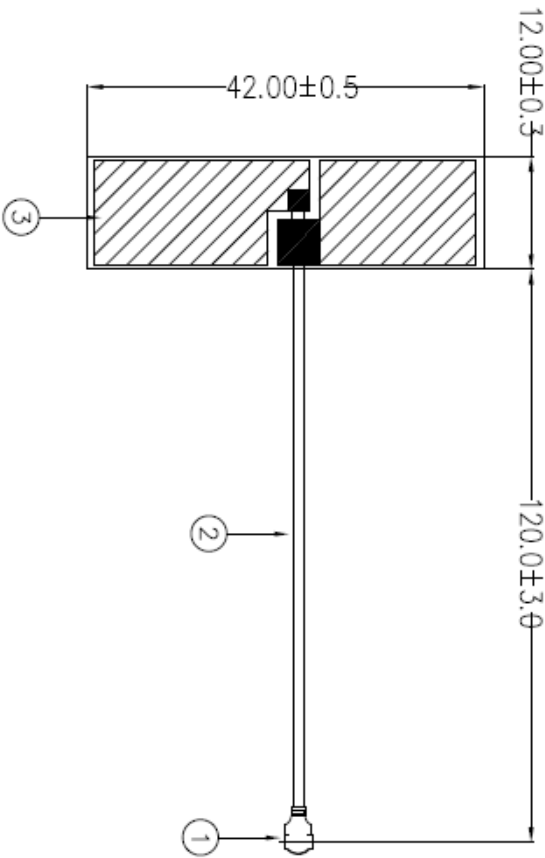


Antenna Specification

Summary

ITEM	ANT SPEC
Model Name	2.4G ANT
MAX. Gain	1.06dBi
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	0.042
2410MHz	0.084
2420MHz	0.266
2430MHz	0.194
2440MHz	0.268
2450MHz	0.076
2460MHz	0.364
2470MHz	0.553
2480MHz	0.644
2490MHz	1.06
2500MHz	1.01