



RADIO TEST REPORT

Applicant	:	Harman International Industries, Inc.
Address of Applicant	:	8500 Balboa Boulevard, Northridge, CA 91329, UNITED STATES
Manufacturer	:	Harman International Industries, Inc.
Address of Manufacturer	:	8500 Balboa Boulevard, Northridge, CA 91329, UNITED STATES
Equipment under Test	:	JBL Bar 2.1 Deep Bass with wireless subwoofer
Model No.	:	Bar 2.1 Deep Bass CNTR
HVIN	:	BAR21MK2A
FCC ID	:	APIBAR21MK2A
IC	:	6132A-BAR21MK2A
Test Standard(s)	:	47 CFR Part 15 Subpart C, RSS-210 Issue 11 June 25, 2024, ANSI C63.10-2020, RSS-Gen Issue 5, Apr. 2018, Amendment 2 (February 2021) ANSI C63 10-2020+Cor.1-2023+C63.10a- 2024+Errata to C63.10a-2024
Report No.	:	DDT-RE25061732-1E02
Issue Date	:	2026/04/15
Issue By	:	Guangdong Dongdian Testing Service Co., Ltd. Unit 2, Building 1, No. 17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808

REPORT

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Test Report Declare

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Model No.	:	Bar 2.1 Deep Bass CNTR
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Test Standard Used:
47 CFR Part 15 Subpart C,
RSS-210 Issue 11 June 25, 2024,
ANSI C63.10-2020,
RSS-Gen Issue 5, Apr. 2018, Amendment 2 (February 2021)
ANSI C63 10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024

We Declare:
The equipment described above is tested by Guangdong Dongdian Testing Service Co., Ltd. and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and Guangdong Dongdian Testing Service Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these tests.

Report No.:	DDT-RE25061732-1E02		
Date of Receipt:	2025/06/20	Date of Test:	2025/06/20 - 2025/08/22

Created: Chen Ziqin	Reviewed: Zoe Peng	Approved: Damon Hu
		
2025/08/22	2026/04/15	2026/04/15

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Guangdong Dongdian Testing Service Co., Ltd.

Revision History

Version	Revision Content	Issue Date	Approved
V0	Initial issue	2026/04/15	Damon Hu

1. Summary of Test Results

No.	Test Parameter	Clause No.	Condition	Result
1	Duty Cycle	ANSI C63.10 clause 7.5	/	Pass
2	20dB Bandwidth and 99% Bandwidth	47 CFR Part 15 15.215, RSS-Gen clause 6.7	/	Pass
3	Radiated Emission	47 CFR Part 15 15.209, 47 CFR Part 15 15.249, RSS-210 B.10, RSS-Gen clause 8.9, RSS-Gen clause 8.10	/	Pass
4	Field Strength Of The Fundamental Signal	47 CFR Part 15 15.209, 47 CFR Part 15 15.249, RSS-210 B.10, RSS-Gen clause 8.9, RSS-Gen clause 8.10	/	Pass
5	Power Line Conducted Emissions	47 CFR Part 15 15.207, RSS-Gen clause 8.8	/	Pass
6	Antenna Requirement	47 CFR Part 15 15.203, RSS-Gen clause 6.8	/	Pass
Note: N/A is an abbreviation for Not Applicable, and means this item is not applicable for this device or no need to test according to standard.				

2. General Test Information

2.1. Description of EUT

EUT Name	: JBL Bar 2.1 Deep Bass with wireless subwoofer
Model Number	: Bar 2.1 Deep Bass CNTR
Difference of model number	: /
EUT Function Description	: Please reference user manual of this device
Power Supply	: AC 100 ~240V, 50/60Hz, 100W
Hardware Version	: V0.2
Software Version	: V202
Antenna Type	: PCB Antenna
Max Antenna Gain(dBi)	: 1.57

Radio Technology	: SRD
Operation frequency	: 5743 MHz - 5832 MHz
Modulation	: FSK

Channel information					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5743	17	5775	33	5807
2	5745	18	5777	34	5809
3	5747	19	5779	35	5811
4	5749	20	5781	36	5813
5	5751	21	5783	37	5815
6	5753	22	5785	38	5817
7	5755	23	5787	39	5819
8	5757	24	5789	40	5821
9	5759	25	5791	41	5823
10	5761	26	5793	42	5825
11	5763	27	5795	43	5827
12	5765	28	5797	44	5829
13	5767	29	5799	45	5831
14	5769	30	5801	46	5832
15	5771	31	5803	/	/
16	5773	32	5805		

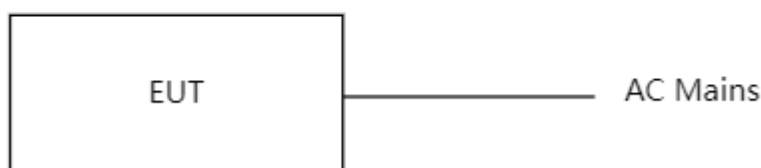
Note: The above EUT information is declared by manufacturer and for more detailed features description please refer to the manufacturer's specifications or User's Manual. The above Antenna information is declared by manufacturer and for more detailed features description please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

“☑” means to be chosen or applicable; “☐” means don't to be chosen or not applicable; This note applies to entire report.

2.2. Accessories of EUT

Accessories	Manufacturer	Model number	Description
AC cable	Harman	N/A	Length: 1.5m
HDMI cable	Harman	N/A	Length: 1.5m, with two magnetic rings
Remote control	Harman	N/A	N/A

2.3. Block diagram of EUT configuration for test



2.4. Decision of final test mode

According pre-test, the worst test modes were reported as below:

The test software: I2C EMI_Tool_V2.0,

According pre-test, the worst test modes were reported as below, the pathloss of external cable:

0.5dB (According to the manufacturer's claims):

Tested mode, channel, information			
Mode	Setting Tx Power	Channel	Frequency (MHz)
FSK Tx mode	5	CH1	5743
	5	CH23	5787
	5	CH46	5832

2.5. Deviations of test standard

No deviation.

2.6. Test environment conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature range:	21-25 °C
Humidity range:	40-75%
Pressure range:	86 kPa to106 kPa

Note: The specific temperature and humidity information of each test item refers to the temperature

and humidity record in the corresponding test data.

2.7. Test laboratory

Guangdong Dongdian Testing Service Co., Ltd.

Add.: Unit 2, Building 1, No. 17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808.

Tel.: +86-0769-38826678, <http://www.dgddt.com>, Email: ddt@dgddt.com.

CNAS Accreditation No. L6451; A2LA Accreditation Number: 3870.01

FCC Designation Number: CN1182, Test Firm Registration Number: 540522

Innovation, Science and Economic Development Canada Site Registration Number: 10288A

Conformity Assessment Body identifier: CN0048

VCCI facility registration number: C-20087, T-20088, R-20123, R-20240, G-20118

2.8. Measurement uncertainty

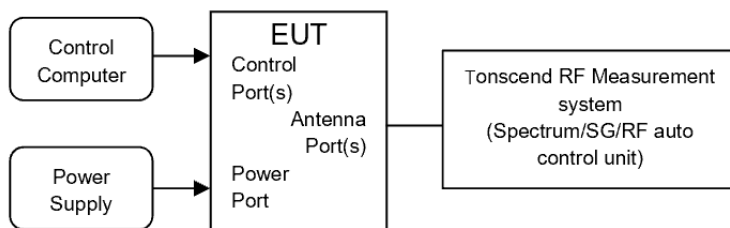
Test Item	Uncertainty
Bandwidth	1.1%
Peak Output Power (Conducted) (Spectrum analyzer)	0.86 dB ($10 \text{ MHz} \leq f < 3.6 \text{ GHz}$); 1.38 dB ($3.6 \text{ GHz} \leq f < 8 \text{ GHz}$)
Peak Output Power (Conducted) (Power Sensor)	0.74 dB
Power Spectral Density	0.74 dB ($10 \text{ MHz} \leq f < 3.6 \text{ GHz}$); 1.38 dB ($3.6 \text{ GHz} \leq f < 8 \text{ GHz}$)
Frequencies Stability	6.7×10^{-8} (Antenna couple method) 5.5×10^{-8} (Conducted method)
Conducted spurious emissions	0.86 dB ($10 \text{ MHz} \leq f < 3.6 \text{ GHz}$); 1.40 dB ($3.6 \text{ GHz} \leq f < 8 \text{ GHz}$) 1.66 dB ($8 \text{ GHz} \leq f < 26.5 \text{ GHz}$)
Uncertainty for radio frequency (RBW < 20 kHz)	3×10^{-8}
Temperature	0.4 °C
Humidity	2 %
Uncertainty for Radiation Emission test (9 kHz – 30 MHz)	3.44 dB
Uncertainty for Radiation Emission test (30 MHz - 1 GHz)	4.70 dB (Antenna Polarize: V) 4.84 dB (Antenna Polarize: H)
Uncertainty for Radiation Emission test (1 GHz - 40 GHz)	4.10 dB (1 - 6 GHz) 4.40 dB (6 GHz - 18 GHz) 3.54 dB (18 GHz - 26 GHz) 4.30 dB (26 GHz - 40 GHz)
Uncertainty for Power line conduction emission test	3.34dB (150KHz-30MHz) 3.72dB (9KHz-150KHz)
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

3. Equipment Used During Conductive Test

Equipment	Manufacturer	Model No.	Serial Number	Due Date
☒ RF Connected Test (RF Measurement System 3#)				
SIGNAL ANALYZER	R&S	FSV40	101407	2026/07/06
Wideband Radio Communication Tester	R&S	CMW500	117491	2026/03/28
EXG Analog Signal Generator	KEYSIGHT	N5173B	MY62153058	2026/07/06
MXG Vector Signal Generator	Agilent	N5182A	MY48180912	2026/03/28
RF Control Unit	Tonscend	JS0806-2	20C8060230	2026/03/28
TEMP&HUMI Programmable Chamber	ZHIXIANG	ZXGDJS-150L	ZX170110-A	2026/03/28
Test Software	Tonscend	JS1120-3	Ver.3.2.22	N/A

4. Duty Cycle

4.1. Block diagram of test setup



4.2. Limits

Just for Report and determining the average value of pulsed emissions.

