



FCC RF Test Report

APPLICANT : Motorola Mobility LLC
EQUIPMENT : Mobile Cellular Phone
BRAND NAME : Motorola
MODEL NAME : XT2603-1, XT2603-2
FCC ID : IHDT56AW1
STANDARD : 47 CFR Part 27
CLASSIFICATION : PCS Licensed Transmitter Held to Ear (PCE)
TEST DATE(S) : Feb. 05, 2026 ~ Feb. 11, 2026

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

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

Jason Jia

Approved by: Jason Jia



Sporton International Inc. (Kunshan)

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG591906-05A	Rev. 01	Initial issue of report	Feb. 26, 2026



SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	-	PASS	-
	§27.50(h)(2)	Equivalent Isotropic Radiated Power (5G NR n41)	EIRP < 2Watt		
3.5	N/A	Peak-to-Average Ratio	<13 dB	PASS	-
3.6	§2.1049	Occupied Bandwidth	-	PASS	-
3.7	§27.53(m)(4)	Conducted Band Edge Measurement (5G NR n41)	§27.53(m)(4)	PASS	-
3.8	§2.1051 §27.53(m)(4)	Conducted Spurious Emission (5G NR n41)	< 55+10log ₁₀ (P[Watts])	PASS	-
3.9	§27.54	Frequency Stability Temperature & Voltage	Within Authorized Band	PASS	-
4.4	§2.1053 §27.53(m)(4)	Radiated Spurious Emission (5G NR n41)	< 55+10log ₁₀ (P[Watts])	PASS	Under limit 24.40 dB at 7486.00 MHz

Conformity Assessment Condition:

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

Disclaimer:

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



1 General Description

1.1 Applicant

Motorola Mobility LLC

222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

1.2 Manufacturer

Motorola Mobility LLC

222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Cellular Phone
Brand Name	Motorola
Model Name	XT2603-1, XT2603-2
FCC ID	IHDT56AW1
IMEI Code	Conducted: 350158880029436/350158880029444 Radiation: 350158880029097
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 kinds of EUT, the sample 1(XT2603-2) is P-SIM + eSIM and the sample 2(XT2603-1) is P-SIM +P-SIM. According to the difference, we choose sample 1 to full test.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	5G NR n41 : 2496 MHz ~ 2690 MHz
Rx Frequency	5G NR n41 : 2496 MHz ~ 2690 MHz
Bandwidth	n41 : 10MHz / 15MHz / 20MHz / 25MHz / 30MHz / 35MHz / 40MHz / 45MHz / 50MHz / 60MHz / 70MHz / 80MHz / 90MHz / 100MHz
SCS	30kHz
Antenna Gain	<Ant. 2>: n41: -2.0 dBi <Ant. 6>: n41: -2.6 dBi <Ant. 1>: n41: -1.7 dBi <Ant. 0>: n41: -4.1 dBi
Type of Modulation	CP-OFDM: QPSK / 16QAM / 64QAM / 256QAM DFT-s-OFDM: PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM

**Remark:**

1. The maximum EIRP is calculated from max output power and max antenna gain, only the maximum EIRP are shown in the report, 5G NR n41C for Ant. 1.
2. For 5G NR n41C, only the test data of Ant.2 is showed in the report according to the maximum conducted power for conducted test items.

1.5 Modification of EUT

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

1.6 Maximum EIRP and Emission Designator

NRCA_n41C	PI/2 BPSK / QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
NR BW 100MHz+20MHz	0.1496	118MG7D	0.1439	118MW7D
NR BW 100MHz+30MHz	0.1436	127MG7D	0.1352	127MW7D
NR BW 100MHz+40MHz	0.1418	137MG7D	0.1409	137MW7D
NR BW 100MHz+50MHz	0.1401	147MG7D	0.1338	147MW7D
NR BW 100MHz+60MHz	0.1397	157MG7D	0.1367	157MW7D
NR BW 100MHz+80MHz	0.1411	176MG7D	0.1403	176MW7D
NR BW 100MHz+90MHz	0.1517	186MG7D	0.1390	186MW7D
NR BW 100MHz+15MHz	0.1486	113MG7D	0.1442	113MW7D
NR BW 100MHz+10MHz	0.1486	108MG7D	0.1462	108MW7D
NR BW 10MHz+100MHz	0.1462	108MG7D	0.1406	108MW7D
NR BW 15MHz+100MHz	0.1416	113MG7D	0.1403	113MW7D
NR BW 15MHz+90MHz	0.1483	103MG7D	0.1466	103MW7D
NR BW 20MHz+100MHz	0.1442	118MG7D	0.1439	118MW7D
NR BW 20MHz+90MHz	0.1439	108MG7D	0.1406	108MW7D
NR BW 30MHz+100MHz	0.1456	127MG7D	0.1403	127MW7D
NR BW 30MHz+80MHz	0.1408	107MG7D	0.1380	107MW7D
NR BW 30MHz+90MHz	0.1439	117MG7D	0.1422	117MW7D
NR BW 40MHz+100MHz	0.1449	137MG7D	0.1384	137MW7D
NR BW 40MHz+80MHz	0.1425	117MG7D	0.1411	117MW7D
NR BW 40MHz+90MHz	0.1452	127MG7D	0.1402	127MW7D
NR BW 50MHz+100MHz	0.1381	147MG7D	0.1352	147MW7D
NR BW 50MHz+60MHz	0.1423	107MG7D	0.1409	107MW7D
NR BW 50MHz+80MHz	0.1486	127MG7D	0.1399	127MW7D
NR BW 50MHz+90MHz	0.1464	137MG7D	0.1356	137MW7D
NR BW 60MHz+100MHz	0.1413	157MG7D	0.1376	157MW7D
NR BW 60MHz+50MHz	0.1427	108MG7D	0.1385	107MW7D



NR BW 60MHz+60MHz	0.1455	117MG7D	0.1415	118MW7D
NR BW 60MHz+80MHz	0.1440	137MG7D	0.1376	137MW7D
NR BW 60MHz+90MHz	0.1413	147MG7D	0.1379	147MW7D
NR BW 80MHz+100MHz	0.1386	176MG7D	0.1376	177MW7D
NR BW 80MHz+30MHz	0.1504	107MG7D	0.1451	107MW7D
NR BW 80MHz+40MHz	0.1418	117MG7D	0.1371	117MW7D
NR BW 80MHz+50MHz	0.1442	127MG7D	0.1405	127MW7D
NR BW 80MHz+60MHz	0.1411	137MG7D	0.1368	137MW7D
NR BW 80MHz+80MHz	0.1455	157MG7D	0.1421	157MW7D
NR BW 80MHz+90MHz	0.1408	167MG7D	0.1387	167MW7D
NR BW 90MHz+100MHz	0.1390	186MG7D	0.1344	186MW7D
NR BW 90MHz+15MHz	0.1514	103MG7D	0.1459	103MW7D
NR BW 90MHz+20MHz	0.1510	108MG7D	0.1493	108MW7D
NR BW 90MHz+30MHz	0.1500	118MG7D	0.1459	117MW7D
NR BW 90MHz+40MHz	0.1429	127MG7D	0.1405	127MW7D
NR BW 90MHz+50MHz	0.1426	137MG7D	0.1374	137MW7D
NR BW 90MHz+60MHz	0.1422	147MG7D	0.1415	147MW7D
NR BW 90MHz+80MHz	0.1401	167MG7D	0.1368	166MW7D
NR BW 90MHz+90MHz	0.1397	176MG7D	0.1382	177MW7D

Note: All modulations have been tested, only the worst test results of PSK & QAM are shown in the report.

1.7 Testing Location

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

Test Firm	Sporton International Inc. (Kunshan)		
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	03CH04-KS TH01-KS	CN1257	314309

1.8 Test Software

Item	Site	Manufacture	Name	Version
1.	TH01-KS	Tonscend	JS1120-3 test system China_210602	3.3.10
2.	03CH04-KS	AUDIX	E3	210616

1.9 Applicable Standards

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

- 47 CFR Part 27
- ANSI C63.26-2015
- FCC KDB 971168 D01 Power Meas License Digital Systems v03r01
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01

Remark:

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

1.10 Specification of Accessory

Specification of Accessory				
AC Adapter 1(US)	Brand Name	Motorola(Salcomp)	Model Name	MC-901
AC Adapter 1(EU)	Brand Name	Motorola(Salcomp)	Model Name	MC-902
AC Adapter 1(UK)	Brand Name	Motorola(Salcomp)	Model Name	MC-903
AC Adapter 1(AU)	Brand Name	Motorola(Salcomp)	Model Name	MC-905
AC Adapter 1(AR)	Brand Name	Motorola(Salcomp)	Model Name	MC-906
AC Adapter 1(BR)	Brand Name	Motorola(Salcomp)	Model Name	MC-907
AC Adapter 1(CHILE)	Brand Name	Motorola(Salcomp)	Model Name	MC-909
AC Adapter 2(US)	Brand Name	Motorola(AOHAI)	Model Name	MC-901
AC Adapter 2(EU)	Brand Name	Motorola(AOHAI)	Model Name	MC-902
AC Adapter 2(UK)	Brand Name	Motorola(AOHAI)	Model Name	MC-903
AC Adapter 2(AU)	Brand Name	Motorola(AOHAI)	Model Name	MC-905
AC Adapter 2(AR)	Brand Name	Motorola(AOHAI)	Model Name	MC-906
AC Adapter 2(BR)	Brand Name	Motorola(AOHAI)	Model Name	MC-907
AC Adapter 2(CHILE)	Brand Name	Motorola(AOHAI)	Model Name	MC-909
AC Adapter 3(IN)	Brand Name	Motorola(AOHAI)	Model Name	MC-904
AC Adapter 3(IN Local)	Brand Name	Motorola(AOHAI)	Model Name	MC-904
AC Adapter 4(IN Local)	Brand Name	Motorola(Salcomp)	Model Name	MC-904
AC Adapter 4(IN)	Brand Name	Motorola(Salcomp)	Model Name	MC-904
Battery	Brand Name	Motorola (ATL)	Model Name	SR52
USB Cable 1	Brand Name	Motorola(SAIBAO)	Model Name	SC18D71644
USB Cable 2	Brand Name	Motorola(Luxshare)	Model Name	SC18E08104
USB Cable 3	Brand Name	Motorola(SAIBAO)	Model Name	SC18D86731
USB Cable 4	Brand Name	Motorola(Luxshare)	Model Name	SC18E08103
USB Cable 5	Brand Name	Motorola(SAIBAO)	Model Name	SC18E46326
USB Cable 6	Brand Name	Motorola(SAIBAO)	Model Name	SC18E59082
Magnetic Protective Cover	Brand Name	Motorola(Topwell)	Model Name	SS68E96654
Stylus	Brand Name	Motorola(Maxeye)	Model Name	XT2604-1

2 Test Configuration of Equipment Under Test

2.1 Test Mode

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

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

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

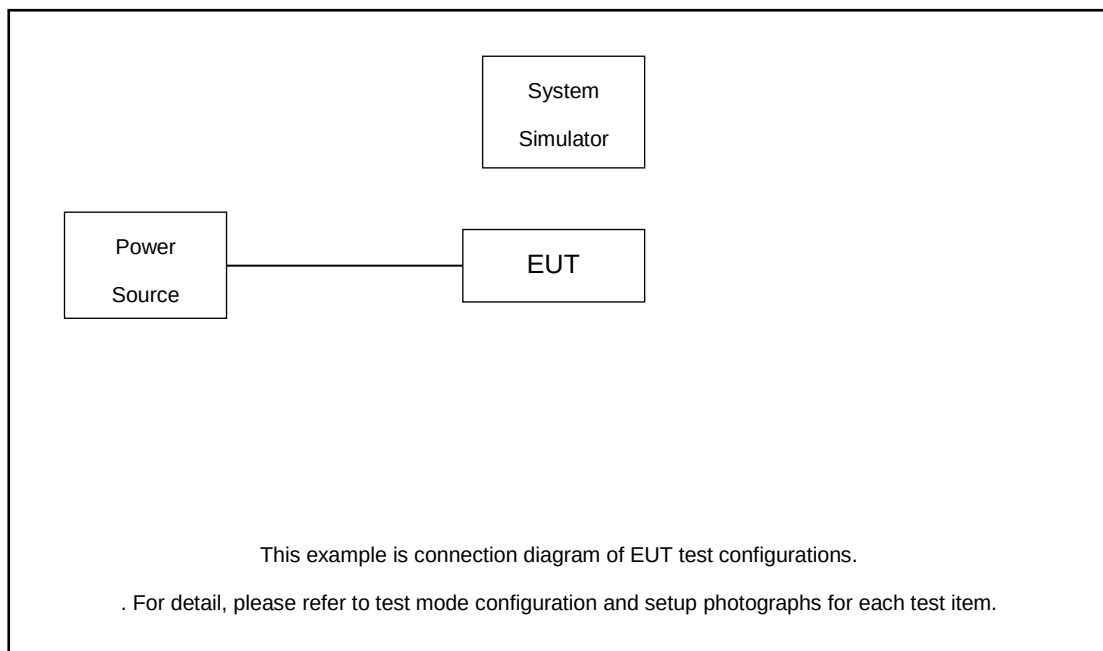
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			

Test Cases	Band	Bandwidth (MHz)	Modulation	RB #	Test Channel
		eg. 10+100M, 100+10M, 100+15, 100+20M, 100+30M, 100+40M, 100+50M, 100+60M, 100+80M, 100+90M, 15+90M, 15+100M, 20+90M, 20+100M, 30+80M, 30+90M, 30+100M, 40+80M, 40+90M, 40+100M, 50+60M, 50+80M, 50+90M, 50+100M, 60+50M, 60+60M, 60+80M, 60+90M, 60+100M, 80+30M, 80+40M, 80+50M, 80+60M, 80+80M, 80+90M, 80+100M, 90+15M, 90+20M, 90+30M, 90+40M, 90+50M, 90+60M, 90+80M, 90+90M, 90+100M,	eg. PI/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM	1RB, Partial RB, Full RB	L/M/H
Max. Output Power and E.I.R.P	n41C	All supported Bandwidth	All Modulation	1RB, Full RB	L, M, H
26dB and 99% Bandwidth	n41C	All supported Bandwidth	QPSK, 16QAM, 64QAM, 256QAM	Full RB	M
Conducted Band Edge	n41C	15+90M, 100+40M, 100+90M	PI/2 BPSK, QPSK	1RB, Full RB	L, H
Conducted Spurious Emission	n41C	15+90M, 100+40M, 100+90M	PI/2 BPSK, QPSK	1RB, Full RB	L, M, H
Radiated Spurious Emission	n41C	Worst case from maximum power			L, M, H

Note:

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

2.2 Connection Diagram of Test System



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

2.3 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model No.	FCC ID	Data Cable	Power Cord
1.	DC Power Supply	GW	GPS-3030D	N/A	N/A	Unshielded, 1.8 m
2.	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 between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

The spectrum analyzer offset is derived from RF cable loss

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 8.60dB

Example :

$$\begin{aligned} \text{Offset(dB)} &= \text{RF cable loss(dB)}. \\ &= 8.60 \text{ (dB)} \end{aligned}$$

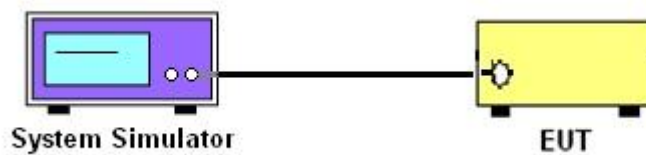
3 Conducted Test Items

3.1 Measuring Instruments

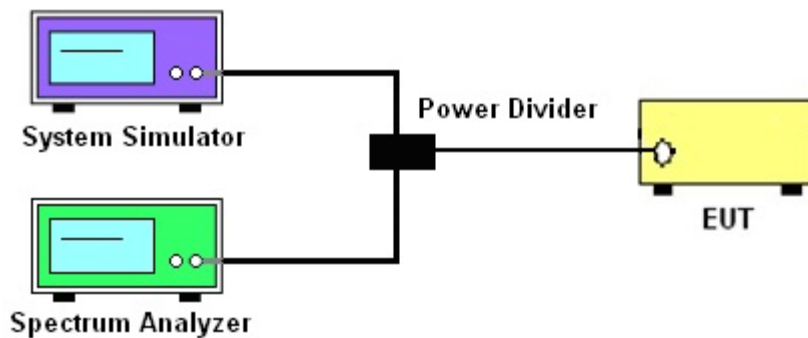
See list of measuring instruments of this test report.

3.2 Test Setup

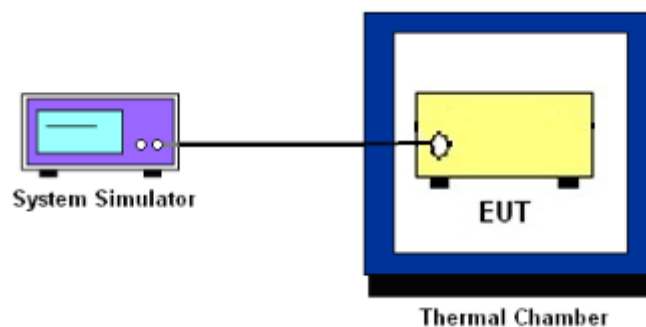
3.2.1 Conducted Output Power



3.2.2 Peak-to-Average Ratio, Occupied Bandwidth ,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 Conducted Output Power and EIRP

3.4.1 Description of the Conducted Output Power Measurement and EIRP Measurement

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

The EIRP of mobile transmitters must not exceed 2 Watts for 5G NR n41.

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T - L_C$, $ERP = EIRP - 2.15$, 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

3.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.2
2. The transmitter output port was connected to the system simulator.
3. Set EUT at maximum power through the system simulator.
4. Select lowest, middle, and highest channels for each band and different modulation.
5. Measure and record the power level from the system simulator.

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 testing follows ANSI C63.26 Section 5.2.3.4 (CCDF).
2. The EUT was connected to spectrum and system simulator via a power divider.
3. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
4. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
5. Record the deviation as Peak to Average Ratio.

3.6 Occupied Bandwidth

3.6.1 Description of Occupied Bandwidth Measurement

The 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.

The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

3.6.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.4
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be between two and five times the anticipated OBW.
4. 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.
5. Set the detection mode to peak, and the trace mode to max hold.
6. 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)
7. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
8. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “-X dB down amplitude” determined in step 6. If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
9. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.

3.7 Conducted Band Edge

3.7.1 Description of Conducted Band Edge Measurement

27.53(m)(4)

For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

3.7.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The band edges of low and high channels for the highest RF powers were measured.
4. Set RBW $\geq 1\%$ EBW in the 1MHz band immediately outside and adjacent to the band edge.
5. Beyond the 1 MHz band from the band edge, RBW=1MHz was used or a narrower RBW was used (generally limited to no less than 1% of the OBW) and the measured power was integrated over the full required measurement bandwidth.
6. Set spectrum analyzer with RMS detector.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. Checked that all the results comply with the emission limit line.

Example:

The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)

$$= P(W) - [43 + 10\log(P)] \text{ (dB)}$$

$$= [30 + 10\log(P)] \text{ (dBm)} - [43 + 10\log(P)] \text{ (dB)} = -13\text{dBm}.$$

9. For 5G NR n41, the other 40 dB, and 55 dB have additionally applied same calculation above.
10. When using the integration method, the starting frequency of the integration shall be centered at one-half of the RBW away from the band edge.

3.8 Conducted Spurious Emission

3.8.1 Description of Conducted Spurious Emission Measurement

For 5G NR n41:

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

3.8.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. 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.
4. The middle channel for the highest RF power within the transmitting frequency was measured.
5. The conducted spurious emission for the whole frequency range was taken.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
7. Set spectrum analyzer with RMS detector.
8. Taking the record of maximum spurious emission.
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

10. For 5G NR n41

The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)
= P(W)- [55+ 10log(P)] (dB)
= [30+ 10log(P)] (dBm) - [55+ 10log(P)] (dB)
= -25dBm.

3.9 Frequency Stability

3.9.1 Description of Frequency Stability Measurement

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block.

3.9.2 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 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.

3.9.3 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. For hand carried, battery powered equipment, reduce the primary ac or dc supply voltage to the battery operating end point, which shall be specified by the manufacturer.
5. The variation in frequency was measured for the worst case.

