



FCC Radio Test Report

FCC ID : UZ7ET401EB
EQUIPMENT : Enterprise Tablet
BRAND NAME : Zebra
Model Name : ET401EB
APPLICANT : Zebra Technologies Corporation
3 Overlook Point, Lincolnshire, IL 60069 USA
MANUFACTURER : Zebra Technologies Corporation
3 Overlook Point, Lincolnshire, IL 60069 USA
STANDARD : FCC 47 CFR Part 25
CLASSIFICATION : Licensed Non-Broadcast Station Transmitter (TNB)
TEST DATE(S) : Sep. 27, 2025 ~ Dec. 10, 2025

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

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

Fly Liang

Approved by: Fly Liang



Sporton International Inc. (ShenZhen)

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People's Republic of China



TABLE OF CONTENTS

REVISION HISTORY.....	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Product Feature of Equipment Under Test	5
1.2 Product Specification of Equipment Under Test	6
1.3 Modification of EUT	6
1.4 Maximum EIRP and Emission Designator	6
1.5 Testing Location	7
1.6 Test Software	7
1.7 Applied Standards	7
2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST	8
2.1 Test Mode.....	8
2.2 Connection Diagram of Test System	8
2.3 Support Unit used in test configuration and system.....	8
2.4 Measurement Results Explanation Example	9
2.5 Frequency List of Low/Middle/High Channels.....	9
3 CONDUCTED TEST ITEMS	10
3.1 Measuring Instruments.....	10
3.2 Test Setup	10
3.3 Test Result of Conducted Test.....	10
3.4 RF Output Power and EIRP	11
3.5 Peak-to-Average Ratio	12
3.6 Occupied Bandwidth	13
3.7 6dB Bandwidth	14
3.8 Maximum Power Spectral Density	15
3.9 Conducted Band Edge and Spurious Emission	16
3.10 Frequency Stability	18
3.11 Radiated Spurious Emission	19
3.12 Radiated carrier-off state emissions.....	22
4 LIST OF MEASURING EQUIPMENT	23
5 MEASUREMENT UNCERTAINTY	24
APPENDIX A. TEST RESULTS OF CONDUCTED TEST	
APPENDIX B. TEST RESULTS OF RADIATED TEST	
APPENDIX C. TEST SETUP PHOTOGRAPHS	



REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG591015U	Rev. 01	Initial issue of report	Dec. 31, 2025

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Result	Remark
3.4	§25.149 (c)(4)(iii)	RF Conducted Output Power	PASS	-
	§25.149 (c)(4)(iii)	Equivalent Isotropic Radiated	PASS	-
3.5	-	Peak-to-Average Ratio	PASS	
3.6	§2.1049	Occupied Bandwidth	PASS	-
3.7	§25.149 (c)(4) (ii)	6 dB Bandwidth	PASS	-
3.8	§25.149 (c)(4)(iv)	Maximum Power Spectral Density	PASS	-
3.9	§2.1051, §25.149 (c)(4)(v), (vi)	Conducted Band Edge and Spurious Emission	PASS	-
3.10	§25.202 (d)	Frequency Stability	PASS	-
3.11	§2.1053, §25.149 (c)(4)(v), (vi)	Radiated Spurious Emission	PASS	Under limit 27.29 dB at 7454.000 MHz
3.12	§25.216 (i)	Carrier-Off-State Emissions Radiation	PASS	-

Conformity Assessment Condition:

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

Disclaimer:

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



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Enterprise Tablet
Brand Name	Zebra
Model Name	ET401EB
FCC ID	UZ7ET401EB
IMEI Code	Conducted: 356424630002295 356424630002303 Radiation: 356424630012724/356424630012740 for Sample 1 356424630014761/356424630014779 for Sample 2
HW Version	EV2
SW Version	qssi_64-userdebug 15 15-11-10.00-VG-U00-PRD-ERS-04 777 release-keys
MFD	13SEP2025
EUT Stage	Identical Prototype

Remark:

1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.
2. There are two types of EUT: Sample 1 without Scanner and Sample 2 with Scanner. According to the difference, we evaluated Sample 1 to perform full test and Sample 2 is verified the worse cases of Sample 1 for RSE test.

Specification of Accessory				
Battery	Brand Name	Zebra	Model	BT-000528

Supported Unit used in test configuration and system				
AC Adapter 1 (TYPE C Wall Charger 1)	Brand Name	Zebra	Part Number	PWR-WUA5V45W1US
Earphone 1 (Wired headset USB-C)	Brand Name	Zebra	Part Number	HDST-USBC-PTT 1-01
Earphone 2 (Rugged Bluetooth Headset)	Brand Name	Zebra	Part Number	HS3100-0TH
Earphone 3 (3.5mm PTT Headset)	Brand Name	Zebra	Part Number	HDST-35MM-PTT 1-02
Earphone 4 (Rugged Headset)	Brand Name	Zebra	Part Number	HS2100-0TH
Type C-Audio Cable (Type C to 3.5mm)	Brand Name	Zebra	Part Number	ADP-USBC-35MM1-01
3.5mm to 3.5mm audio connector	Brand Name	Zebra	Part Number	CBL-HS2100-3MS1-01
USB Cable 1 (USB-C to C Cable)	Brand Name	Zebra	Part Number	CBL-EC5X-USBC3A-01
USB Cable 3 (USB-C to C Cable)	Brand Name	Zebra	Part Number	CBL-TN28-USBC2C-01

1.2 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Frequency	LTE Band 53 : 2483.5 MHz ~ 2495 MHz 5G NR n53 : 2483.5 MHz ~ 2495 MHz
Bandwidth	Band 53 : 1.4MHz / 3MHz / 5MHz / 10MHz 5G NR n53: 10MHz
Maximum Output Power to Antenna	<Ant.8>: Band 53 : 24.48 dBm 5G NR n53 : 24.17 dBm
Antenna Type	IFA Antenna
Antenna Gain	<Ant.8>: Band 53 : -2.01 dBi 5G NR n53: -2.01 dBi
Type of Modulation	LTE: QPSK / 16QAM / 64QAM / 256QAM CP-OFDM: QPSK / 16QAM / 64QAM / 256QAM DFT-s-OFDM: PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM

Remark: 5G NR n53 support SA mode only.

1.3 Modification of EUT

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

1.4 Maximum EIRP and Emission Designator

LTE Band 53		QPSK		16QAM/64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
1.4	2484.2 ~ 2494.3	0.1706	1M10G7D	0.1400	1M11W7D
3	2485.0 ~ 2493.5	0.1726	2M75G7D	0.1393	2M76W7D
5	2486.0 ~ 2492.5	0.1738	4M49G7D	0.1393	4M48W7D
10	2488.5 ~ 2490.0	0.1766	9M01G7D	0.1432	9M09W7D
5G NR n53		PI/2 BPSK / QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
10	2488.5 ~ 2490	0.1644	8M67G7D	0.1315	8M61W7D

Note: All modulations have been tested, and only the worst test results are shown in the report.

1.5 Testing Location

Sporton International Inc. (ShenZhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

Test Firm	Sporton International Inc. (ShenZhen)		
Test Site Location	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City, Guangdong Province 518103 People's Republic of China TEL: +86-755-86066985		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	TH01-SZ 03CH02-SZ	CN1256	421272

1.6 Test Software

Item	Site	Manufacture	Name	Version
1.	03CH02-SZ	AUDIX	E3	6.2009-8-24a

1.7 Applied Standards

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

- ♦ FCC CFR 47 Part 25
- ♦ ANSI C63.26-2015
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 971168 D02 Misc Rev Approv License Devices v02r02
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01

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

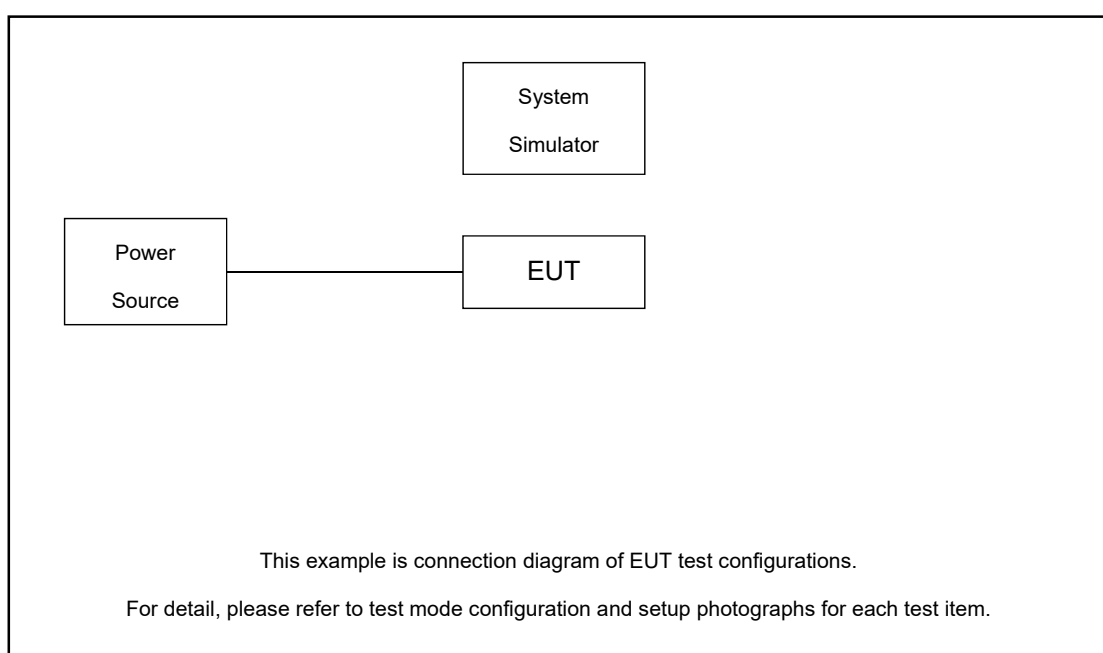
2 Test Configuration of Equipment Under Test

2.1 Test Mode

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

Radiated measurements are performed by rotating the EUT in three different orthogonal test planes to find the maximum emission. (Z/X-Plane)

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

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

2.4 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 EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example :

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

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 5.0 dB and 10dB attenuator.

$$\begin{aligned} \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)} \\ &= 5.0 + 10 = 15.0 \text{ (dB)} \end{aligned}$$

2.5 Frequency List of Low/Middle/High Channels

LTE Band 53 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	60190	60197.5	60205
	Frequency	2488.5	2489.25	2490
5	Channel	60165	60197.5	60230
	Frequency	2486	2489.25	2492.5
3	Channel	60155	60197.5	60240
	Frequency	2485	2489.25	2493.5
1.4	Channel	60147	60197.5	60248
	Frequency	2484.2	2489.25	2494.3

5G NR n53 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	497700	497850	498000
	Frequency	2488.5	2489.25	2490

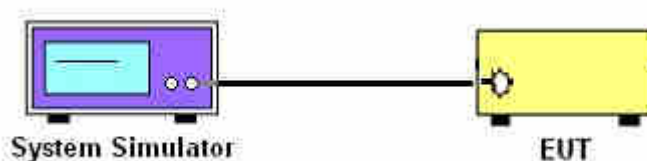
3 Conducted Test Items

3.1 Measuring Instruments

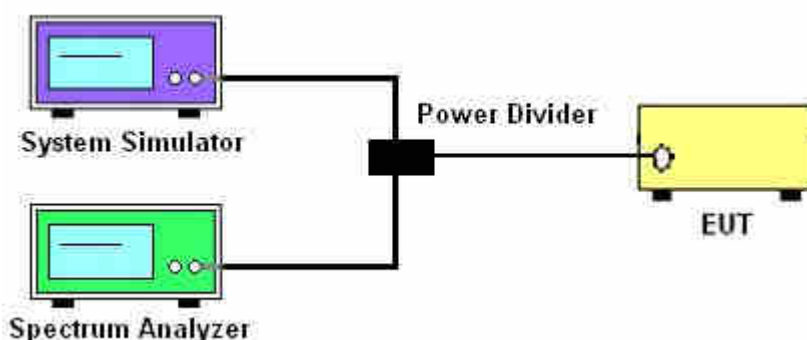
See list of measuring instruments of this test report.

