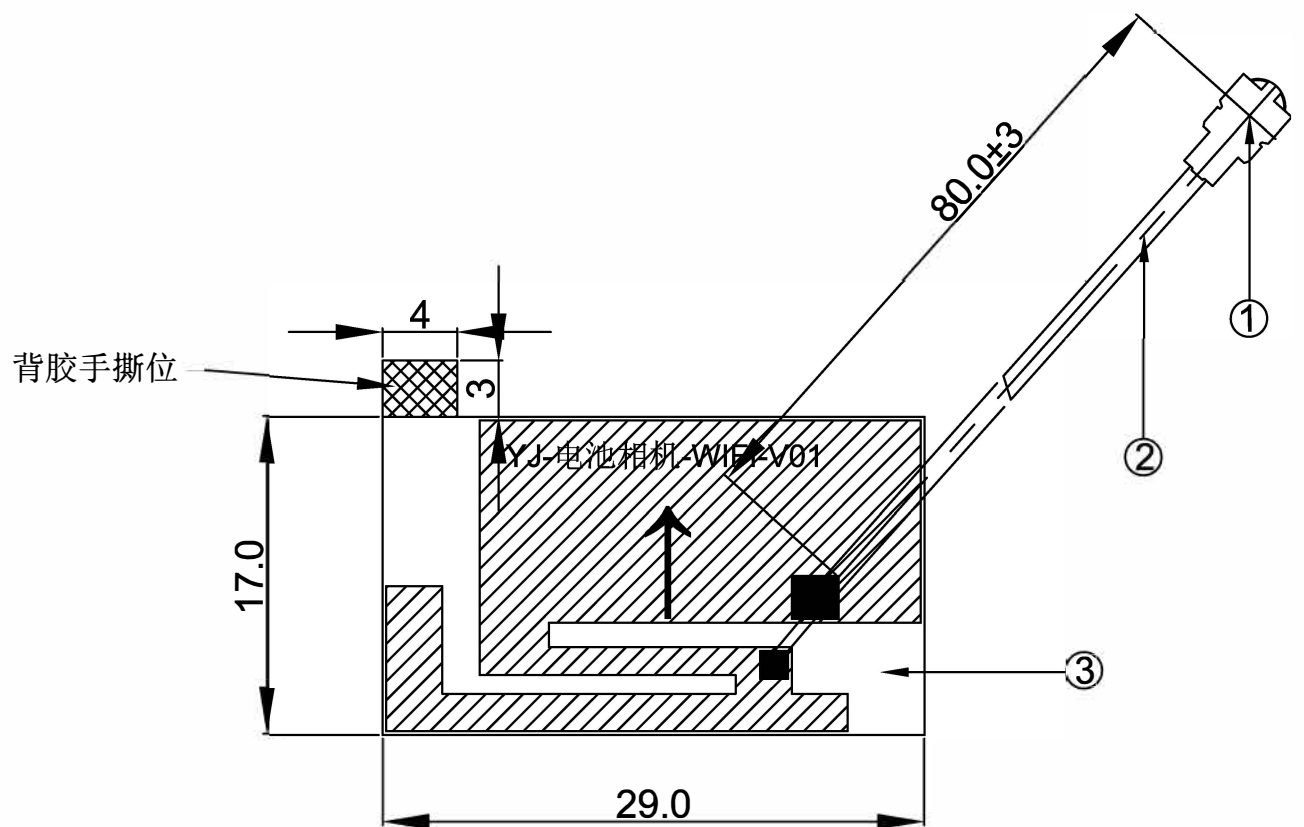


CUSTOMER	
PART NO	

REV.	DESCRIPTION	DATE
△	首次发行	2024-02-21



3	FPCB	29.0*17.0MM	FPCB	FPC1000XA.P01	1
2	Coaxial Cable	O.D.1.13 Black	O.D.1.13	COA1000XA.P01	1
1	Mini Connector	Au Plated 1代	Cu	TER1000XA.P01	1
NO	PART NAME	DESCRIPTION	Material	Part Number	Q.TY