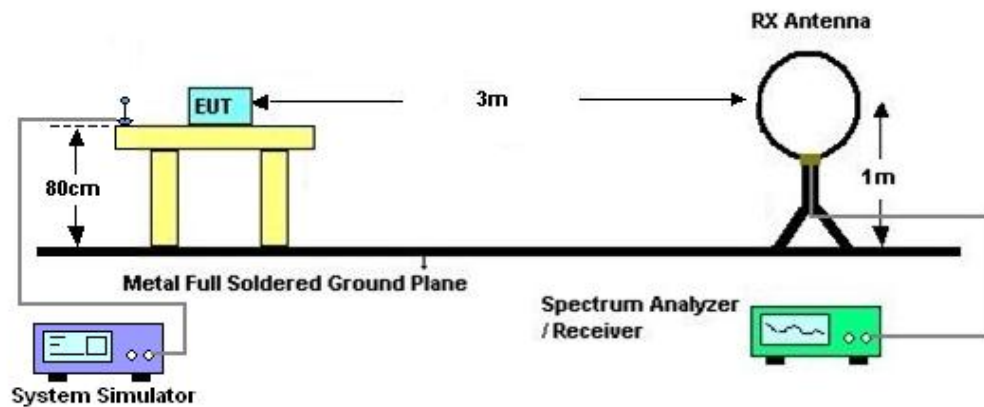
4 Radiated Test Items

4.1 Measuring Instruments

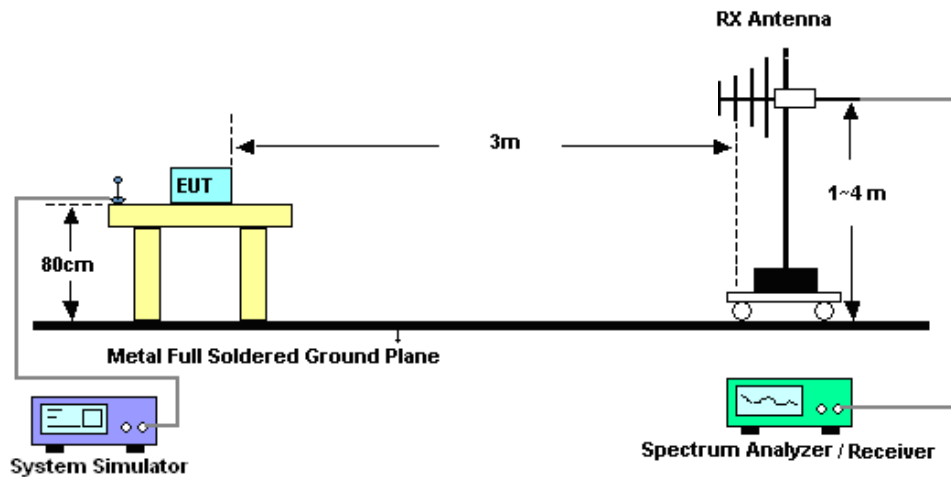
See list of measuring instruments of this test report.

4.2 Test Setup

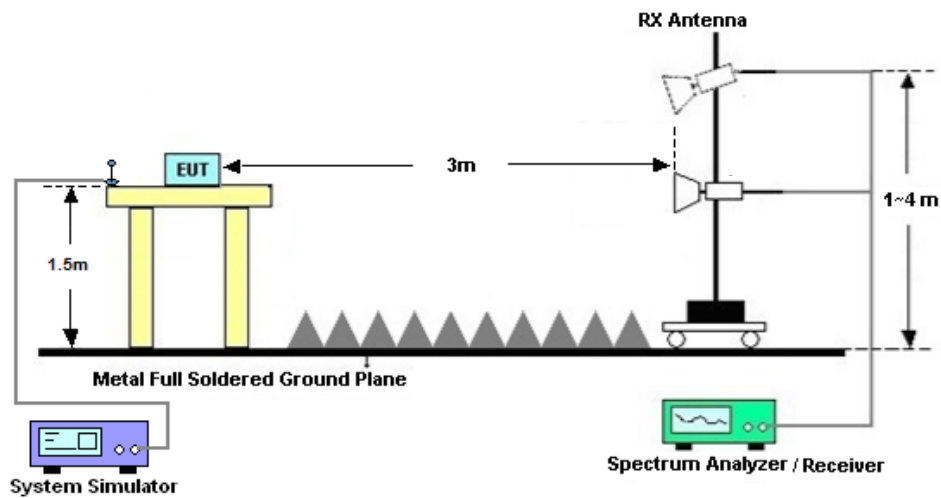
4.2.1 For radiated test below 30MHz



4.2.2 For radiated test from 30MHz to 1GHz



4.2.3 For radiated test above 1GHz



4.3 Test Result of Radiated Test

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

Please refer to Appendix B.

4.4 Radiated Spurious Emission

4.4.1 Description of Radiated Spurious Emission

The radiated spurious emission was measured by substitution method according to ANSI C63.26.

For 5G NR n41

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 $55 + 10 \log (P)$ dB.

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

4.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.5
2. The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the receiving antenna mounted on the antenna tower.
4. The table was rotated 360 degrees to determine the position of the highest spurious emission.
5. The height of the receiving antenna is varied between 1m to 4m to search the maximum spurious emission for both horizontal and vertical polarizations.
6. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
7. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
8. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
9. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
10. $EIRP \text{ (dBm)} = S.G. \text{ Power} - Tx \text{ Cable Loss} + Tx \text{ Antenna Gain}$
11. $ERP \text{ (dBm)} = EIRP - 2.15$
12. For 5G NR n41:

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



5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EXA Spectrum Analyzer	Keysight	N9010A	MY55370528	10Hz-44G,MAX 30dB	Oct. 10, 2025	Feb. 11, 2026	Oct. 09, 2026	Radiation (03CH04-KS)
Loop Antenna	R&S	HFH2-Z2E	101125	9kHz~30MHz	Aug. 10, 2025	Feb. 11, 2026	Aug. 09, 2026	Radiation (03CH04-KS)
Bilog Antenna	TeseQ	CBL6111D	44483	30MHz-1GHz	Nov. 22, 2025	Feb. 11, 2026	Nov. 21, 2026	Radiation (03CH04-KS)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00227860	1GHz~18GHz	Aug. 22, 2025	Feb. 11, 2026	Aug. 21, 2026	Radiation (03CH04-KS)
SHF-EHF Horn	Com-power	AH-840	101070	18GHz~40GHz	Jan. 10, 2026	Feb. 11, 2026	Jan. 09, 2027	Radiation (03CH04-KS)
Amplifier	SONOMA	310N	380826	9KHz-1GHz	Jul. 02, 2025	Feb. 11, 2026	Jul. 01, 2026	Radiation (03CH04-KS)
Amplifier	EM	EM18G40G A	060852	18~40GHz	Dec. 24, 2025	Feb. 11, 2026	Dec. 23, 2026	Radiation (03CH04-KS)
high gain Amplifier	EM	EM01G18G A	060890	1Ghz-18Ghz	May 23, 2025	Feb. 11, 2026	May 22, 2026	Radiation (03CH04-KS)
Amplifier	EM	EM01G18G A	060892	1Ghz-18Ghz	Oct. 11, 2025	Feb. 11, 2026	Oct. 10, 2026	Radiation (03CH04-KS)
AC Power Source	Chroma	61601	F104090004	N/A	NCR	Feb. 11, 2026	NCR	Radiation (03CH04-KS)
Turn Table	ChamPro	EM 1000-T	060762-T	0~360 degree	NCR	Feb. 11, 2026	NCR	Radiation (03CH04-KS)
Antenna Mast	ChamPro	EM 1000-A	060762-A	1 m~4 m	NCR	Feb. 11, 2026	NCR	Radiation (03CH04-KS)
Spectrum Analyzer	R&S	FSV40	101040	10Hz~40GHz	Jul. 07, 2025	Feb. 05, 2026~ Feb. 08, 2026	Jul. 06, 2026	Conducted (TH01-KS)
Power divider	STI	STI08-0055	-	0.5~40GHz	NCR	Feb. 05, 2026~ Feb. 08, 2026	NCR	Conducted (TH01-KS)
Temperature & humidity chamber	Hongzhan	LP-150U	H2014011440	-40~+150°C 20%~95%RH	Jul. 02, 2025	Feb. 05, 2026~ Feb. 08, 2026	Jul. 01, 2026	Conducted (TH01-KS)

NCR: No Calibration Required

6 Measurement Uncertainty

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

Uncertainty of Conducted Measurement

Conducted Spurious Emission & Bandedge	±2.00 dB
Occupied Channel Bandwidth	±0.384%
Conducted Power	±0.90 dB
Peak to Average Ratio	±0.90 dB
Frequency Stability	±0.38 ppm

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

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.83dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

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



Appendix A. Test Results of Conducted Test

Test Engineer :	Smile Wang	Temperature :	22~23℃
		Relative Humidity :	40~42%

FR1 n41C _ANT1

Transmitter Conducted Output Power And EIRP, (GT - LC)=-1.7 dB

NR	SCS	Bandwidth	PCC	SCC	Modulation	PCC RB	SCC	PCC	SCC	Conducted	EIRP	EIRP
Band	(kHz)	(MHz)	Arfcn	Arfcn			RB	Power(dBm)	Power(dBm)	Power(dBm)	(dBm)	(W)
41C	30	100+90	509202	528186	DFT-s BPSK	144@129	108@0	19.76	20.32	23.06	21.36	0.1368
41C	30	100+90	509202	528186	DFT-s BPSK	1@174	1@70	19.07	18.81	21.95	20.25	0.1060
41C	30	100+90	509202	528186	DFT-s QPSK	144@129	108@0	20.17	20.42	23.31	21.61	0.1448
41C	30	100+90	509202	528186	DFT-s QPSK	1@174	1@70	19.17	18.95	22.07	20.37	0.1089
41C	30	100+90	509202	528186	DFT-s 16 QAM	144@129	108@0	20.49	19.56	23.06	21.36	0.1368
41C	30	100+90	509202	528186	DFT-s 16 QAM	1@174	1@70	18.77	19.09	21.94	20.24	0.1058
41C	30	100+90	509202	528186	DFT-s 64 QAM	144@129	108@0	19.81	17.74	21.91	20.21	0.1049
41C	30	100+90	509202	528186	DFT-s 64 QAM	1@174	1@70	17.40	17.95	20.69	18.99	0.0793
41C	30	100+90	509202	528186	DFT-s 256 QAM	144@129	108@0	16.19	15.67	18.95	17.25	0.0531
41C	30	100+90	509202	528186	DFT-s 256 QAM	1@174	1@70	15.69	16.66	19.21	17.51	0.0564
41C	30	100+90	509202	528186	CP-OFDM QPSK	144@129	114@0	19.39	19.84	22.63	20.93	0.1239
41C	30	100+90	509202	528186	CP-OFDM QPSK	1@174	1@70	19.61	18.07	21.92	20.22	0.1052
41C	30	100+90	509598	528582	DFT-s BPSK	144@129	108@0	20.19	19.68	22.95	21.25	0.1334
41C	30	100+90	509598	528582	DFT-s BPSK	1@174	1@70	19.48	18.16	21.88	20.18	0.1042
41C	30	100+90	509598	528582	DFT-s QPSK	144@129	108@0	20.69	20.30	23.51	21.81	0.1517
41C	30	100+90	509598	528582	DFT-s QPSK	1@174	1@70	19.62	18.15	21.95	20.25	0.1060
41C	30	100+90	509598	528582	DFT-s 16 QAM	144@129	108@0	20.22	19.87	23.06	21.36	0.1367
41C	30	100+90	509598	528582	DFT-s 16 QAM	1@174	1@70	19.93	18.24	22.18	20.48	0.1116
41C	30	100+90	509598	528582	DFT-s 64 QAM	144@129	108@0	18.43	17.90	21.18	19.48	0.0888
41C	30	100+90	509598	528582	DFT-s 64 QAM	1@174	1@70	17.56	17.94	20.76	19.06	0.0806
41C	30	100+90	509598	528582	DFT-s 256 QAM	144@129	108@0	16.25	15.89	19.08	17.38	0.0548
41C	30	100+90	509598	528582	DFT-s 256 QAM	1@174	1@70	15.68	16.78	19.28	17.58	0.0572
41C	30	100+90	509598	528582	CP-OFDM QPSK	144@129	114@0	19.40	19.92	22.68	20.98	0.1253
41C	30	100+90	509598	528582	CP-OFDM QPSK	1@174	1@70	19.67	18.14	21.98	20.28	0.1067
41C	30	100+90	510012	528996	DFT-s BPSK	144@129	108@0	20.22	19.80	23.03	21.33	0.1357
41C	30	100+90	510012	528996	DFT-s BPSK	1@174	1@70	19.49	18.03	21.83	20.13	0.1031
41C	30	100+90	510012	528996	DFT-s QPSK	144@129	108@0	20.30	19.81	23.07	21.37	0.1372
41C	30	100+90	510012	528996	DFT-s QPSK	1@174	1@70	19.56	18.18	21.93	20.23	0.1056
41C	30	100+90	510012	528996	DFT-s 16 QAM	144@129	108@0	20.38	19.84	23.13	21.43	0.1390
41C	30	100+90	510012	528996	DFT-s 16 QAM	1@174	1@70	19.73	18.05	21.98	20.28	0.1067
41C	30	100+90	510012	528996	DFT-s	144@129	108@0	18.32	17.77	21.06	19.36	0.0864



					64 QAM							
41C	30	100+90	510012	528996	DFT-s 64 QAM	1@174	1@70	17.33	17.82	20.59	18.89	0.0775
41C	30	100+90	510012	528996	DFT-s 256 QAM	144@129	108@0	16.28	15.80	19.06	17.36	0.0544
41C	30	100+90	510012	528996	DFT-s 256 QAM	1@174	1@70	15.74	16.83	19.33	17.63	0.0579
41C	30	100+90	510012	528996	CP-OFDM QPSK	144@129	114@0	19.38	19.69	22.55	20.85	0.1216
41C	30	100+90	510012	528996	CP-OFDM QPSK	1@174	1@70	19.61	18.13	21.94	20.24	0.1058
41C	30	90+100	508200	527184	DFT-s QPSK	108@137	144@0	19.99	20.11	23.06	21.36	0.1368
41C	30	90+100	508200	527184	DFT-s 16 QAM	108@137	144@0	20.00	19.95	22.99	21.29	0.1344
41C	30	90+100	508602	527586	DFT-s QPSK	108@137	144@0	20.15	20.02	23.10	21.40	0.1379
41C	30	90+100	508602	527586	DFT-s 16 QAM	108@137	144@0	20.12	19.82	22.98	21.28	0.1344
41C	30	90+100	509016	528000	DFT-s QPSK	108@137	144@0	20.09	20.15	23.13	21.43	0.1390
41C	30	90+100	509016	528000	DFT-s 16 QAM	108@137	144@0	20.01	19.80	22.92	21.22	0.1323
41C	30	100+80	509202	527178	DFT-s QPSK	150@123	90@0	20.50	19.78	23.17	21.47	0.1401
41C	30	100+80	509202	527178	DFT-s 16 QAM	150@123	90@0	20.50	19.63	23.10	21.40	0.1379
41C	30	100+80	510600	528576	DFT-s QPSK	150@123	90@0	20.46	19.89	23.19	21.49	0.1411
41C	30	100+80	510600	528576	DFT-s 16 QAM	150@123	90@0	20.67	19.58	23.17	21.47	0.1403
41C	30	100+80	512022	529998	DFT-s QPSK	150@123	90@0	20.57	19.69	23.16	21.46	0.1400
41C	30	100+80	512022	529998	DFT-s 16 QAM	150@123	90@0	20.50	19.67	23.12	21.42	0.1385
41C	30	80+100	507204	525180	DFT-s QPSK	96@121	144@0	19.85	20.35	23.12	21.42	0.1386
41C	30	80+100	507204	525180	DFT-s 16 QAM	96@121	144@0	19.76	20.37	23.09	21.39	0.1376
41C	30	80+100	508602	526578	DFT-s QPSK	96@121	144@0	19.74	20.35	23.07	21.37	0.1370
41C	30	80+100	508602	526578	DFT-s 16 QAM	96@121	144@0	19.50	20.29	22.92	21.22	0.1325
41C	30	80+100	510024	528000	DFT-s QPSK	96@121	144@0	19.74	20.43	23.11	21.41	0.1383
41C	30	80+100	510024	528000	DFT-s 16 QAM	96@121	144@0	19.77	20.21	23.01	21.31	0.1351
41C	30	90+90	508200	526200	DFT-s QPSK	120@125	120@0	19.81	20.31	23.08	21.38	0.1373
41C	30	90+90	508200	526200	DFT-s 16 QAM	120@125	120@0	19.67	20.23	22.97	21.27	0.1339
41C	30	90+90	509598	527598	DFT-s QPSK	120@125	120@0	19.70	20.32	23.03	21.33	0.1359
41C	30	90+90	509598	527598	DFT-s 16 QAM	120@125	120@0	19.52	20.40	22.99	21.29	0.1347
41C	30	90+90	510996	528996	DFT-s QPSK	120@125	120@0	19.91	20.36	23.15	21.45	0.1397
41C	30	90+90	510996	528996	DFT-s 16 QAM	120@125	120@0	19.86	20.32	23.11	21.41	0.1382
41C	30	90+80	508200	525192	DFT-s QPSK	128@117	100@0	20.02	20.16	23.10	21.40	0.1381
41C	30	90+80	508200	525192	DFT-s 16 QAM	128@117	100@0	19.94	20.16	23.06	21.36	0.1368
41C	30	90+80	510600	527592	DFT-s QPSK	128@117	100@0	19.68	20.40	23.07	21.37	0.1369
41C	30	90+80	510600	527592	DFT-s 16 QAM	128@117	100@0	19.62	20.29	22.98	21.28	0.1342
41C	30	90+80	513006	529998	DFT-s QPSK	128@117	100@0	20.13	20.18	23.17	21.47	0.1401
41C	30	90+80	513006	529998	DFT-s	128@117	100@0	19.97	19.90	22.95	21.25	0.1332



					16 QAM							
41C	30	80+90	507204	524196	DFT-s QPSK	100@117	128@0	20.07	20.17	23.13	21.43	0.1390
41C	30	80+90	507204	524196	DFT-s 16 QAM	100@117	128@0	20.05	20.17	23.12	21.42	0.1387
41C	30	80+90	509598	526590	DFT-s QPSK	100@117	128@0	20.14	20.21	23.19	21.49	0.1408
41C	30	80+90	509598	526590	DFT-s 16 QAM	100@117	128@0	19.73	20.07	22.91	21.21	0.1322
41C	30	80+90	512004	528996	DFT-s QPSK	100@117	128@0	20.07	20.20	23.15	21.45	0.1395
41C	30	80+90	512004	528996	DFT-s 16 QAM	100@117	128@0	19.97	19.87	22.93	21.23	0.1328
41C	30	100+60	509202	525162	DFT-s QPSK	162@111	54@0	20.24	19.90	23.08	21.38	0.1375
41C	30	100+60	509202	525162	DFT-s 16 QAM	162@111	54@0	20.21	19.62	22.94	21.24	0.1329
41C	30	100+60	512598	528558	DFT-s QPSK	162@111	54@0	20.11	20.02	23.08	21.38	0.1373
41C	30	100+60	512598	528558	DFT-s 16 QAM	162@111	54@0	20.17	19.92	23.06	21.36	0.1367
41C	30	100+60	516036	531996	DFT-s QPSK	162@111	54@0	20.04	20.24	23.15	21.45	0.1397
41C	30	100+60	516036	531996	DFT-s 16 QAM	162@111	54@0	19.94	19.99	22.98	21.28	0.1341
41C	30	60+100	505200	521160	DFT-s QPSK	54@108	162@0	19.55	20.71	23.18	21.48	0.1406
41C	30	60+100	505200	521160	DFT-s 16 QAM	54@108	162@0	19.53	20.56	23.09	21.39	0.1376
41C	30	60+100	508602	524562	DFT-s QPSK	54@108	162@0	20.12	20.26	23.20	21.50	0.1413
41C	30	60+100	508602	524562	DFT-s 16 QAM	54@108	162@0	20.06	19.84	22.96	21.26	0.1337
41C	30	60+100	512040	528000	DFT-s QPSK	54@108	162@0	20.01	20.06	23.05	21.35	0.1363
41C	30	60+100	512040	528000	DFT-s 16 QAM	54@108	162@0	19.71	19.89	22.81	21.11	0.1292
41C	30	80+80	507204	523200	DFT-s QPSK	108@109	108@0	20.51	19.88	23.22	21.52	0.1418
41C	30	80+80	507204	523200	DFT-s 16 QAM	108@109	108@0	20.21	19.59	22.92	21.22	0.1325
41C	30	80+80	510600	526596	DFT-s QPSK	108@109	108@0	20.78	19.80	23.33	21.63	0.1455
41C	30	80+80	510600	526596	DFT-s 16 QAM	108@109	108@0	20.67	19.71	23.23	21.53	0.1421
41C	30	80+80	514002	529998	DFT-s QPSK	108@109	108@0	20.71	19.65	23.22	21.52	0.1420
41C	30	80+80	514002	529998	DFT-s 16 QAM	108@109	108@0	20.69	19.66	23.22	21.52	0.1418
41C	30	100+50	509202	524154	DFT-s QPSK	162@111	32@0	20.58	19.68	23.16	21.46	0.1401
41C	30	100+50	509202	524154	DFT-s 16 QAM	162@111	32@0	20.36	19.51	22.97	21.27	0.1338
41C	30	100+50	513600	528552	DFT-s QPSK	162@111	32@0	20.45	19.70	23.10	21.40	0.1381
41C	30	100+50	513600	528552	DFT-s 16 QAM	162@111	32@0	20.24	19.44	22.87	21.17	0.1309
41C	30	100+50	518046	532998	DFT-s QPSK	162@111	32@0	20.49	19.71	23.13	21.43	0.1389
41C	30	100+50	518046	532998	DFT-s 16 QAM	162@111	32@0	20.18	19.51	22.87	21.17	0.1309
41C	30	50+100	504204	519156	DFT-s QPSK	32@101	162@0	20.12	20.04	23.09	21.39	0.1377
41C	30	50+100	504204	519156	DFT-s 16 QAM	32@101	162@0	19.29	19.74	22.53	20.83	0.1211
41C	30	50+100	508602	523554	DFT-s QPSK	32@101	162@0	20.18	20.00	23.10	21.40	0.1381
41C	30	50+100	508602	523554	DFT-s 16 QAM	32@101	162@0	20.09	19.91	23.01	21.31	0.1352
41C	30	50+100	513048	528000	DFT-s	32@101	162@0	19.99	20.11	23.06	21.36	0.1368



