



FCC RF Test Report

APPLICANT : Motorola Mobility LLC
EQUIPMENT : Mobile Cellular Phone
BRAND NAME : Motorola
MODEL NAME : XT2655-1, XT2655-2, XT2655-3
FCC ID : IHDT56AU1
STANDARD : 47 CFR Part 22(H), 24(E), 27(L), 27(N), 90(R), 96
CLASSIFICATION : PCS Licensed Transmitter Held to Ear (PCE)
TEST DATE(S) : Dec. 11, 2025

We, Sporton International Inc. (Kunshan), would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.26-2015 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (Kunshan), the test report shall not be reproduced except in full.

Jason Jia

Approved by: Jason Jia



Sporton International Inc. (Kunshan)

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG5N2126C	Rev. 01	Initial issue of report	Dec. 23, 2025



SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1053 §22.917(a) §24.238(a) §27.53(h) §27.53(g) §90.543 (e)(3) §90.543 (f)	Radiated Spurious Emission (5G NR n5) (5G NR n2, n25) (5G NR n66) (5G NR n71) (5G NR n14)	$< 43+10\log_{10}(P[\text{Watts}])$	PASS	Under limit 10.08 dB at 6912 MHz
	§2.1051 §96.41	Radiated Spurious Emission (5G NR n48)	$< 70+10\log_{10}(P[\text{Watts}])$		
	§2.1053 §27.53 (a)(4)	Radiated Spurious Emission (5G NR n30)	$< 70+10\log_{10}(P[\text{Watts}])$		

Note: This is a variant report, the change note could be referred to the XT2655-1, XT2655-2, XT2655-3_Operational Description of Product Equality Declaration which is exhibit separately. Based on the similarity between current and previous project, only the related test cases from original test report (Sporton Report Number FG4N2802R, FG4N2802V) were verified for the differences.

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty"

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.



1 General Description

1.1 Applicant

Motorola Mobility LLC

222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

1.2 Manufacturer

Motorola Mobility LLC

222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Cellular Phone
Brand Name	Motorola
Model Name	XT2655-1, XT2655-2, XT2655-3
FCC ID	IHDT56AU1
IMEI Code	352230670015855
HW Version	DVT1
SW Version	WWL36.23
EUT Stage	Identical Prototype

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification				
Tx Frequency	5G NR n2 : 1850 MHz ~ 1910 MHz			
	5G NR n5 : 824 MHz ~ 849 MHz			
	5G NR n14: 788 MHz ~ 798 MHz			
	5G NR n25 : 1850 MHz ~ 1915 MHz			
	5G NR n30: 2305 MHz ~ 2315 MHz			
	5G NR n48: 3550 MHz ~ 3700 MHz			
	5G NR n66 : 1710 MHz ~ 1780 MHz			
	5G NR n71: 663 MHz ~ 698 MHz			
Rx Frequency	5G NR n2 : 1930 MHz ~ 1990 MHz			
	5G NR n5 : 869 MHz ~ 894 MHz			
	5G NR n14 : 758 MHz ~ 768 MHz			
	5G NR n25 : 1930 MHz ~ 1995 MHz			
	5G NR n30 :2350 MHz ~ 2360 MHz			
	5G NR n48: 3550 MHz ~ 3700 MHz			
	5G NR n66 : 2110 MHz~ 2200 MHz			
	5G NR n71: 617 MHz ~ 652 MHz			
Uplink CA Bands	n2A-n14A	n5A- n30A	n25A- n66A	
	n2A- n30A	n5A- n66A	n25A- n71A	
	n2A- n5A	n14A- n30A	n30A- n66A	
	n2A- n66A	N14A- n66A	n66A- n71A	
Type of Modulation	CP-OFDM: QPSK / 16QAM / 64QAM / 256QAM			
	DFT-s-OFDM: PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM			

1.5 Modification of EUT

No modifications are made to the EUT during all test items.

1.6 Testing Location

Sporton International Inc. (Kunshan) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

Test Firm	Sporton International Inc. (Kunshan)		
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	03CH04-KS	CN1257	314309

1.7 Test Software

Item	Site	Manufacture	Name	Version
1.	03CH04-KS	AUDIX	E3	210616

1.8 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ 47 CFR Part 22(H), 24(E), 27(L), 27(N), 90(R), 96
- ♦ ANSI C63.26-2015
- ♦ FCC KDB 971168 D01 Power Meas License Digital Systems v03r01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01

Remark:

All test items were verified and recorded according to the standards and without any deviation during the test.



