

Report No.: FG051232D



FCC RADIO TEST REPORT

FCC ID : IHDT56ZB2

Equipment: Mobile Cellular Phone

Brand Name : Motorola Model Name : XT2071-4

Applicant : Motorola Mobility, LLC

222 W Merchandise Mart Plaza, Suite 1800,

Chicago, IL 60654, United States

Manufacturer : Motorola Mobility, LLC

222 W Merchandise Mart Plaza, Suite 1800,

Chicago, IL 60654, United States

Standard : FCC 47 CFR Part 2, and 90(S)

The product was received on May 12, 2020 and testing was started from May 30, 2020 and completed on Jul. 26, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E and has been in 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. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Louis Wu

Louis Win

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

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History of this test report

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Report No.	Version	Description	Issued Date
FG051232D	01	Initial issue of report	Jul. 29, 2020

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Summary of Test Result

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Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046 §90.635	Conducted Output Power and Effective Radiated Power	Pass	-
3.3	-	Peak-to-Average Ratio	Reporting only	-
3.4	§2.1049 §90.209	I Occupied Bandwidth and 26dB Bandwidth T R		-
3.5	§2.1051 §90.691	Emission masks – In-band emissions	Pass	-
3.6	§2.1051 §90.691	Emission masks – Out of band emissions	Pass	-
3.7	§2.1055 §90.213	Frequency Stability for Temperature & Voltage	Pass	-
3.8	§2.1053 §90.691	Field Strength of Spurious Radiation	Pass	Under limit 45.13 dB at 3258.000 MHz for PT Antenna Under limit 37.04 dB at 2458.000 MHz for ASDIV Antenna

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Wii Chang
Report Producer: Yimin Ho

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1 General Description

1.1 Feature of Equipment Under Test

Product Feature									
Equipment	Mobile Cellular F	Phone							
Brand Name	Motorola								
Model Name	XT2071-4								
FCC ID	IHDT56ZB2								
	Conducted :	IMEI 1: 351648110010916							
IMEI Code	Conducted :	IMEI 2: 351648110010924							
INIEI Code	Radiation :	IMEI 1: 351648110008993							
	Radiation :	IMEI 2: 351648110009009							
	CDMA/EV-DO/G	SM/EGPRS/WCDMA/HSPA/LTE/5G NR/							
	GNSS/NFC								
EUT supports Radios application	WLAN 11a/b/g/n	HT20/HT40							
	WLAN 11ac VH	Γ20/VHT40/VHT80							
	Bluetooth BR/ED	DR/LE							
HW Version	DVT2								
EUT Stage	Identical Prototy	pe							

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Remark: The above EUT's information was declared by manufacturer.

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Accessory List Brand Name: Motorola Model Name: SC-51 AC Adapter 1 (US) Manufacturer: Chenyang Brand Name: Motorola Model Name: SC-52 AC Adapter 1 (EU) Manufacturer: Chenyang Brand Name: Motorola AC Adapter 1 (UK) Model Name: SC-53UK Manufacturer: Chenyang Brand Name: Motorola Model Name: SC-56 AC Adapter 1 (AR) Manufacturer: Chenyang Brand Name: Motorola Model Name: SC-55AU AC Adapter 1 (AU) Manufacturer: Chenyang Brand Name: Motorola AC Adapter 2 (US) Model Name: SC-51 Manufacturer: Acbel Brand Name: Motorola Model Name: SC-52 AC Adapter 2 (EU) Manufacturer: Acbel Brand Name: Motorola AC Adapter 2 (AR) Model Name: SC-56 Manufacturer: Acbel Brand Name: Motorola Model Name: SC-54 AC Adapter 3 (IN) Manufacturer: Salom Brand Name: Motorola Model Name: LS30 Battery 1 Manufacturer: ATL Brand Name: Motorola Model Name: LS40 Battery 2 Manufacturer: ATL Brand Name: Motorola SH38C37773 Standard 3.5mm Headset 1 Model Name: Manufacturer: Lianyun Brand Name: Motorola SH38C44959 Standard 3.5mm Headset 2 Model Name: Manufacturer: Lianyun Brand Name: Motorola USB-C to 3.5mm headset adaptor 1 SC18C27844 Model Name: Brand Name: Motorola USB-C to 3.5mm headset adaptor 2 Model Name: SC18C27845 Brand Name: Motorola **USB Cable 1** Model Name: SC18C24367 Manufacturer: Saibao Brand Name: Motorola USB Cable 2 Model Name: SC18C24368 Manufacturer: Luxshare

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1.2 Product Specification of Equipment Under Test

Product Specif	ication subjective to this standard
Tx Frequency	814.7 ~ 823.3 MHz
Rx Frequency	859.7 ~ 868.3 MHz
Bandwidth	1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz
	<pt antenna=""></pt>
Maximum Quitnut Power to Antonna	22.82 dBm
Maximum Output Fower to Antenna	<asdiv antenna=""></asdiv>
x Frequency andwidth aximum Output Power to Antenna ntenna Type ntenna Gain	21.91 dBm
Antenna Type	Fixed Internal Antenna
Antenna Gain	-4.7 dBi
Type of Modulation	QPSK / 16QAM / 64QAM

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1.3 Modification of EUT

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

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1.4 Testing Site

Test Site	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory			
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978			
Test Site No.	Sporton Site No.			
lest Site No.	TH05-HY			
Test Engineer	Benjamin Lin			
Temperature	22~24°ℂ			
Relative Humidity	50~55%			

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Note: The test site complies with ANSI C63.4 2014 requirement.

Test Site	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory			
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855			
Test Site No.	Sporton Site No.			
rest site No.	03CH11-HY			
Test Engineer	Cookie Ku, Fu Chen and Troye Hsieh			
Temperature	19.1~26.4℃			
Relative Humidity	50~69.1%			

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC Designation No.: TW1190 and TW0007

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1.5 Applied Standards

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

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- FCC 47 CFR Part 2, 90
- ANSI / TIA-603-E
- ANSI C63.26-2015
- FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- FCC KDB 414788 D01 Radiated Test Site v01r01
- Interim Guidance for Equipment Authorization of Devices with Channel Bandwidths Combined Across Two Contiguous Service Rule Allocations OET/Lab/EACB, June 6, 2013

Remark:

- All test items were verified and recorded according to the standards and without any deviation during the test.
- 2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.
- 3. The TAF code is not including all the FCC KDB listed without accreditation.

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2 Test Configuration of Equipment Under Test

2.1 Test Mode

During all testing, EUT is in link mode with base station emulator at maximum power level.

For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z and Accessory (Earphone or Adapter). The worst cases (Z plane for Open Mode and Y plane for Close Mode) were recorded in this report.

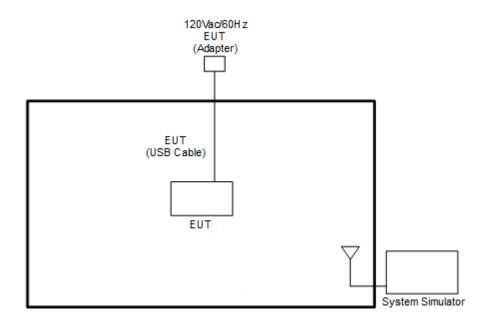
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Frequency range investigated for radiated emission is 30 MHz to 9000 MHz.

Conducted	David	Bandwidth (MHz)				Modulation			RB#			Test Channel				
Test Cases	Band	1.4	3	5	10	15	20	QPSK	16QAM	64QAM	1	Half	Full	L	М	Н
Max. Output Power	26	٧	v	v	v	v	-	v	v	v	٧	v	٧	V	٧	٧
Peak-to-Average Ratio	26					v	-	>	v	v	٧		v	V	>	v
26dB and 99% Bandwidth	26	v	v	v	v	v	-	>	v	v			v	V	>	v
Emission masks In-band emissions	26	٧	v	v	v	v	-	٧	v	v	>		v	V		v
Emission masks – Out of band emissions	26	v	v	v	v	v	-	٧	v	v	v			v	v	٧
Frequency Stability	26	-	-		v	v	-	v	v	v			v		v	
E.R.P.	26					v	-	>	v	v	٧			V	>	v
Radiated Spurious Emission 26 Worst Case							V	>	v							
Remark	2. Th 3. LT EI fre	ne marl E Ban RP ove equenc	k "-" me d26 tra er 15MF ey spec	eans th insmit t Hz ban trum w	nat this frequer dwidth rhich fa	bandw ncy for compli ills with	vidth is part22 ies the iin part	not suppo rule is 82 ERP limit 22 also c	24MHz-84 t line of pa complies.	ing 9MHz, for art22 rule, (US), US	there	efore E	ERP o	f the p		ЛHz.

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2.2 Connection Diagram of Test System



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2.3 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model No.	FCC ID	Data Cable	Power Cord	
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m	
2.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m	

2.4 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between RF conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level will be exactly the RF output level.

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

The following shows an offset computation example with RF cable loss 4.2 dB and a 10dB attenuator.

Example:

Offset(dB) = RF cable loss(dB) + attenuator factor(dB). = 4.2 + 10 = 14.2 (dB)

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2.5 Frequency List of Low/Middle/High Channels

	LTE Band 26 Channel and Frequency List										
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest							
15	Channel	26765	-	-							
15	Frequency	821.5	-	-							
40	Channel	- 26740		-							
10	Frequency	-	819	-							
5	Channel	26715	26740	26765							
5	Frequency	816.5	819	821.5							
2	Channel	26705	26740	26775							
3	Frequency	815.5	819	822.5							
1.4	Channel	26697	26740	26783							
1.4	Frequency	814.7	819	823.3							

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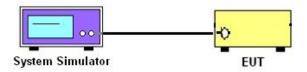
3 Conducted Test Items

3.1 Measuring Instruments

See list of measuring instruments of this test report.

