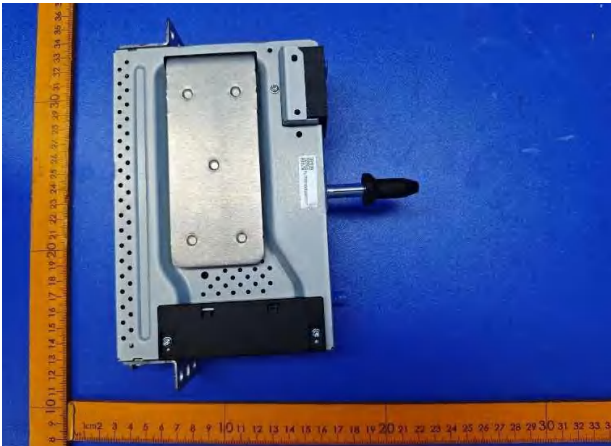


Prüfbericht-Nr.: Test report no.:	CN25QEKB 002	Auftrags-Nr.: Order no.:	168537194	Seite 1 von 12 Page 1 of 12
Kunden-Referenz-Nr.: Client reference no.:	N/A	Auftragsdatum: Order date:	2025-01-08	
Auftraggeber: Client:	SAIC GM WULING AUTOMOBILE CO.,LTD 18th Hexi Road, Liuzhou City, Guangxi, Zhuang Autonomous Region, China			
Prüfgegenstand: Test item:	Non-connected Voice Communication System Assembly			
Bezeichnung / Typ-Nr.: Identification / Type no.:	MP-202S-01			
Auftrags-Inhalt: Order content:	Test Report			
Prüfgrundlage: Test specification:	CFR47 FCC Part 15: Subpart C Section 15.247			
Wareneingangsdatum: Date of sample receipt:	2025-01-21			
Prüfmuster-Nr.: Test sample no.:	A003900031-001~012			
Prüfzeitraum: Testing period:	2025-01-21 - 2025-03-20			
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:	 Signed by: Jonathan Li		genehmigt von: authorized by:	 Signed by: Lin Lin
Datum: Date:	2025-03-21	Ausstellungsdatum: Issue date:	2025-03-21	
Stellung / Position:	Sachverständige(r)/Expert		Stellung / Position:	Sachverständige(r)/Expert
Sonstiges / Other:	This report is for BDR/EDR operation. FCC ID: 2AVYX-MP202S01			
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. <i>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.</i>				

Prüfbericht-Nr.: CN25QEKB 002
Test report no.:

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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>
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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 115:2021, 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>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i>

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

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1 General Remarks

1.1 Complementary Materials

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

Appendix A: Photographs of the Test Set-up

Appendix B: Test Results of Bluetooth BR/EDR mode

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

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. 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
Test Software	Tonscend	JS1120-3	N/A	N/A
Control PC	Lenovo	TianYi510S-071MB	YLX23JMF	N/A
Unwanted Emission Testing (TS9975)				
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

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Control PC	Dell	OptiPlex 7050	36NV9P2	N/A
3m Semi-Anechoic Chamber	Albatross	SAC-3m	APC17151-SAC	13.09.2027

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)
Occupied Channel Bandwidth	$\pm 2.08 \%$
RF output power, 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) 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, 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 Non-connected Voice Communication System Assembly intended to be assembled into automotive environment, which supports Bluetooth (dual mode) technologies.

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
Product Name:	Non-connected Voice Communication System Assembly
Model No.:	MP-202S-01
Operating Voltage:	DC 12V
Testing Voltage:	DC 12 V
Operating Temperature Range:	-30 °C ~ 80 °C
Technical Specification of Bluetooth BDR/EDR	
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 of Bluetooth:	1 dBi

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. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

- | | |
|----------------------------------|-------------------------|
| - Application Form | - Operation Description |
| - FCC/IC Label and Location Info | - Block Diagram |
| - Schematics | - PCB Layout |

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: 2013.

According to clause 3.1, all tests were performed on model MP-202S-01 in this report.

4.3 Special Accessories and Auxiliary Equipment

Table 5: Auxiliary Equipment Used during Test

Description	Manufacturer	Model	S/N
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)

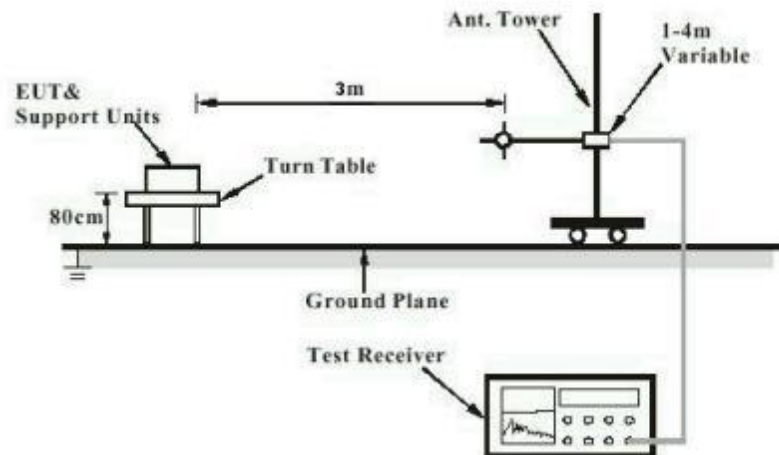
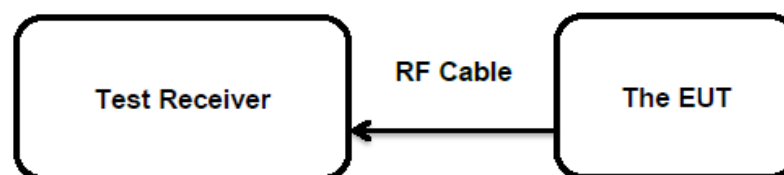


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)



Diagram of Measurement Configuration for 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, the directional gain of antenna is 1dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement.

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

Refer to EUT Photo for further details.

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5.1.2 Maximum Peak Conducted Output Power

RESULT:

Pass

Test Specification

Test standard : FCC Part 15.247(b)(1)
 Basic standard : ANSI C63.10: 2013
 Limits : FHSS < 0.125 Watts
 Kind of test site : Shielded Room

Test Setup

Date of testing : 2025-01-21 - 2025-03-20
 Input voltage : DC 12.0V
 Operation mode : B
 Ambient temperature : 24.9 °C
 Relative humidity : 41 %
 Atmospheric pressure : 101 kPa

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 (BDR)	2402.0	4.55	0.0029	< 0.125
	2441.0	5.08	0.0032	
	2480.0	4.96	0.0031	
8DPSK (EDR)	2402.0	7.38	0.0055	
	2441.0	7.76	0.0060	
	2480.0	7.64	0.0058	
Maximum Measured Value		7.76	0.0060	

Note:

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

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5.1.3 99% Bandwidth

RESULT:

Pass

Test Specification

Test standard : FCC Part 15.247(a)

Basic standard : ANSI C63.10: 2013
Kind of test site : Shielded Room

Test Setup

Date of testing : 2025-01-21 - 2025-03-20
Input voltage : DC 12.0V
Operation mode : A
Test channel : Low / Middle / High
Ambient temperature : 24.9 °C
Relative humidity : 41 %
Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix B.

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5.1.4 20dB Bandwidth

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

Test standard : FCC Part 15.247(a)(1)

Basic standard : ANSI C63.10: 2013

Kind of test site : Shielded Room

Test Setup

Date of testing : 2025-01-21 - 2025-03-20

Input voltage : DC 12.0V

Operation mode : A

Test channel : Low / Middle / High

Ambient temperature : 24.9 °C

Relative humidity : 41 %

Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix B.

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5.1.5 Carrier Frequency Separation

RESULT:

Pass

Test Specification

Test standard : FCC Part 15.247(a)(1)

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 : 2025-01-21 - 2025-03-20

Input voltage : DC 12.0V

Operation mode : B

Test channel : Low / Middle / High

Ambient temperature : 24.9 °C

Relative humidity : 41 %

Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix B.

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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: 2013
Limits	: ≥ 15 non-overlapping channels
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2025-01-21 - 2025-03-20
Input voltage	: DC 12.0V
Operation mode	: B
Ambient temperature	: 24.9 °C
Relative humidity	: 41 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix B.

5.1.7 Time of Occupancy

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

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

Test Setup

Date of testing	: 2025-01-21 - 2025-03-20
Input voltage	: DC 12.0V
Operation mode	: B
Ambient temperature	: 24.9 °C
Relative humidity	: 41 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix B.

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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: 2013
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	: 2025-01-21 - 2025-03-20
Input voltage	: DC 12.0V
Operation mode	: A
Test channel	: Low / Middle / High
Ambient temperature	: 24.9 °C
Relative humidity	: 41 %
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 B.

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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: 2013

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 : 2025-01-21 - 2025-03-20

Input voltage : DC 12.0V

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 B.

6 Photographs of the Test Set-Up

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

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1.1 Appendix 1: 20dB Emission Bandwidth

1.1.1 Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.945	2401.544	2402.489	---	---
		2441	0.948	2440.544	2441.492	---	---
		2480	0.942	2479.544	2480.486	---	---
3DH5	Ant1	2402	1.308	2401.352	2402.660	---	---
		2441	1.329	2440.337	2441.666	---	---
		2480	1.299	2479.352	2480.651	---	---

