

TEST REPORT

Report Number: R16238088-E1V1

Applicant : Samsung Electronics Co Ltd
129, Samsung-ro, Yeongtong-gu, Suwon-si,
Gyeonggi-do, 16677, Rep. of Korea

Model : SM-F976U, SM-F976U1

FCC ID : A3LSMF976U

EUT Description : GSM/WCDMA/LTE/NR/SCS/NTN Phone + BT/BLE, DTS/UNII
a/b/g/n/ac/ax/be, UWB, WPT and NFC

Test Standard : FCC 47 CFR PART 30 MOBILE TRANSMITTER

Date Of Issue:
2026-04-29

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Revision History

<u>Rev.</u>	<u>Issue Date</u>	<u>Revisions</u>	<u>Revised By</u>
V1	2026-04-29	Initial Release	Mike Antola

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1. ATTESTATION OF TEST RESULTS

COMPANY NAME: Samsung Electronics Co Ltd
129, Samsung-ro, Yeongtong-gu, Suwon-si,
Gyeonggi-do, 16677, Rep. of Korea

EUT DESCRIPTION: GSM/WCDMA/LTE/NR/SCS/NTN Phone + BT/BLE, DTS/UNII
a/b/g/n/ac/ax/be, UWB, WPT and NFC

SERIAL NUMBERS: EMC#1_ZBK0291M

SAMPLE RECEIVE DATE: 2026-03-03

DATE TESTED: 2026-03-04 to 2026-04-29

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC PART 30 Mobile Transmitter	Complies

UL LLC tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. All samples tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not taken into account unless noted otherwise.

This document may not be altered or revised in any way unless done so by UL LLC and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL LLC will constitute fraud and shall nullify the document.

Approved & Released For
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2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with following methods.

1. FCC CFR 47 Part 2
2. FCC CFR 47 Part 30
3. ANSI C63.26-2015
4. KDB 842590 D01 Upper Microwave Flexible Use Service v01r03
5. KDB 971168 D01 Power Meas. License Digital Systems v03r01

3. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 2800 Perimeter Park Dr., Suite B, Morrisville, NC 27560, USA. The following table identifies which facilities were utilized for radiated emission measurements documented in this report. Specific facilities are also identified in the test results sections.

2800 Perimeter Park Dr.	12 Laboratory Dr.
☐ Chamber 1	☐ Chamber A
☒ Chamber 2	☐ Chamber C
☒ Chamber 3 - mmWave	
☒ Chamber 4	
☐ Chamber 5 - mmWave	

UL LLC is accredited by A2LA, Cert. No. 751.06, for all testing performed within the scope of this report. Testing was performed at the locations noted below.

	Address	ISED CABID	ISED Company Number	FCC Registration
☐	12 Laboratory Drive Durham, NC 27713, U.S.A.	US0067	2180C	825374
☒	2800 Perimeter Dr., Suite B, Morrisville, NC 27560, U.S.A.		27265	

Chambers 3 & 5 are fully anechoic chambers dedicated to make measurements to TRP limits from 18-40 GHz, and field strength, EIRP and TRP measurements at and above 40 GHz. The measurement antenna is nominally 1.5 m high in accordance with C63.10-2020 procedures developed by the C63 mmWave Joint Task Group for inclusion in the next editions of C63.10 and C63.26, and applicable FCC KDB documents. The absorber reflectivity fully supports chamber performance over this frequency range. The dimensions of the chambers are approximately 6.7m (L) by 3.7m (W) by 3.1m (H).

4. CALIBRATION AND UNCERTAINTY

4.1. METROLOGICAL TRACEABILITY

All test and measuring equipment utilized to perform the tests documented in this report are calibrated on a regular basis, with a maximum time between calibrations of one year or the manufacturers' recommendation, whichever is less, and where applicable is traceable to recognized national standards.

4.2. DECISION RULES

The Decision Rule is based on Simple Acceptance in accordance with ISO Guide 98-4:2012 Clause 8.2. (Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

4.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

PARAMETER	U _{LAB}
Worst Case Radiated Disturbance, 9 kHz to 30 MHz	2.52 dB
Worst Case Radiated Disturbance, 30 to 1000 MHz	4.88 dB
Worst Case Radiated Disturbance, 1000 to 18000 MHz	4.24 dB
Worst Case Radiated Disturbance, 18000 to 26000 MHz	4.39 dB
Worst Case Radiated Disturbance, 26000 to 40000 MHz	5.19 dB
Worst Case TRP, 26000 to 40000 MHz	4.97 dB
Worst Case Radiated Disturbance >40000 MHz	2.87 dB
Worst Case TRP, >40000 MHz	2.96 dB
Temperature	±0.9 °C

Uncertainty figures are valid to a confidence level of 95%.

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

The EUT is a mobile handset containing GSM/WCDMA/LTE/NR/SCS/NTN Phone + BT/BLE, DTS/UNII a/b/g/n/ac/ax/be, UWB, WPT and NFC technologies.

This test report covers the TDD 5G NR operational mode on the following frequency bands:

n258: 24.25 - 24.45 GHz (denoted as n258 SB1 in this test report)

n258: 24.75 - 25.25 GHz (denoted as n258 SB2 in this test report)

n260: 37 - 40 GHz

n261: 27.50 - 28.35 GHz

The EUT supports SISO, SISO-DUAL and MIMO antenna configuration modes in following UE channel bandwidths configurations:

- n258 SB1:
 - o 50 MHz, with 120 kHz SCS and up to 4 component carriers (1CC to 4CC) for carrier aggregation technique
 - o 100 MHz, with 120 kHz SCS and up to 2 component carriers (1CC to 2CC) for carrier aggregation technique
- n258 SB2:
 - o 50/100 MHz, with 120 kHz SCS and up to 4 component carriers (1CC to 4CC) for carrier aggregation technique
- n260:
 - o 50/100 MHz, with 120 kHz SCS and up to 4 component carriers (1CC to 4CC) for carrier aggregation technique
- n261:
 - o 50/100 MHz, with 120 kHz SCS and up to 4 component carriers (1CC to 4CC) for carrier aggregation technique

The SISO mode operates with either the horizontal or vertical elements active. The SISO-DUAL mode operates with both horizontal and vertical elements active at the same power level per polarization as the SISO mode. Similarly, the MIMO mode operates with both horizontal and vertical elements active. MIMO mode only supports CP-OFDM access scheme, but SISO-DUAL supports both CP-OFDM and DFT-s-OFDM access schemes. DFT-s-OFDM operates at higher power than CP-OFDM.

$\pi/2$ BPSK, QPSK, 16QAM and 64QAM modulation formats are used in all three SISO, SISO-DUAL and MIMO modes.

5.2. DESCRIPTION OF AVAILABLE ANTENNAS

The EUT utilizes a dual-polarized patch antenna array. The peak antenna gains of cross polarization of each antenna, based on frequency bands, are listed in the following table.

Frequency Band	Peak Gain (dBi)
n258	9.78
n260	10.99
n261	10.81

5.3. MAXIMUM OCCUPIED BANDWIDTH AND EIRP

Maximum Occupied Bandwidth based on frequency bands and antenna:

Band	Control System	Ch. BW (MHz)	CC's Active	OBW (MHz)	Emission Designator	Modulation
n258 SB1	SISO-DUAL	50	4	194.969	195MG7W	QPSK
n258 SB2	MIMO	100	4	392.018	392MG7W	QPSK
n260	MIMO	100	4	393.911	394MG7W	QPSK
n261	MIMO	100	4	392.426	392MG7W	QPSK

Maximum Average EIRP based on frequency bands and antenna:

Band	Control System	Ch. BW (MHz)	CC's Active	Avg EIRP		Modulation
				dBm	W	
n258 SB1	SISO-DUAL	50	1	30.87	1.22	$\pi/2$ BPSK
n258 SB2	SISO-DUAL	50	1	29.88	0.97	QPSK
n260	SISO-DUAL	100	1	31.61	1.45	16QAM
n261	SISO-DUAL	100	1	31.56	1.43	QPSK

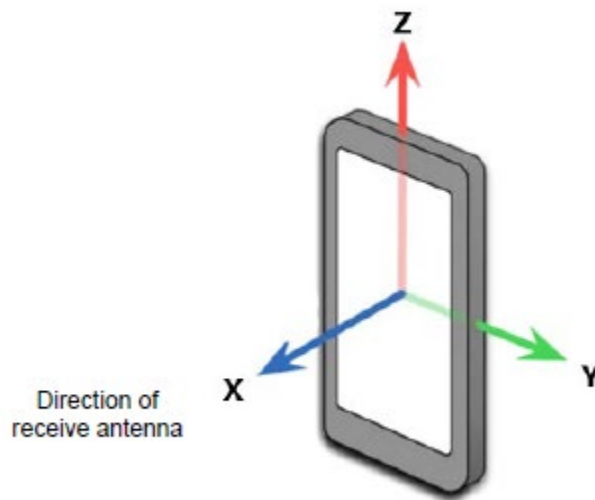
5.4. WORST CASE ORIENTATION

For all 5G NR FR2 Bands, the worst-case scenario for all measurements is based on the EIRP measurement investigation results. EIRPs were measured on $\pi/2$ BPSK, QPSK, 16QAM and 64QAM modulations. It was found that QPSK results in SISO-DUAL supporting DFT-s-OFDM were worst case.

The EUT is considered a “flip phone” and can be operated in two unique operating states – phone “open” and phone “closed”. Preliminary investigations were performed in each of these configurations, and it was found that the phone “closed” operating state yielded the worst-case results. As such, all testing was performed in this configuration.

The fundamental and radiated spurious emission were investigated in three orthogonal planes, XY (azimuth), XZ (roll and elevation) and YZ (receive antenna polarization), where applicable on both antenna arrays.

In exploratory scans, the EUT is placed on an open-air fixture, allowing no blockage of the signal as measured by the receive antenna. The positioners, one at a time, perform a sweep taking EIRP readings using peak detection at small increments of step size. The positioner is then moved to its maximum EIRP orientation found during the sweep, and the next positioner will repeat the scan process. Once all positioners have individually scanned, the positioners will execute an additional set of scans for increased accuracy to identify the final optimum position resulting in highest EIRP for the frequency or band under investigation.



5.5. BEAM ID

Beam ID combinations were provided based on simulated power density results. In all tests, the following Beam ID settings were applied for final measurements, as they were found to yield the highest EIRP.

Antenna Configuration	Channel	n261		n260		n258 (SB1)		n258 (SB2)	
SISO	Low	18		275		273		273	
	Mid	18		270		14		14	
	High	18		13		14		14	
SISO-DUAL / MIMO	Low	18	274	15	271	14	270	14	270
	Mid	18	274	19	275	14	270	14	270
	High	14	270	14	270	20	276	20	276

5.6. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

PERIPHERAL SUPPORT EQUIPMENT LIST			
Description	Manufacturer	Model	Serial Number
Laptop	Lenovo	T14 Gen 3	PK4FKW01

I/O CABLES

I/O Cable List					
Cable No.	Port	# of identical ports	Cable Type	Cable Length (m)	Remarks
1	USB	1	USB-C	< 3M	None

TEST SETUP

Radiated spurious emission measurements from 9kHz – 18GHz were performed in a semi-anechoic chamber (SAC) conforming to the normalized site attenuation requirements specified in ANSI C63.4a from 30MHz - 1GHz and the site validation criteria per CISPR 16-1-4: 2019 over the frequency range 1 – 18GHz.

Radiated power (EIRP) measurements of the fundamental signal and radiated spurious emissions (EIRP and TRP) measurements above 18GHz were performed in fully anechoic chambers. In accordance with ANSI C63.26 and KDB 842590 D01 v01r03, the chambers meet the sVSWR validation requirements per CISPR 16-1-4: 2019 over the frequency range 1 – 18GHz. As required by ANSI C63.26, the reflection contributions are reduced to the extent possible to allow for measurements to be made up to 200GHz in accordance with KDB 842590. The chamber absorber reflectivity fully supports chamber performance over this frequency range.

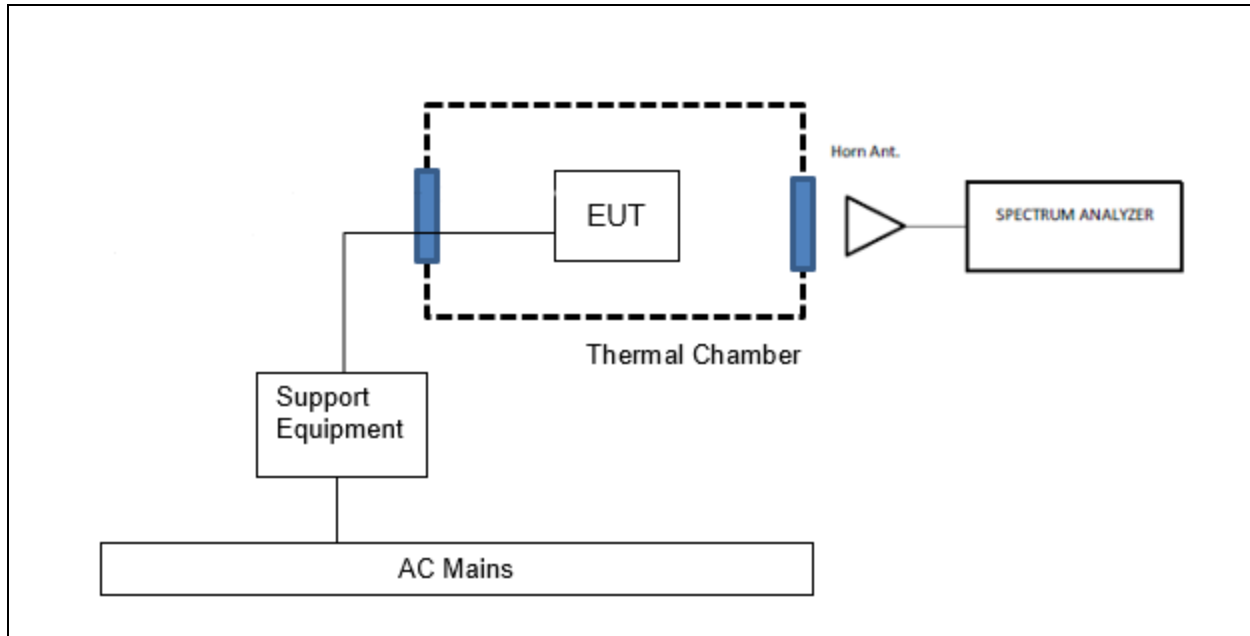
A roll-axis positioner was used to manipulate the EUT through the positions in space. The positioner was mounted on top of a turntable, bringing the EUT's antenna height on the test fixture to 1.5-meter from the ground plane. The test procedure for exploratory scan and final measurements are described in Section 5.4.

All testing was performed in non-signaling, stand-alone using FTM (Factory Test Mode). FTM software was used to configure the EUT at continuous TX operation in EN-DC mode. When implemented out in the field, the EUT will operate with a maximum uplink configuration (i.e., a maximum uplink duty cycle of 100%).

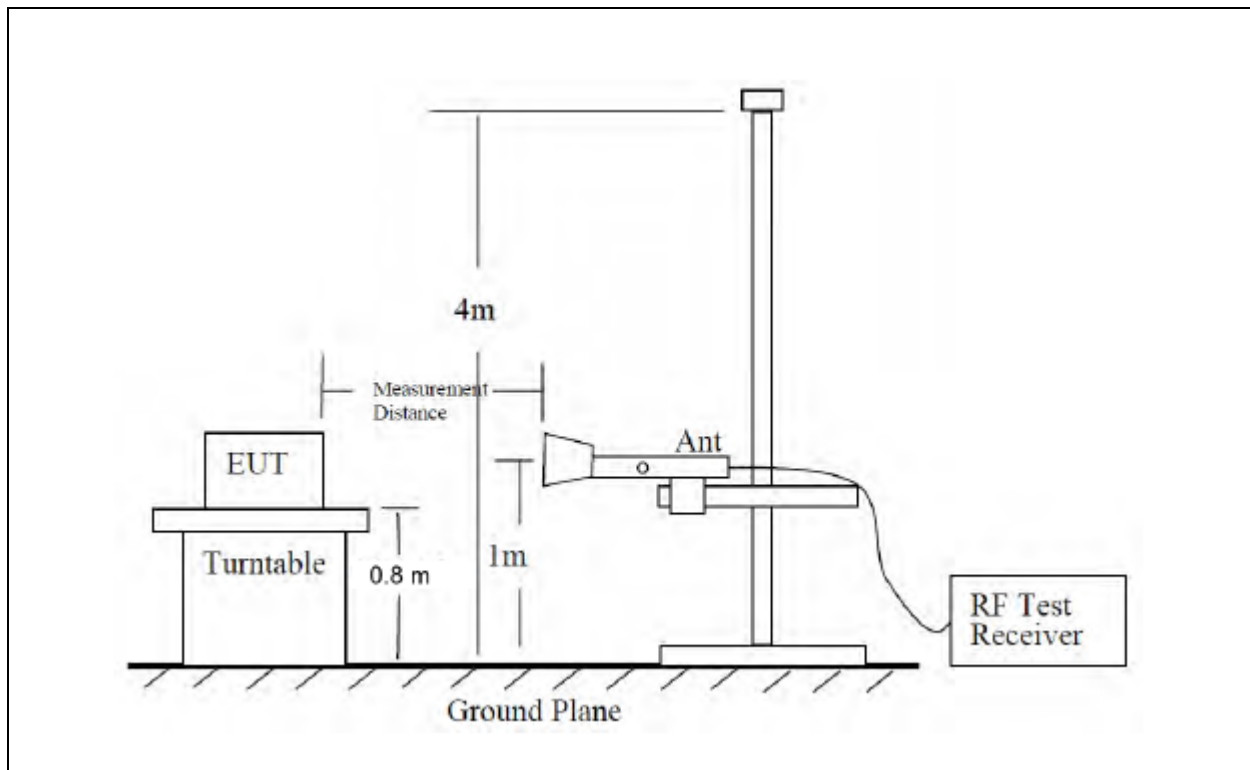
SETUP DIAGRAM FOR TESTS

Please refer to report R16238088-EP1 for setup diagram.

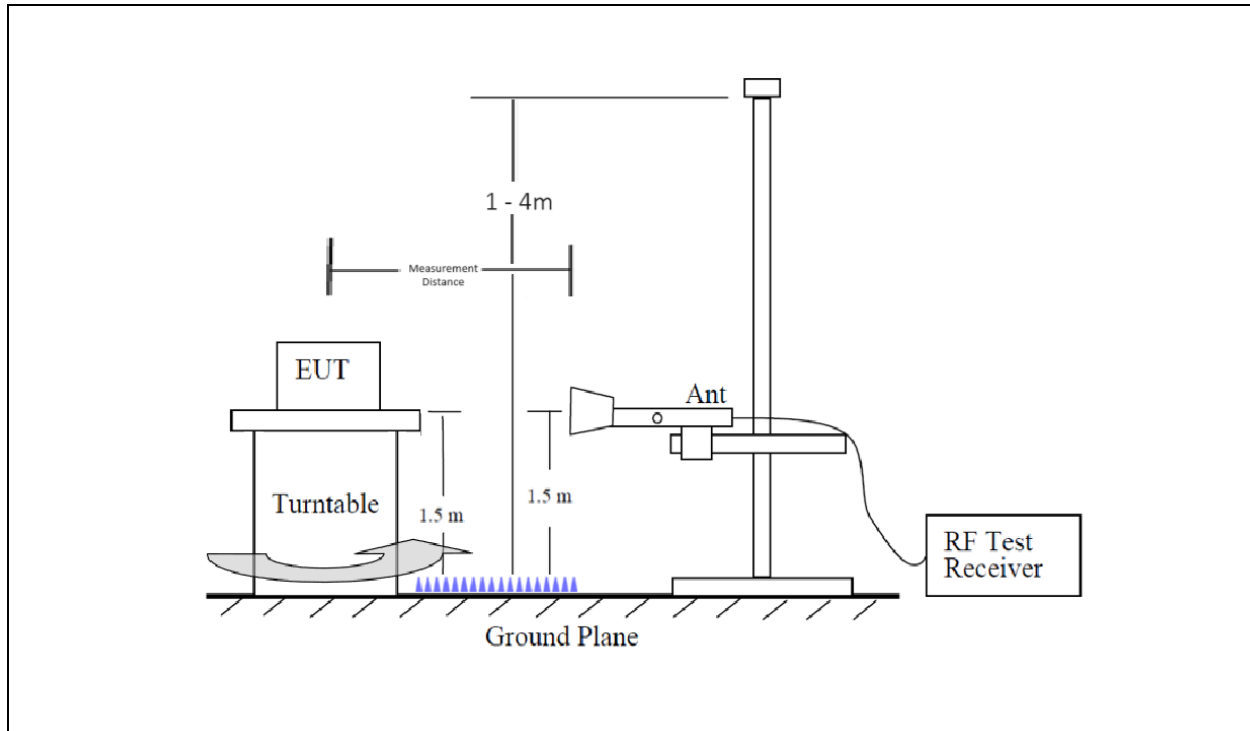
FREQUENCY STABILITY



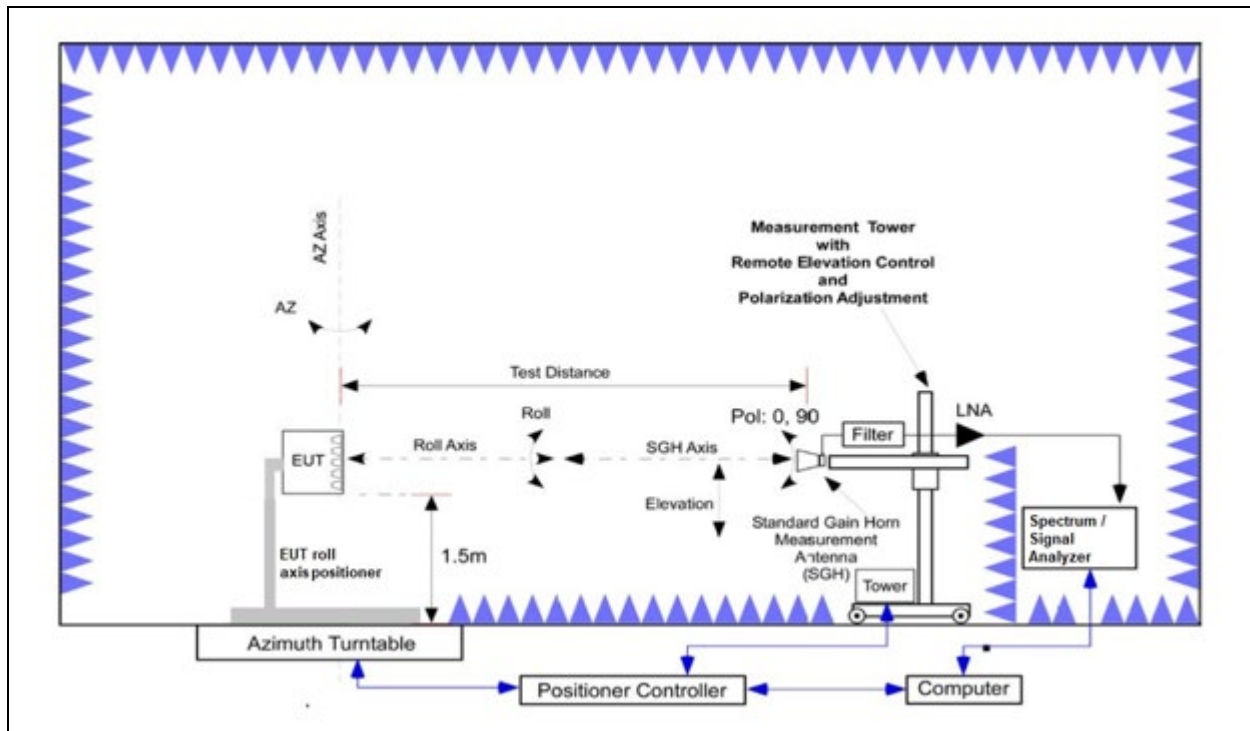
TEST SITE DIAGRAM – BELOW 1 GHz



TEST SITE DIAGRAM – 1-18 GHz



TEST SITE DIAGRAM – ABOVE 18 GHz



FAR-FIELD DISTANCE AND MEASUREMENT DISTANCE

The measurement distance is in the far field per formula $2D^2/\lambda$ where D is the larger dimension of the antenna.

For fundamental or band edge emissions, the largest far-field distance of either the EUT antenna or measurement antenna shall be used. For above 18 GHz spurious emissions, the far-field distance will be based on the measured antenna. In this case, the measurement antenna has the largest far-field distance. The EUT is manipulated through all orthogonal planes representative of its typical use to achieve the highest EIRP reading on the receive spectrum analyzer.

