

Prüfbericht-Nr.: Test report no.:	CN25P9AK 001	Auftrags-Nr.: Order no.:	168572937	Page 1 of 14 Seite 1 von 14
Kunden-Referenz-Nr.: Client reference no.:	N/A	Auftragsdatum: Order date:	2025-09-01	
Auftraggeber: Client:	Harman International Industries, Incorporated 8500 Balboa Blvd, Northridge, California, 91329, United States			
Prüfgegenstand: Test item:	Partybox Wireless Mic			
Bezeichnung / Typ-Nr.: Identification / Type no.:	EASYSING MICS (Trademark: JBL)			
Auftrags-Inhalt: Order content:	Type test			
Prüfgrundlage: Test specification:	Article 2 Section 1 Item 19, Radio Equipment Regulation: Article 49-20 MIC notice No. 88 Appendix No. 43 (Test method)			
Wareneingangsdatum: Date of sample receipt:	2025-08-08			
Prüfmuster-Nr.: Test sample no.:	A004063311			
Prüfzeitraum: Testing period:	2025-08-08 – 2025-09-09			
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:	2025-10-31		Ausstellungsdatum: Issue date:	2025-10-31
Position / Stellung:	Project Manager		Position / Stellung:	Authorizer
Sonstiges / Other:	This test report is for Microphone part.			
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:	Prüfmuster vollständig und unbeschädigt Test item complete and undamaged			
* Legende: * Legend:	P(ass) = entspricht o.g. Prüfgrundlage(n) P(ass) = passed a.m. test specification(s) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) F(ail) = failed a.m. test specification(s) N/A = nicht anwendbar N/A = not applicable N/T = nicht getestet 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>				

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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. 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 Prüfbedingungen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden.</i></p> |
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| 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> |

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1 TEST SITES

1.1 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

1.2 LIST OF TEST AND MEASUREMENT INSTRUMENTS

Table 1: List of Test and Measurement Equipment

TÜV Rheinland (Shenzhen) Co., Ltd.

Equipment	Manufacturer	Model	Serial No.	Calibration Company	Date calibrated	Cal. until	Note (Radio Law)
Wireless Connectivity Tester	R&S	CMW270	101375	GRGTEST	26.09.2024	25.09.2025	24-2-4-2-(ha)
EXA Signal Analyzer	Keysight	N9010B	MY60241175	GRGTEST	26.09.2024	25.09.2025	24-2-4-2-(ha)
Power Meter	R&S	NRP2	107105	GRGTEST	31.10.2024	30.10.2025	24-2-4-2-(ha)
Power Sensor	R&S	NRP-Z81	105677	GRGTEST	26.09.2024	25.09.2025	24-2-4-2-(ha)
DC Power Supply	Keysight	E3642A	MY61276100	GRGTEST	22.02.2025	21.02.2026	24-2-4-2-(ha)
Digital Multi Meter	FLUKE	F15B	44350845WS	GRGTEST	24.02.2025	23.02.2026	24-2-4-2-(ha)

1.3 UNCERTAINTY OF MEASUREMENT

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT:

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

ITEM	UNCERTAINTY
Occupied Bandwidth	206.50 Hz
Spurious emissions	$\pm 3.93\text{dB}$
Output power density	1.37dB
Out of band radiated power	2.52 dB
Frequency Tolerance	0.104 ppm



2 GENERAL PRODUCT INFORMATION

2.1 PRODUCT FUNCTION AND INTENDED USE

The EUT is a Partybox Wireless Mic, which consists of two microphones, a Dongle and a USB-C to USB-A Connector. The microphones and Dongle support 2.4GHz SRD wireless technology.

Two microphones are identical in electrical circuit design and PCB layout.

