

 ZheJiang Klite Lighting Holdings CO., LTD.		Author	Pan lingjian
		Date	2025. 09. 10
Name	antenna report	Revision	V1. 1

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Description

This document is an antenna report, including manufacturer information, maximum gain of the antenna, field diagram, and antenna images.

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Antenna report

Frequency Range: 2400-2480MHz

DATA Rate: 250kbps (Zigbee) ; 1Mbps, 2Mbps, 500kbps, 125kbps (BLE)

Channel No.: Zigbee: 16channels (2405M~2480MHz);BT 40 channels(2402~2480 MHz)

Max output power: +10dBm (chip max RF output power)

Antenna Gain: -0.5dBi (peak)

antenna Type: PCB antenna

Manufacturer: ZHEJIANG KLITE LIGHTING HOLDINGS CO.,LTD.

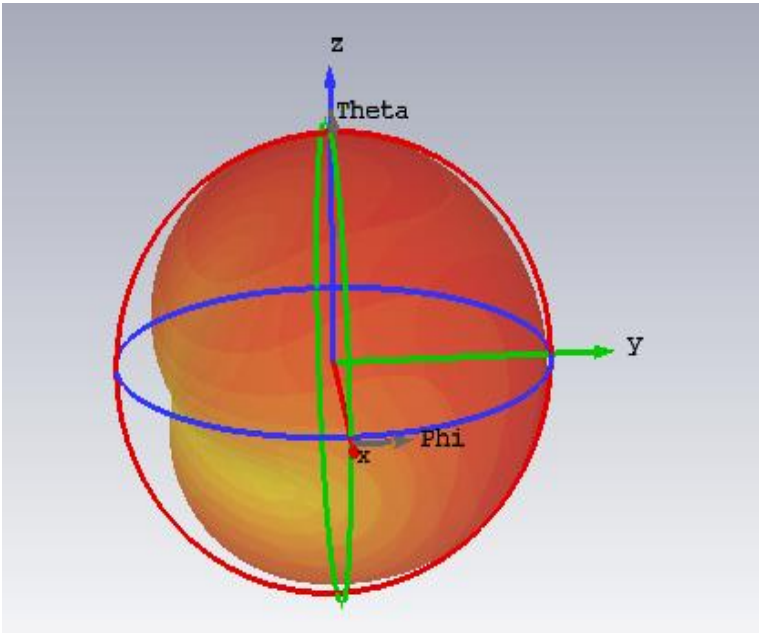
No.11 Zhenjiang Rd, Jianshan New District, 314415 Haining, Zhejiang, China

Passive efficiency test data:

Fre (MHz)	Effi(%)	Effi(dB)
2400	42.3	-3.7
2410	43.9	-3.6
2420	46.5	-3.3
2430	46.9	-3.3
2440	48.4	-3.2
2450	46.2	-3.4
2460	45.7	-3.4
2470	44.6	-3.5
2480	43.1	-3.7

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Radiation pattern:



Antenna picture:

