



深圳市凯普深通讯科技有限公司
Shenzhen cape deep communication technology co., LTD

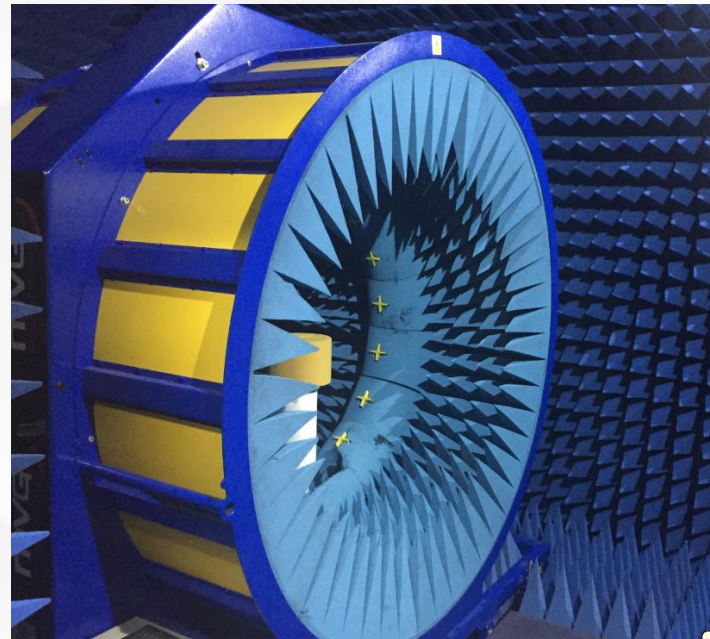
Antenna specification

Address: 2 / F, JB Office Building, Longcheng Industrial Zone, 440 Fanguan Avenue, JB Hua District



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Test environment and equipment



Test item	Test equipment
S11、S12、VSWR、LOSS	Network analyzer E5071B、E5062A
Efficiency、Gain 3D Radiation Pattern	Satimo SG16、GP7*4*3、E5071B
TRP、TIS	Satimo SG16、GP7*4*3、8960、 CMW500、MT8820C、E4438C、



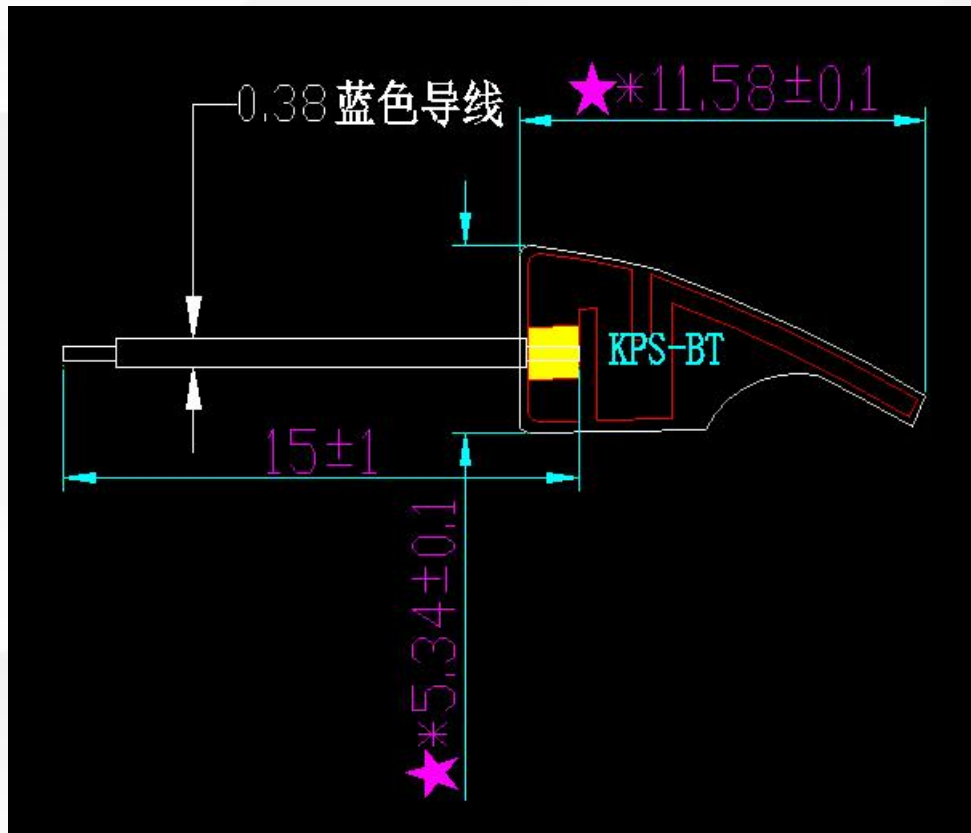
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Machine type	watch	
Antenna band	ANT	2400-2480M
Antenna material	FPC	