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

2.2 RATINGS AND SYSTEM DETAILS

Table 2: Technical Specification of EUT

General Information of EUT	Description
Kind of Equipment:	Partybox Wireless Mic
Type Designation:	EASYSING MICS
Trademark:	JBL
Operating Voltage	DC 5V, 0.5A via Type C interface or DC 3.7V, 240mAh, 0.88Wh via built-in Li-ion battery
Extreme Temperature Range	0°C to +45°C
Technical Specification of Microphone	
Characteristic	Description
Operating Frequency band	2404 ~ 2478 MHz
Channel Number	37 channels
Channel separation	2MHz
Modulation	GFSK
Antenna Type	Integral antenna
Antenna Gain	1.85 dBi (Provided by the Client)

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Table 3: RF Channel and Frequency

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

2.3 TEST CONDITIONS

Test conditions	Voltage (Vac)
V_{normal}	3.70
V_{max}	4.07
V_{min}	3.33

Test conditions	Unit
Temperature	24.1 deg °C
Humidity	50.5 %

2.4 SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT

Table 5: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N	Rating
Laptop	Lenovo	T480	PF-16A6N8	N/A

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2.5 ANTENNA SPECIFICATIONS

2.5.1 ANTENNA GAIN

Ant. Type	Connector Type	Highest Peak Gain (dBi) 2.4GHz ~ 2.5GHz
Integral antenna	N/A	1.85 dBi

2.5.2 ANTENNA PATTERN

Please refer to the attached file (Antenna report).

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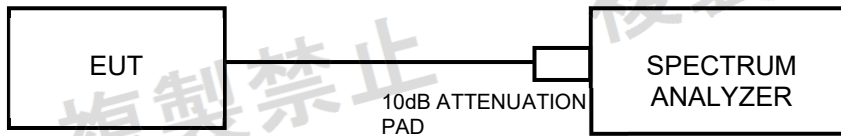
3 TEST RESULTS

3.1 FREQUENCY TOLERANCE MEASUREMENT

3.1.1 LIMITS OF FREQUENCY TOLERANCE MEASUREMENT

Tolerance of frequency shall be +/- 50ppm

3.1.2 TEST SETUP



3.1.3 TEST RESULTS

For the measurement records, refer to the appendix A.

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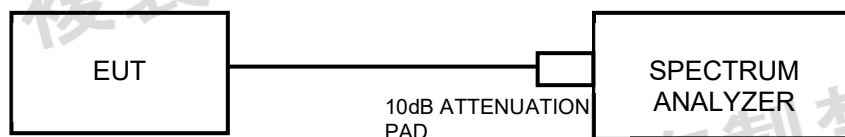
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3.2 OCCUPIED BANDWIDTH MEASUREMENT (99% POWER BANDWIDTH)

3.2.1 LIMITS OF OCCUPIED BANDWIDTH MEASUREMENT

ITEM	LIMIT	REMARK
Occupied bandwidth	<26MHz	For 802.11b, g & 802.11n (HT20)
Occupied bandwidth	<26MHz	For BT-LE (GFSK)

3.2.2 TEST SETUP



3.2.3 TEST RESULTS

For the measurement records, refer to the appendix A.

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3.3 ANTENNA POWER MEASUREMENT

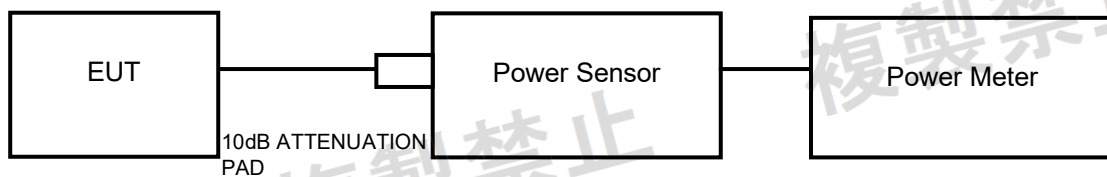
3.3.1 LIMITS OF ANTENNA POWER

Modulation system	Frequency band used	Antenna power (max.)	EIRP (max)	
			Omni-directional case	Directional case
DS.OFDM (Narrow-Band)	2,400 – 2,4835 MHz	10mW/MHz	12.14 dBm/MHz (16.367 mW/MHz)	22.14 dBm/MHz (163.682 mW/MHz)
OFDM (Wide-Band)	2,400 – 2,4835 MHz	5mW/MHz	9.13dBm/MHz (8.185mW/MHz)	19.13dBm/MHz (81.846mW/MHz)
DTS	2,400 – 2,4835 MHz	10mW	12.14 dBm 16.367 mW	22.14 dBm 163.682 mW

Tolerance of antenna power shall be +20% (upper value) and –80% (lower value).

