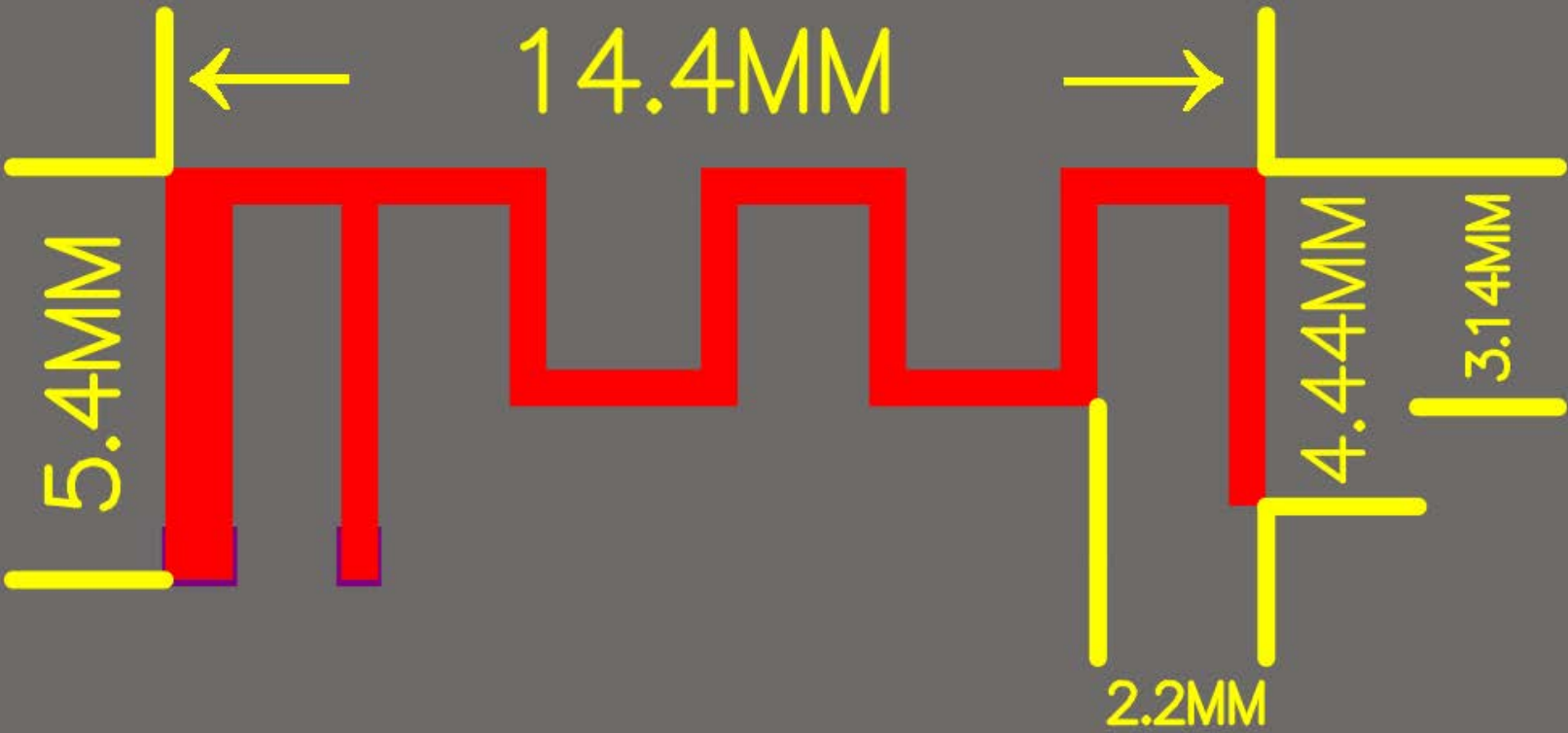
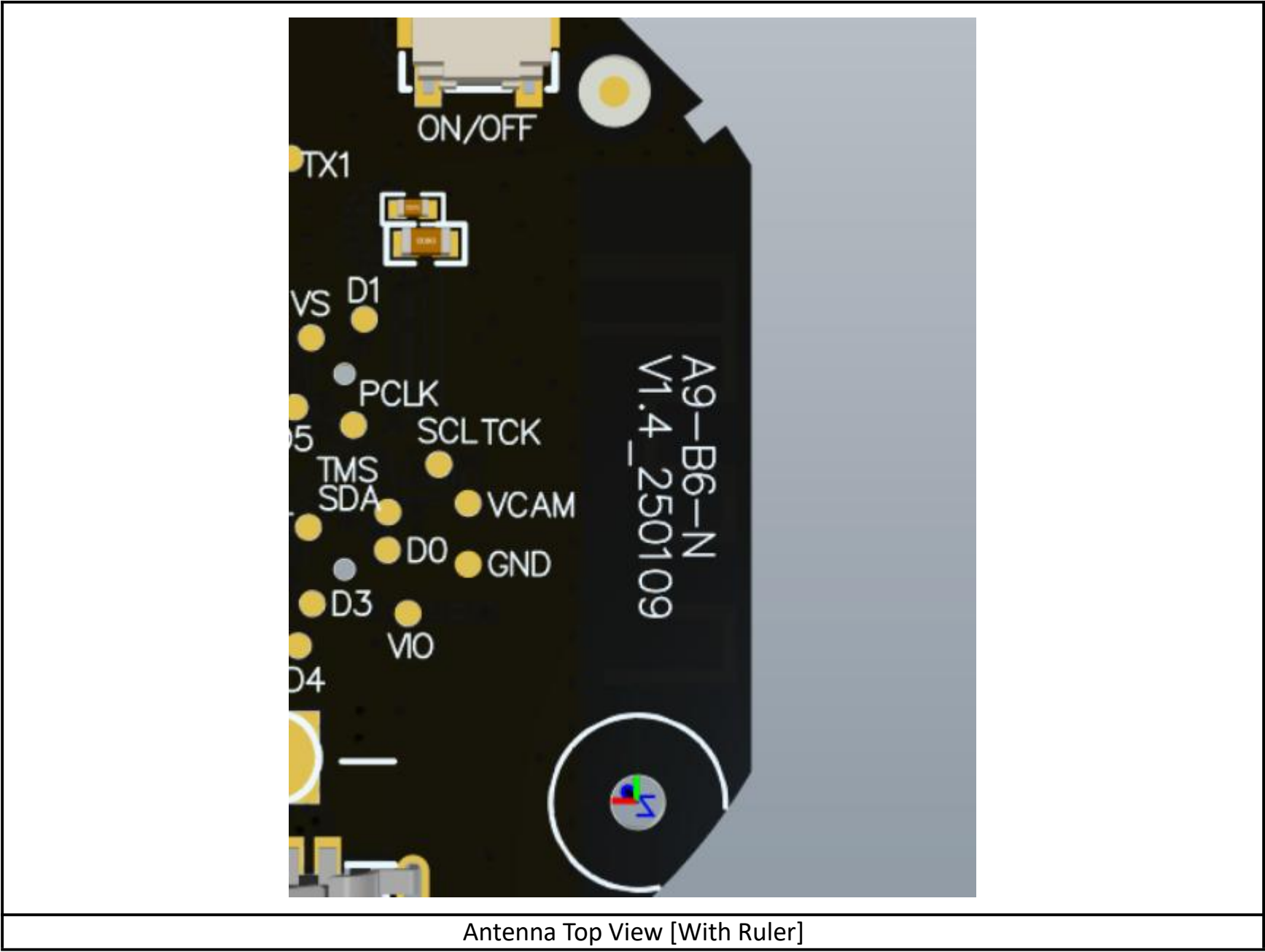


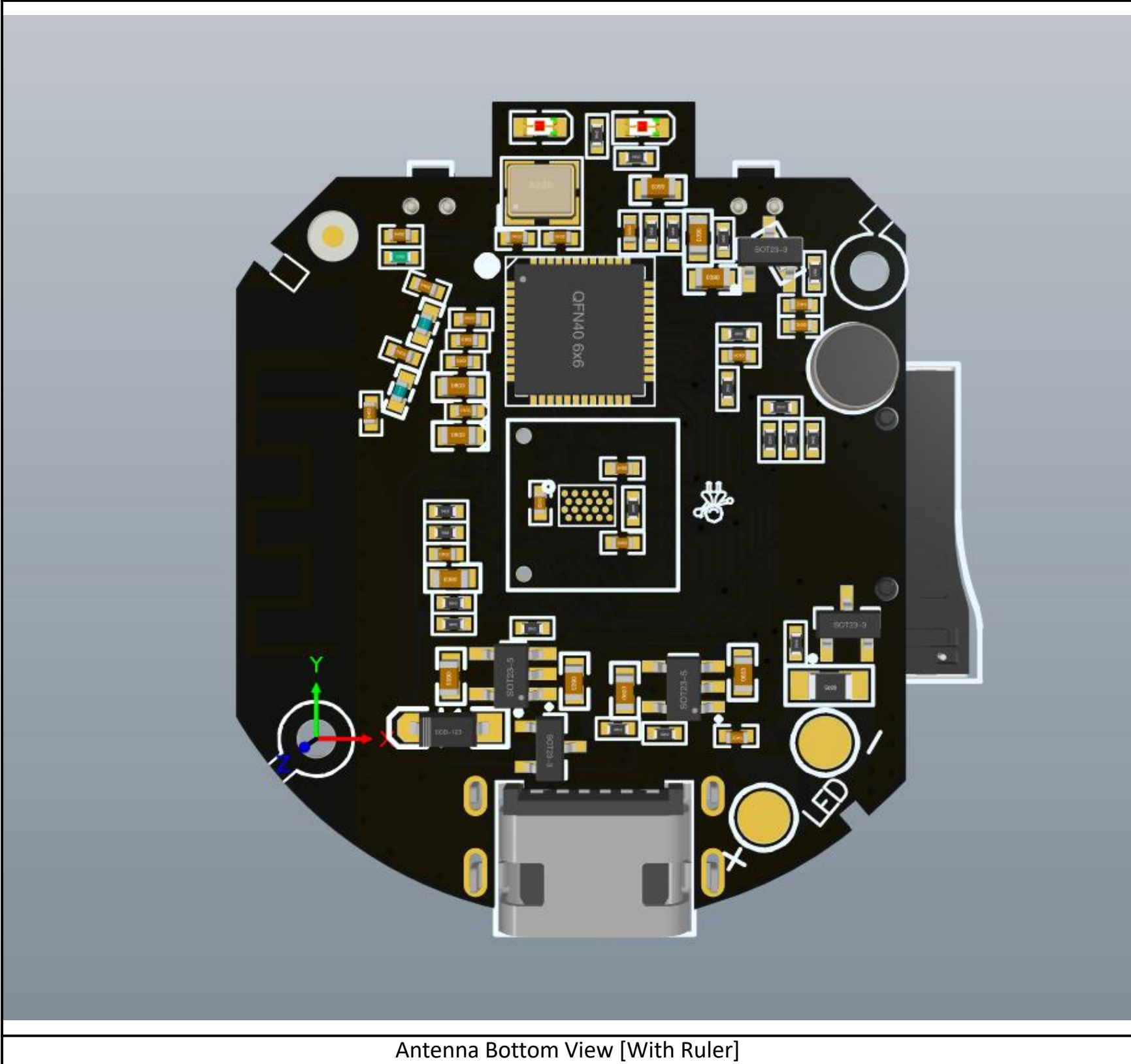
A9N PCB Antenna

Hardware Parameters

Config	Description
Project Name	A9N
Product Model	A9N-WIFI
Antenna Material	Copper
Antenna Dimensions	14.4MM*5.4MM
Antenna size	A9N
Antenna frequency	2412-2484Mhz
Antenna impedance	50 Ω
Antenna Standing Wave	<2db,
Return loss	<-10db
Power capacity	3W
Gain(dBi)	3.85(peak)
Installation	Embedded PCBA
Input Voltage	5V/1A
Hardware Version	1.4
Software Version	202406171914

