



FCC RF EXPOSURE REPORT CERTIFICATION TEST REPORT

For

Soundbar speaker With built-in subwoofer

MODEL NUMBER: PDB90/00

FCC ID: 2AR2SPDB90

REPORT NUMBER: 4790177870-8

ISSUE DATE: December 17, 2021

Prepared for

MMD HONG KONG HOLDING LIMITED
Unit 1006, 10th Floor, C-Bons International Center, 108 Wai Yip Street, Kwun
Tong, Kowloon, Hong Kong

Prepared by

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	12/17/2021	Initial Issue	

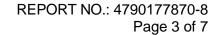




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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name: MMD HONG KONG HOLDING LIMITED

Address: Unit 1006, 10th Floor, C-Bons International Center, 108 Wai Yip

Street, Kwun Tong, Kowloon, Hong Kong

Manufacturer Information

Company Name: MMD HONG KONG HOLDING LIMITED

Unit 1006, 10th Floor, C-Bons International Center, 108 Wai Yip Address:

Street, Kwun Tong, Kowloon, Hong Kong

EUT Information

EUT Name: Soundbar speaker With built-in subwoofer

Model: PDB90/00

Brand: PORSCHE DESIGN Sample Received Date: November 29, 2021

Sample Status: Normal Sample ID: 4433050

Date of Tested: November 30, 2021~ December 13, 2021

APPLICABLE STANDARDS				
TEST RESULTS				
PASS				

Prepared By: Checked By: Shemy les Mick. Zhang Mick Zhang Shawn Wen **Project Engineer Laboratory Leader** Approved By: Stephen Guo

Laboratory Manager



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2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091.

3. FACILITIES AND ACCREDITATION

	A2LA (Certificate No.: 4102.01)
	UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch.
	has been assessed and proved to be in compliance with A2LA.
	FCC (FCC Designation No.: CN1187)
	UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch.
	Has been recognized to perform compliance testing on equipment subject
	to the Commission's Declaration of Conformity (DoC) and Certification rules
	ISED (Company No.: 21320)
Accreditation	UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch.
Certificate	has been registered and fully described in a report filed with
	Industry Canada. The Company Number is 21320.
	VCCI (Registration No.: G-20019, R-20004, C-20012 and T-20011)
	UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch.
	has been assessed and proved to be in compliance with VCCI, the
	Membership No. is 3793.
	Facility Name:
	Chamber D, the VCCI registration No. is G-20019 and R-20004
	Shielding Room B, the VCCI registration No. is C-20012 and T-20011

Note: All tests measurement facilities use to collect the measurement data are located at Building 10, Innovation Technology Park, Song Shan Lake Hi tech Development Zone, Dongguan, 523808, China.



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4. REQUIREMENT

LIMIT AND CALCULATION METHOD

Systems operating under the provisions of FCC 47 CFR 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.

In accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091 this device has been defined as mobile device whereby a distance of 0.2m normally can be maintained between the user and the device, and below RF Permissible Exposure limit shall comply with. Limits for General Population/Uncontrolled Exposure

RF EXPOSURE LIMIT

Frequency Range (MHz)	E-field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm²)	Averaging Time E ², H ² or S (Minutes)
0.3 1.34	614	1.63	(100)*	30
1.34 30	824/f	2.19/f	(180/f ²)*	30
30 300	27.5	0.073	0.2	30
300 1500			f/1500	30
1500 100,000			1.0	30

CALCULATION METHOD

 $S=PG/4\pi R^2$

Where:

S=power density

P=power input to antenna

G=power gain of the antenna in the direction of interest relative to an isotropic radiator

R=distance to the center of radiation of the antenna



CALCULATED RESULTS

BT (Worst case)					
Operating	Max. Tune up Power	Antenna Gain		Power density	Limit
Mode	(dBm)	(dBi)	(num)	(mW/ cm ²)	1
3DH5	2	2.46	1.76	0.00056	1

BLE (Worst case)					
Operating	Max. Tune up Power	Antenna Gain		Power density	Limit
Mode	(dBm)	(dBi)	(num)	(mW/ cm ²)	Liiiii
BLE-1M	1	2.46	1.76	0.00044	1

Note: 1. The calculated distance is 20cm.

Therefor the maximum calculations of above situations are less than the "1" limit.

END OF REPORT