

Antenna data sheet

Antenna name : Antenna TS640

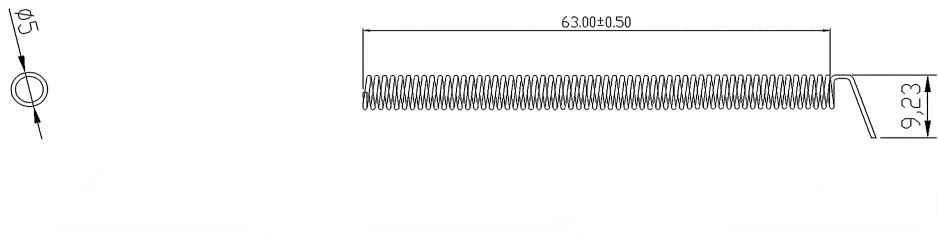
Antenna type : spring antenna

Peak Gian: 0.67dBi

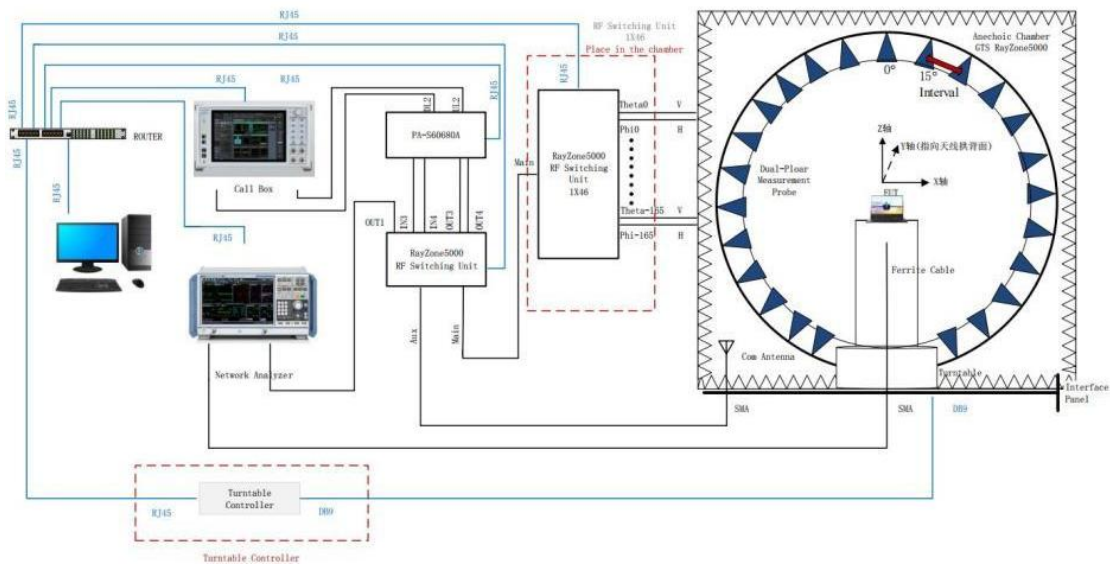
Manufacturer : He Fangyuan Hardware Factory