According article 49.20 f(2) The angular width of the principal radiation in the horizontal and vertical planes of the transmitting antenna shall not exceed the value obtained by the following expression. $360/A$ degree
A represents the value determined by dividing an equivalent isotropically radiated power by the value obtained by applying an antenna power with the mean power of 10 mW to the transmitting antenna with its absolute gain being 2.14 dB, and shall be 1 when it is lower than 1

3.3.2 TEST SETUP



3.3.3 TEST RESULTS

For the measurement records, refer to the appendix A.

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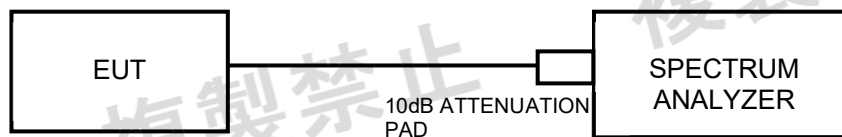
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3.4 SPURIOUS EMISSIONS FOR TRANSMITTER MEASUREMENT

3.4.1 LIMITS OF SPURIOUS EMISSIONS

FREQUENCIES (MHz)	LIMIT
Operating frequency 2400 to 2483.5MHz	
30.0MHz to 2387MHz	$\leq 2.5\mu\text{W/MHz}$
2387.0MHz to 2400.0MHz	$\leq 25\mu\text{W/MHz}$
2483.5MHz to 2496.5MHz	$\leq 25\mu\text{W/MHz}$
2496.5MHz to 12500.0MHz	$\leq 2.5\mu\text{W/MHz}$

3.4.2 TEST SETUP



3.4.3 TEST RESULT

For the measurement records, refer to the appendix A.

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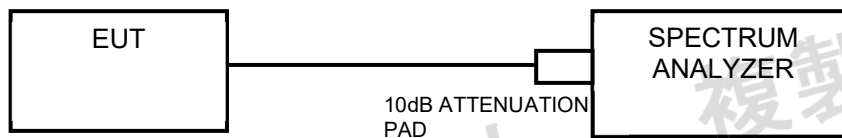
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3.5 SPURIOUS EMISSIONS FOR RECEIVER

3.5.1 LIMITS OF SPURIOUS EMISSIONS FOR RECEIVER

FREQUENCIES (MHz)	LIMIT
Below 1GHz	$\leq 4\text{nW}$ (-54dBm)
Above 1GHz	$\leq 20\text{nW}$ (-47dBm)

3.5.2 TEST SETUP



3.5.3 TEST RESULT

For the measurement records, refer to the appendix A.

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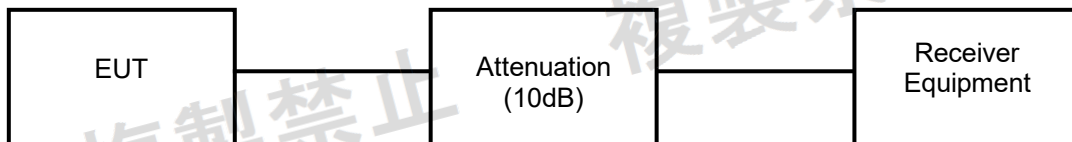
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3.6 INTERFERENCE PREVENTION FUNCTION

