

SHENZHEN YCT ELECTRONIC CO.,LTD

Test report

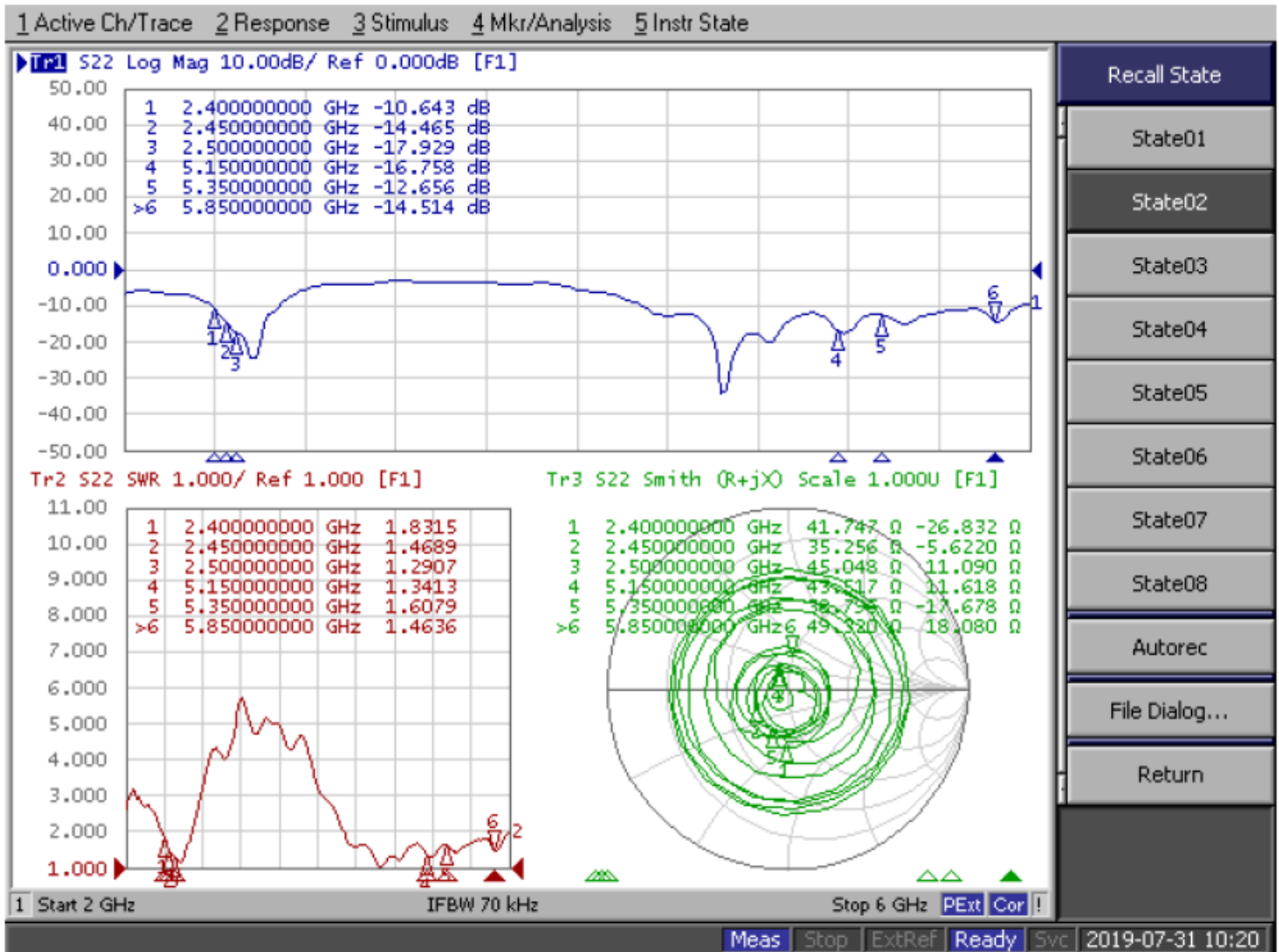
Declaration

Product specifications parameter table

SPECIFICATION+Antenna

DESCRIPTION	VALUE
Frequency range	2400-2500MHZ 5100-5900MHZ
Impedance	50 Ω
V.S.W.R	2.0 Max
Gain	5dBi
Radiation	Omni-directional
Radiating element	1/4 Wave Helical
Polarization	linear Vertical
Admitted power	1W
Connector	SMA
Operating temp	-10℃~+60℃
Storage temp	-10℃~+70℃

