

Antenna Test Report



Customer	MIATONE
Project	P 3
Antenna Revision	A0
Product Description	Bluetooth Speaker
Product No	P 3

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1. Product Overview & Dimension

Front



Antenna

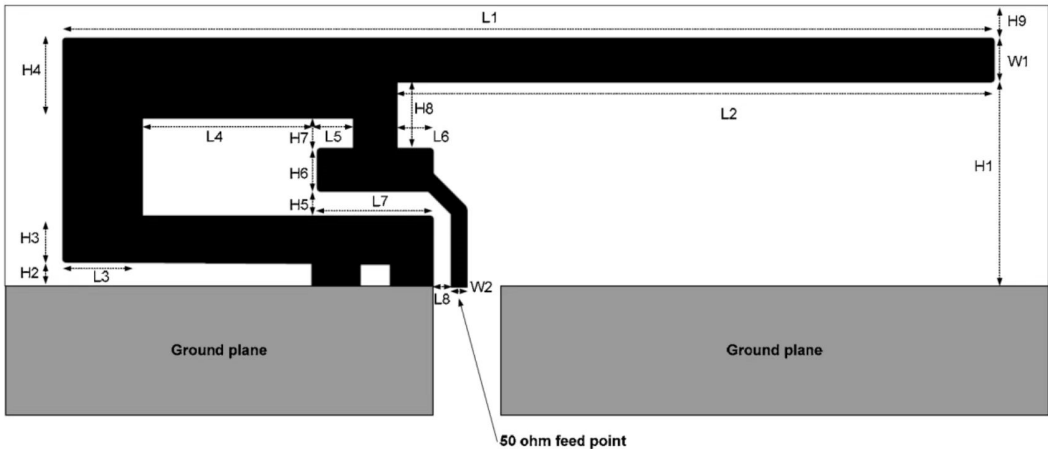


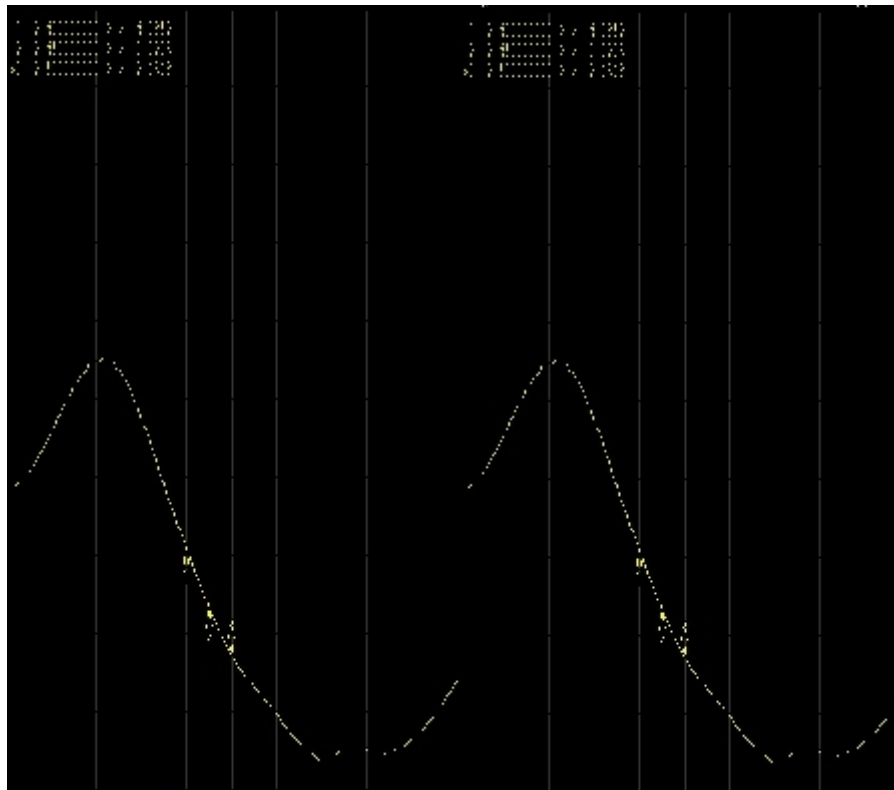
Figure 1-1. IFA Dimensions

Table 1-1. IFA Dimensions

H1	5.70 mm	W2	0.46 mm
H2	0.74 mm	L1	25.58 mm
H3	1.29 mm	L2	16.40 mm
H4	2.21 mm	L3	2.18 mm
H5	0.66 mm	L4	4.80 mm
H6	1.21 mm	L5	1.00 mm
H7	0.80 mm	L6	1.00 mm
H8	1.80 mm	L7	3.20 mm
H9	0.61 mm	L8	0.45 mm
W1	1.21 mm		

