

Prüfbericht-Nr.: Test report no.:	CN25TN8C 001	Auftrags-Nr.: Order no.:	168568654	Page 1 of 23 Seite 1 von 23
Kunden-Referenz-Nr.: Client reference no.:	N/A	Auftragsdatum: Order date:	2025-08-06	
Auftraggeber: Client:	Dreame Trading (Tianjin) Co., Ltd. Room 2112-1-1, South District, Finance and Trade Center, No.6975 Yazhou Road, Dongjiang Bonded Port Area, Tianjin Pilot Free Trade Zone, 300463 Tianjin, P.R. China			
Prüfgegenstand: Test item:	Dreame NAVO Care SE 1 Incam			
Bezeichnung / Typ-Nr.: Identification / Type no.:	A121 (Trademark: DREAME)			
Auftrags-Inhalt: Order content:	Type test			
Prüfgrundlage: Test specification:	CFR47 FCC Part 15: Subpart C Section 15.247 CFR47 FCC Part 15: Subpart C Section 15.207 CFR47 FCC Part 15: Subpart C Section 15.209 RSS-247 Issue 3 August 2023 RSS-Gen Issue 5 February 2021			
Wareneingangsdatum: Date of sample receipt:	2025-08-07	Refer to photos document		
Prüfmuster-Nr.: Test sample no.:	A004057952			
Prüfzeitraum: Testing period:	2025-08-11 - 2025-09-12			
Ort der Prüfung: Place of testing:	Guangdong Dongdian Testing Service Co.,Ltd.			
Prüflaboratorium: Testing laboratory:	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: Test result*:	Pass			
geprüft von: tested by:	genehmigt von: authorized by:			
Datum: Date:	Ausstellungsdatum: Issue date:			
Stellung / Position:	Stellung / Position:			
Sonstiges / Other:				
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:				
* Legende: P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet * Legend: P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested				
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. This test report only relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.				

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Remarks
Anmerkungen

1	The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request. <i>Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben.</i> <i>Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden.</i>
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3	Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report. Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report. <i>Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt.</i>
4	The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019. <i>Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019.</i>

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Test Summary

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 MAXIMUM PEAK CONDUCTED OUTPUT POWER

RESULT: Pass

5.1.3 CONDUCTED POWER SPECTRAL DENSITY

RESULT: Pass

5.1.4 99%dB BANDWIDTH

RESULT: Pass

5.1.5 6dB BANDWIDTH

RESULT: Pass

5.1.6 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 KHz BANDWIDTH

RESULT: Pass

5.1.7 RADIATED SPURIOUS EMISSION

RESULT: Pass

5.1.8 CONDUCTED EMISSION ON AC MAINS

RESULT: Pass

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1 General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix A: Test Results of Bluetooth Low Energy.

Appendix B: Photographs of the Test Set-up

2 Test Sites

2.1 Test Facilities

Guangdong Dongdian Testing Service Co.,Ltd.

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

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

IC Registration No.: 10288A and the CAB identifier is CN0048.

This project was subcontracted by TÜV Rheinland (Shenzhen) Co., Ltd. to Guangdong Dongdian Testing Service Co.,Ltd, and all tests items at the test sites have been conducted under the supervision of a TÜV engineer.

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2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

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

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
☒ RF Radiated Spurious Emissions Test				
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	2025/08/25
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	2027/04/01
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2026/07/11
Hochgewinn-Hornantenne	SCHWARZBEC K	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

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
☒ Conducted Emissions Test				
EMI Test Receiver	R&S	ESCI 3	DDT-ZC01972	2026/03/28
Two Line V-Network	R&S	ENV216	DDT-ZC00586	2026/07/06

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Pulse Limiter	R&S	KH43101	DDT-ZC00747	2026/03/28
Coaxial signal signal cable	H&S	RG214-5	DDT-ZC01817	2026/03/28
Conected Radiated Software	Audix	E3	DDT-ZC00562	/
Two Line V-Network	R&S	ENV216	DDT-ZC02058	2026/07/06

2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements as below table.

Parameter	Uncertainty (k=2)
Occupied Channel Bandwidth	± 2.08 %
RF output power, conducted	± 0.99 dB
RF power density, conducted	± 0.99 dB
Unwanted Emissions, conducted	± 0.89 dB
All emissions, radiated	± 4.17 dB

2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix A & B of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

The Guangdong Dongdian Testing Service Co.,Ltd. Test facility located at Unit 2, Building 1, No.17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808 is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3 General Product Information

3.1 Product Function and Intended Use

The Product is a video camera, which supports Bluetooth LE and 2.4GHz / 5GHz Wi-Fi (802.11 a/b/g/n) functions.

For details refer to the User Manual and Circuit Diagram.

3.2 Ratings and System Details

Table 2: Technical Specification of EUT

General Information of EUT	Value
Kind of Equipment	Dreame NAVO Care SE 1 Incam
Type Designation	A121
Trademark	DREAME
FCC ID	2AXGD-A121
IC	26444-A121
HVIN	A121
Operating Voltage:	USB operated (5Vdc, 1A)
Test Voltage	AC 120V, 60Hz
Operating Temperature Range:	-20 °C ~ +50 °C
Technical Specification of Bluetooth Low Energy	
Operating Frequency	2402 - 2480 MHz
Type of Modulation	GFSK
Channel Number	40 channels
Channel Separation	2MHz
Data Rate	1Mbps
Antenna Type	FPC Antenna
Antenna Number	1Tx1Rx
Antenna Gain	1.46 dBi (Provided by the Client)
Technical Specification of 2.4GHz Wi-Fi	
Operating Frequency:	2412 - 2462 MHz for 802.11b/g/n(HT20) 2422 - 2452 MHz for 802.11n(HT40)
Type of Modulation:	DSSS(DBPSK/DQPSK/CCK) OFDM(BPSK/QPSK/16QAM/64QAM/)
Data Rate:	1/2/5.5/11 Mbps for 802.11b 6/9/12/18/24/36/48/54 Mbps for 802.11g MCS0 ~ MCS7 Mbps for 802.11n(HT20) MCS0 ~ MCS7 Mbps for 802.11n(HT40)
Channel Number:	11 channels for 802.11b/g/n(HT20) 7 channels for 802.11b/g/n(HT40)
Channel Separation:	5 MHz
Antenna Type:	FPC Antenna
Antenna Number:	1x1 TRX
Antenna Gain:	1.46 dBi (Provided by the Client)
Technical Specification of 5GHz Wi-Fi	
Operating Frequency:	5180-5240MHz, 5260-5320MHz, 5500-5720MHz, 5745-5825MHz
Channel Number:	5180-5240MHz, 8CHs, 802.11 a/n20/n40 5260-5320MHz, 8CHs, 802.11 a/n20/n40 5500-5720MHz, 12CHs, 802.11 a/n20/n40

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	5745-5825MHz, 7CHs, 802.11 a/n20/n40 Note: 5600-5650MHz band is not used in Canada.
Type of Modulation:	OFDM(BPSK/QPSK/16QAM/64QAM/)
Data Rate:	6/9/12/18/24/36/48/54 Mbps for 802.11a MCS0~MCS7 for 802.11n
Channel Separation:	20MHz / 40MHz
DFS	Client Without Radar Detection
Antenna Type:	FPC Antenna
Antenna Number:	1x1 TRX
Antenna Gain:	2.04 dBi (Provided by the Client)

Note: The correctness of all data provided by customer in the test report is ensured and responsible of the customer. Any misjudgment of the test results caused by the use of incorrect data provided by customer shall be borne by the customer.

Table 3: RF Channel and Frequency of Bluetooth Low Energy

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
00	2402.00	10	2422.00	20	2442.00	30	2462.00
01	2404.00	11	2424.00	21	2444.00	31	2464.00
02	2406.00	12	2426.00	22	2446.00	32	2466.00
03	2408.00	13	2428.00	23	2448.00	33	2468.00
04	2410.00	14	2430.00	24	2450.00	34	2470.00
05	2412.00	15	2432.00	25	2452.00	35	2472.00
06	2414.00	16	2434.00	26	2454.00	36	2474.00
07	2416.00	17	2436.00	27	2456.00	37	2476.00
08	2418.00	18	2438.00	28	2458.00	38	2478.00
09	2420.00	19	2440.00	29	2460.00	39	2480.00

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, Bluetooth LE transmitting mode
 - 1. Low channel
 - 2. Middle channel
 - 3. High channel
- B. On, Bluetooth connecting mode
- C. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

- | | |
|----------------------------------|------------------|
| - Application Form | - Photo Document |
| - Block Diagram | - Schematics |
| - FCC/IC Label and Location Info | - User Manual |
| - Operation Description | |

4 Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

Radio Spectrum: The equipment under test (EUT) was configured at its highest power output in order to measure its highest possible radiation and conducted level. The test modes were adapted accordingly in reference to the instructions for use.

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All testing were performed according to the procedures in ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024.

4.3 Special Accessories and Auxiliary Equipment

Table 4: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N or Rating
Laptop	Lenovo	T480	PF-16A6N8
AC/DC Adapter	HUAWEI	HW-100400C01 JB91L6L7S04031	Input: 100-240V~ 50/60Hz, Output: 5V/2A or 9V/2A or 10V/4A MAX
AC Adapter	HUAWEI	HW-050450C00	Input: 100-240V~ 50/60Hz, Output: 5V/2A or 4.5V/5A or 5V/4.5A

4.4 Countermeasures to Achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF).

No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test (Below 30MHz)

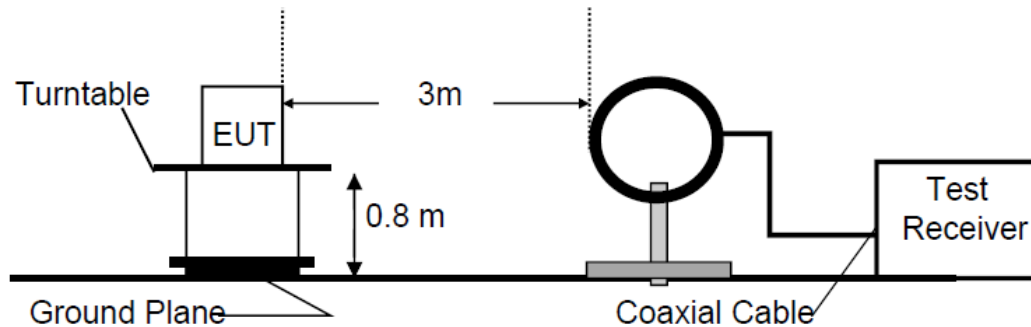


Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

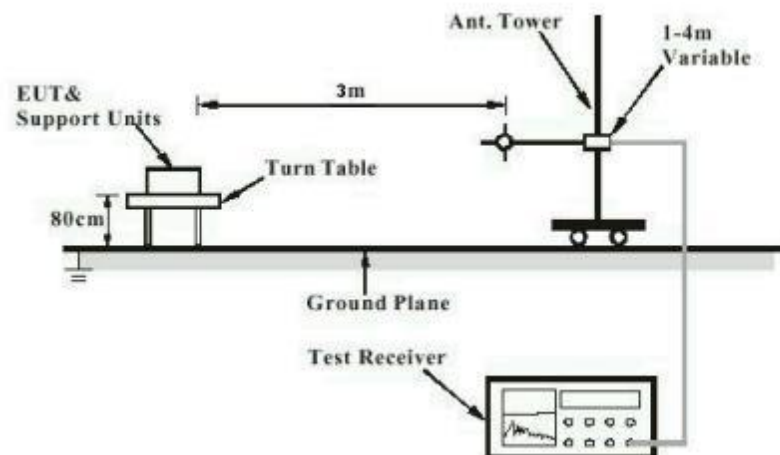


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)

