

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)

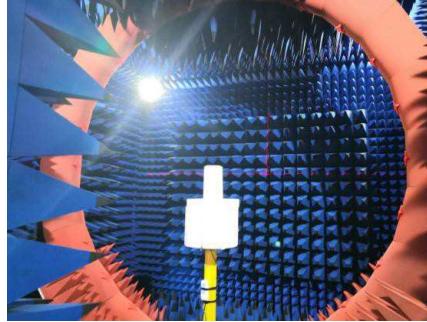
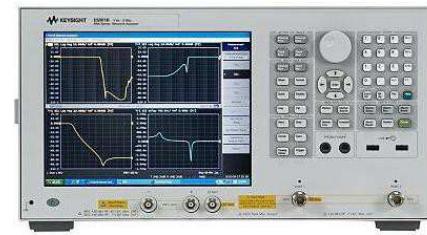


版本 (Rev)	日期 (Date)	内容概况 (Brief introduction)
V1	2023/8/11	Antenna Test Report

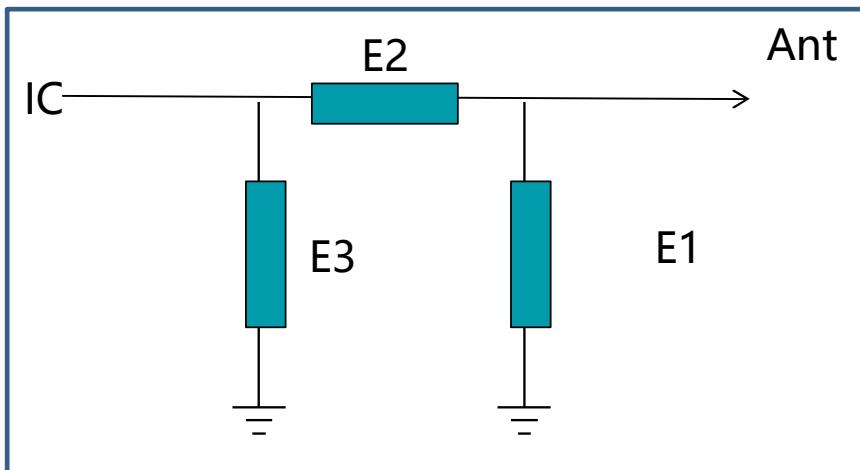
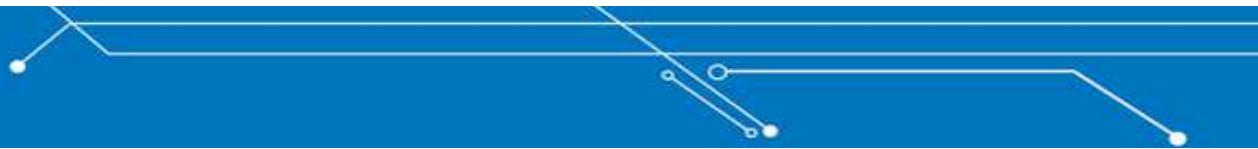
项目信息 (Project information)

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)

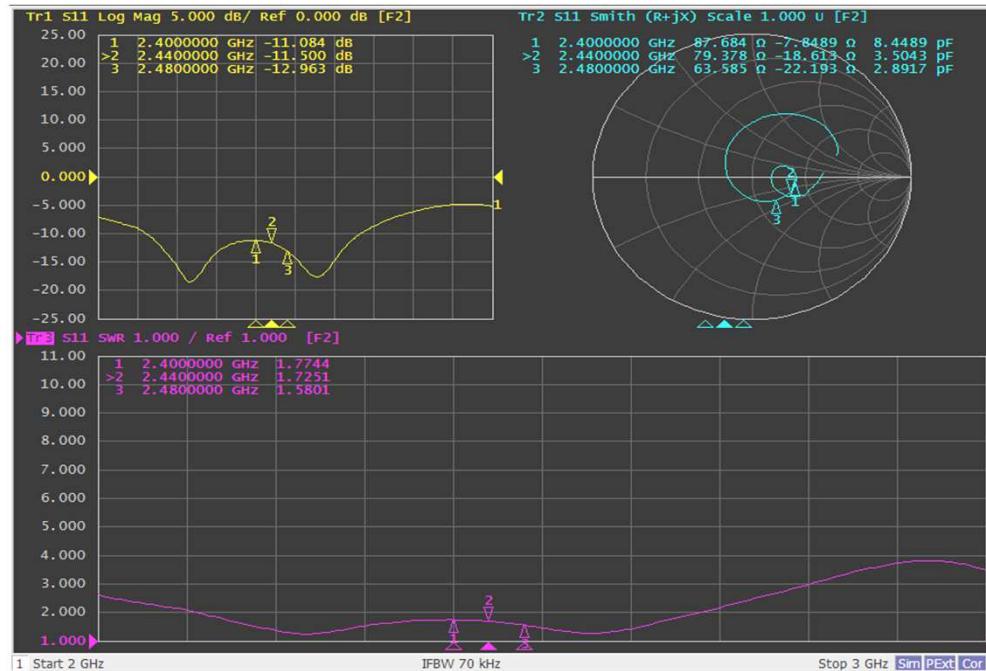
设备 (Equipment)	型号 (Type)	照片 (photo)
微 波 暗 室 Microwave anechoic chamber	FTMP-24D (4*4*3.5)	
综合 测试仪 (Comprehensive tester)	R&S CMW500	
网络分 析 仪 (Network Analyzer)	KEYSIGHT E5063A	