3.2 Test Setup

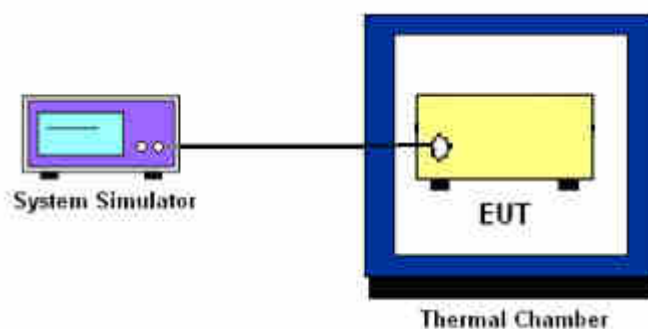
3.2.1 Conducted Output Power



3.2.2 Peak-to-Average Ratio, 26dB/6dB Bandwidth, Occupied Bandwidth, Power Spectral Density, Conducted Band-Edge and Conducted Spurious Emission



3.2.3 Frequency Stability



3.3 Test Result of Conducted Test

Please refer to Appendix A.

3.4 RF Output Power and EIRP

3.4.1 Description of the Conducted Output Power and EIRP Measurement

FCC Part 25.149 (c)(4)(iii): The maximum transmit power is no more than 1 W (30dBm) with a peak EIRP of no more than 6 dBW (36dBm or 3.98W).

3.4.2 Test Procedures

1. The transmitter output port was connected to the system simulator.
2. Set EUT at maximum power through the 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.

According to KDB 412172 D01 Power Approach,

$EIRP = PT + GT - LC$, $ERP = EIRP - 2.15$, where

PT = transmitter output power in dBm

GT = gain of the transmitting antenna in dBi

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

3.5 Peak-to-Average Ratio

3.5.1 Description of the PAR Measurement

Power Complementary Cumulative Distribution Function (CCDF) curves provide a means for characterizing the power peaks of a digitally modulated signal on a statistical basis. A CCDF curve depicts the probability of the peak signal amplitude exceeding the average power level. Most contemporary measurement instrumentation include the capability to produce CCDF curves for an input signal provided that the instrument's resolution bandwidth can be set wide enough to accommodate the entire input signal bandwidth. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

3.5.2 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.
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.



3.6 Occupied Bandwidth

3.6.1 Description of Occupied Bandwidth Measurement

26dB and 99% Occupied bandwidth are reporting only.

3.6.2 Test Procedures

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency.
3. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
4. Set the detection mode to peak, and the trace mode to max hold.
5. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace.
(this is the reference value)
6. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.



3.7 6dB Bandwidth

3.7.1 Description of 6dB Bandwidth Measurement

FCC Part 25.149 (c)(4)(ii): The 6 dB bandwidth is at least 500 kHz.

3.7.2 Test Procedures

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency.
3. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of EBW, and the VBW shall be at least 3 times the RBW.
4. Set the detection mode to peak, and the trace mode to max hold.



3.8 Maximum Power Spectral Density

3.8.1 Description of the Maximum Power Spectral Density Measurement

FCC Part 25.149 (c)(4)(iv): The maximum power spectral density conducted to the antenna is not greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission;

3.8.2 Test Procedures

The EUT was connected to spectrum analyzer and system simulator via a power divider.

The PSD was measured with the spectrum analyzer at the low/ middle /high channel in each band where RBW = 3kHz, VBW = 10kHz, detector= RMS (power averaging), Sweep time = auto couple, Trace mode = max hold.

3.9 Conducted Band Edge and Spurious Emission

3.9.1 Description of Conducted Band Edge and Spurious Emission Measurement

FCC Part 25.149 (c)(4):

Applications for equipment authorization of terrestrial low-power system equipment that will operate in the 2483.5-2495 MHz band shall demonstrate the following:

- (v) Emissions below 2483.5 MHz are attenuated below the transmitter power (P) measured in watts by a factor of at least $40 + 10 \log (P)$ dB at the channel edge at 2483.5 MHz, $43 + 10 \log (P)$ dB at 5 MHz from the channel edge, and $55 + 10 \log (P)$ dB at X MHz from the channel edge where X is the greater of 6 MHz or the actual emission bandwidth.
- (vi) Emissions above 2495 MHz are attenuated below the transmitter power (P) measured in watts by a factor of at least $43 + 10 \log (P)$ dB on all frequencies between the channel edge at 2495 MHz and X MHz from this channel edge and $55 + 10 \log (P)$ dB on all frequencies more than X MHz from this channel edge, where X is the greater of 6 MHz or the actual emission bandwidth.
- (vii) Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1 MHz bands immediately above and adjacent to the 2495 MHz a resolution bandwidth of at least 1 percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. If 1 percent of the emission bandwidth of the fundamental emission is less than 1 MHz, the power measured must be integrated over the required measurement bandwidth of 1 MHz. A resolution bandwidth narrower than 1 MHz is permitted to improve measurement accuracy, provided the measured power is integrated over the full required measurement bandwidth (i.e., 1 MHz). The emission bandwidth of the fundamental emission of a transmitter is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power. When an emission outside of the authorized bandwidth causes harmful interference, the Commission may, at its discretion, require greater attenuation than specified in this section.

3.9.2 Test Procedures

The EUT was connected to spectrum analyzer and system simulator via a power divider. Test Set and configured to operate at maximum power.

For Conducted Band Edge

The band edge emissions were measured at the required operating frequencies in each band on the Spectrum Analyzer.

1. Set the spectrum analyzer span to include the block edge frequency.
2. Set the Spectrum Emission Mask to cover all frequencies at their respective limits
3. Set the Spectrum Emission Mask to use the required Measurement Bandwidth
4. Set resolution bandwidth to at least 1% of emission bandwidth.

For Conducted Spurious Emission

1. The Low/middle/High channel for the highest RF power within the transmitting frequency was measured.
2. The conducted spurious emission for the whole frequency range was taken.
3. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
4. Set spectrum analyzer with RMS detector.
5. Taking the record of maximum spurious emission.

3.10 Frequency Stability

3.10.1 Description of the Frequency Stability Measurement

The carrier frequency shall be maintained within the reference frequency.

3.10.2 Test Procedures for Temperature Variation

1. The testing follows ANSI C63.26 section 5.6.4
2. The EUT was set up in the thermal chamber and connected with the system simulator.
3. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
4. With power OFF, the temperature was raised in 10°C steps 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.

3.10.3 Test Procedures for Voltage Variation

1. The testing follows ANSI C63.26 section 5.6.5
2. The EUT was placed in a temperature chamber at 20±5° C and connected with the system simulator.
3. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value for other than hand carried battery equipment.
4. The power supply voltage to the EUT was varied from the lowermost voltage to the uppermost voltage. The range is specified by manufacturer.
5. The variation in frequency was measured for the worst case.

3.11 Radiated Spurious Emission

3.11.1 Description of Radiated Spurious Emission

FCC Part 25.149 (c)(4):

Applications for equipment authorization of terrestrial low-power system equipment that will operate in the 2483.5-2495 MHz band shall demonstrate the following:

(v) Emissions below 2483.5 MHz are attenuated below the transmitter power (P) measured in watts by a factor of at least $40 + 10 \log (P)$ dB at the channel edge at 2483.5 MHz, $43 + 10 \log (P)$ dB at 5 MHz from the channel edge, and $55 + 10 \log (P)$ dB at X MHz from the channel edge where X is the greater of 6 MHz or the actual emission bandwidth.

(vi) Emissions above 2495 MHz are attenuated below the transmitter power (P) measured in watts by a factor of at least $43 + 10 \log (P)$ dB on all frequencies between the channel edge at 2495 MHz and X MHz from this channel edge and $55 + 10 \log (P)$ dB on all frequencies more than X MHz from this channel edge, where X is the greater of 6 MHz or the actual emission bandwidth.

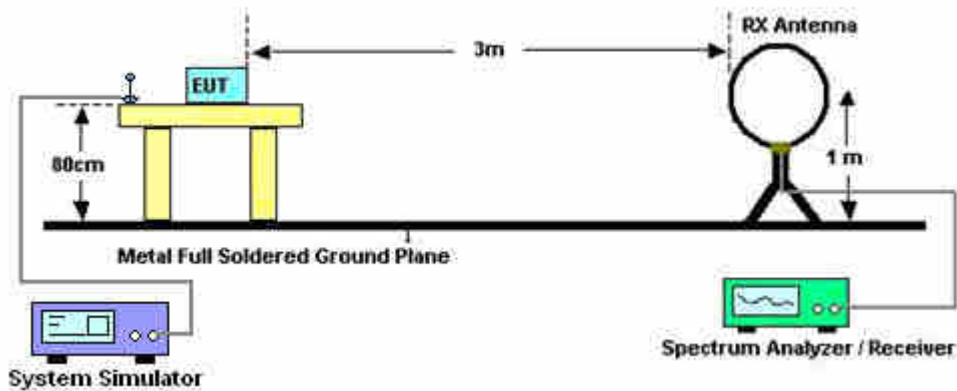
3.11.2 Test Procedures

1. The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna 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 1m to 4m to search the maximum spurious emission for both horizontal and vertical polarizations.
5. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, 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. $EIRP \text{ (dBm)} = S.G. \text{ Power} - Tx \text{ Cable Loss} + Tx \text{ Antenna Gain}$
10. $ERP \text{ (dBm)} = EIRP - 2.15$
11. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