					QPSK							
41C	30	50+100	513048	528000	DFT-s 16 QAM	32@101	162@0	19.78	19.95	22.88	21.18	0.1311
41C	30	90+60	508200	523176	DFT-s QPSK	144@101	54@0	19.81	20.59	23.23	21.53	0.1422
41C	30	90+60	508200	523176	DFT-s 16 QAM	144@101	54@0	19.86	20.51	23.21	21.51	0.1415
41C	30	90+60	512598	527574	DFT-s QPSK	144@101	54@0	20.15	20.18	23.18	21.48	0.1405
41C	30	90+60	512598	527574	DFT-s 16 QAM	144@101	54@0	19.88	19.83	22.87	21.17	0.1308
41C	30	90+60	517020	531996	DFT-s QPSK	144@101	54@0	20.02	20.27	23.16	21.46	0.1399
41C	30	90+60	517020	531996	DFT-s 16 QAM	144@101	54@0	19.74	20.01	22.89	21.19	0.1314
41C	30	60+90	505200	520176	DFT-s QPSK	54@108	144@0	19.80	20.55	23.20	21.50	0.1413
41C	30	60+90	505200	520176	DFT-s 16 QAM	54@108	144@0	19.66	20.47	23.09	21.39	0.1379
41C	30	60+90	509598	524574	DFT-s QPSK	54@108	144@0	19.92	20.21	23.08	21.38	0.1373
41C	30	60+90	509598	524574	DFT-s 16 QAM	54@108	144@0	20.12	19.95	23.05	21.35	0.1363
41C	30	60+90	514020	528996	DFT-s QPSK	54@108	144@0	20.15	20.13	23.15	21.45	0.1396
41C	30	60+90	514020	528996	DFT-s 16 QAM	54@108	144@0	19.85	19.82	22.85	21.15	0.1302
41C	30	100+40	509202	523146	DFT-s QPSK	180@93	6@0	20.34	19.94	23.15	21.45	0.1398
41C	30	100+40	509202	523146	DFT-s 16 QAM	180@93	6@0	20.31	19.85	23.10	21.40	0.1379
41C	30	100+40	514602	528546	DFT-s QPSK	180@93	6@0	20.61	19.76	23.22	21.52	0.1418
41C	30	100+40	514602	528546	DFT-s 16 QAM	180@93	6@0	20.57	19.75	23.19	21.49	0.1409
41C	30	100+40	520056	534000	DFT-s QPSK	180@93	6@0	20.45	19.78	23.14	21.44	0.1393
41C	30	100+40	520056	534000	DFT-s 16 QAM	180@93	6@0	20.33	19.60	22.99	21.29	0.1346
41C	30	40+100	503202	517146	DFT-s QPSK	6@100	180@0	20.38	20.22	23.31	21.61	0.1449
41C	30	40+100	503202	517146	DFT-s 16 QAM	6@100	180@0	20.20	20.00	23.11	21.41	0.1384
41C	30	40+100	508602	522546	DFT-s QPSK	6@100	180@0	20.16	20.16	23.17	21.47	0.1403
41C	30	40+100	508602	522546	DFT-s 16 QAM	6@100	180@0	20.07	19.82	22.96	21.26	0.1336
41C	30	40+100	514056	528000	DFT-s QPSK	6@100	180@0	20.13	20.18	23.17	21.47	0.1401
41C	30	40+100	514056	528000	DFT-s 16 QAM	6@100	180@0	20.08	19.85	22.98	21.28	0.1342
41C	30	100+30	509202	522186	DFT-s QPSK	162@108	0@0	23.27	-19.17	23.27	21.57	0.1436
41C	30	100+30	509202	522186	DFT-s 16 QAM	162@108	0@0	23.01	-21.72	23.01	21.31	0.1352
41C	30	100+30	515598	528582	DFT-s QPSK	162@108	0@0	20.50	-19.77	20.50	18.80	0.0759
41C	30	100+30	515598	528582	DFT-s 16 QAM	162@108	0@0	20.48	-21.70	20.48	18.78	0.0755
41C	30	100+30	522012	534996	DFT-s QPSK	162@108	0@0	20.53	-19.59	20.53	18.83	0.0764
41C	30	100+30	522012	534996	DFT-s 16 QAM	162@108	0@0	20.29	-21.74	20.29	18.59	0.0723
41C	30	30+100	502200	515184	DFT-s QPSK	0@0	162@3	-20.47	23.29	23.29	21.59	0.1442
41C	30	30+100	502200	515184	DFT-s 16 QAM	0@0	162@3	-18.73	23.13	23.13	21.43	0.1390
41C	30	30+100	508602	521586	DFT-s QPSK	0@0	162@3	-20.25	23.14	23.14	21.44	0.1393
41C	30	30+100	508602	521586	DFT-s	0@0	162@3	-17.23	23.08	23.08	21.38	0.1374



					16 QAM							
41C	30	30+100	515016	528000	DFT-s QPSK	0@0	162@3	-20.60	23.33	23.33	21.63	0.1456
41C	30	30+100	515016	528000	DFT-s 16 QAM	0@0	162@3	-19.29	23.17	23.17	21.47	0.1403
41C	30	90+50	508200	522168	DFT-s QPSK	150@95	36@0	20.19	20.27	23.24	21.54	0.1426
41C	30	90+50	508200	522168	DFT-s 16 QAM	150@95	36@0	20.12	19.90	23.02	21.32	0.1356
41C	30	90+50	513600	527568	DFT-s QPSK	150@95	36@0	20.19	20.16	23.19	21.49	0.1408
41C	30	90+50	513600	527568	DFT-s 16 QAM	150@95	36@0	20.12	20.02	23.08	21.38	0.1374
41C	30	90+50	519030	532998	DFT-s QPSK	150@95	36@0	20.10	20.15	23.14	21.44	0.1392
41C	30	90+50	519030	532998	DFT-s 16 QAM	150@95	36@0	19.67	19.87	22.78	21.08	0.1283
41C	30	50+90	504204	518172	DFT-s QPSK	36@97	150@0	20.30	20.39	23.36	21.66	0.1464
41C	30	50+90	504204	518172	DFT-s 16 QAM	36@97	150@0	19.90	20.12	23.02	21.32	0.1356
41C	30	50+90	509598	523566	DFT-s QPSK	36@97	150@0	20.00	20.07	23.05	21.35	0.1363
41C	30	50+90	509598	523566	DFT-s 16 QAM	36@97	150@0	20.09	19.80	22.96	21.26	0.1336
41C	30	50+90	515028	528996	DFT-s QPSK	36@97	150@0	20.15	20.22	23.20	21.50	0.1411
41C	30	50+90	515028	528996	DFT-s 16 QAM	36@97	150@0	19.99	19.98	23.00	21.30	0.1348
41C	30	80+60	507204	521184	DFT-s QPSK	120@97	64@0	20.28	20.08	23.19	21.49	0.1410
41C	30	80+60	507204	521184	DFT-s 16 QAM	120@97	64@0	20.13	19.97	23.06	21.36	0.1368
41C	30	80+60	512598	526578	DFT-s QPSK	120@97	64@0	20.12	20.25	23.20	21.50	0.1411
41C	30	80+60	512598	526578	DFT-s 16 QAM	120@97	64@0	20.09	19.92	23.02	21.32	0.1354
41C	30	80+60	518016	531996	DFT-s QPSK	120@97	64@0	20.03	20.19	23.12	21.42	0.1387
41C	30	80+60	518016	531996	DFT-s 16 QAM	120@97	64@0	20.14	19.85	23.01	21.31	0.1351
41C	30	60+80	505200	519180	DFT-s QPSK	64@98	120@0	20.53	20.00	23.28	21.58	0.1440
41C	30	60+80	505200	519180	DFT-s 16 QAM	64@98	120@0	20.28	19.86	23.09	21.39	0.1376
41C	30	60+80	510600	524580	DFT-s QPSK	64@98	120@0	20.43	19.62	23.05	21.35	0.1366
41C	30	60+80	510600	524580	DFT-s 16 QAM	64@98	120@0	20.35	19.67	23.03	21.33	0.1359
41C	30	60+80	516018	529998	DFT-s QPSK	64@98	120@0	20.36	19.77	23.09	21.39	0.1376
41C	30	60+80	516018	529998	DFT-s 16 QAM	64@98	120@0	20.09	19.65	22.89	21.19	0.1314
41C	30	90+40	508200	521160	DFT-s QPSK	160@85	10@0	20.88	19.48	23.25	21.55	0.1428
41C	30	90+40	508200	521160	DFT-s 16 QAM	160@85	10@0	20.80	19.28	23.12	21.42	0.1386
41C	30	90+40	514602	527562	DFT-s QPSK	160@85	10@0	20.71	19.71	23.25	21.55	0.1429
41C	30	90+40	514602	527562	DFT-s 16 QAM	160@85	10@0	20.67	19.60	23.18	21.48	0.1405
41C	30	90+40	521040	534000	DFT-s QPSK	160@85	10@0	20.41	19.80	23.13	21.43	0.1389
41C	30	90+40	521040	534000	DFT-s 16 QAM	160@85	10@0	20.34	19.60	23.00	21.30	0.1348
41C	30	40+90	503202	516162	DFT-s QPSK	20@86	150@0	19.95	20.64	23.32	21.62	0.1452
41C	30	40+90	503202	516162	DFT-s 16 QAM	20@86	150@0	19.75	20.53	23.17	21.47	0.1402
41C	30	40+90	509598	522558	DFT-s	20@86	150@0	19.98	20.14	23.07	21.37	0.1371



					QPSK							
41C	30	40+90	509598	522558	DFT-s 16 QAM	20@86	150@0	19.70	19.85	22.79	21.09	0.1284
41C	30	40+90	516036	528996	DFT-s QPSK	20@86	150@0	20.11	20.10	23.12	21.42	0.1385
41C	30	40+90	516036	528996	DFT-s 16 QAM	20@86	150@0	20.07	19.94	23.02	21.32	0.1354
41C	30	80+50	507204	520176	DFT-s QPSK	128@89	45@0	20.75	19.75	23.29	21.59	0.1442
41C	30	80+50	507204	520176	DFT-s 16 QAM	128@89	45@0	20.63	19.65	23.18	21.48	0.1405
41C	30	80+50	513600	526572	DFT-s QPSK	128@89	45@0	20.58	19.74	23.19	21.49	0.1409
41C	30	80+50	513600	526572	DFT-s 16 QAM	128@89	45@0	20.58	19.65	23.15	21.45	0.1396
41C	30	80+50	520026	532998	DFT-s QPSK	128@89	45@0	20.54	19.82	23.21	21.51	0.1414
41C	30	80+50	520026	532998	DFT-s 16 QAM	128@89	45@0	20.43	19.57	23.03	21.33	0.1359
41C	30	50+80	504204	517176	DFT-s QPSK	45@88	128@0	20.27	20.50	23.40	21.70	0.1478
41C	30	50+80	504204	517176	DFT-s 16 QAM	45@88	128@0	20.05	20.19	23.13	21.43	0.1390
41C	30	50+80	510600	523572	DFT-s QPSK	45@88	128@0	20.42	20.40	23.42	21.72	0.1486
41C	30	50+80	510600	523572	DFT-s 16 QAM	45@88	128@0	19.97	20.32	23.16	21.46	0.1399
41C	30	50+80	517026	529998	DFT-s QPSK	45@88	128@0	20.28	20.50	23.40	21.70	0.1480
41C	30	50+80	517026	529998	DFT-s 16 QAM	45@88	128@0	19.89	20.31	23.12	21.42	0.1385
41C	30	80+30	507204	518172	DFT-s QPSK	144@73	2@0	20.98	19.77	23.43	21.73	0.1488
41C	30	80+30	507204	518172	DFT-s 16 QAM	144@73	2@0	20.79	19.69	23.29	21.59	0.1440
41C	30	80+30	515598	526566	DFT-s QPSK	144@73	2@0	20.72	20.19	23.47	21.77	0.1504
41C	30	80+30	515598	526566	DFT-s 16 QAM	144@73	2@0	20.61	19.98	23.32	21.62	0.1451
41C	30	80+30	524028	534996	DFT-s QPSK	144@73	2@0	20.38	20.09	23.25	21.55	0.1428
41C	30	80+30	524028	534996	DFT-s 16 QAM	144@73	2@0	20.41	19.99	23.22	21.52	0.1418
41C	30	30+80	502200	513168	DFT-s QPSK	3@75	128@0	19.88	20.45	23.18	21.48	0.1408
41C	30	30+80	502200	513168	DFT-s 16 QAM	3@75	128@0	19.83	20.33	23.10	21.40	0.1380
41C	30	30+80	510600	521568	DFT-s QPSK	3@75	128@0	19.82	20.45	23.16	21.46	0.1399
41C	30	30+80	510600	521568	DFT-s 16 QAM	3@75	128@0	19.70	20.33	23.04	21.34	0.1360
41C	30	30+80	519030	529998	DFT-s QPSK	3@75	128@0	19.68	20.56	23.15	21.45	0.1397
41C	30	30+80	519030	529998	DFT-s 16 QAM	3@75	128@0	19.60	20.47	23.07	21.37	0.1370
41C	30	100+20	509202	521190	DFT-s QPSK	162@81	0@0	23.38	-21.72	23.38	21.68	0.1472
41C	30	100+20	509202	521190	DFT-s 16 QAM	162@81	0@0	23.28	-22.93	23.28	21.58	0.1439
41C	30	100+20	516600	528588	DFT-s QPSK	162@81	0@0	23.39	-21.80	23.39	21.69	0.1476
41C	30	100+20	516600	528588	DFT-s 16 QAM	162@81	0@0	23.09	-23.91	23.09	21.39	0.1377
41C	30	100+20	524010	535998	DFT-s QPSK	162@81	0@0	23.45	-21.76	23.45	21.75	0.1496
41C	30	100+20	524010	535998	DFT-s 16 QAM	162@81	0@0	23.21	-22.88	23.21	21.51	0.1416
41C	30	20+100	501204	513192	DFT-s QPSK	0@0	162@30	-23.07	23.24	23.24	21.54	0.1426
41C	30	20+100	501204	513192	DFT-s	0@0	162@30	-21.25	23.15	23.15	21.45	0.1396



					16 QAM							
41C	30	20+100	508602	520590	DFT-s QPSK	0@0	162@30	-22.96	23.29	23.29	21.59	0.1442
41C	30	20+100	508602	520590	DFT-s 16 QAM	0@0	162@30	-21.18	23.28	23.28	21.58	0.1439
41C	30	20+100	516012	528000	DFT-s QPSK	0@0	162@30	-23.24	23.09	23.09	21.39	0.1377
41C	30	20+100	516012	528000	DFT-s 16 QAM	0@0	162@30	-21.35	23.04	23.04	21.34	0.1361
41C	30	80+40	507204	519168	DFT-s QPSK	135@82	24@0	20.27	20.08	23.19	21.49	0.1408
41C	30	80+40	507204	519168	DFT-s 16 QAM	135@82	24@0	20.27	19.84	23.07	21.37	0.1371
41C	30	80+40	514602	526566	DFT-s QPSK	135@82	24@0	20.19	20.08	23.15	21.45	0.1395
41C	30	80+40	514602	526566	DFT-s 16 QAM	135@82	24@0	20.01	19.89	22.96	21.26	0.1337
41C	30	80+40	522036	534000	DFT-s QPSK	135@82	24@0	20.32	20.09	23.22	21.52	0.1418
41C	30	80+40	522036	534000	DFT-s 16 QAM	135@82	24@0	20.22	19.88	23.06	21.36	0.1369
41C	30	40+80	503202	515166	DFT-s QPSK	25@81	135@0	19.82	20.60	23.24	21.54	0.1425
41C	30	40+80	503202	515166	DFT-s 16 QAM	25@81	135@0	19.58	20.44	23.04	21.34	0.1362
41C	30	40+80	510600	522564	DFT-s QPSK	25@81	135@0	19.73	20.65	23.22	21.52	0.1421
41C	30	40+80	510600	522564	DFT-s 16 QAM	25@81	135@0	19.66	20.35	23.03	21.33	0.1358
41C	30	40+80	518034	529998	DFT-s QPSK	25@81	135@0	19.78	20.61	23.23	21.53	0.1421
41C	30	40+80	518034	529998	DFT-s 16 QAM	25@81	135@0	19.88	20.47	23.20	21.50	0.1411
41C	30	60+60	505200	517200	DFT-s QPSK	81@81	81@0	19.89	20.71	23.33	21.63	0.1455
41C	30	60+60	505200	517200	DFT-s 16 QAM	81@81	81@0	19.80	20.56	23.21	21.51	0.1415
41C	30	60+60	512598	524598	DFT-s QPSK	81@81	81@0	19.73	20.55	23.17	21.47	0.1403
41C	30	60+60	512598	524598	DFT-s 16 QAM	81@81	81@0	19.60	20.42	23.04	21.34	0.1361
41C	30	60+60	519996	531996	DFT-s QPSK	81@81	81@0	19.87	20.55	23.23	21.53	0.1424
41C	30	60+60	519996	531996	DFT-s 16 QAM	81@81	81@0	19.73	20.32	23.05	21.35	0.1363
41C	30	100+15	509202	520626	DFT-s QPSK	150@86	0@0	23.35	-23.67	23.35	21.65	0.1462
41C	30	100+15	509202	520626	DFT-s 16 QAM	150@86	0@0	23.29	-24.11	23.29	21.59	0.1442
41C	30	100+15	517098	528522	DFT-s QPSK	150@86	0@0	23.36	-23.78	23.36	21.66	0.1466
41C	30	100+15	517098	528522	DFT-s 16 QAM	150@86	0@0	23.19	-24.89	23.19	21.49	0.1409
41C	30	100+15	525072	536496	DFT-s QPSK	150@86	0@0	23.42	-23.84	23.42	21.72	0.1486
41C	30	100+15	525072	536496	DFT-s 16 QAM	150@86	0@0	23.20	-24.53	23.20	21.50	0.1413
41C	30	15+100	500700	512124	DFT-s QPSK	0@0	150@37	-19.65	23.16	23.16	21.46	0.1400
41C	30	15+100	500700	512124	DFT-s 16 QAM	0@0	150@37	-21.96	23.11	23.11	21.41	0.1384
41C	30	15+100	508602	520026	DFT-s QPSK	0@0	150@37	-20.49	23.20	23.20	21.50	0.1413
41C	30	15+100	508602	520026	DFT-s 16 QAM	0@0	150@37	-22.03	23.09	23.09	21.39	0.1377
41C	30	15+100	516576	528000	DFT-s QPSK	0@0	150@37	-19.56	23.21	23.21	21.51	0.1416
41C	30	15+100	516576	528000	DFT-s 16 QAM	0@0	150@37	-20.78	23.17	23.17	21.47	0.1403
41C	30	100+10	509202	520122	DFT-s	144@81	0@0	23.42	-23.08	23.42	21.72	0.1486