4.3. Test procedure

(1) Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, The cable loss and attenuator loss have been put into spectrum analyzer as amplitude offset.

set the Spectrum Analyzer as below:

Centre Frequency: The centre frequency of the middle hopping channel.

Resolution BW: 3 MHz.

Video BW: 3 MHz.

Span: Zero span.

Detector: Peak.

Trace Mode: Max Hold.

Sweep: Video Trigger

Sweep time: 100 ms

(2) When the trace is complete, measure the sending time of 1 burst and the duty cycle of 1 burst cycle.

(3) Calculate dwell time follow below formula:

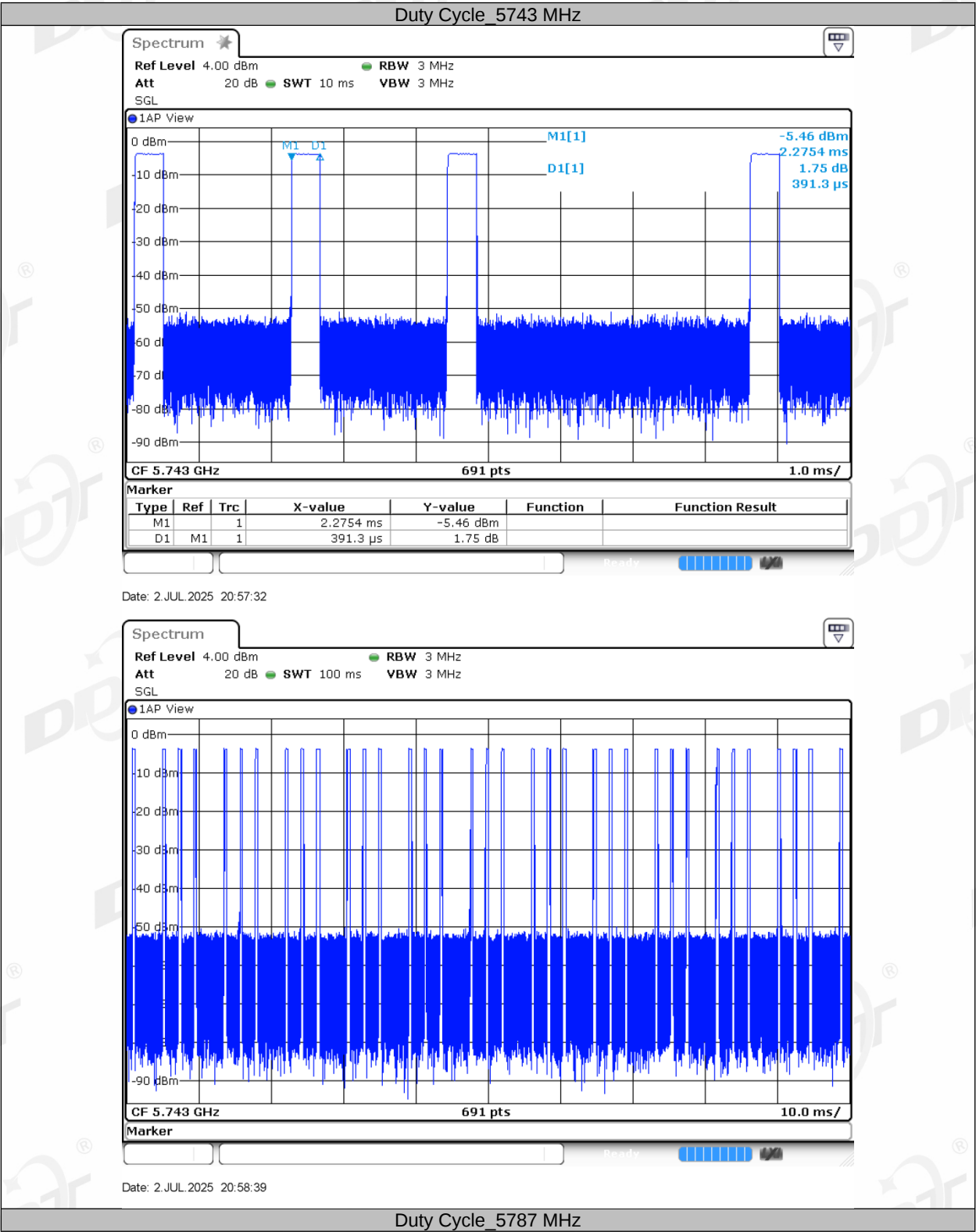
Duty cycle= Pulse's on time / Burst cycle

