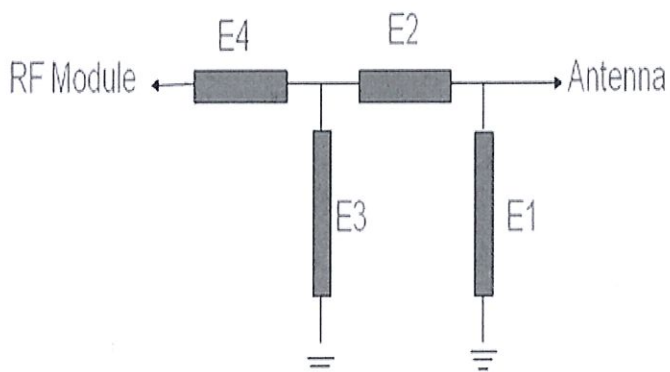
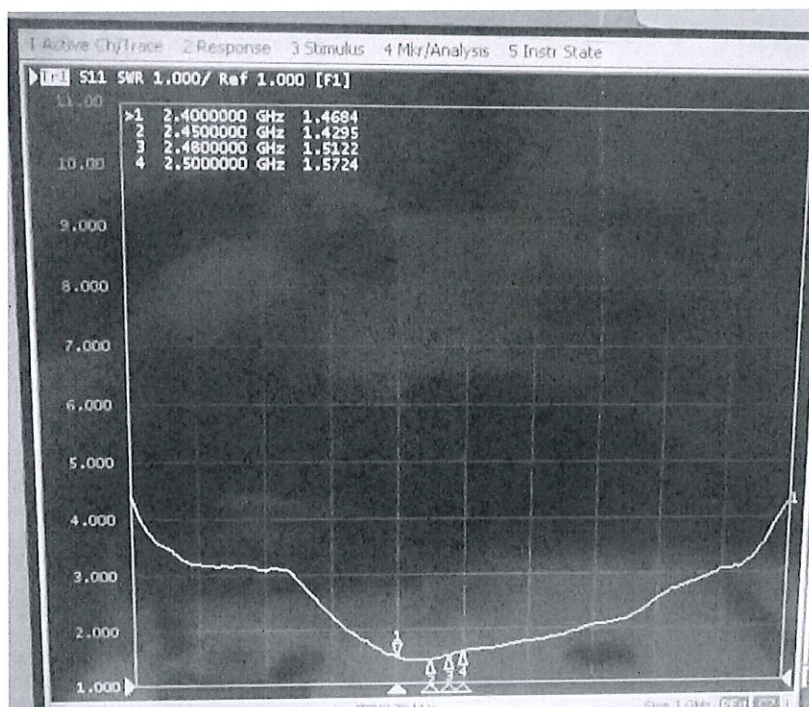


Antenna Matching Network



Element	Capacitor	Inductor
E1	N/A	N/A
E2	N/A	N/A
E3	N/A	N/A
E4	N/A	N/A

S11 Parameter-S11



Frequency	2400	2450	2480	2500
VSWR	1.46	1.42	1.51	1.57

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Gain & Efficiency

Frequency (MHz)	Efficiency (%)	Peak GAIN (dBi)
2400	46.30	1.14
2410	46.40	1.17
2420	48.60	1.38
2430	48.40	1.22
2440	47.70	1.22
2450	49.20	1.43
2460	43.00	1.72
2470	43.50	1.97
2480	41.60	1.96
2490	42.80	2.04
2500	45.90	2.24

OTA

Test Equipment : 0	R&S CMW270			
Test Condition :	3D chamber			
Band	Wireless Protocol	Channel	TRP(dBm)	TIS(dBm)
WIFI	802.11 b/11 Mbs	1	15.8	-81.56
		6	16	-75.9
		11	16.82	-78.91
WIFI	802.11 g/54 Mbs	1	16.38	-64.46
		6	16.87	-66.02
		11	16.73	-65.37
WIFI	802.11 n/65 Mbs	1	16.76	-69.81
		6	16.9	-65.28
		11	15.75	-68.54

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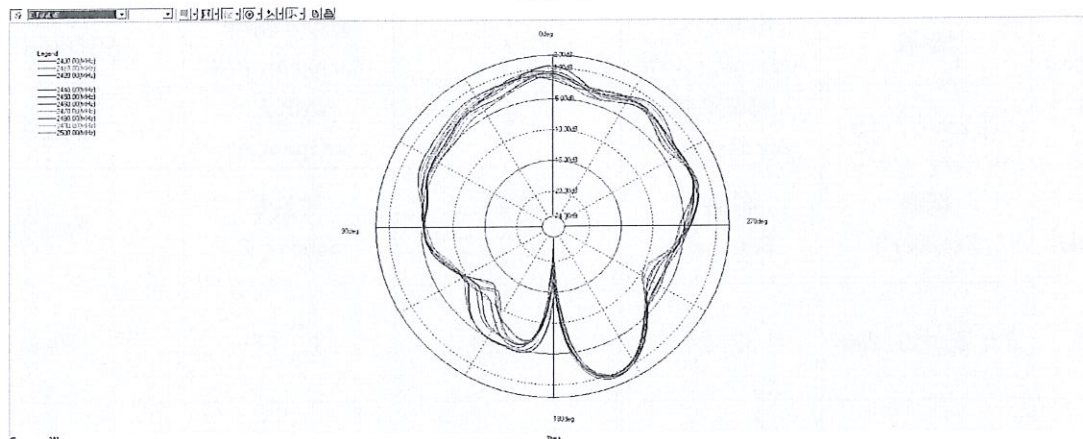
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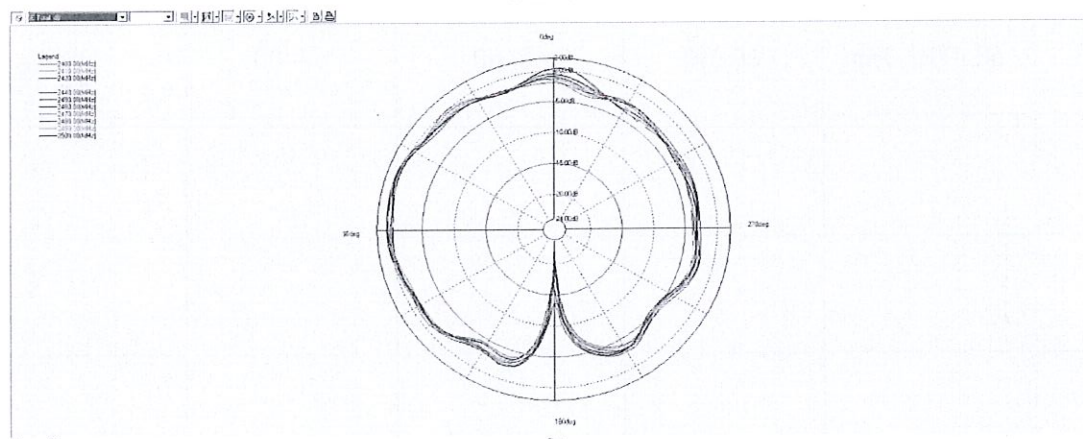
FM: SBR-QR-RD-37 REV: A2

2D Pattern

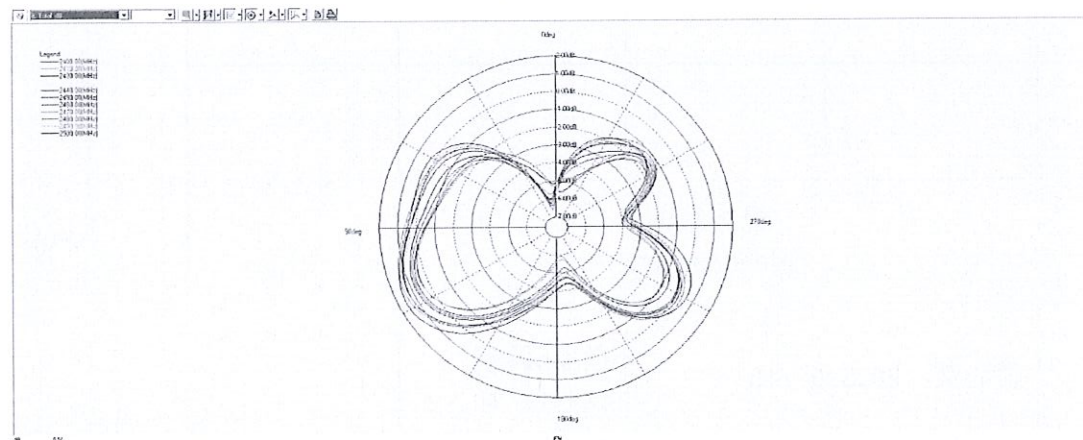
Phi =0



Phi =90



Theta =90



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深圳市盛邦尔科技有限公司
Shenzhen Surbaner Technology CO.,LTD.

样品尺寸测量报告

Sample Dimensions Test Report

客户名称 Customer Name	熵基	客户料号 Customer P/N	/	盛邦尔料号 Surbaner P/N	160180-01777
测试日期 Test Date	2025/07/15	样品数量 Sample Qty.	3	测试人 Inspector	
尺寸编号 Dimension No.	标准 Standard	样品 1 Sample 1	样品 2 Sample 2	样品 3 Sample 3	Pass/NG
①尺寸 1 dimension 1	32.20±0.2mm	32.24	32.20	32.17	Pass
②尺寸 2 dimension 2	8.28±0.2mm	8.30	8.28	8.25	Pass
③尺寸 3 dimension 3	68.00±3mm	69.00	68.00	67.00	Pass
④					
⑤					
⑥					
⑦					
最终结论 Conclusion					PASS
测试人&日期 Inspector & Date	曾心荣 2025/07/15		批准&日期 Approval & Date		

地址：深圳市宝安区西乡街道鹤洲社区恒丰工业城 B25 栋 2 楼 TEL: 0755-82790675 FAX: 0755-82809726

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