					QPSK							
41C	30	100+10	509202	520122	DFT-s 16 QAM	144@81	0@0	23.35	-23.22	23.35	21.65	0.1462
41C	30	100+10	517600	528520	DFT-s QPSK	144@81	0@0	23.22	-21.72	23.22	21.52	0.1419
41C	30	100+10	517600	528520	DFT-s 16 QAM	144@81	0@0	23.17	-22.80	23.17	21.47	0.1403
41C	30	100+10	526080	537000	DFT-s QPSK	144@81	0@0	23.39	-21.73	23.39	21.69	0.1476
41C	30	100+10	526080	537000	DFT-s 16 QAM	144@81	0@0	23.33	-22.94	23.33	21.63	0.1455
41C	30	10+100	500202	511122	DFT-s QPSK	0@0	144@48	-26.24	23.21	23.21	21.51	0.1416
41C	30	10+100	500202	511122	DFT-s 16 QAM	0@0	144@48	-24.31	23.18	23.18	21.48	0.1406
41C	30	10+100	508602	519522	DFT-s QPSK	0@0	144@48	-26.24	23.17	23.17	21.47	0.1403
41C	30	10+100	508602	519522	DFT-s 16 QAM	0@0	144@48	-24.00	22.98	22.98	21.28	0.1343
41C	30	10+100	517080	528000	DFT-s QPSK	0@0	144@48	-26.81	23.35	23.35	21.65	0.1462
41C	30	10+100	517080	528000	DFT-s 16 QAM	0@0	144@48	-24.82	23.07	23.07	21.37	0.1371
41C	30	90+20	508200	519180	DFT-s QPSK	144@80	0@0	23.47	-20.49	23.47	21.77	0.1503
41C	30	90+20	508200	519180	DFT-s 16 QAM	144@80	0@0	23.35	-20.54	23.35	21.65	0.1462
41C	30	90+20	516600	527580	DFT-s QPSK	144@80	0@0	23.49	-21.80	23.49	21.79	0.1510
41C	30	90+20	516600	527580	DFT-s 16 QAM	144@80	0@0	23.44	-20.90	23.44	21.74	0.1493
41C	30	90+20	525018	535998	DFT-s QPSK	144@80	0@0	23.29	-21.57	23.29	21.59	0.1442
41C	30	90+20	525018	535998	DFT-s 16 QAM	144@80	0@0	23.17	-20.94	23.17	21.47	0.1403
41C	30	20+90	501204	512184	DFT-s QPSK	0@0	144@21	-21.43	23.16	23.16	21.46	0.1400
41C	30	20+90	501204	512184	DFT-s 16 QAM	0@0	144@21	-22.36	23.11	23.11	21.41	0.1384
41C	30	20+90	509598	520578	DFT-s QPSK	0@0	144@21	-22.40	23.20	23.20	21.50	0.1413
41C	30	20+90	509598	520578	DFT-s 16 QAM	0@0	144@21	-22.96	23.18	23.18	21.48	0.1406
41C	30	20+90	518016	528996	DFT-s QPSK	0@0	144@21	-22.53	23.28	23.28	21.58	0.1439
41C	30	20+90	518016	528996	DFT-s 16 QAM	0@0	144@21	-22.89	23.16	23.16	21.46	0.1400
41C	30	90+30	508200	520176	DFT-s QPSK	160@83	0@0	23.46	-18.84	23.46	21.76	0.1500
41C	30	90+30	508200	520176	DFT-s 16 QAM	160@83	0@0	23.29	-20.14	23.29	21.59	0.1442
41C	30	90+30	515598	527574	DFT-s QPSK	160@83	0@0	23.46	-18.22	23.46	21.76	0.1500
41C	30	90+30	515598	527574	DFT-s 16 QAM	160@83	0@0	23.34	-21.82	23.34	21.64	0.1459
41C	30	90+30	523020	534996	DFT-s QPSK	160@83	0@0	23.45	-17.59	23.45	21.75	0.1496
41C	30	90+30	523020	534996	DFT-s 16 QAM	160@83	0@0	23.26	-21.81	23.26	21.56	0.1432
41C	30	30+90	502200	514176	DFT-s QPSK	0@0	160@2	-19.74	23.27	23.27	21.57	0.1436
41C	30	30+90	502200	514176	DFT-s 16 QAM	0@0	160@2	-16.98	23.23	23.23	21.53	0.1422
41C	30	30+90	509598	521574	DFT-s QPSK	0@0	160@2	-19.64	23.28	23.28	21.58	0.1439
41C	30	30+90	509598	521574	DFT-s 16 QAM	0@0	160@2	-16.94	23.02	23.02	21.32	0.1355
41C	30	30+90	517020	528996	DFT-s QPSK	0@0	160@2	-19.49	23.21	23.21	21.51	0.1416
41C	30	30+90	517020	528996	DFT-s	0@0	160@2	-16.00	23.16	23.16	21.46	0.1400



					16 QAM							
41C	30	60+50	505200	516192	DFT-s QPSK	81@81	60@0	20.18	20.15	23.18	21.48	0.1405
41C	30	60+50	505200	516192	DFT-s 16 QAM	81@81	60@0	20.16	20.05	23.12	21.42	0.1385
41C	30	60+50	513600	524592	DFT-s QPSK	81@81	60@0	20.61	19.82	23.24	21.54	0.1427
41C	30	60+50	513600	524592	DFT-s 16 QAM	81@81	60@0	20.32	19.63	23.00	21.30	0.1349
41C	30	60+50	522006	532998	DFT-s QPSK	81@81	60@0	20.46	19.71	23.11	21.41	0.1384
41C	30	60+50	522006	532998	DFT-s 16 QAM	81@81	60@0	20.56	19.53	23.09	21.39	0.1376
41C	30	50+60	504204	515196	DFT-s QPSK	60@73	81@0	20.54	19.88	23.23	21.53	0.1423
41C	30	50+60	504204	515196	DFT-s 16 QAM	60@73	81@0	20.51	19.82	23.19	21.49	0.1409
41C	30	50+60	512598	523590	DFT-s QPSK	60@73	81@0	20.65	19.72	23.22	21.52	0.1419
41C	30	50+60	512598	523590	DFT-s 16 QAM	60@73	81@0	20.40	19.74	23.09	21.39	0.1378
41C	30	50+60	521004	531996	DFT-s QPSK	60@73	81@0	20.50	19.64	23.10	21.40	0.1381
41C	30	50+60	521004	531996	DFT-s 16 QAM	60@73	81@0	20.54	19.57	23.09	21.39	0.1378
41C	30	90+15	508200	518616	DFT-s QPSK	135@76	0@0	23.50	-21.45	23.50	21.80	0.1514
41C	30	90+15	508200	518616	DFT-s 16 QAM	135@76	0@0	23.34	-23.74	23.34	21.64	0.1459
41C	30	90+15	517098	527514	DFT-s QPSK	135@76	0@0	23.41	-21.77	23.41	21.71	0.1483
41C	30	90+15	517098	527514	DFT-s 16 QAM	135@76	0@0	23.33	-23.75	23.33	21.63	0.1455
41C	30	90+15	526080	536496	DFT-s QPSK	135@76	0@0	23.45	-21.70	23.45	21.75	0.1496
41C	30	90+15	526080	536496	DFT-s 16 QAM	135@76	0@0	23.09	-23.85	23.09	21.39	0.1377
41C	30	15+90	500700	511116	DFT-s QPSK	0@0	135@30	-23.63	23.41	23.41	21.71	0.1483
41C	30	15+90	500700	511116	DFT-s 16 QAM	0@0	135@30	-21.74	23.36	23.36	21.66	0.1466
41C	30	15+90	509598	520014	DFT-s QPSK	0@0	135@30	-22.46	23.33	23.33	21.63	0.1455
41C	30	15+90	509598	520014	DFT-s 16 QAM	0@0	135@30	-21.94	23.17	23.17	21.47	0.1403
41C	30	15+90	518580	528996	DFT-s QPSK	0@0	135@30	-22.58	23.34	23.34	21.64	0.1459
41C	30	15+90	518580	528996	DFT-s 16 QAM	0@0	135@30	-21.79	23.13	23.13	21.43	0.1390



FR1 n41C _ANT2

26dB Bandwidth

Mode	FR1 n41C : 26dB BW(MHz) / CP			
BW	10M100M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	111.85	111.42	111.57	111.80
BW	15M90M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	107.04	107.01	106.36	107.13
BW	15M100M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	117.15	117.41	117.26	117.41
BW	20M90M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	111.57	111.40	112.05	111.92
BW	20M100M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	122.33	122.20	122.06	122.17
BW	30M80M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	111.32	111.40	112.10	112.20
BW	30M90M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	122.33	122.06	122.01	121.55
BW	30M100M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	132.55	132.38	132.32	132.26
BW	40M80M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	122.09	122.20	122.06	122.25
BW	40M90M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	131.45	131.63	131.51	131.80
BW	40M100M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	141.85	142.29	141.98	142.04



BW	50M60M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	111.82	112.10	111.82	111.80
BW	50M80M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	132.12	131.97	132.18	132.21
BW	50M90M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	142.13	142.10	141.94	142.16
BW	50M100M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	152.26	152.19	152.26	152.22
BW	60M50M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	111.87	112.22	112.32	112.67
BW	60M60M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	122.68	122.79	122.36	122.68
BW	60M80M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	142.72	142.69	142.69	142.53
BW	60M90M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	152.72	152.29	152.65	152.55
BW	60M100M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	162.47	162.64	162.50	162.50
BW	80M30M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	111.90	111.85	111.85	112.20
BW	80M40M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	122.25	121.90	122.14	121.85
BW	80M50M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	132.09	131.71	132.03	131.92
BW	80M60M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	142.16	142.22	142.22	142.07



BW	80M80M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	162.47	162.47	162.43	162.57
BW	80M90M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	172.16	172.56	172.30	172.34
BW	80M100M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	182.63	182.63	182.67	182.67
BW	90M15M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	107.18	107.30	107.11	107.08
BW	90M20M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	112.15	112.07	112.52	112.22
BW	90M30M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	122.33	122.36	122.31	122.28
BW	90M40M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	132.32	132.26	131.86	132.44
BW	90M50M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	142.29	142.22	142.04	141.82
BW	90M60M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	152.52	152.39	152.39	152.55
BW	90M80M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	172.53	172.56	172.49	172.45
BW	90M90M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	182.75	182.83	182.36	182.32
BW	90M100M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	192.70	192.78	192.61	192.65
BW	100M10M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	111.77	111.82	111.75	111.62

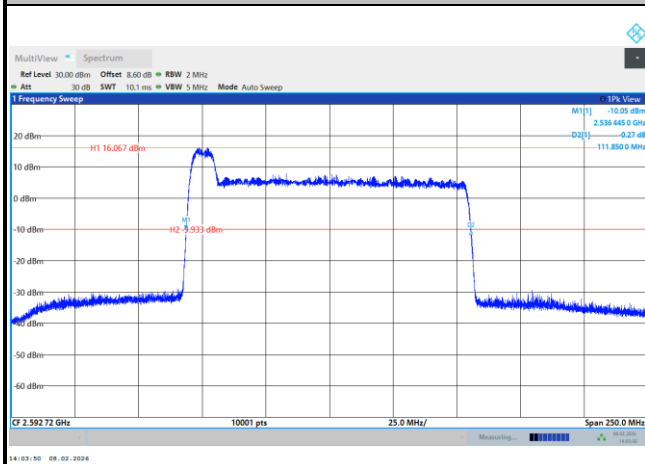


BW	100M15M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	116.94	117.13	116.87	116.94
BW	100M20M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	122.17	122.20	122.25	122.28
BW	100M30M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	132.21	132.24	131.86	132.09
BW	100M40M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	141.91	142.01	142.07	142.07
BW	100M50M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	152.06	152.19	152.09	152.09
BW	100M60M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	162.40	162.22	162.33	162.29
BW	100M80M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	181.97	182.40	182.16	182.24
BW	100M90M			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	192.45	192.45	192.49	192.45