1.1.2 Test Graphs





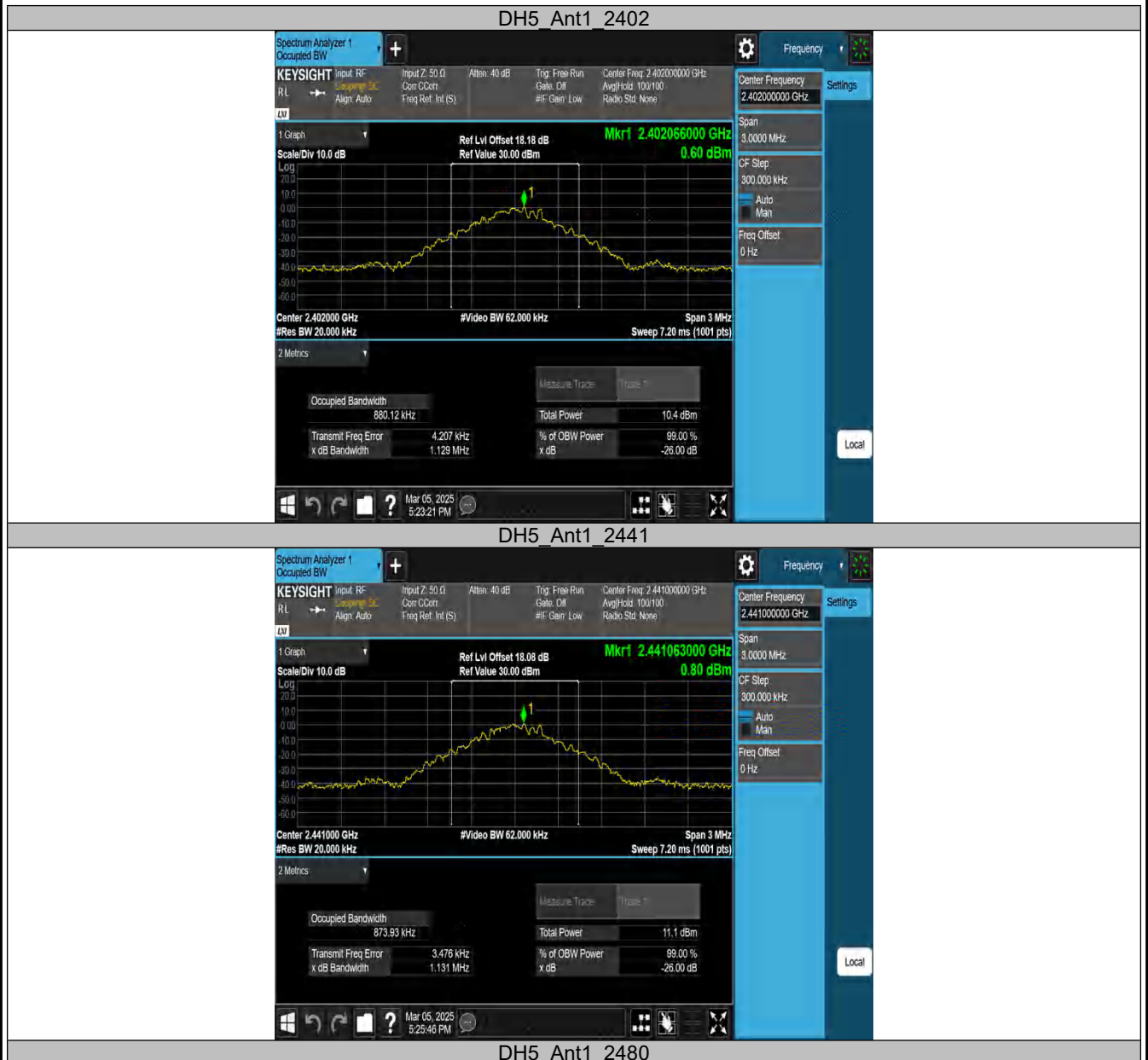


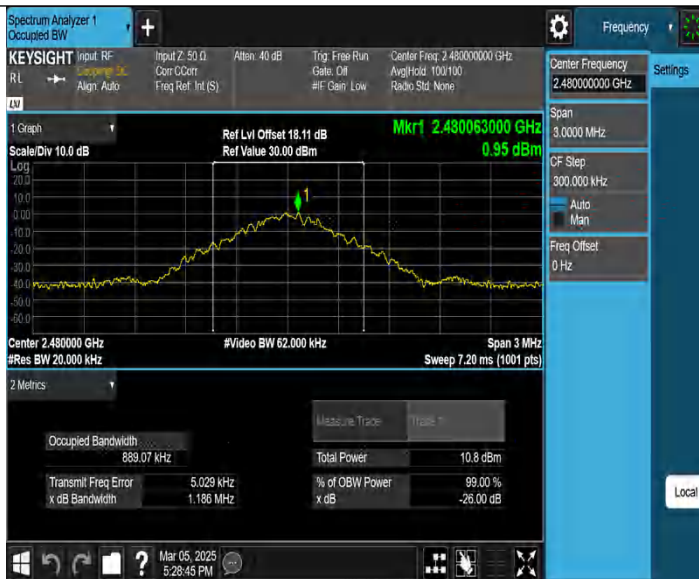
1.2 Appendix 2: Occupied Channel Bandwidth

1.2.1 Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.88012	2401.5642	2402.4443	---	---
		2441	0.87393	2440.5665	2441.4404	---	---
		2480	0.88907	2479.5605	2480.4496	---	---
3DH5	Ant1	2402	1.1939	2401.4014	2402.5953	---	---
		2441	1.1837	2440.4072	2441.5909	---	---
		2480	1.1735	2479.4173	2480.5908	---	---

1.2.2 Test Graphs





3DH5 Ant1_2402



3DH5 Ant1_2441



3DH5 Ant1_2480



1.3 Appendix 3: Maximum conducted output power

1.3.1 Test Result PK

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	4.55	≤30	PASS
		2441	5.08	≤30	PASS
		2480	4.96	≤30	PASS
3DH5	Ant1	2402	7.38	≤20.97	PASS
		2441	7.76	≤20.97	PASS
		2480	7.64	≤20.97	PASS

1.3.2 Test Result AV

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	4.22	≤30	PASS
		2441	4.73	≤30	PASS
		2480	4.64	≤30	PASS
3DH5	Ant1	2402	5.87	≤20.97	PASS
		2441	6.26	≤20.97	PASS
		2480	5.76	≤20.97	PASS

1.4 Appendix 4: Carrier frequency separation

1.4.1 Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.052	≥ 0.948	PASS
3DH5	Ant1	Hop	1.31	≥ 0.886	PASS

1.4.2 Test Graphs

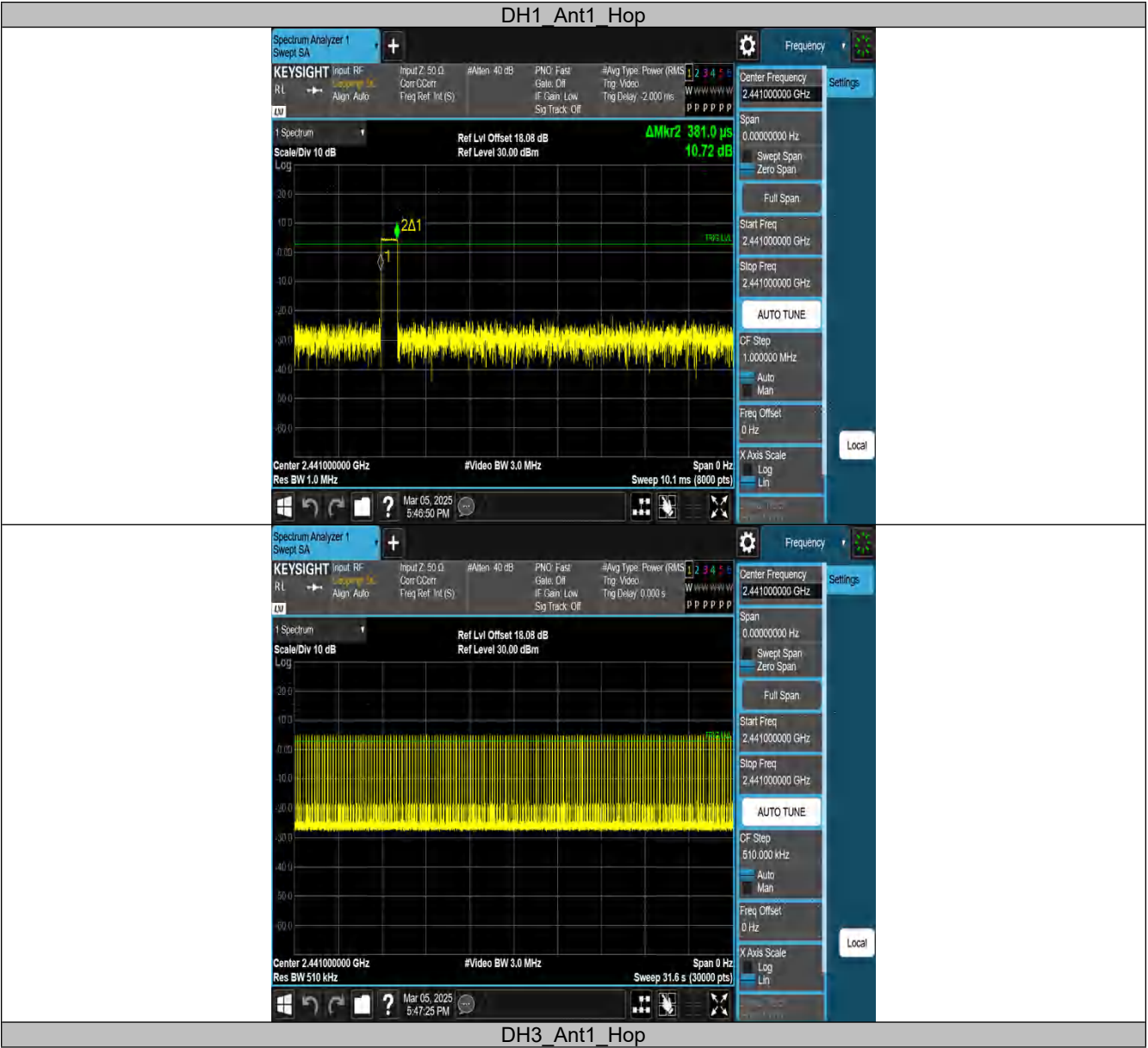


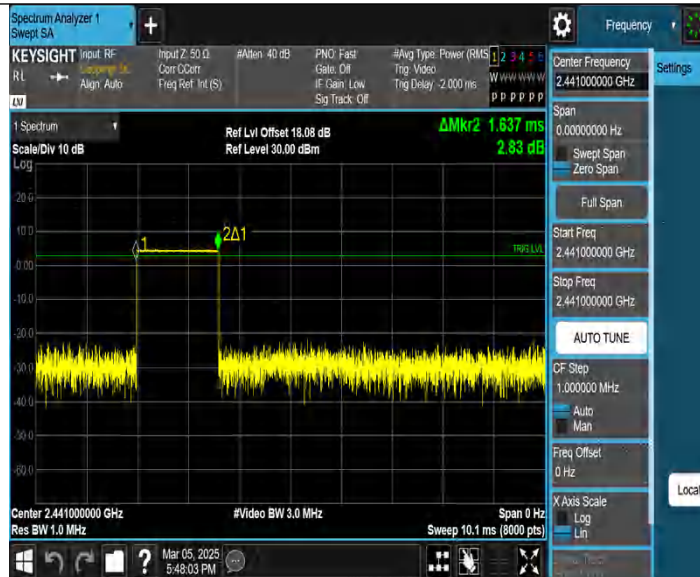
1.5 Appendix 5: Time of occupancy

1.5.1 Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.381	315	0.12	≤0.4	PASS
DH3	Ant1	Hop	1.637	158	0.259	≤0.4	PASS
DH5	Ant1	Hop	2.884	117	0.337	≤0.4	PASS
3DH1	Ant1	Hop	0.389	310	0.121	≤0.4	PASS
3DH3	Ant1	Hop	1.642	174	0.286	≤0.4	PASS
3DH5	Ant1	Hop	2.892	115	0.333	≤0.4	PASS

1.5.2 Test Graphs





DH5 Ant1 Hop

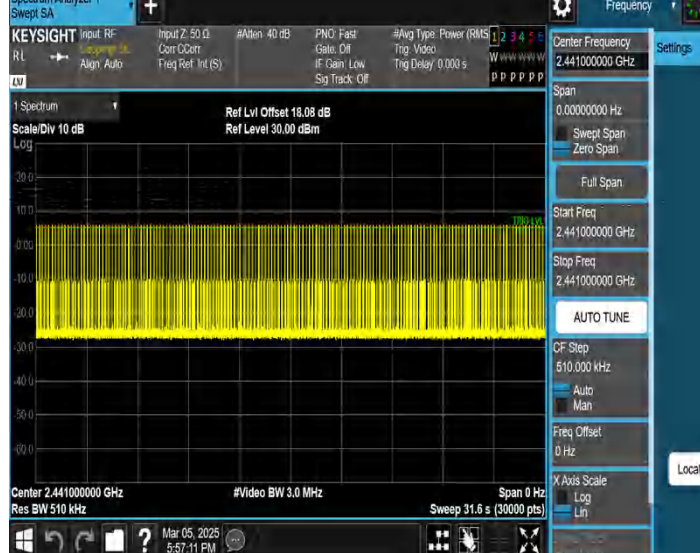




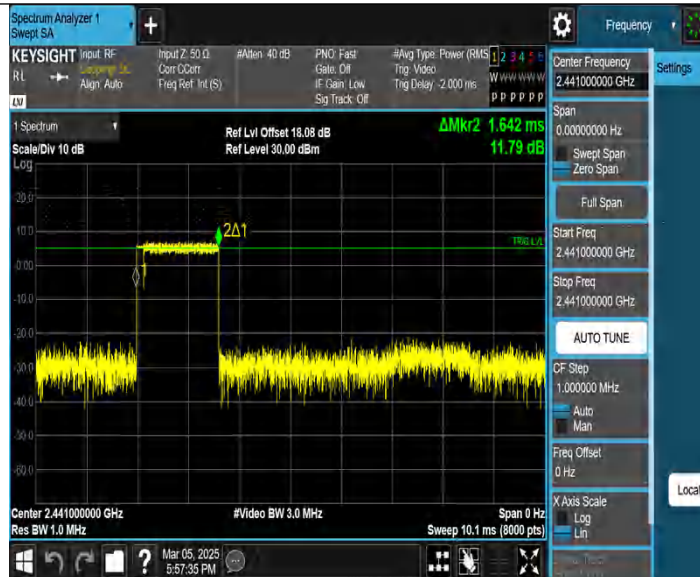
3DH1 Ant1 Hop



3DH3 Ant1 Hop



3DH3 Ant1 Hop



3DH5 Ant1 Hop





1.6 Appendix 6: Number of hopping channels

1.6.1 Test Result

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

1.6.2 Test Graphs



1.7 Appendix 7: Band edge measurements

1.7.1 Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	3.52	-42.37	≤-16.48	PASS
		High	2480	4.28	-43.09	≤-15.72	PASS
3DH5	Ant1	Low	2402	4.57	-42.53	≤-15.43	PASS
		High	2480	5.82	-43.21	≤-14.18	PASS
DH5	Ant1	Hopping	2402	3.48	-45.07	≤-16.52	PASS
		Hopping	2480	3.95	-42.91	≤-16.05	PASS
3DH5	Ant1	Hopping	2402	0.42	-43.83	≤-19.58	PASS
		Hopping	2480	2.79	-44.16	≤-17.21	PASS

1.7.2 Test Graphs





DH5 Ant1 Hopping 2402



DH5 Ant1 Hopping 2480



3DH5 Ant1 Hopping 2402

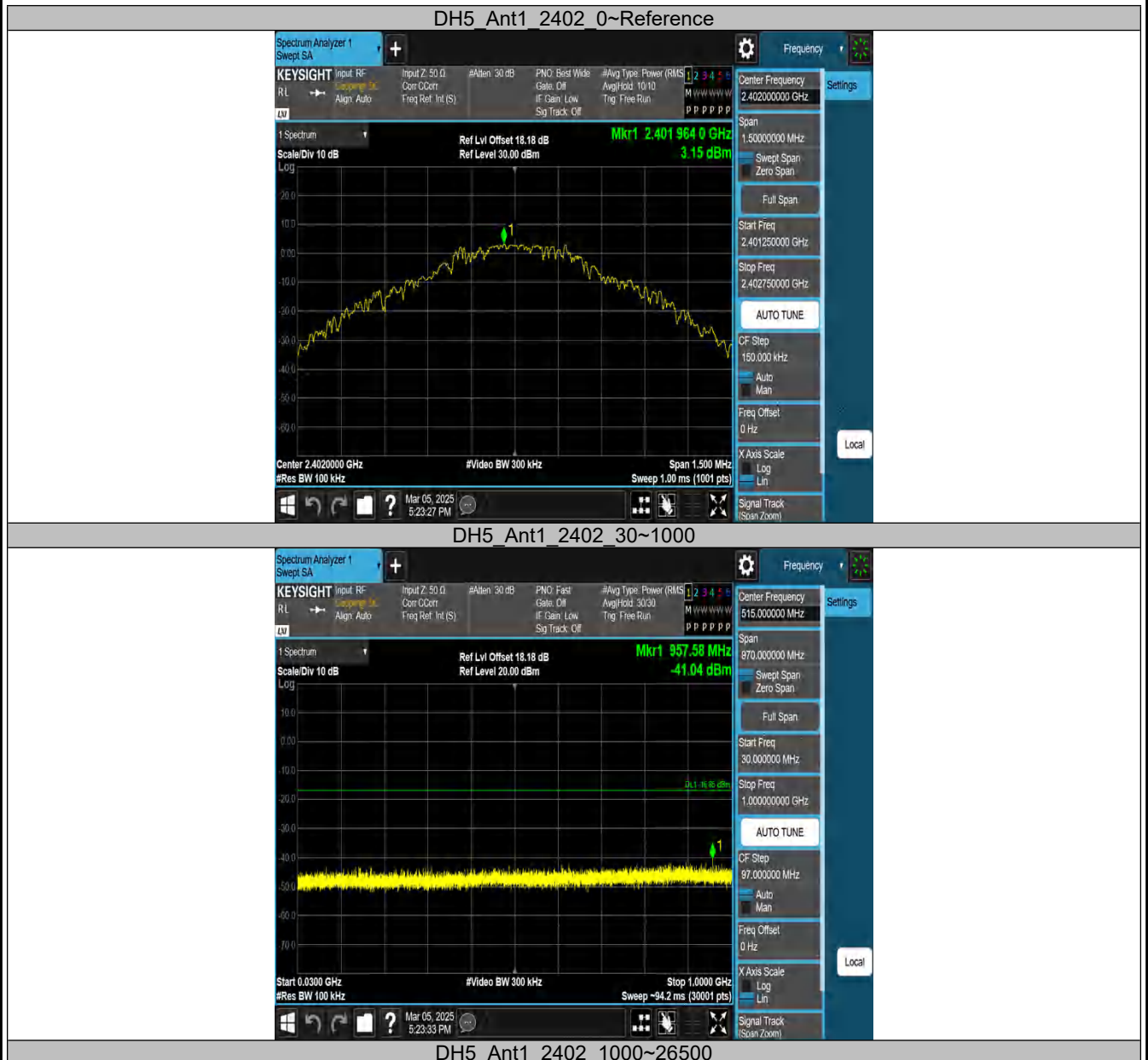


1.8 Appendix 8: Conducted Spurious Emission

1.8.1 Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	3.15	3.15	---	PASS
			30~1000	3.15	-41.04	≤-16.85	PASS
			1000~26500	3.15	-32.15	≤-16.85	PASS
		2441	Reference	4.53	4.53	---	PASS
			30~1000	4.53	-41.59	≤-15.47	PASS
			1000~26500	4.53	-33.03	≤-15.47	PASS
		2480	Reference	3.50	3.50	---	PASS
			30~1000	3.50	-41.79	≤-16.5	PASS
			1000~26500	3.50	-33.21	≤-16.5	PASS
3DH5	Ant1	2402	Reference	4.25	4.25	---	PASS
			30~1000	4.25	-41.62	≤-15.75	PASS
			1000~26500	4.25	-32.4	≤-15.75	PASS
		2441	Reference	2.21	2.21	---	PASS
			30~1000	2.21	-41.64	≤-17.79	PASS
			1000~26500	2.21	-32.53	≤-17.79	PASS
		2480	Reference	4.64	4.64	---	PASS
			30~1000	4.64	-42.36	≤-15.36	PASS
			1000~26500	4.64	-32.83	≤-15.36	PASS

