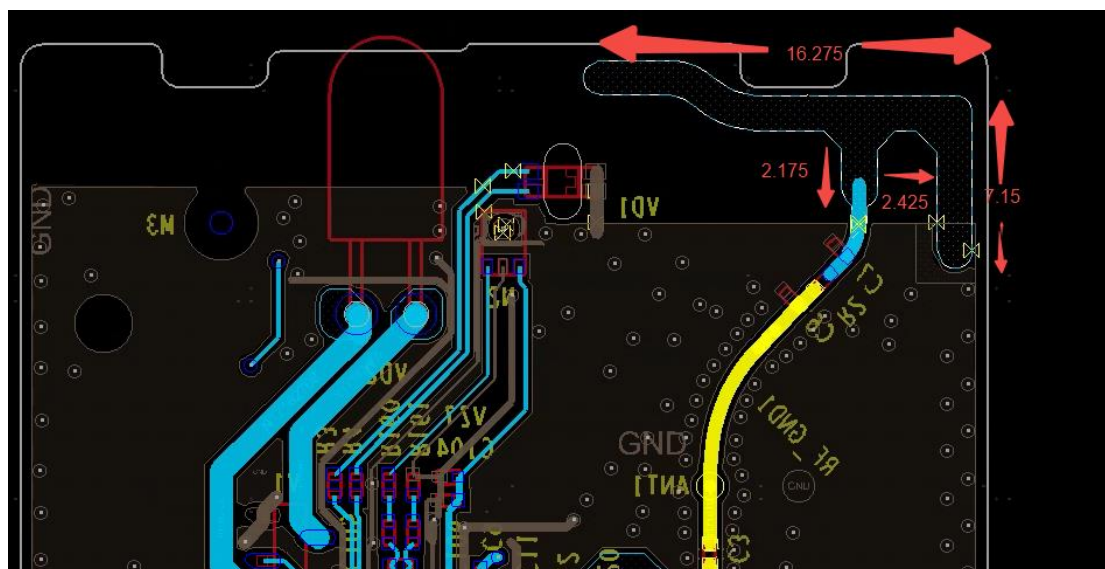


ERF3AO98T 天线规格

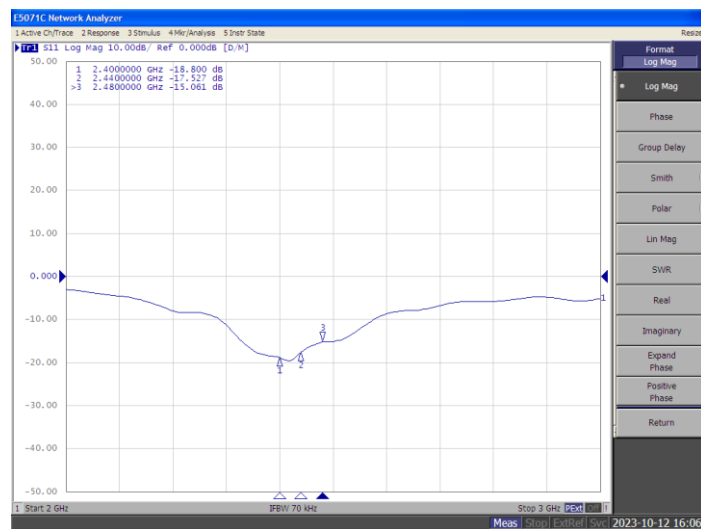
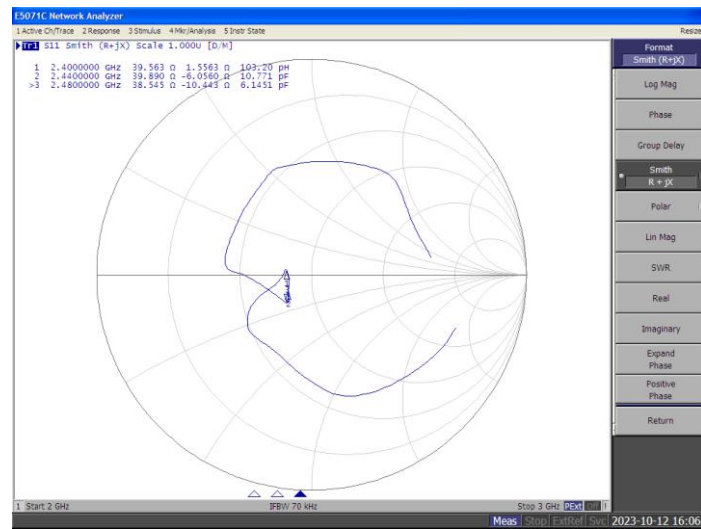
Equipment under Test:	Remote Control
Model No.:	ERF3A098T
Antenna Model:	ERF3A098T-RF-V1
Antenna Type:	PCB Antenna
Applicable Remote Control Frequency Band:	2.4GHz (Bluetooth)
Manufacturer:	Hisense Visual Technology Co., Ltd.
Address:	No. 218 Qianwangang Road, Economy & Technology Development Zone, Qingdao, China

Antenna SPC:



NO	details	SPC
1	Frequency band	2400-2500MHz
2	directivity	Omnidirectional antenna
3	Input impedance	50 Ohm Nominal
4	Return Loss	-18.8dB(min)
5	VSWR	1.27 (min)
6	Polarization mode	Linear Polarization
7	Gain	4.27dBi(max)
8	Efficiency	53.14% (max)

Test instrument: E5071C Network Analyzer



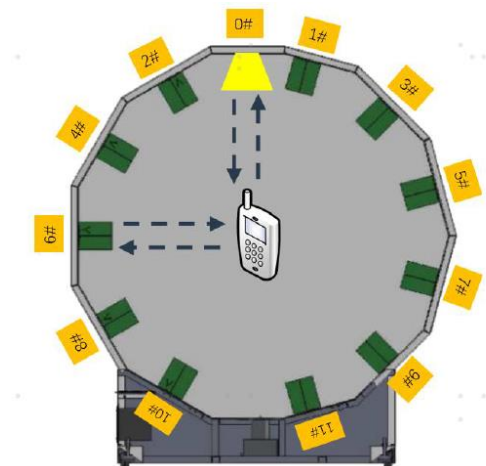
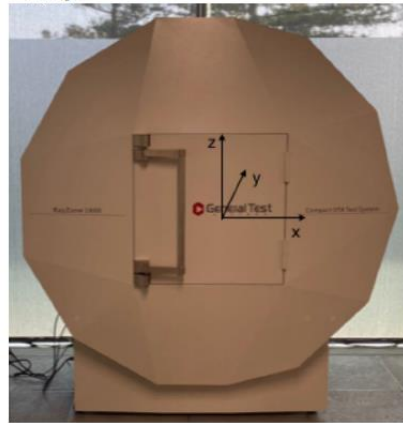
Frequency /MHz	2400	2440	2480
VSWR	1.29	1.27	1.41
Return Loss /dB	-18.8	-17.52	-15.06

3D pattern:

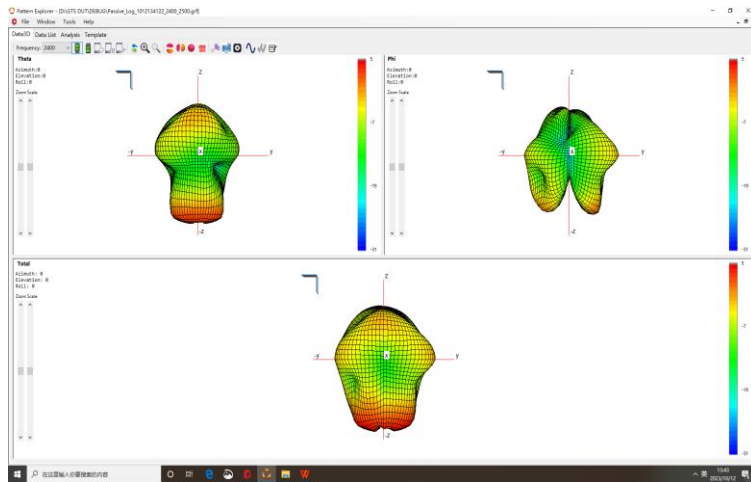
OTA Test system: RayZone1800,

Address:Qingdao Hisense Mobile Communication Technology, Inc.