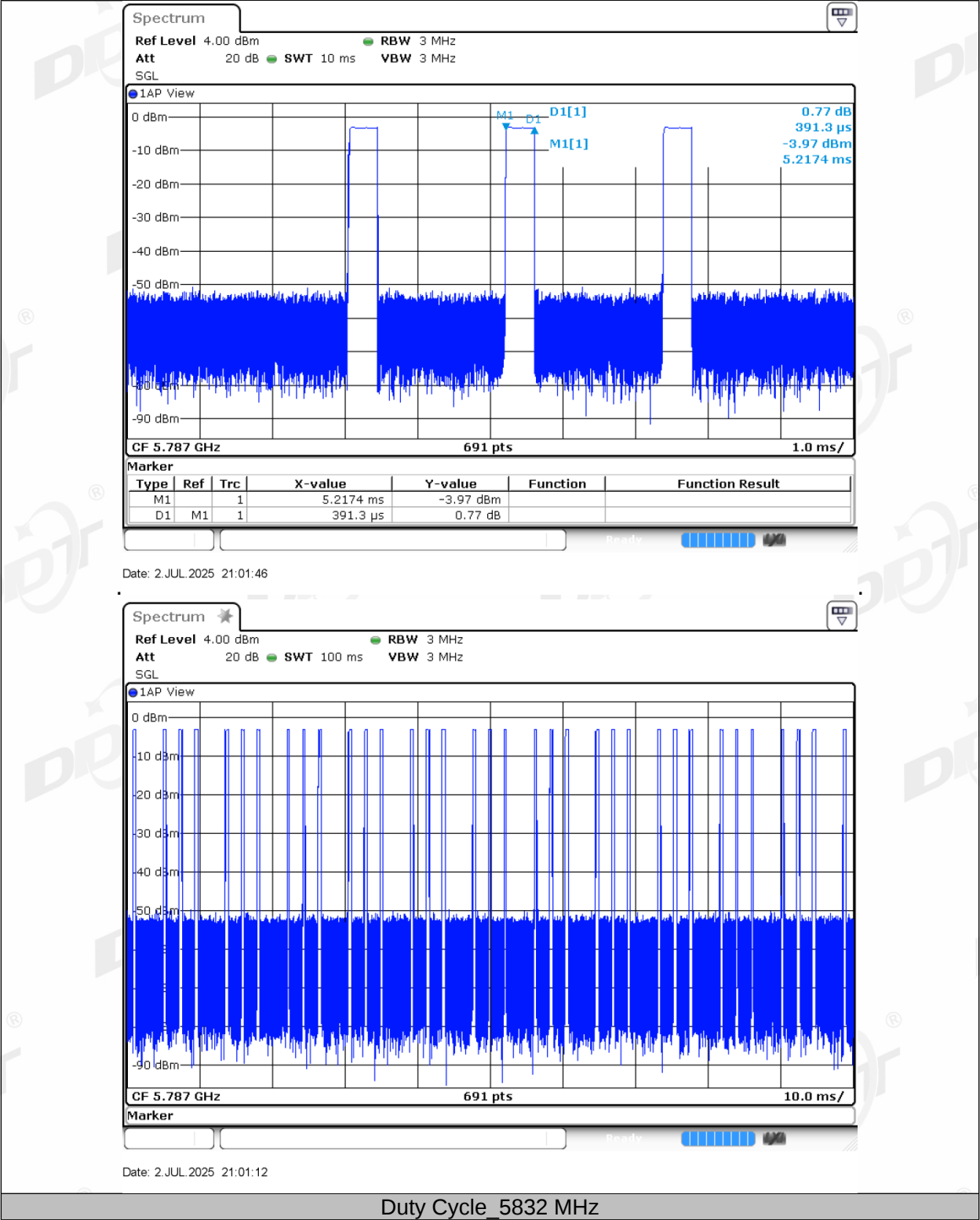
4.4. Test result

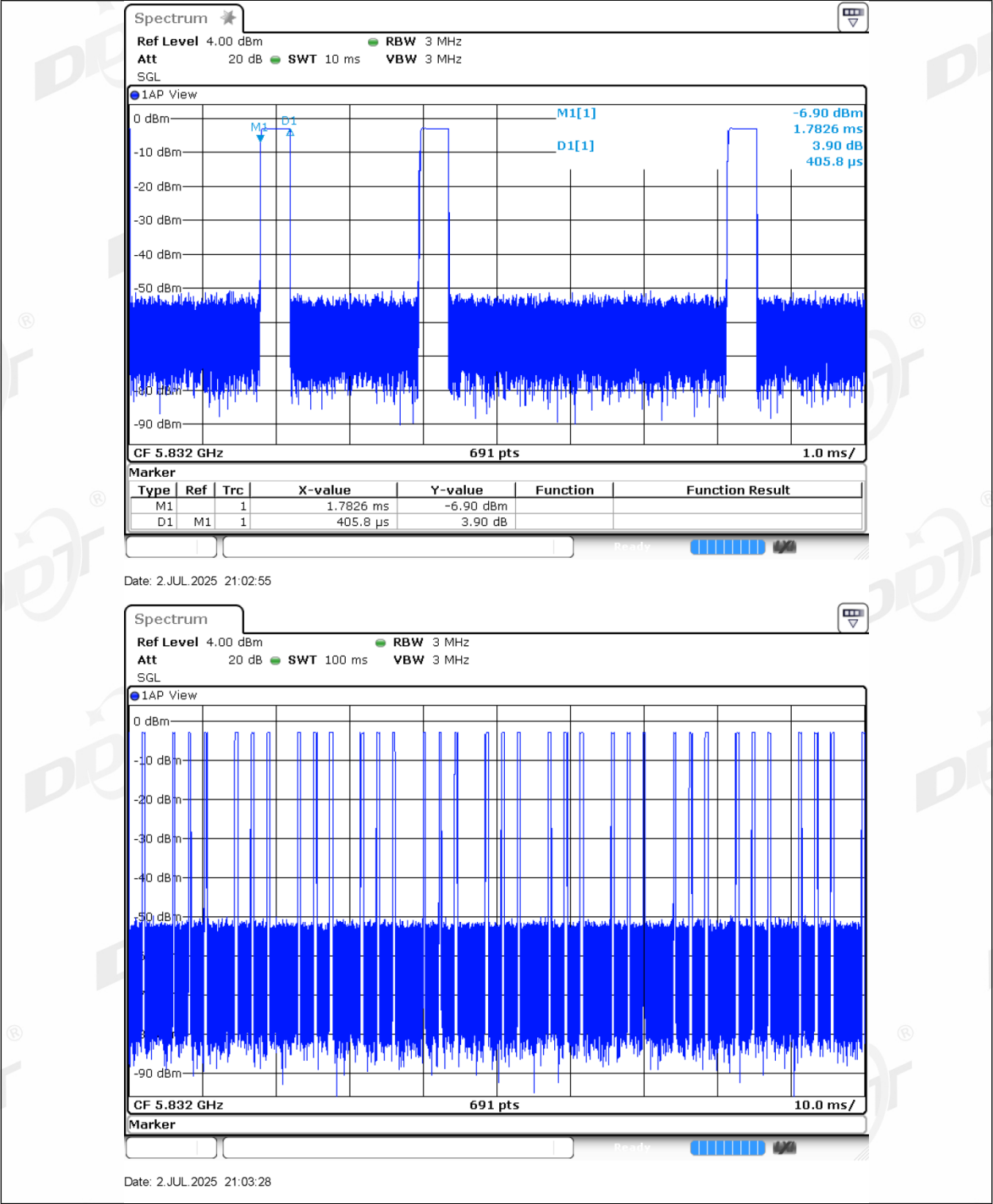
Test Engineer:	Zeng Zhongyao	Test Site:	RF Measurement System 3#
Ambient Condition:	23.5 °C, 55%RH	Test Date:	2025/6/20 - 2025/8/22
Test Power Supply:	AC 230V	Sample Number:	S25061732-009

Mode	Freq (MHz)	Antenna	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor [dB]
FSK	5743	Ant1	13.65	100	13.65	-17.30
	5787	Ant1	13.65	100	13.65	-17.30
	5832	Ant1	14.35	100	14.35	-16.86

4.5. Test graphs

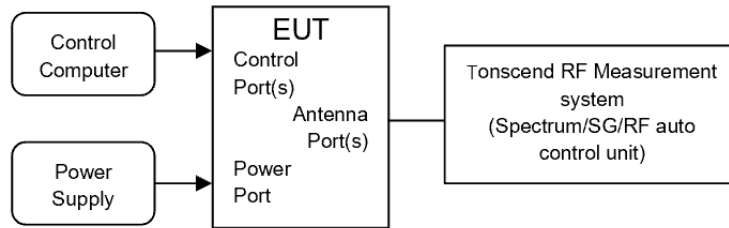






5. 20 dB Bandwidth and 99% Bandwidth

5.1. Block diagram of test setup



5.2. Limits

Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §15.217 through 15.257 and in subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated. In the case of intentional radiators operating under the provisions of subpart E, the emission bandwidth may span across multiple contiguous frequency bands identified in that subpart. The requirement to contain the designated bandwidth of the emission within the specified frequency band includes the effects from frequency sweeping, frequency hopping and other modulation techniques that may be employed as well as the frequency stability of the transmitter over expected variations in temperature and supply voltage. If a frequency stability is not specified in the regulations, it is recommended that the fundamental emission be kept within at least the central 80% of the permitted band in order to minimize the possibility of out-of-band operation.

5.3. Test procedure

(1) Connect EUT's antenna output to spectrum analyzer by RF cable.

(2) Set the spectrum analyzer as follows:

RBW:	1% to 5% of the OBW
VBW:	approximately three times RBW
Detector Mode:	Peak
Sweep time:	auto
Trace mode	Max hold

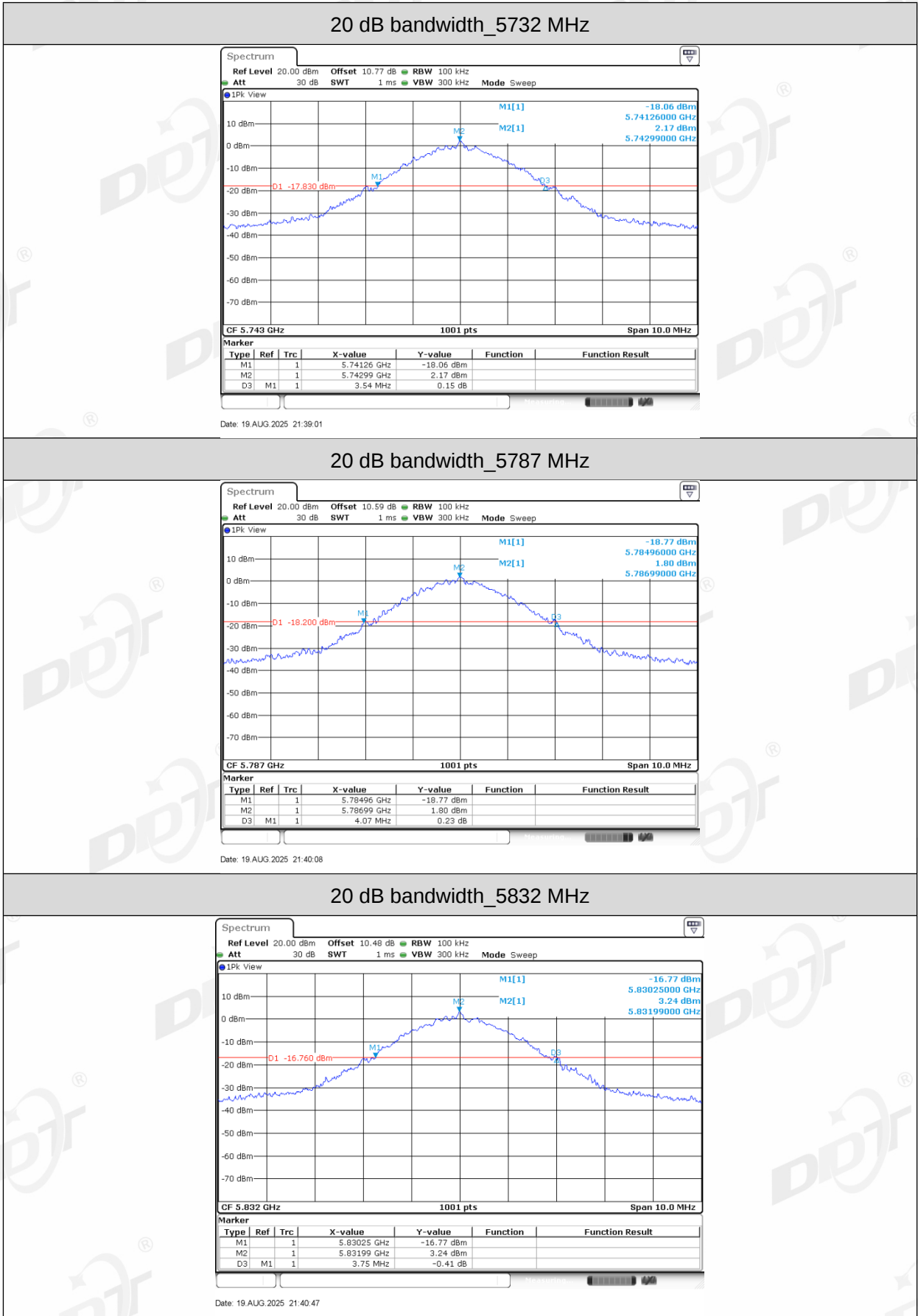
(3) Allow the trace to stabilize, measure the 20 dB bandwidth of signal.

5.4. Test result

Test Engineer:	Zeng Zhongyao	Test Site:	RF Measurement System 3#
Ambient Condition:	23.5 °C, 55%RH	Test Date:	2025/6/20 - 2025/8/22
Test Power Supply:	AC 230V	Sample Number:	S25061732-009

Mode	Freq (MHz)	20 dB bandwidth Result (MHz)	99% Bandwidth Result (MHz)	Verdict
FSK	5743	3.54	3.4865	Pass
	5787	4.07	3.4765	Pass
	5832	3.75	3.5265	Pass

