

SPECIFICATION FOR APPROVAL

CUSTOMER :	睿联
PART NAME :	CH2
PART NO. :	
DZZ NO. :	
REV. :	V1.0

	MANUFACTURERR SIGNATURE	CUSTOMER SIGNATURE
APPROVED BY:		
DATE:		

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Antenna Assembly

Specification(With housing)

1.Electrical Properties

1.1 Frequecy	868-915MHZ
1.2 Impedance.....	50Ω Norminal
1.3 Radiation.....	Omni
1.4 Polarization.....	Linear
1.5 Admitted Power.....	1W
1.6 Connector.....	SMA

2.Physical Properties

2.1 Working Temperature.....	-40°C~+85°C
2.2 Storage Temperature.....	-40°C~+85°C

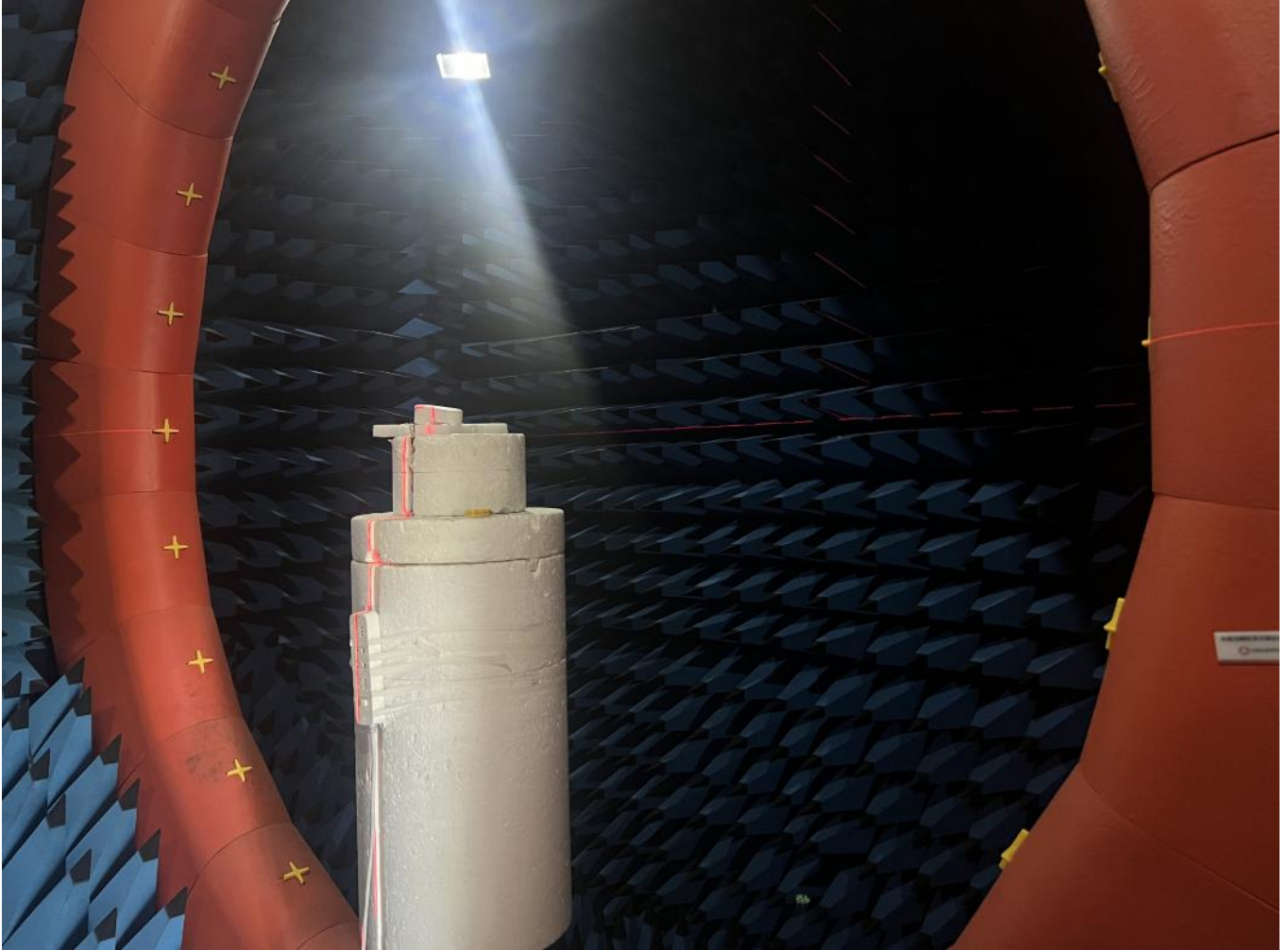
Antenna Design for CH2 板载天线V1.0

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Revised History

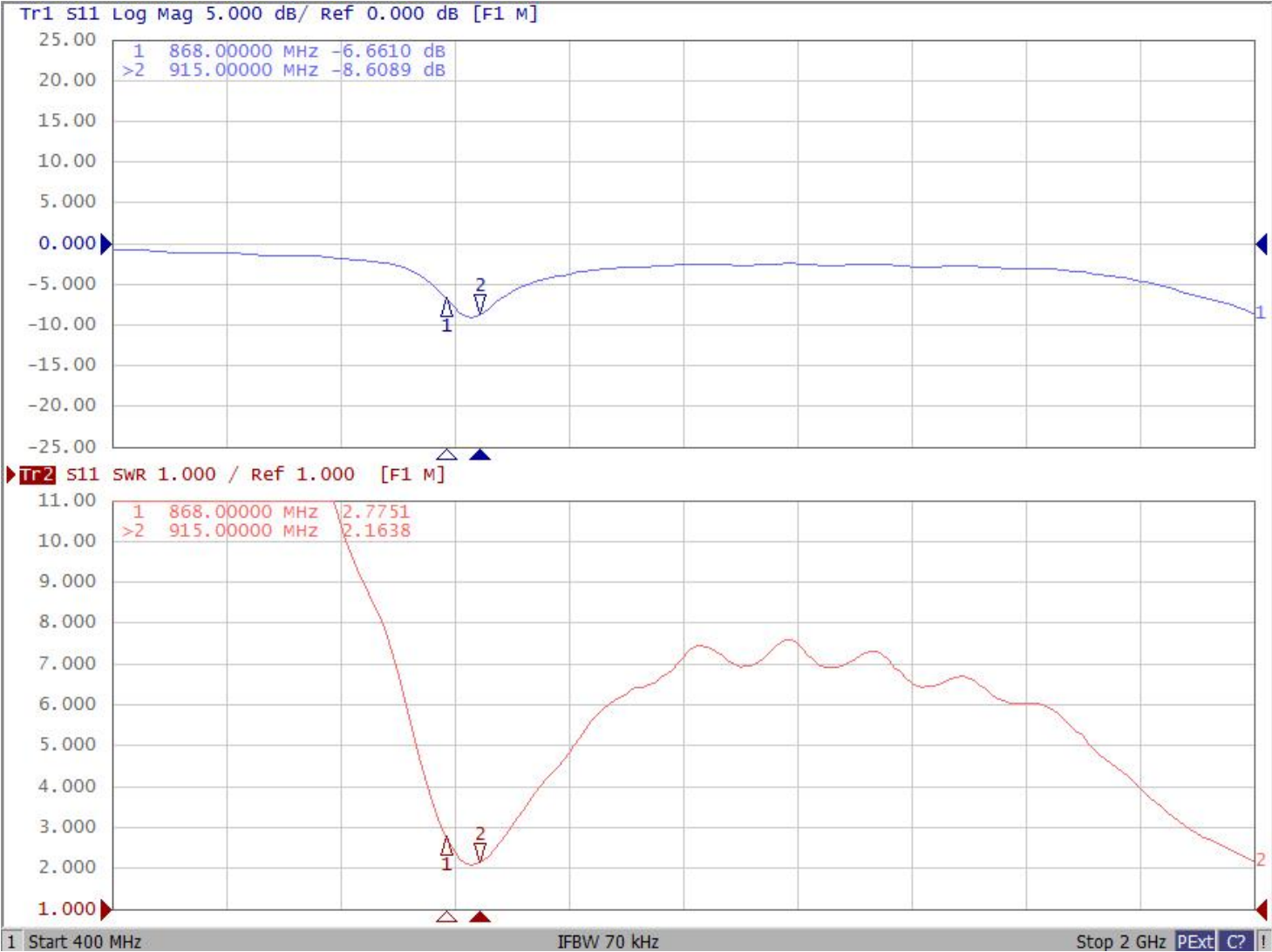
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1.testing environment



