

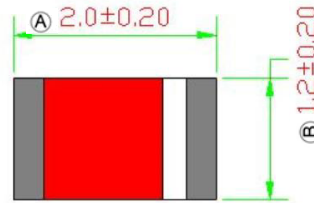
VA18

客 户 名:	纽曼
产品类型:	AIOT
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核 准:	Joy Zhu
日 期:	2025/07/24

III. Mechanical Dimensions:

Manufacturer: Beijing Newmine Phoenix Technology Co., Ltd
Address: Room 205, 2nd Floor, Building 2, No. 1 Shangdi Information Road, Haidian District, Beijing, 100085, China

a) Antenna Dimensions

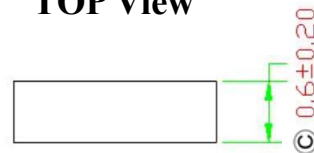


TOP View



Bottom View

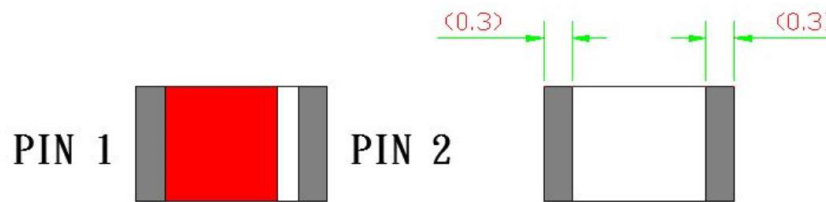
Unit: mm



Side View

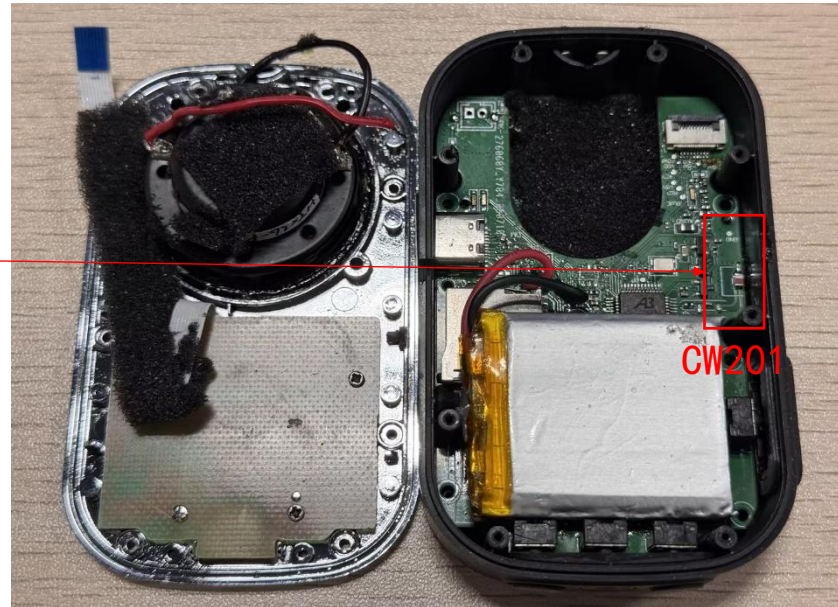
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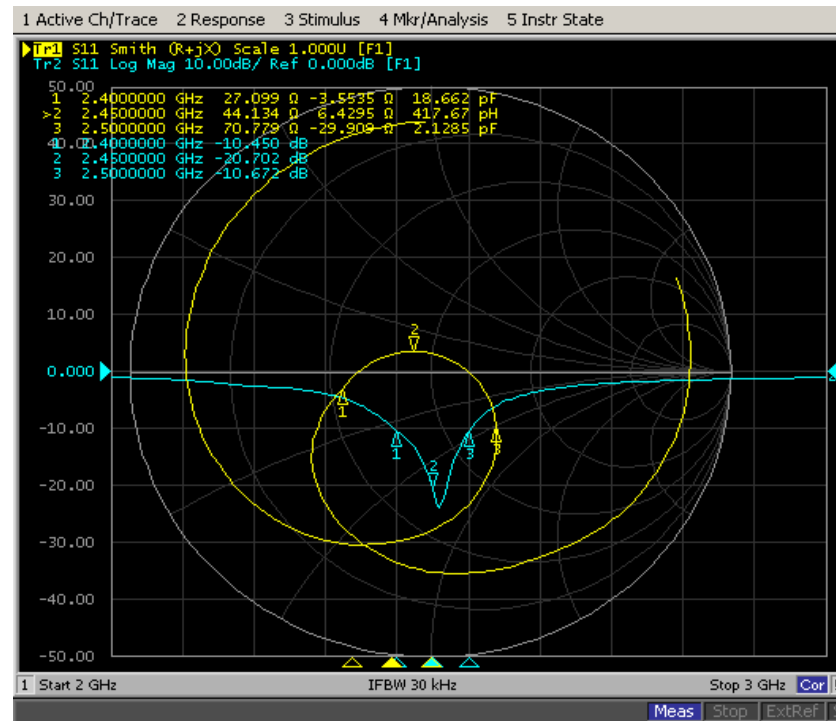
b) PIN Definition