1.9 Specification of Accessory

Accessories Information				
AC Adapter 1(US)	Brand Name	Motorola(Chenyang)	Model Name	MC-681N
AC Adapter 1(EU)	Brand Name	Motorola(Chenyang)	Model Name	MC-682N
AC Adapter 1(UK)	Brand Name	Motorola(Chenyang)	Model Name	MC-683N
AC Adapter 1(AR)	Brand Name	Motorola(Chenyang)	Model Name	MC-686N
AC Adapter 1(BR)	Brand Name	Motorola(Chenyang)	Model Name	MC-687N
AC Adapter 1(Chile)	Brand Name	Motorola(Chenyang)	Model Name	MC-689N
AC Adapter 2(US)	Brand Name	Motorola(Acbel)	Model Name	MC-681N
AC Adapter 2(EU)	Brand Name	Motorola(Acbel)	Model Name	MC-682N
AC Adapter 2(UK)	Brand Name	Motorola(Acbel)	Model Name	MC-683N
AC Adapter 2(AR)	Brand Name	Motorola(Acbel)	Model Name	MC-686N
AC Adapter 2(BR)	Brand Name	Motorola(Acbel)	Model Name	MC-687N
AC Adapter 2(Chile)	Brand Name	Motorola(Acbel)	Model Name	MC-689N
Battery 1	Brand Name	Motorola(ATL)	Model Name	SS13
Battery 2	Brand Name	Motorola(ATL)	Model Name	SS37
USB Cable 1	Brand Name	Motorola(saibao)	Model Name	SC18D71644
USB Cable 2	Brand Name	Motorola(Luxshare)	Model Name	SC18E08104
USB Cable 3	Brand Name	Motorola(saibao)	Model Name	SC18D86731
USB Cable 4	Brand Name	Motorola(Luxshare)	Model Name	SC18E08103

2 Test Configuration of Equipment Under Test

2.1 Test Mode

Antenna port conducted and radiated test items are performed according to KDB 971168 D01 Power Meas License Digital Systems v03r01 with maximum output power.

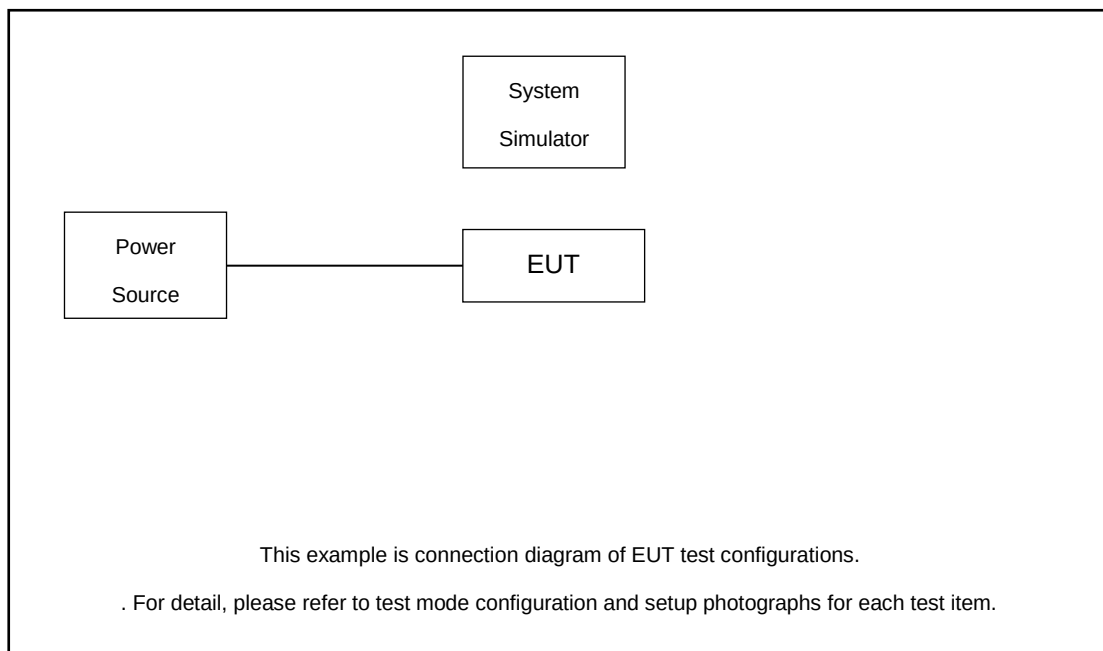
For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Y plane) were recorded in this report.

The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.

Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			

Test Items	5G NR	Bandwidth (MHz)														Modulation					RB #		Test Channel		
		5	10	15	20	25	30	40	50	60	70	80	90	100	PI/2 BPSK	QPSK	16 QAM	64 QAM	256 QAM	1	Full	L	M	H	
Radiated Spurious Emission	n2A- n14A	Worst Case																				v			
	n2A- n5A	Worst Case																				v			
	n2A- n30A	Worst Case																				v			
	n2A- n66A	Worst Case																				v			
	n5A- n30A	Worst Case																				v			
	N5A- n66A	Worst Case																				v			
	n14A- n30A	Worst Case																				v			
	n14A- n66A	Worst Case																				v			
	n25A- n66A	Worst Case																				v			
	n25A- n71A	Worst Case																				v			
	n30A- n66A	Worst Case																				v			
	n66A- n71A	Worst Case																				v			
	n48	Worst Case																				v			
Note	1. The mark “v ” means that this configuration is chosen for testing 2. The mark “-“ means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.																								

2.2 Connection Diagram of Test System



The EUT has been configuration operated in a manner tended to maximize its emission characteristics in a typical application.

2.3 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model No.	FCC ID	Data Cable	Power Cord
1.	DC Power Supply	GW	GPS-3030D	N/A	N/A	Unshielded, 1.8 m
2.	LTE Base Station	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m
3.	NR Base Station	Anritsu	MT8000A	N/A	N/A	Unshielded, 1.8 m



2.4 Frequency List of Low/Middle/High Channels

5G NR n2 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
40	Channel	374000	376000	378000
	Frequency	1870	1880	1890
35	Channel	373500	376000	378500
	Frequency	1867.5	1880	1892.5
30	Channel	373000	376000	379000
	Frequency	1865	1880	1895
25	Channel	372500	376000	379500
	Frequency	1862.5	1880	1897.5
20	Channel	372000	376000	380000
	Frequency	1860	1880	1900
15	Channel	371500	376000	380500
	Frequency	1857.5	1880	1902.5
10	Channel	371000	376000	381000
	Frequency	1855	1880	1905
5	Channel	370500	376000	381500
	Frequency	1852.5	1880	1907.5

5G NR n5 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	166800	167300	167800
	Frequency	834	836.5	839
15	Channel	166300	167300	168300
	Frequency	831.5	836.5	841.5
10	Channel	165800	167300	168800
	Frequency	829	836.5	844
5	Channel	165300	167300	169300
	Frequency	826.5	836.5	846.5



5G NR n25 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
40	Channel	390000	392500	395000
	Frequency	1870	1882.5	1895
35	Channel	373500	376500	379500
	Frequency	1867.5	1882.5	1897.5
30	Channel	389000	392500	396000
	Frequency	1865	1882.5	1900
25	Channel	388500	392500	396500
	Frequency	1862.5	1882.5	1902.5
20	Channel	372000	376500	381000
	Frequency	1860	1882.5	1905
15	Channel	371500	376500	381500
	Frequency	1857.5	1882.5	1907.5
10	Channel	371000	376500	382000
	Frequency	1855	1882.5	1910
5	Channel	370500	376500	382500
	Frequency	1852.5	1882.5	1912.5

5G NR n48 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
40	Channel	638000	641666	645332
	Frequency	3570	3624.99	3679.98
30	Channel	637666	641666	645666
	Frequency	3564.99	3624.99	3684.99
20	Channel	637334	641666	646000
	Frequency	3560.01	3624.99	3690
15	Channel	637168	641666	646166
	Frequency	3557.52	3624.99	3692.49
10	Channel	637000	641666	646332
	Frequency	3555	3624.99	3694.98



5G NR n66 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
45	Channel	346500	349000	351500
	Frequency	1732.5	1745	1757.5
40	Channel	346000	349000	352000
	Frequency	1730	1745	1760
35	Channel	345500	349000	352500
	Frequency	1727.5	1745	1762.5
30	Channel	345000	349000	353000
	Frequency	1725	1745	1765
25	Channel	344500	349000	353500
	Frequency	1722.5	1745	1767.5
20	Channel	344000	349000	354000
	Frequency	1720	1745	1770
15	Channel	343500	349000	354500
	Frequency	1717.5	1745	1772.5
10	Channel	343000	349000	355000
	Frequency	1715	1745	1775
5	Channel	342500	349000	355500
	Frequency	1712.5	1745	1777.5



5G NR n71 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
35	Channel	136100		
	Frequency	680.5		
30	Channel	135600	136100	136600
	Frequency	678	680.5	683
25	Channel	135100	136100	137100
	Frequency	675.5	680.5	685.5
20	Channel	134600	136100	137600
	Frequency	673	680.5	688
15	Channel	134100	136100	138100
	Frequency	670.5	680.5	690.5
10	Channel	133600	136100	138600
	Frequency	668	680.5	693
5	Channel	133100	136100	139100
	Frequency	665.5	680.5	695.5