5.5. Test graphs





6. Antenna Requirements

6.1. Limit

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

6.2. Result

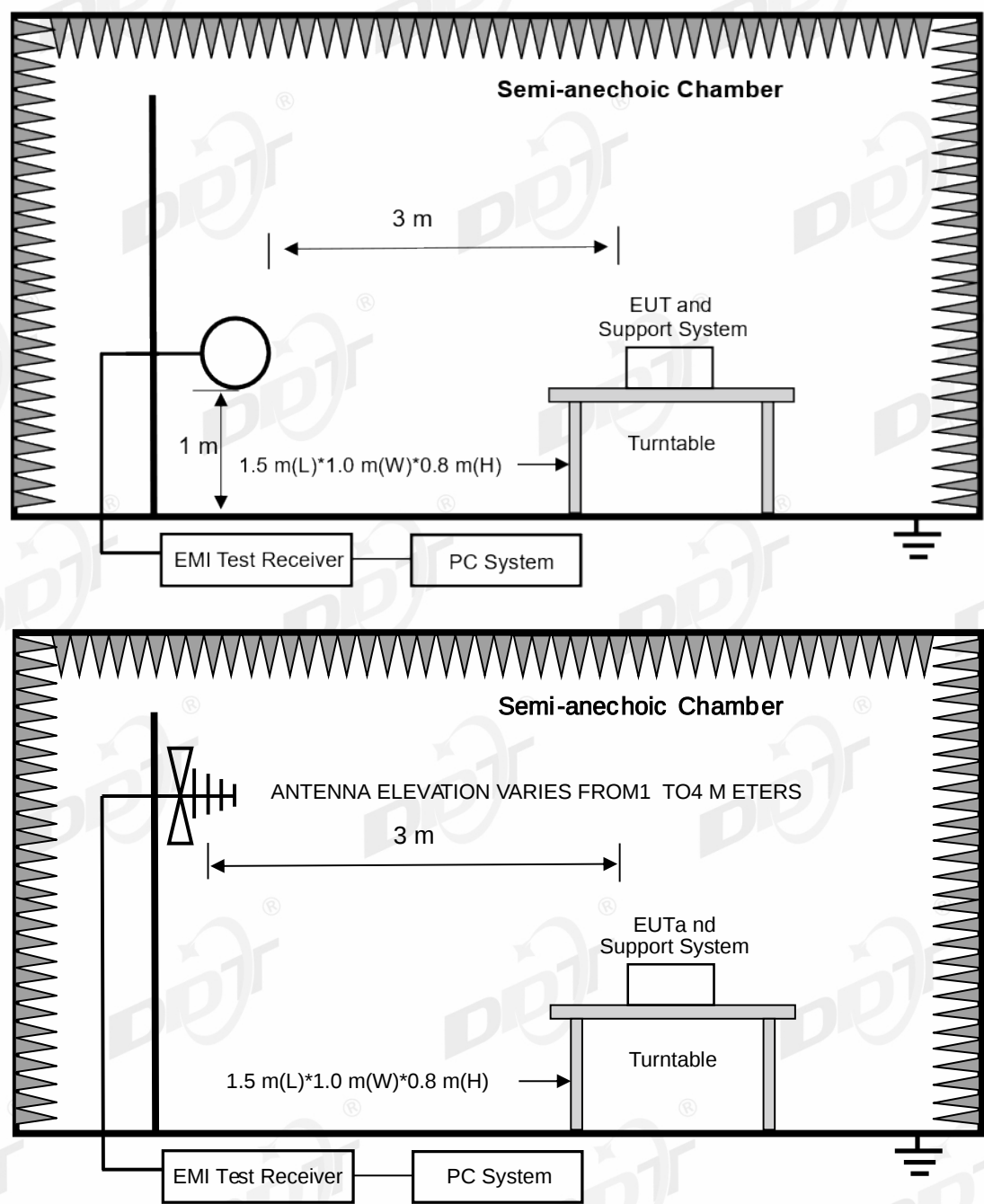
The antenna used for this product as Antenna information described in section 2.1 of the report, and there is no other antenna than that furnished by the responsible party shall be used with the device.

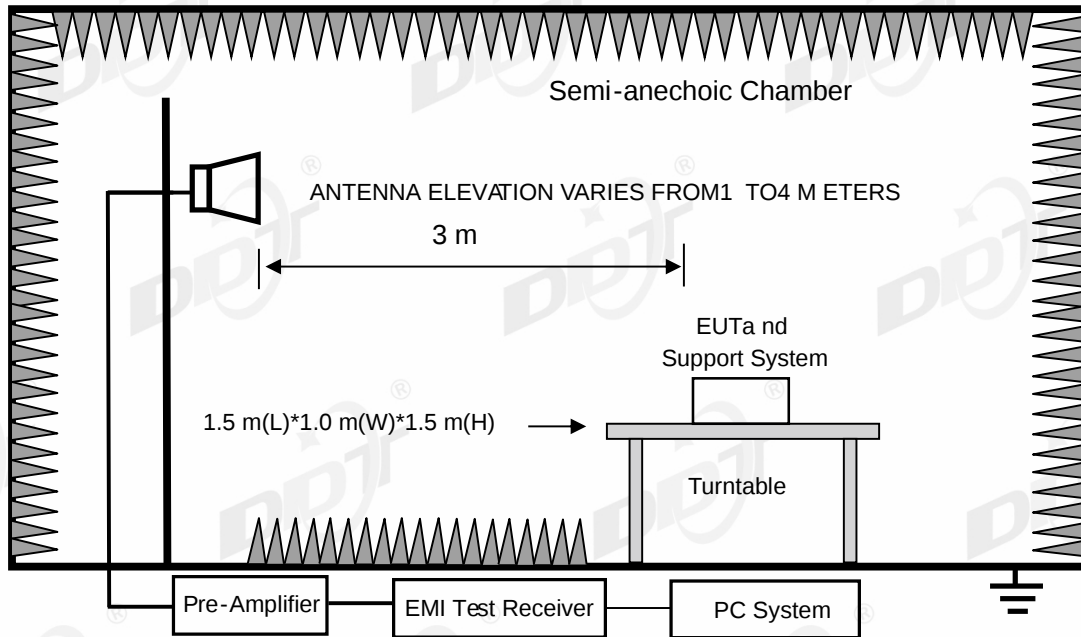
7. Radiated Emission

7.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2026/03/28
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2026/03/28
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	2026/03/28
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2026/03/28
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2026/03/28
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2026/03/28
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2026/08/10
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2026/03/28
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2026/03/28
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2026/03/28
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2026/03/28
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2026/04/01
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2026/07/25
Hochgewinn-Hornantenne	SCHWARZBECK	BBHA 9120 D	DDT-ZC02129	2025/09/18
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2025/09/11
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2026/03/28

7.2. Block diagram of test setup





7.3. Limits

(1) FCC 15.205 Restricted frequency band

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
10.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.1772&4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.2072&4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.6
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(²)
13.36-13.41			

RSS-Gen section 8.10 Restricted frequency bands*

MHz	MHz	MHz	GHz
0.090-0.110	12.51975-12.52025	240-285	3.5-4.4
0.495-0.505	12.57675-12.57725	322-335.4	4.5-5.15
2.1735-2.1905	13.36-13.41	399.9-410	5.35-5.46
3.020-3.026	16.42-16.423	608-614	7.25-7.75
4.125-4.128	16.69475-16.69525	960-1427	8.025-8.5
4.1772&4.17775	16.80425-16.80475	1435-1626.5	9.0-9.2
4.2072&4.20775	25.5-25.67	1645.5-1646.5	9.3-9.5
5.677-5.683	37.5-38.25	1660-1710	10.6-12.7
6.215-6.218	73-74.6	1718.8-1722.2	13.25-13.4
6.26775-6.26825	74.8-75.2	2200-2300	14.47-14.5
6.31175-6.31225	108-138	2310-2390	15.35-16.2
8.291-8.294	149.9-150.05	2483.5-2500	17.7-21.4
8.362-8.366	156.52475-156.52525	2655-2900	22.01-23.12
8.37625-8.38675	156.7-156.9	3260-3267	23.6-24.0
8.41425-8.41475	162.0125-167.17	3332-3339	31.2-31.8
12.29-12.293	167.72-173.2	3345.8-3358	36.43-36.5
			Above 38.6

* Certain frequency bands listed in table and in bands above 38.6 GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to related devices are set out in the 200 and 300 series of RSSs.

(2) FCC 15.209 Limit.

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		uV/m	dBuV/m
0.009 ~ 0.490	300	2400/F(kHz)	67.6-20log(F)
0.490 ~ 1.705	30	24000/F(kHz)	87.6-20log(F)
1.705 ~ 30.0	30	30	29.54
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
960 ~ 1000	3	500	54.0
Above 1000	3	74.0 dBuV/m (Peak) 54.0 dBuV/m (Average)	

Note:

(1) The emission limits shown in the above table are based on measurements employing a CISPR QP detector except for the frequency bands 9-90kHz, 110-490kHz

and above 1000MHz. Radiated emissions limits in these three bands are based on measurements employing an average detector.

(2) At frequencies below 30MHz, measurement may be performed at a distance closer than that specified, and the limit at closer measurement distance can be extrapolated by below formula:

$$\text{Limit}_{3m}(\text{dBuV/m}) = \text{Limit}_{300m}(\text{dBuV/m}) + 40\text{Log}(300m/3m) = \text{Limit}_{300m}(\text{dBuV/m}) + 80$$

$$\text{Limit}_{3m}(\text{dBuV/m}) = \text{Limit}_{30m}(\text{dBuV/m}) + 40\text{Log}(30m/3m) = \text{Limit}_{30m}(\text{dBuV/m}) + 40$$

(3) Limit for this EUT

All the emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions include fundamental emission shall not exceed FCC 15.249 limit of comply with FCC 15.209 limit which permit higher emission level.

7.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

7.5. Test procedure

(1) EUT was placed on a non-metallic table, 80 cm above the ground plane inside a semi-anechoic chamber.

(2) Test antenna was located 3m from the EUT on an adjustable mast, and the antenna used as below table.

Test frequency range	Test antenna used	Test antenna distance
30MHz-1GHz	Trilog Broadband Antenna	3m

The Trilog Broadband Antenna or Horn Antenna was located 3m from EUT, Measurements were made with the antenna positioned in both the horizontal and vertical planes of Polarization, and the measurement antenna was varied from 1 m to 4 m. in height above the reference ground plane to obtain the maximum signal strength.

(3) Below pre-scan procedure was first performed in order to find prominent frequency spectrum radiated emissions:

(a) Scanning the peak frequency spectrum with the antenna specified in step (3), and the EUT was rotated 360 degree, the antenna height was varied from 1m to 4m(Except loop antenna, it's fixed 1m above ground.)

(b) Change work frequency or channel of device if practicable.

- (c) Change modulation type of device if practicable.
- (d) Change power supply range from 85% to 115% of the rated supply voltage
- (e) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement produces highest emissions.
- (4) For final emissions measurements at each frequency of interest, the EUT was rotated and the antenna height was varied between 1m and 4m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.10 2013 on Radiated Emission test.
- (5) The emissions from 9kHz to 1GHz were measured based on CISPR QP detector except for the frequency bands 9-90kHz, 110-490kHz, for emissions from 9kHz-90kHz,110kHz-490kHz and above 1GHz were measured based on average detector, for emissions above 1GHz, peak emissions also be measured and need comply with Peak limit.
- (6) The emissions from 9kHz to 1GHz, QP or average values were measured with EMI receiver with below RBW.