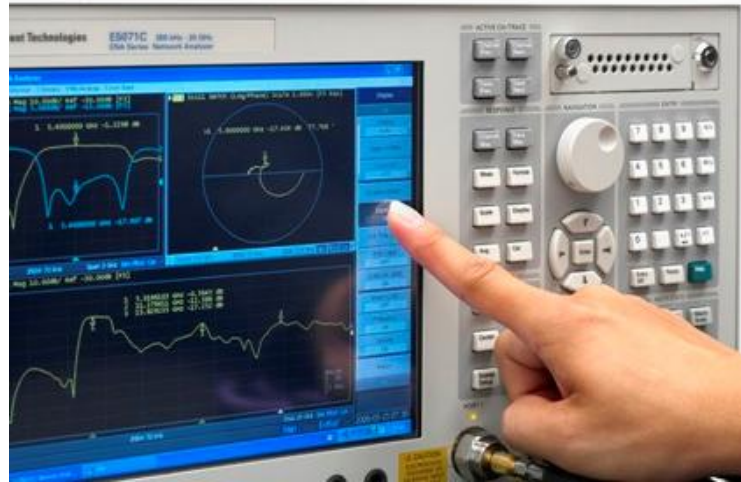
DATE: 2024-02-21	
⊕	Tolerance
UNITS: mm	X.X ±0.50
SCALE: 1/1	X.XX ±0.15
REVISION: A	X° ±3°

天线规格

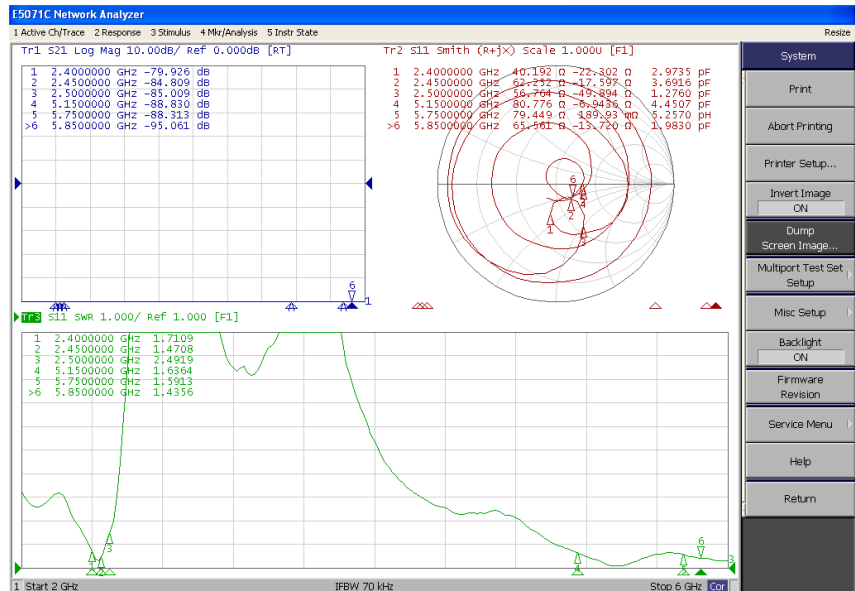
Antenna Specification

Electrical Properties	
Frequency	2.4-2.5GHz 5.15-5.85GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.5 Max@2.4-2.5GHz 2.0 Max@5.15-5.85GHz
Gain	2.7 dBi@2.4-2.5GHz 2.9 dBi@5.15-5.85GHz
Radiation	Omni-directional
Polarization	Linear
Physical Properties	
Connector	1代IPEX
Cable Type	O.D.1.13mm
Cable Length	80mm
Cable Color	Black
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	-20 ~ +70°C / <70%

