

Prüfbericht-Nr.: Test report no.:	CN25VQVG 002	Auftrags-Nr.: Order no.:	168547063	Seite 1 von 24 Page 1 of 24
Kunden-Referenz-Nr.: Client reference no.:	N/A	Auftragsdatum: Order date:	2025-04-07	
Auftraggeber: Client:	Skinnydip Limited Unit 2, 2 Centric Close, Oval Road, London, NW1 7EP, United Kingdom			
Prüfgegenstand: Test item:	DTR KUR VSTY 3D HEADPHONE (for model: 055983-991147709-0556, 07220) DTR MICKEY MINNIE HEADPHOE (for model: 055983-991142187-0935, 72134)			
Bezeichnung / Typ-Nr.: Identification / Type no.:	055983-991147709-0556, 07220 055983-991142187-0935, 72134			
Auftrags-Inhalt: Order content:	Test Report			
Prüfgrundlage: Test specification:	CFR Title 47 FCC Part 15, Subpart C, Section 15.247			
Wareneingangsdatum: Date of sample receipt:	2025-05-12	Please refer to Photo Document		
Prüfmuster-Nr.: Test sample no.:	A003970106-001~010 A004021696-001			
Prüfzeitraum: Testing period:	2025-06-17 - 2025-06-30			
Ort der Prüfung: Place of testing:	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüflaboratorium: Testing laboratory:	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: Test result*:	Pass			
geprüft von: tested by:	genehmigt von: authorized by:			
	 Lin Lin		 Hardy Suo	
Datum: Date:	2025-08-28	Ausstellungsdatum: Issue date:	2025-08-28	
Stellung / Position:	Sachverständige(r)/Expert	Stellung / Position:	Sachverständige(r)/Expert	
Sonstiges / Other:	FCC ID: 2BFLT-72134			
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:	Prüfmuster vollständig und unbeschädigt Test item complete and undamaged			
* 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.				

Prüfbericht-Nr.: CN25VQVG 002
Test report no.:

Seite 2 von 24
Page 2 of 24

Anmerkungen
Remarks

1	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. Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden. <i>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>
2	Wie vertraglich vereinbart, wurde dieses Dokument nur digital unterzeichnet. Der TÜV Rheinland hat nicht überprüft, welche rechtlichen oder sonstigen diesbezüglichen Anforderungen für dieses Dokument gelten. Diese Überprüfung liegt in der Verantwortung des Benutzers dieses Dokuments. Auf Verlangen des Kunden kann der TÜV Rheinland die Gültigkeit der digitalen Signatur durch ein gesondertes Dokument bestätigen. Diese Anfrage ist an unseren Vertrieb zu richten. Eine Umweltgebühr für einen solchen zusätzlichen Service wird erhoben. Informationen zur Verifizierung der Authentizität unserer Dokumente erhalten Sie auf folgender Webseite: go.tuv.com/digital-signature <i>As contractually agreed, this document has been signed digitally only. TUV Rheinland has not verified and unable to verify which legal or other pertaining requirements are applicable for this document. Such verification is within the responsibility of the user of this document. Upon request by its client, TUV Rheinland can confirm the validity of the digital signature by a separate document. Such request shall be addressed to our Sales department. An environmental fee for such additional service will be charged. For information on verifying the authenticity of our documents, please visit the following website: go.tuv.com/digital-signature</i>
3	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>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.</i> <i>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i>
4	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 115:2023, 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>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 115:2023, 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>

Test Summary

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 MAXIMUM PEAK CONDUCTED OUTPUT POWER

RESULT: Pass

5.1.3 99% BANDWIDTH

RESULT: Pass

5.1.4 20dB BANDWIDTH

RESULT: Pass

5.1.5 CARRIER FREQUENCY SEPARATION

RESULT: Pass

5.1.6 NUMBER OF HOPPING FREQUENCY

RESULT: Pass

5.1.7 TIME OF OCCUPANCY

RESULT: Pass

5.1.8 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 KHz BANDWIDTH

RESULT: Pass

5.1.9 RADIATED SPURIOUS EMISSION

RESULT: Pass

5.1.10 CONDUCTED EMISSION ON AC MAINS

RESULT: Pass

Contents

1	GENERAL REMARKS	5
1.1	COMPLEMENTARY MATERIALS	5
2	TEST SITES	6
2.1	TEST FACILITIES	6
2.2	LIST OF TEST AND MEASUREMENT INSTRUMENTS.....	6
2.3	TRACEABILITY	7
2.4	CALIBRATION	7
2.5	MEASUREMENT UNCERTAINTY.....	7
2.6	LOCATION OF ORIGINAL DATA.....	8
2.7	STATUS OF FACILITY USED FOR TESTING.....	8
3	GENERAL PRODUCT INFORMATION	9
3.1	PRODUCT FUNCTION AND INTENDED USE.....	9
3.2	RATINGS AND SYSTEM DETAILS	9
3.3	INDEPENDENT OPERATION MODES	10
3.4	NOISE GENERATING AND NOISE SUPPRESSING PARTS.....	10
3.5	SUBMITTED DOCUMENTS.....	10
4	TEST SET-UP AND OPERATION MODES	11
4.1	PRINCIPLE OF CONFIGURATION SELECTION	11
4.2	TEST OPERATION AND TEST SOFTWARE.....	11
4.3	SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT	11
4.4	COUNTERMEASURES TO ACHIEVE EMC COMPLIANCE.....	11
4.5	TEST SETUP DIAGRAM	12
5	TEST RESULTS	14
5.1	TRANSMITTER REQUIREMENT & TEST SUITES	14
5.1.1	<i>Antenna Requirement</i>	<i>14</i>
5.1.2	<i>Maximum Peak Conducted Output Power</i>	<i>15</i>
5.1.3	<i>99% Bandwidth</i>	<i>16</i>
5.1.4	<i>20dB Bandwidth</i>	<i>17</i>
5.1.5	<i>Carrier Frequency Separation.....</i>	<i>18</i>
5.1.6	<i>Number of Hopping Frequency</i>	<i>19</i>
5.1.7	<i>Time of Occupancy</i>	<i>20</i>
5.1.8	<i>Conducted Spurious Emissions Measured in 100 kHz Bandwidth</i>	<i>21</i>
5.1.9	<i>Radiated Spurious Emission</i>	<i>22</i>
5.1.10	<i>Conducted Emission on AC Mains</i>	<i>23</i>
6	PHOTOGRAPHS OF THE TEST SET-UP	24
7	LIST OF TABLES.....	24

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 BR & EDR

Appendix B: Photographs of the Test Set-up

2 Test Sites

2.1 Test Facilities

TÜV Rheinland (Shenzhen) Co., Ltd.

2-3F, 101 & 102, No.2, Nuclear Power Industrial Park, Fuming Community, Fucheng Street, Longhua District, Shenzhen 518000, China

A2LA Certificate Number: 5162.01

FCC Registration No.: 694916

ISED Wireless Device Testing Laboratory: 25069

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Radio Spectrum Testing (SRD-Tonscend)					
Equipment	Manufacturer	Model	Serial No.	Cal. Date	Cal. until
EXA Signal Analyzer, Multi-touch	Keysight	N9010B	MY60241175	2024-09-26	2025-09-25
MXG X-Series RF Vector Signal Generator	Keysight	N5182B	MY61250137	2024-09-26	2025-09-25
EXG X-Series Microwave Analog Signal Generator	Keysight	N5173B	MY61250141	2024-09-26	2025-09-25
DC power supply	Keysight	E3642A	MY61276100	2024-09-26	2025-09-25
Power Control Unit	Tonscend	JS0806-4ADC	N/A	2024-09-26	2025-09-25
Automation Control Unit	Tonscend	JS0806-2	21C8060396	2024-09-26	2025-09-25
Test Software	Tonscend	JS1120-3	N/A	N/A	N/A
Control PC	Lenovo	TianYi510S-071MB	YLX23JMF	N/A	N/A
Shielding Room	Albatross	SR1	APC17151-SR1	2024-09-14	2027-09-13
Unwanted Emission Testing (TS9975)					
Equipment	Manufacturer	Model	Serial No.	Cal. Date	Cal. until
EMI Test Receiver	R&S	ESR 7	102021	2024-09-29	2025-09-28
Signal Analyzer	R&S	FSV 40	101439	2024-09-29	2025-09-28
System Controller Interface	R&S	SCI-100	S10010038	N/A	N/A
Filterbank	R&S	Wlan	100759	2024-09-29	2025-09-28
OSP	R&S	OSP 120	102040	N/A	N/A
Pre-amplifier	R&S	SCU08F1	08320031	2024-09-29	2025-09-28
Amplifier	R&S	SCU-18F	180070	2024-09-29	2025-09-28
Amplifier	R&S	SCU40A	100475	2024-09-29	2025-09-28
Trilog Broadband Antenna (30 MHz - 7 GHz)	Schwarzbeck	VULB 9162	193	2024-09-28	2025-09-27

Double-Ridged Antenna (1-18 GHz)	ETS-LINDGREN	3117	00218717	2024-09-28	2025-09-27
Wideband Ridged Horn Antenna (18-40 GHz)	Steatite	QMS-00880	19067	2024-09-28	2025-09-27
Active Loop Antenna	Schwarzbeck	FMZB 1513	302	2024-09-28	2025-09-27
Test software	R&S	EMC32 (V10.60.10)	N/A	N/A	N/A
Control PC	Dell	OptiPlex 7050	36NV9P2	N/A	N/A
3m Semi-Anechoic Chamber	Albatross	SAC-3m	APC17151-SAC	2024-09-14	2027-09-13

Conducted Emission				
Equipment	Manufacturer	Model No.	Serial No.	Cal. Until
EMI Test Receiver	R&S	ESR3	102428	2025-07-22
Artificial Mains Network	R&S	ENV432	101546	2026-02-09
Shield Cable(9k-30MHz)	N/A	N/A	N/A	2025-12-20
EMC32 Test Software	R&S	EMC32(Ver.10.50.00)	N/A	N/A

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.

Table 2: Measurement Uncertainty

Parameter	Uncertainty (k=2)
RF output power, conducted	± 0.99 dB
Occupied Channel Bandwidth	± 2.08 %
RF power density, conducted	± 0.99 dB
Unwanted Emissions, conducted	± 0.89 dB
All emissions, radiated	± 4.17 dB
Conducted Emission, (9kHz to 150kHz)/(150kHz to 30MHz)	± 3.70 dB / ± 3.30 dB

Prüfbericht - Nr.: CN25VQVG 002
*Test Report No.:*Seite 8 von 24
Page 8 of 24

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) Co., Ltd. file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

The TÜV Rheinland (Shenzhen) Co., Ltd. Test facility located at 2-3F, 101 & 102, No.2, Nuclear Power Industrial Park, Fuming Community, Fucheng Street, Longhua District, Shenzhen 518000, China 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 EUT is a wireless headphone which supports Classic Bluetooth wireless technology.

For details refer to the User Manual, Technical Description and Circuit Diagram.

3.2 Ratings and System Details

Table 3: Technical Specification of EUT

General Information of EUT	Value
Kind of Equipment:	DTR KUR VSTY 3D HEADPHONE (for model: 055983-991147709-0556, 07220) DTR MICKEY MINNIE HEADPHOE (for model: 055983-991142187-0935, 72134)
Type Designation:	055983-991147709-0556, 07220 055983-991142187-0935, 72134 Note: 055983-991147709-0556 and 07220 are identical except for the model name and label. 055983-991142187-0935 and 72134 are identical except for the model name and label. 055983-991147709-0556 and 055983-991142187-0935 are identical except for the model name, label and appearance.
FCC ID:	2BFLT-72134
Operating Voltage:	Battery operated (3.7Vdc, 300mAh) or USB operated
Operating Temperature Range:	0 °C ~ +60 °C
Technical Specification of Bluetooth BR & EDR	
Characteristic	Description
Operating Frequency:	2402 MHz to 2480 MHz
Type of Modulation:	GFSK, $\pi/4$ -DQPSK, 8DPSK
Channel Number:	79 channels
Channel Separation:	1MHz
Antenna Type:	Integral Antenna
Antenna Gain:	0 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 4: RF Channel and Frequency of Bluetooth BR & EDR

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
0	2402.00	20	2422.00	40	2442.00	60	2462.00
1	2403.00	21	2423.00	41	2443.00	61	2463.00
2	2404.00	22	2424.00	42	2444.00	62	2464.00
3	2405.00	23	2425.00	43	2445.00	63	2465.00

4	2406.00	24	2426.00	44	2446.00	64	2466.00
5	2407.00	25	2427.00	45	2447.00	65	2467.00
6	2408.00	26	2428.00	46	2448.00	66	2468.00
7	2409.00	27	2429.00	47	2449.00	67	2469.00
8	2410.00	28	2430.00	48	2450.00	68	2470.00
9	2411.00	29	2431.00	49	2451.00	69	2471.00
10	2412.00	30	2432.00	50	2452.00	70	2472.00
11	2413.00	31	2433.00	51	2453.00	71	2473.00
12	2414.00	32	2434.00	52	2454.00	72	2474.00
13	2415.00	33	2435.00	53	2455.00	73	2475.00
14	2416.00	34	2436.00	54	2456.00	74	2476.00
15	2417.00	35	2437.00	55	2457.00	75	2477.00
16	2418.00	36	2438.00	56	2458.00	76	2478.00
17	2419.00	37	2439.00	57	2459.00	77	2479.00
18	2420.00	38	2440.00	58	2460.00	78	2480.00
19	2421.00	39	2441.00	59	2461.00		

Test frequencies are lowest channel: 2402 MHz, middle channel: 2441 MHz and highest channel: 2480 MHz for Bluetooth BR & EDR

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, Bluetooth transmitting mode
 - 1) Low Channel
 - 2) Middle Channel
 - 3) High Channel
- B. On, Transmitting on Hopping channel
- C. On, Normal operation + Charging
- D. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

- Application Form
- User Manual
- Operation Description
- ID Label and Location Info

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 tests were performed according to the procedures in ANSI C63.10:2020.