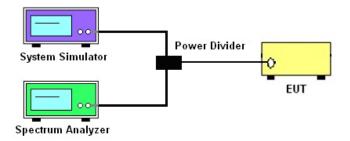
3.1.1 Test Setup

3.1.2 Conducted Output Power

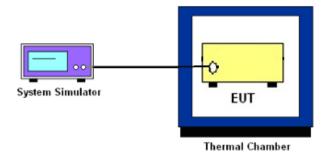


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3.1.3 Peak-to-Average Ratio, Occupied Bandwidth, Conducted Band-Edge, Emission Mask, Emissions Mask – Out Of Band Emissions, and Conducted Spurious Emission



3.1.4 Frequency Stability



3.1.5 Test Result of Conducted Test

Please refer to Appendix A.

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3.2 Conducted Output Power Measurement and ERP Measurement

3.2.1 Description of the Conducted Output Power Measurement and ERP Measurement

A system simulator was used to establish communication with the EUT. Its parameters were set to enforce EUT transmitting at the maximum power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

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The ERP of mobile transmitters must not exceed 7 Watts for LTE Band 26.

According to KDB 412172 D01 Power Approach,

 $EIRP = P_T + G_T - L_C$, where

 P_T = transmitter output power in dBm

 G_T = gain of the transmitting antenna in dBi

L_C = signal attenuation in the connecting cable between the transmitter and antenna in dB

3.2.2 Test Procedures

- 1. The transmitter output port was connected to the system simulator.
- 2. Set EUT at maximum power through system simulator.
- 3. Select lowest, middle, and highest channels for each band and different modulation.
- 4. Measure and record the power level from the system simulator.

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3.3 Peak-to-Average Ratio

3.3.1 Description of the PAR Measurement

Reporting only

3.3.2 Test Procedures

- 1. The EUT was connected to spectrum and system simulator via a power divider.
- 2. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.

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- 3. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
- 4. Record the deviation as Peak to Average Ratio.

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3.4 99% Occupied Bandwidth and 26dB Bandwidth Measurement

3.4.1 Description of (Occupied) Bandwidth Limitations Measurement

The 99% occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

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The emission bandwidth is defined as the width of the signal between two points, located at the 2 sides of the carrier frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

3.4.2 Test Procedures

- 1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
- 2. The 26dB and 99% occupied bandwidth (BW) of the middle channel for the highest RF power with full RB sizes were measured.

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3.5 Emissions Mask Measurement

3.5.1 Description of Emissions Mask Measurement

Equipment used in this licensed to EA or non-EA systems shall comply with the emission mask provisions of FCC Part 90.691.(a)

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- (a) Out-of-band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:
- (1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116 $\log_{10}(f/6.1)$ decibels or 50 + 10 $\log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.
- (2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \text{Log}_{10}$ (P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

3.5.2 Test Procedures

- 1. The EUT was connected to spectrum analyzer and base station via power divider.
- 2. The emissions mask of low and high channels for the highest RF powers were measured.
- 3. Set RBW and VBW 3 times of RBW to make the measurement with the spectrum analyzer's, and according to KDB 971168 D02 Misc Rev Approve License Devices v02r01 standards, set RBW = 300 Hz to make offsets less than 37.5 kHz from a channel edge, RBW = 100 kHz to make offsets greater than 37.5 kHz, that is allowed.
- 4. The test results were shown below plots with a correction offset factor including cable loss, insertion loss of power divider.

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3.6 Emissions Mask - Out Of Band Emissions Measurement

3.6.1 Description of Conducted Emissions Out of band emissions measurement

The power of any emission FCC Part 90.691 (a)(2) on any frequency removed from the assigned frequency by out of the authorized bandwidth at least 43 + 10 log (P) dB. It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

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3.6.2 Test Procedures

- 1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
- 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. The middle channel for the highest RF power within the transmitting frequency was measured.
- 4. The conducted spurious emission for the whole frequency range was taken.
- 5. For testing below 1GHz, make the measurement with the spectrum analyzer's RBW = 100 kHz, VBW = 3MHz, taking the record of maximum spurious emission.
- 6. For testing above 1GHz, make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
- The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
- 8. The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)

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3.7 Frequency Stability Measurement

3.7.1 Description of Frequency Stability Measurement

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

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3.7.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.7.3 Test Procedures for Temperature Variation

- 1. The EUT was set up in the thermal chamber and connected with the base station.
- 2. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized for three hours. Power was applied and the maximum change in frequency was recorded within one minute.
- 3. With power OFF, the temperature was raised in 10°C step up to 50°C. The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

3.7.4 Test Procedures for Voltage Variation

- 1. The EUT was placed in a temperature chamber at 20±5° C and connected with the base station.
- The power supply voltage to the EUT was varied from BEP to 115% of the nominal value measured at the input to the EUT.
- 3. The variation in frequency was measured for the worst case.

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3.8 Field Strength of Spurious Radiation Measurement

3.8.1 Description of Field Strength of Spurious Radiated Measurement

The radiated spurious emission was measured by substitution method according to ANSI / TIA-603-E. The power of any emission FCC Part 90.691 on any frequency removed from the assigned frequency by more than 250 percent of the authorized bandwidth at least 43 + 10 log (P) dB. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

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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+10log₁₀(P[Watts]) dB. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

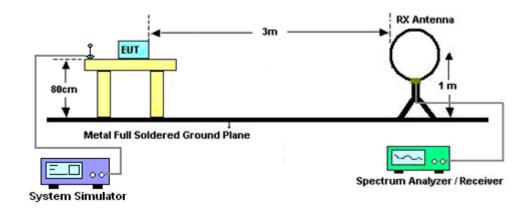
3.8.2 Test Procedures

- 1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
- 2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
- 3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
- 4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
- 5. For testing below 1GHz, make the measurement with the spectrum analyzer's RBW = 100 kHz, VBW = 3MHz, Sweep = 500ms, Taking the record of maximum spurious emission.
- 6. For testing above 1GHz, make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, Sweep = 500ms, Taking the record of maximum spurious emission.
- 7. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
- 8. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
- 9. Taking the record of output power at antenna port.
- 10. Repeat step 7 to step 8 for another polarization.
- 11. EIRP (dBm) = S.G. Power Tx Cable Loss + Tx Antenna Gain
- 12. ERP (dBm) = EIRP 2.15
- 13. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
- 14. The limit line is derived from 43 + 10log(P) dB below the transmitter power P(Watts)

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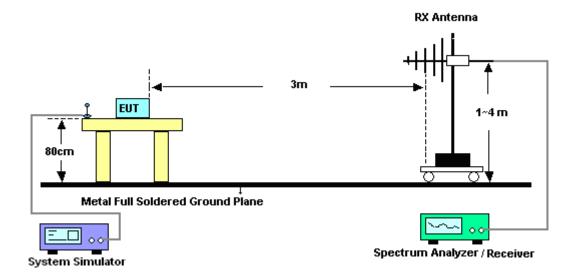
3.8.3 Test Setup

For radiated emissions below 30MHz



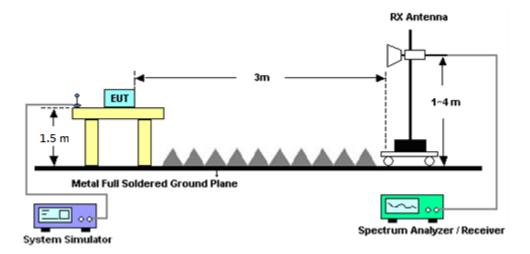
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For radiated test from 30MHz to 1GHz



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For radiated test above 1GHz



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3.8.4 Test Result of Field Strength of Spurious Radiated

Please refer to Appendix B.

Note:

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.

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

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4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Preamplifier	EMCE	EMC184045B	980192	18GHz ~ 40GHz	Aug. 01, 2019	May 30, 2020~ Jun. 23, 2020	Jul. 31, 2020	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 03, 2019	May 30, 2020~ Jun. 23, 2020	Dec. 02, 2020	Radiation (03CH11-HY)
Bilog Antenna	TESEQ	CBL 6111D & N-6-06	35414 & AT-N0602	30MHz~1GHz	Oct. 12, 2019	May 30, 2020~ Jun. 23, 2020	Oct. 11, 2020	Radiation (03CH11-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-132 6	1GHz ~ 18GHz	Nov. 04, 2019	May 30, 2020~ Jun. 23, 2020	Nov. 03, 2020	Radiation (03CH11-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Jan. 09, 2020	May 30, 2020~ Jun. 23, 2020	Jan. 08, 2021	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY532700 80	1GHz~26.5GHz	Nov. 13, 2019	May 30, 2020~ Jun. 23, 2020	Nov. 12, 2020	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY542004 86	10Hz ~ 44GHz	Oct. 28, 2019	May 30, 2020~ Jun. 23, 2020	Oct. 27, 2020	Radiation (03CH11-HY)
Filter	Wainwright	WLK4-1000-1 530-8000-40S S	SN11	1.53G Low Pass	Sep. 15, 2019	May 30, 2020~ Jun. 23, 2020	Sep. 14, 2020	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-270 0-3000-18000 -60SS	SN3	3GHz High Pass	Sep. 15, 2019	May 30, 2020~ Jun. 23, 2020	Sep. 14, 2020	Radiation (03CH11-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	May 30, 2020~ Jun. 23, 2020	N/A	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500- B	N/A	1~4m	N/A	May 30, 2020~ Jun. 23, 2020	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	May 30, 2020~ Jun. 23, 2020	N/A	Radiation (03CH11-HY)
EMI Test Receiver	Keysight	N9038A (MXE)	MY532900 45	20MHz~8.4GHz	Jan. 19, 2019	May 30, 2020~ Jun. 23, 2020	Jan. 18, 2020	Radiation (03CH11-HY)
Software	Audix	E3 6.2009-8-24	RK-00104 2	N/A	N/A	May 30, 2020~ Jun. 23, 2020	N/A	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTN-303B	TP161237	N/A	Oct. 25, 2019	May 30, 2020~ Jun. 23, 2020	Oct. 24, 2020	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4 PE	9kHz-30MHz	Mar. 12, 2020	May 30, 2020~ Jun. 23, 2020	Mar. 11, 2021	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2859/2	30MHz-40GHz	Mar. 12, 2020	May 30, 2020~ Jun. 23, 2020	Mar. 11, 2021	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4 PE	30M-18G	Mar. 12, 2020	May 30, 2020~ Jun. 23, 2020	Mar. 11, 2021	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY4274/2	30MHz-40GHz	Mar. 12, 2020	May 30, 2020~ Jun. 23, 2020	Mar. 11, 2021	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTN-303B	TP140325	N/A	Nov. 07, 2019	May 30, 2020~ Jun. 23, 2020	Nov. 06, 2020	Radiation (03CH11-HY)
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	Nov. 12, 2018	May 30, 2020~ Jun. 23, 2020	Nov. 11, 2020	Radiation (03CH11-HY)