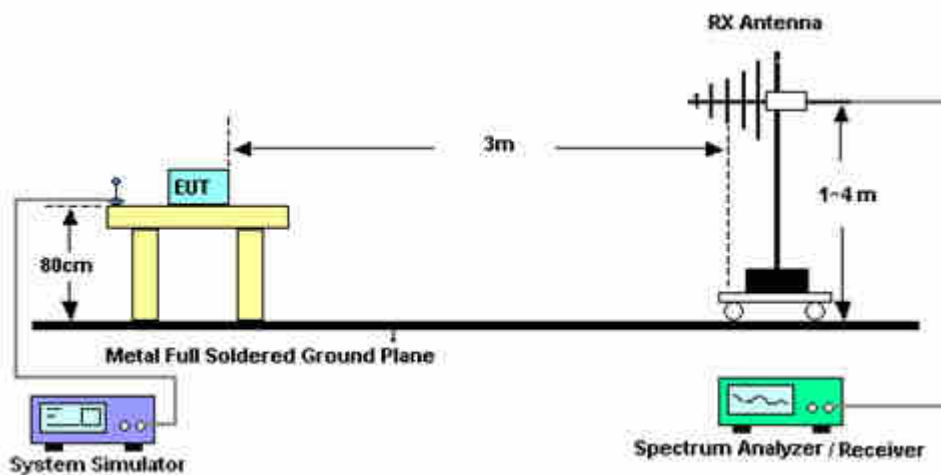
The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)

3.11.3 Test Setup

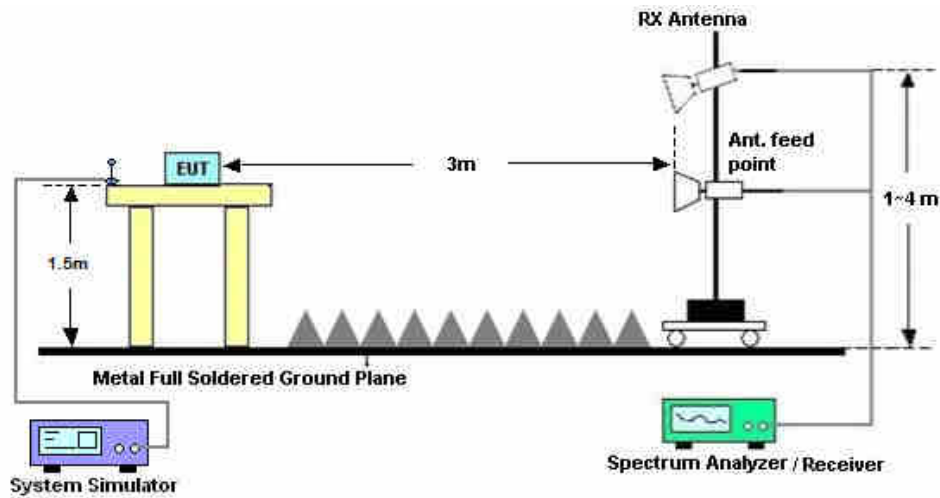
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



3.11.4 Test Results

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

Please refer to Appendix B.



3.12 Radiated carrier-off state emissions

3.12.1 Description of Limits on Emissions from Mobile Earth Station

FCC Part 25.216 (i)

The e.i.r.p density of carrier-off state emissions from mobile earth stations manufactured more than six months after Federal Register publication of the rule changes adopted in FCC 03-283 with assigned uplink frequencies between 1 and 3 GHz shall not exceed -80 dBW/MHz in the 1559-1610 MHz band averaged over any two millisecond interval.

3.12.2 Test Procedures

1. The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna 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 1m to 4m to search the maximum spurious emission for both horizontal and vertical polarizations.
5. Measurement carrier-off state emissions from mobile earth stations



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 02, 2025	Sep. 27, 2025~ Dec. 10, 2025	Apr. 01, 2026	Conducted (TH01-SZ)
Power Divider	Titan	P02N005180	923402	0.4GHz~26.5G Hz	Nov. 08, 2024	Sep. 27, 2025~ Dec. 10, 2025	Nov. 07, 2025	Conducted (TH01-SZ)
Power Divider	Titan	P02N005180	923402	0.4GHz~26.5G Hz	Nov. 07, 2025		Nov. 06, 2026	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangrou p	LP-150U	H2014081 803	-40~+150°C	Jul. 02, 2025	Sep. 27, 2025~ Dec. 10, 2025	Jul. 01, 2026	Conducted (TH01-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY551502 13	10Hz~44GHz	Jul. 03, 2025	Nov. 27, 2025	Jul. 02, 2026	Radiation (03CH02-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 28, 2024	Nov. 27, 2025	Dec. 27, 2025	Radiation (03CH02-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz~2GHz	Oct. 24, 2025	Nov. 27, 2025	Oct. 23, 2027	Radiation (03CH02-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 04, 2025	Nov. 27, 2025	Jul. 04, 2026	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	TTA1840-35- HG	1871923	18GHz~40GHz	Jul. 03, 2025	Nov. 27, 2025	Jul. 03, 2026	Radiation (03CH02-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz~40GHz	Apr. 03, 2025	Nov. 27, 2025	Apr. 02, 2027	Radiation (03CH02-SZ)
LF Amplifier	EM Electronics	EM330	060788	20MHz~3GHz	Dec. 25, 2024	Nov. 27, 2025	Dec. 24, 2025	Radiation (03CH02-SZ)
HF Amplifier	KEYSIGHT	83017A	MY532701 05	0.5GHz~26.5Gh z	Oct. 14, 2025	Nov. 27, 2025	Oct. 13, 2026	Radiation (03CH02-SZ)
AC Power Source	Chroma	61601	616010003 043	N/A	Oct. 18, 2025	Nov. 27, 2025	Oct. 17, 2026	Radiation (03CH02-SZ)
Turn Table	Chaintek	T-200	N/A	0~360 degree	NCR	Nov. 27, 2025	NCR	Radiation (03CH02-SZ)
Antenna Mast	Chaintek	MBS-400	N/A	1 m~4 m	NCR	Nov. 27, 2025	NCR	Radiation (03CH02-SZ)

NCR: No Calibration Required

5 Measurement Uncertainty

Uncertainty of Conducted Measurement

Test Item	Uncertainty
Conducted Spurious Emission & Bandedge	± 1.34 dB
Occupied Channel Bandwidth	± 0.012 MHz
Conducted Power	± 1.34 dB
Peak to Average Ratio	± 1.34 dB
Frequency Stability	± 1.3 Hz

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	2.47dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	3.31dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	3.72dB
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Appendix A. Test Results of Conducted Test

Test Engineer :	Khan Zhen	Temperature :	24~26°C
		Relative Humidity :	50~53%

Conducted Output Power(Average power) and EIRP

LTE Band 53-Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				60190	60197.5	60205			
Frequency (MHz)				2488.5	2489.25	2490	L	M	H
10	QPSK	1	0	24.38	24.48	24.41	0.1726	0.1766	0.1738
10	QPSK	1	25	24.34	24.46	24.38	0.1710	0.1758	0.1726
10	QPSK	1	49	24.22	24.26	24.13	0.1663	0.1679	0.1629
10	QPSK	25	0	23.41	23.46	23.38	0.1380	0.1396	0.1371
10	QPSK	25	12	23.30	23.42	23.29	0.1346	0.1384	0.1343
10	QPSK	25	25	23.25	23.36	23.31	0.1330	0.1365	0.1349
10	QPSK	50	0	23.27	23.40	23.27	0.1337	0.1377	0.1337
10	16QAM	1	0	23.45	23.51	23.38	0.1393	0.1413	0.1371
10	16QAM	1	25	23.45	23.57	23.51	0.1393	0.1432	0.1413
10	16QAM	1	49	23.31	23.44	23.31	0.1349	0.1390	0.1349
10	16QAM	25	0	22.38	22.41	22.35	0.1089	0.1096	0.1081
10	16QAM	25	12	22.32	22.45	22.38	0.1074	0.1107	0.1089
10	16QAM	25	25	22.32	22.38	22.26	0.1074	0.1089	0.1059
10	16QAM	50	0	22.34	22.46	22.34	0.1079	0.1109	0.1079
10	64QAM	1	0	22.33	22.46	22.35	0.1076	0.1109	0.1081
10	64QAM	1	25	22.44	22.51	22.42	0.1104	0.1122	0.1099
10	64QAM	1	49	22.16	22.24	22.20	0.1035	0.1054	0.1045
10	64QAM	25	0	21.27	21.33	21.21	0.0843	0.0855	0.0832
10	64QAM	25	12	21.35	21.43	21.39	0.0859	0.0875	0.0867
10	64QAM	25	25	21.36	21.45	21.35	0.0861	0.0879	0.0859
10	64QAM	50	0	21.36	21.47	21.36	0.0861	0.0883	0.0861
10	256QAM	1	0	19.39	19.42	19.31	0.0547	0.0551	0.0537
10	256QAM	1	25	19.37	19.43	19.34	0.0545	0.0552	0.0541
10	256QAM	1	49	19.25	19.31	19.27	0.0530	0.0537	0.0532
10	256QAM	25	0	19.39	19.48	19.39	0.0547	0.0558	0.0547
10	256QAM	25	12	19.36	19.46	19.42	0.0543	0.0556	0.0551
10	256QAM	25	25	19.36	19.42	19.29	0.0543	0.0551	0.0535
10	256QAM	50	0	19.31	19.45	19.34	0.0537	0.0555	0.0541
Channel				60165	60197.5	60230	EIRP(W)		
Frequency (MHz)				2486	2489.25	2492.5	L	M	H
5	QPSK	1	0	24.37	24.35	24.36	0.1722	0.1714	0.1718
5	QPSK	1	12	24.32	24.41	24.38	0.1702	0.1738	0.1726



