



Prüfbericht-Nr.: Test report no.:	CN25EVQG 001	Auftrags-Nr.: Order no.:	168558319	Page 1 of 24 Seite 1 von 24
Kunden-Referenz-Nr.: Client reference no.:	N/A	Auftragsdatum: Order date:	2025-06-09	
Auftraggeber: Client:	Harman International Industries, Inc 8500 Balboa Blvd, Northridge, California, 91329, United States			
Prüfgegenstand: Test item:	BLUETOOTH HEADSET			
Bezeichnung / Typ-Nr.: Identification / Type no.:	TUNE 730BT (Trademark: JBL)			
Auftrags-Inhalt: Order content:	Type test			
Prüfgrundlage: Test specification:	CFR47 FCC Part 15: Subpart C Section 15.247 RSS-247 Issue 3 August 2023 CFR47 FCC Part 15: Subpart C Section 15.209 RSS-Gen Issue 5 February 2021			
Wareneingangsdatum: Date of sample receipt:	2025-06-16	Refer to photos document		
Prüfmuster-Nr.: Test sample no.:	A004015062, A004019198			
Prüfzeitraum: Testing period:	2025-06-16 – 2025-06-26			
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:	
Datum: Date:	2025-07-04	Ausstellungsdatum: Issue date:		2025-07-04
Stellung / Position:	Project Manager		Stellung / Position:	Authorizer
Sonstiges / Other:	FCC ID: APIJBLT730BT IC: 6132A-JBLT730BT HVIN: TUNE 730BT			
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.: CN25EVQG 001
Test report no.:

Page 2 of 24
Seite 2 von 24

Remarks
Anmerkungen

1	<p>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.</p> <p>Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</p> <p><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></p> <p><i>Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden.</i></p>
2	<p>As contractually agreed, this document has been signed digitally only. TÜV 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, TÜV 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.</p> <p><i>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.</i></p>
3	<p>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.</p> <p><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></p>
4	<p>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.</p> <p><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></p>

Prüfbericht-Nr.: CN25EVQG 001
Test report no.:

Seite 3 von 24
Page 3 of 24

Test Summary

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 MAXIMUM CONDUCTED OUTPUT POWER

RESULT: Pass

5.1.3 99% BANDWIDTH

RESULT: Pass

5.1.4 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 KHz BANDWIDTH

RESULT: Pass

5.1.5 RADIATED SPURIOUS EMISSION

RESULT: Pass

5.1.6 20dB BANDWIDTH

RESULT: Pass

5.1.7 CARRIER FREQUENCY SEPARATION

RESULT: Pass

5.1.8 FREQUENCY STABILITY

RESULT: Pass

5.1.9 NUMBER OF HOPPING FREQUENCY

RESULT: Pass

5.1.10 TIME OF OCCUPANCY

RESULT: Pass

Contents

1	GENERAL REMARKS	5
1.1	COMPLEMENTARY MATERIALS	5
2	TEST SITES	5
2.1	TEST FACILITIES	5
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.....	7
2.7	STATUS OF FACILITY USED FOR TESTING.....	7
3	GENERAL PRODUCT INFORMATION	8
3.1	PRODUCT FUNCTION AND INTENDED USE.....	8
3.2	RATINGS AND SYSTEM DETAILS	8
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 Conducted Output Power</i>	<i>15</i>
5.1.3	<i>99% Bandwidth</i>	<i>16</i>
5.1.4	<i>Conducted Spurious Emissions Measured in 100 kHz Bandwidth</i>	<i>17</i>
5.1.5	<i>Radiated Spurious Emission</i>	<i>18</i>
5.1.6	<i>20dB Bandwidth</i>	<i>19</i>
5.1.7	<i>Carrier Frequency Separation.....</i>	<i>20</i>
5.1.8	<i>Frequency stability</i>	<i>21</i>
5.1.9	<i>Number of Hopping Frequency.....</i>	<i>22</i>
5.1.10	<i>Time of Occupancy.....</i>	<i>23</i>
6	PHOTOGRAPHS OF THE TEST SET-UP	24
7	LIST OF TABLES.....	24

Prüfbericht-Nr.: CN25EVQG 001
Test report no.:

Seite 5 von 24
Page 5 of 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: Photographs of the Test Set-up

Appendix B: Test Results of Classic Bluetooth.

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, People's Republic of China

FCC Registration No.: CN1260

IC Registration No.: 25069 and the CAB identifier is CN0078.

Prüfbericht-Nr.: CN25EVQG 001
Test report no.:

Seite 6 von 24
Page 6 of 24

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Radio Spectrum Testing				
Equipment	Manufacturer	Model	Serial No.	Cal. until
EXA Signal Analyzer, Multi-touch	Keysight	N9010B	MY60241175	25.09.2025
MXG X-Series RF Vector Signal Generator	Keysight	N5182B	MY61250137	25.09.2025
EXG X-Series Microwave Analog Signal Generator	Keysight	N5173B	MY61250141	25.09.2025
DC Power Supply	Keysight	E3642A	MY61276100	25.09.2025
Wireless Connectivity Tester	R&S	CMW270	102505	25.09.2025
Power Control Unit	Tonscend	JS0806-4ADC	N/A	25.09.2025
Automation Control Unit	Tonscend	JS0806-2	21C8060396	25.09.2025
Humid & Temp Programmable Tester	BOST	NTH090-60	19040801	24.02.2026
Cable 1	Calibration frequency range: 9 kHz~1.0 GHz			20.12.2025
Cable 2	Calibration frequency range: 9 kHz~18 GHz			20.12.2025
Cable 3	Calibration frequency range: 1 GHz~40 GHz			20.12.2025
Test Software	Tonscend	JS1120-3	N/A	N/A
Control PC	Lenovo	TianYi510S-071MB	Y LX23JMF	N/A
Unwanted Emission Testing				
Equipment	Manufacturer	Model	Serial No.	Cal. until
EMI Test Receiver	R&S	ESR 7	102021	28.09.2025
Signal Analyzer	R&S	FSV 40	101439	28.09.2025
System Controller Interface	R&S	SCI-100	S10010038	N/A
Filterbank	R&S	Wlan	100759	28.09.2025
OSP	R&S	OSP 120	102040	N/A
Pre-amplifier	R&S	SCU08F1	08320031	28.09.2025
Amplifier	R&S	SCU-18F	180070	28.09.2025
Amplifier	R&S	SCU40A	100475	28.09.2025
Trilog Broadband Antenna (30 MHz - 7 GHz)	Schwarzbeck	VULB 9162	193	27.09.2026
Double-Ridged Antenna (1 -18 GHz)	ETS-LINDGREN	3117	00218717	27.09.2026
Wideband Ridged Horn Antenna (18-40 GHz)	Steatite	QMS-00880	19067	27.09.2026
Active Loop Antenna	Schwarzbeck	FMZB 1513	302	27.09.2026
Test software	R&S	EMC32 (V10.60.10)	N/A	N/A
Control PC	Dell	OptiPlex 7050	36NV9P2	N/A
3m Semi-Anechoic Chamber	Albatross	SAC-3m	APC17151-SAC	13.09.2027
Above 1G cable #1 i	Calibration frequency range: 9 kHz~6 GHz			20.12.2025
Above 1G cable #2	Calibration frequency range: 1 GHz~18 GHz			20.12.2025
Antenna-Preamplifier 40GHz cable	Calibration frequency range: 1 GHz~40 GHz			20.12.2025

Prüfbericht-Nr.: CN25EVQG 001
Test report no.:Seite 7 von 24
Page 7 of 24

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	$\pm 2.08 \%$
RF output power, conducted	$\pm 0.99 \text{ dB}$
RF power density, conducted	$\pm 0.99 \text{ dB}$
Unwanted Emissions, conducted	$\pm 0.89 \text{ dB}$
All emissions, radiated	$\pm 4.17 \text{ dB}$

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 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, People's Republic of 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 Bluetooth headset, and it supports Bluetooth dual mode technology, this headset has different color of enclosure.

The Classical Bluetooth and Bluetooth low energy can't transmit at the same time.

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

3.2 Ratings and System Details

Table 2: Technical Specification of EUT

General Information of EUT	Value
Kind of Equipment	BLUETOOTH HEADSET
Type Designation	TUNE 730BT
Trademark	JBL
FCC ID	APIJBLT730BT
IC	6132A-JBLT730BT
HVIN	TUNE 730BT
Extreme Temperature Range	0°C to +45°C
Operating Voltage	DC 5V, 1A via Type C interface or DC 3.7V, 500mAh via built-in Li-ion battery
Technical Specification of Classical Bluetooth	
Operating Frequency band	2402 ~ 2480 MHz
Channel Number	79 channels
Channel separation	1MHz
Modulation	GFSK, $\pi/4$ DQPSK, 8DPSK
Antenna Type	PIFA antenna
Antenna Gain	1.41 dBi (Provided by the Client)
Technical Specification of Bluetooth Low Energy	
Bluetooth Core Version	Bluetooth 5.3
Operating Frequency band	2402 – 2480 MHz
Channel Number	40 channels
Channel separation	2MHz
Data rate	1Mbps, 2Mbps
Modulation	GFSK
Antenna Type	PIFA antenna
Antenna Gain	1.41 dBi (Provided by the Client)

Table 3: RF Channel and Frequency of Classic Bluetooth

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
00	2402.00	20	2422.00	40	2442.00	60	2462.00
01	2403.00	21	2423.00	41	2443.00	61	2463.00
02	2404.00	22	2424.00	42	2444.00	62	2464.00
03	2405.00	23	2425.00	43	2445.00	63	2465.00
04	2406.00	24	2426.00	44	2446.00	64	2466.00
05	2407.00	25	2427.00	45	2447.00	65	2467.00
06	2408.00	26	2428.00	46	2448.00	66	2468.00
07	2409.00	27	2429.00	47	2449.00	67	2469.00
08	2410.00	28	2430.00	48	2450.00	68	2470.00
09	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	--	--

Table 4: 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
 - 1. Bluetooth transmitting mode (BR & EDR mode)
 - a) Low Channel
 - b) Middle Channel
 - c) High Channel
- B. On, Transmitting on Hopping channel
- C. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

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

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: 2013.

4.3 Special Accessories and Auxiliary Equipment

Table 5: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N or Rating
Laptop	Lenovo	T480	PF-16A6N8
AC/DC Adapter	XIAOMI	MDY-12-EY	Input: 100-240V, 50/60Hz, 1.7A Output: DC 5V, 3A or DC 9V, 3A or DC 11V, 6.1A or DC 20V, 3.25A Max

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)

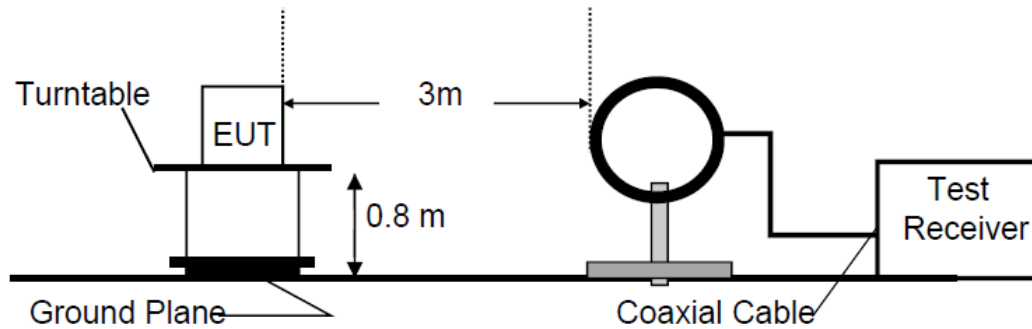


Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

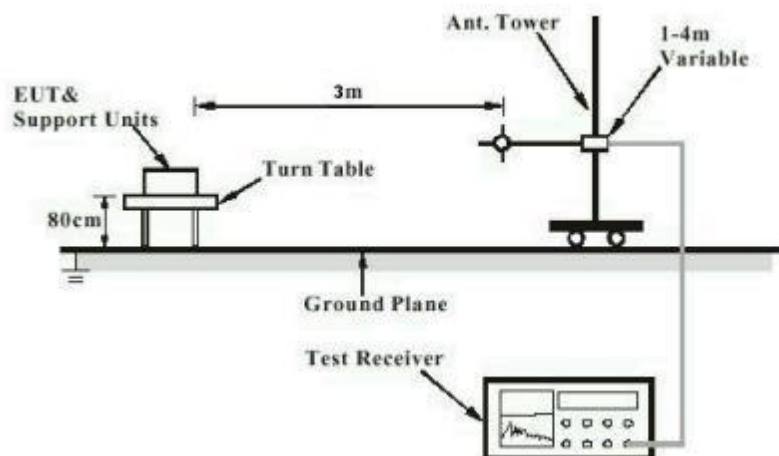


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)

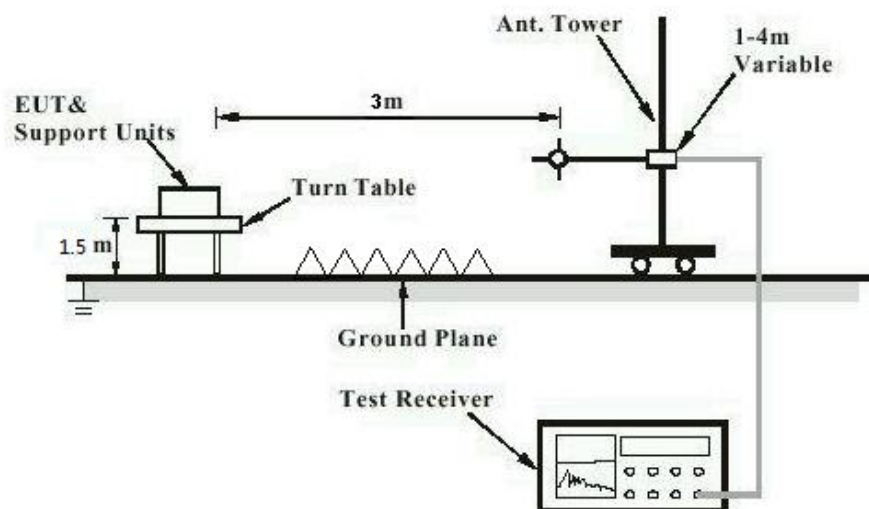
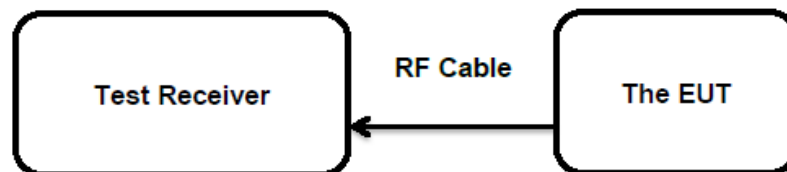


Diagram of Measurement Configuration for Conducted Transmitter Measurement



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 8.3

According to the manufacturer declared, the EUT has one PIFA antenna, the directional gain of antennas is 1.41 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.