5G NR n14 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	158600	-
	Frequency	-	793	-
5	Channel	158100	158600	159100
	Frequency	790.5	793	795.5

5G NR n30 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	462000	-
	Frequency	-	2310	-
5	Channel	461500	462000	462500
	Frequency	2307.5	2310	2312.5

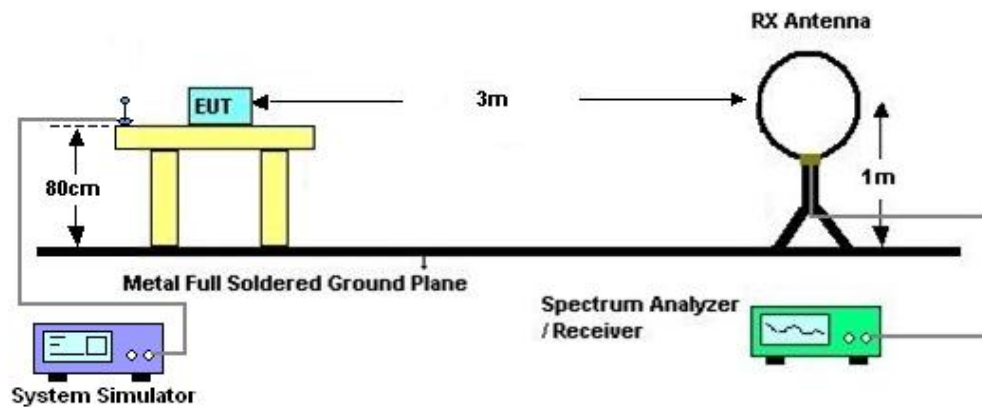
3 Radiated Test Items

3.1 Measuring Instruments

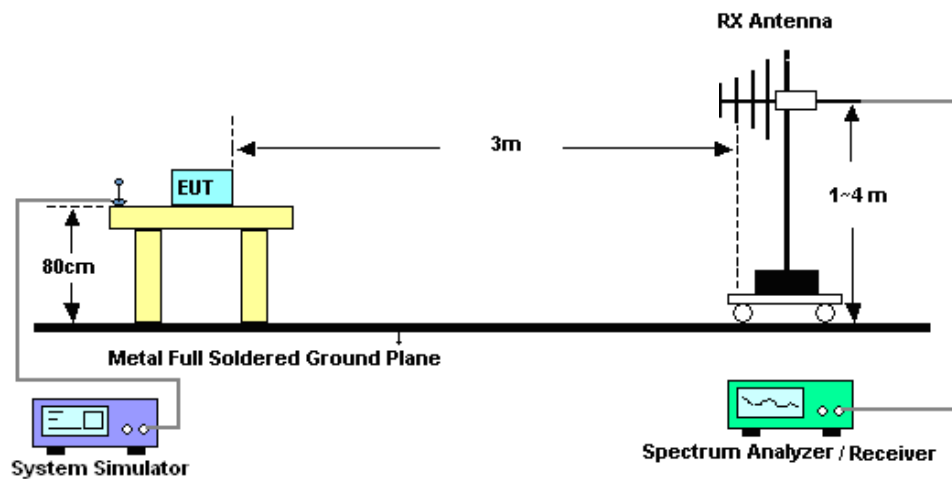
See list of measuring instruments of this test report.

3.2 Test Setup

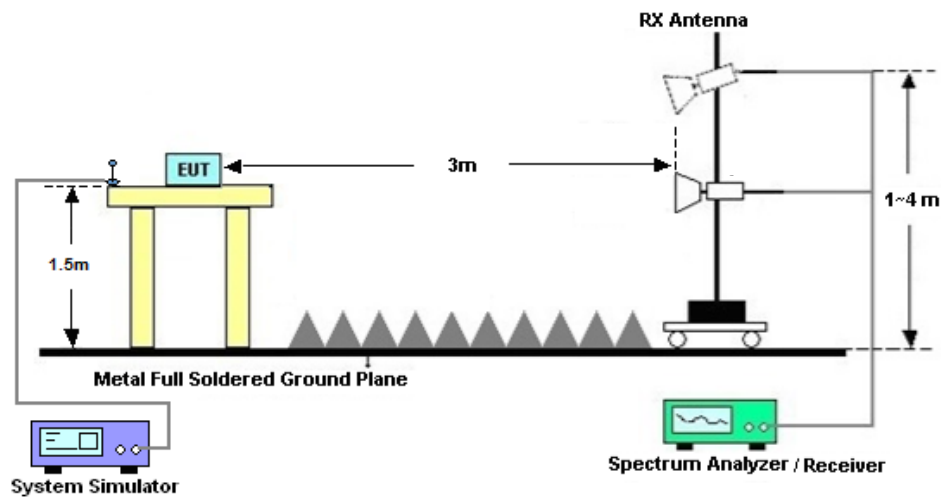
3.2.1 For radiated test below 30MHz



3.2.2 For radiated test from 30MHz to 1GHz



3.2.3 For radiated test above 1GHz



3.3 Test Result of Radiated Test

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

Please refer to Appendix B.

