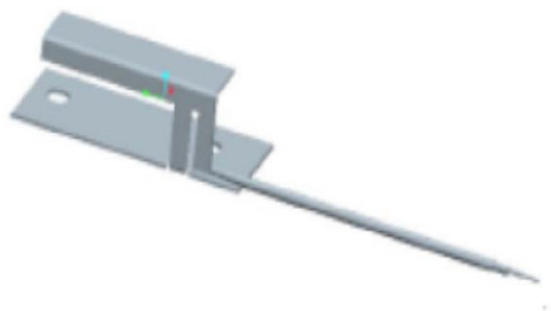


2.4 GHz WIFI Sheet Metal Antenna

Pulse Part Number CSZ0401C



Electrical Specification

Frequency Range[MHz]	2400-2500
Impedance[Ω]	50
VSWR	2.0 Max

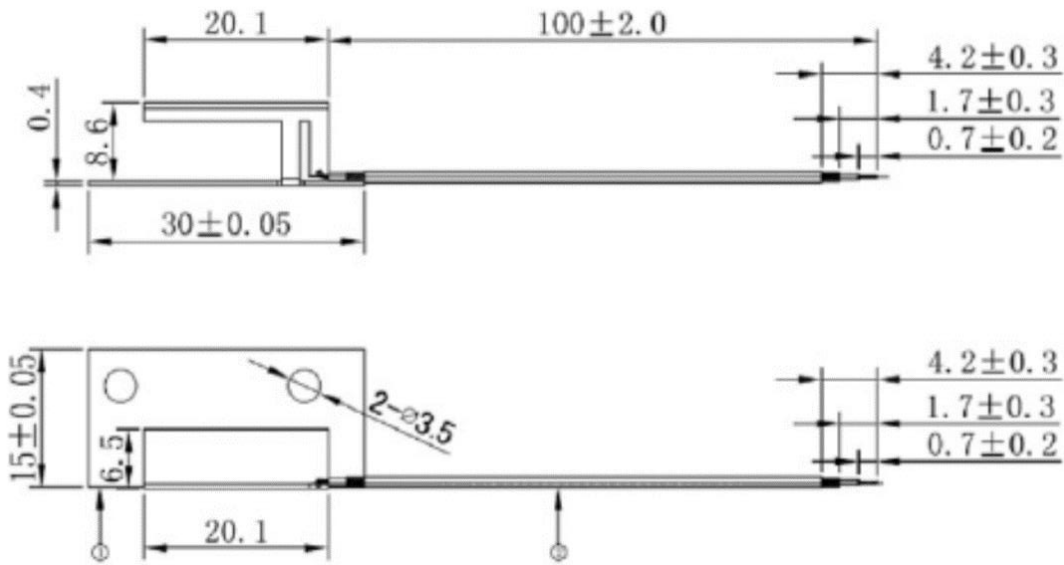
Physical Specification

Cable	RF 1.13 gray
PIFA	0.4mm white copper
Operating Temperature[° C]	-20 to +65
Storage Temperature[° C]	-30 to +75

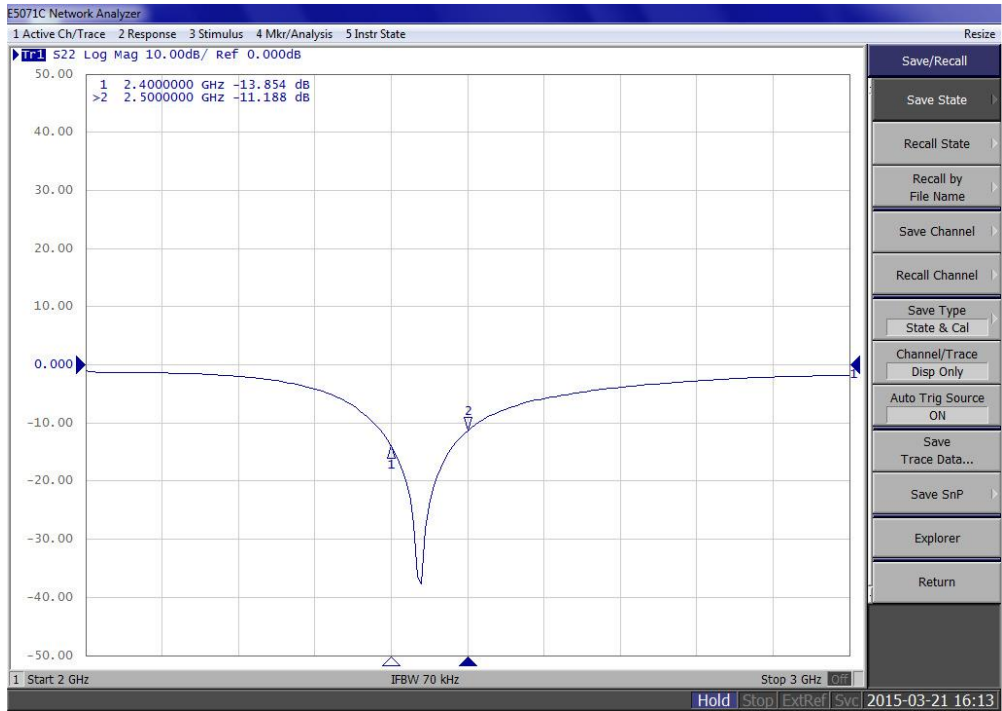
2.4 GHz WIFI Sheet Metal Antenna

Pulse Part Number CSZ0401C

Mechanical Drawing



Return Loss



2.4 GHz WIFI Sheet Metal Antenna

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Passive Efficiency

Total	Point Values	Ant. Port Input Pwr. (dBm)	Tot. Rad. Pwr. (dBm)	Peak EIRP (dBm)	Directivity (dBi)	Efficiency (dB)	Efficiency (%)	Gain (dBi)
	Frequency (MHz)							
	2400	0	-3.60459	0.814567	4.41915	-3.60459	43.6055	0.814567
	2410	0	-3.29401	1.28099	4.575	-3.29401	46.8381	1.28099
	2420	0	-2.98298	1.67364	4.65662	-2.98298	50.3155	1.67364
	2430	0	-2.69588	1.79161	4.48749	-2.69588	53.7542	1.79161
	2440	0	-2.48799	2.17544	4.66343	-2.48799	56.3899	2.17544
	2450	0	-2.32781	2.44607	4.77388	-2.32781	58.5085	2.44607
	2460	0	-2.13487	2.68163	4.8165	-2.13487	61.1665	2.68163
	2470	0	-1.99896	2.77621	4.77517	-1.99896	63.1108	2.77621
	2480	0	-1.88443	2.93679	4.82122	-1.88443	64.7973	2.93679
	2490	0	-1.77502	2.86978	4.6448	-1.77502	66.4504	2.86978
	2500	0	-1.84399	2.73883	4.58282	-1.84399	65.4036	2.73883

Free Space Radiation Patterns

