

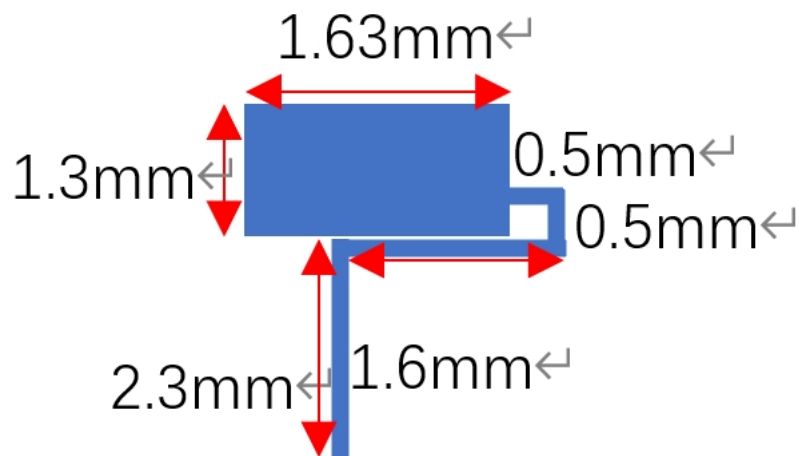
Shenzhen First Line Cable Co. LTD

Address: Building 21, Wanfeng 98 Industrial City, Shajing Street, Baoan District, Shenzhen City

Antenna Specification for Approval

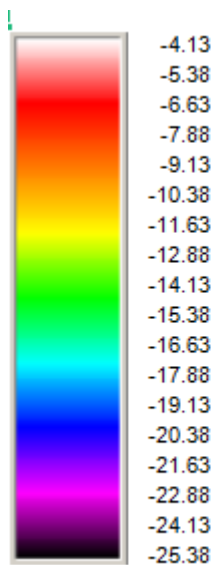
Model NO.: _____ TS 01 _____

Antenna size

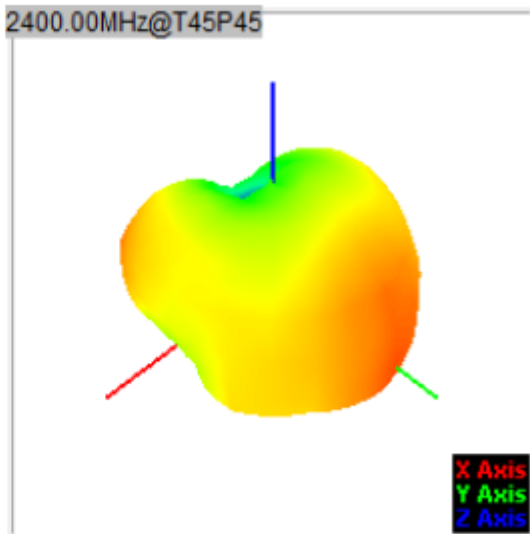


FEITUKEJI											
Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Point Values											
Ant. Port Input Pwr. (dBm)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tot. Rad. Pwr. (dBm)	-8.42	-8.19	-7.98	-7.54	-7.38	-7.09	-7.04	-7.41	-7.39	-7.36	-7.47
Peak EIRP (dBm)	-4.13	-4.02	-3.91	-3.52	-3.34	-3.04	-3.52	-3.27	-3.09	-4.02	-3.06
Directivity (dBi)	4.29	4.17	4.06	4.02	4.04	4.05	4.01	4.14	4.30	4.39	4.41
Efficiency (dB)	-8.42	-8.19	-7.98	-7.54	-7.38	-7.09	-7.04	-7.41	-7.39	-7.36	-7.47
Efficiency (%)	14.40	15.20	15.90	17.60	18.30	19.60	19.80	18.20	18.20	18.30	17.90
Gain (dBi)	-4.13	-4.02	-3.91	-3.52	-3.34	-3.04	-3.02	-3.27	-3.09	-2.97	-3.06
NHPRP $\pm$ Pi/4 (dBm)	-9.16	-8.92	-8.70	-8.25	-8.09	-7.80	-7.75	-8.11	-8.09	-8.05	-8.17
NHPRP $\pm$ Pi/6 (dBm)	-10.32	-10.09	-9.88	-9.44	-9.28	-9.00	-8.96	-9.32	-9.28	-9.24	-9.34
NHPRP $\pm$ Pi/8 (dBm)	-11.24	-11.03	-10.84	-10.41	-10.27	-9.99	-9.95	-10.31	-10.26	-10.20	-10.28
Upper Hem. PRP (dBm)	-11.05	-10.84	-10.65	-10.24	-10.12	-9.88	-9.93	-10.40	-10.44	-10.42	-10.53
Lower Hem. PRP (dBm)	-11.85	-11.59	-11.34	-10.87	-10.68	-10.32	-10.17	-10.44	-10.37	-10.33	-10.43
Upper Hem. PRP (%)	7.85	8.24	8.60	9.46	9.72	10.27	10.17	9.11	9.04	9.07	8.86
Lower Hem. PRP (%)	6.54	6.94	7.34	8.18	8.55	9.29	9.62	9.04	9.19	9.28	9.05

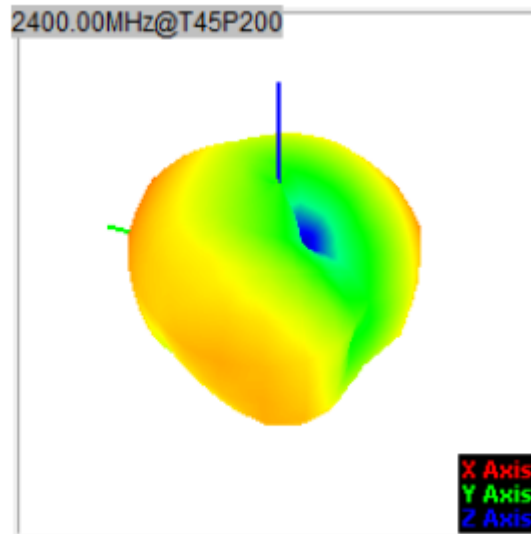
—◆— Efficiency (%)

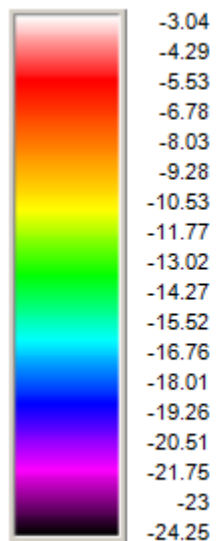


2400.00MHz@T45P45

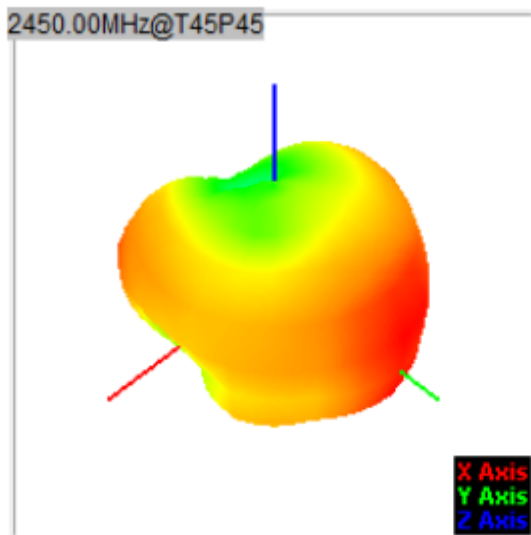


2400.00MHz@T45P200

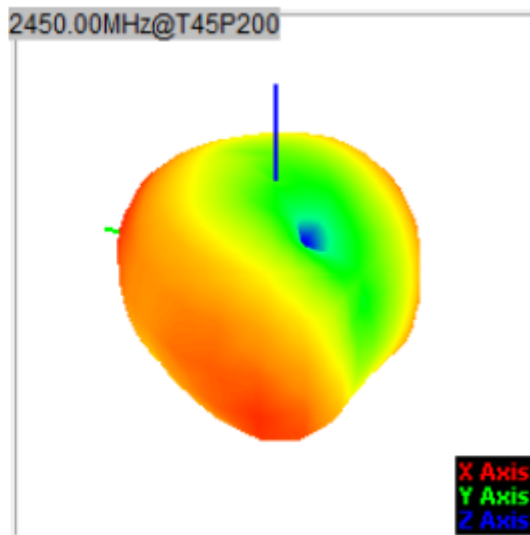


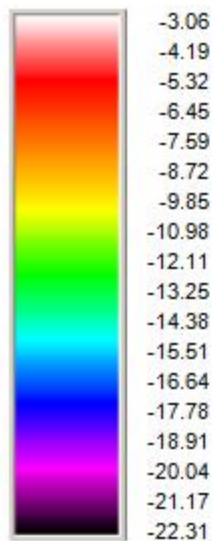


2450.00MHz@T45P45

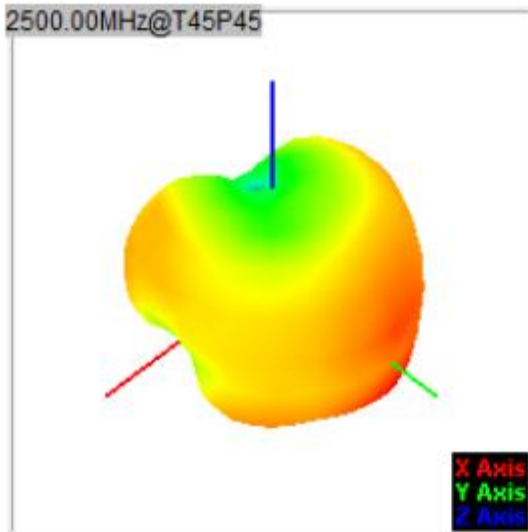


2450.00MHz@T45P200





2500.00MHz@T45P45



2500.00MHz@T45P200

