

SPECIFICATION FOR APPROVAL

CUS PART NO: PE5100-C

PART NAME: Rechargeable Transmitter

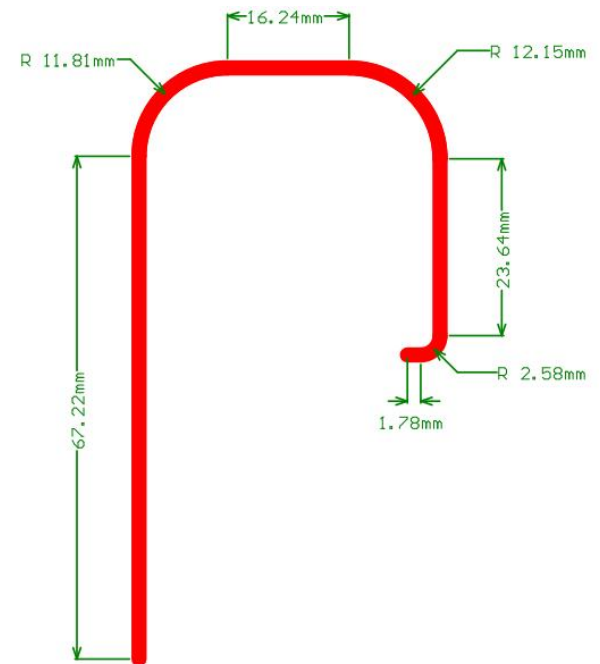
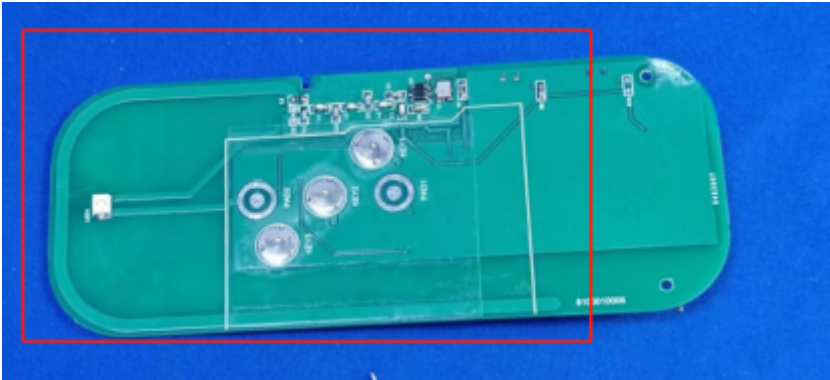
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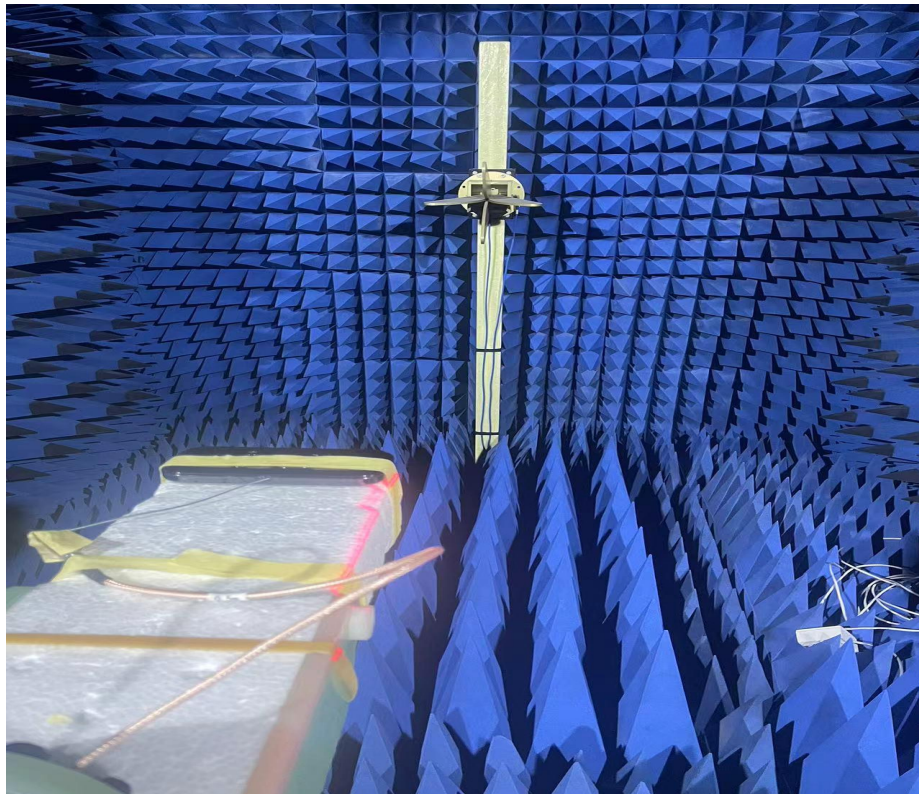
1. Performance parameter

