

FCC Test Report

Report No.: AGC00408231006FR02

FCC ID	:	2A3DR-M94G
APPLICATION PURPOSE	:	Original Equipment
PRODUCT DESIGNATION	:	4G Smart phone
BRAND NAME	:	AGM
MODEL NAME	:	M9_4G
APPLICANT	:	AGM MOBILE LIMITED
DATE OF ISSUE	:	Nov. 06, 2023
STANDARD(S)	:	FCC Part 15 Subpart C §15.247
REPORT VERSION	:	V1.0







Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes	
V1.0	/	Nov. 06, 2023	Valid	Initial Release	



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1. General Information

Applicant	AGM MOBILE LIMITED			
Address	FLAT/RM 2253 22/F HOI TAI FACTORY ESTATE TSING YEUNG CIRCUIT TUEN MUN NT HONG KONG, CHINA			
Manufacturer	SHENZHEN AIJIEMO SCIENCE AND TECHNOLOGY CO., LTD			
Address	201, Building A2, Huafeng Century Technology Park, Nanchang Community, Xixiang, Baoan District, Shenzhen China			
Factory	SHENZHEN AIJIEMO SCIENCE AND TECHNOLOGY CO., LTD			
Address	201, Building A2, Huafeng Century Technology Park, Nanchang Community, Xixiang, Baoan District, Shenzhen China			
Product Designation	4G Smart phone			
Brand Name	AGM			
Test Model	M9_4G			
Date of receipt of test item	Oct.17, 2023			
Date of Test	Oct.17, 2023~Nov. 06, 2023			
Deviation from Standard	No any deviation from the test method			
Condition of Test Sample	Normal			
Test Result	Pass			
Test Report Form No	AGCER-FCC-BLE-V1			

Note: The test results of this report relate only to the tested sample identified in this report.

Prepared By

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Bibo Zhang (Project Engineer)

Nov. 06, 2023

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Nov. 06, 2023

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Nov. 06, 2023



2. Product Information

2.1 Product Technical Description

Frequency Band	2400MHz-2483.5MHz
Operation Frequency Range	2402MHz-2480MHz
Bluetooth Version	V5.0
Modulation Type	BLE GFSK 1Mbps GFSK 2Mbps
Number of channels	40
Carrier Frequency of Each Channel	40 Channels (37 hopping + 3 advertising channel)
Channel Separation	2 MHz
Maximum Transmitter Power	Bluetooth LE (1Mbps):-1.209dBm (0.00075W)
Hardware Version	FF615 V3.2
Software Version	FF615 V3.2
Antenna Designation	Monopole Antenna
Antenna Gain	2.57dBi
Power Supply	DC 3.7V by battery or DC 5V by adapter
Adapter Information	Input: AC 100-240V 50/60Hz, 0.25A Output: DC 5.0V 1A

2.2 Test Frequency List

Frequency Band	Channel Number	Frequency		
	0	2402 MHz		
	1	2404 MHz		
2400~2483.5MHz	:	:		
	19	2440MHz		
	:	:		
	38	2478 MHz		
	39	2480 MHz		
Note: $f = 2402 + 2^{k}$ MHz, $k = 0,, 39$ f is the operating frequency (MHz) k is the operating channel.				



2.3 Related Submittal(S) / Grant (S)

This submittal(s) (test report) is intended for FCC ID: **2A3DR-M94G**, filing to comply with Part 2, Part 15 of the Federal Communication Commission rules.

2.4 Test Methodology

The tests were performed according to following standards:

No.	Identity	Document Title
1	FCC 47 CFR Part 2	Frequency allocations and radio treaty matters; general rules and regulations
2	FCC 47 CFR Part 15	Radio Frequency Devices
3	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices
4	KDB 558074 D01 15.247 Meas Guidance v05r02	Guidance for compliance measurements on Digital Transmission Systems, Frequency Hopping Spread Spectrum system, and Hybrid system devices operating under Section 15.247 of the FCC rules

2.5 Special Accessories

Not available for this EUT intended for grant.

2.6 Equipment Modifications

Not available for this EUT intended for grant.

2.7 Antenna Requirement

Standard Requirement

15.203 requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

15.247(b) (4) requirement:

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi

EUT Antenna:

The non-detachable antenna inside the device cannot be replaced by the user at will. The gain of the antenna is 2.57dBi.



3. Test Environment

3.1 Address of the Test Laboratory

Laboratory: Attestation of Global Compliance (Shenzhen) Co., Ltd.

Address: 1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

3.2 Test Facility

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

CNAS-Lab Code: L5488

Attestation of Global Compliance (Shenzhen) Co., Ltd. has been assessed and proved to follow CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories).

A2LA-Lab Cert. No.: 5054.02

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to follow ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

FCC-Registration No.: 975832

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files with Registration 975832.

IC-Registration No.: 24842 (CAB identifier: CN0063)

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the Certification and Engineering Bureau of Industry Canada. The acceptance letter from the IC is maintained in our files with Registration 24842.



3.3 Environmental Conditions

	Normal Conditions
Temperature range (°C)	15 - 35
Relative humidity range	20 % - 75 %
Pressure range (kPa)	86 - 106
Power supply	DC 3.7V

3.4 Measurement Uncertainty

The reported uncertainty of measurement y \pm U, where expended uncertainty U is based on a standard

uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%.

Item	Measurement Uncertainty
Uncertainty of Conducted Emission for AC Port	$U_c = \pm 2.9 \text{ dB}$
Uncertainty of Radiated Emission below 1GHz	$U_c = \pm 3.9 \text{ dB}$
Uncertainty of Radiated Emission above 1GHz	$U_c = \pm 4.9 \text{ dB}$
Uncertainty of total RF power, conducted	$U_c = \pm 0.8 \text{ dB}$
Uncertainty of RF power density, conducted	$U_c = \pm 2.6 \text{ dB}$
Uncertainty of spurious emissions, conducted	U _c = ±2 %
Uncertainty of Occupied Channel Bandwidth	U _c = ±2 %



3.5 List of Equipment Use

• R	RF Conducted Test System							
Used	Equipment No.	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)	
\boxtimes	AGC-ER-E036	Spectrum Analyzer	Agilent	N9020A	MY49100060	2023-06-01	2024-05-31	
\boxtimes	AGC-ER-E062	Power Sensor	Agilent	U2021XA	MY54110007	2023-03-03	2024-03-02	
\boxtimes	AGC-ER-E063	Power Sensor	Agilent	U2021XA	MY54110009	2023-03-03	2024-03-02	
\boxtimes	AGC-EM-A152	6dB Attenuator	Eeatsheep	LM-XX-6-5W	N/A	2023-06-09	2024-06-08	
	AGC-ER-E083	Signal Generator	Agilent	E4421B	US39340815	2023-06-01	2024-05-31	
\boxtimes	N/A	RF Connection Cable	N/A	1#	N/A	Each time	N/A	
	N/A	RF Connection Cable	N/A	2#	N/A	Each time	N/A	

• F	Radiated Spurious Emission							
Used	Equipment No.	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)	
	AGC-EM-E046	EMI Test Receiver	R&S	ESCI	10096	2023-02-18	2024-02-17	
\boxtimes	AGC-EM-E116	EMI Test Receiver	R&S	ESCI	100034	2023-06-03	2024-06-02	
\boxtimes	AGC-EM-E061	Spectrum Analyzer	Agilent	N9010A	MY53470504	2023-06-01	2024-05-31	
\boxtimes	AGC-EM-E086	Loop Antenna	ZHINAN	ZN30900C	18051	2022-03-12	2024-03-11	
\boxtimes	AGC-EM-E001	Wideband Antenna	SCHWARZBECK	VULB9168	D69250	2023-05-11	2025-05-10	
\boxtimes	AGC-EM-E029	Broadband Ridged Horn Antenna	ETS	3117	00034609	2023-03-23	2024-03-22	
	AGC-EM-E082	Horn Antenna	SCHWARZBECK	BBHA 9170	#768	2021-10-31	2023-10-30	
\boxtimes	AGC-EM-E146	Pre-amplifier	ETS	3117-PA	00246148	2022-08-04	2024-08-03	
\boxtimes	AGC-EM-A119	2.4G Filter	SongYi	N/A	N/A	2023-06-01	2024-05-31	
\square	AGC-EM-A138	6dB Attenuator	Eeatsheep	LM-XX-6-5W	N/A	2023-06-09	2024-06-08	
	AGC-EM-A139	6dB Attenuator	Eeatsheep	LM-XX-6-5W	N/A	2023-06-09	2024-06-08	

