

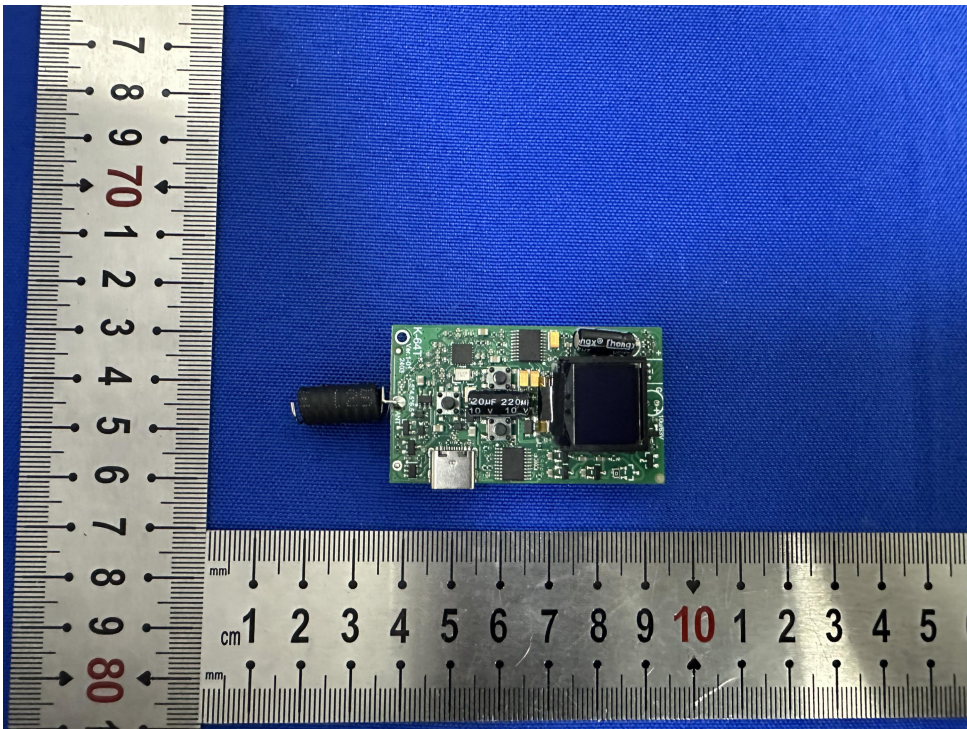
Product specification

Quick Reference Data

Antenna type	Spring Antenna
Frequenc Range	560.5-589.5MHZ
Ant. Port Input Pwr. (dBm)	0
Tot. Rad. Pwr. (dBm)	-1.2 (Input pwr – loss pwr)
Peak EIRP(dBm)	0 dBi
Directivity (dBi)	1 (all direction antenna)
Efficiency (dB)	1.0%
Gain (dBi)	0 (Avg Gain XY-plane)
Maximum Power (dBm)	0 (XY-plane)
Minimum Power (dBm)	0(XY-plane)
Avg. Power (dBm)	0(XY-plane)
Input Impendence(ohm)	50
Polarization Type	Vertical & Horizontal
V.S.W.R	<6

All the technical data and information contained herein are subject to change without prior notice.

