

ALPITH Co.
2F, No. 139, Jian 1st Road, Zhunghe District, New Taipei City, 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: Portable Laser Projector
Model No: MP-01
FCC ID: 2AJPLMP01

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 : Portable Laser Projector with Stand 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: HA170555-RA and the accompanying calculations:

According to KDB 447498 D01 General RF Exposure Guidance v06, the 1-g SAR test exclusion thresholds for 100MHz to 6GHz at test separation distances of 50mm are determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] * [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR, where}$$

Calculation based on the above formula:

BT :

min. test separation distance: 5 mm

Frequency: 2.402 GHz

Output Power = 79.07dBuV/m = 0.065181mW (Antenna Gain: -4.3 dBi)

$(0.065181 \text{ mW}/5\text{mm}) \times \sqrt{2.402\text{GHz}} = 0.0202040 < 3$

Result of Calculation:

The result of calculation is far below 3 . Therefore, SAR test is not required.

WiFi :

min. test separation distance: 5 mm

Frequency: 2.412 GHz

Output Power = 6.35 dBm = 4.3152 mW

$(4.3152 \text{ mW}/5\text{mm}) \times \sqrt{2.412\text{GHz}} = 1.340354 < 3$

Result of Calculation:

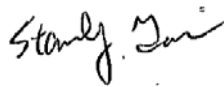
The result of calculation is far below 3 . Therefore, SAR test is not required.

Company: ALPITH Co.

Address: 2F, No. 139, Jian 1st Road, Zhunghe District, New Taipei City, Taiwan

Date: SEP 18, 2017

By:



Signature