

蓝牙天线规格

Specification for Bluetooth antennas

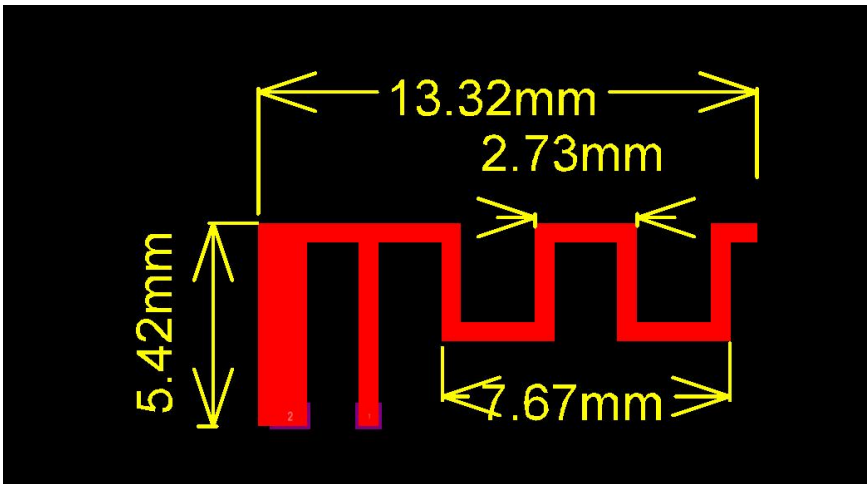
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1 : Antenna Description

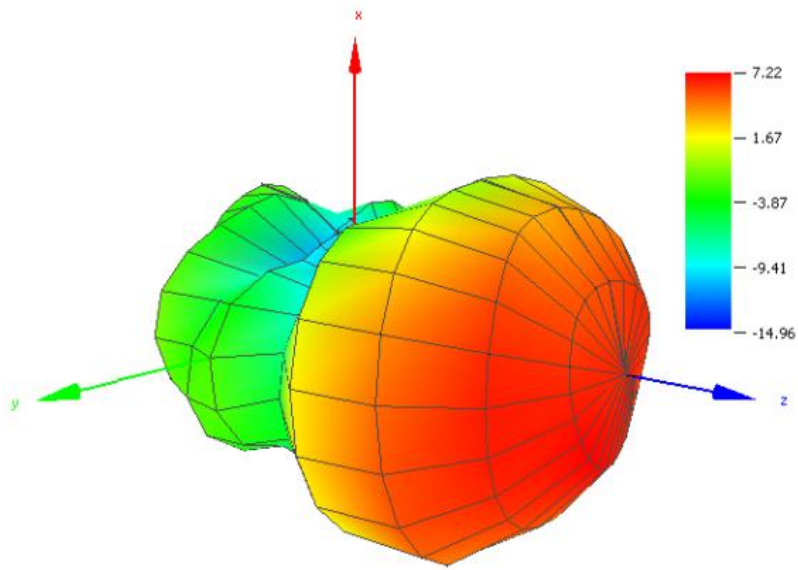
Antenna Type	PCB Antenna
Antenna peak gain	5dBi
Frequency range	2.402GHz~2.480GHz
Connect type	Direct Connect
Manufacturer	Shenzhen City Tairan Microelectronics Technology Co., Ltd
Address	Yonghui International Business Building, BaoyuanRoad, Nanchang Community, Xixiang Street, Bao'an District,Shenzhen City

