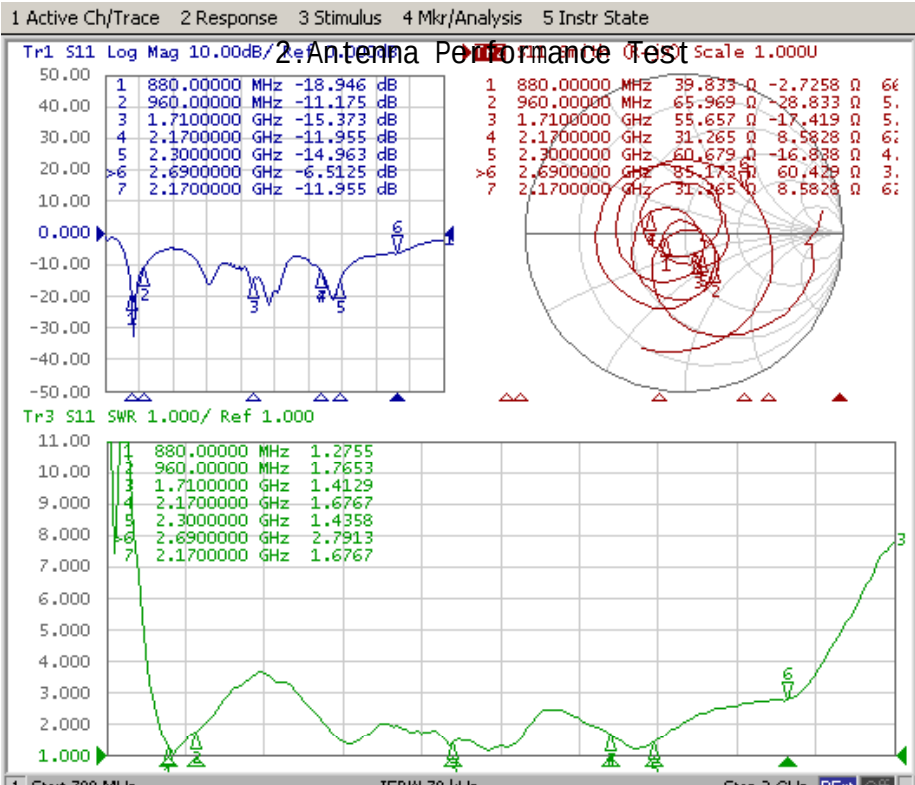


2.Antenna Performance Test

Specification

A. Electrical Performance	
Working Frequency	915Mhz / 3G(1880-2025Mhz)
V.S.W.R	≤2.0
Gain	915Mhz - 2±1 dBi 3G(1880-2025Mhz) - 3±1 dBi
Impedance	50 ohm
B. Material	
Material of Radiator	Cu (plated)
Connector Type	SMA
Cable	RG174 cable, length 2000 ±50 mm
Environmental Specification	
Working Temp	-40℃~+85℃
Storage Temp	-40℃~+85℃
Humidity	95%~100%RH