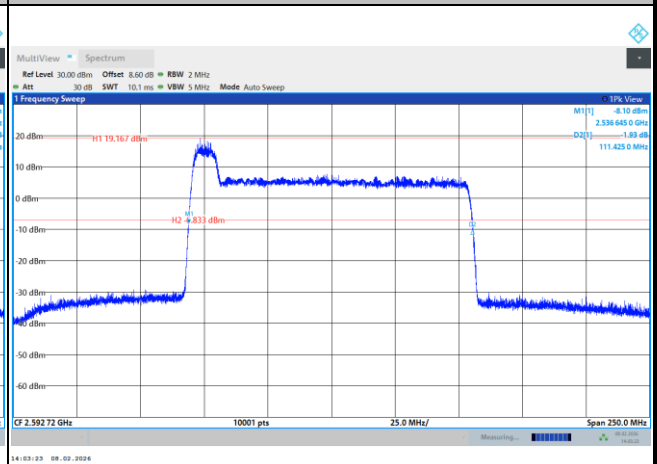


FR1 n41C / 10M100M / CP / Middle Channel / Full RB

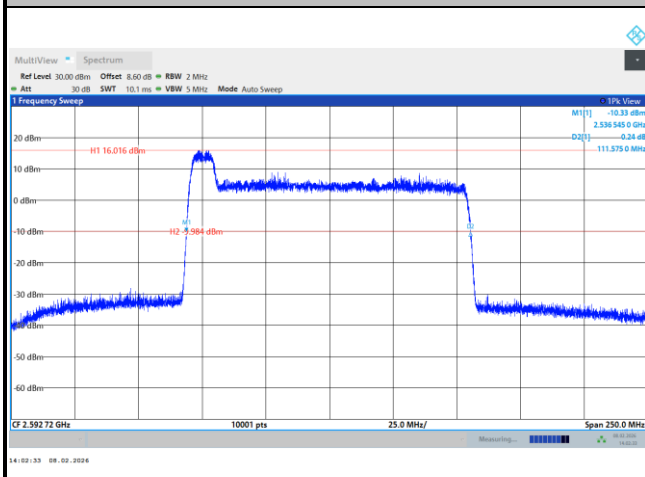
QPSK



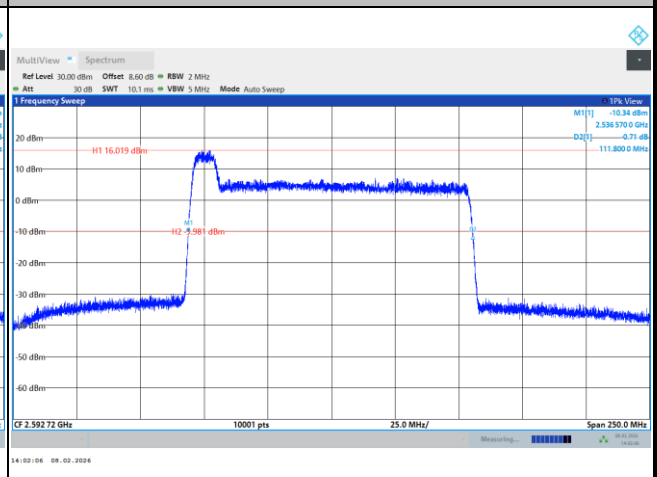
16QAM



64QAM



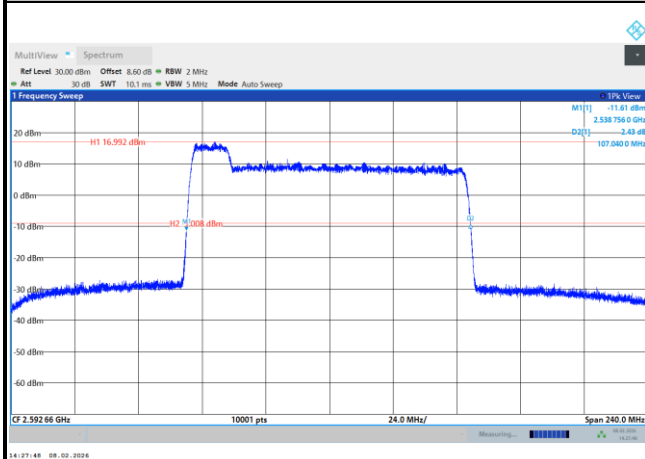
256QAM



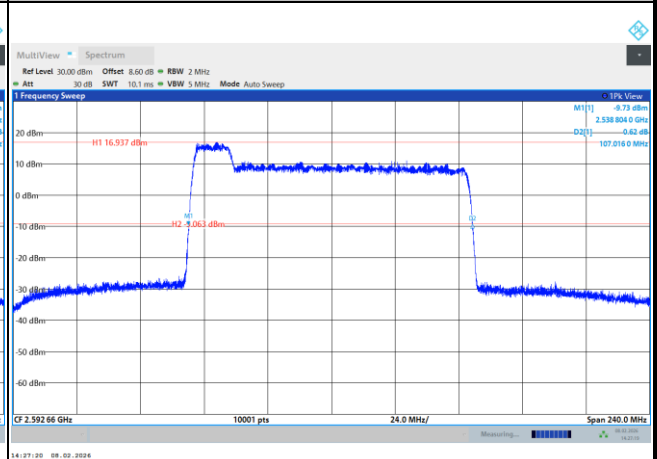


FR1 n41C / 15M90M / CP / Middle Channel / Full RB

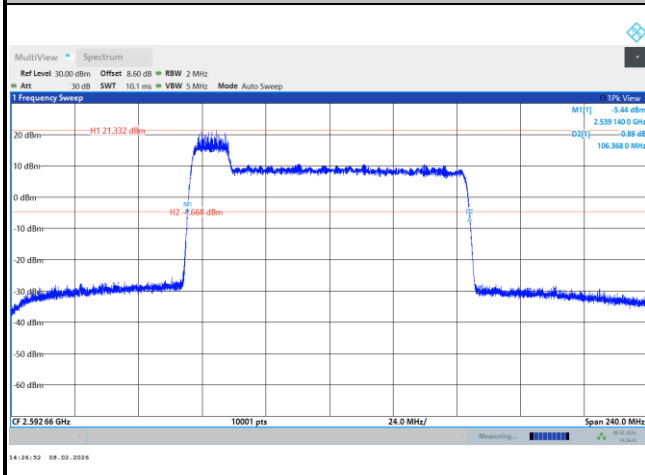
QPSK



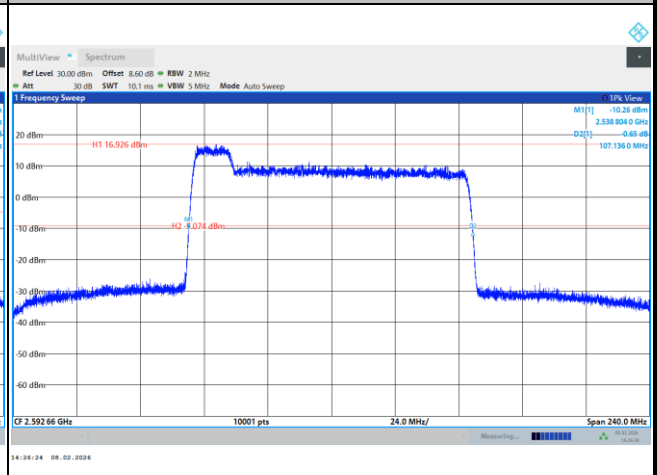
16QAM

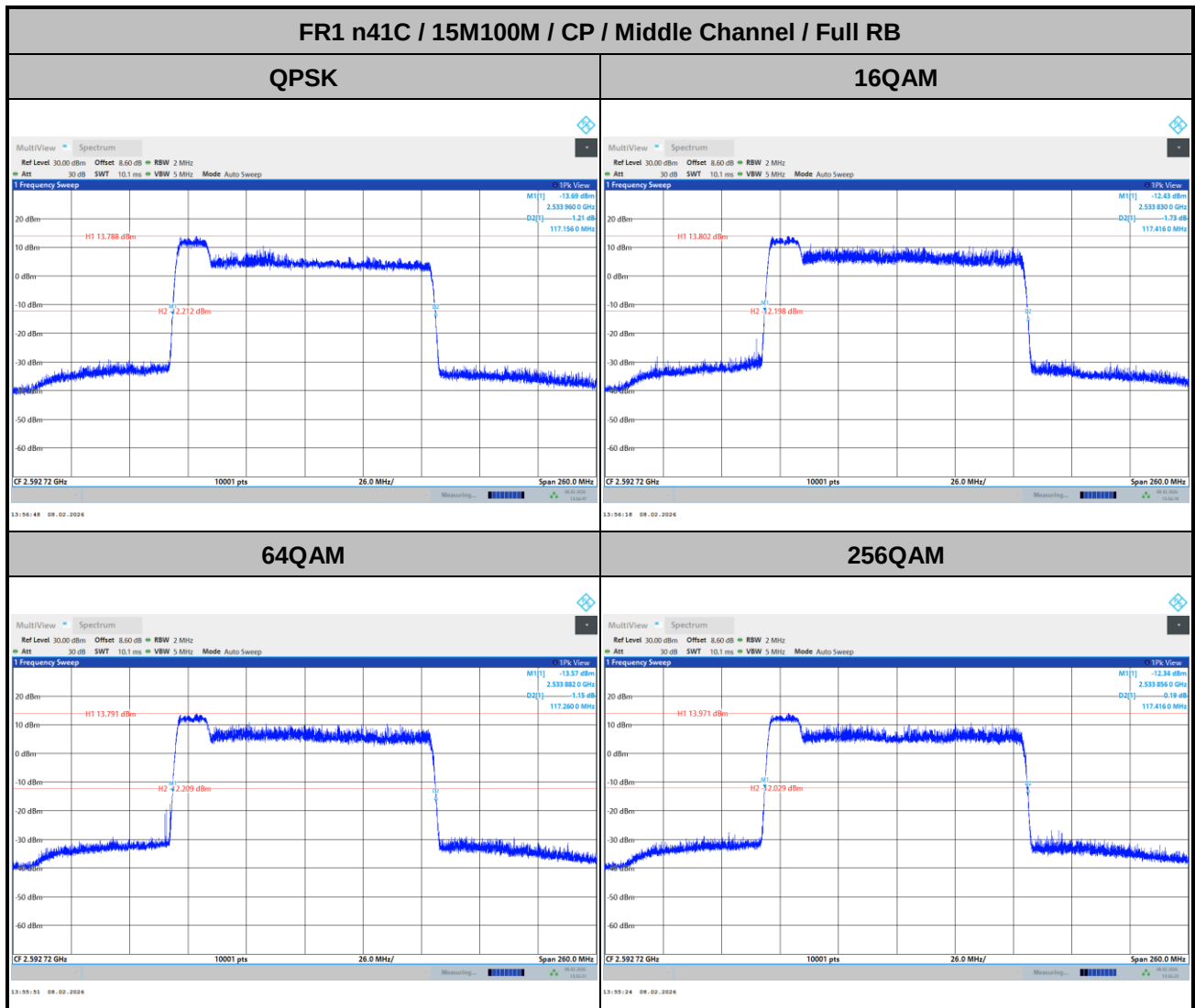


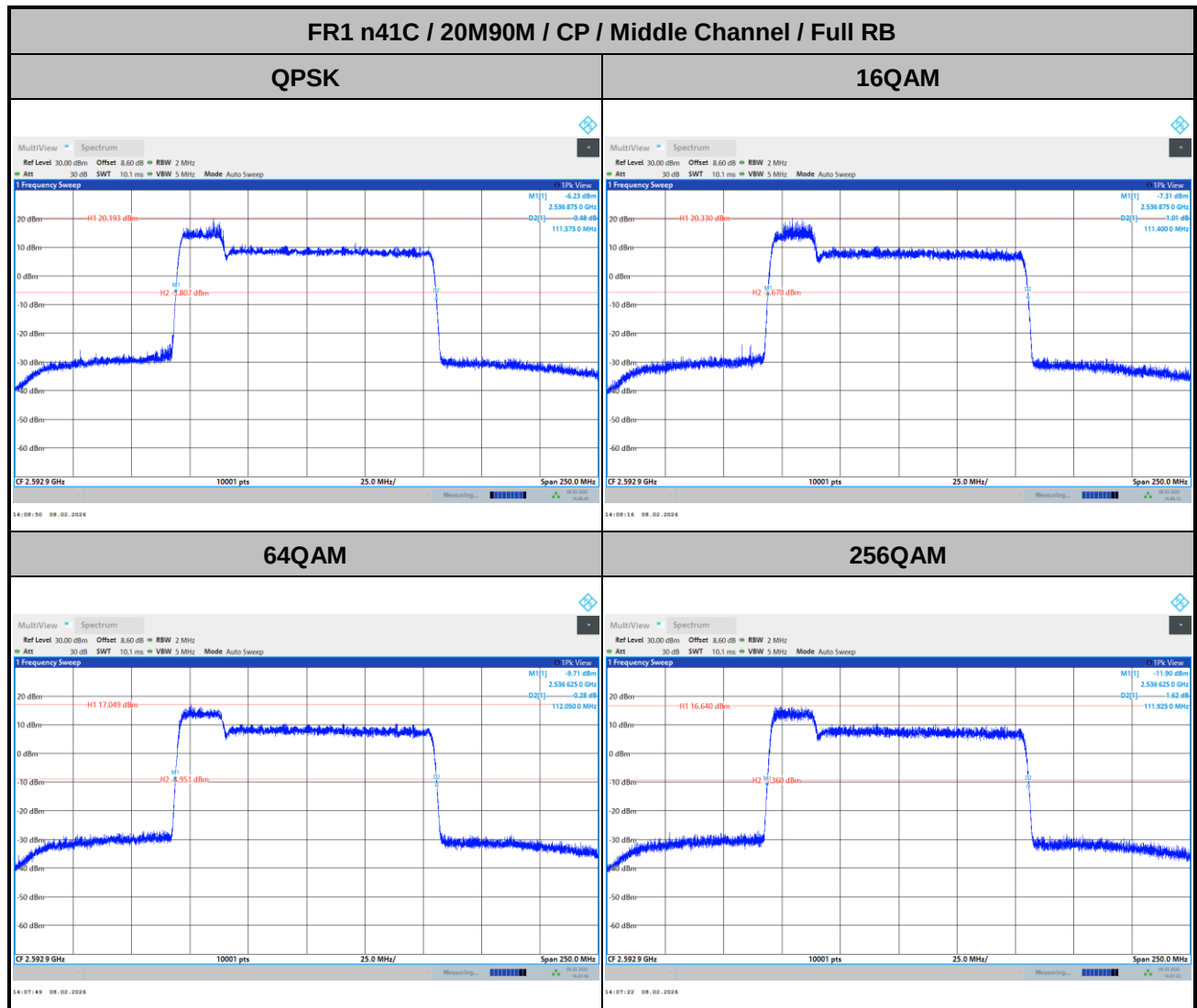
64QAM



256QAM



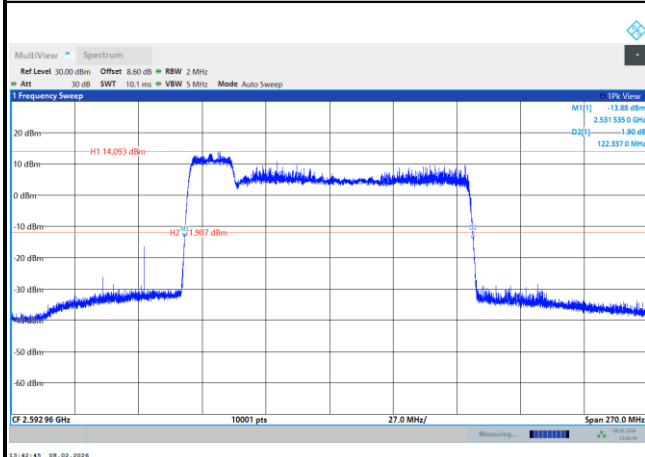




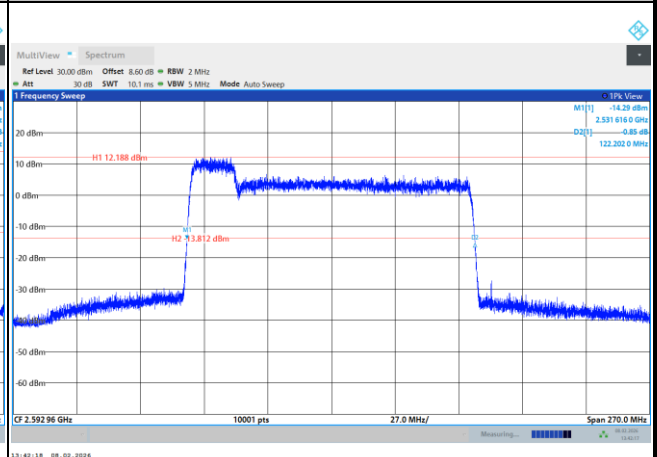


FR1 n41C / 20M100M / CP / Middle Channel / Full RB

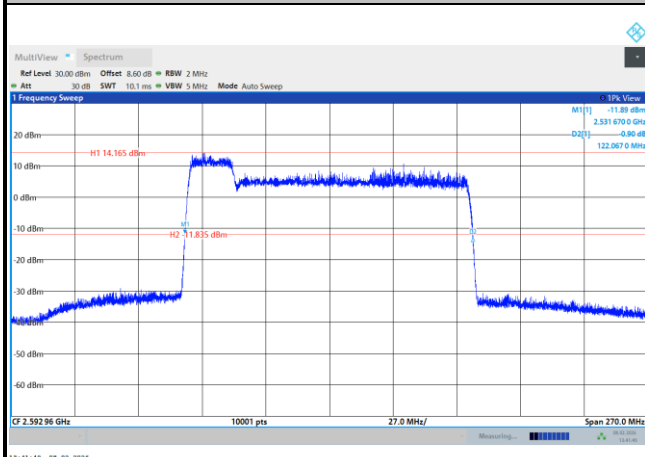
QPSK



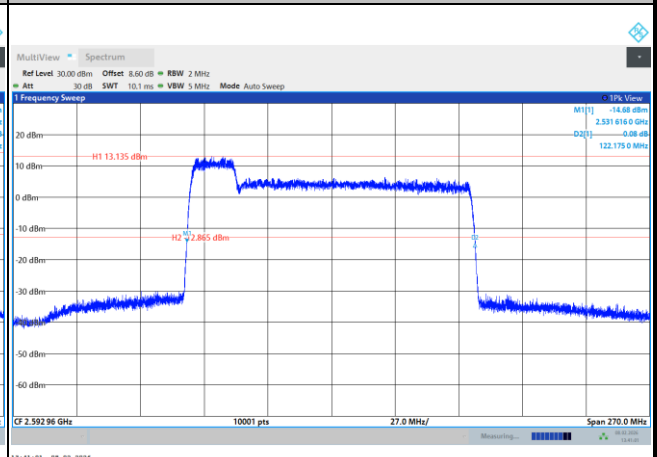
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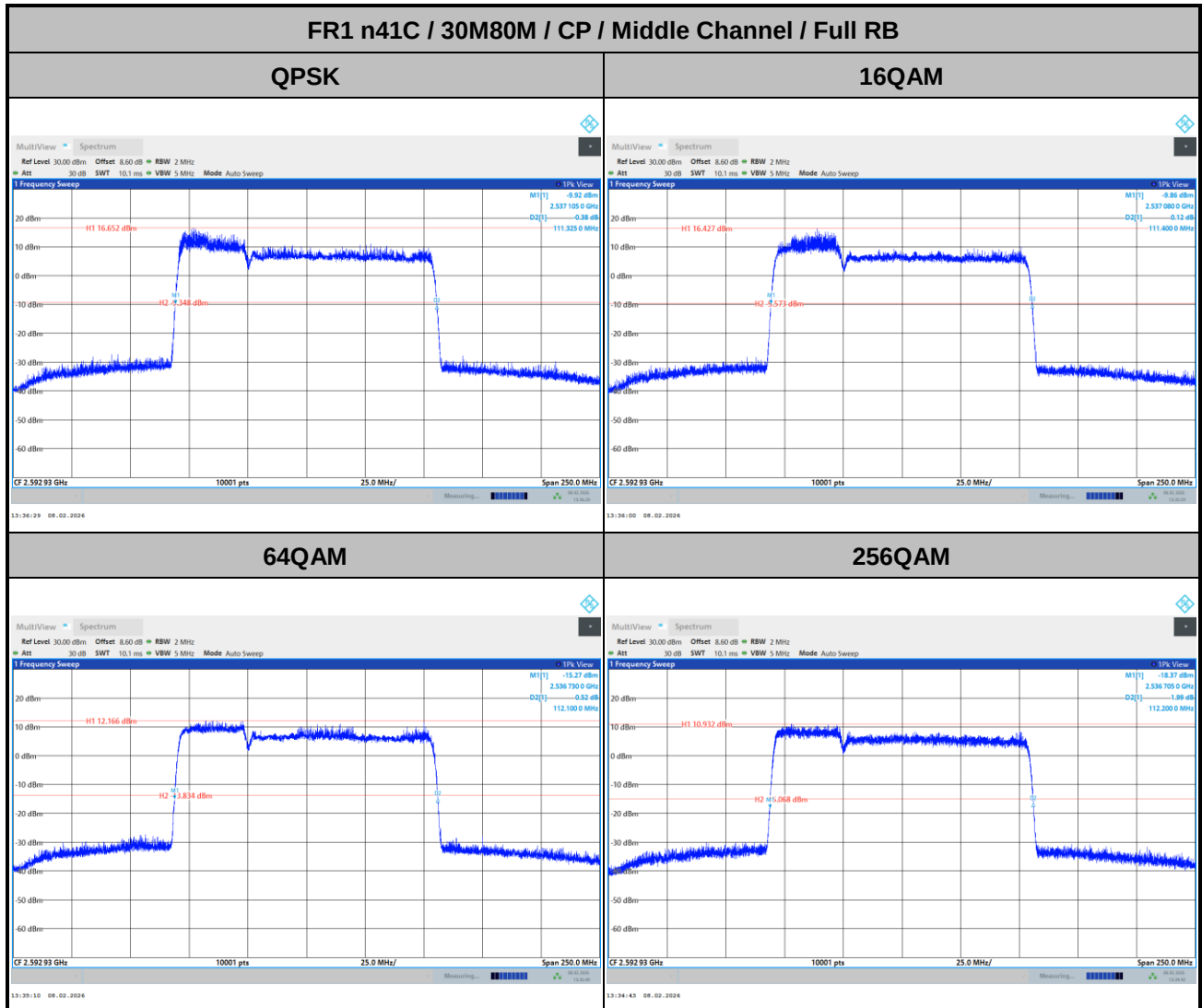


