



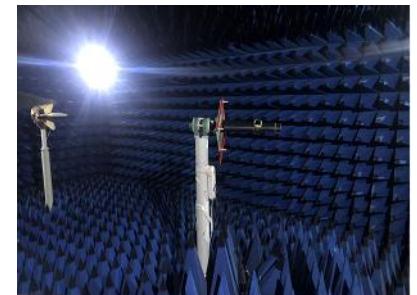
深圳市昱晟通讯设备有限公司
Yusheng Communications-equipment Co.,LTD

T811 Antenna Gain Report

Model: T811-ANT

Date: 2024-08-06

Contact information:
19925137130



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致力于为客户提供专业级天线解决方案

GSM/WCDMA/LTE Antenna

Freq (Mhz)	Effi (%)	Gain (dbi)
800MHZ	21.0	0.05
820MHZ	22.3	0.18
840MHZ	23.0	0.42
860MHZ	22.1	0.36
880MHZ	22.4	0.51
900MHZ	23.2	0.49
920MHZ	22.4	0.36
940MHZ	22.6	0.54
960MHZ	22.4	0.62
1700MHZ	32.6	0.56
1750MHZ	35.4	0.49

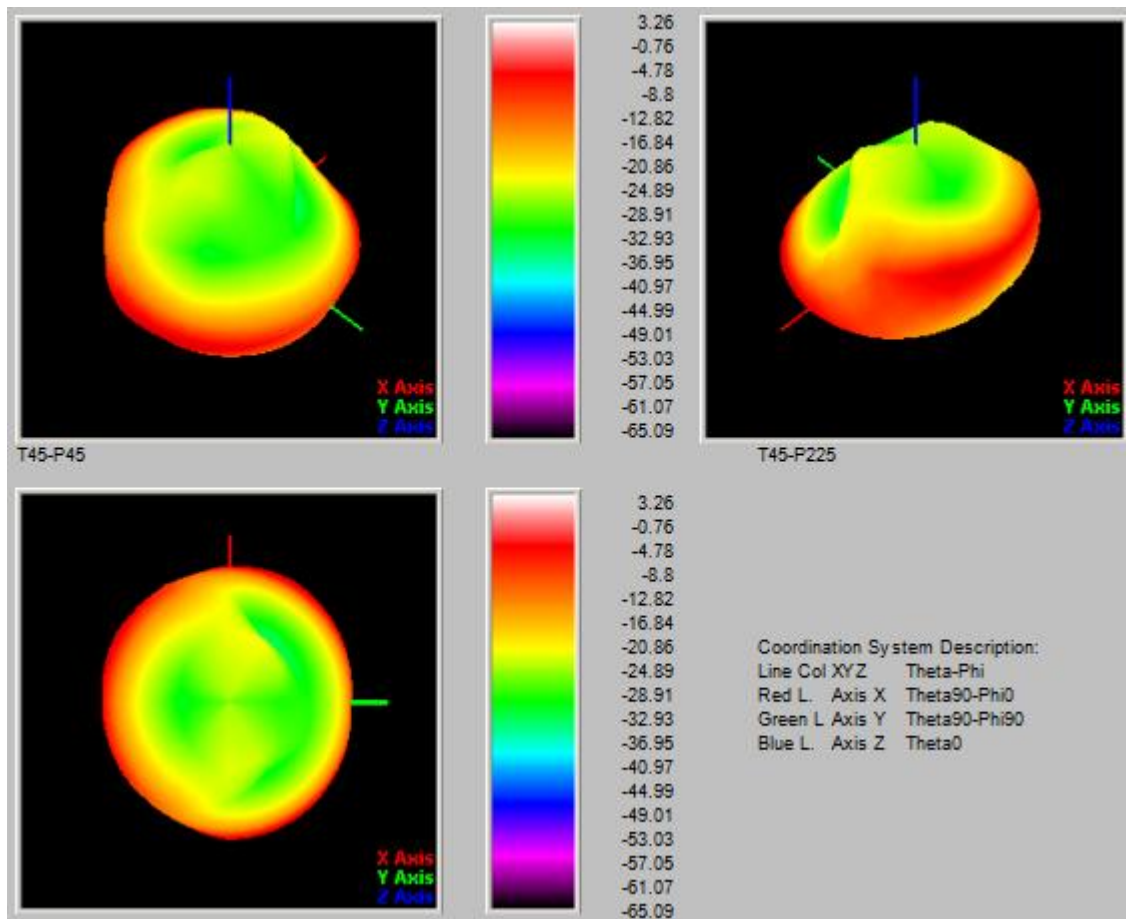
Freq (Mhz)	Effi (%)	Gain (dbi)
1800MHZ	33.5	1.21
1850MHZ	32.1	1.36
1900MHZ	32.5	1.40
1950MHZ	28.6	1.55
2000MHZ	27.4	1.62
2050MHZ	26.9	1.47
2100MHZ	28.6	1.36
2150MHZ	29.6	1.71
2200MHZ	30.2	1.65
2250MHZ	28.9	1.50
2300MHZ	29.8	1.36
2350MHZ	32.6	1.40
2400MHZ	33.5	1.29
2450MHZ	31.7	1.50
2500MHZ	29.8	1.62
2550MHZ	28.7	1.44
2600MHZ	28.6	1.36
2650MHZ	27.9	1.50
2700MHZ	26.1	1.65

