



1. Electrical Parameters

Frequency Range	2.4~2.4835GHz/5.15~5.85GHz
Characteristic Impedance	50Ω
Voltage Standing Wave Ratio (VSWR)	≤2.0
Insulation Resistance	≥5000MΩ
Dielectric Withstand Voltage	≥1500V
Insertion Loss	≤2dB
Storage Temperature	-20℃~+65℃
Operating Temperature	-20℃~+65℃

2. Sample Test report

Item	Test Item	Standard value	NO 1	NO2	NO3	NO4	NO5
1	SMR	≤2.0	1.75	1.89	1.88	1.74	1.85
2	Impedance Test	50Ω±10	49	50	47	43	45

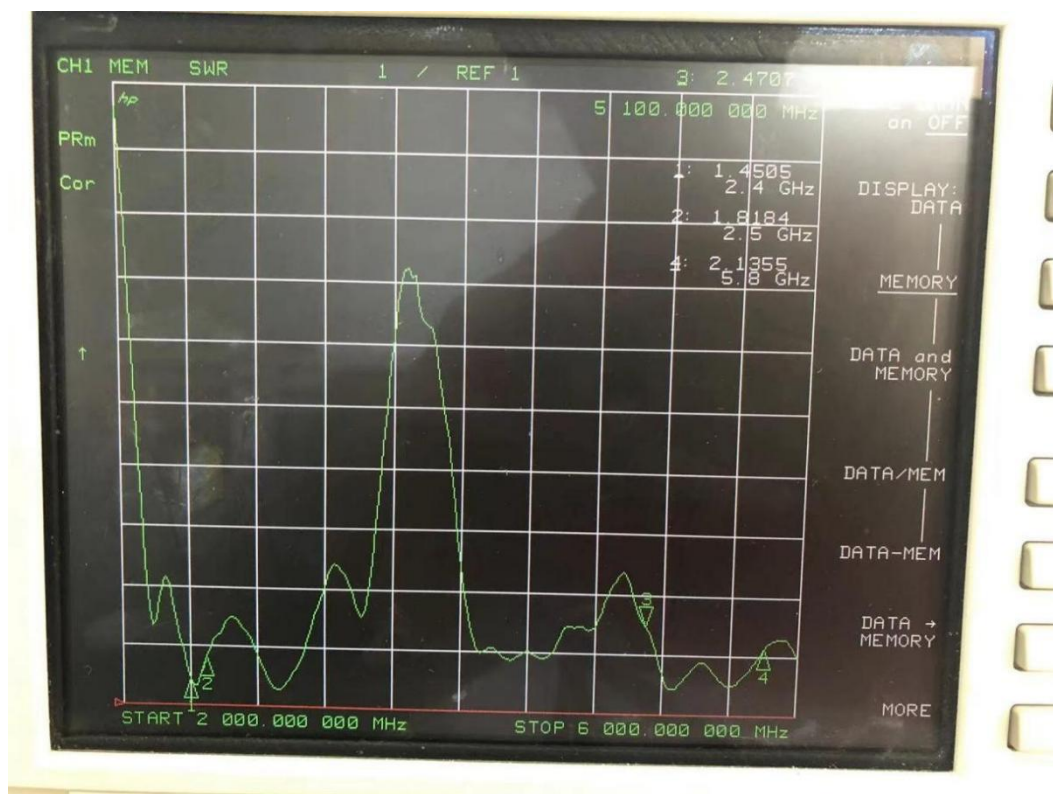


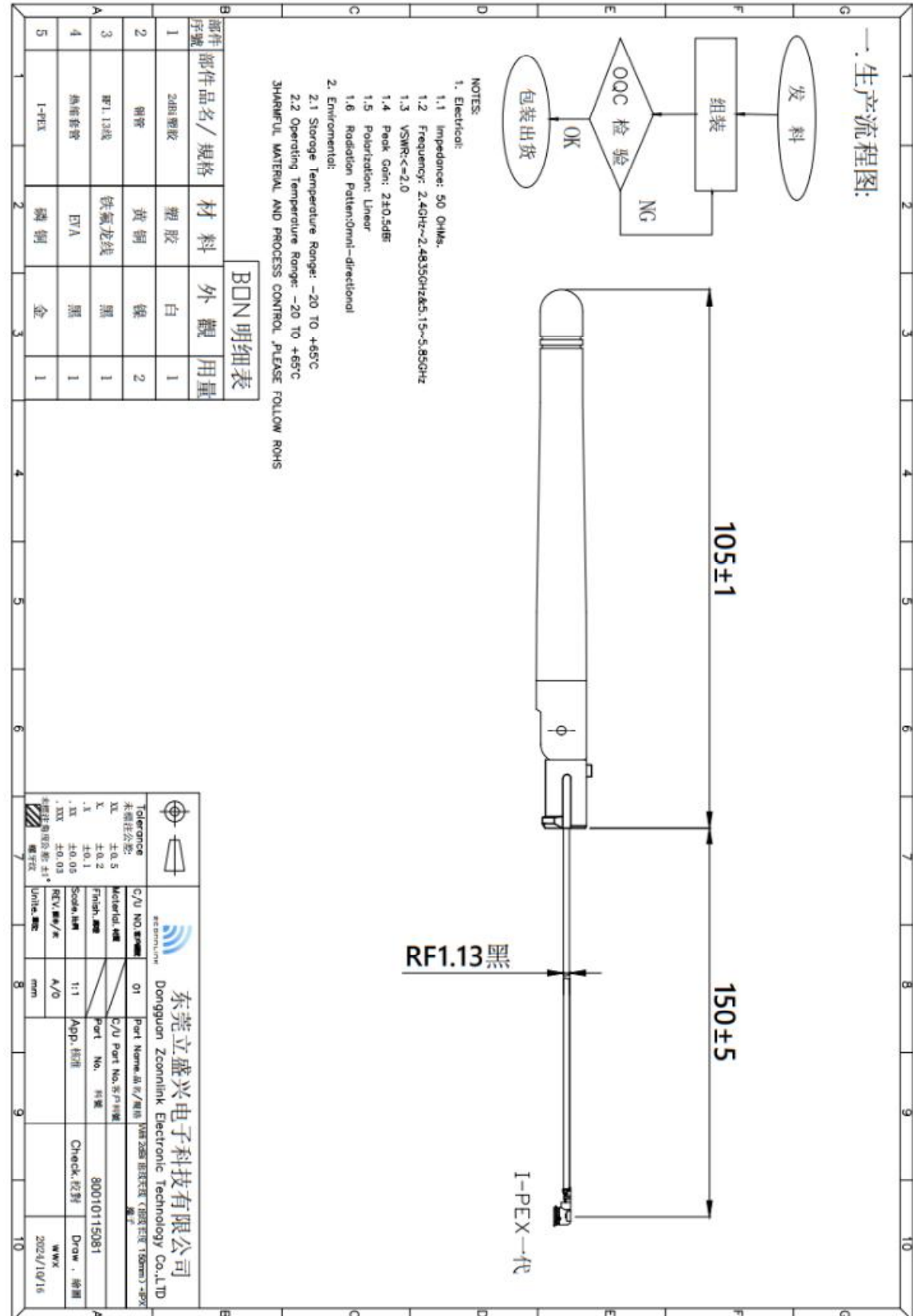
3. Antenna performance testing

HP8753D



SWR Data







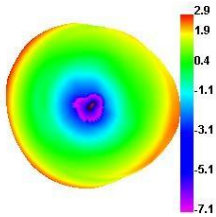
4. OTA Data

Freq (MHz)	Effi (%)	Gain (dBi)	Freq (MHz)	Effi (%)	Gain (dBi)
2400	74.97	2.91	5150	40.66	0.38
2410	70.86	2.52	5200	42.48	0.71
2420	78.65	3.01	5250	47.88	1.32
2430	78.79	3	5300	47.08	0.99
2440	81.68	3.09	5350	58.64	2.08
2450	87.04	3.22	5400	65.71	2.4
2460	85.91	2.88	5450	62.77	2.21
2470	84.91	2.71	5500	67.7	2.29
2480	84.82	2.59	5550	73.22	2.54
2490	91.33	2.87	5600	84.81	3.27
2500	88.32	2.82	5650	87.79	3.52
			5700	72.96	2.8
			5750	80.9	3.29
			5800	77.12	2.98
			5850	85.77	3.59