Prüfbericht-Nr.: CN25EVQG 001
Test report no.:

Seite 15 von 24
Page 15 of 24

5.1.2 Maximum Conducted Output Power

RESULT:
Pass
Test Specification

Test standard	FCC Part 15.247(b)(1) RSS-247 Clause 5.4(b)
Basic standard	ANSI C63.10: 2013
Limits	FHSS<0.125W(Maximum peak conducted output power) < 4 W (e.i.r.p.)
Kind of test site	Shielded Room

Test Setup

Date of testing	2025-06-16 to 2025-06-26
Input voltage	DC 3.7V
Operation mode	A.1
Test channel	Low / Middle / High
Ambient temperature	24.8 °C
Relative humidity	55 %
Atmospheric pressure	101 kPa

Table 6: Test Result of Maximum Conducted Output Power

Test Mode	Channel Frequency (MHz)	Measured Peak Output Power		Limit (W)
		(dBm)	(W)	
BR	2402	7.58	0.00573	< 0.125
	2441	8.26	0.00670	
	2480	8.06	0.00640	
EDR	2402	7.12	0.00515	
	2441	7.73	0.00593	
	2480	7.40	0.00550	
Maximum Measured Value		8.26	0.00670	

Note: The cable loss is taken into account in results and the maximum e.i.r.p. is 9.67dBm less than 4W(36dBm).

Prüfbericht-Nr.: CN25EVQG 001
Test report no.:

Seite 16 von 24
Page 16 of 24

5.1.3 99% Bandwidth

RESULT:
Pass
Test Specification

Test standard : RSS-Gen Clause 6.7
Basic standard : ANSI C63.10: 2013
Kind of test site : Shielded Room

Test Setup

Date of testing : 2025-06-16 to 2025-06-26
Input voltage : DC 3.7V
Operation mode : A.1
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 B

Table 7: Test Result of 99% Bandwidth

Test Mode	Channel Frequency (MHz)	Measured 99% Bandwidth	Limit
		(MHz)	
BR	2402	0.86532	/
	2441	0.87956	
	2480	0.86586	
EDR	2402	1.1872	/
	2441	1.1881	
	2480	1.2029	

Note: The fundamental emissions stay within the allocated band 2400-2483.5MHz.

Prüfbericht-Nr.: CN25EVQG 001
Test report no.:

Seite 17 von 24
Page 17 of 24

5.1.4 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: 2013
Limits : 20dB (below that in the 100kHz bandwidth within the band
that contains the highest level of the desired power);
Kind of test site : Shielded Room

Test Setup

Date of testing : 2025-06-16 to 2025-06-26
Input voltage : DC 3.7V
Operation mode : A.1
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 following test plot, and compliance is achieved as well.

For the measurement records, refer to the appendix B

Prüfbericht-Nr.: CN25EVQG 001
Test report no.:Seite 18 von 24
Page 18 of 24

5.1.5 Radiated Spurious Emission

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

Test standard : FCC Part 15.247(d) & FCC Part 15.205
RSS-247 Clause 3.3

Basic standard : ANSI C63.10: 2013

Limits : Refer to 15.209(a) of FCC part 15.247(d)
RSS-Gen Table 6 & Table 7

Kind of test site : 3m Semi-anechoic Chamber

Test Setup

Date of testing : 2025-06-16 to 2025-06-26

Input voltage : DC 3.7V

Operation mode : A.1

Test channel : Low / Middle / High

Ambient temperature : Refer to test result

Relative humidity : Refer to test result

Atmospheric pressure : 101 kPa

Remark:

During the pretest the EUT was rotated through three orthogonal axes to determine the attitude that maximizes the emissions. After that the EUT was manually handled to find the orientation that has the maximum emission, which is the orientation shown in the test set-up photos.

Testing was carried out within frequency range 9kHz to the tenth harmonics.

For the measurement records, refer to the appendix B

Prüfbericht-Nr.: CN25EVQG 001
Test report no.:

Seite 19 von 24
Page 19 of 24

5.1.6 20dB Bandwidth

RESULT:
Pass
Test Specification

Test standard : FCC Part 15.247(a)(1)
RSS-247 Clause 5.1(a)

Basic standard : ANSI C63.10: 2013

Kind of test site : Shielded Room

Test Setup

Date of testing : 2025-06-16 to 2025-06-26

Input voltage : DC 3.7V

Operation mode : A.1

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 B

Table 8: Test Result of -20dB Bandwidth

Test Mode	Channel Frequency (MHz)	20dB Bandwidth (MHz)	2/3 of 20dB Bandwidth (MHz)	Limit (MHz)
BR	2402	0.945	0.630	/
	2441	0.945	0.630	
	2480	0.942	0.628	
EDR	2402	1.293	0.862	/
	2441	1.302	0.868	
	2480	1.332	0.888	

Prüfbericht-Nr.: CN25EVQG 001
Test report no.:

Seite 20 von 24
Page 20 of 24

5.1.7 Carrier Frequency Separation

RESULT:
Pass
Test Specification

Test standard : FCC Part 15.247(a)(1)
RSS-247 Clause 5.1(b)

Basic standard : ANSI C63.10: 2013

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 : 2025-06-16 to 2025-06-26

Input voltage : DC 3.7V

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 B

Table 9: Test Result of Carrier Frequency Separation

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.99	≥ 0.945	PASS
3DH5	Ant1	Hop	0.992	≥ 0.888	PASS

Prüfbericht-Nr.: CN25EVQG 001
Test report no.:

Seite 21 von 24
Page 21 of 24

5.1.8 Frequency stability

RESULT:

Pass

Test Specification

Test standard : RSS-247 Clause 8.11
Basic standard : ANSI C63.10: 2013
Limits : within at least the central 80% of its permitted operating frequency band (2400-2483.5MHz)
Kind of test site : Shielded Room

Test Setup

Date of testing : 2025-06-16 to 2025-06-26
Input voltage : DC 3.7V
Operation mode : B
Ambient temperature : 24.8 °C
Relative humidity : 55 %
Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix B

Prüfbericht-Nr.: CN25EVQG 001
Test report no.:

Seite 22 von 24
Page 22 of 24

5.1.9 Number of Hopping Frequency

RESULT: **Pass**
Test Specification

Test standard : FCC part 15.247(a)(1)(iii)
RSS-247 Clause 5.1(d)

Basic standard : ANSI C63.10: 2013

Limits : ≥ 15 non-overlapping channels

Kind of test site : Shielded Room

Test Setup

Date of testing : 2025-06-16 to 2025-06-26

Input voltage : DC 3.7V

Operation mode : B

Ambient temperature : 24.8 °C

Relative humidity : 55 %

Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix B.

Table 10: Test Result of Number of Hopping Frequency, Left earbud

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

Prüfbericht-Nr.: CN25EVQG 001
Test report no.:Seite 23 von 24
Page 23 of 24

5.1.10 Time of Occupancy

RESULT:

Pass

Test Specification

Test standard : FCC part 15.247(a)(1)(iii)
RSS-247 Clause 5.1(d)
Basic standard : ANSI C63.10: 2013
Limits : < 0.4s
Kind of test site : Shielded Room

Test Setup

Date of testing : 2025-06-16 to 2025-06-26
Input voltage : DC 3.7V
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 B .

6 Photographs of the Test Set-Up

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

7 List of Tables

Table 1: List of Test and Measurement Equipment.....	6
Table 2: Technical Specification of EUT	8
Table 3: RF Channel and Frequency of Classic Bluetooth.....	9
Table 4: RF Channel and Frequency of Bluetooth Low Energy	9
Table 5: List of Accessories and Auxiliary Equipment.....	11
Table 6: Test Result of Maximum Conducted Output Power.....	15
Table 7: Test Result of 99% Bandwidth	16
Table 8: Test Result of -20dB Bandwidth.....	19
Table 9: Test Result of Carrier Frequency Separation	20
Table 10: Test Result of Number of Hopping Frequency, Left earbud	22

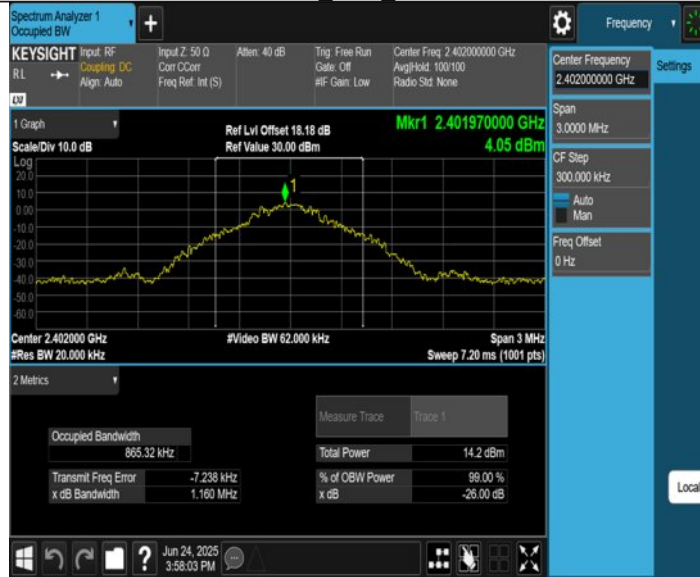
Appendix B: Test Results of Classic Bluetooth

APPENDIX B: TEST RESULTS OF CLASSIC BLUETOOTH	1
APPENDIX B.1: TEST RESULTS OF 99% BANDWIDTH	2
APPENDIX B.2: TEST RESULTS OF 20dB BANDWIDTH	5
APPENDIX B.3: TEST RESULTS OF FREQUENCY STABILITY	8
APPENDIX B.4: TEST RESULTS OF CARRIER FREQUENCY SEPARATION.....	10
APPENDIX B.5: TEST RESULTS OF NUMBER OF HOPPING FREQUENCY	11
APPENDIX B.6: TEST RESULTS OF TIME OF OCCUPANCY	12
APPENDIX B.7: TEST RESULTS OF CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 kHz BANDWIDTH	17
CONDUCTED SPURIOUS EMISSION	17
BAND EDGE MEASUREMENTS.	23
APPENDIX B.8: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS	27
30MHz - 1GHz	27
1GHz - 18GHz	29
APPENDIX B.9: TEST RESULTS OF RADIATED EMISSIONS IN RESTRICTED BANDS.....	41

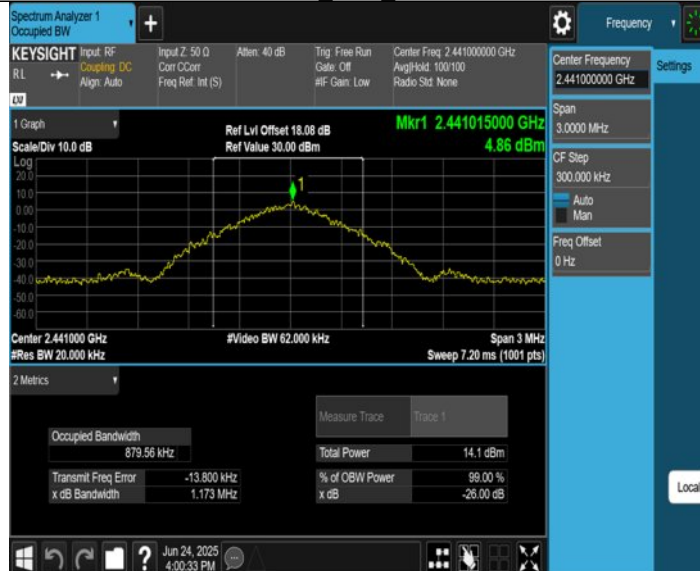
Appendix B.1: Test Results of 99% Bandwidth

