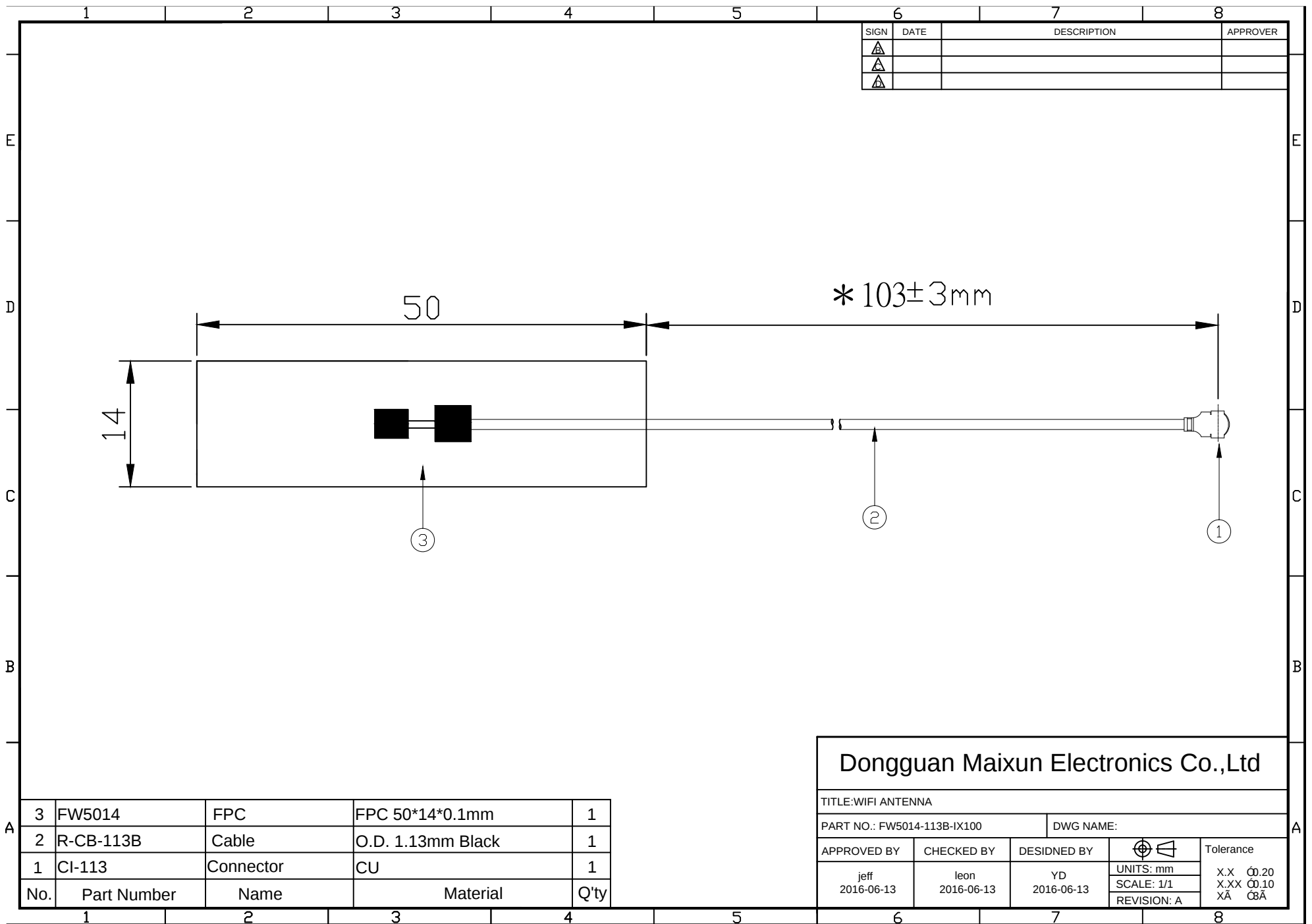


承认书项目表

NO.	内容 (Contents)	页数 (Number of Page)	页码 (Page Code)
1	承认书封面 (Spec Cover)	1	1
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7			
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电性测试报告

