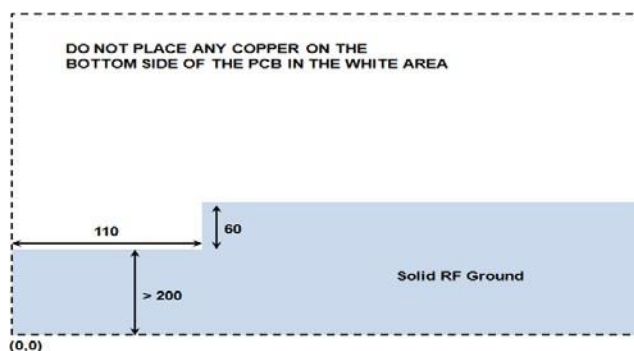
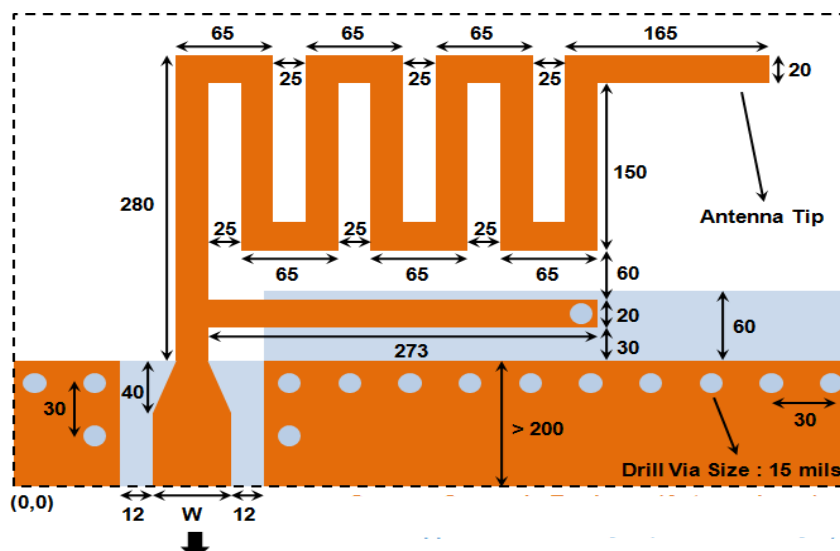


Inverted F Antenna (MIFA) Specification

Summary

ITEM	ANT SPEC					
Model Name	2.4G ANT					
Center Frequency	Horizontal			Vertical		
	2400MHz	2440MHz	2500MHz	2400MHz	2440MHz	2500MHz
	0.09	0.98	-0.28	-0.25	-0.46	-0.86
MAX. Gain	0.98dbi					
Polarization	Horizontal and Vertical					
Azimuth Beam Pattern	Omni-directional					
Impedance	50 Ohm					
Manufacture	SHENZHEN AKAUDIO TECHNOLOGY CO.,LTD					
Address	7/F, A1 Bldg, Shuichanjingwan Industrial 1st Area, Gushu, Bao'an, Shenzhen, China					

