

MPE Calculation

Product:	INFIRAY LASER RANGEFINDER
Model no.:	ILR-1200-2
FCC ID:	2AYGT-33-02
Rating:	5VDC
RF Transmission Frequency:	2405-2480MHz
Modulation:	GFSK
Antenna Type:	Integrated antenna
Max Antenna Gain:	2.5dBi
Description of the EUT:	The Equipment Under Test (EUT) is zigbee function.

According to §15.247(a)(i) and §1.1307(b)(3)(i)(A), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

According to 447498 D04 Interim General RF Exposure Guidance v01, a single RF source is exempt RF device (from the requirement to show data demonstrating compliance to RF exposure limits, as previously mentioned) if the available maximum time-averaged power is no more than 1 mW, regardless of separation distance.

This exemption applies to all operating configurations and exposure conditions, for the frequency range 100 kHz to 100 GHz, regardless of fixed, mobile, or portable device exposure conditions. This is a standalone exemption.

The max power 0.536 (mW) < 1 (mW)

Result: Compliant

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Reviewed by:



John Zhi/ Project Manager
Date: 2023-03-17



Prepared By:



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