



### 1. Limit for Portable Equipment Exposure

Frequency	1-g SAR
100MHz-6GHz	3.0

According to KDB 447498 D01 General RF Exposure Guidance v06 and part 2.1093

For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

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

f(GHz) is the RF channel transmit frequency in GHz

### 2. Estimation Result

Frequency (MHz)	PK Output Power(dBm)	Output Power(mW)	Test Separation Distance (mm)	Measurement Result	1-g SAR
433.92	-14.84	0.033	5	0.004	3.0

Note:

- use the maximum E-field strength(80.36dBuV/m) for the RF exposure evaluation
- E(dBuV/m)=EIRP(dBm)-95.2 for distance 3m so the EIRP=80.36dBuV/m-95.2=-14.84dBm

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