

2JZ74

2.4/5.0/6.0 GHz ISM MIMO Adhesive Mount Rigid Fiberglass Embedded Antenna

Key Features

Cable 1 - 2: 2.4/5.0/6.0 GHz ISM

- 2410-2490 MHz

- 4920-7125 MHz

Self-Adhesive

Wifi 6E Antenna

Monopole Antenna

Fiberglass Material

Compact Size

Embedded Antenna

Ground Plane Independent

High Performance

Customizable Cable and Connector

Dimensions: 52.0 × 30.0 × 0.6 mm



1. Antenna and electrical specifications

Cable 1 and 2

Parameters	2.4/5.0/6.0 GHz ISM Antenna									
Standards	WiFi 6E, BT, ZigBee, ISM, SigFox, LoRa									
Band (MHz)	2.4 GHz			5.0 GHz				6.0 GHz		
Frequency (MHz)	2410-2490			4920-5925				5925-7125		
Return Loss (dB)	~ -14.8			~ -7.5				~ -9.6		
VSWR	~ 1.45			~ 3.05				~ 2.35		
Efficiency (%)	~ 61.6			~ 40.6				~ 54.2		
Bands (MHz)	2400-2490	5150-5250	5250-5350	5470-5725	5725-5850	5850-5895	5925-6425	6425-6525	6525-6875	6878-7125
Peak Gain (dBi)	~ 4.9	~ 1.9	~ 1.7	~ 4.9	~ 4.6	~ 4.1	~ 4.1	~ 5.4	~ 5.5	~ 4.3
Average Gain (dB)	~ -2.1			~ -3.4				~ -2.5		
Impedance (Ohm)	50									
Polarisation	Linear									
Radiation Pattern	Omni-Directional									
Max. Input Power (W)	10									
ECC	<0.1									
Antenna Type	Monopole									
Connector Type	IPEX MHF4L Standard (Other Connectors Available)									
Cable Length	100 mm Standard									
Cable Type	1.37 mm Mini-Coax Standard									

2. Mechanical and environmental specifications

Specifications	2JZ74
Mounting Type	Self-Adhesive
Dimensions (mm)	22.4 x 20.6 x 0.2
Adhesive Type	3M 467
Material	Rigid Fiberglass
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

Antenna Measurement Conditions:

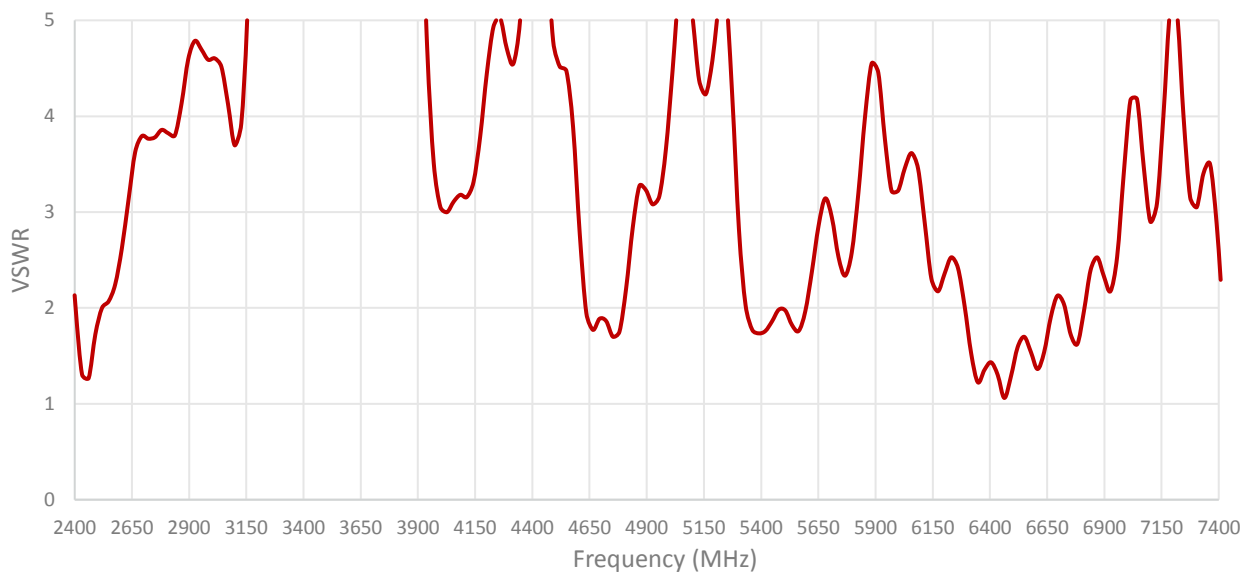
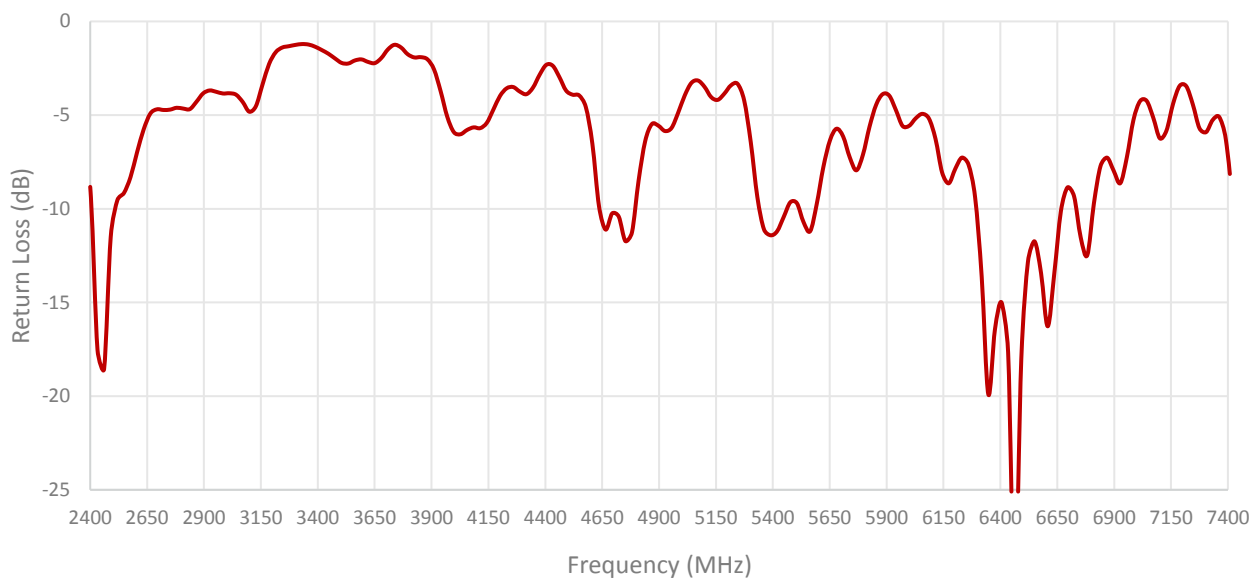
Free Space

