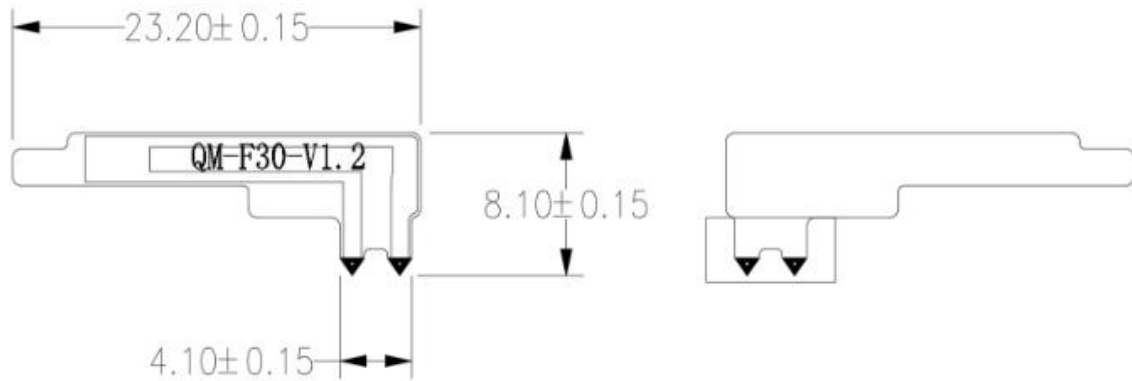


QM-F30 Antenna Specification

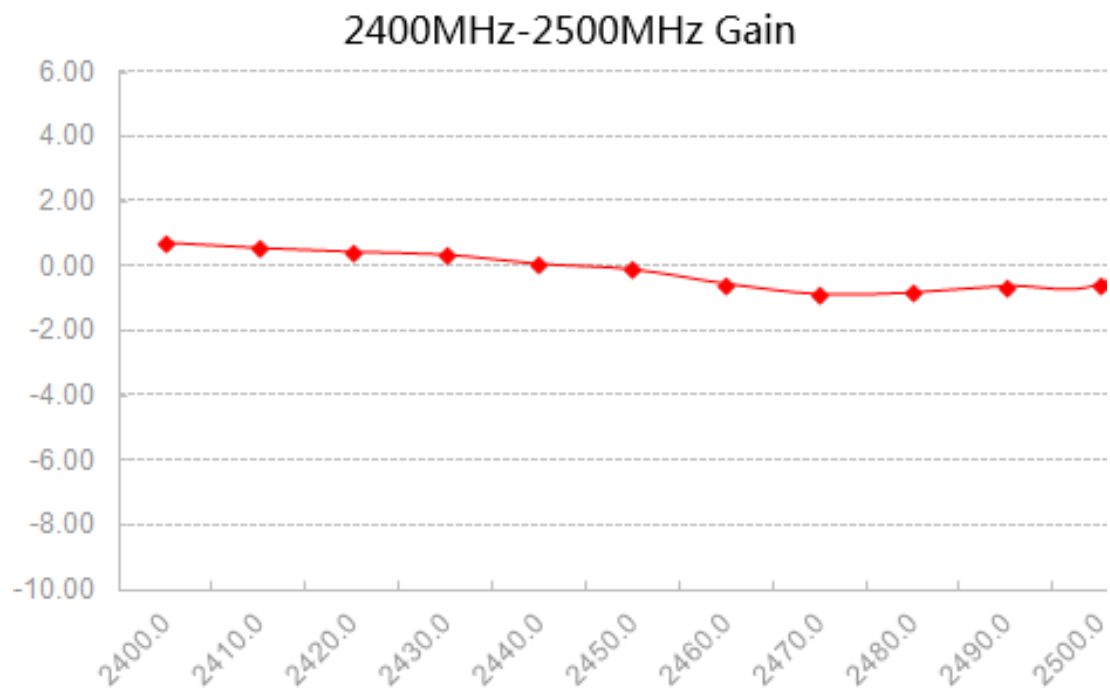
Manufacturer	Heifeng Zhizao (Shenzhen) Technology Co., Ltd.
Address	Floor 1, Building 6, Gangzai Street, Furong Industrial Zone, Xiangshan Community, Xinqiao Street, Bao'an District, Shenzhen, China
Antenna Type	FPC Antenna
Antenna Model	QM-F30
Maximum Antenna Gain	0.73 dBi

1. Antenna Size



2. Antenna Specification

FEITUKE II											
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)	-6.31	-6.45	-6.44	-6.35	-6.39	-6.27	-6.39	-6.68	-6.67	-6.50	-6.46
Peak EIRP (dBm)	0.73	0.56	0.44	0.35	0.06	-0.11	-0.56	-0.89	-0.84	-0.63	-0.57
Directivity (dBi)	7.04	7.02	6.88	6.70	6.45	6.17	5.83	5.79	5.82	5.86	5.90
Efficiency (dB)	-6.31	-6.45	-6.44	-6.35	-6.39	-6.27	-6.39	-6.68	-6.67	-6.50	-6.46
Efficiency (%)	23.40	22.60	22.70	23.20	23.00	23.60	23.00	21.50	21.50	22.40	22.60
Gain (dBi)	0.73	0.56	0.44	0.35	0.06	-0.11	-0.56	-0.89	-0.84	-0.63	-0.57
NHPRP $\pm \pi/4$ (dBm)	-8.13	-8.23	-8.19	-8.09	-8.12	-8.01	-8.11	-8.37	-8.34	-8.16	-8.13
NHPRP $\pm \pi/6$ (dBm)	-9.82	-9.91	-9.88	-9.78	-9.83	-9.74	-9.87	-10.16	-10.15	-9.97	-9.94
NHPRP $\pm \pi/8$ (dBm)	-11.17	-11.29	-11.27	-11.20	-11.27	-11.19	-11.33	-11.63	-11.63	-11.46	-11.43
Upper Hem. PRP (dBm)	-9.13	-9.28	-9.26	-9.15	-9.15	-8.99	-9.06	-9.28	-9.21	-9.00	-8.89
Lower Hem. PRP (dBm)	-9.52	-9.66	-9.65	-9.59	-9.66	-9.60	-9.77	-10.13	-10.19	-10.08	-10.14
Upper Hem. PRP (%)	12.22	11.81	11.86	12.16	12.15	12.61	12.43	11.80	11.98	12.59	12.91
Lower Hem. PRP (%)	11.16	10.83	10.85	10.99	10.81	10.97	10.53	9.70	9.57	9.82	9.67



3. Antenna 2D/3D Passive Direction Diagram

