

BKSG 2-MINI PCB Board-Mount Antenna Specifications

Manufacturer:Shenzhen Xinzhongxin Technology Co., Ltd

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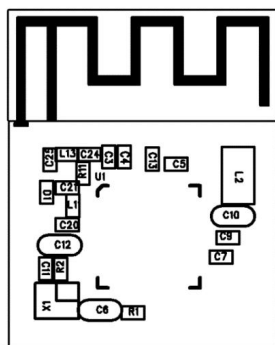
Model: 1

TYPE:PCB Antenna

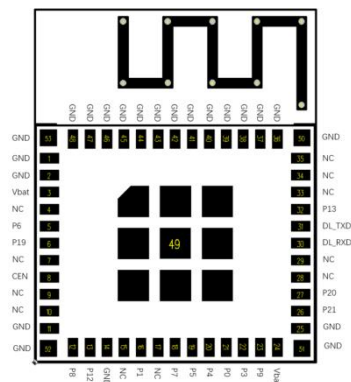
MAX Antenna Gain:-0.71dBi

— . Antenna dimensions and specifications:

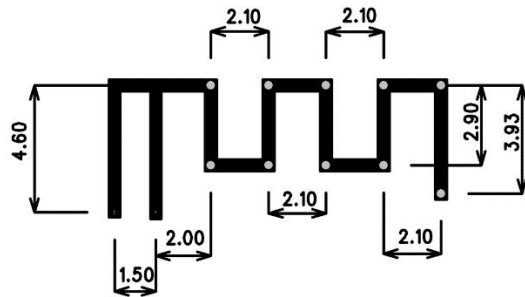
1. Top view of the antenna:



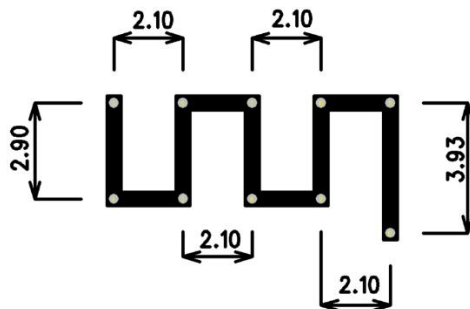
2. Perspective view of the bottom layer of the antenna:



3. Antenna body size (top layer part, unit = mm):



4. Antenna body size (Bottom layer part, unit = mm):



5. PCB board thickness:

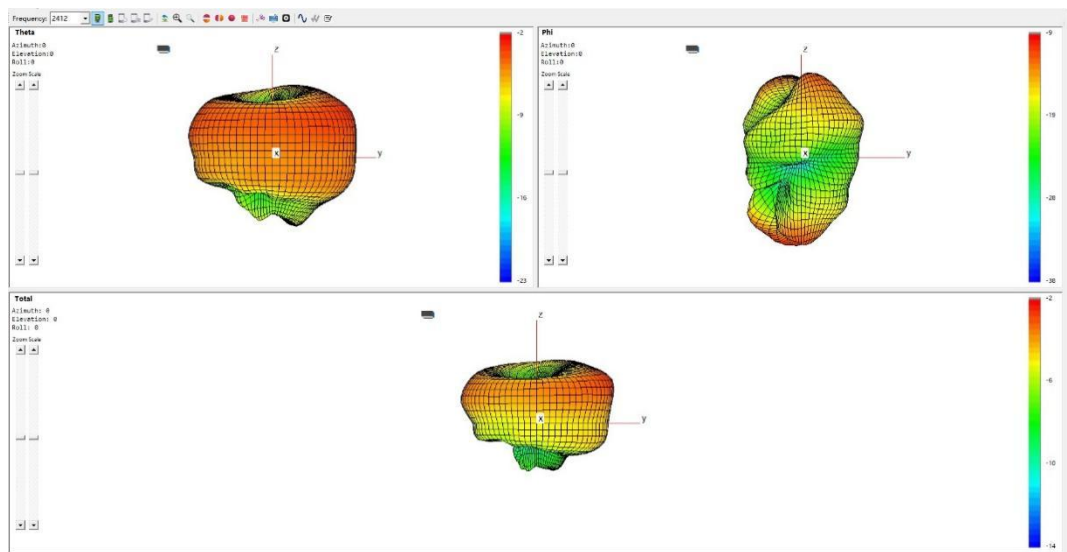
The thickness of the PCB board (the hole size from the top layer of the antenna to the bottom layer) = 0.8mm