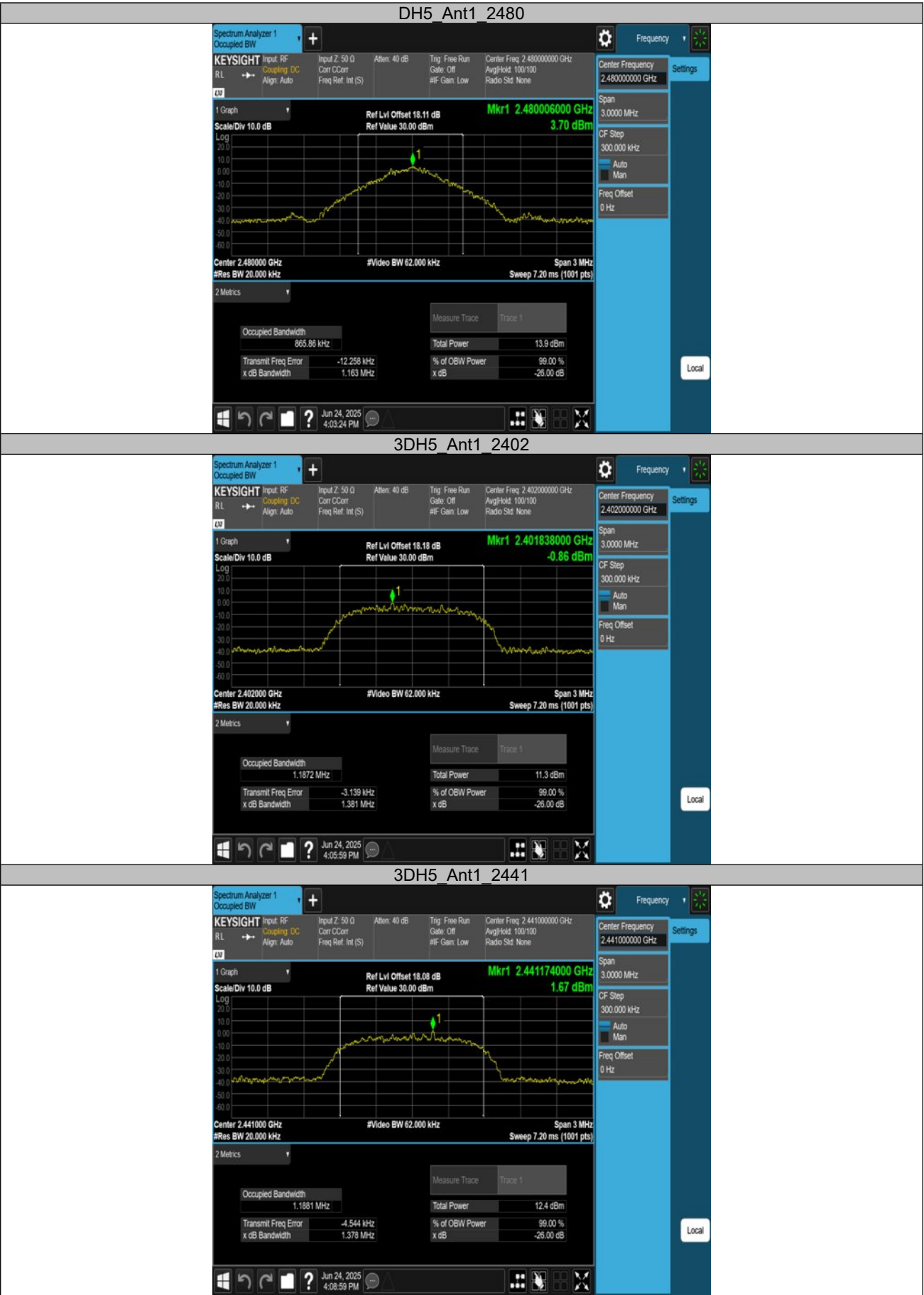
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.86532	2401.5601	2402.4254	---	---
		2441	0.87956	2440.5464	2441.4260	---	---
		2480	0.86586	2479.5548	2480.4207	---	---
3DH5	Ant1	2402	1.1872	2401.4033	2402.5905	---	---
		2441	1.1881	2440.4014	2441.5895	---	---
		2480	1.2029	2479.3990	2480.6019	---	---

DH5 Ant1 2402



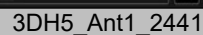
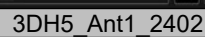
DH5 Ant1 2441













Appendix B.3: Test Results of Frequency stability

Test Channel (MHz)	2402
-----------------------	------

Test result of frequency tolerance of voltage variation

Voltage	Test result (MHz)	Deviation Frequency (KHz)	Test result (ppm)	Limit (ppm)
DC 3.7V	2401.985	-15	-6.24	10
DC 3.33V	2401.988	-12	-5.00	
DC 4.07V	2401.991	-9	-3.75	

Test result of frequency tolerance of temperature variation

Temperature (°C)	Test result (MHz)	Deviation Frequency (KHz)	Test result (ppm)	Limit (ppm)
-30	2401.984	-16	-6.66	10
-20	2401.985	-15	-6.24	
-10	2401.985	-15	-6.24	
0	2401.987	-13	-5.41	
10	2401.990	-10	-4.16	
20	2401.989	-11	-4.58	
30	2401.988	-12	-5.00	
40	2401.987	-13	-5.41	
50	2401.985	-15	-6.24	
55	2401.984	-16	-6.66	

Test Channel (MHz)	2441
-----------------------	------

Test result of frequency tolerance of voltage variation

Voltage	Test result (MHz)	Deviation Frequency (KHz)	Test result (ppm)	Limit (ppm)
DC 3.7V	2440.983	-17	-6.96	10
DC 3.33V	2440.985	-15	-6.15	
DC 4.07V	2440.989	-11	-4.51	

Test result of frequency tolerance of temperature variation

Temperature (°C)	Test result (MHz)	Deviation Frequency (KHz)	Test result (ppm)	Limit (ppm)
-30	2440.983	-17	-6.96	10
-20	2440.984	-16	-6.55	
-10	2440.985	-15	-6.15	
0	2440.983	-17	-6.96	
10	2440.984	-16	-6.55	
20	2440.986	-14	-5.74	
30	2440.986	-14	-5.74	
40	2440.984	-16	-6.55	
50	2440.985	-15	-6.15	
55	2440.985	-15	-6.15	

Test Channel (MHz)	2480
-----------------------	------

Test result of frequency tolerance of voltage variation

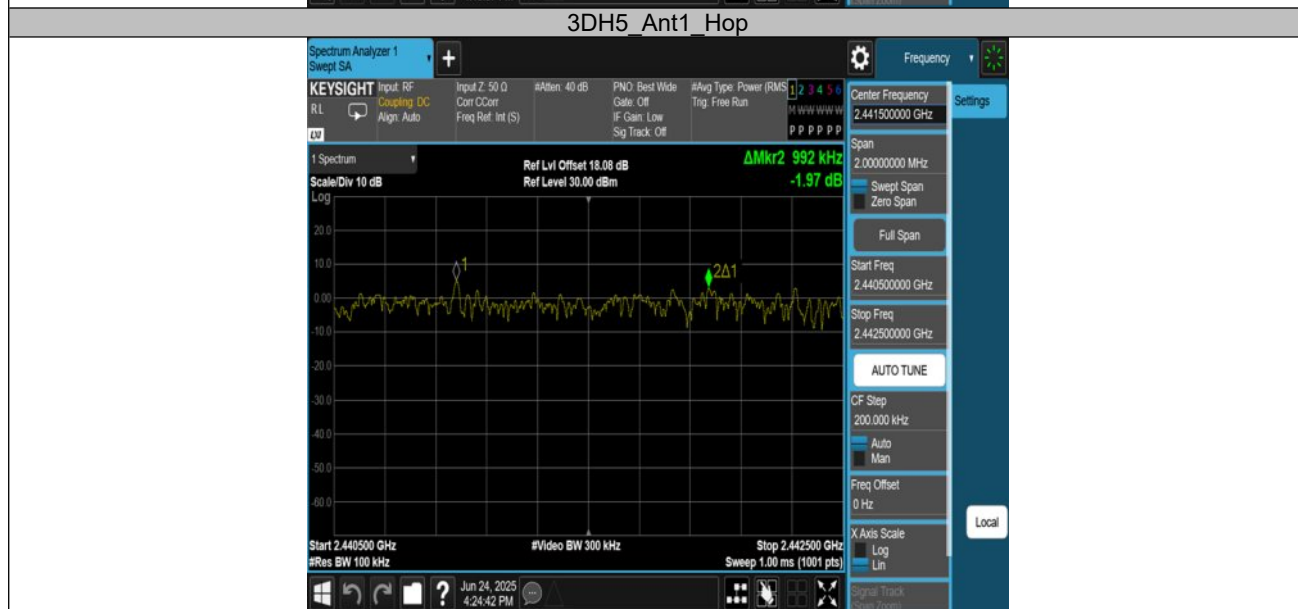
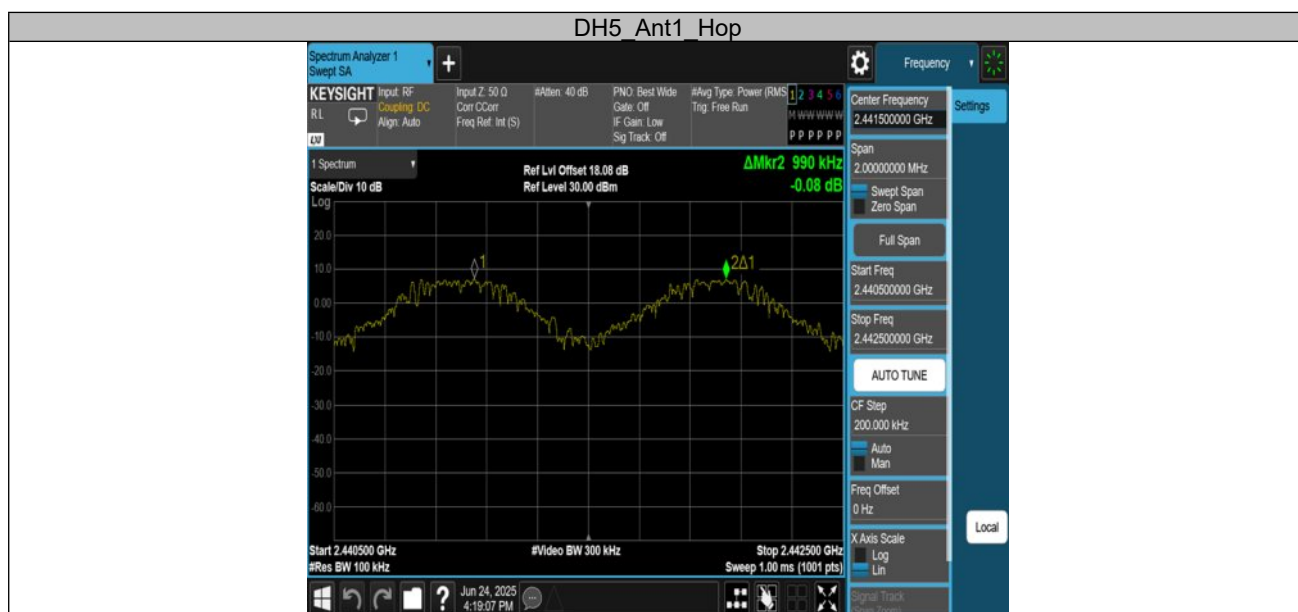
Voltage	Test result (MHz)	Deviation Frequency (KHz)	Test result (ppm)	Limit (ppm)
DC 3.7V	2479.994	-6	-2.42	10
DC 3.33V	2479.995	-5	-2.02	
DC 4.07V	2479.997	-3	-1.21	

Test result of frequency tolerance of temperature variation

Temperature (°C)	Test result (MHz)	Deviation Frequency (KHz)	Test result (ppm)	Limit (ppm)
-30	2479.995	-5	-2.02	10
-20	2479.995	-5	-2.02	
-10	2479.993	-7	-2.82	
0	2479.994	-6	-2.42	
10	2479.993	-7	-2.82	
20	2479.989	-11	-4.44	
30	2479.992	-8	-3.23	
40	2479.991	-9	-3.63	
50	2479.993	-7	-2.82	
55	2479.992	-8	-3.23	

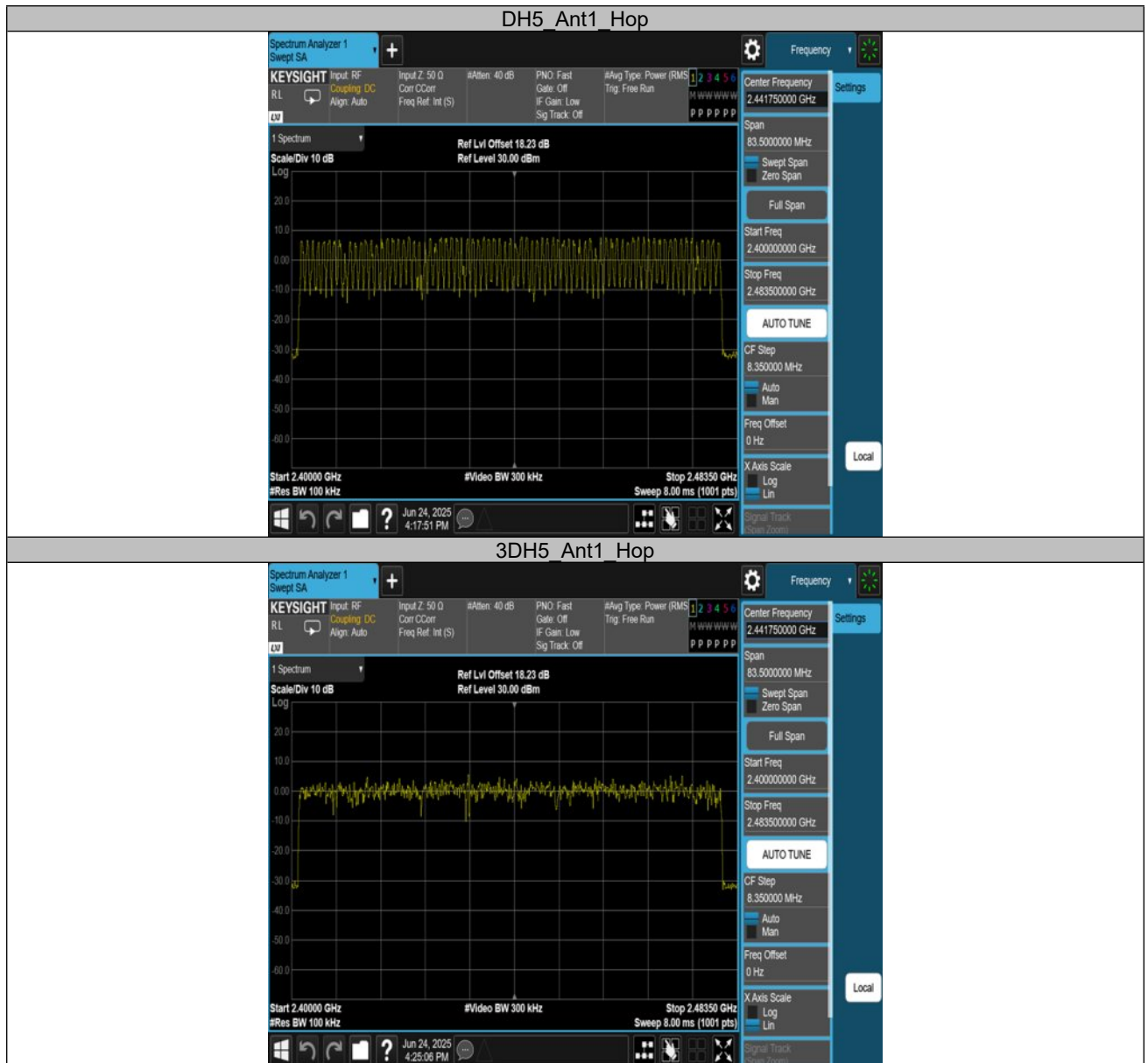
Appendix B.4: Test Results of Carrier Frequency Separation

