

Antenna test report

Model : LED_LAMP

Manufacturer : FOSHAN ELECTRICAL & LIGHTING CO LTD

Manufacturer Address : 64 NORTH FENJIANG RD FOSHAN, Guangdong 528000
China

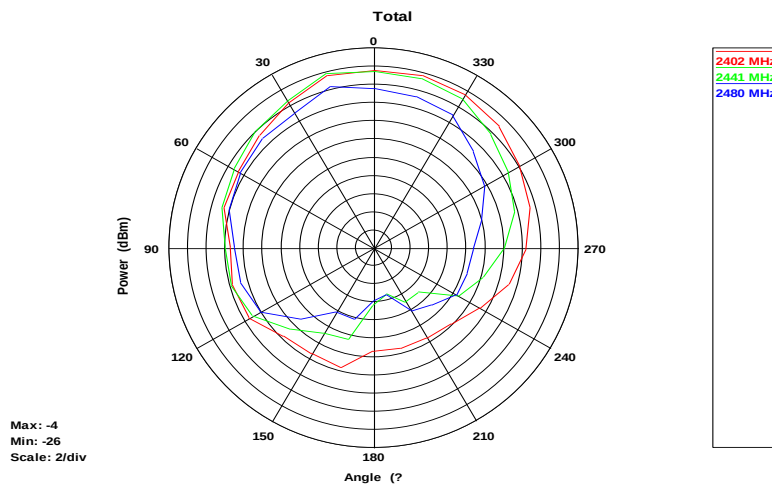
Test Date: 2024/6/24

1. Antenna Gain

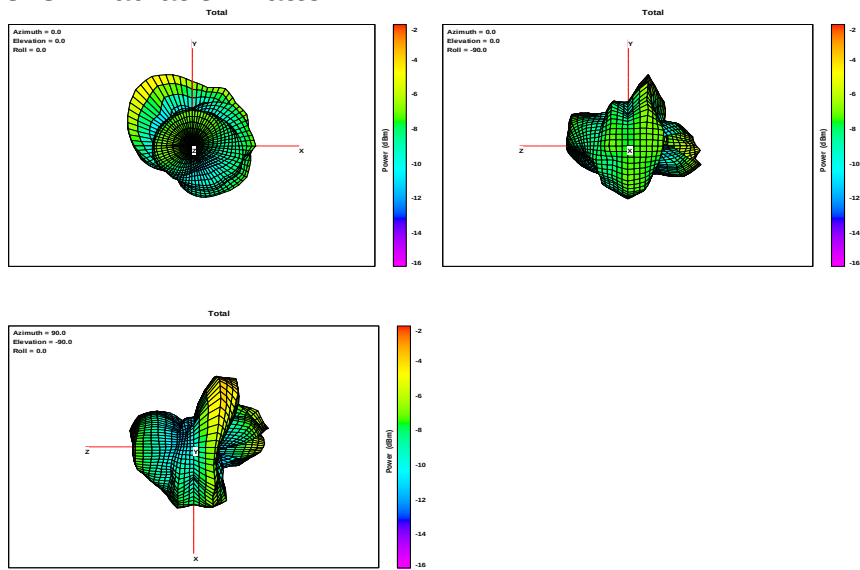
Frequency (MHz)	Efficiency (dB)	Efficiency (%)	Gain (dBi)
2350	-8.72	13.42	-3.38
2355	-8.69	13.51	-3.52
2360	-8.43	14.37	-3.25
2365	-8.52	14.06	-3.52
2370	-8.37	14.56	-3.48
2375	-8.62	13.73	-3.86
2380	-8.44	14.34	-3.82
2385	-8.48	14.19	-4.00
2390	-8.44	14.31	-4.09
2395	-8.39	14.48	-4.16
2400	-8.70	13.49	-4.54
2402	-8.66	13.62	-4.55
2405	-8.66	13.61	-4.51
2410	-8.79	13.22	-4.69
2415	-8.63	13.70	-4.39
2420	-8.53	14.02	-4.05
2425	-8.68	13.54	-4.24
2430	-8.77	13.28	-4.09
2435	-9.14	12.20	-4.56
2440	-9.16	12.15	-4.54
2441	-9.12	12.26	-4.50
2445	-9.13	12.21	-4.47
2450	-9.06	12.42	-4.37
2455	-8.84	13.06	-4.01
2460	-8.97	12.67	-4.05
2465	-8.98	12.64	-3.95
2470	-9.32	11.69	-4.31

2475	-9.43	11.39	-4.50
2480	-9.62	10.91	-4.69
2482	-9.71	10.70	-4.81
2485	-9.74	10.62	-4.81
2490	-9.79	10.50	-4.89
2495	-9.65	10.85	-4.75
2500	-9.56	11.07	-4.60
2505	-9.34	11.64	-4.43
2510	-9.23	11.95	-4.47
2515	-9.29	11.78	-4.64
2520	-9.41	11.45	-4.97
2525	-9.78	10.53	-5.57
2530	-9.95	10.11	-6.06
2535	-10.07	9.83	-6.25
2540	-10.00	10.01	-6.28
2545	-9.79	10.49	-6.15
2550	-9.61	10.93	-5.97
2555	-9.52	11.18	-5.80
2560	-9.49	11.25	-5.82
2565	-9.50	11.23	-5.80
2570	-9.53	11.13	-5.86
2575	-9.40	11.49	-5.72
2580	-9.47	11.30	-5.81

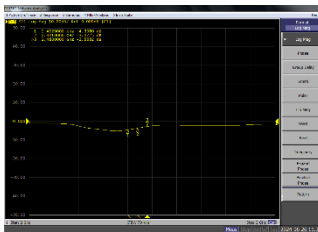
2. 2D Radiation Pattern



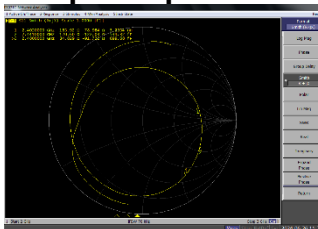
3. 3D Radiation Pattern



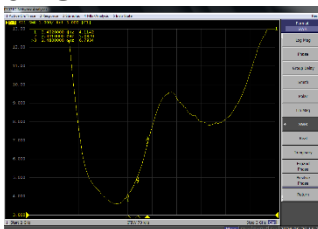
4. Return Loss



5. Input Impedance



6. VSWR



7. Antenna size

