



CTK Co., Ltd.
The Prime Leader of Global Regulatory Compliance

CTK Co., Ltd.

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RF EXPOSURE EVALUATION

Applicant	Sony Corporation
Applicant Address	1-7-1 Konan, Minato-ku, Tokyo 108-0075, Japan
Kind of Product	Wireless Stereo Headset
Equipment model name	MDR-1RBT
RF Conducted Power	GFSK : 4.296 dBm DQPSK : -0.633 dBm
Antenna type	Patten antenna
Frequency Range	2402 MHz - 2480 MHz
Antenna Gain	1.67 dBi



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** MPE Calculations **

No Evaluation Required if power is below this threshold. (60/f(GHz) mW)

Frequency (GHz)	mW
2.480	24.19

The MPE calculation for this exposure is shown below.

$EIRP = P + G$	Where, P = Conducted output power (dBm) G = Power gain of the antenna (dBi)
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Mode	Output Power(dBm)	Antenna gain (dBi)	EIRP (dBm)	EIRP (mW)
GFSK	4.296	1.67	5.966	3.950
DQPSK	-0.633		1.037	1.270

Conclusion: No SAR evaluation required since Transmitter EIRP is below FCC threshold.