5	QPSK	1	24	24.11	24.17	24.22	0.1622	0.1644	0.1663
5	QPSK	12	0	23.36	23.40	23.35	0.1365	0.1377	0.1361
5	QPSK	12	7	23.27	23.35	23.39	0.1337	0.1361	0.1374
5	QPSK	12	13	23.22	23.27	23.33	0.1321	0.1337	0.1355
5	QPSK	25	0	23.30	23.34	23.35	0.1346	0.1358	0.1361
5	16QAM	1	0	23.37	23.39	23.41	0.1368	0.1374	0.1380
5	16QAM	1	12	23.45	23.44	23.44	0.1393	0.1390	0.1390
5	16QAM	1	24	23.36	23.29	23.34	0.1365	0.1343	0.1358
5	16QAM	12	0	22.30	22.26	22.36	0.1069	0.1059	0.1084
5	16QAM	12	7	22.36	22.42	22.39	0.1084	0.1099	0.1091
5	16QAM	12	13	22.25	22.27	22.27	0.1057	0.1062	0.1062
5	16QAM	25	0	22.39	22.33	22.32	0.1091	0.1076	0.1074
5	64QAM	1	0	22.36	22.42	22.35	0.1084	0.1099	0.1081
5	64QAM	1	12	22.46	22.39	22.42	0.1109	0.1091	0.1099
5	64QAM	1	24	22.18	22.14	22.09	0.1040	0.1030	0.1019
5	64QAM	12	0	21.23	21.28	21.22	0.0836	0.0845	0.0834
5	64QAM	12	7	21.35	21.28	21.32	0.0859	0.0845	0.0853
5	64QAM	12	13	21.33	21.38	21.39	0.0855	0.0865	0.0867
5	64QAM	25	0	21.40	21.44	21.39	0.0869	0.0877	0.0867
5	256QAM	1	0	19.29	19.35	19.37	0.0535	0.0542	0.0545
5	256QAM	1	12	19.36	19.30	19.40	0.0543	0.0536	0.0548
5	256QAM	1	24	19.19	19.17	19.17	0.0522	0.0520	0.0520
5	256QAM	12	0	19.37	19.39	19.39	0.0545	0.0547	0.0547
5	256QAM	12	7	19.37	19.42	19.39	0.0545	0.0551	0.0547
5	256QAM	12	13	19.38	19.38	19.29	0.0546	0.0546	0.0535
5	256QAM	25	0	19.34	19.35	19.35	0.0541	0.0542	0.0542
Channel				60155	60197.5	60240	EIRP(W)		
Frequency (MHz)				2485	2489.25	2493.5	L	M	H
3	QPSK	1	0	24.32	24.31	24.33	0.1702	0.1698	0.1706
3	QPSK	1	8	24.37	24.38	24.37	0.1722	0.1726	0.1722
3	QPSK	1	14	24.12	24.08	24.16	0.1626	0.1611	0.1641
3	QPSK	8	0	23.36	23.38	23.36	0.1365	0.1371	0.1365
3	QPSK	8	4	23.36	23.29	23.31	0.1365	0.1343	0.1349
3	QPSK	8	7	23.23	23.27	23.19	0.1324	0.1337	0.1312
3	QPSK	15	0	23.26	23.27	23.30	0.1334	0.1337	0.1346
3	16QAM	1	0	23.34	23.34	23.42	0.1358	0.1358	0.1384
3	16QAM	1	8	23.44	23.40	23.45	0.1390	0.1377	0.1393
3	16QAM	1	14	23.27	23.36	23.33	0.1337	0.1365	0.1355
3	16QAM	8	0	22.25	22.27	22.29	0.1057	0.1062	0.1067
3	16QAM	8	4	22.28	22.35	22.37	0.1064	0.1081	0.1086
3	16QAM	8	7	22.24	22.32	22.29	0.1054	0.1074	0.1067
3	16QAM	15	0	22.30	22.36	22.38	0.1069	0.1084	0.1089
3	64QAM	1	0	22.36	22.35	22.40	0.1084	0.1081	0.1094
3	64QAM	1	8	22.37	22.36	22.34	0.1086	0.1084	0.1079
3	64QAM	1	14	22.14	22.07	22.10	0.1030	0.1014	0.1021



3	64QAM	8	0	21.19	21.17	21.15	0.0828	0.0824	0.0820
3	64QAM	8	4	21.26	21.30	21.27	0.0841	0.0849	0.0843
3	64QAM	8	7	21.32	21.28	21.37	0.0853	0.0845	0.0863
3	64QAM	15	0	21.40	21.36	21.33	0.0869	0.0861	0.0855
3	256QAM	1	0	19.30	19.29	19.26	0.0536	0.0535	0.0531
3	256QAM	1	8	19.34	19.29	19.26	0.0541	0.0535	0.0531
3	256QAM	1	14	19.22	19.20	19.20	0.0526	0.0524	0.0524
3	256QAM	8	0	19.39	19.31	19.37	0.0547	0.0537	0.0545
3	256QAM	8	4	19.40	19.37	19.32	0.0548	0.0545	0.0538
3	256QAM	8	7	19.30	19.25	19.30	0.0536	0.0530	0.0536
3	256QAM	15	0	19.37	19.35	19.32	0.0545	0.0542	0.0538
Channel				60147	60197.5	60248	EIRP(W)		
Frequency (MHz)				2484.2	2489.25	2494.3	L	M	H
1.4	QPSK	1	0	24.33	24.30	24.30	0.1706	0.1694	0.1694
1.4	QPSK	1	3	24.27	24.32	24.28	0.1683	0.1702	0.1687
1.4	QPSK	1	5	24.18	24.09	24.10	0.1648	0.1614	0.1618
1.4	QPSK	3	0	23.29	23.28	23.29	0.1343	0.1340	0.1343
1.4	QPSK	3	1	23.32	23.23	23.34	0.1352	0.1324	0.1358
1.4	QPSK	3	3	23.18	23.24	23.26	0.1309	0.1327	0.1334
1.4	QPSK	6	0	23.21	23.29	23.31	0.1318	0.1343	0.1349
1.4	16QAM	1	0	23.39	23.38	23.31	0.1374	0.1371	0.1349
1.4	16QAM	1	3	23.42	23.47	23.47	0.1384	0.1400	0.1400
1.4	16QAM	1	5	23.32	23.26	23.33	0.1352	0.1334	0.1355
1.4	16QAM	3	0	22.29	22.32	22.26	0.1067	0.1074	0.1059
1.4	16QAM	3	1	22.27	22.26	22.35	0.1062	0.1059	0.1081
1.4	16QAM	3	3	22.30	22.29	22.20	0.1069	0.1067	0.1045
1.4	16QAM	6	0	22.28	22.28	22.30	0.1064	0.1064	0.1069
1.4	64QAM	1	0	22.30	22.31	22.38	0.1069	0.1072	0.1089
1.4	64QAM	1	3	22.35	22.38	22.32	0.1081	0.1089	0.1074
1.4	64QAM	1	5	22.05	22.15	22.15	0.1009	0.1033	0.1033
1.4	64QAM	3	0	21.24	21.21	21.16	0.0838	0.0832	0.0822
1.4	64QAM	3	1	21.25	21.27	21.32	0.0839	0.0843	0.0853
1.4	64QAM	3	3	21.30	21.35	21.27	0.0849	0.0859	0.0843
1.4	64QAM	6	0	21.31	21.29	21.29	0.0851	0.0847	0.0847
1.4	256QAM	1	0	19.33	19.25	19.31	0.0540	0.0530	0.0537
1.4	256QAM	1	3	19.28	19.24	19.34	0.0533	0.0528	0.0541
1.4	256QAM	1	5	19.13	19.19	19.23	0.0515	0.0522	0.0527
1.4	256QAM	3	0	19.31	19.39	19.30	0.0537	0.0547	0.0536
1.4	256QAM	3	1	19.36	19.35	19.37	0.0543	0.0542	0.0545
1.4	256QAM	3	3	19.29	19.27	19.26	0.0535	0.0532	0.0531
1.4	256QAM	6	0	19.36	19.32	19.33	0.0543	0.0538	0.0540



5G NR n53-Ant 8

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
53	30	10	497700	2488.5	DFT-s-OFDM PI/2 BPSK	12@6	23.98	21.97	0.1574
53	30	10	497700	2488.5	DFT-s-OFDM PI/2 BPSK	1@1	23.82	21.81	0.1517
53	30	10	497700	2488.5	DFT-s-OFDM PI/2 BPSK	1@22	24.04	22.03	0.1596
53	30	10	497700	2488.5	DFT-s-OFDM QPSK	12@6	23.91	21.9	0.1549
53	30	10	497700	2488.5	DFT-s-OFDM QPSK	1@1	23.75	21.74	0.1493
53	30	10	497700	2488.5	DFT-s-OFDM QPSK	1@22	24.08	22.07	0.1611
53	30	10	497700	2488.5	DFT-s-OFDM 16 QAM	12@6	23.02	21.01	0.1262
53	30	10	497700	2488.5	DFT-s-OFDM 16 QAM	1@1	22.86	20.85	0.1216
53	30	10	497700	2488.5	DFT-s-OFDM 16 QAM	1@22	23.2	21.19	0.1315
53	30	10	497700	2488.5	DFT-s-OFDM 64 QAM	12@6	21.5	19.49	0.0889
53	30	10	497700	2488.5	DFT-s-OFDM 64 QAM	1@1	21.54	19.53	0.0897
53	30	10	497700	2488.5	DFT-s-OFDM 64 QAM	1@22	21.57	19.56	0.0904
53	30	10	497700	2488.5	DFT-s-OFDM 256 QAM	12@6	19.56	17.55	0.0569
53	30	10	497700	2488.5	DFT-s-OFDM 256 QAM	1@1	19.44	17.43	0.0553
53	30	10	497700	2488.5	DFT-s-OFDM 256 QAM	1@22	19.49	17.48	0.0560
53	30	10	497700	2488.5	CP-OFDM QPSK	12@6	22.39	20.38	0.1091
53	30	10	497700	2488.5	CP-OFDM QPSK	1@1	22.28	20.27	0.1064
53	30	10	497700	2488.5	CP-OFDM QPSK	1@22	22.57	20.56	0.1138
53	30	10	497860	2489.3	DFT-s-OFDM PI/2 BPSK	12@6	24.06	22.05	0.1603
53	30	10	497860	2489.3	DFT-s-OFDM PI/2 BPSK	1@1	23.89	21.88	0.1542
53	30	10	497860	2489.3	DFT-s-OFDM PI/2 BPSK	1@22	24.04	22.03	0.1596
53	30	10	497860	2489.3	DFT-s-OFDM QPSK	12@6	24.03	22.02	0.1592
53	30	10	497860	2489.3	DFT-s-OFDM QPSK	1@1	23.84	21.83	0.1524
53	30	10	497860	2489.3	DFT-s-OFDM QPSK	1@22	24.07	22.06	0.1607
53	30	10	497860	2489.3	DFT-s-OFDM 16 QAM	12@6	23.15	21.14	0.1300
53	30	10	497860	2489.3	DFT-s-OFDM 16 QAM	1@1	22.97	20.96	0.1247
53	30	10	497860	2489.3	DFT-s-OFDM 16 QAM	1@22	23.13	21.12	0.1294
53	30	10	497860	2489.3	DFT-s-OFDM 64 QAM	12@6	21.53	19.52	0.0895
53	30	10	497860	2489.3	DFT-s-OFDM 64 QAM	1@1	21.51	19.5	0.0891
53	30	10	497860	2489.3	DFT-s-OFDM 64 QAM	1@22	21.55	19.54	0.0899
53	30	10	497860	2489.3	DFT-s-OFDM 256 QAM	12@6	19.61	17.6	0.0575
53	30	10	497860	2489.3	DFT-s-OFDM 256 QAM	1@1	19.42	17.41	0.0551
53	30	10	497860	2489.3	DFT-s-OFDM 256 QAM	1@22	19.46	17.45	0.0556
53	30	10	497860	2489.3	CP-OFDM QPSK	12@6	22.33	20.32	0.1076
53	30	10	497860	2489.3	CP-OFDM QPSK	1@1	22.45	20.44	0.1107
53	30	10	497860	2489.3	CP-OFDM QPSK	1@22	22.38	20.37	0.1089
53	30	10	498000	2490	DFT-s-OFDM PI/2 BPSK	12@6	24.17	22.16	0.1644
53	30	10	498000	2490	DFT-s-OFDM PI/2 BPSK	1@1	23.78	21.77	0.1503
53	30	10	498000	2490	DFT-s-OFDM PI/2 BPSK	1@22	24.1	22.09	0.1618
53	30	10	498000	2490	DFT-s-OFDM QPSK	12@6	24.12	22.11	0.1626
53	30	10	498000	2490	DFT-s-OFDM QPSK	1@1	23.72	21.71	0.1483
53	30	10	498000	2490	DFT-s-OFDM QPSK	1@22	24.05	22.04	0.1600
53	30	10	498000	2490	DFT-s-OFDM 16 QAM	12@6	23.19	21.18	0.1312