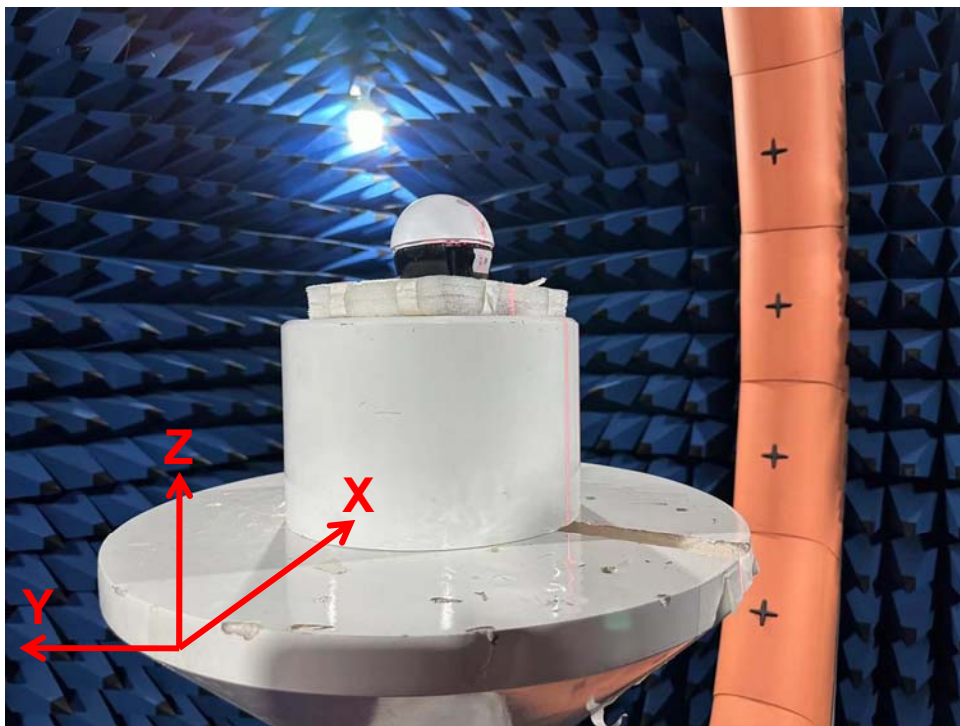
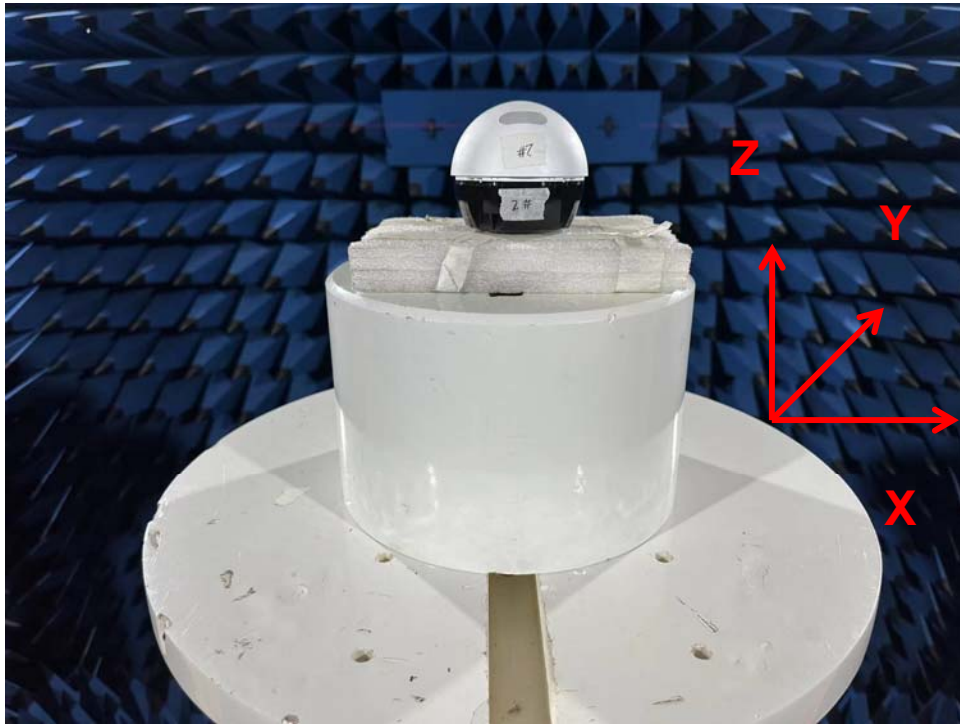
Agilent E5071B