Name	Rechargeable Transmitter
Model Type	PCB Antenna
Frenquency Range	433.92 MHz
SIZE	/
Impedance	50 Ω
VSWR	< 10.3
Max Gain	-9.87dBi
Manufacture	Zhejiang General Light Curtain Co.,Ltd
Address	Xin Tang Tou Village, Xin Jie Town, XiaoShan District, HangZhou City, China
Application	/

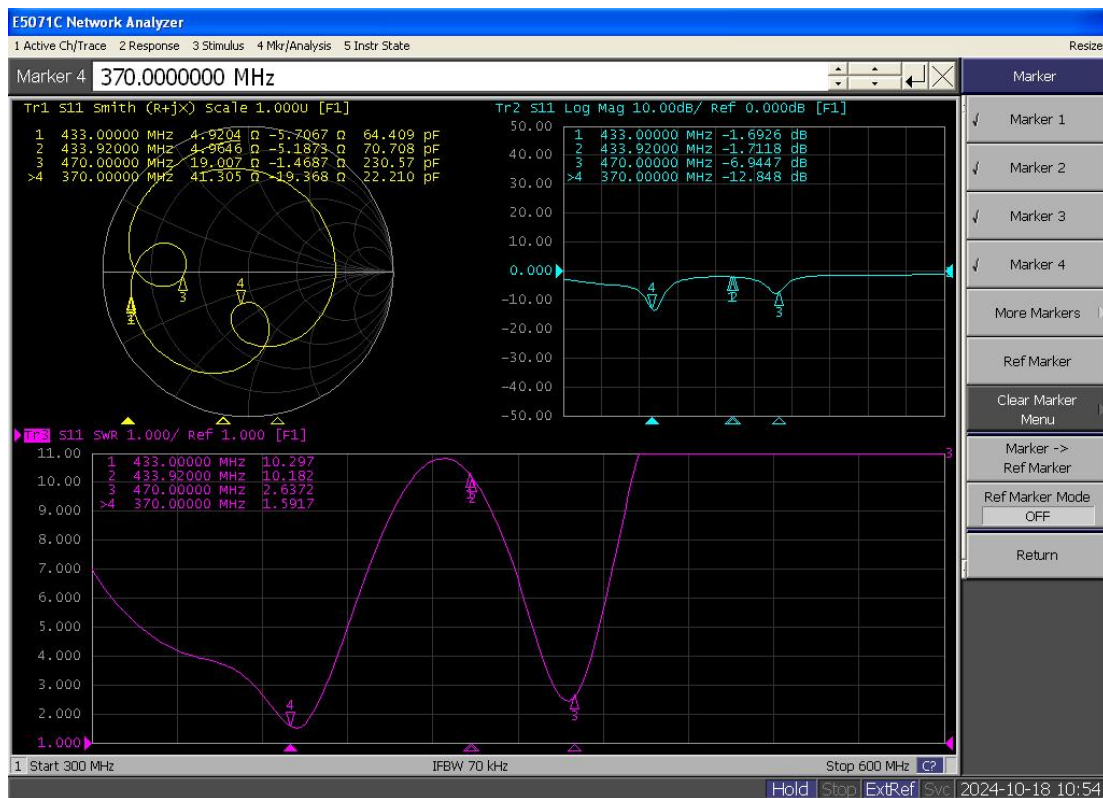
2.Appearance



3.EUT setup photo of free space OTA testing



