

## MPE Calculation

Product:	Smart Pillow
Model no.:	SP-10A
FCC ID:	2A32YSP-10A
Rating:	Powered by DC 5V, 1000mA external adapter Adapter Model: CT-088 Input: AC 100-240V, 50/60Hz, Max 0.15A Output: DC 5V, 1000mA
RF Transmission Frequency:	2402MHz-2480MHz
Modulation:	GFSK
Antenna Type:	PCB Antenna
Max Antenna Gain:	-3 dBi
Description of the EUT:	The equipment supports Bluetooth Low Energy functions (1Mbps data rate). The TX and RX range is 2402MHz-2480MHz for Bluetooth.

According to §15.247(e)(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 0.811 (mW) < 1 (mW)

Result: Compliant

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Reviewed by:



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Date: 2022-02-18

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