

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

Contents

Description3

Antenna report.....4

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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: 2400-2480 MHz

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: -1dBi (peak)

antenna Type: PCB antenna

Manufacturer: ZHEJIANG KLITE LIGHTING HOLDINGS CO.,LTD.

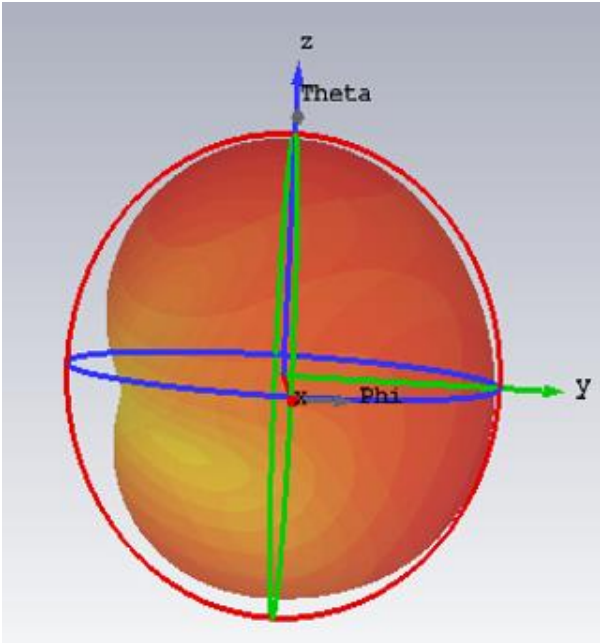
No.11 Zhenjiang Rd, Jianshan New District, 314415 Haining, Zhejiang, China

Passive efficiency test data:

Fre (MHz)	Effi(%)	Effi(dB)
2400	40.4	-3.9
2410	41.2	-3.9
2420	42.6	-3.7
2430	43.7	-3.6
2440	43.6	-3.6
2450	42.8	-3.7
2460	42.1	-3.8
2470	40.8	-3.9
2480	39.6	-4.0

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Radiation pattern:



Antenna picture:

