TEST REPORT

Report Number. ..... :	90479-25-72-25-PP002	
Date of issue ..... :	2025.05.26	
Prepared by (+signature)..... :	Pale	
Reviewer (+signature)..... :	Duke	
Approved by (+signature) ..... :	Jason	
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Applicant's name ..... :	Audio Enhancement, Inc.	
Address ..... :	9858 South Audio Drive West Jordan United States 84081 Of America	
Manufacturer's name ..... :	MOKO TECHNOLOHY Ltd	
Address ..... :	Factory 201, 107 Pinshun Rd Guixiang community, Guanlan Street, Longhua, Shenzhen, China 518110	
Factory's name ..... :	MOKO TECHNOLOHY Ltd	
Address ..... :	Factory 201, 107 Pinshun Rd Guixiang community, Guanlan Street, Longhua, Shenzhen, China 518110	
Standard(s) ..... :	FCC 1.1310：§1.1307(b)	
Test item description ..... :	SAFE Alert Duress Badge	
Trade Mark ..... :	N/A	
Model/Type reference ..... :	XD-0780	
FCC ID ..... :	2BOMJ-XD0780	
Date of receipt of test item ..... :	2025.05.19	
Date (s) of performance of test:	2025.05.19- 2025.05.24	
Test Report Form No. ..... :	FCC CFR Part 1_B1	
Master TRF..... :	Dated 2021-09	
Summary of Test Results ..... :	Pass	

The Summary of Test Results based on a technical opinion belongs to the standard(s).

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Modified History

Report No.	Revision Date	Summary
90479-25-72-25-PP002	2025.05.26	Original Report

1. EUT Specification

Product:	SAFE Alert Duress Badge
Model Number:	XD-0780
Power supply:	☒: DC 3.0V ☐:Adapter information
Modulation:	BLE(GFSK)
Frequency Range:	2402MHz～2480MHz
Number of Channels:	40channels
Antenna Gain:	4.25dBi
Antenna:	PCB Antenna

2. Test Requirement

RF EXPOSURE EVALUATION

According to FCC 1.1310: The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) Radiation as specified in §1.1307(b)

Limits for Maximum Permissible Exposure (MPE)

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, where • f(GHz) is the RF channel transmit frequency in GHz • Power and distance are rounded to the nearest mW and mm before calculation17 • The result is rounded to one decimal place for comparison The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion

According to KDB447498D01 General RF Exposure Guidance v06
Standalone SAR test exclusion considerations
Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

3. Measurement Result

Operation Mode: BLE						
Channel	Maximum Peak Conducted Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power		Calculated value	Exclusion threshold
			(dBm)	(mW)		
GFSK - Lowest (2402MHz)	-0.881	-2±0	-2.0	0.63	0.20	3.0
GFSK - Middle (2440MHz)	-1.159	-2±0	-2.0	0.63	0.20	
GFSK - Highest (2480MHz)	-0.852	-2±0	-2.0	0.63	0.20	
Conclusion: the calculated value ≤3.0, SAR is exempted.						

The Maxinum power is less than the limit, complies with the exemption requirements, SAR is exempted.

Remark: The Max Conducted Peak Output Power data refer to report Report No.: 90479-25-72-25-PP001.

THE END

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