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Antenna Specification

Shenzhen Qianmu Communication Technology Co.,Ltd.

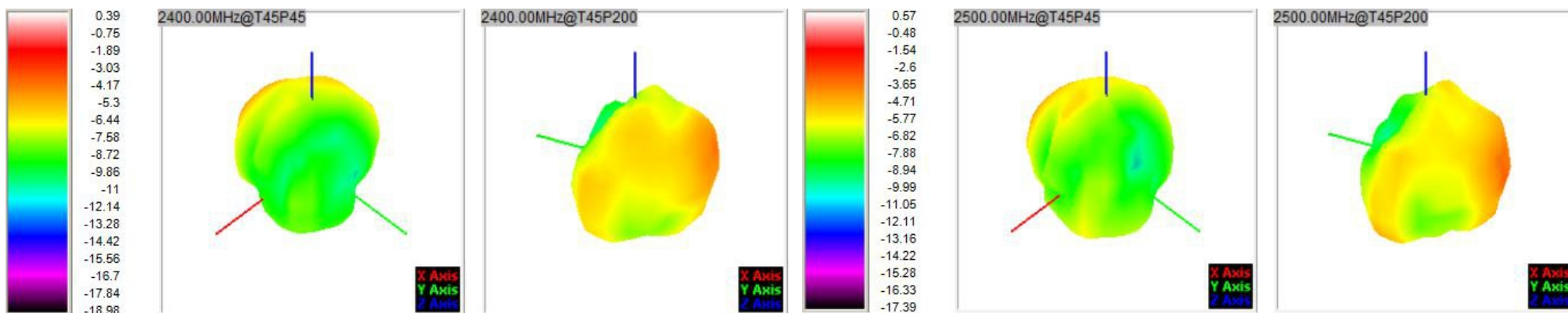
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High-tech Industrial Park, Sanwei Community, Hangcheng Street,
Baoan District, Shenzhen



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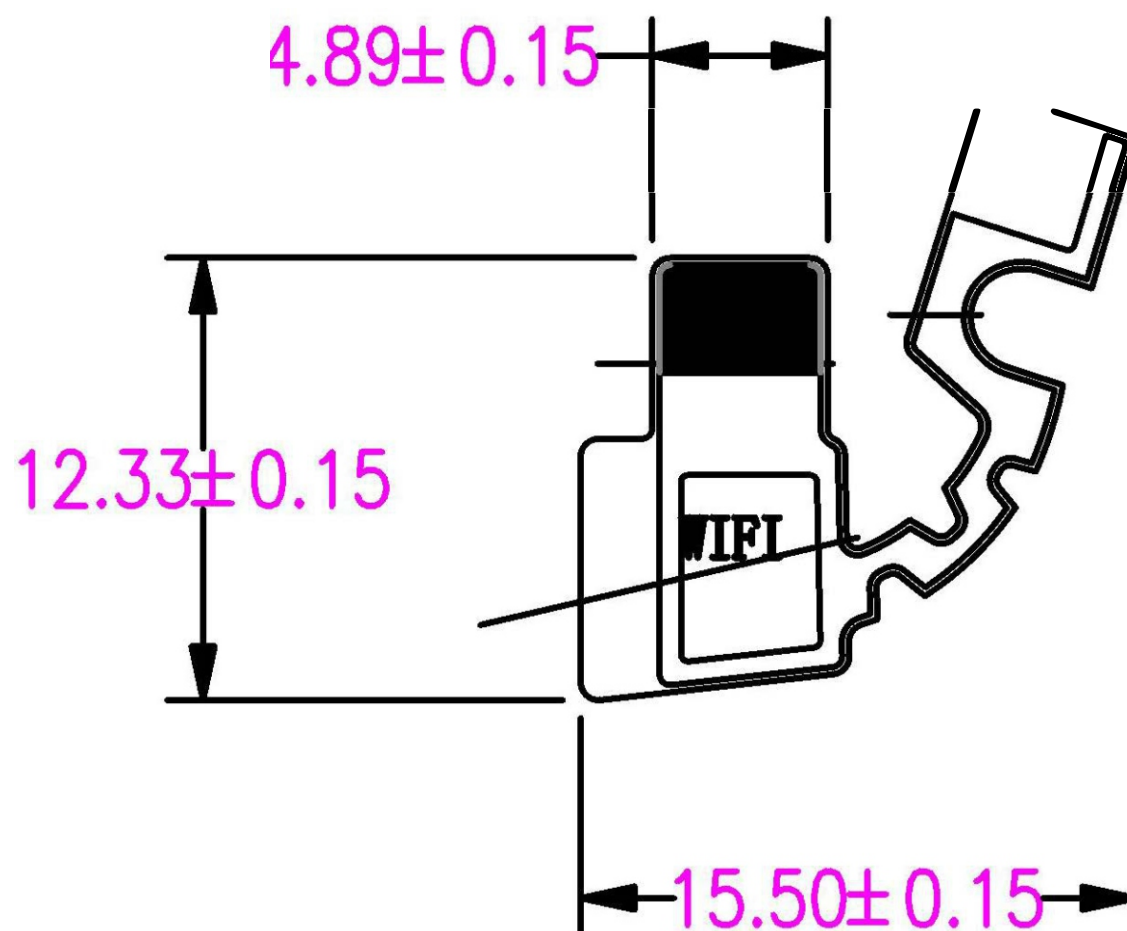
WiFi Antenna(FPC)