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.99	≥ 0.945	PASS
3DH5	Ant1	Hop	0.992	≥ 0.888	PASS



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

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



Appendix B.6: Test Results of Time of Occupancy

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.384	42	0.016	≤0.4	PASS
DH3	Ant1	Hop	1.638	38	0.062	≤0.4	PASS
DH5	Ant1	Hop	2.887	31	0.089	≤0.4	PASS
3DH1	Ant1	Hop	0.391	45	0.018	≤0.4	PASS
3DH3	Ant1	Hop	1.642	37	0.061	≤0.4	PASS
3DH5	Ant1	Hop	2.892	48	0.139	≤0.4	PASS

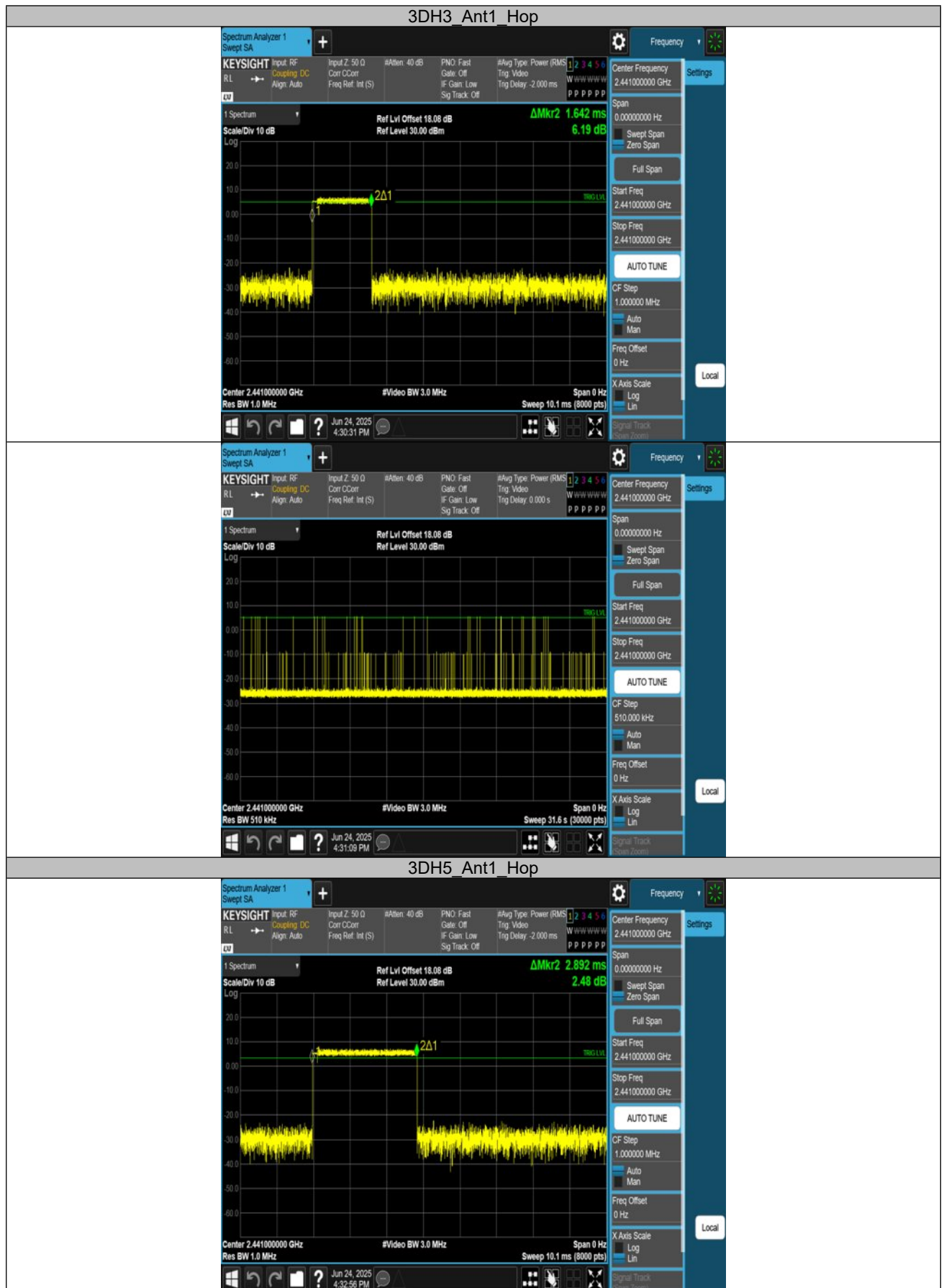






3DH1 Ant1 Hop





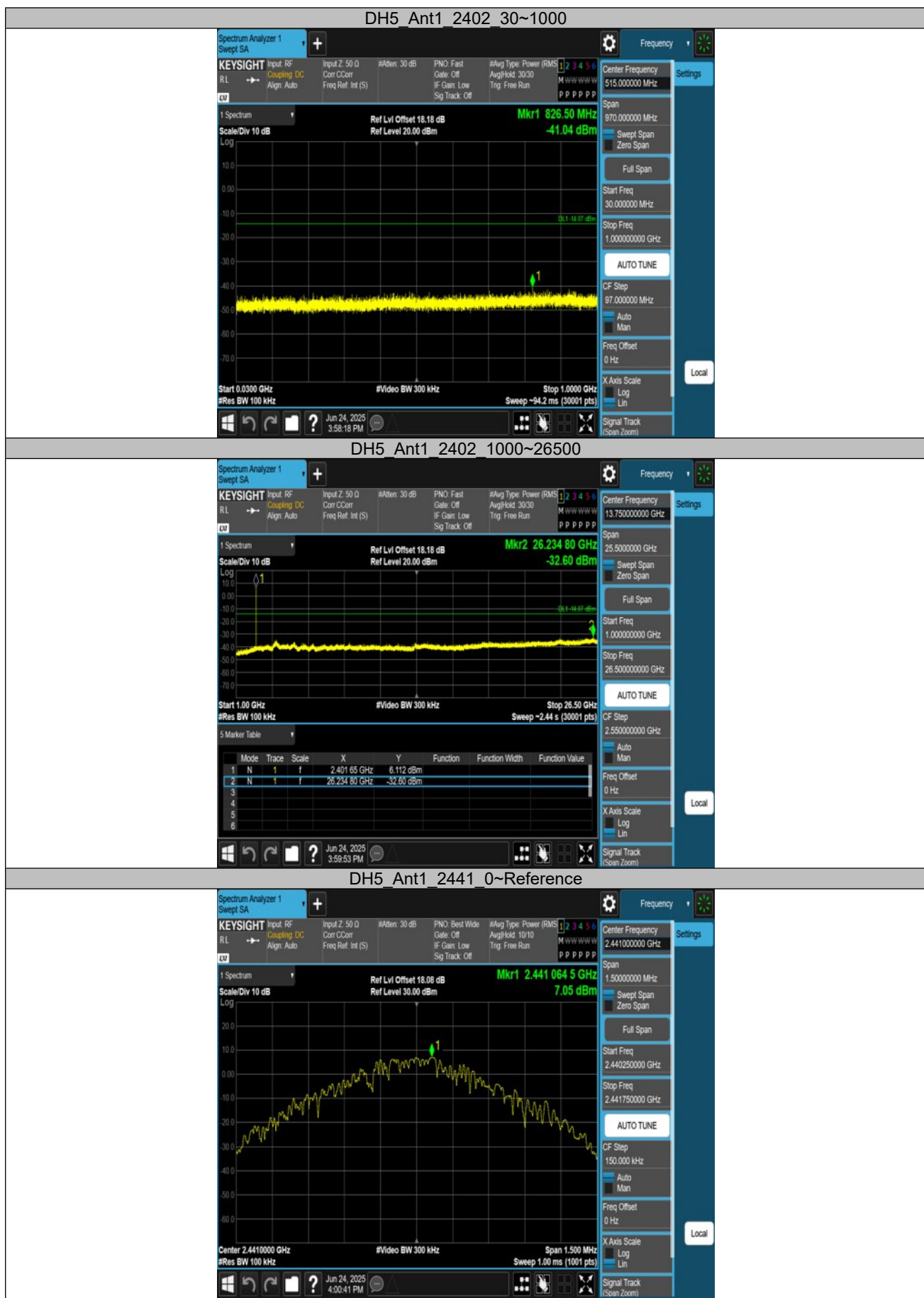


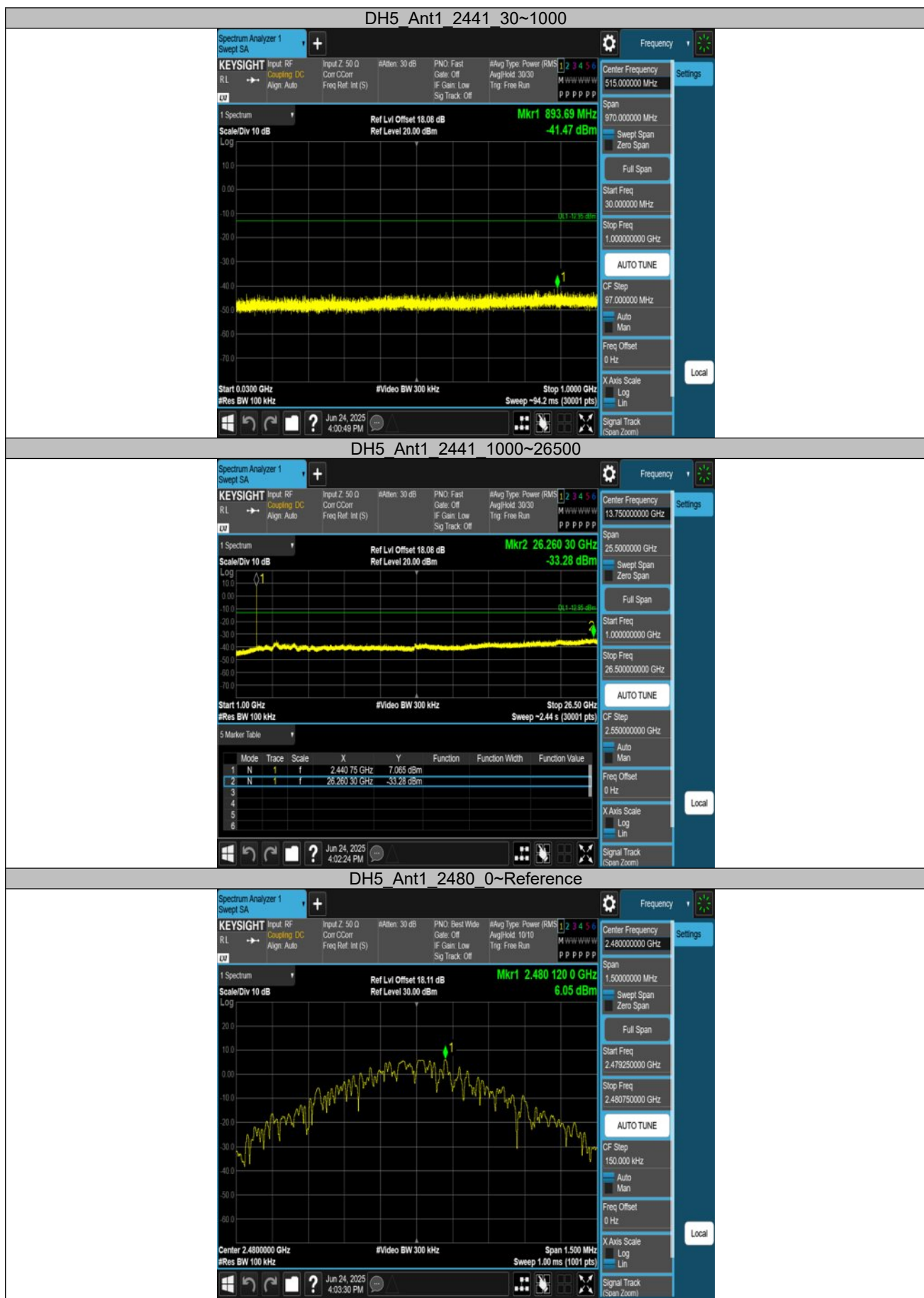
Appendix B.7: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

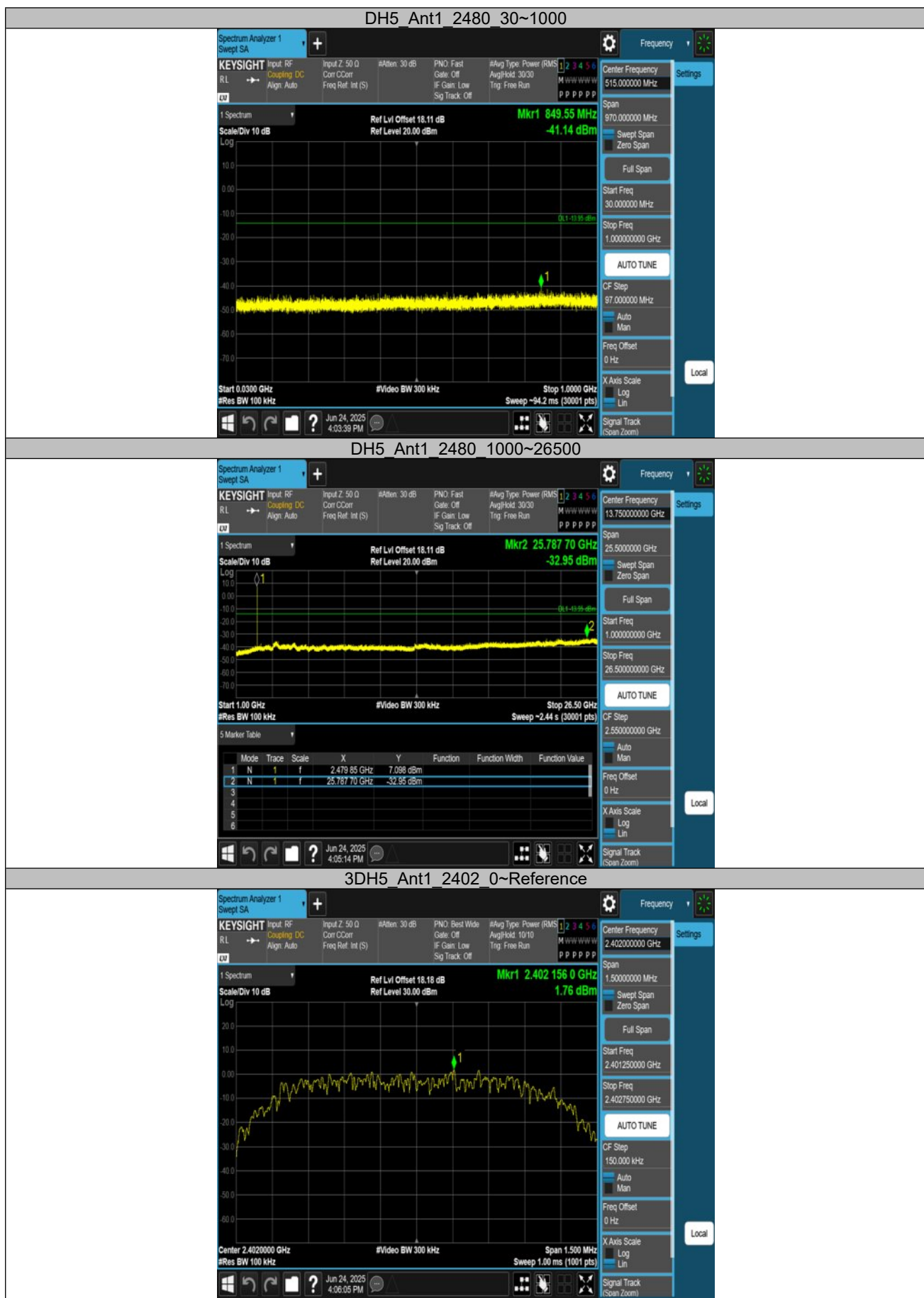
Conducted Spurious Emission

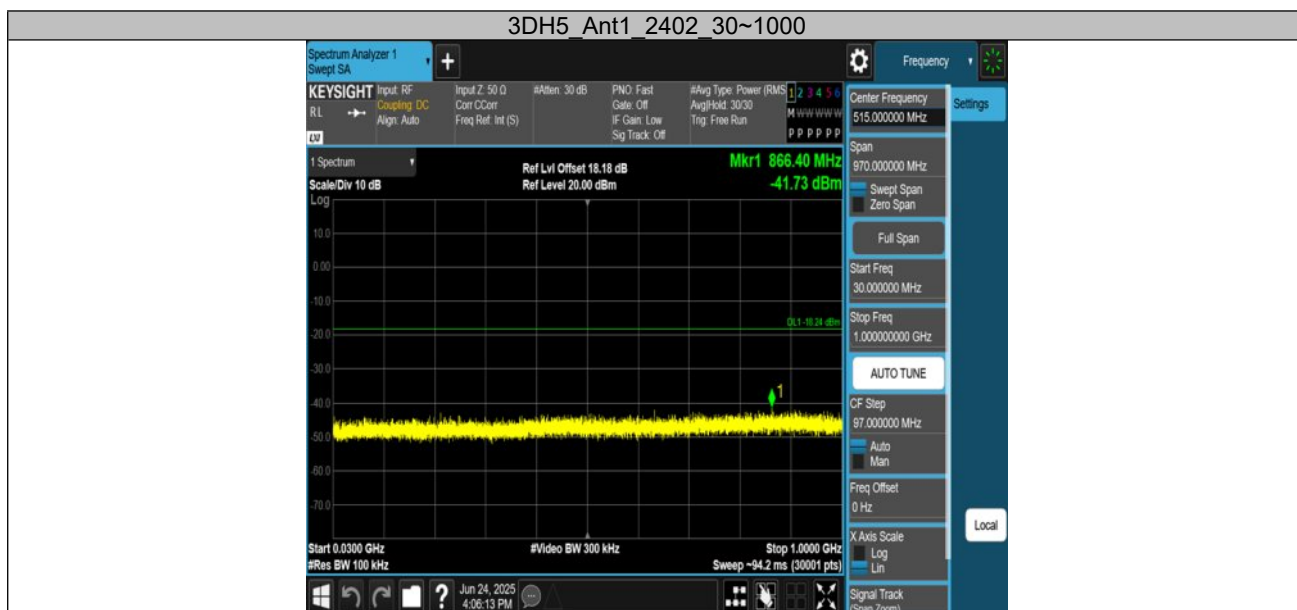
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	5.93	5.93	---	PASS
			30~1000	5.93	-41.04	≤-14.07	PASS
			1000~26500	5.93	-32.6	≤-14.07	PASS
		2441	Reference	7.05	7.05	---	PASS
			30~1000	7.05	-41.47	≤-12.95	PASS
			1000~26500	7.05	-33.28	≤-12.95	PASS
		2480	Reference	6.05	6.05	---	PASS
			30~1000	6.05	-41.14	≤-13.95	PASS
			1000~26500	6.05	-32.95	≤-13.95	PASS
3DH5	Ant1	2402	Reference	1.76	1.76	---	PASS
			30~1000	1.76	-41.73	≤-18.24	PASS
			1000~26500	1.76	-32.71	≤-18.24	PASS
		2441	Reference	3.63	3.63	---	PASS
			30~1000	3.63	-41.38	≤-16.37	PASS
			1000~26500	3.63	-32.92	≤-16.37	PASS
		2480	Reference	2.08	2.08	---	PASS
			30~1000	2.08	-41.53	≤-17.92	PASS
			1000~26500	2.08	-32.6	≤-17.92	PASS









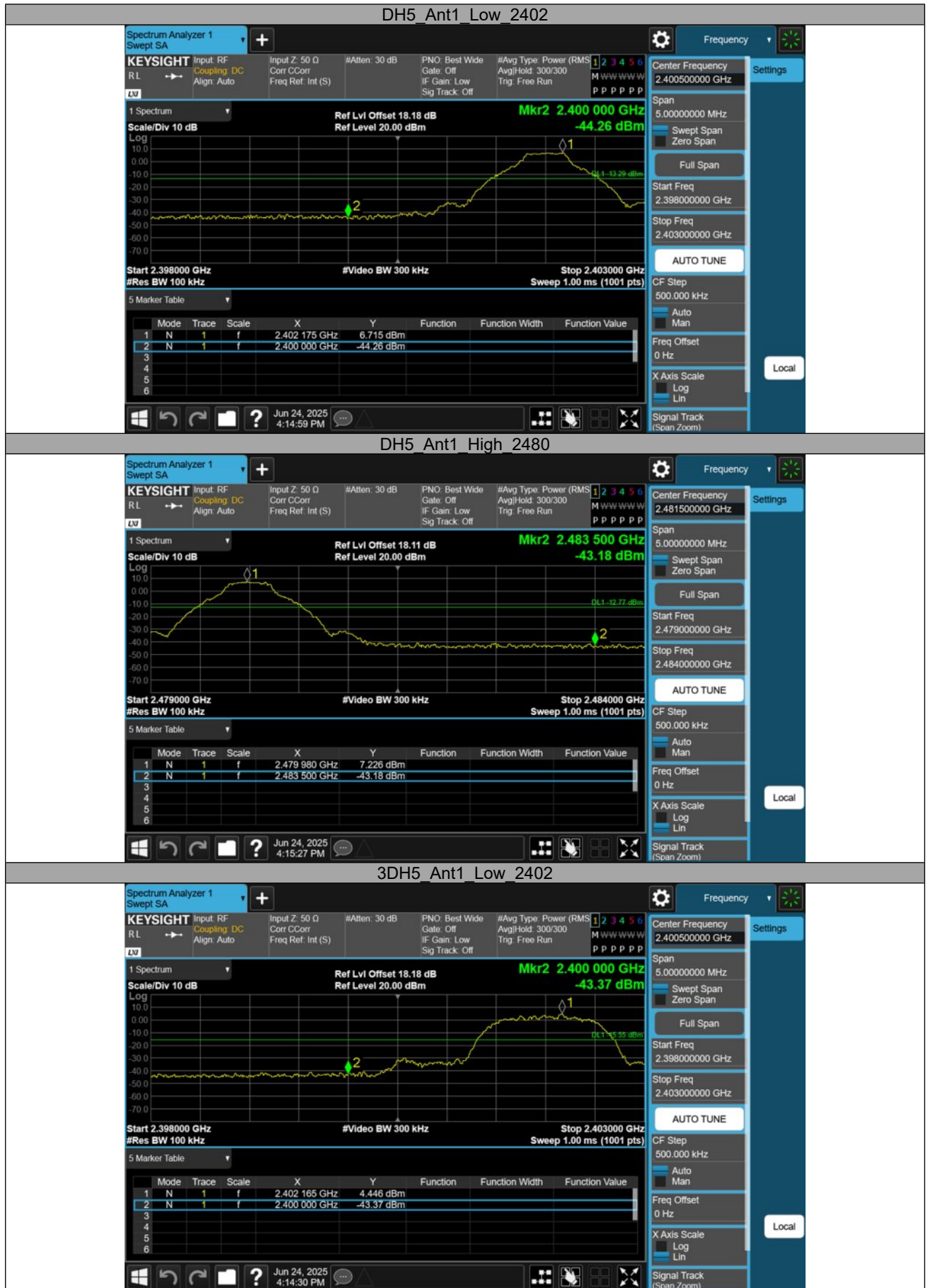


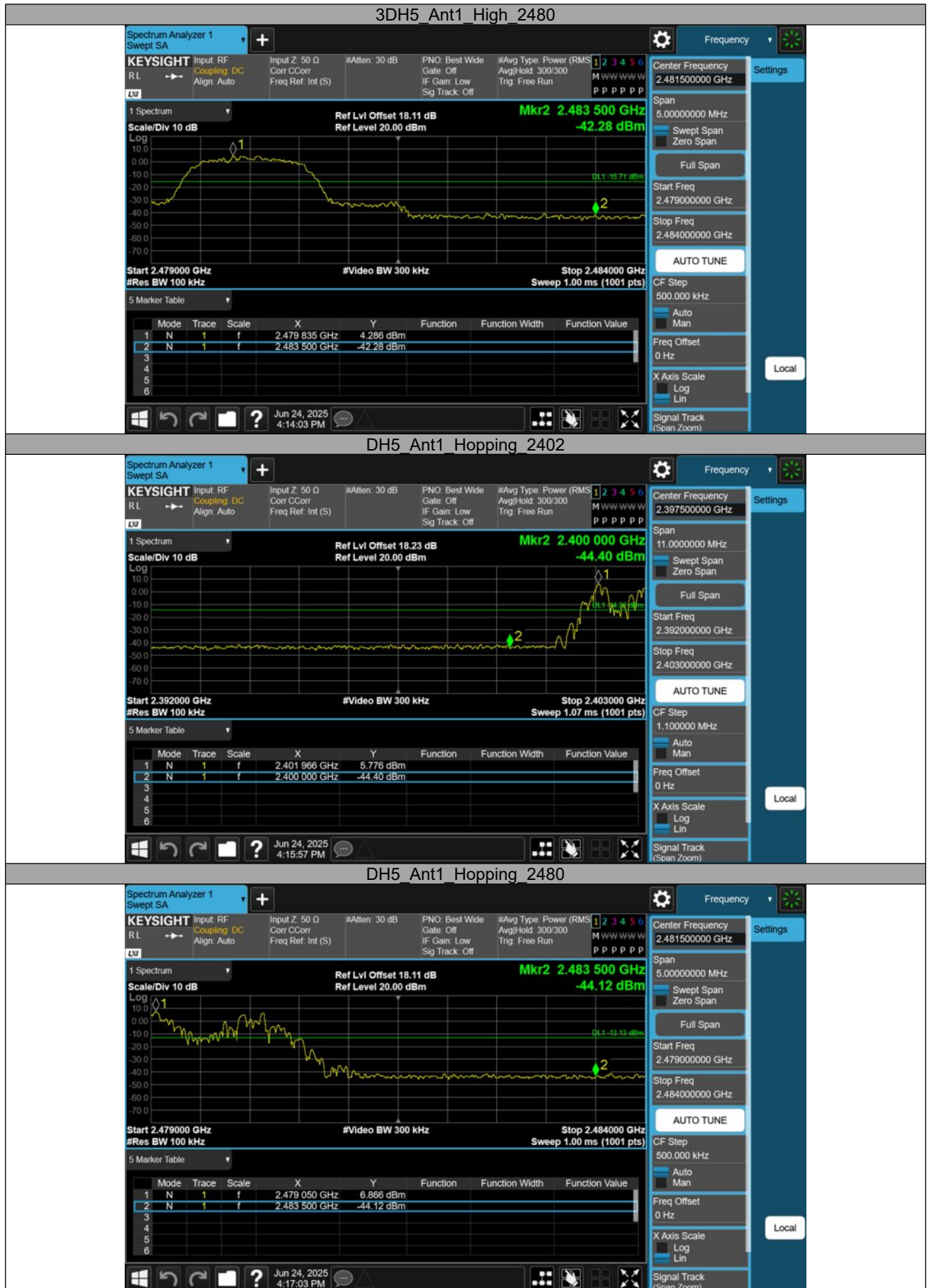




Band edge measurements.