Frequency band	RBW
30MHz-1GHz	120kHz

- (7) X axis, Y axis, Z axis are tested, and worse setup X axis is reported

7.6. Test result

PASS. (See below detailed test result)

7.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-08-17

Tested By:

Lin Guoyuan

EUT:

JBL Bar 2.1 Deep Bass with wireless subwoofer

Model Number:

Bar 2.1 Deep Bass CNTR

Test Mode:

TX SRD Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.2°C;Humi:45.2%

Test Site:

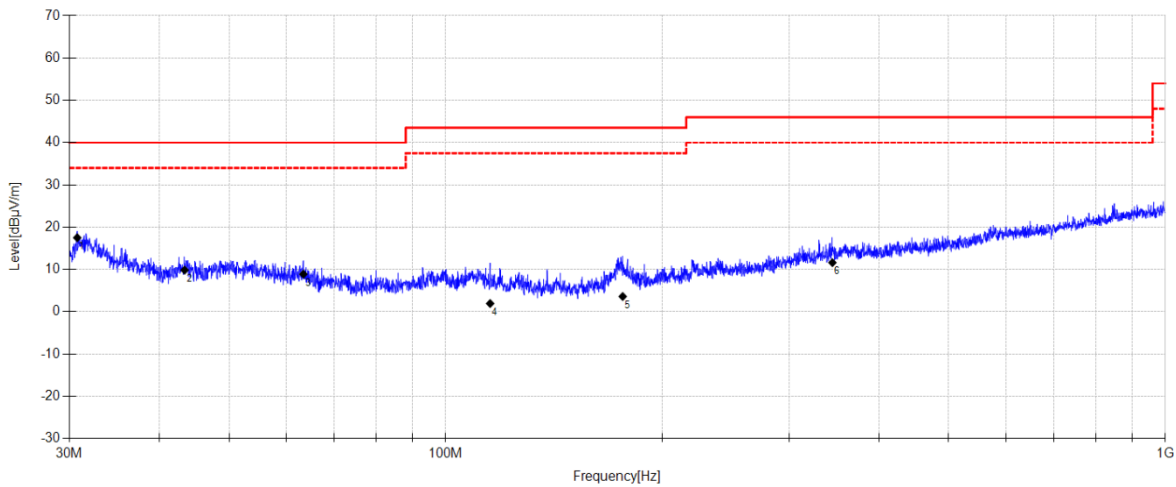
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061732-1E\FCC Below 1G\20250817-195826_H

Memo:

Sample Numbel:S25061732-009



Final Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	30.767	35.72	10.35	3.73	17.50	40.00	22.50	QP	Horizontal
2	43.381	24.72	13.59	3.83	9.84	40.00	30.16	QP	Horizontal
3	63.437	24.91	12.31	3.97	8.89	40.00	31.11	QP	Horizontal
4	115.290	19.42	10.61	4.23	1.94	43.50	41.56	QP	Horizontal
5	176.206	21.88	9.70	4.40	3.60	43.50	39.90	QP	Horizontal
6	344.701	23.95	14.76	5.33	11.60	46.00	34.40	QP	Horizontal

Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-08-17

Tested By:

Lin Guoyuan

EUT:

JBL Bar 2.1 Deep Bass with wireless subwoofer

Model Number:

Bar 2.1 Deep Bass CNTR

Test Mode:

TX SRD Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:24.2°C;Humi:45.2%

Test Site:

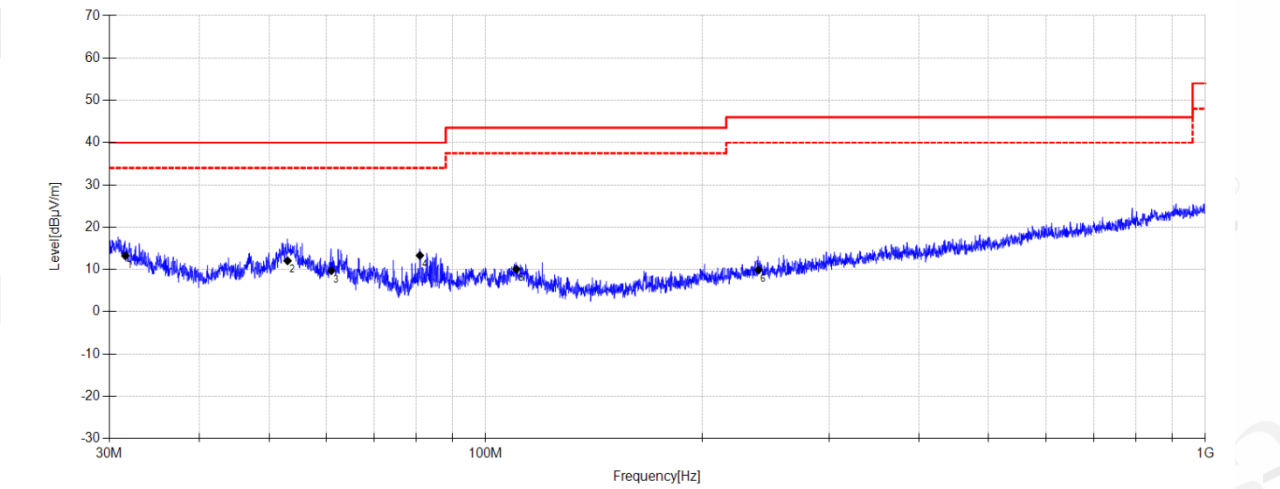
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061732-1E\FCC Below 1G\20250817-195859_V

Memo:

Sample Numbler:S25061732-009



Final Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	31.576	31.14	10.65	3.73	13.22	40.00	26.78	QP	Vertical
2	53.051	27.23	13.21	3.90	12.04	40.00	27.96	QP	Vertical
3	61.037	25.63	12.41	3.96	9.70	40.00	30.30	QP	Vertical
4	81.025	32.53	9.00	4.07	13.30	40.00	26.70	QP	Vertical
5	110.385	26.26	11.90	4.22	10.07	43.50	33.43	QP	Vertical
6	239.384	25.16	12.38	4.73	9.87	46.00	36.13	QP	Vertical

Note:

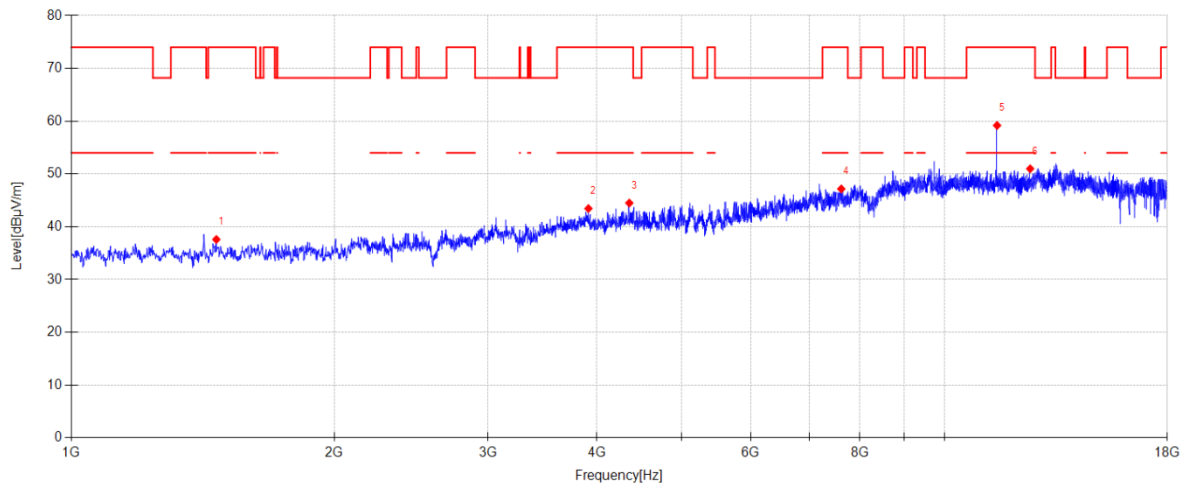
1. Result Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-07-16 **Tested By:** Nan Zhong
EUT: JBL Bar 2.1 Deep Bass with wireless subwoofer **Model Number:** Bar 2.1 Deep Bass CNTR
Test Mode: TX SRD 5743MHz Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:24.2°C;Humi:45.2% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25061732-1E\0706 FCC ABOVE1G SRD\4
Memo: Sample Numbel:S25061732-009



Suspected Data List

NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1465.800	46.32	25.36	3.32	-37.41	37.59	74.00	36.41	PK	Horizontal
2	3910.400	46.65	31.18	5.28	-39.66	43.45	74.00	30.55	PK	Horizontal
3	4355.800	46.80	31.61	5.73	-39.65	44.49	74.00	29.51	PK	Horizontal
4	7618.100	43.44	36.54	7.63	-40.44	47.17	74.00	26.83	PK	Horizontal
5	11487.300	50.76	39.21	8.71	-39.49	59.19	74.00	14.81	PK	Horizontal
6	12536.200	42.21	39.40	9.27	-39.89	50.99	74.00	23.01	PK	Horizontal
7	11487.300	/	/	/	/	41.89	54.00	12.11	AV	Horizontal

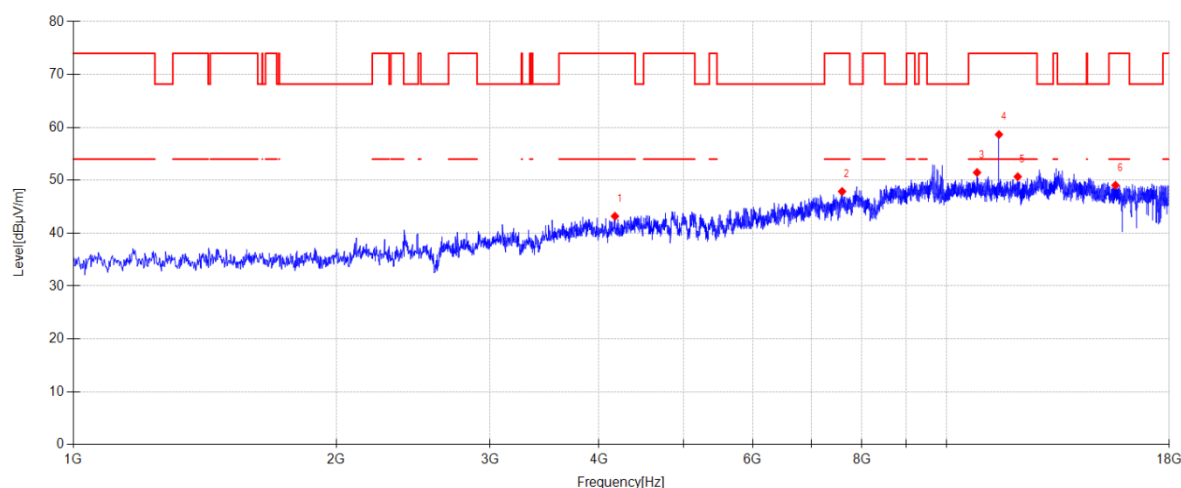
Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. AV Level = PK Level + Duty Cycle Factor

