

# RF Exposure Evaluation

Product : Blood Pressure Monitor

Model Number : BPM64R

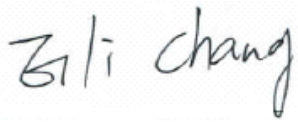
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## RF Exposure Evaluation

### Portable Device

According to §15.247(i) and §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines. According to KDB 447498\_D01\_V06 4.3.1(a)

SAR exclusion thresholds by:

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

### Maximum measured transmitter power

Frequency Range (MHz)	Maximum measured transmitter power (dBm)	Tune-up power tolerance (dB)	Total Maximum power (dBm)	Total Maximum power (mW)
2402	-8.22	(±)2	-6.22	0.239
2440	-9.47	(±)2	-7.47	0.179
2480	-10.37	(±)2	-8.37	0.146

$$(0.239/5) \cdot (\sqrt{2.402}) = 0.074 \leq 3$$

**Conclusion:** No SAR is required.

### SIMULTANEOUS TRANSMISSION EVALUATION

N/A