



For Question,
Please Contact with WSCT
www.wsct-cert.com

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)] • [$\sqrt{f(GHz)}$] \leq 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 SR210-15 FCC17121025A 3.0) is below:

For BT:

		Max.	Max.	Tune	Max. Tune	Max. Tune	•	Test		Standalone SAR
V	Model	odel Power (dBm)	Power (mW)	Up Power (dBm)	Up Power (dBm)	Up Power (dBm)	(GHz)	Distance (mm)	Result	test exclusion Threshold
	ВТ	4.22	2.64	4.0±1.0	5.0	3.16	2.450	<5.00	0.99	3.00

Calculation Result: 0.99<3.0 for 1-g SAR

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

WSET WSET WSET WSET WSET

WSCT 世标检测认证股份

WSET

WSET°

W5C1

nology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, Chi 192 FAX:86-755-86376605 E-mail:Fengbing Wang@wsct-cert.com Http://www.wsct-cert.co

ADD:Building A-B Baoshi Science