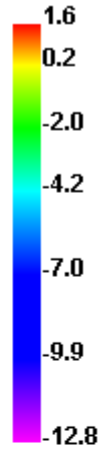
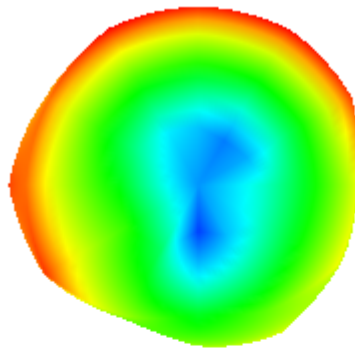
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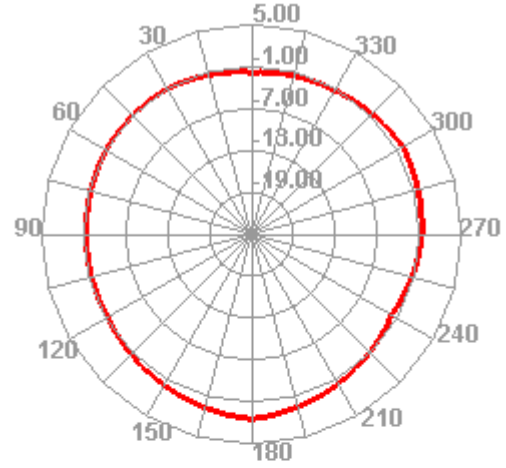
Test Point ID	Freq. (MHz)	TRP (dBm)	Gain (dBi)	Directivity (dBi)	Efficiency (%)	Efficiency (dB)	Max (dBm)	Theta of Max	Phi of Max	Min (dBm)	Theta of Min	Phi of Min	AVG (dBm)	Max/Min (dB)	Max/AVG (dB)	Min/AVG (dB)
1	2400.0	2400.00	4.41	5.18	83.7%	-0.77	4.41	105	45	-16.00	0	150	-1.76	20.42	6.17	-14.24
2	2410.0	2410.00	4.15	5.01	82.1%	-0.86	4.15	105	45	-18.49	0	150	-1.83	22.65	5.98	-16.66
3	2420.0	2420.00	3.76	4.73	79.9%	-0.97	3.76	105	45	-20.35	75	300	-1.92	24.11	5.68	-18.44
4	2430.0	2430.00	3.55	4.56	79.2%	-1.01	3.55	105	120	-21.29	75	300	-1.94	24.85	5.49	-19.35
5	2440.0	2440.00	3.59	4.59	79.4%	-1.00	3.59	105	120	-20.31	75	300	-1.93	23.89	5.52	-18.37
6	2450.0	2450.00	3.74	4.64	81.3%	-0.90	3.74	105	120	-19.85	180	150	-1.81	23.59	5.55	-18.04
7	2460.0	2460.00	3.63	4.56	80.7%	-0.93	3.63	105	120	-19.17	180	150	-1.78	22.80	5.42	-17.38
8	2470.0	2470.00	3.26	4.34	77.9%	-1.09	3.26	105	120	-24.82	75	75	-1.88	28.07	5.13	-22.94
9	2480.0	2480.00	3.31	4.36	78.4%	-1.05	3.31	120	270	-20.74	75	75	-1.82	24.04	5.12	-18.92
10	2490.0	2490.00	3.40	4.47	78.1%	-1.07	3.40	120	270	-21.27	75	90	-1.84	24.67	5.24	-19.43
11	2500.0	2500.00	3.26	4.51	75.0%	-1.25	3.26	120	270	-18.09	75	90	-2.03	21.35	5.29	-16.06

