

SPECIFICATION FOR APPROVAL

CUS PART NO: PE3015

PART NAME: Button Transmitter

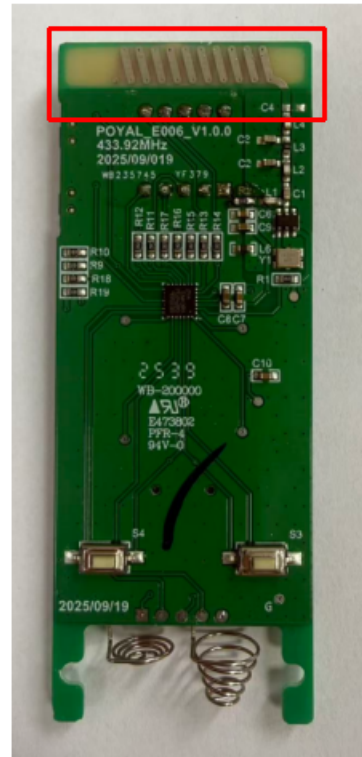
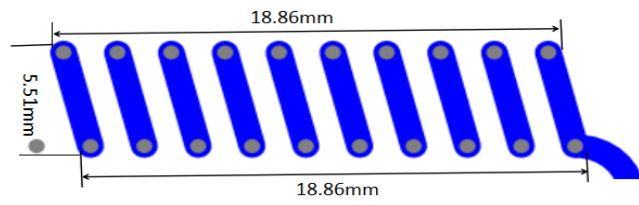
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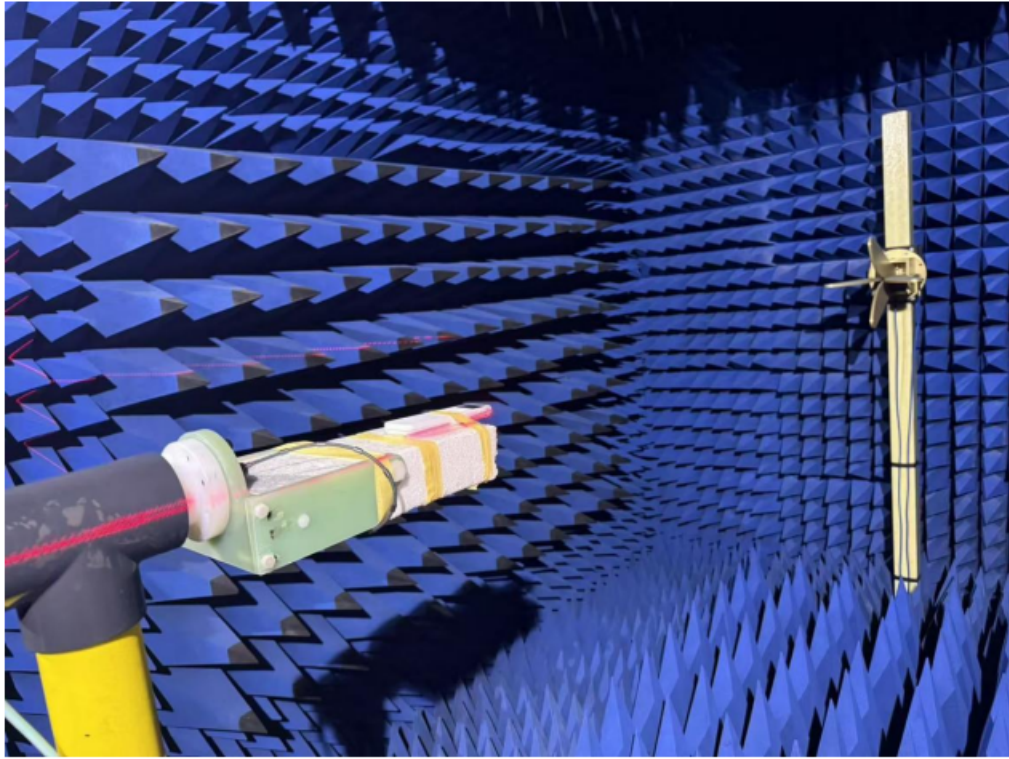
1. Performance parameter

Name	Button Transmitter
Model Type	PCB Antenna
Frenquency Range	433.92 MHz
SIZE	18.86mm*5.51mm
Impedance	50 Ω
VSWR	<5.68
Max Gain	-16.31 dBi
Manufacture	Zhejiang General Light Curtain Co.,Ltd
Address	Xin Tang Tou Village, Xin Jie Town, Xiao Shan District, Hangzhou City, Zhe Jiang Province, China
Application	/