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Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Base Station (Measure)	Anritsu	MT8821C	626202528 0	GSM / GPRS /WCDMA / LTE FDD/TDD with 44) /LTE-3CC DLCA,2CC ULCA	Oct. 25, 2019	May 30, 2020~ Jul. 26, 2020	Oct. 24, 2020	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101908	10Hz~40GHz	May 13, 2020	May 30, 2020~ Jul. 26, 2020	May 12, 2021	Conducted (TH05-HY)
Temperature Chamber	ESPEC	SH-641	92013720	-40°C ~90°C	Sep. 02, 2019	May 30, 2020~ Jul. 26, 2020	Sep. 01, 2020	Conducted (TH05-HY)
Programmable Power Supply	GW Instek	PSS-2005	EL890094	1V~20V 0.5A~5A	Oct. 09, 2019	May 30, 2020~ Jul. 26, 2020	Oct. 08, 2020	Conducted (TH05-HY)
Coupler	Warison	20dB 25W SM A Directional Coupler	#A	1-18GHz	Jan. 13, 2020	May 30, 2020~ Jul. 26, 2020	Jan. 12, 2021	Conducted (TH05-HY)

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5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of	3.09
Confidence of 95% (U = 2Uc(y))	3.09

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

Measuring Uncertainty for a Level of	3.44
Confidence of 95% (U = 2Uc(y))	3.44

<u>Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)</u>

Measuring Uncertainty for a Level of	3.95
Confidence of 95% (U = 2Uc(y))	3.93

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Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power)

<PT Antenna>

<pt ante<="" th=""><th></th><th>LTE</th><th>Band 26 Ma</th><th>ximum Average Po</th><th>wer [dBm]</th><th></th></pt>		LTE	Band 26 Ma	ximum Average Po	wer [dBm]	
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0		22.56	-	-
15	1	37		22.45	-	-
15	1	74		22.67	-	-
15	36	0	QPSK	21.86	-	-
15	36	20		21.82	-	-
15	36	39		21.68	-	-
15	75	0		21.66	-	-
15	1	0		21.71	-	-
15	1	37		21.95	-	-
15	1	74		21.75	-	-
15	36	0	16-QAM	20.58	-	-
15	36	20		20.55	-	-
15	36	39		20.89	-	-
15	75	0		20.82	-	-
15	1	0		20.96	-	-
15	1	37		20.88	-	-
15	1	74		20.76	-	-
15	36	0	64-QAM	19.74	-	-
15	36	20		19.89	-	-
15	36	39		19.81	-	-
15	75	0		19.76	-	-
10	1	0		-	22.52	-
10	1	25		-	22.72	-
10	1	49		-	22.61	-
10	25	0	QPSK	-	21.85	-
10	25	12		-	21.67	-
10	25	25		-	21.52	-
10	50	0		-	21.45	-
10	1	0		-	22.03	-
10	1	25		-	21.91	-
10	1	49		-	21.86	-
10	25	0	16-QAM	-	20.61	-
10	25	12		-	20.81	-
10	25	25		-	20.88	-
10	50	0		-	20.78	-
10	1	0		-	20.49	-
10	1	25		-	20.68	-
10	1	49		-	20.96	-
10	25	0	64-QAM	-	19.84	-
10	25	12		-	19.74	-
10	25	25		-	19.85	-
10	50	0		-	19.59	-



	LTE Band 26 Maximum Average Power [dBm]									
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest				
5	1	0		22.51	22.82	22.61				
5	1	12		22.47	22.72	22.64				
5	1	24		22.57	22.36	22.58				
5	12	0	QPSK	21.77	21.90	21.80				
5	12	7		21.77	21.41	21.56				
5	12	13		21.58	21.50	21.89				
5	25	0		21.78	21.60	21.72				
5	1	0		21.93	21.65	21.84				
5	1	12		21.75	21.78	21.97				
5	1	24		21.57	21.59	21.94				
5	12	0	16-QAM	20.71	20.70	20.55				
5	12	7		20.51	20.74	20.53				
5	12	13		20.69	20.80	20.77				
5	25	0		20.67	20.46	20.61				
5	1	0		20.76	20.52	20.77				
5	1	12		20.69	20.81	20.68				
5	1	24		20.93	20.91	20.85				
5	12	0	64-QAM	19.70	19.86	19.85				
5	12	7		19.52	19.51	19.45				
5	12	13		19.67	19.59	19.62				
5	25	0		19.45	19.73	19.61				
3	1	0		22.66	22.55	22.44				
3	1	8		22.32	22.68	22.58				
3	1	14		22.66	22.67	22.22				
3	8	0	QPSK	21.55	21.90	21.71				
3	8	4		21.61	21.43	21.68				
3	8	7		21.33	21.72	21.63				
3	15	0		21.57	21.67	21.55				
3	1	0		21.78	21.60	21.95				
3	1	8		21.94	21.83	21.84				
3	1	14		21.76	21.96	21.65				
3	8	0	16-QAM	20.43	20.49	20.75				
3	8	4		20.60	20.56	20.65				
3	8	7		20.60	20.69	20.82				
3	15	0		20.75	20.77	20.50				
3	1	0		20.77	20.73	20.96				
3	1	8		20.80	20.87	20.79				
3	1	14		20.91	20.90	20.59				
3	8	0	64-QAM	19.73	19.52	19.95				
3	8	4		19.80	19.60	19.48				
3	8	7		19.76	19.63	19.77				
3	15	0		19.63	19.68	19.69				



	LTE Band 26 Maximum Average Power [dBm]									
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest				
1.4	1	0		22.43	22.69	22.47				
1.4	1	3		22.61	22.58	22.57				
1.4	1	5		22.68	22.37	22.56				
1.4	3	0	QPSK	22.28	22.49	22.23				
1.4	3	1		22.26	22.37	22.48				
1.4	3	3		22.48	22.33	22.44				
1.4	6	0		22.04	22.11	22.15				
1.4	1	0		22.02	21.68	21.78				
1.4	1	3		21.76	21.77	21.88				
1.4	1	5		22.00	21.76	22.03				
1.4	3	0	16-QAM	21.43	21.85	21.57				
1.4	3	1		21.68	21.48	21.62				
1.4	3	3		21.59	21.68	21.73				
1.4	6	0		20.99	21.25	20.98				
1.4	1	0		20.85	20.56	20.80				
1.4	1	3		20.85	20.85	20.88				
1.4	1	5		20.74	20.57	20.92				
1.4	3	0	64-QAM	20.83	20.78	20.82				
1.4	3	1		20.69	20.73	20.93				
1.4	3	3		20.51	20.63	20.81				
1.4	6	0		19.86	20.00	19.92				



<ASDIV Antenna>

<a>ASDIV Antenna>									
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest			
15	1	0		21.73	-	-			
15	1	37		21.53	-	-			
15	1	74		21.70	-	-			
15	36	0	QPSK	20.79	-	-			
15	36	20		20.75	-	-			
15	36	39		20.65	-	-			
15	75	0		20.79	-	-			
15	1	0		21.13	-	-			
15	1	37		20.85	-	-			
15	1	74		21.06	-	-			
15	36	0	16-QAM	19.91	-	-			
15	36	20		19.75	-	-			
15	36	39		19.88	-	-			
15	75	0		19.74	-	-			
15	1	0		20.04	-	-			
15	1	37		19.94	-	-			
15	1	74		19.96	-	-			
15	36	0	64-QAM	19.00	-	-			
15	36	20		18.94	-	-			
15	36	39		18.87	-	-			
15	75	0		18.95	-	-			
10	1	0		-	21.90	-			
10	1	25		-	21.76	-			
10	1	49		-	21.48	-			
10	25	0	QPSK	-	20.88	-			
10	25	12		-	20.87	-			
10	25	25		-	20.73	-			
10	50	0		-	20.58	-			
10	1	0		-	20.86	-			
10	1	25		-	21.07	-			
10	1	49		-	20.98	-			
10	25	0	16-QAM	-	19.63	-			
10	25	12		-	19.64	-			
10	25	25		-	19.94	-			
10	50	0		-	19.82	-			
10	1	0		-	19.62	-			
10	1	25		-	19.75	-			
10	1	49		-	19.85	-			
10	25	0	64-QAM	-	18.63	-			
10	25	12		-	18.82	-			
10	25	25		-	18.89	-			
10	50	0		_	18.65	_			



	LTE Band 26 Maximum Average Power [dBm]									
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest				
5	1	0		21.74	21.55	21.71				
5	1	12		21.41	21.66	21.76				
5	1	24		21.52	21.57	21.57				
5	12	0	QPSK	20.78	20.69	20.68				
5	12	7		20.68	20.76	21.02				
5	12	13		20.76	20.90	20.89				
5	25	0		20.70	20.60	20.93				
5	1	0		20.95	20.98	21.08				
5	1	12		20.77	20.87	20.89				
5	1	24		20.91	21.05	21.00				
5	12	0	16-QAM	19.70	19.79	20.10				
5	12	7		19.58	19.95	19.89				
5	12	13		19.85	19.71	20.00				
5	25	0		19.93	19.62	19.61				
5	1	0		19.58	19.58	19.84				
5	1	12		19.94	20.05	20.02				
5	1	24		19.93	20.07	19.80				
5	12	0	64-QAM	18.81	18.79	18.78				
5	12	7		18.82	18.64	18.86				
5	12	13		19.06	18.95	19.10				
5	25	0		18.86	18.79	19.11				
3	1	0		21.73	21.69	21.66				
3	1	8		21.58	21.53	21.62				
3	1	14		21.75	21.54	21.44				
3	8	0	QPSK	20.66	20.58	21.00				
3	8	4		20.74	20.88	20.86				
3	8	7		20.86	20.81	20.73				
3	15	0		20.47	20.53	20.73				
3	1	0		20.86	21.13	20.98				
3	1	8		21.03	21.16	21.10				
3	1	14		21.10	20.97	21.09				
3	8	0	16-QAM	19.88	19.95	19.80				
3	8	4		19.85	19.61	19.60				
3	8	7		19.88	19.80	19.85				
3	15	0		19.91	19.83	19.80				
3	1	0		19.93	19.83	19.69				
3	1	8		19.59	19.77	19.82				
3	1	14		19.83	19.89	19.74				
3	8	0	64-QAM	18.75	18.76	18.66				
3	8	4		18.83	18.94	18.93				
3	8	7		19.01	19.09	19.01				
3	15	0		18.89	18.75	18.94				