Frequency Range (GHz)	Wavelength (m)	Far Field Distance (m)	Measurement Distance Used (m)
18-26.5	0.0113	1.90	3
26.5-40	0.0075	1.46	3
40-50	0.0060	1.01	3
50-75	0.0040	0.66	3
75-110	0.0027	0.44	3
110-170	0.0018	0.29	3
170-200	0.0012	0.19	1

Radiated power levels are investigated while the receive antenna was rotated through all angles to determine the worst-case polarization/positioning.

6. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the tests documented in this report:

Test Equipment Used - mmWave Test Equipment (Morrisville – Chamber 3)

Equip. ID	Description	Manufacturer	Model Number	Last Cal.	Next Cal.
	18-40 GHz				
204907	Horn Antenna, 18-26.5GHz	Com Power	AH-826	2026-02-01	2027-02-01
204908	Horn Antenna, 26.5-40GHz	Com Power	AH-640	2026-02-01	2027-02-01
	40-50 GHz				
206209	Standard Gain Horn, 40-50GHz	Custom Microwave Inc.	HO22R	2026-02-01	2027-02-01
205910	Low Noise Amplifier	Eravant	SBL-3335033040-2222-E1	2025-04-25	2026-04-25
207949	Band Pass Filter	Eravant	SWF-4510460-2F2F-B1	2025-04-25	2026-04-25
	50-75 GHz				
206203	Standard Gain Horn, 50-75GHz	Custom Microwave Inc.	HO15R	2026-02-01	2027-02-01
206607	WR15 Downconverter	VDI	WR15.0SAX-F	2025-04-24	2026-04-24
205911	Low Noise Amplifier	Eravant	SBL-5037531850-1515-E1	2025-04-28	2026-04-28
	75-110 GHz				
206222	Standard Gain Horn, 75-110GHz	Custom Microwave Inc.	HO10R	2026-02-01	2027-02-01
207249	WR10 Downconverter	VDI	WR10.0SAX-F	2025-04-24	2026-04-24
205913	Low Noise Amplifier	Eravant	SBL-7531142050-1010-E1	2025-04-28	2026-04-28
	110-170 GHz				
206242	Standard Gain Horn, 110-170GHz	Custom Microwave Inc.	HO6R	2026-02-01	2027-02-01
206555	WR6.5 Downconverter	VDI	WR6.5SAX-F	2025-04-24	2026-04-24
205912	Low Noise Amplifier	Eravant	SBL-1141741860-0606-E1	2025-05-01	2026-05-01
	170-200 GHz				
206244	Standard Gain Horn, 170-260GHz	Custom Microwave Inc.	HO4R	2026-02-01	2027-02-01
206556	WR4.3 Downconverter	VDI	WR4.3SAX-F	2025-04-24	2026-04-24
	Receiver & Software				
214284	Spectrum Analyzer	Rohde & Schwarz	FSW50	2025-03-14	2026-03-31
206459	Spectrum Analyzer	Rohde & Schwarz	FSW50	2025-09-15	2026-09-15
mmWave	mmWave Software	UL	V2022.7.29		

Equip. ID	Description	Manufacturer	Model Number	Last Cal.	Next Cal.
	Additional Equipment used				
239539	Environmental Meter	Fisher Scientific	15-077-963	2025-08-05	2027-08-05

Note: All equipment was in calibration at the time of test.

All horn antennas at and above 18 GHz are standard gain horns. In accordance with ANSI C63.26: 2015 clause 4.5.3 (a), standard gain horns need not be periodically recalibrated, unless damage or deterioration is suspected or known to have occurred. If a standard gain horn is not periodically recalibrated, then its critical dimensions (see IEEE Std 1309-2005) shall be verified and documented on an annual basis.

UL measures the critical dimensions on an annual basis and checks for damage and deterioration before each test.

Test Equipment Used – Frequency Stability

Equip. ID	Description	Manufacturer	Model Number	Last Cal.	Next Cal.
	Conducted Room 1				
206459	Spectrum Analyzer	Rohde & Schwarz	FSW50	2025-09-15	2026-09-15
CBL206	RF Cable	Huber+Suhner	11SK/11SK	2025-04-24	2026-04-24
207726	Temp/Humid Chamber	Thermotron	SM-32-8200	2026-02-02	2027-02-02
179892	Environmental Meter	Fisher Scientific	15-077-963	2025-08-05	2026-08-05

Test Equipment Used - Radiated Disturbance Emissions Test Equipment (Morrisville – Chamber 4)

Equip. ID	Description	Manufacturer	Model Number	Last Cal.	Next Cal.
	30-1000 MHz				
90628	Hybrid Broadband Antenna	Sunol Sciences Corp.	JB3	2026-02-09	2028-02-09
	Gain-Loss Chains				
207639	Gain-loss string: 25-1000MHz	Various	Various	2025-06-13	2026-06-13
	Receiver & Software				
197954	Spectrum Analyzer	Rohde & Schwarz	ESW44	2025-04-21	2026-04-21
SOFTEMI	EMI Software	UL	Version 9.5 (18 Oct 2021)		
	Additional Equipment used				
241204	Environmental Meter	Fisher Scientific	15-077-963	2025-08-05	2027-08-05

Test Equipment Used - Radiated Disturbance Emissions Test Equipment (Morrisville – Chamber 2)

Equip. ID	Description	Manufacturer	Model Number	Last Cal.	Next Cal.
	0.009-30MHz				
65682	Active Loop Antenna	ETS-Lindgren	6502	2025-10-14	2027-10-14
	1-18 GHz				
86408	Double-Ridged Waveguide Horn Antenna, 1 to 18 GHz	ETS Lindgren	3117	2025-07-15	2027-07-15
	Gain-Loss Chains				
91975	Gain-loss string: 0.009-30MHz	Various	Various	2025-05-31	2026-05-31
91977	Gain-loss string: 1-18GHz	Various	Various	2025-05-31	2026-05-31
	Receiver & Software				
197955	Spectrum Analyzer	Rohde & Schwarz	ESW44	2025-07-29	2026-07-29
SOFTEMI	EMI Software	UL	Version 9.5 (18 Oct 2021)		
	Additional Equipment used				
239540	Environmental Meter	Fisher Scientific	15-077-963	2025-08-05	2027-08-05

7. SUMMARY TABLE

FCC Part Section	Test Description	Test Limit	Test Condition	Test Result
2.1049	Occupied Bandwidth	N/A	Radiated	Compliant
2.1046 30.202	Equivalent Isotropic Radiated Power (EIRP)	+43 dBm	Radiated	Compliant
2.1051 30.203	Out-of-Band Emissions at the Band Edge	-13 dBm/MHz for All out-of-band emissions. -5 dBm/MHz from the band edge up to 10% of the channel BW	Radiated	Compliant
2.1051 2.947(f) 30.203(a)(b)	Spurious Emissions	-13 dBm/MHz for all out-of-band emissions	Radiated	Compliant
2.1051 2.947(f) 30.203(d)(2)	Spurious Emissions	-35dBW/200 MHz (mobile stations) in the 23.6 - 24.0 GHz band	Radiated	Compliant
2.1055	Frequency Stability	Fundamental emissions are contained within allocated frequency band	Radiated	Compliant

8. APPLICABLE LIMITS AND TEST RESULTS

8.1. OCCUPIED BANDWIDTH

RULE PART

FCC: §2.1049

LIMIT

For reporting purposes only

TEST PROCEDURES

99% bandwidth measurement function of the signal analyzer was used to measure 99% occupied.

- RBW = 1 – 5% of OBW
- VBW $\geq 3 \times$ RBW
- Detector = Peak
- Trace mode = Max Hold
- Sweep = Auto Couple
- The trace was allowed to stabilize

KDB 842590 D01 Upper Microwave Flexible Use Service v01r03 Section 4.3
ANSI C63.26-2015 Clause 5.4.4.

All modulations were investigated in SISO-DUAL mode and only QPSK modulation in SISO and MIMO modes with Full RB allocation to determine worst case configuration. All modes of operation were investigated, and results are reported in this section.

To minimize report size, plots of Full RB, SISO-DUAL, QPSK, Mid Channel of all channel bandwidths are provided to demonstrate the test parameter setting on signal analyzer. The tabular data includes data for the other combination of test modes.

RESULTS

See the following pages.

TESTED BY

Employee IDs: 115705/11322, 116034/11322
Test Dates: 2026-03-04 to 2026-03-18
Test Location: Chamber 3

8.1.1. n258 SB1 RESULTS – 50MHz BANDWIDTH

Modulation	CCs Active	RB (Size/Offset)	Control System	Channel	Measured OBW (MHz)
QPSK	1	32/0	SISO-D	Low	46.592
QPSK	1	32/0	SISO-D	Mid	46.585
QPSK	1	32/0	SISO-D	High	46.113
QPSK	2	32/0	SISO-D	Low	95.234
QPSK	2	32/0	SISO-D	Mid	95.070
QPSK	2	32/0	SISO-D	High	95.662
QPSK	3	32/0	SISO-D	Low	145.645
QPSK	3	32/0	SISO-D	Mid	145.255
QPSK	3	32/0	SISO-D	High	145.467
QPSK	4	32/0	SISO-D	Low	193.868
QPSK	4	32/0	SISO-D	Mid	193.76
QPSK	4	32/0	SISO-D	High	194.969
QPSK	1	32/0	MIMO	Low	46.322
QPSK	1	32/0	MIMO	Mid	46.281
QPSK	1	32/0	MIMO	High	46.195
QPSK	2	32/0	MIMO	Low	95.488
QPSK	2	32/0	MIMO	Mid	95.302
QPSK	2	32/0	MIMO	High	95.700
QPSK	3	32/0	MIMO	Low	144.964
QPSK	3	32/0	MIMO	Mid	145.172
QPSK	3	32/0	MIMO	High	145.156
QPSK	4	32/0	MIMO	Low	194.398
QPSK	4	32/0	MIMO	Mid	194.403
QPSK	4	32/0	MIMO	High	194.797
QPSK	1	32/0	SISO	Mid	46.056
QPSK	2	32/0	SISO	Mid	95.433
QPSK	3	32/0	SISO	Mid	145.308
QPSK	4	32/0	SISO	Mid	194.551
$\pi/2$ BPSK	1	32/0	SISO-D	Mid	46.498
$\pi/2$ BPSK	2	32/0	SISO-D	Mid	95.036
$\pi/2$ BPSK	3	32/0	SISO-D	Mid	145.371
$\pi/2$ BPSK	4	32/0	SISO-D	Mid	193.484
64QAM	1	32/0	SISO-D	Mid	46.467
64QAM	2	32/0	SISO-D	Mid	94.927
64QAM	3	32/0	SISO-D	Mid	145.268
64QAM	4	32/0	SISO-D	Mid	193.465
16QAM	1	32/0	SISO-D	Mid	46.592
16QAM	2	32/0	SISO-D	Mid	95.043
16QAM	3	32/0	SISO-D	Mid	145.315
16QAM	4	32/0	SISO-D	Mid	193.690

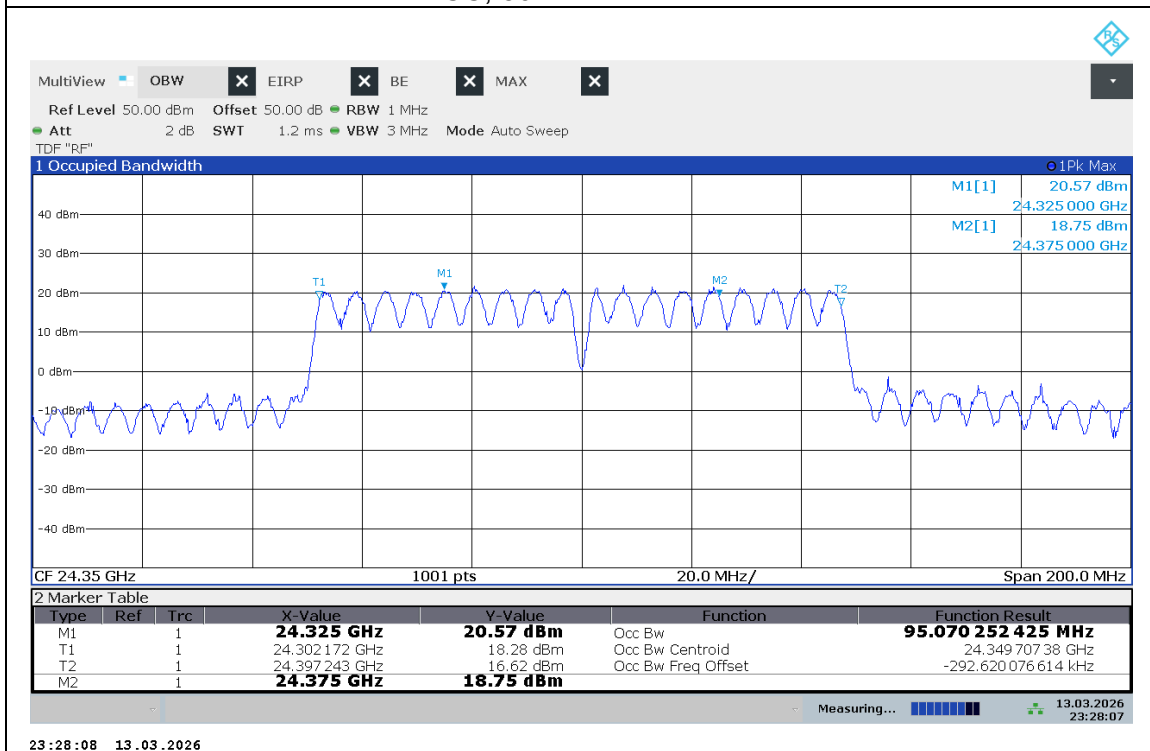
8.1.2. n258 SB1 RESULTS – 100MHz BANDWIDTH

Modulation	CCs Active	RB (Size/Offset)	Control System	Channel	Measured OBW (MHz)
QPSK	1	64/0	SISO-D	Low	91.190
QPSK	1	64/0	SISO-D	Mid	91.213
QPSK	1	64/0	SISO-D	High	91.319
QPSK	2	64/0	SISO-D	Low	191.017
QPSK	2	64/0	SISO-D	Mid	190.253
QPSK	2	64/0	SISO-D	High	190.536
QPSK	1	66/0	MIMO	Low	94.708
QPSK	1	66/0	MIMO	Mid	94.427
QPSK	1	66/0	MIMO	High	94.888
QPSK	2	66/0	MIMO	Low	193.565
QPSK	2	66/0	MIMO	Mid	193.249
QPSK	2	66/0	MIMO	High	193.474
QPSK	1	64/0	SISO	Mid	91.833
QPSK	2	64/0	SISO	Mid	190.707
$\pi/2$ BPSK	1	64/0	SISO-D	Mid	91.122
$\pi/2$ BPSK	2	64/0	SISO-D	Mid	190.484
64QAM	1	64/0	SISO-D	Mid	91.174
64QAM	2	64/0	SISO-D	Mid	190.078
16QAM	1	64/0	SISO-D	Mid	91.286
16QAM	2	64/0	SISO-D	Mid	190.484

n258 SB1, SISO-DUAL, QPSK, Mid Ch



1CC, 50MHz Bandwidth



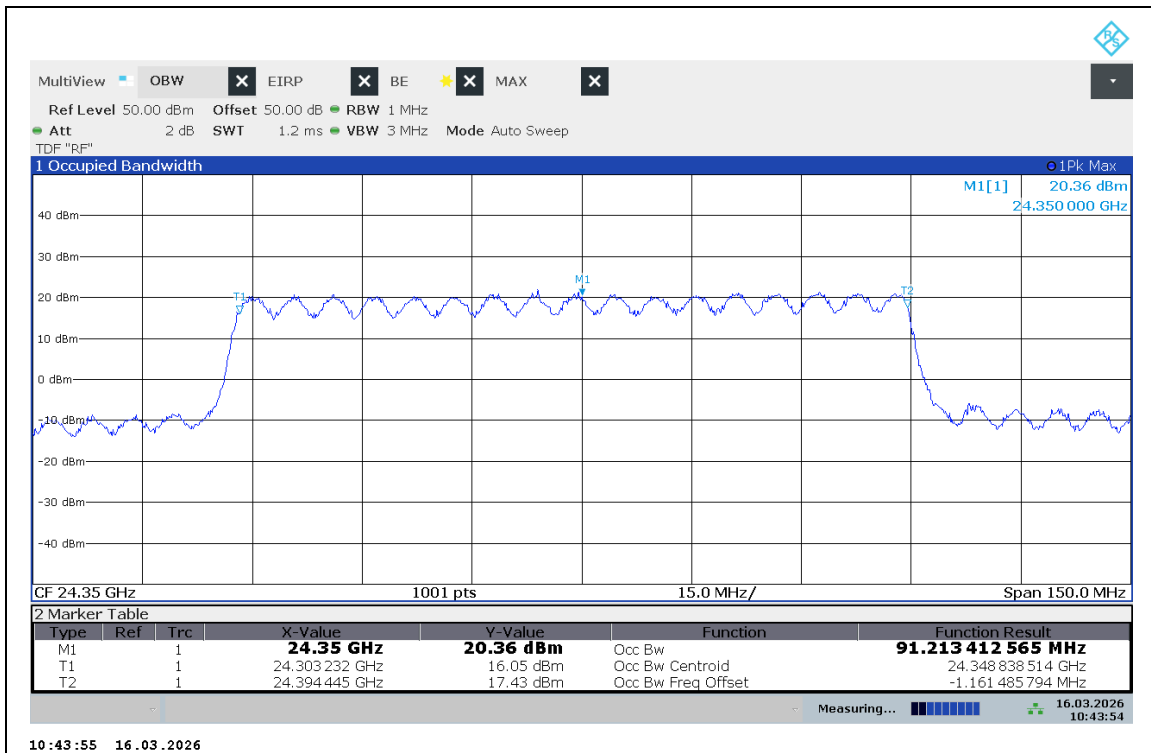
2CC, 50MHz Bandwidth



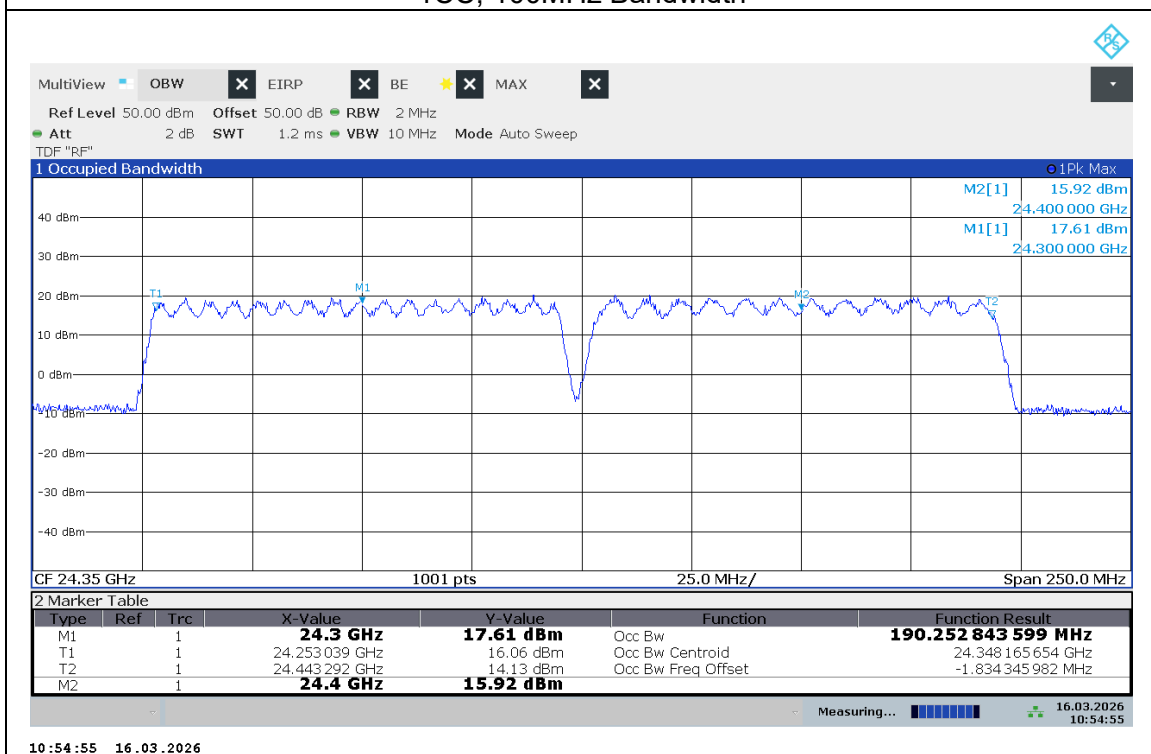
3CC, 50MHz Bandwidth



4CC, 50MHz Bandwidth



1CC, 100MHz Bandwidth



2CC, 100MHz Bandwidth

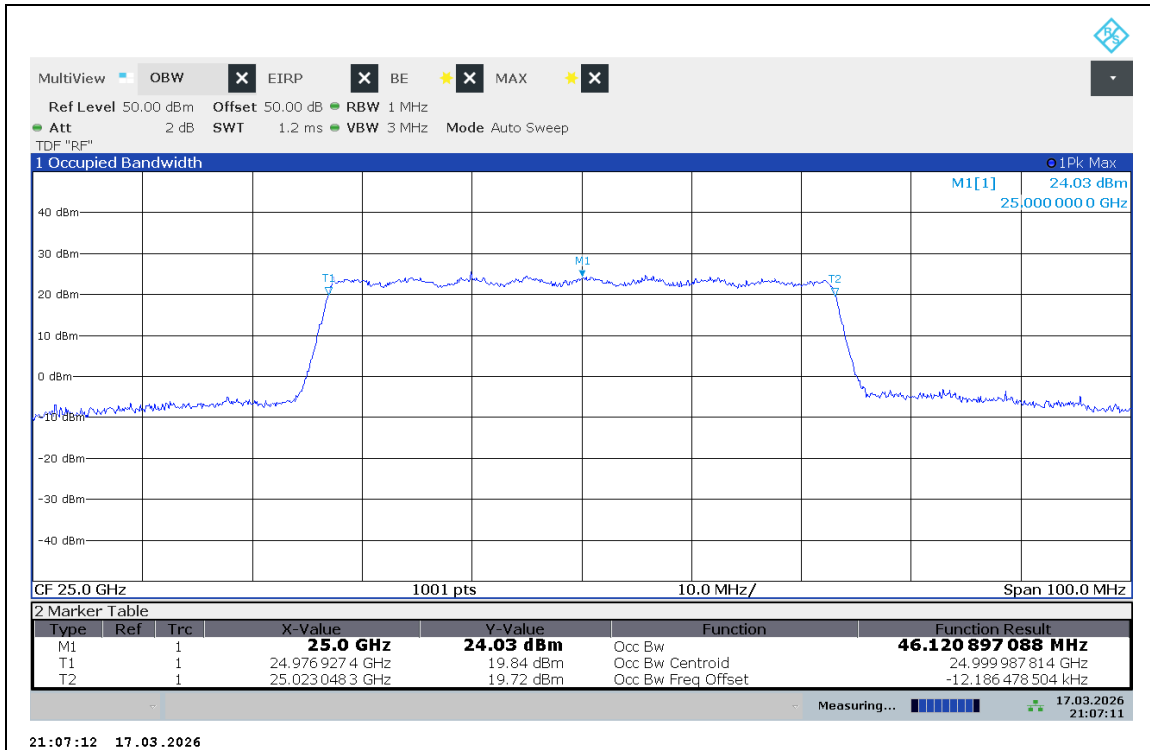
8.1.3. n258 SB2 RESULTS – 50MHz BANDWIDTH

