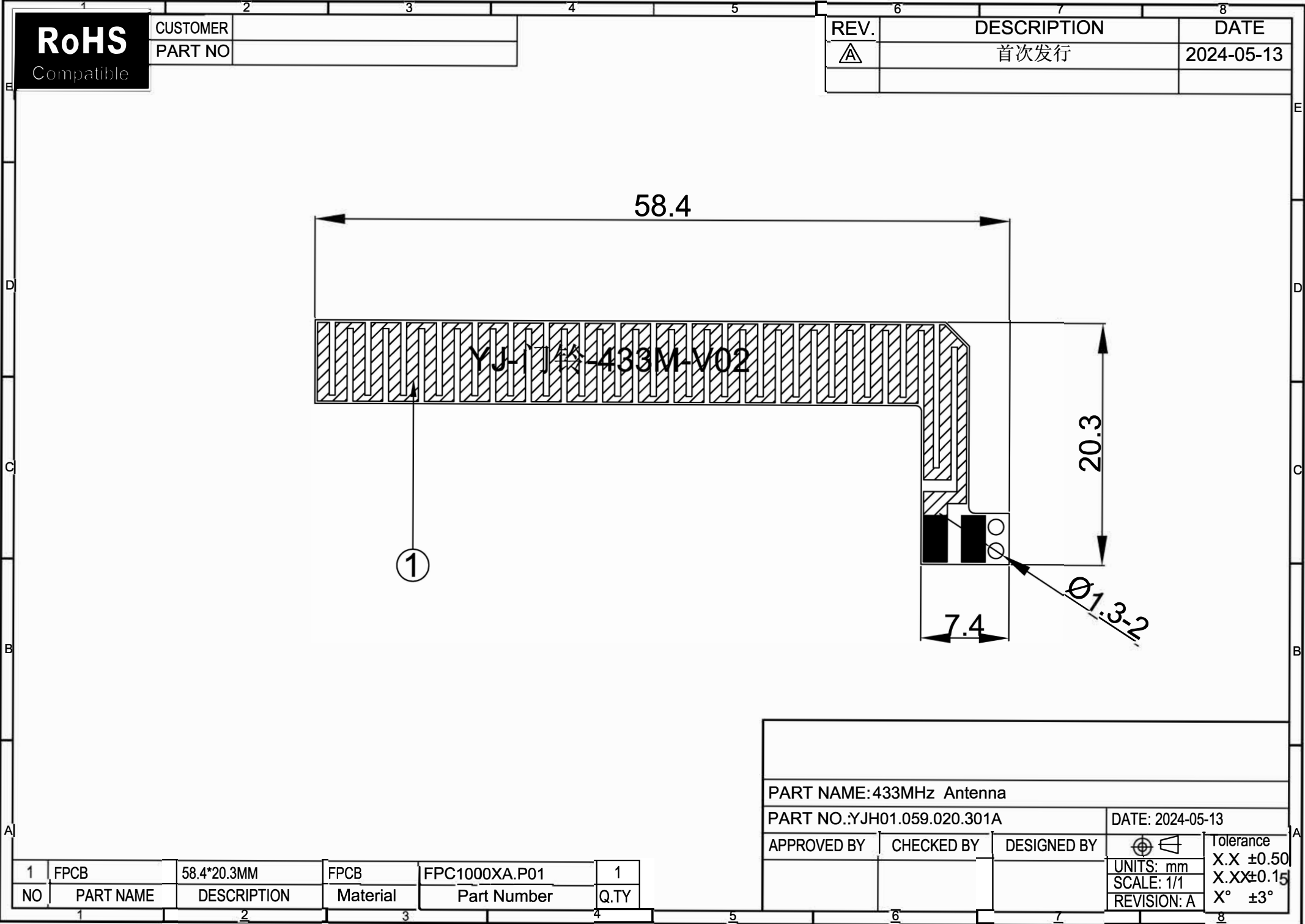




RoHS
Compatible

CUSTOMER	
PART NO	

REV.	DESCRIPTION	DATE
	首次发行	2024-05-13

1	FPCB	58.4*20.3MM	FPCB	FPC1000XA.P01	1
NO	PART NAME	DESCRIPTION	Material	Part Number	Q.TY

PART NAME: 433MHz Antenna			
PART NO.: YJH01.059.020.301A			DATE: 2024-05-13
APPROVED BY	CHECKED BY	DESIGNED BY	 UNITS: mm SCALE: 1/1 REVISION: A
			Tolerance X.X ±0.50 X.XX±0.15 X° ±3°

