

深圳沃莱特电子有限公司

Worldelite Electronics (Shenzhen) Co. LTD

DionTWS Antenna Test Report

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概要 (Summary)

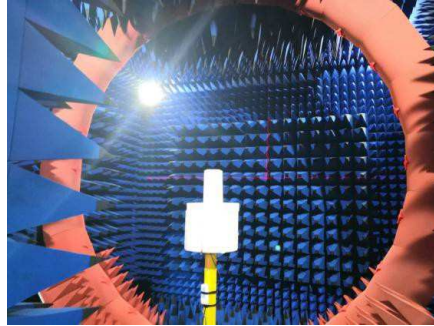
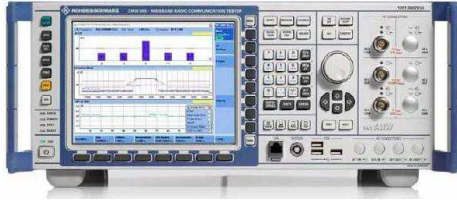
版本 (Rev)	日期 (Date)	内容概况 (Brief introduction)
V1	2023/8/11	Antenna Test Report

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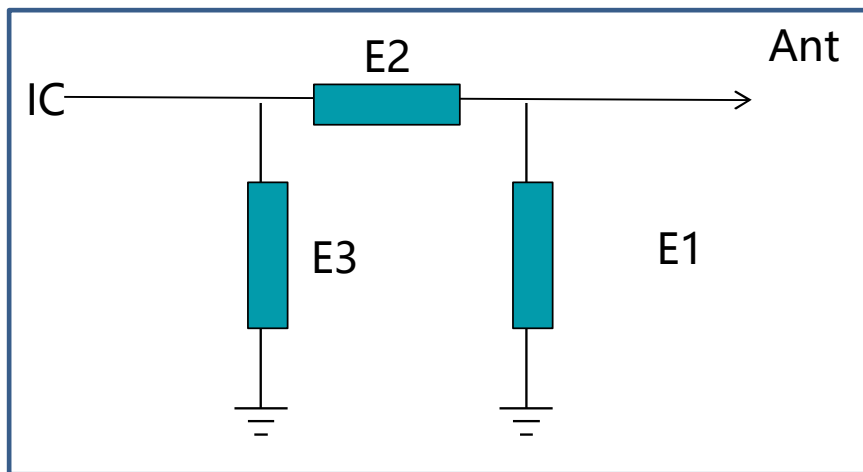
项目信息 (Project information)

客 户 (Client)	EARTECH
项目名称 (Project)	DionTWS
类别 (Category)	BT
频段 (Frequency band)	2400-2480MHz
机 器 种类 (Type of machine)	Hearing Aid

测试设备 (Test Equipment)

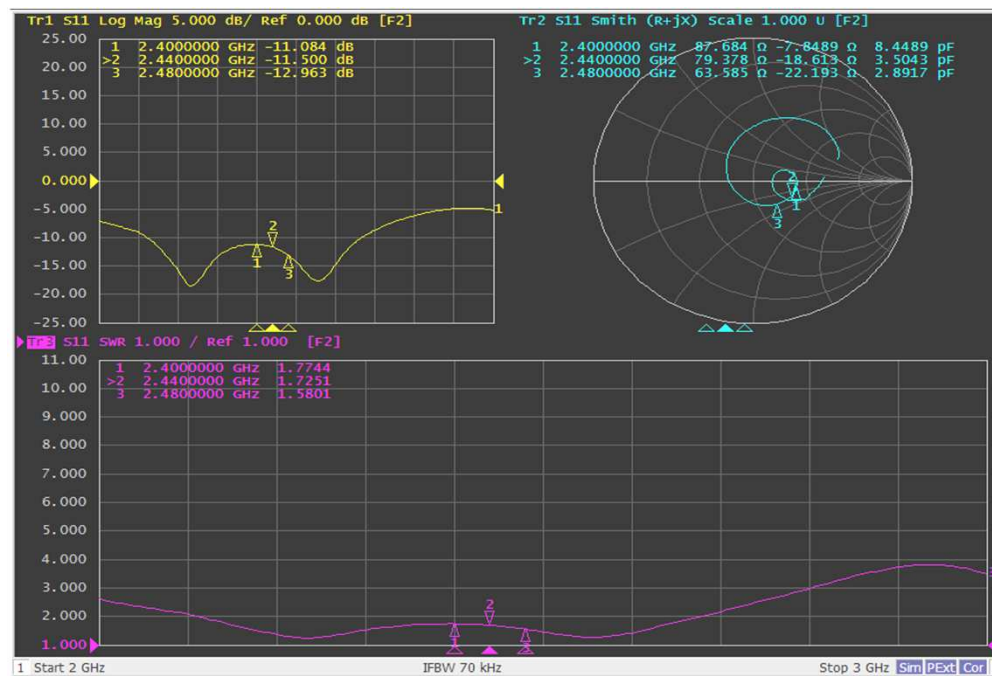
设备 (Equipment)	型号 (Type)	照片 (photo)
微波暗室 Microwave anechoic chamber	FTMP-24D (4*4*3.5)	
综合测试仪 (Comprehensive tester)	R&S CMW500	
网络分析仪 (Network Analyzer)	KEYSIGHT E5063A	