3.4 Radiated Spurious Emission

3.4.1 Description of Radiated Spurious Emission

The radiated spurious emission was measured by substitution method according to ANSI C63.26. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

For n30/n48

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $70 + 10 \log (P)$ dB.

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

3.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.5
2. The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the receiving antenna mounted on the antenna tower.
4. The table was rotated 360 degrees to determine the position of the highest spurious emission.
5. The height of the receiving antenna is varied between 1m to 4m to search the maximum spurious emission for both horizontal and vertical polarizations.
6. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
7. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
8. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
9. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
10. $EIRP \text{ (dBm)} = S.G. \text{ Power} - Tx \text{ Cable Loss} + Tx \text{ Antenna Gain}$
11. $ERP \text{ (dBm)} = EIRP - 2.15$
12. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)
= $P(W) - [43 + 10\log(P)] \text{ (dB)}$
= $[30 + 10\log(P)] \text{ (dBm)} - [43 + 10\log(P)] \text{ (dB)}$
= -13dBm.



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EXA Spectrum Analyzer	Keysight	N9010A	MY55370528	10Hz-44G,MAX 30dB	Dec. 02, 2025	Dec. 11, 2025	Dec. 01, 2026	Radiation (03CH04-KS)
Bilog Antenna	TeseQ	CBL6111D	44483	30MHz-1GHz	Nov. 22, 2025	Dec. 11, 2025	Nov. 21, 2026	Radiation (03CH04-KS)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00227860	1GHz~18GHz	Aug. 22, 2025	Dec. 11, 2025	Aug. 21, 2026	Radiation (03CH04-KS)
SHF-EHF Horn	Com-power	AH-840	101070	18GHz~40GHz	Jan. 11, 2025	Dec. 11, 2025	Jan. 10, 2026	Radiation (03CH04-KS)
Amplifier	SONOMA	310N	380826	9KHz-1GHz	Jul. 02, 2025	Dec. 11, 2025	Jul. 01, 2026	Radiation (03CH04-KS)
Amplifier	EM	EM18G40G A	060852	18~40GHz	Jan. 03, 2025	Dec. 11, 2025	Jan. 02, 2026	Radiation (03CH04-KS)
high gain Amplifier	EM	EM01G18G A	060890	1Ghz-18Ghz	May 23, 2025	Dec. 11, 2025	May 22, 2026	Radiation (03CH04-KS)
Amplifier	EM	EM01G18G A	060892	1Ghz-18Ghz	Oct. 11, 2025	Dec. 11, 2025	Oct. 10, 2026	Radiation (03CH04-KS)
AC Power Source	Chroma	61601	F104090004	N/A	NCR	Dec. 11, 2025	NCR	Radiation (03CH04-KS)
Turn Table	ChamPro	EM 1000-T	060762-T	0~360 degree	NCR	Dec. 11, 2025	NCR	Radiation (03CH04-KS)
Antenna Mast	ChamPro	EM 1000-A	060762-A	1 m~4 m	NCR	Dec. 11, 2025	NCR	Radiation (03CH04-KS)

NCR: No Calibration Required



5 Measurement Uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.26-2015. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.83 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.83 dB
---	---------

Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.82 dB
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----- THE END -----

Appendix A. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Chris	Temperature :	21~25°C
		Relative Humidity :	51~53%

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

SA n48 / 40MHz / QPSK / ANT3 open status								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7212	-59.05	-40	-19.05	-70.51	2.84	14.30	H
	10824	-50.53	-40	-10.53	-60.47	3.49	13.43	H
	14424	-58.30	-40	-18.30	-68.54	3.85	14.09	H
	7212	-61.05	-40	-21.05	-72.51	2.84	14.30	V
	10824	-53.69	-40	-13.69	-63.63	3.49	13.43	V
	14424	-58.18	-40	-18.18	-68.42	3.85	14.09	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

