

Features

- 2.4G 4x4 + 5G 4x4 Omni antenna

Applications

- Security Surveillance
- Commercial radio coverage
- Hotel Wireless application
- Country coverage
- Forest fire protection engineering
- Some special scene application

Manufacture

Infinite Clouds WLL

Office 406, Road 3307, Block 333, Manama, Kingdom of Bahrain

Absolute Maximum Rating

Parameter	Rating	Unit
Operating Temperature Range	-20 to 70	°C
Storage Temperature Range	-40 to 90	°C
Operating Humidity Range	5 to +95 (non-condensing)	%
Storage Humidity Range	0 to +90 (non-condensing)	%

General Specifications

Symbol	2.4G	5G
Product Name		
Part No.		
Frequency	2.412GHz-2.482GHz	5.180GHz-5.825GHz
V. S.W.R	<2.0	<2.0
Polarization	Vertical	Vertical
Isolation	>40dbi	>40dbi
Antenna Type	PCB antenna	PCB antenna
Dimension	180mm*180mm	
Weight		

Test Result

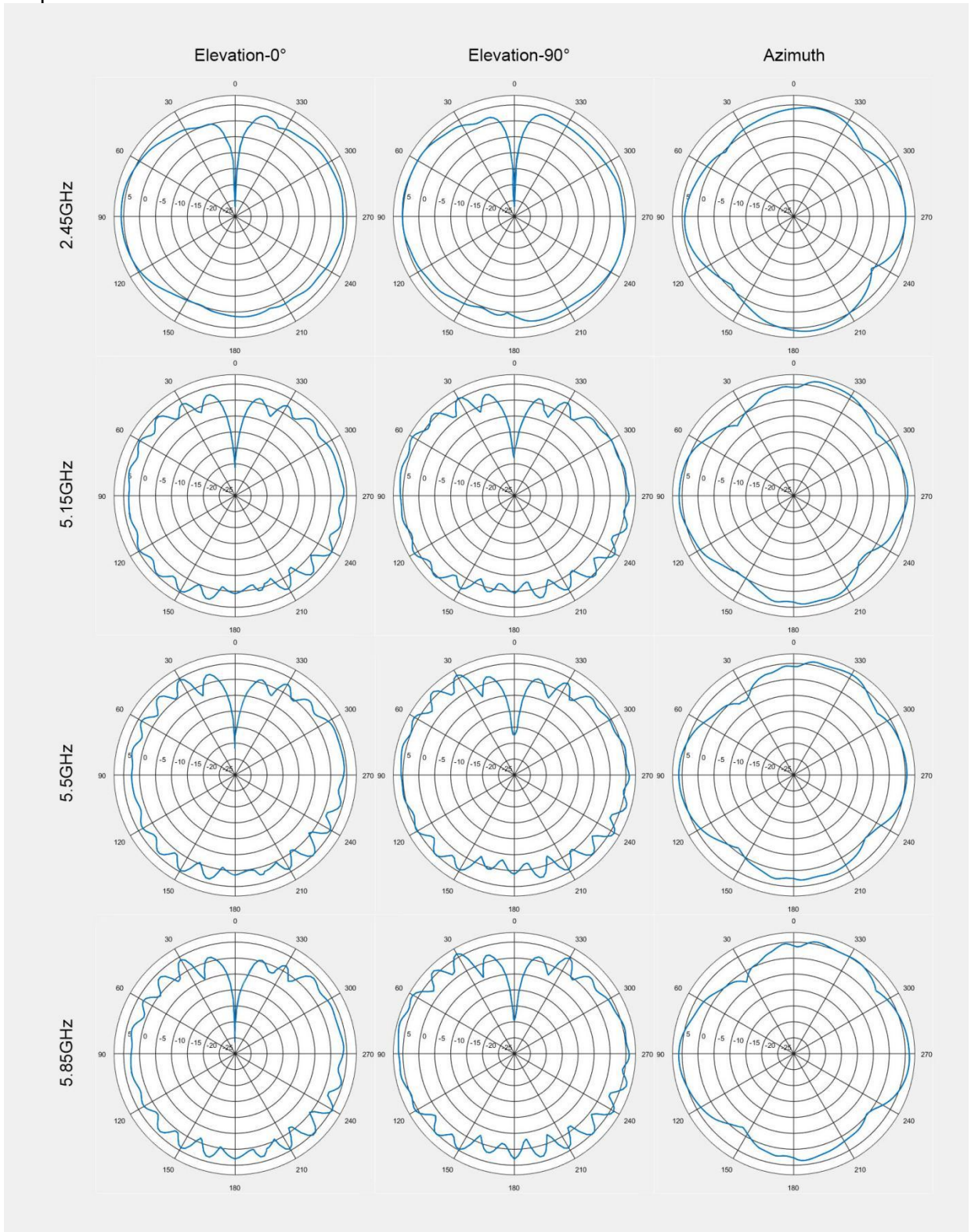
2.4G Antenna 1		
Frequency (MHz)	Gain (dB)	Efficiency (%)
2410	5.0904	72.0631
2420	5.2852	73.4396
2430	5.4028	74.6403
2440	5.2043	72.2224
2450	5.2044	72.5336
2460	5.0727	72.1089
2470	4.8123	70.3976
2480	4.5894	68.1676
2490	4.4952	67.706
2.4G Antenna 2		
Frequency (MHz)	Gain (dB)	Efficiency (%)
2400	5.0623	72.4284
2420	5.025	75.9648
2440	4.8999	78.0125
2460	4.986	79.9971
2480	4.6767	77.2162
2500	4.5471	75.0864
2.4G Antenna 3		
Frequency (MHz)	Gain (dB)	Efficiency (%)
2400	6.0092	81.8744
2420	5.801	80.5692
2440	5.6601	77.6754
2460	5.7132	79.6874
2480	5.288	75.0285
2500	5.0919	73.5813
2.4G Antenna 4		
Frequency (MHz)	Gain (dB)	Efficiency (%)
2400	5.2594	70.3775
2420	5.284	73.8383
2440	5.3792	76.4287
2460	5.4448	80.9041
2480	4.9993	78.0757
2500	5.1185	78.6984