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-07-16
EUT: JBL Bar 2.1 Deep Bass with wireless subwoofer
Test Mode: TX SRD 5743MHz Mode
Condition: Temp:24.2°C;Humi:45.2%
File Path: d:\ts\2025 report date\Q25061732-1E\0706 FCC ABOVE1G SRD\5
Memo: Sample Numbler:S25061732-009

Tested By: Nan Zhong
Model Number: Bar 2.1 Deep Bass CNTR
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber



Suspected Data List

NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4172.200	46.16	31.20	5.51	-39.67	43.20	74.00	30.80	PK	Vertical
2	7594.300	44.26	36.49	7.61	-40.47	47.89	74.00	26.11	PK	Vertical
3	10841.300	42.84	39.36	8.37	-39.10	51.47	74.00	22.53	PK	Vertical
4	11485.600	50.23	39.21	8.71	-39.49	58.66	74.00	15.34	PK	Vertical
5	12068.700	42.35	39.27	9.05	-39.99	50.68	74.00	23.32	PK	Vertical
6	15616.600	39.81	38.58	10.07	-39.40	49.06	74.00	24.94	PK	Vertical
7	11485.600	/	/	/	/	41.36	54.00	12.64	AV	Vertical

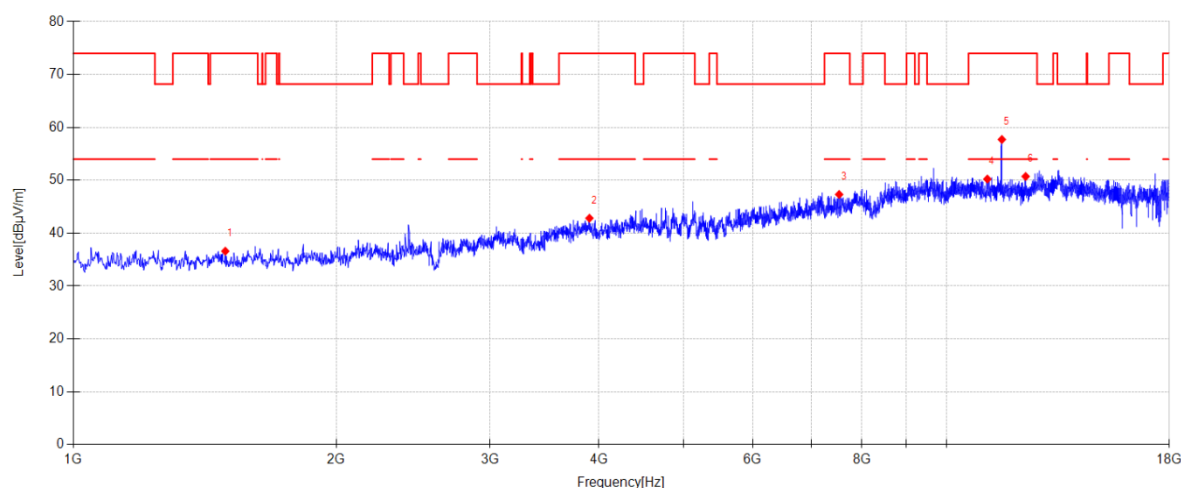
Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. AV Level = PK Level + Duty Cycle Factor

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-07-16
EUT: JBL Bar 2.1 Deep Bass with wireless subwoofer
Test Mode: TX SRD 5787MHz Mode
Condition: Temp:24.2°C;Humi:45.2%
File Path: d:\ts\2025 report date\Q25061732-1E\0706 FCC ABOVE1G SRD\6
Memo: Sample Numbler:S25061732-009

Tested By: Nan Zhong
Model Number: Bar 2.1 Deep Bass CNTR
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

**Suspected Data List**

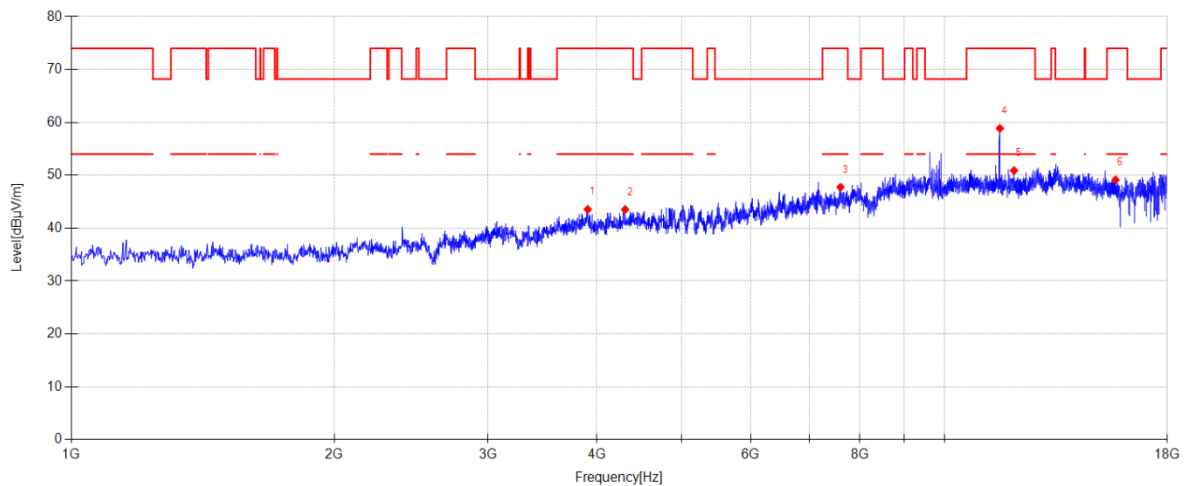
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1493.000	45.22	25.47	3.35	-37.45	36.59	74.00	37.41	PK	Horizontal
2	3900.200	46.01	31.20	5.28	-39.66	42.83	74.00	31.17	PK	Horizontal
3	7534.800	43.84	36.43	7.57	-40.52	47.32	74.00	26.68	PK	Horizontal
4	11138.800	41.61	39.26	8.50	-39.14	50.23	74.00	23.77	PK	Horizontal
5	11574.000	49.48	39.05	8.76	-39.57	57.72	74.00	16.28	PK	Horizontal
6	12322.000	42.20	39.30	9.17	-39.94	50.73	74.00	23.27	PK	Horizontal
7	11574.000	/	/	/	/	40.42	54.00	13.58	AV	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. AV Level = PK Level + Duty Cycle Factor

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-07-16 **Tested By:** Nan Zhong
EUT: JBL Bar 2.1 Deep Bass with wireless subwoofer **Model Number:** Bar 2.1 Deep Bass CNTR
Test Mode: TX SRD 5787MHz Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:24.2°C;Humi:45.2% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25061732-1E\0706 FCC ABOVE1G SRD\7
Memo: Sample Numbler:S25061732-009

**Suspected Data List**

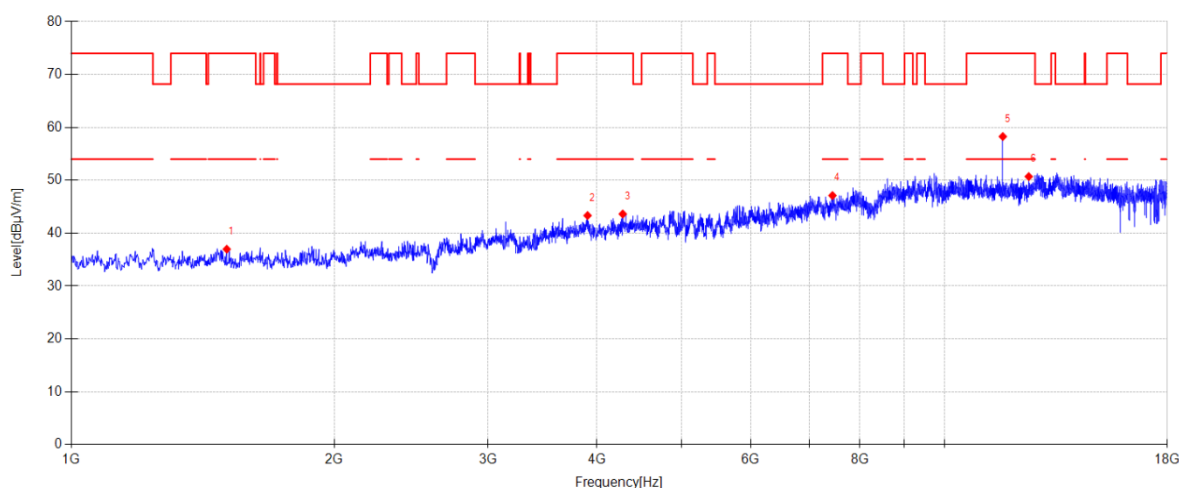
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3903.600	46.74	31.19	5.28	-39.66	43.55	74.00	30.45	PK	Vertical
2	4308.200	45.91	31.60	5.68	-39.66	43.53	74.00	30.47	PK	Vertical
3	7602.800	44.08	36.51	7.62	-40.46	47.75	74.00	26.25	PK	Vertical
4	11574.000	50.64	39.05	8.76	-39.57	58.88	74.00	15.12	PK	Vertical
5	12012.600	42.66	39.21	9.03	-40.00	50.90	74.00	23.10	PK	Vertical
6	15703.300	39.94	38.49	10.11	-39.40	49.14	74.00	24.86	PK	Vertical
7	11574.000	/	/	/	/	41.58	54.00	12.42	AV	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. AV Level = PK Level + Duty Cycle Factor

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-07-16 **Tested By:** Nan Zhong
EUT: JBL Bar 2.1 Deep Bass with wireless subwoofer **Model Number:** Bar 2.1 Deep Bass CNTR
Test Mode: TX SRD 5832MHz Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:24.2°C;Humi:45.2% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25061732-1E\0706 FCC ABOVE1G SRD\8
Memo: Sample Numbler:S25061732-009