3.6.1 LIMITS OF Interference Prevention Function

N/A

3.6.2 TEST SETUP



3.6.3 TEST RESULTS

ENVIRONMENTAL CONDITIONS	24.6 deg.C, 50.5% RH
LINK MODE	TEST RESULT
2.4G SDR	PASS

MAC address: 0x35601608

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4 PHOTOGRAPHS OF THE TEST CONFIGURATION



---END---

Appendix A

Test results of Microphone

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1 Appendix A.1 : FREQUENCY TOLERANCE

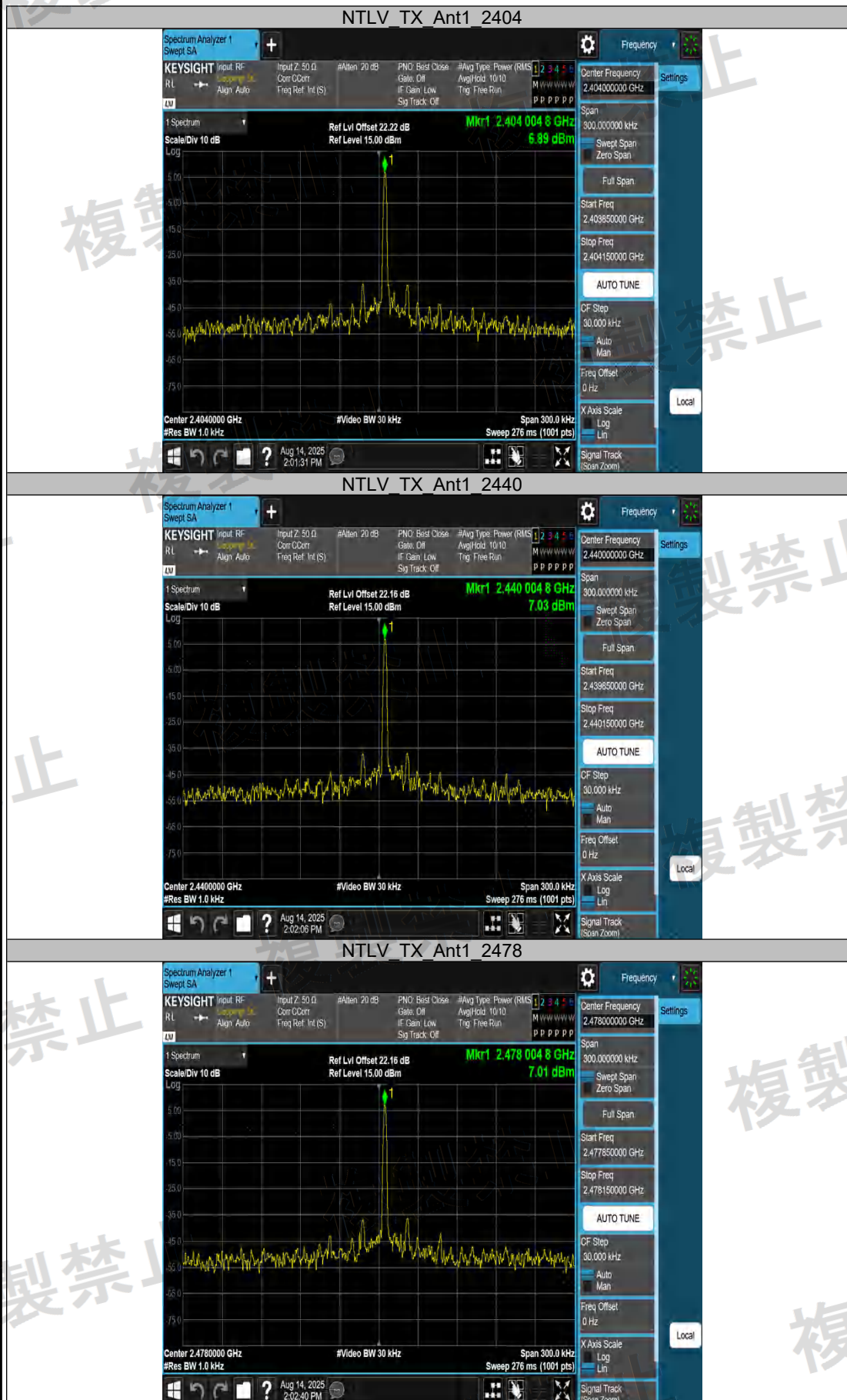
Note:

NTNV means: Normal Temperature & Normal Voltage, NTHV means: Normal Temperature & Max. Voltage,

NTLV means: Normal Temperature & Min. Voltage.