天线规格

Antenna Specification

Electrical Properties

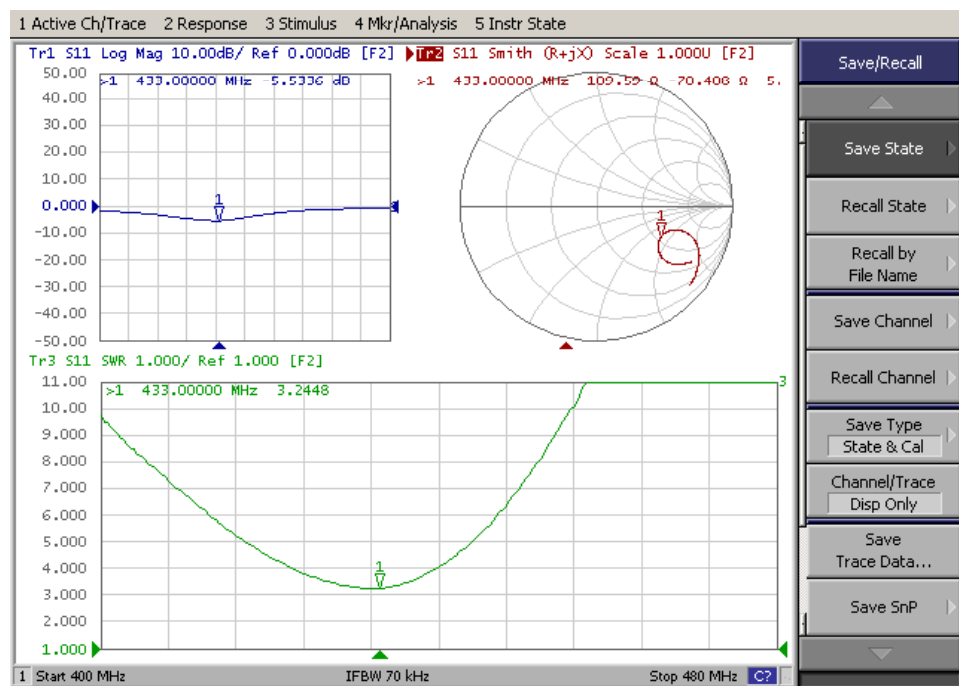
Frequency	433MHz
Impedance	50 Ohm Nominal
V.S.W.R	3.5 Max
Gain	-3.6 dBi
Radiation	Omni-directional
Polarization	Linear