1.8.2 Test Graphs

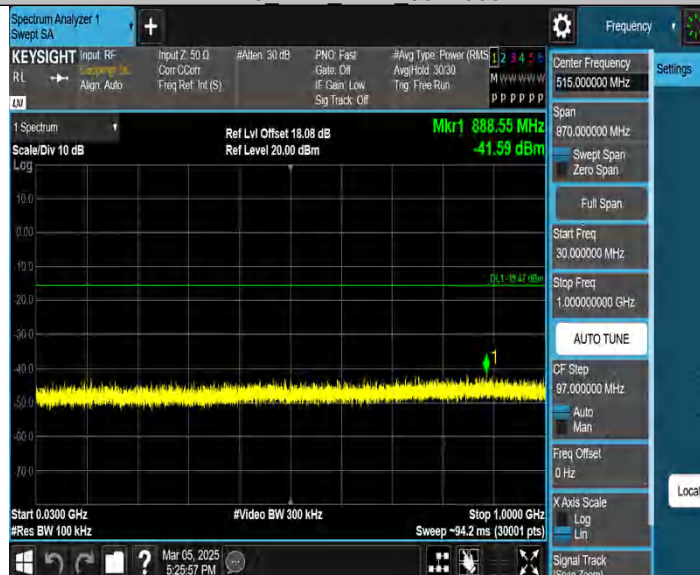




DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000



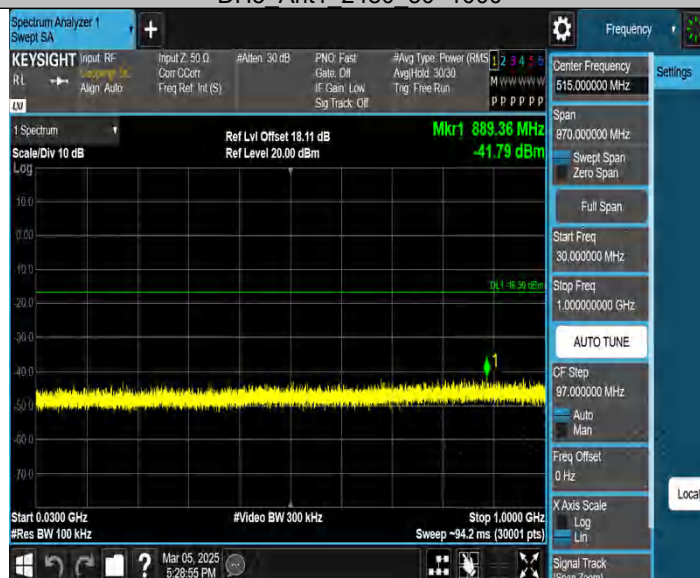
DH5_Ant1_2441_1000~26500



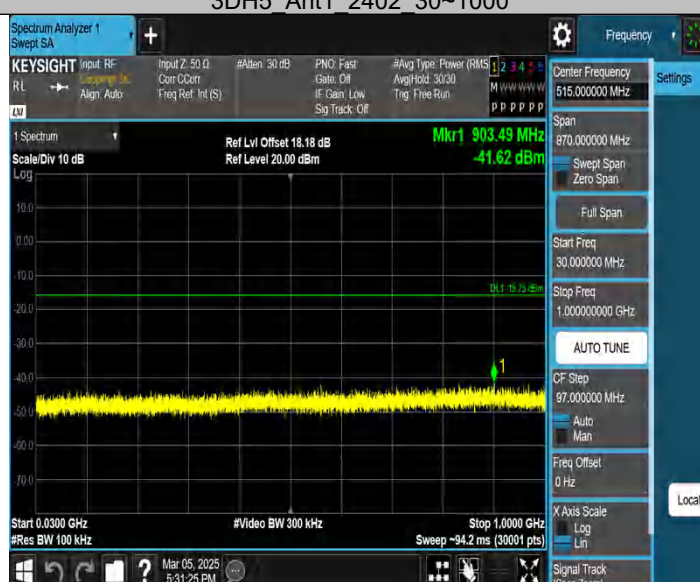
DH5 Ant1 2480 0~Reference



DH5 Ant1 2480 30~1000



DH5 Ant1 2480 1000~26500

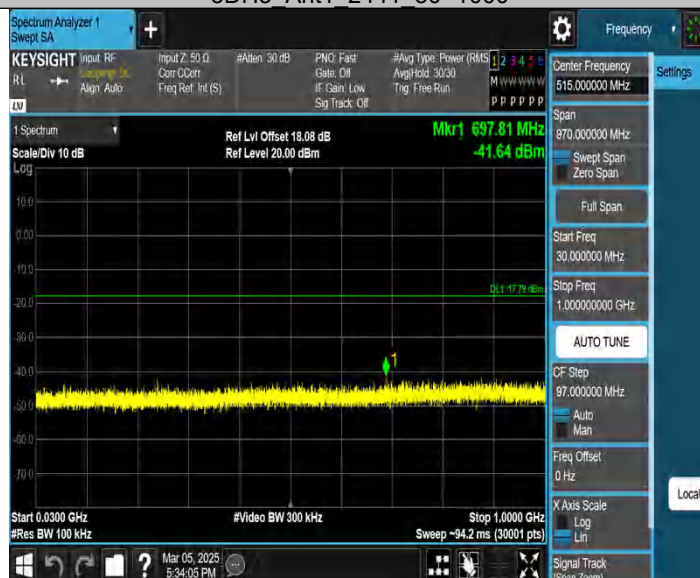




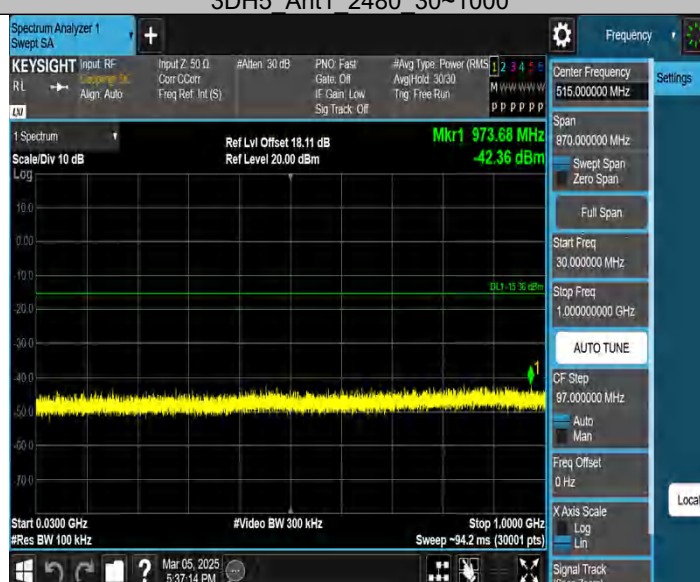
3DH5_Ant1_2441_0~Reference



3DH5_Ant1_2441_30~1000



3DH5_Ant1_2441_1000~26500



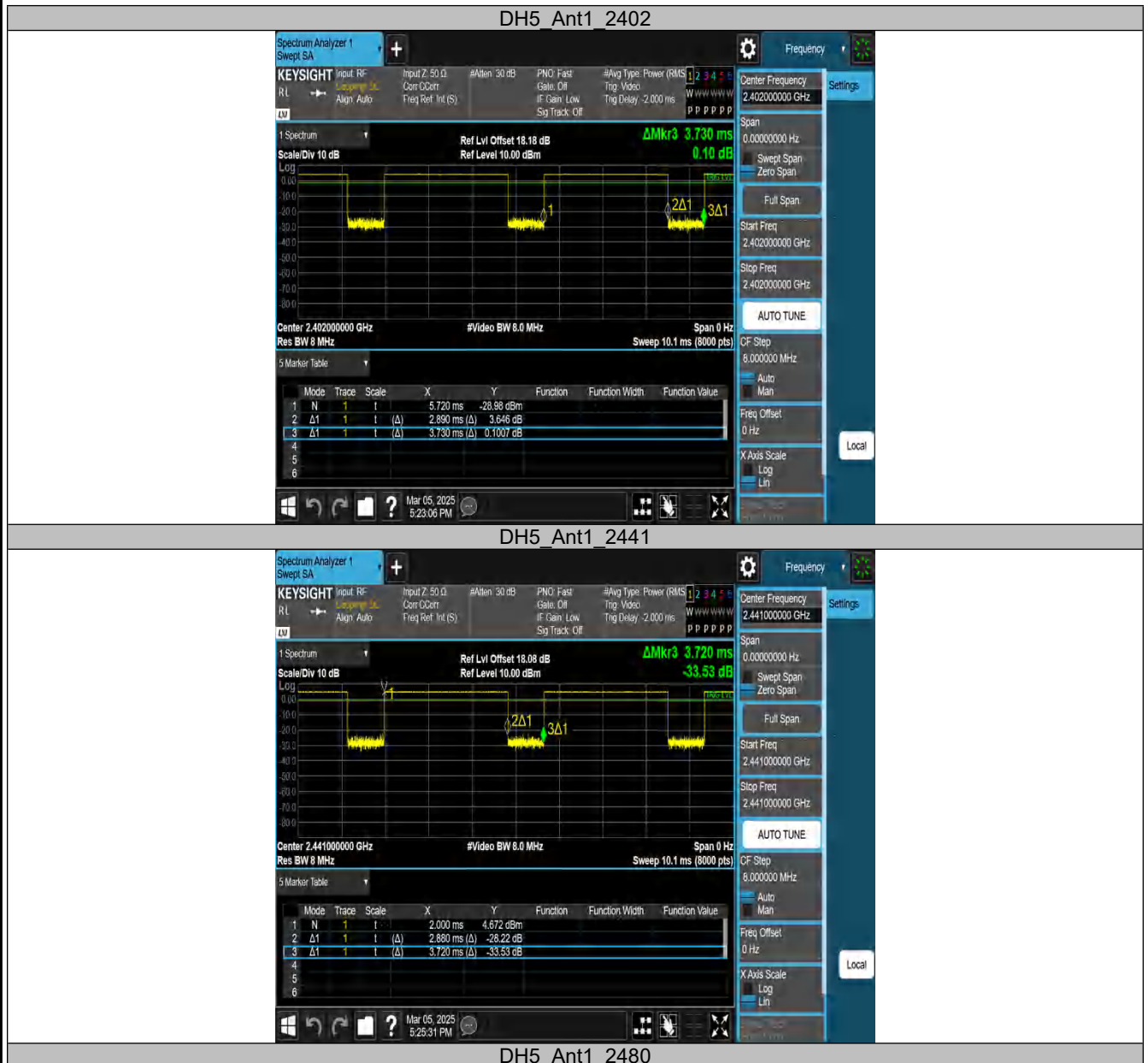


1.9 Appendix 9: Duty Cycle

1.9.1 Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
DH5	Ant1	2402	2.89	3.73	0.7748	77.48	1.11	---	---
		2441	2.88	3.72	0.7742	77.42	1.11	---	---
		2480	2.88	3.72	0.7742	77.42	1.11	---	---
3DH5	Ant1	2402	2.89	3.74	0.7727	77.27	1.12	---	---
		2441	2.89	3.73	0.7748	77.48	1.11	---	---
		2480	2.89	3.74	0.7727	77.27	1.12	---	---

1.9.2 Test Graphs

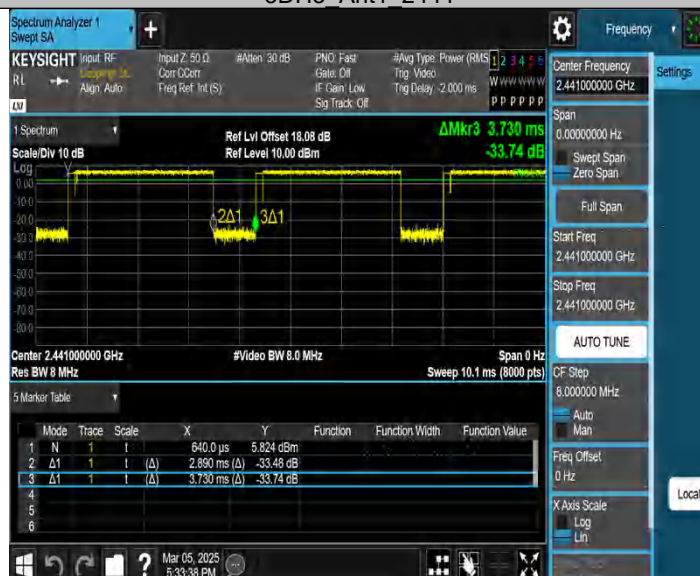




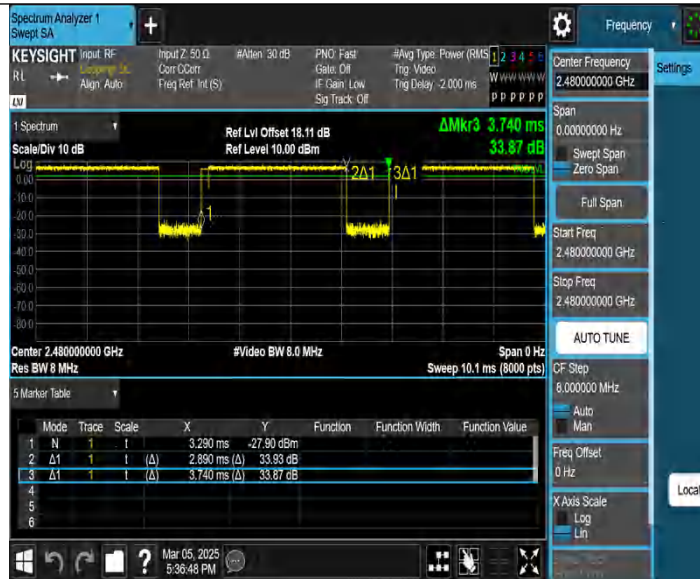
3DH5 Ant1 2402



3DH5 Ant1 2441



3DH5 Ant1 2480



1.10 Test Results of Radiated Spurious Emissions

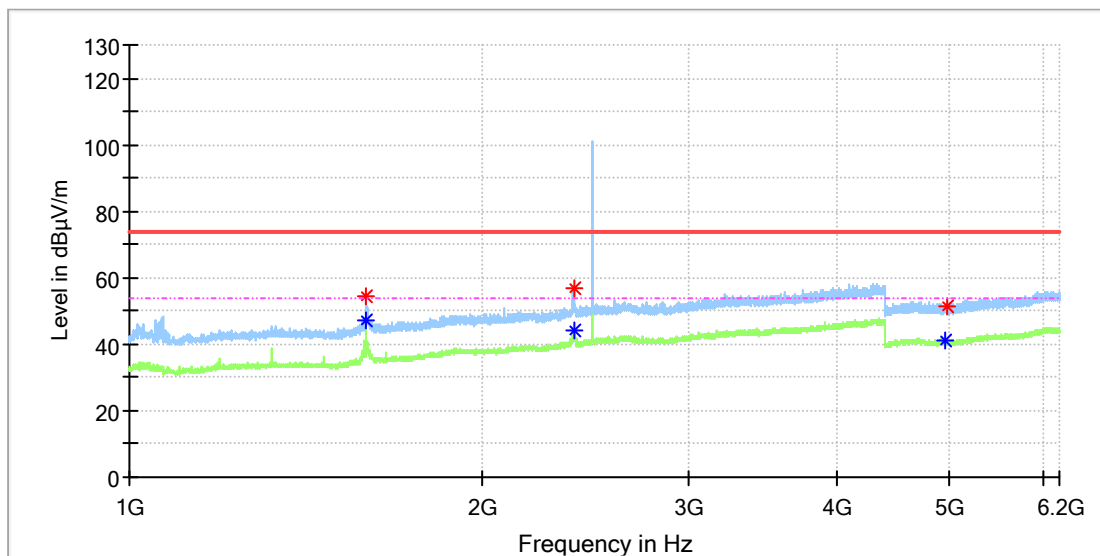
Note:

- 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.
30 MHz - 1GHz(Worst case)

Test Report

EUT Information

EUT Name:	Non-connected Voice Communication System Assembly
Model:	MP-202S-01
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168537194/A003900031-007
Test Voltage::	DC 12V From DC Source
Remark:	Temp 22 Humi:52%
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)
1592.500000	54.69	---	74.00	19.31	150.0	H	250.0	3.8
1593.000000	---	47.14	54.00	6.86	150.0	H	250.0	3.8
2390.000000	56.70	---	74.00	17.30	150.0	H	295.0	8.5
2392.000000	---	44.30	54.00	9.70	150.0	H	300.0	8.5
4960.000000	---	41.38	54.00	12.62	150.0	H	102.0	13.3
4973.500000	51.68	---	74.00	22.32	150.0	H	6.0	13.3