4.VSWR parameters



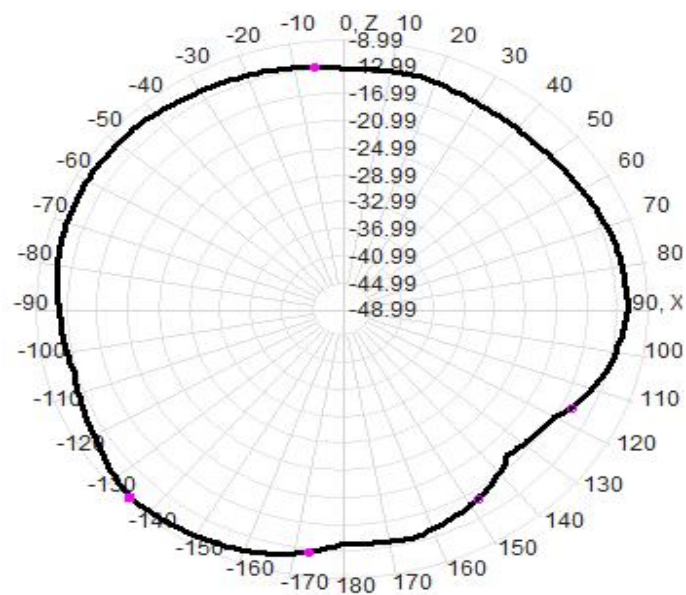
Frequency (MHz)	370	433	433.92	470
VSWR	1.59	10.30	10.18	2.64

5.Passive test data:

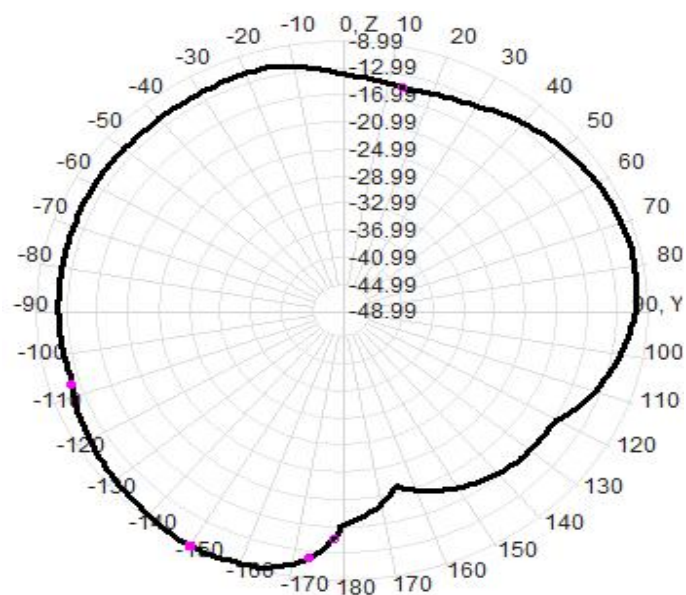
Frequency(MHz)	428	429	430	431	432	433	434	435	436	437	438
Gain(dBi)	-10.90	-10.64	-10.57	-10.31	-10.10	-9.87	-9.67	-9.43	-9.26	-9.04	-8.93
Efficiency(%)	3.24	3.43	3.64	3.86	4.11	4.38	4.66	4.95	5.28	5.66	6.02