According to clause 3.1, all tests were performed on model 055983-991142187-0935 in this report.

4.3 Special Accessories and Auxiliary Equipment

Table 5: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	Remark
Laptop	Lenovo	T480	PF-16A6N8

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 1GHz)

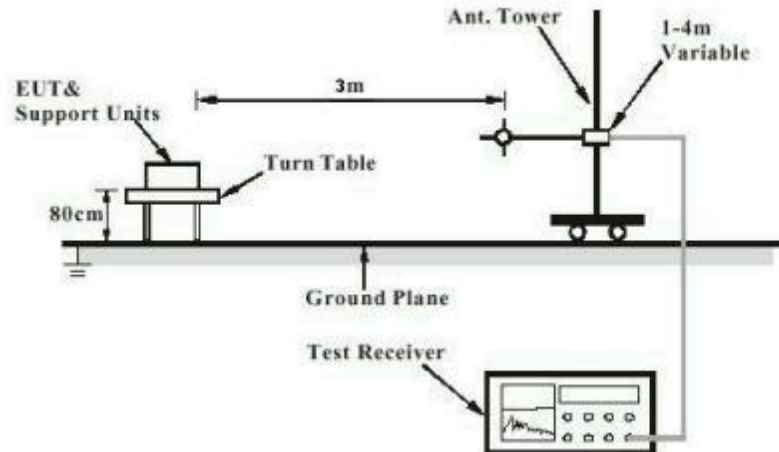


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)

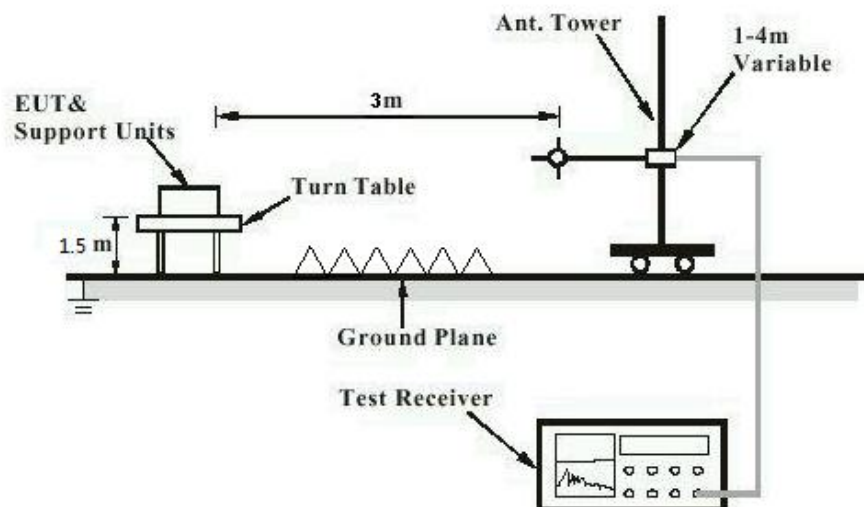


Diagram of Measurement Configuration for Mains Conduction Measurement

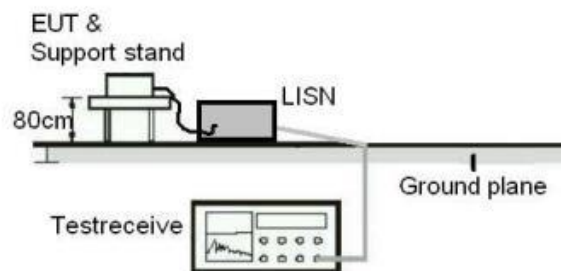
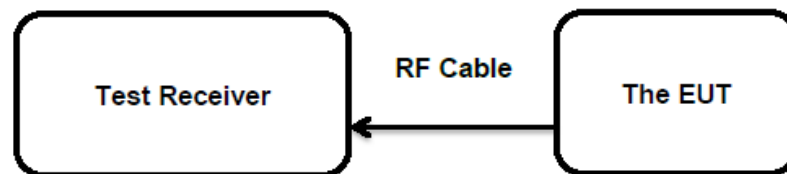


Diagram of Measurement Configuration for Conducted Transmitter Measurement



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

According to the manufacturer declared, the EUT has an Integral antenna, permanent attachment and no consideration of replacement, refer to section 3.2 for details.

Therefore the EUT is considered sufficient to comply with the provision.

Refer to EUT Photo for further details.

Prüfbericht - Nr.: CN25VQVG 002
Test Report No.:

Seite 15 von 24
Page 15 of 24

5.1.2 Maximum Peak Conducted Output Power

RESULT:
Pass
Test Specification

Test standard : FCC Part 15.247(b)(1)
 Basic standard : ANSI C63.10:2020
 Limits : FHSS < 0.125 Watts
 Kind of test site : Shielded Room

Test Setup

Date of testing : 2025-06-17 to 2025-06-19
 Input voltage : Battery operated (3.7Vdc)
 Operation mode : A
 Ambient temperature : 24.8 °C
 Relative humidity : 55 %
 Atmospheric pressure : 101 kPa

For details refer to following test result.

Table 6: Test Result of Maximum Peak Conducted Output Power, Bluetooth BR & EDR

Test Mode	Test Channel (MHz)	Measured Peak Power		Limit (W)
		(dBm)	(W)	
GFSK (BR)	2402.0	-2.64	0.0005	< 0.125
	2441.0	-2.45	0.0006	
	2480.0	-2.44	0.0006	
Maximum Measured Value		-2.44	0.0006	

Test Mode	Test Channel (MHz)	Measured Peak Power		Limit (W)
		(dBm)	(W)	
8DPSK (EDR)	2402.0	-1.60	0.0007	< 0.125
	2441.0	-1.54	0.0007	
	2480.0	-1.75	0.0007	
Maximum Measured Value		-1.54	0.0007	

Note:

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G): 0 dBi
e.i.r.p.=P_(Peak power)+ G, which is far below the 4 W

Prüfbericht - Nr.: CN25VQVG 002
Test Report No.:

Seite 16 von 24
Page 16 of 24

5.1.3 99% Bandwidth

RESULT:

Pass

Test Specification

Test standard : FCC Part 15.247(a)
Basic standard : ANSI C63.10:2020
Kind of test site : Shielded Room

Test Setup

Date of testing : 2025-06-17 to 2025-06-19
Input voltage : Battery operated (3.7Vdc)
Operation mode : A
Test channel : Low / Middle / High
Ambient temperature : 24.8 °C
Relative humidity : 55 %
Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix A.

Prüfbericht - Nr.: CN25VQVG 002
Test Report No.:

Seite 17 von 24
Page 17 of 24

5.1.4 20dB Bandwidth

RESULT:

Pass

Test Specification

Test standard : FCC Part 15.247(a)(1)
Basic standard : ANSI C63.10:2020
Kind of test site : Shielded Room

Test Setup

Date of testing : 2025-06-17 to 2025-06-19
Input voltage : Battery operated (3.7Vdc)
Operation mode : A
Test channel : Low / Middle / High
Ambient temperature : 24.8 °C
Relative humidity : 55 %
Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix A.

Prüfbericht - Nr.: CN25VQVG 002
Test Report No.:Seite 18 von 24
Page 18 of 24

5.1.5 Carrier Frequency Separation

RESULT:

Pass

Test Specification

Test standard	: FCC Part 15.247(a)(1)
Basic standard	: ANSI C63.10:2020
Limits	: $\geq 25\text{kHz}$ or 2/3 of 20dB bandwidth, whichever is greater
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2025-06-17 to 2025-06-19
Input voltage	: Battery operated (3.7Vdc)
Operation mode	: B
Test channel	: Low / Middle / High
Ambient temperature	: 24.8 °C
Relative humidity	: 55 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A.

Prüfbericht - Nr.: CN25VQVG 002
Test Report No.:

Seite 19 von 24
Page 19 of 24

5.1.6 Number of Hopping Frequency

RESULT:

Pass

Test Specification

Test standard	: FCC part 15.247(a)(1)(iii)
Basic standard	: ANSI C63.10:2020
Limits	: ≥ 15 non-overlapping channels
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2025-06-17 to 2025-06-19
Input voltage	: Battery operated (3.7Vdc)
Operation mode	: B
Ambient temperature	: 24.8 °C
Relative humidity	: 55 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A.

Prüfbericht - Nr.: CN25VQVG 002
Test Report No.:

Seite 20 von 24
Page 20 of 24

5.1.7 Time of Occupancy

RESULT:

Pass

Test Specification

Test standard	: FCC part 15.247(a)(1)(iii)
Basic standard	: ANSI C63.10:2020
Limits	: < 0.4s
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2025-06-17 to 2025-06-19
Input voltage	: Battery operated (3.7Vdc)
Operation mode	: B
Ambient temperature	: 24.8 °C
Relative humidity	: 55 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A.

Prüfbericht - Nr.: CN25VQVG 002
Test Report No.:Seite 21 von 24
Page 21 of 24

5.1.8 Conducted Spurious Emissions Measured in 100 kHz Bandwidth

RESULT:

Pass

Test Specification

Test standard	: FCC Part 15.247(d)
Basic standard	: ANSI C63.10:2020
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	: 2025-06-17 to 2025-06-19
Input voltage	: Battery operated (3.7Vdc)
Operation mode	: A, B
Test channel	: Low / Middle / High
Ambient temperature	: 24.8 °C
Relative humidity	: 55 %
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.: CN25VQVG 002
Test Report No.:Seite 22 von 24
Page 22 of 24

5.1.9 Radiated Spurious Emission

RESULT:**Pass****Test Specification**

Test standard	: FCC Part 15.247(d) & FCC Part 15.205
Basic standard	: ANSI C63.10:2020
Limits	: Refer to 15.209(a) of FCC part 15.247(d)
Kind of test site	: 3m Semi-anechoic Chamber

Test Setup

Date of testing	: 2025-06-17 to 2025-06-20
Input voltage	: Battery operated (3.7Vdc)
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.: **CN25VQVG 002**
Test Report No.:Seite 23 von 24
Page 23 of 24**5.1.10 Conducted Emission on AC Mains****RESULT:****Pass****Test Specification**

Test standard	: FCC Part 15.207(a)
Basic standard	: ANSI C63.10:2020
Frequency range	: 0.15 – 30MHz
Classification	: Class B
Limits	: FCC Part 15.207(a)
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2025-06-30
Input voltage	: AC 120V, 60Hz
Operation mode	: C
Ambient temperature	: 24.5 °C
Relative humidity	: 52.3 %
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 B.

7 List of Tables

Table 1: List of Test and Measurement Equipment.....	6
Table 2: Measurement Uncertainty.....	7
Table 3: Technical Specification of EUT	9
Table 4: RF Channel and Frequency of Bluetooth BR & EDR	9
Table 5: List of Accessories and Auxiliary Equipment.....	11
Table 6: Test Result of Maximum Peak Conducted Output Power, Bluetooth BR & EDR	15

Appendix A: Test Results of Bluetooth BR & EDR

APPENDIX A: TEST RESULTS OF BLUETOOTH BR & EDR	1
APPENDIX A.1: TEST RESULTS OF 20DB BANDWIDTH	2
Test Result.....	2
Test Graphs.....	3
APPENDIX A.2: TEST RESULTS OF 99% BANDWIDTH.....	6
Test Result.....	6
Test Graphs.....	7
APPENDIX A.3: TEST RESULTS OF CARRIER FREQUENCY SEPARATION	10
Test Result.....	10
Test Graphs.....	11
APPENDIX A.4: TEST RESULTS OF TIME OF OCCUPANCY.....	12
Test Result.....	12
Test Graphs.....	13
APPENDIX A.5: TEST RESULTS OF NUMBER OF HOPPING FREQUENCY	18
Test Result.....	18
Test Graphs.....	19
APPENDIX A.6: TEST RESULTS OF BAND EDGE MEASUREMENTS	20
Test Result.....	20
Test Graphs.....	21
APPENDIX A.7: TEST RESULTS OF CONDUCTED SPURIOUS EMISSION.....	25
Test Result.....	25
Test Graphs.....	26
APPENDIX A.8: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS	33
30 MHz - 1GHz	33
1GHz - 18GHz.....	35
APPENDIX A.9: TEST RESULTS OF RADIATED EMISSIONS IN RESTRICTED BANDS.....	47
APPENDIX A.10: TEST RESULTS OF CONDUCTED EMISSION ON AC MAINS.....	51

Appendix A.1: Test Results of 20dB Bandwidth

Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.939	2401.529	2402.468	---	PASS
		2441	0.894	2440.529	2441.423	---	PASS
		2480	0.936	2479.529	2480.465	---	PASS
3DH5	Ant1	2402	1.260	2401.346	2402.606	---	PASS
		2441	1.266	2440.340	2441.606	---	PASS
		2480	1.263	2479.343	2480.606	---	PASS

Two screenshots of a Spectrum Analyzer interface showing the frequency spectrum for DH5 Ant1 at 2402 MHz and 2441 MHz.