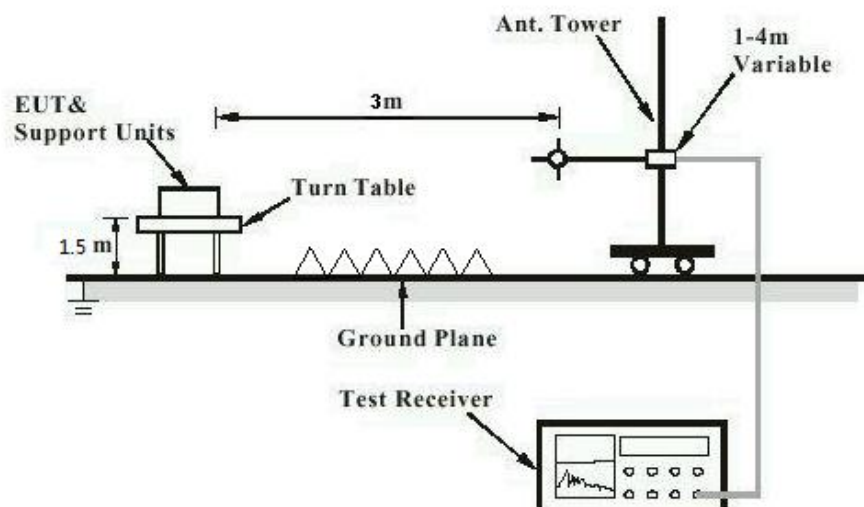


Diagram of Measurement Configuration for Conducted Transmitter Measurement

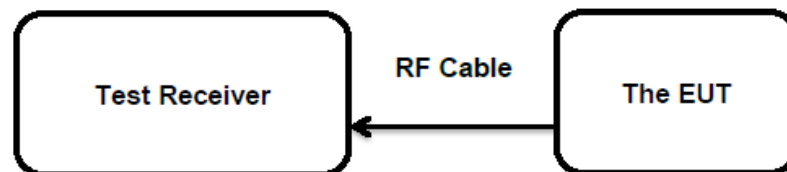
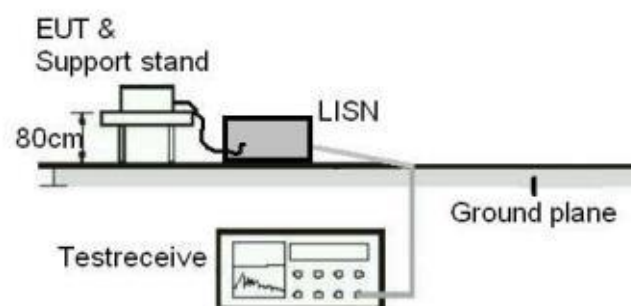


Diagram of Measurement Equipment Configuration for Mains Conduction Measurement



5 Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:

Pass

Test Specification

Test standard	:	FCC Part 15.247(b)(4) and Part 15.203 RSS-Gen Clause 6.7
Limit	:	the use of antennas with directional gains that do not exceed 6 dBi

According to the manufacturer declared, the EUT has one FPC antenna, the directional gain of antennas is 1.46 dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply with the provision.

Refer to EUT Photo for further details.

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5.1.2 Maximum Peak Conducted Output Power

RESULT:
Pass
Test Specification

Test standard : FCC Part 15.247(b)(3)
RSS-247 Clause 5.4(d)
Basic standard : ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024
Limits : < 1 Watt (Maximum Conducted Peak Power)
e.i.r.p. <4W
Kind of test site : Shielded Room

Test Setup

Date of testing : 2025-08-11 to 2025-09-12
Input voltage : AC 120V, 60Hz
Operation mode : A
Test channel : Low / Middle / High
Ambient temperature : 26.2 °C
Relative humidity : 46.1 %
Atmospheric pressure : 101 kPa

For details refer to following test result.

Table 5: Test Result of Maximum Peak Conducted Output Power

Data Rate	Test Channel (MHz)	Measured Peak Power		Limit (W)
		(dBm)	(W)	
1 Mbps	2402	5.94	0.00393	< 1.0
	2440	6.59	0.00456	
	2480	7.73	0.00593	
Maximum Measured Value		7.73	0.00593	

Note: The cable loss is taken into account in results and the maximum e.i.r.p. is 9.19 dBm less than 4W (36 dBm).

Note:

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G): 1.46 dBi

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5.1.3 Conducted Power Spectral Density

RESULT:
Pass
Test Specification

Test standard : FCC Part 15.247(e)
 : RSS-247 Clause 5.2(b)
 Basic standard : ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024
 Limits : 8 dBm / 3kHz
 Kind of test site : Shielded Room

Test Setup

Date of testing : 2025-08-11 to 2025-09-12
 Input voltage : AC 120V, 60Hz
 Operation mode : A
 Test channel : Low / Middle / High
 Ambient temperature : 26.2 °C
 Relative humidity : 46.1 %
 Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix A.

Table 6: Test Result of Conducted Power Spectral Density

Data Rate	Channel Frequency (MHz)	Measured Conducted Power Spectral Density	Limit
		(dBm / 3kHz)	
1 Mbps	2402	-3.99	8 dBm / 3kHz
	2440	-3.09	
	2480	-2.65	

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5.1.4 99%dB Bandwidth

RESULT:
Pass
Test Specification

Test standard : RSS-Gen clause 6.7
Basic standard : ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024
Kind of test site : Shielded Room

Test Setup

Date of testing : 2025-08-11 to 2025-09-12
Input voltage : AC 120V, 60Hz
Operation mode : A
Test channel : Low / Middle / High
Ambient temperature : 26.2 °C
Relative humidity : 46.1 %
Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix A.

Table 7: Test Result of 99% Bandwidth

Data Rate	Channel Frequency (MHz)	Measured 99% Bandwidth	Limit
		(MHz)	
1 Mbps	2402	1.0629	/
	2440	1.0629	
	2480	1.0629	

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5.1.5 6dB Bandwidth

RESULT:

Pass

Test Specification

Test standard : FCC Part 15.247(a)(2)
RSS-247 Clause 5.2(a)
Basic standard : ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024
Kind of test site : Shielded Room

Test Setup

Date of testing : 2025-08-11 to 2025-09-12
Input voltage : AC 120V, 60Hz
Operation mode : A
Test channel : Low / Middle / High
Ambient temperature : 26.2 °C
Relative humidity : 46.1 %
Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix A .

Table 8: Test Result of 6dB Bandwidth

Data Rate	Channel Frequency (MHz)	Measured 6dB Bandwidth	Limit
		(MHz)	
1 Mbps	2402	0.66	>500kHz
	2440	0.66	
	2480	0.66	

Prüfbericht-Nr.: **CN25TN8C 001**
Test report no.:Seite 20 von 23
Page 20 of 23**5.1.6 Conducted Spurious Emissions Measured in 100 kHz Bandwidth****RESULT:****Pass****Test Specification**

Test standard	: FCC Part 15.247(d) RSS-247 Clause 5.5
Basic standard	: ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024
Limits	: 20dB (below that in the 100kHz bandwidth within the band that contains the highest level of the desired power); In addition, radiated emissions which fall in the restricted bands, must also comply with the radiated emission limits specified in 15.209(a)
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2025-08-11 to 2025-09-12
Input voltage	: AC 120V, 60Hz
Operation mode	: A
Test channel	: Low / Middle / High
Ambient temperature	: 26.2 °C
Relative humidity	: 46.1 %
Atmospheric pressure	: 101 kPa

Test results of 100kHz Bandwidth of Frequency Band Edge by Conducted method refer to test plots, and compliance is achieved as well.

For the measurement records, refer to the appendix A.

Prüfbericht-Nr.: **CN25TN8C 001**
Test report no.:

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5.1.7 Radiated Spurious Emission

RESULT:

Pass

Test Specification

Test standard	: FCC Part 15.247(d) & FCC Part 15.205 RSS-247 Clause 3.3 & 5.5
Basic standard	: ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024
Limits	: Refer to 15.209(a) of FCC part 15.247(d) RSS-Gen Table 4 & Table 5
Kind of test site	: 3m Semi-anechoic Chamber

Test Setup

Date of testing	: 2025-08-11 to 2025-09-12
Input voltage	: AC 120V, 60Hz
Operation mode	: A
Test channel	: Low / Middle / High
Ambient temperature	: Refer to test result
Relative humidity	: Refer to test result
Atmospheric pressure	: 101 kPa

Remark:

Testing was carried out within frequency range 9kHz to the tenth harmonics. Only the worst case spurious emissions configuration of the each mode were reported.

For the measurement records, refer to the appendix A .

Prüfbericht-Nr.: **CN25TN8C 001**
Test report no.:

Seite 22 von 23
Page 22 of 23

5.1.8 Conducted Emission on AC Mains

RESULT:

Pass

Test Specification

Test standard	: FCC Part 15.207(a) RSS-Gen Clause 8.8
Basic standard	: ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024
Frequency range	: 0.15 – 30MHz
Limits	: FCC Part 15.207(a) RSS-Gen Table 4
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2025-08-11 to 2025-09-12
Input voltage	: AC 120V, 60Hz
Operation mode	: B
Earthing	: Not connected
Ambient temperature	: 22.3 °C
Relative humidity	: 51.5 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A.

6 Photographs of the Test Set-Up

For photographs of the test set-up, refer to the appendix A.

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Appendix A: Test Results of Bluetooth Low Energy

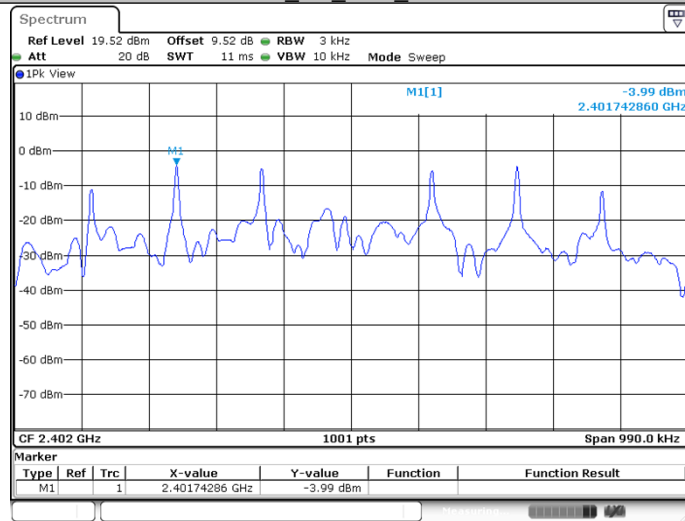
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Appendix A.1: Test Results of Conducted Power Spectral Density

Bluetooth LE Mode, 1Mbps

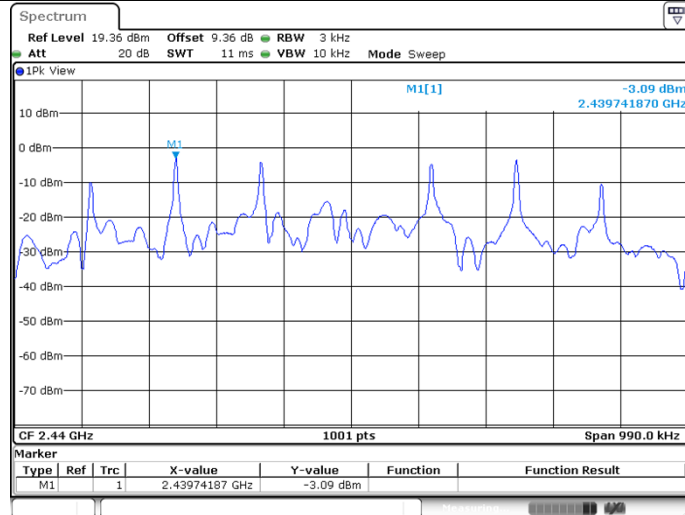
Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-3.99	≤8.00	PASS
		2440	-3.09	≤8.00	PASS
		2480	-2.65	≤8.00	PASS

BLE_1M Ant1_2402



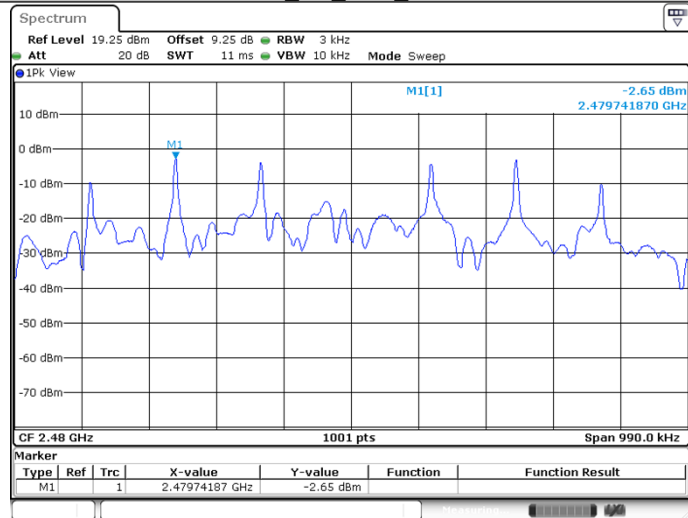
Date: 15 AUG.2025 23:56:08

BLE_1M Ant1_2440



Date: 15 AUG.2025 23:58:46

BLE_1M_Ant1_2480



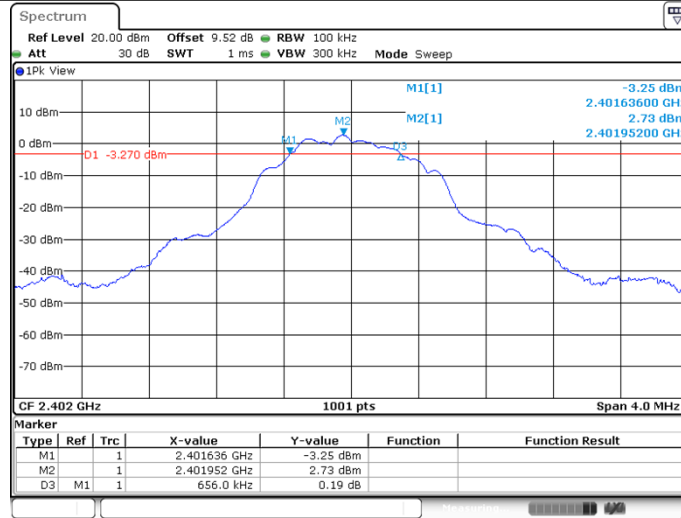
Date: 16 AUG 2025 00:00:51

Appendix A.2: Test Results of 6dB Bandwidth

Bluetooth LE Mode, 1Mbps

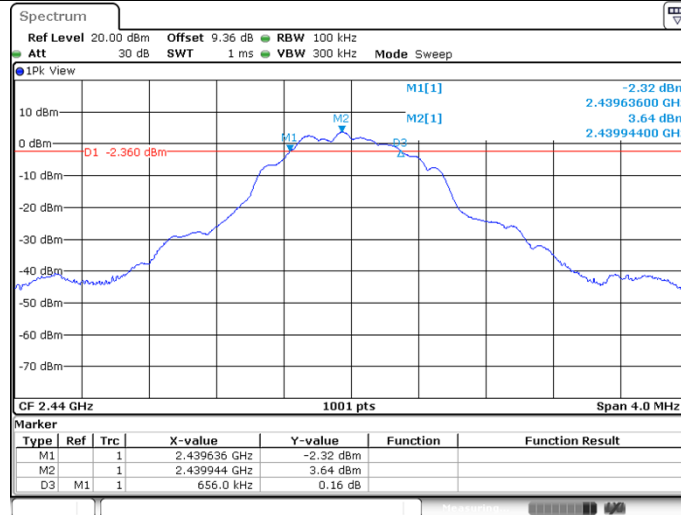
Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
BLE_1M	Ant1	2402	0.66	2401.64	2402.29	0.5	PASS
		2440	0.66	2439.64	2440.29	0.5	PASS
		2480	0.66	2479.64	2480.30	0.5	PASS

BLE_1M Ant1 2402



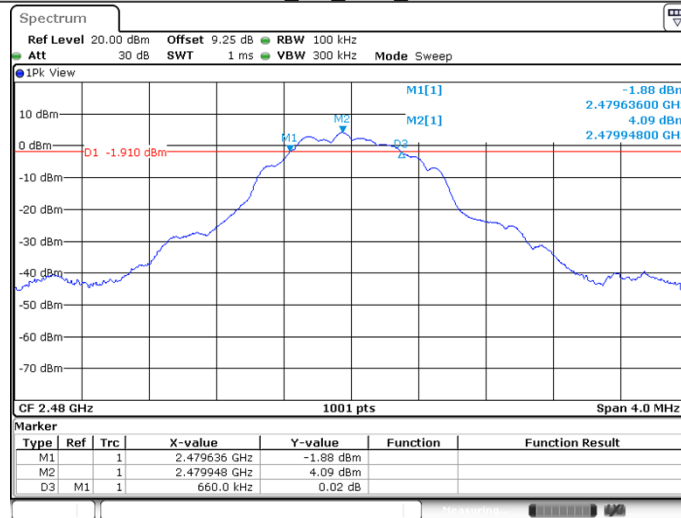
Date: 15.AUG.2025 23:55:27

BLE_1M Ant1 2440



Date: 15.AUG.2025 23:58:06

BLE_1M_Ant1_2480



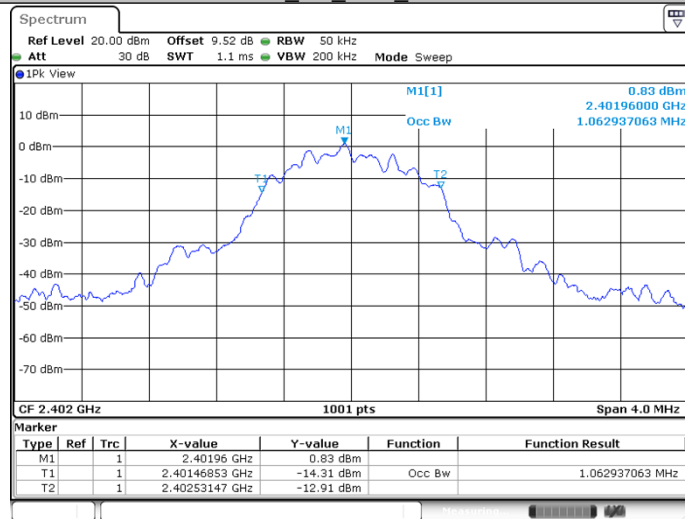
Date: 16.AUG.2025 00:00:11

Appendix A.3: Test Results of 99% Bandwidth

Bluetooth LE Mode, 1Mbps

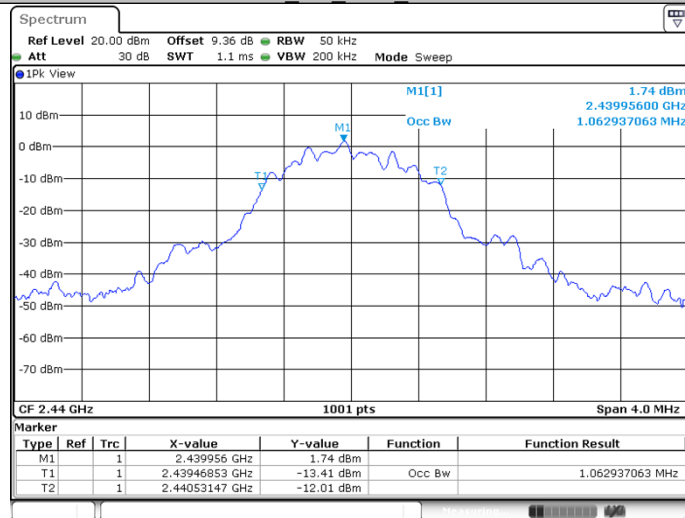
Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
BLE_1M	Ant1	2402	1.0629	2401.4685	2402.5315	---	---
		2440	1.0629	2439.4685	2440.5315	---	---
		2480	1.0629	2479.4685	2480.5315	---	---

BLE_1M Ant1_2402



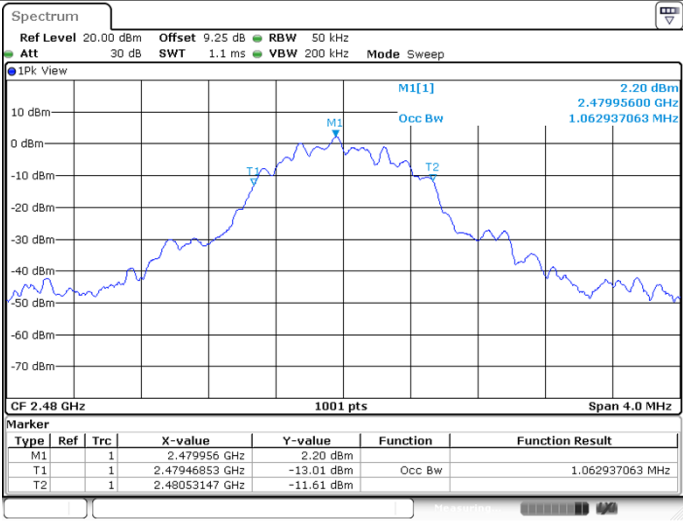
Date: 15 AUG.2025 23:55:41

BLE_1M Ant1_2440



Date: 15 AUG.2025 23:58:19

BLE_1M_Ant1_2480



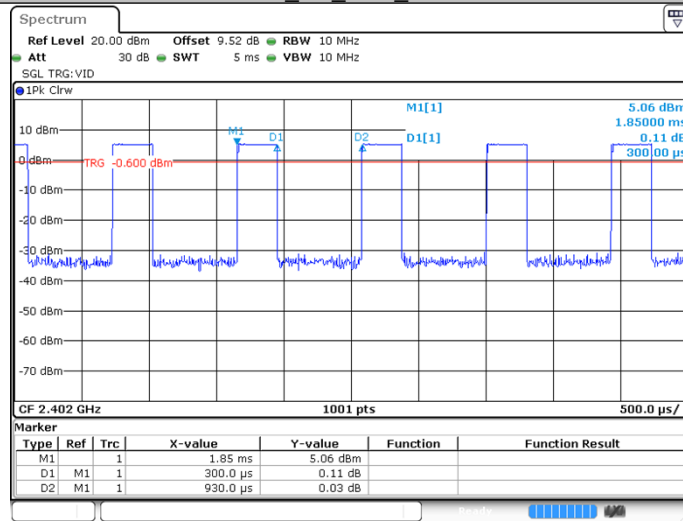
Date: 16 AUG 2025 00:00:24

Appendix A.4: Test Results of Duty Cycle

Bluetooth LE Mode, 1Mbps

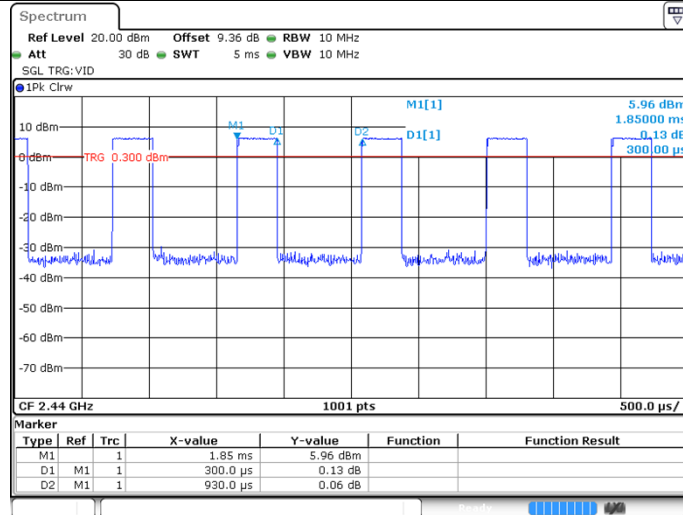
Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.30	0.93	32.26	4.91
		2440	0.30	0.93	32.26	4.91
		2480	0.30	0.93	32.26	4.91