Unit: mm

PIN	1	2
Soldering Pad	Signal Input	Tuning/Signal Output

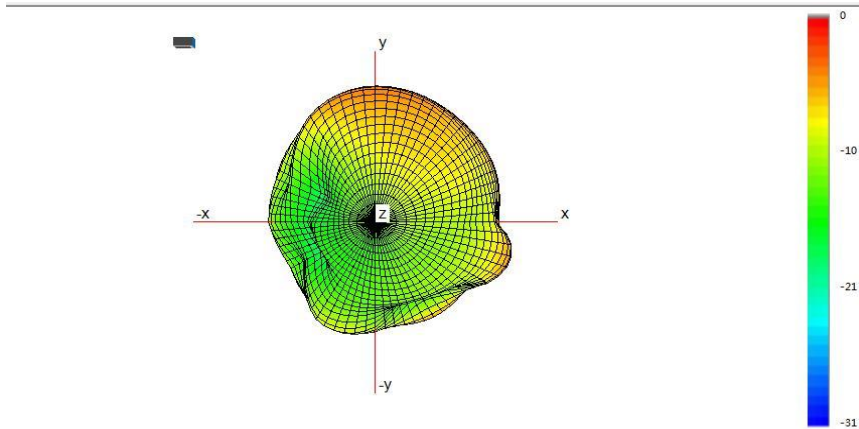
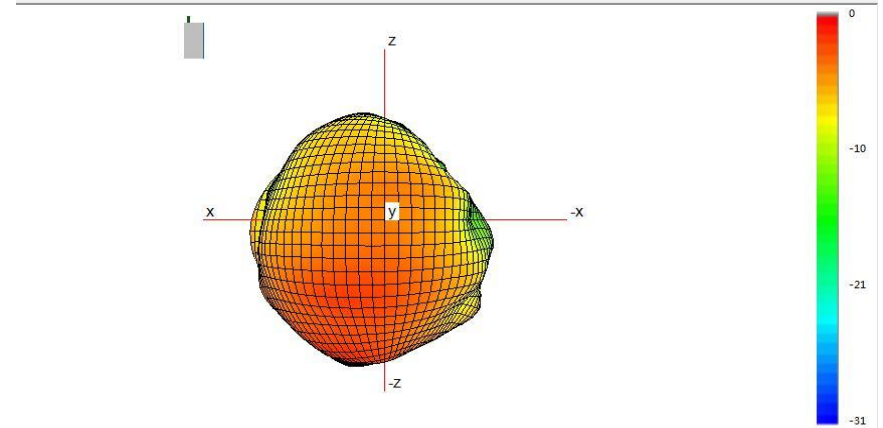
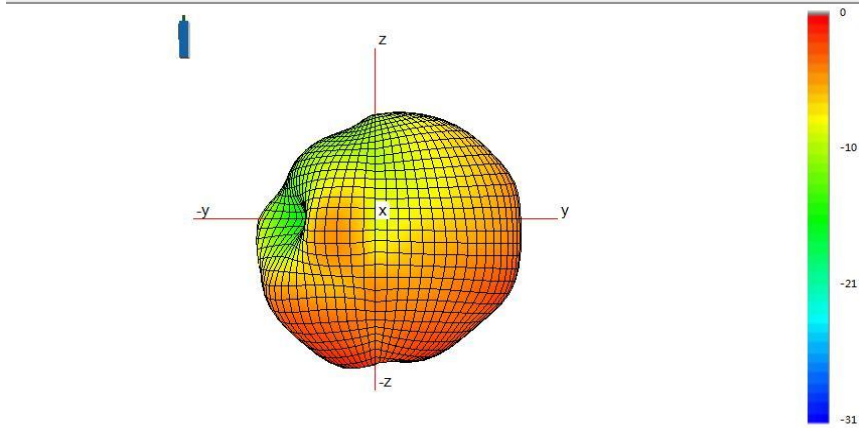