TestCondition	TestMode	Antenna	Freq(MHz)	Result[ppm]	Limit[ppm]	Verdict
NTNV	TX	Ant1	2404	1.99667	±50	PASS
			2440	1.96721	±50	PASS
			2478	1.93705	±50	PASS
NTLV	TX	Ant1	2404	1.99667	±50	PASS
			2440	1.96721	±50	PASS
			2478	1.93705	±50	PASS
NTHV	TX	Ant1	2404	1.99667	±50	PASS
			2440	1.96721	±50	PASS
			2478	1.93705	±50	PASS



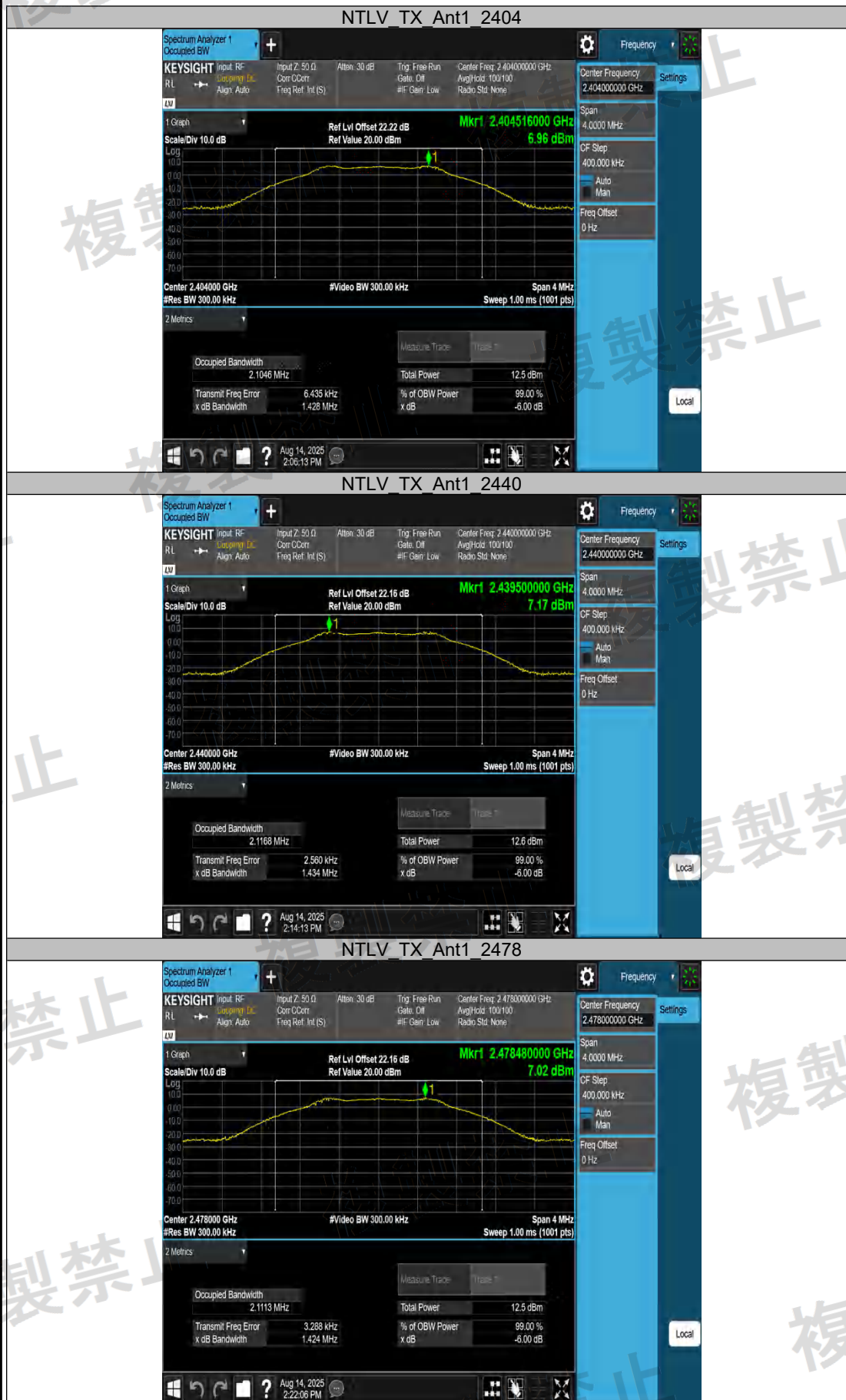




2 Appendix A.2 : OCCUPIED BANDWIDTH

TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	TX	Ant1	2404	2.108	≤26	PASS
			2440	2.115	≤26	PASS
			2478	2.104	≤26	PASS
NTLV	TX	Ant1	2404	2.105	≤26	PASS
			2440	2.117	≤26	PASS
			2478	2.111	≤26	PASS
NTHV	TX	Ant1	2404	2.107	≤26	PASS
			2440	2.118	≤26	PASS
			2478	2.111	≤26	PASS







3 Appendix A.3 : ANTENNA POWER

Antenna Power							
TestCondition	TestMode	Antenna	Freq(MHz)	Result(dBm)	Result(mW)	Limit(mW)	Verdict
NTNV	TX	Ant1	2404	7.00	5.0119	≤10	PASS
			2440	7.14	5.1761	≤10	PASS
			2478	7.25	5.3088	≤10	PASS
NTLV	TX	Ant1	2404	7.00	5.0119	≤10	PASS
			2440	7.14	5.1761	≤10	PASS
			2478	7.24	5.2966	≤10	PASS
