



WLT6200 天线规格书

最新版本 V1.1

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1. Overview

This antenna specification describes the RF performance of the WLT6200 module onboard antenna, ensuring that when connected to a 50 ohm source, the VSWR ratio is less than 2 in the 2.4 GHz ISM frequency band, the gain maps in different directions of the antenna, and the antenna efficiency and gain values in different frequency bands.

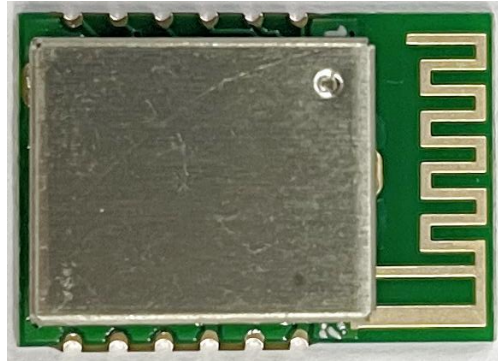
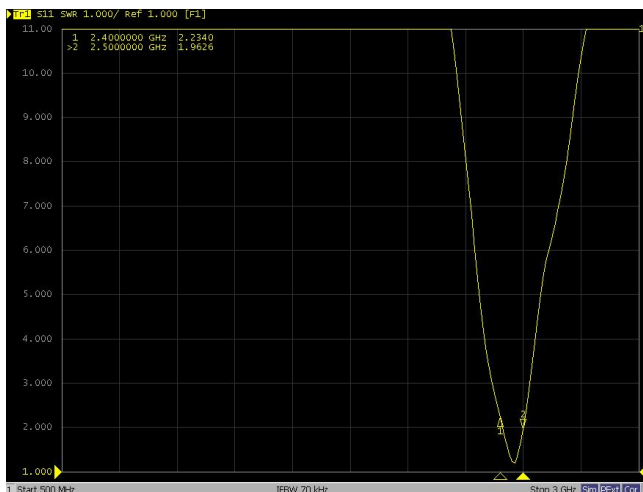
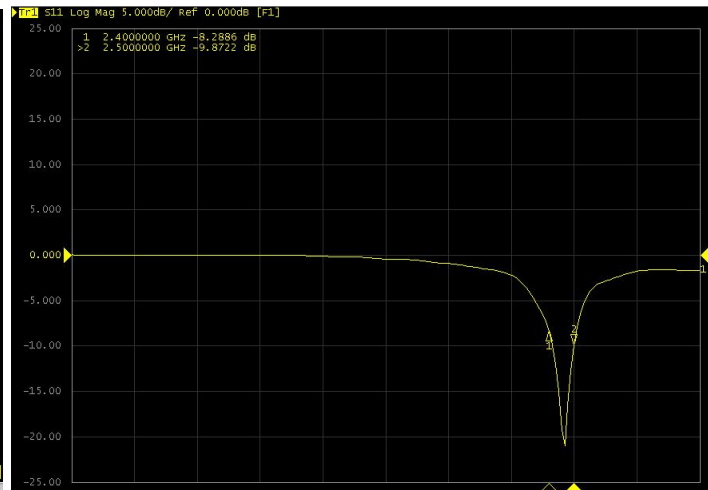


