



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

CTK Co., Ltd.

386-1, Ho-dong, Cheoin-gu, Yongin-si, Gyeonggi-do, 449-100, Korea

Tel: +82-31-339-9970 Fax: +82-31-339-9855

www.e-ctk.com

RF EXPOSURE EVALUATION

Applicant : Cresyn Co., Ltd.

Applicant Address : 8-22 Jamwon-dong, Seocho-gu, Seoul, Korea

Kind of Product : Wireless Headphones with Active Noise Cancelling

Equipment model name : CHORD MS 530

Antenna type : Chip antenna Gain 2.7 dBi

Frequency Range : 2400 – 2483.5 MHz

Peak Output Power : 3.698 dBm

Number of channels : 79



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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)
DQPSK	3.698	2.7	6.398	4.363

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