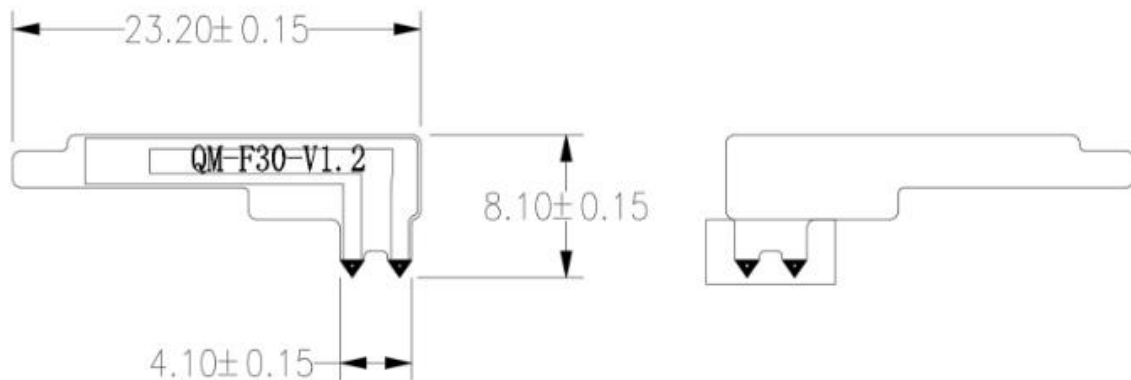


## QM-F30 Antenna Specification

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

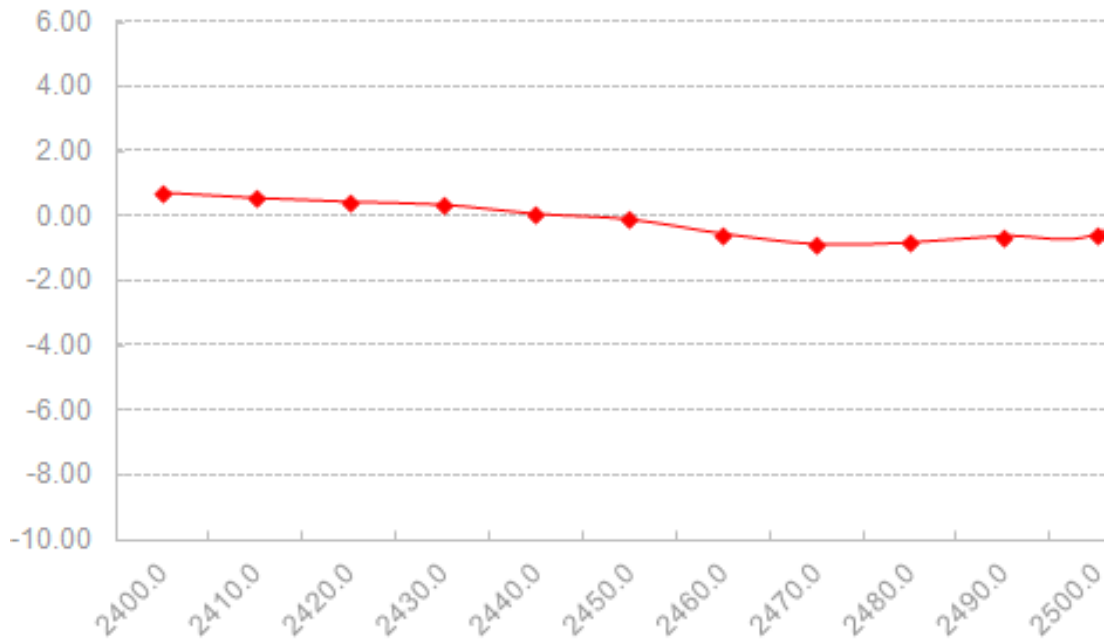
### 1. Antenna Size



### 2. Antenna Specification

<b>FETUKEII</b>											
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
<b>Point Values</b>											
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 ±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 ±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 ±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

### 2400MHz-2500MHz Gain



### 3. Antenna 2D/3D Passive Direction Diagram

