

Dexatek Technology Ltd.
15F.,NO.81,Sec.1,Sintai 5th Rd., Sijhih Dist.,New Taipei City 221, 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: Photo Key
Model No: SA-5110

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.

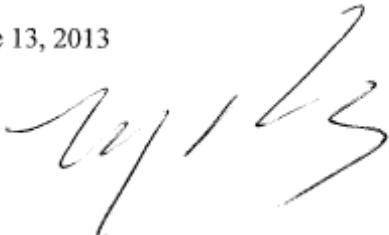
A safety statement concerning minimum separation distances from enclosure of the
Product : Photo Key
will be integrated in the user's manual to provide end-users with transmitter operating
conditions for satisfying RF exposure compliance.

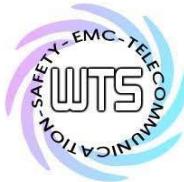
The appropriate information can be drawn from the test report no: W6M21305-13203-C-1
and the accompanying calculations.

Company: Dexatek Technology Ltd.
Address: 15F.,NO.81,Sec.1,Sintai 5th Rd., Sijhih Dist.,New Taipei City 221, Taiwan

Date: June 13, 2013

Signature





Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21305-13203-C-1
FCC ID: SZY-SA-5110

3.2 Equivalent isotropic radiated power

FCC Rule: 15.247(b)(3)

EIRP = max. conducted output power + antenna gain

$$\begin{aligned} \text{EIRP} &= -4.07 \text{ dBm} + 5.3 \text{ dBi} \\ &= 1.23 \text{ dBm} \end{aligned}$$

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	-4.07 dBm (0.3917mW)
EIRP Power	1.23 dBm (1.3274 mW)

- The antenna is PCB antenna, antenna gain is 5.3 dBi.

Threshold for no SAR evaluation is 24.58 mW.

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