

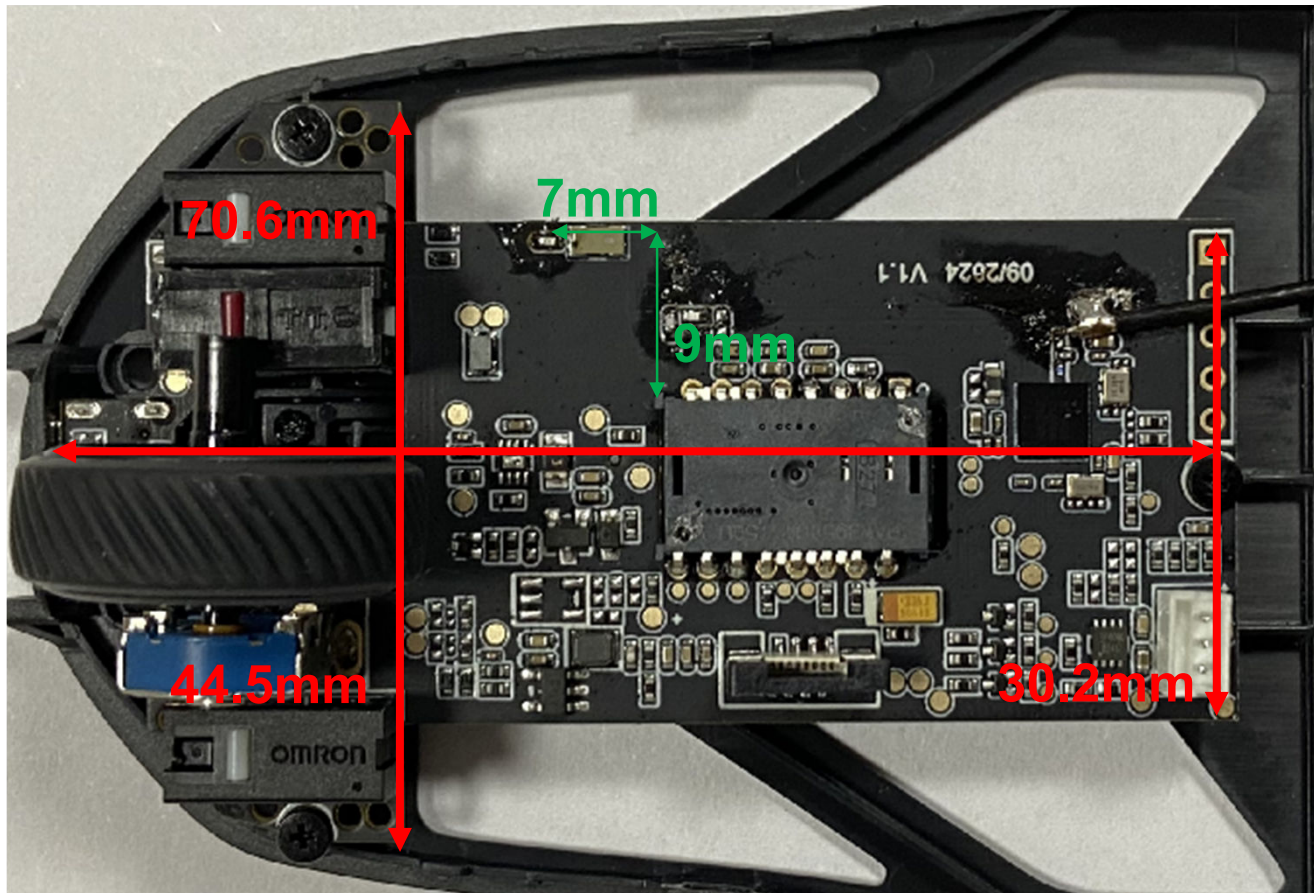
2.4G Chip Antenna Measurement

Project Information:

- Customer : Listan GmbH
- Project Name : Chip Antenna
- Antenna model: LA31H2450_A27
- Antenna size : 3.2x1.6x0.6 mm

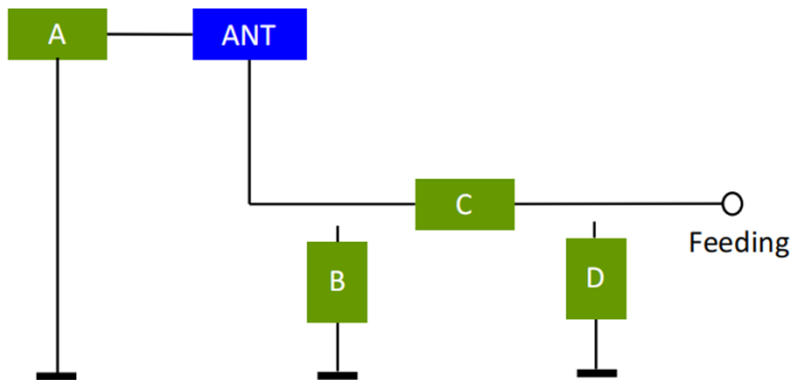
Address: Wilhelm-Bergner-Strasse 11c, 21509 Glinde, Germany

