

TEST REPORT

Application No.: SUCR2604000315WM
FCC ID: IHDT56AX3
Applicant: Motorola Mobility LLC
Address of Applicant: 222 W Merchandise Mart Plaza, Chicago, IL 60654 USA
Manufacturer: Motorola Mobility LLC
Address of Manufacturer: 222 W Merchandise Mart Plaza, Chicago, IL 60654 USA
Equipment Under Test (EUT):
EUT Name: Mobile Cellular Phone
Model No.: XT2625-10
Trade Mark: Motorola
Standard(s) : 47 CFR Part 15, Subpart B
Date of Receipt: 2026-04-07
Date of Test: 2026-04-14
Date of Issue: 2026-04-28

Test Result:
Pass*

* In the configuration tested, the EUT complied with the standards specified above.

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Revision Record			
Version	Description	Date	Remark
00	Original	2026-04-28	/

Authorized for issue by:			
Tested By		Nature Shen	
		Nature Shen/Project Engineer	
Approved By		Cedar cheng	
		Cedar Cheng /Reviewer	

2 Test Summary

Emission Part				
Item	Standard	Method	Requirement	Result
Radiated Emissions (30MHz-1GHz)	47 CFR Part 15, Subpart B	ANSI C63.4-2014	15.109(a);Class B	Pass
Radiated Emissions (Above 1GHz)		ANSI C63.4-2014	15.109(g);Class B	Pass

Remark :

This test report (Report No.: SUCR260400031502 issue on 2026-04-28) is based on the original test report (Report No.: SUCR260200010902 issue on 2026-03-27).

Compared with the original project, in accordance with the customer's deviation declaration, the PA chips of the EUT for LTE B42, SA n77 and SA n78 have been replaced, and the model name has been updated simultaneously.

Therefore in this report only radiated emissions were performed based on the worst case of the original report with report number SUCR260200010902 issue on 2026-03-27.

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4 General Information

4.1 Details of E.U.T.

Hardware Version:	DVT2
Software Version:	fastboot_sydney_dcm_sys_userdebug_16_W3WYD36.54-47_25b3f3-669066_intcfg-test-keys_global_US
IMEI:	351686250703577

Accessories Information				
USB Cable 1	Brand Name	kingpower	Model Name	K235
	Signal Line	1 meter, shielded cable, w/o ferrite core		
USB Cable 2	Brand Name	washin	Model Name	HX-HQ-13
	Signal Line	1 meter, shielded cable, w/o ferrite core		

4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Computer	Lenovo	T14	2YK6GR
Mouse	Lenovo	3D optical Mouse	N/A

4.3 Measurement Uncertainty & Decision Rule

Test Item	Measurement Uncertainty
Conducted Emissions (9kHz-150KHz)	± 2.4dB
Conducted Emissions (150kHz-30MHz)	± 2.9dB
Conducted Emission at telecommunication port using AAN	± 4.0 dB
Radiated Power	±3.2dB
Radiated Emissions (30MHz-1GHz)	± 4.8dB
Radiated Emissions (Above 1GHz)	±4.8dB
Voltage Fluctuations and Flicker	± 0.12%
Remark: The U_{lab} (lab Uncertainty) is less than $U_{CISPR/ETSI}$ (CISPR/ETSI Uncertainty), so the test results – compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit; – non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.	

4.4 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu)
Pilot Free Trade Zone

No tests were sub-contracted.

Note:

- 1.SGS is not responsible for wrong test results due to incorrect information (e.g., max. internal working frequency, antenna gain, cable loss, etc) is provided by the applicant. (If applicable).
- 2.SGS is not responsible for the authenticity, integrity and the validity of the conclusion based on results of the data provided by applicant. (If applicable).
3. Sample source: sent by customer.

4.5 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **A2LA (Certificate No. 6336.01)**

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.is accredited by the American Association for Laboratory Accreditation (A2LA).

- **FCC (Designation Number: CN1312)**

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. has been recognized as an accredited testing laboratory. Test Firm Registration Number:717327

- **ISED (CAB Identifier: CN0120)**

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. has been recognized by Innovation, Science and Economic Development Canada (ISED) as an accredited testing laboratory.