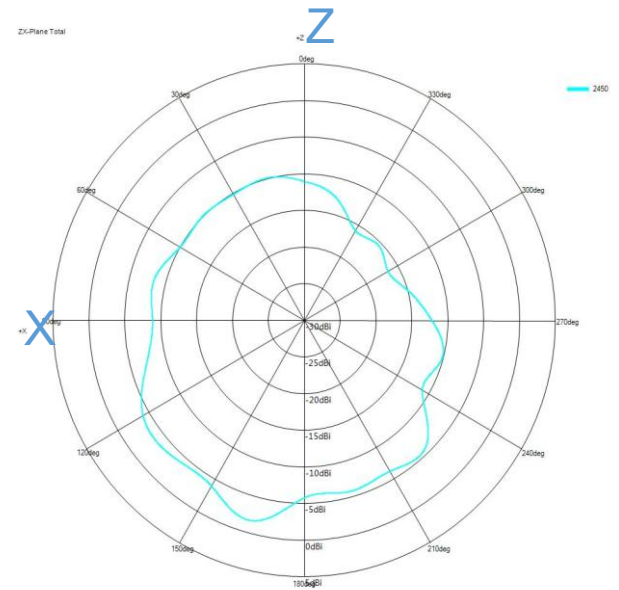
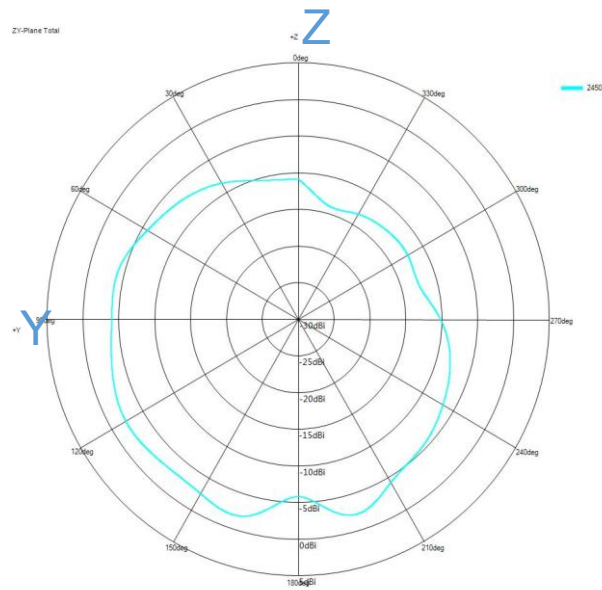
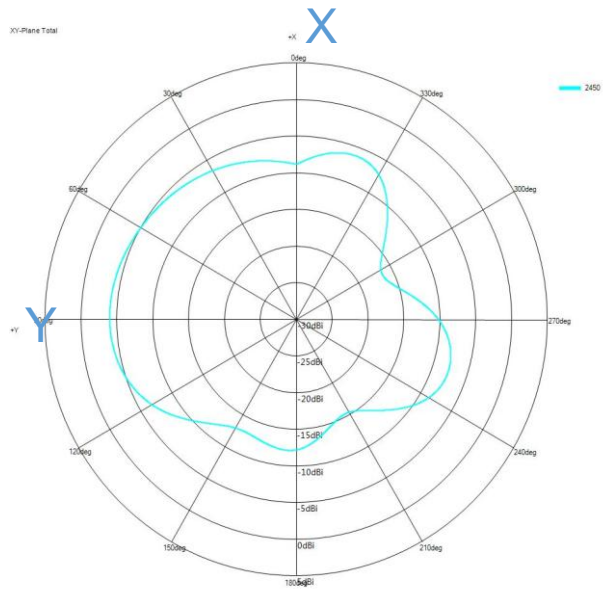
Gain

Freq (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
2400	-0.74	-7.00	19.97
2410	-0.74	-6.96	20.12
2420	-0.73	-6.91	20.36
2430	-0.70	-6.87	20.55
2440	-0.64	-6.79	20.92
2450	-0.69	-6.78	20.97
2460	-0.83	-6.78	20.98
2470	-0.93	-6.81	20.83
2480	-1.21	-6.92	20.31
2490	-1.46	-7.09	19.56
2500	-1.77	-7.32	18.54

3D @2450MHz



2D @2450MHz



Thanks for Your Attention