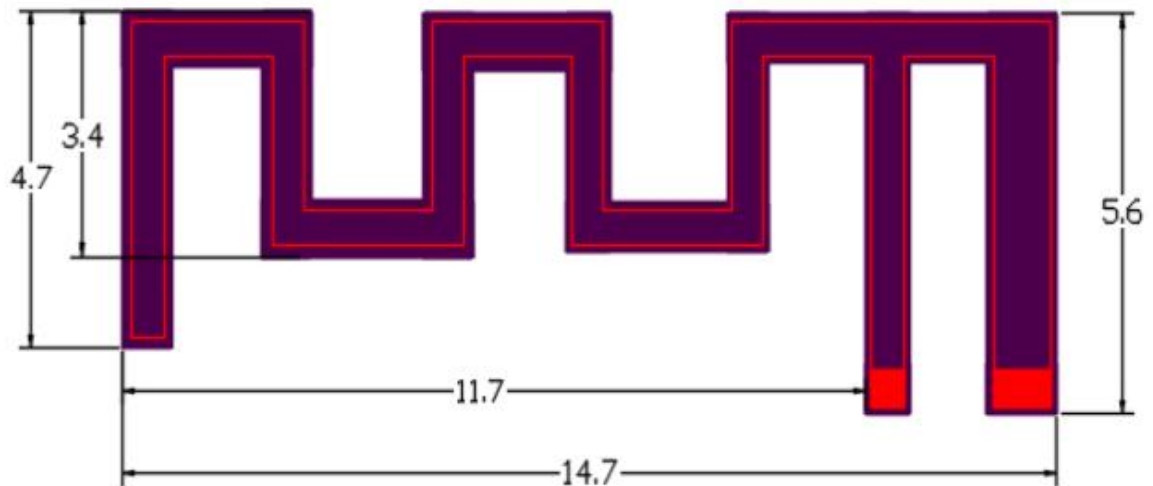


Inverted F Antenna Specification

Summary

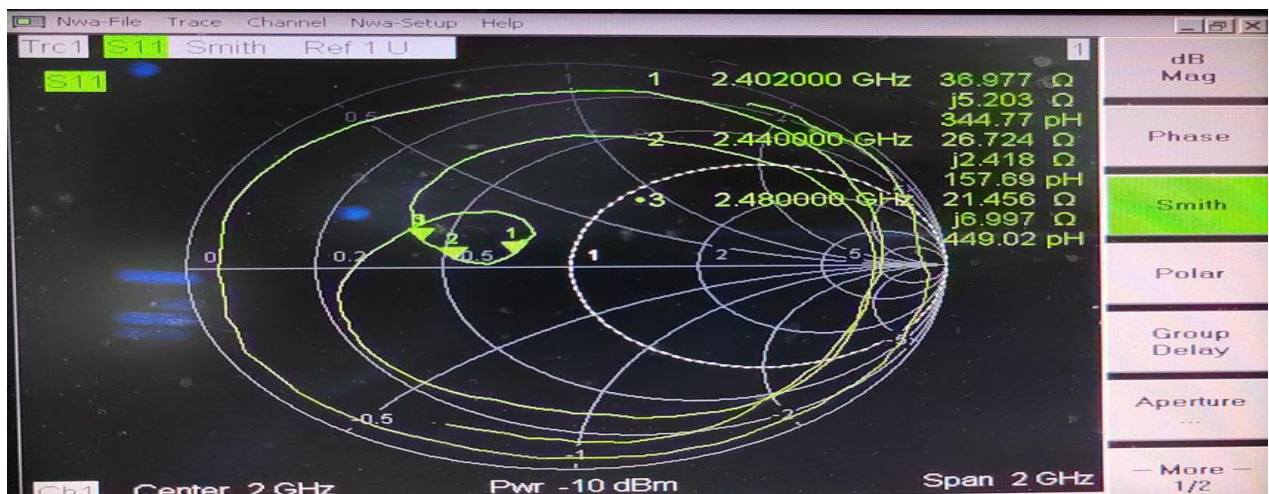
ITEM	ANT SPEC		
Model Name	2.4G ANT		
Center Frequency	2400MHz	2440MHz	2480MHz
	-2.87dB	-3.25dB	-2.66dB
MAX. Gain	-2.66dB		
Azimuth Beam Pattern	Omni-directional		
Impedance	5.2 Ohm		
Antenna Length	14.7mm		
Manufacturer	Jiangxi Yingteer IoT Technology Co., Ltd.		
Manufacturer address	Jiangxi Province Guixi City Economic Development Zone Innovation and Entrepreneurship Park		

Antenna Photo & Length (mm)



NRF52832 output power test:

Smith Chart photo:



TRM-LE/CA/BV-01-C (Output Power)

	<u>Low</u>	<u>Medium</u>	<u>High</u>	<u>Limits</u>
Average Power	-2.87 dBm	-3.25 dBm	-2.66 dBm	
Max Power	-2.86 dBm	-3.25 dBm	-2.65 dBm	< 10 dBm
Min Power	-2.87 dBm	-3.26 dBm	-2.66 dBm	> -20 dBm
Peak to Average	0.12 dB	0.11 dB	0.12 dB	< 3 dB
Total Packets Failed	0	0	0	
Total Packets Tested	10	10	10	
Result	Passed	Passed	Passed	

RCV-LE/CA/BV-01-C (Receiver Sensitivity)

	<u>Low</u>	<u>Medium</u>	<u>High</u>	<u>Limits</u>
Frame Error Rate	0.07 %	0.00 %	0.00 %	≤ 30.8 %
Total Packets Received	1499	1500	1500	
Total Packets Tested	1500	1500	1500	
Result	Passed	Passed	Passed	