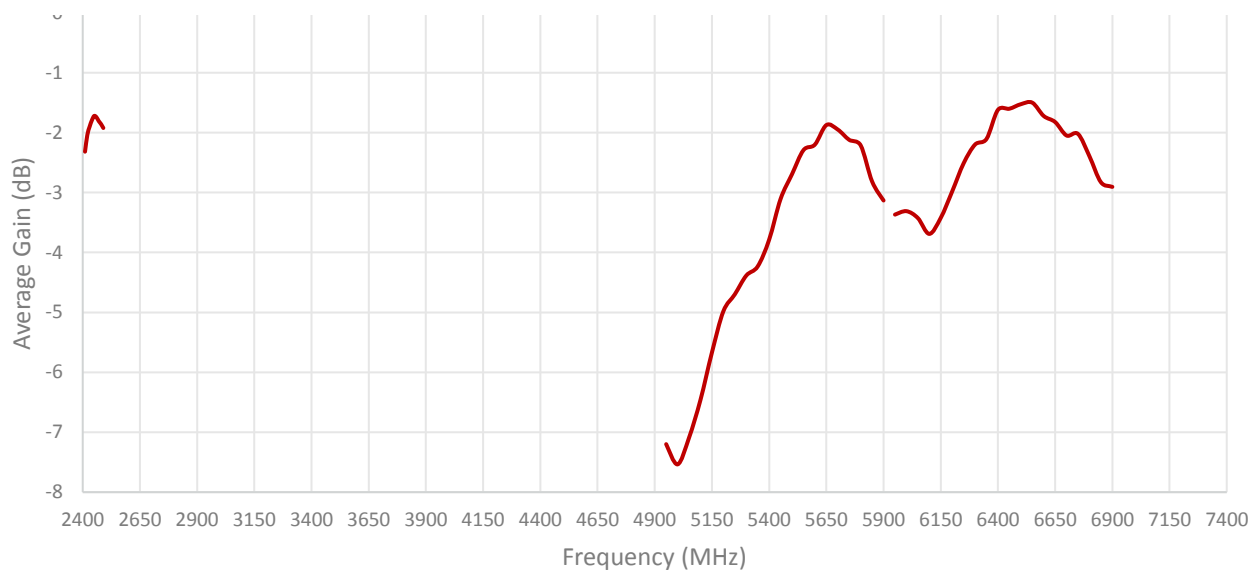
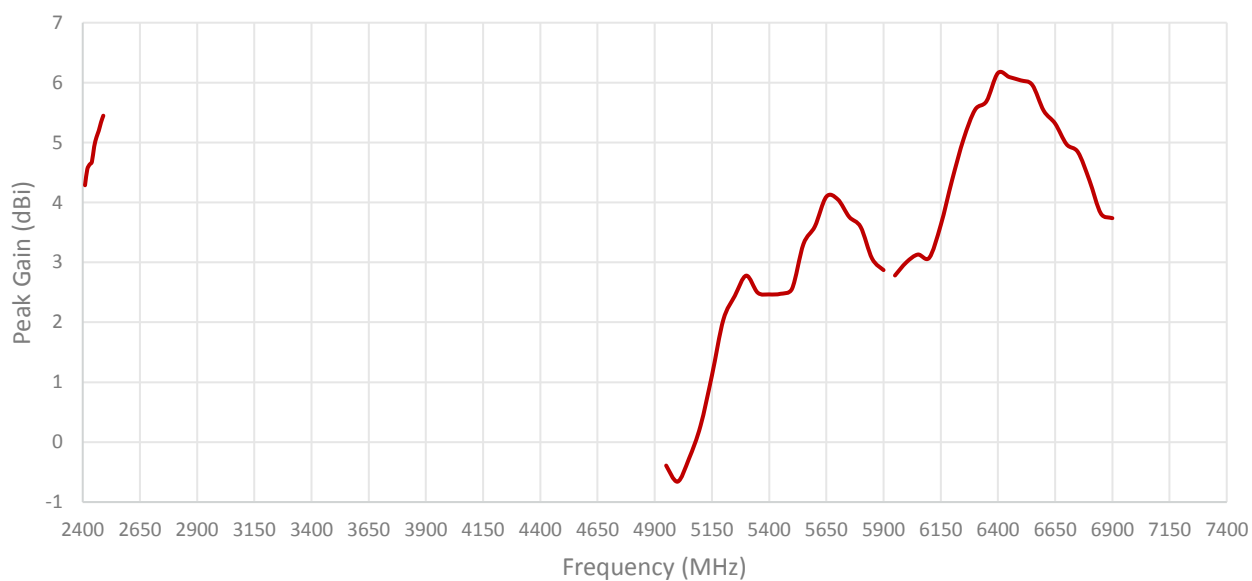
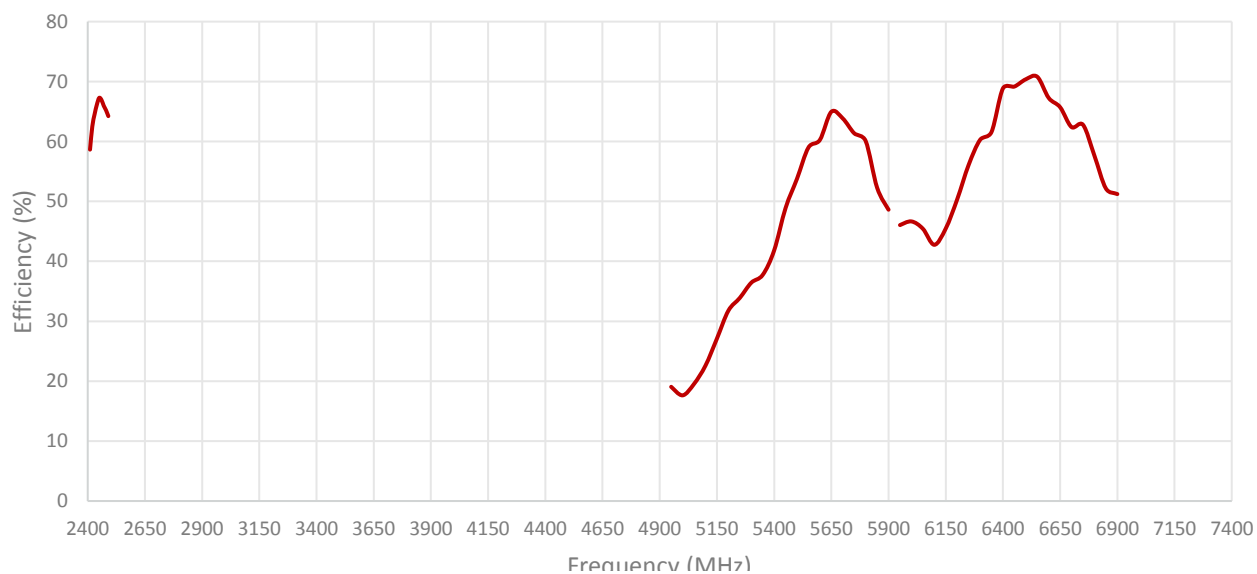
Mounted on Customer Device

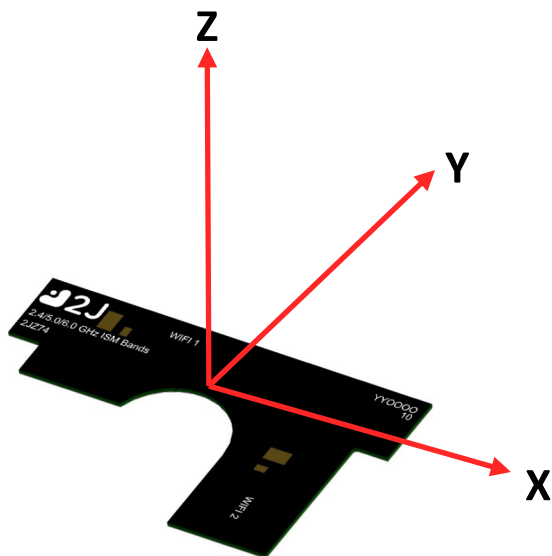
Measured in Certified CTIA 3D Anechoic Chamber

3. Antenna parameters

Table 1 and 2: 2.4/5.0/6.0 GHz ISM

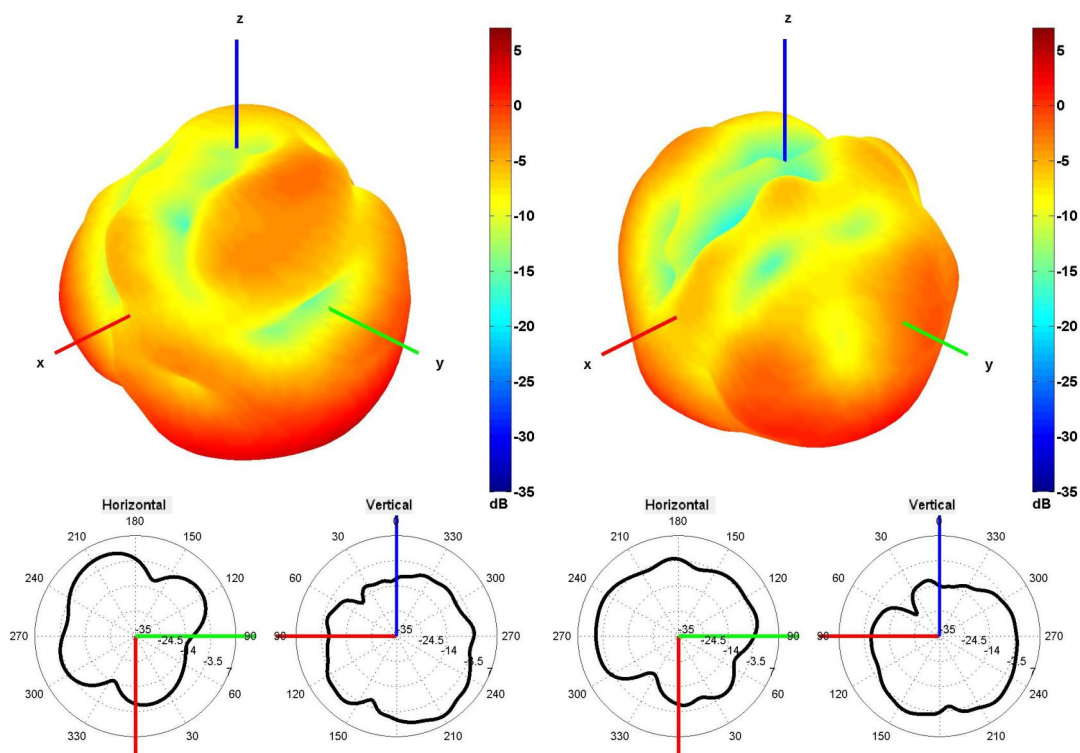




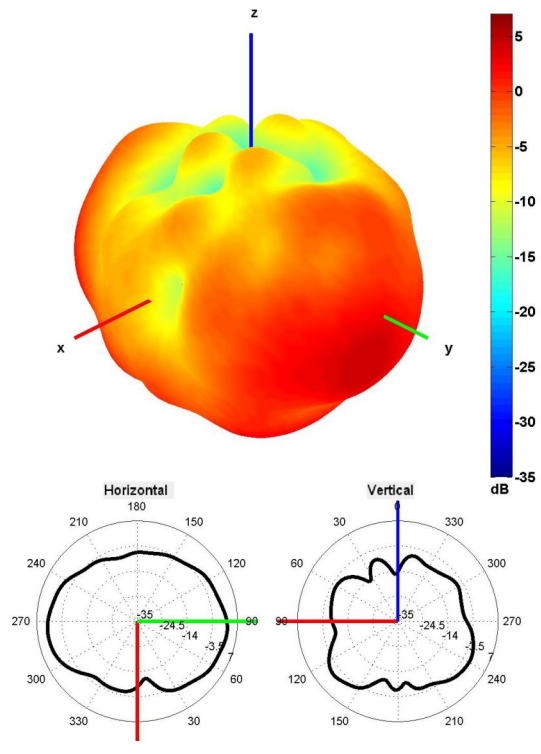


Radiation pattern reference

Cable 1 and 2: 2.4/5.0/6.0 GHz ISM

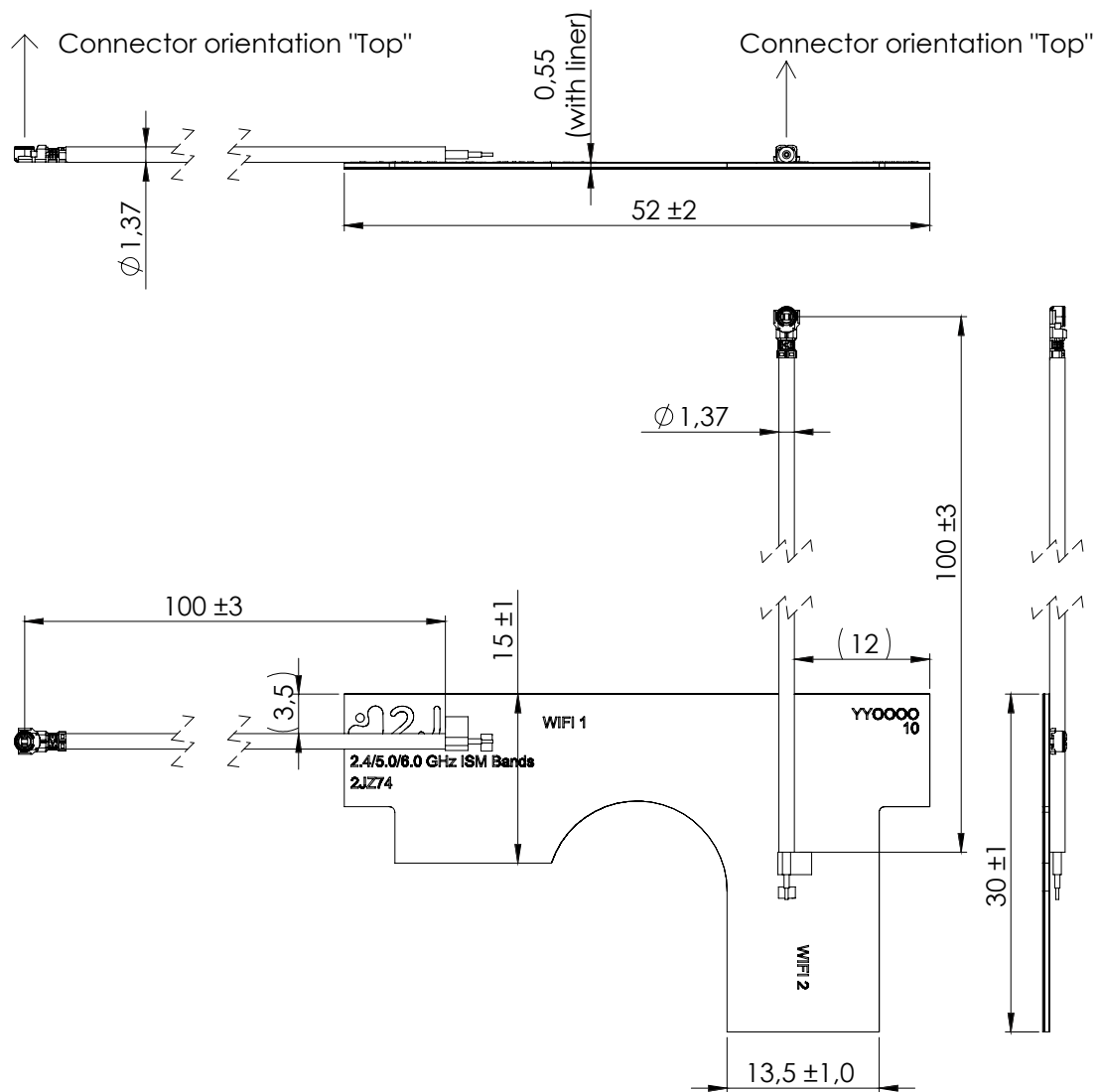


2450 and 5500 MHz Radiation pattern



6500 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