Modulation	CCs Active	RB (Size/Offset)	Control System	Channel	Measured OBW (MHz)
QPSK	1	32/0	SISO-D	Low	46.142
QPSK	1	32/0	SISO-D	Mid	46.121
QPSK	1	32/0	SISO-D	High	45.931
QPSK	2	32/0	SISO-D	Low	95.743
QPSK	2	32/0	SISO-D	Mid	95.464
QPSK	2	32/0	SISO-D	High	95.273
QPSK	3	32/0	SISO-D	Low	145.149
QPSK	3	32/0	SISO-D	Mid	145.296
QPSK	3	32/0	SISO-D	High	145.192
QPSK	4	32/0	SISO-D	Low	192.829
QPSK	4	32/0	SISO-D	Mid	194.78
QPSK	4	32/0	SISO-D	High	195.222
QPSK	1	32/0	MIMO	Low	46.149
QPSK	1	32/0	MIMO	Mid	46.540
QPSK	1	32/0	MIMO	High	46.150
QPSK	2	32/0	MIMO	Low	95.378
QPSK	2	32/0	MIMO	Mid	95.342
QPSK	2	32/0	MIMO	High	95.476
QPSK	3	32/0	MIMO	Low	145.616
QPSK	3	32/0	MIMO	Mid	145.076
QPSK	3	32/0	MIMO	High	145.247
QPSK	4	32/0	MIMO	Low	194.222
QPSK	4	32/0	MIMO	Mid	194.319
QPSK	4	32/0	MIMO	High	194.764
QPSK	1	32/0	SISO	Mid	46.009
QPSK	2	32/0	SISO	Mid	95.294
QPSK	3	32/0	SISO	Mid	145.201
QPSK	4	32/0	SISO	Mid	194.652
$\pi/2$ BPSK	1	32/0	SISO-D	Mid	46.066
$\pi/2$ BPSK	2	32/0	SISO-D	Mid	95.438
$\pi/2$ BPSK	3	32/0	SISO-D	Mid	145.185
$\pi/2$ BPSK	4	32/0	SISO-D	Mid	194.829
64QAM	1	32/0	SISO-D	Mid	45.881
64QAM	2	32/0	SISO-D	Mid	95.175
64QAM	3	32/0	SISO-D	Mid	145.197
64QAM	4	32/0	SISO-D	Mid	194.792
16QAM	1	32/0	SISO-D	Mid	46.103
16QAM	2	32/0	SISO-D	Mid	95.450
16QAM	3	32/0	SISO-D	Mid	145.129
16QAM	4	32/0	SISO-D	Mid	194.418

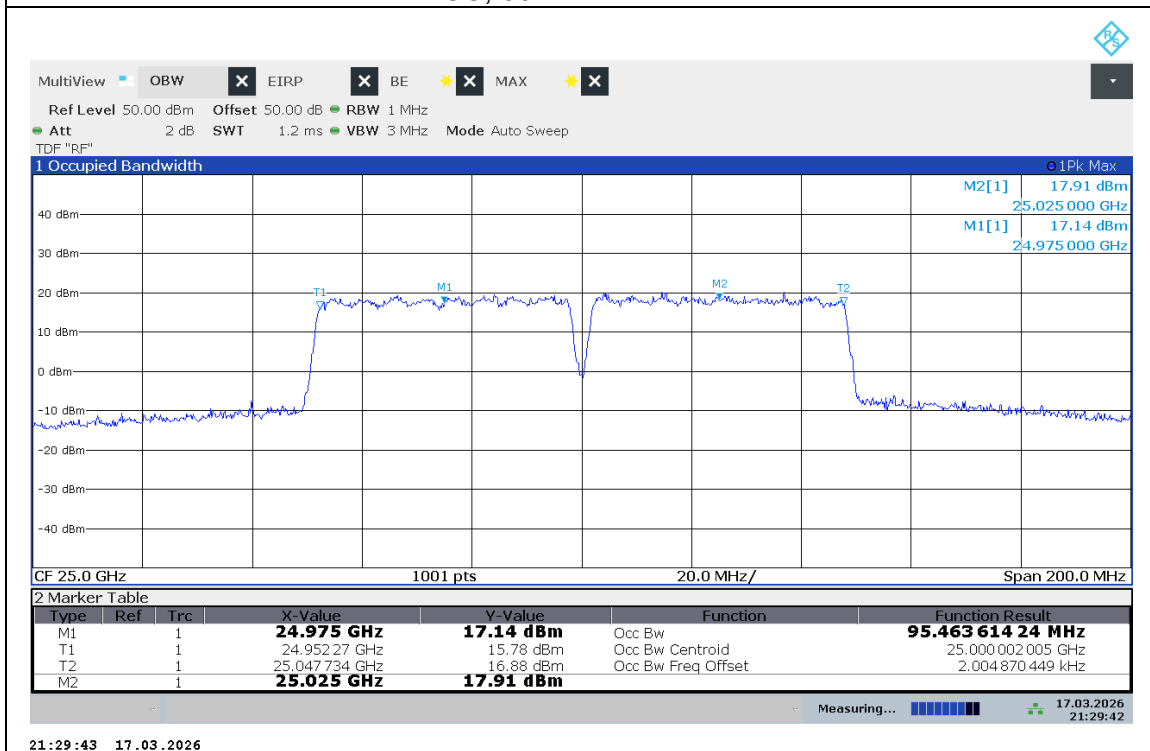
8.1.4. n258 SB2 RESULTS – 100MHz BANDWIDTH

Modulation	CCs Active	RB (Size/Offset)	Control System	Channel	Measured OBW (MHz)
QPSK	1	64/0	SISO-D	Low	91.655
QPSK	1	64/0	SISO-D	Mid	91.377
QPSK	1	64/0	SISO-D	High	91.652
QPSK	2	64/0	SISO-D	Low	191.595
QPSK	2	64/0	SISO-D	Mid	190.676
QPSK	2	64/0	SISO-D	High	190.927
QPSK	3	64/0	SISO-D	Low	289.897
QPSK	3	64/0	SISO-D	Mid	289.305
QPSK	3	64/0	SISO-D	High	289.929
QPSK	4	64/0	SISO-D	Low	389.027
QPSK	4	64/0	SISO-D	Mid	389.428
QPSK	4	64/0	SISO-D	High	389.929
QPSK	1	66/0	MIMO	Low	94.665
QPSK	1	66/0	MIMO	Mid	94.506
QPSK	1	66/0	MIMO	High	94.695
QPSK	2	66/0	MIMO	Low	193.518
QPSK	2	66/0	MIMO	Mid	193.605
QPSK	2	66/0	MIMO	High	194.443
QPSK	3	66/0	MIMO	Low	292.429
QPSK	3	66/0	MIMO	Mid	289.847
QPSK	3	66/0	MIMO	High	292.668
QPSK	4	66/0	MIMO	Low	391.211
QPSK	4	66/0	MIMO	Mid	391.280
QPSK	4	66/0	MIMO	High	392.018
QPSK	1	64/0	SISO	Mid	91.506
QPSK	2	64/0	SISO	Mid	190.577
QPSK	3	64/0	SISO	Mid	289.442
QPSK	4	64/0	SISO	Mid	388.565
$\pi/2$ BPSK	1	64/0	SISO-D	Mid	91.258
$\pi/2$ BPSK	2	64/0	SISO-D	Mid	190.644
$\pi/2$ BPSK	3	64/0	SISO-D	Mid	289.547
$\pi/2$ BPSK	4	64/0	SISO-D	Mid	390.115
64QAM	1	64/0	SISO-D	Mid	91.327
64QAM	2	64/0	SISO-D	Mid	190.230
64QAM	3	64/0	SISO-D	Mid	289.396
64QAM	4	64/0	SISO-D	Mid	389.111
16QAM	1	64/0	SISO-D	Mid	91.376
16QAM	2	64/0	SISO-D	Mid	190.661
16QAM	3	64/0	SISO-D	Mid	289.543
16QAM	4	64/0	SISO-D	Mid	389.448

n258 SB2, SISO-DUAL, QPSK, Mid Ch



1CC, 50MHz Bandwidth



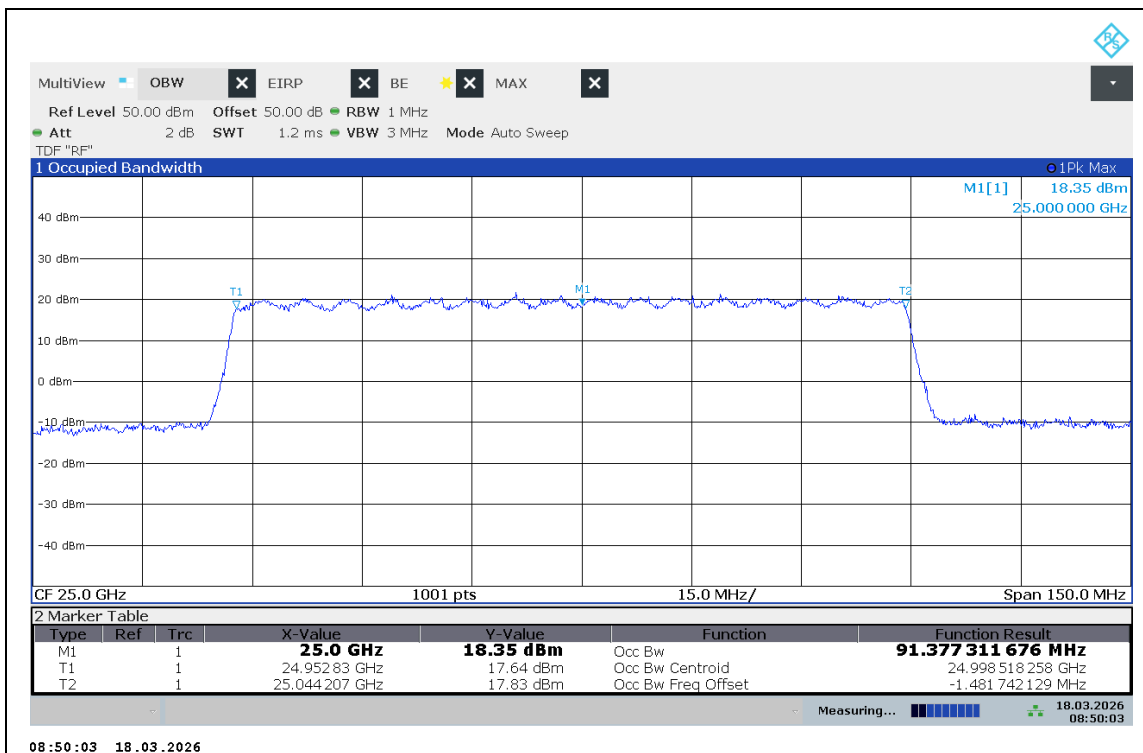
2CC, 50MHz Bandwidth



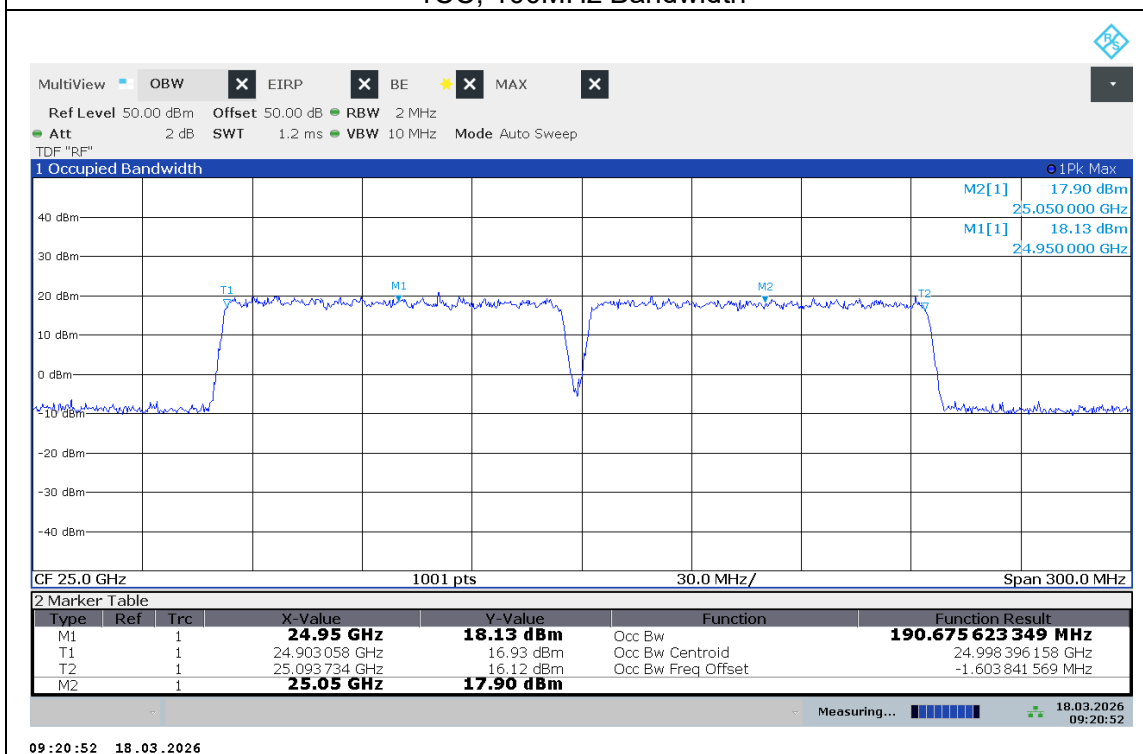
3CC, 50MHz Bandwidth



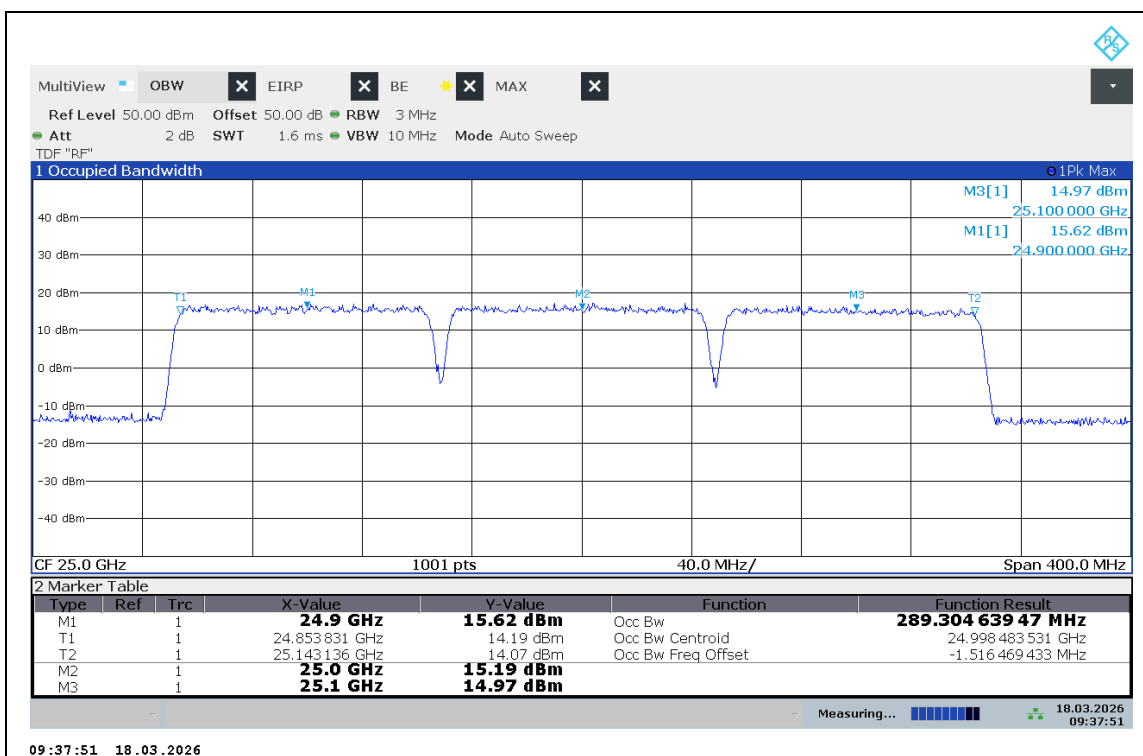
4CC, 50MHz Bandwidth



1CC, 100MHz Bandwidth



2CC, 100MHz Bandwidth



3CC, 100MHz Bandwidth



4CC, 100MHz Bandwidth

8.1.5. n260 RESULTS – 50MHz BANDWIDTH

Modulation	CCs Active	RB (Size/Offset)	Control System	Channel	Measured OBW (MHz)
QPSK	1	32/0	SISO-D	Low	46.377
QPSK	1	32/0	SISO-D	Mid	46.489
QPSK	1	32/0	SISO-D	High	46.786
QPSK	2	32/0	SISO-D	Low	95.848
QPSK	2	32/0	SISO-D	Mid	95.963
QPSK	2	32/0	SISO-D	High	96.187
QPSK	3	32/0	SISO-D	Low	145.410
QPSK	3	32/0	SISO-D	Mid	146.023
QPSK	3	32/0	SISO-D	High	145.544
QPSK	4	32/0	SISO-D	Low	194.967
QPSK	4	32/0	SISO-D	Mid	194.920
QPSK	4	32/0	SISO-D	High	194.463
QPSK	1	32/0	MIMO	Low	46.315
QPSK	1	32/0	MIMO	Mid	46.286
QPSK	1	32/0	MIMO	High	46.363
QPSK	2	32/0	MIMO	Low	95.512
QPSK	2	32/0	MIMO	Mid	95.549
QPSK	2	32/0	MIMO	High	95.657
QPSK	3	32/0	MIMO	Low	145.449
QPSK	3	32/0	MIMO	Mid	145.399
QPSK	3	32/0	MIMO	High	145.127
QPSK	4	32/0	MIMO	Low	194.714
QPSK	4	32/0	MIMO	Mid	194.837
QPSK	4	32/0	MIMO	High	195.080
QPSK	1	32/0	SISO	Mid	46.099
QPSK	2	32/0	SISO	Mid	95.578
QPSK	3	32/0	SISO	Mid	145.406
QPSK	4	32/0	SISO	Mid	194.993
$\pi/2$ BPSK	1	32/0	SISO-D	Mid	46.475
$\pi/2$ BPSK	2	32/0	SISO-D	Mid	95.915
$\pi/2$ BPSK	3	32/0	SISO-D	Mid	146.106
$\pi/2$ BPSK	4	32/0	SISO-D	Mid	194.948
64QAM	1	32/0	SISO-D	Mid	46.427
64QAM	2	32/0	SISO-D	Mid	95.994
64QAM	3	32/0	SISO-D	Mid	145.977
64QAM	4	32/0	SISO-D	Mid	195.287
16QAM	1	32/0	SISO-D	Mid	46.490
16QAM	2	32/0	SISO-D	Mid	95.932
16QAM	3	32/0	SISO-D	Mid	145.856
16QAM	4	32/0	SISO-D	Mid	195.016

8.1.6. n260 RESULTS – 100MHz BANDWIDTH

Modulation	CCs Active	RB (Size/Offset)	Control System	Channel	Measured OBW (MHz)
QPSK	1	64/0	SISO-D	Low	91.645
QPSK	1	64/0	SISO-D	Mid	91.113
QPSK	1	64/0	SISO-D	High	91.106
QPSK	2	64/0	SISO-D	Low	191.709
QPSK	2	64/0	SISO-D	Mid	191.844
QPSK	2	64/0	SISO-D	High	191.704
QPSK	3	64/0	SISO-D	Low	290.667
QPSK	3	64/0	SISO-D	Mid	291.814
QPSK	3	64/0	SISO-D	High	290.119
QPSK	4	64/0	SISO-D	Low	390.461
QPSK	4	64/0	SISO-D	Mid	390.734
QPSK	4	64/0	SISO-D	High	391.619
QPSK	1	66/0	MIMO	Low	95.012
QPSK	1	66/0	MIMO	Mid	96.080
QPSK	1	66/0	MIMO	High	94.881
QPSK	2	66/0	MIMO	Low	194.132
QPSK	2	66/0	MIMO	Mid	195.397
QPSK	2	66/0	MIMO	High	194.777
QPSK	3	66/0	MIMO	Low	293.494
QPSK	3	66/0	MIMO	Mid	295.097
QPSK	3	66/0	MIMO	High	293.915
QPSK	4	66/0	MIMO	Low	393.315
QPSK	4	66/0	MIMO	Mid	392.753
QPSK	4	66/0	MIMO	High	393.911
QPSK	1	64/0	SISO	Mid	91.596
QPSK	2	64/0	SISO	Mid	191.339
QPSK	3	64/0	SISO	Mid	289.915
QPSK	4	64/0	SISO	Mid	390.002
$\pi/2$ BPSK	1	64/0	SISO-D	Mid	91.293
$\pi/2$ BPSK	2	64/0	SISO-D	Mid	191.371
$\pi/2$ BPSK	3	64/0	SISO-D	Mid	292.345
$\pi/2$ BPSK	4	64/0	SISO-D	Mid	390.467
64QAM	1	64/0	SISO-D	Mid	91.287
64QAM	2	64/0	SISO-D	Mid	192.072
64QAM	3	64/0	SISO-D	Mid	290.651
64QAM	4	64/0	SISO-D	Mid	391.595
16QAM	1	64/0	SISO-D	Mid	91.253
16QAM	2	64/0	SISO-D	Mid	191.757
16QAM	3	64/0	SISO-D	Mid	291.605
16QAM	4	64/0	SISO-D	Mid	390.224

