

SPECIFICATION FOR ANTENNA

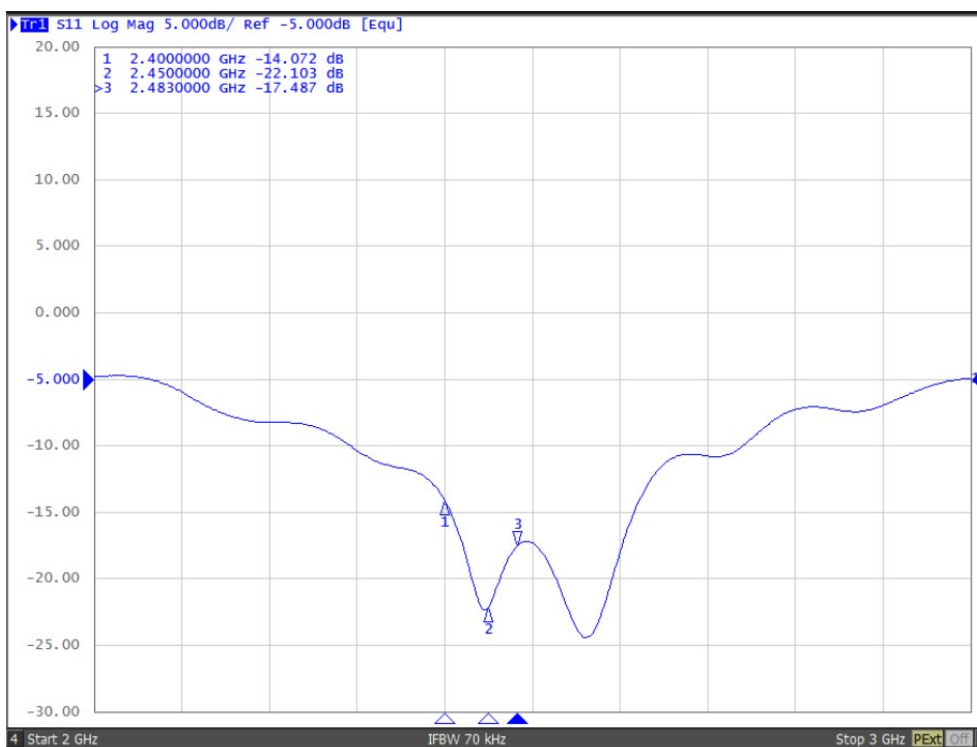
Project	PMH03B
Product Name	BT 2.4G
Frequency R (MHz)	2.4-2.5GHz
Impedance (Ω)	50
Antenna type	Metal Middle Frame

1. Antenna Structure

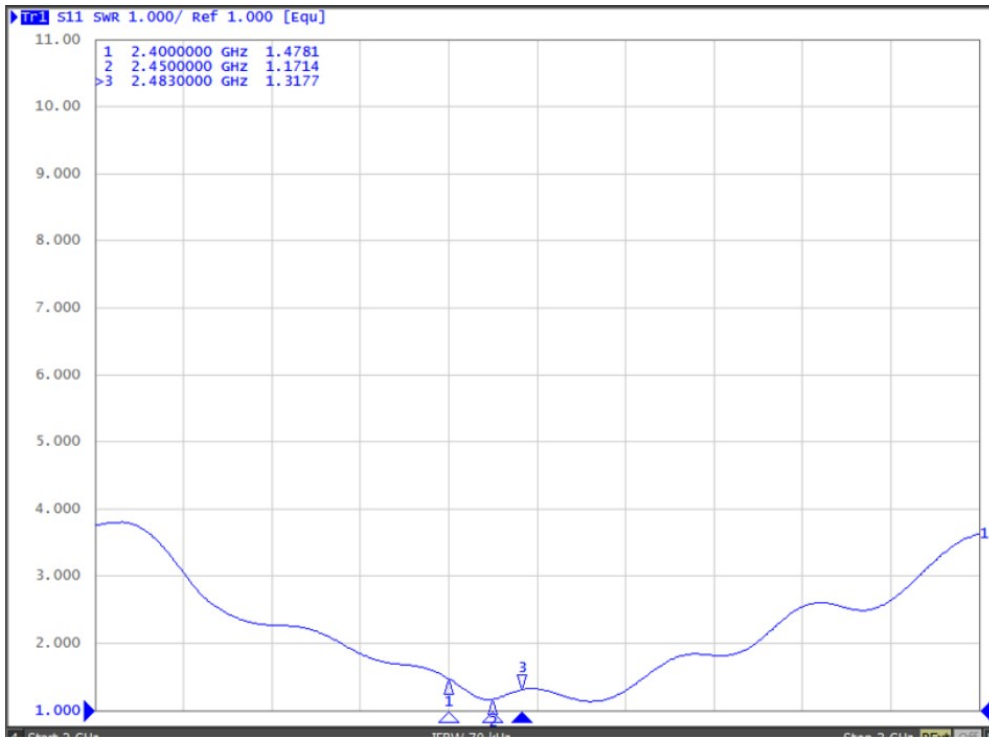
The motherboard RF circuit is connected through the feed site shrapnel (as shown on the left, red circle) to the metal middle frame, which acts as an antenna to transmit and receive signals

