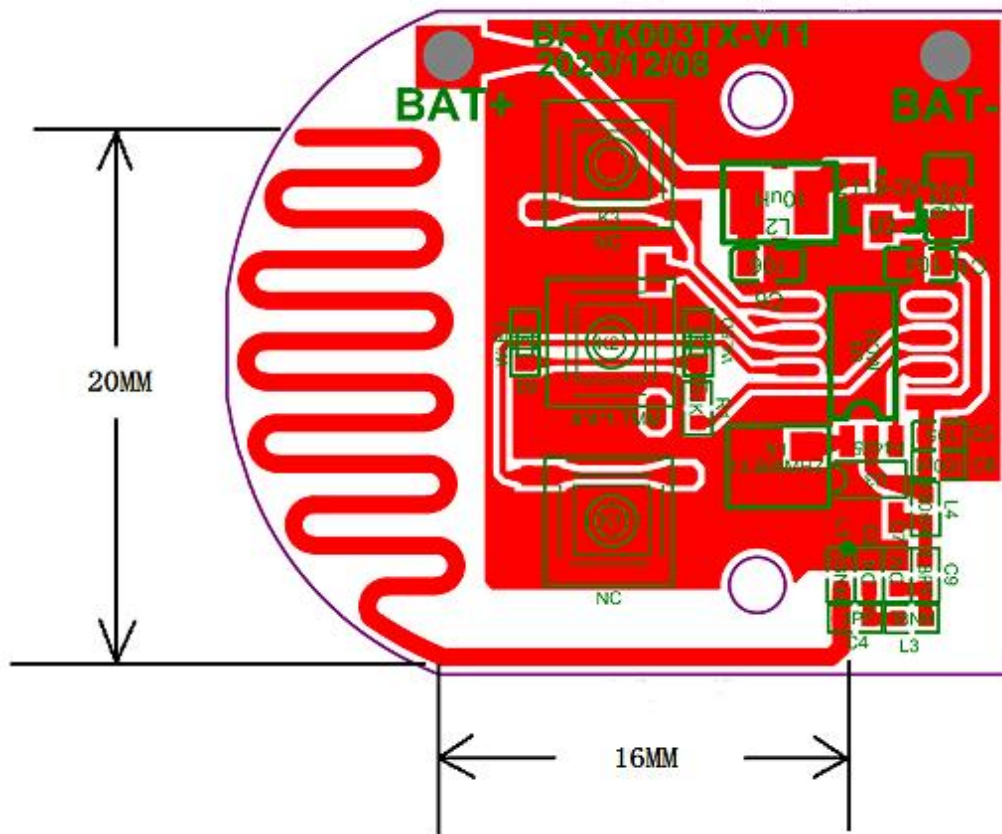


Antenna Information

Item	Contents
Model name:	MBECFOB2505
Antenna Type:	PCB Pattern Antenna
Antenna peak gain:	433.92 Miz: -21.39 dBi
Manufacturer/Model name:	MOBASE ELECTRONICS CO., LTD.
Address of manufacturer:	100, Saneop-ro 156beon-gil, Gwonseon-gu, Suwon-si, Gyeonggi-do, South Korea, 16648
Test Laboratory:	EMTI
Antenna Length:	36mm,
Antenna Width:	0.5mm
PCB Pattern Size:	20mm&16mm



Summary

Row	Freq	Power	Eff (%)	Peak [dB]	Avg [dB]	φ [deg]	h [θ=90]	Peak [dB]	Avg [dB]	φ [deg]	h [θ=90]
1	433.020	0.41		-23.88	-21.39	300.00	185.00	-22.30	-21.40	85.00	91.24

Multiple Frequency

E1 (φ=0)		E2 (φ=90)	
Avg [dB]	Peak [dB]	Avg [dB]	Peak [dB]
-22.23	-21.40	-24.94	-21.56

Multiple Cut

E1 (φ=0)		E2 (φ=90)	
Avg [dB]	Peak [dB]	Avg [dB]	Peak [dB]
-22.23	-21.40	-24.94	-21.56

3D-View

E1 (φ=0)		E2 (φ=90)	
Avg [dB]	Peak [dB]	Avg [dB]	Peak [dB]
-22.23	-21.40	-24.94	-21.56

Plot Data

Data Type : Amplitude

Polarization : Power Sum

Freq. 433.020

Param. BW(dB) : -13
F/B(deg) : ±30

Apply

Graph Option

Style Mark
☒ Beam Peak
☐ Beam Width
☐ Beam Angular

Zoom H-Cut E1-Cut E2-Cut

Scale Max : 0 Min : -40
Apply

H-Cut (θ=90)

E1-Cut (φ=0)

E2-Cut (φ=90)