匹配电路 (Matching circuit)



Element	Value	Vendor	Tolerance
E1	NA		
E2	NA		
E3	NA		

无源S11

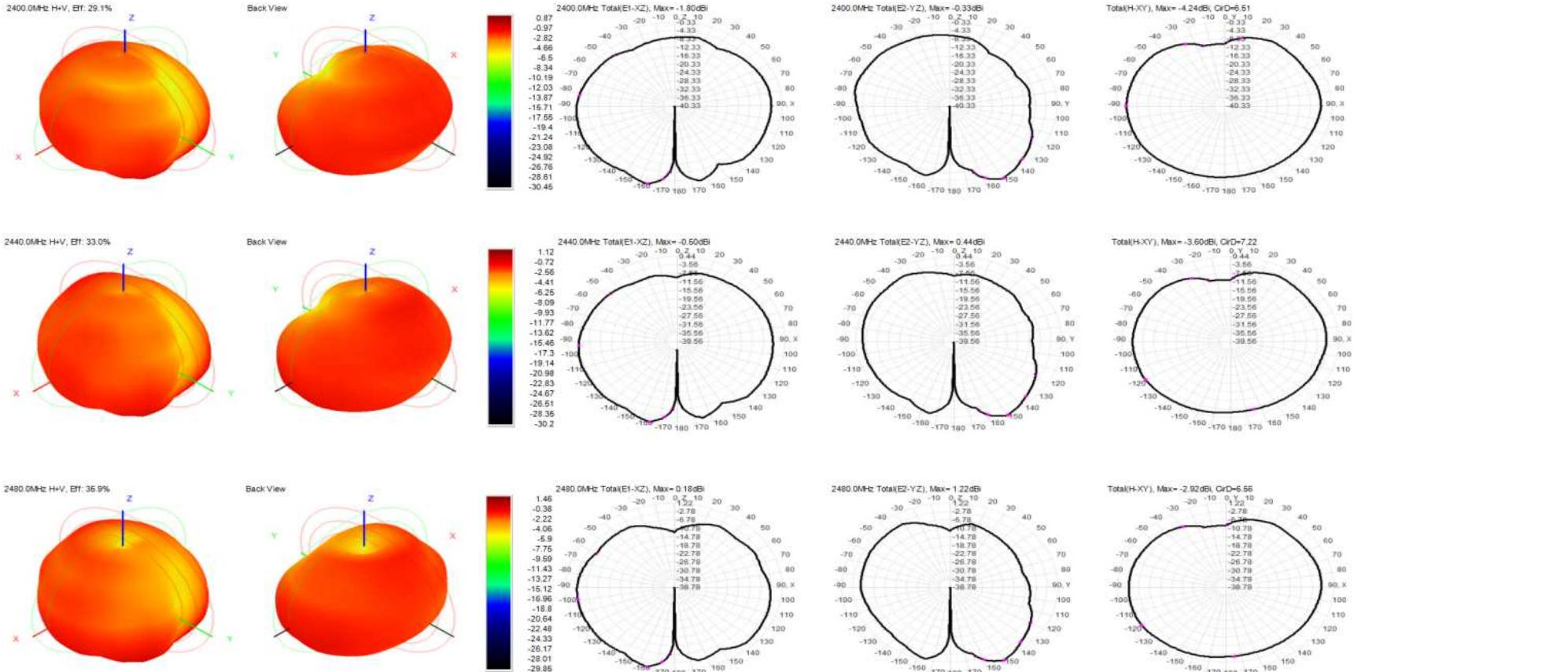


Freq (MHz)	2400	2440	2480
SWR	1.77	1.72	1.58
Log Mag	-11.08	-11.5	-12.96

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



End

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