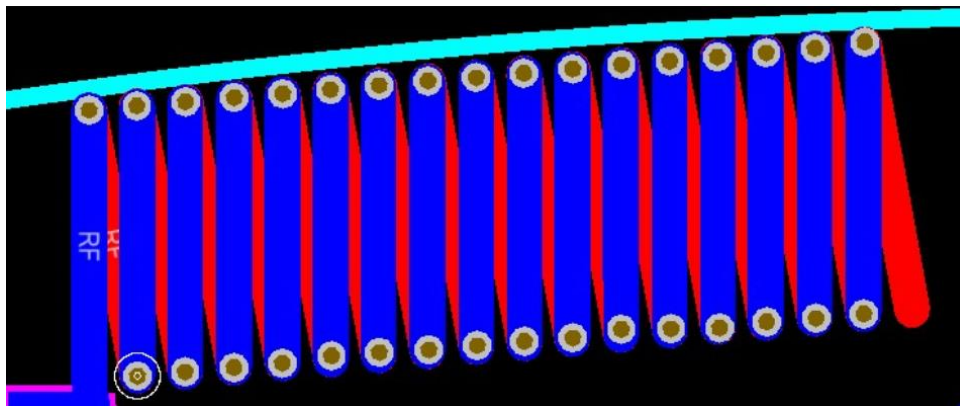


specification

applicant	LCHSTAR ELECTRONICS CO. LTD	type	Antenna module on the system board
project name	433 PCB Antenna	versions	01
number	83040010078	Color	Black
DATE	2023/10/12		

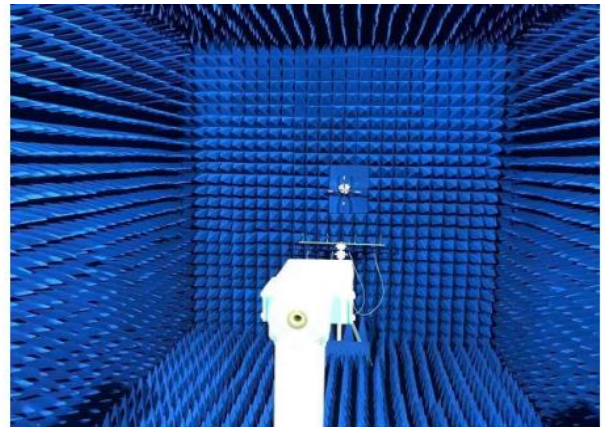
frequency domain	433MHz±20Mhz
characteristic impedance	50 Ω
standing-wave ratio (SWR)	≤ 2.0
polarization	circular polarization
gain	1dBi
storage temperature	-40℃~+85℃
operating temperature	-40℃~+85℃

Antenna Layout & module on the system board



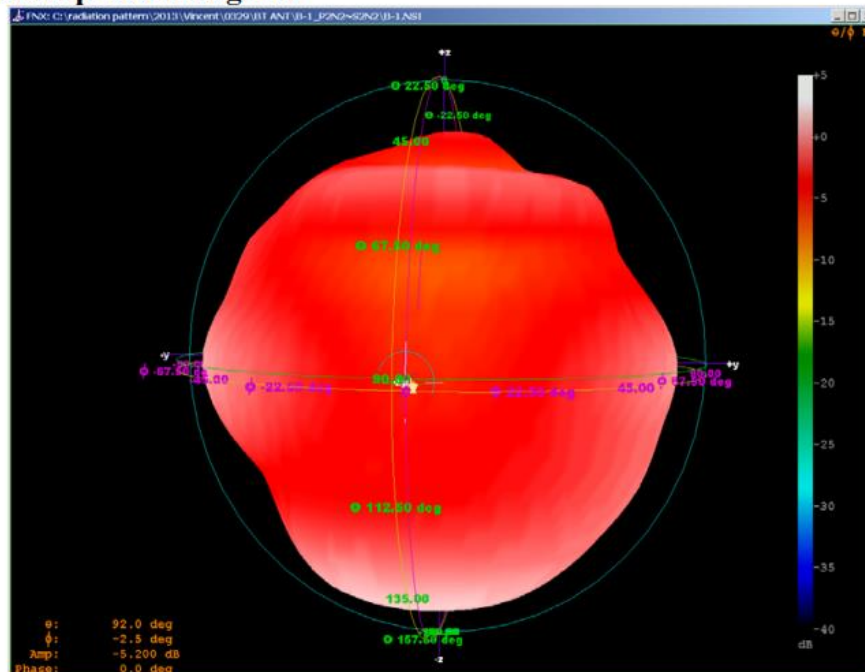
Laboratory test environment and equipment

test item	testing equipment
S11、S12 、 VSWR 、 LOSS	network analyzer 8753E
Efficiency 、 Gain 3D Radiation Pattern	ETS 3Ddarkroom、 8753E
TRP、 TIS	ETS 3Ddarkroom、 CMW500



product drawing

3D radiation pattern diagram



An overview,

This product is suitable for our remote control transmitting and receiving modules: far - T1 / T2 / T2L, far - R1 / R3, micro - R1 / R2, etc, is characterized by low cost, distance, easy installation

Second, the parameters

The antenna material: copper

Frequency range: 433 MHZ, plus or minus 20 MHZ

Standing wave ratio: 1.3 impedance: 50 Ω

Antenna length: 17 cm

The antenna polarization: vertical polarization

URL:<http://www.fengniaorf.com/>

TEL:(0755)23227946??FAX:(0755)223227946-8005

Specifications

version number	Revision date	revised contents	Revised	发行日期 date of issue
A	2022. 10. 10	new increase	Linda	2022. 10. 10
B	2022. 10. 20	revised Specification Format	Joe	2022. 10. 20
C				

product description

1.1

This product is soft Teflon insulation series coaxial cable.Is suitable for the microwave equipment, wireless communication systems and equipment.

1.2

Product features : Excellent flexi-ability, good V.S.W.R, good shielding performance.

Cable with data and structure diagram:

1.3 :

structu
re
diagram