• A	AC Power Line Conducted Emission						
Used	Equipment No.	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
\boxtimes	AGC-EM-E045	EMI Test Receiver	R&S	ESPI	101206	2023-06-03	2024-06-02
\boxtimes	AGC-EM-E023	AMN	R&S	100086	ESH2-Z5	2023-06-03	2024-06-02
\square	AGC-EM-A130	6dB Attenuator	Eeatsheep	LM-XX-6-5W	DC-6GZ	2023-06-09	2024-06-08



Test Software					
Used	Equipment No.	Test Equipment	Manufacturer	Model No.	Version Information
	AGC-EM-S001	CE Test System	R&S	ES-K1	V1.71
\boxtimes	AGC-EM-S003	RE Test System	FARA	EZ-EMC	VRA-03A
	AGC-ER-S012	BT/WIFI Test System	Tonscend	JS1120-2	2.6
\square	AGC-EM-S011	RSE Test System	Tonscend	TS+-Ver2.1(JS36-RSE)	4.0.0.0



4.System Test Configuration

4.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commission's requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

4.2 EUT Exercise

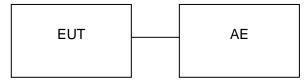
The Transmitter was operated in the normal operating mode. The TX frequency was fixed which was for the purpose of the measurements.

4.3 Configuration of Tested System

Radiated Emission Configure:



Conducted Emission Configure:



4.4 Equipment Used In Tested System

The following peripheral devices and interface cables were connected during the measurement:

☐ Test Accessories Come From The Laboratory

No.	Equipment	Model No.	Manufacturer	Specification Information	Cable
1	Earphone	N/A	СХТ	N/A	1.2m unshielded

☑ Test Accessories Come From The Manufacturer

No.	Equipment	Model No.	Manufacturer	Specification Information	Cable
1	Adapter	PS06CA050K1000UU	Shenzhen Flypower Technology Co., Ltd	Input: AC 100-240V 50/60Hz, 0.25A Output: DC 5.0V 1A	N/A
2	Battery	AGM_M9	Shenzhen Aerospace Electronic Co.,Ltd.	DC 3.7V 1000mAh	N/A
3	USB Cable	N/A	N/A	N/A	1.0m unshielded



4.5 Summary of Test Results

Item	FCC Rules	Description of Test	Result
1	§15.203&15.247(b)(4)	Antenna Equipment	Pass
2	§15.247 (b)(1)	RF Output Power	Pass
3	§15.247 (a)(1)	6 dB Bandwidth	Pass
4	§15.247 (e)	Power Spectral Density	Pass
4	§15.247 (d)	Conducted Band Edge and Out-of-Band Emissions	Pass
5	§15.209	Radiated Emission& Band Edge	Pass
6	§15.207	AC Power Line Conducted Emission	Pass



5. Description of Test Modes

	Summary Table of Test Cases		
Test Item	Data Rate / Modulation		
Test tient	Bluetooth – LE(1Mbps) / GFSK		
	Mode 1: Bluetooth Tx CH00_2402 MHz_1Mbps(Battery powered or AC/DC adapter)		
Radiated & Conducted Test Cases	Mode 2: Bluetooth Tx CH19_2440 MHz_1Mbps(Battery powered or AC/DC adapter)		
	Mode 3: Bluetooth Tx CH39_2480 MHz_1Mbps(Battery powered or AC/DC adapter)		
AC Conducted Emission	Mode 1: Bluetooth Link + Battery + USB Cable (Charging from AC Adapter)		
Note:			
. Only the result of the worst case was recorded in the report, if no other cases.			

The battery is full-charged during the test.

For Radiated Emission, 3axis were chosen for testing for each applicable mode.

2. 3. 4. 5. For Conducted Test method, a temporary antenna connector is provided by the manufacture.

The test software is through engineering commands. EUT can be set to a separate test mode.



6. Duty Cycle Measurement

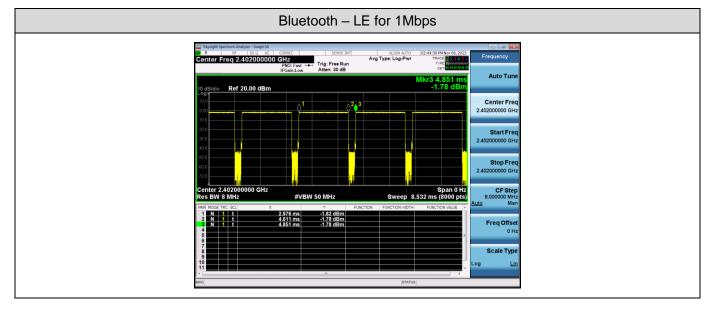
The maximum achievable duty cycles for all modes were determined based on measurements performed on a spectrum analyzer in zero-span mode with RBW = 8MHz, VBW = 50MHz, and detector = Peak. The RBW and VBW were both greater than 50/T, where T is the minimum transmission duration, and the number of sweep points across T was greater than 100. The duty cycles are as follows:

Operating mode	T(µs)	Duty Cycle (%)	Duty Cycle Factor (dB)	1/ T Minimum VBW (kHz)
BLE_1Mbps	1635	60	-1.21	0.61

Remark:

- 1. Duty Cycle factor = 10 * log (1/ Duty cycle)
- 2. The duty cycle of each frequency band mode reflects the determination requirements of the low channel measurement value

The test plots as follows:





7. RF Output Power Measurement

7.1 Provisions Applicable

For DTSs employing digital modulation techniques operating in the bands 2400-2483.5 MHz, the maximum peak conducted output power shall not exceed 1 W.

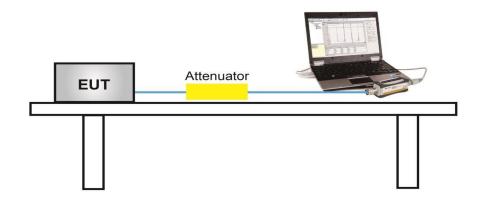
7.2 Measurement Procedure

For Peak Power, the testing follows ANSI C63.10 Section 11.9.1.2 Method Integrated band power:

- 1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
- 2. RBW≥DTS bandwidth
- 3. VBW≥3*RBW.
- 4. SPAN≥VBW.
- 5. Sweep: Auto.
- 6. Detector Function: Peak.
- 7. Trace: Max hold.
- 8. Allow trace to stabilize. Use the marker-to-peak function to set the marker to the peak of the emission. The indicated level is the peak output power, after any corrections for external attenuators and cables.
- For Average power, the testing follows ANSI C63.10 Section 11.9.2.3.2 Method AVGPM-G:
- 1. The RF output of EUT was connected to the power meter by RF cable and attenuator.
- 2. The path loss was compensated to the results for each measurement.
- 3. Set to the maximum power setting and enable the EUT transmit continuously.
- 4. Measure the conducted output power and record the results in the test report.

