

Shenzhen Qianmu Communication Technology Co.,Ltd.

Antenna Specification

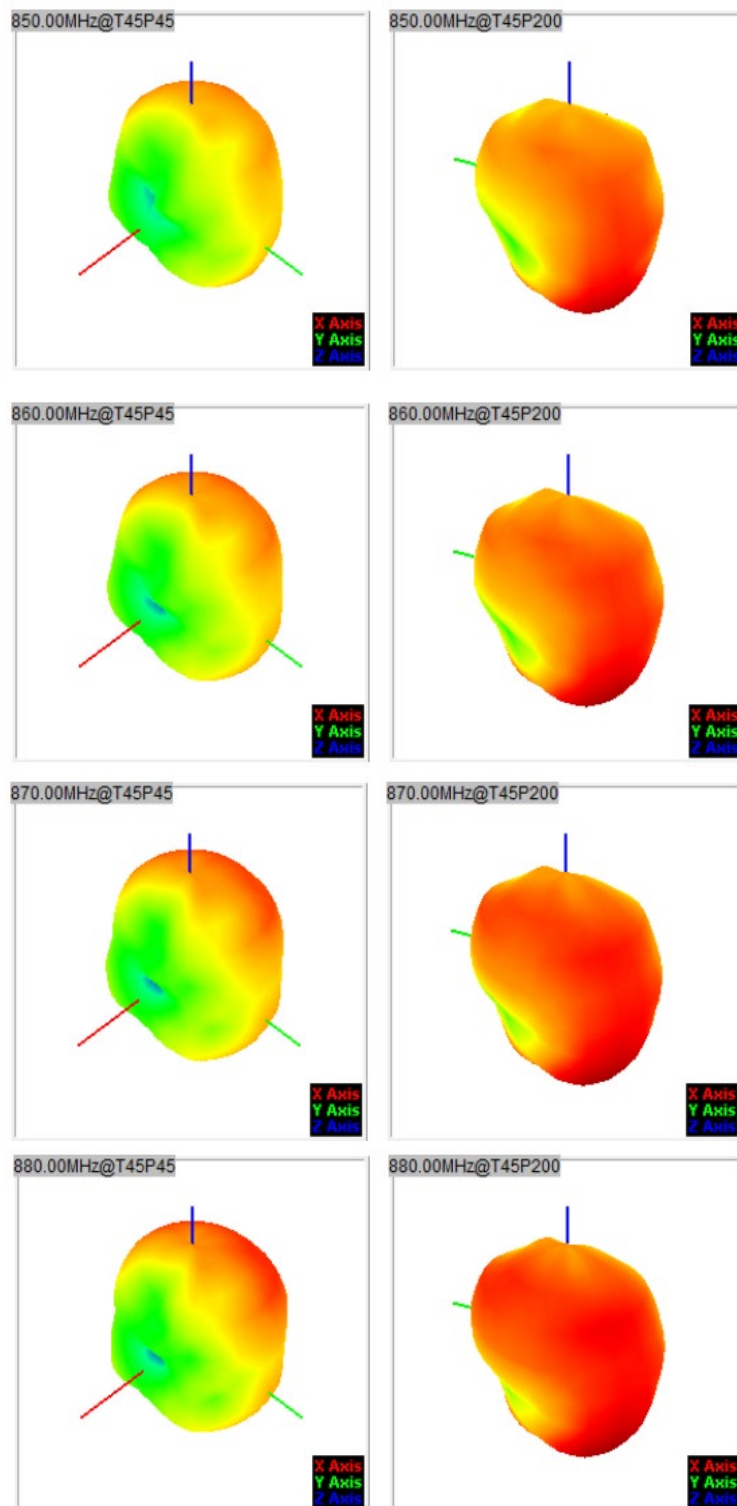
Applicable	T-Deck, T-Deck plus		
	Products	Antenna Composition	Material code
	Antenna	FPC/Black/QM-T-Deck-V1.1+Generation Terminal 1.13*100mm+Conductive Foam	03.YLHH101436