ULCA_ n2A- n5A (ANT3+0) open status								
Channel	Frequency (MHz)	ERP/EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n2 BW 40MHz Middle 1RB0,QPSK	3720	-56.05	-13	-43.05	-68.31	2.64	14.90	H
	5580	-51.57	-13	-38.57	-63.43	2.94	14.80	H
	7455	-52.34	-13	-39.34	-62.11	3.39	13.16	H
	3720	-55.98	-13	-42.98	-68.24	2.64	14.90	V
	5580	-53.77	-13	-40.77	-65.63	2.94	14.80	V
	7455	-52.24	-13	-39.24	-62.01	3.39	13.16	V
NR n5 BW 20MHz Middle 1RB0,QPSK	1656	-62.92	-13	-49.92	-69.89	1.58	10.70	H
	2482	-58.72	-13	-45.72	-66.97	2.102	12.50	H
	3315	-57.97	-13	-44.97	-66.86	2.856	13.90	H
	1656	-62.04	-13	-49.04	-69.01	1.58	10.70	V
	2482	-56.69	-13	-43.69	-64.94	2.10	12.50	V
	3315	-57.99	-13	-44.99	-66.88	2.86	13.90	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

ULCA_ n2A- n14A (ANT1+0) open status								
Channel	Frequency (MHz)	ERP/EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n2 BW 40MHz Middle 1RB0,QPSK	3720	-56.20	-13	-43.20	-68.46	2.64	14.90	H
	5580	-55.64	-13	-42.64	-67.50	2.94	14.80	H
	7455	-52.23	-13	-39.23	-62.00	3.39	13.16	H
	3720	-55.81	-13	-42.81	-68.07	2.64	14.90	V
	5580	-55.31	-13	-42.31	-67.17	2.94	14.80	V
	7455	-52.38	-13	-39.38	-62.15	3.39	13.16	V
NR n14 BW 10MHz Middle 1RB0,QPSK	1576	-63.98	-42.15	-21.83	-66.61	1.09	5.87	H
	2364	-60.13	-13	-47.13	-62.53	1.37	5.92	H
	3150	-58.37	-13	-45.37	-62.26	1.64	7.68	H
	1576	-63.25	-42.15	-21.10	-65.88	1.09	5.87	V
	2364	-58.15	-13	-45.15	-60.55	1.37	5.92	V
	3150	-57.64	-13	-44.64	-61.53	1.64	7.68	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

ULCA_ n2A- n66A (ANT3+0) open status								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n2 BW 40MHz Middle 1RB0,QPSK	3720	-55.99	-13	-42.99	-68.25	2.64	14.90	H
	5580	-55.26	-13	-42.26	-67.12	2.94	14.80	H
	7455	-51.82	-13	-38.82	-61.59	3.39	13.16	H
	3720	-55.76	-13	-42.76	-68.02	2.64	14.90	V
	5580	-55.63	-13	-42.63	-67.49	2.94	14.80	V
	7455	-52.52	-13	-39.52	-62.29	3.39	13.16	V
NR n66 BW 45MHz Middle 1RB0,QPSK	3450	-53.34	-13	-40.34	-64.08	2.60	13.34	H
	5175	-48.31	-13	-35.31	-58.82	3.01	13.52	H
	6915	-53.87	-13	-40.87	-64.07	3.27	13.47	H
	3450	-52.65	-13	-39.65	-63.39	2.60	13.34	V
	5175	-43.74	-13	-30.74	-54.25	3.01	13.52	V
	6915	-53.95	-13	-40.95	-64.15	3.27	13.47	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

ULCA_ n2A- n30A (ANT3+0) open status								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n2 BW 40MHz Middle 1RB0,QPSK	3720	-51.43	-13	-38.43	-63.69	2.64	14.90	H
	5585	-49.09	-13	-36.09	-60.95	2.94	14.80	H
	7450	-52.60	-13	-39.60	-62.37	3.39	13.16	H
	3720	-51.92	-13	-38.92	-64.18	2.64	14.90	V
	5585	-53.01	-13	-40.01	-64.87	2.94	14.80	V
	7450	-52.31	-13	-39.31	-62.08	3.39	13.16	V
NR n30 BW 10MHz Middle 1RB0,QPSK	4616	-61.43	-40	-21.43	-72.89	2.84	14.30	H
	6912	-61.79	-40	-21.79	-71.73	3.49	13.43	H
	9222	-60.44	-40	-20.44	-70.68	3.85	14.09	H
	4616	-61.30	-40	-21.30	-72.76	2.84	14.30	V
	6912	-61.43	-40	-21.43	-71.37	3.49	13.43	V
	9222	-60.32	-40	-20.32	-70.56	3.85	14.09	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

