

## MPE Calculation

Product:	Proximity Sensor
Model no.:	805522
FCC ID:	2A32Z-MDUF0001
IC:	28079-MDUI0001
HVIN	805522-02
Rating:	5VDC, 60mA
RF Transmission Frequency:	24.15GHz
Modulation:	FMCW
Antenna Type:	PCBI Antenna
Max Antenna Gain:	2.0dBi
Description of the EUT:	The Equipment Under Test (EUT) is Proximity Sensor 24G function.

According to §15.249(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 0.049 (mW) < 1 (mW)

Result: Compliant

TUV SUD China, Shenzhen Branch

Reviewed by:



John Zhi/ Project Manager  
Date: 2022-02-24

Prepared By:




Warlen Song/Project Engineer  
Date: 2022-02-24