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	6.71	-44.26	≤-13.29	PASS
		High	2480	7.23	-43.18	≤-12.77	PASS
3DH5	Ant1	Low	2402	4.45	-43.37	≤-15.55	PASS
		High	2480	4.29	-42.28	≤-15.71	PASS
DH5	Ant1	Hopping	2402	5.78	-44.40	≤-14.22	PASS
		Hopping	2480	6.87	-44.12	≤-13.13	PASS
3DH5	Ant1	Hopping	2402	0.24	-43.67	≤-19.76	PASS
		Hopping	2480	4.74	-42.78	≤-15.26	PASS







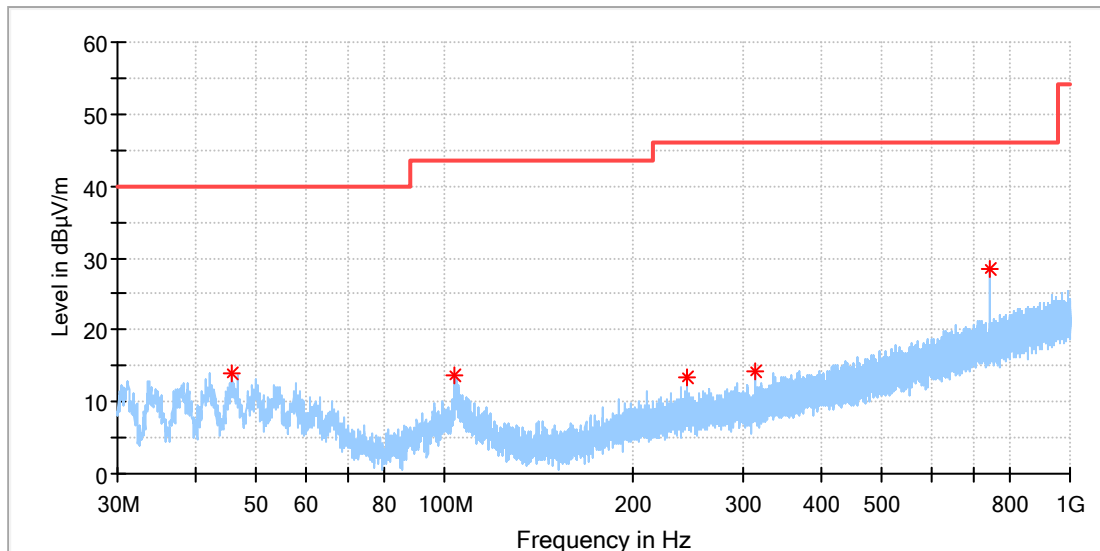
Appendix B.8: Test Results of Radiated Spurious Emissions

Note: 1. 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. 2. This testing was carried out on different modulations, but only the worst case (GFSK) was presented in this report.

30MHz - 1GHz

EUT Information

EUT Name:	BLUETOOTH HEADSET
Model:	TUNE 730BT
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168558319/A004019198-006
Test Voltage::	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

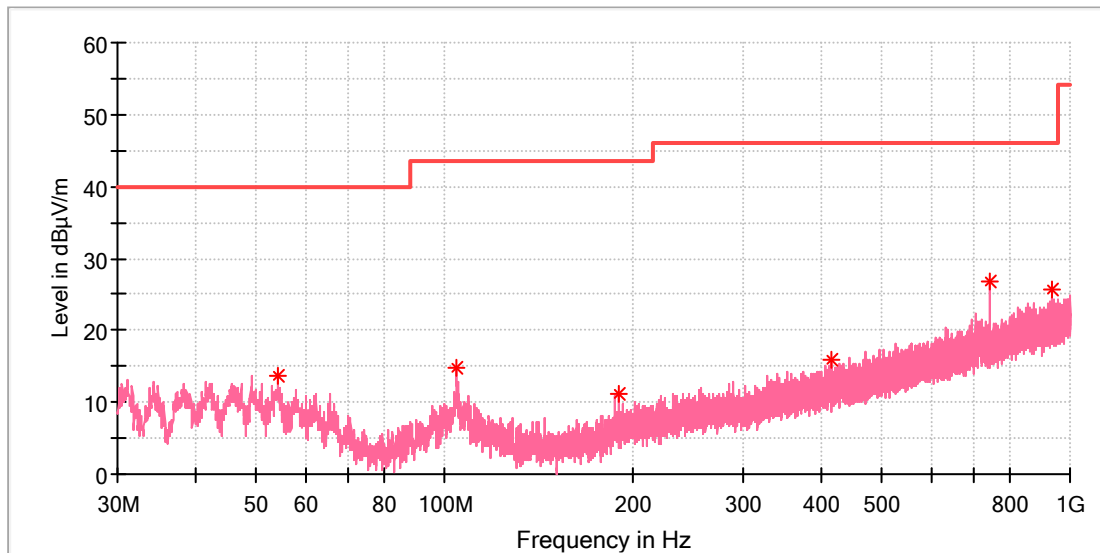


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.818462	14.02	40.00	25.98	100.0	H	50.0	-18.8
103.645385	13.71	43.50	29.79	100.0	H	294.0	-19.0
245.004231	13.30	46.00	32.70	100.0	H	115.0	-17.5
314.583077	14.36	46.00	31.64	100.0	H	50.0	-15.9
742.502308	28.60	46.00	17.40	100.0	H	24.0	-7.2

EUT Information

EUT Name:	BLUETOOTH HEADSET
Model:	TUNE 730BT
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168558319/A004019198-006
Test Voltage::	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

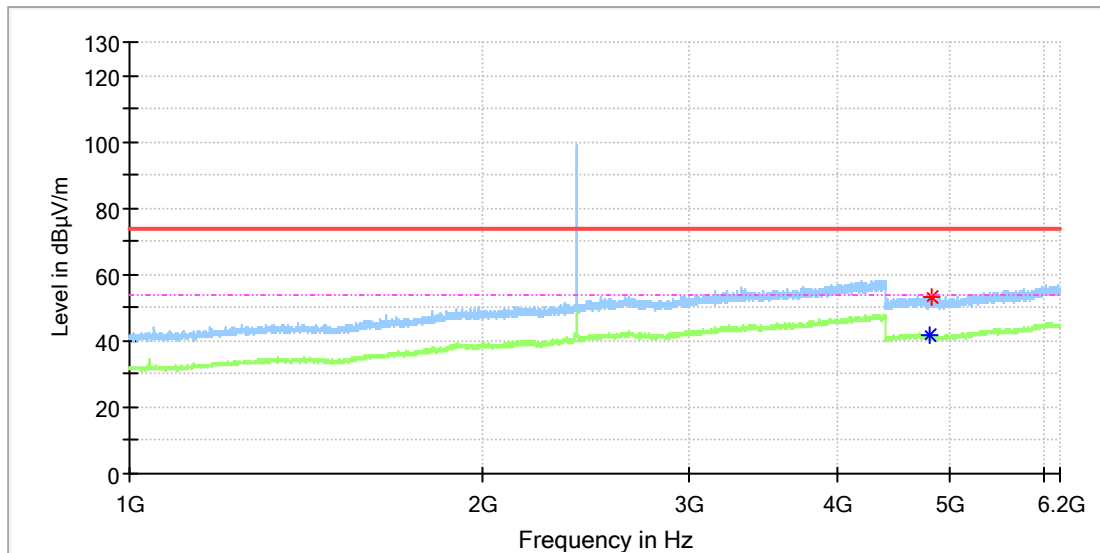
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
54.250000	13.64	40.00	26.36	100.0	V	166.0	-18.5
104.727308	14.68	43.50	28.82	100.0	V	263.0	-18.9
190.124615	11.03	43.50	32.47	100.0	V	0.0	-19.6
414.418462	15.78	46.00	30.22	100.0	V	185.0	-13.4
742.502308	26.70	46.00	19.30	100.0	V	85.0	-7.2
937.472308	25.56	46.00	20.44	100.0	V	108.0	-4.4

1GHz - 18GHz

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

EUT Information

EUT Name:	BLUETOOTH HEADSET
Model:	TUNE 730BT
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168558319/A004019198-006
Test Voltage::	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

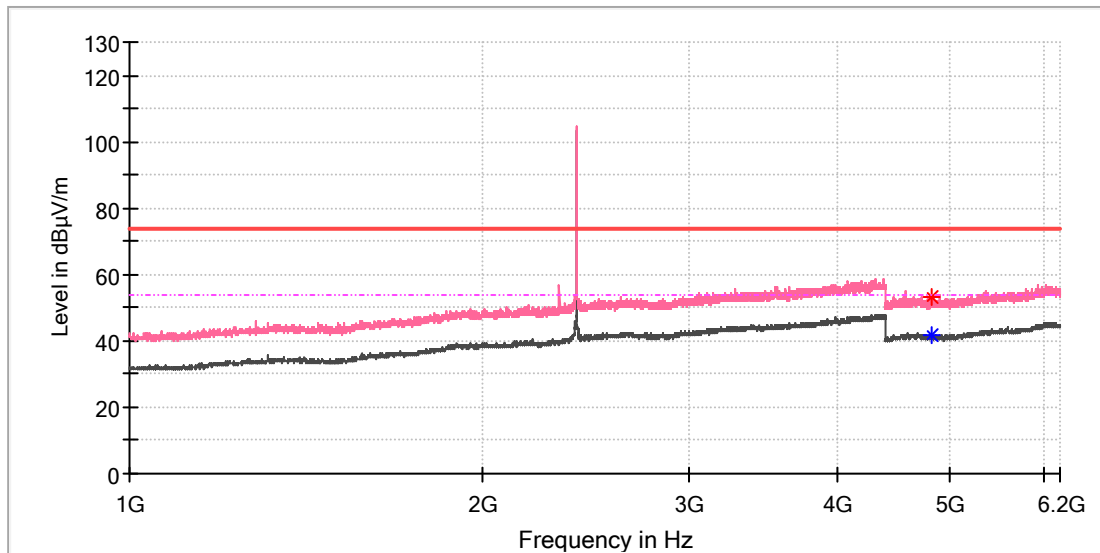


Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4809.000000	---	41.58	54.00	12.42	150.0	H	266.0	13.3
4814.000000	52.94	---	74.00	21.06	150.0	H	252.0	13.3

EUT Information

EUT Name:	BLUETOOTH HEADSET
Model:	TUNE 730BT
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168558319/A004019198-006
Test Voltage::	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

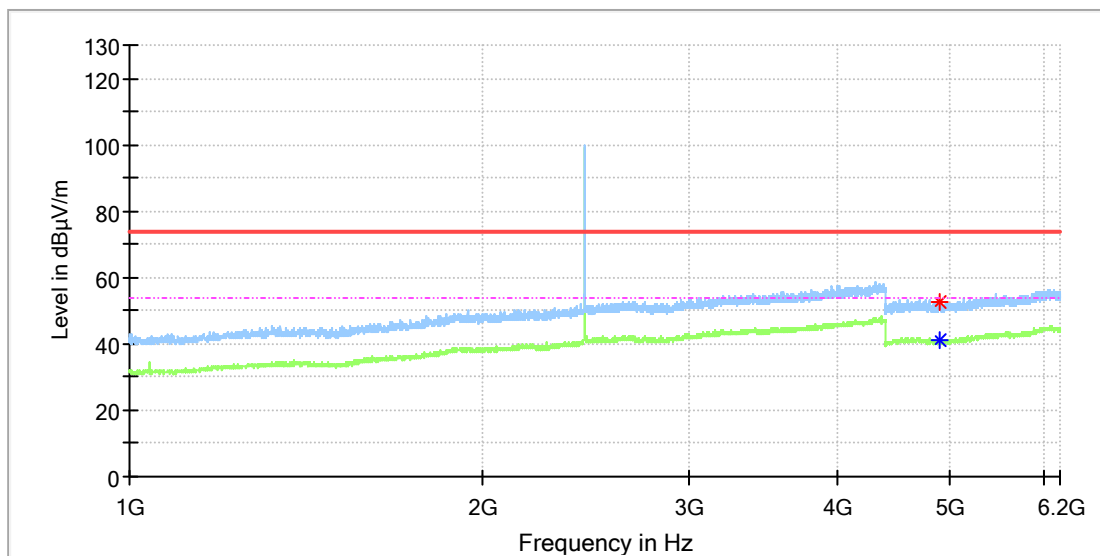


Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4813.000000	53.18	---	74.00	20.82	150.0	V	107.0	13.3
4830.000000	---	41.53	54.00	12.47	150.0	V	204.0	13.3

EUT Information

EUT Name:	BLUETOOTH HEADSET
Model:	TUNE 730BT
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168558319/A004019198-006
Test Voltage::	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

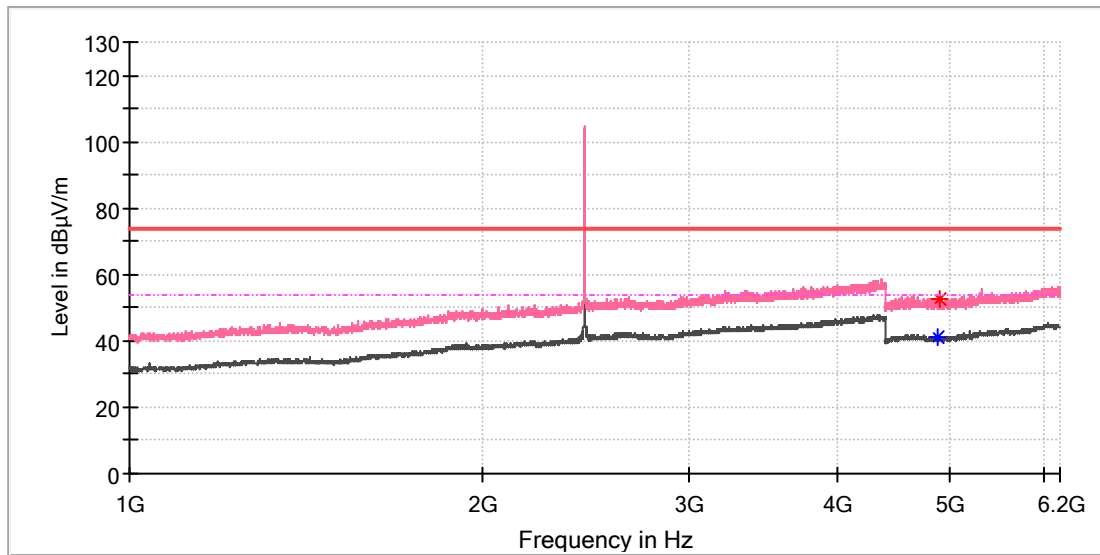


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4897.500000	---	41.28	54.00	12.72	150.0	H	191.0	13.3
4900.000000	52.37	---	74.00	21.63	150.0	H	205.0	13.3

EUT Information

EUT Name:	BLUETOOTH HEADSET
Model:	TUNE 730BT
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168558319/A004019198-006
Test Voltage::	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

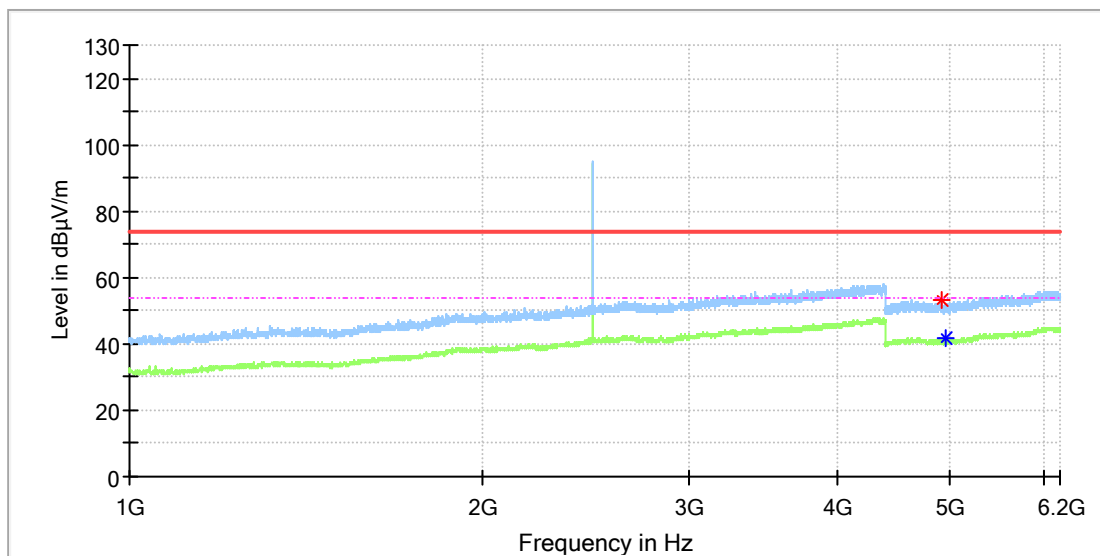


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4873.000000	---	41.02	54.00	12.98	150.0	V	207.0	13.3
4900.500000	52.76	---	74.00	21.24	150.0	V	229.0	13.3

EUT Information

EUT Name:	BLUETOOTH HEADSET
Model:	TUNE 730BT
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168558319/A004019198-006
Test Voltage::	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

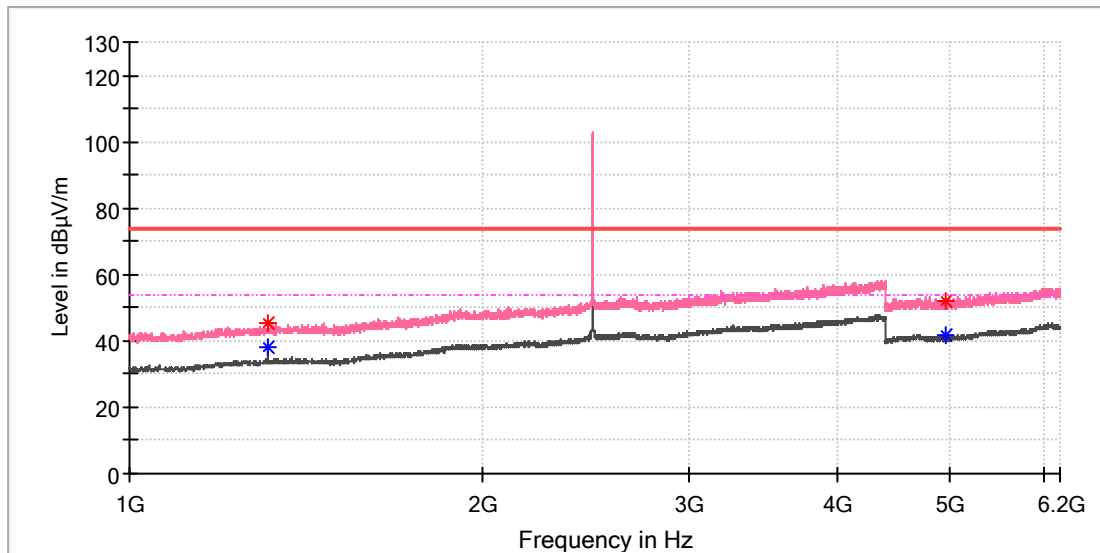


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4913.000000	52.99	---	74.00	21.01	150.0	H	341.0	13.3
4951.500000	---	41.69	54.00	12.31	150.0	H	345.0	13.3

EUT Information

EUT Name: BLUETOOTH HEADSET
Model: TUNE 730BT
Test Mode: BR_DH5_High channel
Order No/Sample No: 168558319/A004019198-006
Test Voltage:: Battery
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin

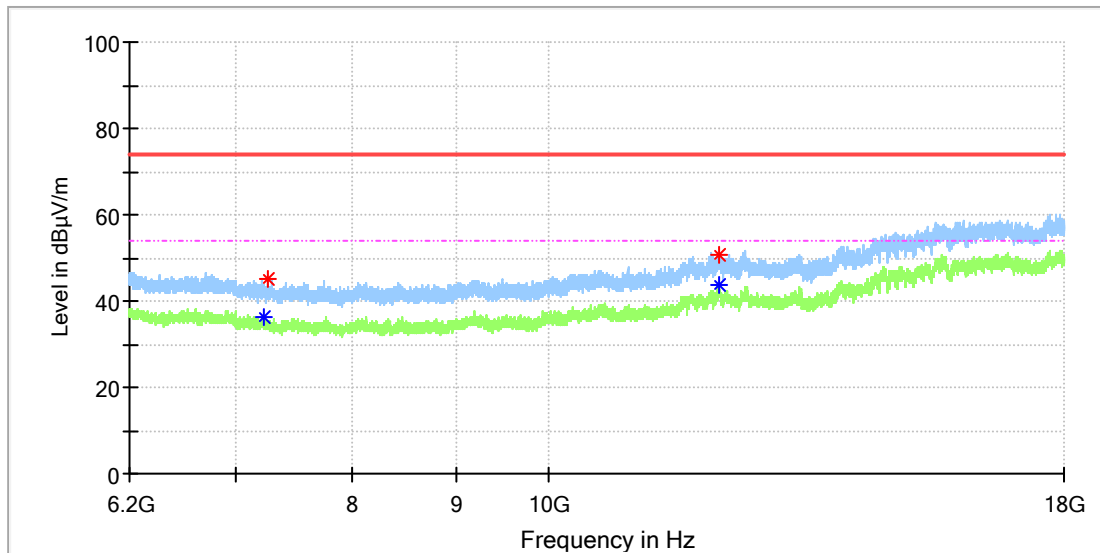


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1312.000000	---	38.08	54.00	15.92	150.0	V	280.0	2.8
1312.000000	45.61	---	74.00	28.39	150.0	V	280.0	2.8
4958.500000	52.12	---	74.00	21.88	150.0	V	217.0	13.3
4960.000000	---	41.50	54.00	12.50	150.0	V	277.0	13.3

EUT Information

EUT Name:	BLUETOOTH HEADSET
Model:	TUNE 730BT
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168558319/A004019198-006
Test Voltage::	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

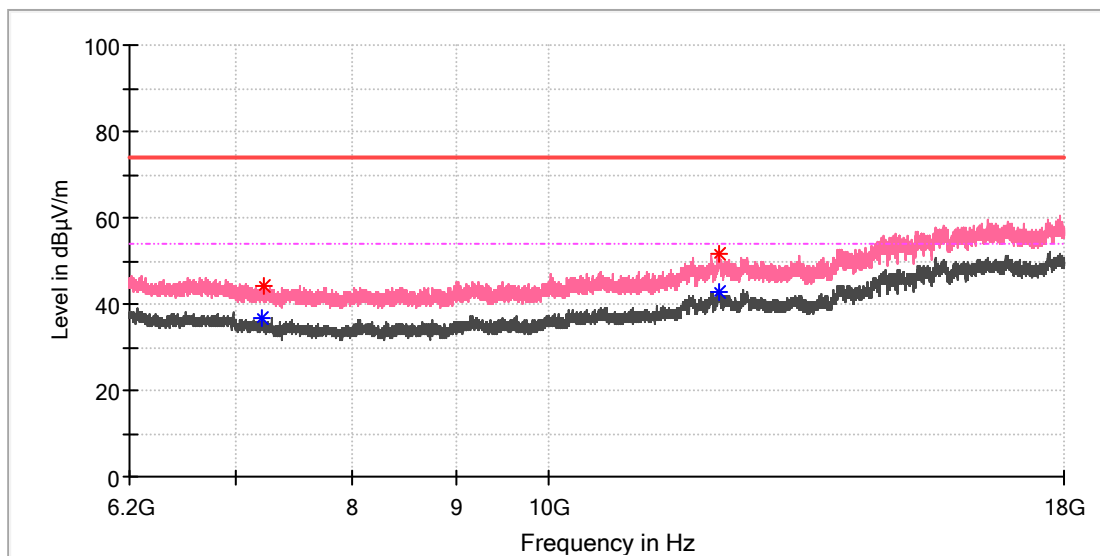


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7227.091667	---	36.24	54.00	17.76	150.0	H	138.0	8.7
7257.083333	45.13	---	74.00	28.87	150.0	H	289.0	8.5
12145.725000	---	43.83	54.00	10.17	150.0	H	18.0	16.6
12148.675000	50.72	---	74.00	23.28	150.0	H	0.0	16.7

EUT Information

EUT Name:	BLUETOOTH HEADSET
Model:	TUNE 730BT
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168558319/A004019198-006
Test Voltage::	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

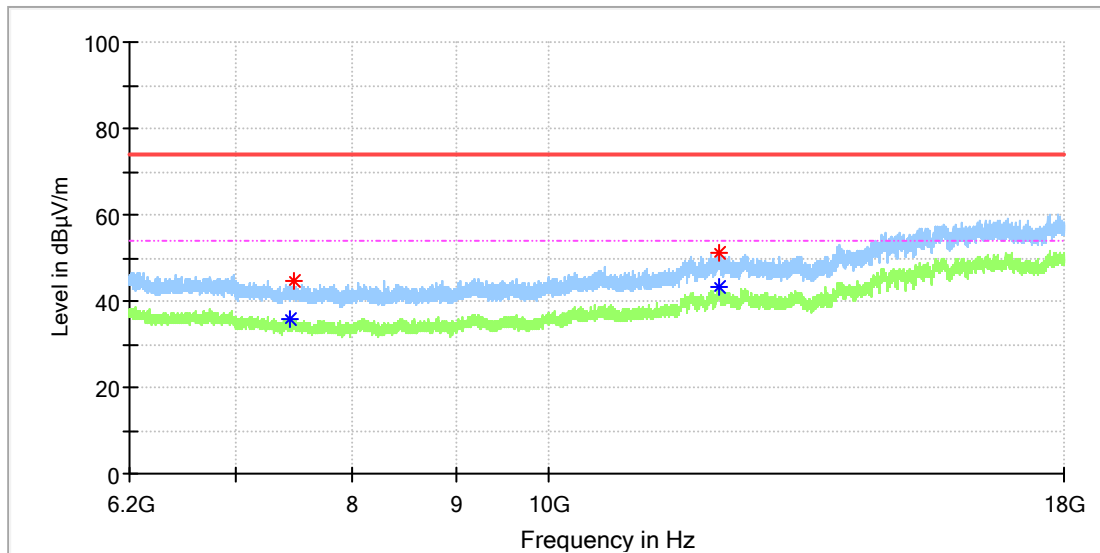


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7216.766667	---	36.92	54.00	17.08	150.0	V	181.0	8.7
7219.716667	44.02	---	74.00	29.98	150.0	V	46.0	8.7
12147.200000	---	42.79	54.00	11.21	150.0	V	93.0	16.7
12158.016667	51.51	---	74.00	22.49	150.0	V	105.0	16.3

EUT Information

EUT Name:	BLUETOOTH HEADSET
Model:	TUNE 730BT
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168558319/A004019198-006
Test Voltage::	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

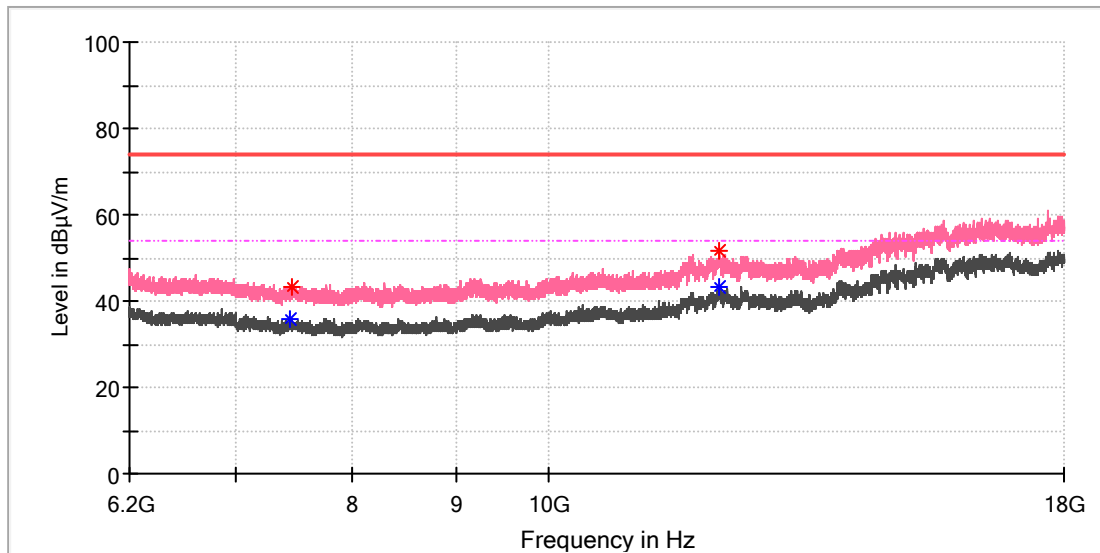


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7449.816667	---	35.78	54.00	18.22	150.0	H	274.0	8.5
7484.725000	44.64	---	74.00	29.36	150.0	H	0.0	8.7
12135.891667	50.97	---	74.00	23.03	150.0	H	48.0	16.4
12148.675000	---	43.48	54.00	10.52	150.0	H	219.0	16.7

EUT Information

EUT Name:	BLUETOOTH HEADSET
Model:	TUNE 730BT
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168558319/A004019198-006
Test Voltage::	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

