

SHENZHEN SUNSHOW INDUSTRIAL CO.LTD

Address: 3rd Floor, Building A, Taihe Resort, Taihe Road, Pingdi Street, Longgang District, Shenzhen City

Specification sheet

RF Cable Assembly Specification

Main technical specification	
Frequency Range (MHz)	2400
Impedance	50
Average Efficiency	55.3%
MAX Gain	2.45 dBi
Physical Properties	
Cable Type	black
Connector	IPEX 1
Storage Temp	-20℃~+70℃
Operating Temp	-20℃~+60℃

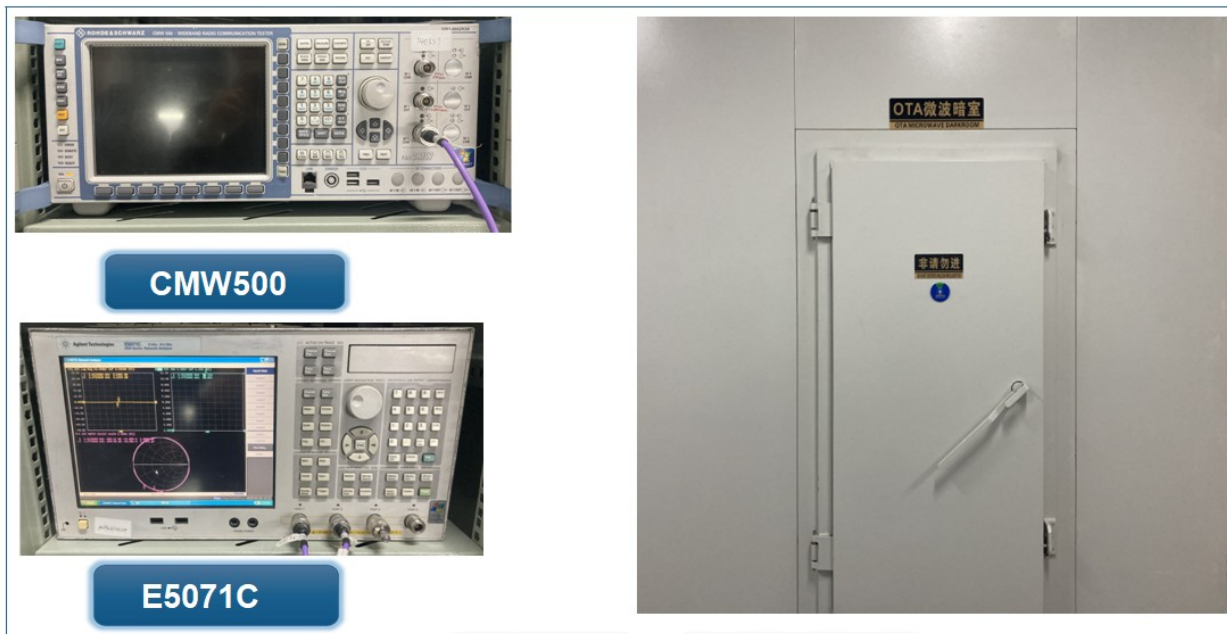
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1. Test project and test equipment

Test project	Testing equipment
1. S11 test 1 (Return Loss) 2. (VSWR)	Network analyzer : Agilent E5071C
2. PASSIVE TEST DATE 1. (Gain) 2. (Efficiency)	1. OTA Microwave darkroom: ETS 5x3x3 m (3D) Chamber 2. Wireless broadband signal tester:: Rohde & Schwarz CMW500

Testing equipment



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2. Electrical performance testing -S11

Frequency band	2412Mhz	2472Mhz
1. (Return Loss)	-20.87	-16.43
2. (VSWR)	1.19	1.3



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2. 1 OTA PASSIVE TEST

Efficiency&Gain

Frequency (MHz)	Efficiency (%)	Gain (dBi)
2400	39. 04	0. 57
2410	39. 33	0. 44
2420	39. 76	0. 28
2430	45. 04	0. 64
2440	54. 41	1. 34
2450	61. 68	1. 89
2460	60. 96	1. 77
2470	67. 45	2. 09
2480	65. 53	2. 41
2490	68. 27	2. 13
2500	67. 85	2. 45