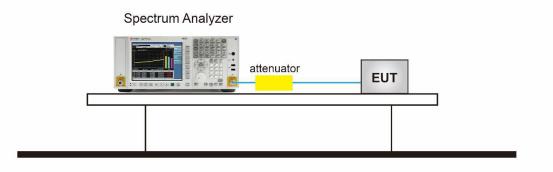
7.3 Measurement Setup (Block Diagram of Configuration)

⊠For Average power test setup





For peak power test setup



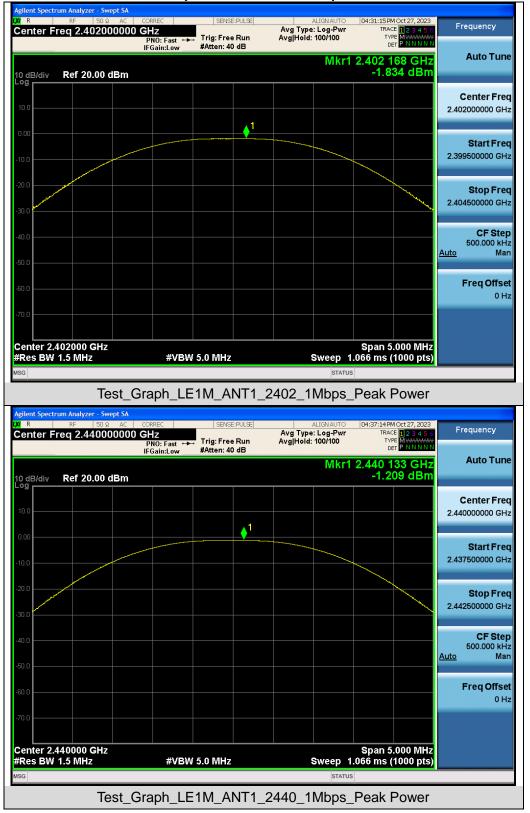
7.4 Measurement Result

Test Data of Conducted Output Power					
Test Mode	Test Frequency (MHz)	Peak Power (dBm)	Limits (dBm)	Pass or Fail	
	2402	-1.834	≪30	Pass	
GFSK_1Mbps	2440	-1.209	≪30	Pass	
	2480	-2.226	≪30	Pass	

Test Result of Average Output Power (Reporting Only)

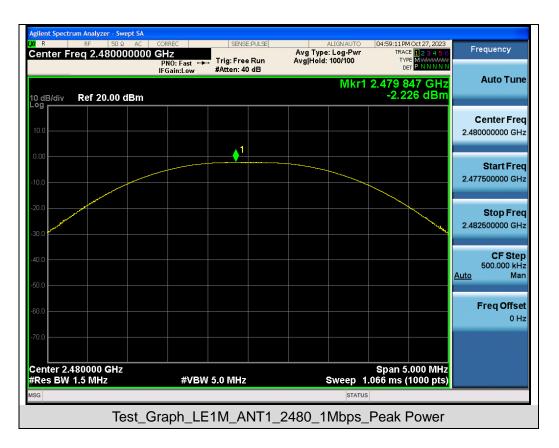
Test Data of Conducted Output Power					
Test Mode	Test Frequency (MHz)	Average Power (dBm)	Limits (dBm)	Pass or Fail	
	2402	-3.83	≤30	Pass	
GFSK_1Mbps	2440	-3.21	≤30	Pass	
	2480	-4.23	≪30	Pass	





Test Graphs of Conducted Output Power







8. 6dB Bandwidth Measurement

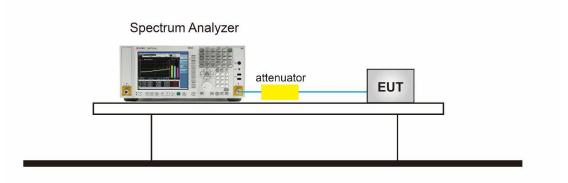
8.1 Provisions Applicable

The minimum 6 dB bandwidth shall be 500 kHz.

8.2 Measurement Procedure

- 1. The testing follows the ANSI C63.10 Section 6.9.3 (OBW) and 11.8.1 (6dB BW).
- 2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
- 3. Set to the maximum power setting and enable the EUT transmit continuously.
- 4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. Set the Video bandwidth (VBW) = 300 kHz. In order to make an accurate measurement. The 6 dB bandwidth must be greater than 500 kHz.
- 5. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1-5% of the emission bandwidth and set the Video bandwidth (VBW) ≥ 3 * RBW.
- 6. Measure and record the results in the test report.

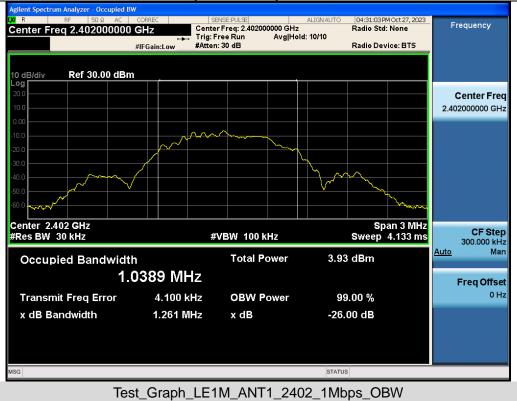
8.3 Measurement Setup (Block Diagram of Configuration)





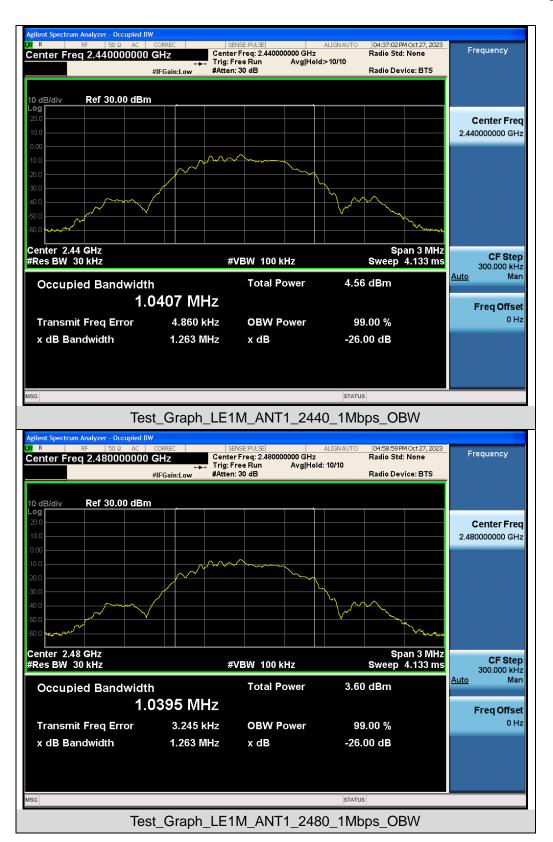
8.4 Measurement Results

Test Data of Occupied Bandwidth and DTS Bandwidth					
Test Mode	Test Frequency (MHz)	Occupied Bandwidth (MHz)	DTS BW (MHz)	DTS BW Limits	Pass or Fail
	2402	1.039	0.677	≥0.5	Pass
GFSK_1Mbps	2440	1.041	0.678	≥0.5	Pass
	2480	1.039	0.678	≥0.5	Pass

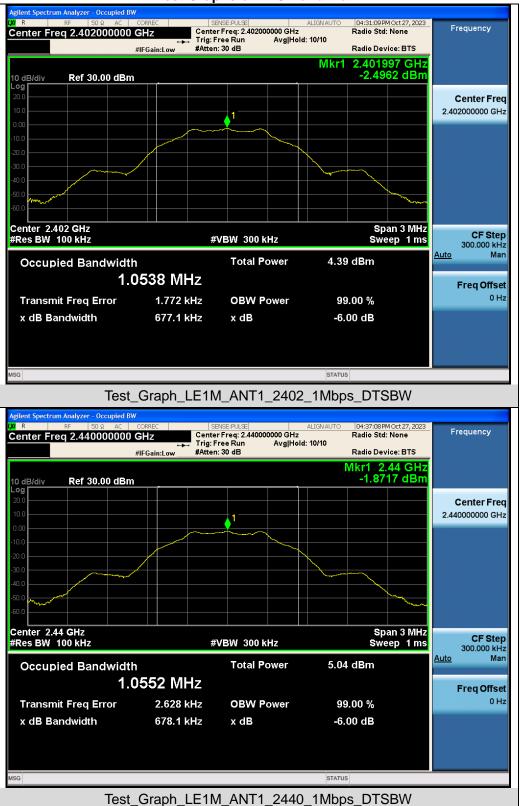


Test Graphs of Occupied Bandwidth



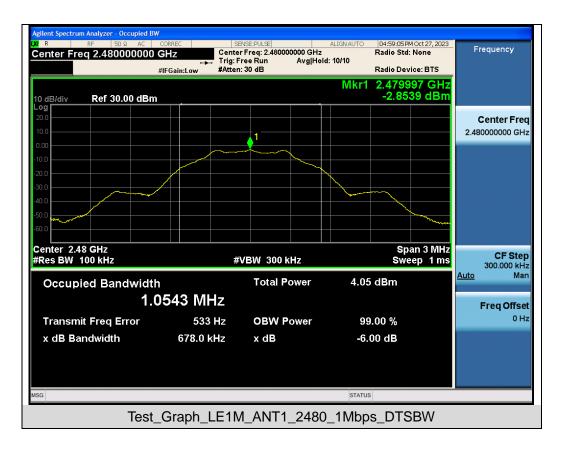






Test Graphs of DTS Bandwidth







9. Power Spectral Density Measurement

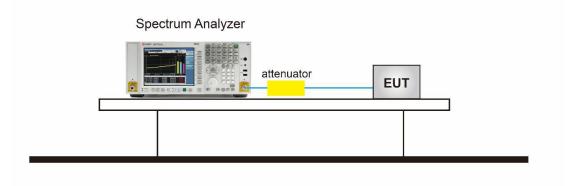
9.1 Provisions Applicable

The transmitter power spectral density conducted from the transmitter to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

9.2 Measurement Procedure

- 1. The testing follows the ANSI C63.10 Section 11.10.2 Method PKPSD.
- 2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
- 3. Set to the maximum power setting and enable the EUT transmit continuously.
- Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 3 kHz. Video bandwidth VBW = 10 kHz in order to make an accurate measurement, set the span to 1.5 times DTS Channel Bandwidth. (6dB BW)
- 5. Detector = peak, Sweep time = auto couple, Trace mode = max hold, Allow trace to fully stabilize. Use the peak marker function to determine the maximum power level.
- 6. Measure and record the results in the test report.
- The Measured power density (dBm)/ 100kHz is a reference level and used as 20dBc down limit line for Conducted Band Edges and Conducted Spurious Emission.

9.3 Measurement Setup (Block Diagram of Configuration)

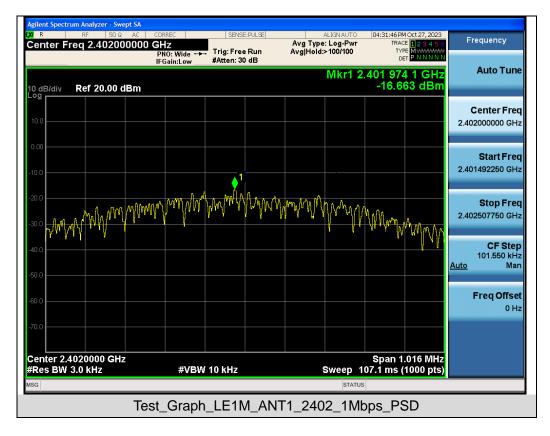




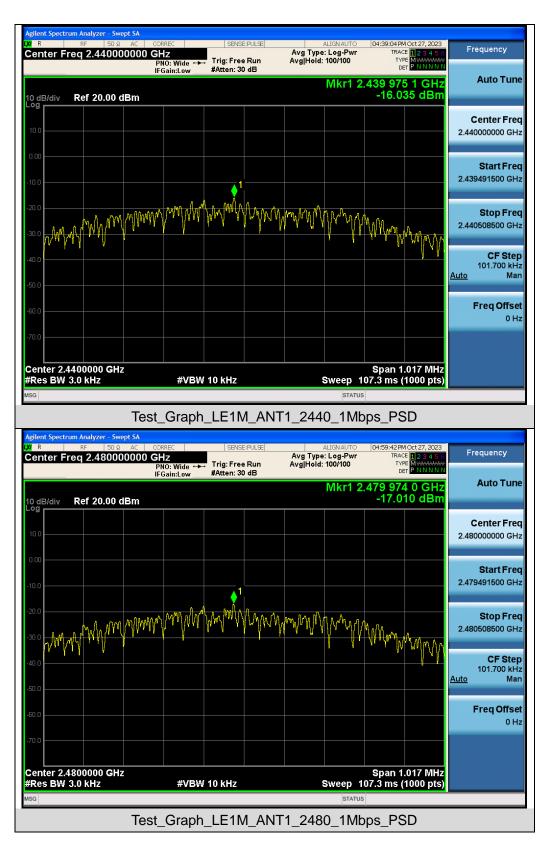
9.4 Measurement Results

Test Data of Conducted Output Power Spectral Density					
Test Mode	Test Frequency (MHz)	Power density (dBm/3kHz)	Limit (dBm/3kHz)	Pass or Fail	
	2402	-16.663	≪8	Pass	
GFSK_1Mbps	2440	-16.035	≪8	Pass	
	2480	-17.010	≤8	Pass	

Test Graphs of Conducted Output Power Spectral Density









10. Conducted Band Edge And Out-of-Band Emissions

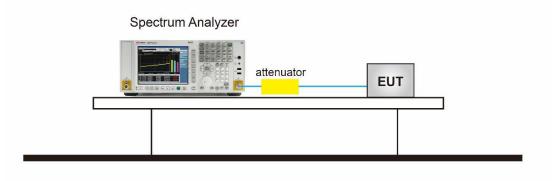
10.1 Provisions Applicable

The limit for out-of-band spurious emissions at the band edge is 20dB below the fundamental emission level, as determined from the in-band power measurement of the DTS channel performed in a 100kHz bandwidth per the PSD procedure.

10.2 Measurement Procedure

- Reference level measurement
- 1. Set instrument center frequency to DTS channel center frequency
- 2. Set the span to \geq 1.5 times the DTS bandwidth
- 3. Set the RBW = 100 kHz
- 4. Set the VBW \geq 3 x RBW
- 5. Detector = peak
- 6. Sweep time = auto couple
- 7. Trace mode = max hold
- 8. Allow trace to fully stabilize
- Emission level measurement
- 1. Set the center frequency and span to encompass frequency range to be measured
- 2. RBW = 100kHz
- 3. VBW = 300kHz
- 4. Detector = Peak
- 5. Trace mode = max hold
- 6. Sweep time = auto couple
- 7. The trace was allowed to stabilize