**Suspected Data List**

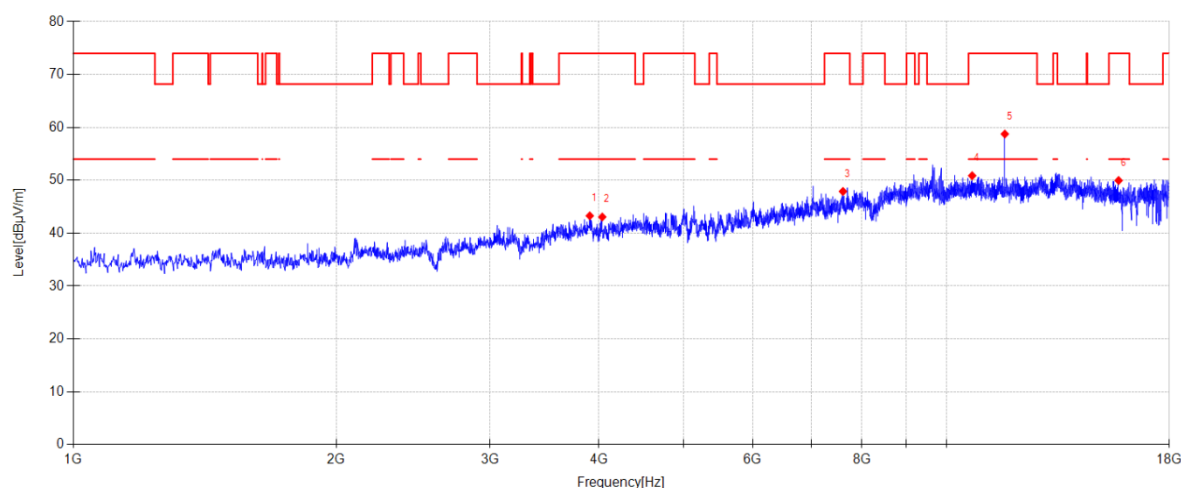
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1506.600	45.67	25.41	3.36	-37.47	36.97	74.00	37.03	PK	Horizontal
2	3901.900	46.51	31.20	5.28	-39.66	43.33	74.00	30.67	PK	Horizontal
3	4281.000	46.12	31.52	5.64	-39.66	43.62	74.00	30.38	PK	Horizontal
4	7443.000	43.60	36.61	7.51	-40.60	47.12	74.00	26.88	PK	Horizontal
5	11664.100	50.12	39.00	8.82	-39.66	58.28	74.00	15.72	PK	Horizontal
6	12490.300	41.96	39.39	9.25	-39.90	50.70	74.00	23.30	PK	Horizontal
7	11664.100	/	/	/	/	41.42	54.00	12.58	AV	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. AV Level = PK Level + Duty Cycle Factor

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-07-16 **Tested By:** Nan Zhong
EUT: JBL Bar 2.1 Deep Bass with wireless subwoofer **Model Number:** Bar 2.1 Deep Bass CNTR
Test Mode: TX SRD 5832MHz Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:24.2°C;Humi:45.2% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25061732-1E\0706 FCC ABOVE1G SRD\9
Memo: Sample Numbler:S25061732-009

**Suspected Data List**

NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3903.600	46.47	31.19	5.28	-39.66	43.28	74.00	30.72	PK	Vertical
2	4034.500	46.42	30.97	5.35	-39.68	43.06	74.00	30.94	PK	Vertical
3	7611.300	44.21	36.52	7.62	-40.45	47.90	74.00	26.10	PK	Vertical
4	10701.900	42.33	39.40	8.32	-39.18	50.87	74.00	23.13	PK	Vertical
5	11664.100	50.59	39.00	8.82	-39.66	58.75	74.00	15.25	PK	Vertical
6	15747.500	40.82	38.41	10.13	-39.40	49.96	74.00	24.04	PK	Vertical
7	11664.100	/	/	/	/	41.89	54.00	12.11	AV	Vertical

Note:

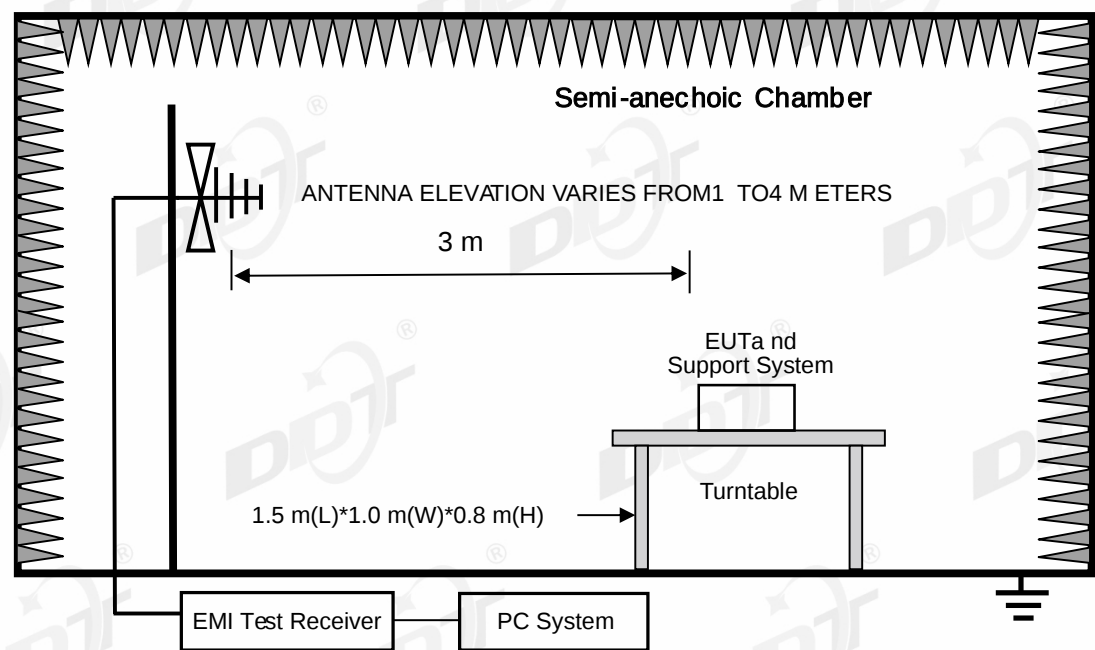
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. AV Level = PK Level + Duty Cycle Factor

8. Field Strength Of The Fundamental Signal

8.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2026/03/28
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2026/03/28
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	2026/03/28
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2026/03/28
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2026/03/28
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2026/03/28
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2026/08/10
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2026/03/28
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2026/03/28
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2026/03/28
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2026/03/28
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2026/04/01
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2026/07/25
Hochgewinn-Hornantenne	SCHWARZBECK	BBHA 9120 D	DDT-ZC02129	2025/09/18
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2025/09/11
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2026/03/28

8.2. Block diagram of test setup



8.3. Limits

(3) FCC 15.249 limit

Fundamental Frequency (MHz)	Field Strength of Fundamental
5725-5875	AV: 94 dBuV/m @3m PK: 114 dBuV/m @3m

8.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

8.5. Test procedure

- EUT was placed on a non-metallic table, 80 cm above the ground plane inside a semi-anechoic chamber.
- Test antenna was located 3m from the EUT on an adjustable mast, and the antenna used as below table.

Test frequency range	Test antenna used	Test antenna distance
30MHz-1GHz	Trilog Broadband Antenna	3m

The Trilog Broadband Antenna or Horn Antenna was located 3m from EUT, Measurements were made with the antenna positioned in both the horizontal and vertical planes of Polarization, and the measurement antenna was varied from 1 m to 4 m. in height above the reference ground plane to obtain the maximum signal strength.

(3) Below pre-scan procedure was first performed in order to find prominent frequency spectrum radiated emissions:

(a) Scanning the peak frequency spectrum with the antenna specified in step (3), and the EUT was rotated 360 degree, the antenna height was varied from 1m to 4m(Except loop antenna, it's fixed 1m above ground.)

(b) Change work frequency or channel of device if practicable.

(c) Change modulation type of device if practicable.

(d) Change power supply range from 85% to 115% of the rated supply voltage

(e) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement produces highest emissions.

(4) For final emissions measurements at each frequency of interest, the EUT was rotated and the antenna height was varied between 1m and 4m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.10 2013 on Radiated Emission test.

(5) The emissions from 9kHz to 1GHz were measured based on CISPR QP detector except for the frequency bands 9-90kHz, 110-490kHz, for emissions from 9kHz-90kHz,110kHz-490kHz and above 1GHz were measured based on average detector, for emissions above 1GHz, peak emissions also be measured and need comply with Peak limit.

(6) The emissions from 9kHz to 1GHz, QP or average values were measured with EMI receiver with below RBW.

Frequency band	RBW
30MHz-1GHz	120kHz

(7) X axis, Y axis, Z axis are tested, and worse setup X axis is reported.

