



REP030748

RF Exposure Assessment

Product	DECT Headset
Name and address of the applicant	ParTech, Inc. 8383 Seneca Turnpike, New Hartford NY 13413, USA
Name and address of the manufacturer	ParTech, Inc. 8383 Seneca Turnpike, New Hartford NY 13413, USA
Model	PC Headset / PCH1 – PAR Clear Headset
Rating	3.7 V _{DC} , 800 mAh
Trademark	PAR
Additional information	DECT 6.0
Evaluated according to	FCC Part 1.1307(b) RF Exposure Assessment FCC KDB 447498 D01 v06 General RF Exposure Guidance
Order number	PRJ0041321
Issue date	2024-03-05
Name and address of the testing laboratory	 Nemko Scandinavia AS Instituttveien 6 2007 Kjeller, Norway www.nemko.com
	CAB Number: FCC: NO0001 ISED: NO0470 ISED No: 2040D-1
	  An accredited technical test executed under the Norwegian accreditation scheme
	
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Revision history

Revision	Date	Comment	Sign
A	2024-03-05	First Edition	RU

GENERAL REMARKS

This report applies only to the sample(s) tested. It is the manufacturer's responsibility to ensure the additional production units of this product are manufactured with identical electrical and mechanical components. The manufacturer is solely responsible for any modifications to the product that could result in non-compliance with the relevant regulations.

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1 Exposure Evaluation

1.1 EUT Technical Information

Name	Drive Thru System, DECT Headset
Model/version	PC Headset / PCH1 – PAR Clear Headset
FCC ID	AVHPCH1
Serial Number	PRJ00413210013
Hardware identity and/or version	2.2
Software identity and/or version	0.1.12
Frequency Range	1921.536 – 1928.448 MHz
Type of Power Supply	Secondary Battery (Li-Ion 3.7V, 800 mAh)
Type of Portable Device	DECT Headset
Output Power incl. Tune-Up Tolerance	2.69 mW (Average) / 65 mW (Peak)
Reference to RF Test Report	REP028184

1.2 Evaluation Summary

The EUT has been evaluated and found to be exempt from SAR Evaluation according to the Exemption Criteria in KDB 447498 D01 General RF Exposure Guidance v06, Clause 4.3 a):

For 100 MHz to 6 GHz and *test separation distances* \leq 50 mm, the 1-g and 10-g *SAR test exclusion thresholds* are determined by the following:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f_{(\text{GHz})}}] \leq 3.0 \text{ for 1-g SAR, and } \leq 7.5 \text{ for 10-g extremity SAR,}^{30} \text{ where}$$

- $f_{(\text{GHz})}$ is the RF channel transmit frequency in GHz

Determination of Exemption for Single RF Sources			
Average Conducted Power, including Tune Up Tolerance	2.69	mW	
Maximum Duty Cycle	4.33	%	
Separation Distance	5	mm	
Frequency (valid for 100 MHz to 6 GHz)	1.925	GHz	
Exclusion Criteria: $(2.69 \text{ mW} / 5 \text{ mm}) \cdot \text{SQRT}(1.93 \text{ GHz})$	0.75		
Exclusion Threshold (1-g SAR: 3.0, 10-g Extremities SAR: 7.0)	3.0	1-g	
Exclusion Threshold for Body-Worn Device @X GHz and 5 mm	10.8	mW	
CONCLUSION	EXEMPTED		