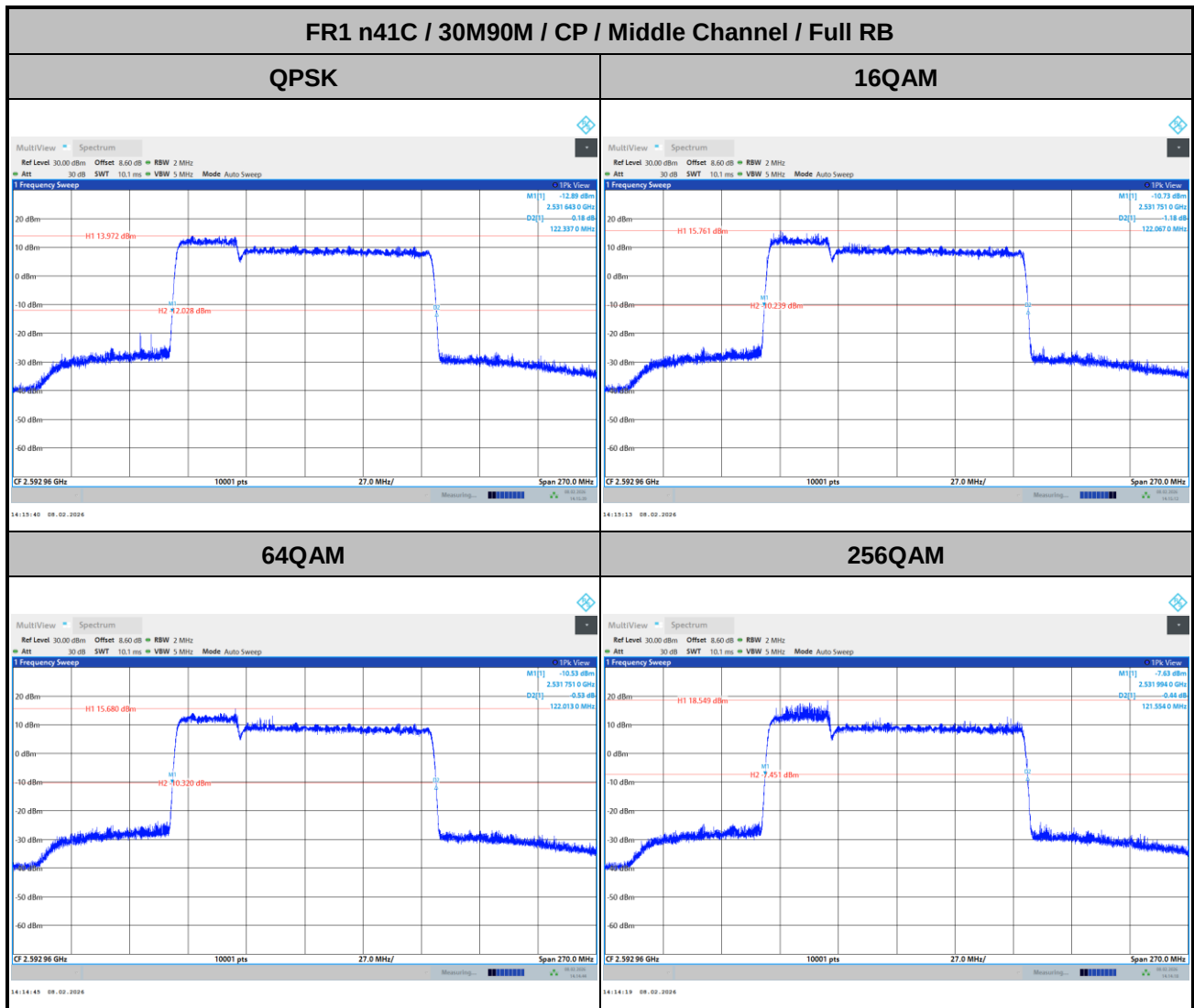
64QAM



256QAM



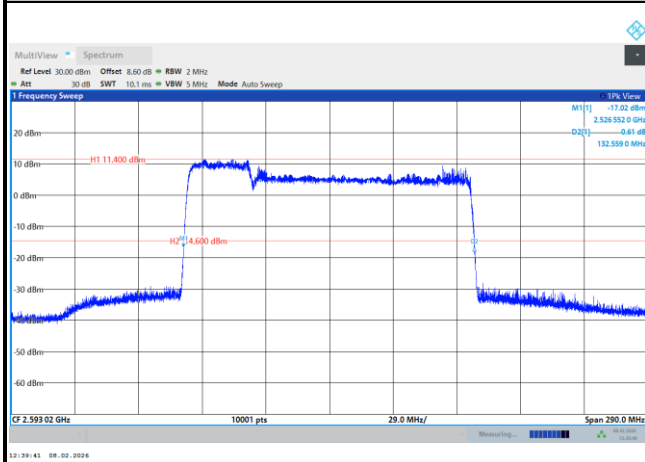




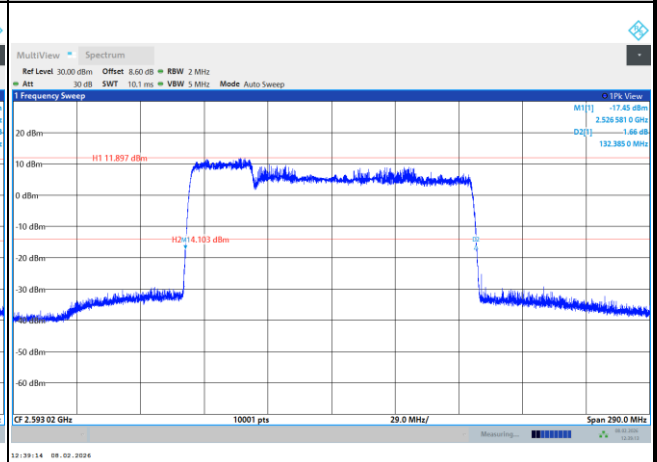


FR1 n41C / 30M100M / CP / Middle Channel / Full RB

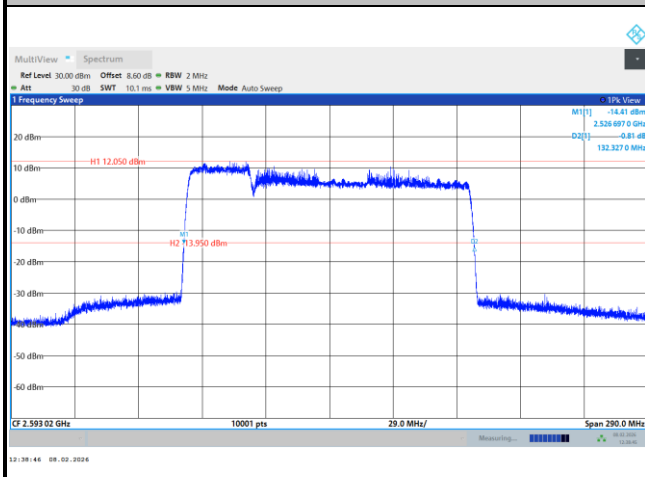
QPSK



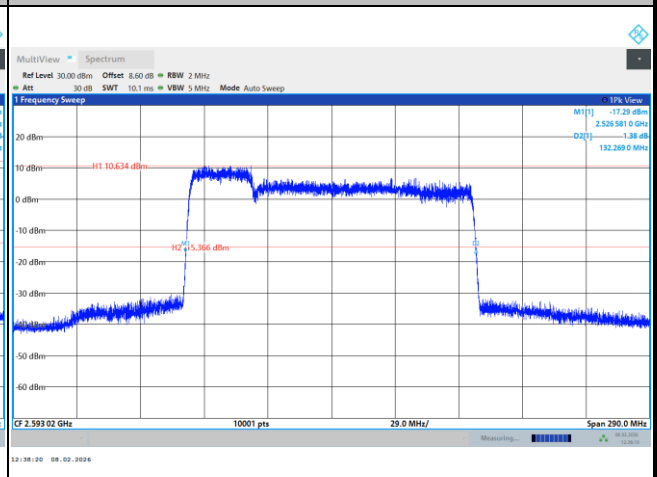
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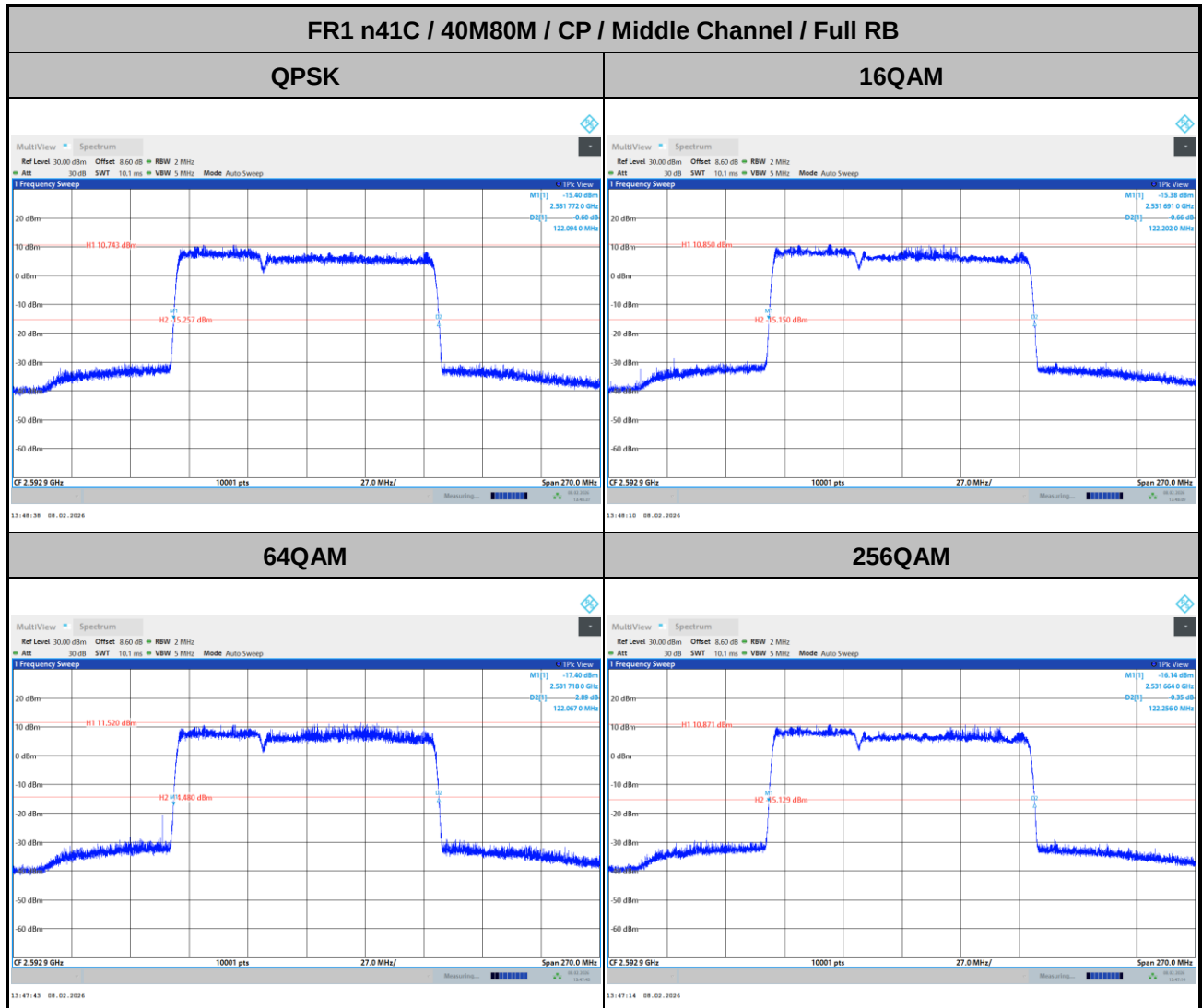


64QAM



256QAM

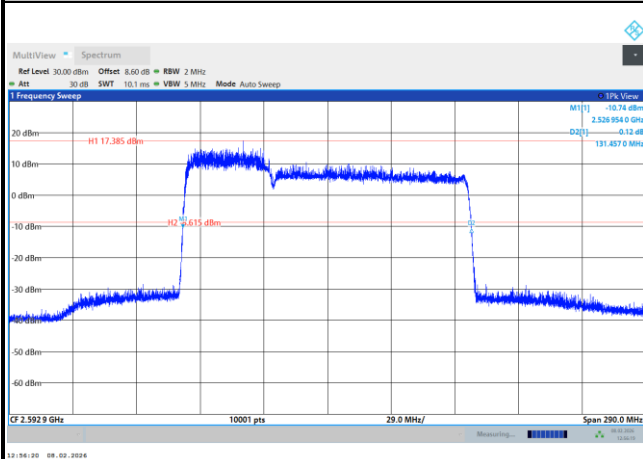




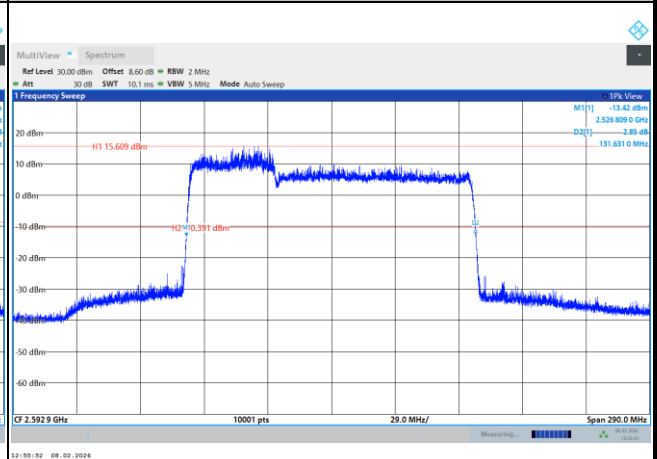


FR1 n41C / 40M90M / CP / Middle Channel / Full RB

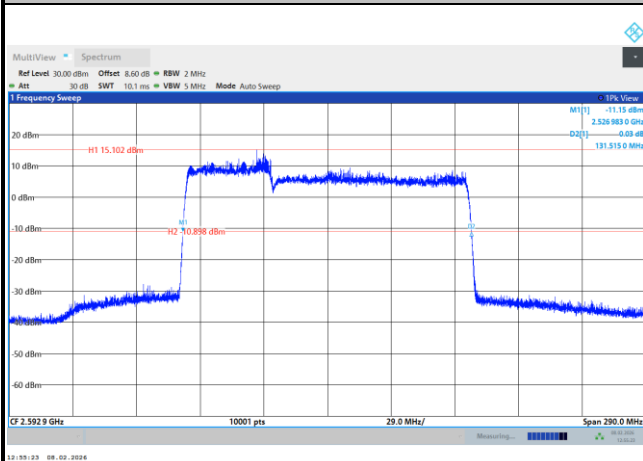
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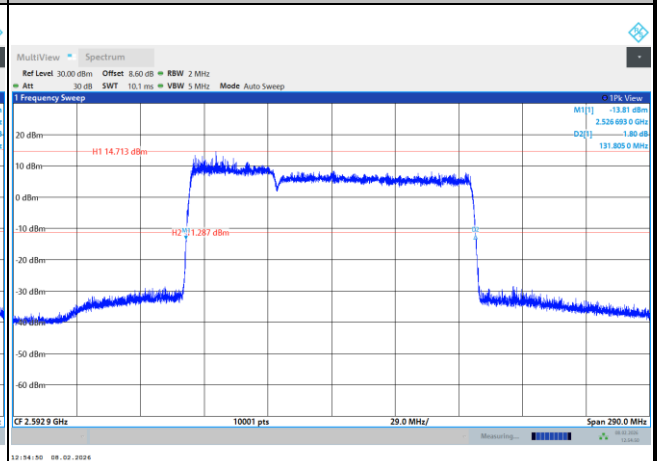
16QAM



64QAM



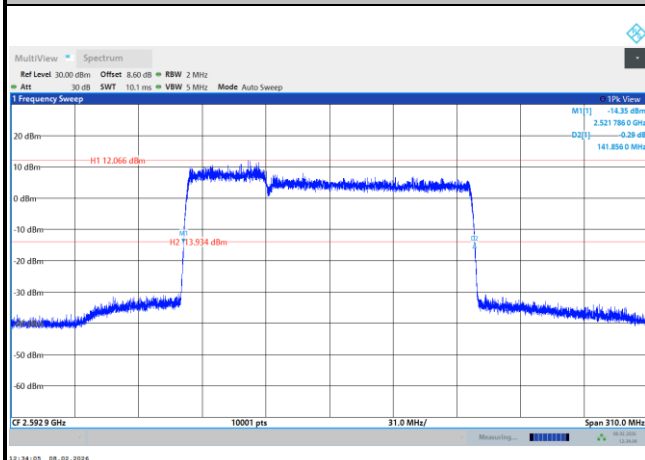
256QAM



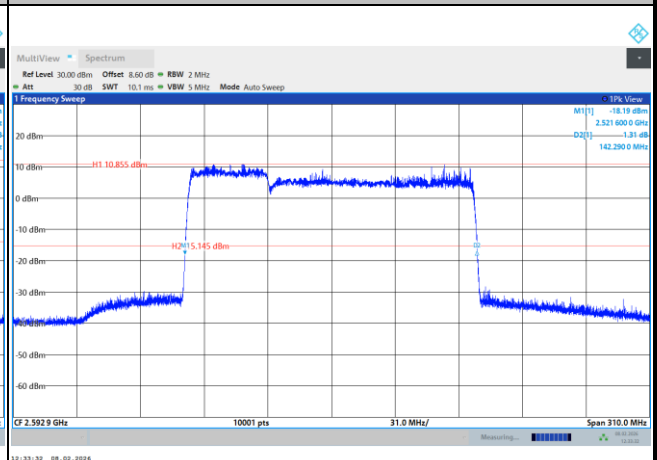


FR1 n41C / 40M100M / CP / Middle Channel / Full RB

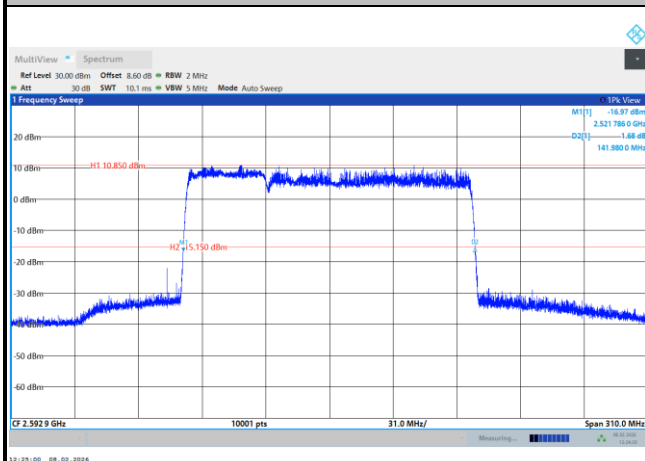
QPSK



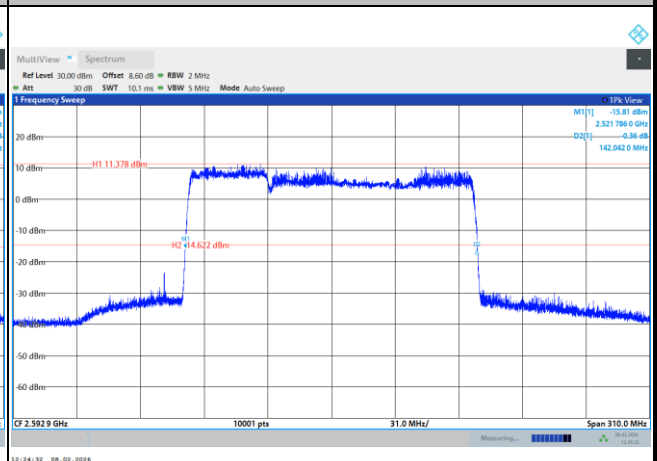
16QAM



64QAM



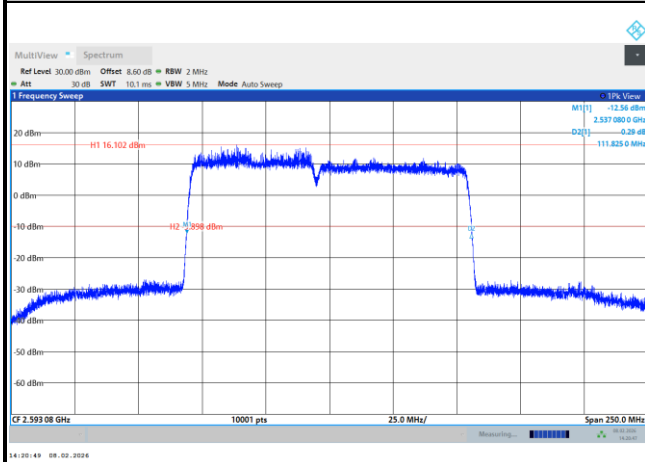
256QAM



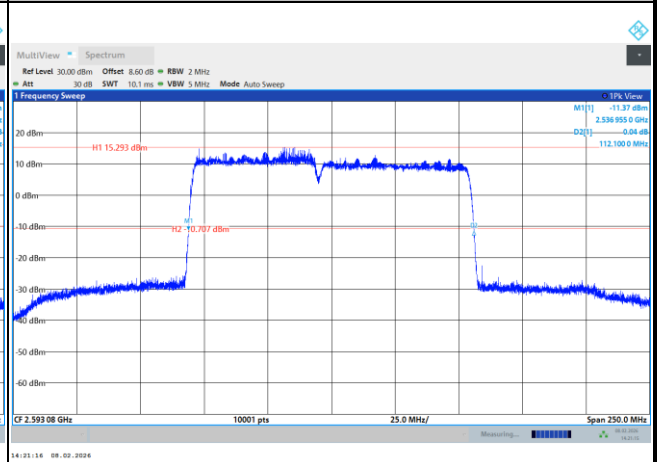


FR1 n41C / 50M60M / CP / Middle Channel / Full RB

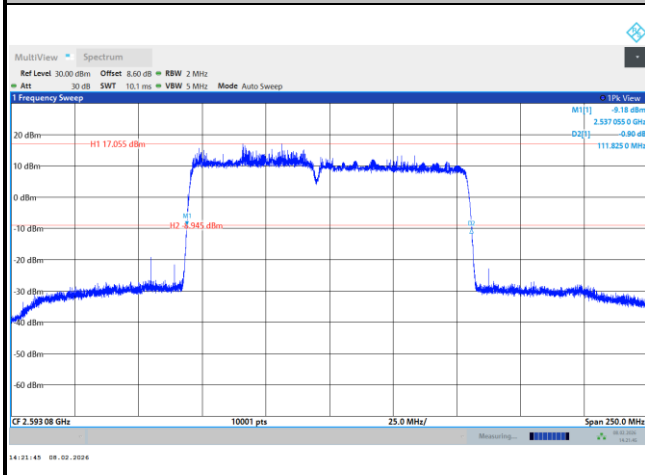
QPSK



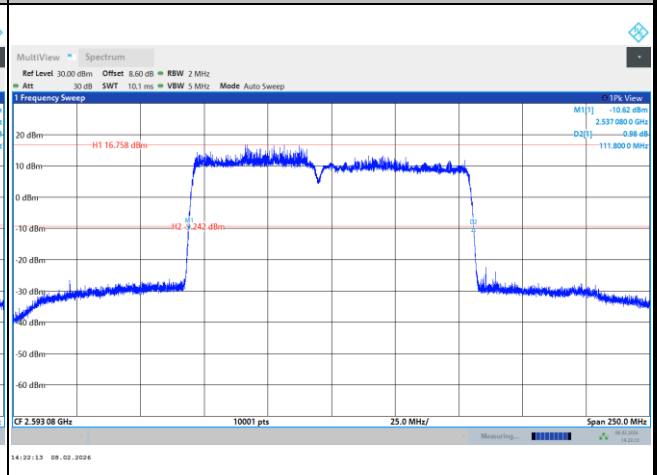
16QAM

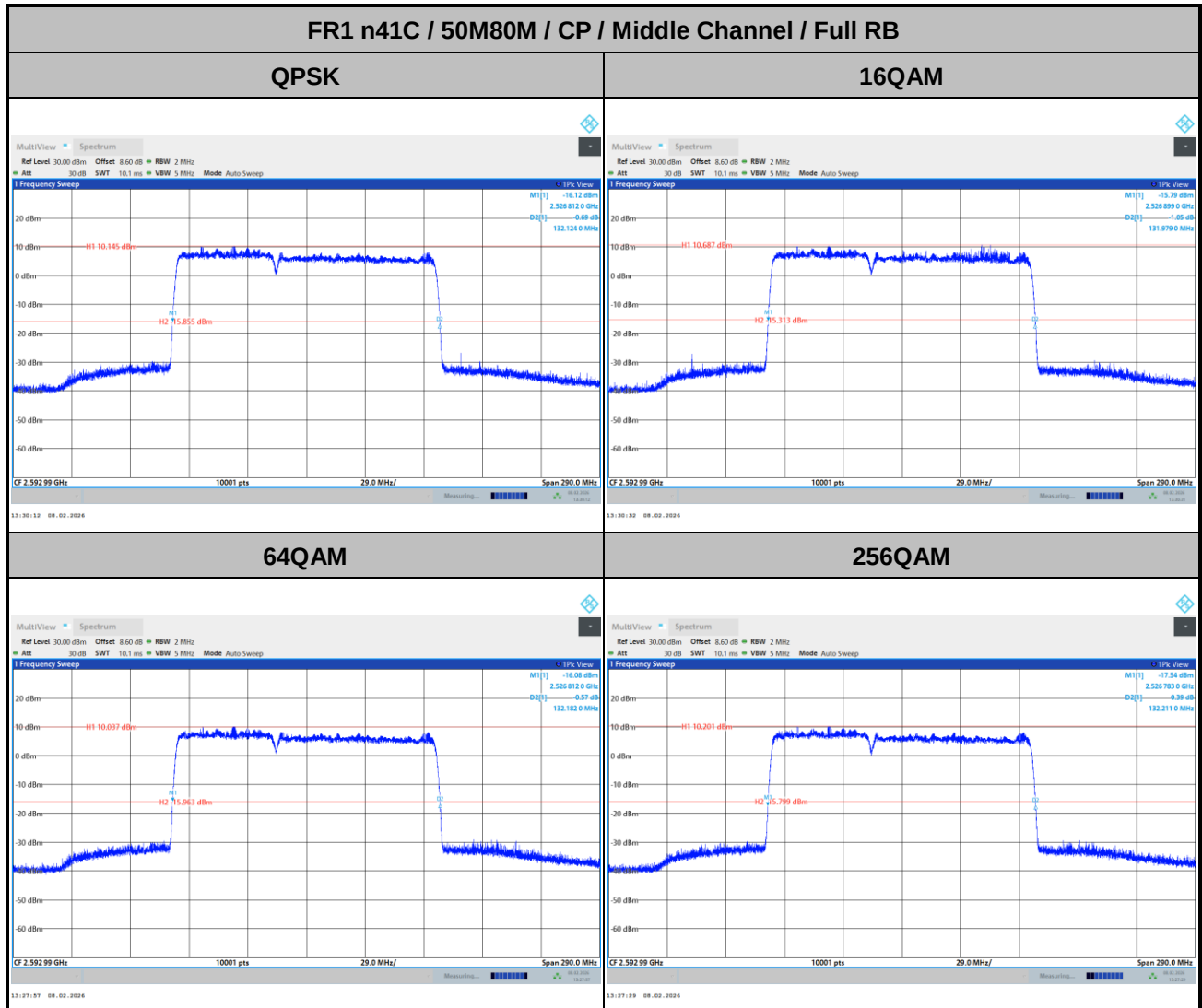


64QAM



256QAM

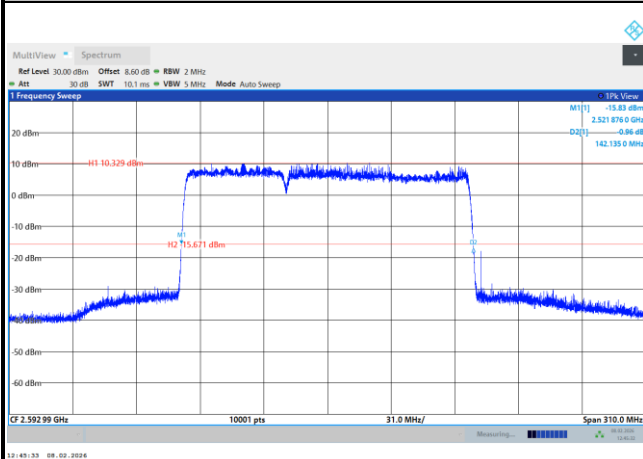




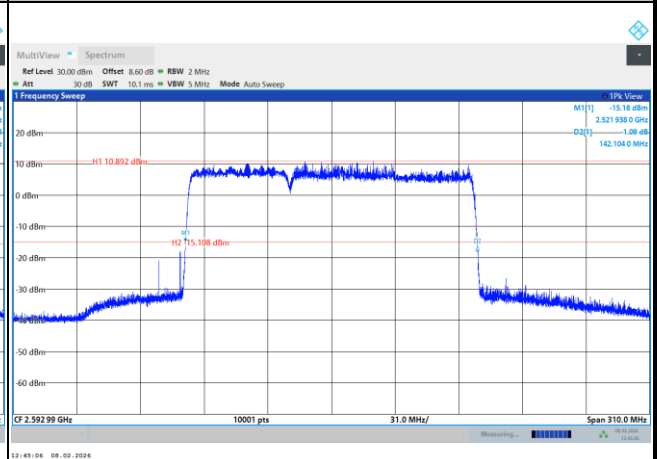


FR1 n41C / 50M90M / CP / Middle Channel / Full RB

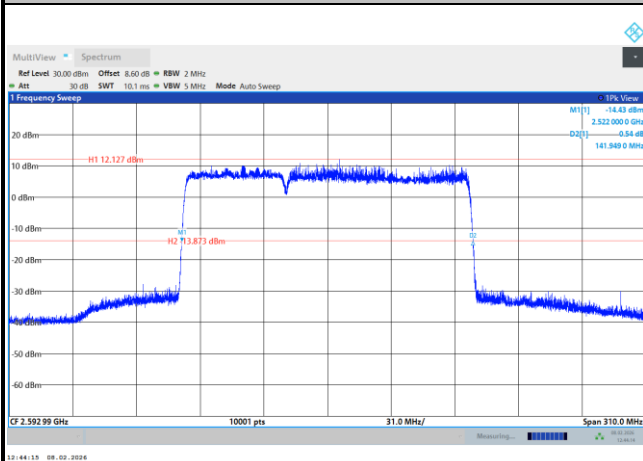
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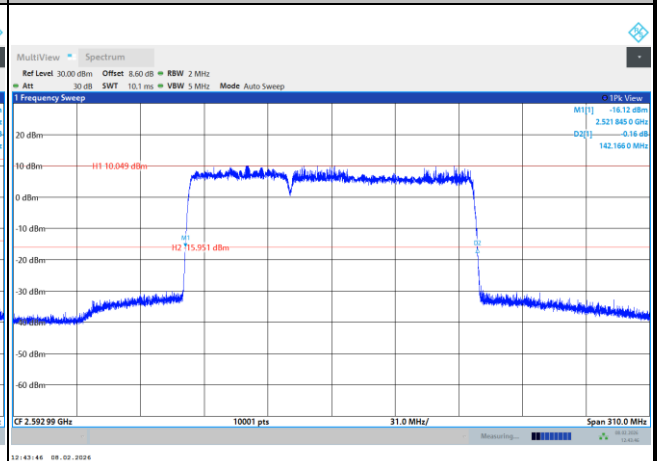
16QAM