n260, SISO-DUAL, QPSK, Mid Ch



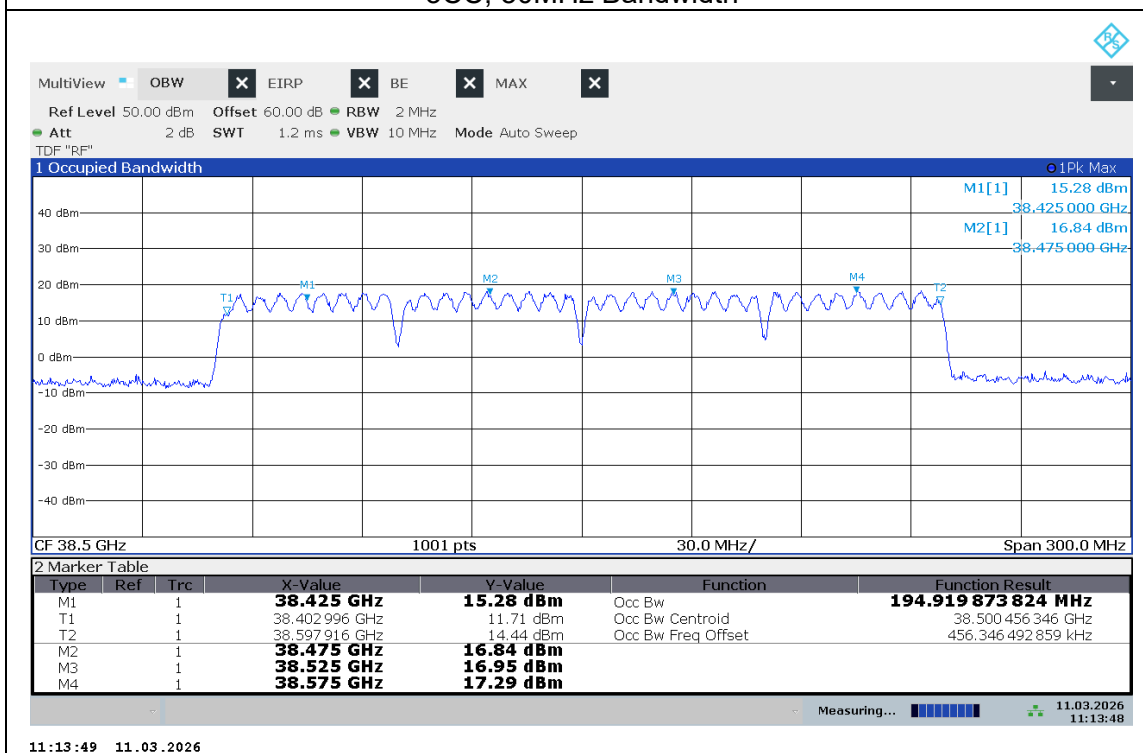
1CC, 50MHz Bandwidth



2CC, 50MHz Bandwidth



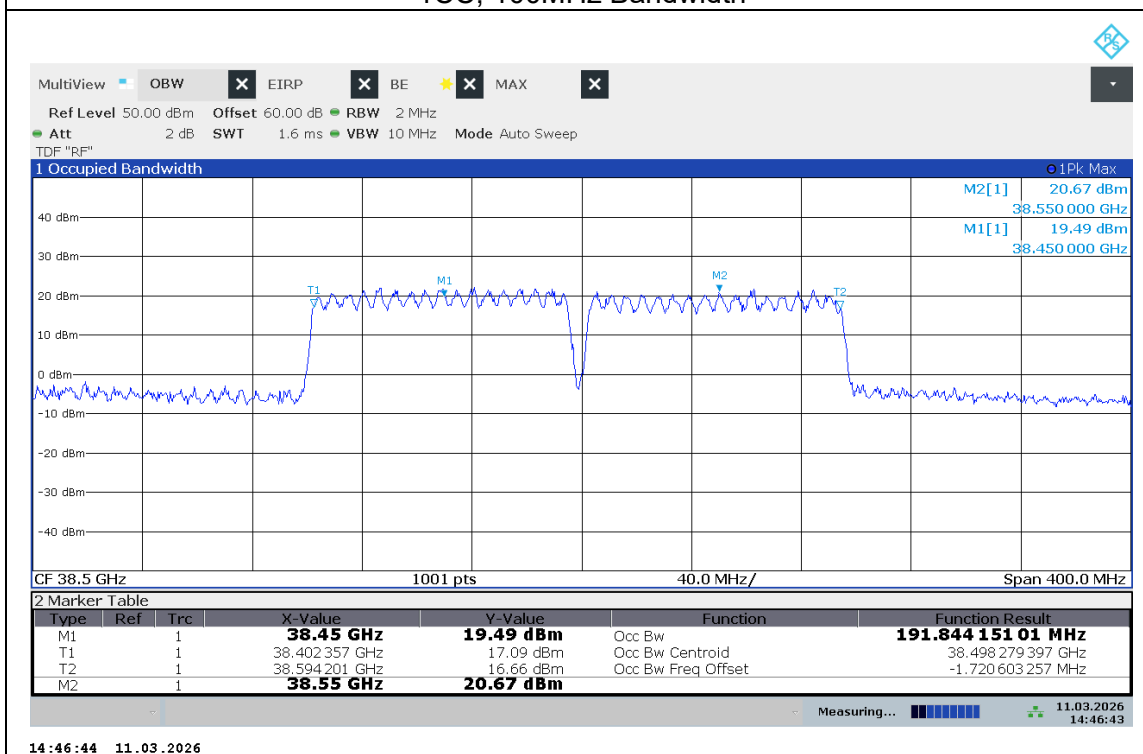
3CC, 50MHz Bandwidth



4CC, 50MHz Bandwidth



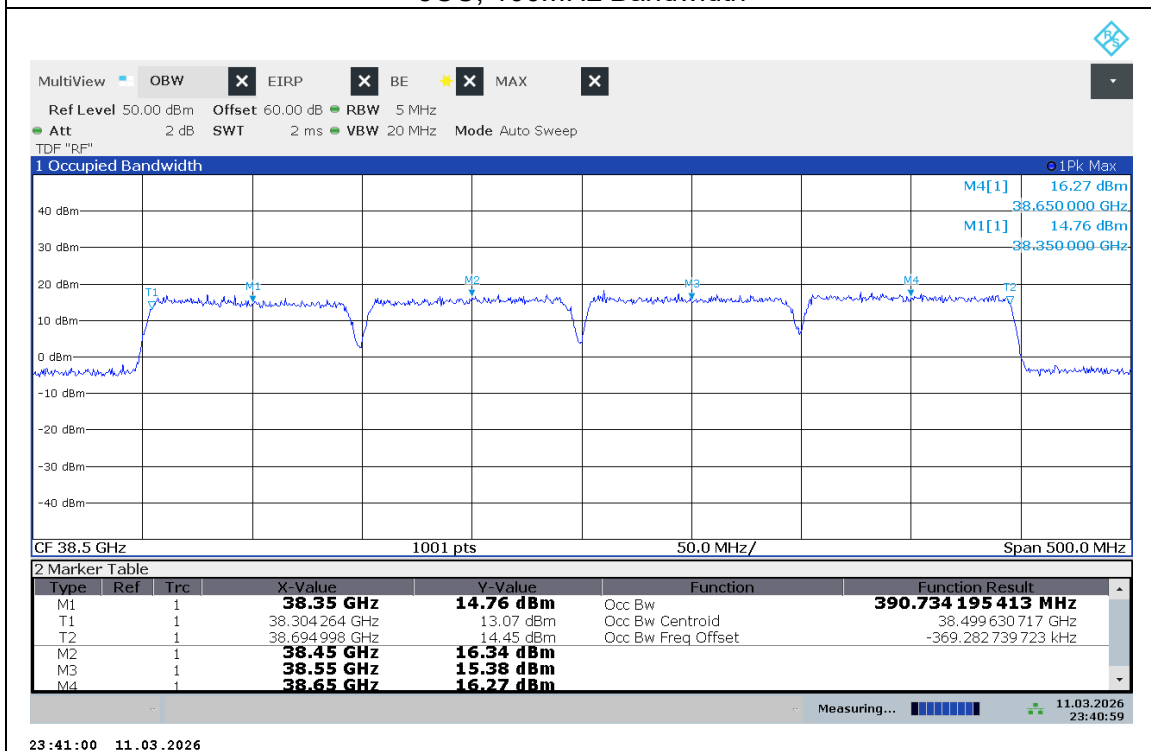
1CC, 100MHz Bandwidth



2CC, 100MHz Bandwidth



3CC, 100MHz Bandwidth



4CC, 100MHz Bandwidth

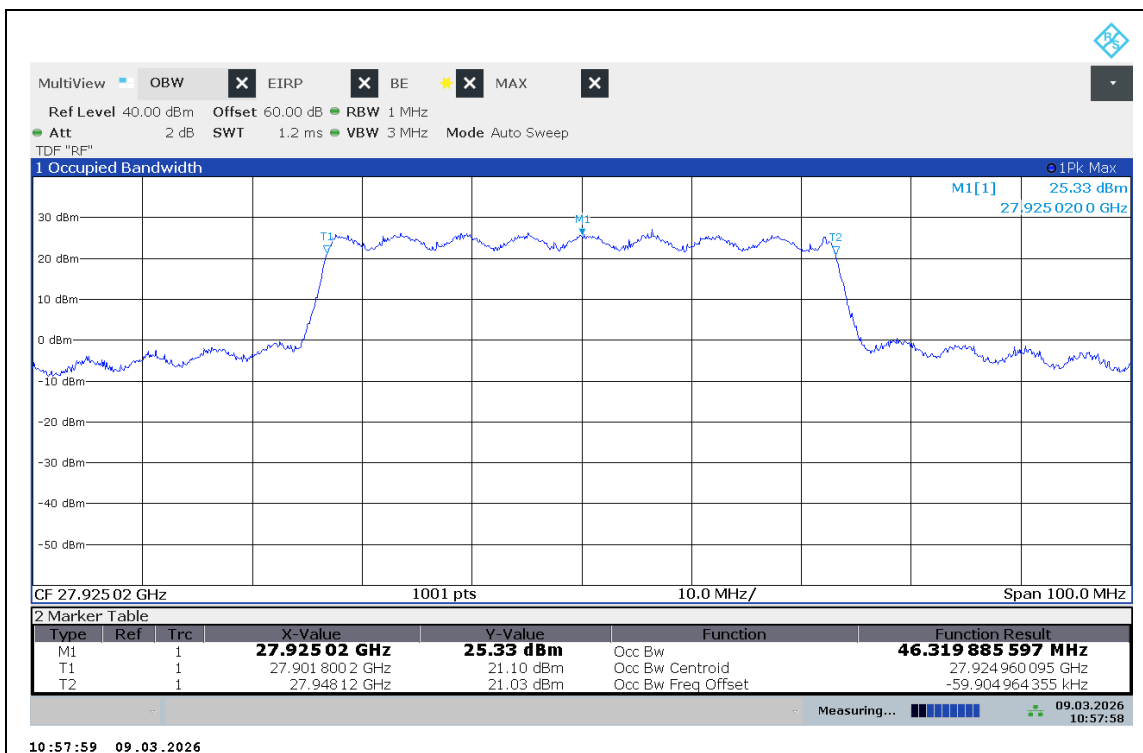
8.1.7. n261 RESULTS – 50MHz BANDWIDTH

Modulation	CCs Active	RB (Size/Offset)	Control System	Channel	Measured OBW (MHz)
QPSK	1	32/0	SISO-D	Low	46.554
QPSK	1	32/0	SISO-D	Mid	46.320
QPSK	1	32/0	SISO-D	High	46.489
QPSK	2	32/0	SISO-D	Low	95.957
QPSK	2	32/0	SISO-D	Mid	95.791
QPSK	2	32/0	SISO-D	High	96.085
QPSK	3	32/0	SISO-D	Low	146.210
QPSK	3	32/0	SISO-D	Mid	145.129
QPSK	3	32/0	SISO-D	High	145.662
QPSK	4	32/0	SISO-D	Low	193.330
QPSK	4	32/0	SISO-D	Mid	195.124
QPSK	4	32/0	SISO-D	High	194.664
QPSK	1	32/0	MIMO	Low	46.187
QPSK	1	32/0	MIMO	Mid	46.281
QPSK	1	32/0	MIMO	High	46.311
QPSK	2	32/0	MIMO	Low	95.305
QPSK	2	32/0	MIMO	Mid	95.435
QPSK	2	32/0	MIMO	High	95.640
QPSK	3	32/0	MIMO	Low	145.606
QPSK	3	32/0	MIMO	Mid	145.263
QPSK	3	32/0	MIMO	High	145.423
QPSK	4	32/0	MIMO	Low	194.773
QPSK	4	32/0	MIMO	Mid	194.746
QPSK	4	32/0	MIMO	High	194.601
QPSK	1	32/0	SISO	Mid	46.081
QPSK	2	32/0	SISO	Mid	95.531
QPSK	3	32/0	SISO	Mid	144.948
QPSK	4	32/0	SISO	Mid	194.539
$\pi/2$ BPSK	1	32/0	SISO-D	Mid	46.214
$\pi/2$ BPSK	2	32/0	SISO-D	Mid	95.584
$\pi/2$ BPSK	3	32/0	SISO-D	Mid	145.320
$\pi/2$ BPSK	4	32/0	SISO-D	Mid	195.196
64QAM	1	32/0	SISO-D	Mid	46.229
64QAM	2	32/0	SISO-D	Mid	95.473
64QAM	3	32/0	SISO-D	Mid	145.240
64QAM	4	32/0	SISO-D	Mid	194.399
16QAM	1	32/0	SISO-D	Mid	46.426
16QAM	2	32/0	SISO-D	Mid	95.714
16QAM	3	32/0	SISO-D	Mid	145.450
16QAM	4	32/0	SISO-D	Mid	195.247

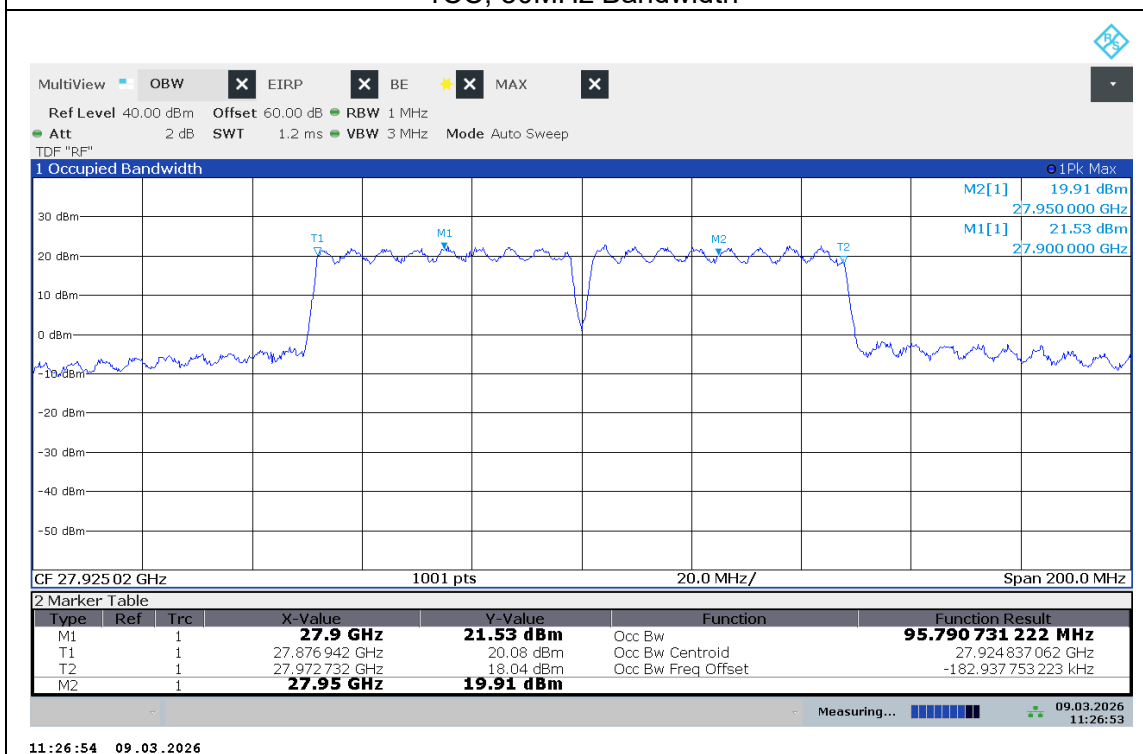
8.1.8. n261 RESULTS – 100MHz BANDWIDTH

Modulation	CCs Active	RB (Size/Offset)	Control System	Channel	Measured OBW (MHz)
QPSK	1	64/0	SISO-D	Low	89.745
QPSK	1	64/0	SISO-D	Mid	91.406
QPSK	1	64/0	SISO-D	High	91.330
QPSK	2	64/0	SISO-D	Low	190.415
QPSK	2	64/0	SISO-D	Mid	191.452
QPSK	2	64/0	SISO-D	High	192.177
QPSK	3	64/0	SISO-D	Low	291.114
QPSK	3	64/0	SISO-D	Mid	289.942
QPSK	3	64/0	SISO-D	High	289.977
QPSK	4	64/0	SISO-D	Low	390.293
QPSK	4	64/0	SISO-D	Mid	389.259
QPSK	4	64/0	SISO-D	High	389.332
QPSK	1	66/0	MIMO	Low	94.491
QPSK	1	66/0	MIMO	Mid	94.553
QPSK	1	66/0	MIMO	High	95.012
QPSK	2	66/0	MIMO	Low	193.771
QPSK	2	66/0	MIMO	Mid	193.848
QPSK	2	66/0	MIMO	High	194.150
QPSK	3	66/0	MIMO	Low	292.892
QPSK	3	66/0	MIMO	Mid	292.841
QPSK	3	66/0	MIMO	High	292.535
QPSK	4	66/0	MIMO	Low	392.426
QPSK	4	66/0	MIMO	Mid	391.354
QPSK	4	66/0	MIMO	High	391.860
QPSK	1	64/0	SISO	Mid	91.573
QPSK	2	64/0	SISO	Mid	191.365
QPSK	3	64/0	SISO	Mid	290.056
QPSK	4	64/0	SISO	Mid	389.519
$\pi/2$ BPSK	1	64/0	SISO-D	Mid	91.213
$\pi/2$ BPSK	2	64/0	SISO-D	Mid	191.321
$\pi/2$ BPSK	3	64/0	SISO-D	Mid	289.917
$\pi/2$ BPSK	4	64/0	SISO-D	Mid	389.532
64QAM	1	64/0	SISO-D	Mid	91.331
64QAM	2	64/0	SISO-D	Mid	190.836
64QAM	3	64/0	SISO-D	Mid	289.665
64QAM	4	64/0	SISO-D	Mid	388.623
16QAM	1	64/0	SISO-D	Mid	91.614
16QAM	2	64/0	SISO-D	Mid	191.701
16QAM	3	64/0	SISO-D	Mid	289.868
16QAM	4	64/0	SISO-D	Mid	389.065

n261, SISO-DUAL, QPSK, Mid Ch



1CC, 50MHz Bandwidth



2CC, 50MHz Bandwidth



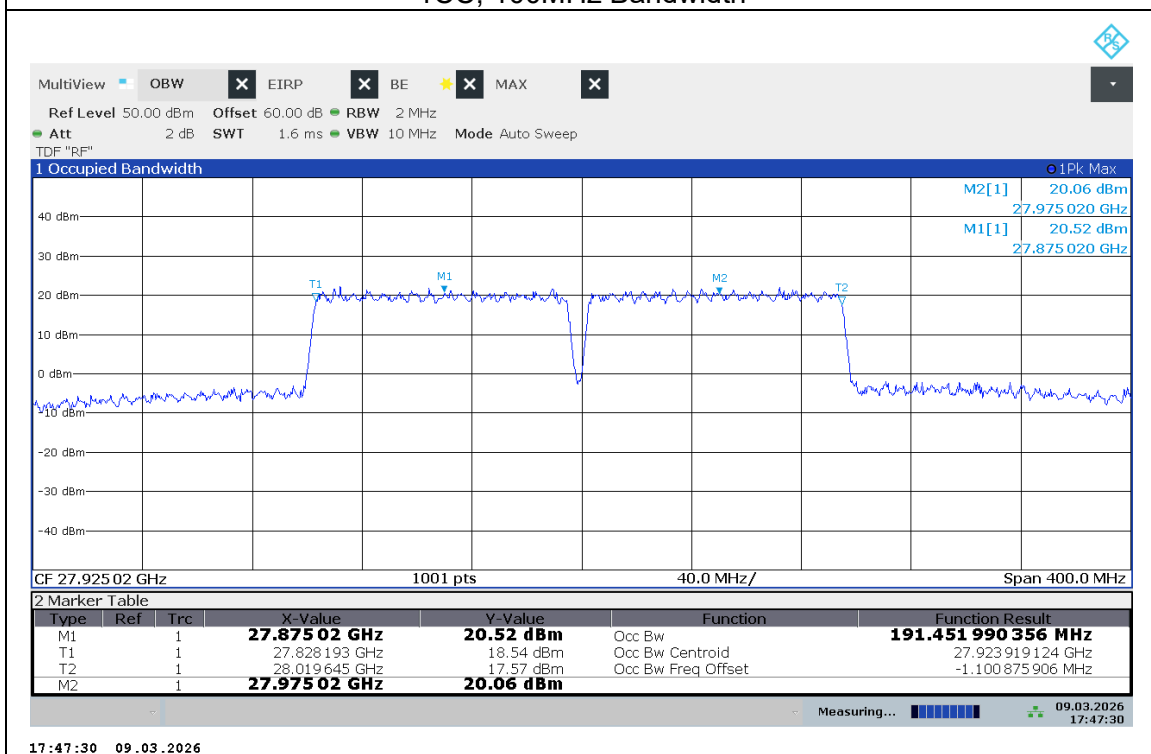
3CC, 50MHz Bandwidth



4CC, 50MHz Bandwidth



1CC, 100MHz Bandwidth



2CC, 100MHz Bandwidth



3CC, 100MHz Bandwidth



4CC, 100MHz Bandwidth

8.2. EQUIVALENT ISOTROPIC RADIATED POWER

RULE PART(S)

FCC: §2.1046, §30.202

LIMIT

30.202 (b) – For mobile stations, the average power of the sum of all antenna elements is limited to a maximum EIRP of +43 dBm.

TEST PROCEDURES

Radiated power measurements are performed using the signal analyzer's "channel power" measurement capability for signals with continuous operation.

- $RBW = 1 - 5\%$ of the OBW
- $VBW \geq 3 \times RBW$
- Span = 2x to 3x the OBW
- Number of measurement points in sweep $> 2 \times \text{span} / RBW$
- Sweep time = auto-couple
- Detector = Power RMS
- Trace mode = Average over 100 sweeps

KDB 842590 D01 Upper Microwave Flexible Use Service v01r03 Section 4.2
ANSI C63.26-2015 Clause 5.2, Clause 5.5, Clause 6.4, and Annex C.5.2

EIRP measurements of variable frequency bands were performed at the far field test distance listed in Section 5.

EIRP was calculated using the equations on ANSI C63.26-2015 Annex C.5.2. The total correction factors of horn antenna gain, cable loss and far-field path loss were calculated using equation C.8 and C.9 and pre-loaded into spectrum analyzer.

Sample calculation of EIRP:

$$\begin{aligned}\text{Total Correction Factor} &= \text{Cable Loss (dB)} - \text{Horn Ant Gain (dBi)} + \text{Path Loss (dB)} \\ &= 4 - 23 + 71 \\ &= 52 \text{ dB}\end{aligned}$$

$$\text{EIRP} = P_{\text{measured}} \text{ (dBm)}, \text{ where Total Correction Factor preloaded}$$

In order to properly display signal level on the plots, the pre-loaded correction factors were intentionally lowered by 50 dB and an offset factor of 50 dB was applied on spectrum analyzer to compensate the true correction factors across frequency range of measurement.

Radiated power levels are investigated while the receive antenna was rotated through all angles to determine the worst-case polarization/positioning.

Worse-Case Configurations

The SISO mode operates with either the horizontal or vertical elements active. The SISO-DUAL mode operates with both horizontal and vertical elements active at the same power per polarization as the SISO mode. Therefore, the SISO-DUAL mode represents the highest total EIRP across both SISO and SISO-DUAL modes. Only spot checks were performed on the SISO mode to confirm this. Single RB (highest power) and full RB allocations were measured.

$\pi/2$ BPSK, QPSK, 16QAM and 64QAM modulations were investigated in SISO-DUAL mode. The highest power mode is QPSK for the modulations with SISO-DUAL mode. Spot checks in QPSK modulation were performed on the SISO and MIMO modes. Full data is provided for these combinations.

To minimize report size, plots of Full RB, SISO-DUAL, QPSK, any of tested low/mid/high channels with both channel bandwidths are provided to demonstrate the test parameter setting on signal analyzer. The tabular data includes data for the other combination of test modes.

RESULTS

See the following pages.

TESTED BY

Employee IDs: 115705/11322, 116034/11322
Test Dates: 2026-03-04 to 2026-04-15
Test Location: Chamber 3

8.2.1. n258 SB1 RESULTS – 50MHz BANDWIDTH

Modulation	CCs Active	RB (Size/Offset)	Control System	Channel	Avg EIRP (dBm)	Limit (dBm)	Margin (dB)
QPSK	1	1/0	SISO-D	Low	27.24	43	-15.76
QPSK	1	1/0	SISO-D	Mid	26.99	43	-16.01
QPSK	2	1/0	SISO-D	Low	21.97	43	-21.03
QPSK	2	1/0	SISO-D	Mid	21.71	43	-21.29
QPSK	3	1/0	SISO-D	Low	22.45	43	-20.55
QPSK	3	1/0	SISO-D	Mid	22.01	43	-20.99
QPSK	4	1/0	SISO-D	Low	21.92	43	-21.08
QPSK	4	1/0	SISO-D	Mid	21.47	43	-21.53
QPSK	1	1/15	SISO-D	Low	28.18	43	-14.82
QPSK	1	1/15	SISO-D	Mid	30.83	43	-12.17
QPSK	1	1/15	SISO-D	High	20.32	43	-22.68
QPSK	2	1/15	SISO-D	Mid	23.74	43	-19.26
QPSK	3	1/15	SISO-D	Mid	22.42	43	-20.58
QPSK	4	1/15	SISO-D	Mid	22.05	43	-20.95
QPSK	1	1/31	SISO-D	Mid	27.76	43	-15.24
QPSK	1	1/31	SISO-D	High	27.41	43	-15.59
QPSK	2	1/31	SISO-D	Mid	23.03	43	-19.97
QPSK	2	1/31	SISO-D	High	20.82	43	-22.18
QPSK	3	1/31	SISO-D	Mid	22.22	43	-20.78
QPSK	3	1/31	SISO-D	High	20.01	43	-22.99
QPSK	4	1/31	SISO-D	Mid	21.69	43	-21.31
QPSK	4	1/31	SISO-D	High	21.37	43	-21.63
QPSK	1	32/0	SISO-D	Low	26.85	43	-16.15
QPSK	1	32/0	SISO-D	Mid	27.99	43	-15.01
QPSK	1	32/0	SISO-D	High	25.47	43	-17.53
QPSK	2	32/0	SISO-D	Low	26.36	43	-16.64
QPSK	2	32/0	SISO-D	Mid	27.61	43	-15.39
QPSK	2	32/0	SISO-D	High	24.95	43	-18.05
QPSK	3	32/0	SISO-D	Low	24.64	43	-18.36
QPSK	3	32/0	SISO-D	Mid	25.46	43	-17.54
QPSK	3	32/0	SISO-D	High	21.99	43	-21.01
QPSK	4	32/0	SISO-D	Low	24.61	43	-18.39
QPSK	4	32/0	SISO-D	Mid	25.33	43	-17.67
QPSK	4	32/0	SISO-D	High	24.51	43	-18.49
QPSK	1	1/15	SISO	Mid	25.09	43	-17.91
QPSK	2	1/15	SISO	Mid	18.2	43	-24.8
QPSK	3	1/15	SISO	Mid	18.31	43	-24.69
QPSK	4	1/15	SISO	Mid	18.12	43	-24.88
QPSK	1	32/0	SISO	Mid	25.24	43	-17.76
QPSK	2	32/0	SISO	Mid	24.65	43	-18.35
QPSK	3	32/0	SISO	Mid	22.22	43	-20.78
QPSK	4	32/0	SISO	Mid	22.81	43	-20.19
QPSK	1	1/15	MIMO	Mid	27.64	43	-15.36
QPSK	2	1/15	MIMO	Mid	21.42	43	-21.58
QPSK	3	1/15	MIMO	Mid	21.17	43	-21.83
QPSK	4	1/15	MIMO	Mid	21.07	43	-21.93
QPSK	1	32/0	MIMO	Low	23.05	43	-19.95
QPSK	1	32/0	MIMO	Mid	25.68	43	-17.32

