

Ardi Technology Corp.
6F., No.136, Lide St., Zhonghe Dist., New Taipei City 235, Taiwan

Federal Communications Commission
Authorization and Evaluation Division
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, MD 21046

Applicant's declaration concerning RF Radiation Exposure

We hereby indicate that the product
Product description: Keyring Locator/Kid Tracker/Remote Controller
Model No: SB20

The equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The integral antennas used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter within the host device.

A safety statement concerning minimum separation distances from enclosure of the Product : Keyring Locator/Kid Tracker/Remote Controller will be integrated in the user's manual to provide end-users with transmitter operating conditions for satisfying RF exposure compliance.

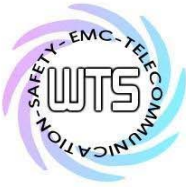
The appropriate information can be drawn from the test report no: W6M21306-13304-C-1 and the accompanying calculations.

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Date: 2013-08-05

Signature





Registration number: W6M21306-13304-C-1
FCC ID: WMPSB20

3.2 Equivalent isotropic radiated power

FCC Rule: 15.247(b)(3)

EIRP = max. conducted output power + antenna gain

$$\begin{aligned} \text{EIRP} &= -4.02 \text{ dBm} + (-2.9 \text{ dBi}) \\ &= -6.92 \text{ dBm} \end{aligned}$$

Limit: EIRP = +36 dBm for Antenna gain <6dBi

Test equipment used: ETSTW-RE 055

3.3 RF Exposure Compliance Requirements

Conclusion: No Evaluation required if power is below this threshold:

F(GHz)		mW
Low	2.402	24.58
High	2.480	

Maximum measured transmitter power:

Conducted Power	-4.02 dBm (0.39 mW)
EIRP Power	- 6.92 dBm (0.20 mW)

- The antenna is PCB antenna, antenna gain is -2.9 dBi.

Threshold for no SAR evaluation is 24.58 mW.

Conclusion: No SAR evaluation required since Transmitter output power is below FCC threshold.