64QAM



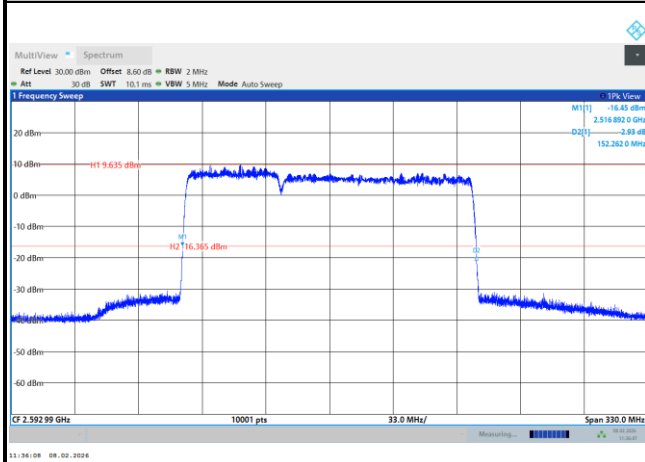
256QAM



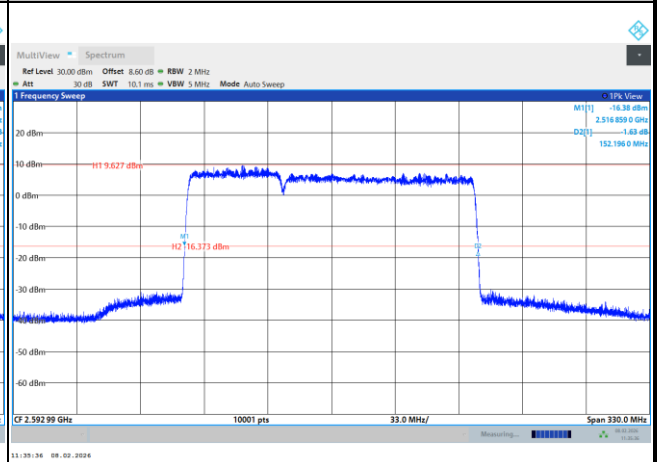


FR1 n41C / 50M100M / CP / Middle Channel / Full RB

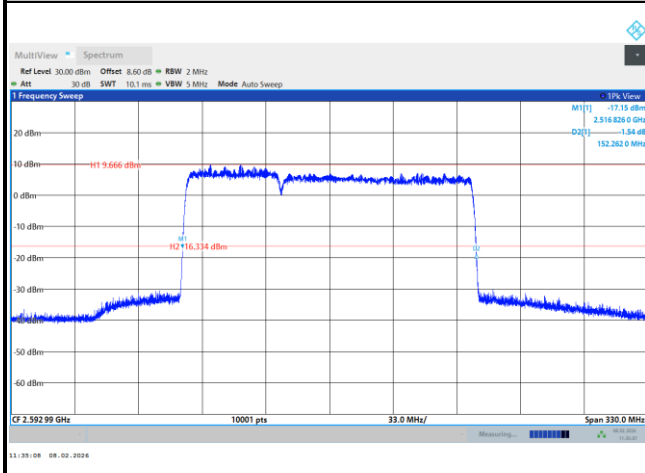
QPSK



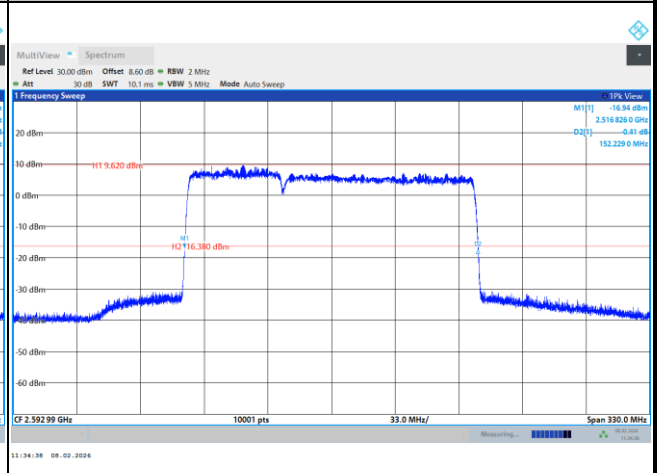
16QAM

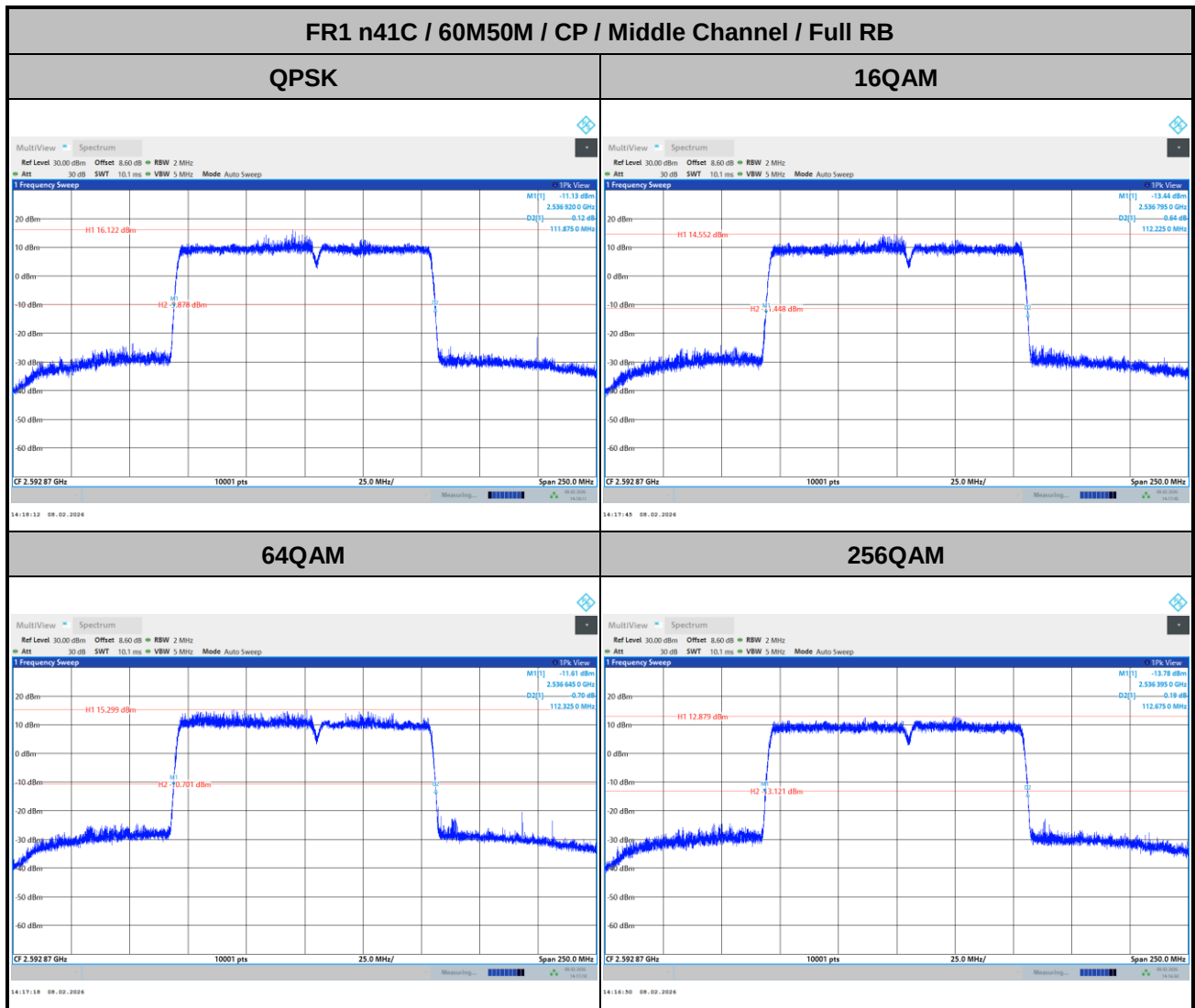


64QAM



256QAM

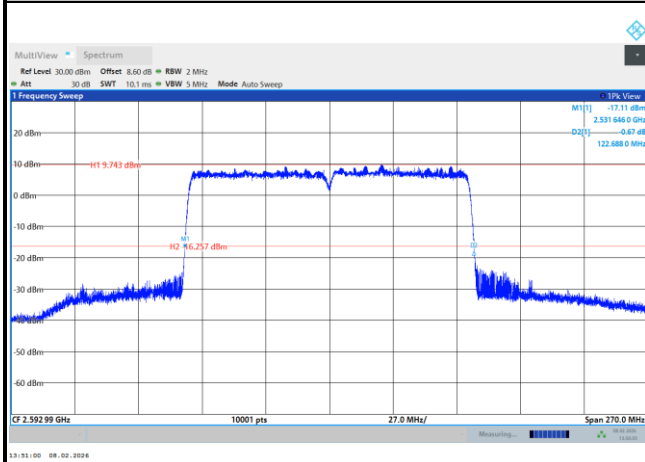




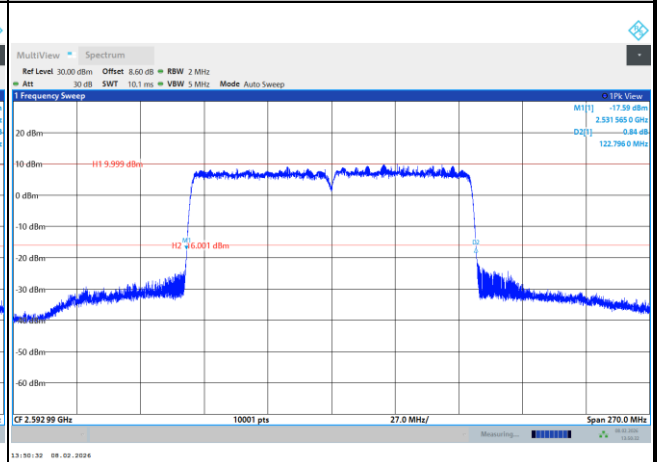


FR1 n41C / 60M60M / CP / Middle Channel / Full RB

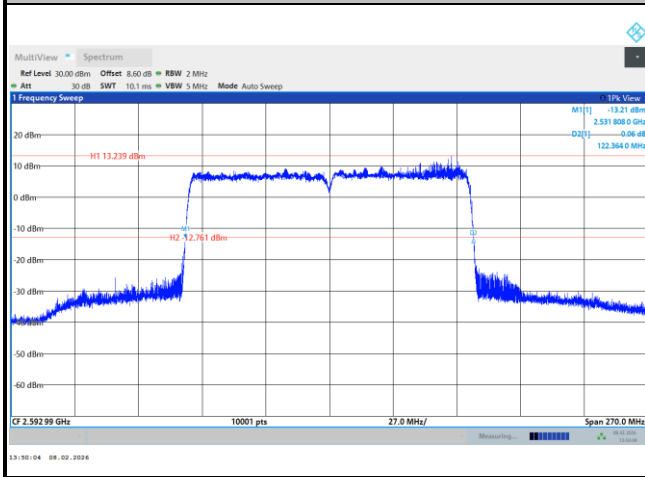
QPSK



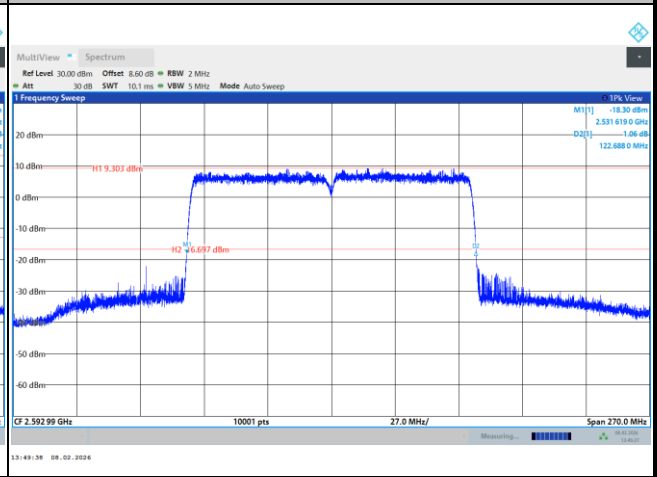
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64QAM



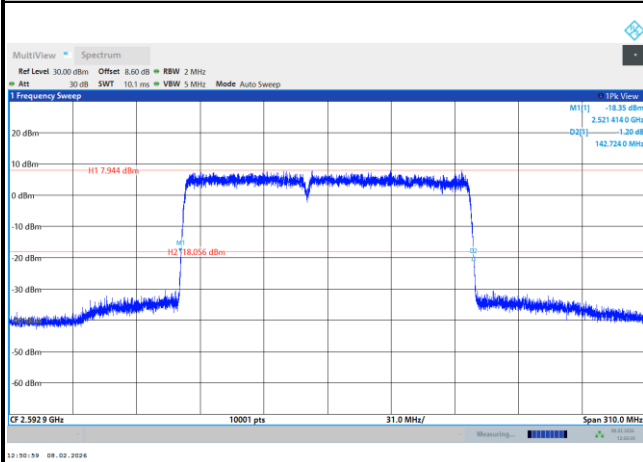
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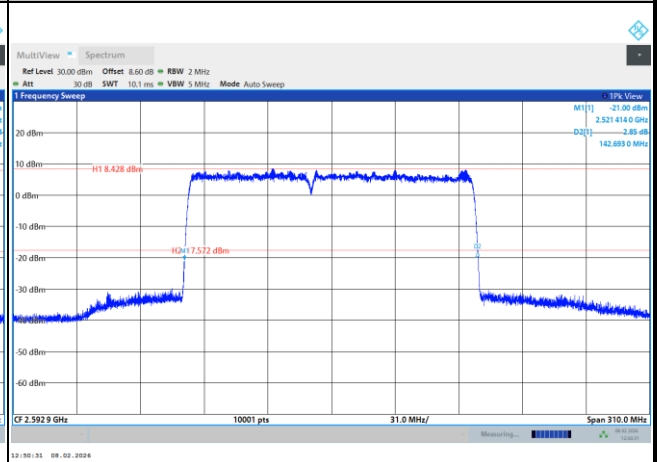


FR1 n41C / 60M80M / CP / Middle Channel / Full RB

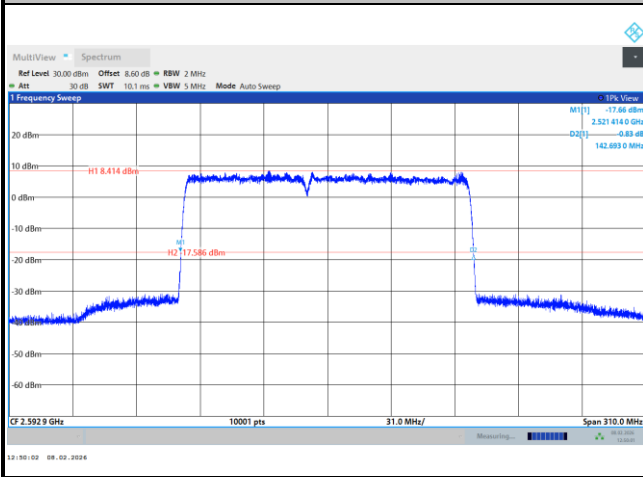
QPSK



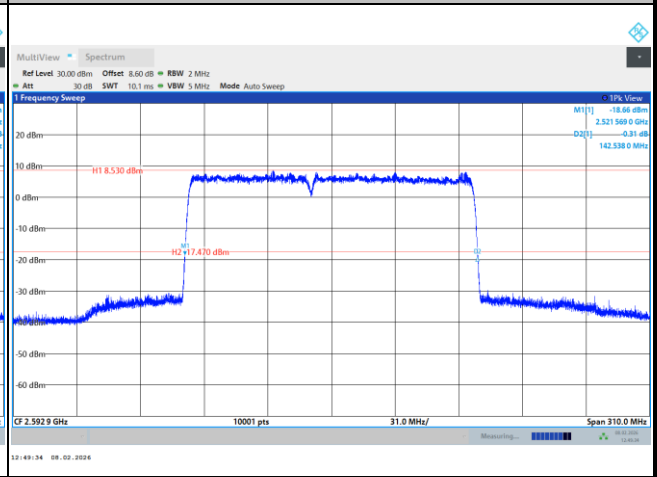
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64QAM



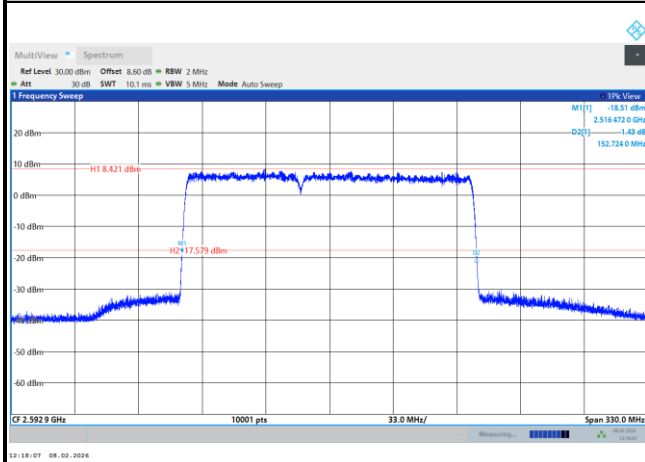
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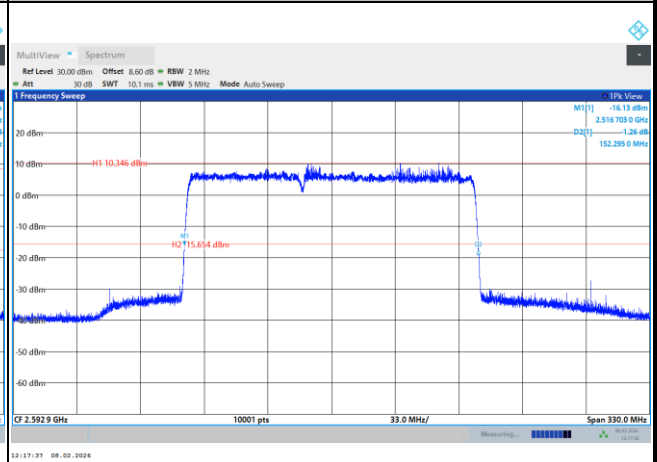