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	LTE Band 26 Maximum Average Power [dBm]									
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest				
1.4	1	0		21.57	21.91	21.49				
1.4	1	3		21.31	21.49	21.60				
1.4	1	5		21.63	21.45	21.85				
1.4	3	0	QPSK	21.70	21.80	21.84				
1.4	3	1		21.58	21.59	21.79				
1.4	3	3		21.41	21.60	21.56				
1.4	6	0		20.79	20.88	20.81				
1.4	1	0		21.13	20.99	20.95				
1.4	1	3		20.85	20.97	20.91				
1.4	1	5		20.78	20.90	21.03				
1.4	3	0	16-QAM	21.13	20.94	21.15				
1.4	3	1		21.03	21.08	21.14				
1.4	3	3		20.94	20.83	20.73				
1.4	6	0		19.70	20.03	19.64				
1.4	1	0		19.69	19.83	20.14				
1.4	1	3		19.94	19.86	20.00				
1.4	1	5		19.95	19.81	19.60				
1.4	3	0	64-QAM	19.85	19.71	19.70				
1.4	3	1		19.73	19.73	19.97				
1.4	3	3		20.02	19.74	19.97				
1.4	6	0		18.93	18.82	18.94				



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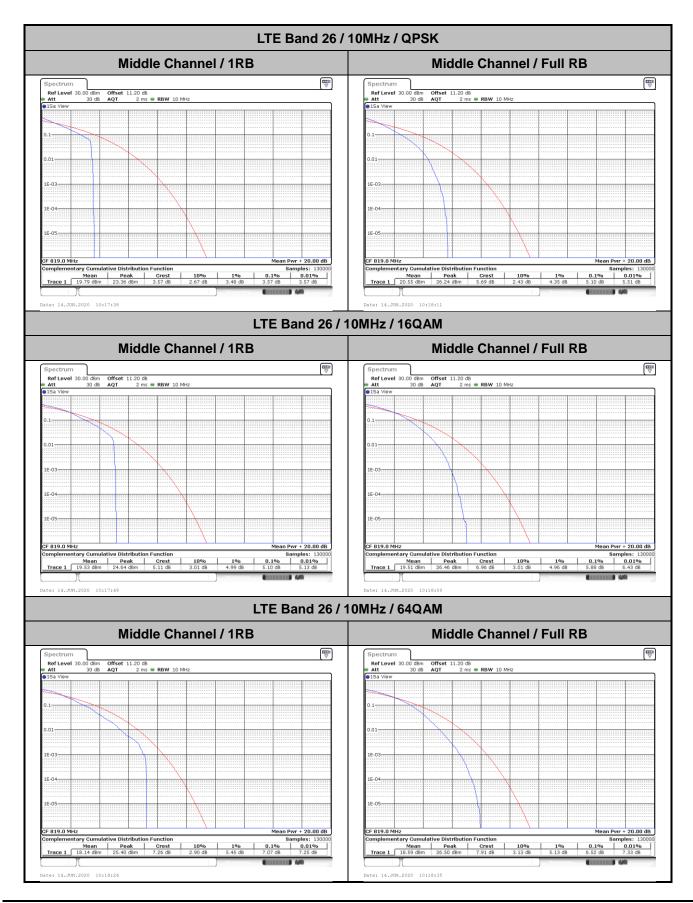
LTE Band 26

Peak-to-Average Ratio

Mode					
Mod.	QP	SK	160	QAM	Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	-	-	-	-	
Middle CH	3.57	5.10	5.10	5.88	PASS
Highest CH	-	-	-	-	
Mode		LTE Band	26 / 10MHz		
Mod.	64Q	AM			Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	-	-	-	-	
Middle CH	7.07	6.52	-	-	PASS
Highest CH	-	-	-	-	

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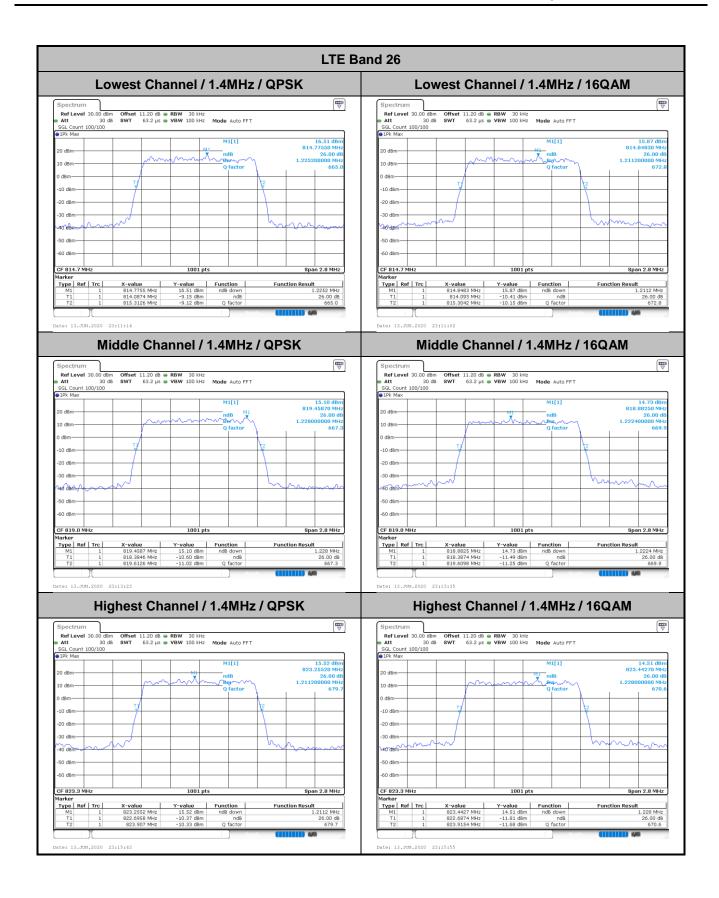
26dB Bandwidth

Mode		LTE Band 26 : 26dB BW(MHz)										
BW	1.4	ИHz	3M	lHz	5M	5MHz 1		10MHz		ИHz	20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.23	1.21	2.99	3.06	4.89	4.96	-	-	14.30	14.15	-	-
Middle CH	1.23	1.22	3.01	3.02	4.88	4.91	9.69	9.71	-	-	-	-
Highest CH	1.21	1.23	2.97	3.00	4.88	4.90	-	-	-	-	-	-
Mode					LTE Ba	and 26 :	26dB BV	V(MHz)				
BW	1.4	ИHz	3M	3MHz		5MHz		10MHz		ИHz	20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.22	-	3.03	-	4.92	-	-	-	14.30	-	-	-
Middle CH	1.22	-	3.05	-	4.90	-	9.85	-	-	-	-	-
Highest CH	1.23	-	3.00	-	4.80	-	-	-	-	-	-	-

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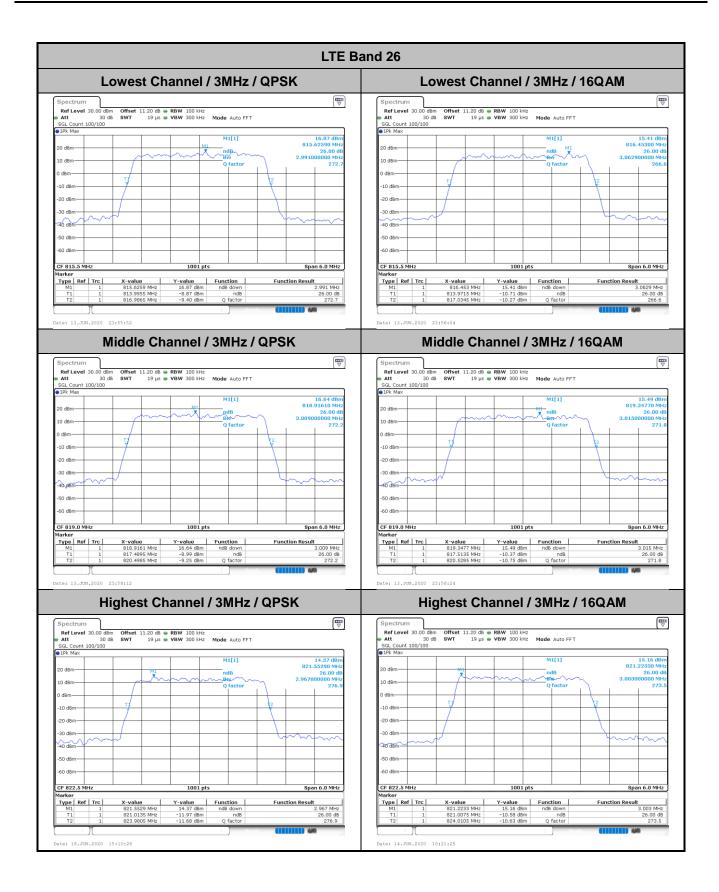
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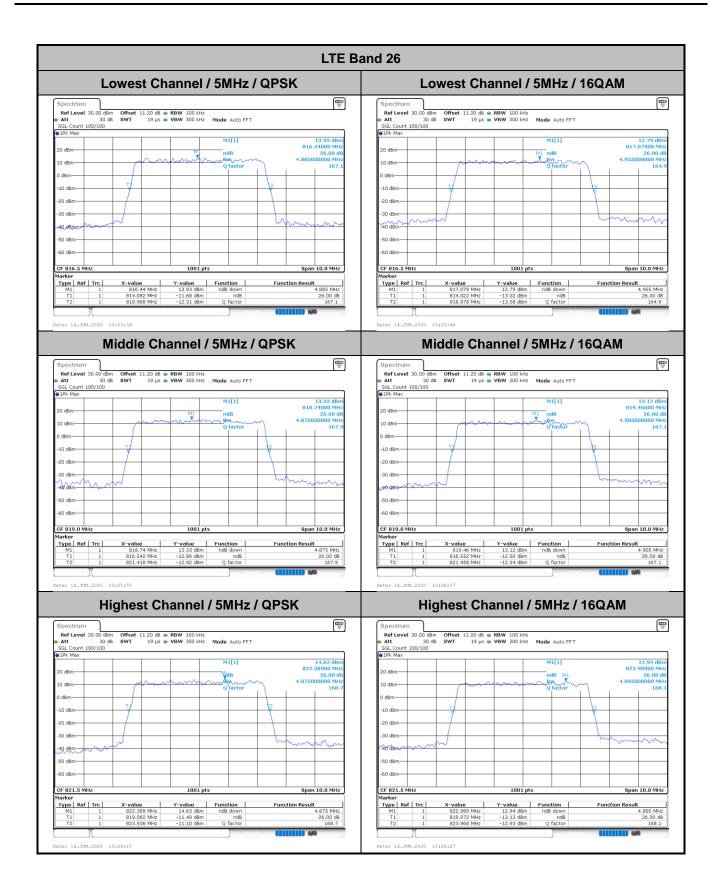




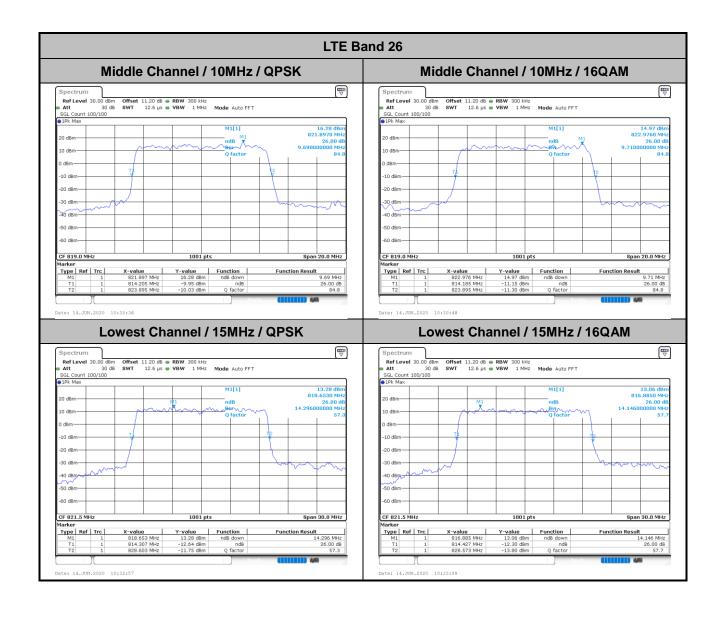
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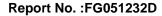
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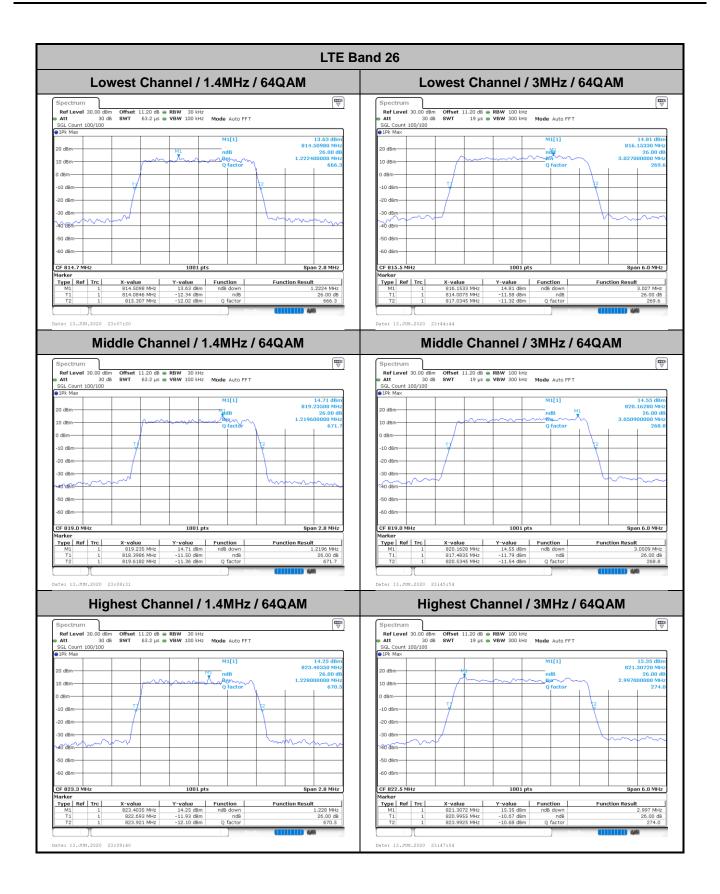


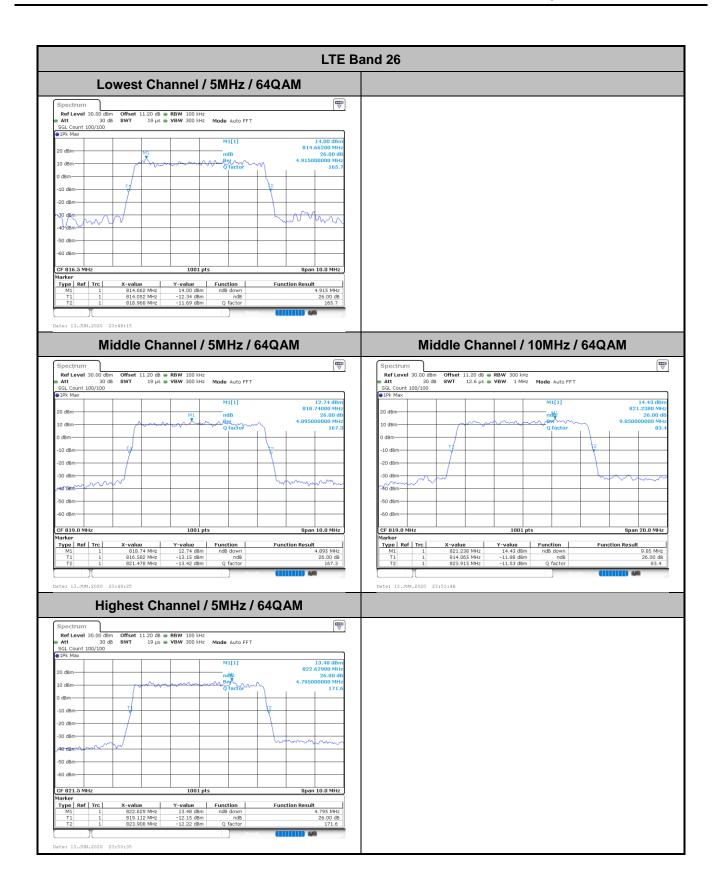
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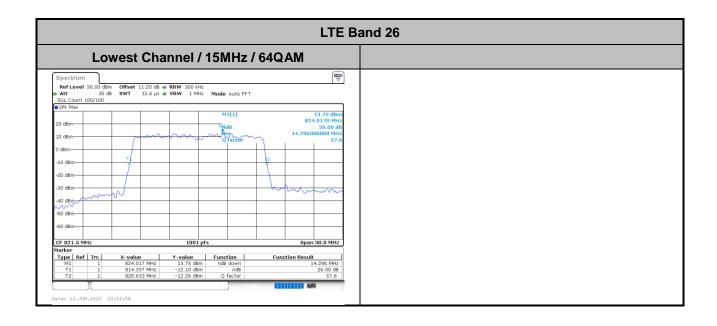






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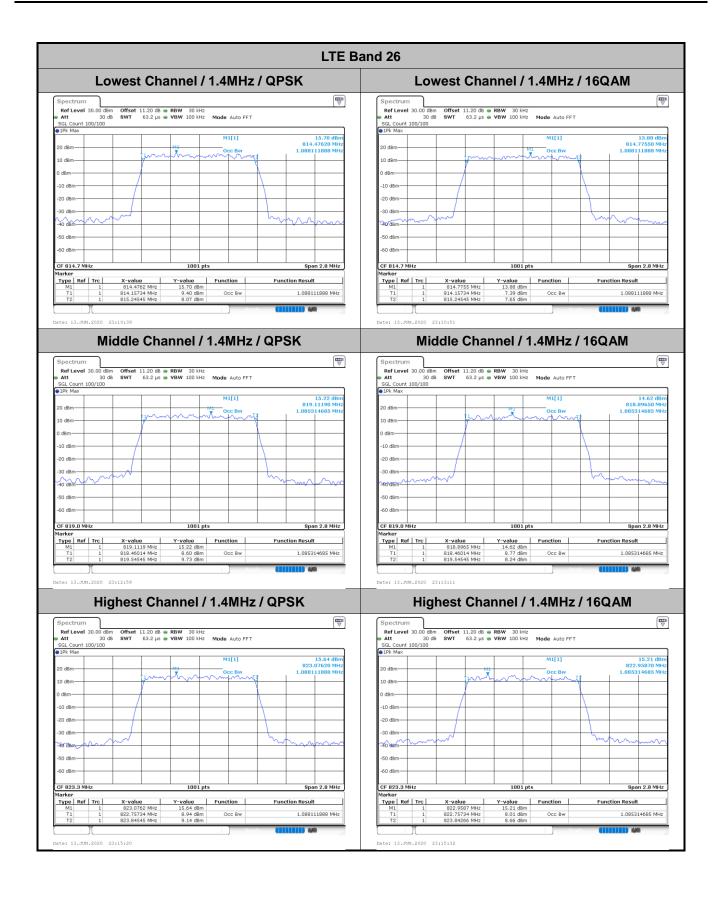
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Occupied Bandwidth

