

Registration number: W6M22006-19965-C-1
 FCC ID: 2ANR7-VT66

3.2 Equivalent Isotropic Radiated Power (EIRP)

FCC Rule: 15.247(b)(3)

EIRP = max. conducted output power + antenna gain

BT

EIRP = 3.68 dBm + (3.5 dBi [antenna gain claimed by manufacturer] = 7.18 dBm = 5.2240 mW

BLE

EIRP = 3.67 dBm + (3.5 dBi [antenna gain claimed by manufacturer] = 7.17 dBm = 5.2119 mW

RFID

EIRP = 10.07 dBm + (2.5 dBi [antenna gain claimed by manufacturer] = 12.57 dBm = 18.0717 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

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
2441	10.02	19.05	29.07	38.10	48.10	SAR Test Exclusion Threshold (mW)
2440	10.02	19.05	29.07	38.11	48.11	
902.75	15.98	31.96	46.95	62.94	78.95	

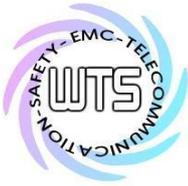
MHz	30	35	40	45	50	mm
2441	57.13	67.15	77.16	86.20	96.21	SAR Test Exclusion Threshold (mW)
2440	57.15	67.16	77.18	86.22	96.24	
902.75	94.90	110.89	125.87	141.85	157.84	

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 15 mm.

Operating frequency band: 2402-2480 MHz (BT)

Max. output power level at 15 mm separation distance at 2441 MHz according to table is: 29.07 mW
 The product is exempt from SAR Evaluation/Testing because the output power of 5.2240 mW is below the exemption limit of 29.07 mW.



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Operating frequency band: 2402-2480 MHz (BLE)

Max. output power level at 5 mm separation distance at 2440 MHz according to table is: 29.07 mW
The product is exempt from SAR Evaluation/Testing because the output power of 5.2119 mW is below the exemption limit of 29.07 mW.

Operating frequency band: 902.75-927.25 MHz (RFID)

Max. output power level at 15 mm separation distance at 902.75 MHz according to table is: 46.95 mW
The product is exempt from SAR Evaluation/Testing because the output power of 18.0717 mW is below the exemption limit of 46.95 mW.

Explanation: WLAN function please refer to SAR report.