10.3 Measurement Setup (Block Diagram of Configuration)





10.4 Measurement Results

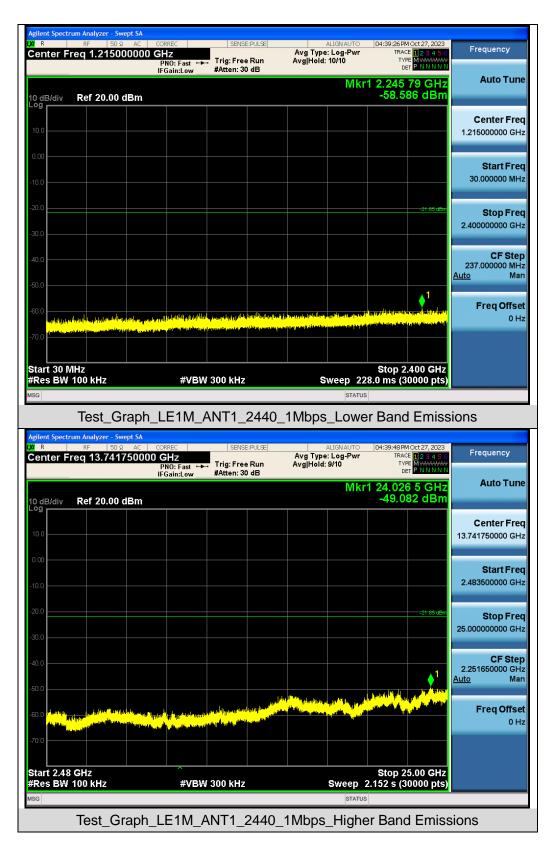


Test Graphs of Spurious Emissions in Non-Restricted Frequency Bands





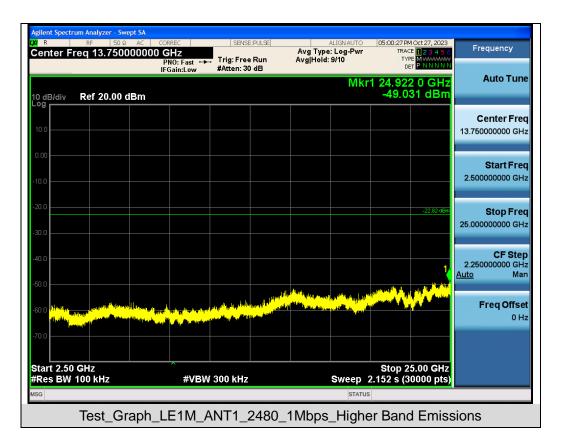




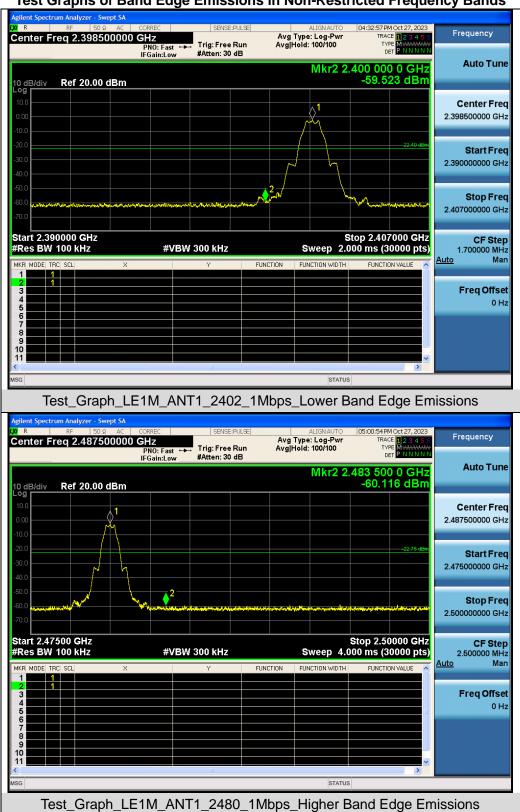












Test Graphs of Band Edge Emissions in Non-Restricted Frequency Bands



11. Radiated Spurious Emission

11.1 Measurement Limit

FCC Part 15.209 Limit in the below table to be followed

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

Note: All modes were tested for restricted band radiated emission, the test records reported below are the worst result compared to other modes.

11.2 Measurement Procedure

- 1. The EUT was placed on the top of the turntable 0.8 or 1.5 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
- 2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
- 3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
- 4. For each suspected emission, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
- 5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
- 6. For emissions above 1GHz, use 1MHz RBW and 3MHz VBW for peak reading. Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
- 7. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. Any report aving or been stated by averaging over other and the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train does not exceed by the transmitter operates for longer than 0.1 seconds.

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pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum values.

- 8. If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
- 9. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
- 10. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High Low scan is not required in this case.

Spectrum ParameterSettingStart ~Stop Frequency9kHz~150kHz/RB 200Hz for QPStart ~Stop Frequency150kHz~30MHz/RB 9kHz for QPStart ~Stop Frequency30MHz~1000MHz/RB 120kHz for QPStart ~Stop Frequency1GHz~26.5GHzStart ~Stop Frequency1MHz/3MHz for Peak, 1MHz/3MHz for Average

The following table is the setting of spectrum analyzer and receiver.

Receiver Parameter	Setting
Start ~Stop Frequency	9kHz~150kHz/RB 200Hz for QP
Start ~Stop Frequency	150kHz~30MHz/RB 9kHz for QP
Start ~Stop Frequency	30MHz~1000MHz/RB 120kHz for QP



• Quasi-Peak Measurements below 1GHz

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. Span was set greater than 1MHz
- 3. RBW = as shown in the table above
- 4. Detector = CISPR quasi-peak
- 5. Sweep time = auto couple
- 6. Trace was allowed to stabilize

Peak Measurements above 1GHz

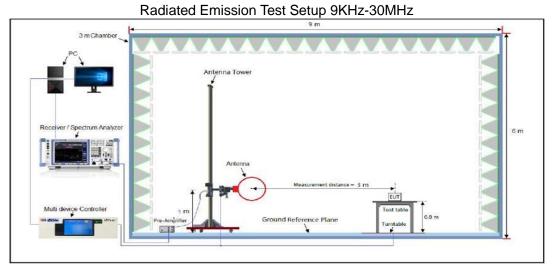
- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = 1MHz
- 3. VBW = 3MHz
- 4. Detector = peak
- 5. Sweep time = auto couple
- 6. Trace mode = max hold
- 7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

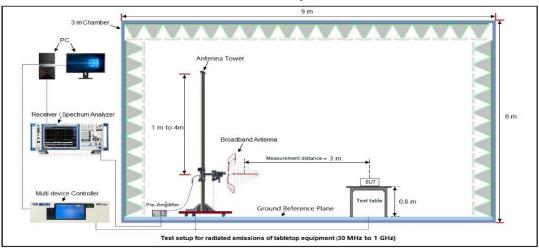
- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = 1MHz
- 3. VBW setting requirements are as follows:
- 4. If the EUT is configured to transmit with duty cycle \ge 98%, set VBW = 10 Hz.
- 5. If the EUT duty cycle is < 98%, set VBW \geq 1/T. T is the minimum transmission duration.
- 6. Detector = Peak
- 7. Sweep time = auto
- 8. Trace mode = max hold
- 8. Trace was allowed to stabilize



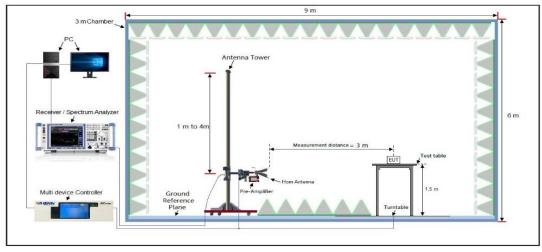
11.3 Measurement Setup (Block Diagram of Configuration)



Radiated Emission Test Setup 30MHz-1000MHz



Radiated Emission Test Setup Above 1000MHz





11.4 Measurement Result

Radiated Emission Below 30MHz

The amplitude of spurious emissions from 9kHz to 30MHz which are attenuated more than 20 dB below the permissible value need not be reported.

			Radia	ted Emiss	ion Test Res	ults at 30MHz	-1GHz			
EUT N	lame	4G Smart phone				Model Na	me	M9_4G		
Tempe	erature	22.5°C Relative Humidity				58.7%				
Press	ure	960	hPa			Test Volta	ige	DC 3.7V by battery		
Test N	lode	Mod	de 1			Antenna I	Polarity	Horizontal		
	130				FCC Part 15	c				
	110 100 90 80 70 70 70 70 70 70 70 70 70 70 70 70 70	QP Lim		100M	Frequency[H	2]			1G	
Final I	Data List									
NO.	Freq [MHz		Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	61.04	4	26.74	17.54	40.00	13.26	100	130	Horizontal	
2	96.9	3	32.35	16.15	43.50	11.15	100	110	Horizontal	
3	121.1	8	29.36	15.63	43.50	14.14	100	240	Horizontal	
4	459.7	'1	29.04	24.69	46.00	16.96	100	30	Horizontal	
5	617.8	32	30.76	25.68	46.00	15.24	100	200	Horizontal	
6	841.8	39	35.70	29.35	46.00	10.30	100	340	Horizontal	



			Radia	ted Emiss	ion Test Res	ults at 30MHz	z-1GHz			
	lame	4G \$	Smart phone			Model Na	me	M9_4G		
Tempe	erature	22.5℃			Relative H	Relative Humidity		58.7%		
Press	ure	960	hPa			Test Volta	age	DC 3.7V by battery		
Test N	lode	Mod	le 1			Antenna	Polarity	Vertical		
	130 120				FCC Part 150	2				
	120									
	100									
	90 80									
	۲۵									
	[씨/ 70 [월] 60 [98] 50									
	40								-6	
	30			- *	M.			Married Married Married Married	· ····	
	20	~~		~~~	muntur	man Mar manus	hay more and the second			
	0									
	-10 30M			100M					1G	
	_	— QP Limit			Frequency[H:	2]				
	•	QP Deter								
Final I	Data List									
NO.	Freq [MHz		Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	61.04	4	26.52	17.54	40.00	13.48	100	0	Vertical	
2	97.9)	32.14	16.44	43.50	11.36	100	220	Vertical	
3	122.1	5	27.86	15.63	43.50	15.64	100	260	Vertical	
4	461.6	5	28.56	24.36	46.00	17.44	100	110	Vertical	
5	620.7	3	30.67	25.82	46.00	15.33	100	330	Vertical	
	884.5		35.28	29.56	46.00	10.72	100	330	Vertical	

Note: 1. Factor=Antenna Factor + Cable loss, Margin= Limit-Measurement.