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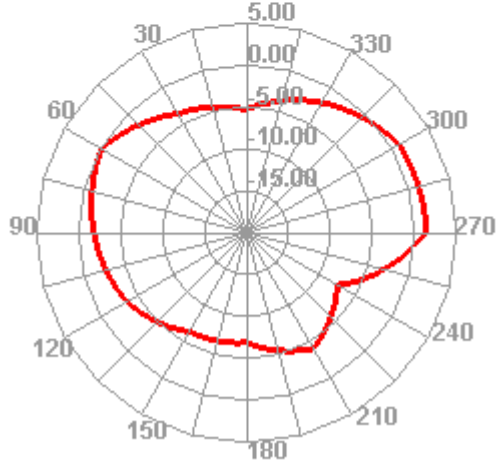
2400.000MHz



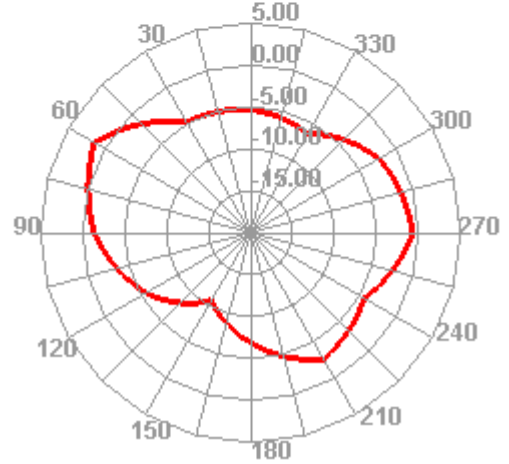
2400.000MHz H



2400.000MHz E1

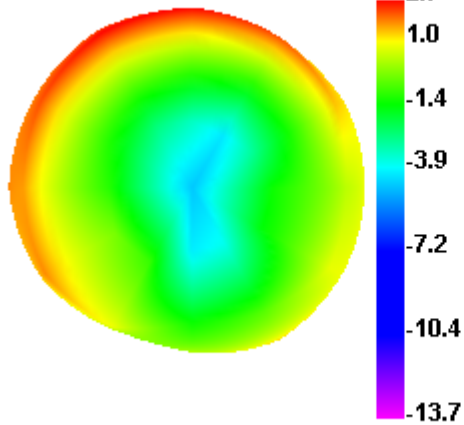


2400.000MHz E2

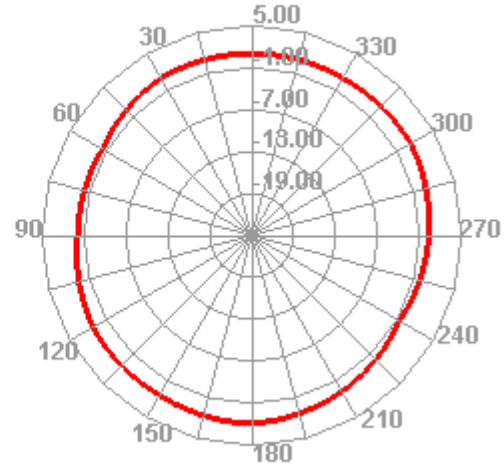


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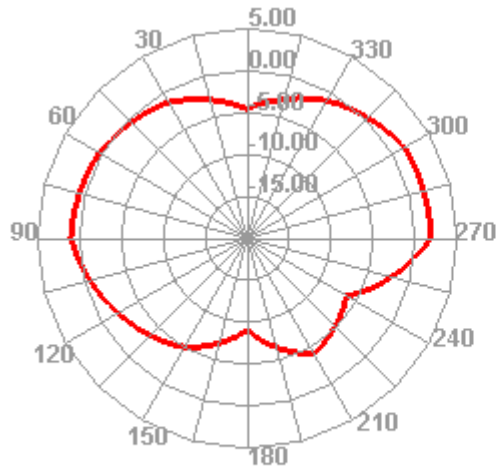
2450.000MHz