Modulation	CCs Active	RB (Size/Offset)	Control System	Channel	Avg EIRP (dBm)	Limit (dBm)	Margin (dB)
QPSK	1	32/0	MIMO	High	20.79	43	-22.21
QPSK	2	32/0	MIMO	Low	22.74	43	-20.26
QPSK	2	32/0	MIMO	Mid	25.07	43	-17.93
QPSK	2	32/0	MIMO	High	19.83	43	-23.17
QPSK	3	32/0	MIMO	Low	22.46	43	-20.54
QPSK	3	32/0	MIMO	Mid	24.07	43	-18.93
QPSK	3	32/0	MIMO	High	18.58	43	-24.42
QPSK	4	32/0	MIMO	Low	22.54	43	-20.46
QPSK	4	32/0	MIMO	Mid	24.48	43	-18.52
QPSK	4	32/0	MIMO	High	19.03	43	-23.97
$\pi/2$ BPSK	1	1/15	SISO-D	Mid	30.87	43	-12.13
$\pi/2$ BPSK	1	32/0	SISO-D	Mid	28.05	43	-14.95
$\pi/2$ BPSK	2	32/0	SISO-D	Mid	27.6	43	-15.4
$\pi/2$ BPSK	3	32/0	SISO-D	Mid	25.44	43	-17.56
$\pi/2$ BPSK	4	32/0	SISO-D	Mid	25.38	43	-17.62
16QAM	1	1/15	SISO-D	Mid	30.8	43	-12.2
16QAM	1	32/0	SISO-D	Mid	27.55	43	-15.45
16QAM	2	32/0	SISO-D	Mid	27.09	43	-15.91
16QAM	3	32/0	SISO-D	Mid	24.41	43	-18.59
16QAM	4	32/0	SISO-D	Mid	24.4	43	-18.6
64QAM	1	1/15	SISO-D	Mid	27.66	43	-15.34
64QAM	1	32/0	SISO-D	Mid	15.08	43	-27.92
64QAM	2	32/0	SISO-D	Mid	23.4	43	-19.6
64QAM	3	32/0	SISO-D	Mid	22.89	43	-20.11
64QAM	4	32/0	SISO-D	Mid	22.89	43	-20.11

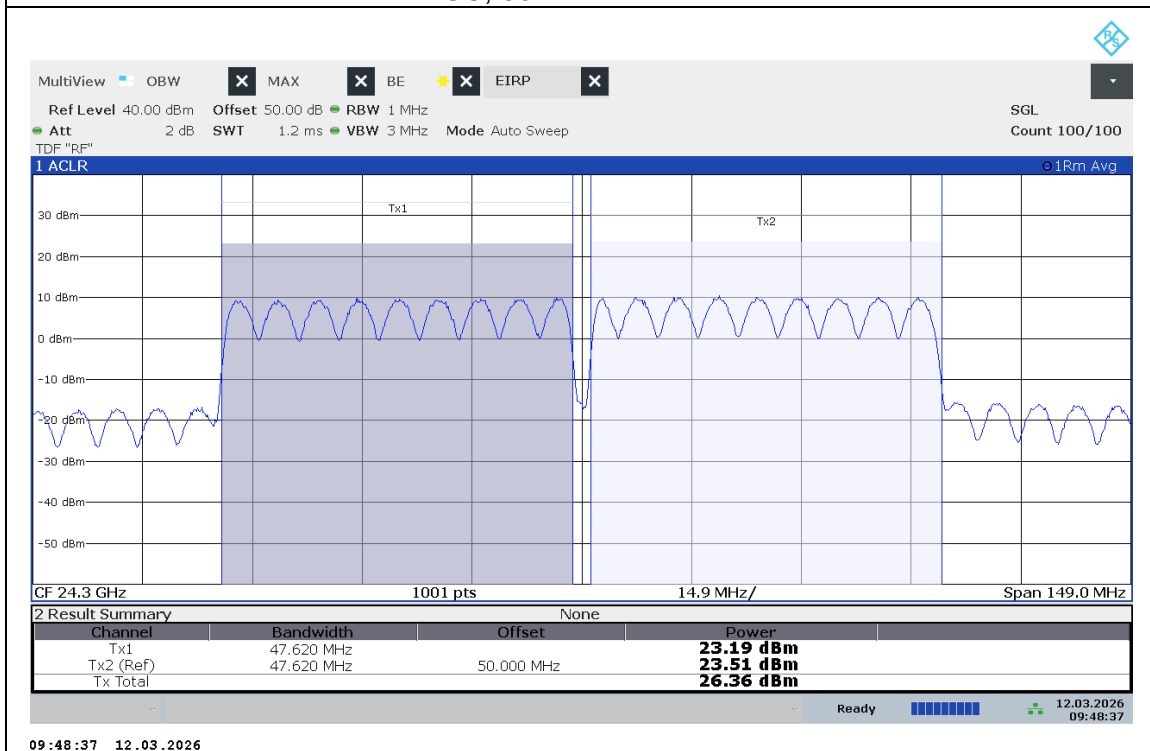
8.2.2. n258 SB1 RESULTS – 100MHz BANDWIDTH

Modulation	CCs Active	RB (Size/Offset)	Control System	Channel	Avg EIRP (dBm)	Limit (dBm)	Margin (dB)
QPSK	1	1/0	SISO-D	Low	23.27	43	-19.73
QPSK	1	1/0	SISO-D	Mid	25.07	43	-17.93
QPSK	2	1/0	SISO-D	Low	19.43	43	-23.57
QPSK	2	1/0	SISO-D	Mid	20.28	43	-22.72
QPSK	1	1/33	SISO-D	Low	26.91	43	-16.09
QPSK	1	1/33	SISO-D	Mid	29.25	43	-13.75
QPSK	1	1/33	SISO-D	High	25.63	43	-17.37
QPSK	2	1/33	SISO-D	Mid	20.47	43	-22.53
QPSK	1	1/65	SISO-D	Mid	27.85	43	-15.15
QPSK	1	1/65	SISO-D	High	19.94	43	-23.06
QPSK	2	1/65	SISO-D	Mid	20.84	43	-22.16
QPSK	2	1/65	SISO-D	High	20.6	43	-27.3
QPSK	1	64/0	SISO-D	Low	27.06	43	-15.94
QPSK	1	64/0	SISO-D	Mid	27	43	-16
QPSK	1	64/0	SISO-D	High	23.43	43	-19.57
QPSK	2	64/0	SISO-D	Low	27.92	43	-15.08
QPSK	2	64/0	SISO-D	Mid	27.26	43	-15.74
QPSK	2	64/0	SISO-D	High	22.36	43	-20.64
QPSK	1	1/33	SISO	Mid	25.61	43	-17.39
QPSK	2	1/33	SISO	Mid	18.05	43	-24.95
QPSK	1	64/0	SISO	Mid	24.43	43	-18.57
QPSK	2	64/0	SISO	Mid	25.31	43	-17.69
QPSK	1	1/33	MIMO	Mid	27.87	43	-15.13
QPSK	2	1/33	MIMO	Mid	21.24	43	-21.76
QPSK	1	66/0	MIMO	Low	24.08	43	-18.92
QPSK	1	66/0	MIMO	Mid	25.96	43	-17.04
QPSK	1	66/0	MIMO	High	18.07	43	-24.93
QPSK	2	66/0	MIMO	Low	24.86	43	-18.14
QPSK	2	66/0	MIMO	Mid	25.84	43	-17.16
QPSK	2	66/0	MIMO	High	18.32	43	-24.68
$\pi/2$ BPSK	1	1/33	SISO-D	Mid	29.28	43	-13.72
$\pi/2$ BPSK	1	64/0	SISO-D	Mid	26.96	43	-16.04
$\pi/2$ BPSK	2	64/0	SISO-D	Mid	27.27	43	-15.73
16QAM	1	1/33	SISO-D	Mid	29.43	43	-13.57
16QAM	1	64/0	SISO-D	Mid	26.48	43	-16.52
16QAM	2	64/0	SISO-D	Mid	26.76	43	-16.24
64QAM	1	1/33	SISO-D	Mid	26.13	43	-16.87
64QAM	1	64/0	SISO-D	Mid	23.36	43	-19.64
64QAM	2	64/0	SISO-D	Mid	23.09	43	-19.91

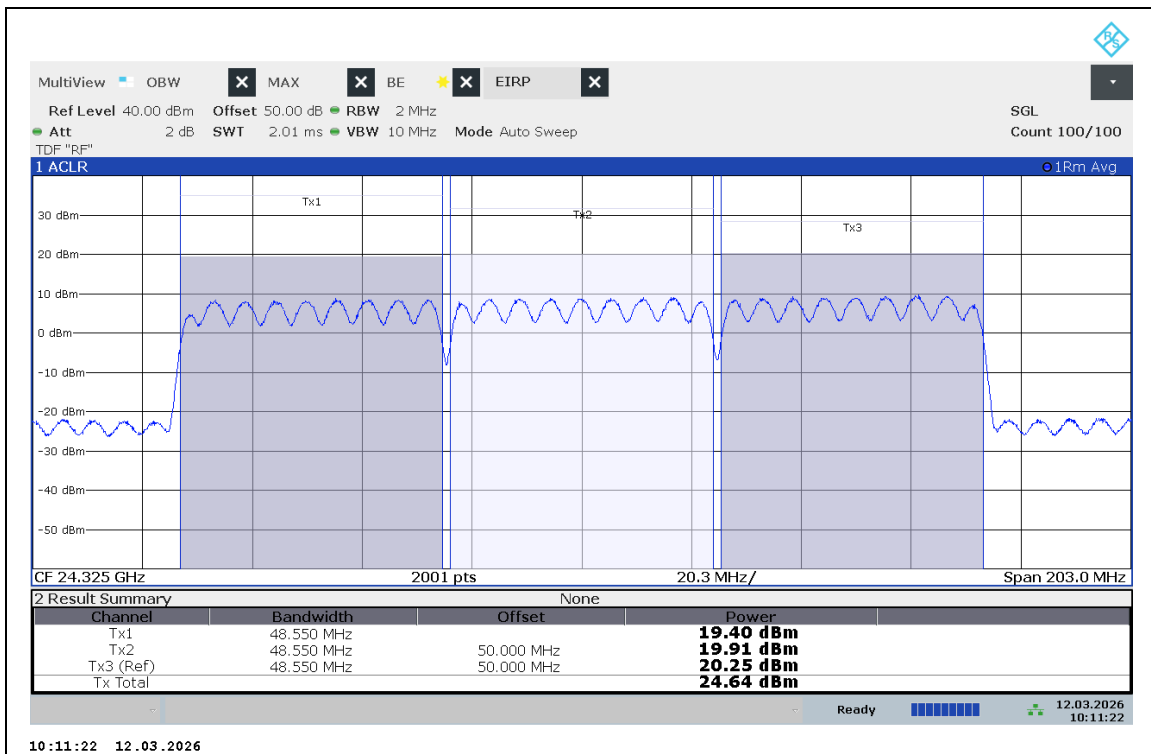
n258 SB1, SISO-DUAL, QPSK, Low Ch



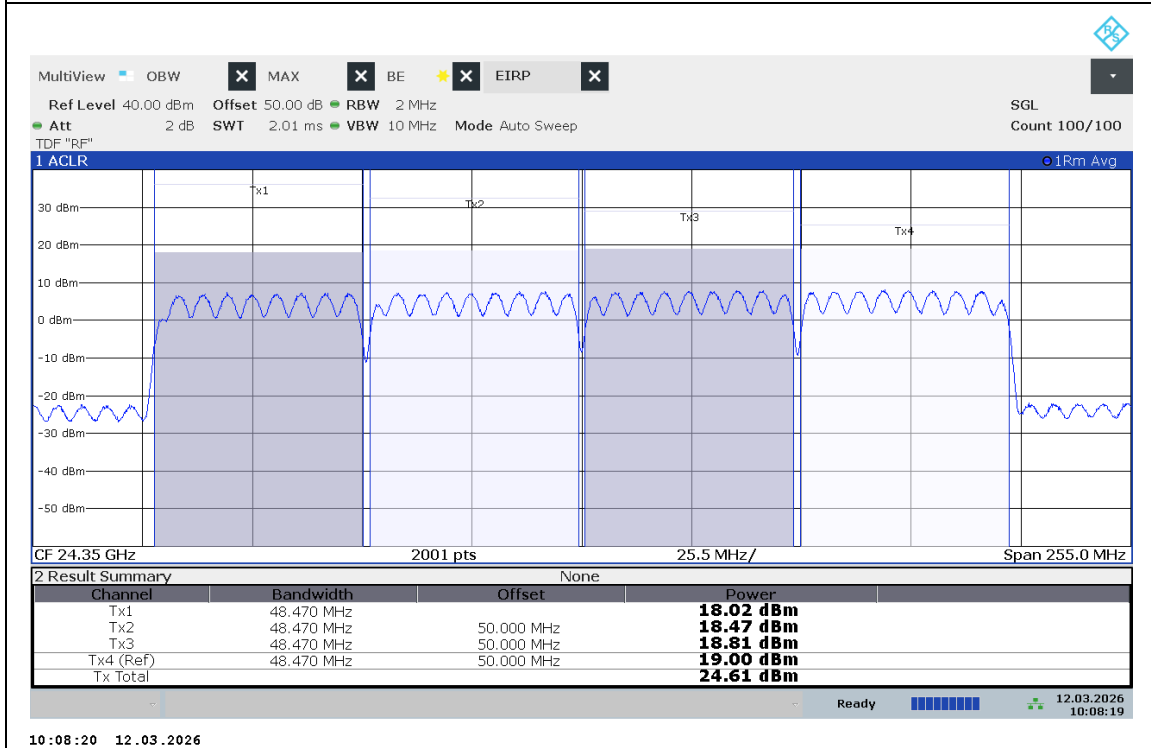
1CC, 50MHz Bandwidth



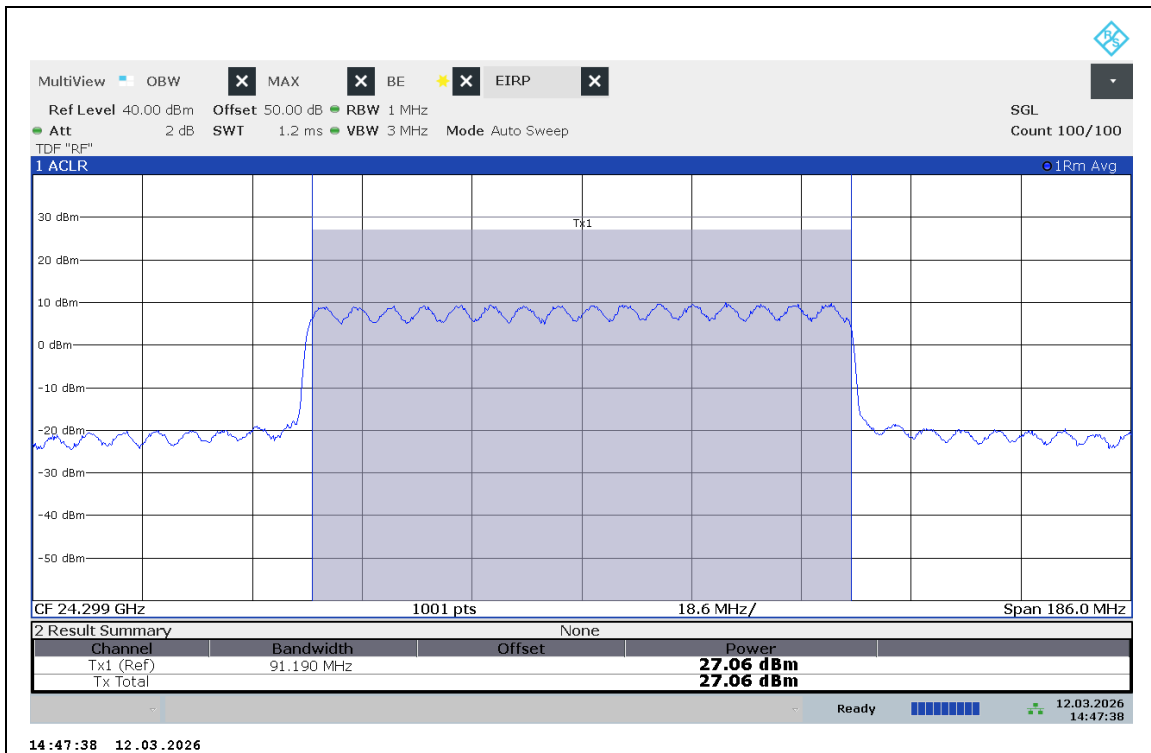
2CC, 50MHz Bandwidth



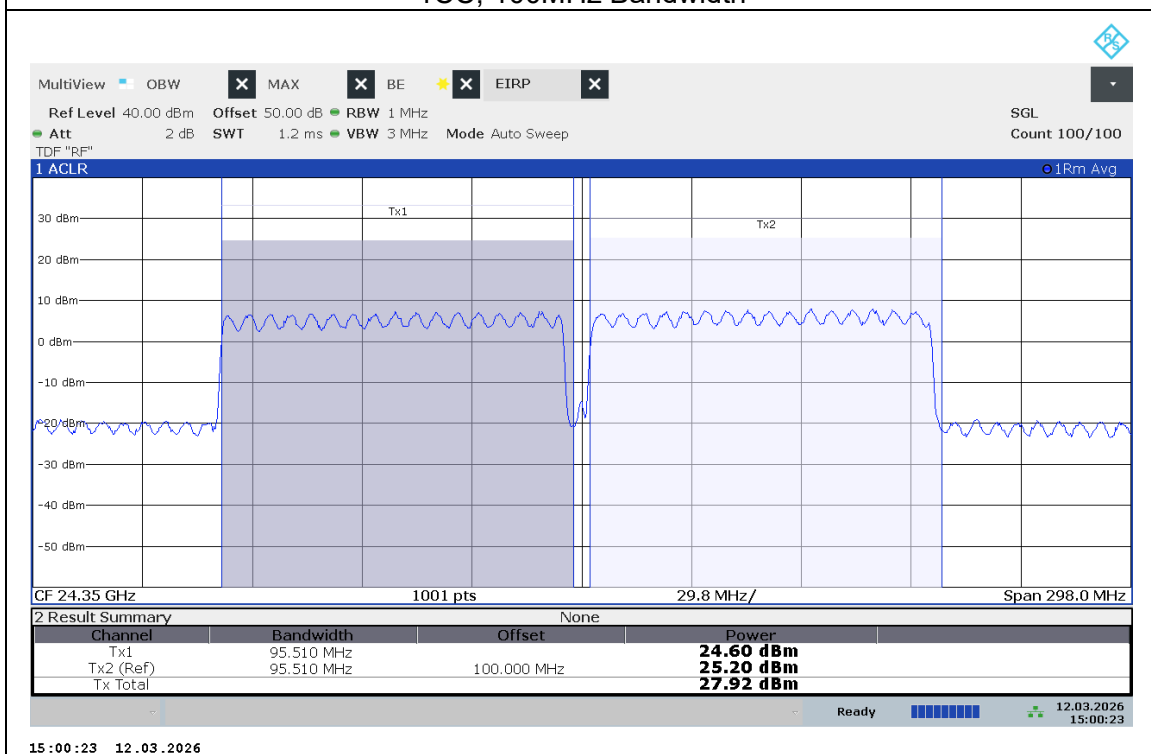
3CC, 50MHz Bandwidth



4CC, 50MHz Bandwidth



1CC, 100MHz Bandwidth

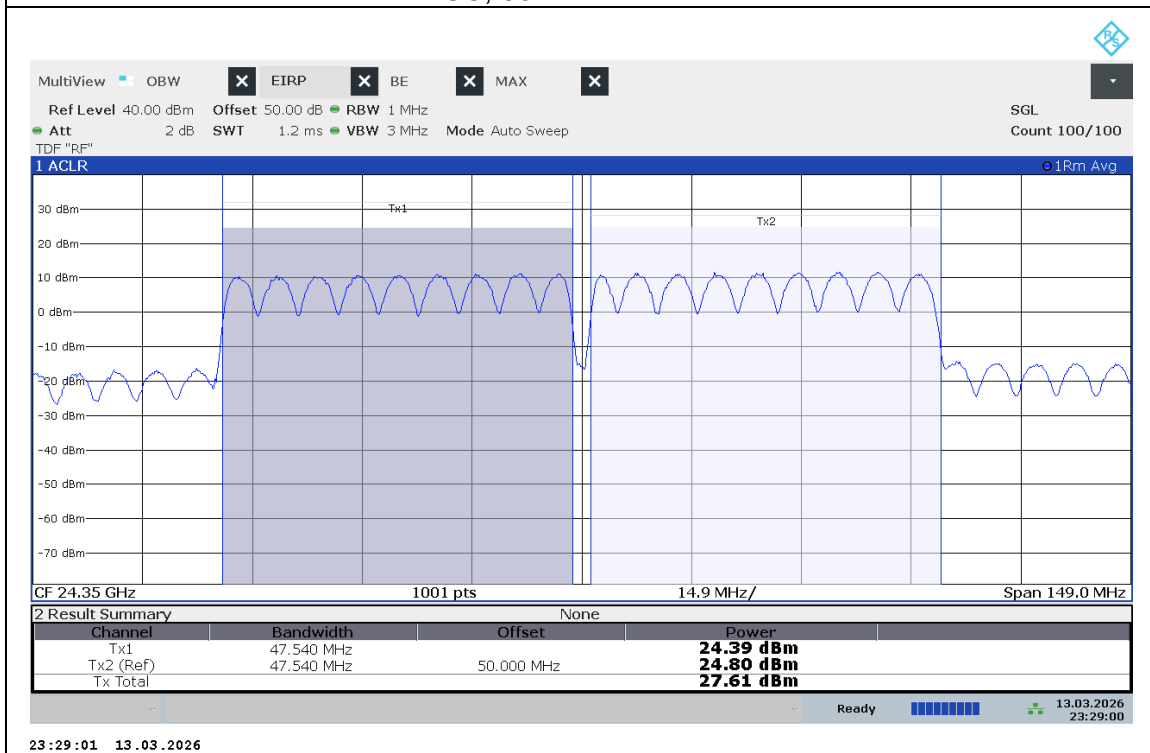


2CC, 100MHz Bandwidth

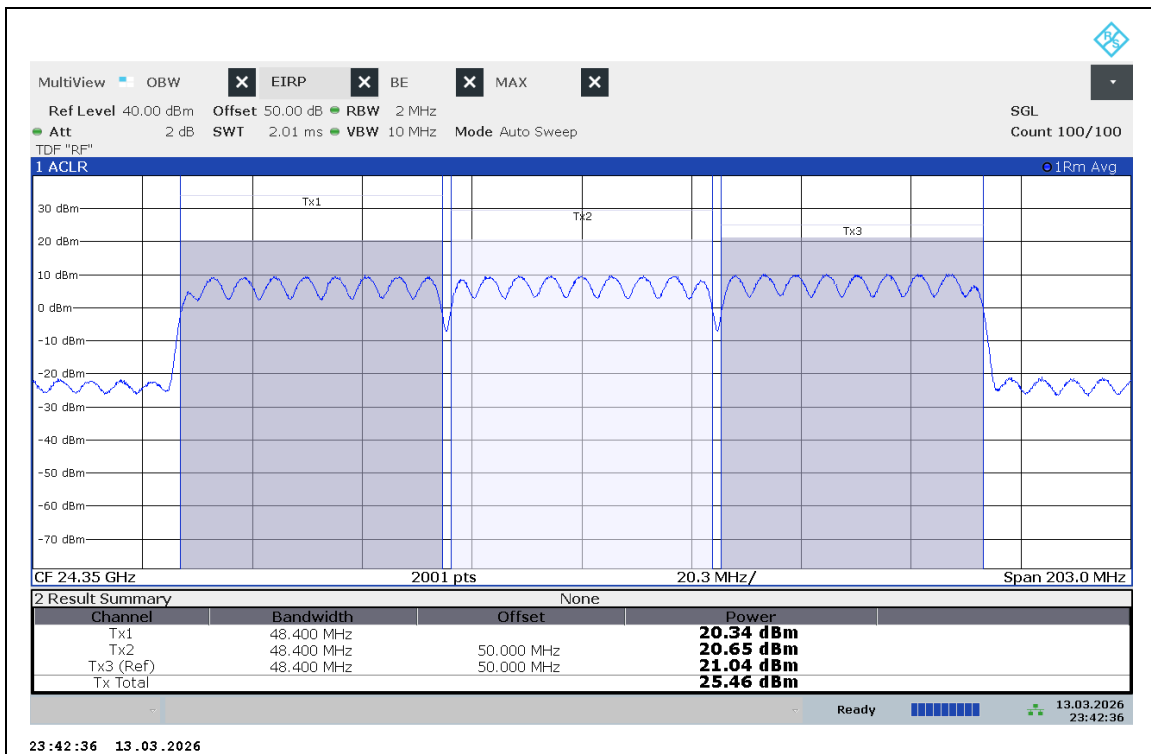
n258 SB1, SISO-DUAL, QPSK, Mid Ch



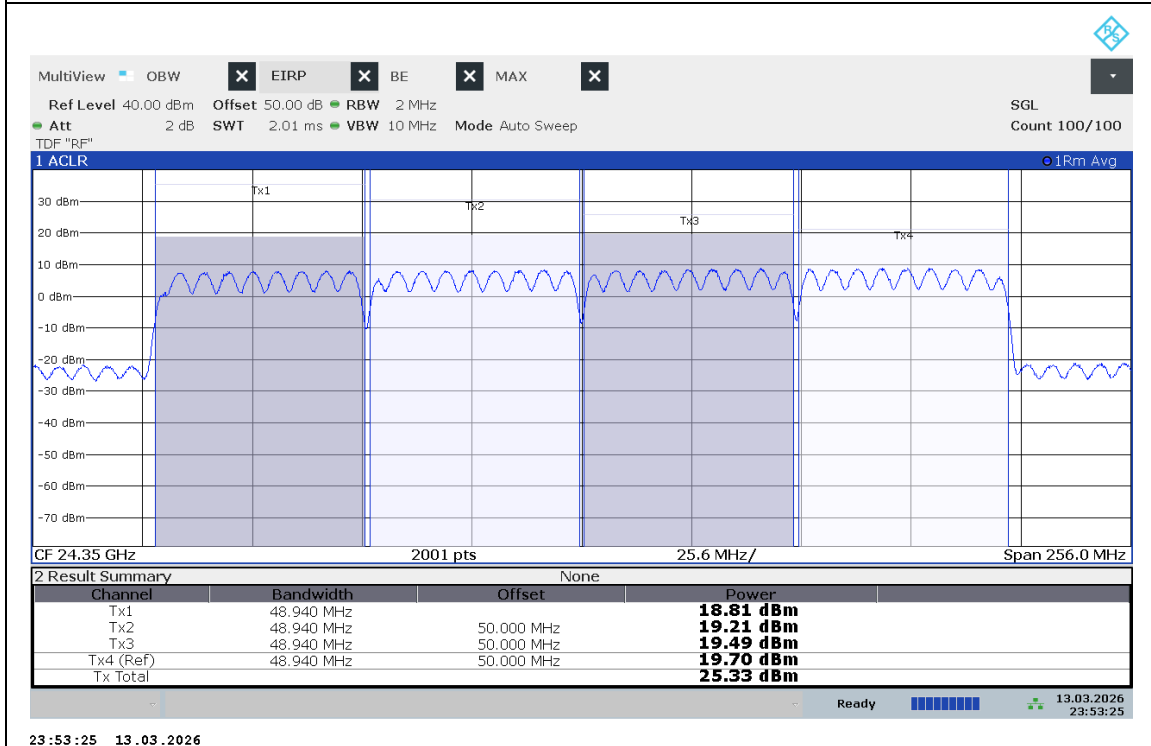
1CC, 50MHz Bandwidth



2CC, 50MHz Bandwidth



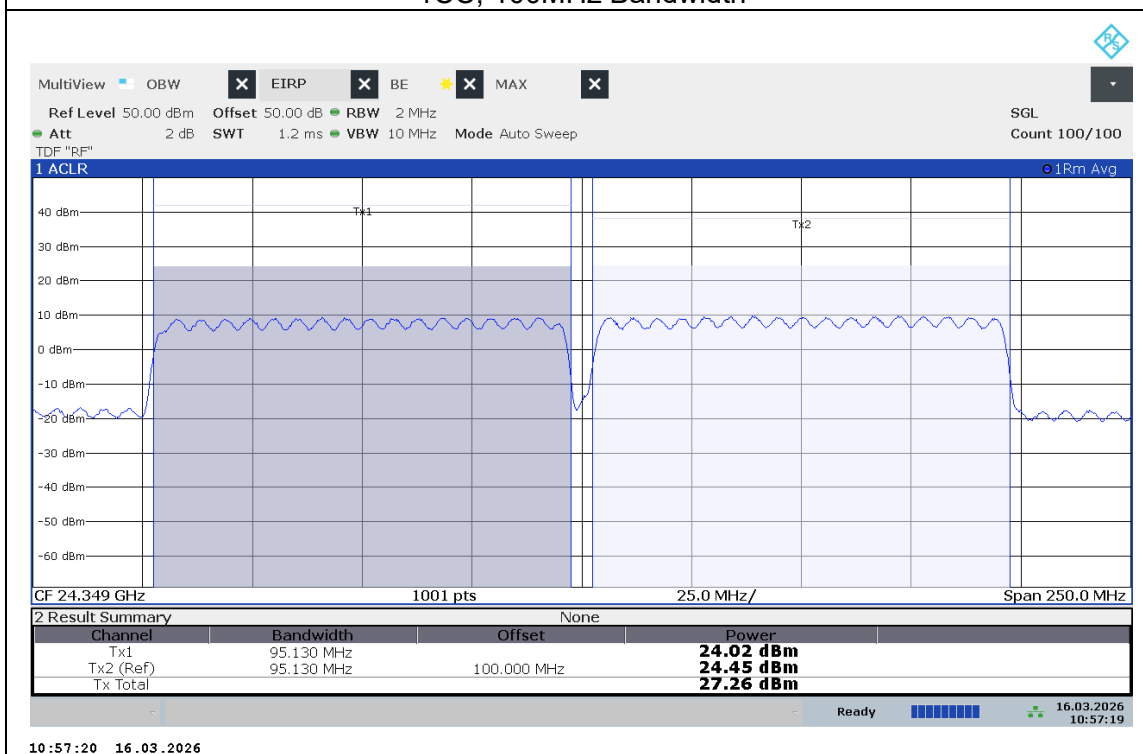
3CC, 50MHz Bandwidth



4CC, 50MHz Bandwidth



1CC, 100MHz Bandwidth

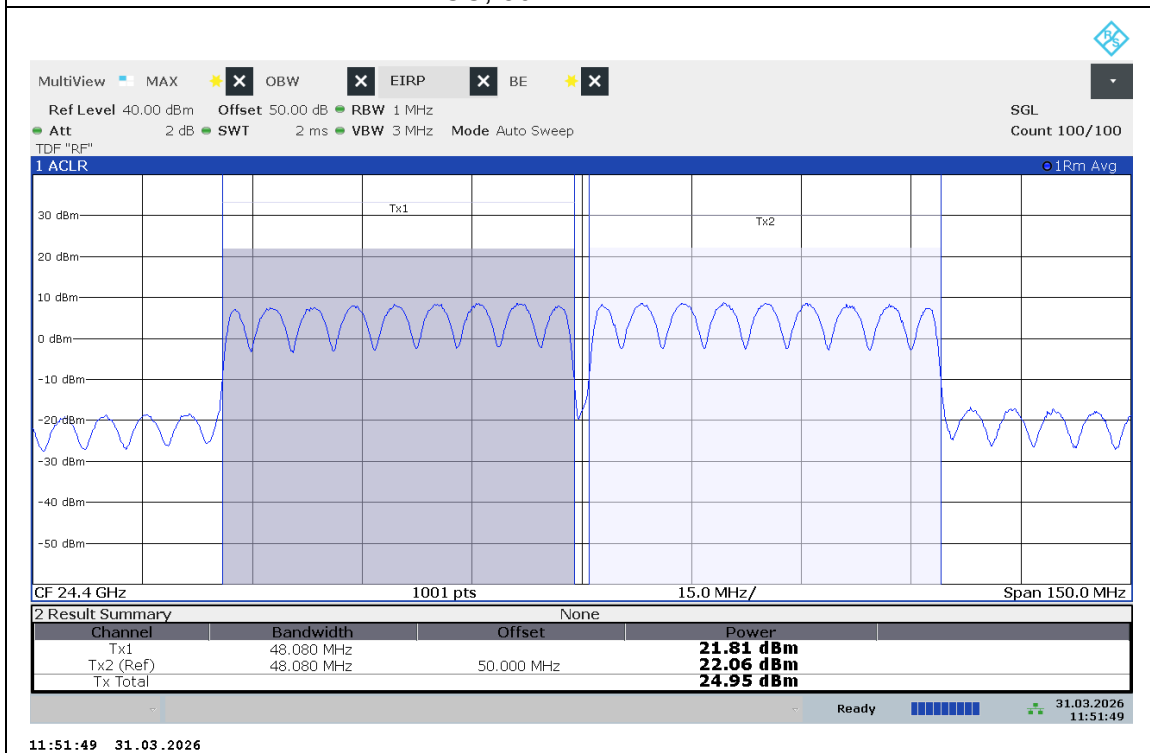


2CC, 100MHz Bandwidth

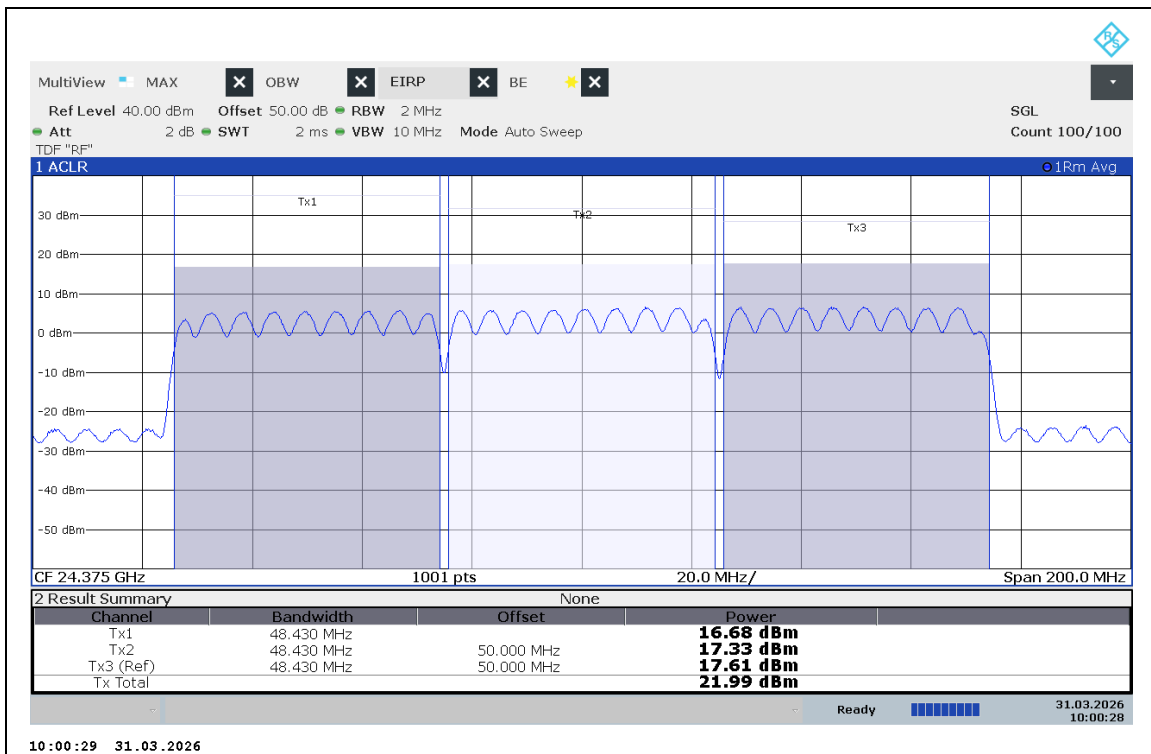
n258 SB1, SISO-DUAL, QPSK, High Ch



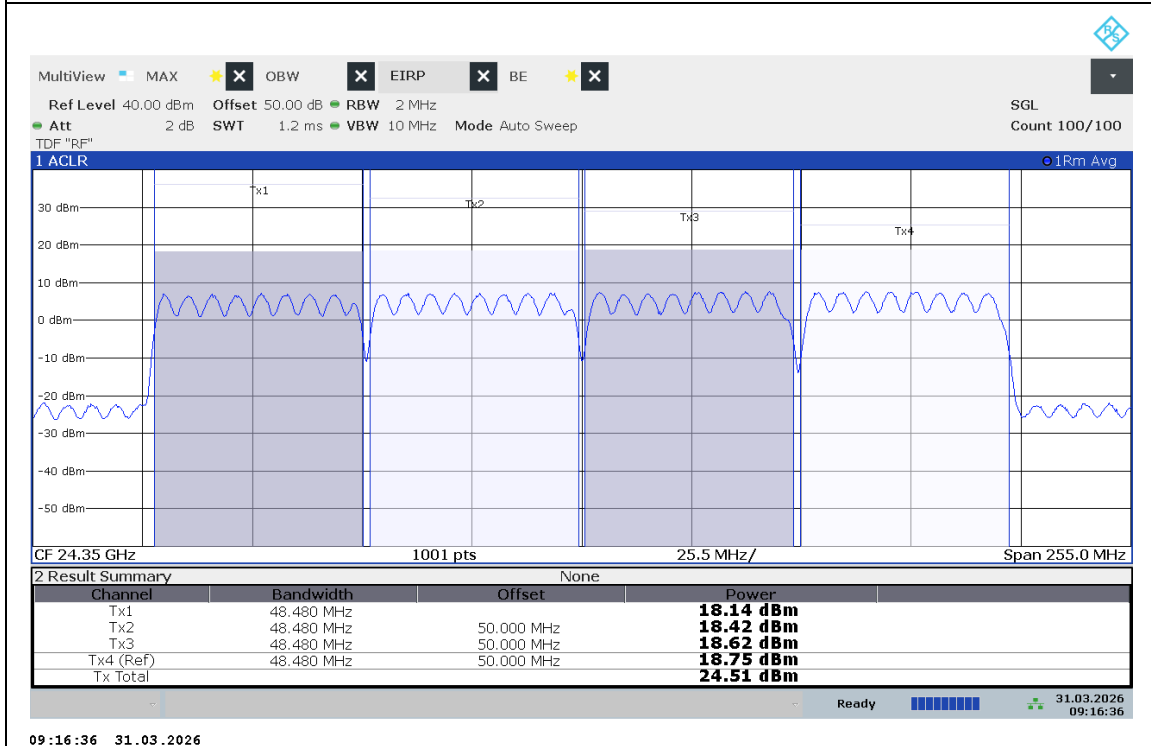
1CC, 50MHz Bandwidth



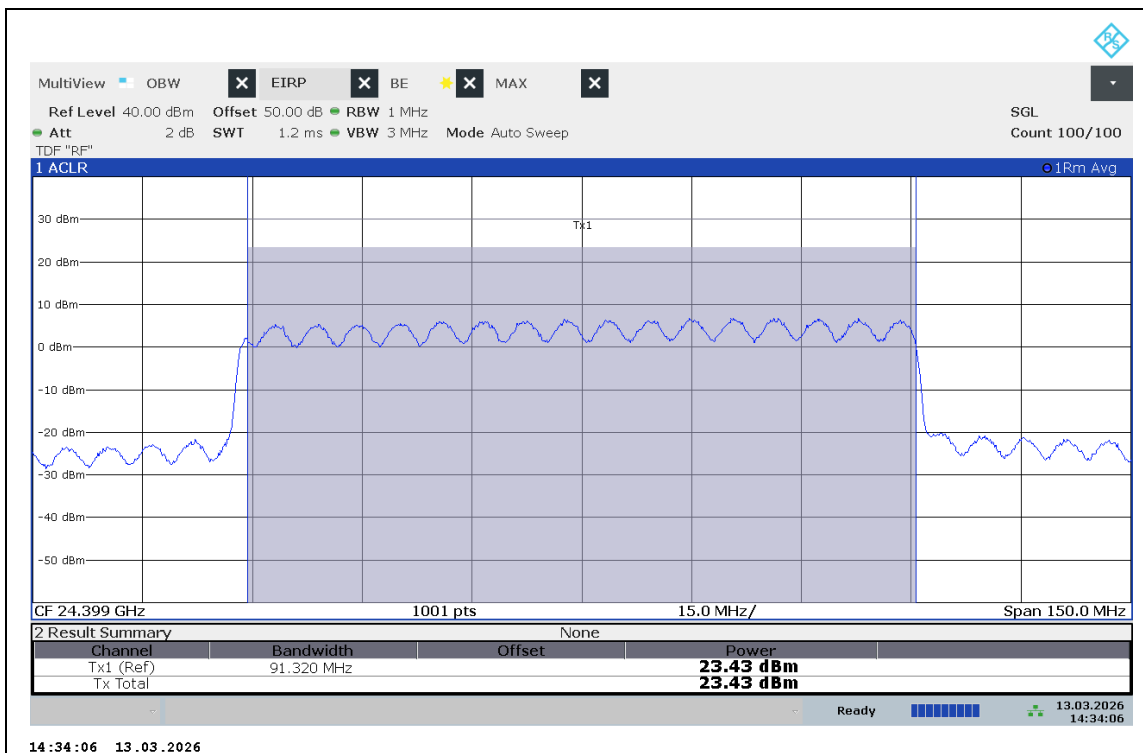
2CC, 50MHz Bandwidth



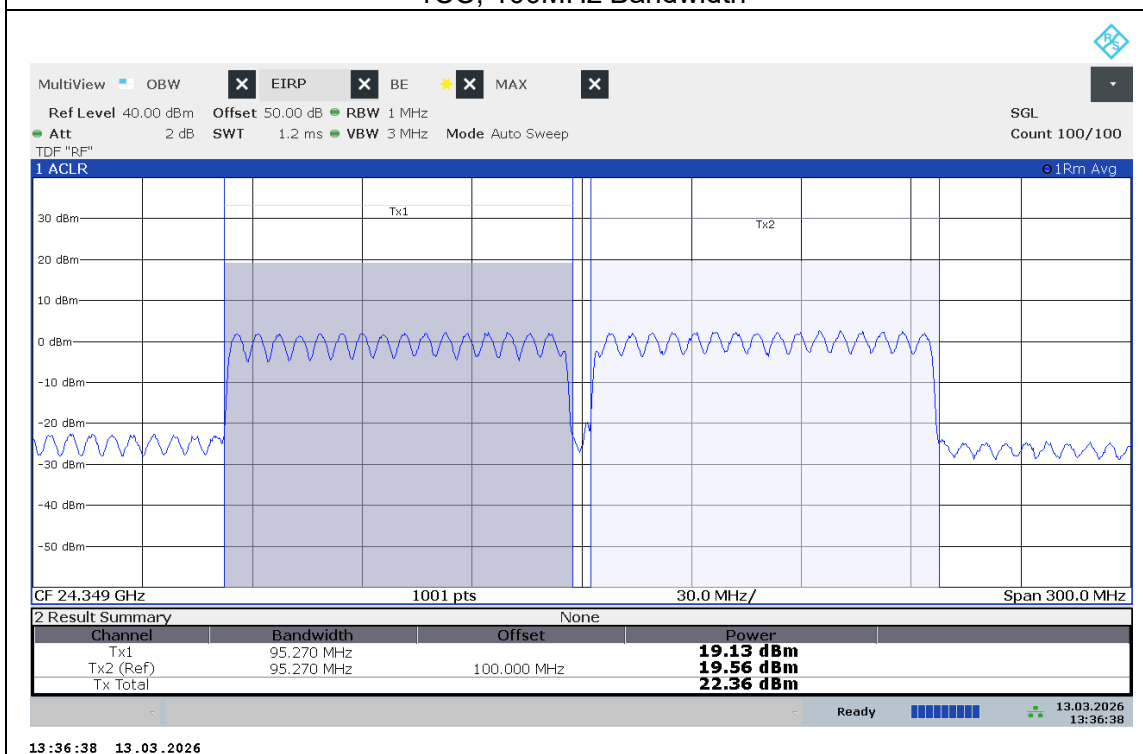
3CC, 50MHz Bandwidth



4CC, 50MHz Bandwidth



1CC, 100MHz Bandwidth



2CC, 100MHz Bandwidth

8.2.3. n258 SB2 RESULTS – 50MHz BANDWIDTH

Modulation	CCs Active	RB (Size/Offset)	Control System	Channel	Avg EIRP (dBm)	Limit (dBm)	Margin (dB)
QPSK	1	1/0	SISO-D	Low	26.86	43	-16.14
QPSK	1	1/0	SISO-D	Mid	26.72	43	-16.28
QPSK	2	1/0	SISO-D	Low	21.79	43	-21.21
QPSK	2	1/0	SISO-D	Mid	22.42	43	-20.58
QPSK	3	1/0	SISO-D	Low	21.8	43	-27.66
QPSK	3	1/0	SISO-D	Mid	22.06	43	-20.94
QPSK	4	1/0	SISO-D	Low	20.64	43	-22.36
QPSK	4	1/0	SISO-D	Mid	21.9	43	-21.1
QPSK	1	1/15	SISO-D	Low	29.88	43	-13.12
QPSK	1	1/15	SISO-D	Mid	28.55	43	-14.45
QPSK	1	1/15	SISO-D	High	25.77	43	-17.23
QPSK	2	1/15	SISO-D	Mid	21.08	43	-21.92
QPSK	3	1/15	SISO-D	Mid	21.03	43	-21.97
QPSK	4	1/15	SISO-D	Mid	21.18	43	-21.82
QPSK	1	1/31	SISO-D	Mid	28.13	43	-14.87
QPSK	1	1/31	SISO-D	High	23.39	43	-19.61
QPSK	2	1/31	SISO-D	Mid	23.65	43	-19.35
QPSK	2	1/31	SISO-D	High	18.33	43	-24.67
QPSK	3	1/31	SISO-D	Mid	18.91	43	-24.09
QPSK	3	1/31	SISO-D	High	18.45	43	-24.55
QPSK	4	1/31	SISO-D	Mid	22.16	43	-20.84
QPSK	4	1/31	SISO-D	High	18.78	43	-24.22
QPSK	1	32/0	SISO-D	Low	27	43	-16
QPSK	1	32/0	SISO-D	Mid	28.68	43	-14.32
QPSK	1	32/0	SISO-D	High	26.41	43	-16.59
QPSK	2	32/0	SISO-D	Low	26.7	43	-16.3
QPSK	2	32/0	SISO-D	Mid	28.05	43	-14.95
QPSK	2	32/0	SISO-D	High	26	43	-17
QPSK	3	32/0	SISO-D	Low	24.18	43	-18.82
QPSK	3	32/0	SISO-D	Mid	25.37	43	-17.63
QPSK	3	32/0	SISO-D	High	23.56	43	-19.44
QPSK	4	32/0	SISO-D	Low	24.54	43	-18.46
QPSK	4	32/0	SISO-D	Mid	25.28	43	-17.72
QPSK	4	32/0	SISO-D	High	23.47	43	-19.53
QPSK	1	1/15	SISO	Mid	26.8	43	-16.2
QPSK	2	1/15	SISO	Mid	19.33	43	-23.67
QPSK	3	1/15	SISO	Mid	19.76	43	-23.24
QPSK	4	1/15	SISO	Mid	19.47	43	-23.53
QPSK	1	32/0	SISO	Mid	26.92	43	-16.08
QPSK	2	32/0	SISO	Mid	26.39	43	-16.61
QPSK	3	32/0	SISO	Mid	23.92	43	-19.08
QPSK	4	32/0	SISO	Mid	23.61	43	-19.39
QPSK	1	1/15	MIMO	Mid	27.18	43	-15.82
QPSK	2	1/15	MIMO	Mid	20.97	43	-22.03
QPSK	3	1/15	MIMO	Mid	20.98	43	-22.02
QPSK	4	1/15	MIMO	Mid	20.62	43	-22.38
QPSK	1	32/0	MIMO	Low	24.1	43	-18.9
QPSK	1	32/0	MIMO	Mid	25.55	43	-17.45

