

深圳市千目通讯科技有限公司

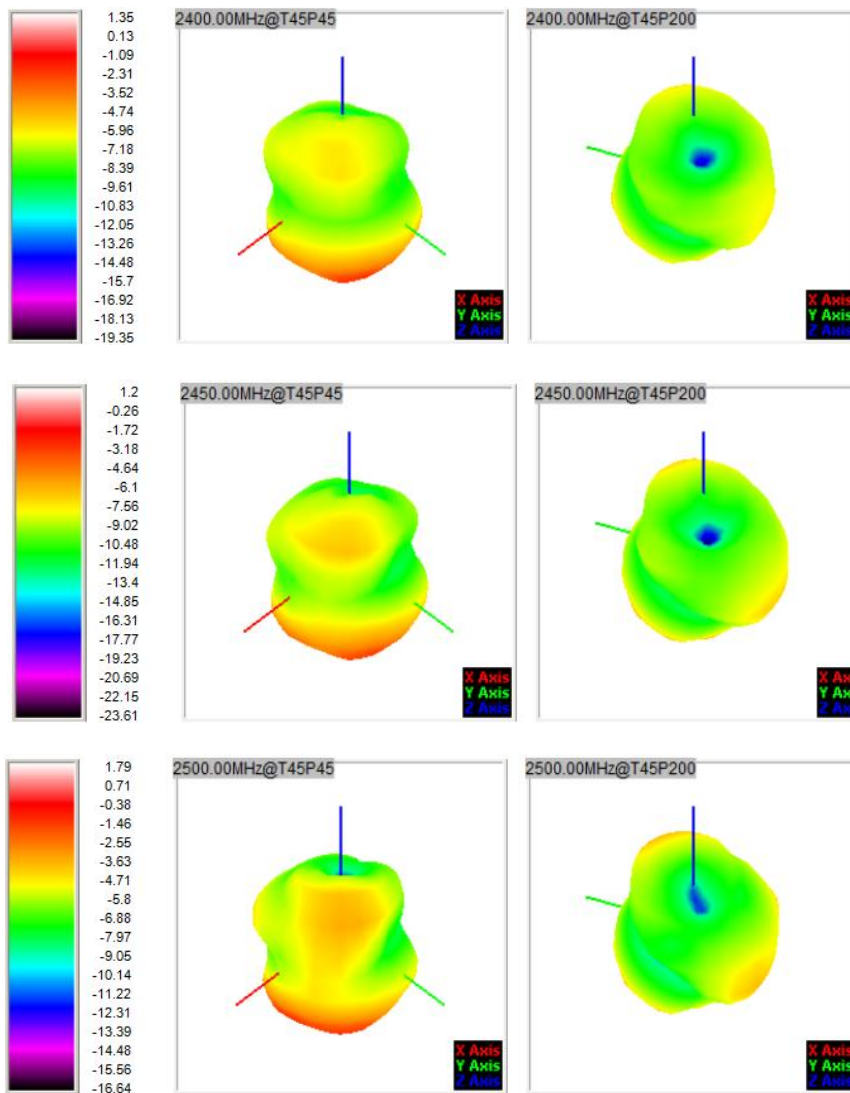
Shenzhen Qianmu Communication Technology Co.,Ltd.

Antenna specification

Model	S2311		
Client	Shenzhen See Me Here Electronic Co.,Ltd		
	Content of product	Specification	Material code
Describe	BT Antenna	2.4G MW_2S_BT-1.0	04.3.1.87.0117
NO	Date	Versions	
1	2024-05-18	V1.0	
2			
3			

Antenna benefits and gains

Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Ant. Port Input Pwr. (dBm)	0	0	0	0	0	0	0	0	0	0	0
Tot. Rad. Pwr. (dBm)	-3.96	-4.03	-4.12	-3.88	-4.1	-3.75	-4	-4.08	-4.04	-3.67	-3.64
Peak EIRP (dBm)	1.35	1.25	1.11	1.21	0.89	1.2	0.99	0.97	1.12	1.66	1.79
Directivity (dBi)	5.31	5.27	5.23	5.09	4.99	4.94	4.99	5.05	5.15	5.33	5.44
Efficiency (dB)	-3.96	-4.03	-4.12	-3.88	-4.1	-3.75	-4	-4.08	-4.04	-3.67	-3.64
Efficiency (%)	40.2	39.6	38.7	40.9	38.9	42.2	39.8	39.1	39.5	43	43.2
Gain (dBi)	1.35	1.25	1.11	1.21	0.89	1.2	0.99	0.97	1.12	1.66	1.79
NHPRP $\pm\pi/4$ (dBm)	-5.44	-5.53	-5.65	-5.43	-5.67	-5.31	-5.53	-5.57	-5.49	-5.09	-5.07
NHPRP $\pm\pi/6$ (dBm)	-7.15	-7.25	-7.38	-7.16	-7.4	-7.03	-7.25	-7.27	-7.18	-6.77	-6.75
NHPRP $\pm\pi/8$ (dBm)	-8.52	-8.63	-8.75	-8.51	-8.73	-8.36	-8.56	-8.57	-8.47	-8.06	-8.06
Upper Hem. PRP (dBm)	-8.59	-8.67	-8.8	-8.61	-8.84	-8.48	-8.74	-8.82	-8.74	-8.29	-8.14
Lower Hem. PRP (dBm)	-5.79	-5.85	-5.92	-5.67	-5.88	-5.53	-5.78	-5.85	-5.83	-5.5	-5.55
Upper Hem. PRP (%)	13.84	13.59	13.18	13.78	13.06	14.19	13.38	13.12	13.36	14.83	15.33
Lower Hem. PRP (%)	26.34	25.98	25.56	27.13	25.82	27.99	26.44	25.98	26.12	28.16	27.89



Antenna size diagram