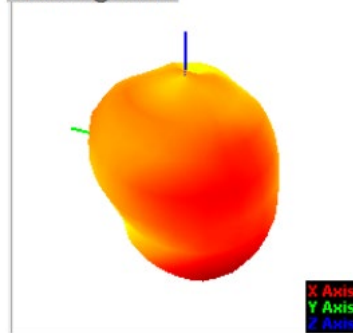
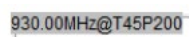
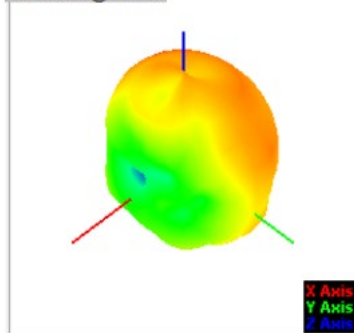
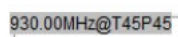
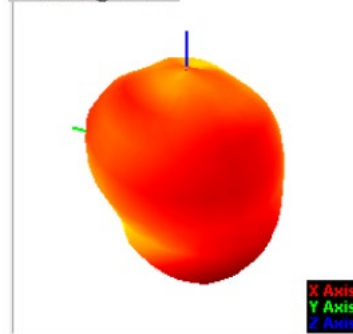
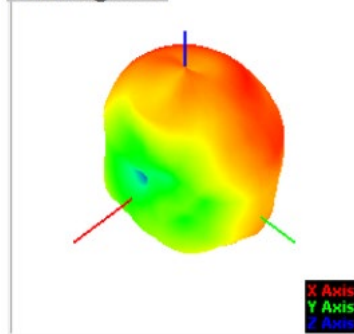
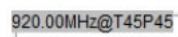
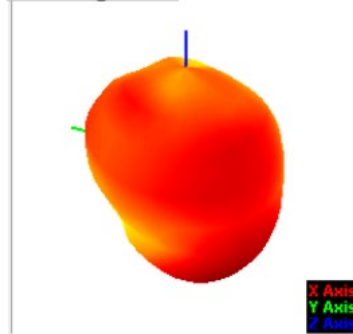
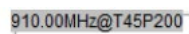
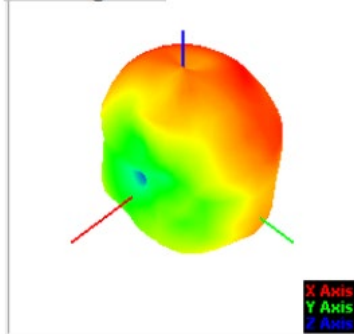
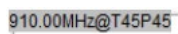
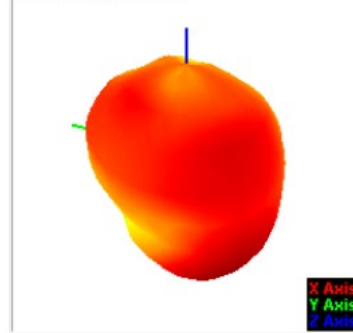
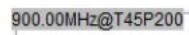
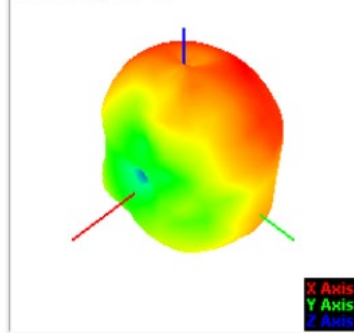
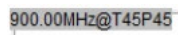
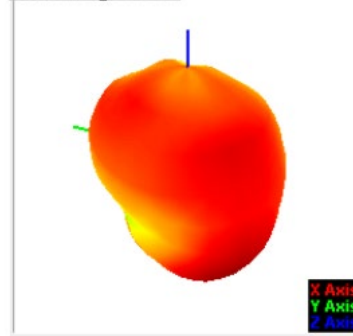
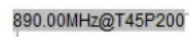
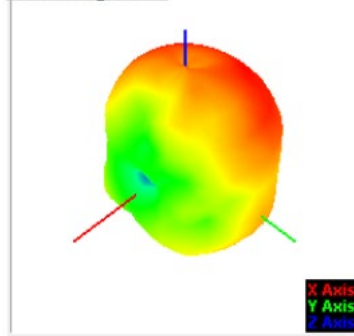
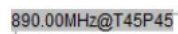
R&D		Structure		Audit	
				Judgment	
				PASS ☒	
				FAIL ☐	

