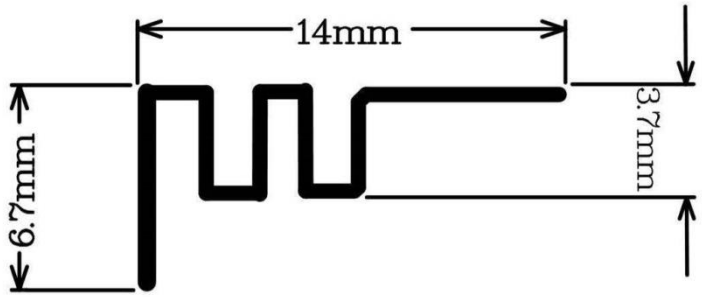
I. Antenna Spec.

I.1 Spec

Item	*Spec*
Frequency range	2.4 ~ 2.5GHz
VSWR	≦2
Null point check	Any 30° angle range can't have null depth

Average Gain (dBi)			Peak Gain (dBi)		
2.4GHz	2.45GHz	2.5GHz	2.4GHz	2.45GHz	2.5GHz
≧-4	≧-4	≧-4	≦3	≦3	≦3

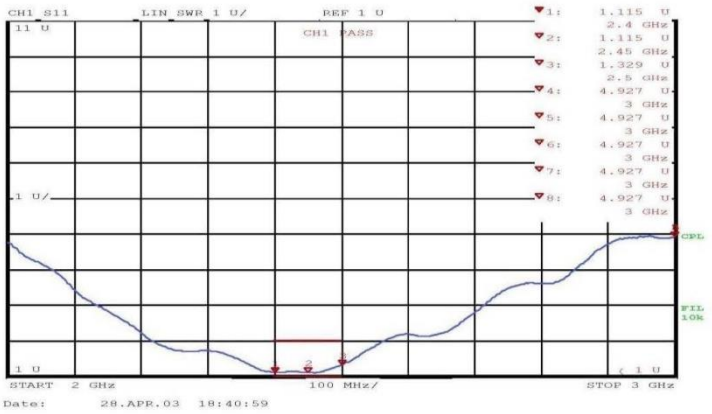
Antenna Photo & Length (mm)



III. Antenna test report

III.1 VSWR

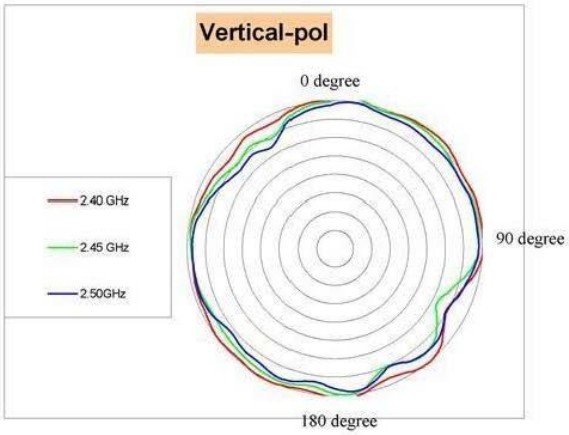
VSWR			Pass/NG
2.4GHz	2.45GHz	2.5GHz	
1.12	1.12	1.33	**Pass**

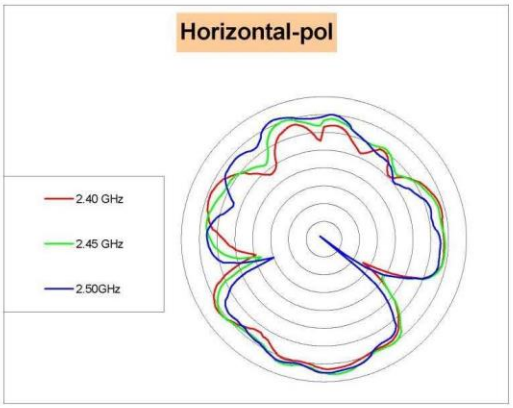


Test setup: Antenna on elevation angle θ = 0° azimuth plane

Average Gain (dBi)			Peak Gain (dBi)			Pass /NG
2.4GHz	2.45GHz	2.5GHz	2.4GHz	2.45GHz	2.5GHz	
-2.20	**-2.44**	**-2.67**	**1.22**	**1.20**	**-0.02**	**Pass**

Pattern





Conclusion:

Based on the test result above, the antenna performance is OK.