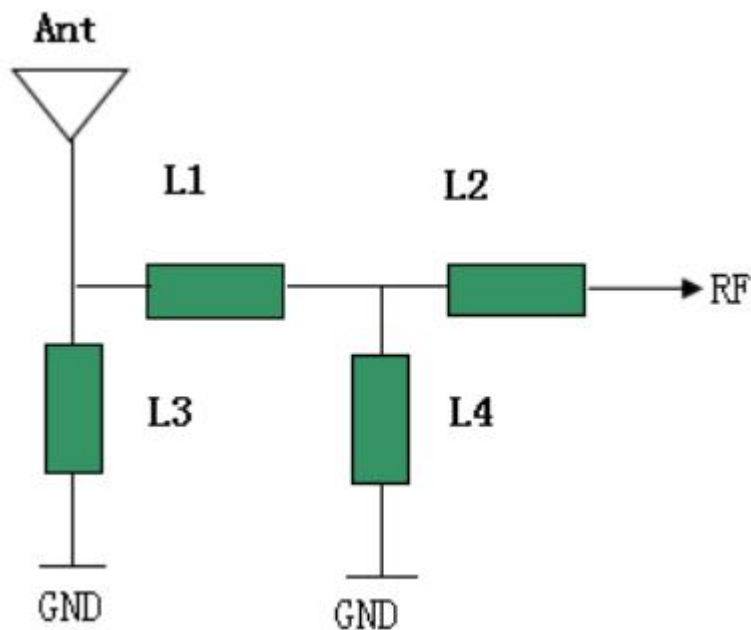
Antenna Photo





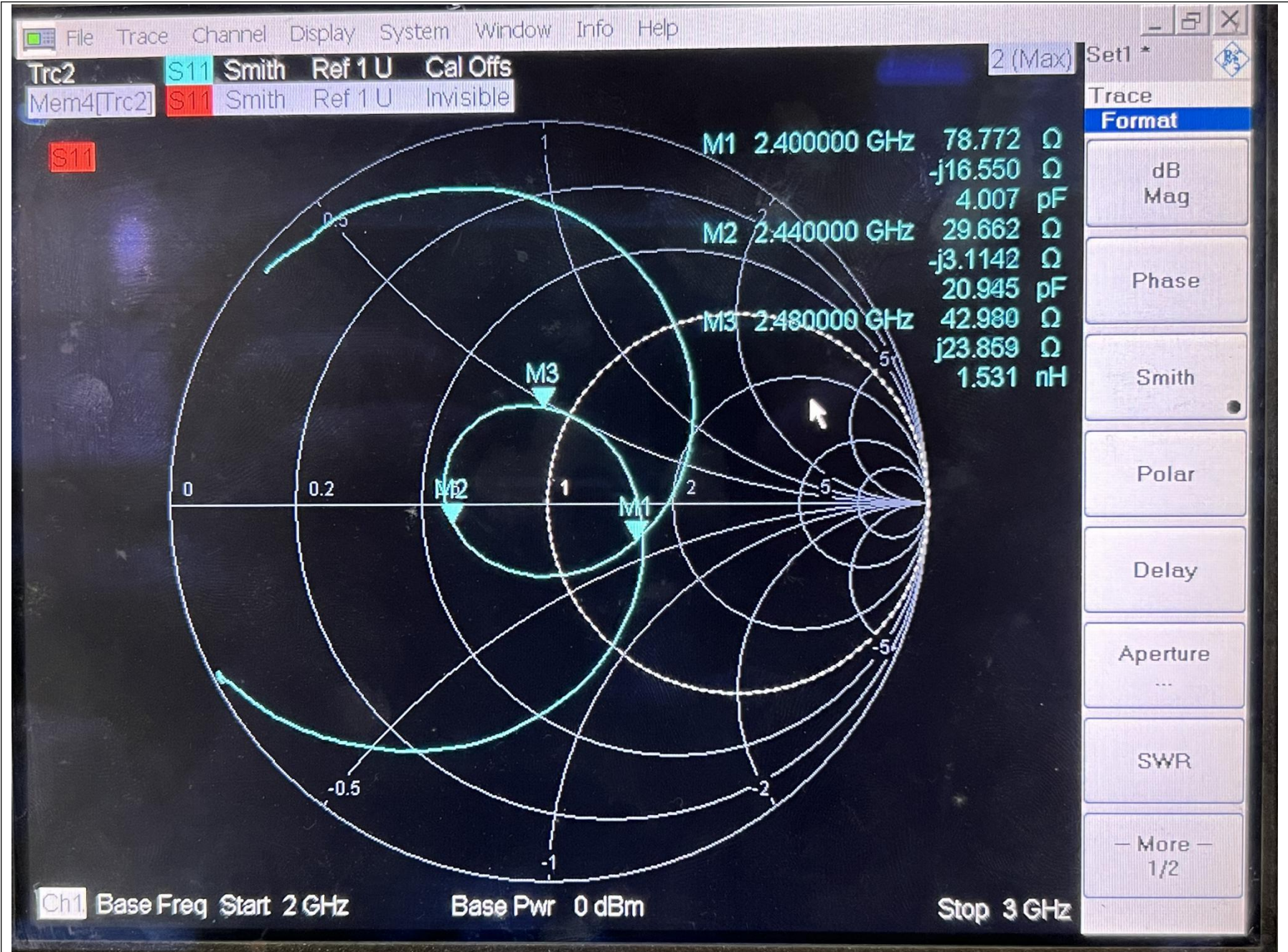
Antenna Performance (OTA)