Company Number: 27594

4.6 Deviation from Standards

None

4.7 Abnormalities from Standard Conditions

None

5 Equipment List

Conducted Emissions at Mains Terminals (150kHz-30MHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	2026/1/14	2027/1/13
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-06	2026/2/11	2027/2/10
Artificial network	ROHDE&SCHWARZ	ENV216	SUWI-01-19-03	2025/5/8	2026/5/7
Artificial network	ROHDE&SCHWARZ	ENV216	SUWI-01-19-04	2025/5/8	2026/5/7
Measurement Software	Tonscend	JS32-CE 4.0.0.2	SUWI-02-09-05	NCR	NCR

Radiated Emissions (30MHz-1GHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Semi-Anechoic Chamber	Brilliant-emc	N/A	SUWI-04-02-01	2023/6/3	2026/6/2
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-05	2026/2/11	2027/2/10
Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	2026/1/14	2027/1/13
Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	VULB 9168	SUWI-01-11-04	2024/8/22	2026/8/21
Amplifier	Tonscend	TAP9K3G40	SUWI-01-14-01	2026/1/14	2027/1/13
Measurement Software	Tonscend	JS32-RE	SUWI-02-09-04	NCR	NCR

Radiated Emissions (Above 1GHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Semi-Anechoic Chamber	Brilliant-emc	N/A	SUWI-04-02-01	2023/6/3	2026/6/2
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-05	2026/2/11	2027/2/10
Signal Analyzer	ROHDE&SCHWARZ	FSW43	SUWI-01-02-04	2026/1/14	2027/1/13
Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	BBHA 9120D	SUWI-01-11-02	2025/5/7	2027/5/6
Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	BBHA 9170	SUWI-01-11-03	2025/5/7	2027/5/6
Amplifier	Tonscend	TAP01018050	SUWI-01-14-02	2026/1/14	2027/1/13
Amplifier	Tonscend	TAP18040048	SUWI-01-14-03	2026/1/14	2027/1/13
Measurement Software	Tonscend	JS32-RE	SUWI-02-09-04	NCR	NCR

6 Emission Test Results

6.1 Radiated Emissions (30MHz-1GHz)

Test Requirement: 47 CFR Part 15, Subpart B

Test Method: ANSI C63.4-2014

Limit:

Class B

Test Distance: 3m

30MHz -88MHz 40.0(dBμV/m) quasi-peak

88MHz-216MHz 43.5(dBμV/m) quasi-peak

216MHz-960MHz 46.0(dBμV/m) quasi-peak

960MHz-1000MHz 54.0(dBμV/m) quasi-peak

Detector: Peak for pre-scan (120kHz resolution bandwidth) 30MHz to1000MHz

Class B

Test Distance: 10m

30MHz -88MHz 29.5(dBμV/m) quasi-peak

88MHz-216MHz 33.1(dBμV/m) quasi-peak

216MHz-960MHz 35.6(dBμV/m) quasi-peak

960MHz-1000MHz 43.5(dBμV/m) quasi-peak

Detector: Peak for pre-scan (120kHz resolution bandwidth) 30MHz to1000MHz

6.1.1 E.U.T. Operation

Operating Environment:

Temperature: 23 °C

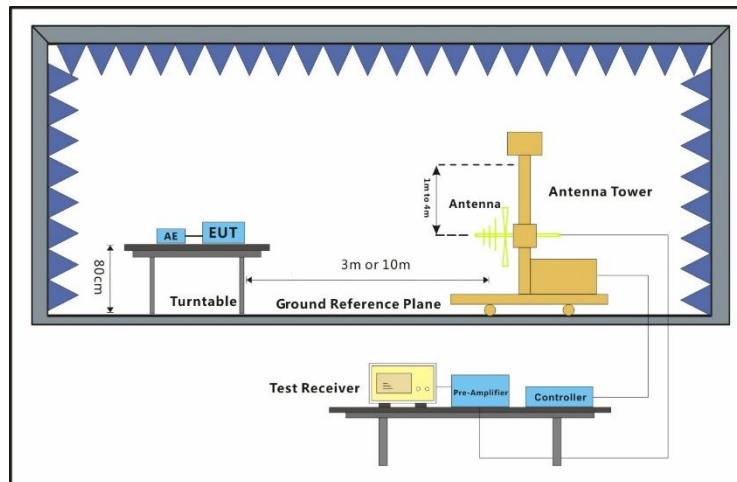
Humidity: 44 % RH

Atmospheric Pressure: 1001 mbar

6.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	sample(1)+adapter+usb Cable+BT(Idle)+2.4GWLAN(Idle)+Camera(Rear)+LTE Band42 (RX) Low
Pre-scan	01	sample(1)+adapter+usb Cable+BT(Idle)+2.4GWLAN(Idle)+Camera(Rear)+SA N77 (RX) Low
Pre-scan	02	sample(1)+adapter+usb Cable+BT(Idle)+2.4GWLAN(Idle)+Camera(Rear)+SA N78 (RX) Low

