

SAR Test Exclusion Consideration

Date: 04/05/2021

FCC ID: 2AACW-TR5-7

Portable Use:

KDB 447498 D01 clause 4.3.1 Step 1) SAR test exclusion threshold for 1000 MHz to 6GHz at test separation distances \leq 50 mm

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\text{Vf(GHz)}] \leq 3.0$ for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR

$= [(\text{mW} / \text{mm})] \times (\text{GHz}) =$

BT

Max. Transmitting frequency	2,441 GHz
Min test separation distance	5 mm
Max. power of channel, including tune-up tolerance	2,4 dBm + 1dBm
Max. power of channel, including tune-up tolerance	2,1877 mW
SAR Value	1,068 \leq 3.0

BLE

Max. Transmitting frequency	2,401 GHz
Min test separation distance	5 mm
Max. power of channel, including tune-up tolerance	1,48 dBm + 1 dBm
Max. power of channel, including tune-up tolerance	1,7782 mW
SAR Value	0,868 \leq 3.0

⇒ SAR evaluation for general population exposure condition by measurement or numerical simulation is not required

Note:

Output Power to Antenna values are that of Channel Power measured on sample TRIUMPH 7 INCH and collected in the test reports n° 21-04242 and 21-04241