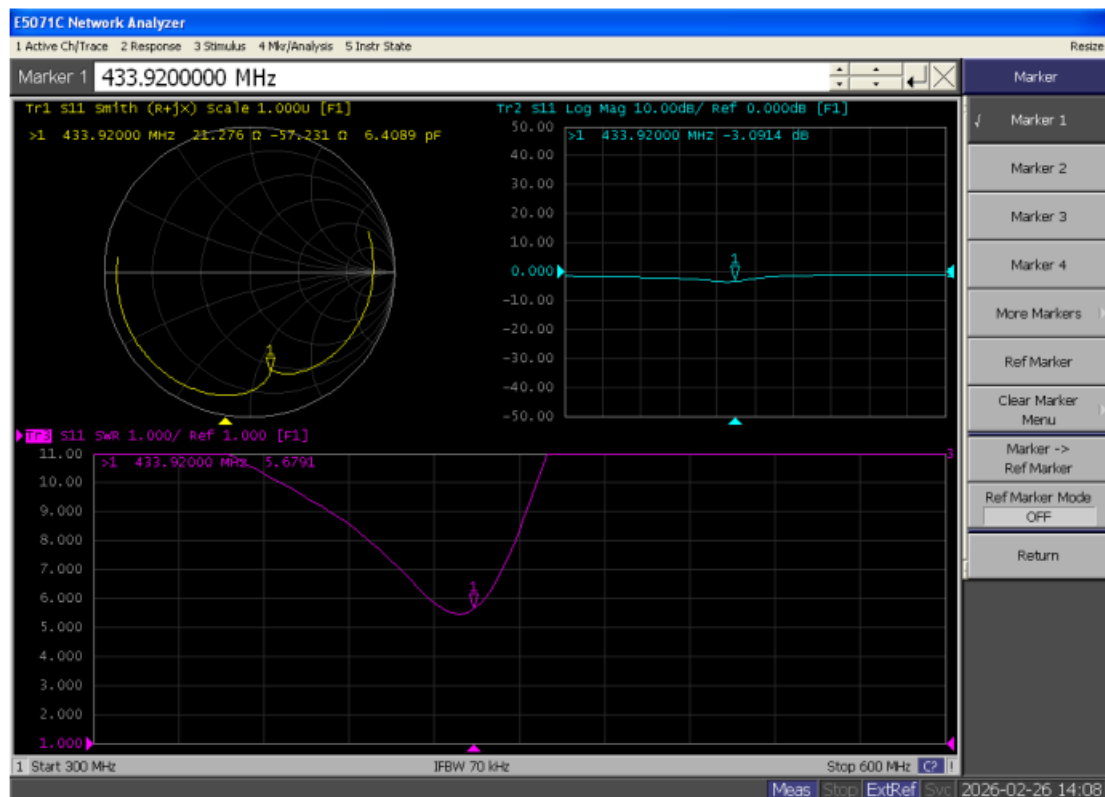
2.Appearance



3.EUT setup photo of free space OTA testing



4.VSWR parameters

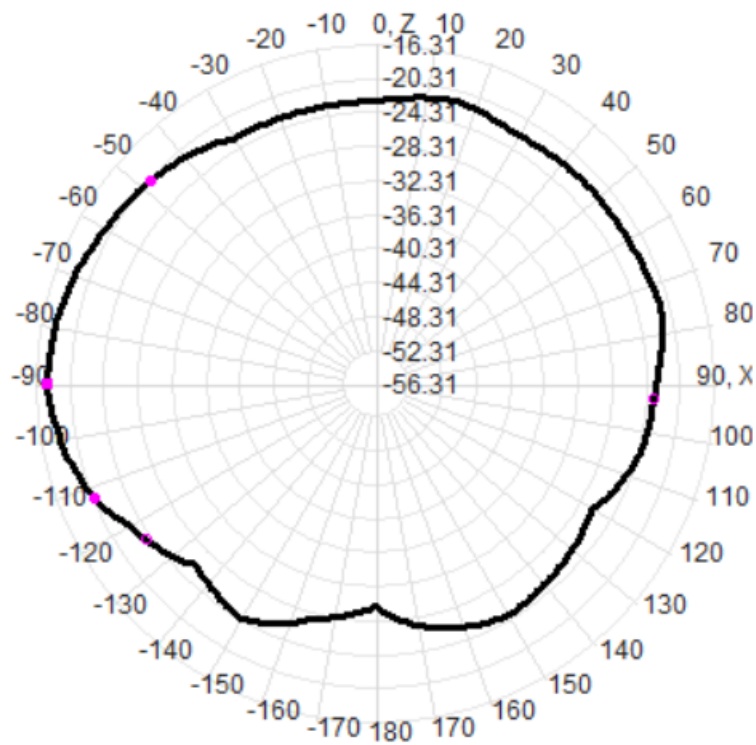


5.Passive test data:

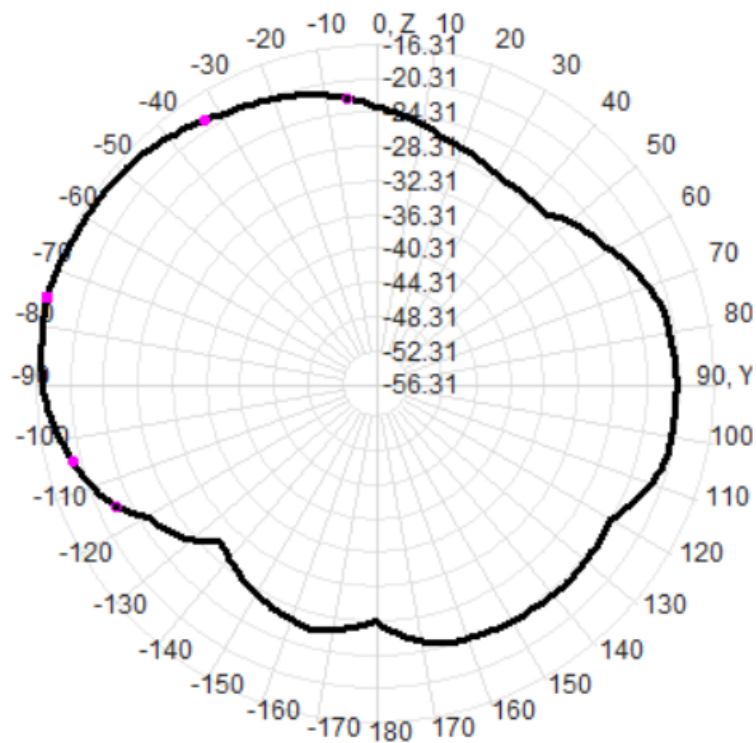
Frequency(MHz)	423.9	425.9	427.9	429.9	431.9	433.9	435.9	437.9	439.9	441.9	443.9
Gain(dBi)	-16.46	-16.61	-16.82	-16.73	-16.31	-16.60	-16.88	-17.07	-17.16	-17.28	-17.43
Efficiency(%)	0.69	0.72	0.74	0.78	0.77	0.75	0.74	0.70	0.64	0.63	0.59