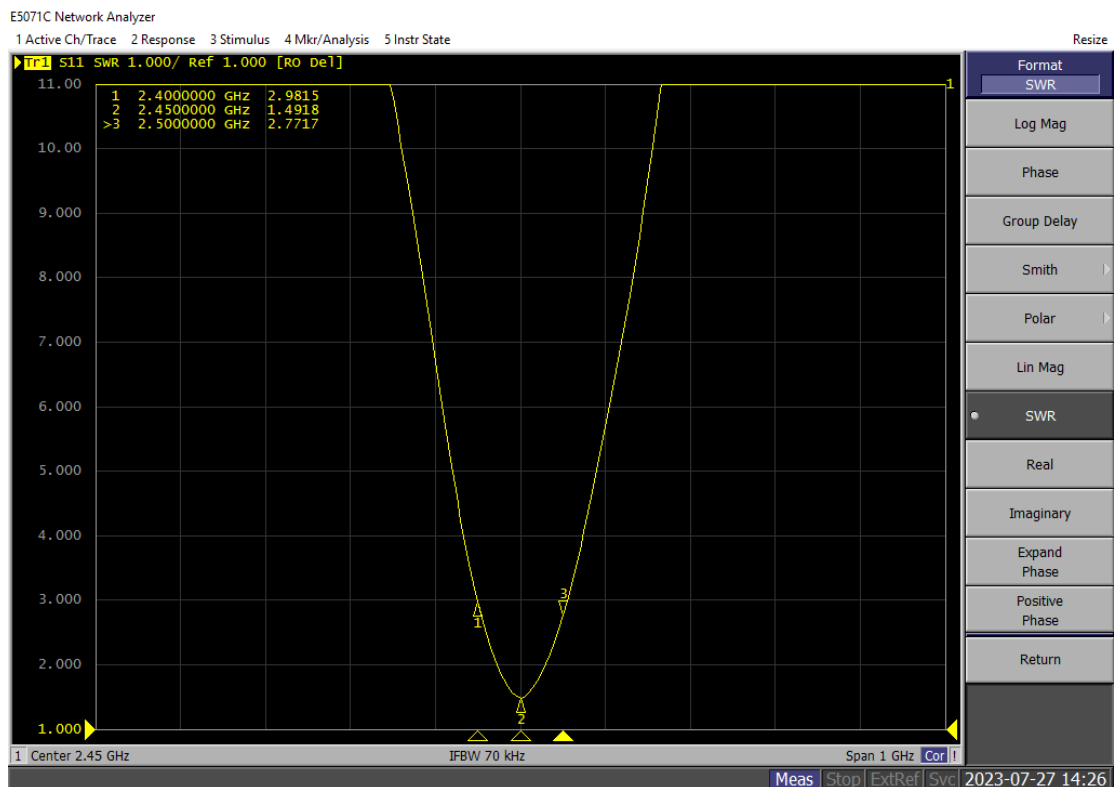
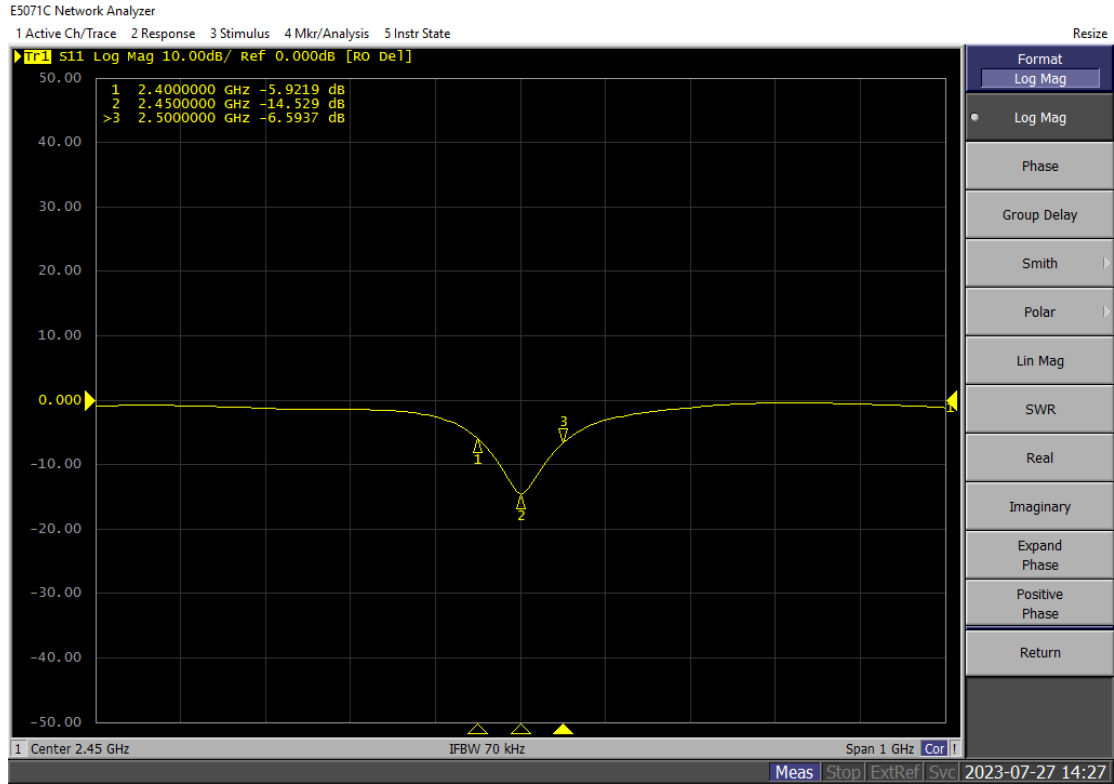
Antenna Photo & Length (mils)