FEITUKEJI											
Frequency ID	7	8	9	10	11	12	13	14	15	16	17
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)	-5.43	-5.39	-5.30	-5.00	-5.06	-4.66	-4.80	-4.88	-4.85	-4.58	-4.56
Peak EIRP (dBm)	0.39	0.49	0.51	0.68	0.50	0.77	0.50	0.44	0.45	0.65	0.57
Directivity (dBi)	5.82	5.89	5.81	5.68	5.56	5.43	5.30	5.33	5.30	5.23	5.14
Efficiency (dB)	-5.43	-5.39	-5.30	-5.00	-5.06	-4.66	-4.80	-4.88	-4.85	-4.58	-4.56
Efficiency (%)	28.60	28.90	29.50	31.60	31.20	34.20	33.10	32.50	32.70	34.80	35.00
Gain (dBi)	0.39	0.49	0.51	0.68	0.50	0.77	0.50	0.44	0.45	0.65	0.57
NHPRP $\pm\pi/4$ (dBm)	-6.80	-6.73	-6.61	-6.30	-6.35	-5.96	-6.09	-6.17	-6.15	-5.90	-5.90
NHPRP $\pm\pi/6$ (dBm)	-8.39	-8.30	-8.17	-7.83	-7.88	-7.47	-7.60	-7.67	-7.65	-7.40	-7.41
NHPRP $\pm\pi/8$ (dBm)	-9.69	-9.61	-9.46	-9.10	-9.13	-8.72	-8.83	-8.89	-8.85	-8.60	-8.61
Upper Hem. PRP (dBm)	-7.65	-7.65	-7.59	-7.34	-7.48	-7.18	-7.42	-7.60	-7.63	-7.40	-7.37
Lower Hem. PRP (dBm)	-9.42	-9.32	-9.17	-8.81	-8.75	-8.23	-8.23	-8.21	-8.11	-7.79	-7.79
Upper Hem. PRP (%)	17.19	17.18	17.42	18.47	17.86	19.15	18.10	17.39	17.26	18.20	18.33
Lower Hem. PRP (%)	11.44	11.70	12.10	13.16	13.33	15.02	15.04	15.10	15.45	16.62	16.63





WiFi Antenna Size

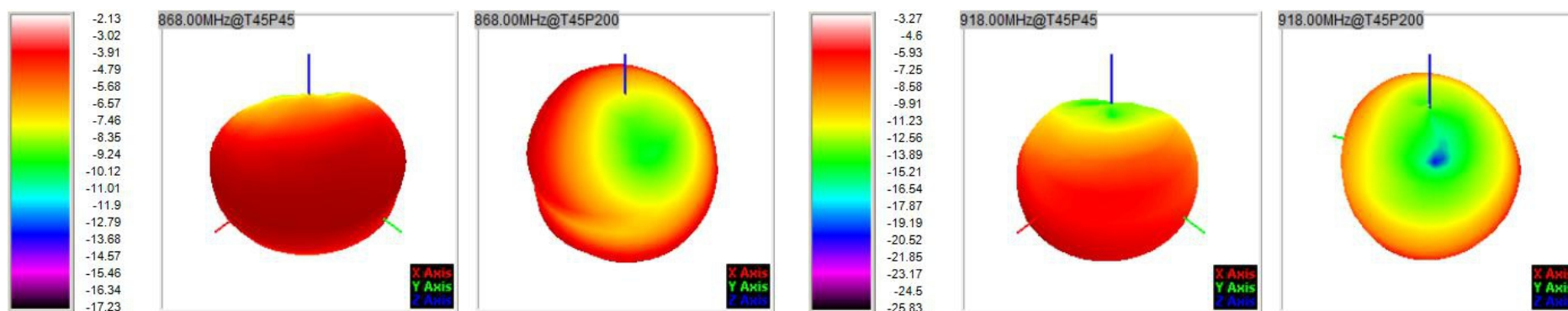




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868MHz~915MHz Antenna(FPC)

FEITUKEJI						
Frequency ID	1	2	3	4	5	6
Frequency (MHz)	868.0	878.0	888.0	898.0	908.0	918.0
Point Values						
Ant. Port Input Pwr. (dBm)	0.00	0.00	0.00	0.00	0.00	0.00
Tot. Rad. Pwr. (dBm)	-5.27	-4.97	-5.23	-5.85	-7.03	-7.76
Peak EIRP (dBm)	-2.13	-1.19	-0.93	-1.04	-2.06	-3.27
Directivity (dBi)	3.14	3.78	4.31	4.81	4.97	4.49
Efficiency (dB)	-5.27	-4.97	-5.23	-5.85	-7.03	-7.76
Efficiency (%)	29.70	31.80	30.00	26.00	19.80	16.70
Gain (dBi)	-2.13	-1.19	-0.93	-1.04	-2.06	-3.27
NHPRP $\pm\pi/4$ (dBm)	-6.16	-5.88	-6.13	-6.73	-7.89	-8.60
NHPRP $\pm\pi/6$ (dBm)	-7.45	-7.12	-7.36	-7.92	-9.08	-9.83
NHPRP $\pm\pi/8$ (dBm)	-8.42	-8.03	-8.26	-8.81	-9.96	-10.77
Upper Hem. PRP (dBm)	-8.60	-8.39	-8.89	-9.83	-11.42	-12.14
Lower Hem. PRP (dBm)	-7.99	-7.61	-7.68	-8.06	-9.00	-9.73
Upper Hem. PRP (%)	13.80	14.50	12.92	10.39	7.20	6.11
Lower Hem. PRP (%)	15.90	17.33	17.05	15.63	12.60	10.63





868MHz~915MHz Antenna Size