Physical Properties

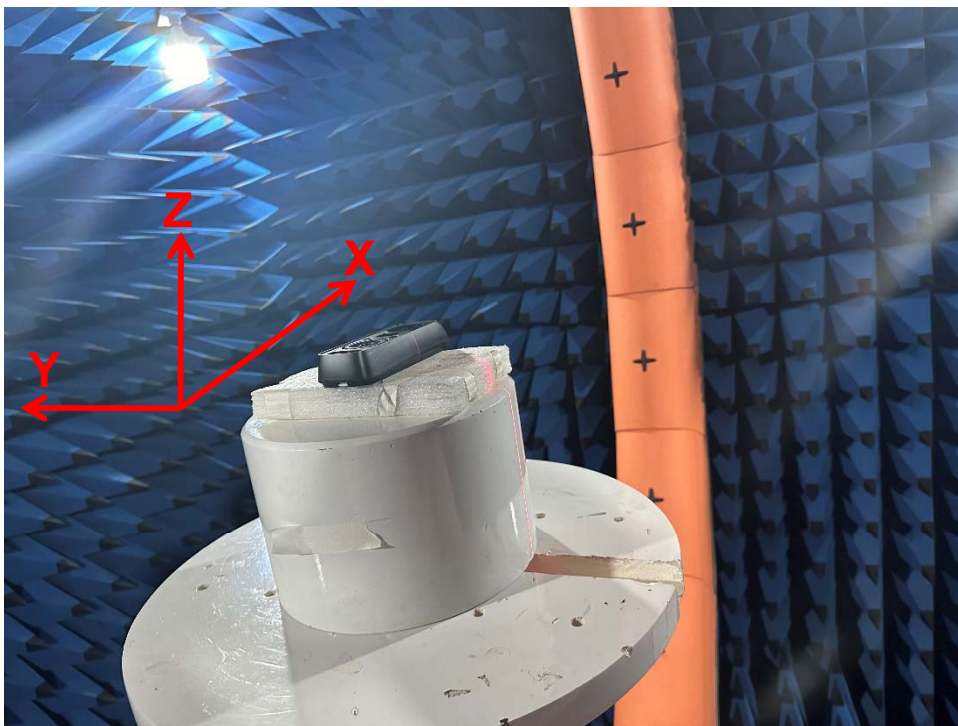
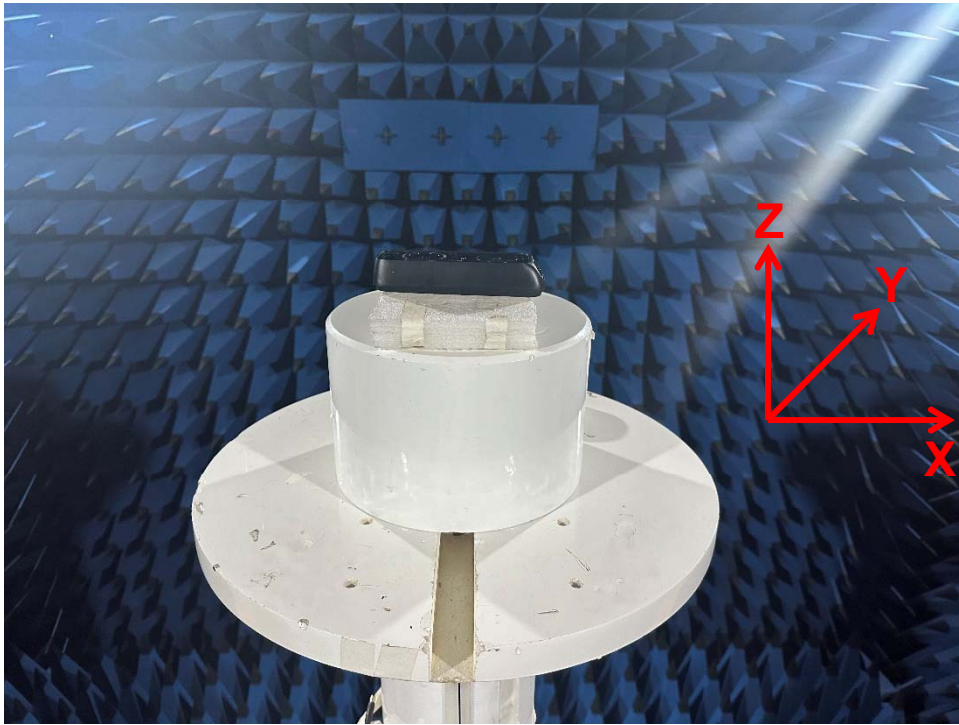
Connector	None
Cable Type	None
Cable Length	None
Cable Color	None
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	-20 ~ +70°C / <70%

Antenna Performance Test

**Agilent
E5071B
S11
Parameter
Test //
433MHz
Antenna**



Antenna Passive Test



Passive Test For 433MHz Antenna

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
430	8.4	-10.8	-5.4
431	8.5	-10.7	-4.8
432	10.5	-9.8	-4.1
433	12.6	-9.0	-3.7
434	13.6	-8.7	-3.6
435	11.6	-9.3	-4.0
436	10.7	-9.7	-4.6
437	9.8	-10.1	-5.0
438	9.1	-10.4	-5.5
439	9.5	-10.2	-5.3
440	8.8	-10.6	-5.4