6.1.3 Test Setup Diagram

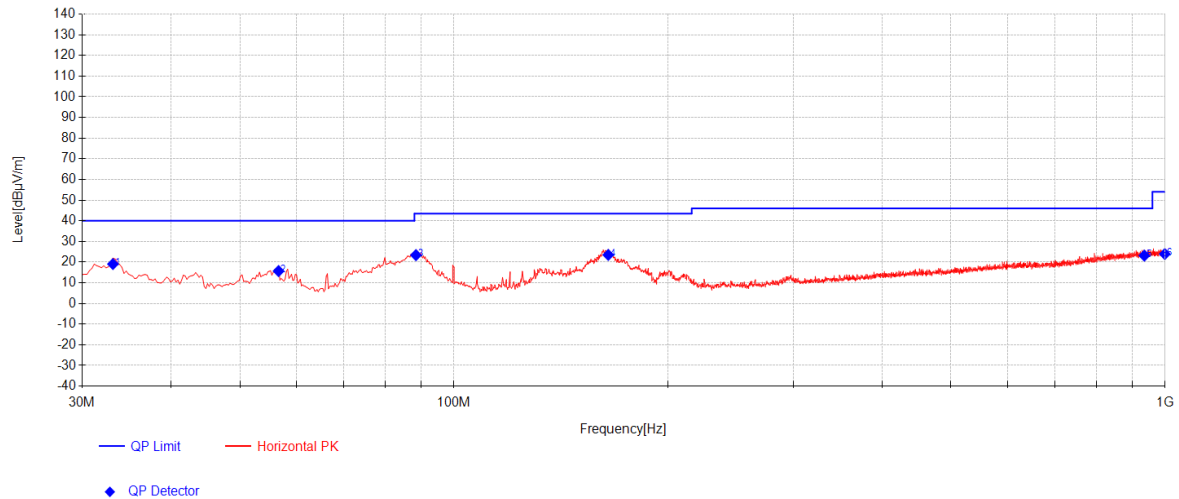


6.1.4 Measurement Procedure and Data

An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by BiConiLog antenna with 2 orthogonal polarities.

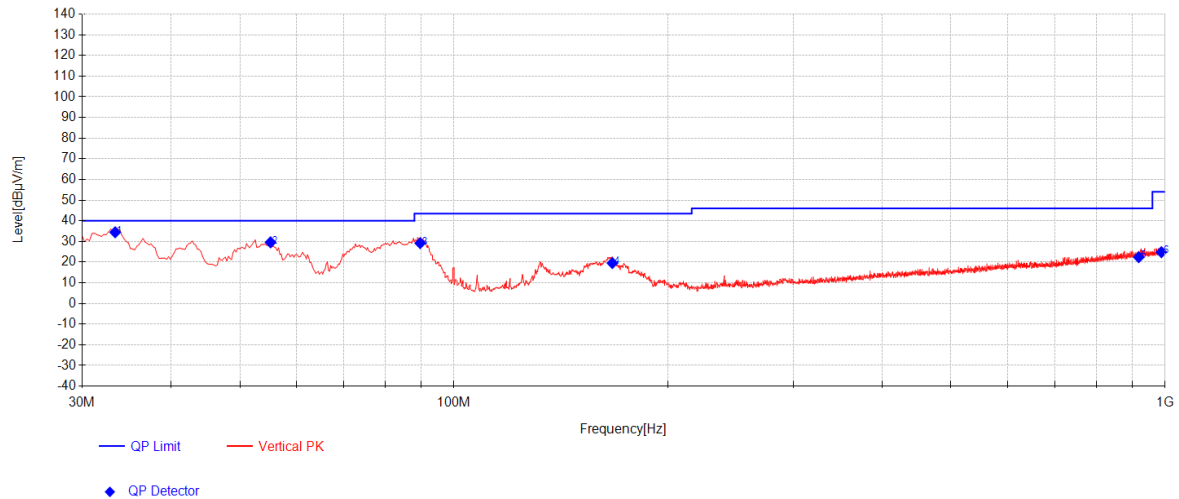
Remark: $\text{Level} = \text{Read Level} + \text{Cable Loss} + \text{Antenna Factor} - \text{Preamp Factor}$