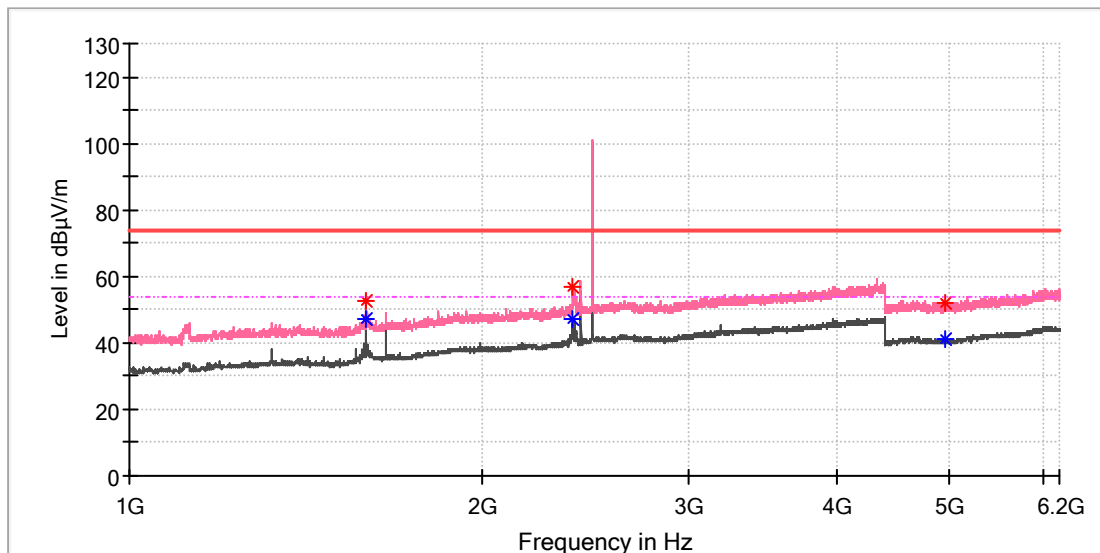
Final Result

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

Test Report

EUT Information

EUT Name:	Non-connected Voice Communication System Assembly
Model:	MP-202S-01
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168537194/A003900031-007
Test Voltage::	DC 12V From DC Source
Remark:	Temp 22 Humi:52%
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)
1592.500000	52.63	---	74.00	21.37	150.0	V	330.0	3.8
1592.500000	---	47.04	54.00	6.96	150.0	V	330.0	3.8
2387.000000	57.08	---	74.00	16.92	150.0	V	290.0	8.5
2389.000000	---	47.17	54.00	6.83	150.0	V	308.0	8.5
4953.500000	---	40.91	54.00	13.09	150.0	V	5.0	13.3
4961.000000	52.05	---	74.00	21.95	150.0	V	11.0	13.3

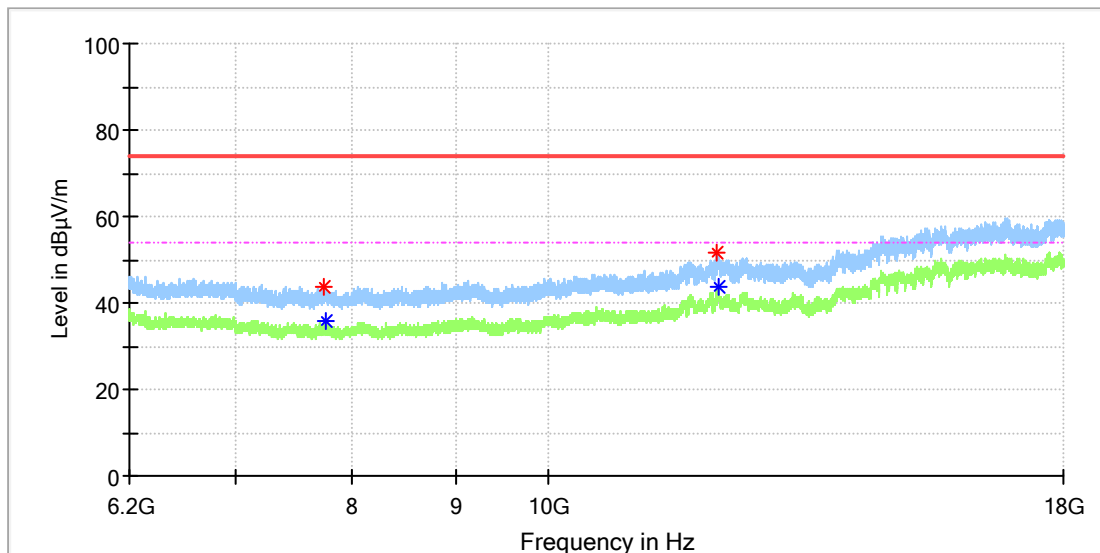
Final_Result

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

Test Report

EUT Information

EUT Name:	Non-connected Voice Communication System Assembly
Model:	MP-202S-01
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168537194/A003900031-007
Test Voltage::	DC 12V From DC Source
Remark:	Temp 22 Humi:52%
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)
7735.966667	43.65	---	74.00	30.35	150.0	H	0.0	8.7
7766.450000	---	35.91	54.00	18.09	150.0	H	343.0	8.8
12130.975000	51.47	---	74.00	22.53	150.0	H	167.0	16.2
12148.183333	---	43.67	54.00	10.33	150.0	H	232.0	16.7

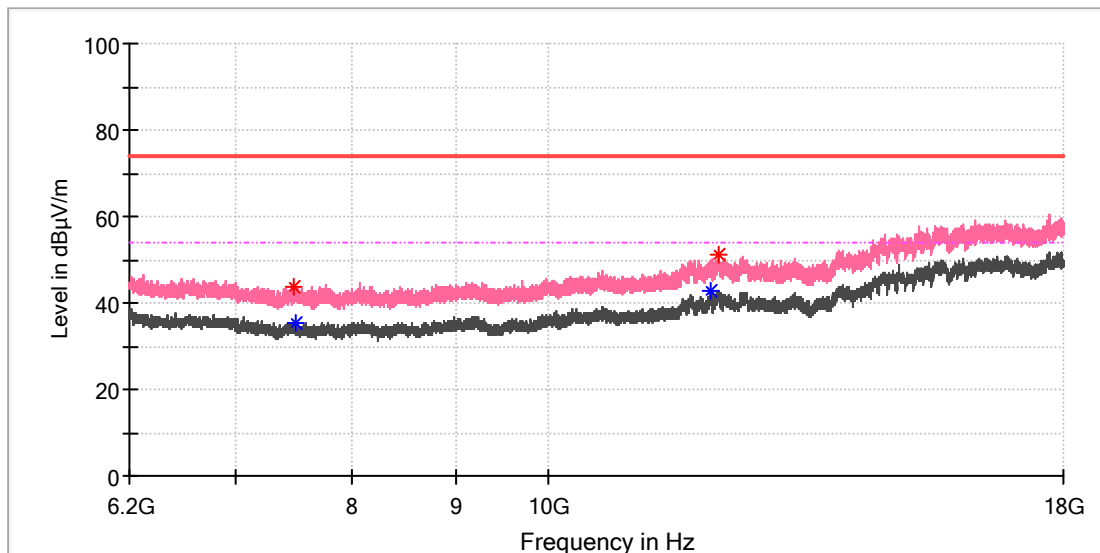
Final Result

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

Test Report

EUT Information

EUT Name:	Non-connected Voice Communication System Assembly
Model:	MP-202S-01
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168537194/A003900031-007
Test Voltage::	DC 12V From DC Source
Remark:	Temp 22 Humi:52%
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)
7472.433333	43.73	---	74.00	30.27	150.0	V	184.0	8.6
7489.641667	---	35.37	54.00	18.63	150.0	V	0.0	8.7
12043.950000	---	42.81	54.00	11.19	150.0	V	250.0	16.3
12139.825000	51.31	---	74.00	22.69	150.0	V	288.0	16.5

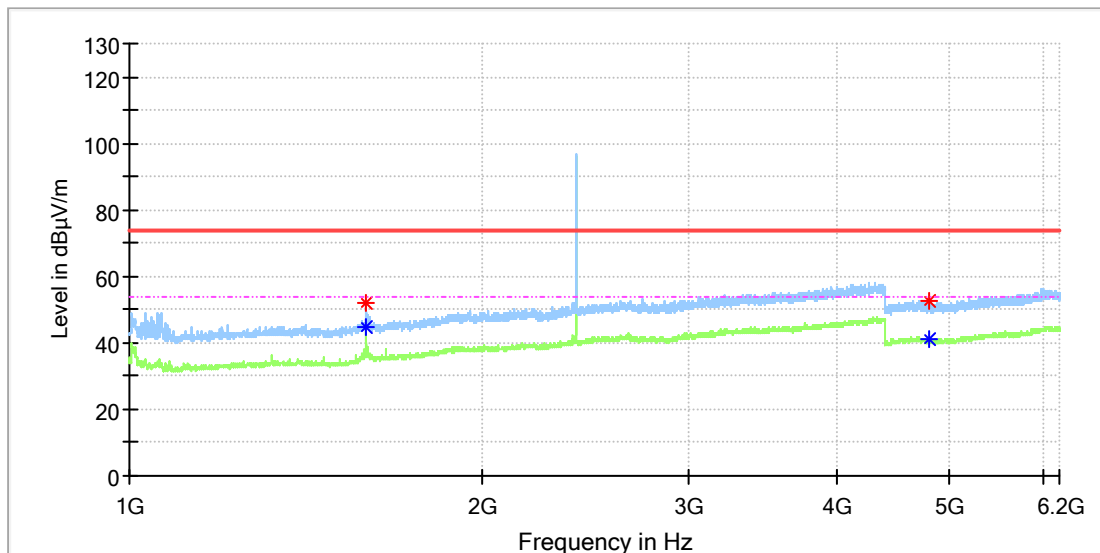
Final Result

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

Test Report

EUT Information

EUT Name:	Non-connected Voice Communication System Assembly
Model:	MP-202S-01
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168537194/A003900031-007
Test Voltage::	DC 12V From DC Source
Remark:	Temp 22 Humi:52%
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)
1592.500000	---	44.61	54.00	9.39	150.0	H	72.0	3.8
1593.000000	51.96	---	74.00	22.04	150.0	H	64.0	3.8
4803.000000	---	41.15	54.00	12.85	150.0	H	137.0	13.3
4808.500000	52.44	---	74.00	21.56	150.0	H	26.0	13.3

