

Antenna Specification

Manufacturer: Shenzhen Jim iot Co., LTD

Address of manufacturer: 3rd Floor, Building A, Building 7, International
Innovation Valley, Xili Street, Nanshan District, Shenzhen

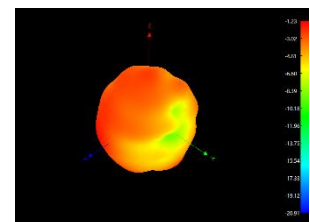
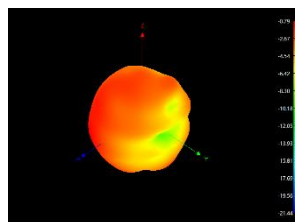
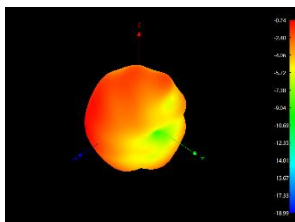
2.1 Basic Specifications

No.	Specification	Descriptions	Notes
1	Antenna model	<u>KD031-BT</u>	
2	Antenna type	monopole	
3	Operation Frequency	2.4-2.483GHz	
4	Impedance	50ohm	
5	Gain (MAX)	-0.59 <u>dBi@2.4~2.483GHz</u>	
6	Efficiency	$\geq 30\%$	
7	VSWR	≤ 2.5	

2.2 Efficiency/Gain:

Frequency/Mhz	Efficiency / dB	Efficiency / %	MaxGain/dBi	AvgGain/dBi
2400	-5.05	31.26	-0.74	-5.05
2405	-4.92	32.21	-0.63	-4.92
2410	-4.89	32.43	-0.59	-4.89
2415	-4.83	32.89	-0.65	-4.83
2420	-4.7	33.88	-0.7	-4.7
2425	-4.56	34.99	-0.64	-4.56
2430	-4.57	34.91	-0.63	-4.57
2435	-4.7	33.88	-0.75	-4.7
2440	-4.69	33.96	-0.79	-4.69
2445	-4.55	35.08	-0.81	-4.55
2450	-4.63	34.43	-0.96	-4.63
2455	-4.85	32.73	-1.05	-4.85
2460	-4.85	32.73	-1.08	-4.85
2465	-4.79	33.19	-1.13	-4.79
2470	-4.92	32.21	-1.26	-4.92
2475	-5.11	30.83	-1.33	-5.11
2480	-5.13	30.69	-1.23	-5.13
2485	-5.04	31.33	-1.19	-5.04
2490	-5.16	30.48	-1.37	-5.16
2495	-5.38	28.97	-1.53	-5.38
2500	-5.47	28.38	-1.57	-5.47

2.3 radiation pattern



1.3 Antenna Size