6.Radiation pattern

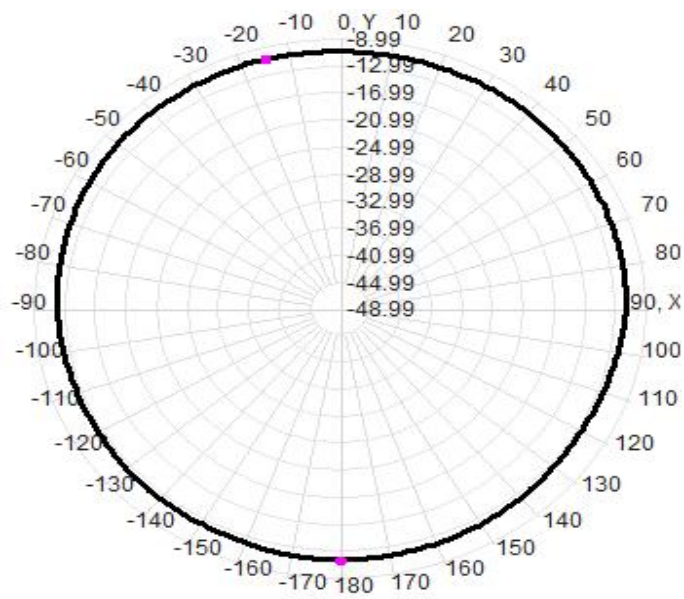
438.0MHz Total(E1-XZ), Max= -9.85dBi



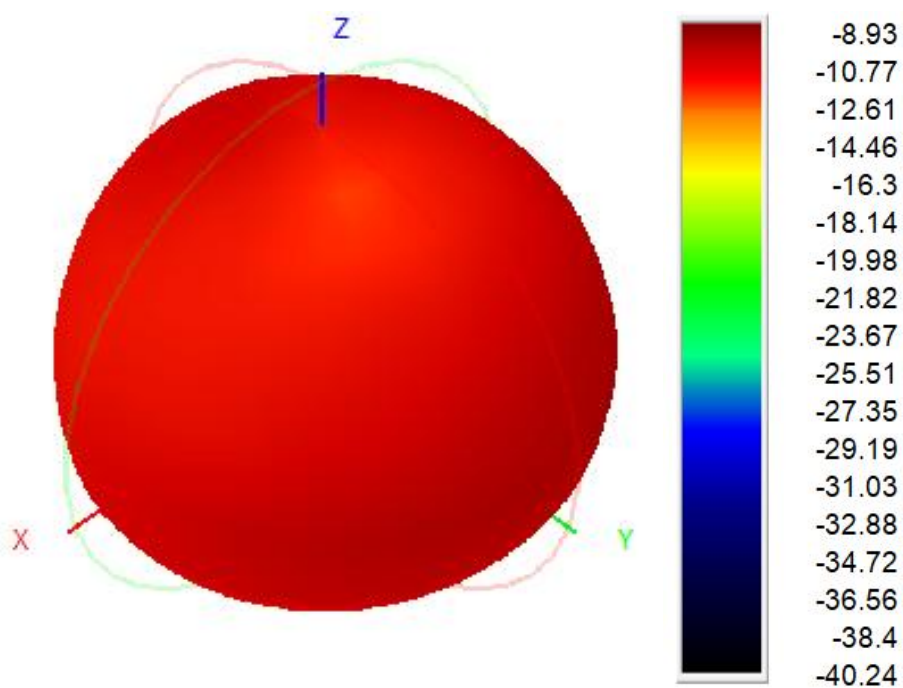
438.0MHz Total(E2-YZ), Max= -8.99dBi



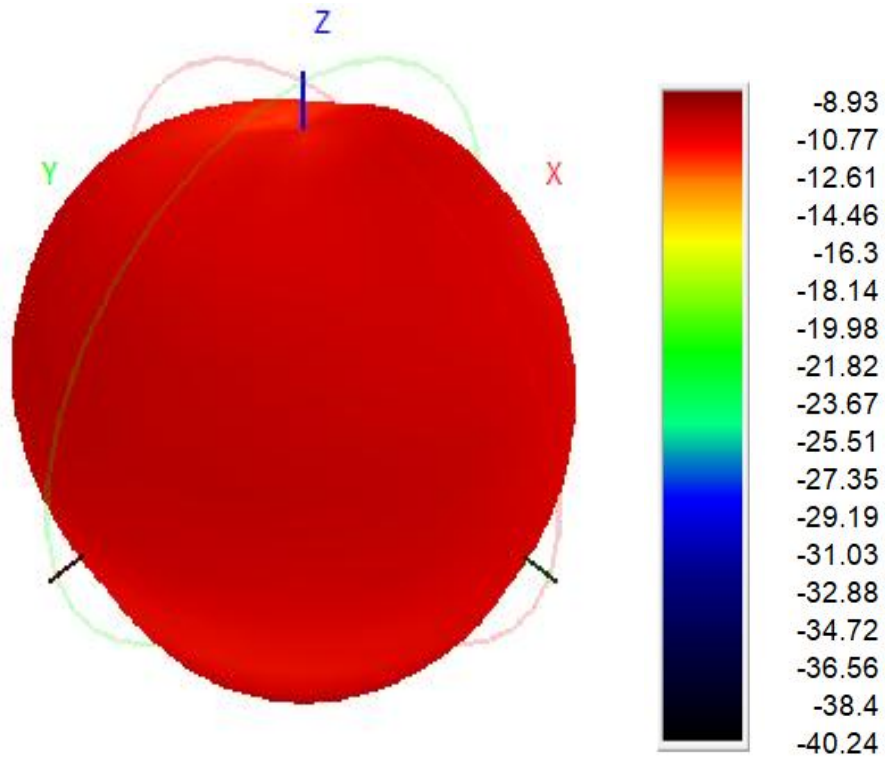
Total(H-XY), Max= -10.78dBi, CirD=2.14



438.0MHz H+V, Eff: 6.0%



Back View



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