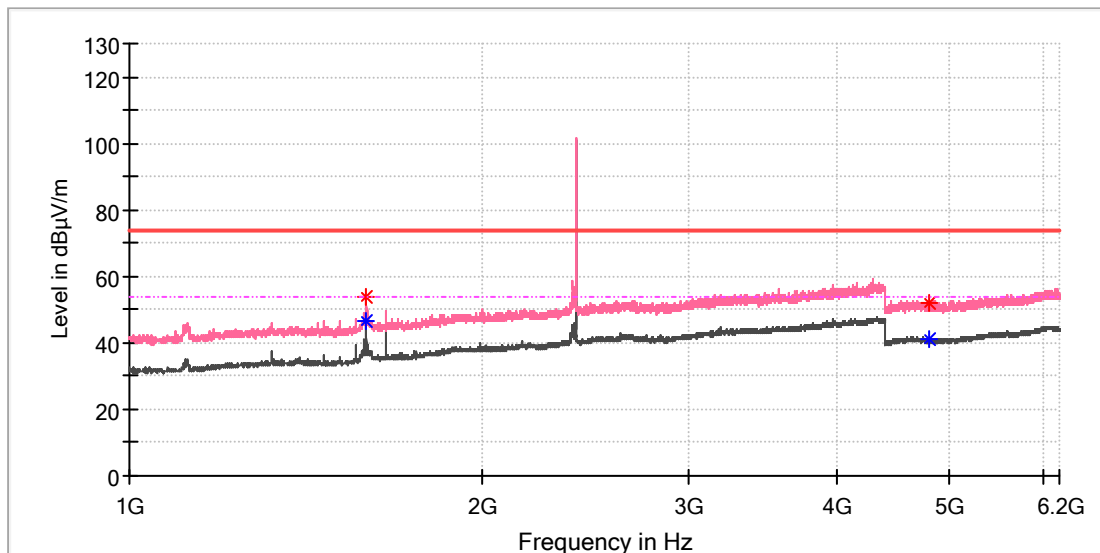
Final Result

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

Test Report

EUT Information

EUT Name:	Non-connected Voice Communication System Assembly
Model:	MP-202S-01
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168537194/A003900031-007
Test Voltage::	DC 12V From DC Source
Remark:	Temp 22 Humi:52%
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)
1592.500000	---	46.81	54.00	7.19	150.0	V	319.0	3.8
1593.000000	53.98	---	74.00	20.02	150.0	V	319.0	3.8
4800.500000	51.71	---	74.00	22.29	150.0	V	1.0	13.3
4808.500000	---	41.14	54.00	12.86	150.0	V	1.0	13.3

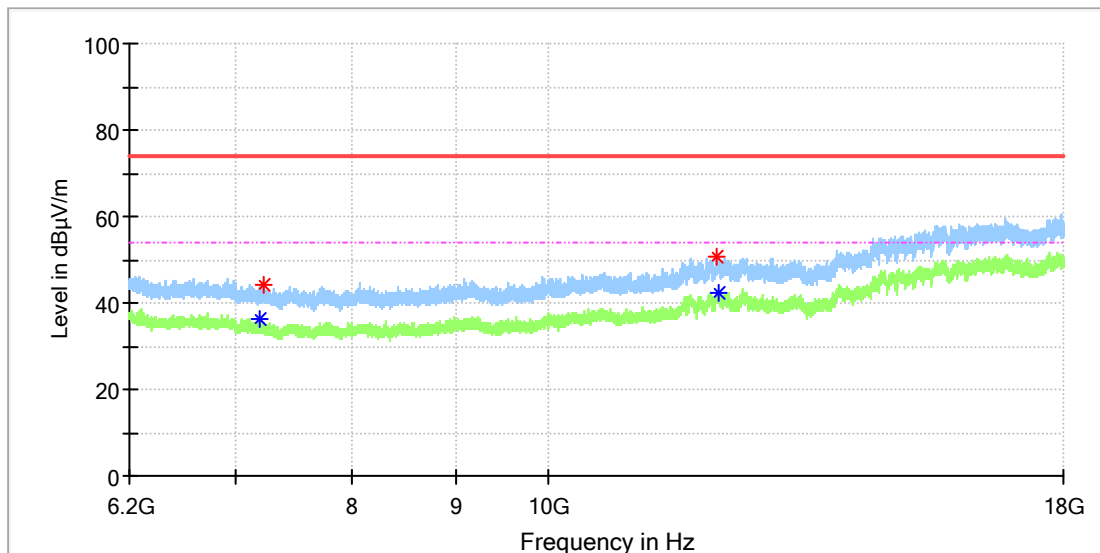
Final Result

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

Test Report

EUT Information

EUT Name:	Non-connected Voice Communication System Assembly
Model:	MP-202S-01
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168537194/A003900031-007
Test Voltage::	DC 12V From DC Source
Remark:	Temp 22 Humi:52%
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)
7189.725000	---	36.12	54.00	17.88	150.0	H	220.0	8.8
7229.058333	43.97	---	74.00	30.03	150.0	H	356.0	8.6
12105.900000	50.49	---	74.00	23.51	150.0	H	61.0	15.6
12154.083333	---	42.55	54.00	11.45	150.0	H	285.0	16.5

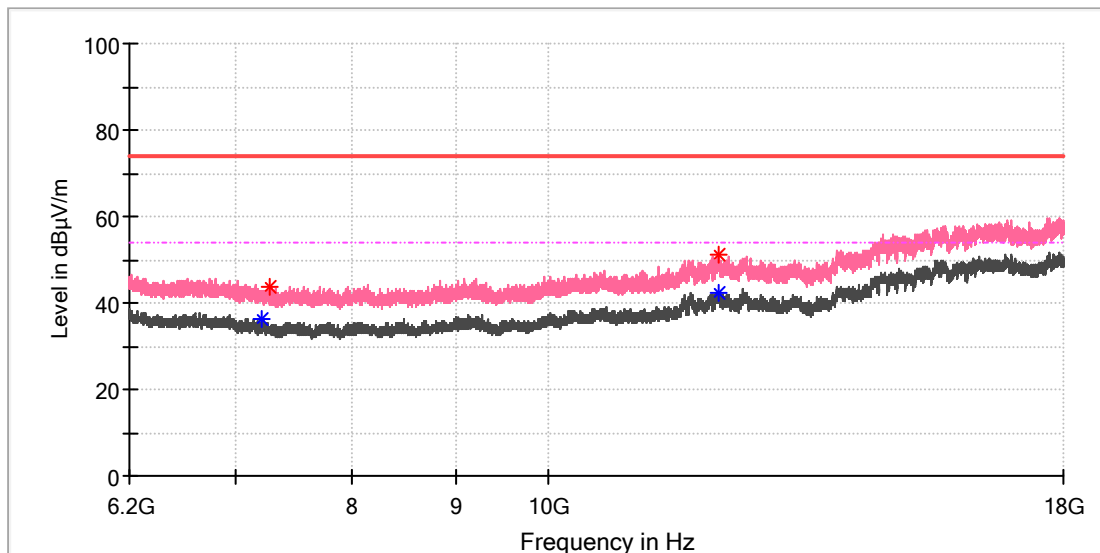
Final Result

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

Test Report

EUT Information

EUT Name:	Non-connected Voice Communication System Assembly
Model:	MP-202S-01
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168537194/A003900031-007
Test Voltage::	DC 12V From DC Source
Remark:	Temp 22 Humi:52%
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)
7215.291667	---	36.09	54.00	17.91	150.0	V	20.0	8.7
7279.208333	43.69	---	74.00	30.31	150.0	V	243.0	8.4
12140.316667	---	42.53	54.00	11.47	150.0	V	98.0	16.5
12143.266667	51.18	---	74.00	22.82	150.0	V	20.0	16.6

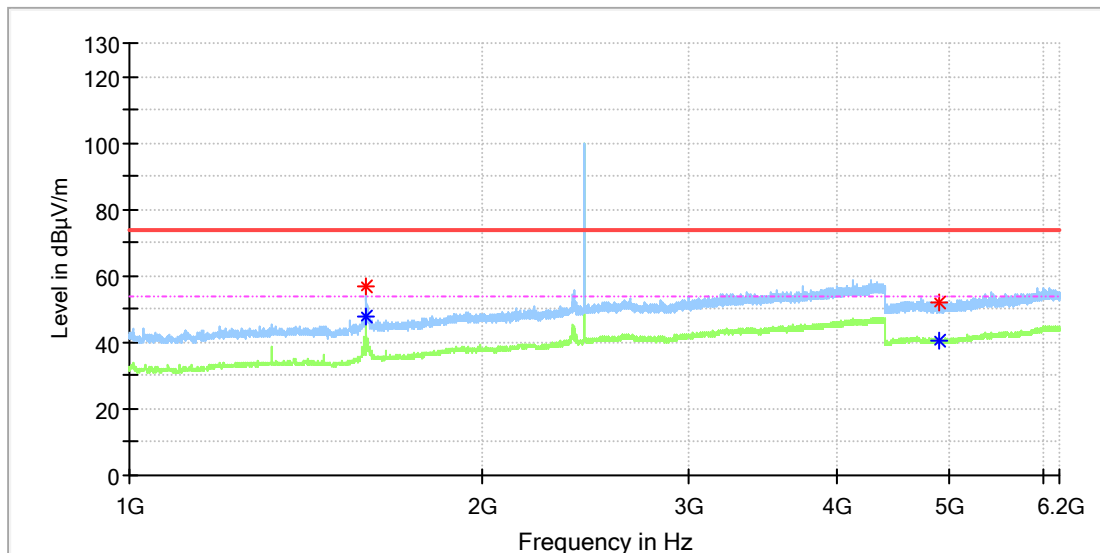
Final Result

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

Test Report

EUT Information

EUT Name:	Non-connected Voice Communication System Assembly
Model:	MP-202S-01
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168537194/A003900031-007
Test Voltage::	DC 12V From DC Source
Remark:	Temp 22 Humi:52%
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)
1593.000000	56.63	---	74.00	17.37	150.0	H	256.0	3.8
1593.000000	---	47.79	54.00	6.21	150.0	H	256.0	3.8
4893.000000	---	40.74	54.00	13.26	150.0	H	17.0	13.3
4901.500000	52.10	---	74.00	21.90	150.0	H	204.0	13.3

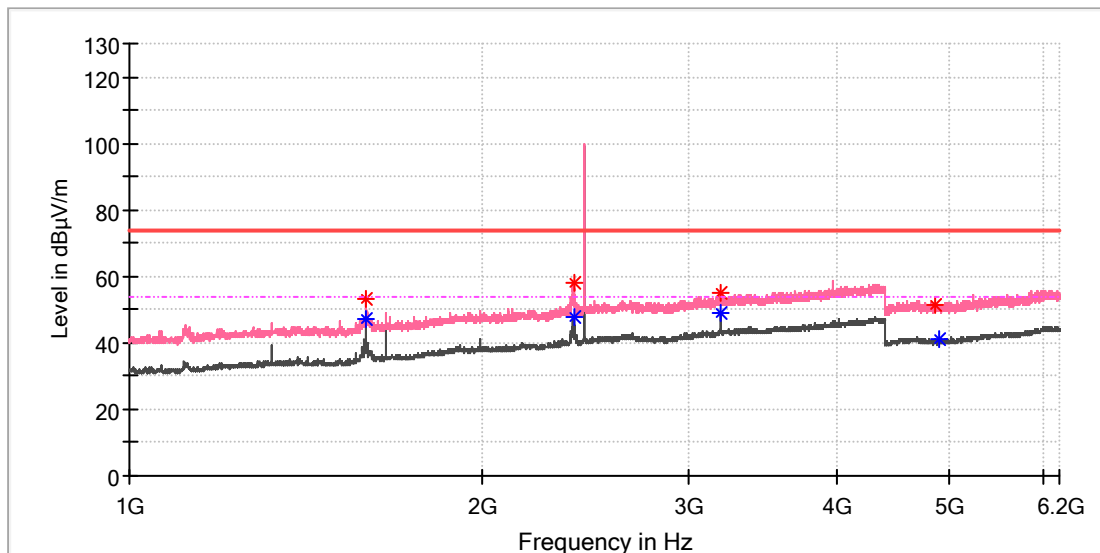
Final_Result

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

Test Report

EUT Information

EUT Name:	Non-connected Voice Communication System Assembly
Model:	MP-202S-01
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168537194/A003900031-007
Test Voltage::	DC 12V From DC Source
Remark:	Temp 22 Humi:52%
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)
1592.000000	52.98	---	74.00	21.02	150.0	V	322.0	3.8
1592.500000	---	47.43	54.00	6.57	150.0	V	343.0	3.8
2389.500000	57.97	---	74.00	16.03	150.0	V	316.0	8.5
2389.500000	---	47.67	54.00	6.33	150.0	V	316.0	8.5
3186.000000	---	48.99	54.00	5.01	150.0	V	66.0	10.7
3186.500000	54.93	---	74.00	19.07	150.0	V	66.0	10.7
4867.500000	51.64	---	74.00	22.36	150.0	V	305.0	13.3
4904.000000	---	41.40	54.00	12.60	150.0	V	108.0	13.3