一、Antenna Gain Efficiency

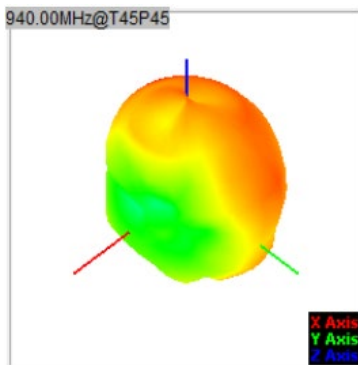
Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	850.0	860.0	870.0	880.0	890.0	900.0	910.0	920.0	930.0	940.0	950.0
Ant. Port Input Pwr. (dBm)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tot. Rad. Pwr. (dBm)	-6.14	-5.82	-5.56	-5.43	-5.19	-5.01	-4.98	-4.86	-4.89	-5.02	-5.08
Peak EIRP (dBm)	0.36	0.54	0.60	0.48	0.47	0.51	0.57	0.99	1.01	0.78	1.04
Directivity (dBi)	6.50	6.35	6.17	5.92	5.66	5.52	5.54	5.85	5.91	5.80	6.13
Efficiency (dB)	-6.14	-5.82	-5.56	-5.43	-5.19	-5.01	-4.98	-4.86	-4.89	-5.02	-5.08
Efficiency (%)	24.30	26.20	27.80	28.60	30.30	31.50	31.80	32.60	32.40	31.50	31.00
Gain (dBi)	0.36	0.54	0.60	0.48	0.47	0.51	0.57	0.99	1.01	0.78	1.04
NHPRP $\pm\pi/4$ (dBm)	-7.77	-7.44	-7.20	-7.09	-6.85	-6.66	-6.58	-6.43	-6.41	-6.48	-6.48
NHPRP $\pm\pi/6$ (dBm)	-9.52	-9.17	-8.93	-8.83	-8.60	-8.38	-8.25	-8.09	-8.04	-8.09	-8.05
NHPRP $\pm\pi/8$ (dBm)	-10.87	-10.49	-10.26	-10.17	-9.94	-9.71	-9.55	-9.40	-9.34	-9.38	-9.33
Upper Hem. PRP (dBm)	-9.45	-9.06	-8.65	-8.35	-8.01	-7.79	-7.77	-7.67	-7.74	-7.94	-8.16
Lower Hem. PRP (dBm)	-8.87	-8.61	-8.50	-8.54	-8.40	-8.27	-8.22	-8.08	-8.08	-8.13	-8.03
Upper Hem. PRP (%)	11.36	12.42	13.65	14.62	15.81	16.64	16.71	17.10	16.84	16.09	15.29
Lower Hem. PRP (%)	12.98	13.79	14.13	14.00	14.47	14.90	15.08	15.55	15.57	15.37	15.74

2、Antenna Apple Diagram

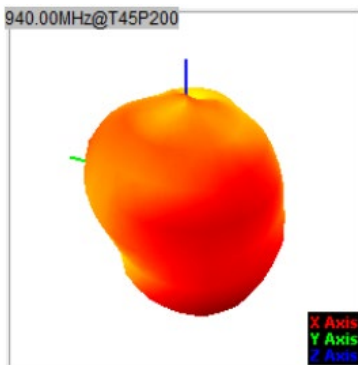




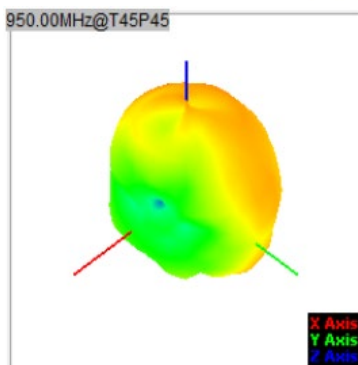
940.00MHz@T45P45



940.00MHz@T45P200



950.00MHz@T45P45



950.00MHz@T45P200