NTHV	TX	Ant1	2404	7.01	5.0234	≤10	PASS
			2440	7.14	5.1761	≤10	PASS
			2478	7.24	5.2966	≤10	PASS

Tolerance								
Test Condition	Test Mode	Antenna	Freq(MHz)	Power (mW)	RatedPower (mW)	Result (%)	Limit (%)	Verdict
NTNV	TX	Ant1	2404	5.0119	10	-49.88	-80 to +20	PASS
			2440	5.1761	10	-48.24	-80 to +20	PASS
			2478	5.3088	10	-46.91	-80 to +20	PASS
NTLV	TX	Ant1	2404	5.0119	10	-49.88	-80 to +20	PASS
			2440	5.1761	10	-48.24	-80 to +20	PASS
			2478	5.2966	10	-47.03	-80 to +20	PASS
NTHV	TX	Ant1	2404	5.0234	10	-49.77	-80 to +20	PASS
			2440	5.1761	10	-48.24	-80 to +20	PASS
			2478	5.2966	10	-47.03	-80 to +20	PASS

EIRP							
TestCondition	TestMode	Antenna	Freq(MHz)	Power (dBm)	EIRP(dBm)	Limit(dBm)	Verdict
NTNV	TX	Ant1	2404	7.00	8.85	≤12.14	PASS
			2440	7.14	8.99	≤12.14	PASS
			2478	7.25	9.10	≤12.14	PASS
NTLV	TX	Ant1	2404	7.00	8.85	≤12.14	PASS
			2440	7.14	8.99	≤12.14	PASS
			2478	7.24	9.09	≤12.14	PASS
NTHV	TX	Ant1	2404	7.01	8.86	≤12.14	PASS
			2440	7.14	8.99	≤12.14	PASS
			2478	7.24	9.09	≤12.14	PASS