2. All test modes had been pre-tested. The mode 1 is the worst case and recorded in the report.



EUT Name	4G Sm	4G Smart phone			Model Name		M9_4G		
Temperature	25 ℃	25 ℃			Relat	Relative Humidity		55.4%	
Pressure	960hP	960hPa			Test Voltage			DC 3.7V by battery	
Test Mode	Mode	Mode 1			Ante	Antenna Polarity		Horizontal	
_									
Frequen	cy Meter Re	ading	Factor	Emissior	n Level	Limits	M	argin	Value Type
(MHz)	(dBµ'	V)	(dB)	(dBµV	//m)	(dBµV/m)		(dB)	value Type
4804.01	1 48.6	9	0.08	48.7	7	74.00	-2	25.23	peak
4804.01	1 42.1	1	0.08	42.1	9	54.00	-1	1.81	AVG
7206.02	2 46.3	57	2.21	48.5	58	74.00	-2	25.42	peak
7206.02	2 39.7	'4	2.21	41.9	95	54.00	-1	2.05	AVG
Remark: Factor = A	ntenna Factor	+ Cable	Lass Dra						
			LOSS – Pre-	amplitter					
				amplifier.					
EUT Name		nart phor		ampliller.	Mode	el Name	-	M9_40	 3
				ampliner.		el Name tive Humidit	y	M9_40 55.4%	
EUT Name	4G Sm	nart phor			Relat		y	55.4%	
EUT Name Temperature	4G Sm 25℃	nart phor Pa			Relat Test	tive Humidity		55.4%	V by battery
EUT Name Temperature Pressure Test Mode	4G Sm 25℃ 960hP Mode	nart phor Pa	ne		Relat Test Ante	tive Humidity Voltage nna Polarity		55.4% DC 3.7 Vertica	V by battery
EUT Name Temperature Pressure Test Mode	4G Sm 25℃ 960hP Mode	nart phor Pa 1	ne Factor	Emission	Relat Test Ante	tive Humidity Voltage nna Polarity Limits	M	55.4% DC 3.7 Vertica	V by battery
EUT Name Temperature Pressure Test Mode Frequen (MHz)	4G Sm 25°C 960hP Mode cy Meter Re (dBµ	nart phor Pa 1 vading V)	ne Factor (dB)	Emissior (dBµV	Relat Test Ante	tive Humidity Voltage nna Polarity Limits (dBµV/m)	M	55.4% DC 3.7 Vertica argin (dB)	V by battery
EUT Name Temperature Pressure Test Mode Frequen (MHz) 4804.01	4G Sm 25°C 960hP Mode cy Meter Re (dBµ 1 50.5	nart phor Pa 1 vading v)	Factor (dB) 0.08	Emission (dBµV 50.6	Relat Test Ante	tive Humidity Voltage nna Polarity Limits (dBµV/m) 74.00	M(55.4% DC 3.7 Vertica argin (dB) 23.37	V by battery
EUT Name Temperature Pressure Test Mode Frequen (MHz) 4804.01 4804.01	4G Sm 25°C 960hP Mode cy Meter Re (dBµ 1 50.5 1 41.9	nart phor Pa 1 vading V) 55 7	Factor (dB) 0.08 0.08	Еmissior (dBµV 50.6 42.0	Relat Test Ante	tive Humidity Voltage nna Polarity Limits (dBµV/m) 74.00 54.00	M (55.4% DC 3.7 Vertica argin (dB) 23.37 1.95	V by battery al Value Type peak AVG
EUT Name Temperature Pressure Test Mode Frequen (MHz) 4804.01 4804.01 7206.02	4G Sm 25℃ 960hP Mode cy Meter Re (dBµ' 1 50.5 1 41.9 2 46.3	nart phor Pa 1 adding V) 5 5 7 7	Factor (dB) 0.08 0.08 2.21	Emission (dBµV 50.6 42.0 48.5	Relat Test Ante	tive Humidity Voltage nna Polarity Limits (dBµV/m) 74.00 54.00 74.00	M (-2 -1 -2	55.4% DC 3.7 Vertica argin (dB) 23.37 1.95 25.42	V by battery al Value Type peak AVG peak
EUT Name Temperature Pressure Test Mode Frequen (MHz) 4804.01 4804.01	4G Sm 25℃ 960hP Mode cy Meter Re (dBµ' 1 50.5 1 41.9 2 46.3	nart phor Pa 1 adding V) 5 5 7 7	Factor (dB) 0.08 0.08	Еmissior (dBµV 50.6 42.0	Relat Test Ante	tive Humidity Voltage nna Polarity Limits (dBµV/m) 74.00 54.00	M (-2 -1 -2	55.4% DC 3.7 Vertica argin (dB) 23.37 1.95	V by battery al Value Type peak AVG
EUT Name Temperature Pressure Test Mode Frequen (MHz) 4804.01 7206.02 7206.02	4G Sm 25℃ 960hP Mode cy Meter Re (dBµ' 1 50.5 1 41.9 2 46.3	nart phor Pa 1 adding V) 5 5 7 7	Factor (dB) 0.08 0.08 2.21	Emission (dBµV 50.6 42.0 48.5	Relat Test Ante	tive Humidity Voltage nna Polarity Limits (dBµV/m) 74.00 54.00 74.00	M (-2 -1 -2	55.4% DC 3.7 Vertica argin (dB) 23.37 1.95 25.42	V by battery al Value Type peak AVG peak
EUT Name Temperature Pressure Test Mode Frequen (MHz) 4804.01 4804.01 7206.02 7206.02 Remark:	4G Sm 25℃ 960hP Mode cy Meter Re (dBµ' 1 50.5 1 41.9 2 46.3	nart phor Pa 1 vading 5 7 5 5 5	Factor (dB) 0.08 0.08 2.21 2.21	Emission (dBµV 50.6 42.0 48.5 42.0	Relat Test Ante	tive Humidity Voltage nna Polarity Limits (dBµV/m) 74.00 54.00 74.00	M (-2 -1 -2	55.4% DC 3.7 Vertica argin (dB) 23.37 1.95 25.42	V by battery al Value Type peak AVG peak



AVG

Radiated Emissions fest Results for Above 1012										
EUT	Name	4G Smart p	4G Smart phone			Model Name			M9_4G	
Tem	perature	25 °C Relative Humidity 55.4%								
Pres	sure	960hPa			Test	Voltage		DC 3.7V by battery		
Test	Mode	Mode 2	Mode 2		Antenna Polarity		Horizontal			
	Frequency	Meter Reading	Factor	Emissio	n Level	Limits	Ν	<i>l</i> largin	Value Type	
	(MHz)	(dBµV)	(dB)	(dBµ∖	//m)	(dBµV/m)		(dB)	value Type	
	4880.005	49.85	0.14	49.9	99	74.00	-	24.01	peak	
	4880.005	42.06	0.14	42.2	20	54.00	-	11.80	AVG	
	7320.140	46.33	2.36	48.6	69	74.00	-	25.31	peak	

41.50

54.00

-12.50

Radiated Emissions Test Results for Above 1GHz

Remark:

7320.140

Factor = Antenna Factor + Cable Loss – Pre-amplifier.

2.36

39.14

EUT Name	4G Smart phone	Model Name	M9_4G
Temperature	25 ℃	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	DC 3.7V by battery
Test Mode	Mode 2	Antenna Polarity	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Value Type
4880.050	48.52	0.14	48.66	74.00	-25.34	peak
4880.050	41.37	0.14	41.51	54.00	-12.49	AVG
7320.080	46.37	2.36	48.73	74.00	-25.27	peak
7320.080	41.22	2.36	43.58	54.00	-10.42	AVG
emark:						
	na Factor + Cable	e Loss – Pre-	amplifier.			

RESULT: Pass



EUT Name	4G Smart phone			lodel Name	1M19_4G	M9_4G			
Temperature	25 ℃	25℃ 960hPa			t y 55.4%				
Pressure	960hPa				DC 3.7	DC 3.7V by battery			
Test Mode	Mode 3	Mode 3			/ Horizor	Horizontal			
			·		·				
Frequency	Meter Reading	Factor	Emission L	_evel Limits	Margin	Value Type			
(MHz)	(dBµV)	(dB)	(dBµV/m	n) (dBµV/m)	(dB)	value Type			
4960.012	50.17	0.22	50.39	74.00	-23.61	peak			
4960.012	39.85	0.22	40.07	54.00	-13.93	AVG			
7440.027	46.33	2.64	48.97	74.00	-25.03	peak			
7440.027	39.18	2.64	41.82	54.00	-12.18	AVG			
	Remark:								
	nna Factor + Cable	e Loss – Pre-	amplifier.			-			
Factor = Ante	nna Factor + Cable 4G Smart ph		·	Iodel Name	 				
Factor = Ante			N	Nodel Name Relative Humidit		· · · · · · · · · · · · · · · · · · ·			
Factor = Ante EUT Name Temperature	4G Smart ph		R		t y 55.4%	V by battery			
Factor = Ante EUT Name Temperature Pressure	4G Smart ph 25℃		R	Relative Humidi	ty 55.4% DC 3.7	V by battery			
Factor = Ante EUT Name Temperature Pressure Test Mode	4G Smart ph 25℃ 960hPa Mode 3	one	R T A	Relative Humidir est Voltage Antenna Polarity	ty 55.4% DC 3.7 / Vertical	V by battery			
Factor = Ante EUT Name Temperature Pressure Test Mode	4G Smart ph 25℃ 960hPa Mode 3 Meter Reading	one Factor	R T Emission L	Relative Humidi est Voltage Antenna Polarity	ty 55.4% DC 3.7 Vertical Margin	V by battery			
Factor = Ante EUT Name Temperature Pressure Test Mode Frequency (MHz)	4G Smart ph 25℃ 960hPa Mode 3 Meter Reading (dBµV)	one Factor (dB)	R T Emission L (dBµV/m	Relative Humidit Test Voltage Antenna Polarity Level Limits n) (dBµV/m)	ty 55.4% DC 3.7 Vertical Margin (dB)	V by battery Value Type			
Factor = Ante EUT Name Temperature Pressure Test Mode Frequency (MHz) 4960.013	4G Smart ph 25℃ 960hPa Mode 3 Meter Reading (dBµV) 50.55	one Factor (dB) 0.22	Emission L (dBµV/m 50.77	Relative Humidit Test Voltage Antenna Polarity evel Limits 1) (dBµV/m) 74	ty 55.4% DC 3.7 Vertical Margin (dB) -23.23	V by battery Value Type peak			
Factor = Ante EUT Name Temperature Pressure Test Mode Frequency (MHz) 4960.013 4960.013	4G Smart ph 25℃ 960hPa Mode 3 Meter Reading (dBμV) 50.55 41.02	One Factor (dB) 0.22 0.22	К К К К К К К К К К К К К К К К К К К	Relative Humidit Test Voltage Antenna Polarity Level Limits n) (dBµV/m) 74 54	ty 55.4% DC 3.7 Vertical Margin (dB) -23.23 -12.76	V by battery Value Type peak AVG			
Factor = Ante EUT Name Temperature Pressure Test Mode Frequency (MHz) 4960.013 7440.027	4G Smart ph 25℃ 960hPa Mode 3 Meter Reading (dBµV) 50.55 41.02 49.33	One Factor (dB) 0.22 0.22 2.64	Emission L (dBµV/m 50.77 41.24 51.97	Celative Humidit Cest Voltage Antenna Polarity Limits n) (dBµV/m) 74 54 74	ty 55.4% DC 3.7 Vertical Margin (dB) -23.23 -12.76 -22.03	V by battery Value Type peak AVG peak			
Factor = Anter EUT Name Temperature Pressure Test Mode Frequency (MHz) 4960.013 4960.013	4G Smart ph 25℃ 960hPa Mode 3 Meter Reading (dBμV) 50.55 41.02	One Factor (dB) 0.22 0.22	К К К К К К К К К К К К К К К К К К К	Celative Humidit Cest Voltage Antenna Polarity Limits n) (dBµV/m) 74 54 74	ty 55.4% DC 3.7 Vertical Margin (dB) -23.23 -12.76	V by battery Value Type peak AVG			
Factor = Ante EUT Name Temperature Pressure Test Mode Frequency (MHz) 4960.013 7440.027	4G Smart ph 25℃ 960hPa Mode 3 Meter Reading (dBµV) 50.55 41.02 49.33	One Factor (dB) 0.22 0.22 2.64	Emission L (dBµV/m 50.77 41.24 51.97	Celative Humidit Cest Voltage Antenna Polarity Limits n) (dBµV/m) 74 54 74	ty 55.4% DC 3.7 Vertical Margin (dB) -23.23 -12.76 -22.03	V by battery Value Type peak AVG peak			
Factor = Ante EUT Name Temperature Pressure Test Mode Frequency (MHz) 4960.013 4960.013 7440.027	4G Smart ph 25℃ 960hPa Mode 3 Meter Reading (dBµV) 50.55 41.02 49.33	One Factor (dB) 0.22 0.22 2.64	Emission L (dBµV/m 50.77 41.24 51.97	Celative Humidit Cest Voltage Antenna Polarity Limits n) (dBµV/m) 74 54 74	ty 55.4% DC 3.7 Vertical Margin (dB) -23.23 -12.76 -22.03	V by battery Value Type peak AVG peak			

Note:

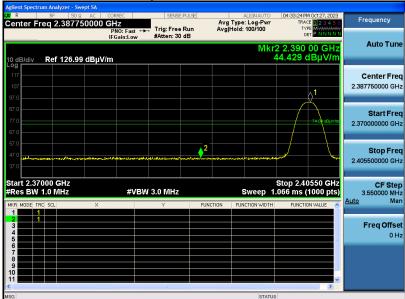
- 1. The amplitude of other spurious emissions from 1G to 25 GHz which are attenuated more than 20 dB below the permissible value need not be reported.
- 2. Factor = Antenna Factor + Cable loss Pre-amplifier gain, Margin = Emission Level-Limit.
- 3. The "Factor" value can be calculated automatically by software of measurement system.



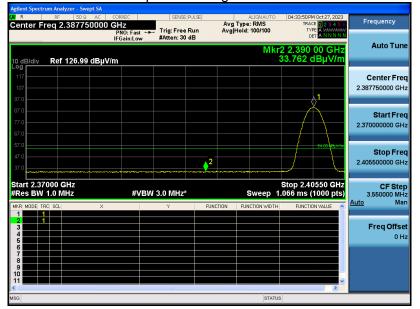
EUT Name	4G Smart phone	Model Name	M9_4G
Temperature	25℃	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	DC 3.7V by battery
Test Mode	Mode 1	Antenna Polarity	Horizontal

Band Edge Emission Test Results for Restricted Bands

Test Graph for Peak Measurement



Test Graph for Average Measurement

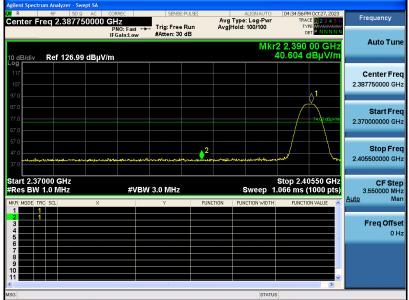


RESULT: Pass

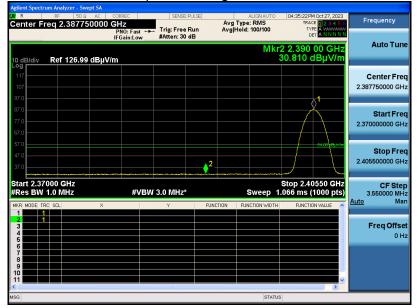


EUT Name	4G Smart phone	Model Name	M9_4G
Temperature	25 ℃	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	DC 3.7V by battery
Test Mode	Mode 1	Antenna Polarity	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement

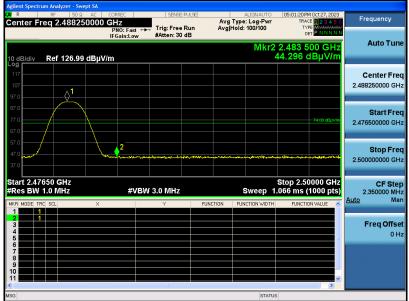


RESULT: Pass



EUT Name	4G Smart phone	Model Name	M9_4G
Temperature	25 ℃	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	DC 3.7V by battery
Test Mode	Mode 3	Antenna Polarity	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement



RESULT: Pass



EUT Name	4G Smart phone	Model Name	M9_4G
Temperature	25℃	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	DC 3.7V by battery
Test Mode	Mode 3	Antenna Polarity	Vertical

Band Edge Emission Test Results for Restricted Bands

 Test Graph for Peak Measurement

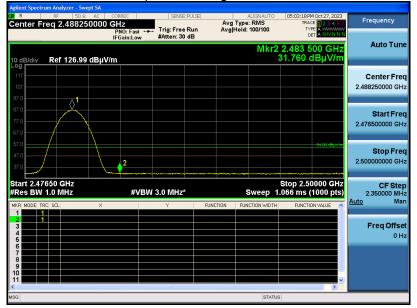
 mAnityzer - Swept SA

 RF
 50 R
 CORREC
 SENSE-PULSE
 ALIGNAUTO
 05:02:52PM Oct 27, 2023

 aq 2:44882500000 GHZ
 PDI0: East +++
 Trig: Free Run
 Avg Type: Log-Pwr
 Trace Type Run



Test Graph for Average Measurement



<u>RESULT: Pass</u> Note: The factor had been edited in the "Input Correction" of the Spectrum Analyzer.



12. AC Power Line Conducted Emission Test

12.1 Measurement Limit

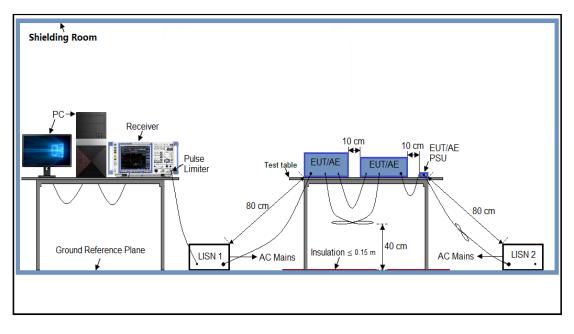
En anna an	Maximum RF Line Voltage		
Frequency	Q.P. (dBµV)	Average (dBµV)	
150kHz~500kHz	66-56	56-46	
500kHz~5MHz	56	46	
5MHz~30MHz	60	50	

Note:

1. The lower limit shall apply at the transition frequency.

2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz

12.2 Measurement Setup (Block Diagram of Configuration)





12.3 Preliminary Procedure of Line Conducted Emission Test

- 1. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.
- 2. Support equipment, if needed, was placed as per ANSI C63.10.
- 3. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10.
- 4. All support equipment received AC120V/60Hz power from a LISN, if any.
- 5. The EUT received DC 5V power from adapter which received AC120V/60Hz power from a LISN.
- 6. The test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
- 7. Analyzer / Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes.
- 8. During the above scans, the emissions were maximized by cable manipulation.
- 9. The test mode(s) were scanned during the preliminary test.

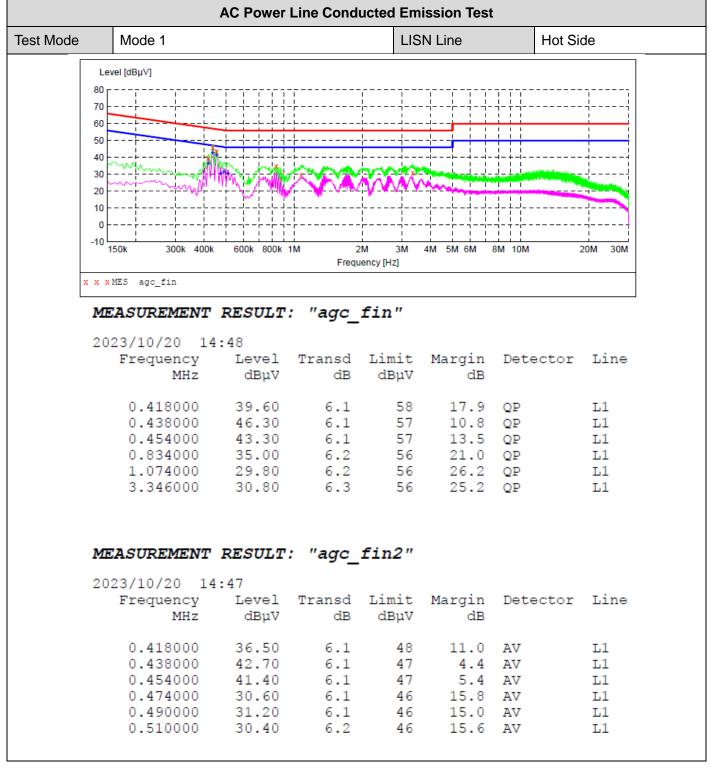
Then, the EUT configuration and cable configuration of the above highest emission level were recorded for reference of final testing.

12.4 Final Procedure of Line Conducted Emission Test

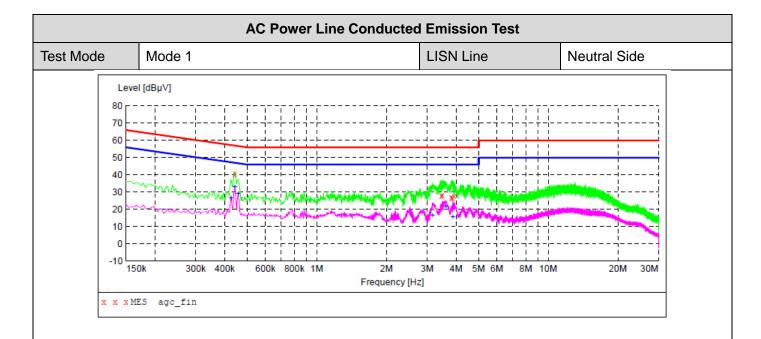
- 1. EUT and support equipment was set up on the test bench as per step 2 of the preliminary test.
- A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. If EUT emission level was less – 2dB to the A.V. limit in Peak mode, then the emission signal was re-checked using Q.P and Average detector.
- 3. The test data of the worst case condition(s) was reported on the Summary Data page.

12.5 Measurement Results









MEASUREMENT RESULT: "agc fin"

2023/10/20 14:51 Frequency Level Transd Limit Margin Detector Line MHz dBuV dB dBuV dB 0.442000 40.60 57 6.1 16.4 QP Ν 3.458000 27.90 6.3 56 28.1 QP Ν 6.3 6.3 6.3 6.3 28.40 3.494000 56 27.6 Ν QP 3.802000 27.00 56 29.0 QP Ν 3.850000 26.80 56 29.2 QP Ν 3.918000 27.70 56 28.3 QP Ν

MEASUREMENT RESULT: "agc fin2"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.426000	26.40	6.1	47	20.9	AV	N
0.442000	33.20	6.1	47	13.8	AV	N
0.458000	29.00	6.1	47	17.7	AV	N
3.162000	16.50	6.3	46	29.5	AV	N
3.606000	21.90	6.3	46	24.1	AV	Ν
3.870000	15.70	6.3	46	30.3	AV	Ν

RESULT: PASS ANY report naving not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Any report naving not been stamped by the "Dedicated Testing/Inspection" of AGC. The test results of the second is not parallely without the written authorization of AGC. The test results of the second is not parallely and the second Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

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Appendix I: Photographs of Test Setup Refer to the Report No.: AGC00408231006AP02 Appendix II: Photographs of Test EUT Refer to the Report No.: AGC00408231006AP05

-----End of Report-----



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