

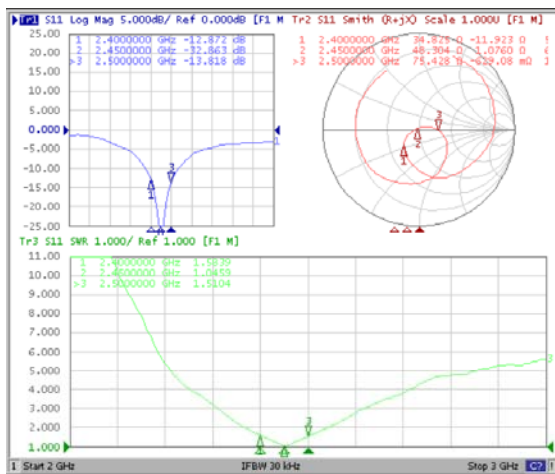
IPTVANTENNA REPORT

Antenna Active Measurements in Chamber

Customer	卓异	Date	2022/10/31	IMEI	
Model No	IPTV	Fixture No.		Status	
Test Engr		Temperature	32 °C	Humidity	62%

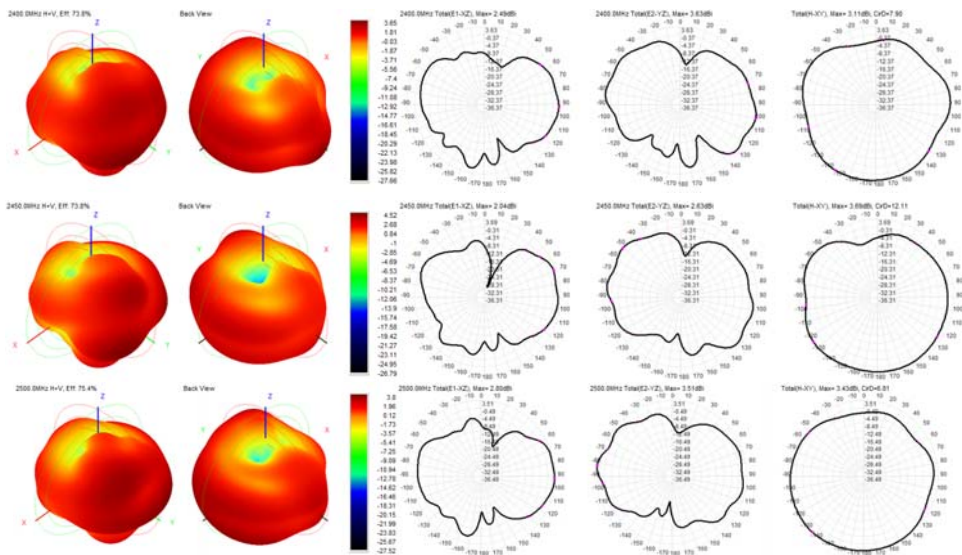
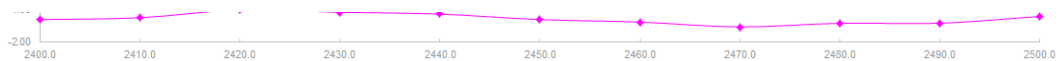
IPTV

2.4G-WiFi 11b 11M tx 11M rx	Channel	TRP	EIRP	Channel	TIS	EIS
	ch1	17.23	21.51	ch1	-89.38	93.66
	ch7	16.03	20.22	ch7	-89.72	93.91
	ch13	16.21	20.37	ch13	-88.55	92.71
2.4G-WiFi 11g 6M tx 54M rx	Channel	TRP	EIRP	Channel	TIS	EIS
	ch1	18.28	22.2	ch1	-72.81	76.73
	ch7	18.57	22.57	ch7	-72.8	76.8
	ch13	19.48	23.29	ch13	-72.82	76.63
2.4G-WiFi 11n MCS7	Channel	TRP	EIRP	Channel	TIS	EIS
	ch1	18.17	22.21	ch1	-71.86	75.9
	ch7	19.34	23.43	ch7	-71.41	75.5
	ch13	19.68	24.21	ch13	-70.2	74.73



Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Efficiency (dBi)	-1.32	-1.26	-1.03	-1.10	-1.15	-1.32	-1.40	-1.54	-1.43	-1.43	-1.23
Gain (dBi)	3.65	3.87	4.39	4.54	4.64	4.52	4.36	4.23	4.26	3.99	3.80
Efficiency (%)	73.78	74.75	78.96	77.63	76.67	73.78	72.52	70.13	71.95	71.94	75.41
Directivity (dB)	4.98	5.14	5.41	5.64	5.79	5.84	5.76	5.77	5.69	5.42	5.03
Peak Gain Position (Theta)	100.00	84.00	83.00	83.00	83.00	82.00	82.00	81.00	81.00	81.00	82.00
Peak Gain Position (Phi)	272.00	69.00	70.00	69.00	67.00	66.00	119.00	115.00	112.00	108.00	105.00
Efficiency ThetaPol (%)	66.44	67.26	71.29	70.50	69.87	67.45	66.54	64.57	66.62	66.93	70.06
Efficiency PhiPol (%)	7.34	7.50	7.67	7.13	6.80	6.33	5.98	5.56	5.33	5.01	5.35
Upper Hem. Efficiency (%)	41.50	42.62	45.47	44.95	44.56	42.98	42.19	40.73	41.65	41.44	43.26
Lower Hem. Efficiency (%)	32.28	32.13	33.50	32.69	32.11	30.80	30.33	29.40	30.30	30.50	32.14





Antenna