2. Test Result

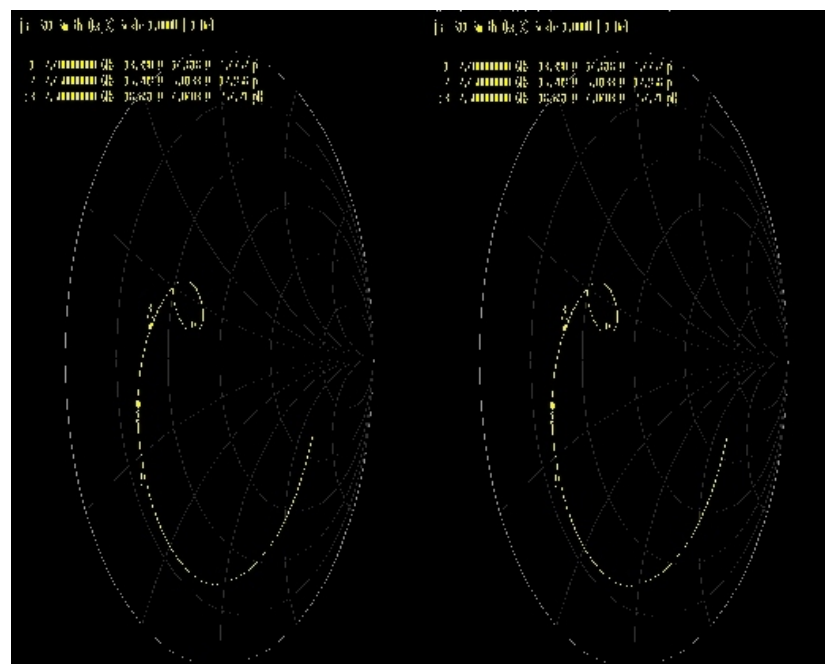
2.1 VSWR



Frequency (MHz)	2400	2450	2500
VSWR	4.08	3.32	2.69

2. Test Result

2.2 SMISH



Frequency (MHz)	2400	2450	2500
SMISH	13.39	15.20	18.68

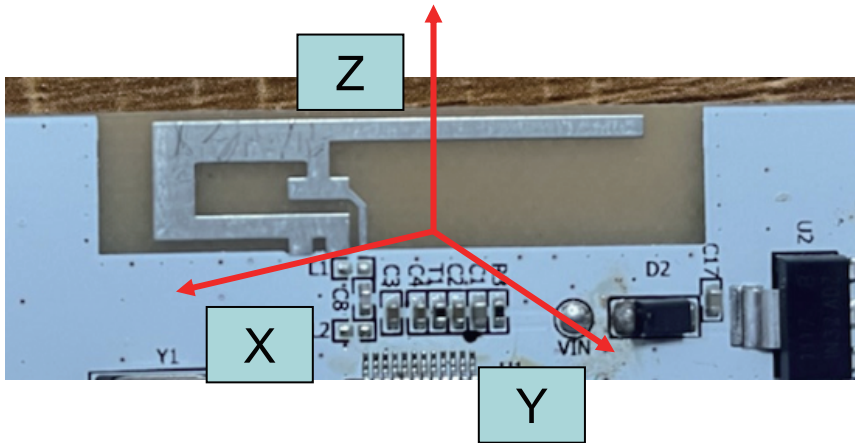
2.Test Result

2.3 GAIN&Efficiency

Frequency (MHz)	Efficiency(%)	Average GAIN(dB)	PeakGAIN(dB i)
2400	4.33	-13.64	-1.72
2450	5.26	-12.79	-1.80
2500	5.96	-12.25	-1.68

2. Test Result

2.4 3D DATE



2. Test Result