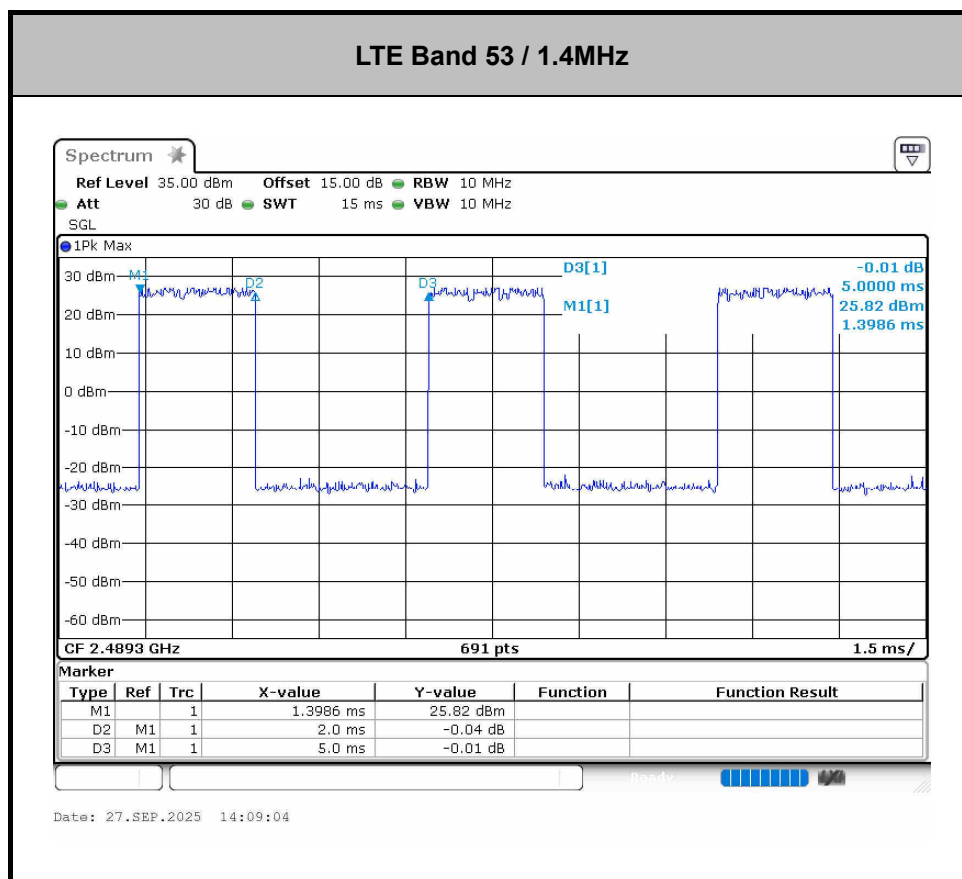


53	30	10	498000	2490	DFT-s-OFDM 16 QAM	1@1	22.86	20.85	0.1216
53	30	10	498000	2490	DFT-s-OFDM 16 QAM	1@22	23.17	21.16	0.1306
53	30	10	498000	2490	DFT-s-OFDM 64 QAM	12@6	21.68	19.67	0.0927
53	30	10	498000	2490	DFT-s-OFDM 64 QAM	1@1	21.52	19.51	0.0893
53	30	10	498000	2490	DFT-s-OFDM 64 QAM	1@22	21.59	19.58	0.0908
53	30	10	498000	2490	DFT-s-OFDM 256 QAM	12@6	19.61	17.6	0.0575
53	30	10	498000	2490	DFT-s-OFDM 256 QAM	1@1	19.44	17.43	0.0553
53	30	10	498000	2490	DFT-s-OFDM 256 QAM	1@22	19.42	17.41	0.0551
53	30	10	498000	2490	CP-OFDM QPSK	12@6	22.43	20.42	0.1102
53	30	10	498000	2490	CP-OFDM QPSK	1@1	22.34	20.33	0.1079
53	30	10	498000	2490	CP-OFDM QPSK	1@22	22.42	20.41	0.1099

LTE Band 53

Duty Cycle

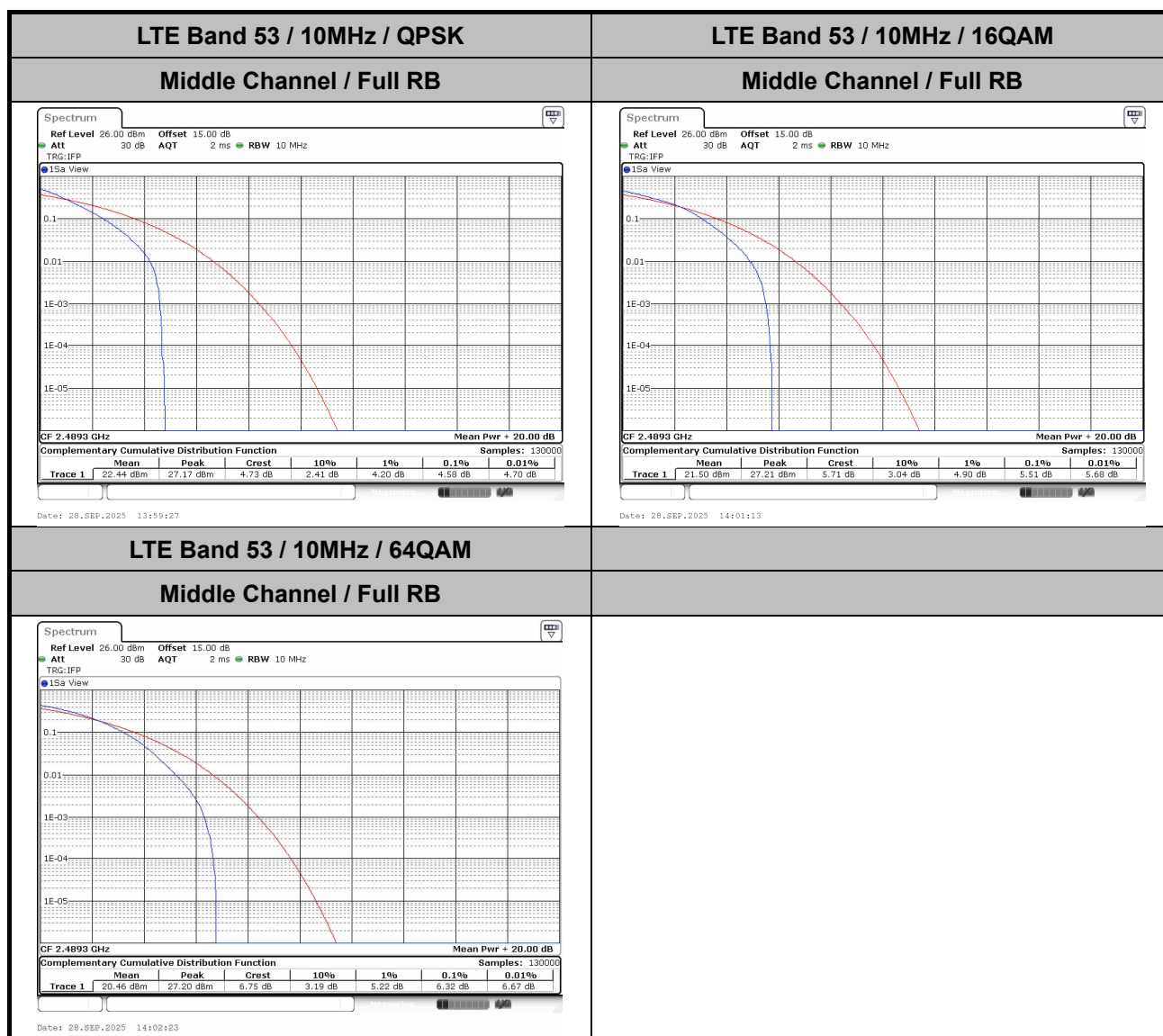
Mode	LTE Band 53 : Duty Cycle	
BW	-	1.4MHz
Middle CH	D2 (ms)	2
	D3 (ms)	5
	Duty Cycle (%)	40
	Duty Cycle Offset(dB)	4





Peak-to-Average Ratio

Mode	LTE Band 53 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.58	5.51	6.32	PASS



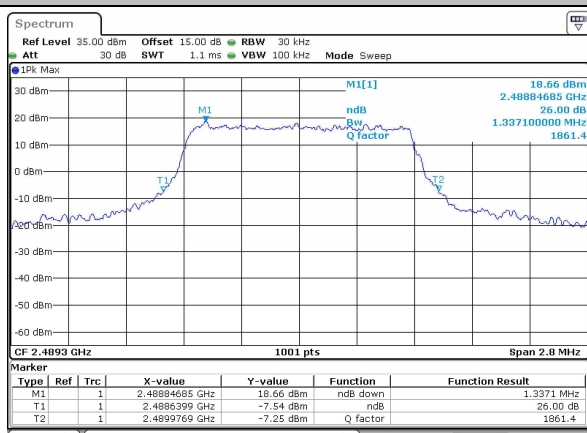


26dB Bandwidth

Mode	LTE Band 53 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.33	1.40	3.13	3.11	4.78	5.10	10.23	9.67	-	-	-	-

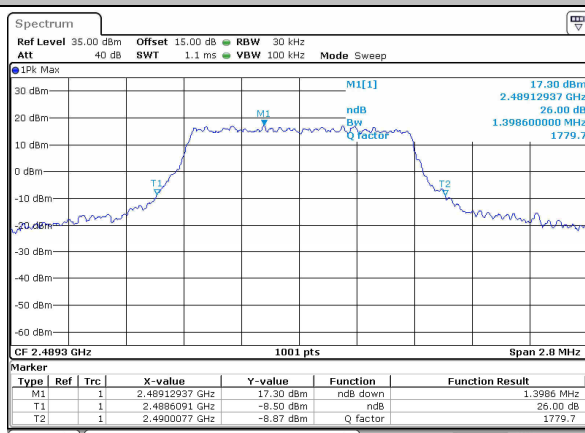
LTE Band 53

Middle Channel / 1.4MHz / QPSK



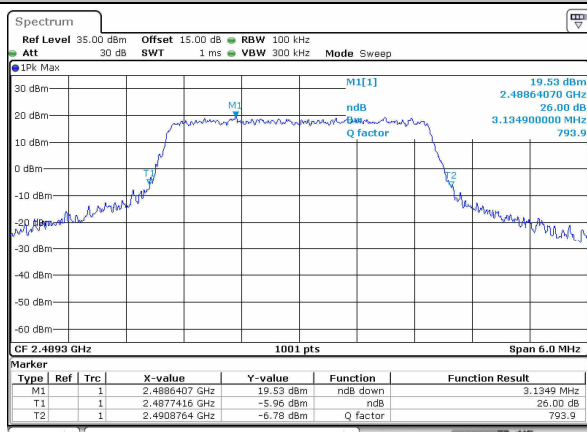
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Middle Channel / 1.4MHz / 16QAM



