

SPECIFICATION FOR APPROVAL

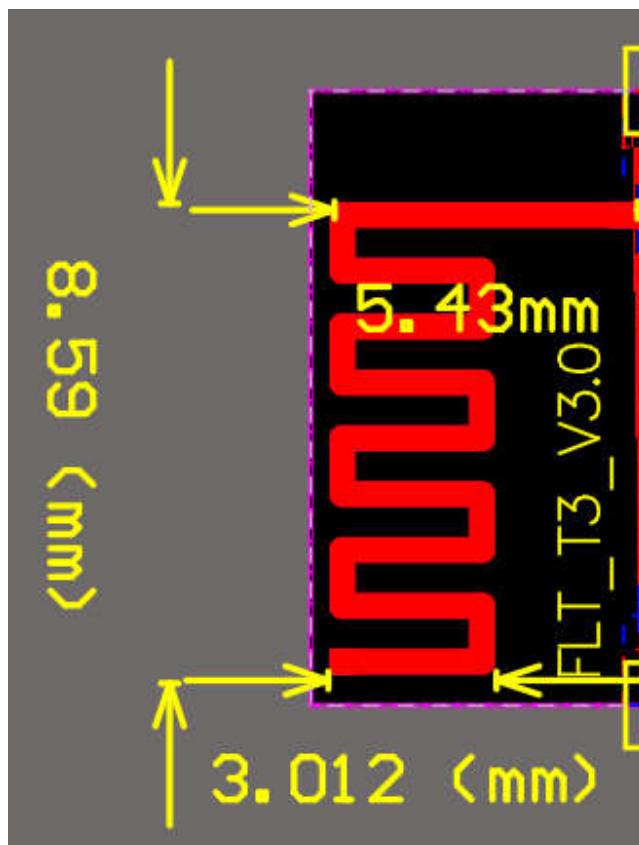
CUS PART NO: PCB Antenna

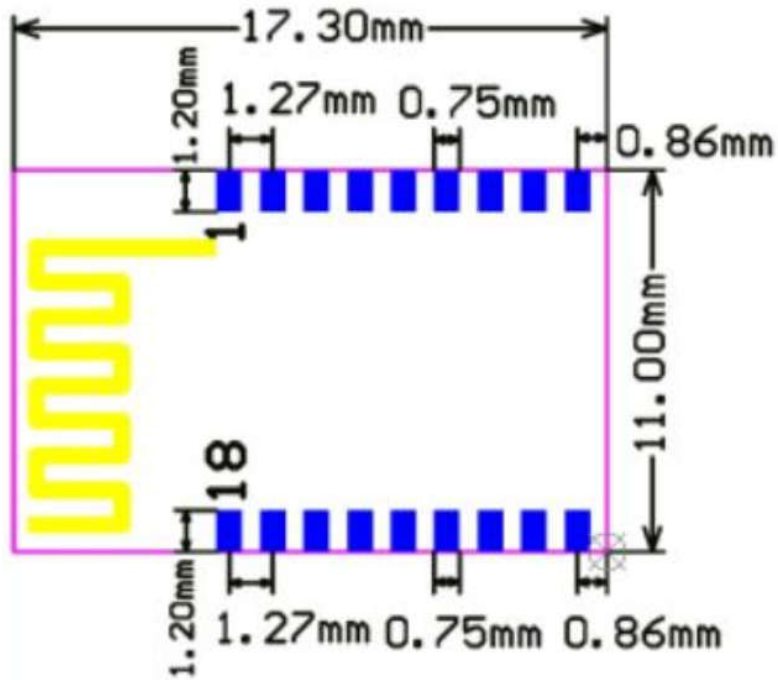
PART NAME: PCB Antenna

1.Performance parameter

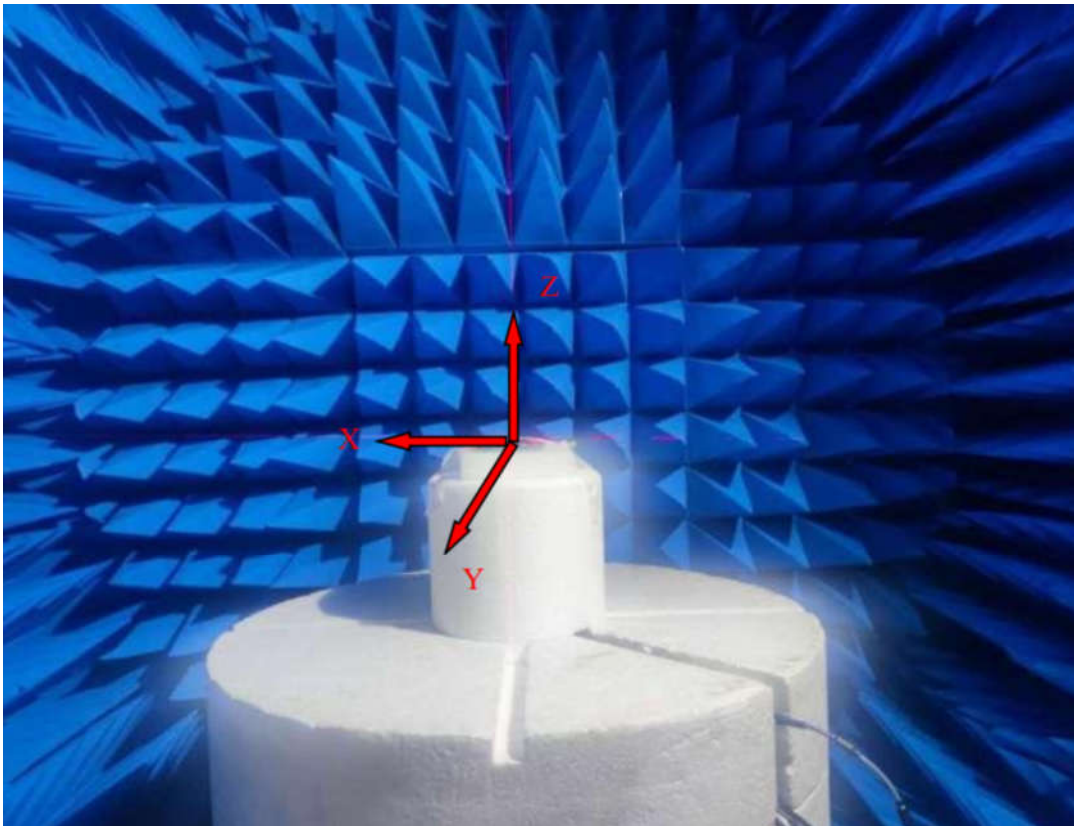
Name	PCB Antenna
Model Type	PCB Antenna
Frenquency Range	2400-2500 MHz
Impedance	50 Ω
Antenna Type	onboard antenna
VSWR	< 3.2
Max Gain	2.499 dBi
Manufacture	LinkedSemi
Address	Room 102, Building 5,Torch & Lotus Technology Park, Lane 60, Naxian Road, Pudong, Shanghai

2.Appearance





3.EUT setup photo of free space OTA testing



4.VSWR parameters

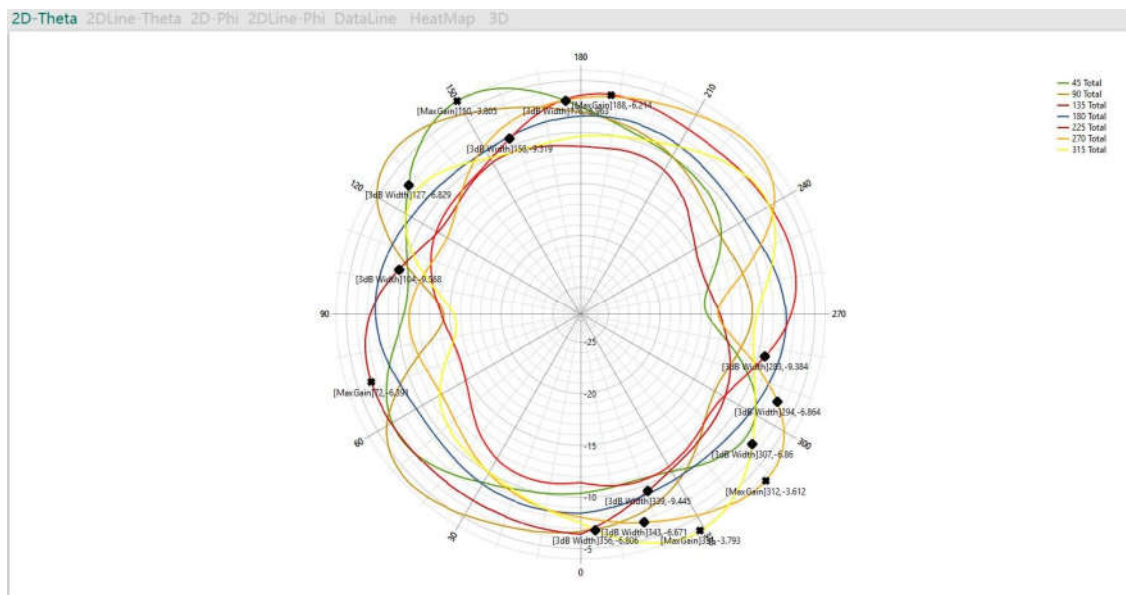


5.Passive test data:

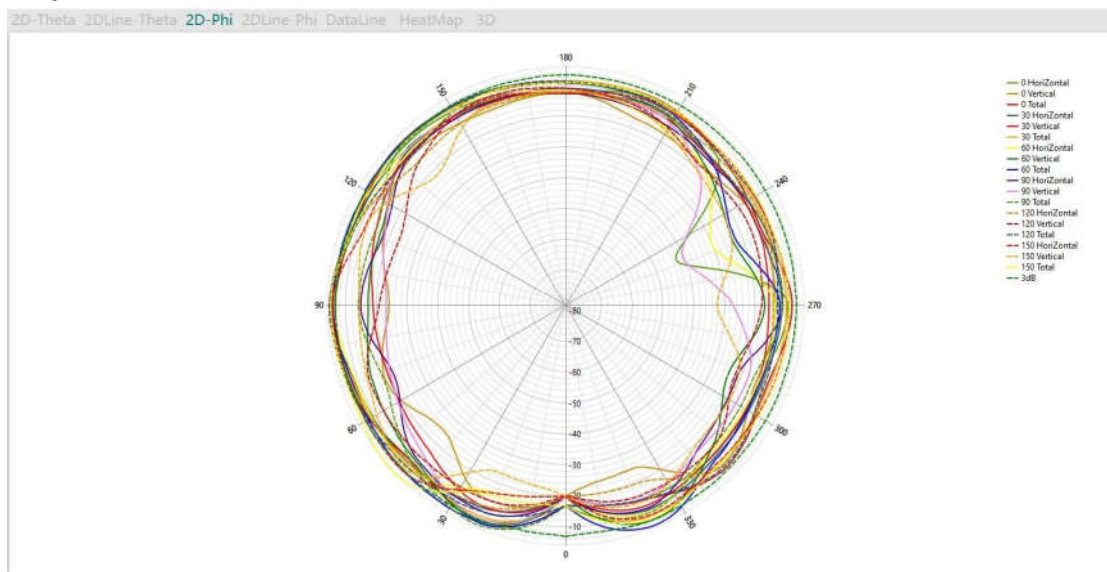
Frequency (MHz)	Gain (dBi)	Efficiency (%)	AverageGain (dBi)	Efficiency (dB)
2400	1.433	59.329%	-2.717	-2.267
2410	0.927	51.861%	-3.416	-2.852
2420	0.829	52.112%	-3.166	-2.831
2430	0.881	49.299%	-3.258	-3.072
2440	1.192	50.672%	-3.144	-2.952
2450	1.688	53.067%	-2.735	-2.752
2460	2.194	59.423%	-2.276	-2.260
2470	2.118	56.680%	-2.438	-2.466
2480	2.499	61.727%	-2.112	-2.095
Average	1.529	54.908%	-2.806	-2.616
Peak	2.499	61.727%	-2.112	-2.095