Antenna Matching Recommendations:

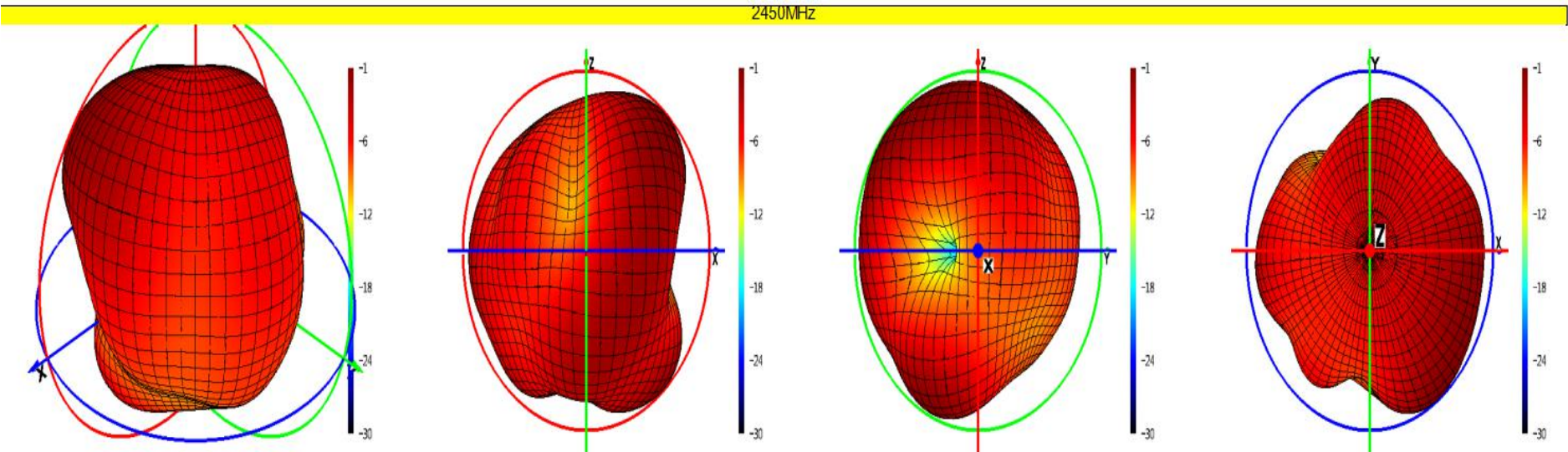


Antenna	
Element	Value
L1 (0201)	
L2 (0201)	
L3 (0201)	
L4 (0201)	
匹配无修改	

Smith Chart:

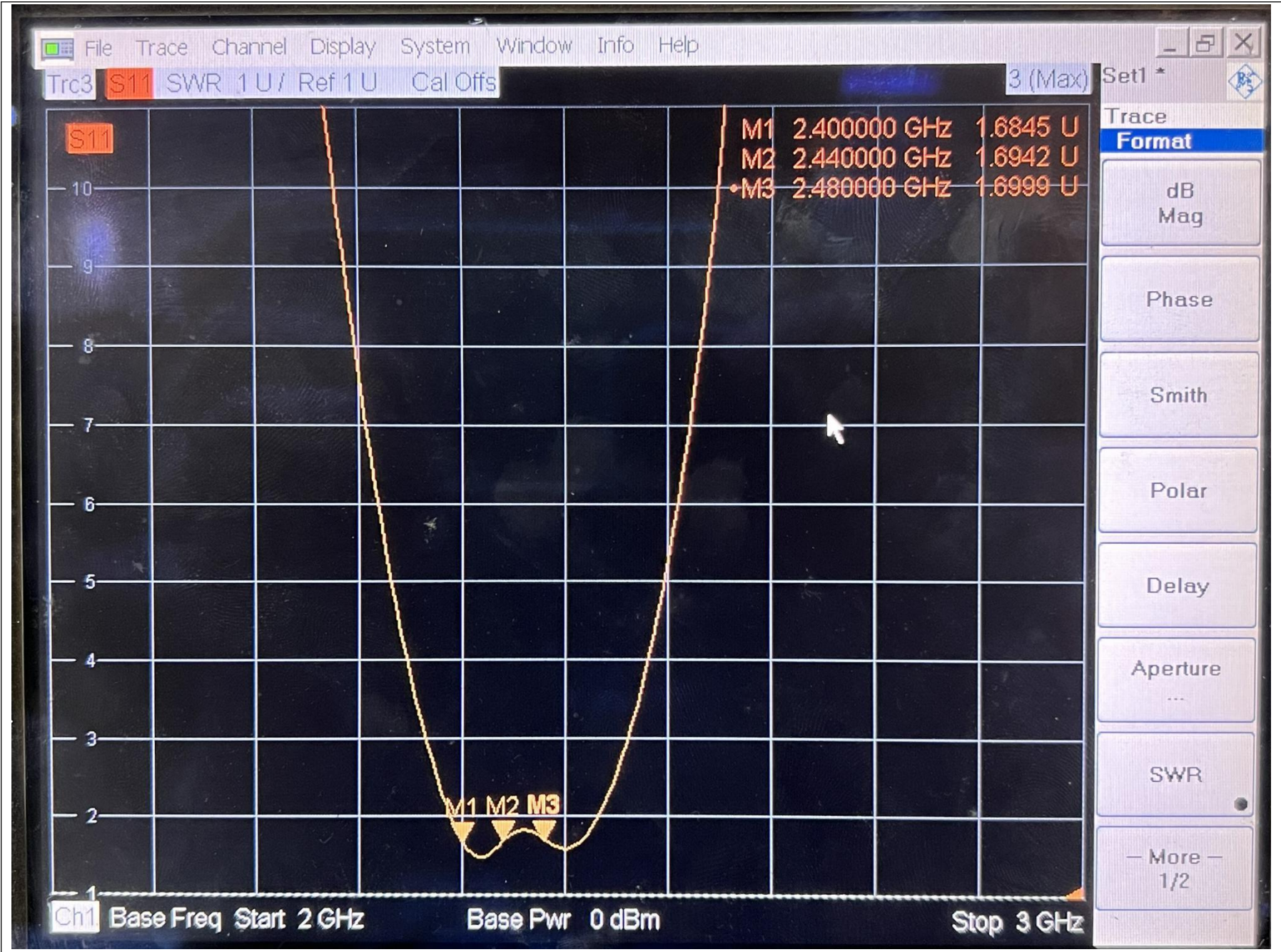


Return loss diagram:





Standing wave diagram:



Typical free space gain

Frequency	2400MHz	2410MHz	2420MHz	2430MHz	2440MHz	2450MHz	2460MHz
Gain(dBi)	3.71	3.75	3.62	3.55	3.51	3.72	3.85
Frequency	2470MHz	2480MHz	2490MHz	2500MHz			
Gain(dBi)	3.71	3.54	3.35	3.30			