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Antenna size diagram



Unit: mm

Passive standing wave pattern





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Passive test data

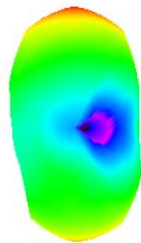
Passive Test For BT2.4			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	28.2	-5.5	-1.49
2410	27.55	-5.6	-1.52
2420	28.74	-5.42	-1.3
2430	30.19	-5.2	-1.04
2440	32.89	-4.83	-0.65
2450	32.53	-4.88	-0.62
2460	31.36	-5.04	-0.81
2470	28.56	-5.44	-1.19
2480	28.12	-5.51	-1.35
2490	28.68	-5.42	-1.29
2500	29.49	-5.3	-1.11



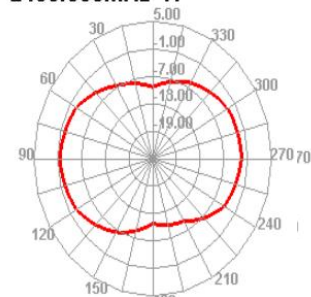
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Passive test apple chart

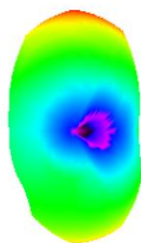
2400.000MHz



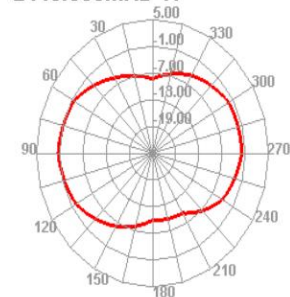
2400.000MHz H



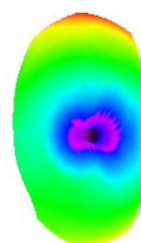
2440.000MHz



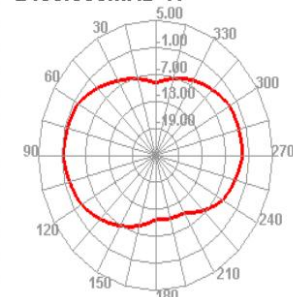
2440.000MHz H



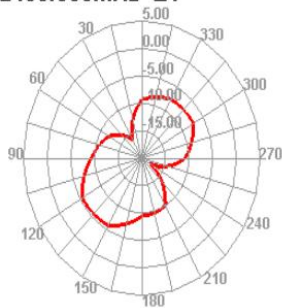
2480.000MHz



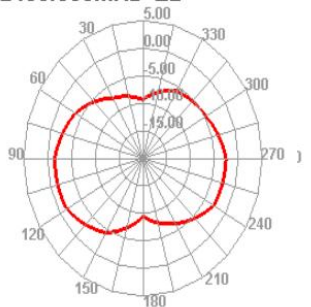
2480.000MHz H



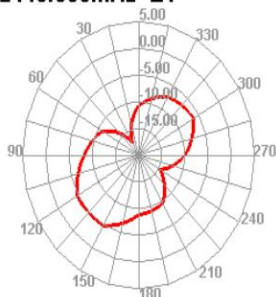
2400.000MHz E1



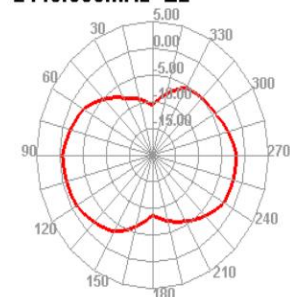
2400.000MHz E2



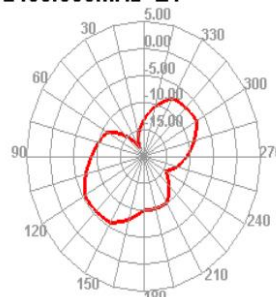
2440.000MHz E1



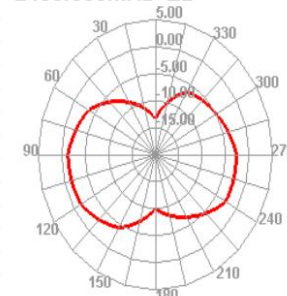
2440.000MHz E2



2480.000MHz E1



2480.000MHz E2



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