



Add: 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, P.R.C.
Tel: +86-755- 27521059 Fax: +86-755- 27521011 Http://www.sz-ctc.org.cn

Maximum RF Exposure Evaluation

FCC ID: 2A5WY-A5418

According to KDB447498 D01 General RF Exposure Guidance v06, Clause 4.3.1(a)

EUT Specification

Table with 2 columns: Specification Item and Value. Rows include Product Name (Star Projector Light), Trade Mark (/), Model/Type reference (A5418), Listed Model(s) (A5419), Frequency band (Operating) with checkboxes for BT/EDR, BLE, WLAN, and Others; Device category with checkboxes for Portable, Mobile, Fixed, and Others; Antenna diversity with checkboxes for Single antenna, Multiple antennas, Tx diversity, Rx diversity, and Tx/Rx diversity; Antenna gain (Max) (2dBi); and Evaluation applied with checkboxes for RF Exposure Evaluation and SAR Evaluation.

Limit

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] · [√f(GHz)] ≤ 3.0

Where

-f(GHz) is the RF channel transmit frequency in GHz

-Power and distance are rounded to the nearest mW and mm before calculation

-The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.

Measurement Result

Table with 8 columns: Band, Frequency (MHz), Antenna Gain (dBi), Maximum Power (dBm), Tune up tolerance (dBm), Max. Tune up Power (dBm), Calculation Value, and Limit. Row 1: BLE, 2440, 2, -0.864, 0±1, 1, 0.39, 3.000

Note

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

*****THE END*****