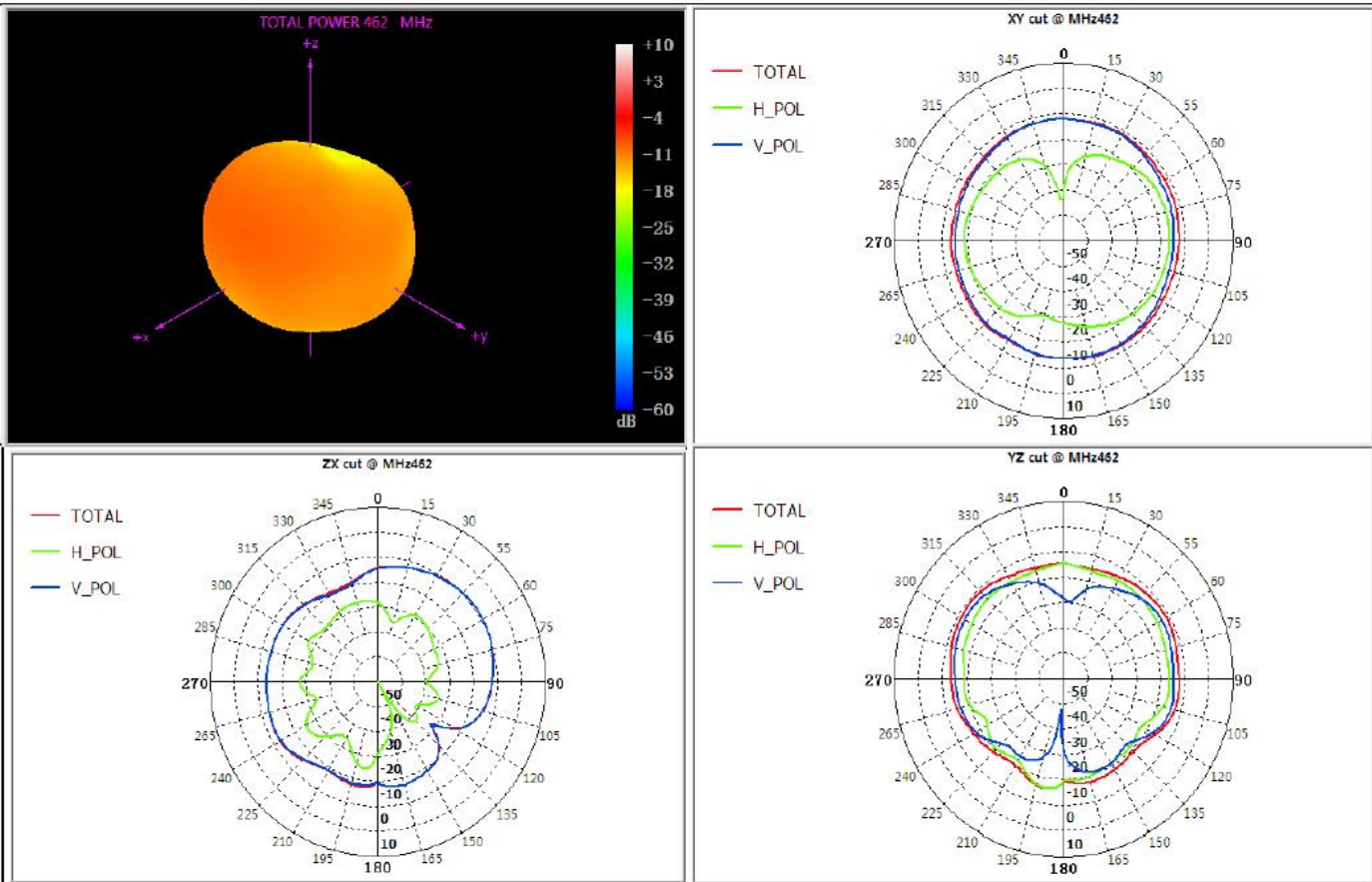


5. Antenna lobe diagram

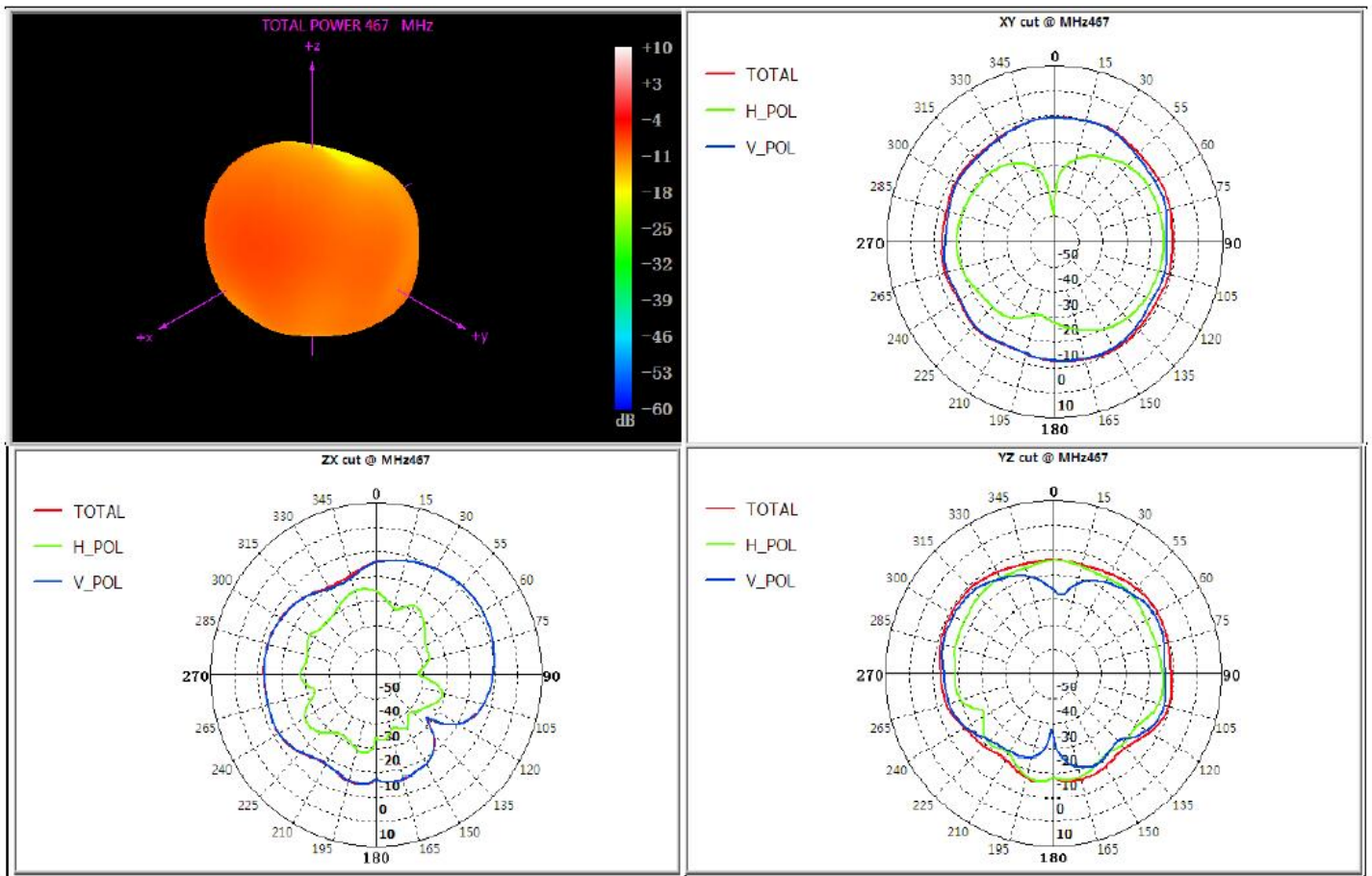
Antenna Radiation Pattern



Antenna Radiation Pattern

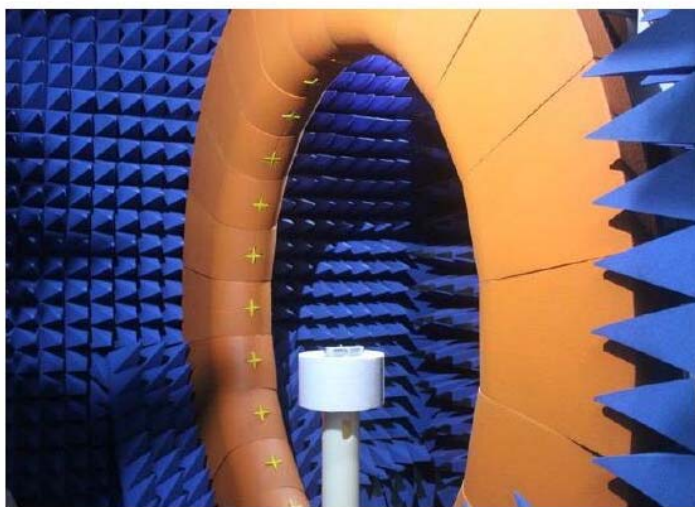


Antenna Radiation Pattern



6. 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