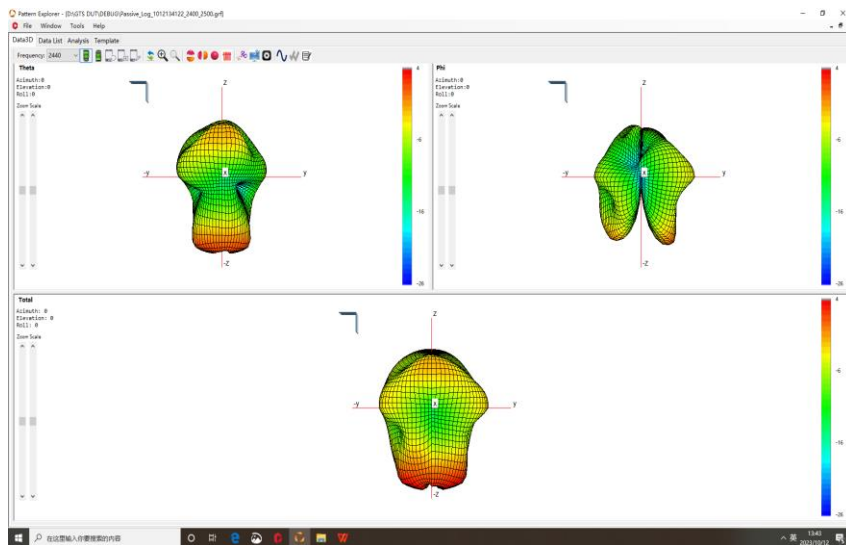
Address: No. 399, Song Ling Road, Qingdao, China



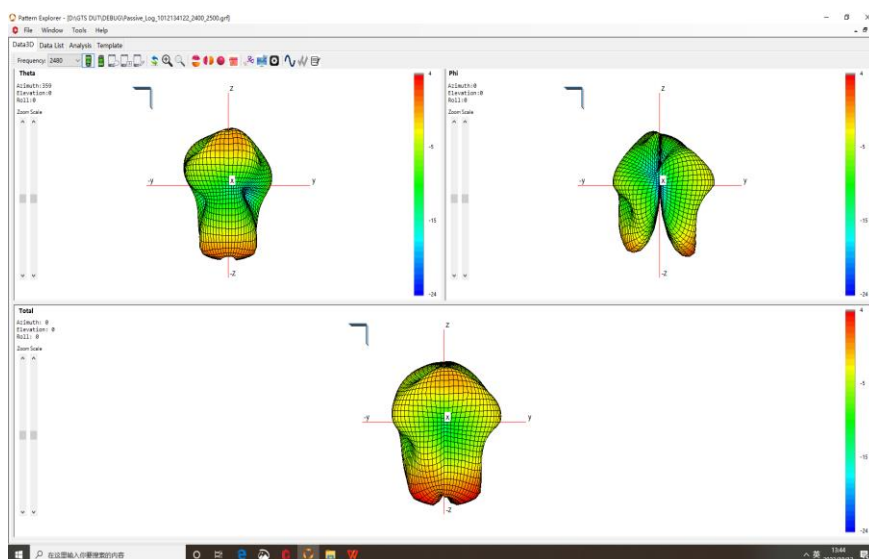
3D Pattern-2400MHz



3D Pattern-2440MHz



3D Pattern-2480MHz



Freq	Efficiency_dB	Gain	Directivity	Efficiency_Pcent
2400	-2.95	4.27	7.22	50.74
2410	-2.96	4.22	7.18	50.57
2420	-3.25	3.80	7.05	47.27
2430	-3.36	3.44	6.80	46.16
2440	-3.08	3.35	6.43	49.22
2450	-2.93	3.37	6.29	50.97
2460	-2.84	3.27	6.11	51.98
2470	-2.75	3.22	5.96	53.14
2480	-2.76	3.13	5.89	52.95
2490	-2.82	2.95	5.78	52.18
2500	-2.79	3.06	5.85	52.62