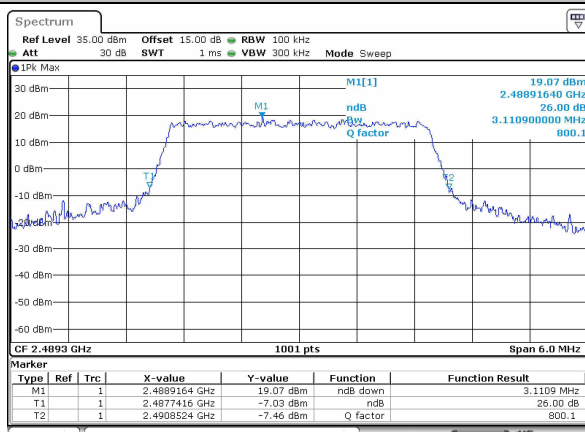
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Middle Channel / 3MHz / QPSK



Date: 28.SEP.2025 09:01:16

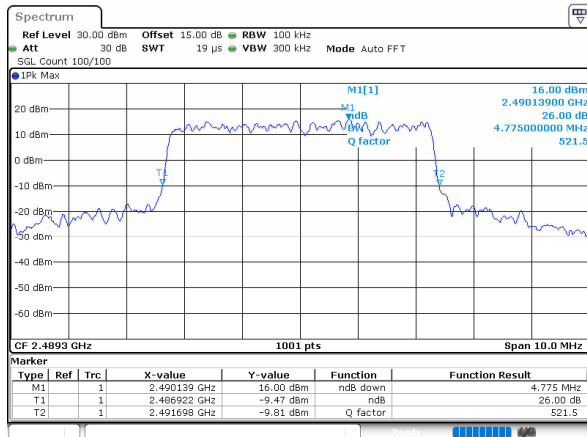
Middle Channel / 3MHz / 16QAM



Date: 28.SEP.2025 09:04:47

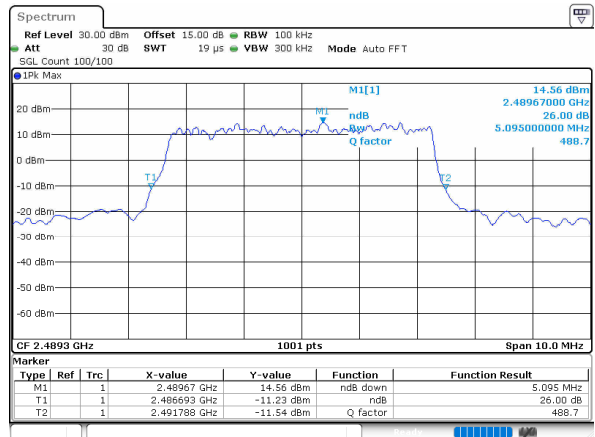


Middle Channel / 5MHz / QPSK



Date: 28,SEP,2025 14:06:27

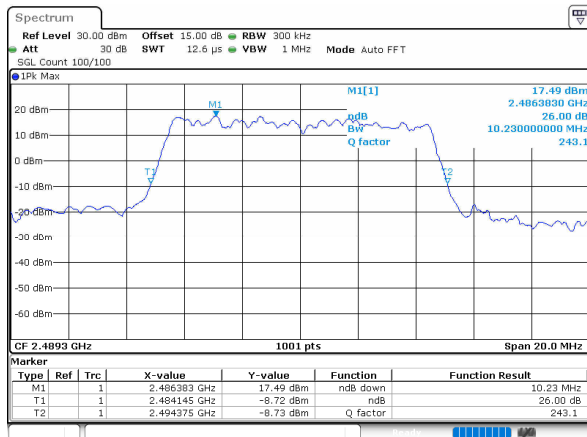
Middle Channel / 5MHz / 16QAM



Date: 28,SEP,2025 14:08:27

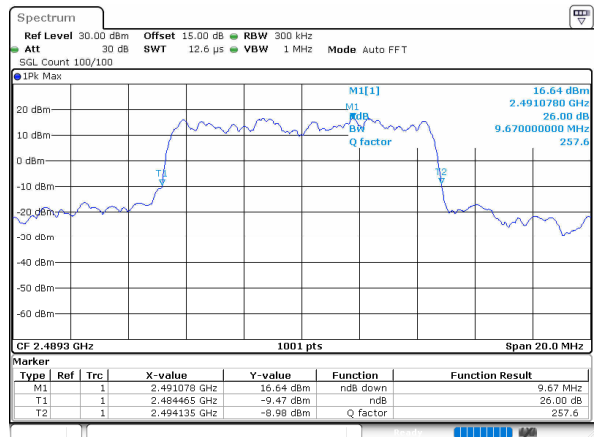
LTE Band 53

Middle Channel / 10MHz / QPSK



Date: 28,SEP,2025 13:35:05

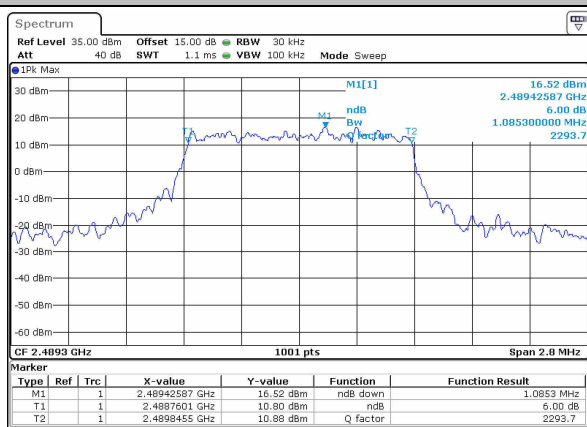
Middle Channel / 10MHz / 16QAM



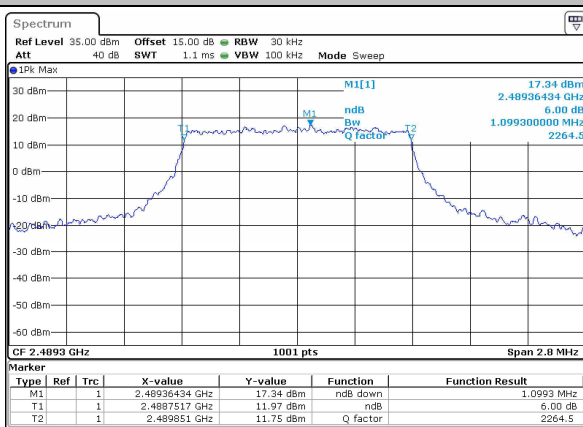
Date: 28,SEP,2025 13:37:02

**6dB Bandwidth**

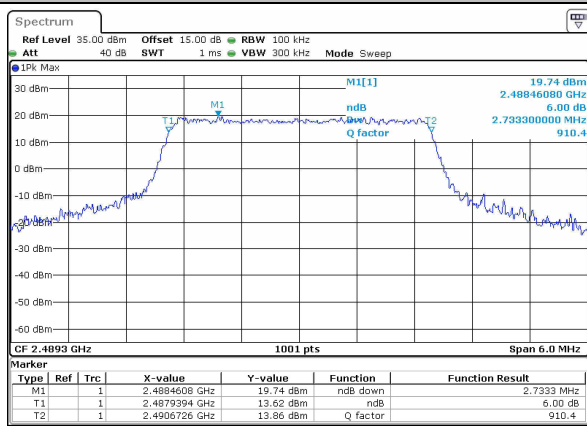
Mode	LTE Band 53 : 6dB BW(MHz)								
BW	1.4MHz		3MHz		5MHz		10MHz		Limit:>0.5MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	Result
Middle CH	1.09	1.10	2.73	2.75	4.54	4.53	9.09	9.15	Pass