三, average gain and efficiency of each channel:

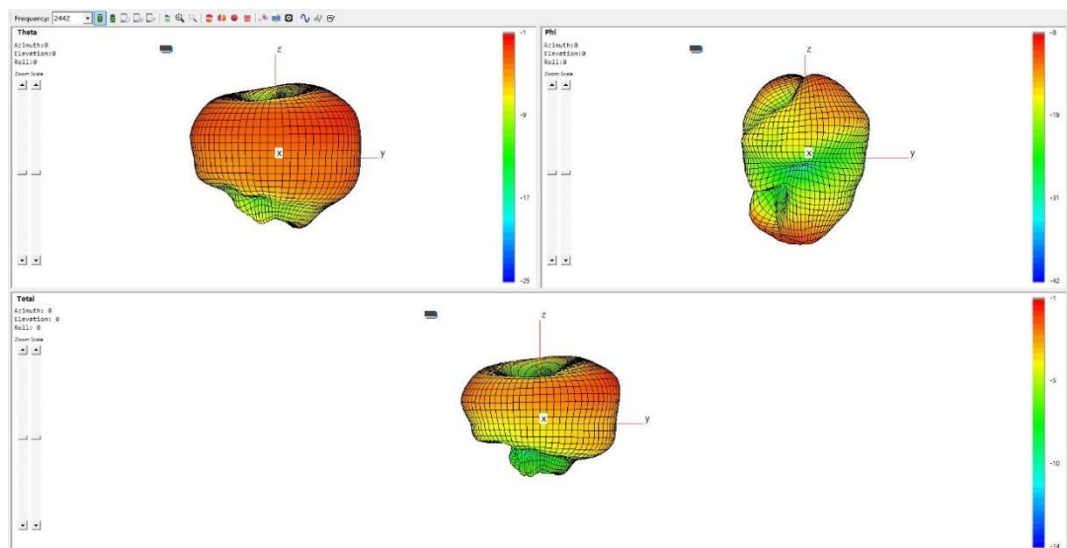
Frequency: 2412																			
TestItem	Pas_Log	TestSyst	Passive	StartTime	10:54:20	EndTime	10:59:11	TotalTime	00:04:51	CreateTL	2024/9...	Polariza...	Linear						
Model	1	TestBand		Equipm...		IMEI		Unit	dB	File Type	raw								
Memo		Product...	RayZon...	0 Polar	H														
chNo	Freq	TRP	PeakERP	MinERP	BoreSig	BoreSig	NHPRP ...	NHPRP ...	UHRP	LHRP	ERP_X	Polariza...	Theta_X	Phi_X	ThetaM...	PhiMax	ThetaMin	PhiMin	Directiv...
1	2412	-5.3298...	-2.2192...	-13.490...	60	165	-7.7070...	-6.3327...	-7.1965...	-9.8969...	-2.2387...	Theta	60	165	-2.2387...	-9.3527...	-22.423...	-37.841...	3.11059...
2	2442	-4.2057...	-1.2606...	-13.790...	60	165	-6.5577...	-5.2044...	-6.1256...	-8.6755...	-1.2716...	Theta	60	165	-1.2716...	-8.0105...	-24.842...	-41.611...	2.94514...
3	2472	-3.6101...	-0.7124...	-14.096...	60	180	-5.9702...	-4.6052...	-5.5593...	-8.0276...	-0.7141...	Theta	60	180	-0.7141...	-7.2164...	-25.829...	-49.137...	2.89777...

四, Directional radiation map:

1, channel=2412Mhz:



2, channel=2442Mhz:



3, channel=2472Mhz:

