

KDB 447498 D01 General RF Exposure Guidance v06  
INDUSTRY CANADA RSS-102 Issue 5

In re : Cresyn Co., Ltd.  
FCC ID : V2R-TWIG  
Certification Number IC : 10488A-TWIG

**[EarPhone L]**

Conducted Output Power

Frequency (MHz)	Channel No.	Mode	
		GFSK	8-DPSK
Output Power(dBm)			
2402	0	3.990	3.350
2441	39	3.510	2.900
2480	78	3.790	3.130

RF Exposure Evaluation

Frequency range (MHz)	Antenna Gain (dBi)	Conducted Output Power (dBm)	EIRP (mW)
2402 - 2480	3.02	3.99	5.023

4.3.1. Standalone SAR test exclusion considerations

**100 MHz to 6 GHz at separation distance less than or equal to 50 mm**

<b>SAR Test Exclusion Calculator</b>			
<b>Insert values in yellow highlighted boxes to determine SAR Exclusion</b>			
Max Power	5.023	mW	
Min Separation	5	mm	When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.
Frequency	2.4	GHz	
Answer	<b>1.6 Must be less than or equal to 3.0 for SAR Exclusion</b>		

**KDB 628591 D01 TCB Exclusion List v16**  
TCBs are excluded from granting if:  
**General Population:** The Answer is equal to or greater than 24 (8x threshold)  
**Controlled Use:** The Answer is equal to or greater than 60 (20x threshold)  
**and**, when published RF exposure KDB procedures are not established for SAR testing or when SAR data is not provided to support compliance.

**Please also note the following:** *[FCC KDB quote]* These test exclusion conditions are based on source-based time-averaged maximum conducted output power of the RF channel requiring evaluation, adjusted for tune-up tolerance, and the minimum test separation distance required for the exposure conditions. The minimum test separation distance is determined by the smallest distance from the antenna and radiating structures or outer surface. *[End quote]*

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**[EarPhone R]**

Conducted Output Power

Frequency (MHz)	Channel No.	Mode	
		GFSK	8-DPSK
		Output Power(dBm)	
2402	0	3.610	3.020
2441	39	3.130	2.600
2480	78	3.540	2.870

RF Exposure Evaluation

Frequency range (MHz)	Antenna Gain (dBi)	Conducted Output Power (dBm)	EIRP (mW)
2402 - 2480	3.49	3.61	5.129

4.3.1. Standalone SAR test exclusion considerations

**100 MHz to 6 GHz at separation distance less than or equal to 50 mm**

SAR Test Exclusion Calculator			
Insert values in yellow highlighted boxes to determine SAR Exclusion			
Max Power	5.129	mW	
Min Separation	5	mm	When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.
Frequency	2.4	GHz	
Answer	1.6 Must be less than or equal to 3.0 for SAR Exclusion		

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