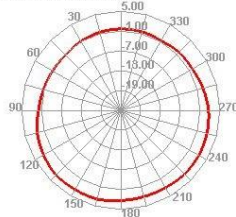


2.4~2.4835GHz

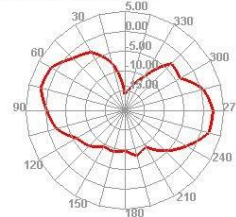
2400.000MHz



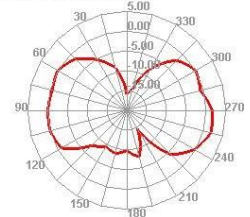
2400.000MHz H



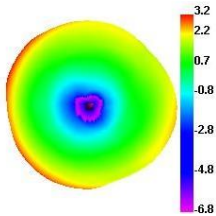
2400.000MHz E1



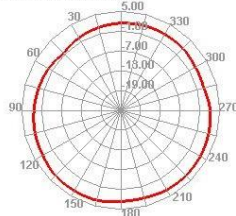
2400.000MHz E2



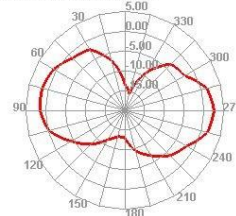
2450.000MHz



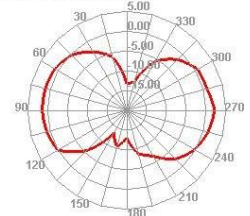
2450.000MHz H



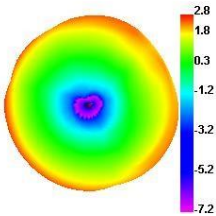
2450.000MHz E1



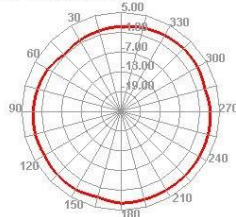
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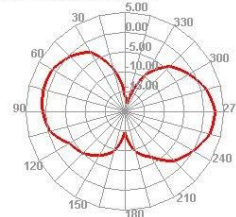
2500.000MHz



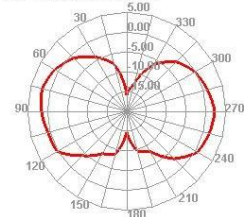
2500.000MHz H



2500.000MHz E1



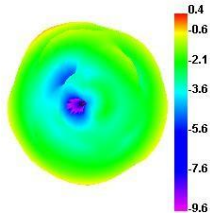
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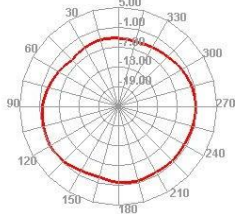


5.15~5.85GHz

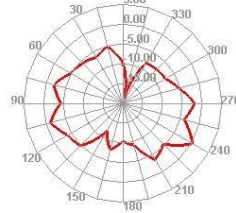
5150.000MHz



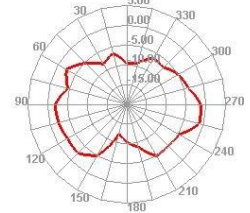
5150.000MHz H



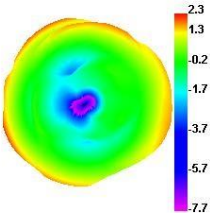
5150.000MHz E1



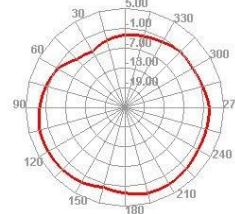
5150.000MHz E2



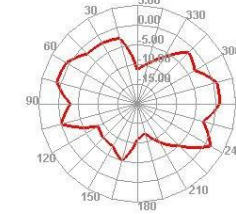
5500.000MHz



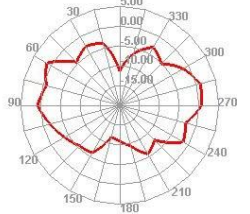
5500.000MHz H



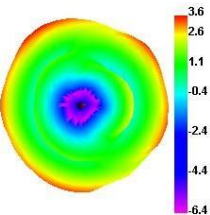
5500.000MHz E1



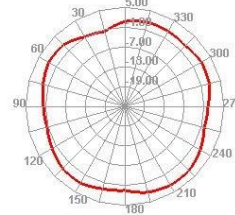
5500.000MHz E2



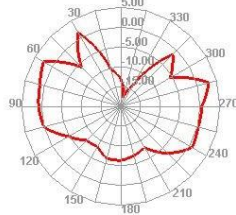
5850.000MHz



5850.000MHz H



5850.000MHz E1



5850.000MHz E2