Antenna Placement:



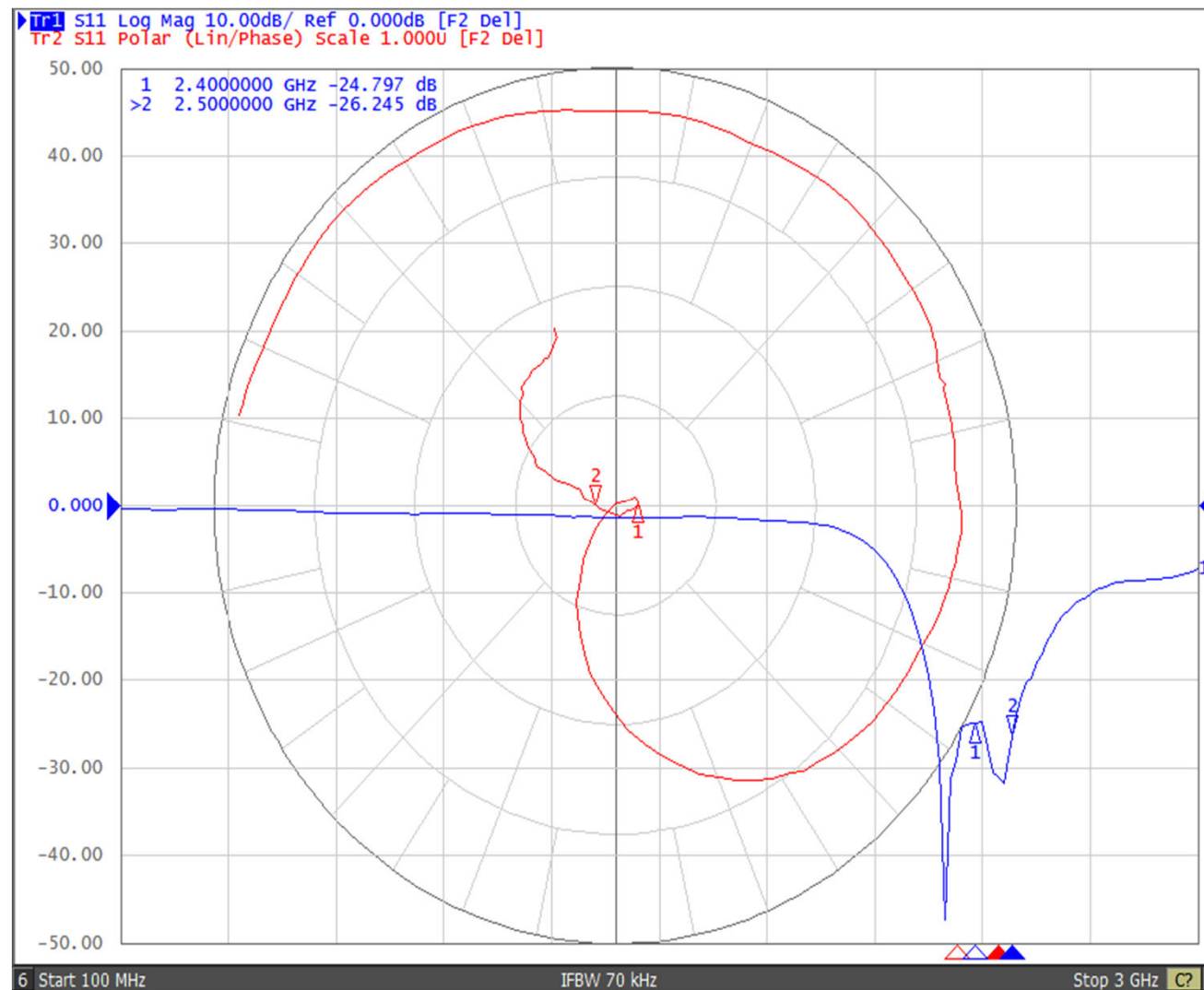
Antenna Clearance: 7.0mm x 9.0mm

Matching Circuit:

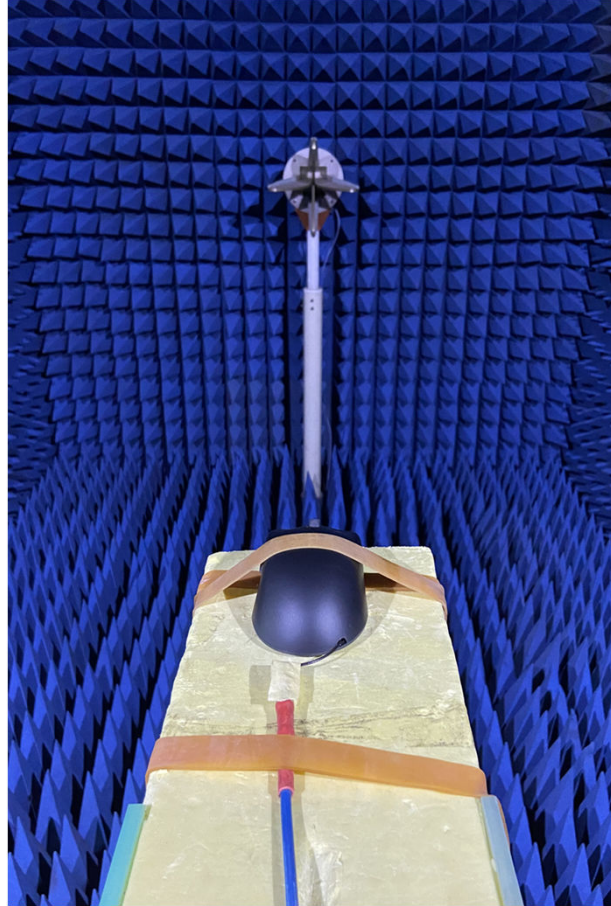


	Component	Supplier	Value	PN
A	0402		0. 5pF	
B	0402		1pF	
C	0402		3.3nH	
D			NC	

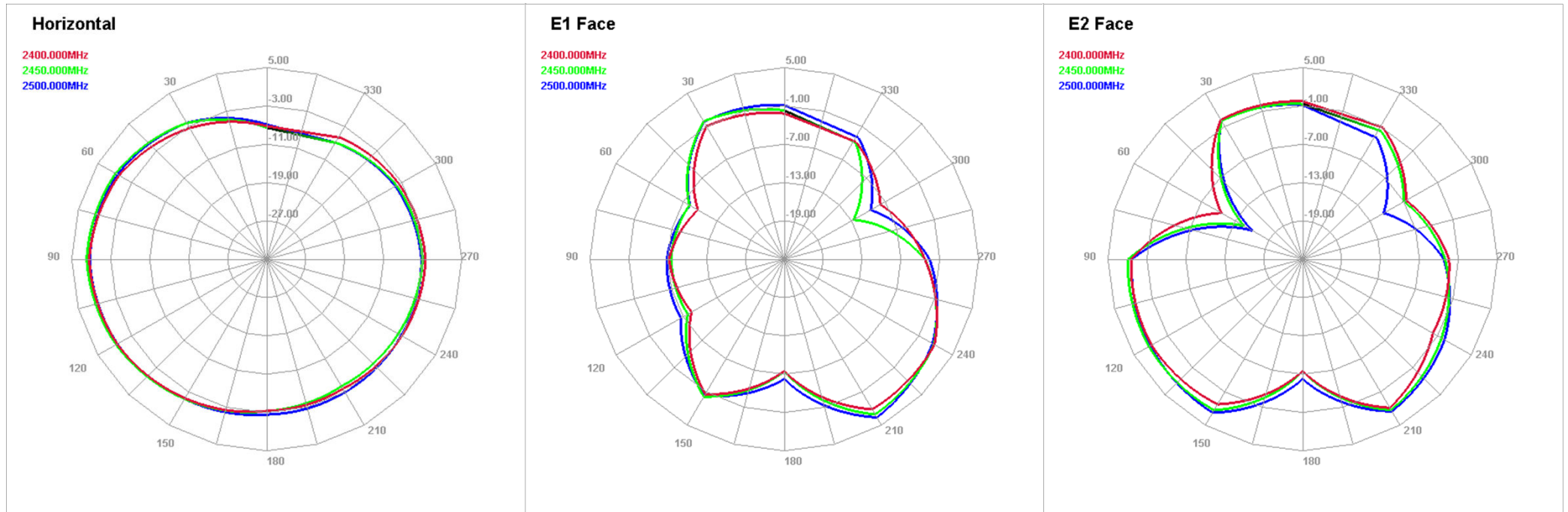
Measurement Data: Return Loss



Measurement Configuration:



Radiation Pattern (2D):



Efficiency and Gain

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	62.5	-2.0	-1.5
2410	61.2	-2.1	-1.3
2420	61.5	-2.1	-1.2
2430	63.1	-2.0	-1.1
2440	62.5	-2.0	-1.0
2450	64.7	-1.9	-1.0
2460	64.6	-1.9	-1.1
2470	63.2	-2.0	-1.1
2480	64.9	-1.9	-1.0
2490	66.4	-1.8	-1.0
2500	65.5	-1.8	-0.9
AVE	63.6	-2.0	-1.1