2.Analyzer Measurement

2.1 Ant S11 passive test results

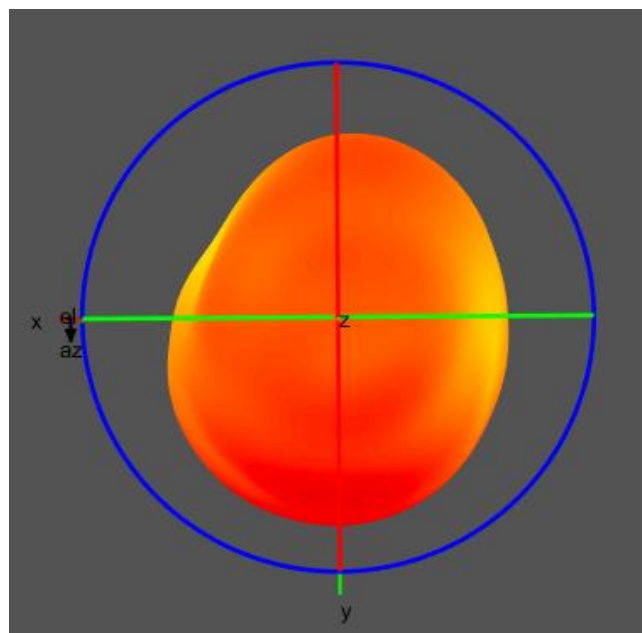
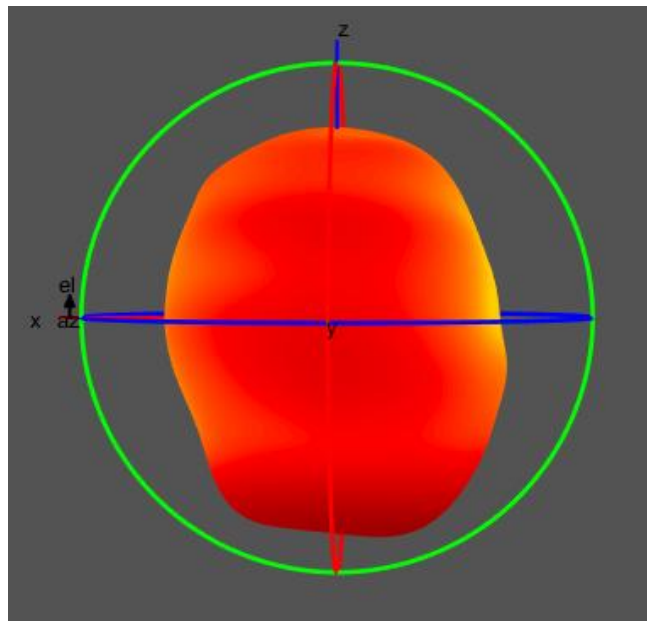
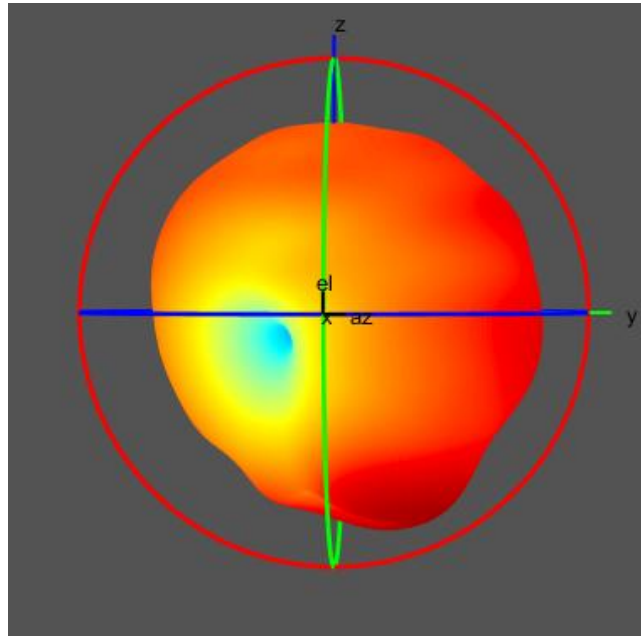


3.1 Peak Gain & Efficiency

Frequency	Efficiency	Gain
(MHz)	(%)	(dB)
865	25. 14	−0. 33
870	25. 35	−0. 45
875	26. 77	−0. 35
880	28. 26	−0. 44
885	28. 68	−0. 45
890	28. 89	−0. 61
895	29. 37	−0. 53
900	29. 14	−0. 67
905	28. 96	−0. 89
910	29. 63	−0. 85
915	29. 44	−0. 77
920	29. 16	−1. 01

4.1 3D

890mhz



单位：mm