ULCA_ n5A- n30A (ANT1+0) open status								
Channel	Frequency (MHz)	ERP/EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n5 BW 20MHz Middle 1RB0,QPSK	1654	-52.55	-13	-39.55	-57.33	1.09	5.87	H
	2482	-58.91	-13	-45.91	-63.46	1.37	5.92	H
	3310	-57.87	-13	-44.87	-63.91	1.64	7.68	H
	1654	-57.75	-13	-44.75	-62.53	1.09	5.87	V
	2482	-56.83	-13	-43.83	-61.38	1.37	5.92	V
	3310	-58.21	-13	-45.21	-64.25	1.64	7.68	V
NR n30 BW 10MHz Middle 1RB0,QPSK	4616	-61.63	-40	-21.63	-73.09	2.84	14.30	H
	6912	-61.73	-40	-21.73	-71.67	3.49	13.43	H
	9222	-60.66	-40	-20.66	-70.90	3.85	14.09	H
	4616	-60.91	-40	-20.91	-72.37	2.84	14.30	V
	6912	-59.71	-40	-19.71	-69.65	3.49	13.43	V
	9222	-60.34	-40	-20.34	-70.58	3.85	14.09	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



ULCA_ n5A- n66A (ANT0+1) open status								
Channel	Frequency (MHz)	ERP/EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n5 BW 20MHz Middle 1RB0,QPSK	1654	-54.02	-13	-41.02	-58.80	1.09	5.87	H
	2482	-58.62	-13	-45.62	-63.17	1.37	5.92	H
	3315	-58.08	-13	-45.08	-64.12	1.64	7.68	H
	1654	-57.24	-13	-44.24	-62.02	1.09	5.87	V
	2482	-57.03	-13	-44.03	-61.58	1.37	5.92	V
	3315	-58.06	-13	-45.06	-64.10	1.64	7.68	V
NR n66 BW 45MHz Middle 1RB0,QPSK	3450	-58.03	-13	-45.03	-68.77	2.60	13.34	H
	5175	-54.63	-13	-41.63	-65.14	3.01	13.52	H
	6915	-53.91	-13	-40.91	-64.11	3.27	13.47	H
	3450	-58.57	-13	-45.57	-69.31	2.60	13.34	V
	5175	-55.26	-13	-42.26	-65.77	3.01	13.52	V
	6915	-54.31	-13	-41.31	-64.51	3.27	13.47	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

ULCA_ n14A- n30A (ANT1+0) open status								
Channel	Frequency (MHz)	ERP/EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n14 BW 10MHz Middle 1RB0,QPSK	1576	-60.58	-42.15	-18.43	-65.36	1.09	5.87	H
	2365	-59.74	-13	-46.74	-64.29	1.37	5.92	H
	3154	-57.71	-13	-44.71	-63.75	1.64	7.68	H
	1576	-59.36	-42.15	-17.21	-64.14	1.09	5.87	V
	2365	-58.40	-13	-45.40	-62.95	1.37	5.92	V
	3154	-57.55	-13	-44.55	-63.59	1.64	7.68	V
NR n30 BW 10MHz Middle 1RB0,QPSK	4616	-61.63	-40	-21.63	-73.09	2.84	14.30	H
	6912	-50.08	-40	-10.08	-60.02	3.49	13.43	H
	9222	-60.83	-40	-20.83	-71.07	3.85	14.09	H
	4616	-61.26	-40	-21.26	-72.72	2.84	14.30	V
	6912	-57.39	-40	-17.39	-67.33	3.49	13.43	V
	9222	-60.32	-40	-20.32	-70.56	3.85	14.09	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



ULCA_ n14A- n66A (ANT0+1) open status								
Channel	Frequency (MHz)	ERP/EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n14 BW 10MHz Middle 1RB0,QPSK	1576	-62.38	-42.15	-20.23	-67.16	1.09	5.87	H
	2364	-59.57	-13	-46.57	-64.12	1.37	5.92	H
	3150	-57.94	-13	-44.94	-63.98	1.64	7.68	H
	1576	-60.38	-42.15	-18.23	-65.16	1.09	5.87	V
	2364	-58.46	-13	-45.46	-63.01	1.37	5.92	V
	3150	-58.25	-13	-45.25	-64.29	1.64	7.68	V
NR n66 BW 45MHz Middle 1RB0,QPSK	3450	-58.18	-13	-45.18	-68.92	2.60	13.34	H
	5175	-54.68	-13	-41.68	-65.19	3.01	13.52	H
	6915	-54.27	-13	-41.27	-64.47	3.27	13.47	H
	3450	-58.26	-13	-45.26	-69.00	2.60	13.34	V
	5175	-54.91	-13	-41.91	-65.42	3.01	13.52	V
	6915	-53.81	-13	-40.81	-64.01	3.27	13.47	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