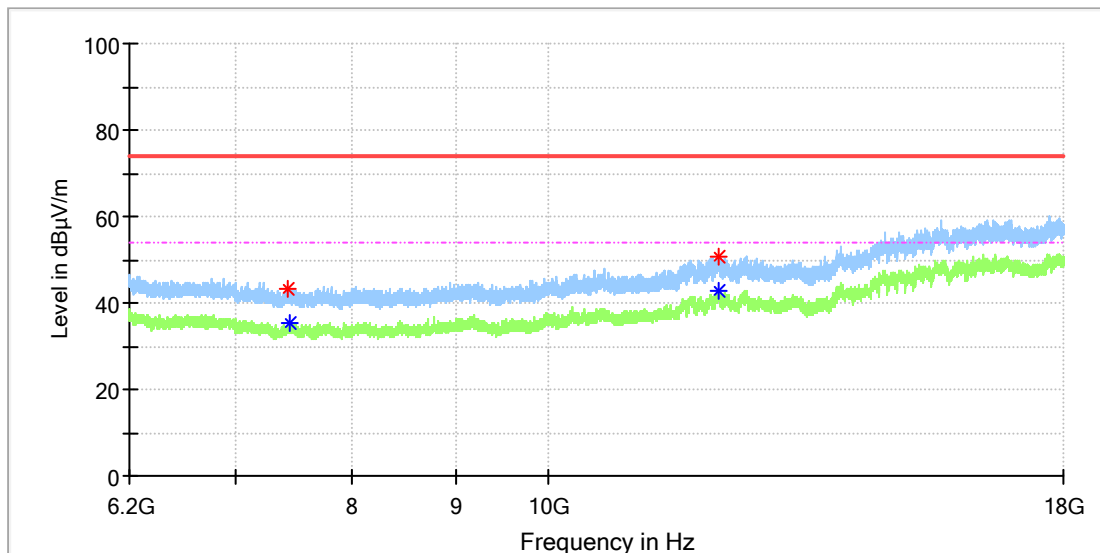
Final Result

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

EUT Information

EUT Name:	Non-connected Voice Communication System Assembly
Model:	MP-202S-01
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168537194/A003900031-007
Test Voltage::	DC 12V From DC Source
Remark:	Temp 22 Humi:52%
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)
7435.558333	43.26	---	74.00	30.74	150.0	H	17.0	8.4
7452.766667	---	35.35	54.00	18.65	150.0	H	256.0	8.5
12139.333333	---	42.96	54.00	11.04	150.0	H	354.0	16.5
12143.758333	50.50	---	74.00	23.50	150.0	H	101.0	16.6

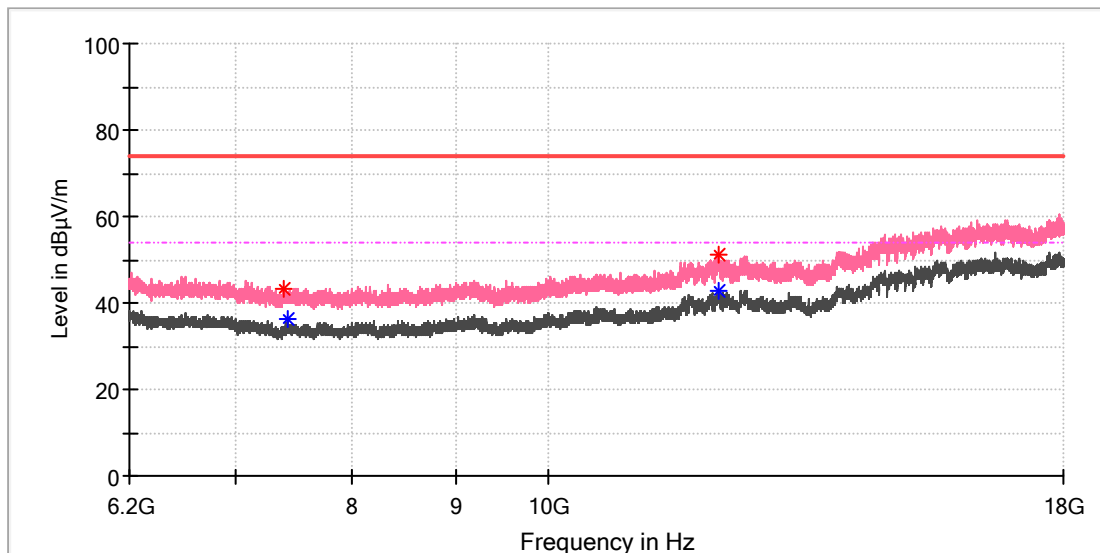
Final Result

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

EUT Information

EUT Name:	Non-connected Voice Communication System Assembly
Model:	MP-202S-01
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168537194/A003900031-007
Test Voltage::	DC 12V From DC Source
Remark:	Temp 22 Humi:52%
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)
7400.650000	43.22	---	74.00	30.78	150.0	V	234.0	8.3
7424.250000	---	36.47	54.00	17.53	150.0	V	131.0	8.4
12142.283333	---	42.62	54.00	11.38	150.0	V	20.0	16.5
12147.200000	51.38	---	74.00	22.62	150.0	V	120.0	16.7

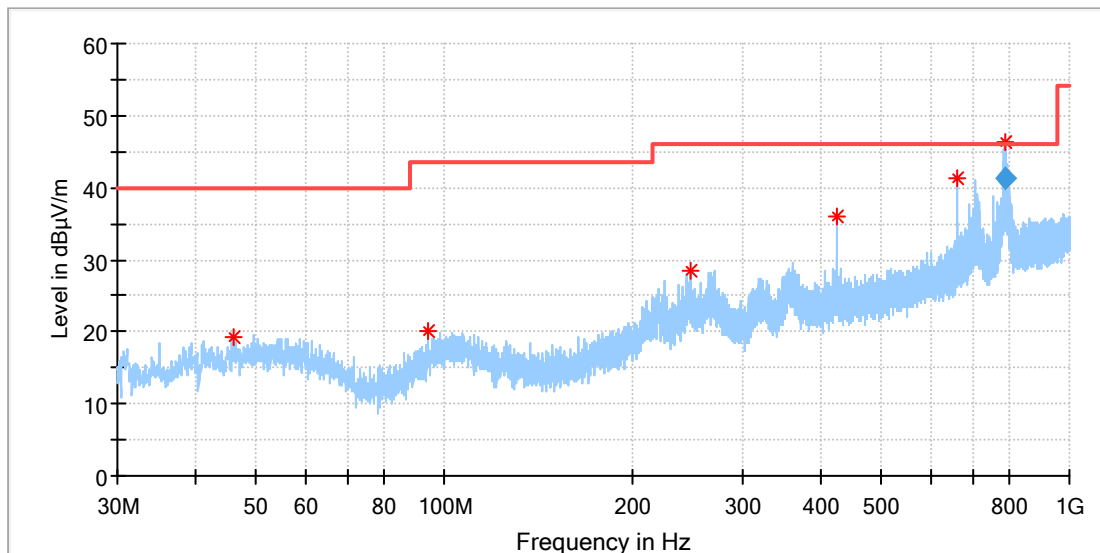
Final Result

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

Test Report

EUT Information

EUT Name:	Non-connected Voice Communication System Assembly
Model:	MP-202S-01
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168537194/A003900031-007
Test Voltage::	DC 12V From DC Source
Remark:	Temp 22 Humi:52%
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)
46.154231	19.39	40.00	20.61	100.0	H	160.0	-18.7
94.467692	20.07	43.50	23.43	100.0	H	295.0	-20.0
247.802308	28.54	46.00	17.46	100.0	H	105.0	-17.4
425.237692	36.01	46.00	9.99	100.0	H	207.0	-13.2
661.470000	41.34	46.00	4.66	100.0	H	43.0	-8.7
787.308846	46.44	46.00	-0.44	100.0	H	343.0	-6.4

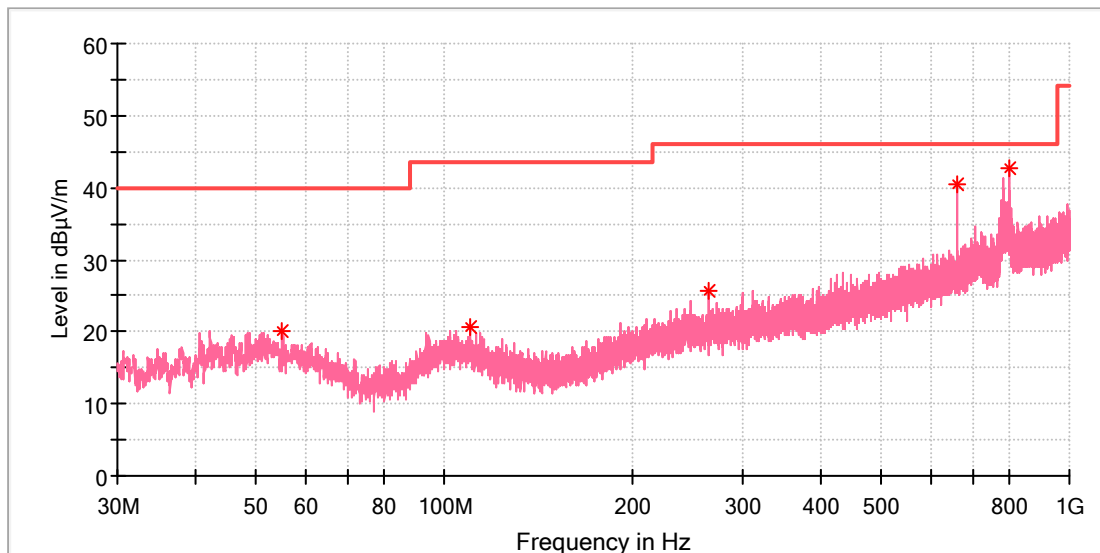
Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
787.012269	41.29	46.00	4.71	105.0	H	342.0	-6.4

Test Report

EUT Information

EUT Name:	Non-connected Voice Communication System Assembly
Model:	MP-202S-01
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168537194/A003900031-007
Test Voltage::	DC 12V From DC Source
Remark:	Temp 22 Humi:52%
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)
55.145385	20.19	40.00	19.81	100.0	V	318.0	-18.6
110.360769	20.53	43.50	22.97	100.0	V	219.0	-19.2
265.113077	25.81	46.00	20.19	100.0	V	318.0	-17.0
661.470000	40.41	46.00	5.59	100.0	V	277.0	-8.7
799.060769	42.81	46.00	3.19	100.0	V	11.0	-6.2

Final Result

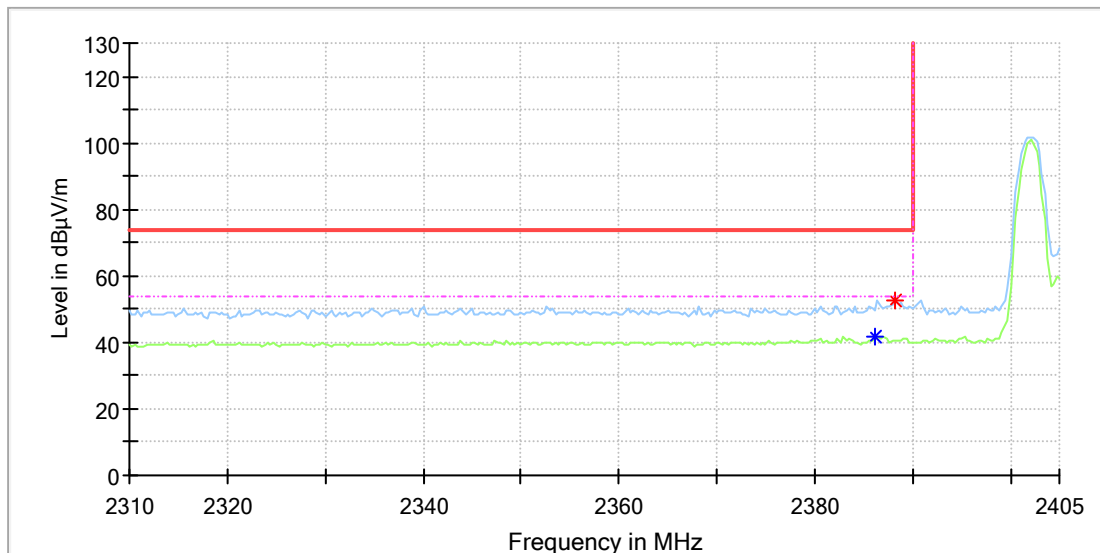
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Bandedge