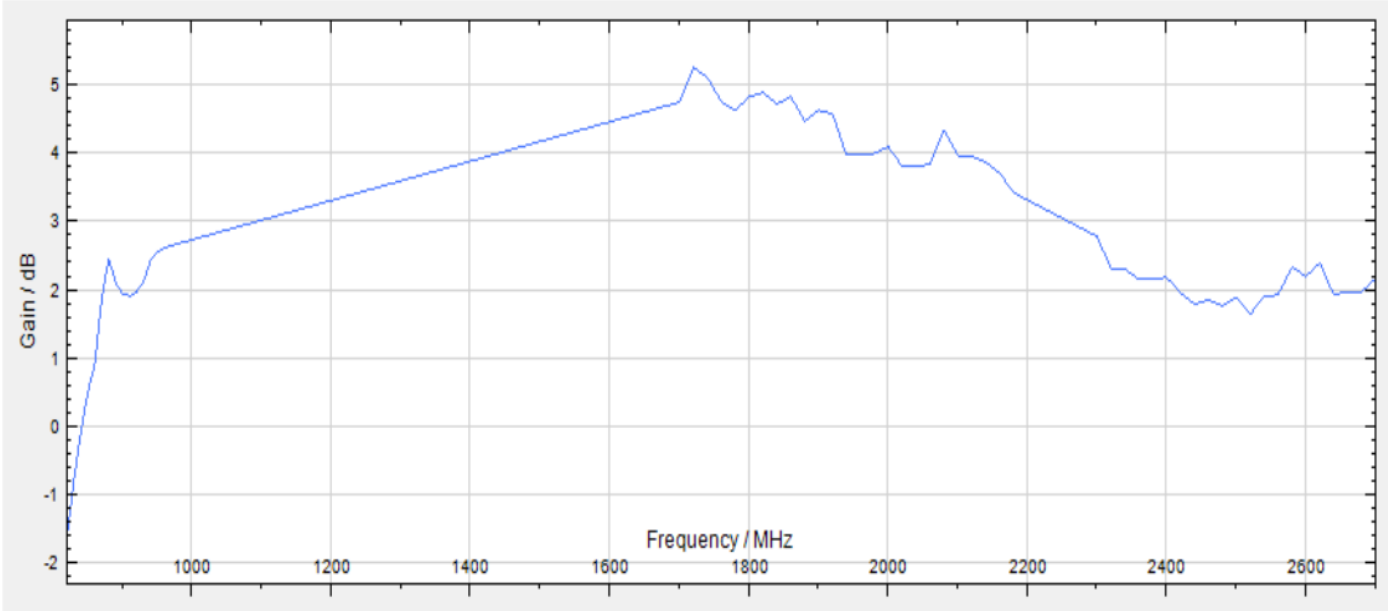
Parameter Test



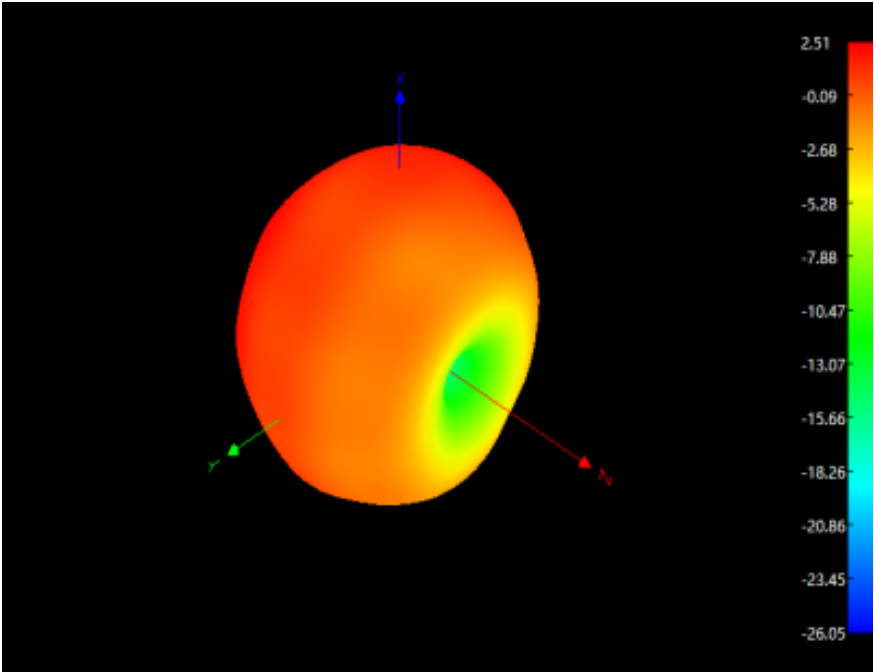
3. Antenna Active Test



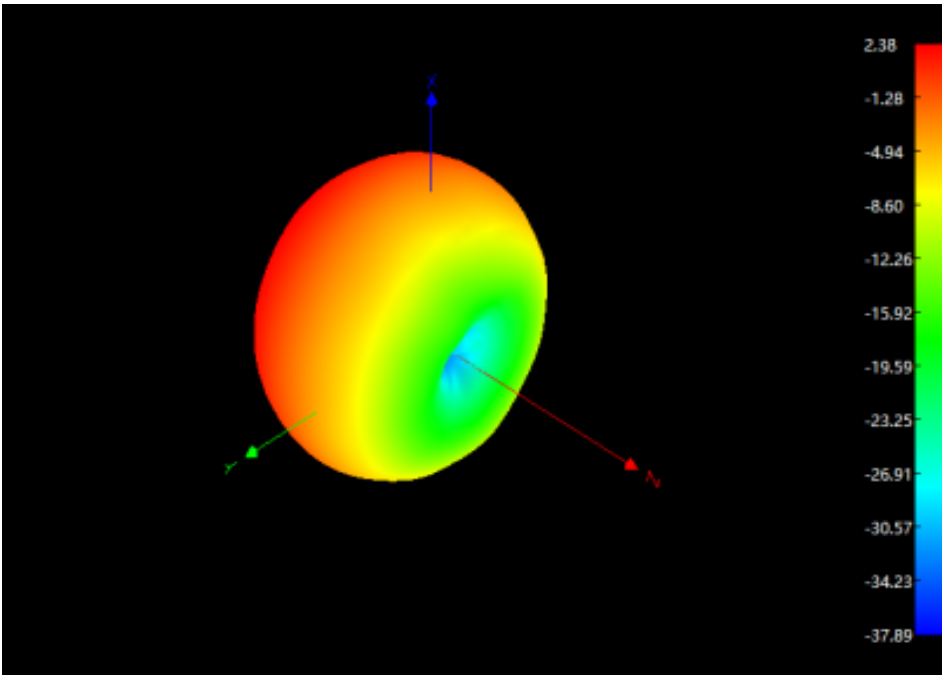
Gain/dB



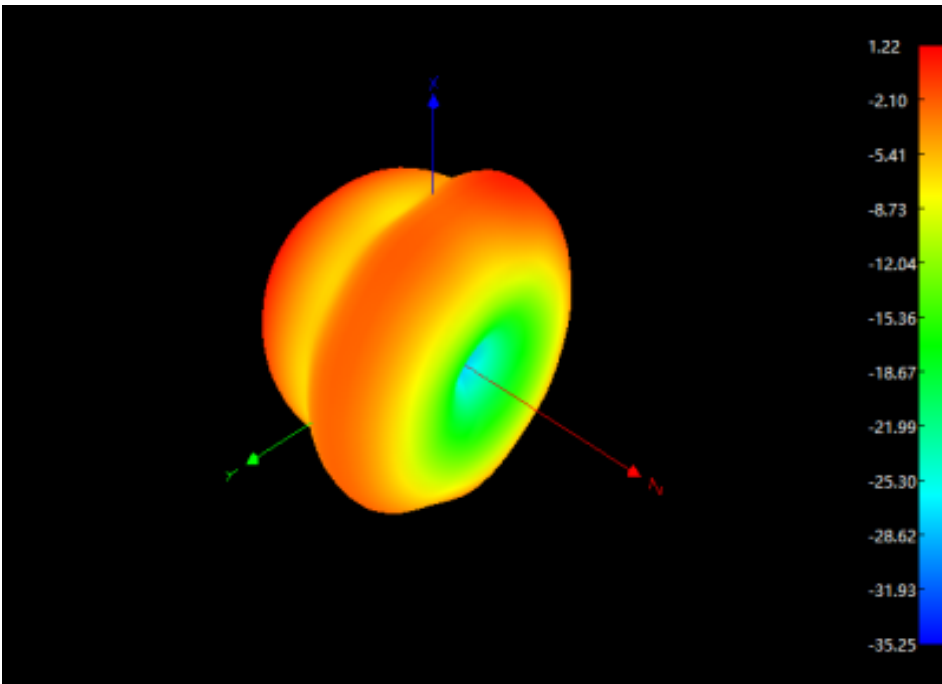
3D820



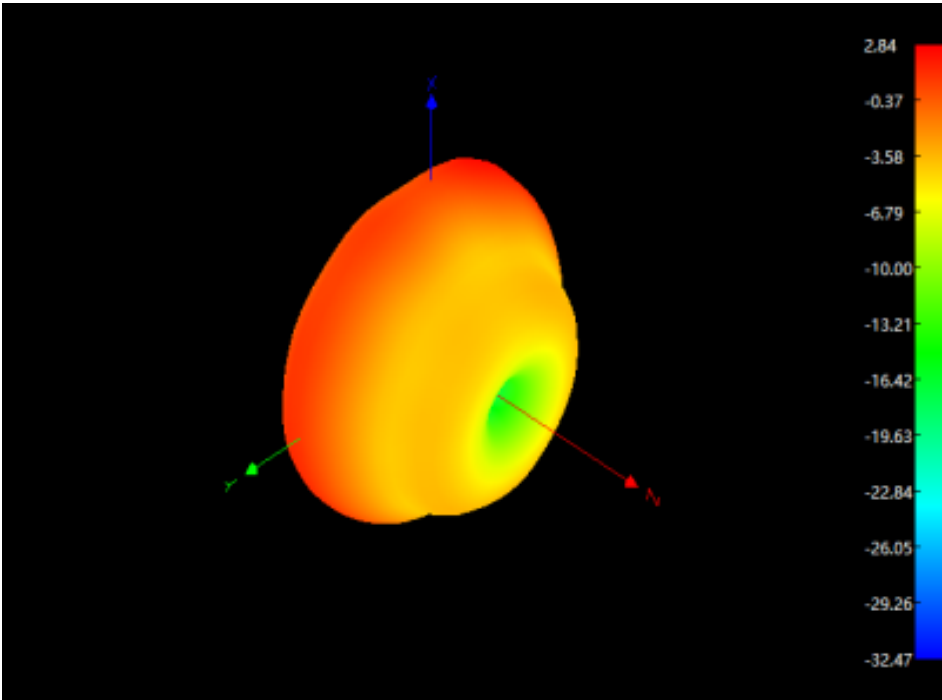
3D960



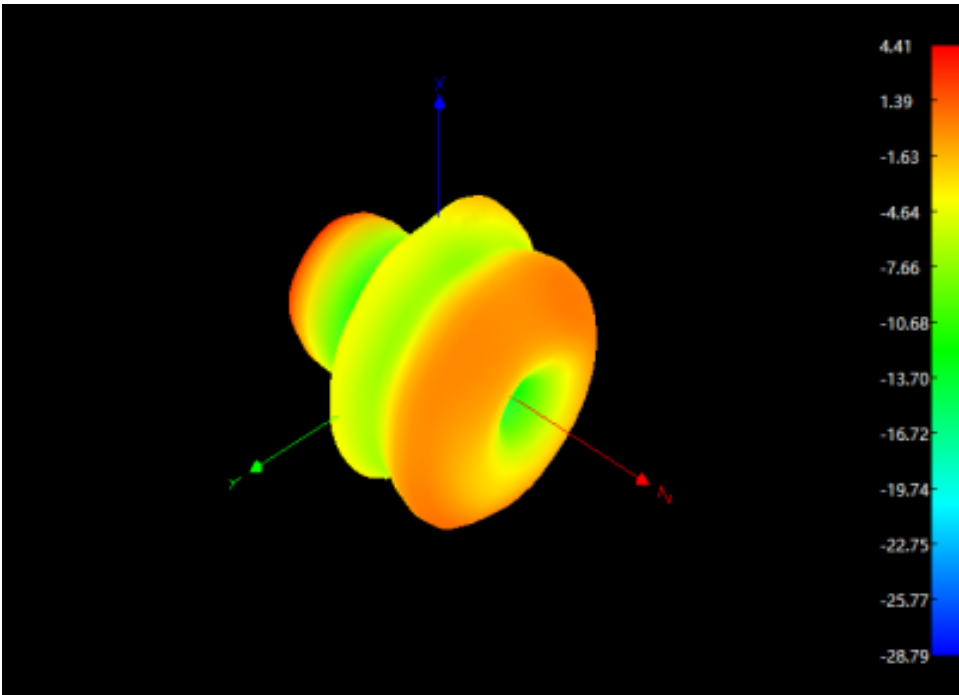
3D1700



3D2400



3D2700



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Active Test For GSM+TD-SCDMA			
Band	Channel	TRP	TIS