BLE_1M Ant1_2402



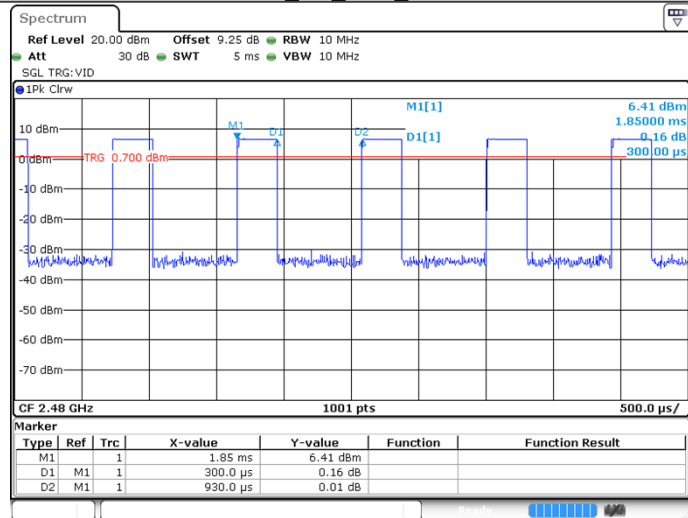
Date: 15 AUG.2025 23:55:13

BLE_1M Ant1_2440



Date: 15 AUG.2025 23:57:51

BLE_1M_Ant1_2480



Date: 15 AUG 2025 23:59:57

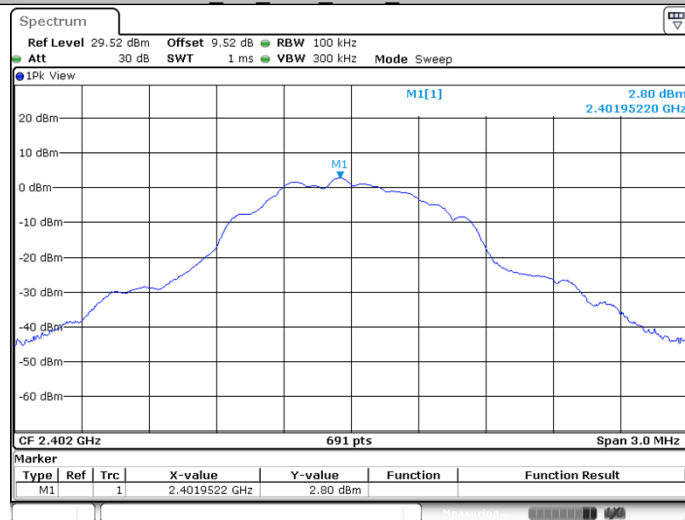
Appendix A.5: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Bluetooth LE Mode, 1Mbps

Conducted Spurious Emissions

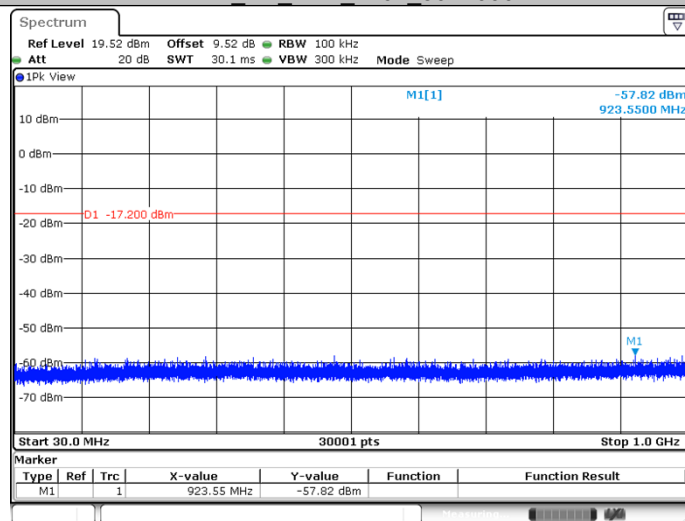
Mode	Frequency [MHz]	Verdict
GFSK 1M	2402	Pass
	2440	Pass
	2480	Pass

