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Please Contact with WSCT
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RF Exposure evaluation

According to KDB447498D01 General RF Exposure Guidance v06

4.3.1. Standalone SAR test exclusion considerations

Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

The 1-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

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

- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- When the minimum test separation distance is < 5 mm, a distance of 5 mm according is applied to determine SAR test exclusion.

The worst case (refer to report CS2290 FCC18010053A) is below:

For BT:

		Max.	Max.	Tune	Max. Tune	Max. Tune		Test		Standalone SAR
V	Model		Power	Up Power (dBm)	Up	Up	f (GHz)	Distance Result	test	
					Power (dBm)	Power (dBm)		(mm)		exclusion Threshold
	ВТ	0.69	1.17	1.0±1.0	2.0	1.58	2.450	<5.00	0.50	3.00

Calculation Result: 0.50<3.0 for 1-g SAR

Result: Base on the calculation value, No SAR measurement is required.

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