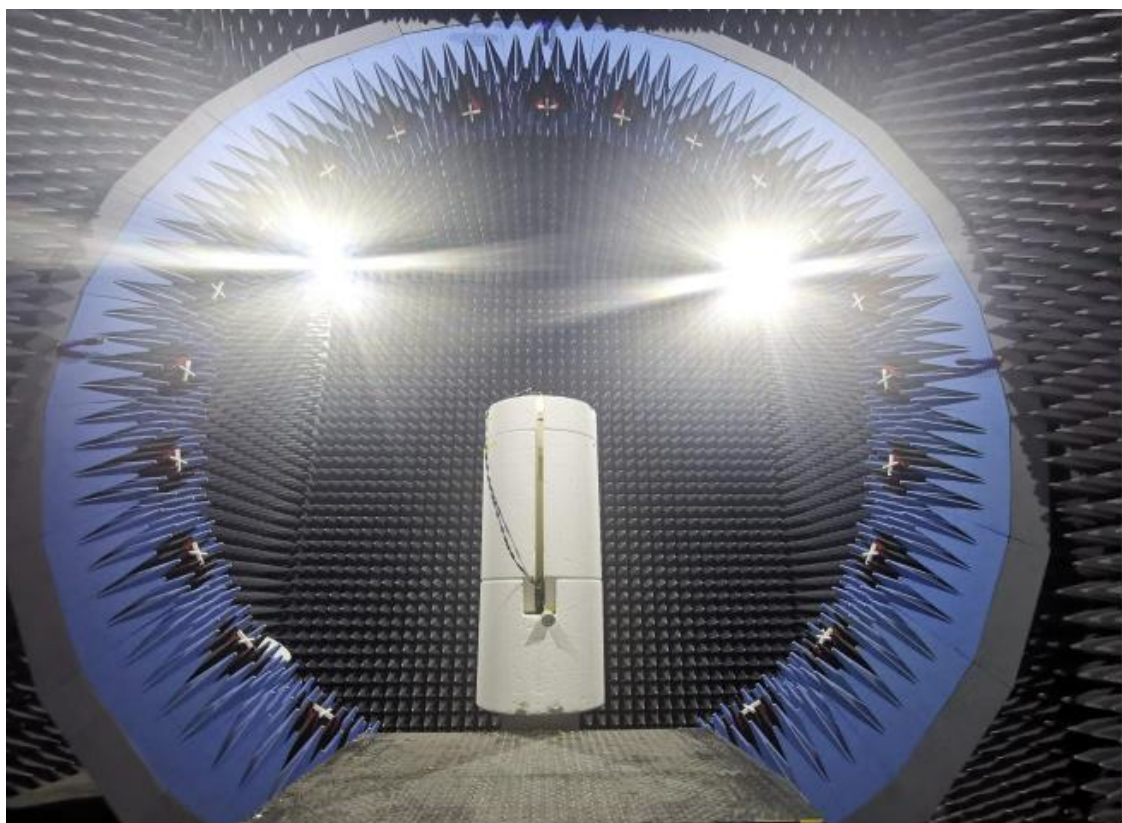
Add : 1st Floor, Building 8, Huafeng Luotian Technology Park, No. 54 Guangtian Road,
Luotian Community, Yanluo Street, Bao'an District, Shenzhen City

1.Antenna Dimension



Test setup



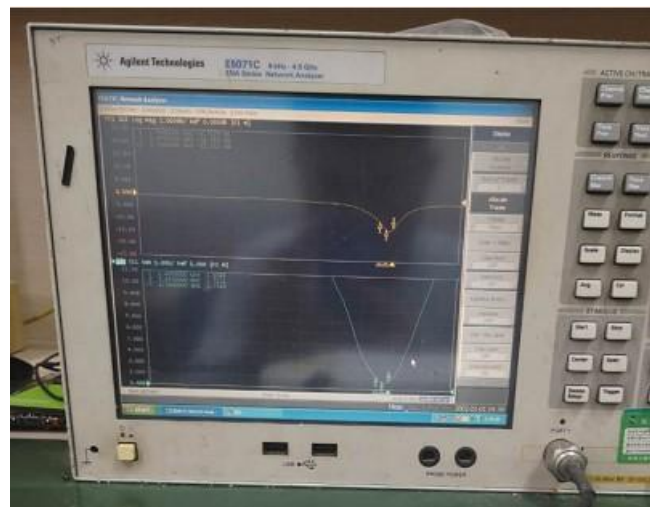


2. Performance parameter

Frequency range	425.1MHz-445.1MHz
VSWR	≤ 7.0
Input impedance	50 Ω
Peak Gain(dBi)	0.67
Antenna type	Spring antenna
Temperature	-40~80