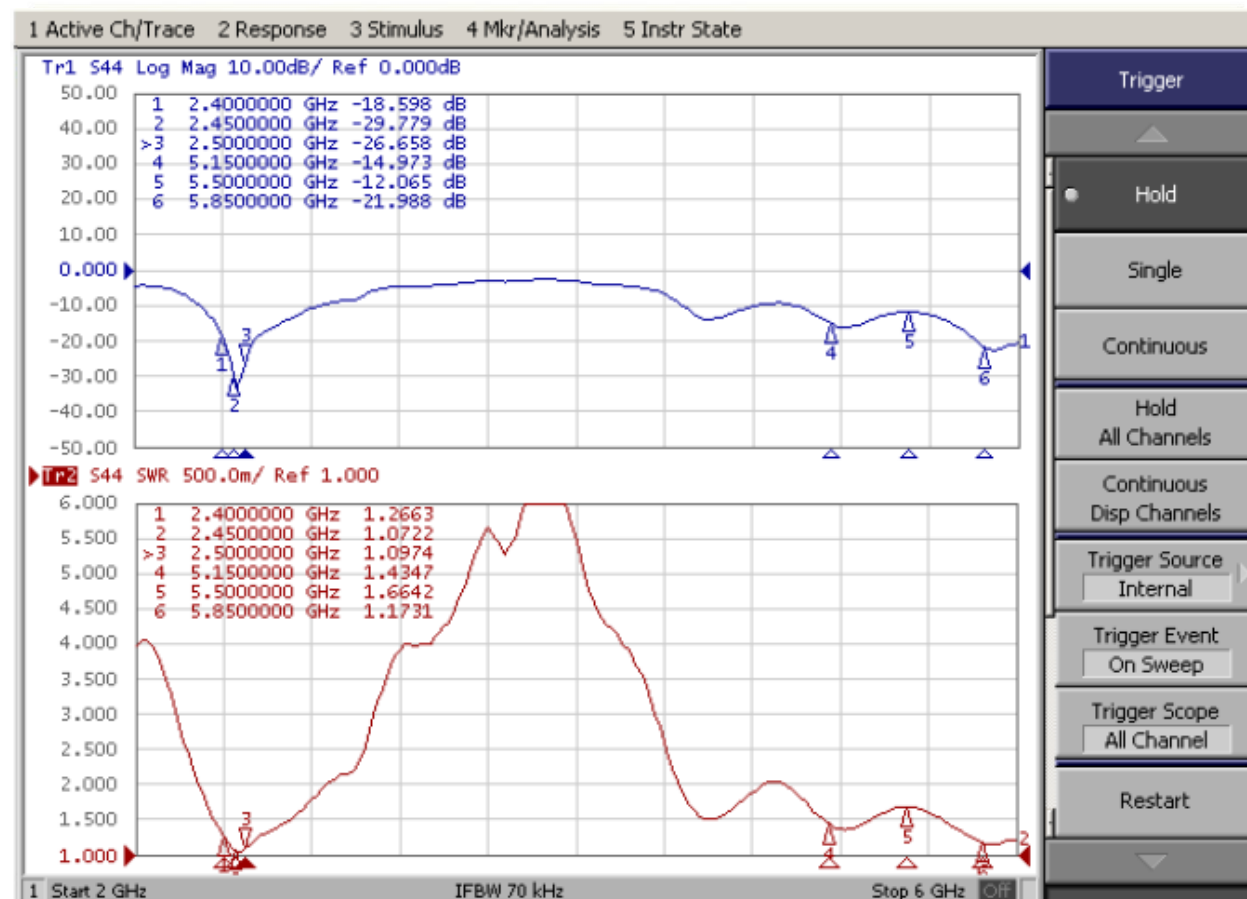
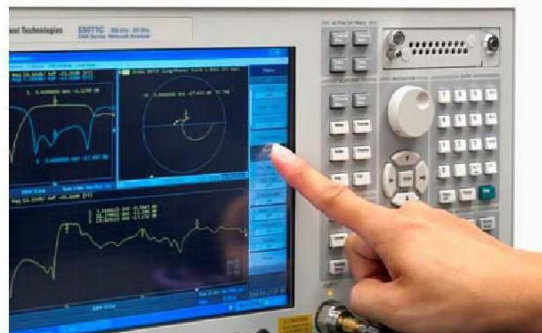
Test Reports

Sample Photo	
A. Electrical Characteristics	
Frequency	2400 ~ 2500 MHz 4900 ~ 5900 MHz
S.W.R.	≤ 2.5 @ 2400 ~ 2500 MHz ≤ 2.5 @ 4900 ~ 5900 MHz
Antenna Gain	$4.0 \pm 0.7\text{dBi}$
Impedance	50 Ohm Nominal
Return Loss	-10 dB Max
Radiation	Omni-directional
Cable Loss	4.9 dB / m Max @ 5000 MHz
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	13
Physical Properties	
Antenna Material	FPCB
Cable Type	O.D. 1.13mm // 125 mm
Operating Temp.	-35 ~ +60 °C
Storage Temp.	-35 ~ +70 °C

