

Part Approval Sheet

Version : V1.0

Customer:	
Project:	Bluetooth antenna
Part Name:	Conducting wire
Part Color:	Black
Part Number:	
Sample Delivery Date:	April 3, 2021
Sample Quantity:	
Sample type:	Built-in Bluetooth wire
Reason for Sample Delivery:	☐ New tooling ☐ New supplier ☐ Tooling change ☐ Engineering change ☐ Other:
Remark:	

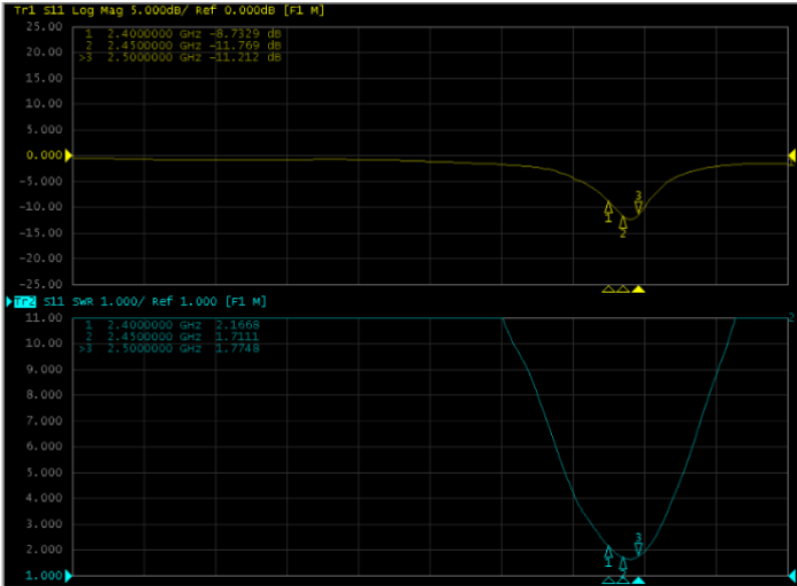
Graphic for reference

Name	ANTENNA
Model	
Frequency	2.4Ghz
Input impedance	50Ω
Allowed power	5mW
Working temp.	-25 ~ +65 ℃
Storage temp.	-40 ~ +85 ℃
Weight	0.25g
Antenna gain天线增益	2.21dBi

Antenna picture



Appendix B S11/VSWR

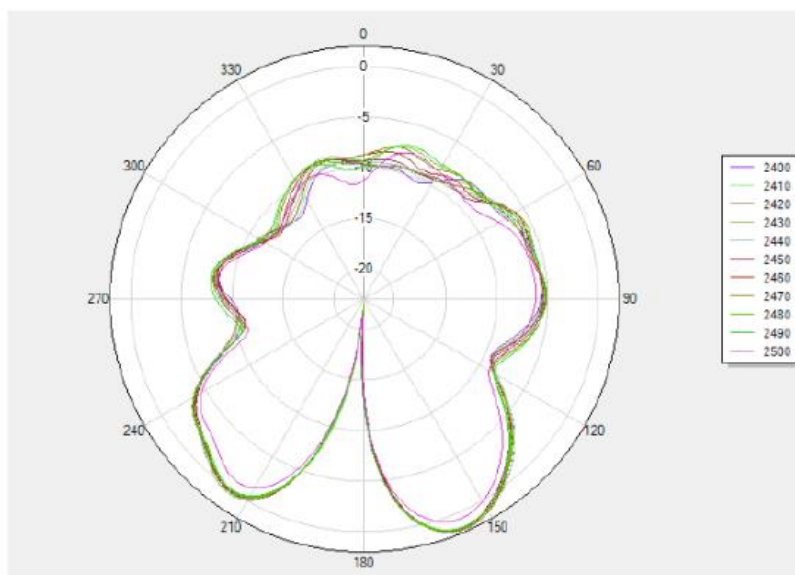
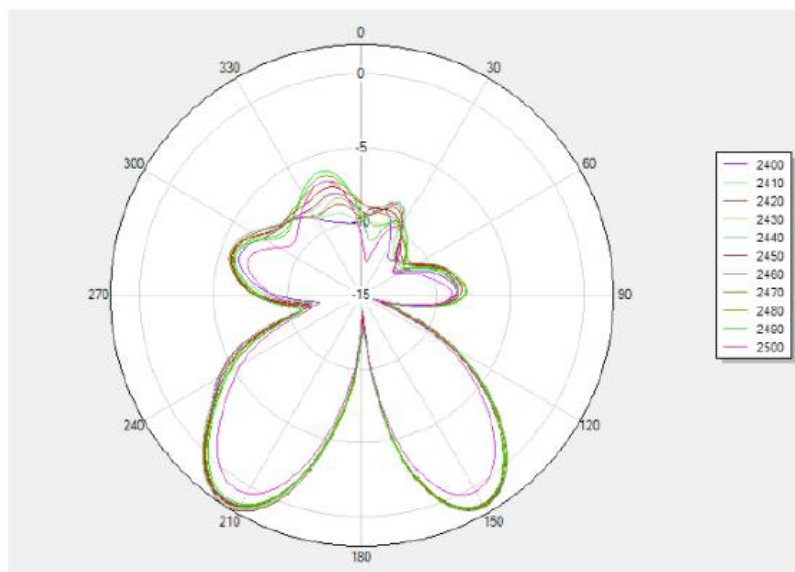