3. VSWR Test Data

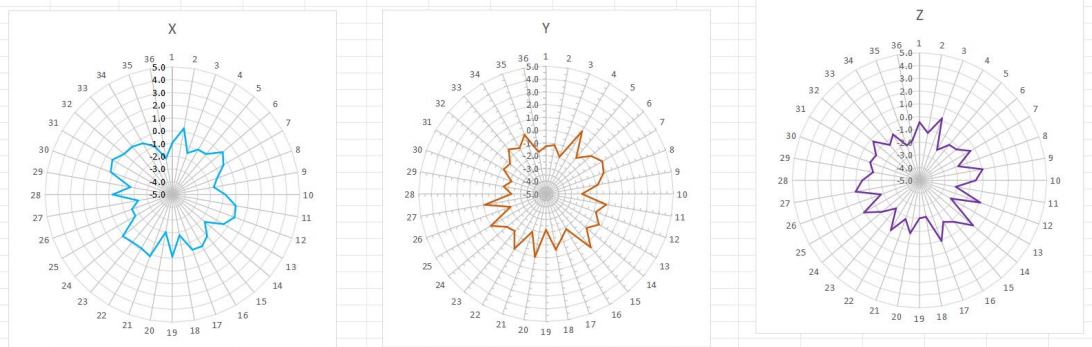
Frequency(MHz)	Return Loss	VSWR
425.1	-8.17	1.16
435.1	-10.79	2.15
445.1	-10.31	2.75



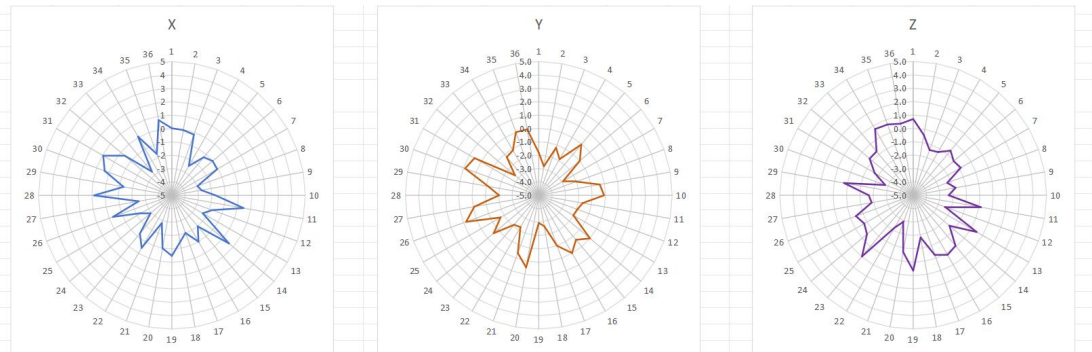
4. Gain and Effi

Frequency(MHz)	Effi	Peak Gain
425.1	1.46	0.67
435.1	1.58	0.31
445.1	1.27	0.18

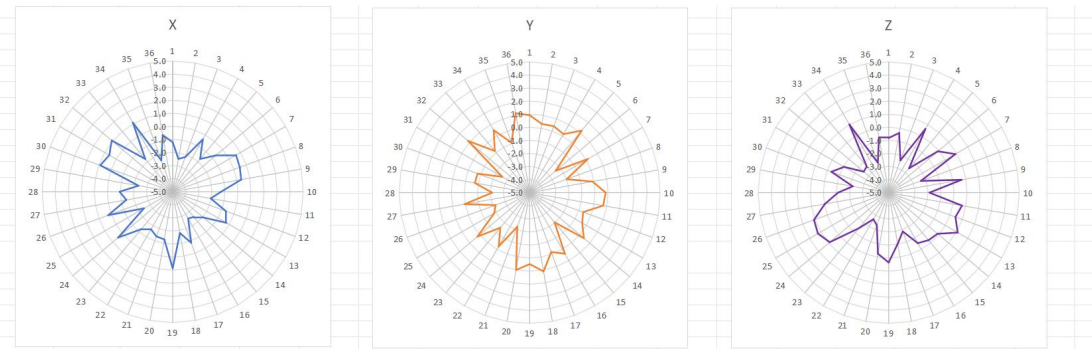
5. Test Directional diagram



425.1MHz



435.1MHz



445.1MHz