2. Antenna Text Fixture

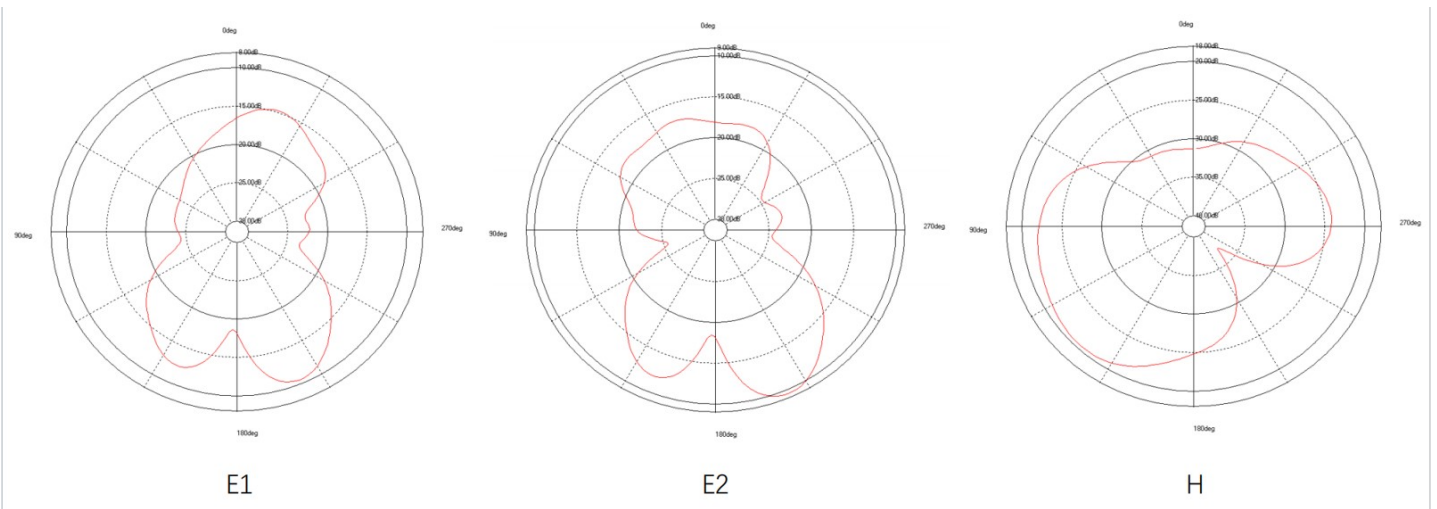
3. Return Loss



4. VSWR



5. Directional Diagram



6. Efficiency & Gain

Frequency	Efficiency	Efficiency . dB	Gain . dB
2400	3.3%	-14.8	-9.7
2410	3.3%	-14.9	-9.7
2420	3.2%	-14.9	-9.8
2430	3.2%	-15.0	-9.9
2440	3.2%	-15.0	-9.9
2450	3.2%	-14.9	-9.9
2460	3.2%	-15.0	-10.0
2470	3.1%	-15.0	-10.1
2480	3.1%	-15.1	-10.2
2490	3.0%	-15.3	-10.3
2500	2.9%	-15.4	-10.4