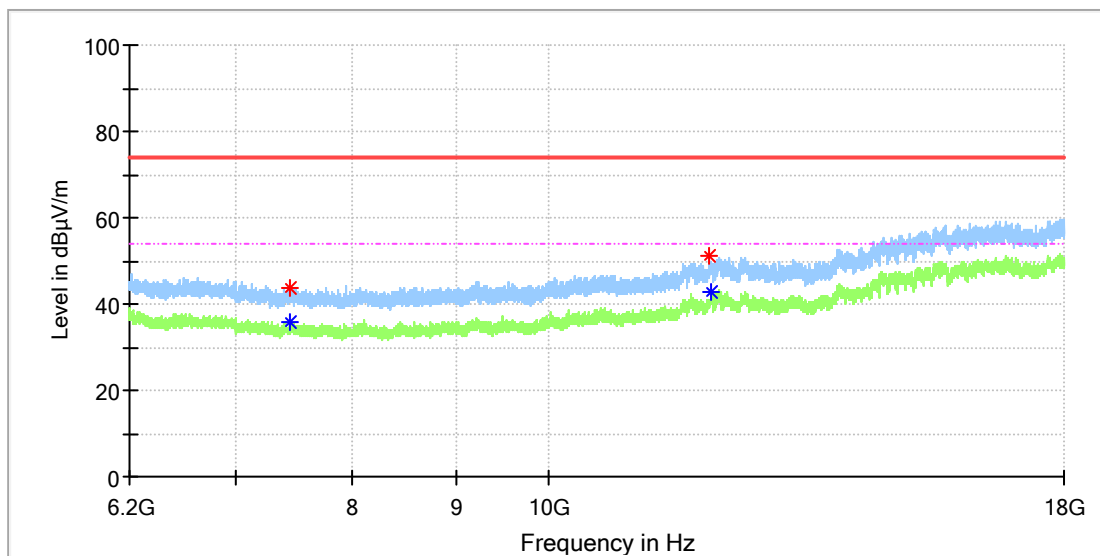


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7437.033333	---	35.94	54.00	18.06	150.0	V	293.0	8.4
7458.666667	43.27	---	74.00	30.73	150.0	V	210.0	8.5
12144.741667	---	43.06	54.00	10.94	150.0	V	258.0	16.6
12157.525000	51.41	---	74.00	22.59	150.0	V	2.0	16.3

EUT Information

EUT Name:	BLUETOOTH HEADSET
Model:	TUNE 730BT
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168558319/A004019198-006
Test Voltage::	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

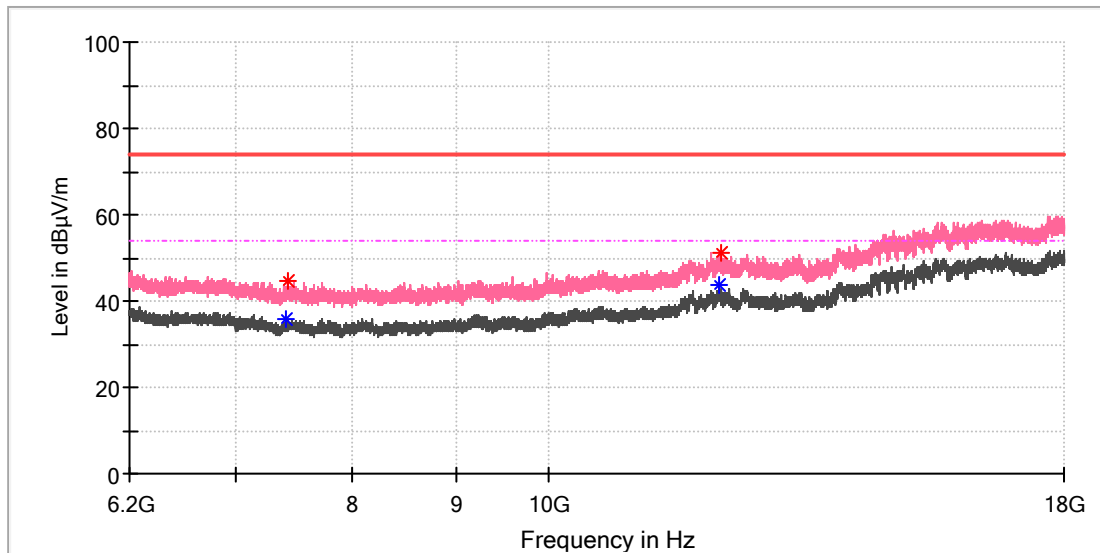


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7439.491667	43.78	---	74.00	30.22	150.0	H	278.0	8.4
7440.966667	---	35.76	54.00	18.24	150.0	H	338.0	8.4
12013.958333	51.17	---	74.00	22.83	150.0	H	6.0	15.6
12041.983333	---	42.82	54.00	11.18	150.0	H	0.0	16.2

EUT Information

EUT Name:	BLUETOOTH HEADSET
Model:	TUNE 730BT
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168558319/A004019198-006
Test Voltage::	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



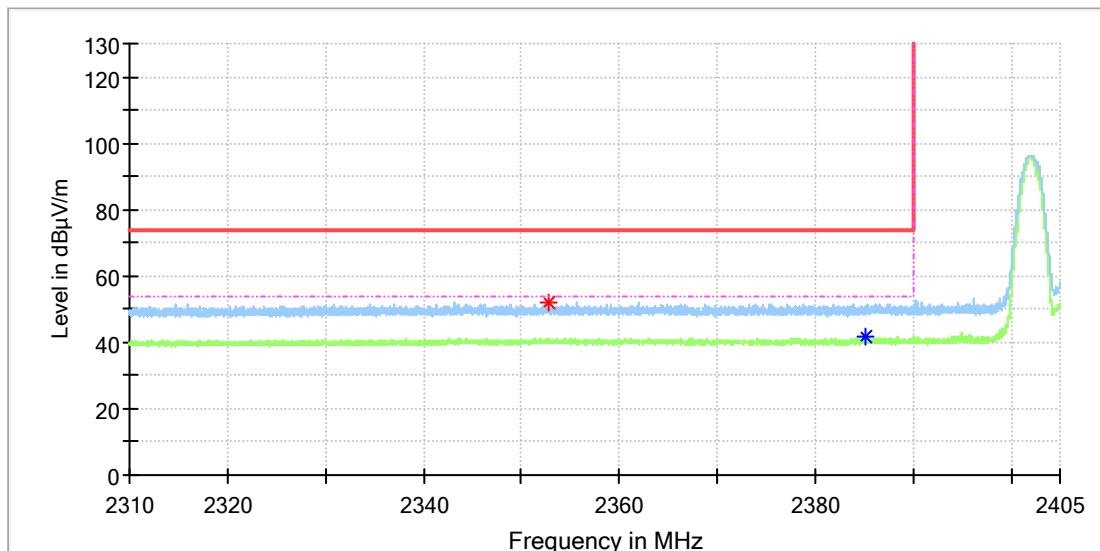
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7418.350000	---	35.98	54.00	18.02	150.0	V	85.0	8.4
7427.691667	44.56	---	74.00	29.44	150.0	V	305.0	8.4
12147.200000	---	43.58	54.00	10.42	150.0	V	141.0	16.7
12167.850000	51.04	---	74.00	22.96	150.0	V	52.0	15.8

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

EUT Information

EUT Name:	BLUETOOTH HEADSET
Model:	TUNE 730BT
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168558319/A004019198-006
Test Voltage::	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

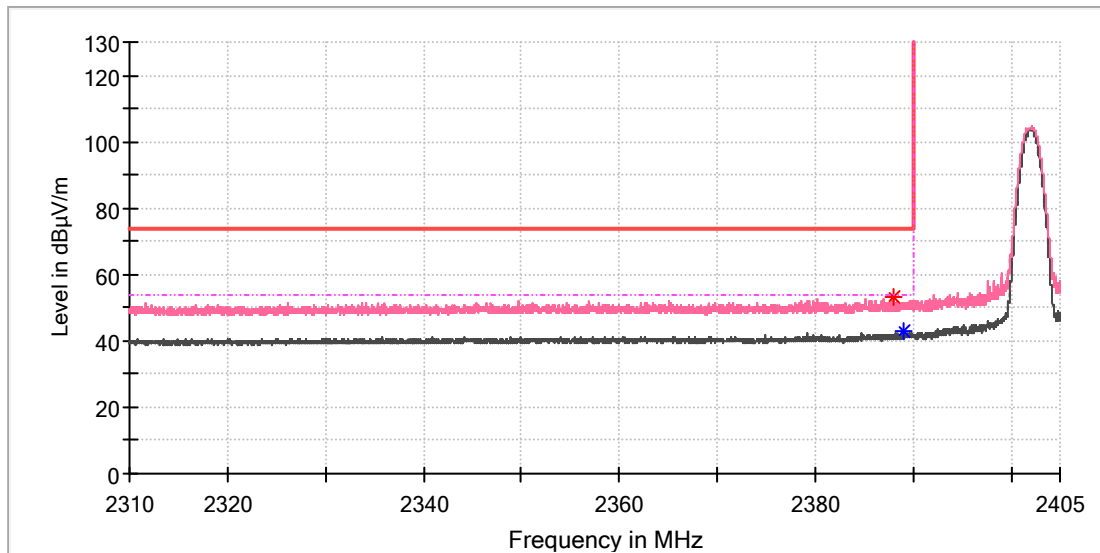


Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2352.763971	52.15	---	74.00	21.85	150.0	H	300.0	8.5
2385.203677	---	41.52	54.00	12.48	150.0	H	262.0	8.5

EUT Information

EUT Name:	BLUETOOTH HEADSET
Model:	TUNE 730BT
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168558319/A004019198-006
Test Voltage::	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

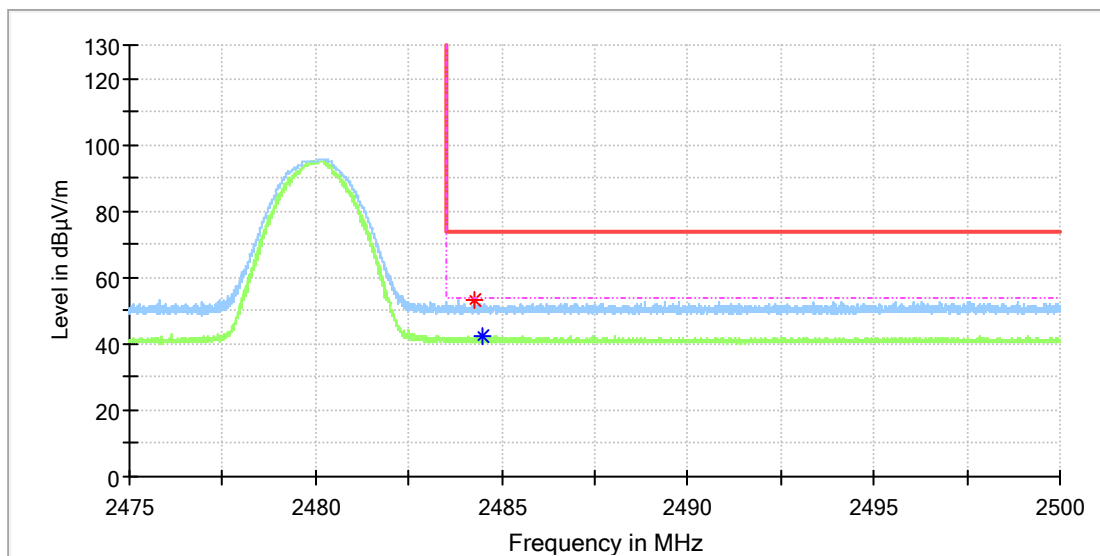


Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.011765	53.13	---	74.00	20.87	150.0	V	73.0	8.5
2388.947794	---	42.79	54.00	11.21	150.0	V	48.0	8.5

EUT Information

EUT Name:	BLUETOOTH HEADSET
Model:	TUNE 730BT
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168558319/A004019198-006
Test Voltage::	Battery
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

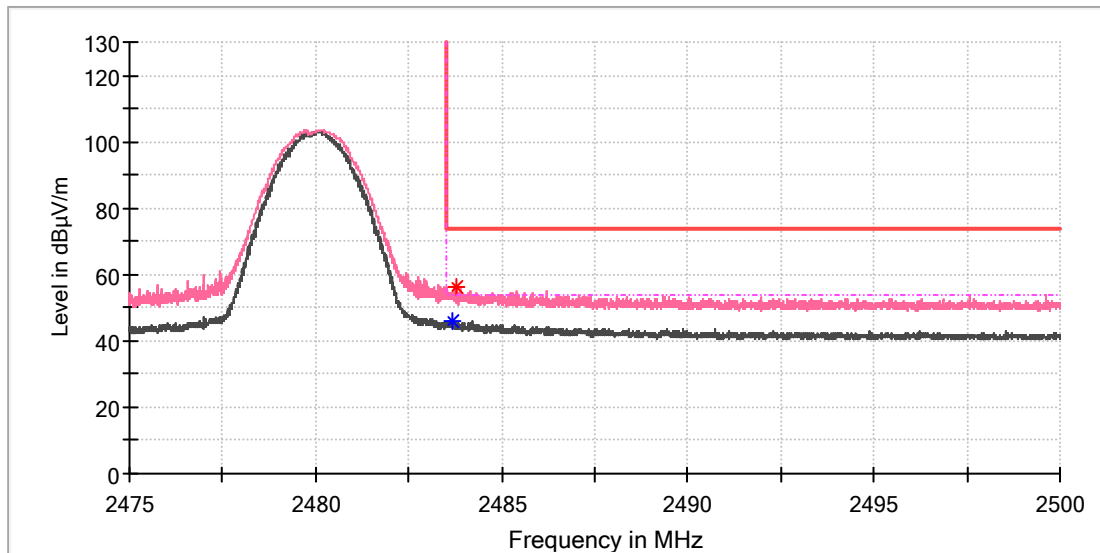


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.294118	53.12	---	74.00	20.88	150.0	H	0.0	9.0
2484.466912	---	42.39	54.00	11.61	150.0	H	0.0	9.0

EUT Information

EUT Name:	BLUETOOTH HEADSET
Model:	TUNE 730BT
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168558319/A004019198-006
Test Voltage::	Battery
Remark:	Temp 24 Humi:50%
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)
2483.661765	---	45.92	54.00	8.08	150.0	V	85.0	9.0
2483.775735	56.32	---	74.00	17.68	150.0	V	79.0	9.0