4 Appendix A.4: SPURIOUS EMISSIONS FOR TRANSMITTER

TestCondition	TestMode	Antenna	Freq(MHz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [μW]	Limit [μW]	Verdict
NTNV	TX	Ant1	2404	30~500	480.50	-44.81	≤-26	0.03304	≤2.5	PASS
				500~1000	825.13	-44.95	≤-26	0.03199	≤2.5	PASS
				1000~2387	2380.76	-42.28	≤-26	0.05916	≤2.5	PASS
				2387~2400	2387.22	-32.09	≤-16	0.61802	≤25	PASS
				2483.5~2496.5	2491.94	-31.12	≤-16	0.77268	≤25	PASS
				2496.5~13000	3750.09	-39.15	≤-26	0.12162	≤2.5	PASS
			2440	30~500	454.41	-45.53	≤-26	0.02799	≤2.5	PASS
				500~1000	864.38	-44.76	≤-26	0.03342	≤2.5	PASS
				1000~2387	2254.89	-42.33	≤-26	0.05848	≤2.5	PASS
				2387~2400	2397.12	-31.69	≤-16	0.67764	≤25	PASS
				2483.5~2496.5	2490.88	-32.18	≤-16	0.60534	≤25	PASS
				2496.5~13000	3881.39	-38.42	≤-26	0.14388	≤2.5	PASS
			2478	30~500	470.39	-45.85	≤-26	0.02600	≤2.5	PASS
				500~1000	834.38	-44.25	≤-26	0.03758	≤2.5	PASS
				1000~2387	2383.19	-41.86	≤-26	0.06516	≤2.5	PASS
				2387~2400	2388.36	-31.76	≤-16	0.66681	≤25	PASS
				2483.5~2496.5	2484.11	-31.17	≤-16	0.76384	≤25	PASS
				2496.5~13000	3777.93	-39.00	≤-26	0.12589	≤2.5	PASS
NTLV	TX	Ant1	2404	30~500	366.40	-45.22	≤-26	0.03006	≤2.5	PASS
				500~1000	891.50	-44.97	≤-26	0.03184	≤2.5	PASS
				1000~2387	2362.38	-42.47	≤-26	0.05662	≤2.5	PASS
				2387~2400	2397.43	-32.15	≤-16	0.60954	≤25	PASS
				2483.5~2496.5	2490.76	-31.52	≤-16	0.70469	≤25	PASS
				2496.5~13000	3738.01	-39.29	≤-26	0.11776	≤2.5	PASS
			2440	30~500	472.98	-45.58	≤-26	0.02767	≤2.5	PASS
				500~1000	850.63	-44.32	≤-26	0.03698	≤2.5	PASS
				1000~2387	2327.01	-42.17	≤-26	0.06067	≤2.5	PASS
				2387~2400	2391.58	-32.34	≤-16	0.58345	≤25	PASS
				2483.5~2496.5	2496.20	-31.99	≤-16	0.63241	≤25	PASS
				2496.5~13000	3679.19	-38.95	≤-26	0.12735	≤2.5	PASS
			2478	30~500	463.81	-45.71	≤-26	0.02685	≤2.5	PASS
				500~1000	863.13	-44.82	≤-26	0.03296	≤2.5	PASS
				1000~2387	2227.50	-42.40	≤-26	0.05754	≤2.5	PASS
				2387~2400	2390.03	-31.93	≤-16	0.64121	≤25	PASS
				2483.5~2496.5	2490.94	-31.69	≤-16	0.67764	≤25	PASS
				2496.5~13000	3843.57	-39.06	≤-26	0.12417	≤2.5	PASS
NTHV	TX	Ant1	2404	30~500	58.44	-45.82	≤-26	0.02618	≤2.5	PASS
				500~1000	898.13	-44.44	≤-26	0.03597	≤2.5	PASS
				1000~2387	2384.57	-42.01	≤-26	0.06295	≤2.5	PASS
				2387~2400	2387.21	-32.30	≤-16	0.58884	≤25	PASS
				2483.5~2496.5	2484.81	-31.74	≤-16	0.66988	≤25	PASS
				2496.5~13000	3820.99	-39.50	≤-26	0.11220	≤2.5	PASS
			2440	30~500	244.44	-45.80	≤-26	0.02630	≤2.5	PASS
				500~1000	631.00	-44.82	≤-26	0.03296	≤2.5	PASS
				1000~2387	2342.27	-42.53	≤-26	0.05585	≤2.5	PASS
				2387~2400	2396.18	-31.99	≤-16	0.63241	≤25	PASS
				2483.5~2496.5	2487.26	-31.34	≤-16	0.73451	≤25	PASS
				2496.5~13000	3757.97	-38.00	≤-26	0.15849	≤2.5	PASS
			2478	30~500	456.06	-45.53	≤-26	0.02799	≤2.5	PASS
				500~1000	846.13	-44.75	≤-26	0.03350	≤2.5	PASS
				1000~2387	2332.56	-42.47	≤-26	0.05662	≤2.5	PASS
				2387~2400	2393.40	-32.03	≤-16	0.62661	≤25	PASS
				2483.5~2496.5	2488.26	-32.15	≤-16	0.60954	≤25	PASS
				2496.5~13000	3811.01	-37.41	≤-26	0.18155	≤2.5	PASS