Test Mode: 00; Polarity: Horizontal



Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Polarity
1	33.1525	40.38	12.69	-33.98	19.09	40.00	20.91	Horizontal
2	56.675	36.58	12.70	-33.60	15.68	40.00	24.32	Horizontal
3	88.4425	47.71	8.96	-33.27	23.40	43.50	20.10	Horizontal
4	164.83	43.7	12.29	-32.49	23.50	43.50	20.00	Horizontal
5	935.01	27.43	23.98	-28.25	23.16	46.00	22.84	Horizontal
6	999.03	27.25	24.49	-27.81	23.93	54.00	30.07	Horizontal

Test Mode: 00; Polarity: Vertical



Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Polarity
1	33.395	55.72	12.70	-33.97	34.45	40.00	5.55	Vertical
2	55.22	50.33	12.87	-33.62	29.58	40.00	10.42	Vertical
3	89.655	53.55	8.91	-33.26	29.20	43.50	14.30	Vertical
4	167.0125	39.93	12.06	-32.46	19.53	43.50	23.97	Vertical
5	918.2775	26.99	23.85	-28.44	22.39	46.00	23.61	Vertical
6	988.1175	28.35	24.40	-27.92	24.83	54.00	29.17	Vertical

6.2 Radiated Emissions (Above 1GHz)

Test Requirement: 47 CFR Part 15, Subpart B

Test Method: ANSI C63.4-2014

Limit:

Class B

Above 1GHz 74(dBμV/m) peak, 54(dBμV/m) average

Detector: Peak for pre-scan (1000kHz resolution bandwidth) 1000M to18000MHz

6.2.1 E.U.T. Operation

Operating Environment:

Temperature: 23 °C

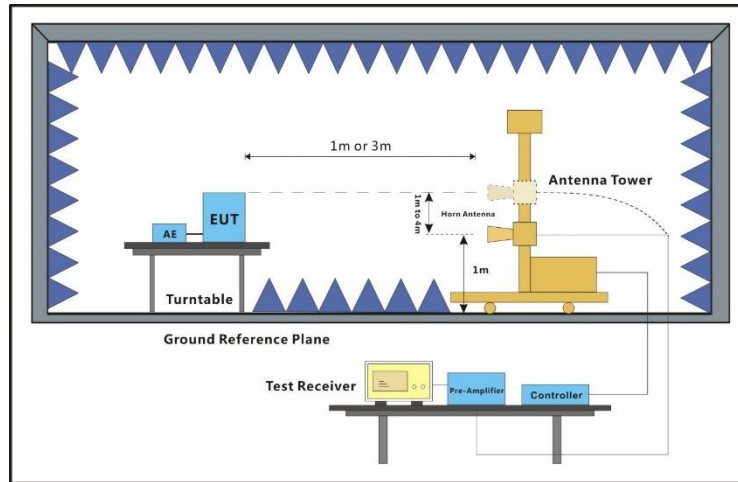
Humidity: 43 % RH

Atmospheric Pressure: 1001 mbar

6.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	sample(1)+adapter+usb Cable+BT(Idle)+2.4GWLAN(Idle)+Camera(Rear)+LTE Band42 (RX) Low
Pre-scan	01	sample(1)+adapter+usb Cable+BT(Idle)+2.4GWLAN(Idle)+Camera(Rear)+SA N77 (RX) Low
Pre-scan	02	sample(1)+adapter+usb Cable+BT(Idle)+2.4GWLAN(Idle)+Camera(Rear)+SA N78 (RX) Low

6.2.3 Test Setup Diagram



6.2.4 Measurement Procedure and Data

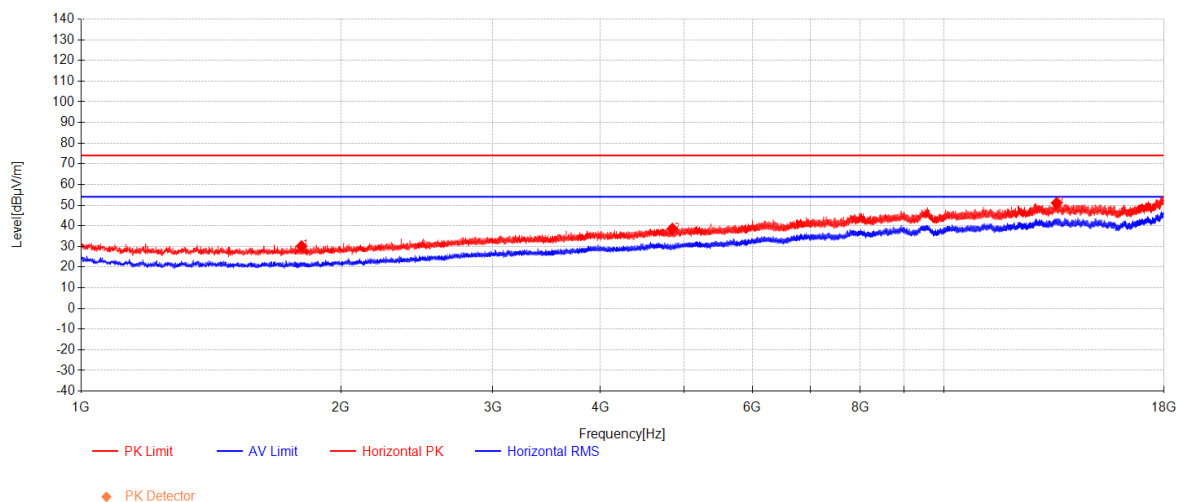
An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Average measurements were conducted based on the peak sweep graph. The EUT was measured by Horn antenna with 2 orthogonal polarities.

The red line show in graphic is the limit in standard used in this section.

Remark:

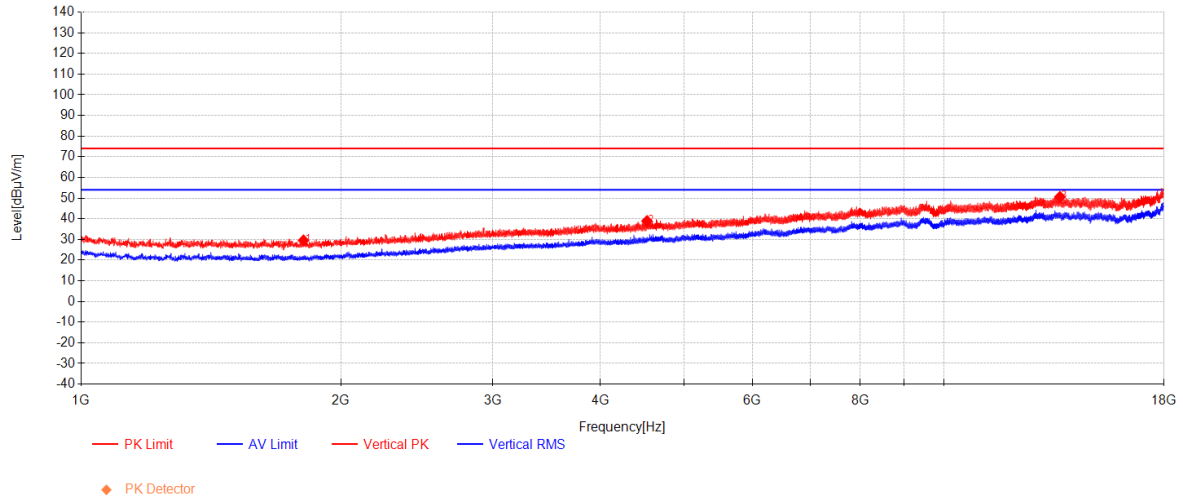
1. $\text{Level} = \text{Read Level} + \text{Cable Loss} + \text{Antenna Factor} - \text{Preamp Factor}$
2. Scan above 18GHz, the disturbance in this frequency range was very low. Spurious emissions from the radiator that are attenuated more than 20 dB below the limit need not be reported.

Test Mode: 00; Polarity: Horizontal



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	1801.125	53.74	25.01	-48.63	30.12	74.00	43.88	Horizontal
2	4845.4	51.00	32.73	-45.15	38.58	74.00	35.42	Horizontal
3	13512.425	45.48	40.16	-34.60	51.03	74.00	22.97	Horizontal

Test Mode: 00; Polarity: Vertical



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	1810.475	53.09	25.06	-48.63	29.53	74.00	44.47	Vertical
2	4527.925	52.30	31.97	-45.35	38.92	74.00	35.08	Vertical
3	13630.15	45.54	40.22	-35.16	50.59	74.00	23.41	Vertical

7 Test Setup Photo

Refer to Appendix - Test Setup Photo for SUCR2604000315WM

8 EUT Constructional Details (EUT Photos)

Refer to Appendix_Photographs of EUT Constructional Details for SUCR2604000315WM

- End of the Report -