Top Screenshot: DH5 Ant1 2402

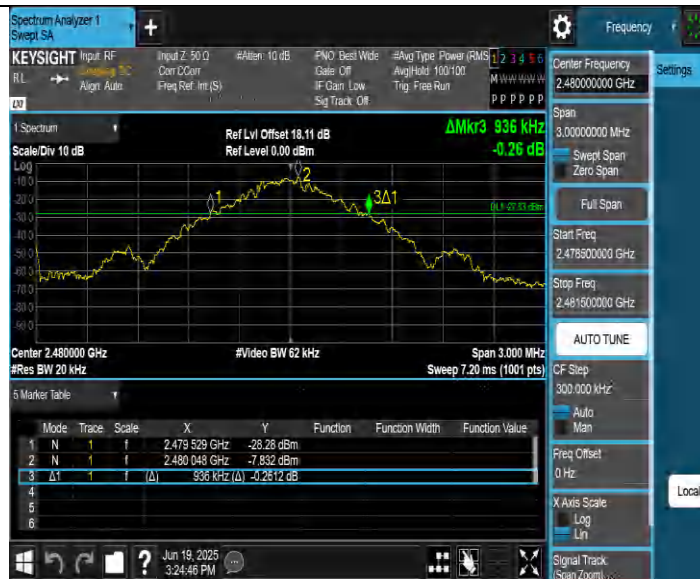
The Spectrum Analyzer displays the frequency spectrum for DH5 Ant1 at 2402 MHz. The center frequency is 2.402000 GHz, and the span is 3.000 MHz. The resolution bandwidth (Res BW) is 20 kHz, and the video bandwidth (Video BW) is 62 kHz. The sweep rate is 7.20 ms (1001 pts). The reference level offset is 18.18 dB, and the reference level is 0.00 dBm. The signal level is 3.939 kHz (Δ) at -28.42 dBm. The signal-to-noise ratio (SNR) is 3.0380 dB. The marker table shows the following data:

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	2.401529 GHz	-28.42 dBm			
2	N	1	2.402045 GHz	-7.869 dBm			
3	Δ1	1	(Δ)	3.939 kHz (Δ)	0.3080 dB		

Bottom Screenshot: DH5 Ant1 2441

The Spectrum Analyzer displays the frequency spectrum for DH5 Ant1 at 2441 MHz. The center frequency is 2.441000 GHz, and the span is 3.000 MHz. The resolution bandwidth (Res BW) is 20 kHz, and the video bandwidth (Video BW) is 62 kHz. The sweep rate is 7.20 ms (1001 pts). The reference level offset is 18.08 dB, and the reference level is 0.00 dBm. The signal level is 3.894 kHz (Δ) at -29.25 dBm. The signal-to-noise ratio (SNR) is 1.273 dB. The marker table shows the following data:

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	2.440529 GHz	-29.25 dBm			
2	N	1	2.440565 GHz	-7.346 dBm			
3	Δ1	1	(Δ)	3.894 kHz (Δ)	1.273 dB		



3DH5 Ant1 2402



3DH5 Ant1 2441



3DH5 Ant1 2480

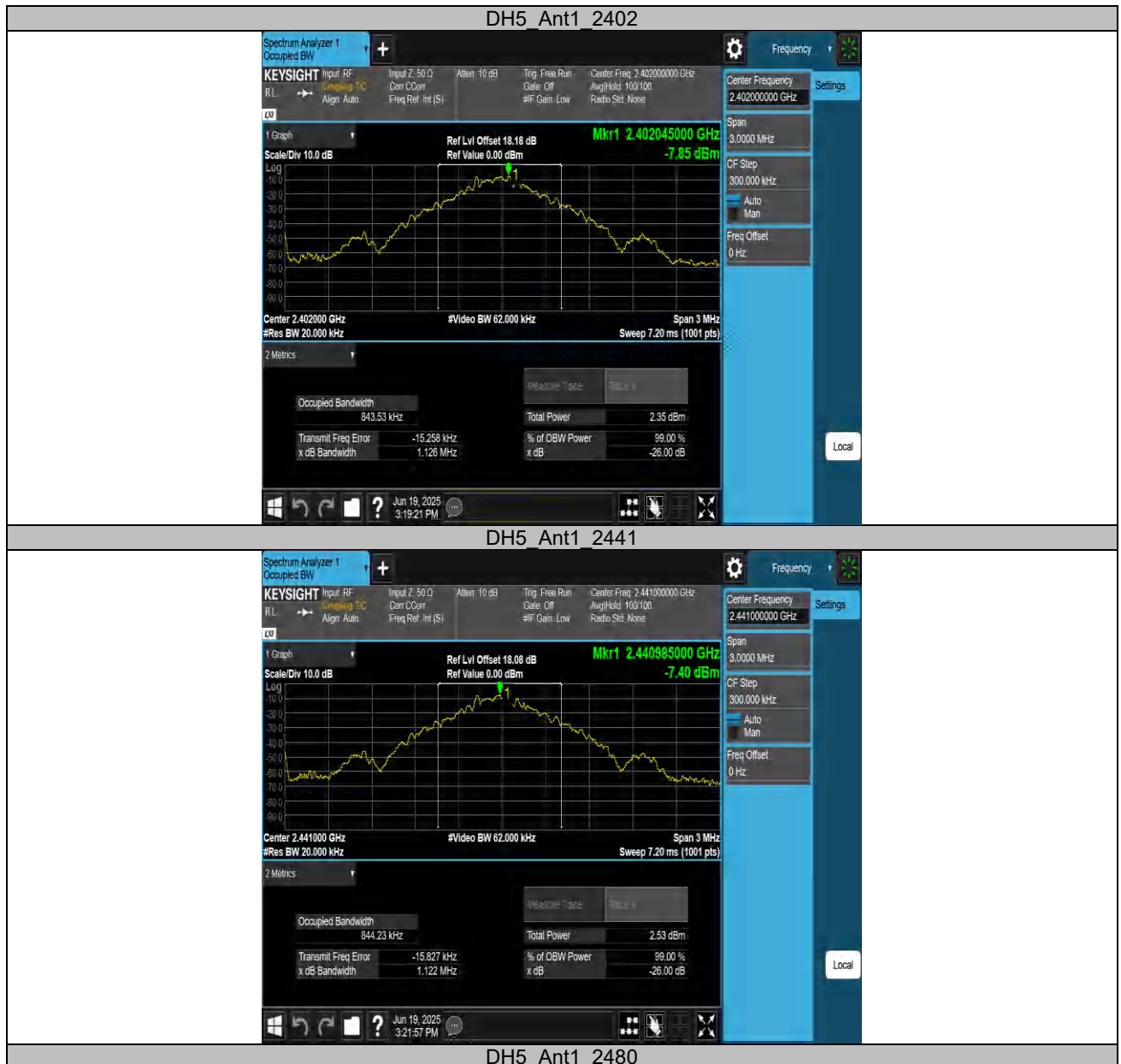


Appendix A.2: Test Results of 99% Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.84353	2401.5630	2402.4065	---	PASS
		2441	0.84423	2440.5621	2441.4063	---	PASS
		2480	0.84824	2479.5592	2480.4074	---	PASS
3DH5	Ant1	2402	1.1925	2401.3845	2402.5770	---	PASS
		2441	1.1909	2440.3867	2441.5776	---	PASS
		2480	1.1910	2479.3861	2480.5771	---	PASS

Test Graphs





3DH5 Ant1 2402



3DH5 Ant1 2441



3DH5 Ant1 2480



Appendix A.3: Test Results of Carrier Frequency Separation

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.972	≥0.939	PASS
3DH5	Ant1	Hop	1.156	≥0.844	PASS

Test Graphs



Appendix A.4: Test Results of Time of Occupancy

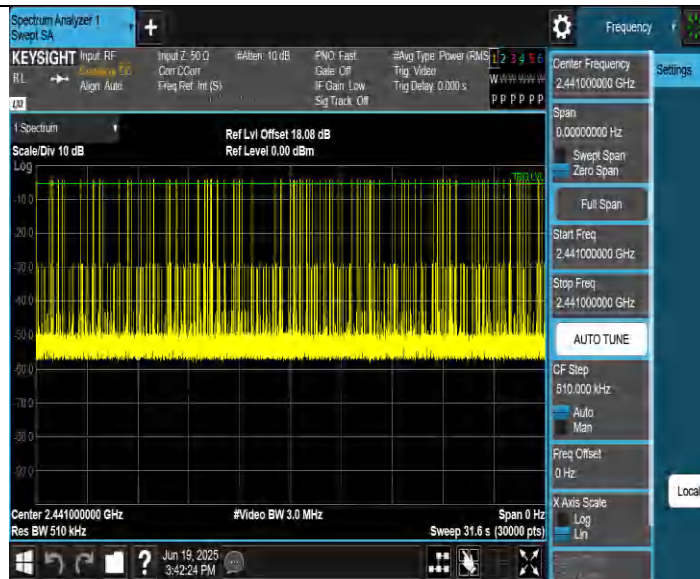
Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.375	318	0.119	≤0.4	PASS
DH3	Ant1	Hop	1.631	163	0.266	≤0.4	PASS
DH5	Ant1	Hop	2.879	110	0.317	≤0.4	PASS
3DH1	Ant1	Hop	0.385	319	0.123	≤0.4	PASS
3DH3	Ant1	Hop	1.635	165	0.27	≤0.4	PASS
3DH5	Ant1	Hop	2.887	107	0.309	≤0.4	PASS

Test Graphs



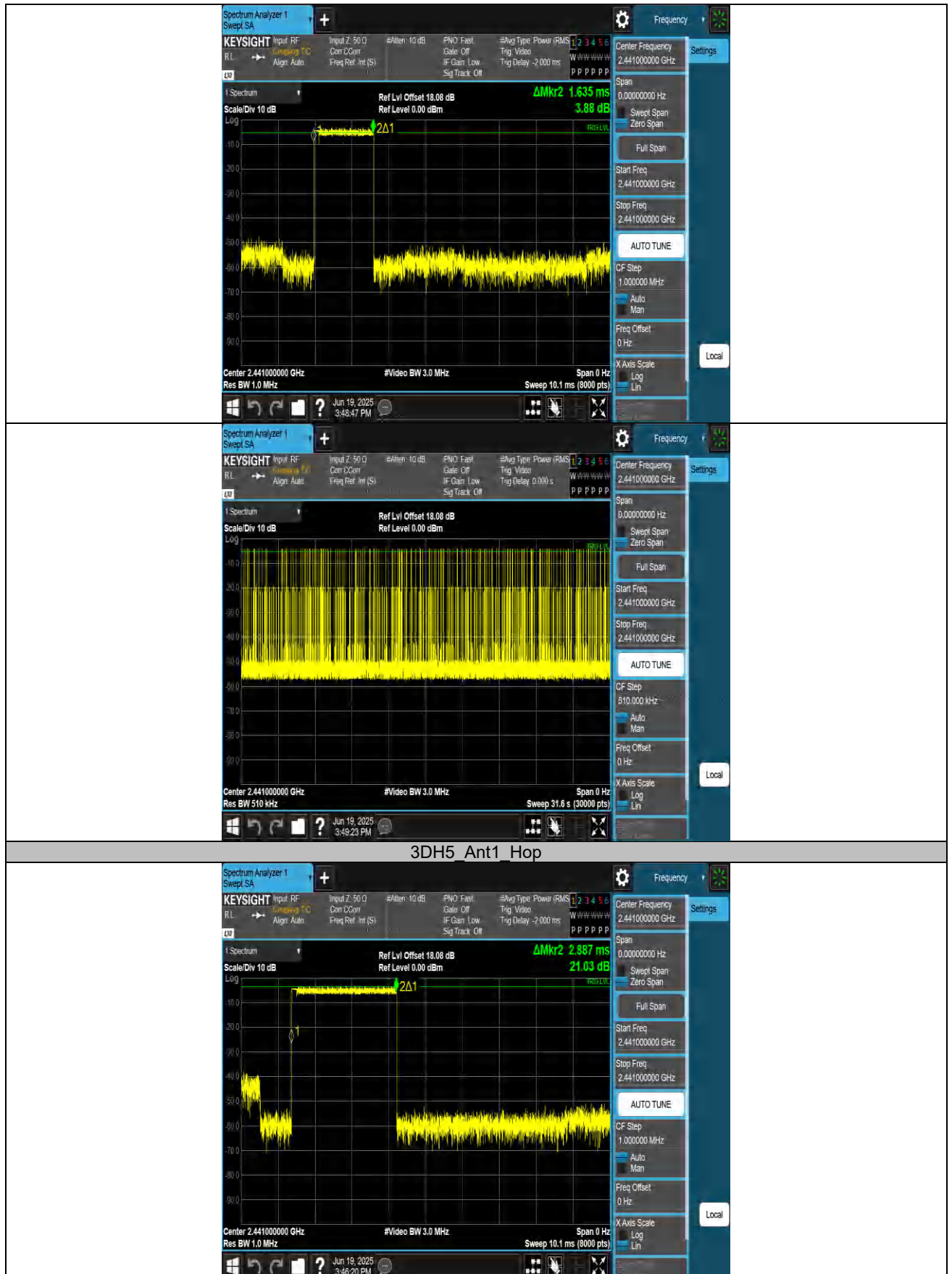


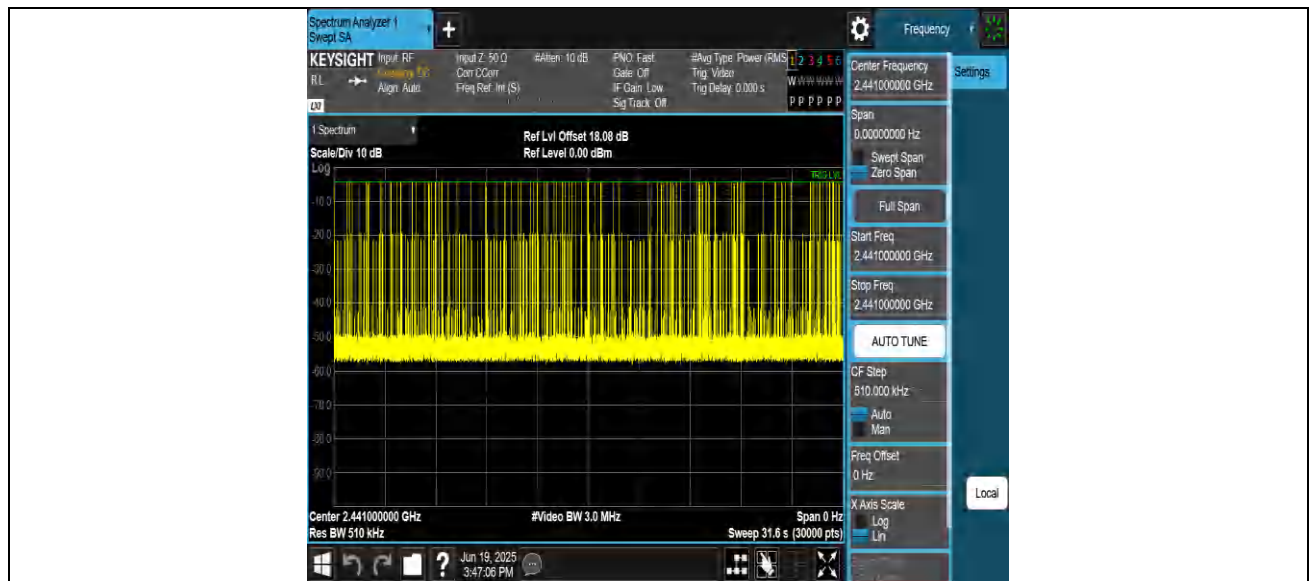


3DH1 Ant1 Hop



3DH3 Ant1 Hop





Appendix A.5: Test Results of Number of Hopping Frequency

Test Result

TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

Test Graphs



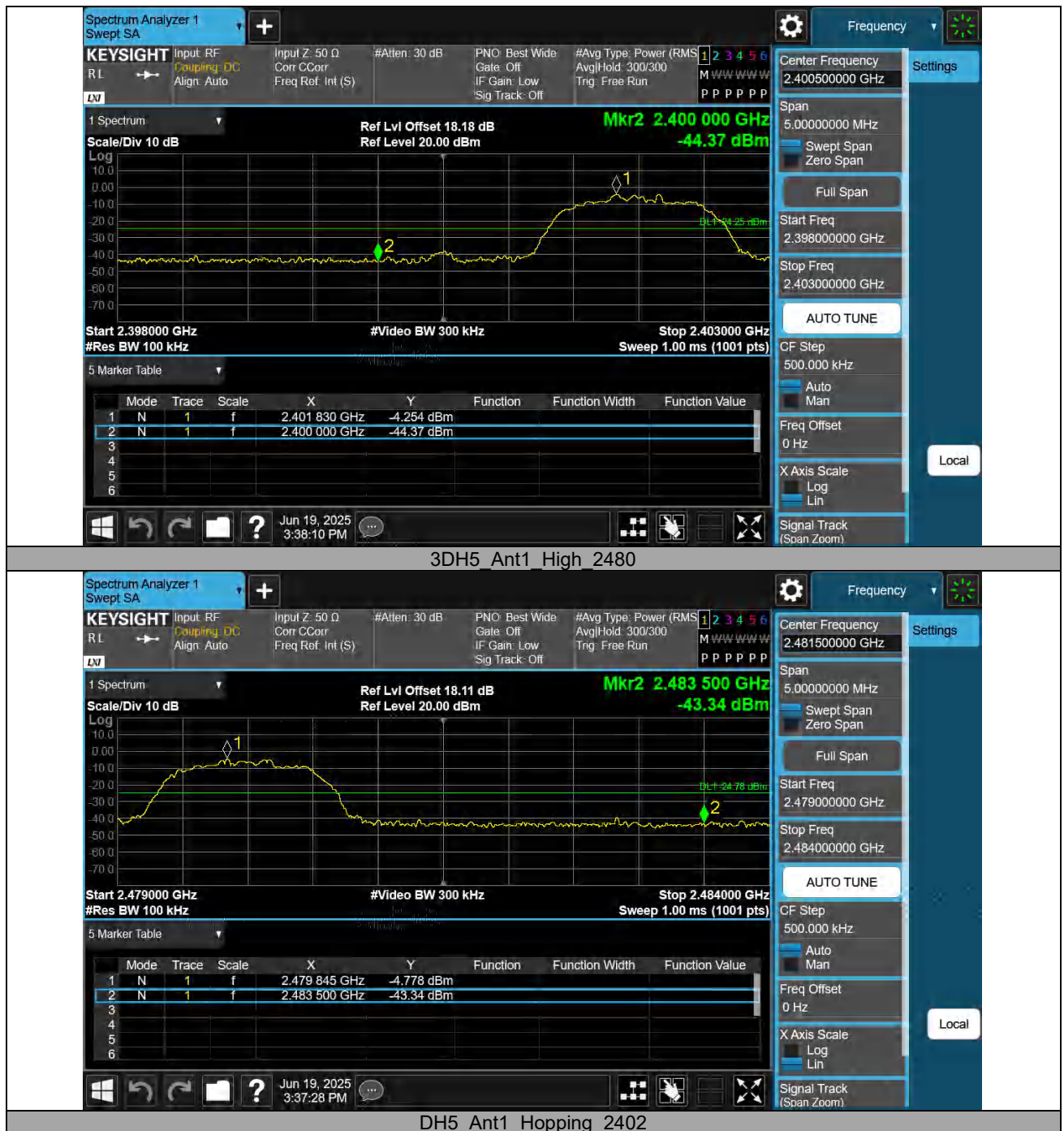
Appendix A.6: Test Results of Band Edge Measurements

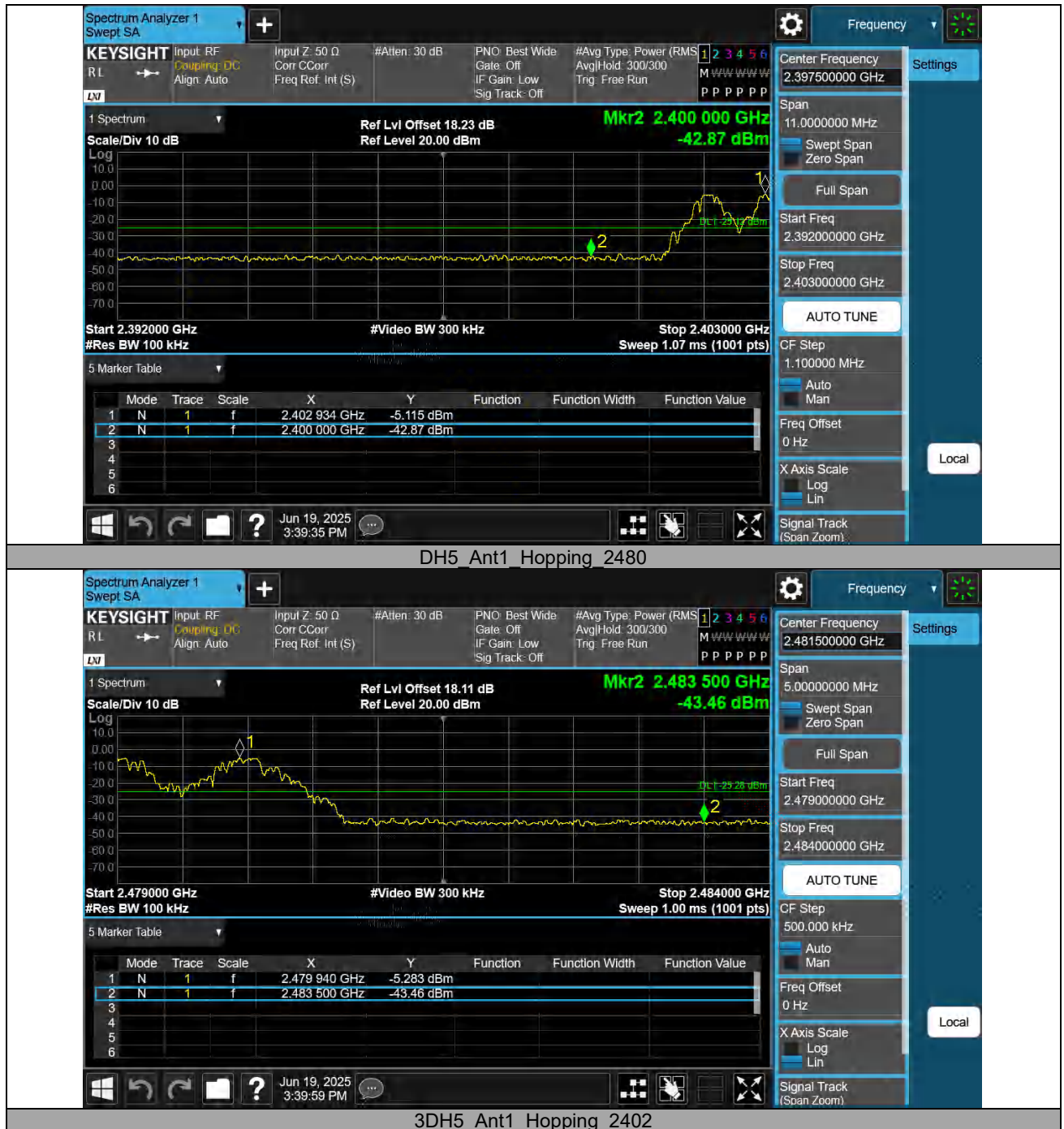
Test Result

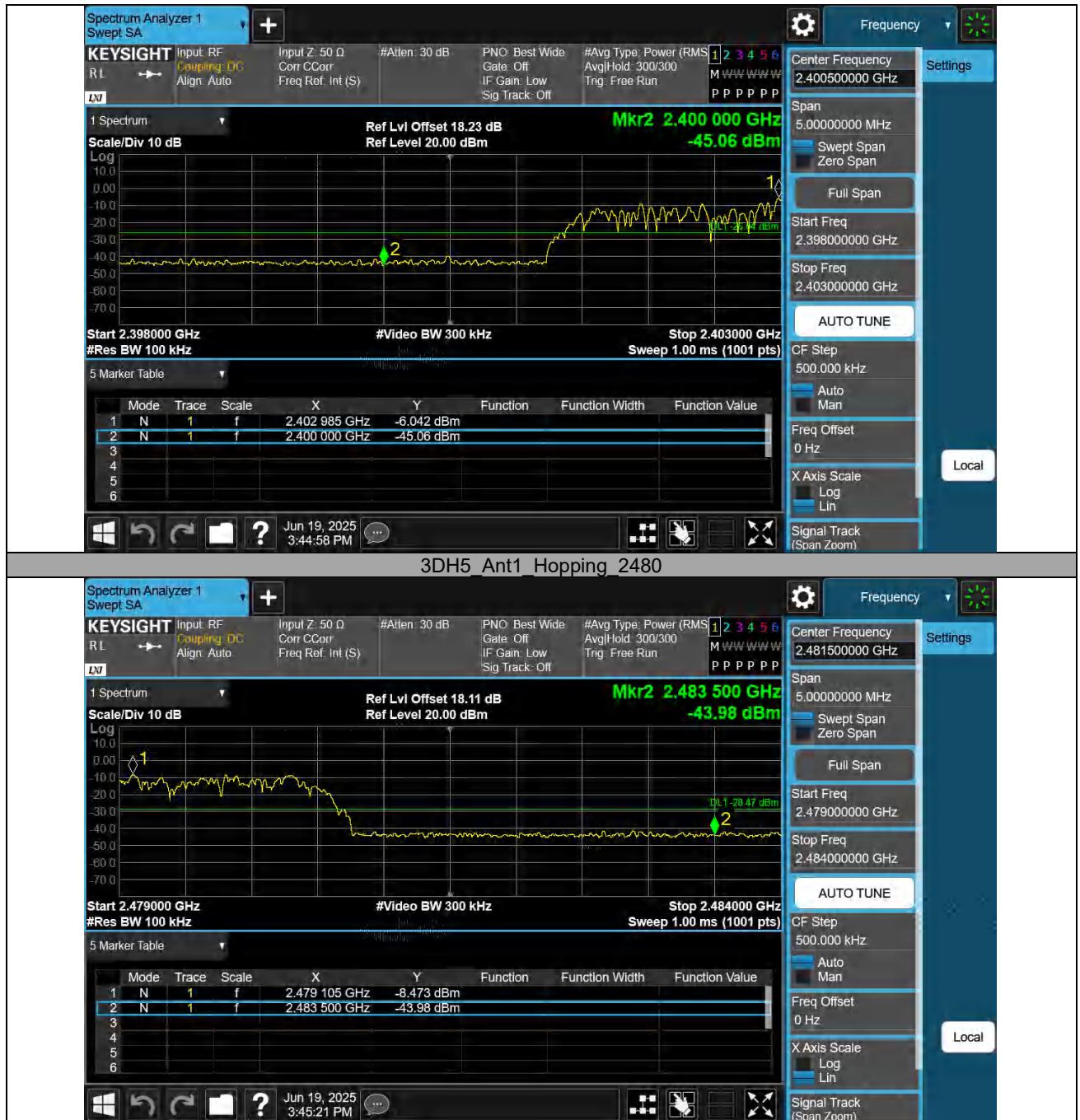
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-4.31	-42.64	≤-24.31	PASS
		High	2480	-4.66	-43.37	≤-24.66	PASS
3DH5	Ant1	Low	2402	-4.25	-44.37	≤-24.25	PASS
		High	2480	-4.78	-43.34	≤-24.78	PASS
DH5	Ant1	Hopping	2402	-5.12	-42.87	≤-25.12	PASS
		Hopping	2480	-5.28	-43.46	≤-25.28	PASS
3DH5	Ant1	Hopping	2402	-6.04	-45.06	≤-26.04	PASS
		Hopping	2480	-8.47	-43.98	≤-28.47	PASS

Test Graphs







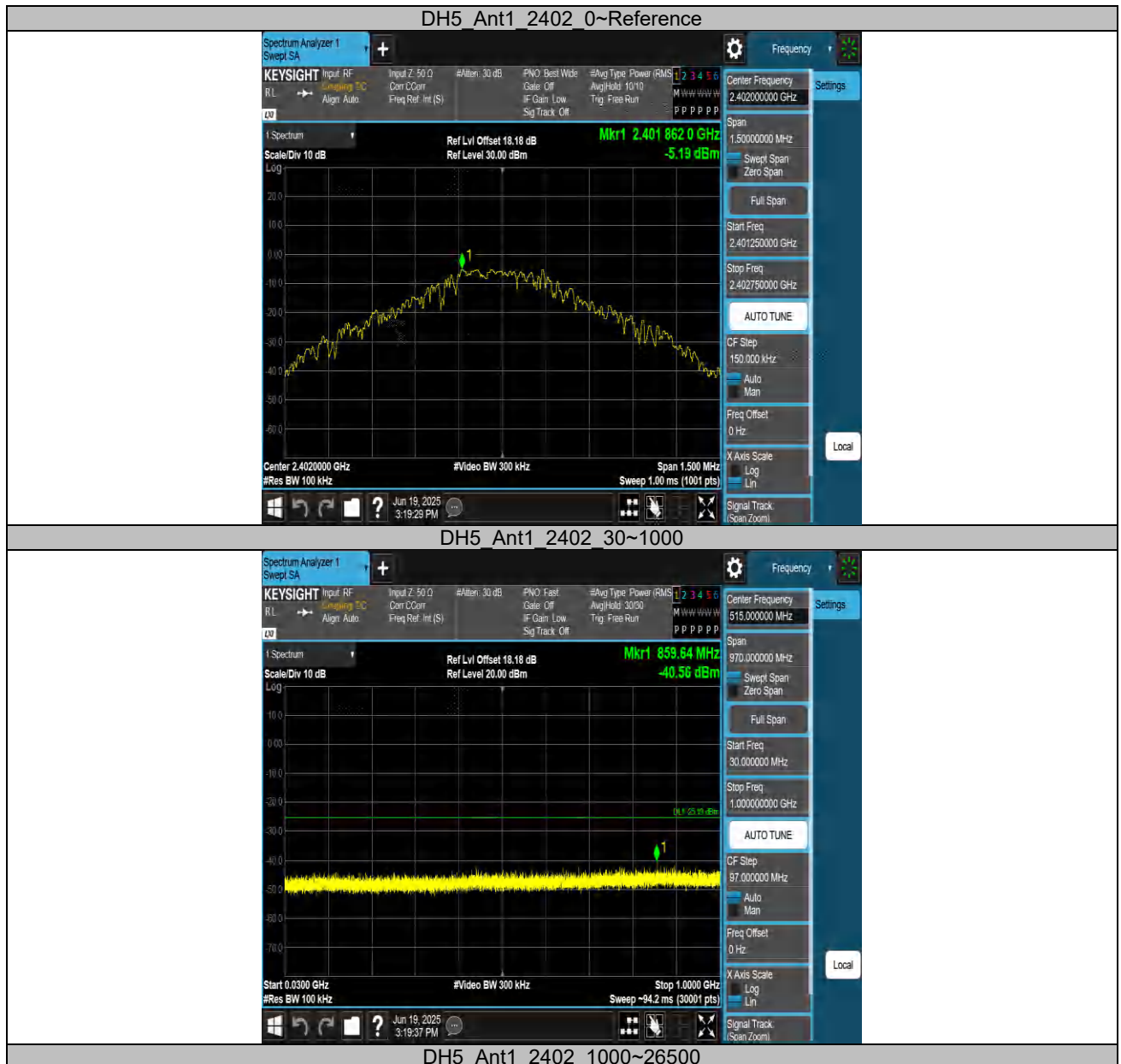


Appendix A.7: Test Results of Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-5.19	-5.19	---	PASS
			30~1000	-5.19	-40.56	≤-25.19	PASS
			1000~26500	-5.19	-33.08	≤-25.19	PASS
		2441	Reference	-4.35	-4.35	---	PASS
			30~1000	-4.35	-35.83	≤-24.35	PASS
			1000~26500	-4.35	-32.85	≤-24.35	PASS
		2480	Reference	-5.22	-5.22	---	PASS
			30~1000	-5.22	-42.09	≤-25.22	PASS
			1000~26500	-5.22	-32.83	≤-25.22	PASS
3DH5	Ant1	2402	Reference	-7.52	-7.52	---	PASS
			30~1000	-7.52	-42	≤-27.52	PASS
			1000~26500	-7.52	-32.74	≤-27.52	PASS
		2441	Reference	-7.98	-7.98	---	PASS
			30~1000	-7.98	-41.46	≤-27.98	PASS
			1000~26500	-7.98	-32.66	≤-27.98	PASS
		2480	Reference	-6.51	-6.51	---	PASS
			30~1000	-6.51	-41.49	≤-26.51	PASS
			1000~26500	-6.51	-32.31	≤-26.51	PASS

Test Graphs





DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000



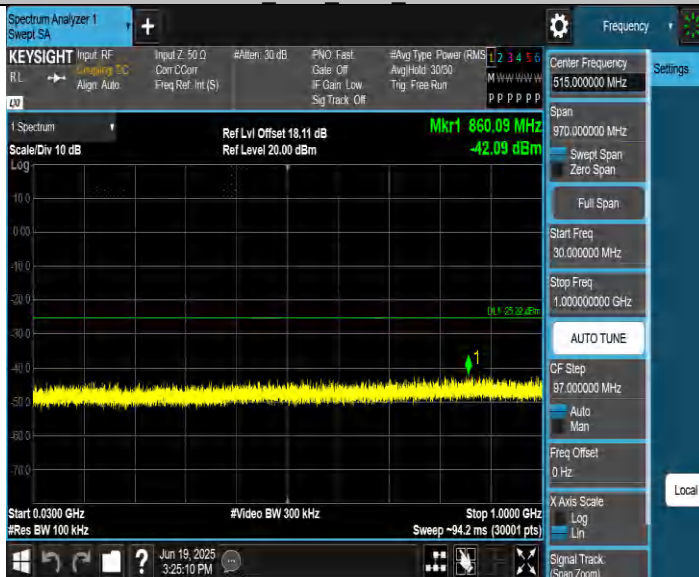
DH5_Ant1_2441_1000~26500



DH5 Ant1 2480 0~Reference



DH5 Ant1 2480 30~1000



DH5 Ant1 2480 1000~26500





3DH5_Ant1_2441_0~Reference



3DH5_Ant1_2441_30~1000



3DH5_Ant1_2441_1000~26500





Appendix A.8: Test Results of Radiated Spurious Emissions

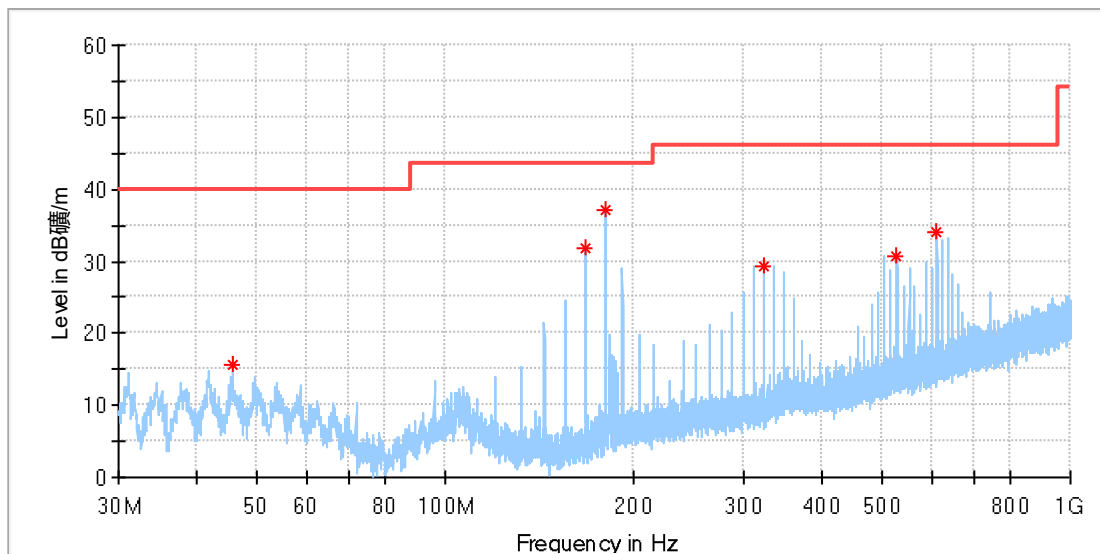
Note:

- 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

EUT Information

EUT Name:	DTR MICKEY MINNIE HEADPHOE
Model:	055983-991142187-0935
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168547063/A004021696-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

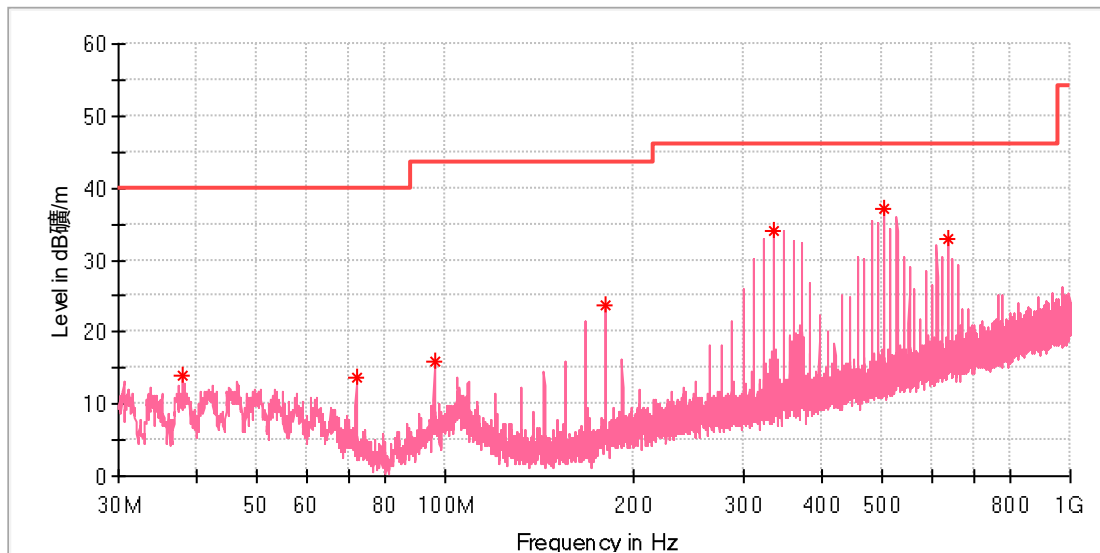
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.781154	15.68	40.00	24.32	100.0	H	32.0	-18.8
168.001154	31.69	43.50	11.81	100.0	H	167.0	-21.4
180.014231	37.13	43.50	6.37	100.0	H	176.0	-20.6
324.021923	29.38	46.00	16.62	100.0	H	7.0	-15.5
528.020385	30.76	46.00	15.24	100.0	H	176.0	-11.3
612.000000	34.12	46.00	11.88	100.0	H	2.0	-9.4

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	DTR MICKEY MINNIE HEADPHOE
Model:	055983-991142187-0935
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168547063/A004021696-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
37.983846	14.07	40.00	25.93	100.0	V	31.0	-20.8
72.008462	13.61	40.00	26.39	100.0	V	150.0	-22.6
95.997308	15.93	43.50	27.57	100.0	V	275.0	-19.7
180.014231	23.81	43.50	19.69	100.0	V	111.0	-20.6
335.997692	34.03	46.00	11.97	100.0	V	333.0	-15.1
504.031539	37.22	46.00	8.78	100.0	V	180.0	-11.8
636.026154	32.96	46.00	13.04	100.0	V	180.0	-9.1

Final Result

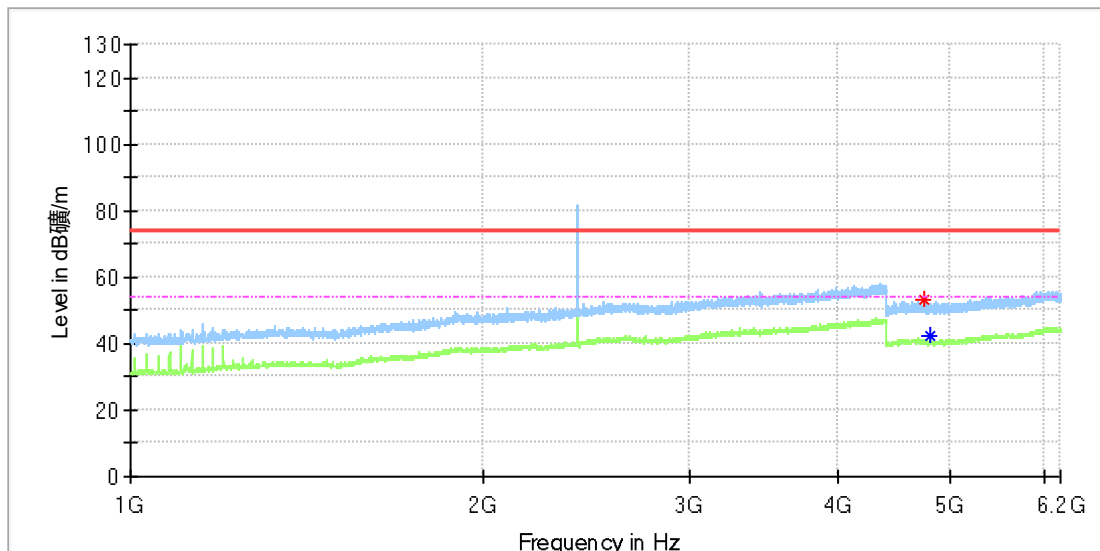
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

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

EUT Information

EUT Name:	DTR MICKEY MINNIE HEADPHOE
Model:	055983-991142187-0935
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168547063/A004021696-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

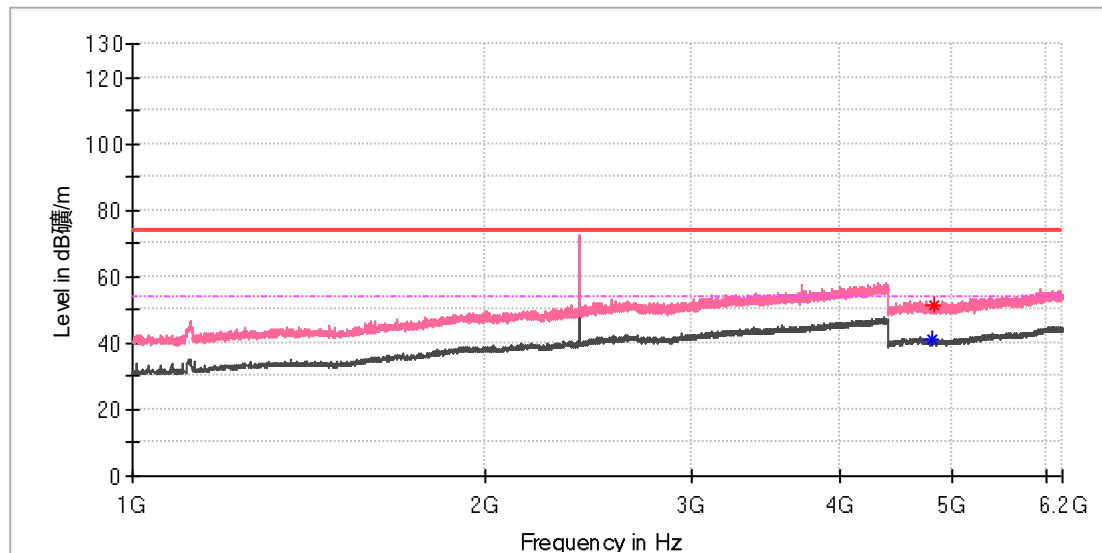
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4751.500000	53.06	---	74.00	20.94	150.0	H	162.0	13.3
4801.000000	---	42.11	54.00	11.89	150.0	H	268.0	13.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	DTR MICKEY MINNIE HEADPHOE
Model:	055983-991142187-0935
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168547063/A004021696-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

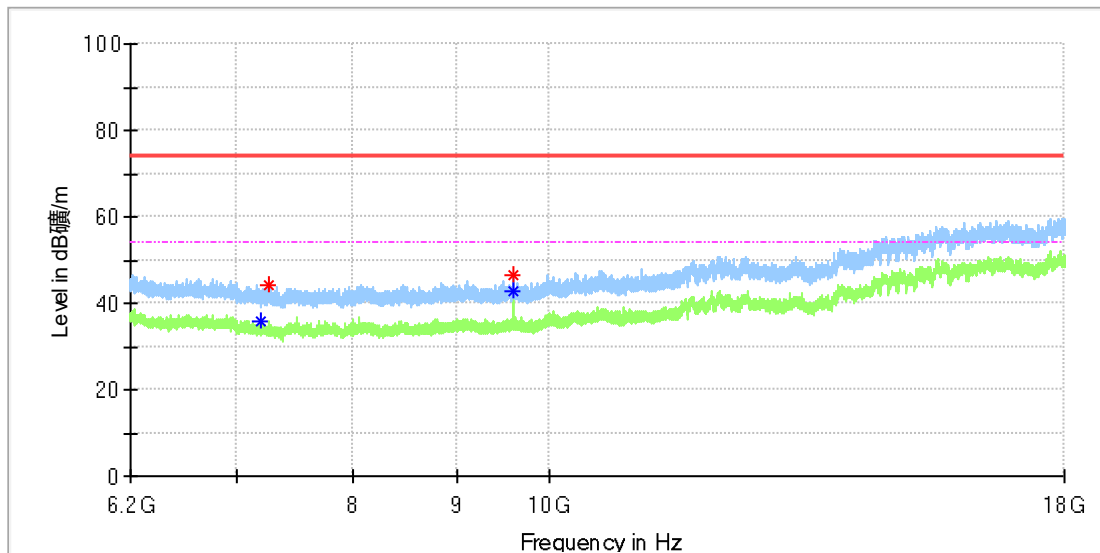
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4801.000000	---	41.03	54.00	12.97	150.0	V	283.0	13.3
4812.000000	51.55	---	74.00	22.45	150.0	V	168.0	13.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
----	----	----	----	----	----		----	----

EUT Information

EUT Name:	DTR MICKEY MINNIE HEADPHOE
Model:	055983-991142187-0935
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168547063/A004021696-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

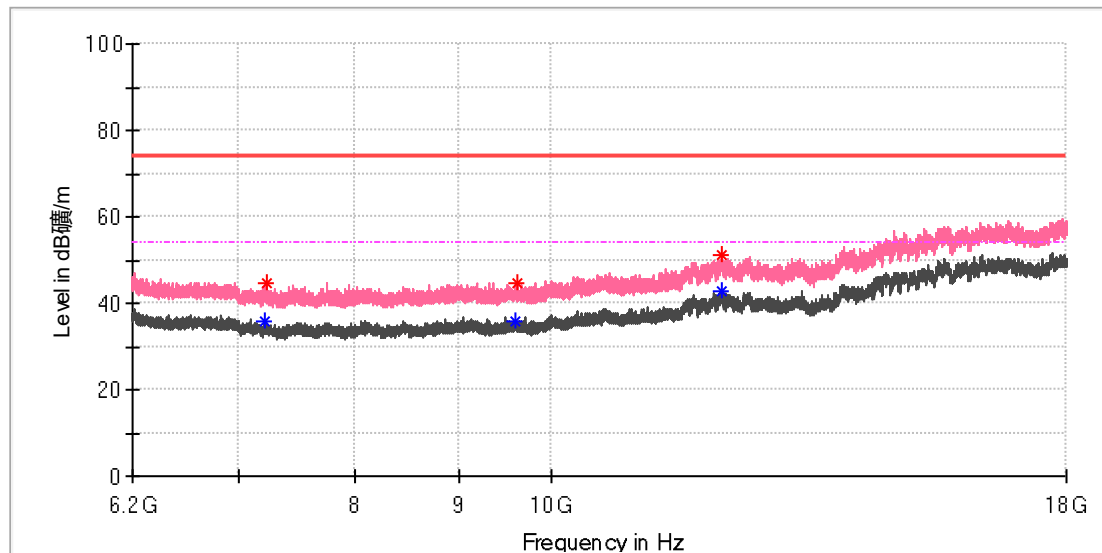
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7199.558333	---	36.04	54.00	17.96	150.0	H	351.0	8.8
7266.425000	44.26	---	74.00	29.74	150.0	H	64.0	8.5
9601.841667	46.67	---	74.00	27.33	150.0	H	276.0	10.4
9601.841667	---	43.01	54.00	10.99	150.0	H	276.0	10.4

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
----	----	----	----	----	----		----	----

EUT Information

EUT Name:	DTR MICKEY MINNIE HEADPHOE
Model:	055983-991142187-0935
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168547063/A004021696-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

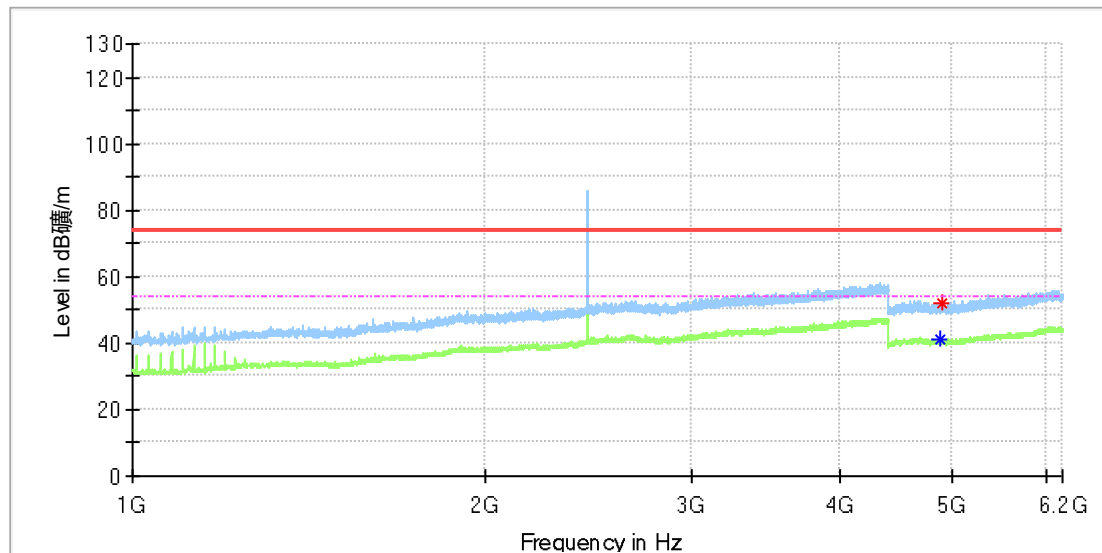
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7207.425000	---	35.85	54.00	18.15	150.0	V	0.0	8.8
7220.700000	44.51	---	74.00	29.49	150.0	V	259.0	8.7
9586.108333	---	35.81	54.00	18.19	150.0	V	191.0	10.3
9608.233333	44.44	---	74.00	29.56	150.0	V	3.0	10.4
12150.150000	---	42.66	54.00	11.34	150.0	V	125.0	16.7
12150.641667	51.32	---	74.00	22.68	150.0	V	169.0	16.7

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	DTR MICKEY MINNIE HEADPHOE
Model:	055983-991142187-0935
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168547063/A004021696-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

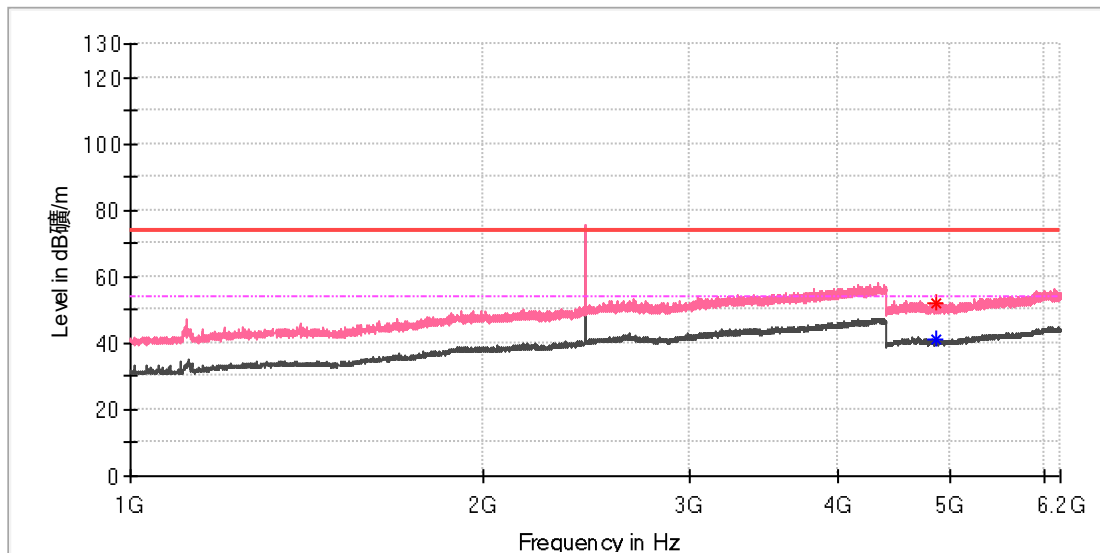
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4878.500000	---	40.95	54.00	13.05	150.0	H	250.0	13.3
4898.500000	52.29	---	74.00	21.71	150.0	H	1.0	13.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
----	----	----	----	----	----		----	----

EUT Information

EUT Name:	DTR MICKEY MINNIE HEADPHOE
Model:	055983-991142187-0935
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168547063/A004021696-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

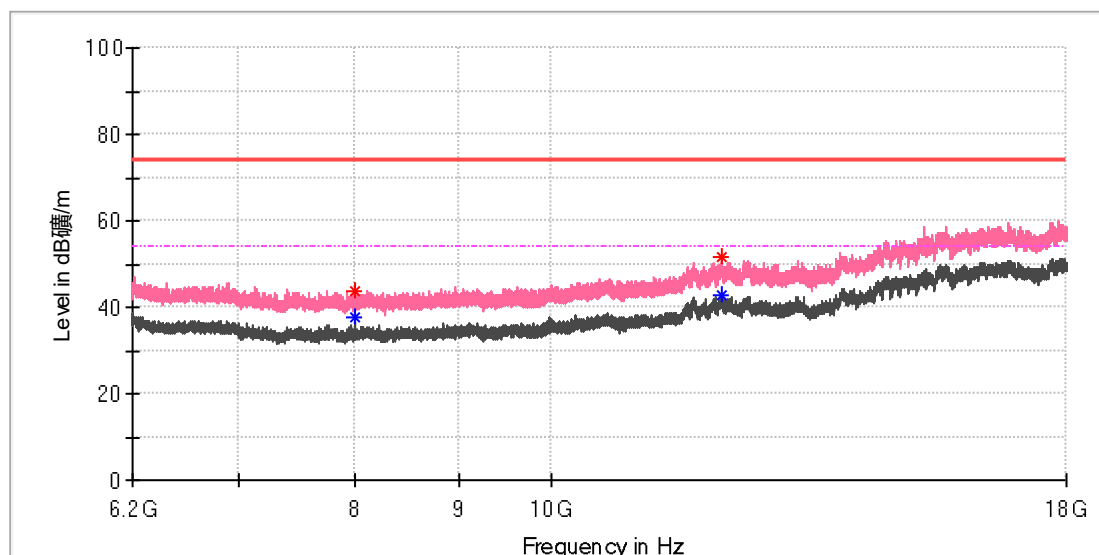
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4850.500000	52.10	---	74.00	21.90	150.0	V	147.0	13.3
4863.500000	---	40.85	54.00	13.15	150.0	V	203.0	13.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
----	----	----	----	----	----		----	----

EUT Information

EUT Name:	DTR MICKEY MINNIE HEADPHOE
Model:	055983-991142187-0935
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168547063/A004021696-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

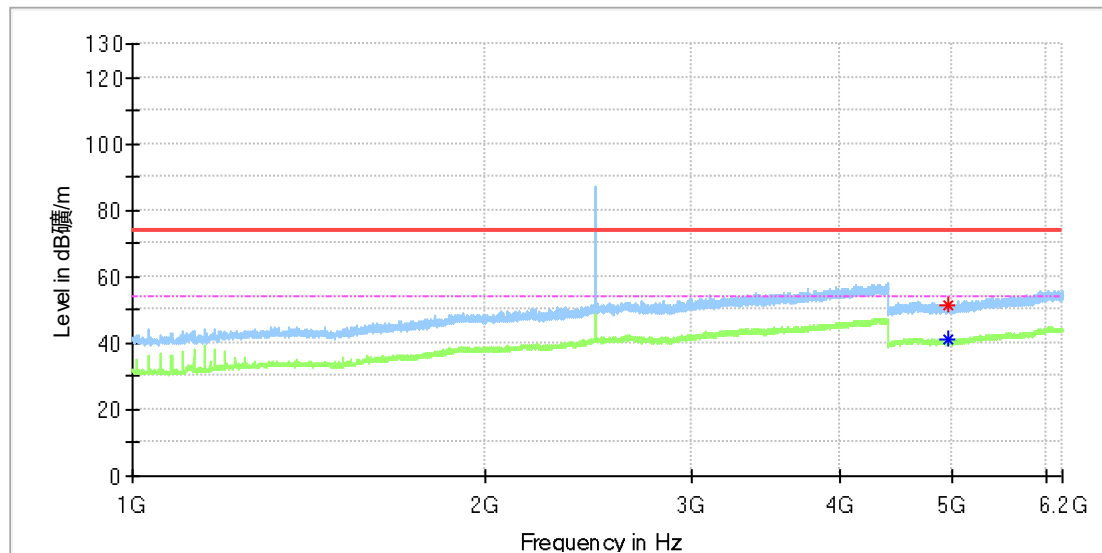
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7996.058333	43.87	---	74.00	30.13	150.0	V	218.0	8.8
7996.058333	---	37.85	54.00	16.15	150.0	V	218.0	8.8
12143.758333	---	42.87	54.00	11.13	150.0	V	351.0	16.6
12151.133333	51.65	---	74.00	22.35	150.0	V	218.0	16.7

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	DTR MICKEY MINNIE HEADPHOE
Model:	055983-991142187-0935
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168547063/A004021696-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

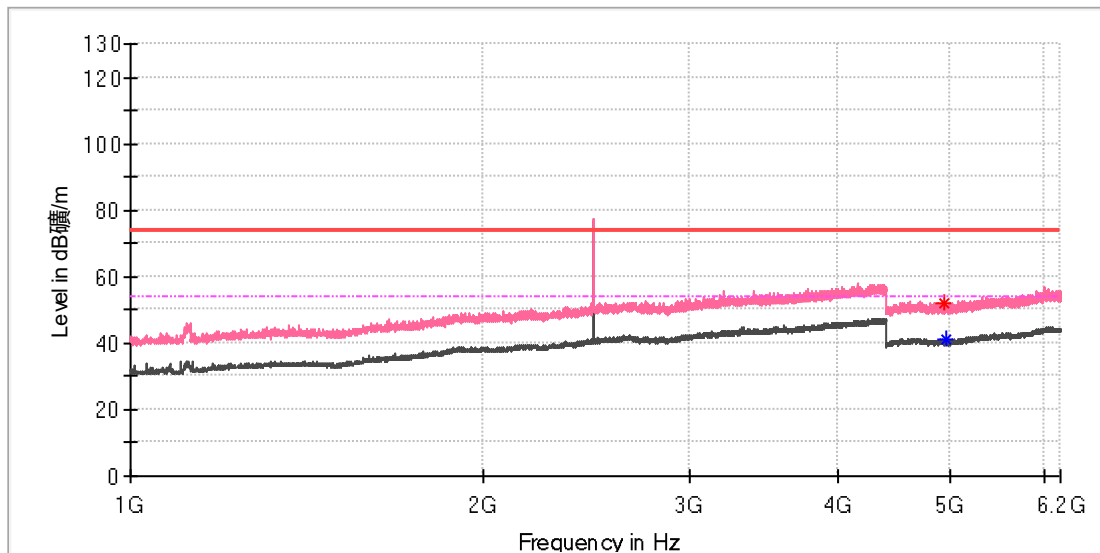
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4956.500000	51.59	---	74.00	22.41	150.0	H	245.0	13.3
4957.000000	---	40.92	54.00	13.08	150.0	H	251.0	13.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
----	----	----	----	----	----		----	----

EUT Information

EUT Name:	DTR MICKEY MINNIE HEADPHOE
Model:	055983-991142187-0935
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168547063/A004021696-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

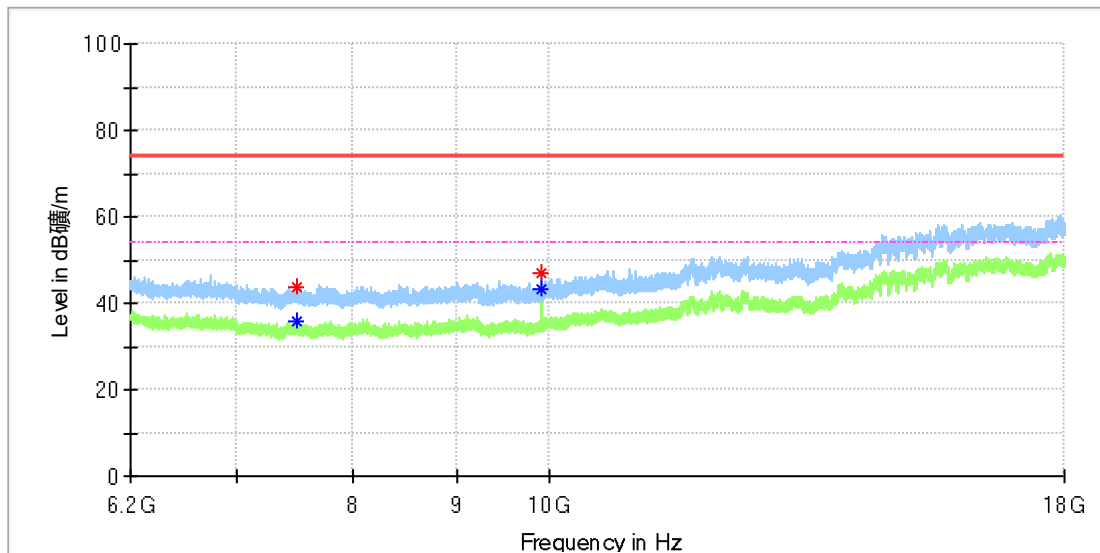
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4936.000000	51.74	---	74.00	22.26	150.0	V	127.0	13.3
4957.000000	---	41.31	54.00	12.69	150.0	V	263.0	13.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
----	----	----	----	----	----		----	----

EUT Information

EUT Name:	DTR MICKEY MINNIE HEADPHOE
Model:	055983-991142187-0935
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168547063/A004021696-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

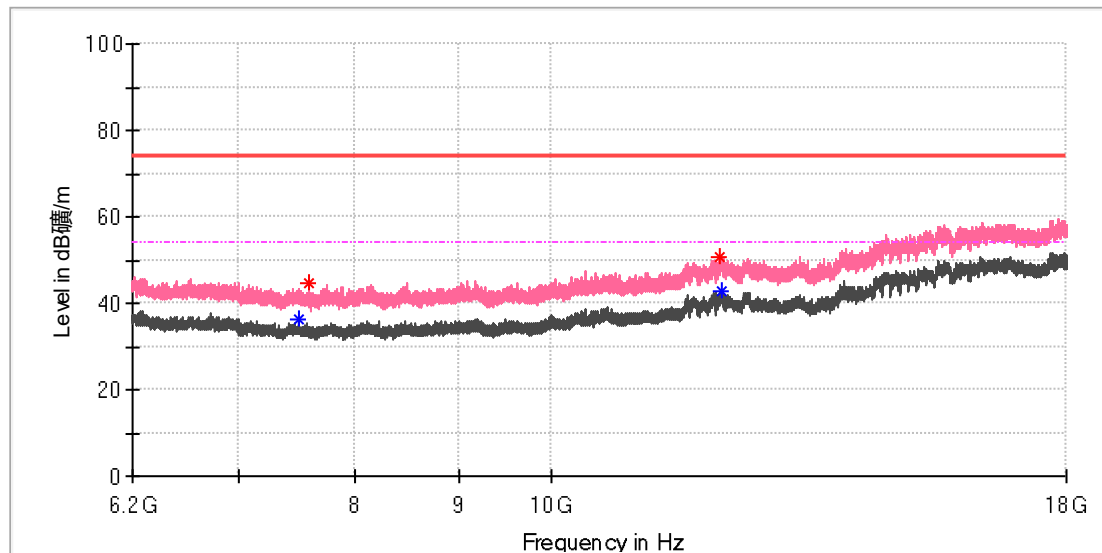
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7492.591667	---	35.87	54.00	18.13	150.0	H	139.0	8.7
7502.425000	43.63	---	74.00	30.37	150.0	H	147.0	8.7
9914.050000	47.18	---	74.00	26.82	150.0	H	246.0	10.8
9914.050000	---	43.10	54.00	10.90	150.0	H	246.0	10.8

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
----	----	----	----	----	----		----	----

EUT Information

EUT Name:	DTR MICKEY MINNIE HEADPHOE
Model:	055983-991142187-0935
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168547063/A004021696-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7490.133333	---	36.06	54.00	17.94	150.0	V	136.0	8.7
7580.108333	44.56	---	74.00	29.44	150.0	V	171.0	8.7
12120.158333	50.75	---	74.00	23.25	150.0	V	36.0	16.0
12144.250000	---	42.82	54.00	11.18	150.0	V	216.0	16.6

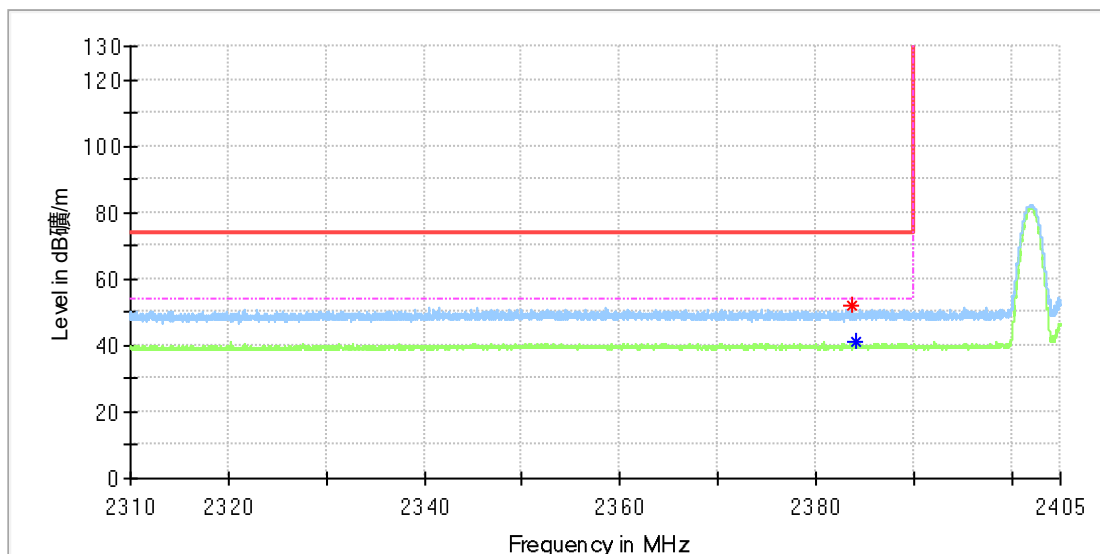
Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Appendix A.9: Test Results of Radiated Emissions in Restricted Bands