BLE 1M Ant1 2402 0~Reference



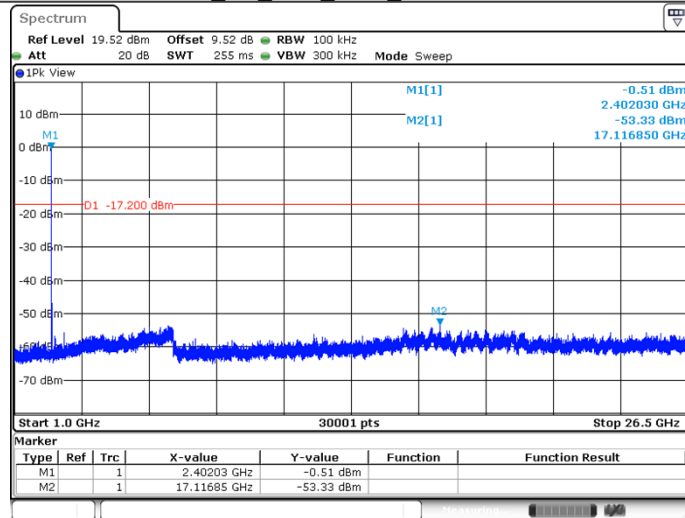
Date: 15.AUG.2025 23:56:33

BLE 1M Ant1 2402 30~1000



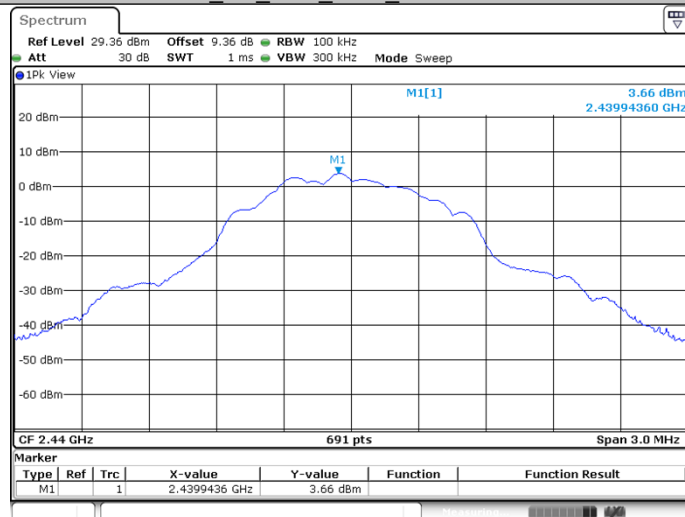
Date: 15.AUG.2025 23:56:41

BLE 1M Ant1 2402_1000~26500



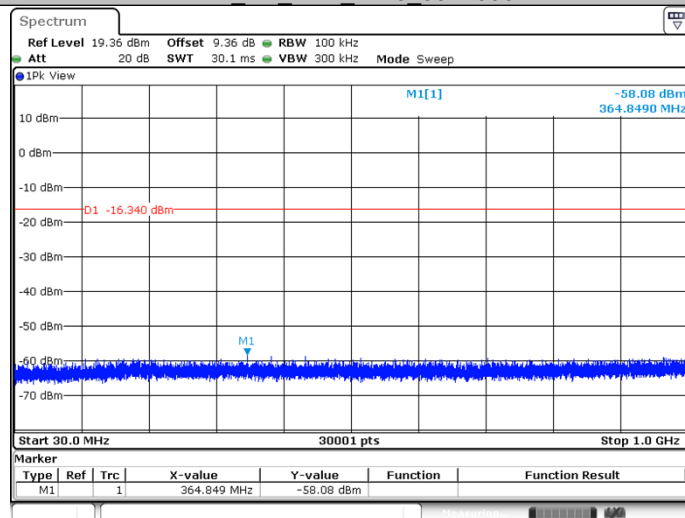
Date: 15 AUG 2025 23:57:04

BLE 1M Ant1 2440_0~Reference



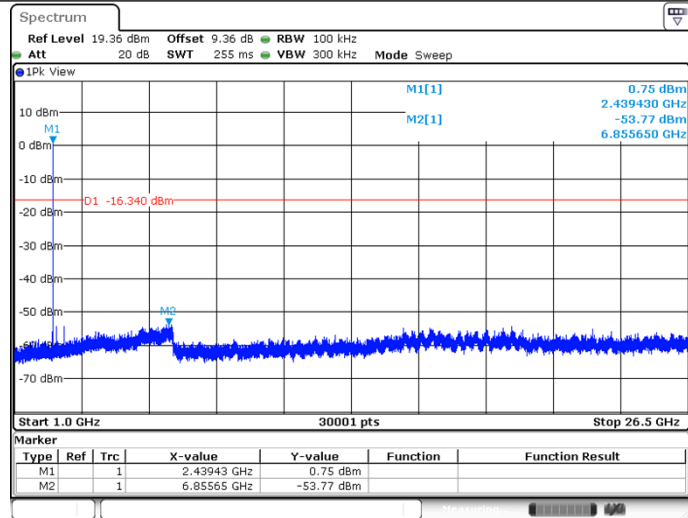
Date: 15 AUG 2025 23:58:54

BLE 1M Ant1 2440_30~1000



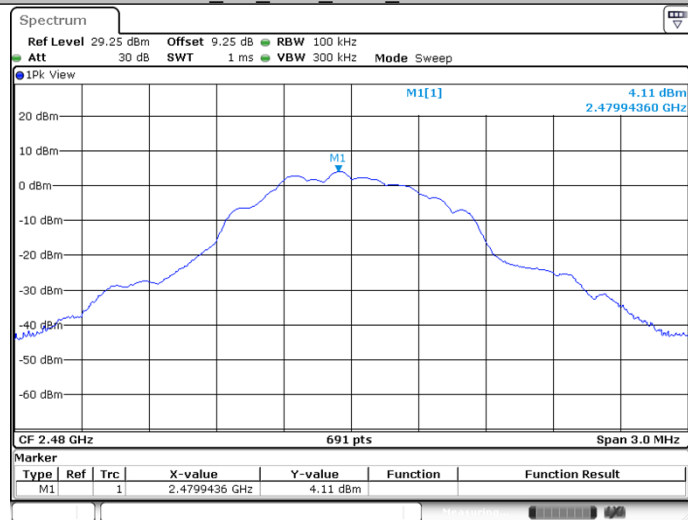
Date: 15 AUG 2025 23:59:02

BLE_1M_Ant1_2440_1000~26500



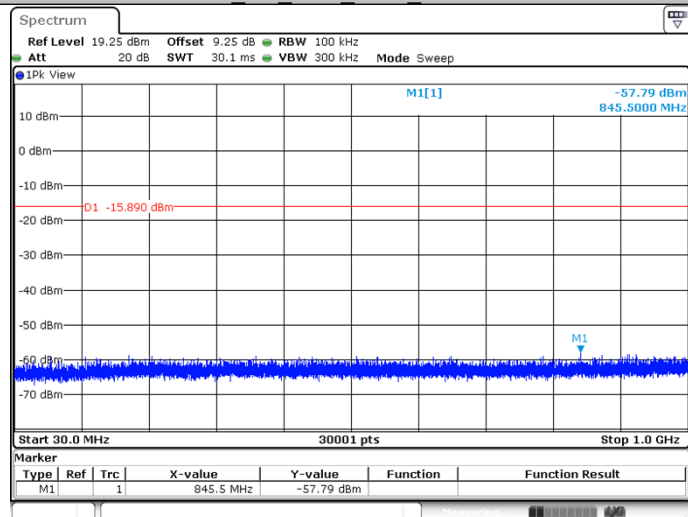
Date: 15 AUG 2025 23:59:25

BLE_1M_Ant1_2480_0~Reference



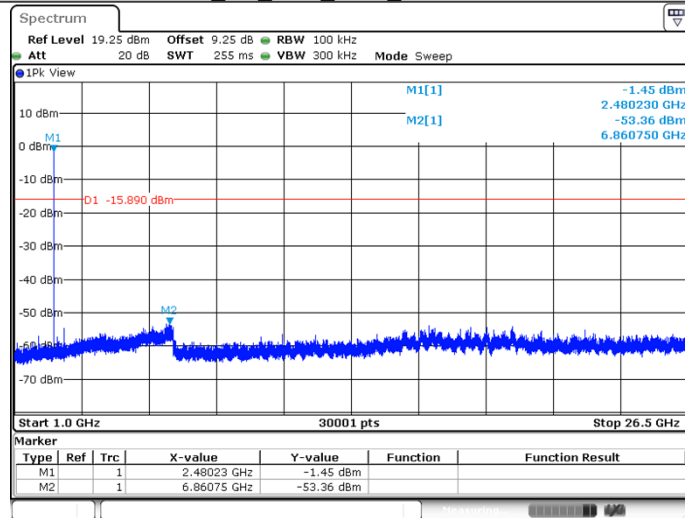
Date: 16 AUG 2025 00:01:16

BLE_1M_Ant1_2480_30~1000



Date: 16 AUG 2025 00:01:25

BLE_1M_Ant1_2480_1000~26500

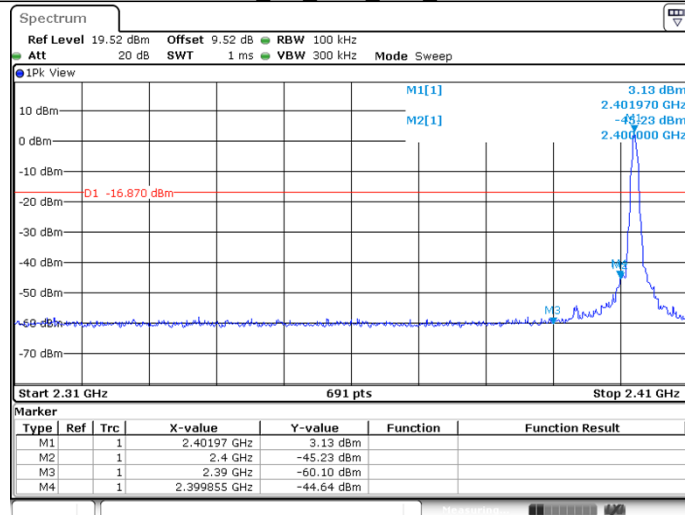


Date: 16 AUG 2025 00:01:47

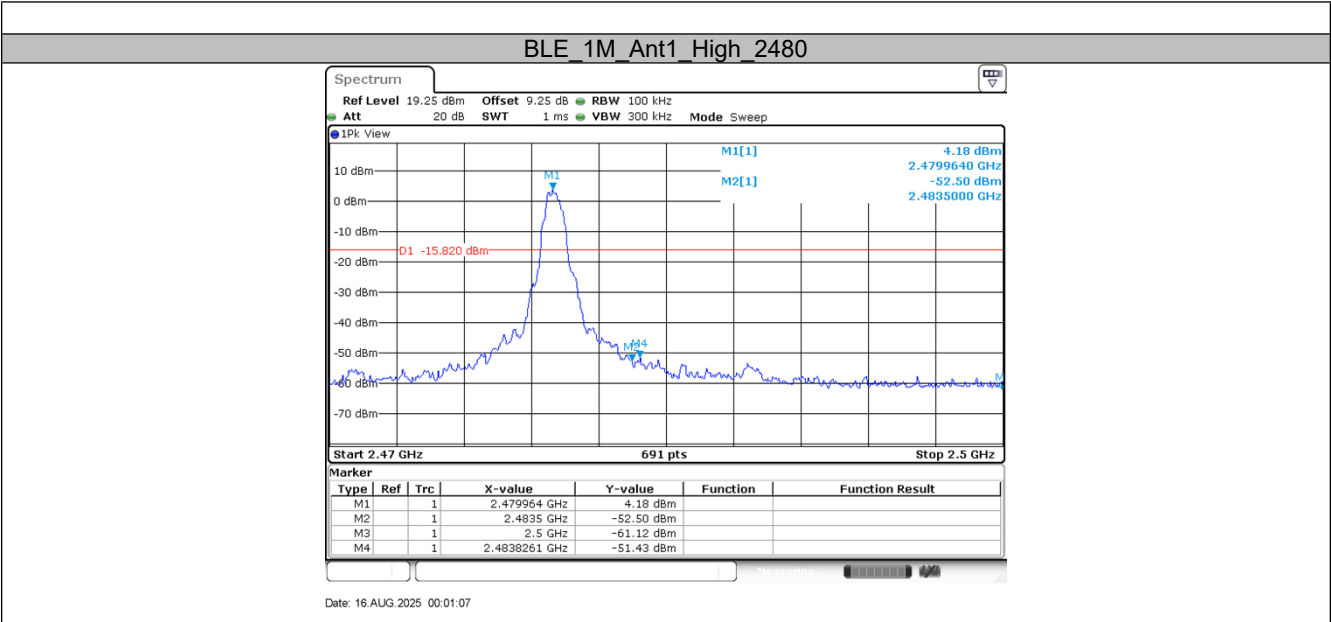
Band Edge Compliance (Conducted Method)

Mode	Frequency [MHz]	Measured Range	Verdict
GFSK 1M	2402	2.310 GHz - 2.410 GHz	Pass
	2480	2.470 GHz - 2.500 GHz	Pass

BLE_1M_Ant1_Low_2402



Date: 15 AUG 2025 23:56:23



Appendix A.6: Test Results of Radiated Spurious Emissions

Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30 MHz - 1GHz

Test Date: 2025-09-10 **Tested By:** Nan Zhong

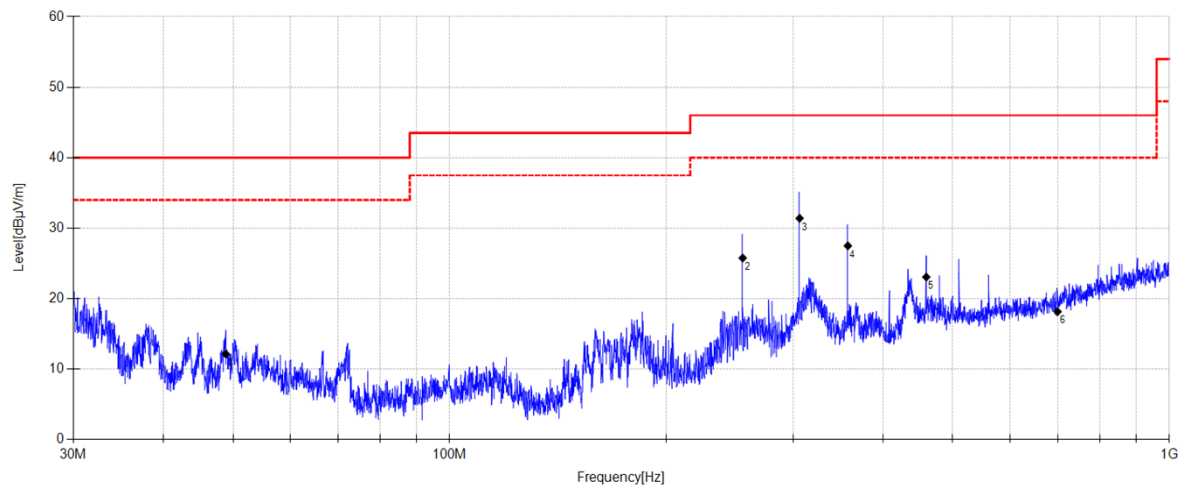
EUT: Dreame NAVO Care SE 1 Incam **Model Number:** A121

Test Mode: TX BLE1M 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\Q25080710-4E\FCC BELOW1G\23

Memo: Sample Numble:S25080710-003



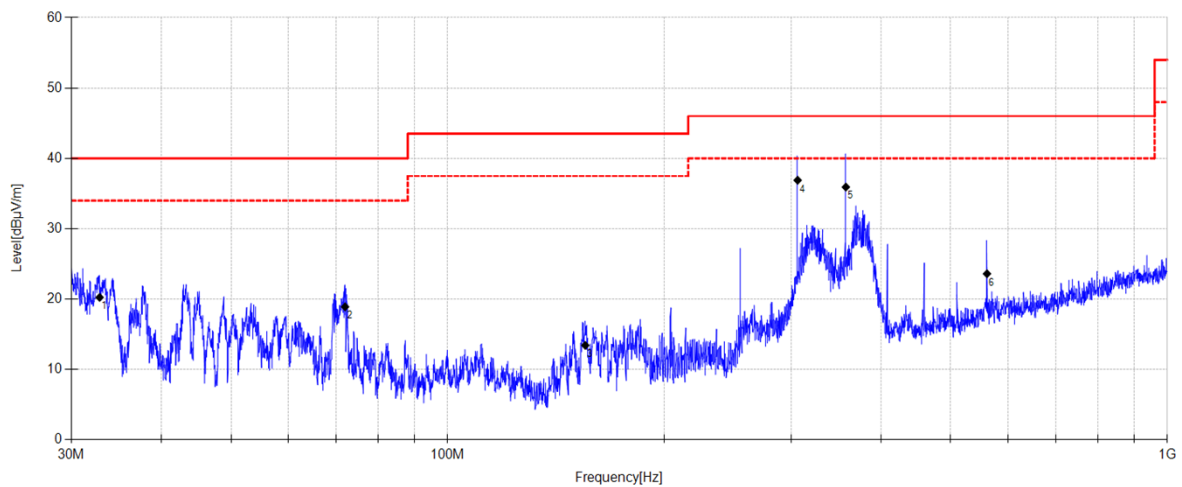
Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	48.872	27.01	13.55	3.87	12.13	40.00	27.87	QP	Horizontal
2	255.335	41.12	12.20	4.84	25.76	46.00	20.24	QP	Horizontal
3	306.396	44.85	13.79	5.17	31.40	46.00	14.60	QP	Horizontal
4	357.501	39.42	15.15	5.38	27.49	46.00	18.51	QP	Horizontal
5	459.508	33.66	16.19	5.77	23.06	46.00	22.94	QP	Horizontal
6	699.355	24.59	20.08	6.58	18.15	46.00	27.85	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.