匹配电路 (Matching circuit)



Element	Value	Vendor	Tolerance
E1	NA		
E2	NA		
E3	NA		

无源S11

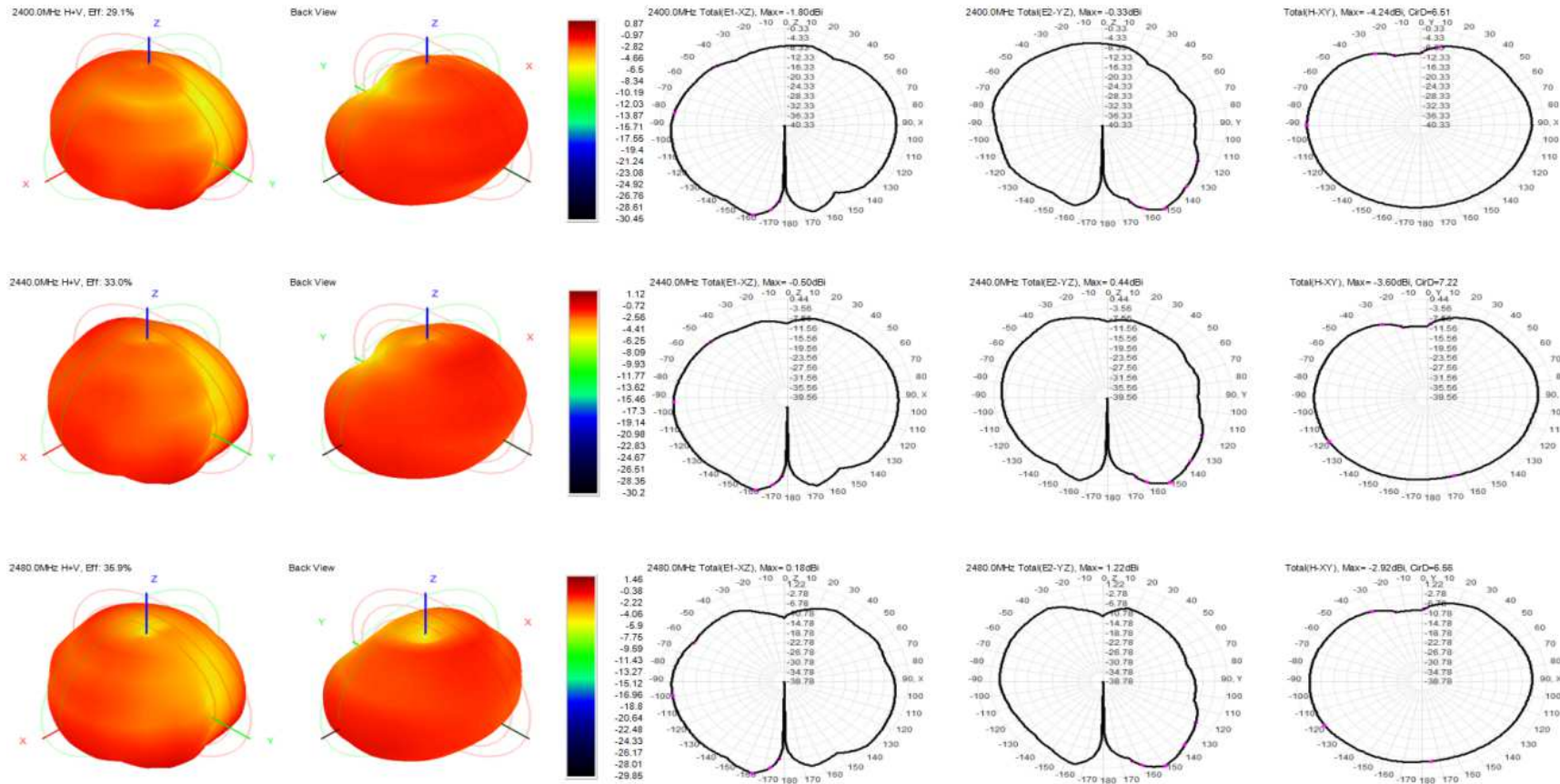


Freq (MHz)	2400	2440	2480
SWR	1.77	1.72	1.58
Log Mag	-11.08	-11.5	-12.96

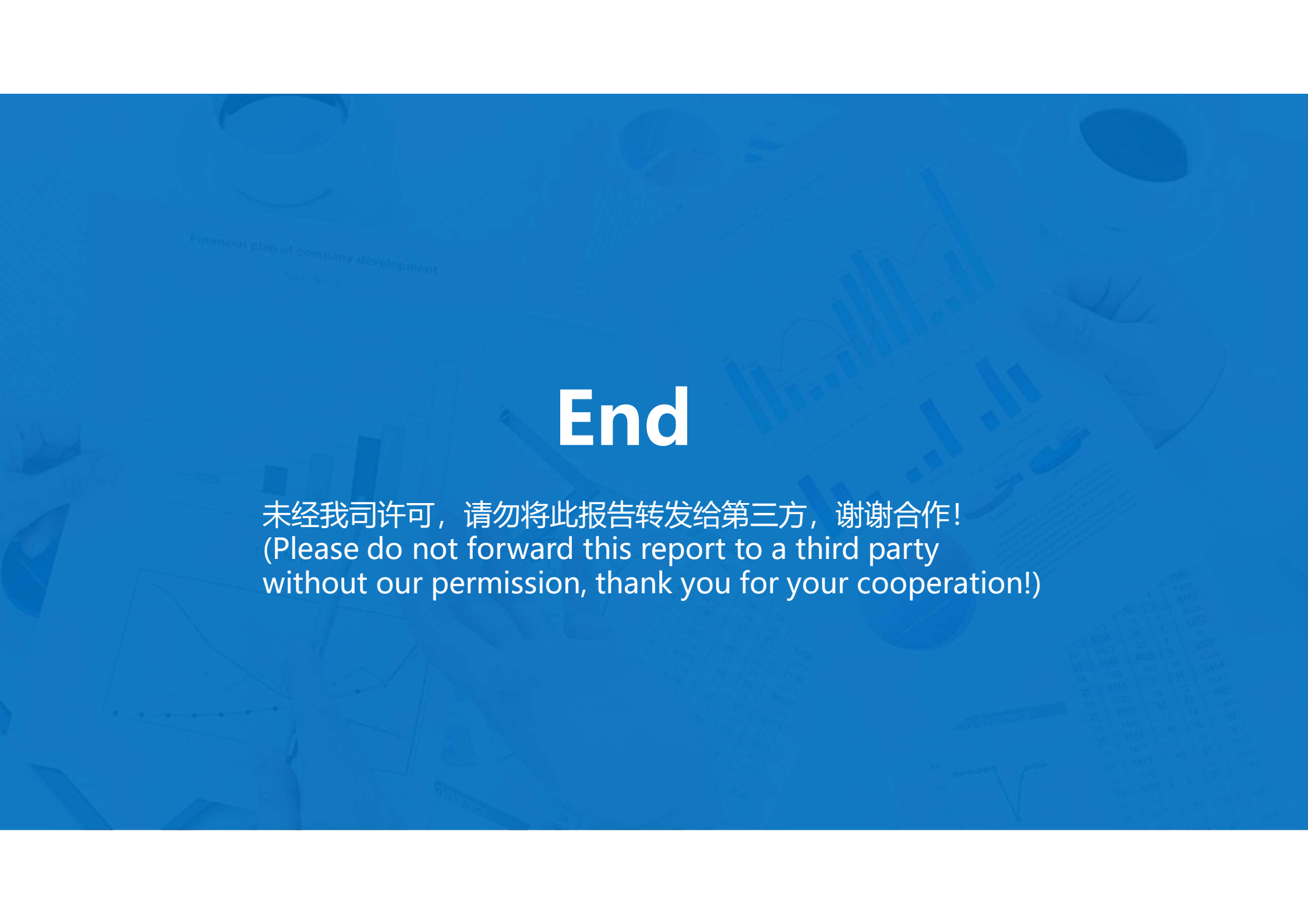
无源效率、增益测试 (Passive efficiency and gain)

Frequency(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain(dBi)	0.87	0.97	1.09	1.13	1.12	1.13	1.32	1.43	1.46	1.49	1.58
Efficiency(%)	29.10%	30.20%	30.60%	32.30%	33.10%	33.90%	34.60%	35.50%	36.10%	36.80%	37.50%

辐射方向图 (Radiation pattern)



测试图片 Test photo

The background is a solid blue color with faint, semi-transparent white graphics. These include several bar charts of varying heights, line graphs with data points, and a document titled "Financial plan of company development".

End

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