

HT-FPC-001 IpeX Patch Built-in Antenna

2400-2500 (MHz) 2dB Bluetooth patch antenna+IPEX



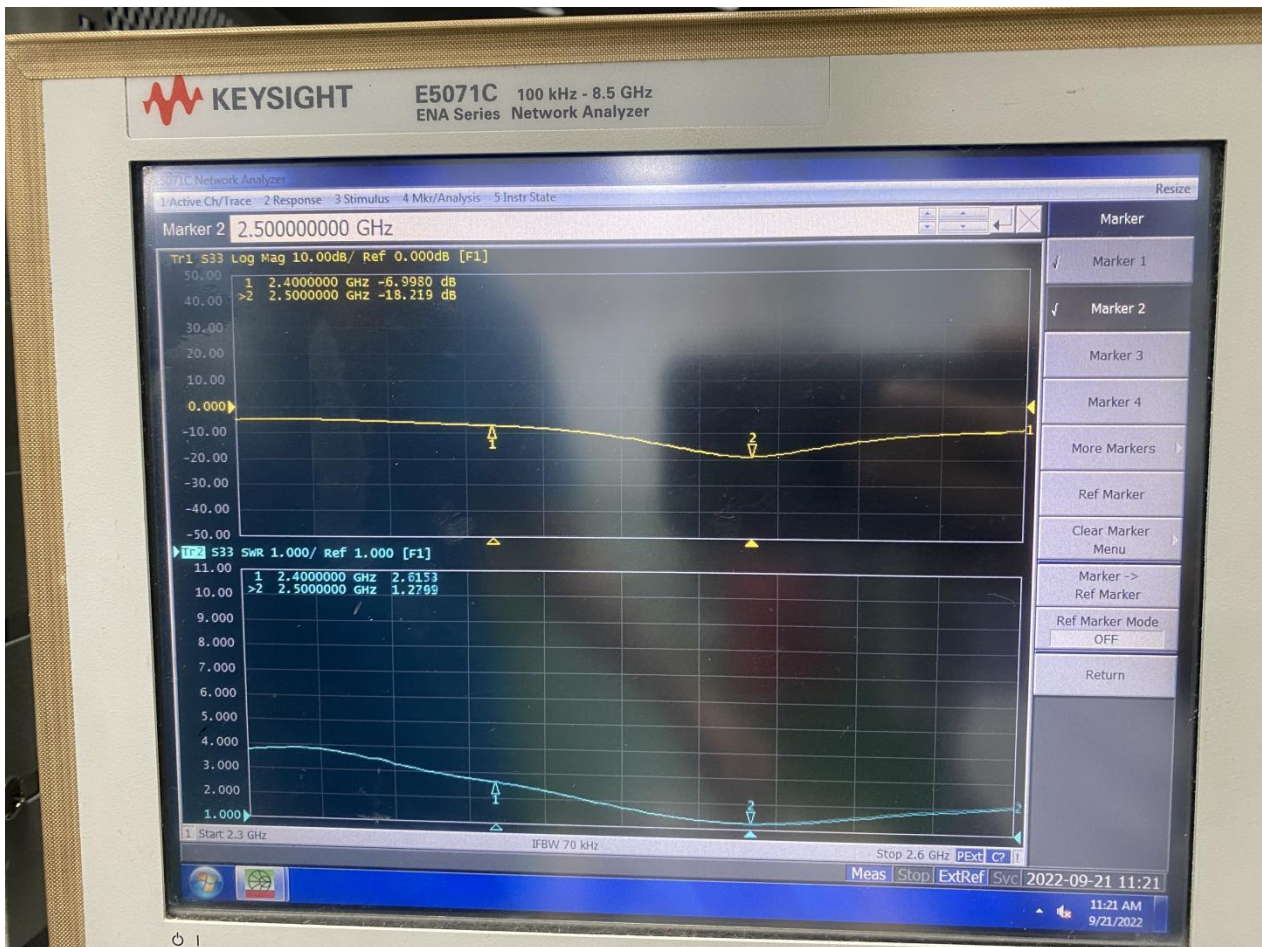
1. Product Overview:



2. Specifications:

Main technical specifications			
Frequency range (MHZ)	2400-2500mhz	Frequency Range (MHZ)	2400-2500mhz
The characteristic impedance(Ω)	50	Impedance(Ω)	50
Gain(dBi)	2 ± 1	Gain(dBi)	2 ± 1
The output voltage Standing wave ratio	≤ 3	VSWR	≤ 3
Radiation Direction	180°	Radiation Direction	180°
Polarization	Vertical	Polarization	Vertical
Physical Properties			
Operating Temp	$-30 \sim +85^\circ\text{C}$	Operating Temp	$-30 \sim \pm 85^\circ\text{C}$
The Connection method	IPEX	Connector Type	IPEX
Antenna size(mm)	$40.5 \times 8.5 \times 0.3 \pm 1.5$	Antenna size(mm)	$40.5 \times 8.5 \times 0.3 \pm 1.5$
Storage Temp	$-30 \sim +85^\circ\text{C}$	Storage Temp	$-30 \sim +85^\circ\text{C}$

3. Test report:





4. Common issues:

- The antenna frequency must match the frequency of the wireless device, otherwise the communication effect is not good;
- The lower the communication frequency, the longer the wavelength, the better the diffraction performance.
- When there is a linear communication obstacle, the communication distance will be attenuated accordingly.
- Note the antenna radiation direction. Incorrect antenna installation direction may result in a short transmission distance.
- Sea water has a strong ability to absorb radio waves, so the seaside test results are not good;