6.Radiation pattern

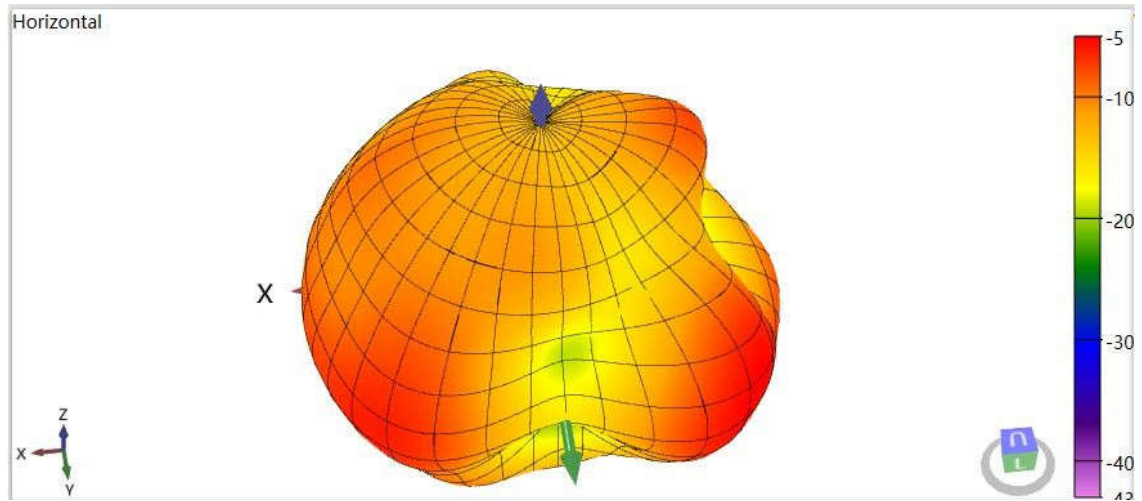
2440MHz 2D-Theta Pattern



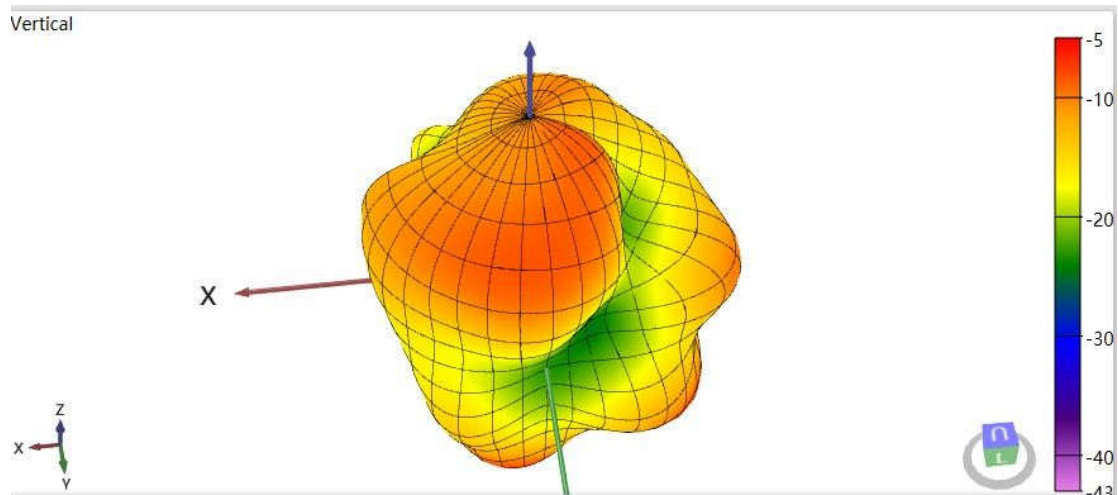
2440MHz 2D-Phi Pattern



2440MHz 3D-Horizontal Pattern



2440MHz 3D-Vertical Pattern



2440MHz 3D-Total Pattern