LTE Band 53**Middle Channel / 1.4MHz / QPSK**

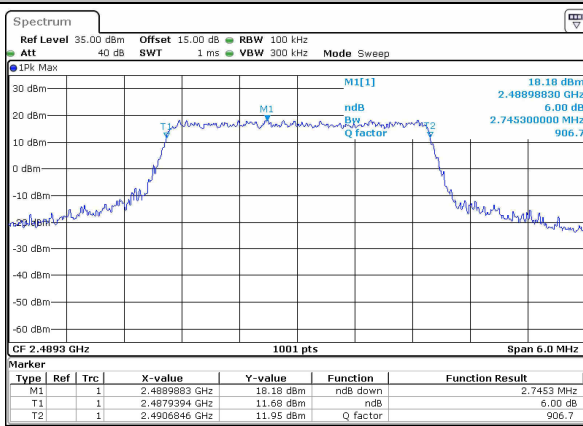
Date: 27.SEP.2025 14:29:17

Middle Channel / 1.4MHz / 16QAM

Date: 27.SEP.2025 14:29:36

Middle Channel / 3MHz / QPSK

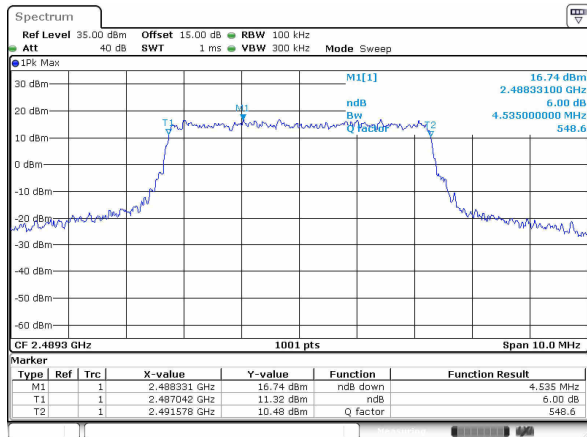
Date: 28.SEP.2025 09:06:13

Middle Channel / 3MHz / 16QAM

Date: 28.SEP.2025 09:06:41

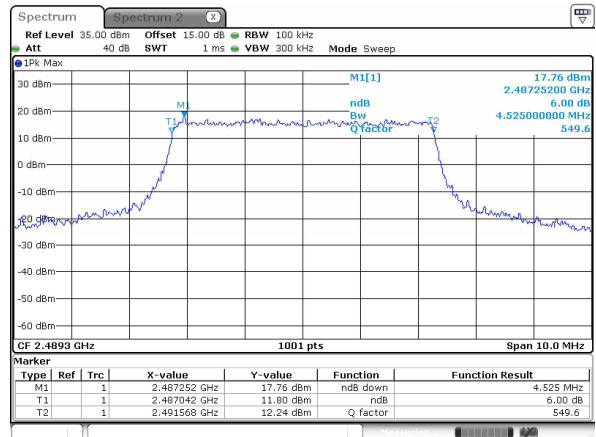


Middle Channel / 5MHz / QPSK



Date: 28.SEP.2025 14:09:14

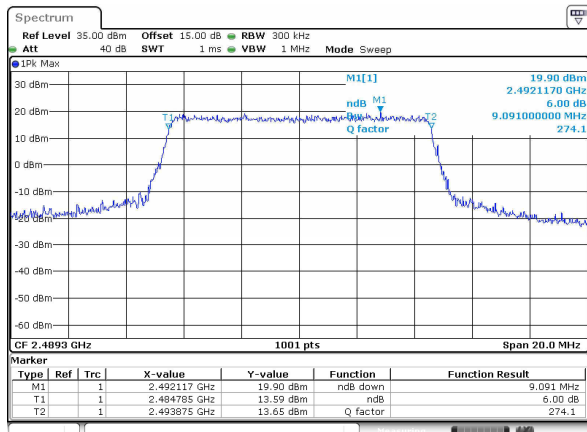
Middle Channel / 5MHz / 16QAM



Date: 10.OCT.2025 21:16:38

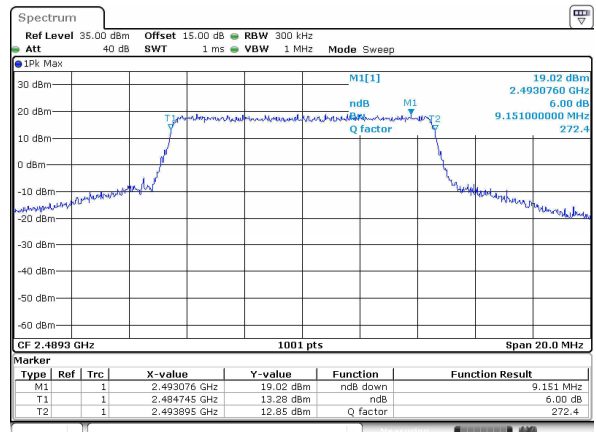
LTE Band 53

Middle Channel / 10MHz / QPSK



Date: 28.SEP.2025 13:40:51

Middle Channel / 10MHz / 16QAM

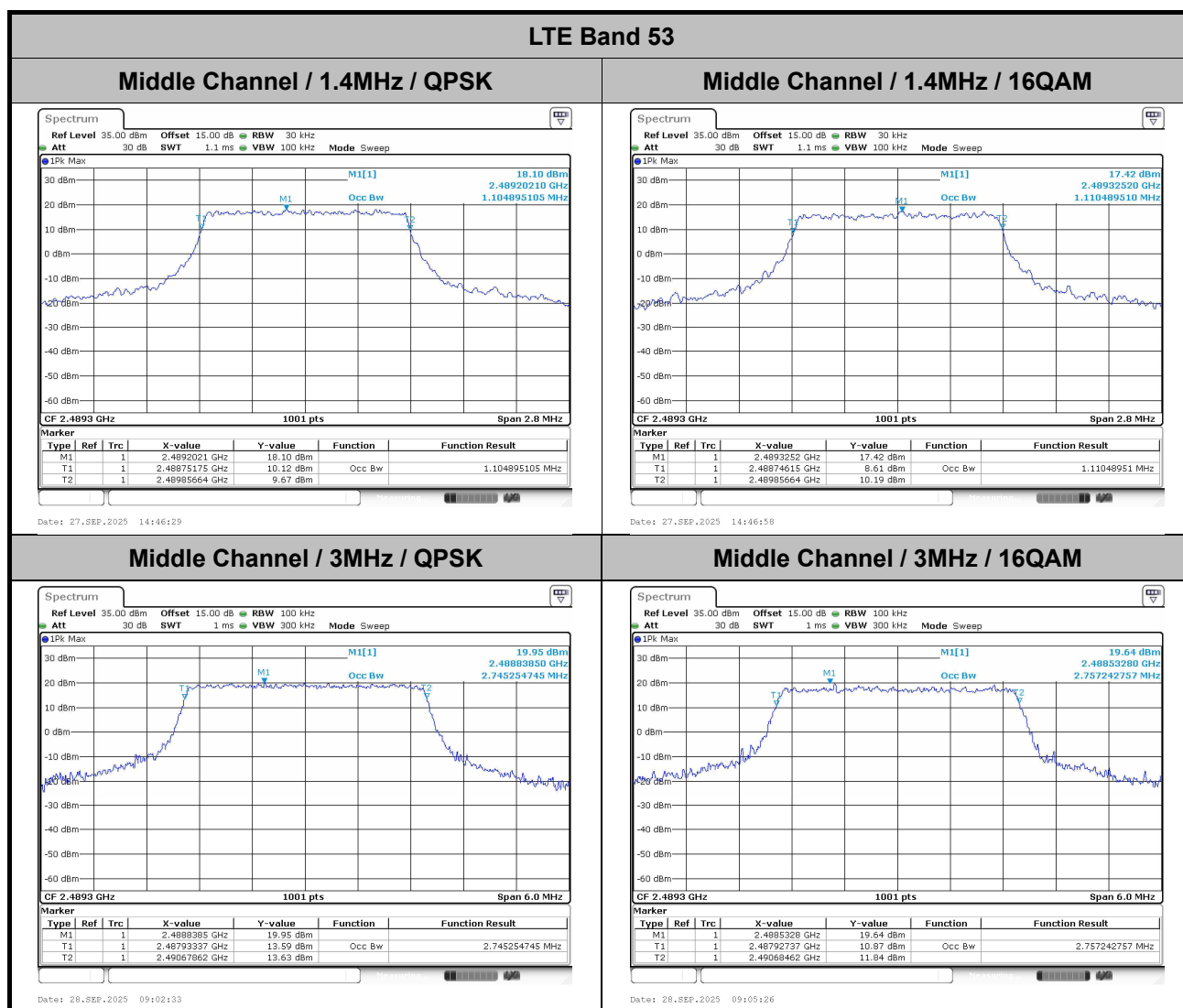


Date: 28.SEP.2025 13:40:34



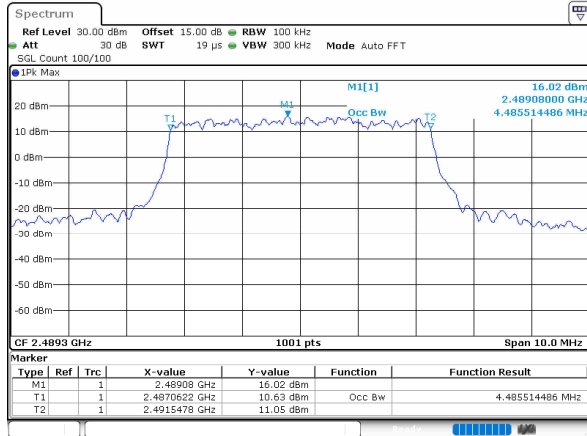
Occupied Bandwidth

Mode	LTE Band 53 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.10	1.11	2.75	2.76	4.49	4.48	9.01	9.09	-	-	-	-