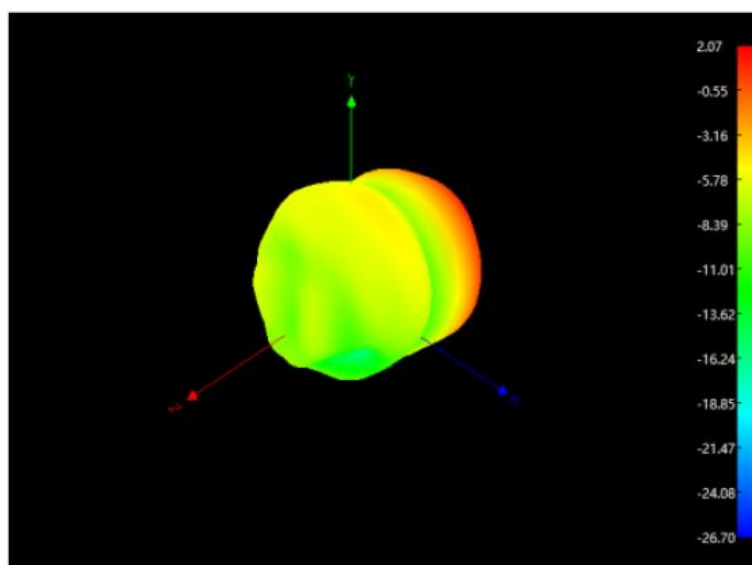
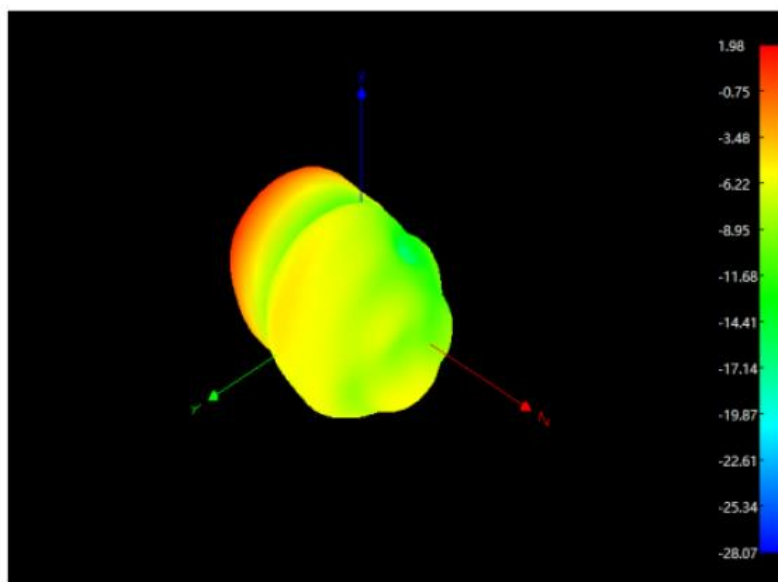
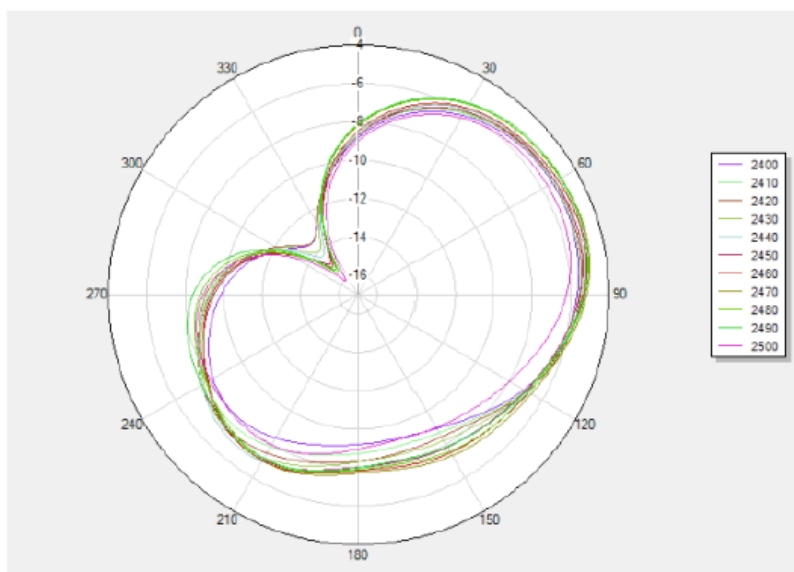
Frequency (MHz)	2400	2450	2500
Return Loss	-8.73	-11.76	-11.21
VSWR	2.16	1.71	1.77