Antenna Photos



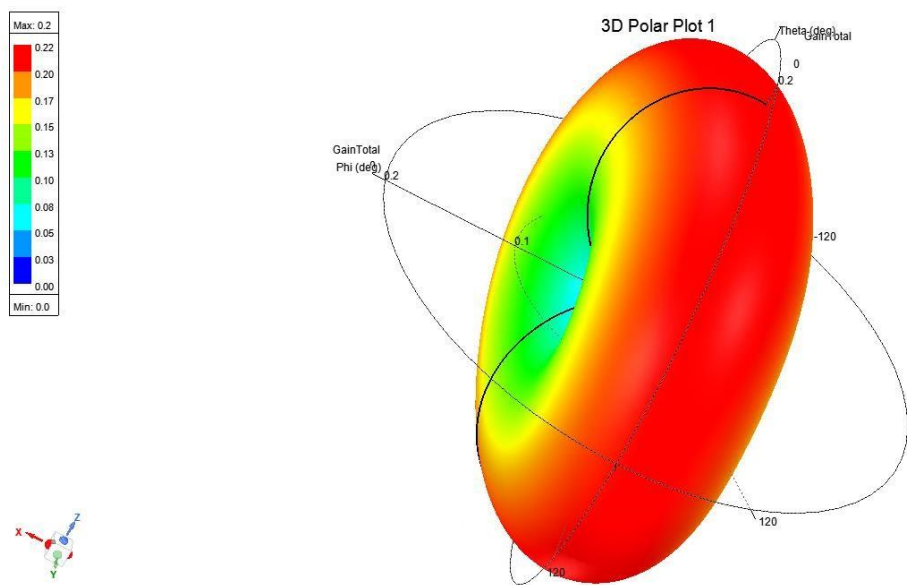
Antenna Gain

Unit in dBi @574.5MHZ	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	Avg.	Peak	Avg.	Peak	Avg.	
Module Board	0	0	0	0	0	0	0

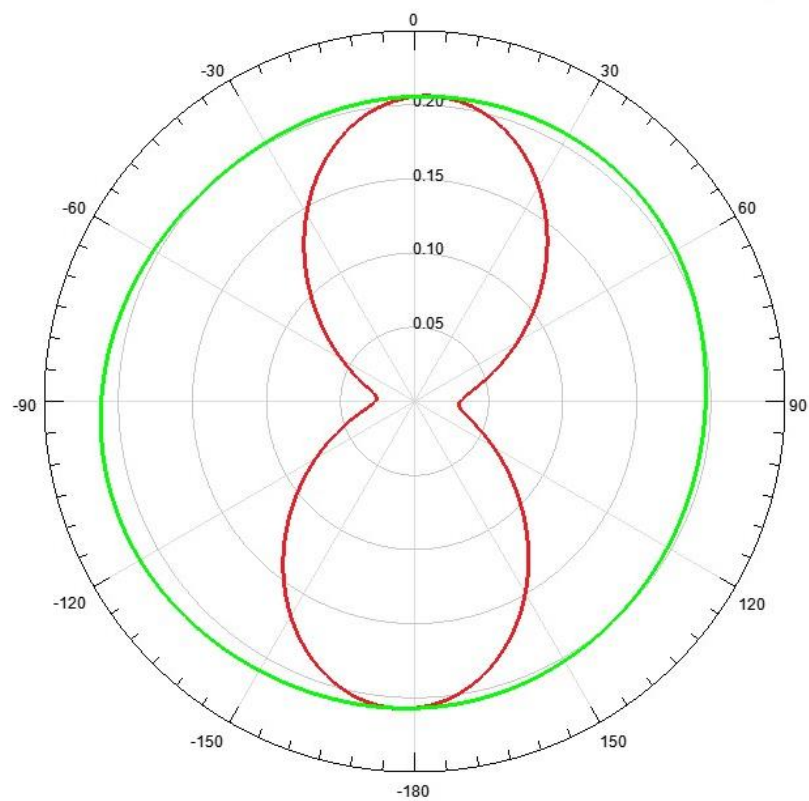
Return Loss

VSWR

3D radiation pattern diagram



2D radiation pattern diagram



Return Loss -TEST

560.5MHZ: -9.1777dB;

574.5MHZ: -15.854dB;

589.5MHZ: -10.934dB。

VSWR-TEST

560.5MHZ: 2.0647;

574.5MHZ: 1.3791;

589.5MHZ: 1.8027。

Impendence

560.5MHZ: 41.834Ω , -32.899Ω 2.0162pF ;

574.5MHZ: 36.292Ω , -1.0842Ω 59.915pF ;

589.5MHZ: 50.699Ω , 30.091Ω 1.9157nH 。