Test Date: 2025-09-10 **Tested By:** Nan Zhong
EUT: Dreame NAVO Care SE 1 Incam **Model Number:** A121
Test Mode: TX BLE1M 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\Q25080710-4E\FCC BELOW1G\24
Memo: Sample Numbel:S25080710-003



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	32.840	37.9	10.90	3.74	20.24	40.00	19.76	QP	Vertical
2	72.021	37.69	9.49	4.02	18.90	40.00	21.10	QP	Vertical
3	155.313	33.12	8.32	4.34	13.42	43.50	30.08	QP	Vertical
4	306.396	50.34	13.79	5.17	36.89	46.00	9.11	QP	Vertical
5	357.501	47.85	15.15	5.38	35.92	46.00	10.08	QP	Vertical
6	561.545	32	18.21	6.14	23.60	46.00	22.40	QP	Vertical

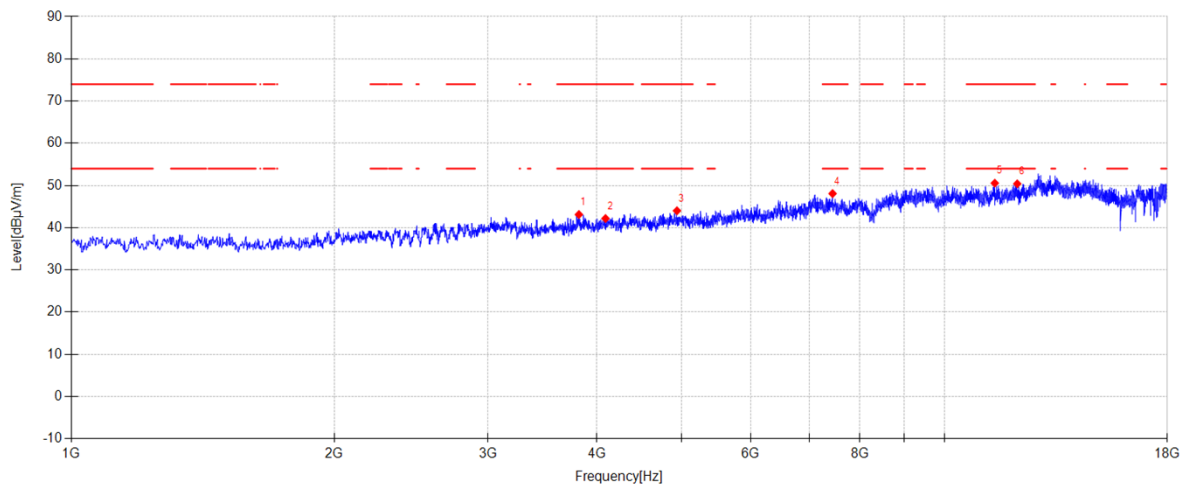
Note:

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.

1GHz - 18GHz

Note: The highest waveform in the figure is Bluetooth Fundamental.

Test Date: 2025-09-12 **Tested By:** Nan Zhong
EUT: Dreame NAVO Care SE 1 Incam **Model Number:** A121
Test Mode: TX BLE1M 2402MHz 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\Q25080710-4E\FCC ABOVE1G BLE\11
Memo: Sample Numbler:S25080710-003 Power Setting:NA



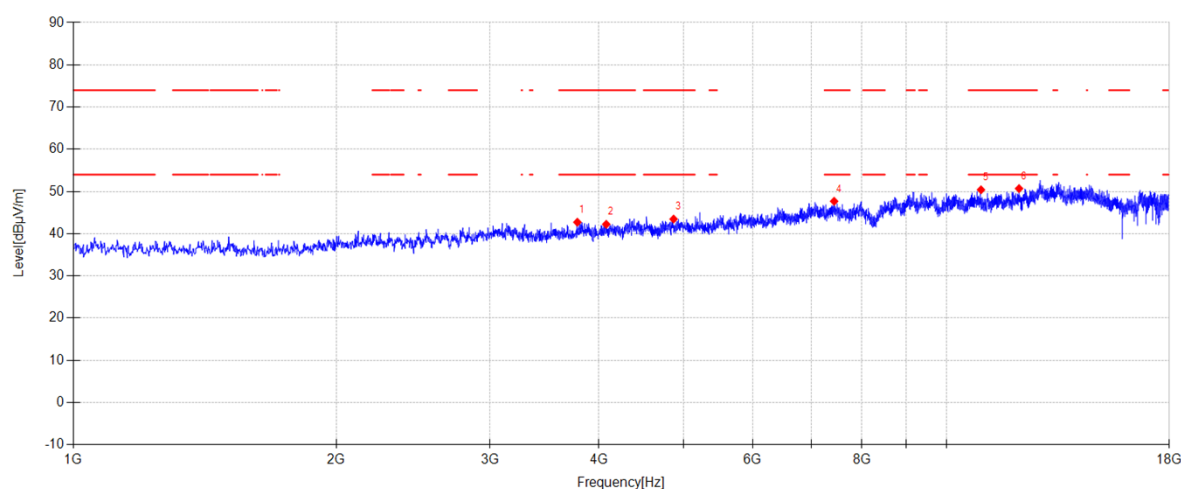
Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3813.500	46.93	30.74	5.08	-39.63	43.12	74.00	30.88	PK	Horizontal
2	4090.600	45.68	31.12	5.10	-39.71	42.19	74.00	31.81	PK	Horizontal
3	4938.900	45.11	33.10	5.61	-39.79	44.03	74.00	29.97	PK	Horizontal
4	7444.700	44.65	36.61	6.68	-39.86	48.08	74.00	25.92	PK	Horizontal
5	11419.300	42.15	39.61	8.39	-39.60	50.55	74.00	23.45	PK	Horizontal
6	12116.300	41.65	39.45	8.82	-39.51	50.41	74.00	23.59	PK	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.

Test Date: 2025-09-12 **Tested By:** Nan Zhong
EUT: Dreame NAVO Care SE 1 Incam **Model Number:** A121
Test Mode: TX BLE1M 2402MHz 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\Q25080710-4E\FCC ABOVE1G BLE\12
Memo: Sample Numbler:S25080710-003 Power Setting:NA



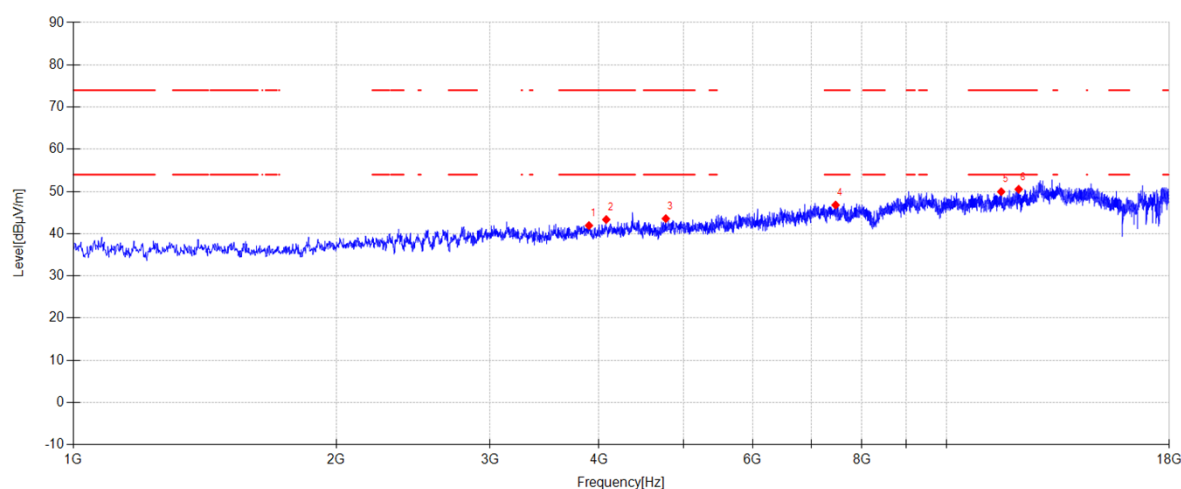
Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3777.800	46.84	30.41	5.09	-39.61	42.73	74.00	31.27	PK	Vertical
2	4077.000	45.70	31.15	5.10	-39.71	42.24	74.00	31.76	PK	Vertical
3	4869.200	44.71	32.98	5.57	-39.79	43.47	74.00	30.53	PK	Vertical
4	7436.200	44.25	36.63	6.67	-39.86	47.69	74.00	26.31	PK	Vertical
5	10953.500	42.25	39.65	8.11	-39.60	50.41	74.00	23.59	PK	Vertical
6	12109.500	41.92	39.47	8.82	-39.51	50.70	74.00	23.30	PK	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.

Test Date: 2025-09-12 **Tested By:** Nan Zhong
EUT: Dreame NAVO Care SE 1 Incam **Model Number:** A121
Test Mode: TX BLE1M 2440MHz 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\Q25080710-4E\FCC ABOVE1G BLE\13
Memo: Sample Numbler:S25080710-003 Power Setting:NA



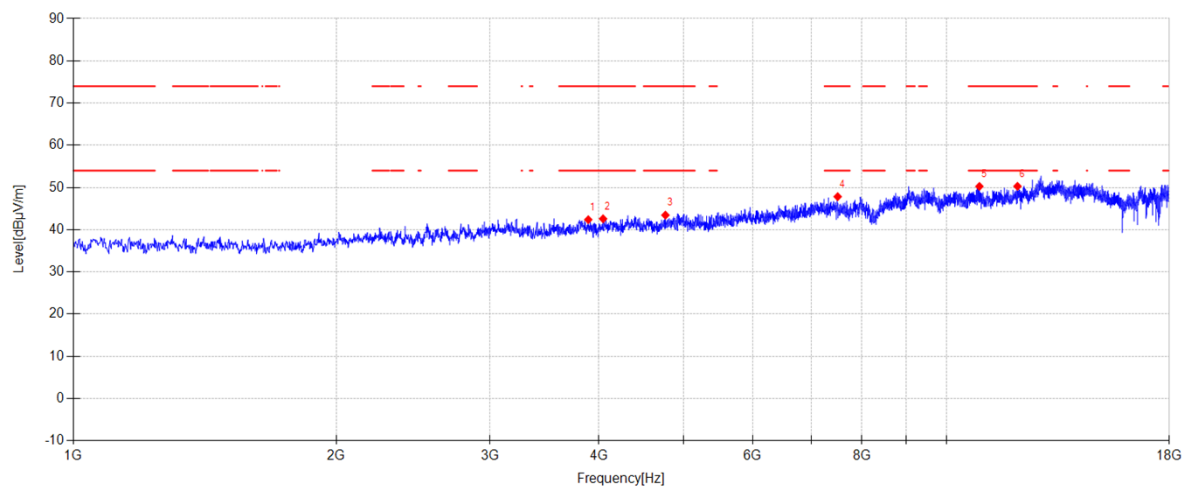
Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3895.100	45.68	30.84	5.07	-39.66	41.93	74.00	32.07	PK	Horizontal
2	4077.000	46.82	31.15	5.10	-39.71	43.36	74.00	30.64	PK	Horizontal
3	4770.600	45.70	32.16	5.51	-39.78	43.59	74.00	30.41	PK	Horizontal
4	7465.100	43.26	36.69	6.69	-39.85	46.79	74.00	27.21	PK	Horizontal
5	11553.600	42.38	38.69	8.48	-39.60	49.95	74.00	24.05	PK	Horizontal
6	12097.600	41.75	39.49	8.81	-39.52	50.53	74.00	23.47	PK	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.