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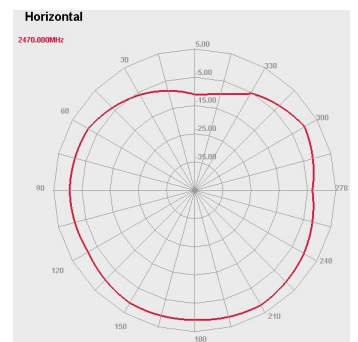
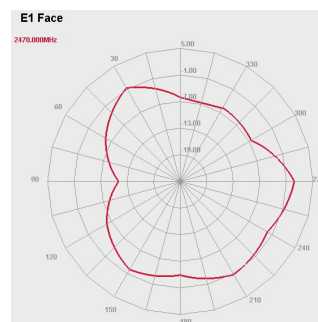
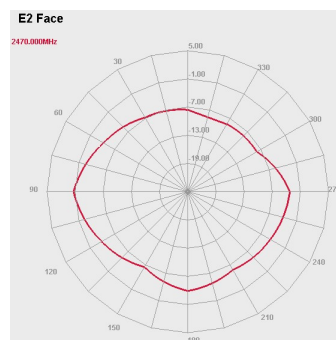
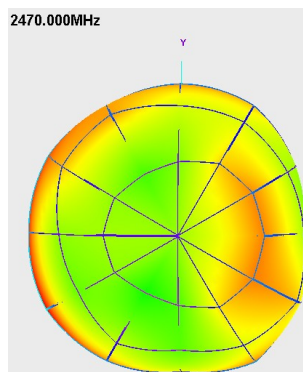
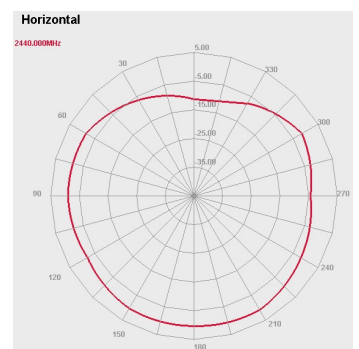
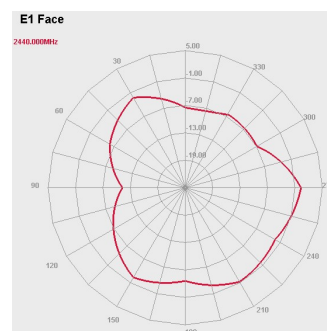
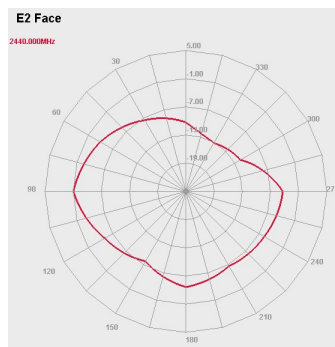
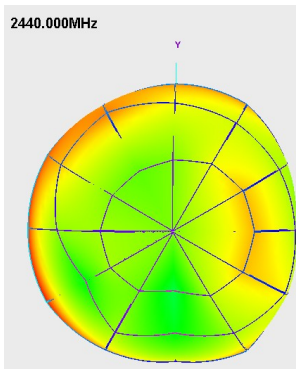
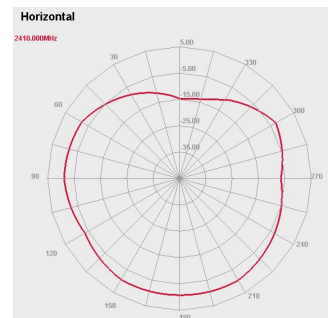
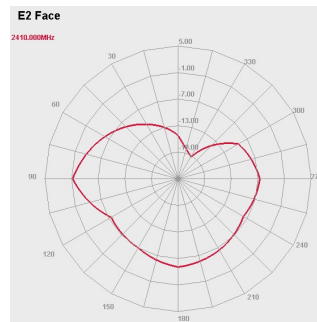
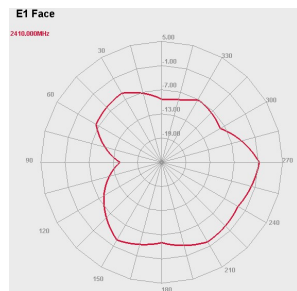
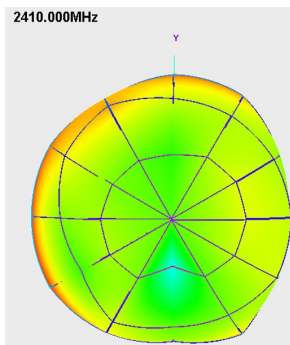
2.2 OTA PASSIVE TEST

3D

2D

2D

2D



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Product layout drawing