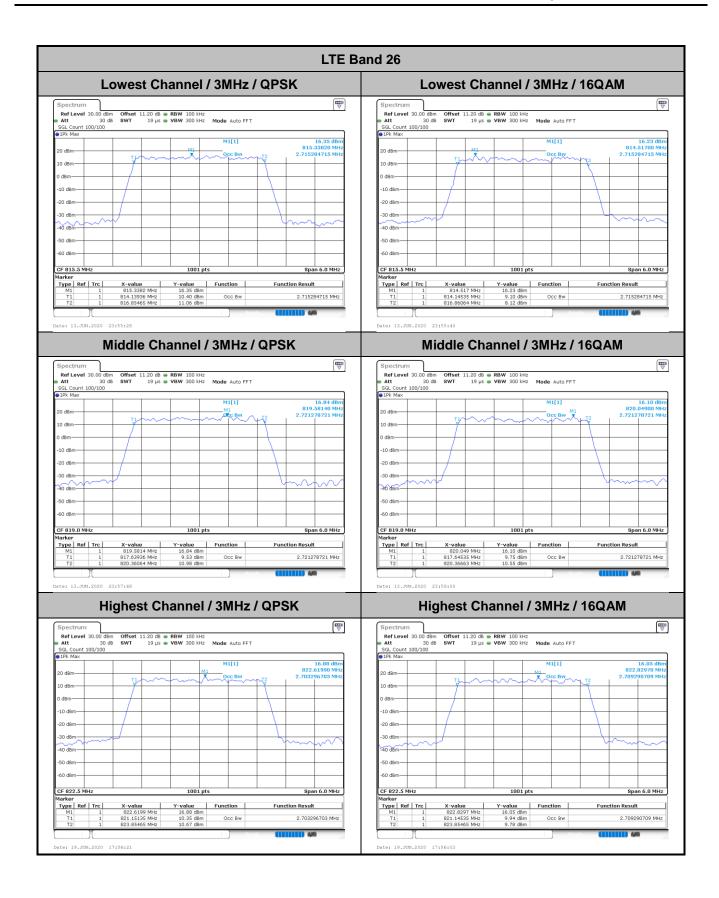
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.72	4.51	4.48	-	-	13.46	13.37	•	-
Middle CH	1.09	1.09	2.72	2.72	4.49	4.50	9.03	9.03	-	-	-	-
Highest CH	1.09	1.09	2.70	2.71	4.51	4.49	-	-	-	-	-	-
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09	-	2.73	-	4.50	-	-	-	13.46	-	-	-
Middle CH	1.10	-	2.73	-	4.49	-	8.99	-	-	-	-	-
Highest CH	1.09	-	2.72	-	4.49	-	-	-	-	-	-	-

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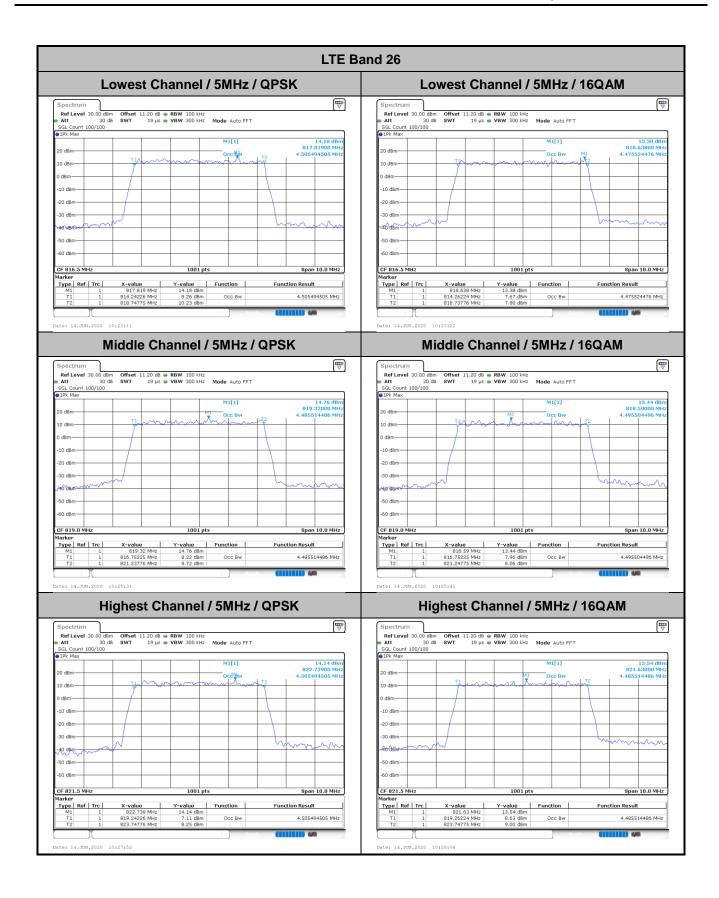
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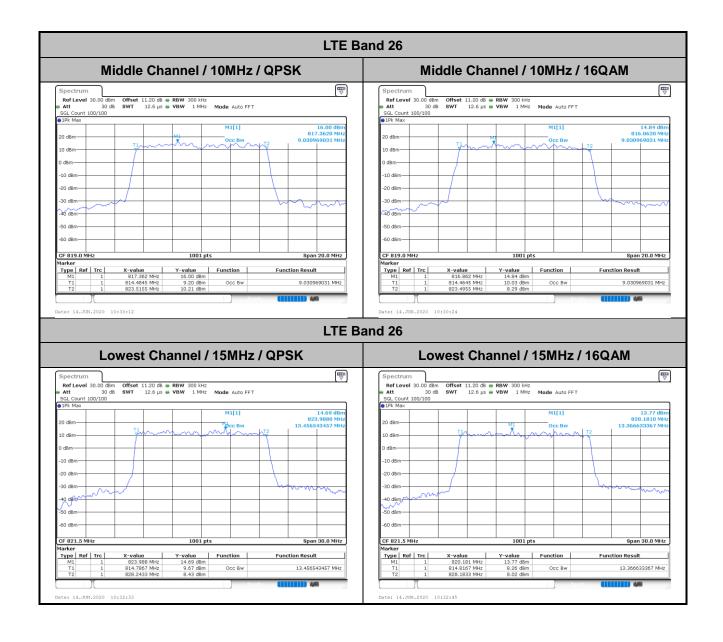
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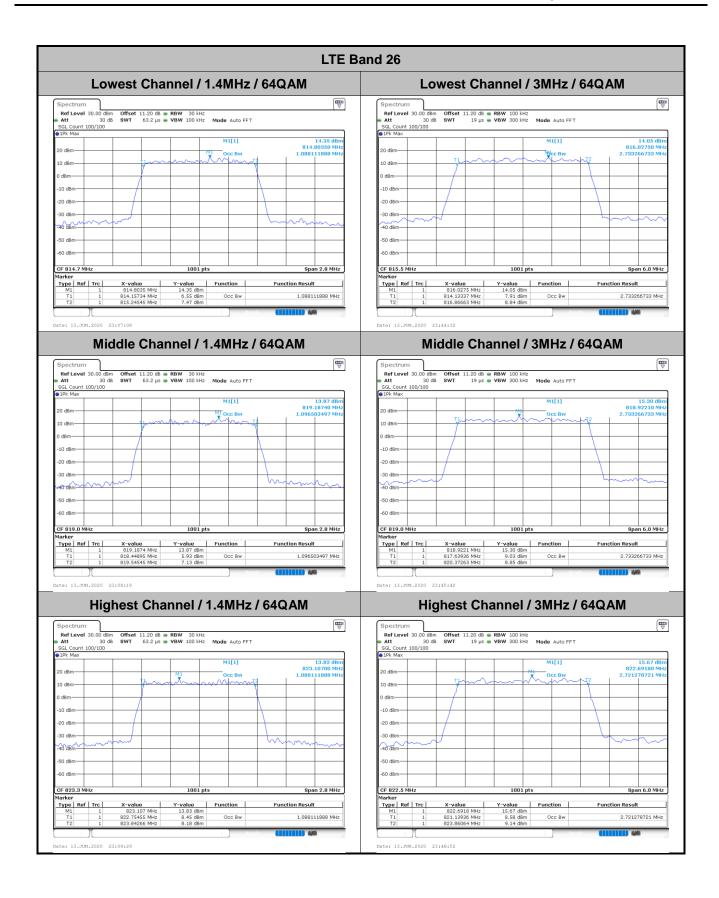
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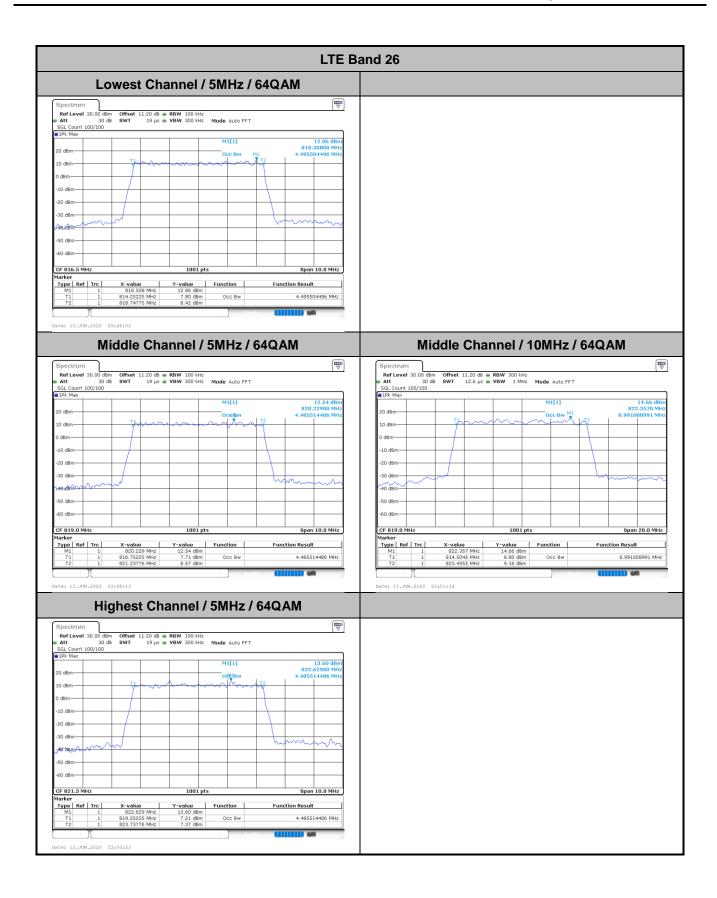
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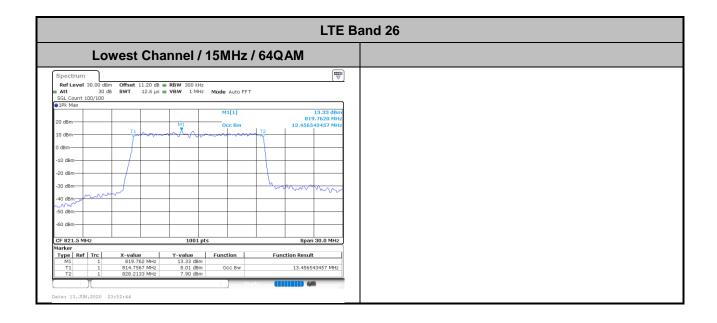