Figure 1-1: WLT6200 module

2. Return loss, VSWR



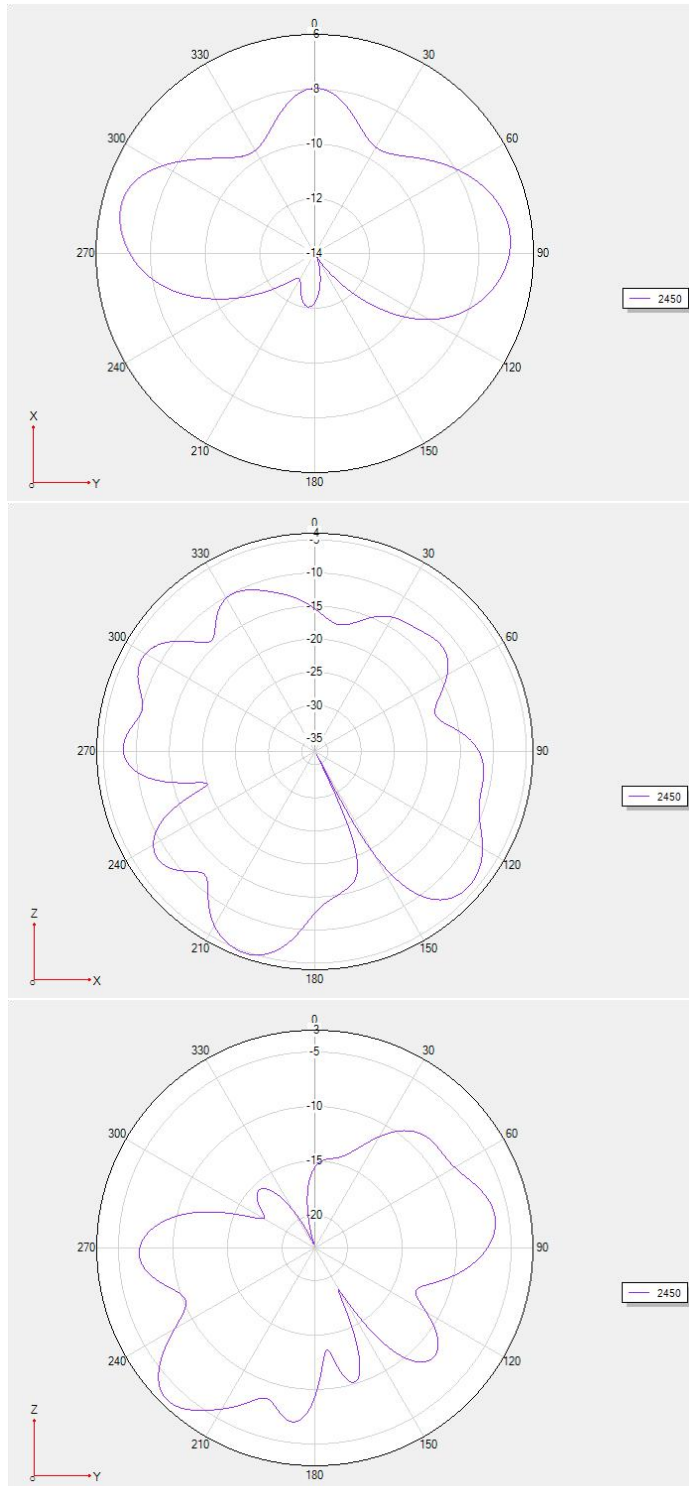
Return loss



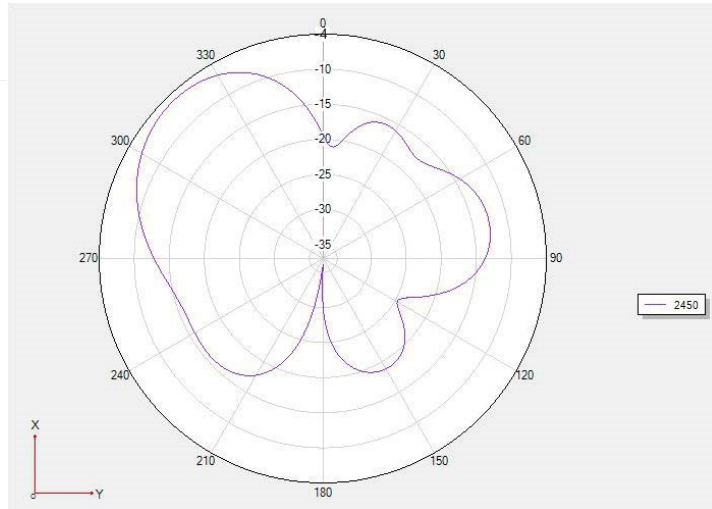
VSWR

3. Direction and Gain Graph

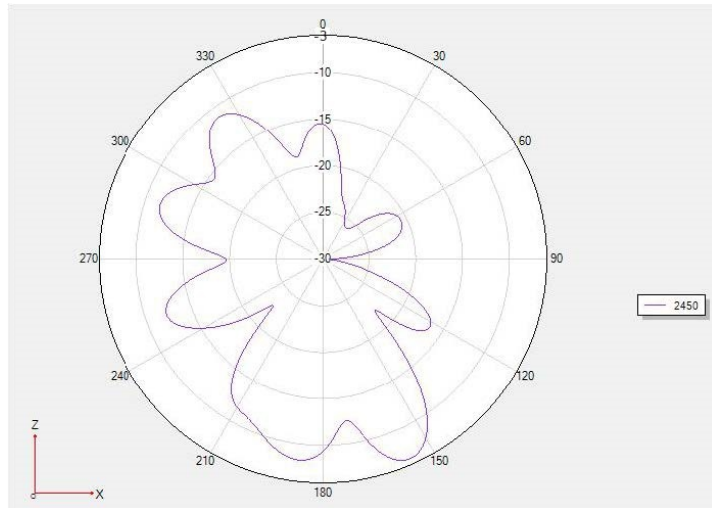
Etheta



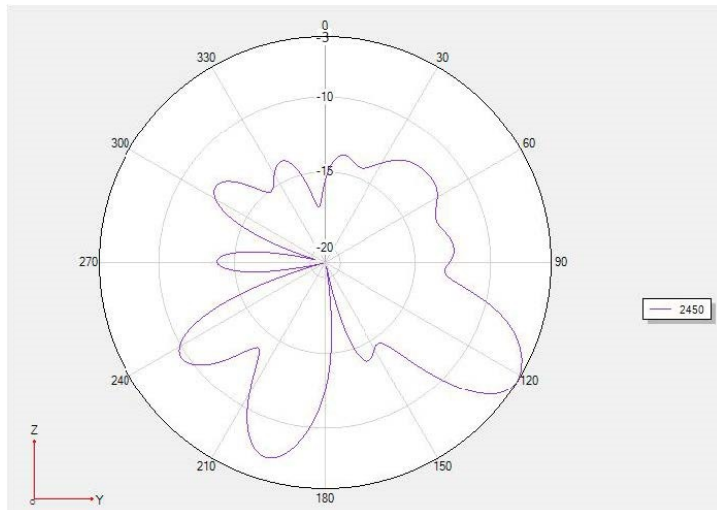
Ephi



Gain: -4.2dBi



Gain: -3.6dBi



Gain: -3.0dBi

4. Antenna gain meter

Frequency / MHz	Efficiency / dB	Efficiency / %	Gain/ dBi
2400	-7.08	19.59	-2.33
2405	-6.88	20.51	-2.26
2410	-6.77	21.04	-2.41
2415	-6.68	21.48	-1.96
2420	-6.7	21.38	-2.31
2425	-6.59	21.93	-2.03
2430	-6.41	22.86	-1.9
2435	-6.54	22.18	-2.28
2440	-6.48	22.49	-1.45
2445	-6.27	23.6	-1.7
2450	-6.37	23.07	-1.77
2455	-6.32	23.33	-1.42
2460	-6.39	22.96	-2.05
2465	-6.51	22.34	-1.61
2470	-6.29	23.5	-1.67
2475	-6.53	22.23	-2.1
2480	-6.65	21.63	-1.55
2485	-6.49	22.44	-1.82
2490	-6.72	21.28	-2.29
2495	-6.77	21.04	-2.28
2500	-6.86	20.61	-2.47