8.6. Test result

Frequency (MHz)	PK Level (dBuV/m)	PK Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5743	103.36	114.00	-10.64	Horizontal
5743	101.17	114.00	-12.83	Vertical
5787	103.88	114.00	-10.12	Horizontal
5787	100.54	114.00	-13.46	Vertical
5832	103.13	114.00	-10.87	Horizontal
5832	99.78	114.00	-14.22	Vertical

Frequency (MHz)	AV Level (dBuV/m)	AV Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5743	86.06	94.00	-7.94	Horizontal
5743	83.87	94.00	-10.13	Vertical
5787	86.58	94.00	-7.42	Horizontal
5787	83.24	94.00	-10.76	Vertical
5832	86.27	94.00	-7.73	Horizontal
5832	82.92	94.00	-11.08	Vertical

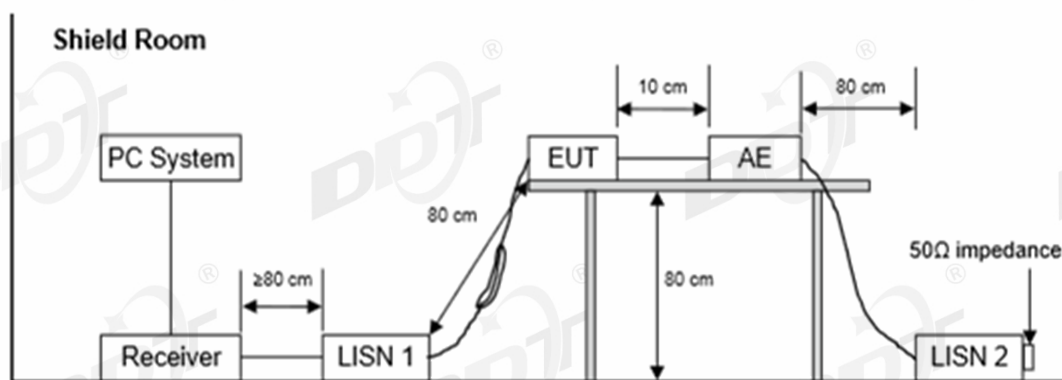
Note: AV Level = PK Level + Duty Cycle Factor

9. Power Line Conducted Emissions

9.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
EMI Test Receiver	R&S	ESCI 3	DDT-ZC01972	2026/03/28
Two Line V-Network	R&S	ENV216	DDT-ZC00586	2026/07/06
Pulse Limiter	R&S	KH43101	DDT-ZC00747	2026/03/28
Coaxial signal signal cable	H&S	RG214-5	DDT-ZC01817	2026/03/28
Conducted Radiated Software	Audix	E3	DDT-ZC00562	/
Two Line V-Network	R&S	ENV216	DDT-ZC02058	2026/07/06

9.2. Block diagram of test setup



9.3. Limits

Frequency	Quasi-Peak Level dB(μV)	Average Level dB(μV)
150 kHz~500 kHz	66 ~ 56*	56 ~ 46*
500 kHz~5 MHz	56	46
5 MHz~30 MHz	60	50

Note 1: * Decreasing linearly with logarithm of frequency.

Note 2: The lower limit shall apply at the transition frequencies.

9.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

9.5. Test procedure

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80cm above the ground plane.

All support equipment power received from a second LISN.

Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30 MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

The test mode(s) described in clause 2.4 were scanned during the preliminary test.

After the preliminary scan, we found the test mode producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions.

Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

The bandwidth of test receiver is set at 9 kHz.

9.6. Test result

PASS. (See below detailed test result)

Note1: All emissions not reported below are too low against the prescribed limits.

Note2: “----” means Peak detection; “-----” means Average detection.

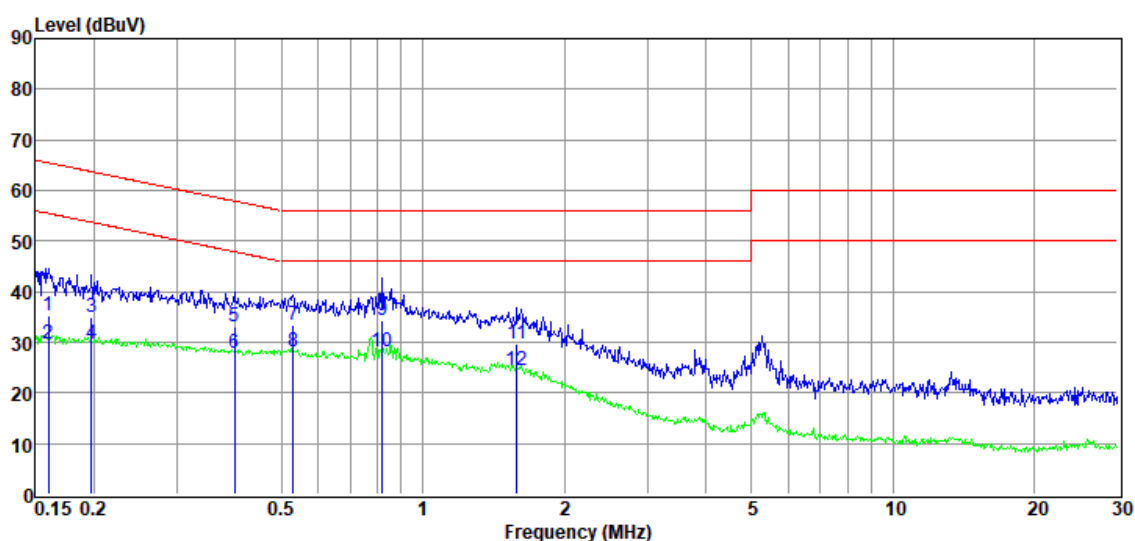
Note3: Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/50Hz, recorded the worst case.

9.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 5# Shield Room D:\2025 report data\Q25061732-2E\0818 CE.EM6
Test Date : 2025-08-18 Tested By : Alex Liu
EUT : JBL Bar 2.1 Deep Bass with wireless subwoofer Model Number : Bar 2.1 Deep Bass CNTR
Power Supply : AC 120V/60Hz Test Mode : SRD mode
Condition : Temp:22.1°C,Humi:57.5% LISN : 2023 ENV216 2#/LINE
Memo :

Data: 6



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.16	15.08	9.95	0.09	10.15	35.27	65.47	-30.20	QP	LINE
2	0.16	9.54	9.95	0.09	10.15	29.73	55.47	-25.74	Average	LINE
3	0.20	14.89	9.92	0.09	10.15	35.05	63.71	-28.66	QP	LINE
4	0.20	9.58	9.92	0.09	10.15	29.74	53.71	-23.97	Average	LINE
5	0.40	13.00	10.00	0.10	10.08	33.18	57.90	-24.72	QP	LINE
6	0.40	7.57	10.00	0.10	10.08	27.75	47.90	-20.15	Average	LINE
7	0.53	13.29	9.97	0.10	10.04	33.40	56.00	-22.60	QP	LINE
8	0.53	7.98	9.97	0.10	10.04	28.09	46.00	-17.91	Average	LINE
9	0.82	14.47	9.97	0.10	9.93	34.47	56.00	-21.53	QP	LINE
10	0.82	8.25	9.97	0.10	9.93	28.25	46.00	-17.75	Average	LINE
11	1.59	9.85	9.99	0.13	9.78	29.75	56.00	-26.25	QP	LINE
12	1.59	4.41	9.99	0.13	9.78	24.31	46.00	-21.69	Average	LINE

- Note: 1. Result Level = Read Level + LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 5# Shield Room

D:\2025 report data\Q25061732-2E\0818 CE.EM6

Test Date : 2025-08-18

Tested By : Alex Liu

EUT : JBL Bar 2.1 Deep Bass with wireless subwoofer

Model Number : Bar 2.1 Deep Bass CNTR

Power Supply : AC 120V/60Hz

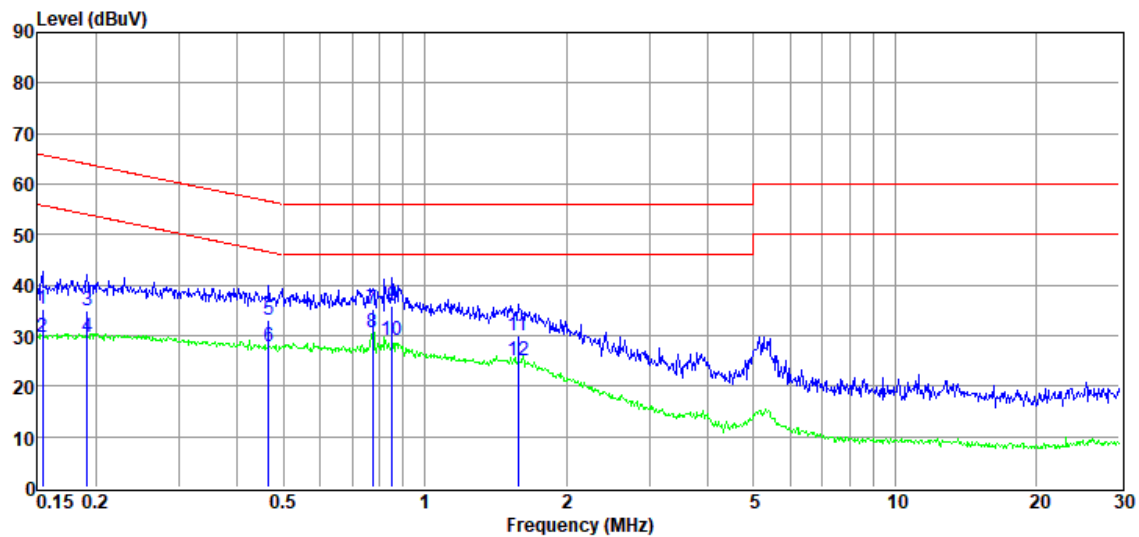
Test Mode : SRD mode

Condition : Temp:22.1°C,Humi:57.5%

LISN : 2023 ENV216 2#/NEUTRAL

Memo :

Data: 8



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.15	15.13	9.93	0.09	10.15	35.30	65.78	-30.48	QP	NEUTRAL
2	0.15	9.57	9.93	0.09	10.15	29.74	55.78	-26.04	Average	NEUTRAL
3	0.19	14.83	9.93	0.09	10.15	35.00	63.98	-28.98	QP	NEUTRAL
4	0.19	9.44	9.93	0.09	10.15	29.61	53.98	-24.37	Average	NEUTRAL
5	0.47	13.10	9.98	0.10	10.06	33.24	56.58	-23.34	QP	NEUTRAL
6	0.47	7.67	9.98	0.10	10.06	27.81	46.58	-18.77	Average	NEUTRAL
7	0.78	15.11	9.97	0.10	9.94	35.12	56.00	-20.88	QP	NEUTRAL
8	0.78	10.57	9.97	0.10	9.94	30.58	46.00	-15.42	Average	NEUTRAL
9	0.85	15.96	9.98	0.11	9.92	35.97	56.00	-20.03	QP	NEUTRAL
10	0.85	8.94	9.98	0.11	9.92	28.95	46.00	-17.05	Average	NEUTRAL
11	1.58	10.22	9.97	0.13	9.78	30.10	56.00	-25.90	QP	NEUTRAL
12	1.58	5.19	9.97	0.13	9.78	25.07	46.00	-20.93	Average	NEUTRAL

Note: 1. Result Level = Read Level + LISN Factor + Pulse Limiter Factor + Cable loss.

2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).

4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

11. Photos of the EUT

Please refer to DDT-Q25061732-2E appendix I

-----End Report-----