ULCA_ n25A- n66A (ANT3+0) open status								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n25 BW 40MHz Middle 1RB0,QPSK	3720	-55.83	-13	-42.83	-68.09	2.64	14.90	H
	5580	-54.98	-13	-41.98	-66.84	2.94	14.80	H
	7455	-51.98	-13	-38.98	-61.75	3.39	13.16	H
	3720	-55.60	-13	-42.60	-67.86	2.64	14.90	V
	5580	-55.49	-13	-42.49	-67.35	2.94	14.80	V
	7455	-52.27	-13	-39.27	-62.04	3.39	13.16	V
NR n66 BW 45MHz Middle 1RB0,QPSK	3450	-52.88	-13	-39.88	-63.62	2.60	13.34	H
	5175	-48.20	-13	-35.20	-58.71	3.01	13.52	H
	6915	-54.10	-13	-41.10	-64.30	3.27	13.47	H
	3450	-51.40	-13	-38.40	-62.14	2.60	13.34	V
	5175	-45.15	-13	-32.15	-55.66	3.01	13.52	V
	6915	-54.22	-13	-41.22	-64.42	3.27	13.47	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



ULCA_ n25A- n71A (ANT3+0) open status								
Channel	Frequency (MHz)	ERP/EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n25 BW 40MHz Middle 1RB0,QPSK	3720	-55.98	-13	-42.98	-68.24	2.64	14.90	H
	5580	-49.34	-13	-36.34	-61.20	2.94	14.80	H
	7455	-52.40	-13	-39.40	-62.17	3.39	13.16	H
	3720	-55.72	-13	-42.72	-67.98	2.64	14.90	V
	5580	-50.22	-13	-37.22	-62.08	2.94	14.80	V
	7455	-52.43	-13	-39.43	-62.20	3.39	13.16	V
NR n71 BW 35MHz Middle 1RB0,QPSK	1328	-53.53	-13	-40.53	-58.31	1.09	5.87	H
	1994	-60.32	-13	-47.32	-64.87	1.37	5.92	H
	2660	-58.34	-13	-45.34	-64.38	1.64	7.68	H
	1328	-58.80	-13	-45.80	-63.58	1.09	5.87	V
	1994	-59.43	-13	-46.43	-63.98	1.37	5.92	V
	2660	-57.98	-13	-44.98	-64.02	1.64	7.68	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

ULCA_ n30A- n66A (ANT0+1) open status								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n30 BW 10MHz Middle 1RB0,QPSK	4616	-52.75	-40	-12.75	-65.01	2.64	14.90	H
	6912	-58.36	-40	-18.36	-70.22	2.94	14.80	H
	9222	-60.85	-40	-20.85	-70.62	3.39	13.16	H
	4616	-55.31	-40	-15.31	-67.57	2.64	14.90	V
	6912	-56.36	-40	-16.36	-68.22	2.94	14.80	V
	9222	-60.91	-40	-20.91	-70.68	3.39	13.16	V
NR n66 BW 45MHz Middle 1RB0,QPSK	3450	-55.18	-13	-42.18	-65.92	2.60	13.34	H
	5180	-51.97	-13	-38.97	-62.48	3.01	13.52	H
	6910	-54.01	-13	-41.01	-64.21	3.27	13.47	H
	3450	-53.89	-13	-40.89	-64.63	2.60	13.34	V
	5180	-48.66	-13	-35.66	-59.17	3.01	13.52	V
	6910	-53.86	-13	-40.86	-64.06	3.27	13.47	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



ULCA_ n66A- n71A (ANT3+0) open status								
Channel	Frequency (MHz)	ERP/EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n66 BW 45MHz Middle 1RB0,QPSK	3450	-57.74	-13	-44.74	-68.48	2.60	13.34	H
	5175	-54.24	-13	-41.24	-64.75	3.01	13.52	H
	6915	-54.25	-13	-41.25	-64.45	3.27	13.47	H
	3450	-57.67	-13	-44.67	-68.41	2.60	13.34	V
	5175	-55.04	-13	-42.04	-65.55	3.01	13.52	V
	6915	-54.46	-13	-41.46	-64.66	3.27	13.47	V
NR n71 BW 35MHz Middle 1RB0,QPSK	1328	-65.32	-13	-52.32	-70.10	1.09	5.87	H
	1994	-60.24	-13	-47.24	-64.79	1.37	5.92	H
	2660	-58.17	-13	-45.17	-64.21	1.64	7.68	H
	1328	-64.72	-13	-51.72	-69.50	1.09	5.87	V
	1994	-58.98	-13	-45.98	-63.53	1.37	5.92	V
	2660	-57.17	-13	-44.17	-63.21	1.64	7.68	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.