EUT Information

EUT Name:	DTR MICKEY MINNIE HEADPHOE
Model:	055983-991142187-0935
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168547063/A004021696-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

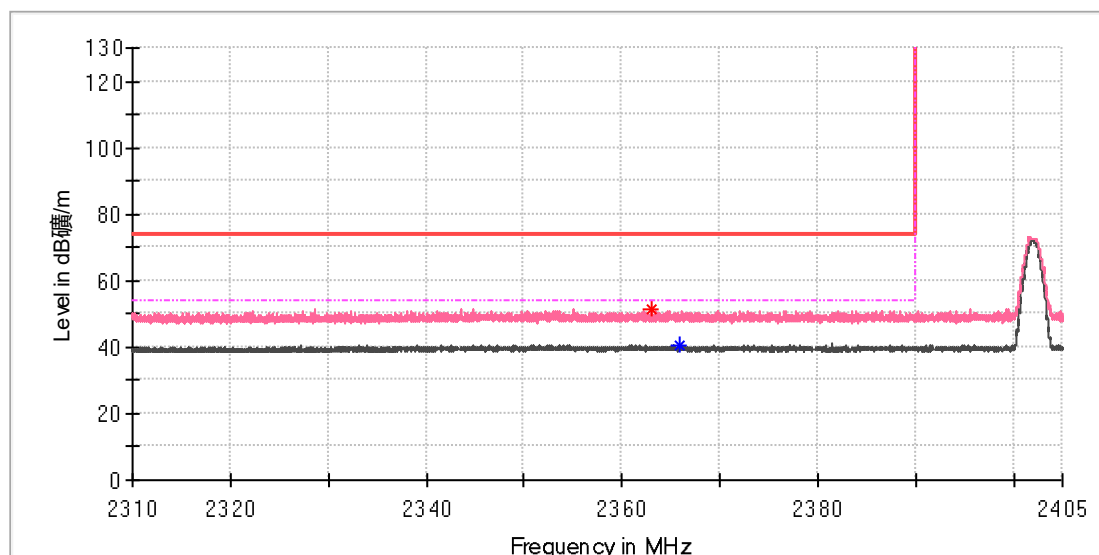
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2383.611029	51.78	---	74.00	22.22	150.0	H	158.0	8.5
2384.100000	---	40.88	54.00	13.12	150.0	H	346.0	8.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
90.00	-68.70	-68.70	-68.70	31.30	1.00	V	0.00	0.00

EUT Information

EUT Name:	DTR MICKEY MINNIE HEADPHOE
Model:	055983-991142187-0935
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168547063/A004021696-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

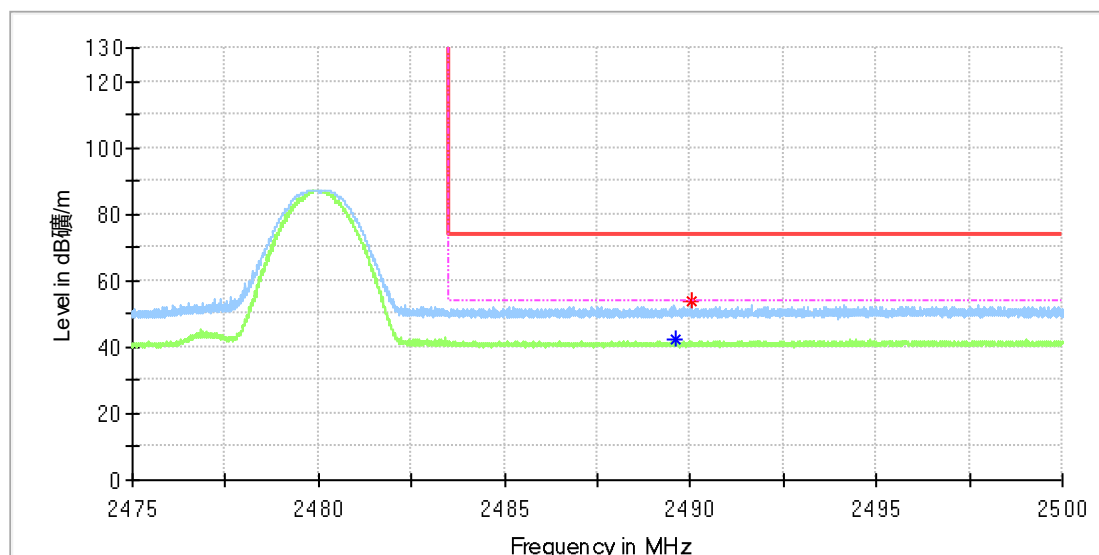
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2363.046324	51.40	---	74.00	22.60	150.0	V	313.0	8.5
2365.980147	---	40.81	54.00	13.19	150.0	V	107.0	8.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	DTR MICKEY MINNIE HEADPHOE
Model:	055983-991142187-0935
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168547063/A004021696-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

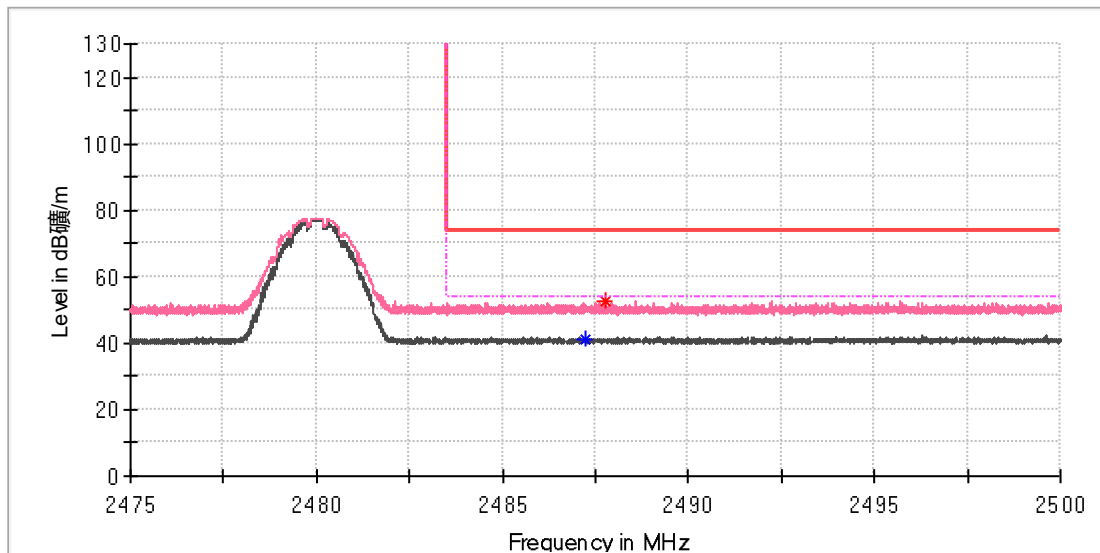
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2489.606618	---	42.30	54.00	11.70	150.0	H	322.0	9.0
2490.055147	53.78	---	74.00	20.22	150.0	H	287.0	9.0

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	DTR MICKEY MINNIE HEADPHOE
Model:	055983-991142187-0935
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168547063/A004021696-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2487.246324	---	41.39	54.00	12.61	150.0	V	187.0	9.0
2487.742647	52.58	---	74.00	21.43	150.0	V	280.0	9.0

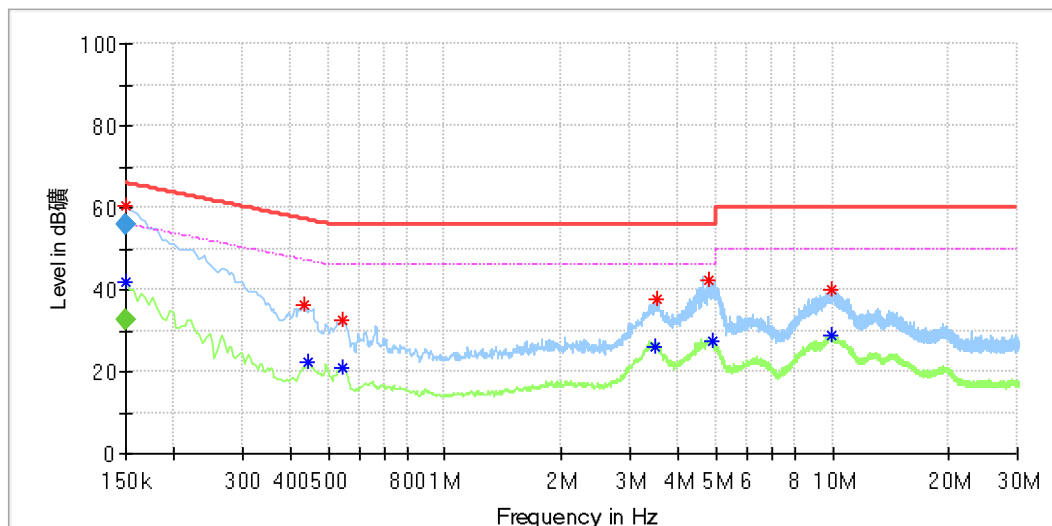
Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
-----	-----	-----	-----	-----	-----		-----	

Appendix A.10: Test Results of Conducted Emission on AC Mains

EUT Information

EUT Name:	DTR MICKEY MINNIE HEADPHOE
Order Number:	168547063 130
Model:	055983-991142187-0935
Test Mode:	Normal operation + Charging
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC PART 15
Test By:/Review By:	Simon Feng/Murphy Chen
Tem./Hum./Pressure:	24.5°C/52.3%/101kPa
Remark:	SR 2



Critical Freqs

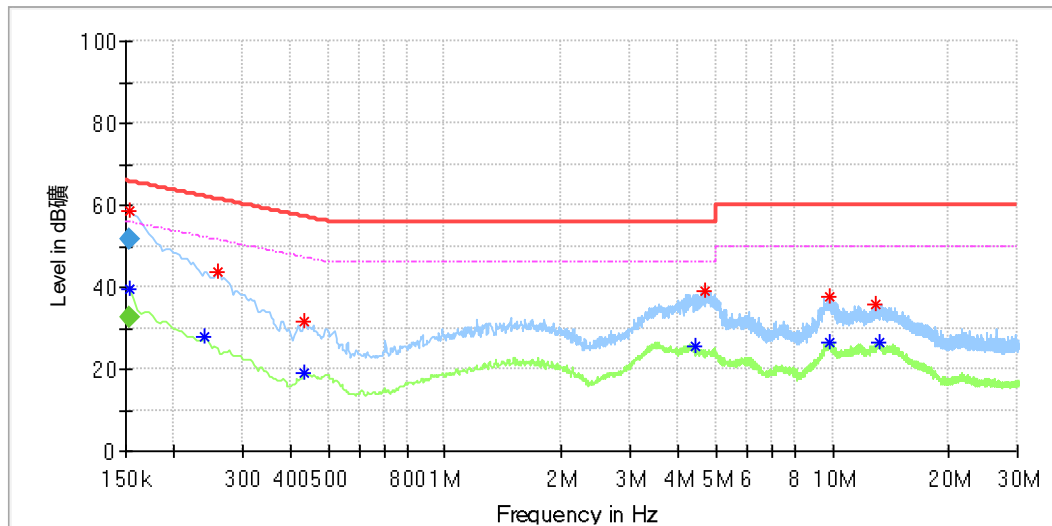
Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.150000	60.29	---	66.00	5.71	L1	9.8
0.150000	---	41.65	56.00	14.35	L1	9.8
0.433575	36.28	---	57.18	20.90	L1	9.9
0.444769	---	22.21	46.97	24.76	L1	9.9
0.541781	32.66	---	56.00	23.34	L1	9.9
0.545513	---	21.02	46.00	24.98	L1	9.9
3.493200	---	26.27	46.00	19.73	L1	10.1
3.508125	37.61	---	56.00	18.39	L1	10.1
4.765556	42.54	---	56.00	13.46	L1	10.1
4.896150	---	27.45	46.00	18.55	L1	10.1
9.907219	---	28.98	50.00	21.02	L1	10.2
9.925875	39.97	---	60.00	20.03	L1	10.2

Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.150000	---	32.74	56.00	23.26	1000.0	9.000	L1	9.8
0.150000	55.60	---	66.00	10.40	1000.0	9.000	L1	9.8

EUT Information

EUT Name: DTR MICKEY MINNIE HEADPHOE
Order Number: 168547063 130
Model: 055983-991142187-0935
Test Mode: Normal operation + Charging
Test Voltage: AC 120V/60Hz
Test Standard: FCC PART 15
Test By./Review By: Simon Feng/Murphy Chen
Tem./Hum./Pressure: 24.5°C/52.3%/101kPa
Remark: SR 2



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.153731	---	39.66	55.80	16.14	N	9.7
0.153731	58.55	---	65.80	7.24	N	9.7
0.239550	---	27.86	52.11	24.25	N	9.7
0.258206	43.63	---	61.49	17.86	N	9.7
0.433575	---	18.98	47.18	28.21	N	9.7
0.433575	31.43	---	57.18	25.75	N	9.7
4.403625	---	25.81	46.00	20.19	N	9.8
4.668544	39.26	---	56.00	16.74	N	9.8
9.769163	37.52	---	60.00	22.48	N	9.9
9.854981	---	26.65	50.00	23.35	N	9.9
12.899681	35.98	---	60.00	24.02	N	9.9
13.179525	---	26.55	50.00	23.45	N	9.9

Final_Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.153731	---	32.48	55.80	23.32	1000.0	9.000	N	9.7
0.153731	51.53	---	65.80	14.27	1000.0	9.000	N	9.7