TEST REPORT

Product Name	**:**	**CD Soundmachine**
Model Number	**:**	**VT-831,TAZ3300/00,TAZ3300B/37,TAZ3300W/37 ,TAZ3300x/yy(x=A-Z or Nil for color,yy= 00-99 or NIL, for country code) VT-876,TAZ4300/00,TAZ4300B/37,TAZ4300W/37 ,TAZ4300x/yy(x=A-Z or Nil for color,yy= 00-99 or NIL, for country code)**
FCC ID	**:**	**2AR2STAZ3300**

Prepared for	:	MMD Hong Kong Holding Limited
Address	:	Units 1208-11,12th Floor,C-Bons International Center,108 Wai Yip Street, Kwun Tong, Kowloon, Hong Kong
Prepared by	:	EMTEK (SHENZHEN) CO., LTD.
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Report Number	:	ENS2504180062W01002R
Date(s) of Tests	:	January 15, 2025 to March 11, 2025
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1. TEST RESULT CERTIFICATION

Applicant	:	MMD Hong Kong Holding Limited
Address	:	Units 1208-11,12th Floor,C-Bons International Center,108 Wai Yip Street, Kwun Tong, Kowloon, Hong Kong
Manufacturer	:	VISTAR ELECTRIC CO.,LIMITED
Address	:	ROOM 101,NO.1 CHUANGXIN ROAD,WUSHILING DISTRICT,DALANG TOWN,DONGGUAN CITY,GUANGDONG PROVINCE.
Factory	:	VISTAR ELECTRIC CO.,LIMITED
Address	:	ROOM 101,NO.1 CHUANGXIN ROAD,WUSHILING DISTRICT,DALANG TOWN,DONGGUAN CITY,GUANGDONG PROVINCE.
EUT	:	CD Soundmachine
Model Name	:	VT-831,TAZ3300/00,TAZ3300B/37,TAZ3300W/37,TAZ3300x/yy(x=A-Z or Nil for color,yy= 00-99 or NIL, for country code) VT-876,TAZ4300/00,TAZ4300B/37,TAZ4300W/37,TAZ4300x/yy(x=A-Z or Nil for color,yy= 00-99 or NIL, for country code)
Trademark	:	PHILIPS,

Measurement Procedure Used:

APPLICABLE STANDARDS	
STANDARD	**TEST RESULT**
§ 15.247(i), § 2.1093	**PASS**

The above equipment was tested by EMTEK (SHENZHEN) CO., LTD. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with the requirements of FCC Rules FCC § 15.247(i), § 2.1093.

The test results of this report relate only to the tested sample identified in this report

Date of Test : January 15, 2025 to March 11, 2025

Prepared by : Una Yu /Editor

Reviewer : Joe Xia/Supervisor

Approve & Authorized Signer : Lisa Wang/Manager

Modified History

Version	Report No.	Revision Date	Summary
	ENS2504180062W01002R	/	Original Report

2. EUT Specification

Characteristics	Description
Product:	CD Soundmachine
Model Number:	VT-831,TAZ3300/00,TAZ3300B/37,TAZ3300W/37,TAZ3300x/yy(x=A-Z or Nil for color,yy= 00-99 or NIL, for country code) VT-876,TAZ4300/00,TAZ4300B/37,TAZ4300W/37,TAZ4300x/yy(x=A-Z or Nil for color,yy= 00-99 or NIL, for country code) (NOTE: The VT-831 and VT-876 are internal models of the factory, corresponding to other models respectively. The VT-831 corresponds to the TAZ3300 series model, while the VT-876 corresponds to the TAZ4300 system model. The PCBA boards and wireless modules of TAZ3300 series model and TAZ4300 series model are the same, Only the PCB displayed is different, so the radiation emission and power conduction of TAZ3300B and TAZ4300B at 30-1000MHz are tested and reflected in the report.)
Sample:	1#
Data Rate:	1Mbps for GFSK modulation 2Mbps for π/4-DQPSK modulation 3Mbps for 8DPSK modulation
Modulation:	GFSK, π/4-DQPSK, 8DPSK
Operating Frequency Range(s) :	2402-2480MHz
Number of Channels:	79 channels
Transmit Power Max:	-4.14 dBm(0.000385 W)
Antenna Gain:	-0.68 dBi
Power supply:	AC 120V 60Hz, DC6V from Battery
Evaluation applied:	☐ MPE Evaluation ☒ SAR Evaluation

3. Test Requirement

SAR Evaluation

According to 447498 D01 V06, systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

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*)] · [$\sqrt{f_{(GHz)}}$] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR,[24] where

- $f_{(GHz)}$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation[25]
- The result is rounded to one decimal place for comparison
- 3.0 and 7.5 are referred to as the numeric thresholds in the step 2 below

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 according to 5) in section 4.1 is applied to determine SAR test exclusion.

Routine SAR evaluation refers to that specifically required by § 2.1093, using measurements or computer simulation. When routine SAR evaluation is not required, portable transmitters with output power greater than the applicable low threshold require SAR evaluation to quality for TCB approval.
One antenna is available for the EUT. The minimum separation distance is 5mm.

4. Measurement Result

Antenna gain: -0.68 dBi

Transmit Frequency (MHz)	Mode	Measured Power (dBm)	Tune upPower (dBm)	Max tune up power (dBm)	Calculation Result	1-g SAR
2402	GFSK	-5.26	-6±1	-5	0.0980204	3
2441	GFSK	-6.83	-7±1	-6	0.0784899	3
2480	GFSK	-6.48	-7±1	-6	0.0791145	3
2402	Π/4-DQPSK	-4.62	-5±1	-4	0.1234004	3
2441	Π/4-DQPSK	-6.37	-7±1	-6	0.0784899	3
2480	Π/4-DQPSK	-6.01	-7±1	-6	0.0791145	3
2402	8DPSK	-4.14	-5±1	-4	0.1234004	3
2441	8DPSK	-6.01	-7±1	-6	0.0784899	3
2480	8DPSK	-5.54	-6±1	-5	0.0995992	3

According to KDB 447498 D01 V06, no stand-alone required for BT antenna, and no simultaneous SAR measurement is required.

*** End of Report ***