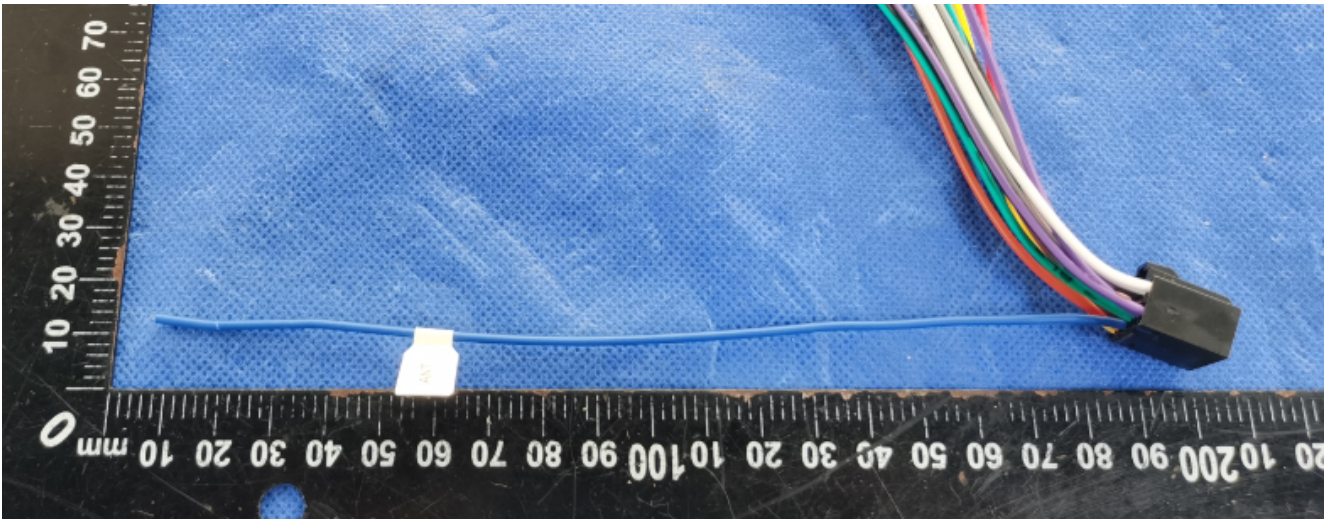


Antenna Specification

Summary

ITEM	ANT SPEC
Model Name	2.4G ANT
MAX. Gain	1.09dBi
Polarization	Horizontal and Vertical
Azimuth Beam Pattern	Omni-directional
Impedance	50 Ohm
Antenna Length	38.20mm
Manufacture	Quectel Wireless Solutions Co., Ltd.



4. 2D Radiation characteristics of antenna

4.1 characteristics of antenna(VEC 03)



Frequency VNA (MHz)	Gain (Peak) (dBi)
2400MHz	0.052
2410MHz	0.084
2420MHz	0.262
2430MHz	0.191
2440MHz	0.263
2450MHz	0.075
2460MHz	0.367
2470MHz	0.556
2480MHz	0.647
2490MHz	1.058
2500MHz	1.091