

# RF Exposure Evaluation

E.U.T. : Transceiver

Model Number : 5BER15SP

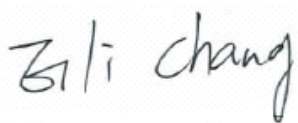
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## RF Exposure Evaluation

### Portable Device

According to §15.247(e)(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\_V05 4.3.1(1)

SAR exclusion thresholds by:

$[\text{max. power of channel, including tune-up tolerance, mW}] / (\text{min, test separation distances, mm}) * [\sqrt{f(\text{GHz})}] \leq 3.0$  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)
909.6	11.65	(±)2	13.65	23.1739
913.8	11.62	(±)2	13.62	23.0144
918.0	11.67	(±)2	13.67	23.2809

$$(23.2809/5) * (\sqrt{0.918}) = 4.4612 \leq 7.5$$

**Conclusion:** No SAR is required.

### SIMULTANEOUS TRANSMISSION EVALUATION

N/A