Light Blue: Bottom Layer
All dimension are in mils

The S11 diagram of the antenna:

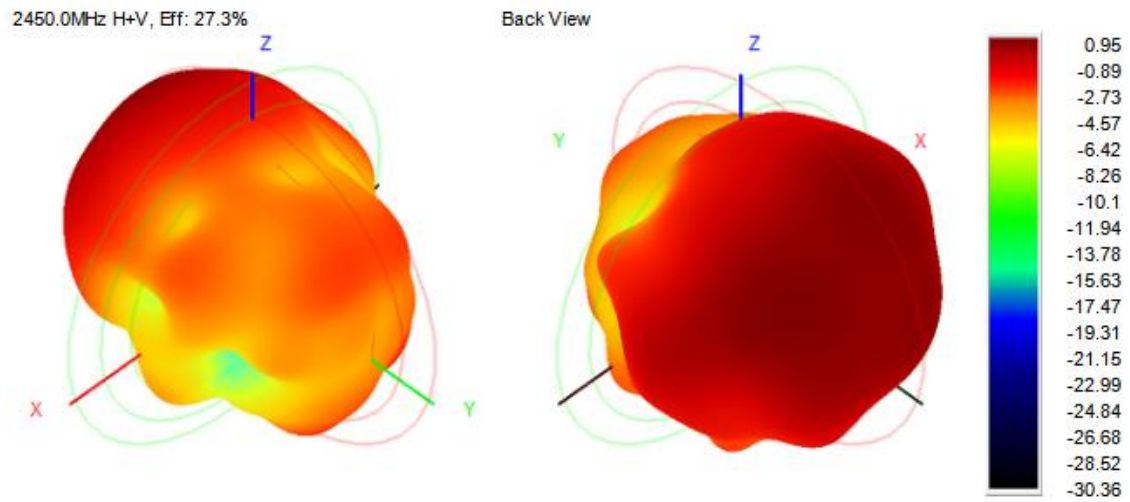
Marker (MHZ)	2400	2450	2500
Returnloss	-5.9	-14.5	-6.5
VSWR	2.9	1.4	2.7



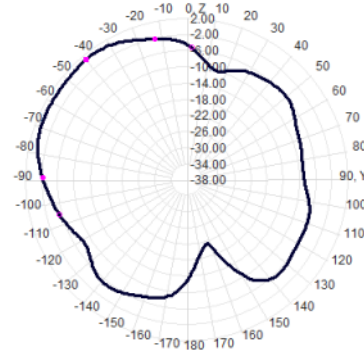
Gain, efficiency and radiation pattern

Rate (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	0.09	0.39	0.65	0.88	0.98	0.95	0.73	0.50	0.16	-0.08	-0.28
Efficien (%)	23.9	25.2	26.1	26.9	27.2	27.3	26.3	24.3	22.4	20.4	19.4

2450MHz Directional diagram:



2450.0MHz Total(EZ-YZ), Max= 0.80dBi



Total(H-XY), Max= -2.06dBi, CirD=17.54

