

RF Exposure evaluation

Applicant: Iqua Ltd.
Model: BHS-801
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Equipment description

The equipment is Bluetooth headset operating at 2.4 GHz band. The headset may be installed next to users ear or to users chest pocket. The usual operation distance to user is less than 1cm.

Measured Rf output power from headset

Frequency MHz	Conducted power mW	Max antenna gain dB	EIRP mW
2402 (low Ch)	0.95	- 2.49 dBi	0.7
2480 (High Ch)	0.61	- 1.58 dBi	0.99

- The conducted power levels are measured with peak detector. No averaging or duty cycle factors are used. The values are taken from Natlabs test report T07-208A-EMC.
- The chip antenna manufacturer data sheet is referenced for Maximum antenna gain value.

Conclusion

Since the transmitter conducted and radiated power is very low, no SAR evaluation is required.

Iqua Ltd

Mika Katainen, 14.3.2007