Test Date: 2025-09-12 **Tested By:** Nan Zhong
EUT: Dreame NAVO Care SE 1 Incam **Model Number:** A121
Test Mode: TX BLE1M 2440MHz 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\Q25080710-4E\FCC ABOVE1G BLE\14
Memo: Sample Numbler:S25080710-003 Power Setting:NA



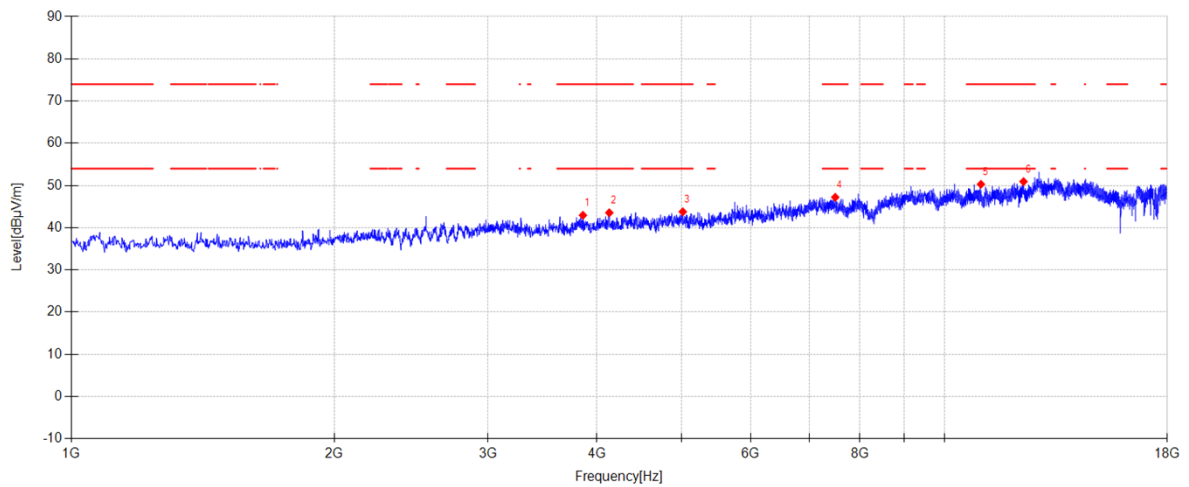
Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3888.300	46.22	30.76	5.07	-39.66	42.39	74.00	31.61	PK	Vertical
2	4043.000	46.05	31.16	5.08	-39.70	42.59	74.00	31.41	PK	Vertical
3	4765.500	45.55	32.17	5.51	-39.78	43.45	74.00	30.55	PK	Vertical
4	7505.900	44.15	36.82	6.71	-39.85	47.83	74.00	26.17	PK	Vertical
5	10907.600	42.18	39.61	8.08	-39.61	50.26	74.00	23.74	PK	Vertical
6	12060.200	41.74	39.30	8.79	-39.55	50.28	74.00	23.72	PK	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.

Test Date: 2025-09-12 **Tested By:** Nan Zhong
EUT: Dreame NAVO Care SE 1 Incam **Model Number:** A121
Test Mode: TX BLE1M 2480MHz 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\Q25080710-4E\FCC ABOVE1G BLE\15
Memo: Sample Numbler:S25080710-003 Power Setting:NA



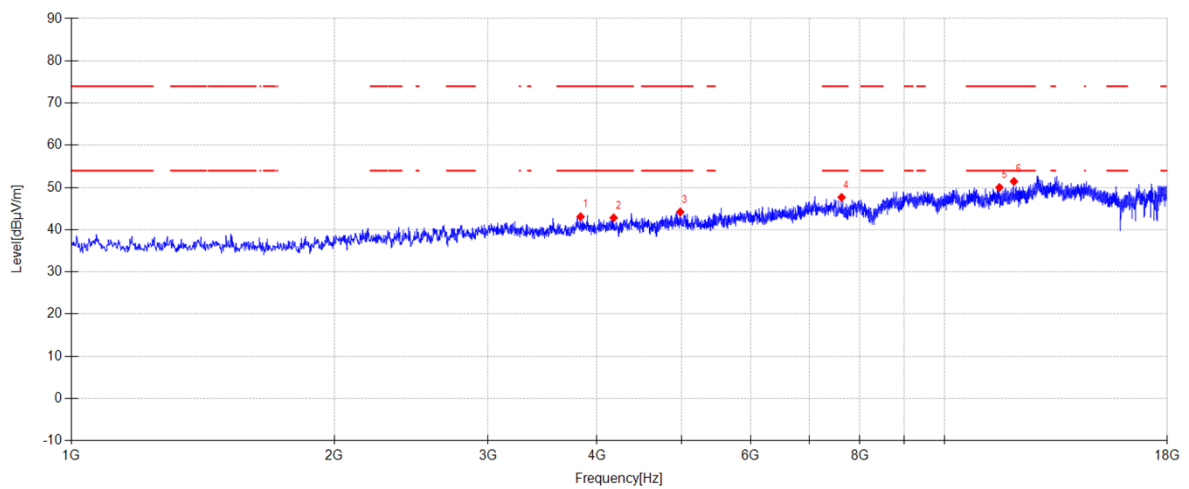
Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3854.300	47.17	30.35	5.07	-39.64	42.95	74.00	31.05	PK	Horizontal
2	4131.400	46.78	31.35	5.13	-39.71	43.55	74.00	30.45	PK	Horizontal
3	5015.400	44.89	33.03	5.66	-39.80	43.78	74.00	30.22	PK	Horizontal
4	7497.400	43.48	36.88	6.70	-39.85	47.21	74.00	26.79	PK	Horizontal
5	11009.600	42.13	39.62	8.14	-39.60	50.29	74.00	23.71	PK	Horizontal
6	12318.600	42.02	39.34	8.92	-39.35	50.93	74.00	23.07	PK	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.

Test Date: 2025-09-12 **Tested By:** Nan Zhong
EUT: Dreame NAVO Care SE 1 Incam **Model Number:** A121
Test Mode: TX BLE1M 2480MHz 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\Q25080710-4E\FCC ABOVE1G BLE\16
Memo: Sample Numbler:S25080710-003 Power Setting:NA



Suspected Data List

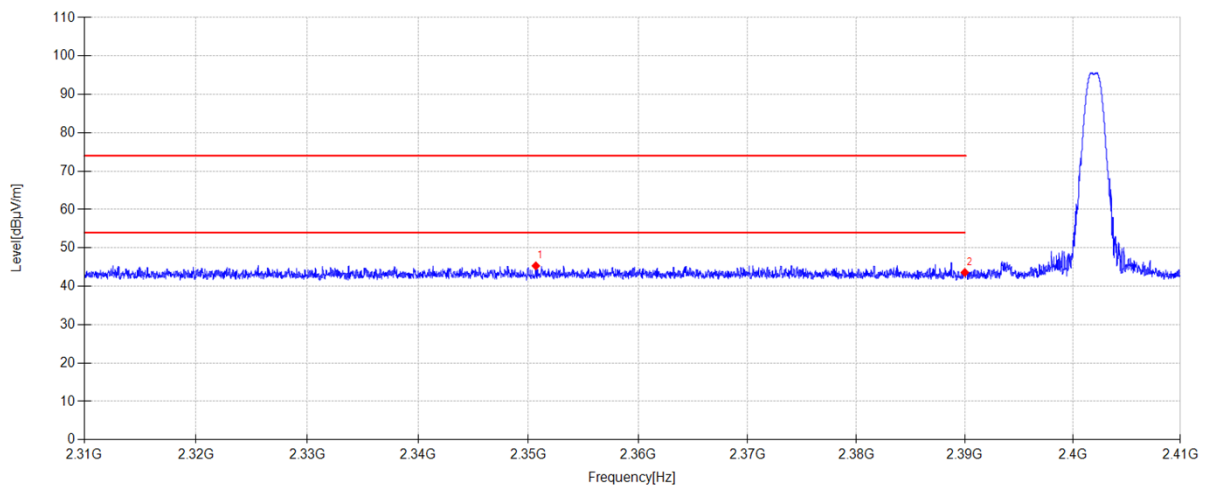
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3830.500	47.10	30.53	5.08	-39.63	43.08	74.00	30.92	PK	Vertical
2	4179.000	46.17	31.21	5.16	-39.72	42.82	74.00	31.18	PK	Vertical
3	4981.400	45.31	33.04	5.64	-39.80	44.19	74.00	29.81	PK	Vertical
4	7624.900	44.14	36.60	6.77	-39.84	47.67	74.00	26.33	PK	Vertical
5	11560.400	42.44	38.68	8.48	-39.60	50.00	74.00	24.00	PK	Vertical
6	12010.900	43.22	39.05	8.77	-39.59	51.45	74.00	22.55	PK	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.

Appendix A.7: Test Results of Radiated Emissions in Restricted Bands

Test Date: 2025-09-12 **Tested By:** Nan Zhong
EUT: Dreame NAVO Care SE 1 Incam **Model Number:** A121
Test Mode: TX BLE1M 2402MHz 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\Q25080710-4E\FCC ABOVE1G BLE\17
Memo: Sample Numbler:S25080710-003 Power Setting:NA



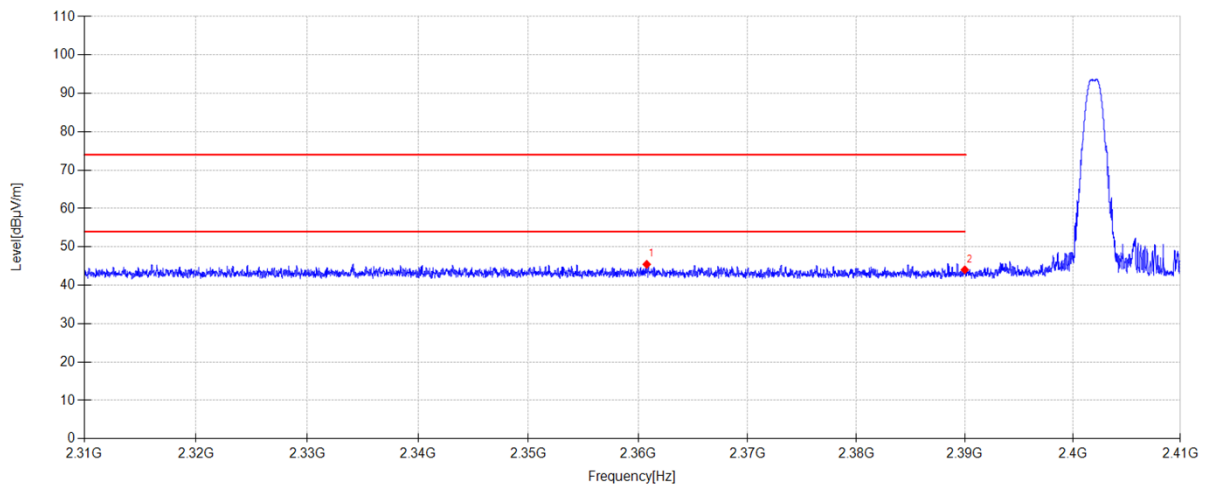
Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2350.680	12.81	27.70	4.81	0.00	45.32	74.00	28.68	PK	Horizontal
2	2390.000	11.31	27.46	4.84	0.00	43.61	74.00	30.39	PK	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.

Test Date: 2025-09-12 **Tested By:** Nan Zhong
EUT: Dreame NAVO Care SE 1 Incam **Model Number:** A121
Test Mode: TX BLE1M 2402MHz 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\Q25080710-4E\FCC ABOVE1G BLE\18
Memo: Sample Numbel:S25080710-003 Power Setting:NA

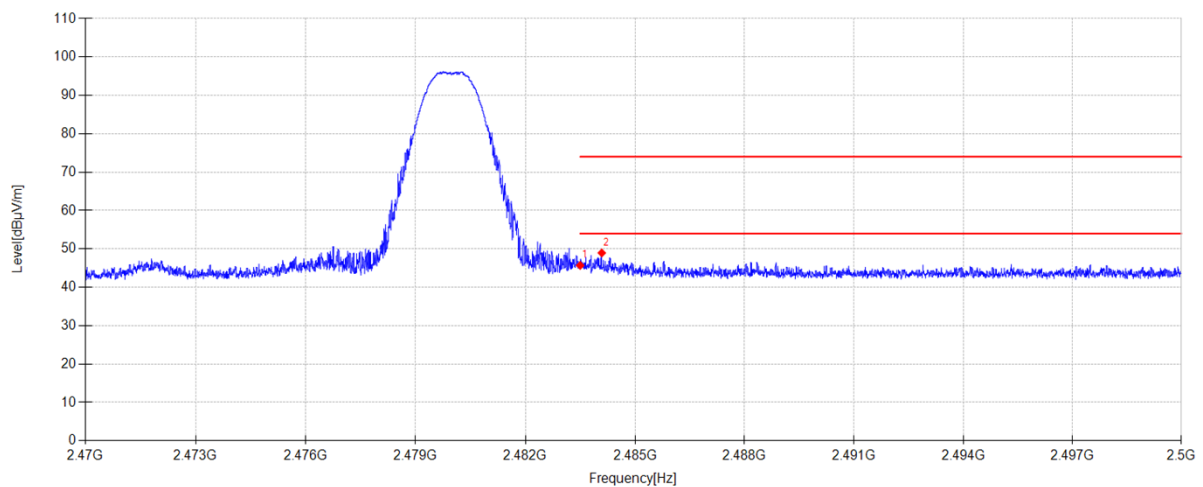


Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2360.780	13.00	27.64	4.82	0.00	45.46	74.00	28.54	PK	Vertical
2	2390.000	11.74	27.46	4.84	0.00	44.04	74.00	29.96	PK	Vertical

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.