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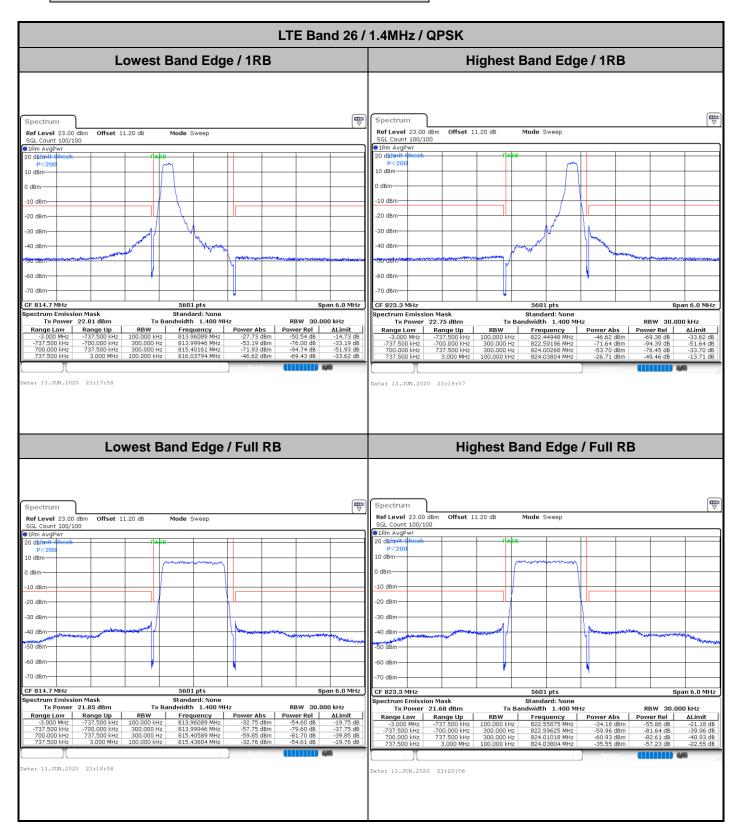
Report No. :FG051232D



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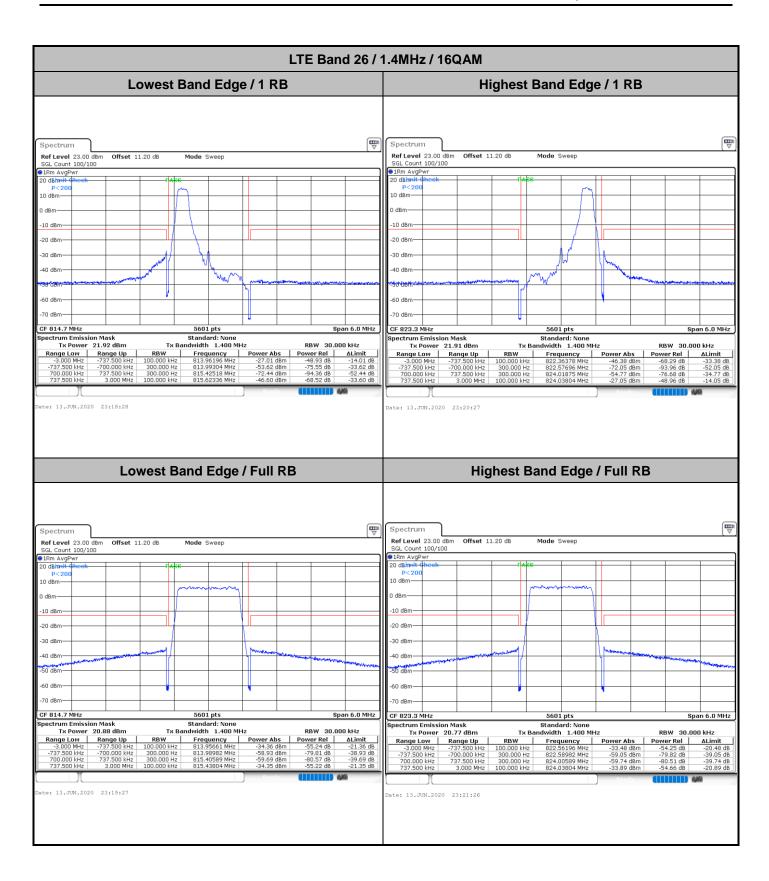
RT Report No. :FG051232D

Emission masks - In-band emissions



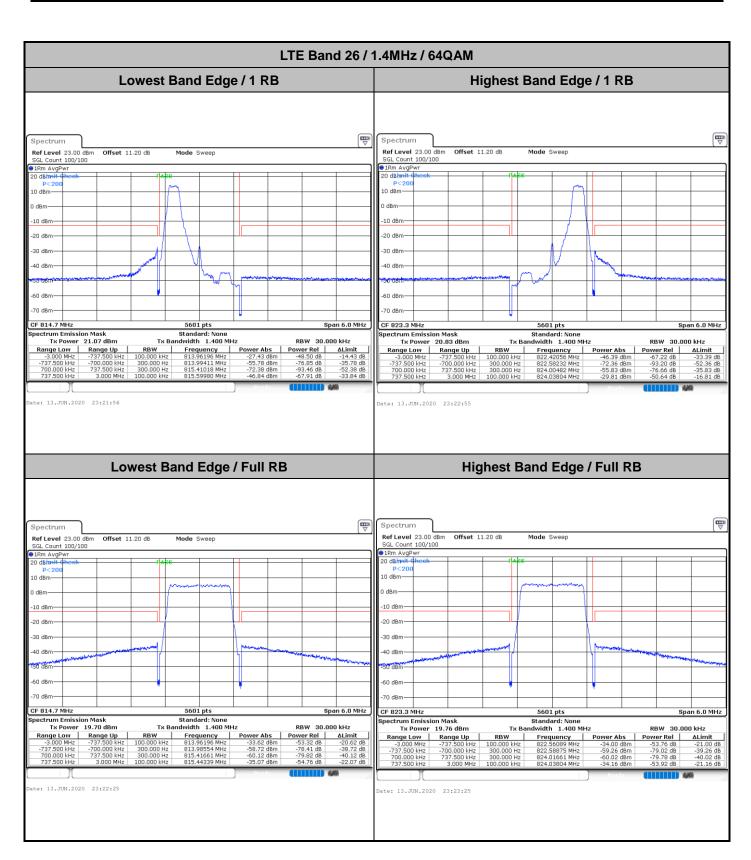
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Report No.: FG051232D

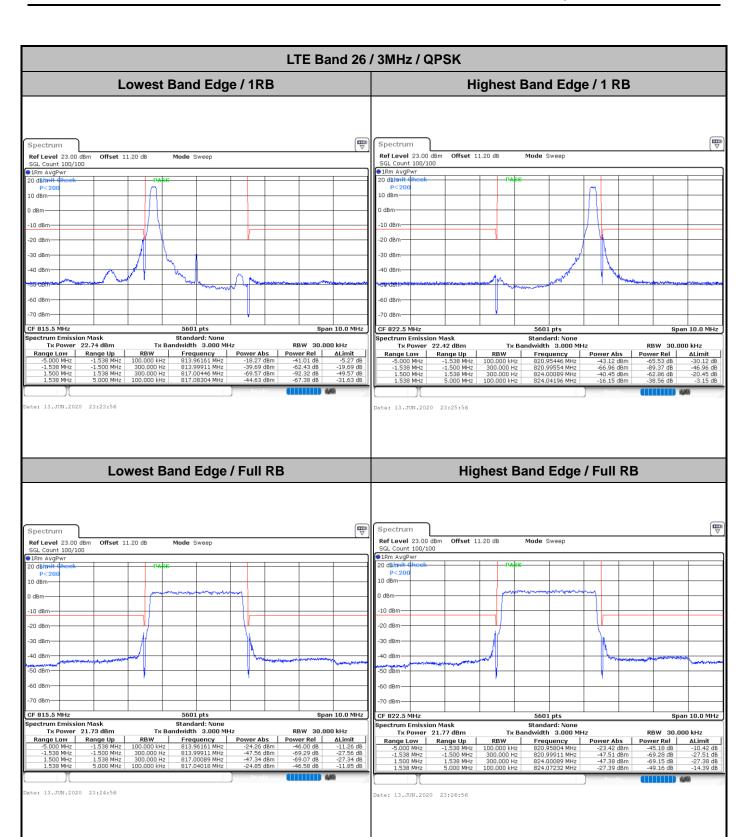
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FCC RADIO TEST REPORT