2 : Antenna picture on the PCB borad



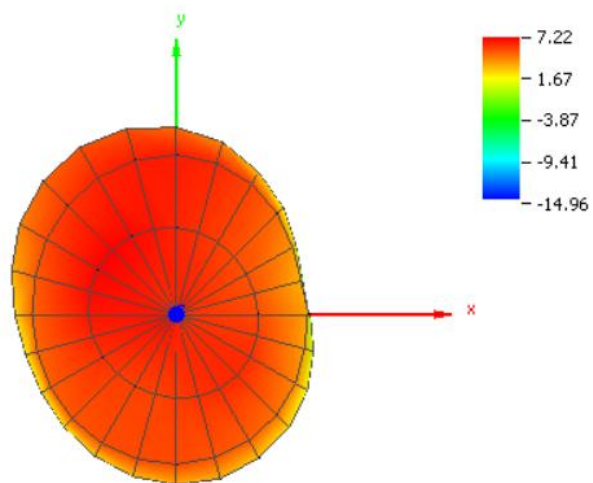
3 : Antenna radiation of 3D polar

Solution frequency at 2.44G

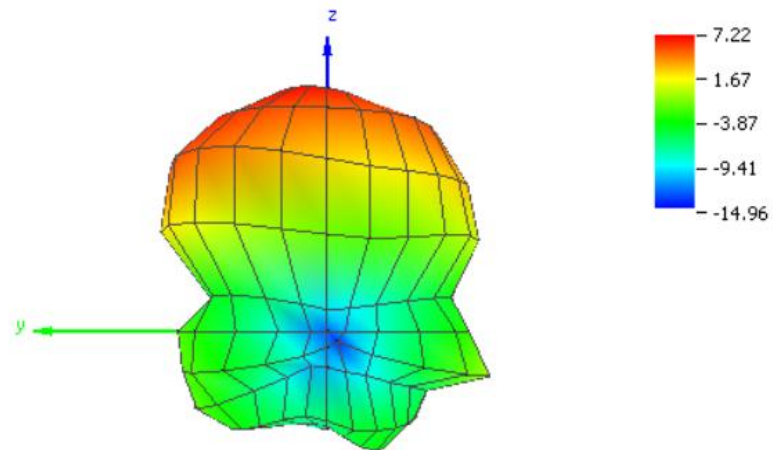


3 : Antenne radiation pattern

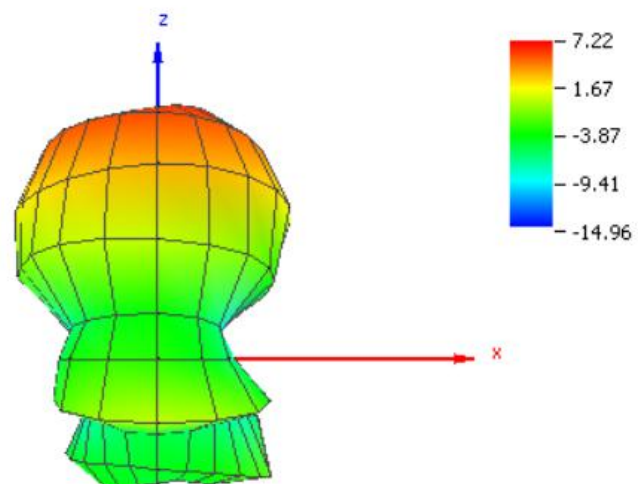
Theta = 0, Phi = 0



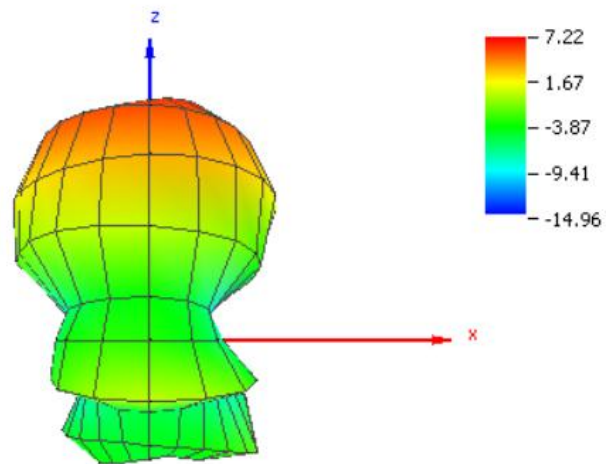
Theta = 90, Phi = 180



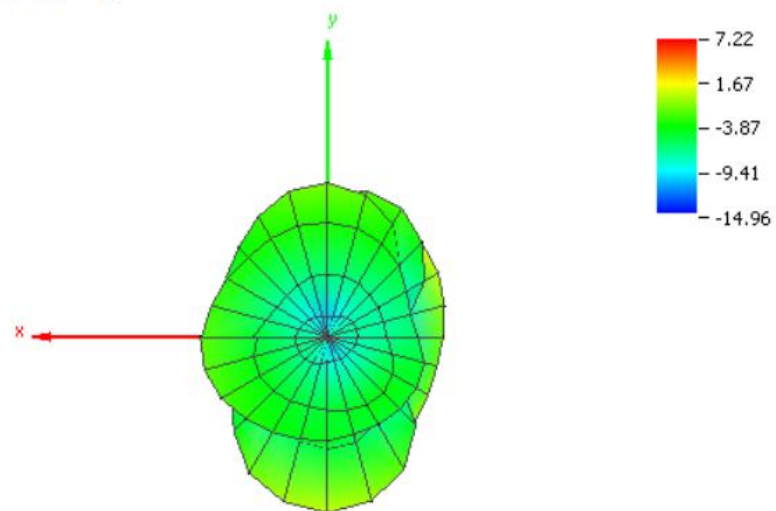
Theta = 90, Phi = 270



Theta = 90, Phi = 270



Theta = 180, Phi = 0



Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)
0.00	6.39	5.83	3.83	-0.71	-8.58	-11.45	-11.01	-12.61
15.00	6.68	5.77	4.05	-0.76	-8.61	-11.69	-11.03	-11.96
30.00	6.98	5.81	4.54	-0.14	-6.86	-13.39	-12.53	-11.31
45.00	7.06	5.94	4.98	1.02	-5.03	-15.01	-13.12	-10.85
60.00	7.11	6.04	5.34	2.04	-3.41	-14.38	-10.81	-7.11
75.00	6.95	6.29	5.60	3.03	-2.34	-11.73	-7.52	-3.83
90.00	6.71	6.56	5.71	3.81	-1.36	-9.82	-5.22	-2.17
105.00	6.48	6.89	5.78	4.31	-0.98	-8.57	-4.64	-1.78