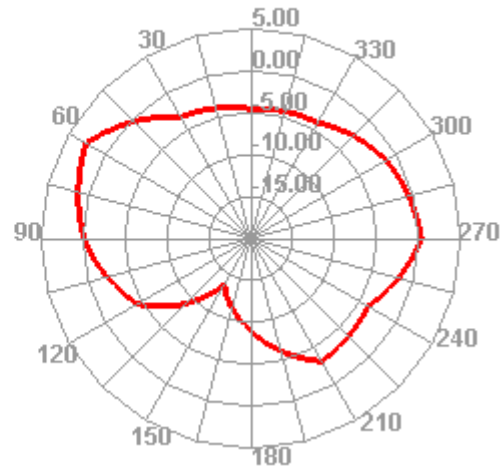
2450.000MHz H



2450.000MHz E1

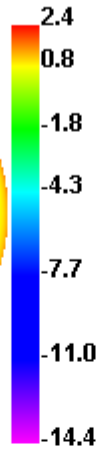
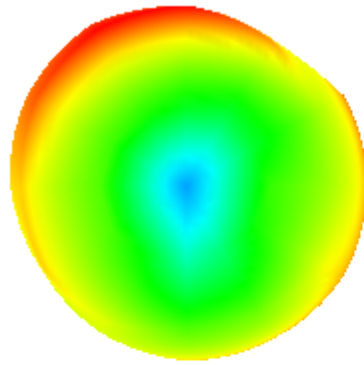


2450.000MHz E2

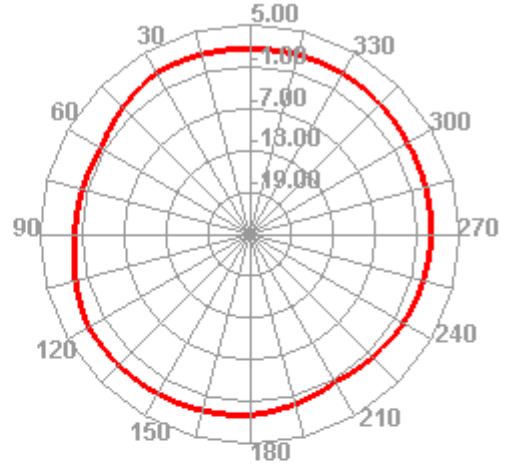


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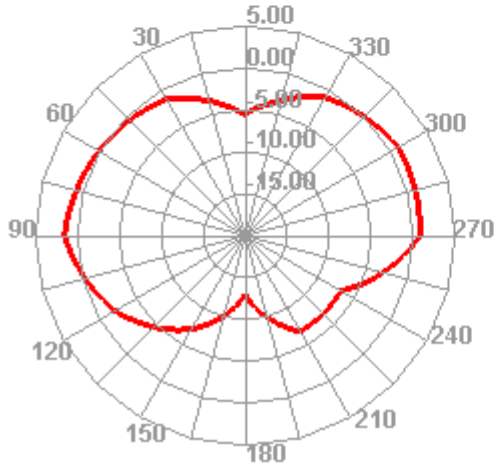
2500.000MHz