Test Report

EUT Information

EUT Name:	Non-connected Voice Communication System Assembly
Model:	MP-202S-01
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168537194/A003900031-007
Test Voltage::	DC 12V From DC Source
Remark:	Temp 22 Humi:52%
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)
2386.176471	---	41.83	54.00	12.17	150.0	H	28.0	8.5
2388.235294	52.70	---	74.00	21.30	150.0	H	137.0	8.5

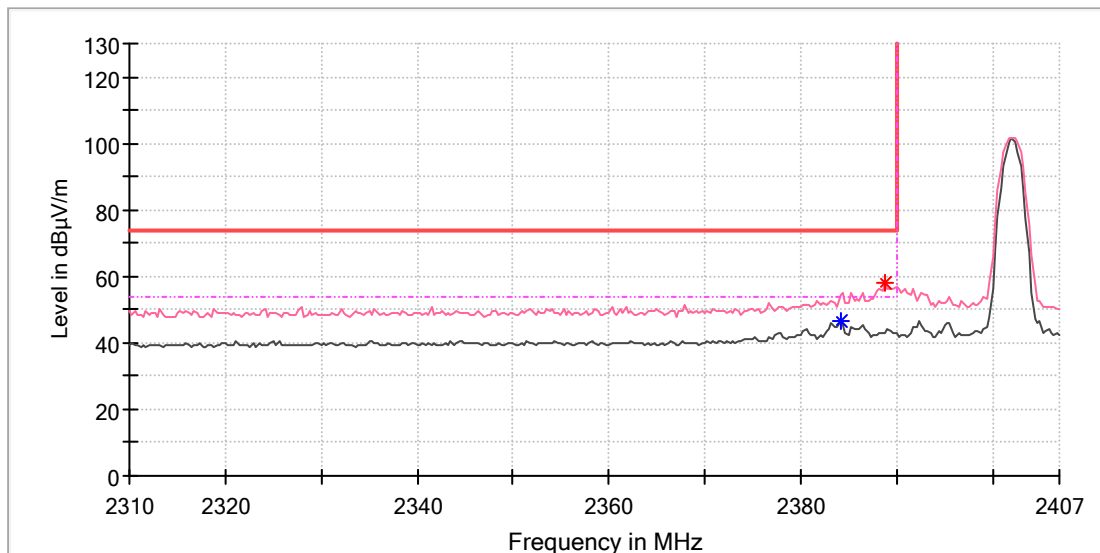
Final_Result

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

EUT Information

EUT Name:	Non-connected Voice Communication System Assembly
Model:	MP-202S-01
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168537194/A003900031-007
Test Voltage::	DC 12V From DC Source
Remark:	Temp 22 Humi:52%
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)
2384.117647	---	46.29	54.00	7.71	150.0	V	318.0	8.5
2388.823529	57.94	---	74.00	16.06	150.0	V	302.0	8.5

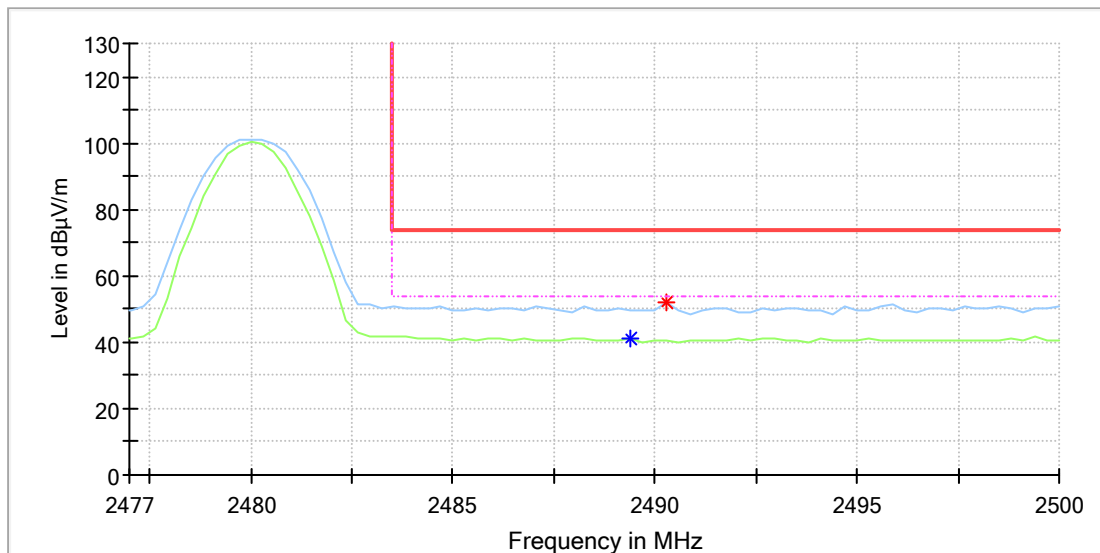
Final Result

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

EUT Information

EUT Name:	Non-connected Voice Communication System Assembly
Model:	MP-202S-01
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168537194/A003900031-007
Test Voltage::	DC 12V From DC Source
Remark:	Temp 22 Humi:52%
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)
2489.411765	---	40.98	54.00	13.02	150.0	H	5.0	9.0
2490.294118	51.94	---	74.00	22.06	150.0	H	33.0	9.0

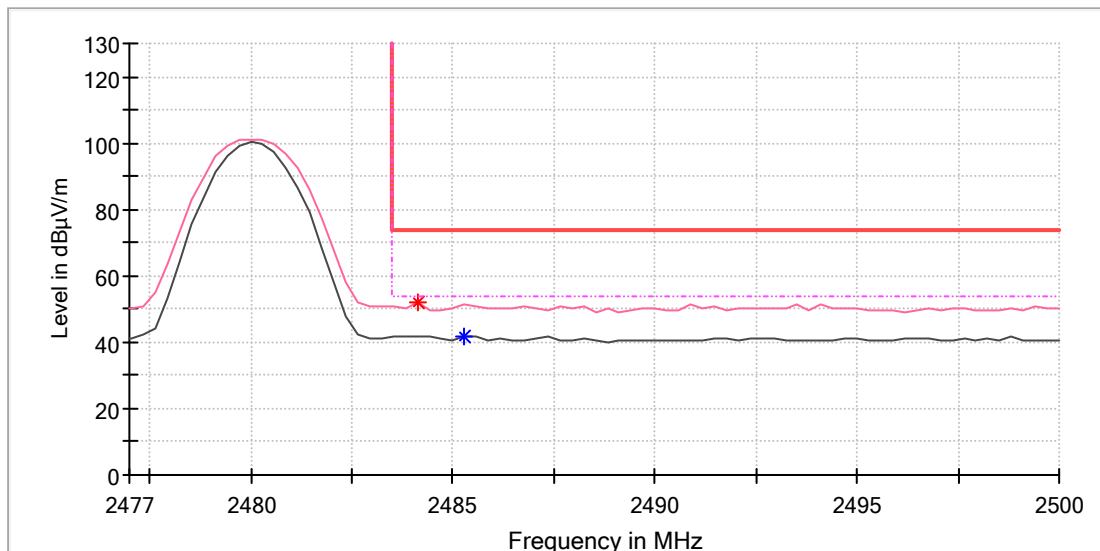
Final Result

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

EUT Information

EUT Name:	Non-connected Voice Communication System Assembly
Model:	MP-202S-01
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168537194/A003900031-007
Test Voltage::	DC 12V From DC Source
Remark:	Temp 22 Humi:52%
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)
2484.117647	52.25	---	74.00	21.75	150.0	V	350.0	9.0
2485.294118	---	41.76	54.00	12.24	150.0	V	350.0	9.0

Final Result

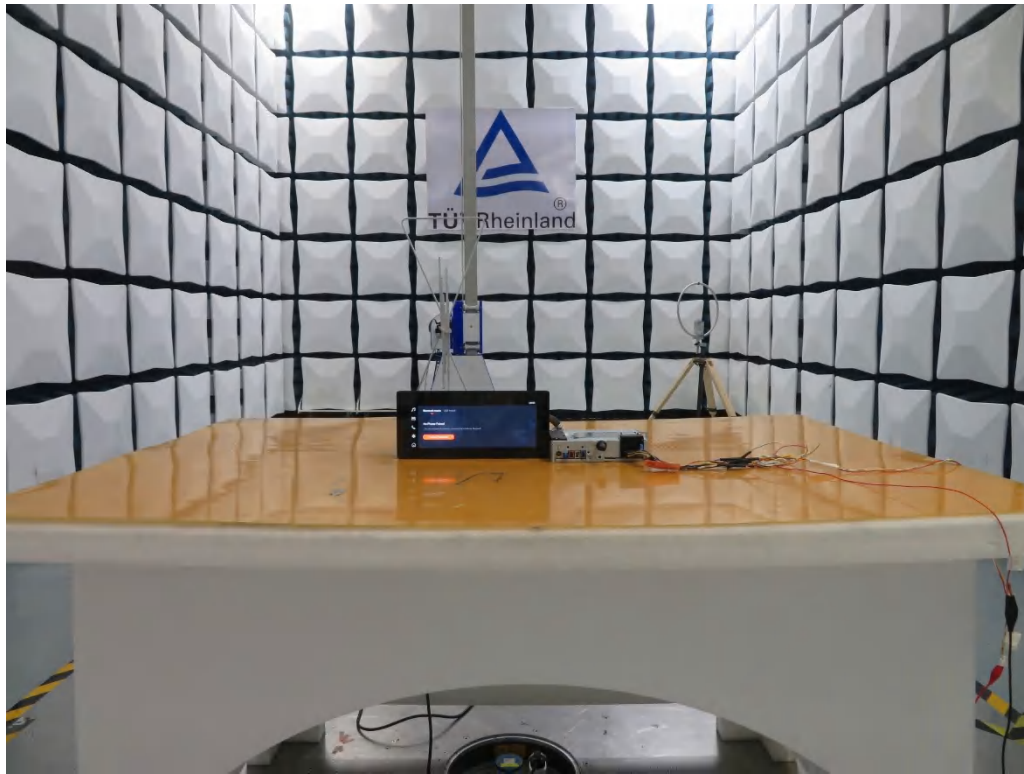
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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---End of appendix---

Appendix B: Photographs of the Test Set-Up

APPENDIX B: PHOTOGRAPHS OF THE TEST SET-UP	1
PHOTOGRAPH 1: SET-UP PHOTO FOR RADIATED SPURIOUS EMISSION, BELOW 1GHZ	2
PHOTOGRAPH 2: SET-UP PHOTO FOR RADIATED SPURIOUS EMISSION, ABOVE 1GHZ.....	2

Photograph 1: Set-up photo for Radiated Spurious Emission, below 1GHz



Photograph 2: Set-up photo for Radiated Spurious Emission, above 1GHz