120.00	6.33	7.12	5.78	4.44	-1.02	-8.10	-5.25	-2.58
135.00	6.30	7.18	5.71	4.10	-1.59	-8.81	-6.84	-4.77
150.00	6.34	7.08	5.57	3.48	-2.65	-9.74	-8.57	-7.60
165.00	6.48	6.89	5.41	2.74	-3.66	-10.65	-9.81	-10.75
180.00	6.67	6.61	5.31	2.09	-4.27	-11.25	-10.37	-12.96
195.00	6.90	6.35	5.32	1.86	-3.98	-11.42	-10.07	-12.11
210.00	7.06	6.18	5.42	1.93	-3.40	-11.09	-8.65	-9.26
225.00	7.16	5.99	5.49	2.21	-2.21	-10.55	-6.32	-7.16
240.00	7.07	5.98	5.50	2.54	-1.28	-10.24	-4.17	-5.04
255.00	6.99	5.98	5.48	2.76	-0.87	-10.50	-2.88	-3.85
270.00	6.71	6.00	5.32	2.78	-1.04	-11.39	-2.71	-3.14
285.00	6.50	6.14	5.11	2.72	-1.63	-13.19	-3.47	-3.92
300.00	6.38	6.26	4.78	2.49	-2.78	-14.51	-5.17	-5.74
315.00	6.26	6.28	4.47	1.95	-4.32	-14.58	-7.46	-8.39
330.00	6.26	6.22	4.09	1.09	-5.78	-13.47	-9.22	-11.78
345.00	6.32	6.07	3.81	0.07	-7.26	-12.73	-10.43	-14.10
360.00	6.51	5.91	3.82	-0.46	-8.25	-12.10	-10.55	-14.03