



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

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RF EXPOSURE EVALUATION

Applicant	Cresyn Co., Ltd.
Applicant Address	8-22 Jamwon-dong, Seocho-gu, Seoul, Korea
Kind of Product	Noise Cancelling Bluetooth Stereo Earphones
Equipment model name	PS 210 BTNC
RF Conducted Power	GFSK : 7.876 dBm 8-DPSK : 6.149 dBm
Antenna type	Chip antenna
Frequency Range	2402 MHz - 2480 MHz
Antenna Gain	-1.5 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	7.876	-1.5	6.376	4.341
8-DPSK	6.149		4.649	2.917

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