S11 Parameter Test // WIFI Antenna



Antenna Passive Test



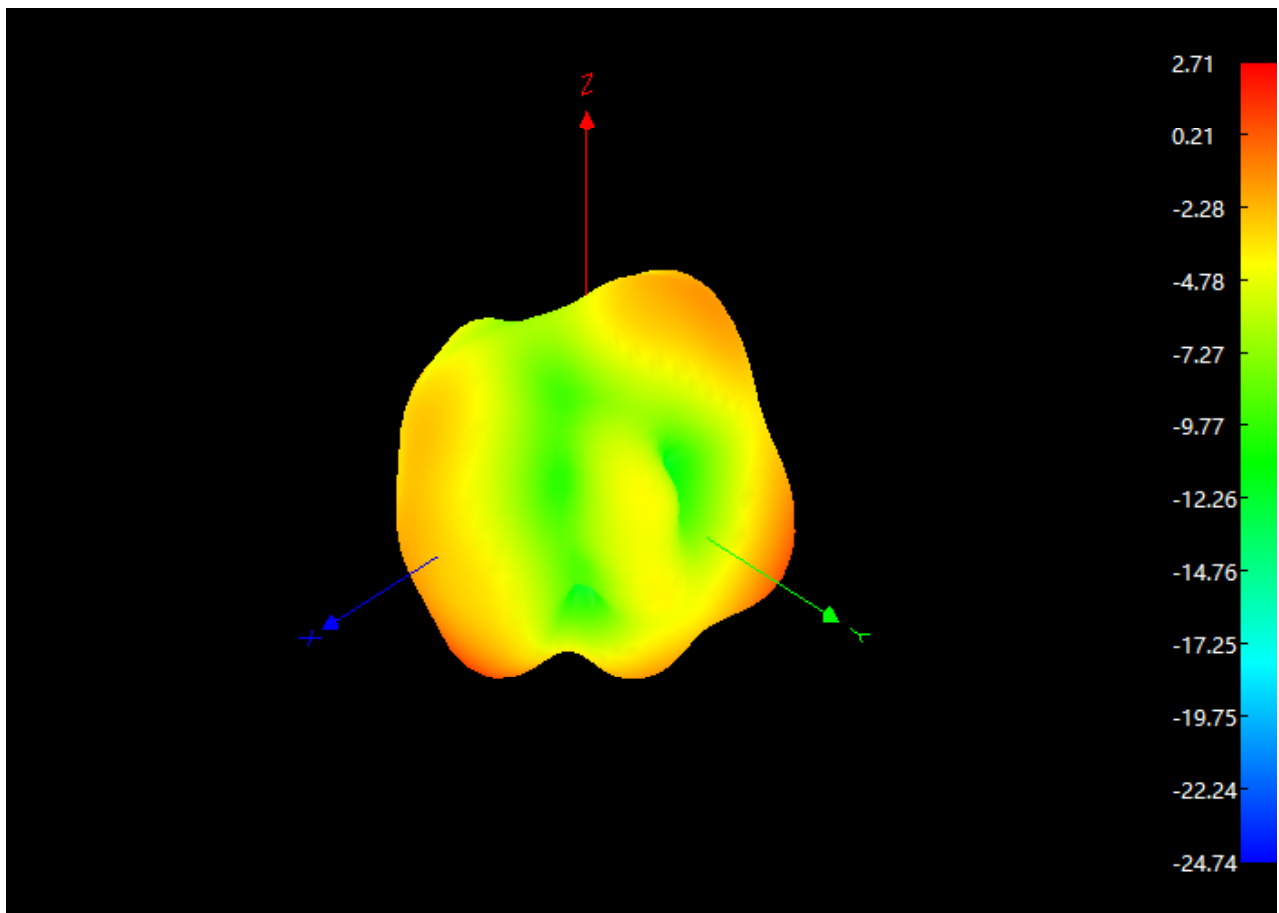
Passive Test For WIFI Antenna

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	45.2	-3.4	1.7
2410	46.1	-3.4	1.7
2420	46.9	-3.3	1.8
2430	49.0	-3.1	2.1
2440	48.1	-3.2	2.5
2450	48.6	-3.1	2.7
2460	47.5	-3.2	2.2
2470	46.6	-3.3	2.6
2480	43.3	-3.6	2.5
2490	42.9	-3.7	2.0
2500	42.7	-3.7	1.9

Passive Test For WIFI Antenna

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
5150	39.6	-4.0	2.7
5200	39.8	-4.0	2.7
5250	35.7	-4.5	2.9
5300	36.8	-4.3	2.6
5350	39.4	-4.0	2.7
5400	35.8	-4.5	2.3
5450	42.3	-3.7	1.7
5500	35.5	-4.5	2.3
5550	39.2	-4.1	2.7
5600	42.3	-3.7	2.7
5650	41.1	-3.9	1.8
5700	37.1	-4.3	2.2
5750	35.5	-4.5	2.5
5800	40.4	-3.9	2.6
5850	38.3	-4.2	2.2

Radiation Pattern For WIFI Antenna(2450MHz)



Radiation Pattern For WIFI Antenna(5500MHz)

