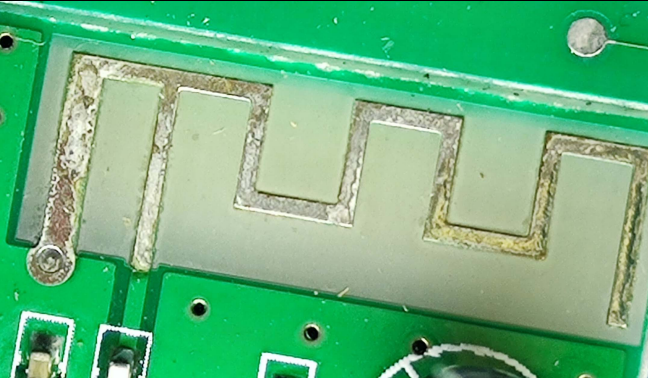


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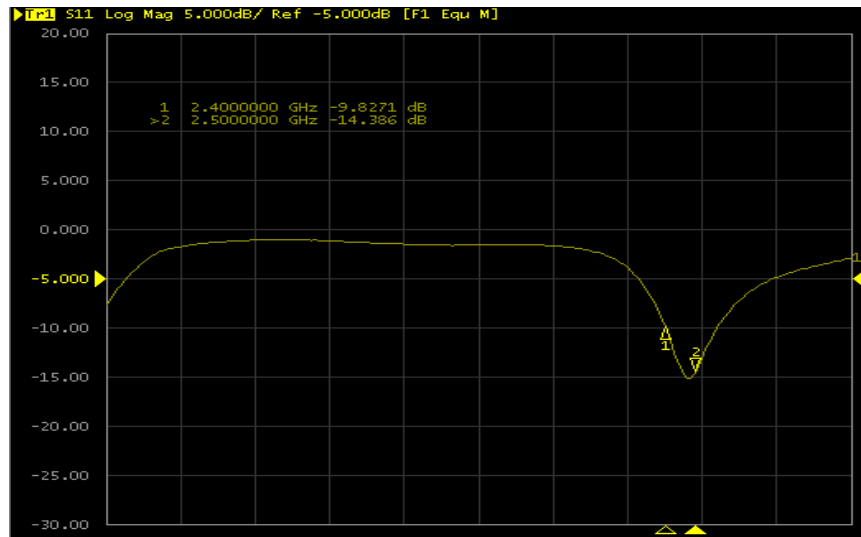
Antenna Report

Project	VEGAS
Specification	BT Antenna
Antenna Type	PCB
Gain	1.7dBi
Efficiency	-2.3(58.5%)
Frequency	2.4-2.5GHz
Return Loss	-15dB
Antenna Layout	
Test Date:	2024-3-18

Test Data

1 VSWR and Return Loss

VSWR measurements (S_{11}) were performed using an Agilent ENA series Network Analyzer and the previously described test fixture. Coaxial chokes were used to mitigate surface currents on the outside of the cabling. The testing was performed in free space.



2 Antenna Passive Test

Frequency (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	24.28	-6.15	1.0
2450	58.5	-2.3	1.7
2500	22.96	-6.39	0.5