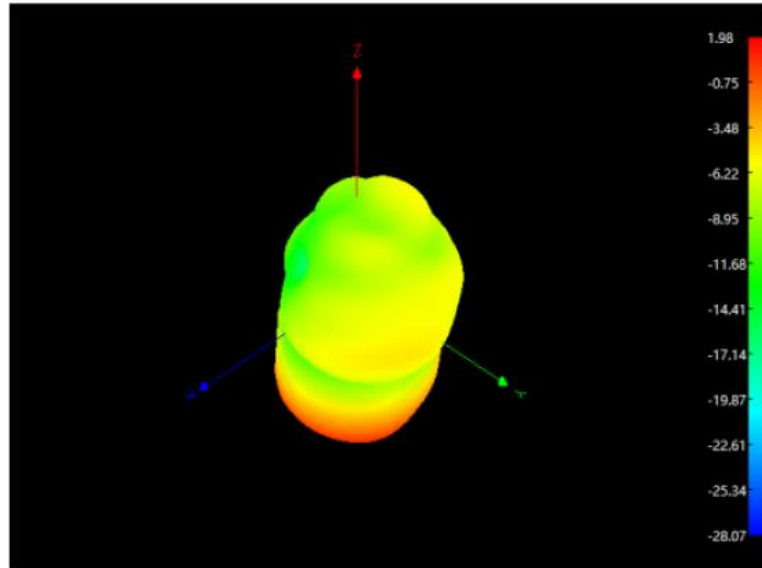
Appendix C Gain and Efficiency

Frequency (MHz)	Efficiency(%)	Gain (dBi)
2400	32.36%	2.11
2410	32.3%	2.18
2420	32.1%	2.21
2430	32.4%	2.06
2440	32.9%	2.07
2450	30.9%	1.91
2460	30.8%	2.04
2470	30.7%	2.09
2480	31.6%	1.98
2490	30.6%	1.91
2500	30.5%	1.03

Appendix D Radiation Pattern(1D and 3D)







Appendix E Test Setup Photo