Test Date: 2025-09-12 **Tested By:** Nan Zhong
EUT: Dreame NAVO Care SE 1 Incam **Model Number:** A121
Test Mode: TX BLE1M 2480MHz 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\Q25080710-4E\FCC ABOVE1G BLE\19
Memo: Sample Numbler:S25080710-003 Power Setting:NA

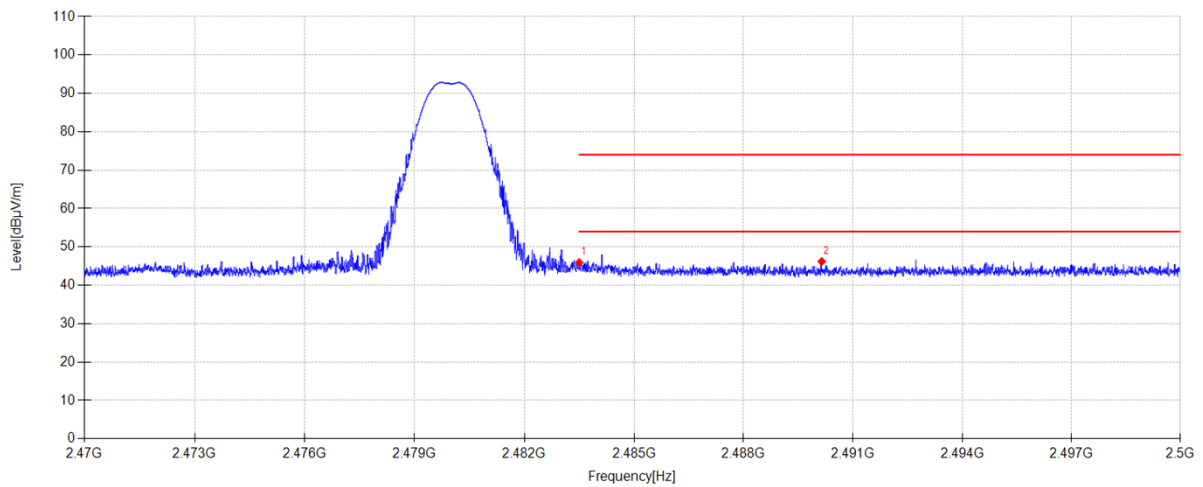


Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	13.27	27.54	4.89	0.00	45.70	74.00	28.30	PK	Horizontal
2	2484.091	16.53	27.54	4.89	0.00	48.96	74.00	25.04	PK	Horizontal

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.

Test Date: 2025-09-12 **Tested By:** Nan Zhong
EUT: Dreame NAVO Care SE 1 Incam **Model Number:** A121
Test Mode: TX BLE1M 2480MHz 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\Q25080710-4E\FCC ABOVE1G BLE\20
Memo: Sample Numbel:S25080710-003 Power Setting:NA



Suspected Data List

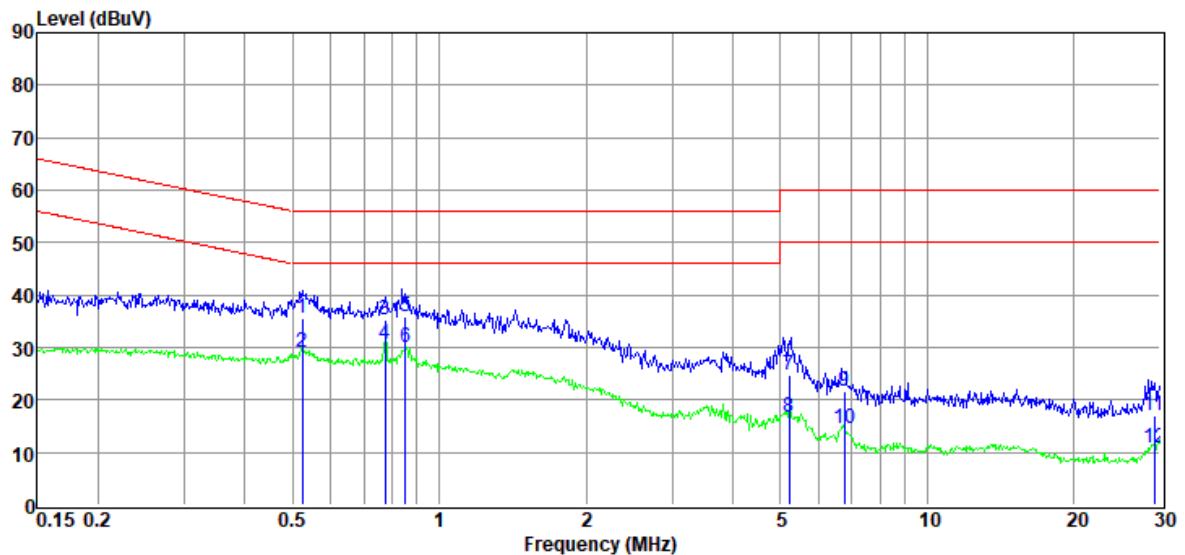
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	13.50	27.54	4.89	0.00	45.93	74.00	28.07	PK	Vertical
2	2490.142	13.70	27.60	4.90	0.00	46.20	74.00	27.80	PK	Vertical

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.

Appendix A.8: Test Results of Conducted Emissions on AC Mains

Test Site : DDT 5# Shield Room **D:\2025 report data\Q25080710-4E\0912 CE.EM6**
Test Date : 2025-09-12 **Tested By** : Li Xiongbin
EUT : Dreame NAVO Care SE 1 Incam **Model Number** : A121
Power Supply : AC 120V/60Hz **Test Mode** : BLE Mode
Condition : Temp:22.3°C,Humi:51.5% **LISN** : 2025 2# 216/LINE
Memo : S25080710-008

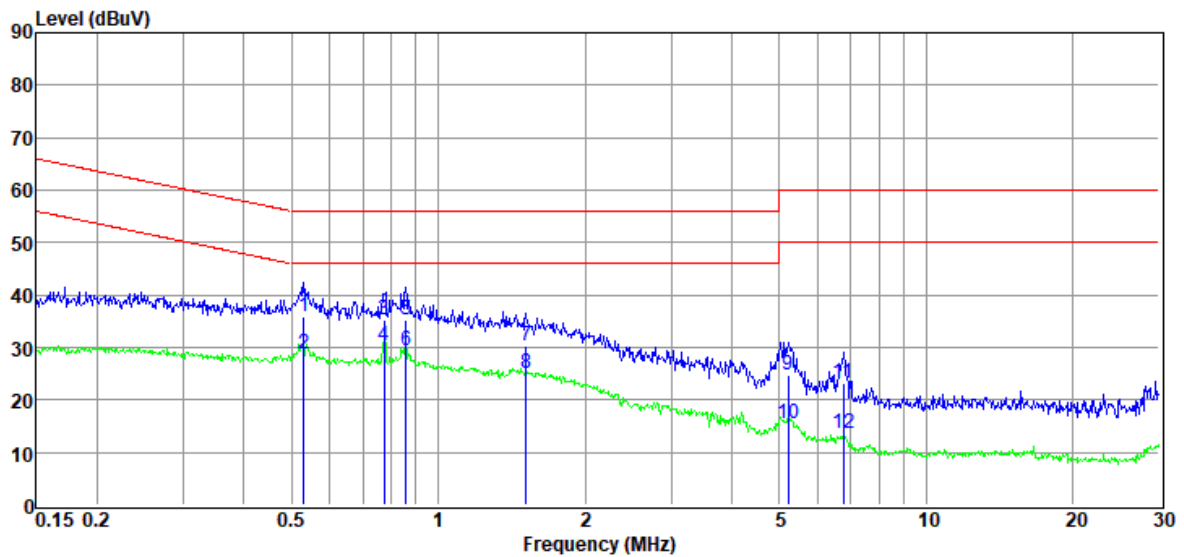


Data: 2

Item (Mark)	Freq. (MHz)	Read Level (dBμV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBμV)	Limit Line (dBμV)	Margin (dB)	Detector	Phase
1	0.52	15.61	9.49	0.10	10.33	35.53	56.00	20.47	QP	LINE
2	0.52	9.24	9.49	0.10	10.33	29.16	46.00	16.84	Average	LINE
3	0.78	15.12	9.51	0.14	10.37	35.14	56.00	20.86	QP	LINE
4	0.78	10.54	9.51	0.14	10.37	30.56	46.00	15.44	Average	LINE
5	0.85	15.79	9.51	0.15	10.38	35.83	56.00	20.17	QP	LINE
6	0.85	9.95	9.51	0.15	10.38	29.99	46.00	16.01	Average	LINE
7	5.22	4.67	9.54	0.24	10.25	24.70	60.00	35.30	QP	LINE
8	5.22	-3.25	9.54	0.24	10.25	16.78	50.00	33.22	Average	LINE
9	6.77	1.71	9.55	0.25	10.21	21.72	60.00	38.28	QP	LINE
10	6.77	-5.43	9.55	0.25	10.21	14.58	50.00	35.42	Average	LINE
11	29.22	-3.30	9.55	0.40	10.26	16.91	60.00	43.09	QP	LINE
12	29.22	-9.25	9.55	0.40	10.26	10.96	50.00	39.04	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.

Test Site : DDT 5# Shield Room **D:\2025 report data\Q25080710-4E\0912 CE.EM6**
Test Date : 2025-09-12 **Tested By** : Li Xiongbin
EUT : Dreame NAVO Care SE 1 Incam **Model Number** : A121
Power Supply : AC 120V/60Hz **Test Mode** : BLE Mode
Condition : Temp:22.3°C,Humi:51.5% **LISN** : 2025 2# 216/NEUTRAL
Memo : S25080710-008



Data: 4

Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Margin	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.53	15.99	9.48	0.10	10.33	35.90	56.00	20.10	QP	NEUTRAL
2	0.53	8.99	9.48	0.10	10.33	28.90	46.00	17.10	Average	NEUTRAL
3	0.78	15.28	9.48	0.14	10.37	35.27	56.00	20.73	QP	NEUTRAL
4	0.78	10.47	9.48	0.14	10.37	30.46	46.00	15.54	Average	NEUTRAL
5	0.86	15.37	9.48	0.15	10.38	35.38	56.00	20.62	QP	NEUTRAL
6	0.86	9.33	9.48	0.15	10.38	29.34	46.00	16.66	Average	NEUTRAL
7	1.51	10.35	9.50	0.20	10.39	30.44	56.00	25.56	QP	NEUTRAL
8	1.51	5.00	9.50	0.20	10.39	25.09	46.00	20.91	Average	NEUTRAL
9	5.22	4.85	9.54	0.24	10.25	24.88	60.00	35.12	QP	NEUTRAL
10	5.22	-4.58	9.54	0.24	10.25	15.45	50.00	34.55	Average	NEUTRAL
11	6.77	3.04	9.57	0.25	10.21	23.07	60.00	36.93	QP	NEUTRAL
12	6.77	-6.53	9.57	0.25	10.21	13.50	50.00	36.50	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.