GSM 900	1	29.8	-100.3
	62	29.4	-91.4
	124	28.6	-86.5
DCS 1800	512	27.6	-103.4
	698	27.0	-103.6
	885	27.3	-102.1
TD-SCDMA 2100	10054	20.6	-108.5
	10087	20.5	-108.3
	10120	20.2	-108.4
TD-SCDMA 1900	9404	21.5	-109.8
	9500	21.5	-109.6
	9596	21.6	-109.3

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Active Test For LTE			
Band	Channel	TRP	EIS
TDD LTE Band 38	37850	20.1	-85.5
	38000	19.5	-85.7
	38150	20.2	-85.2
TDD LTE Band 39	38350	21.2	-85.4
	38450	20.9	-85.9
	38550	21.3	-86.1
TDD LTE Band 40	38750	20.4	-85.2
	39150	20.3	-85.1
	39550	19.1	-84.2

苏州米拓塑料科技有限公司

功能测试报告

摘要:			
客户名称 :	苏州米拓塑料科技有限公司	试验名称:	盐雾试验
产品名称	SMA接头	完成日期:	2024/4/20
工具&设备:	盐雾机	项目 :	0.11金
试验者 :	徐俊	阶段 :	

1.判定标准:			
表面无腐蚀、气泡为合格。			
2.测试条件			
中性盐雾（NSS）连续喷雾8小时。温度:35℃±1℃, 盐水浓度:5%, 饱和桶:47℃±1℃, PH值6.5~7.2, 相对湿度:65%			
3.试验结果:			
表面未出现腐蚀，气泡等异常。			
4. 结论:			
1、合格 ☒ 2.不合格 ☐ 3.其他 ☐			

※附图说明		
测试前	测试中	测试后
		

确认:
