



Registration number: W6M22112-21469-C-1

FCC ID: 2A4AP0001

3.2 Equivalent Isotropic Radiated Power (EIRP)

FCC Rule: 15.247(b)(3)

EIRP = max. conducted output power + antenna gain

EIRP = -1.85 dBm + 4.03 dBi [antenna gain claimed by manufacturer] = 2.18 dBm = 1.65 mW

3.3 Exemption Limits for Routine Evaluation according to FCC KDB Publication

RESULT:

Test standard : FCC KDB Publication
447498 D01 General RF Exposure Guidance v06

According to 447498 D01 General RF Exposure Guidance v06:

SAR evaluation, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

3.3.1 Exemption Limits for Routine Evaluation – SAR Evaluation

SAR evaluation is required if the separation distance between the user and/or bystander and the antenna and/or radiating element of the device is less than or equal to 20 cm, except when the device operates at or below the applicable output power level (adjusted for tune-up tolerance) for the specified separation distance defined in Table .

Table: SAR evaluation — Exemption limits for routine evaluation based on frequency and separation distance

| MHz | 5 | 10 | 15 | 20 | 25 | mm |
|------|-------|-------|-------|-------|-------|---|
| 2440 | 10.02 | 19.05 | 29.07 | 38.11 | 48.11 | SAR Test Exclusion Threshold (mW) |

| MHz | 30 | 35 | 40 | 45 | 50 | mm |
|------|-------|-------|-------|-------|-------|---|
| 2440 | 57.15 | 67.16 | 77.18 | 86.22 | 96.24 | SAR Test Exclusion Threshold (mW) |

Output power level shall be the higher of the maximum conducted or equivalent isotropically radiated power (e.i.r.p.) source-based, time-averaged output power.

Established separation distance is 5 mm.

Operating frequency band : 2402-2480 MHz

Max. output power level at 5 mm separation distance at 2440 MHz according to table is: 10.02 mW

The product is exempt from SAR Evaluation/Testing because the output power of 1.65 mW is below the exemption limit of 10.02 mW.