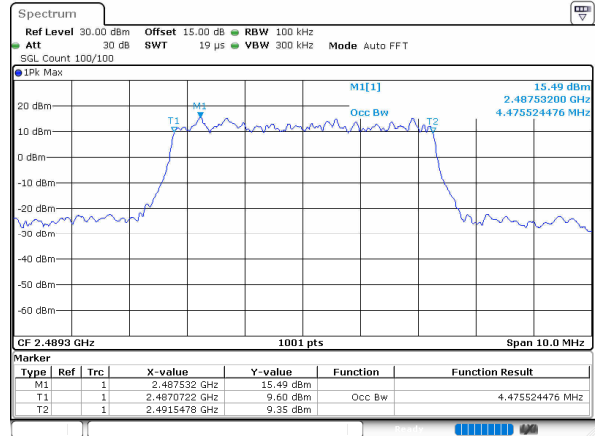


Middle Channel / 5MHz / QPSK



Date: 28.SEP.2025 14:05:39

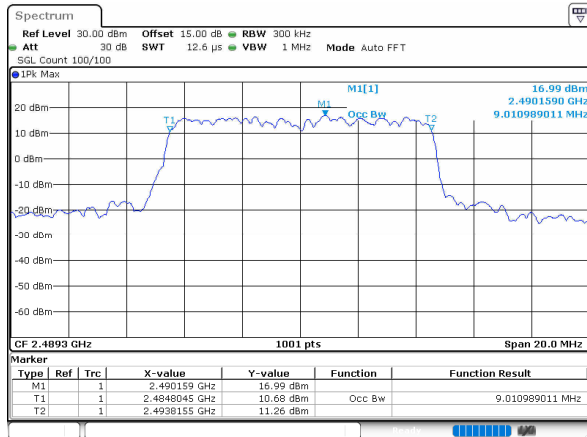
Middle Channel / 5MHz / 16QAM



Date: 28.SEP.2025 14:07:39

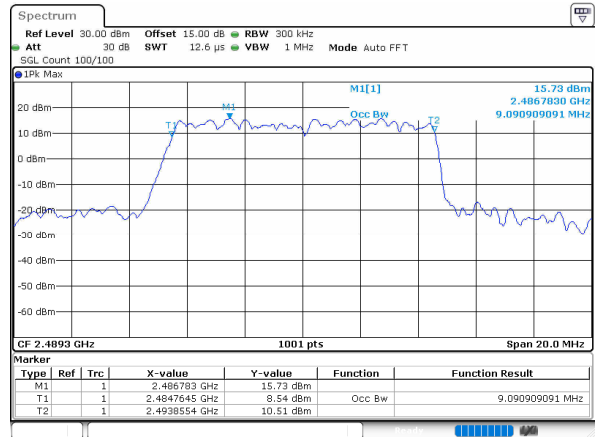
LTE Band 53

Middle Channel / 10MHz / QPSK



Date: 28.SEP.2025 13:34:18

Middle Channel / 10MHz / 16QAM



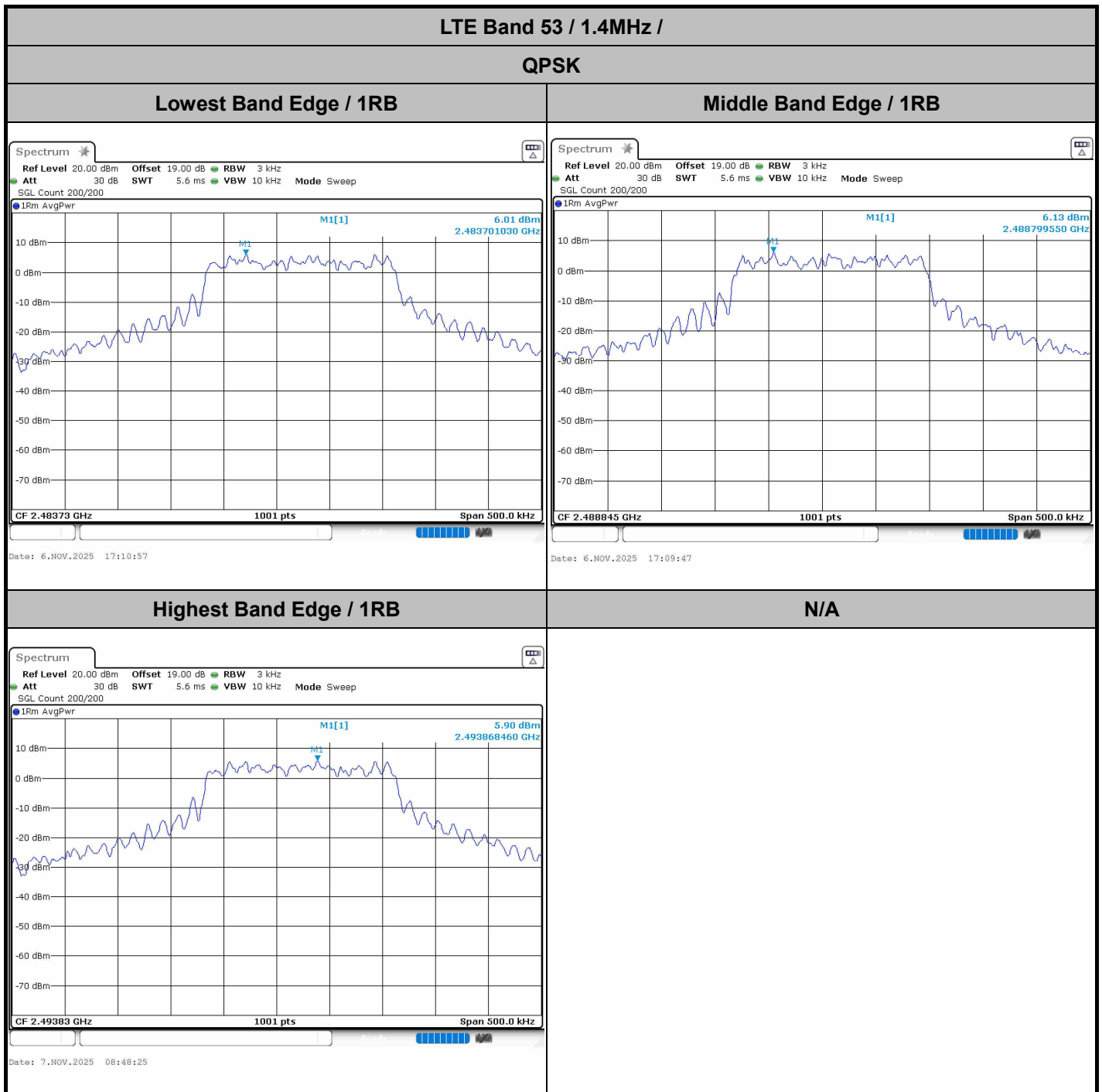
Date: 28.SEP.2025 13:36:38

Power Spectral Density

BW MHz	Channel	Modulation	RB Allocation/RB Offset	PSD dBm/3KHz	PSD Limit dBm/3KHz	Result
1.4M	Low	QPSK	1/0	6.01	8	PASS
		16QAM	1/0	3.85	8	PASS
		64QAM	1/0	2.98	8	PASS
	Mid	QPSK	1/0	6.13	8	PASS
		16QAM	1/0	4.45	8	PASS
		64QAM	1/0	3.19	8	PASS
	High	QPSK	1/0	5.9	8	PASS
		16QAM	1/0	3.98	8	PASS
		64QAM	1/0	3.22	8	PASS
3M	Low	QPSK	1/0	6.13	8	PASS
		16QAM	1/0	4.45	8	PASS
		64QAM	1/0	3.01	8	PASS
	Mid	QPSK	1/0	6.46	8	PASS
		16QAM	1/0	4.02	8	PASS
		64QAM	1/0	3.05	8	PASS
	High	QPSK	1/0	5.81	8	PASS
		16QAM	1/0	4.29	8	PASS
		64QAM	1/0	3.6	8	PASS
5M	Low	QPSK	1/0	6.62	8	PASS
		16QAM	1/0	4.23	8	PASS
		64QAM	1/0	3.23	8	PASS
	Mid	QPSK	1/0	6.3	8	PASS
		16QAM	1/0	4.36	8	PASS
		64QAM	1/0	2.94	8	PASS
	High	QPSK	1/0	6.36	8	PASS
		16QAM	1/0	3.84	8	PASS
		64QAM	1/0	3.37	8	PASS
10M	Low	QPSK	1/0	5.94	8	PASS
		16QAM	1/0	4.8	8	PASS
		64QAM	1/0	3.47	8	PASS
	Mid	QPSK	1/0	6.31	8	PASS
		16QAM	1/0	4.8	8	PASS
		64QAM	1/0	2.7	8	PASS
	High	QPSK	1/0	6.39	8	PASS
		16QAM	1/0	4.12	8	PASS
		64QAM	1/0	2.91	8	PASS



Note : The Duty Cycle Factor is compensated in the graph.

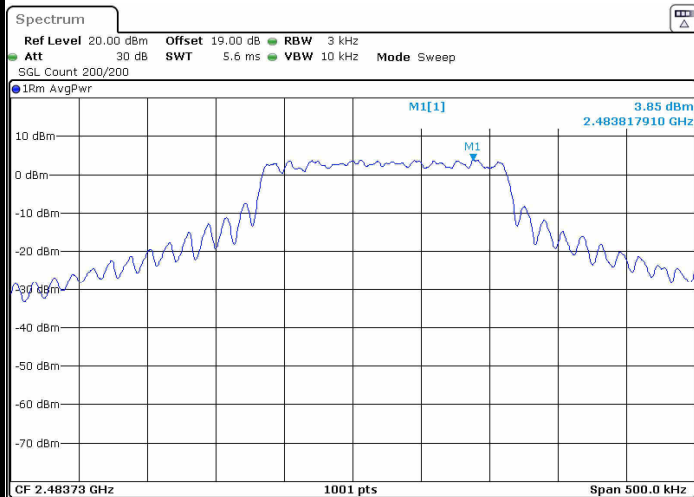




LTE Band 53 / 1.4MHz /

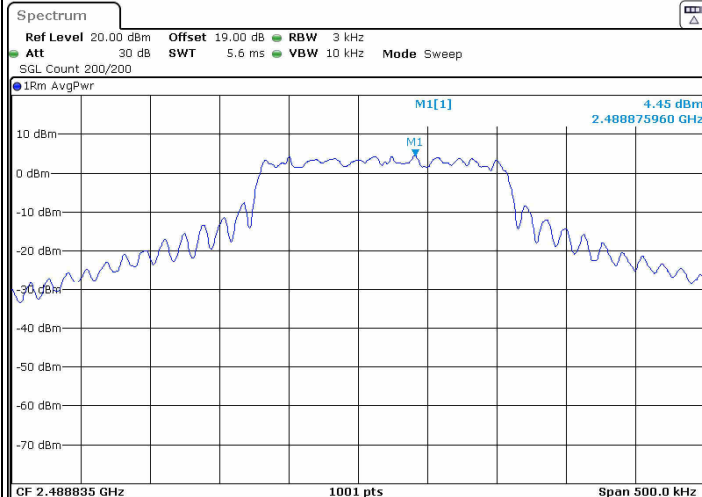
16QAM

Lowest Band Edge / 1RB



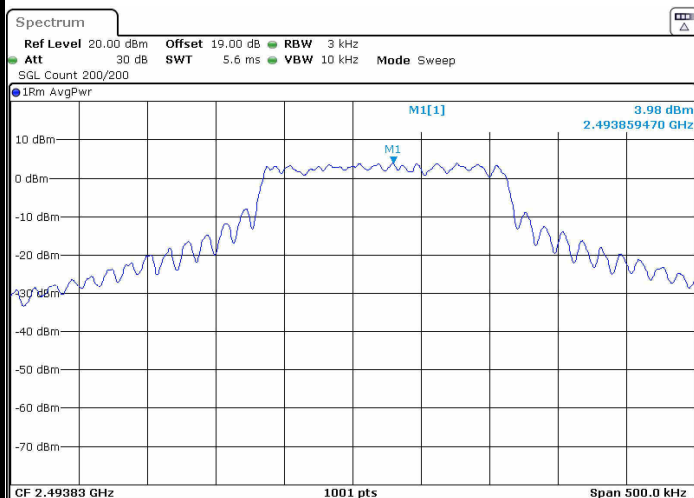
Date: 6.NOV.2025 17:11:09

Middle Band Edge / 1RB



Date: 7.NOV.2025 08:47:19

Highest Band Edge / 1RB



Date: 7.NOV.2025 08:48:10

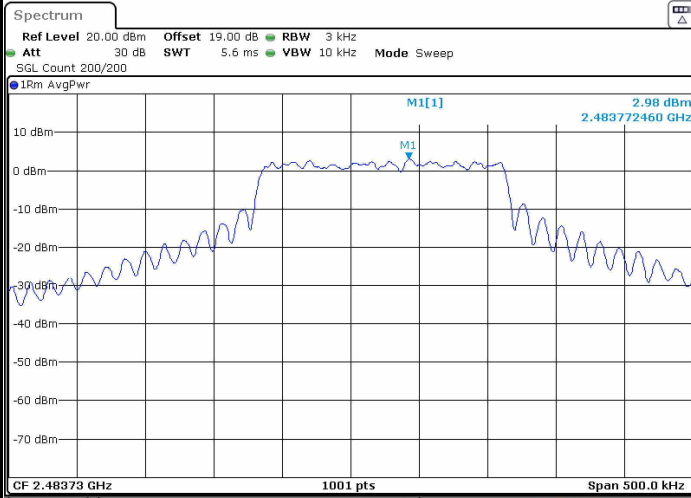
N/A



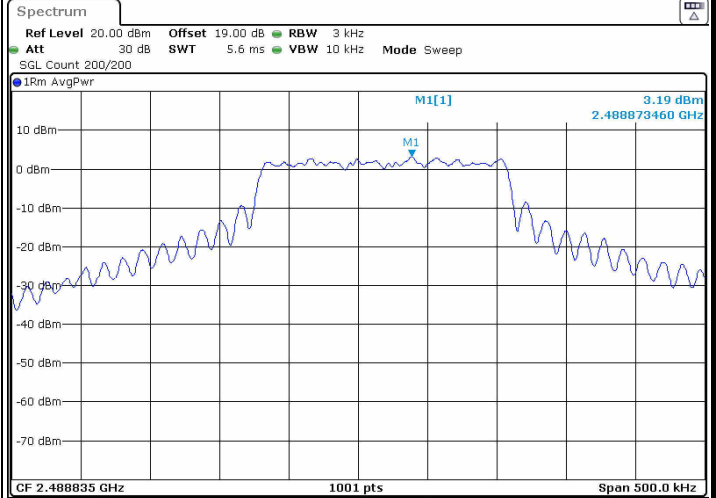
LTE Band 53 / 1.4MHz

64QAM

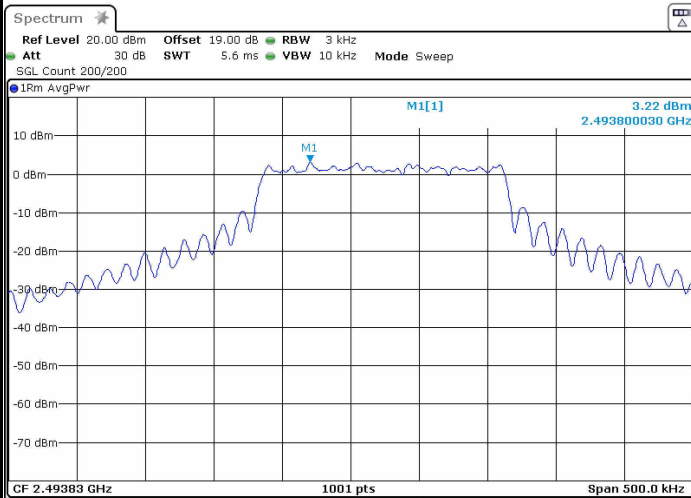
Lowest Band Edge / 1RB



Middle Band Edge / 1RB



Highest Band Edge / 1RB



N/A