6. Radiation pattern

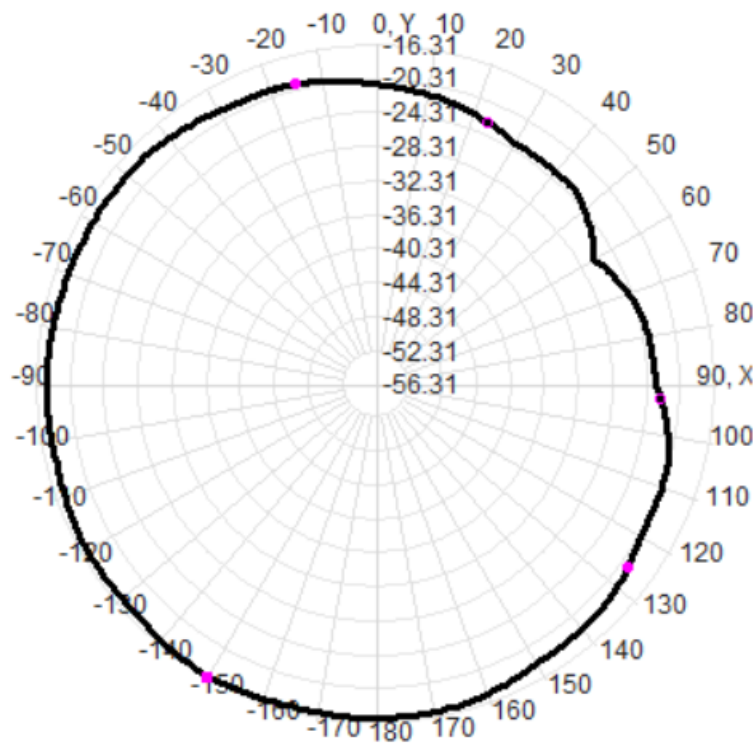
431.9MHz Total(E1-XZ), Max= -17.58dBi



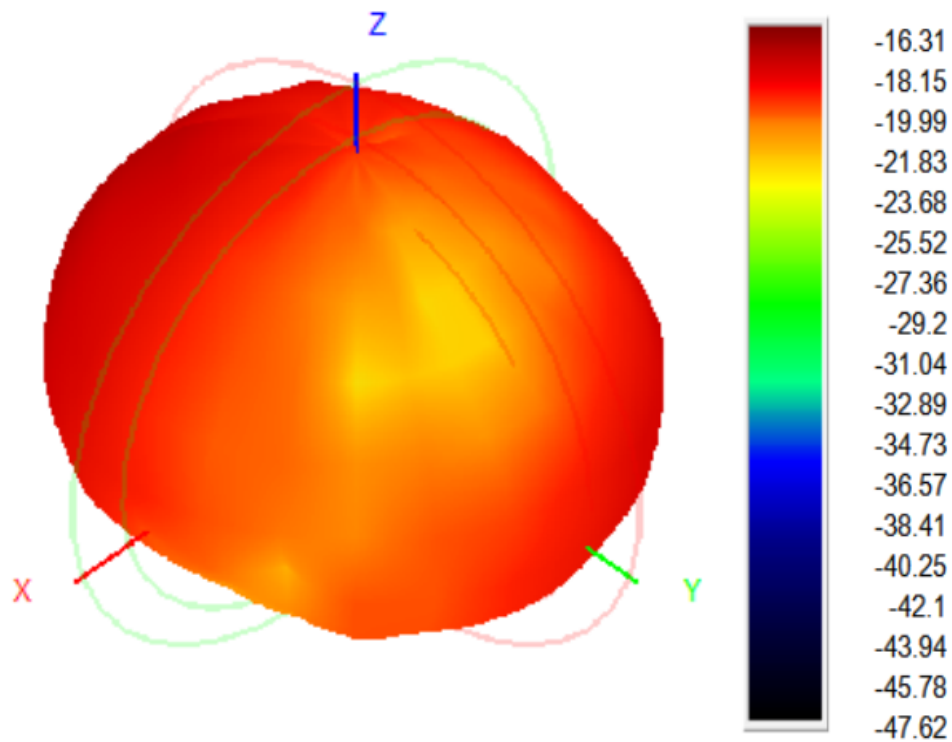
431.9MHz Total(E2-YZ), Max= -16.31dBi



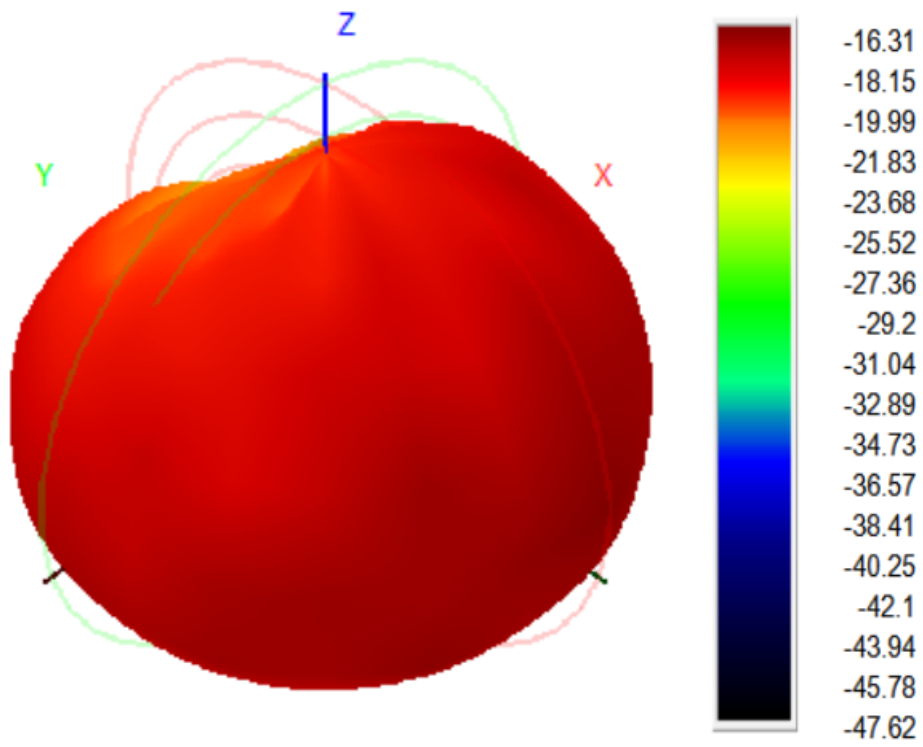
Total(H-XY), Max= -16.69dBi, CirD=10.14



431.9MHz H+V, Eff: 0.8%



Back View



-----End-----