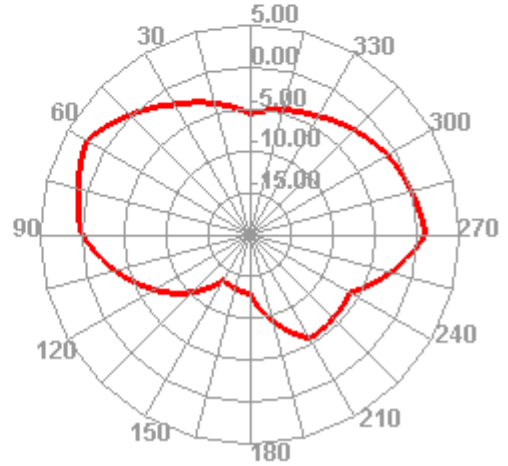
2500.000MHz H



2500.000MHz E1



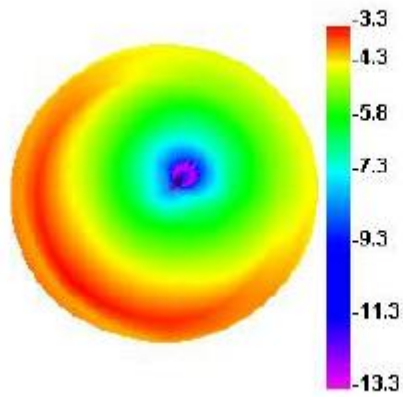
2500.000MHz E2



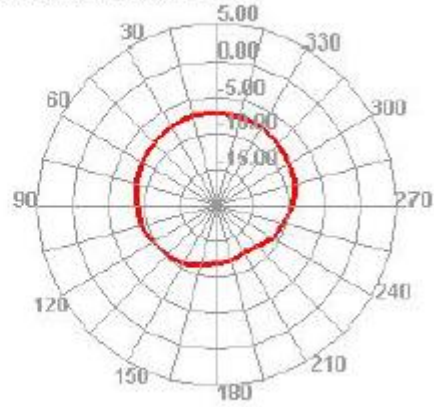
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频率 (Mhz)	5100	5200	5300	5400	5500	5600	5700	5800	5900	
效率 (%)	43.57	40.18	46.56	48.55	49.81	46.99	43.95	41.88	36.64	
增益 (dBi)	0.94	2.49	3.19	1.34	2.55	4.27	2.57	1.6	2.63	

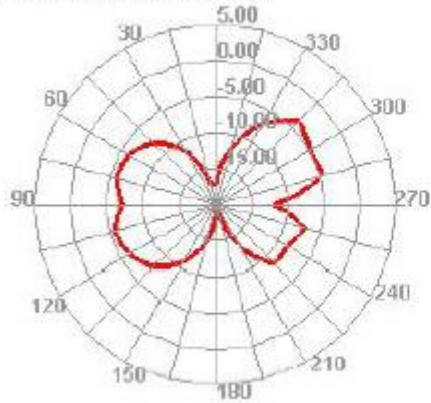
5150.000MHz



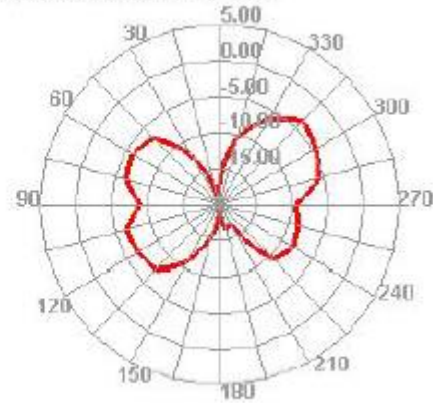
5150.000MHz H



5150.000MHz E1

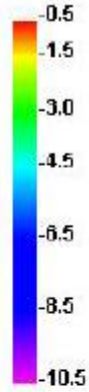
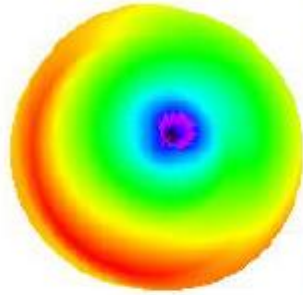


