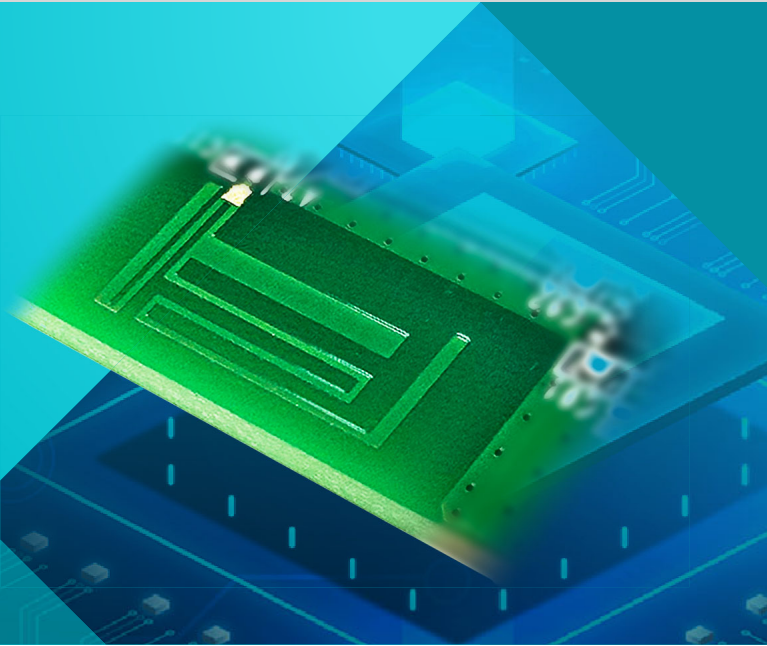


DATASHEET

2.4G WiFi PCB antenna
ANT24002401

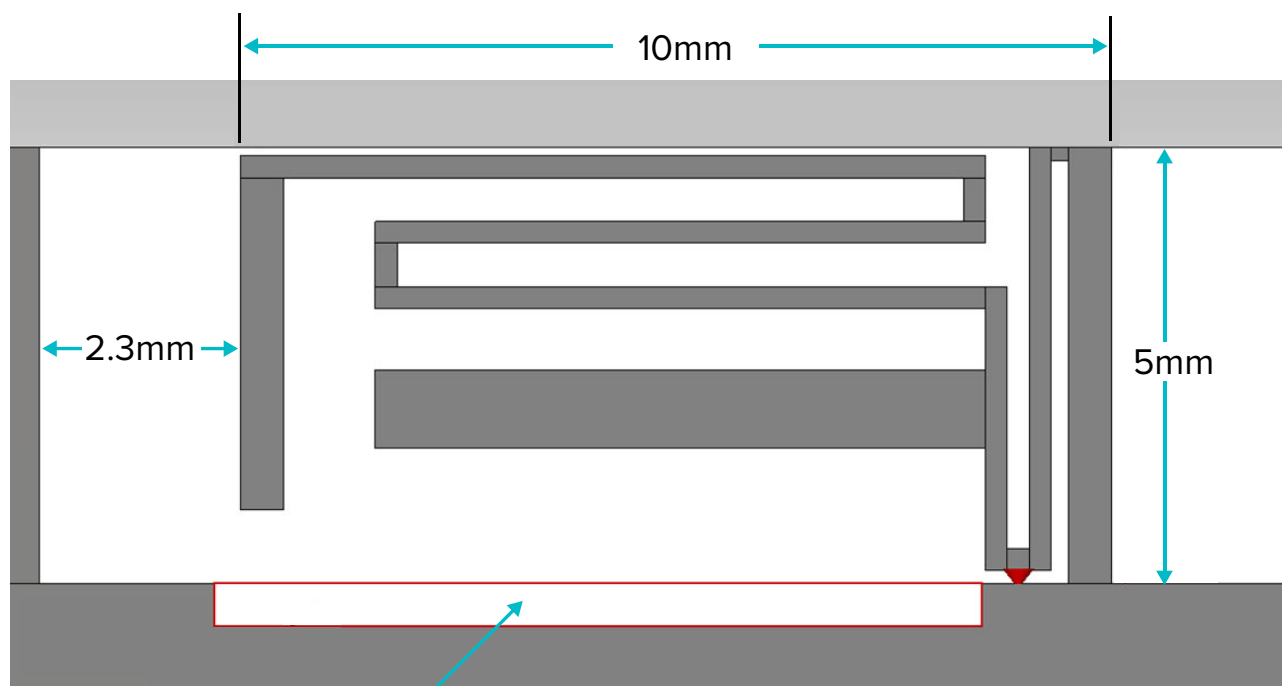
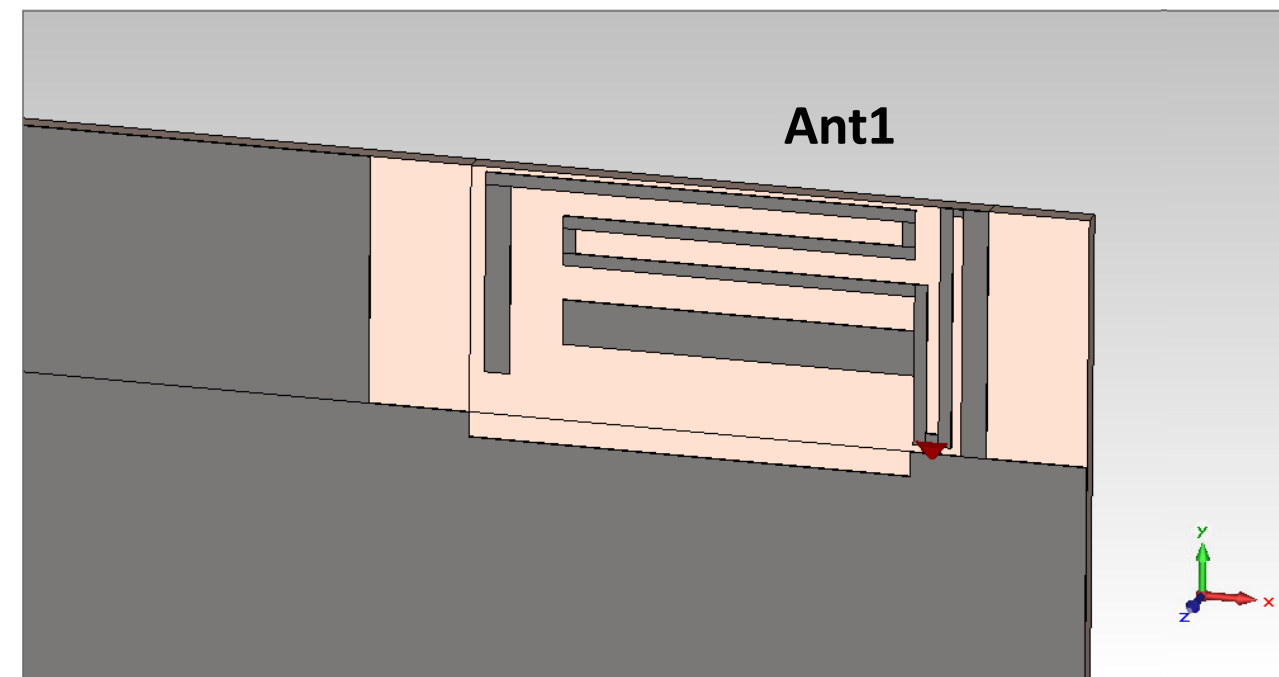


Electrical Data

Frequency	2400~2500 MHz
Gain	1.2dBi
VSWR	≤2.0
Polarization	Vertical
Impedance	50Ω
Temperature	-55° to +60° C (-67° to +140° F)
Material	PCB
Max power	20W

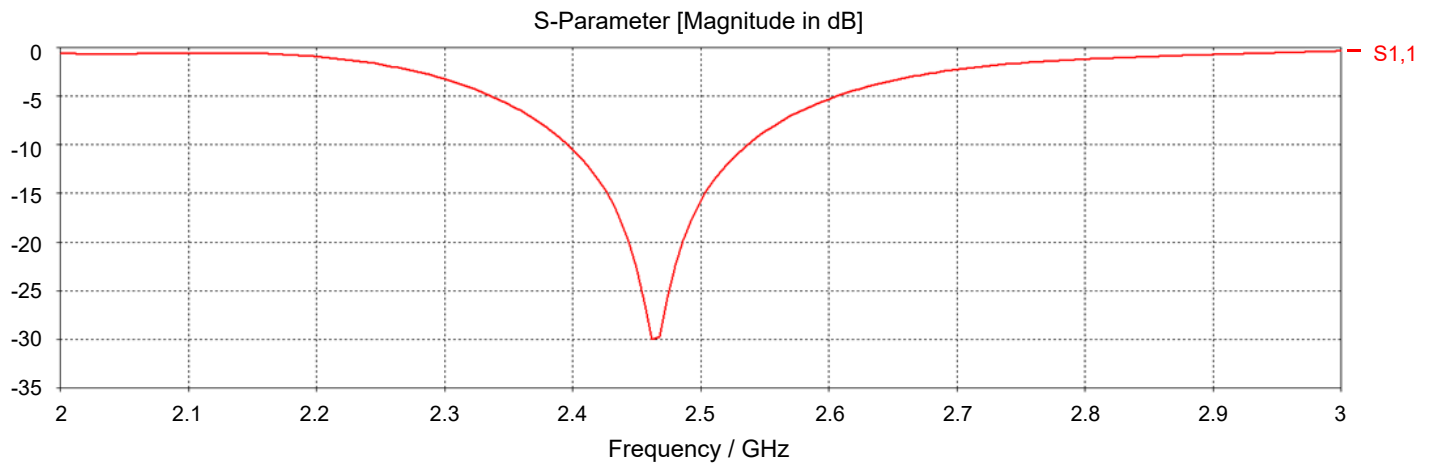


Antenna Design



8x0.5mm Clearance area

S-parameter



Frequency (MHz)	3D			V+H Avg. Gain			V+H Peak Gain		
	Efficiency	Avg. Gain	Peak Gain	XY-plane	YZ-plane	ZX-plane	XY-plane	YZ-plane	ZX-plane
2400.00	52.80	-2.17	1.11	-2.90	-2.92	-2.42	0.14	0.07	-0.07
2450.00	54.39	-2.05	1.39	-3.10	-3.17	-2.21	0.08	0.00	0.03
2500.00	51.18	-2.31	1.09	-3.20	-3.24	-1.96	-0.2	-0.05	0.08
Average	52.79	-2.18	1.20						

