

7. Measurement Data (continued)

7.7. Public Exposure to Radio Frequency Energy Levels ((FCC KDB 447498 D01 v06, 1.1307 (b)(1), 2.1091(b)) RSS-GEN, RSS 102, Issue 5

7.7.1 SAR Test Exclusion (FCC KDB 447498 D01 v06, Clause 4.3.1.c) 2))

Frequency (MHz)	MPE Distance (mm)	DUT Output Power (mW)	SAR Test Exclusion (mW)	Result
	(1)	(2)	(3)	
40.68	≤50	0.00017022	329.8143	Compliant

- (1) FCC KDB 447498 D01 v06, Clause 4.3.1.(c)(2)
- (2) Converted from 3M field strength measurement ($FS_{(dB\mu V/m)} - 95.2$)
Reference Section 7.2, Measured Field Strength
- (3) $\frac{1}{2}(1 + \log(100/f_{(MHz)}))$
Formula detailed in KDB 447498 D01 v06, Clause 4.3.1.(c)(2)

7.7.2 Exemption Limits for Routine Evaluation – SAR Evaluation (RSS-102 Clause 2.5.1)

Frequency (MHz)	MPE Distance (mm)	DUT Output Power (mW)	SAR Test Exclusion (mW)	Result
	(1)	(2)	(3)	
40.68	≤5 mm	0.00017022	177.5	Compliant

- (1) RSS-102, Clause 2.5.1
- (2) Converted from 3M field strength measurement ($FS_{(dB\mu V/m)} - 95.2$)
Reference Section 7.2, Measured Field Strength
- (3) RSS-102, Clause 2.5.1, Table 1 ≤ 300 MHz = 71 mW at ≤ 5 mm
Factor of 2.5 for limb-worn devices applied.

Note: The two transmitters within the device do not transmit simultaneously. The calculations for output power are based upon peak power, the time-sourced average power is lower due to the low duty cycle of the transmissions.