FR1 n41C / 60M90M / CP / Middle Channel / Full RB

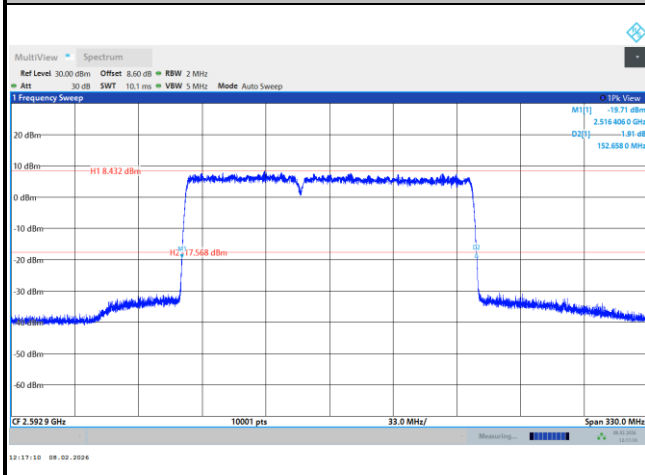
QPSK



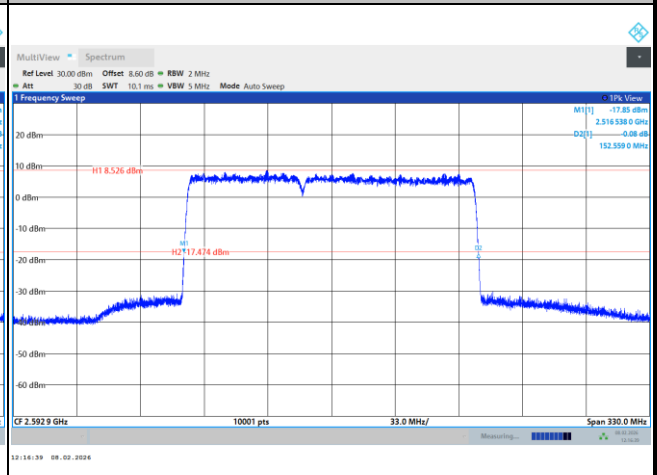
16QAM



64QAM



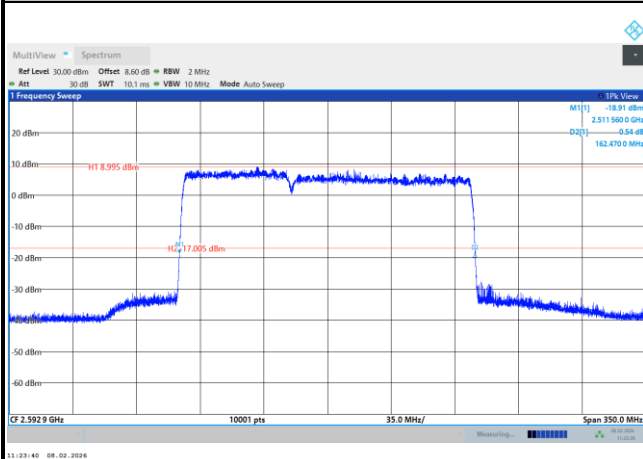
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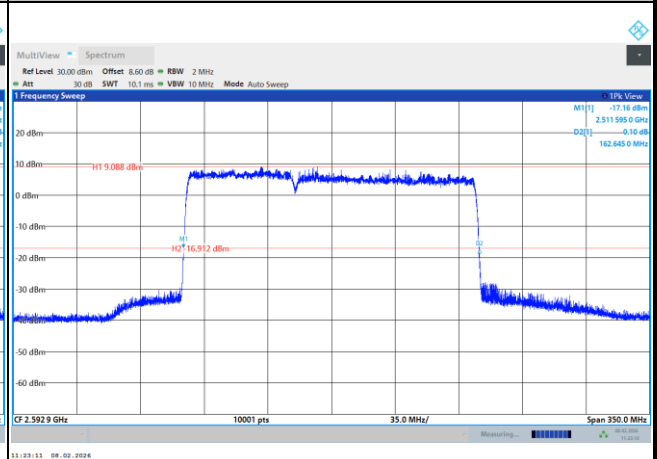


FR1 n41C / 60M100M / CP / Middle Channel / Full RB

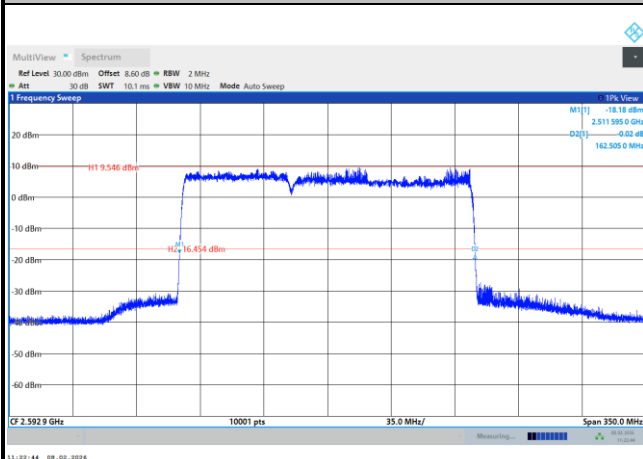
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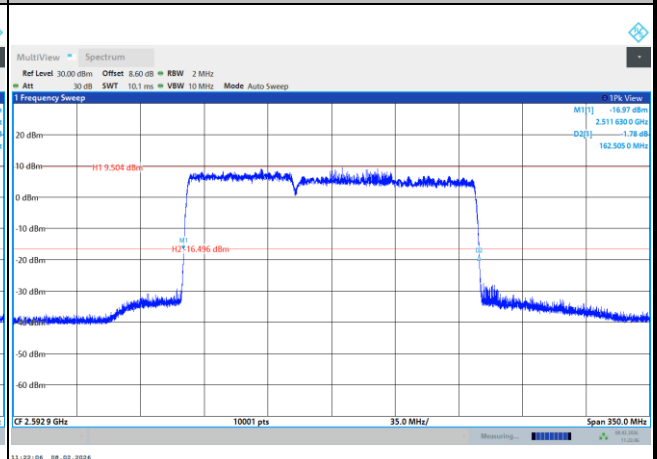
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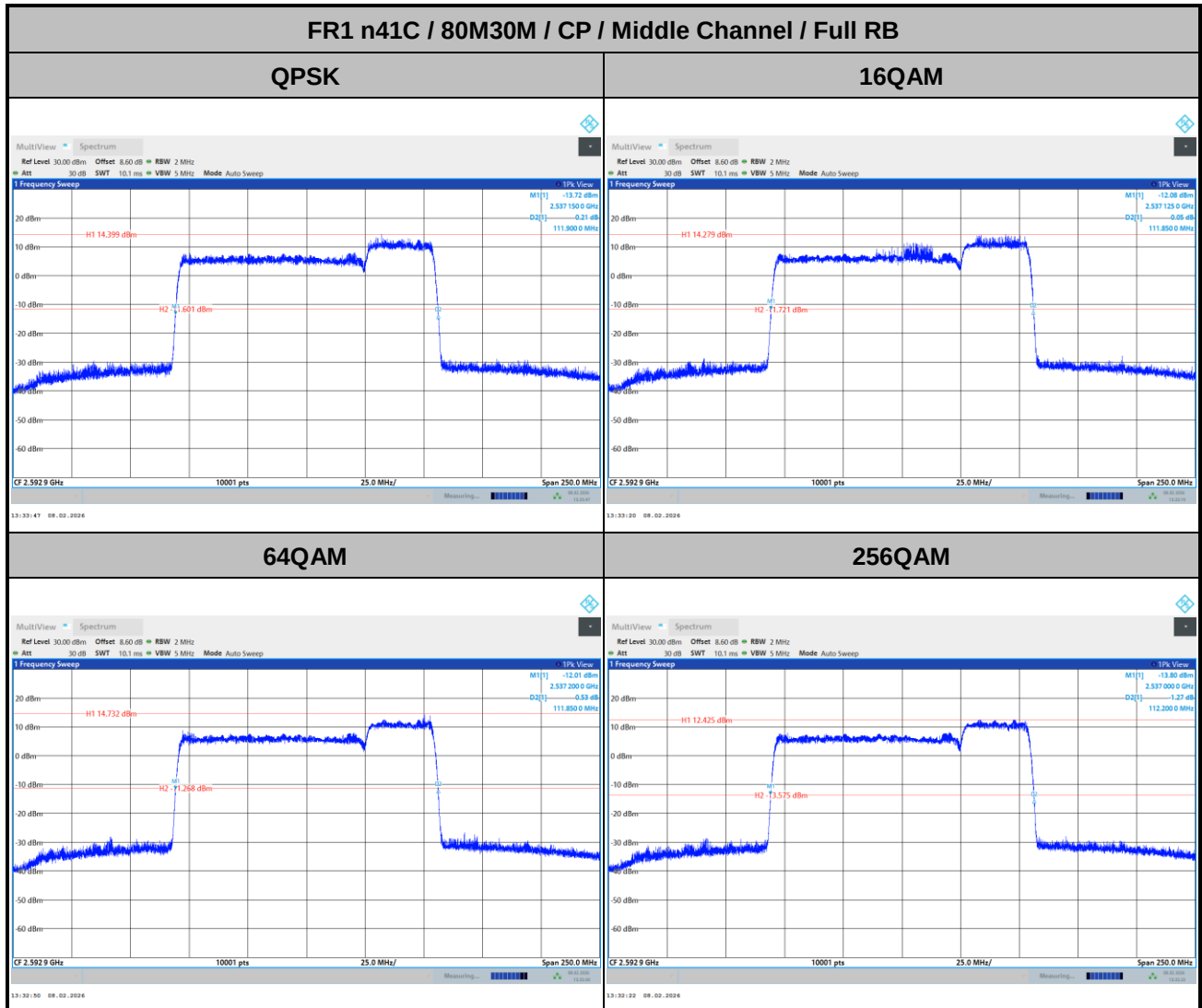


64QAM



256QAM

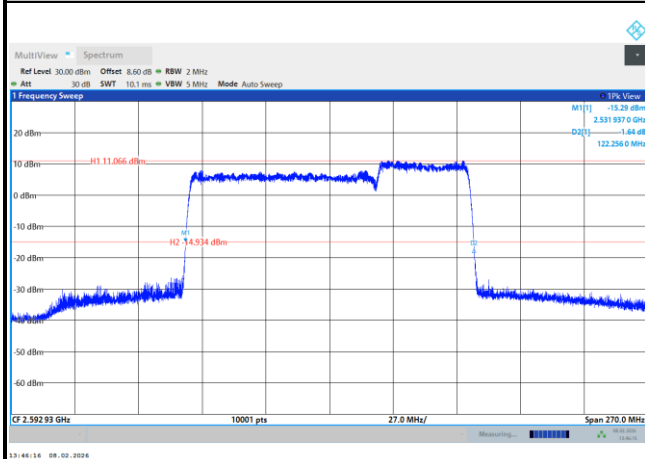




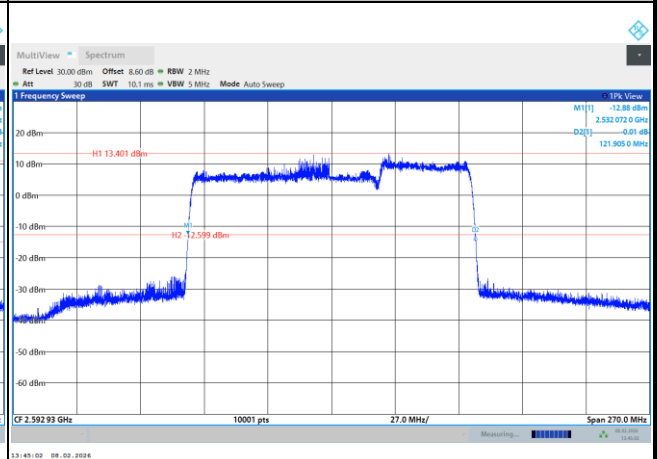


FR1 n41C / 80M40M / CP / Middle Channel / Full RB

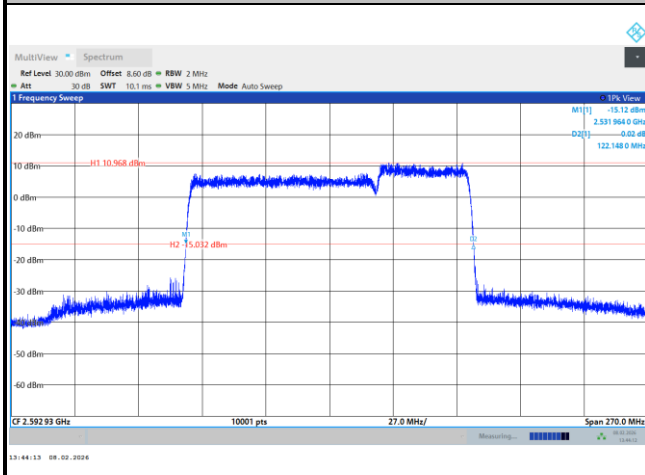
QPSK



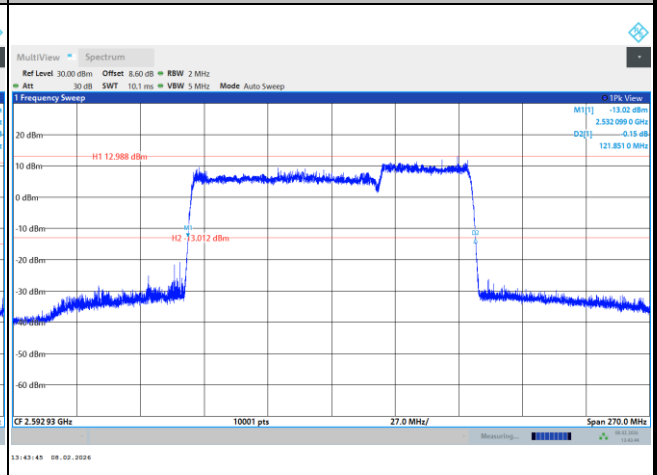
16QAM



64QAM



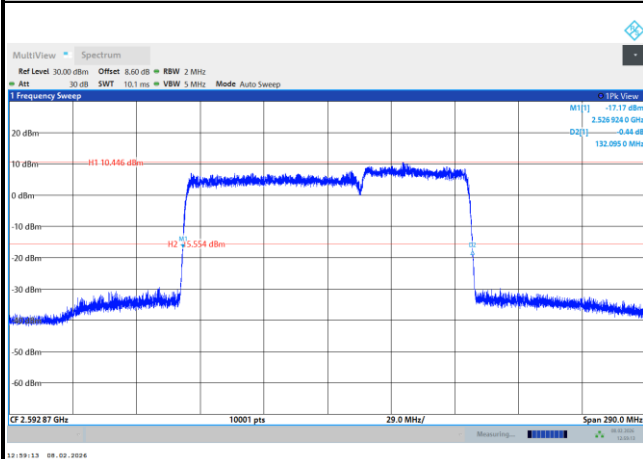
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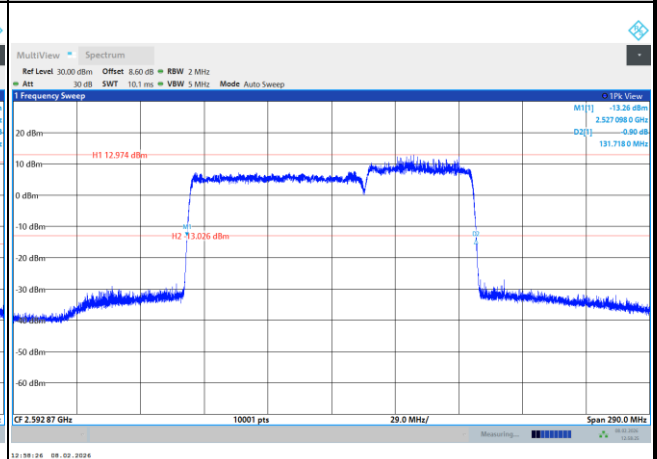


FR1 n41C / 80M50M / CP / Middle Channel / Full RB

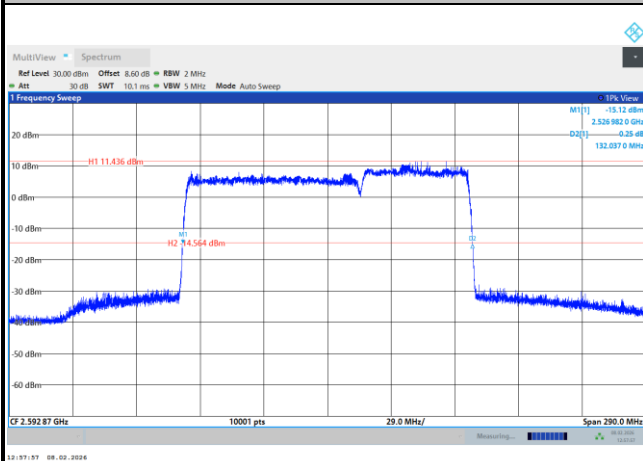
QPSK



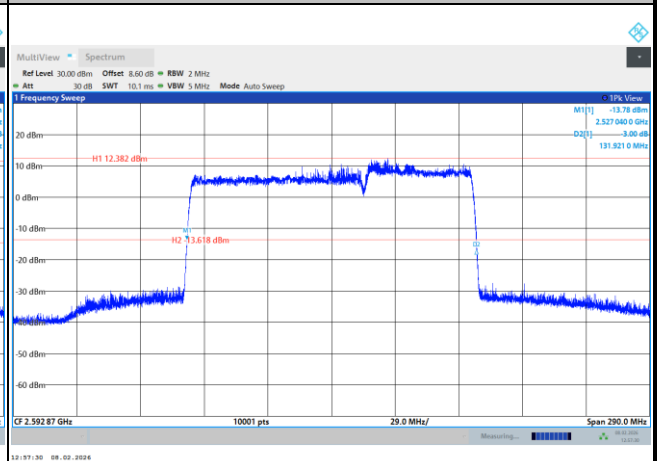
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64QAM



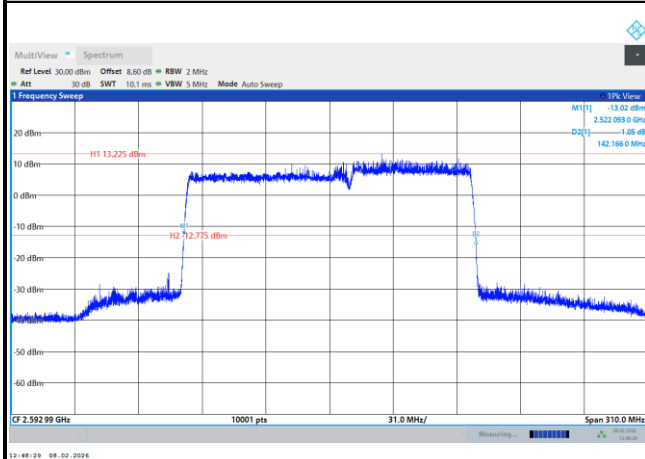
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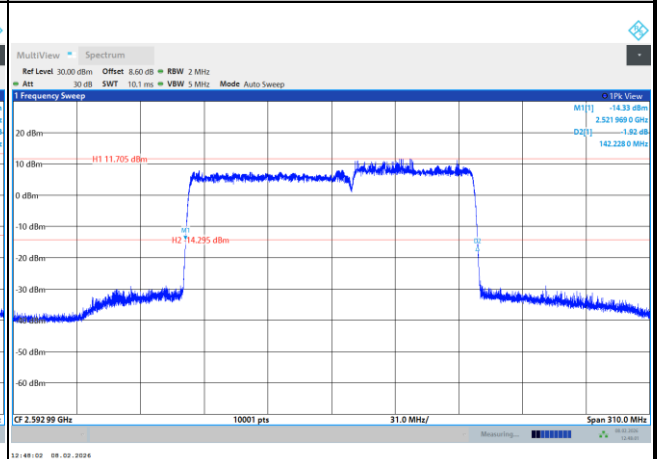


FR1 n41C / 80M60M / CP / Middle Channel / Full RB

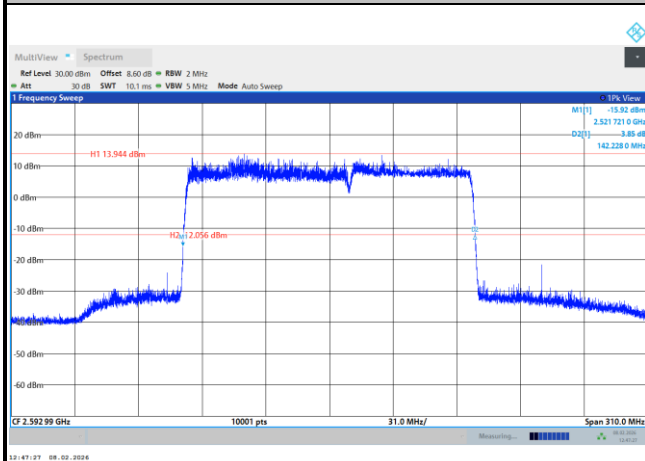
QPSK



16QAM



64QAM



256QAM