Bluetooth&WIFI Antenna

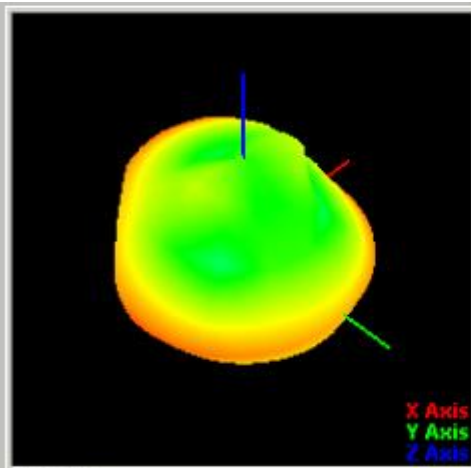
Freq(Mhz)	Effi (%)	Gain (dbi)
2400MHZ	26.8	0.65
2410MHZ	27.9	0.49
2420MHZ	29.6	0.57
2430MHZ	30.4	0.77
2440MHZ	32.6	0.69
2450MHZ	33.4	0.85
2460MHZ	35.1	0.95
2470MHZ	32.1	0.58
2480MHZ	30.2	0.65
2490MHZ	29.8	0.49
2500MHZ	28.4	0.54

Freq(Mhz)	Effi (%)	Gain (dbi)
5000MHZ	25.6	0.32
5100MHZ	26.4	0.36
5200MHZ	27.5	0.42
5300MHZ	28.3	0.52
5400MHZ	29.6	0.65
5500MHZ	32.4	0.47
5600MHZ	33.6	0.65
5700MHZ	34.2	0.50
5800MHZ	31.1	0.49

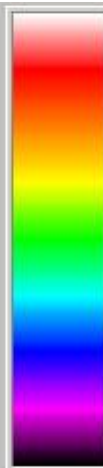
GSM/WCDMA/LTE Antenna



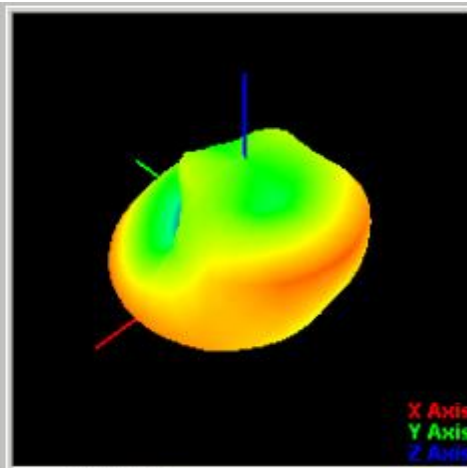
Bluetooth&WIFI Antenna



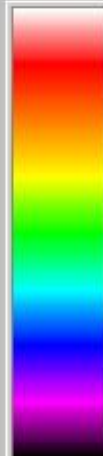
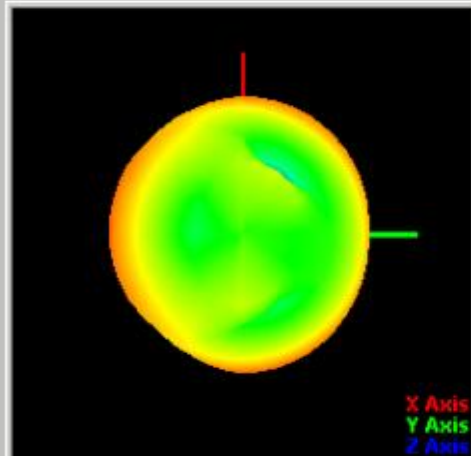
T45-P45



0.8
-2.99
-6.79
-10.58
-14.37
-18.16
-21.95
-25.75
-29.54
-33.33
-37.12
-40.91
-44.7
-48.5
-52.29
-56.08
-59.87
-63.66



T45-P225



0.8
-2.99
-6.79
-10.58
-14.37
-18.16
-21.95
-25.75
-29.54
-33.33
-37.12
-40.91
-44.7
-48.5
-52.29
-56.08
-59.87
-63.66

Coordination System Description:

Line Col XYZ Theta-Phi
Red L. Axis X Theta90-Phi0
Green L Axis Y Theta90-Phi90
Blue L. Axis Z Theta0

Antenna environment treatment



Engineering drawingPaper

A		1		2		3		4		5		6		7		8	
由 Autodesk 教育版产品制作																	
skills requirements:																	
1. IPC substrate specifications: PI substrates: Electrolytic copper (half to half) 0.5oz (B) Double-sided tape: TESA 68532																	
2. Electroplating specifications: Nickel plated: 3 8um; Surface ink color: Matt black Printing font color: Bright black Printing font height: According to drawings																	
4. Reliability requirements: 1. Reliability test: salt spray test\rubber friction test\alcohol resistance test\100 grid test; 2. The front ink, the surface of the ink is required to be folded in half without cracking, scratching, etc.																	
5. Tolerance requirements: 1. Shape tolerance ±0.10; 2. Copper foil circuit tolerance ±0.05; 3. The position of the copper foil to the shape is ±0.15; 4. Hole-to-hole position tolerance ±0.10, hole-to-shape position tolerance ±0.15; 5. The size tolerance of gold finger is ±0.20. For other unmarked dimensions, refer to 2D drawings.																	
6. Key control size: The dimensions marked with numbers are regarded as important dimensions, and the others refer to 2D drawings																	
7. Environmental requirements: Parts meet RHS2.0/RF/Reach/CP environmental protection requirements																	
8. Packaging requirements: Packed in PE bags, the quantity of each bag is 100PCS, there is a mark on the outside of the bag																	
DATE Modify the content Version Revise																	
1 2 3 4 5 6 7 8																	
Shenzhen Yu Sheng Communication Equipment Co., Ltd.																	
Model T811 DATE 20230625																	
Name GSM antenna Design JFB																	
Part NO 337055-1A Review MD JFB																	
Material quality Electrolytic copper (half to half) RF CKH																	
Cold surface treatment																	
Appearance treatment																	
UNIT mm proportion FIT Revise R-A																	

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致力于为客户提供专业级天线解决方案

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