



Standalone SAR test exclusion considerations: LE

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RF feaature	Mode	Transmitting Frequency(MHz)	Test separation distance (mm) ^{Note}	ANT Gain (dBi)	Max. power with tune-up tolerance (dBm)	Max. power with tune-up tolerance (mW)	Power thresholds	SAR test exclusion thresholds
LE	-	2440.00	5.0	3.50	1.00	1.2589	0.39	3.00

Note. The mimum sapartion distance between antenna and user is 5mm. But we applied a closer distance to calculate the worst results.

KDB 447498 D01 clasue 4.3.1 Step 1) SAR test exclusion thresholds for 100MHz to 6GHz at test separationn distances ≤ 50 mm

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] · [√f(GHz)] ≤ 3.0 for 1g SAR and ≤ 7.5 for 10g extremity SAR

Sample Calculation

$$= [(1.2589\text{mW} / 5\text{mm})] \times [\sqrt{2.44\text{GHz}}] = 0.39$$

Note. The calculation result was rounded to two decimal place for comparison.

Conclusion : SAR evaluation for general population exposure conditions by measurement or numerical simulation is not required