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5 Appendix A.5: SPURIOUS EMISSIONS FOR RECEIVER

TestCondition	TestMode	Antenna	Freq(MHz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	RX	Ant1	2404	30~500	240.09	-72.21	≤-54	0.06012	≤4	PASS
				500~1000	893.50	-74.73	≤-54	0.03365	≤4	PASS
				1000~12500	2473.73	-56.53	≤-47	2.22331	≤20	PASS
			2440	30~500	240.09	-71.40	≤-54	0.07244	≤4	PASS
				500~1000	945.25	-76.58	≤-54	0.02198	≤4	PASS
				1000~12500	3766.33	-59.44	≤-47	1.13763	≤20	PASS
			2478	30~500	239.86	-72.73	≤-54	0.05333	≤4	PASS
				500~1000	844.00	-76.40	≤-54	0.02291	≤4	PASS
				1000~12500	2471.43	-56.64	≤-47	2.16770	≤20	PASS
NTLV	RX	Ant1	2404	30~500	240.09	-72.17	≤-54	0.06067	≤4	PASS
				500~1000	948.50	-74.64	≤-54	0.03436	≤4	PASS
				1000~12500	2469.13	-57.85	≤-47	1.64059	≤20	PASS
			2440	30~500	240.09	-71.92	≤-54	0.06427	≤4	PASS
				500~1000	813.00	-76.62	≤-54	0.02178	≤4	PASS
				1000~12500	3861.20	-59.18	≤-47	1.20781	≤20	PASS
			2478	30~500	240.09	-71.79	≤-54	0.06622	≤4	PASS
				500~1000	865.75	-76.41	≤-54	0.02286	≤4	PASS
				1000~12500	2469.7	-56.29	≤-47	2.34963	≤20	PASS
NTHV	RX	Ant1	2404	30~500	240.09	-72.03	≤-54	0.06266	≤4	PASS
				500~1000	896.00	-76.23	≤-54	0.02382	≤4	PASS
				1000~12500	2474.88	-55.33	≤-47	2.93089	≤20	PASS
			2440	30~500	240.09	-72.10	≤-54	0.06166	≤4	PASS
				500~1000	900.00	-76.02	≤-54	0.02500	≤4	PASS
				1000~12500	3841.08	-58.17	≤-47	1.52405	≤20	PASS
			2478	30~500	240.09	-72.19	≤-54	0.06039	≤4	PASS
				500~1000	893.75	-76.73	≤-54	0.02123	≤4	PASS
				1000~12500	2469.7	-56.12	≤-47	2.44343	≤20	PASS







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