SAR Exemption Evaluation

Applicant	Peavey Electronics Corp.
FCC ID	I4S-PBK1215BT
Product	Powered Loudspeaker
Model	PBK 12BT; PBK 15BT
Report No.	EFTA25060017-IE-04-S1V2
Issue Date	July 3, 2025

Eurofins TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in **KDB 447498 D01 General RF Exposure Guidance v06.** The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

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Version	Revision Description	Issue Date
Rev.0	Initial issue of report.	June 23, 2025
Rev.1	Updated information.	June 25, 2025
Rev.2	Updated information.	July 3, 2025
Note: This revised report (Report No.: EFTA25060017-IE-04-S1V2) supersedes and replaces the previously issued report (Report No.: EFTA25060017-IE-04-S1V1). Please discard or destroy the previously issued report and dispose of it accordingly.		

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1 Test Laboratory

1.1 Notes of the Test Report

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1.2 Test Facility

FCC (Designation number: CN1179, Test Firm Registration Number: 446626)

Eurofins TA Technology (Shanghai) Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform measurements.

1.3 Testing Location

Company:	Eurofins TA Technology (Shanghai) Co., Ltd.
Address:	Building 3, No.145, Jintang Rd, Pudong Shanghai, P.R.China
City:	Shanghai
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1.4 Laboratory Environment

Temperature	Min. = 18°C, Max. = 25°C
Relative humidity	Min. = 20%, Max. = 80%
Ground system resistance	< 0.5 Ω
Ambient noise is checked and found very low and in compliance with requirement of standards. Reflection of surrounding objects is minimized and in compliance with requirement of standards.	

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2 Description of Equipment Under Test

Client Information

Applicant	Peavey Electronics Corp.
Applicant address	5022 Hartley Peavey Drive, Meridian, MS, USA 39305
Manufacturer	Peavey Electronics Corp.
Manufacturer address	5022 Hartley Peavey Drive, Meridian, MS, USA 39305

General Technologies

Application Purpose	Original Grant
EUT Stage	Identical Prototype
Model	PBK 12BT; PBK 15BT
Lab internal SN	EFTA25060017-IE-04/S01
Hardware Version	V1.0
Software Version	V1.0
Antenna Type	Internal Antenna
Date of Testing	June 4, 2025 ~ June 5, 2025
Date of Sample Received	June 3, 2025
Note: The EUT is sent from the applicant to Eurofins TA and the information of the EUT is declared by the applicant.	

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Wireless Technology and Frequency Range

Wireless Technology		Modulation	Operating Mode	Tx (MHz)
BT	2.4G	Version 5.2 BR/EDR		2402 ~2480

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3 Test Specification, Methods and Procedures

Reference Standards

KDB 447498 D01 General RF Exposure Guidance v06

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4 Output Power

BT	Maximum Output Power(dBm)			Tune-up Limit (dBm)
	Channel/Frequency (MHz)			
	Ch 0/2402 MHz	Ch 39/2441 MHz	Ch 78/2480 MHz	
GFSK	-0.13	-0.67	-1.46	3.00
π/4DQPSK	2.17	1.39	0.60	3.00
8DPSK	2.72	1.93	1.15	3.00

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5 Standalone SAR Test Exclusion Considerations

Per KDB 447498 D01, the 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:
[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] · [√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR

- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

Per KDB 447498 D01, when the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

Band	Configuration	Frequency (MHz)	Distance (mm)	Maximum Tune Up (dBm)	Ratio	SAR test Exclusion Thresholds	Evaluation
Bluetooth	Body-worn	2402	15	3.00	0.21	3	No
	Hotspot	2402	10	3.00	0.31	3	No
	Extremity SAR	2402	5	3.00	0.62	7.5	No

Note: Based on SAR test exclusion, all values meet the SAR test exclusion thresholds and are exempt from routine evaluation.

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ANNEX A: The EUT Appearance

The EUT Appearance are submitted separately.

********END OF REPORT ********

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