5G Antenna1		
Frequency (MHz)	Gain (dB)	Efficiency (%)
4900	6.2521	73.0792
5000	6.5064	77.0504
5100	6.0416	80.1852
5200	6.0256	79.2934
5300	6.3046	77.7015
5400	6.0455	73.1771
5500	6.0445	73.7873
5600	6.2118	75.2244
5700	6.0177	78.6635
5800	6.0097	77.4273
5900	6.3878	73.6929
6000	6.7322	75.1593
5G Antenna2		
Frequency (MHz)	Gain (dB)	Efficiency (%)
4900	6.4436	76.0018
5000	6.3689	77.5792
5100	6.0481	75.0696
5200	6.0305	76.8995
5300	6.2696	74.7173
5400	6.5598	65.5
5500	6.1403	69.2493
5600	6.2965	71.8703
5700	6.0258	74.5398
5800	6.0393	70.4369
5900	6.2006	66.3617
6000	6.5218	69.5416
5G Antenna3		
Frequency (MHz)	Gain (dB)	Efficiency (%)
4900	6.3876	75.7943
5000	6.5727	77.9374
5100	6.0429	77.9259
5200	6.0456	76.3877
5300	6.3352	73.9828
5400	5.9854	67.1809
5500	6.2361	70.0104
5600	6.1572	72.8183
5700	6.0335	75.9798
5800	6.0437	72.4135
5900	6.2145	68.7097
6000	6.2954	73.2089

5G Antenna4

Frequency (MHz)	Gain (dB)	Efficiency (%)
4900	6.1245	73.8569
5000	6.5953	78.4875
5100	6.0446	79.3051
5200	6.0073	79.3142
5300	6.1524	78.3364
5400	6.2866	72.4461
5500	6.1961	75.0095
5600	6.7628	75.1475
5700	6.1412	77.5778
5800	6.0317	76.7976
5900	6.5479	73.3961
6000	6.0253	73.3286

2D polar



Size