S 参数测试

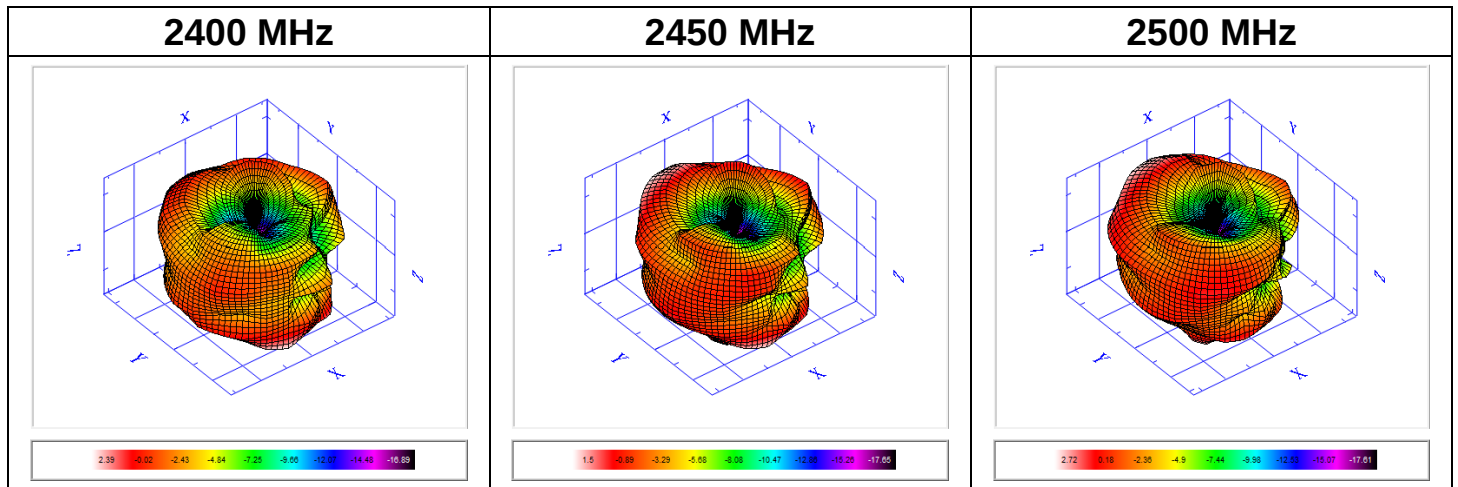
S Parameter Test

Agilent E5071C

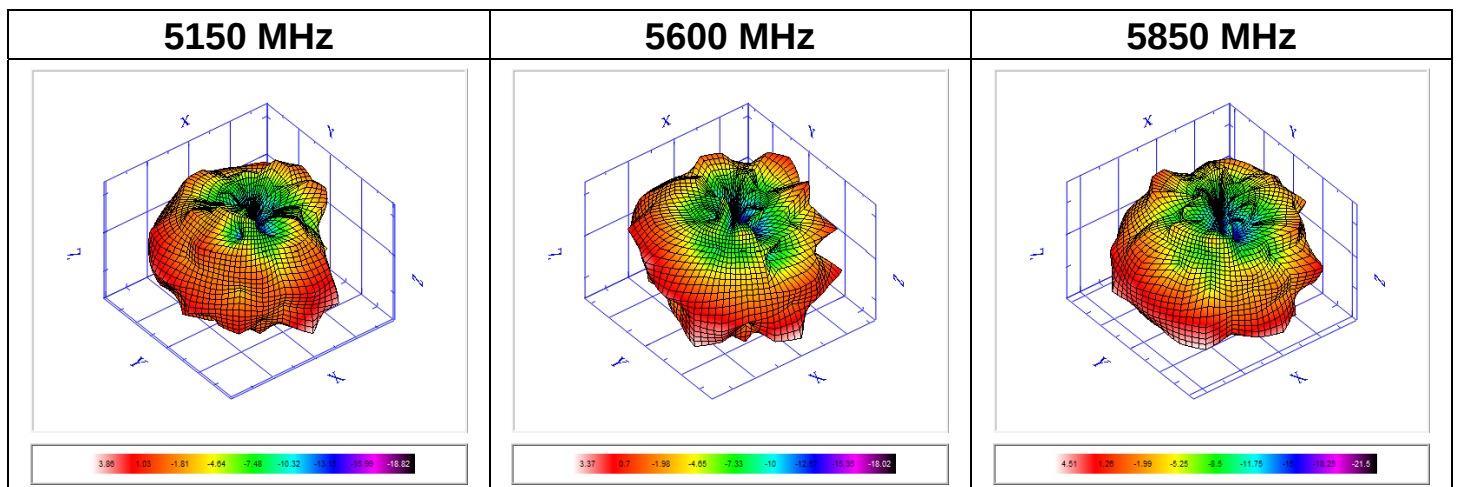


增益测试

Gain Test



Frequency	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
E-Total Peak Gain (dBi)	2.39	2.23	2.38	1.9	1.89	1.5	1.36	1.96	2.65	2.58	2.72
Efficiency (%)	53.71	55.2	56.32	54.43	52.44	50.99	49.46	52.06	57.29	55.92	57.23
Average Gain (dB)	-2.7	-2.58	-2.49	-2.64	-2.8	-2.93	-3.06	-2.84	-2.42	-2.52	-2.42



Frequency	5150	5250	5350	5470	5600	5700	5725	5785	5800	5850
E-Total Peak Gain (dBi)	3.86	1.88	2.91	2.42	3.37	2.42	4.1	4.14	4.24	4.51
Efficiency (%)	59.04	51.08	56.48	56.99	55.38	52.08	55.97	59.45	58.36	62.3
Average Gain (dB)	-2.29	-2.92	-2.48	-2.44	-2.57	-2.83	-2.52	-2.26	-2.34	-2.06