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FCC RADIO TEST REPORT

LTE Band 26 / 3MHz / 16QAM Lowest Band Edge / 1 RB Highest Band Edge /1 RB Spectrum Offset 11.20 dB Mode Sweep Ref Level 23.00 Offset 11.20 dB Mode Sweep Ref Level 23.00 dBm Count 100/100 AvgPv 10 dBm 5601 pts 5601 pts 10.0 MHz CF 822.5 MI Dectrum Emission Mask
Tx Power 21.96 dBm
Range Low Range Up
-5.000 MHz -1.538 MHz
-1.538 MHz -1.500 MHz
1.538 MHz 1.538 MHz
1.538 MHz 5.000 MHz | Spectrum Emission Mask | Tx Power | 21.53 dBm | Range Low | Range Up | -5.000 MHz | -1.538 MHz Standard: None Tx Bandwidth 3.000 MHz Standard: None ndwidth 3.000 MHz RBW 30.000 kHz
 Frequency
 Power Abs

 813,95268 MHz
 -17.79 dBm

 813,99911 MHz
 -40.90 dBm

 817.00268 MHz
 -71.14 dBm

 819,29911 MHz
 -46.56 dBm
 RBW 100.000 kHz 300.000 Hz 300.000 Hz 100.000 kHz
 Frequency
 Power Abs

 820.95268 MHz
 -44.09 dBm

 820.97589 MHz
 -69.30 dBm

 824.00268 MHz
 -41.81 dBm

 824.003839 MHz
 -19.42 dBm

 Power Rel
 ALimit

 -65.62 dB
 -31.09 dB

 -90.83 dB
 -49.30 dB

 -63.34 dB
 -21.81 dB

 -40.95 dB
 -6.42 dB
 ate: 13.JUN.2020 23:24:26 Date: 13.JUN.2020 23:26:26 Lowest Band Edge / Full RB **Highest Band Edge / Full RB** Spectrum Ref Level 23.00 dBm Offset 11.20 dB Ref Level 23.00 dBm Offset 11.20 dB SGL Count 100/100 Mode Sweep Mode Sweep SGL Count 100/100 1Rm AvgPwr Span 10.0 MHz CF 822.5 MHz 5601 pts ectrum Emission Mask Tx Power 20.83 dBm Standard: None Tx Bandwidth 3.000 MHz ectrum Emission Mask Standard: None Tx Bandwidth 3.000 MHz Tx Power 20.78 dBm

Range Low | Range Up

-5.000 MHz -1.538 Mi RBW 30.000 kHz ### Prequency | Power Abs | 13.94554 MHz | -27.39 dBm | 817.0099 MHz | -47.38 dBm | 817.04554 MHz | -27.06 dBm | -27.06 dBm | Range Up Frequency Power Abs te: 13.JUN.2020 23:25:26 Date: 13.JUN.2020 23:27:26

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FCC RADIO TEST REPORT

LTE Band 26 / 3MHz / 64QAM Lowest Band Edge / 1 RB Highest Band Edge /1 RB Spectrum Offset 11.20 dB Mode Sweep Ref Level 23.00 Offset 11.20 dB Mode Sweep Ref Level 23.00 dBm Count 100/100 AvgPv 10 dBm 5601 pts 5601 pts CF 822.5 MI Spectrum Emission Mask
Tx Power 20.73 dBm
Range Low Range Up
-5.000 MHz -1.538 MHz
-1.538 MHz -1.500 MHz
1.538 MHz 1.538 MHz
1.538 MHz 5.000 MHz Standard: None Tx Bandwidth 3.000 MHz Standard: None ndwidth 3.000 MHz RBW 30.000 kHz RBW 30.000 kHz | Range Low | Range Up | -5.000 MHz | -1.538 MHz | -1.500 MHz | 1.538 MHz | 1.538 MHz | 1.538 MHz | 5.000 MHz | 5.
 Frequency
 Power Abs

 813.96161 MHz
 -19.71 dBm

 813.99911 MHz
 -43.23 dBm

 817.00268 MHz
 -73.23 dBm

 818.00804 MHz
 -47.35 dBm
 RBW 100.000 kHz 300.000 Hz 300.000 Hz 100.000 kHz
 Frequency
 Power Abs

 820.92232 MHz
 -47.50 dBm

 820.99554 MHz
 -73.26 dBm

 824.00446 MHz
 -42.74 dBm

 824.03839 MHz
 -20.29 dBm

 Power Rel
 ΔLimit

 -68.23 dB
 -34.50 dB

 -93.99 dB
 -53.26 dB

 -63.47 dB
 -22.74 dB

 -41.02 dB
 -7.29 dB
 ate: 13.JUN.2020 23:37:52 Date: 13.JUN.2020 23:38:51 Lowest Band Edge / Full RB **Highest Band Edge / Full RB** Spectrum Ref Level 23.00 dBm Offset 11.20 dB SGL Count 100/100 Mode Sweep Ref Level 23.00 dBm Offset 11.20 dB Mode Sweep SGL Count 100/100 1Rm AvgPwr Span 10.0 MHz CF 822.5 MHz 5601 pts ectrum Emission Mask Tx Power 19.76 dBm Standard: None Tx Bandwidth 3.000 MHz ectrum Emission Mask Standard: None Tx Bandwidth 3.000 MHz Tx Power 19.77 dBm

Range Low Range Up

-5.000 MHz -1.538 MH RBW 30.000 kHz Frequency Power Abs
813.96161 MHz -27.69 dBm
813.99911 MHz -50.78 dBm
817.00268 MHz -47.80 dBm
817.04375 MHz -31.19 dBm Power Rel ALimit Range Up Frequency Power Abs te: 13.JUN.2020 23:38:21 Date: 13.JUN.2020 23:39:21

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SPORTON LAB. FCC RADIO TEST REPORT

LTE Band 26 / 5MHz / QPSK Lowest Band Edge / 1 RB Highest Band Edge / 1 RB Spectrum Offset 11.20 dB Mode Sweep Offset 11.20 dB Mode Sweep Ref Level 23.00 dBm Count 100/100 n AvgPwr 10 dBm 5601 pts 5601 pts Dectrum Emission Mask
Tx Power 22.43 dBm
Range Low Range Up
-7.500 MHz -2.538 MHz
-2.538 MHz -2.500 MHz
2.538 MHz -7.500 MHz
2.538 MHz -7.500 MHz Standard: None Tx Bandwidth 5.000 MHz Standard: None Tx Bandwidth 5.000 MHz RBW 50.000 kHz RBW 50.000 kHz
 Frequency
 Power Abs

 813,96116 MHz
 -23.39 dBm

 813,99866 MHz
 -45.30 dBm

 819,01473 MHz
 -73.22 dBm

 823,05278 MHz
 -46.67 dBm
 ate: 13.JUN.2020 23:27:56 Date: 13.JUN.2020 23:29:55 Lowest Band Edge / Full RB **Highest Band Edge / Full RB** Spectrum Ref Level 23.00 dBm Offset 11.20 dB **Ref Level** 23.00 dBm **Offset** 11.20 dB SGL Count 100/100 Mode Sweep Mode Sweep SGL Count 100/100 1Rm AvgPwr Span 15.0 MHz CF 821.5 MHz 5601 pts ectrum Emission Mask Tx Power 21.78 dBm Standard: None Tx Bandwidth 5.000 MHz Standard: None Tx Bandwidth 5.000 MHz Tx Power 21.74 dBm

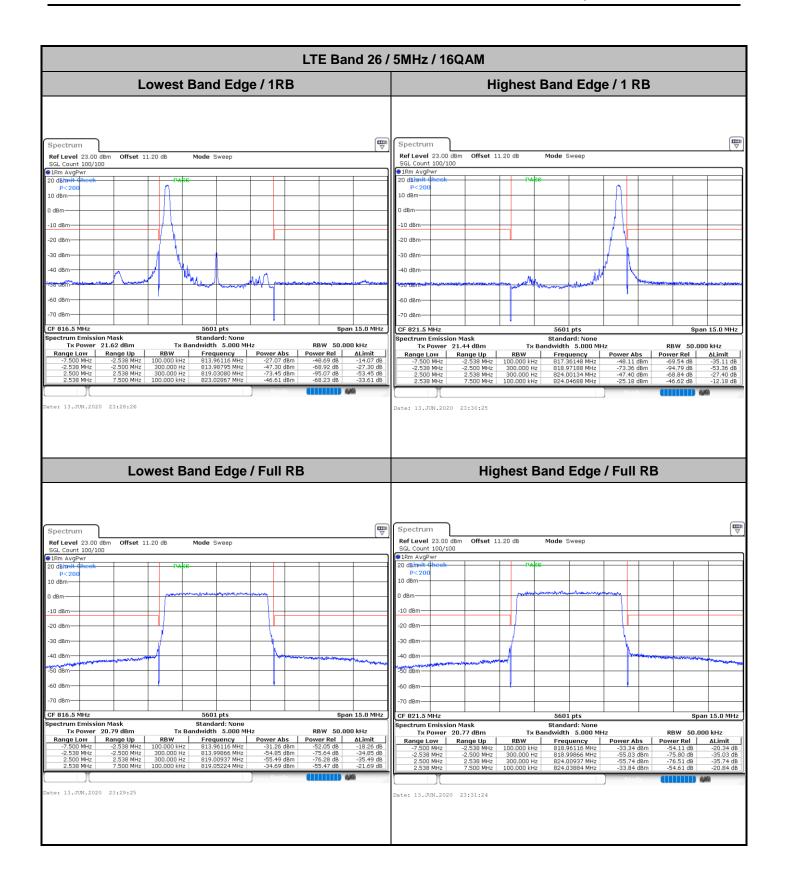
Range Low | Range Up

-7 500 MHz -2 538 Mi RBW 50.000 kHz Frequency Power Abs
813.96116 MHz -31.64 dBm
813.99866 MHz -54.93 dBm
819.01205 MHz -54.99 dBm
819.03884 MHz -31.16 dBm Range Up Frequency Power Abs te: 13.JUN.2020 23:28:55 Date: 13.JUN.2020 23:30:54

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