5150.000MHz E2

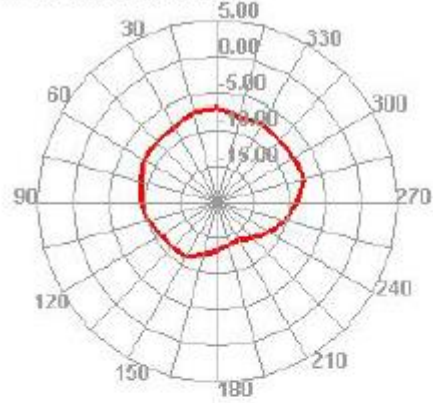


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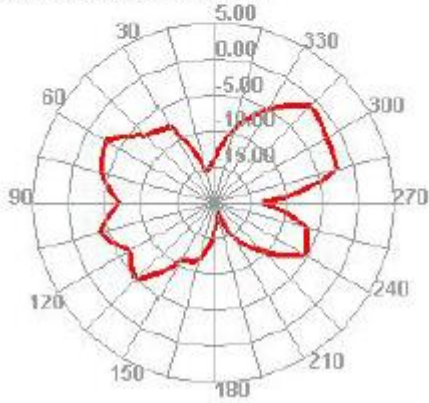
5500.000MHz



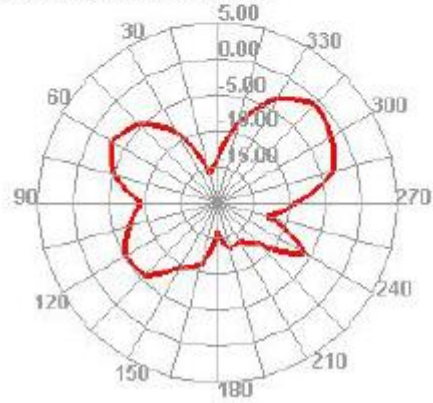
5500.000MHz H



5500.000MHz E1

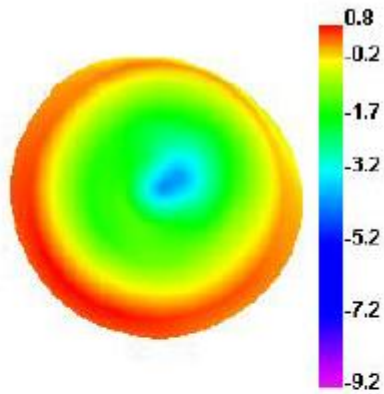


5500.000MHz E2

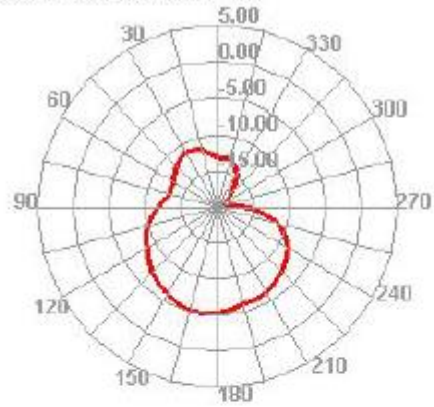


Test report

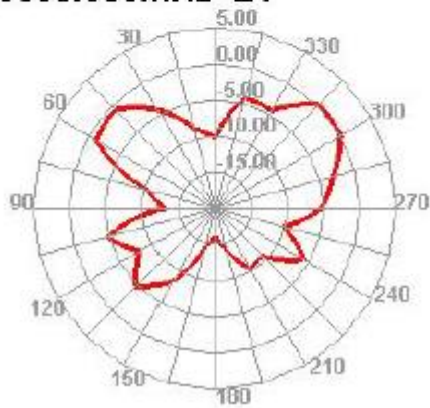
5850.000MHz



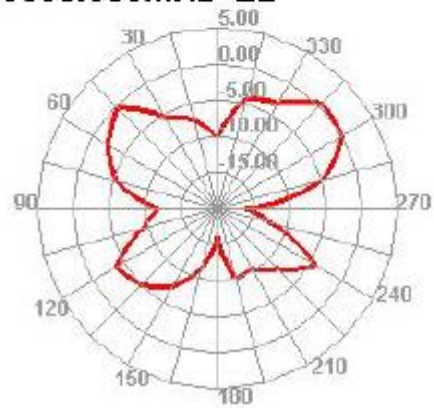
5850.000MHz H



5850.000MHz E1



5850.000MHz E2



Test report

Antenna :

