

RF Exposure Evaluation

FCC ID: QTG-PLUTO

IC ID: 10710A-PLUTO

1. Client Information

Applicant : ZAGG Inc.
Address : 3855 South 500 West Salt Lake City, UT 84115 USA
Manufacturer : Wagons Digital Co., Ltd.
Address : Flat/Rm.1701, 17/F., Henan Building, 90 Jaffe Road, Wanchai, Hongkong

2. General Description of EUT

EUT Name	:	Zaggkeys Mini 7 (Pluto)
Models No.	:	FOSBSL
Model Difference	:	N/A
Product Description	:	Operation Frequency:2402MHz~2480MHz
	:	Number of Channel: 79Channels see note (2)
	:	Out Power 0.610 mW (max) conducted power (-2.15 dBm)
	:	Antenna Gain: 1.87 dBi
	:	Modulation Type: GFSK 1Mbps
Power Supply	:	USB charging from PC. DC voltage from Li-ion battery.
Power Rating	:	DC 5V from PC USB Port. DC 3.7V 190mAh from Li-ion battery.
Connecting I/O Port(S)	:	Please refer to the User's Manual

Note

For a more detailed features description, please refer to the RF Test Report.

MPE Calculations

1. FCC: No Evaluation required if power is below

($60/f(\text{GHz}) \text{ mW}$) where f is the transmit frequency of the EUT.

CANADA: RSS 102 Section 2.5-Exemption from Routine Evaluation Limits

Above 2.2 GHz and up to 3 GHz inclusively, and output power is less than or equal to 20 mW for general public use and 100 mW for controlled use.

2. Calculation:

EIRP= P+G

Where P=Conducted Output Power (dBm)

G=Power Gain of the Antenna (dBi)

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Bluetooth				
Test Mode	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)
GFSK(1Mbps)	-2.15	1.87	-0.28	0.938

3. Conclusion:

No SAR Evaluation required since Transmitter EIRP is bellow FCC threshold and IC standards.