Modulation	CCs Active	RB (Size/Offset)	Control System	Channel	Avg EIRP (dBm)	Limit (dBm)	Margin (dB)
QPSK	1	32/0	MIMO	High	24.56	43	-18.44
QPSK	2	32/0	MIMO	Low	23.76	43	-19.24
QPSK	2	32/0	MIMO	Mid	24.99	43	-18.01
QPSK	2	32/0	MIMO	High	24.2	43	-18.8
QPSK	3	32/0	MIMO	Low	23.27	43	-19.73
QPSK	3	32/0	MIMO	Mid	23.83	43	-19.17
QPSK	3	32/0	MIMO	High	23.36	43	-19.64
QPSK	4	32/0	MIMO	Low	23.24	43	-19.76
QPSK	4	32/0	MIMO	Mid	23.89	43	-19.11
QPSK	4	32/0	MIMO	High	23.43	43	-19.57
$\pi/2$ BPSK	1	1/15	SISO-D	Mid	28.52	43	-14.48
$\pi/2$ BPSK	1	32/0	SISO-D	Mid	28.64	43	-14.36
$\pi/2$ BPSK	2	32/0	SISO-D	Mid	28.03	43	-14.97
$\pi/2$ BPSK	3	32/0	SISO-D	Mid	25.36	43	-17.64
$\pi/2$ BPSK	4	32/0	SISO-D	Mid	25.32	43	-17.68
16QAM	1	1/15	SISO-D	Mid	28.39	43	-14.61
16QAM	1	32/0	SISO-D	Mid	28.06	43	-14.94
16QAM	2	32/0	SISO-D	Mid	27.52	43	-15.48
16QAM	3	32/0	SISO-D	Mid	24.37	43	-18.63
16QAM	4	32/0	SISO-D	Mid	24.41	43	-18.59
64QAM	1	1/15	SISO-D	Mid	25.58	43	-17.42
64QAM	1	32/0	SISO-D	Mid	25.1	43	-17.9
64QAM	2	32/0	SISO-D	Mid	24.03	43	-18.97
64QAM	3	32/0	SISO-D	Mid	22.87	43	-20.13
64QAM	4	32/0	SISO-D	Mid	22.9	43	-20.1

8.2.4. n258 SB2 RESULTS – 100MHz BANDWIDTH

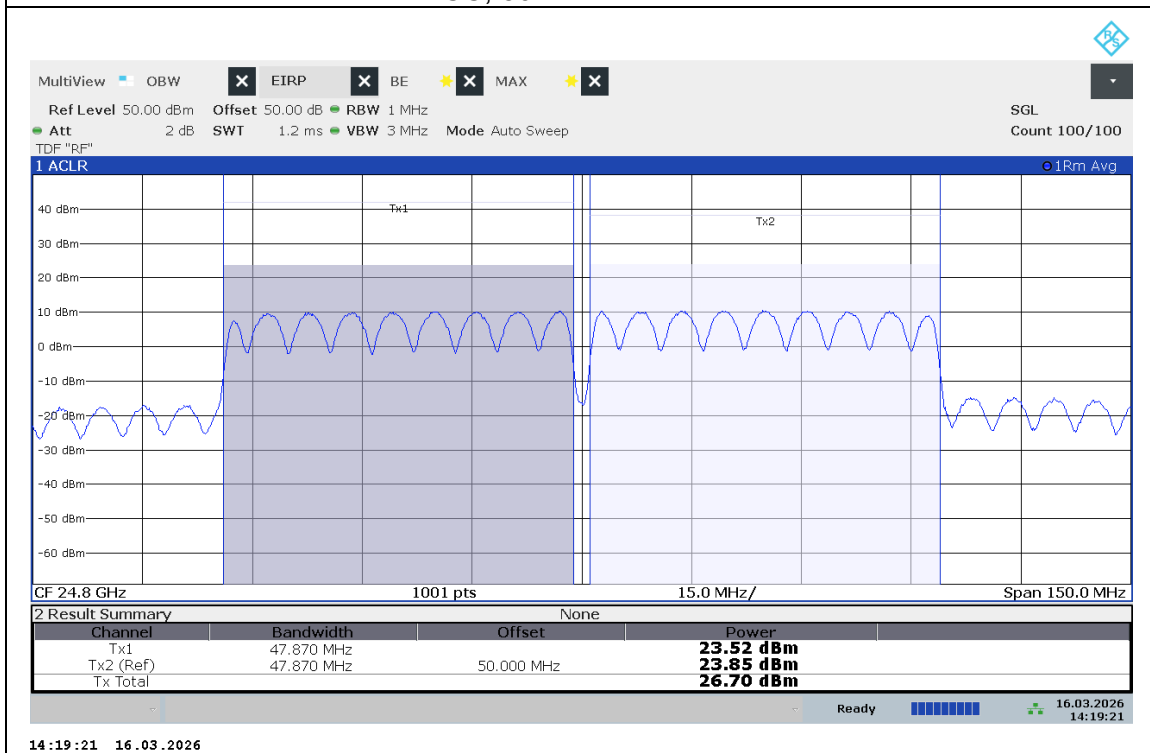
Modulation	CCs Active	RB (Size/Offset)	Control System	Channel	Avg EIRP (dBm)	Limit (dBm)	Margin (dB)
QPSK	1	1/0	SISO-D	Low	24.06	43	-18.94
QPSK	1	1/0	SISO-D	Mid	25.9	43	-17.1
QPSK	2	1/0	SISO-D	Low	20.02	43	-22.98
QPSK	2	1/0	SISO-D	Mid	21.3	43	-21.7
QPSK	3	1/0	SISO-D	Low	20.94	43	-22.06
QPSK	3	1/0	SISO-D	Mid	21.52	43	-21.48
QPSK	4	1/0	SISO-D	Low	20.49	43	-22.51
QPSK	4	1/0	SISO-D	Mid	21.47	43	-21.53
QPSK	1	1/33	SISO-D	Low	28.76	43	-14.24
QPSK	1	1/33	SISO-D	Mid	29.03	43	-13.97
QPSK	1	1/33	SISO-D	High	25.24	43	-17.76
QPSK	2	1/33	SISO-D	Mid	21.33	43	-21.67
QPSK	3	1/33	SISO-D	Mid	21.52	43	-21.48
QPSK	4	1/33	SISO-D	Mid	21.33	43	-21.67
QPSK	1	1/65	SISO-D	Mid	25.78	43	-17.22
QPSK	1	1/65	SISO-D	High	22.83	43	-20.17
QPSK	2	1/65	SISO-D	Mid	20.22	43	-22.78
QPSK	2	1/65	SISO-D	High	19.38	43	-23.62
QPSK	3	1/65	SISO-D	Mid	20.78	43	-22.22
QPSK	3	1/65	SISO-D	High	22	43	-21
QPSK	4	1/65	SISO-D	Mid	19.44	43	-23.56
QPSK	4	1/65	SISO-D	High	21.87	43	-21.13
QPSK	1	64/0	SISO-D	Low	27.1	43	-15.9
QPSK	1	64/0	SISO-D	Mid	27.94	43	-15.06
QPSK	1	64/0	SISO-D	High	24.97	43	-18.03
QPSK	2	64/0	SISO-D	Low	27.91	43	-15.09
QPSK	2	64/0	SISO-D	Mid	27.6	43	-15.4
QPSK	2	64/0	SISO-D	High	24.88	43	-18.12
QPSK	3	64/0	SISO-D	Low	25.28	43	-17.72
QPSK	3	64/0	SISO-D	Mid	25.05	43	-17.95
QPSK	3	64/0	SISO-D	High	22.57	43	-20.43
QPSK	4	64/0	SISO-D	Low	22.52	43	-20.48
QPSK	4	64/0	SISO-D	Mid	24.88	43	-18.12
QPSK	4	64/0	SISO-D	High	22.54	43	-20.46
QPSK	1	1/33	SISO	Mid	26.91	43	-16.09
QPSK	2	1/33	SISO	Mid	19.45	43	-23.55
QPSK	3	1/33	SISO	Mid	19.51	43	-23.49
QPSK	4	1/33	SISO	Mid	19.45	43	-23.55
QPSK	1	64/0	SISO	Mid	26.48	43	-16.52
QPSK	2	64/0	SISO	Mid	26.39	43	-16.61
QPSK	3	64/0	SISO	Mid	23.74	43	-19.26
QPSK	4	64/0	SISO	Mid	23.55	43	-19.45
QPSK	1	1/33	MIMO	Mid	27.79	43	-15.21
QPSK	2	1/33	MIMO	Mid	21.52	43	-21.48
QPSK	3	1/33	MIMO	Mid	21.55	43	-21.45
QPSK	4	1/33	MIMO	Mid	21.37	43	-21.63
QPSK	1	66/0	MIMO	Low	24.32	43	-18.68
QPSK	1	66/0	MIMO	Mid	25.95	43	-17.05

Modulation	CCs Active	RB (Size/Offset)	Control System	Channel	Avg EIRP (dBm)	Limit (dBm)	Margin (dB)
QPSK	1	66/0	MIMO	High	24.42	43	-18.58
QPSK	2	66/0	MIMO	Low	24.82	43	-18.18
QPSK	2	66/0	MIMO	Mid	25.65	43	-17.35
QPSK	2	66/0	MIMO	High	24.34	43	-18.66
QPSK	3	66/0	MIMO	Low	23.9	43	-19.1
QPSK	3	66/0	MIMO	Mid	24.61	43	-18.39
QPSK	3	66/0	MIMO	High	23.68	43	-19.32
QPSK	4	66/0	MIMO	Low	23.79	43	-19.21
QPSK	4	66/0	MIMO	Mid	24.46	43	-18.54
QPSK	4	66/0	MIMO	High	23.73	43	-19.27
$\pi/2$ BPSK	1	1/33	SISO-D	Mid	28.93	43	-14.07
$\pi/2$ BPSK	1	64/0	SISO-D	Mid	27.86	43	-15.14
$\pi/2$ BPSK	2	64/0	SISO-D	Mid	27.6	43	-15.4
$\pi/2$ BPSK	3	64/0	SISO-D	Mid	25.04	43	-17.96
$\pi/2$ BPSK	4	64/0	SISO-D	Mid	24.86	43	-18.14
16QAM	1	1/33	SISO-D	Mid	29.05	43	-13.95
16QAM	1	64/0	SISO-D	Mid	27.4	43	-15.6
16QAM	2	64/0	SISO-D	Mid	27.13	43	-15.87
16QAM	3	64/0	SISO-D	Mid	24.09	43	-18.91
16QAM	4	64/0	SISO-D	Mid	23.99	43	-19.01
64QAM	1	1/33	SISO-D	Mid	26.02	43	-16.98
64QAM	1	64/0	SISO-D	Mid	24.34	43	-18.66
64QAM	2	64/0	SISO-D	Mid	23.65	43	-19.35
64QAM	3	64/0	SISO-D	Mid	22.55	43	-20.45
64QAM	4	64/0	SISO-D	Mid	22.49	43	-20.51

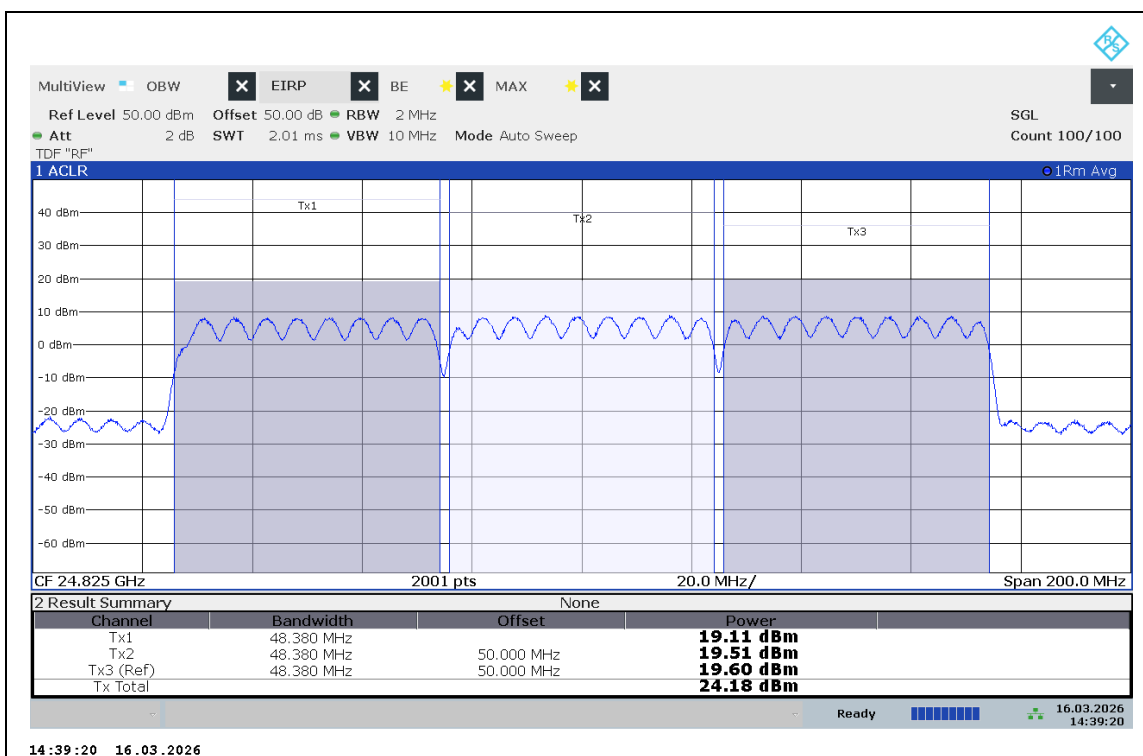
n258 SB2, SISO-DUAL, QPSK, Low Ch



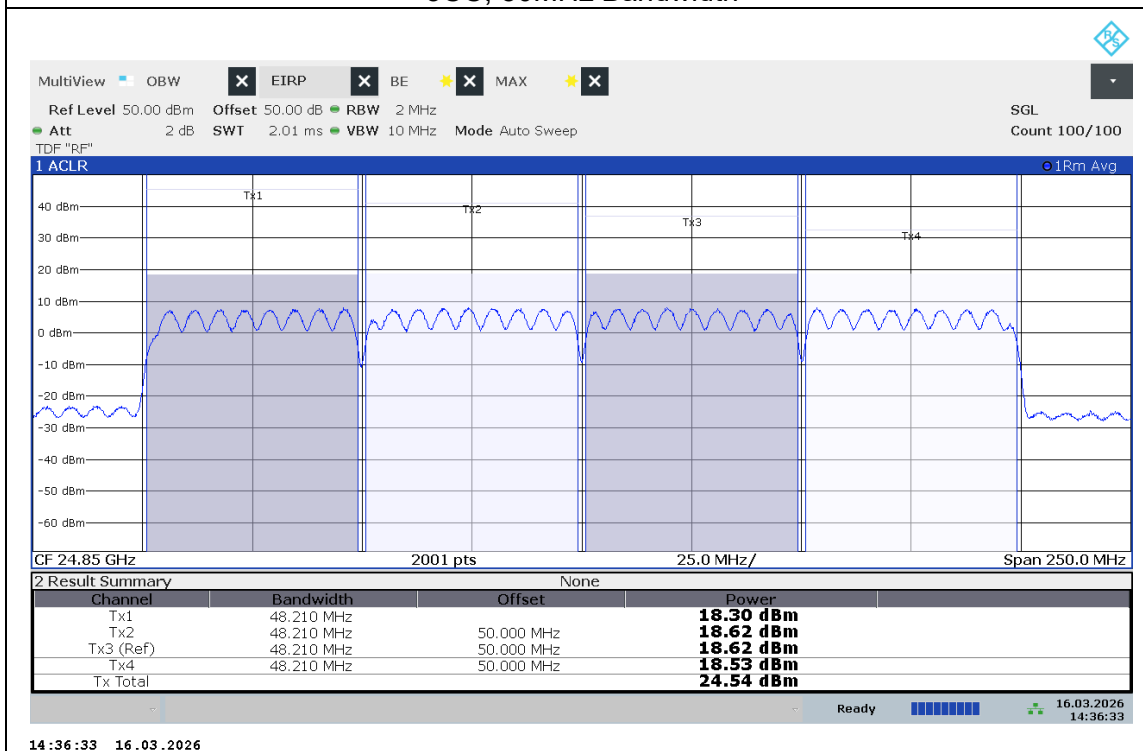
1CC, 50MHz Bandwidth



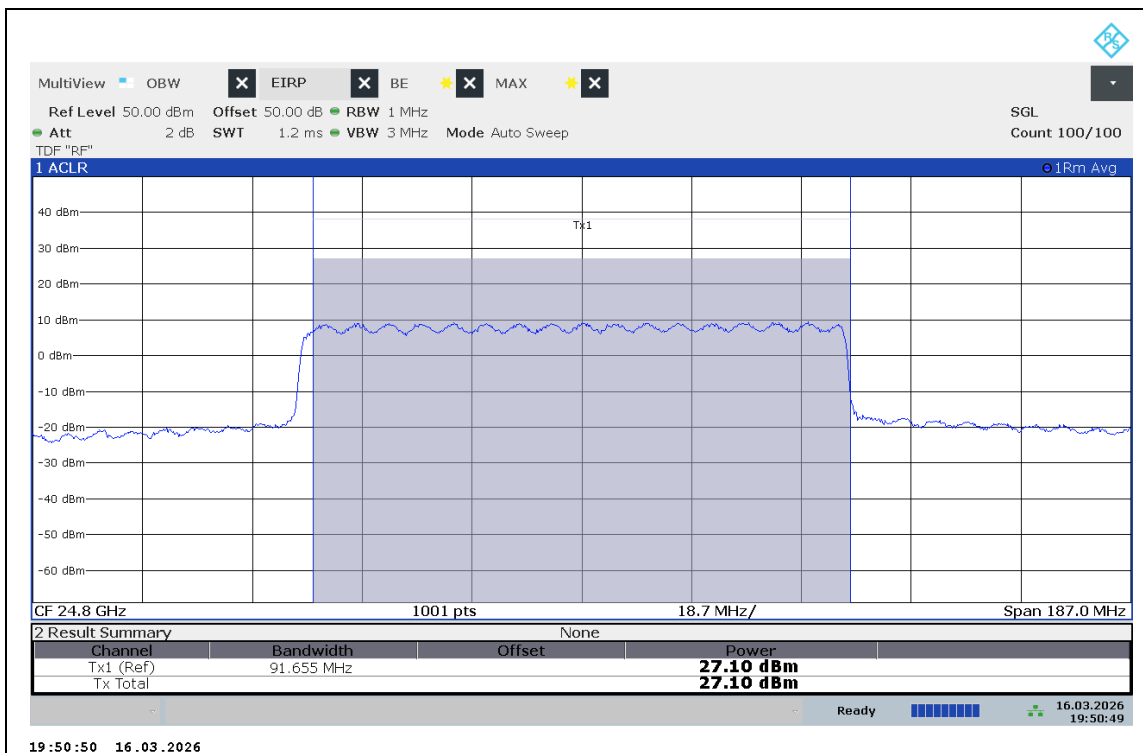
2CC, 50MHz Bandwidth



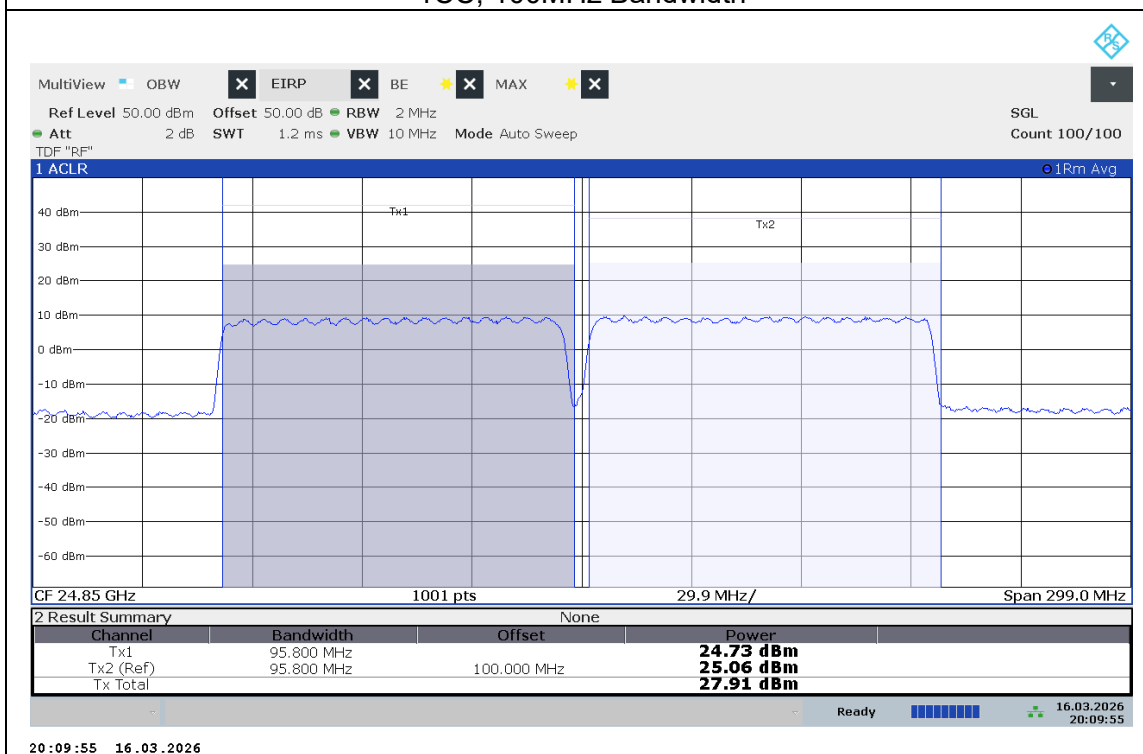
3CC, 50MHz Bandwidth



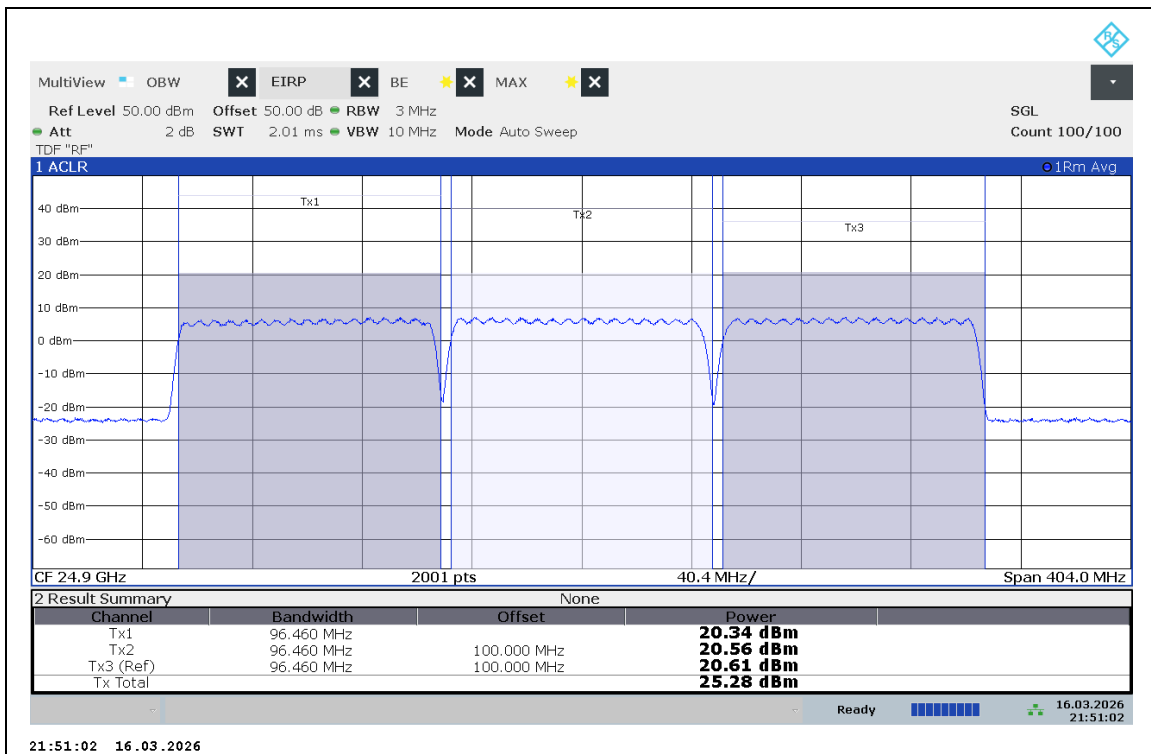
4CC, 50MHz Bandwidth



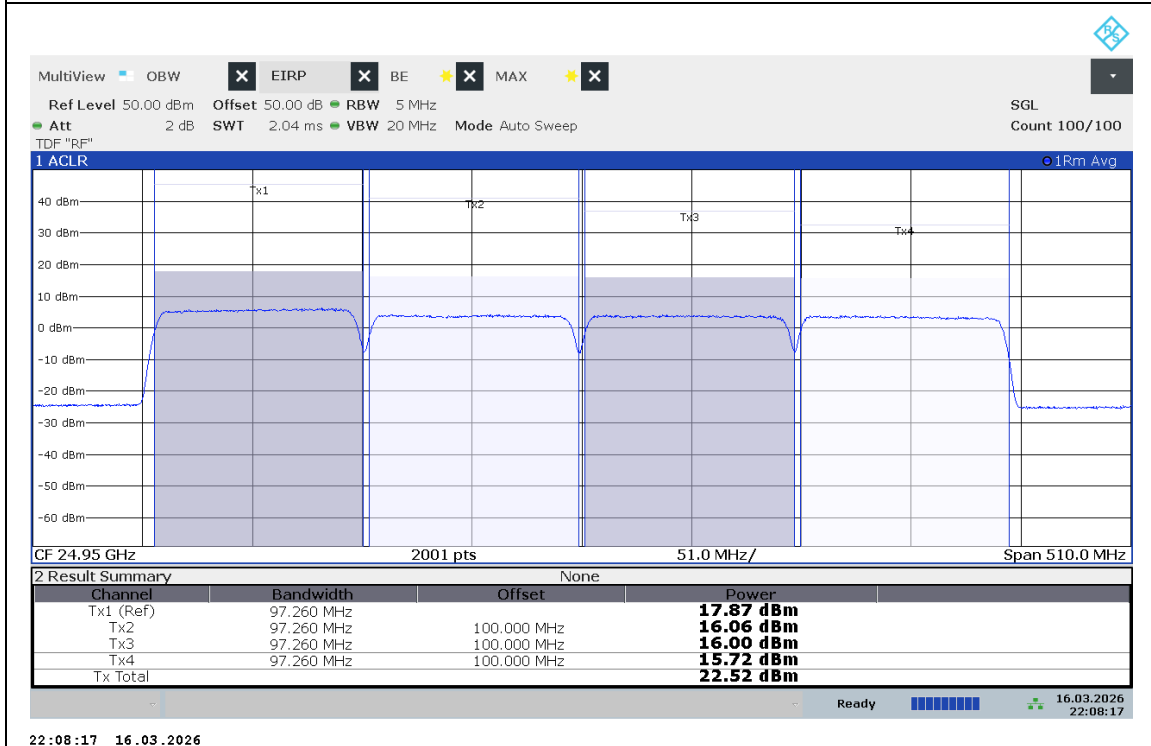
1CC, 100MHz Bandwidth



2CC, 100MHz Bandwidth



3CC, 100MHz Bandwidth

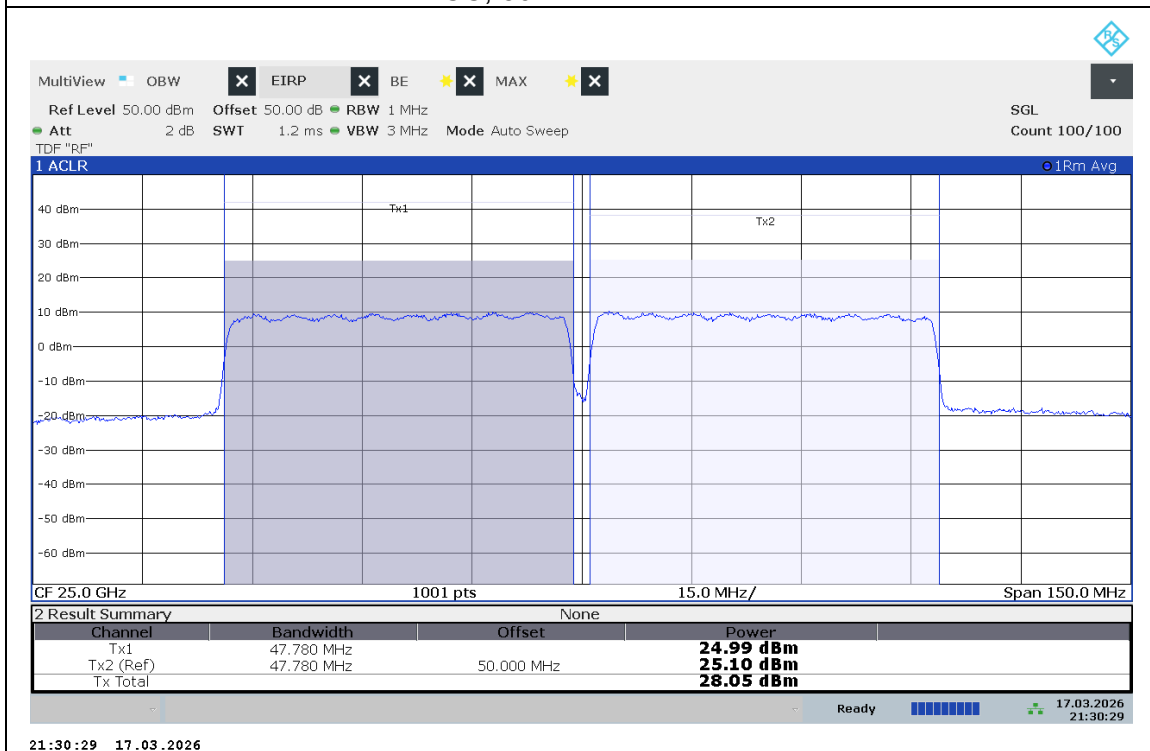


4CC, 100MHz Bandwidth

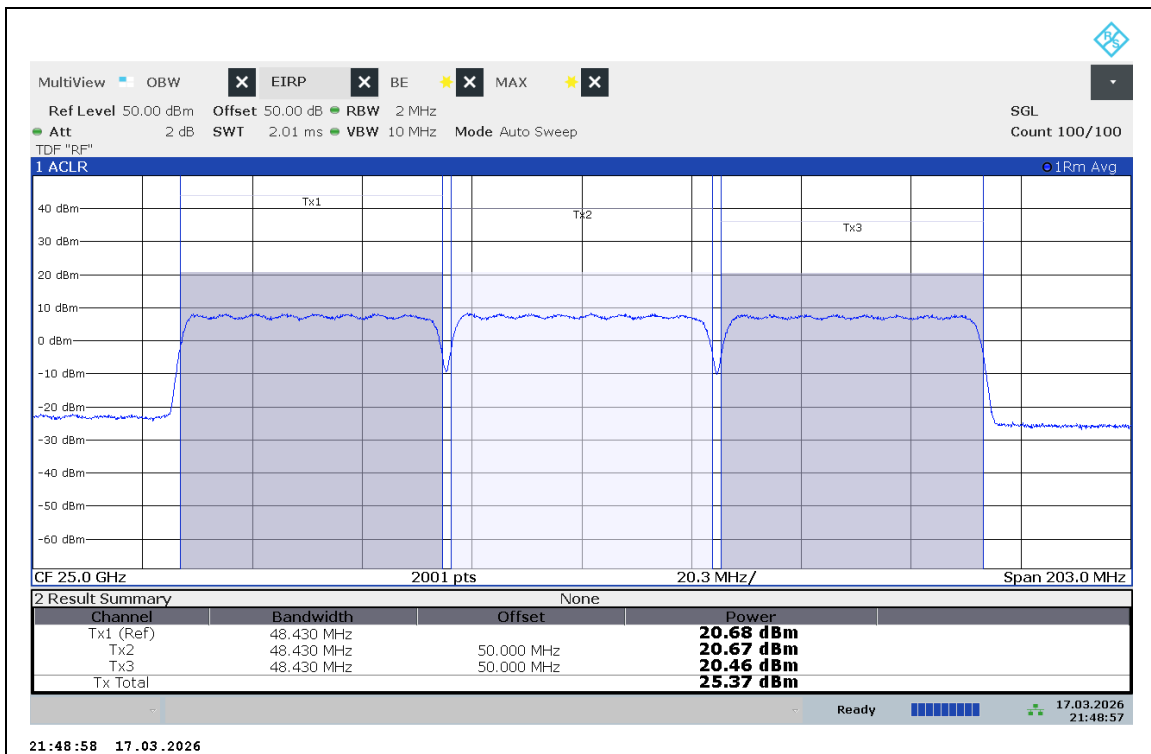
n258 SB2, SISO-DUAL, QPSK, Mid Ch



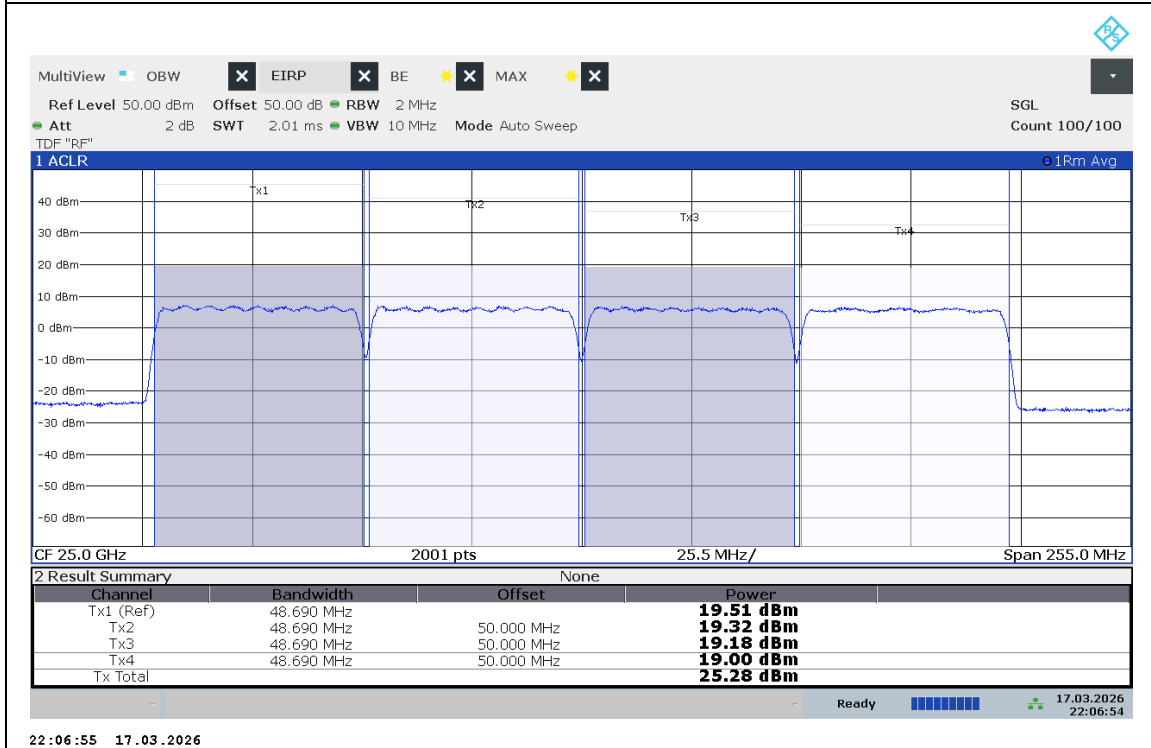
1CC, 50MHz Bandwidth



2CC, 50MHz Bandwidth



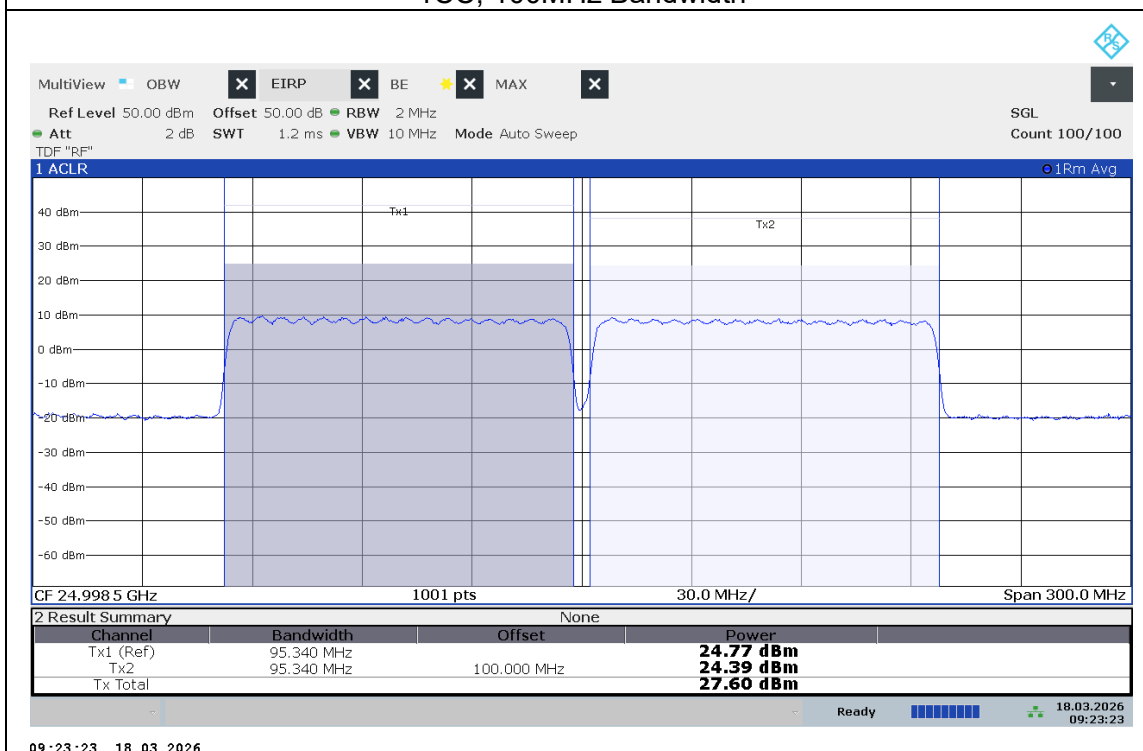
3CC, 50MHz Bandwidth



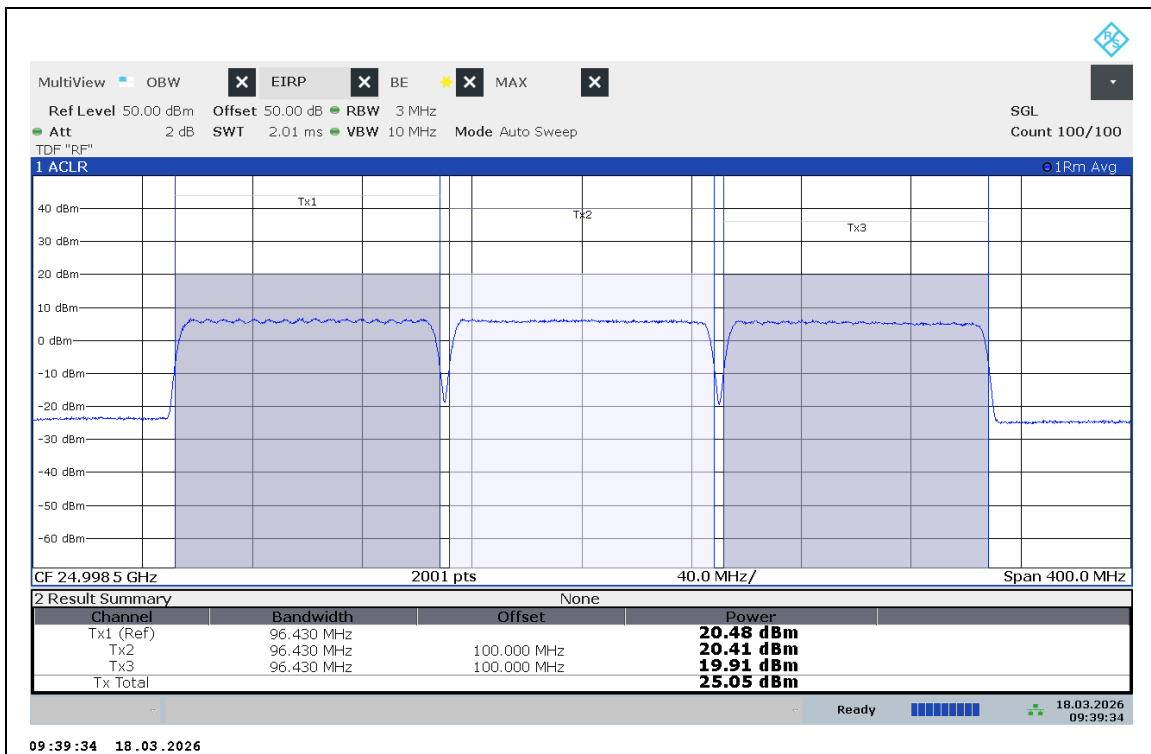
4CC, 50MHz Bandwidth



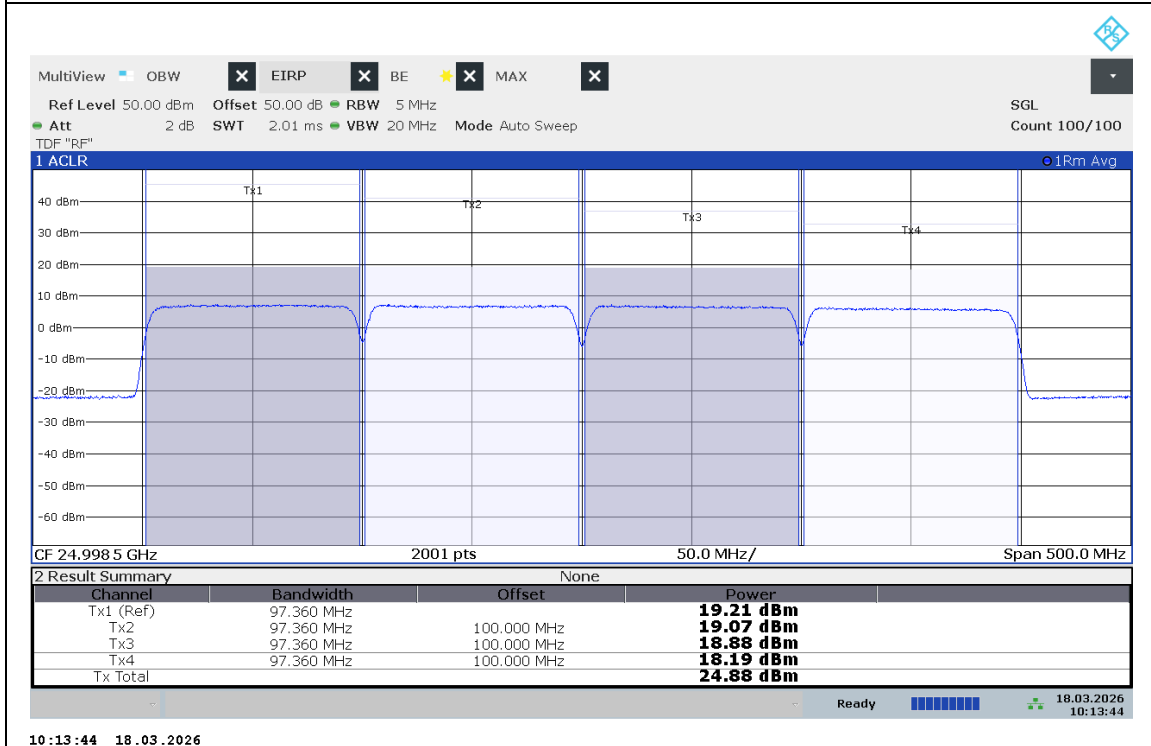
1CC, 100MHz Bandwidth



2CC, 100MHz Bandwidth



3CC, 100MHz Bandwidth

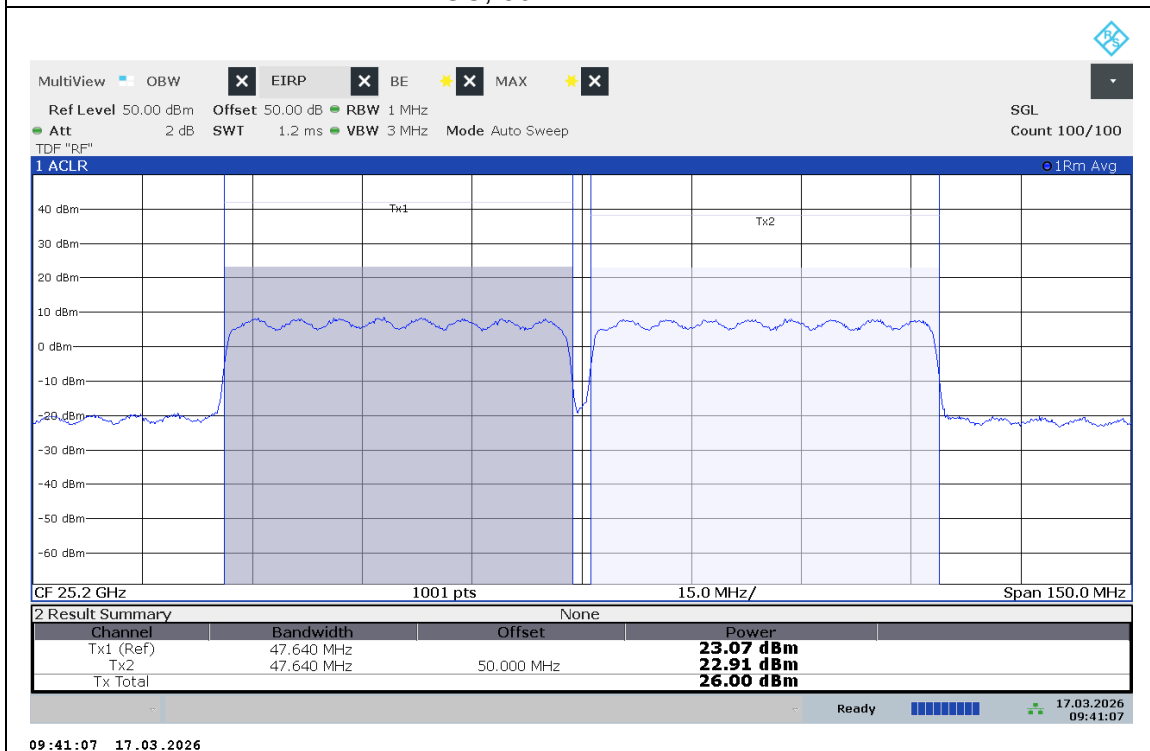


4CC, 100MHz Bandwidth

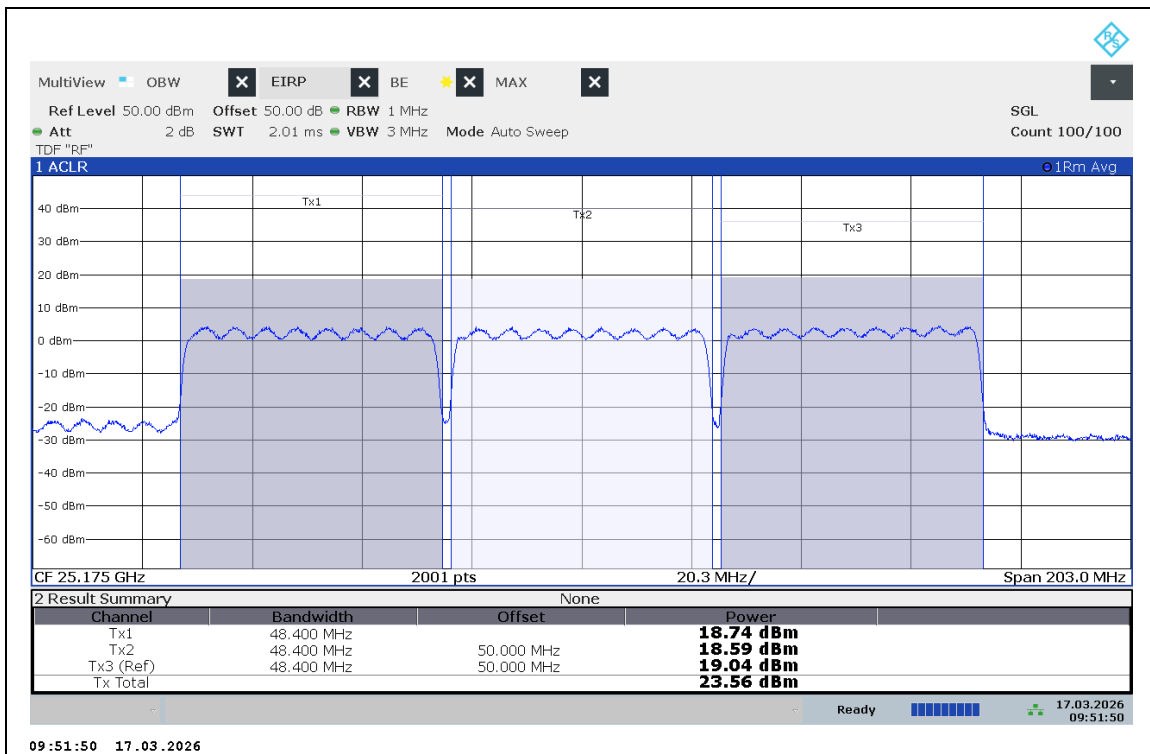
n258 SB2, SISO-DUAL, QPSK, High Ch



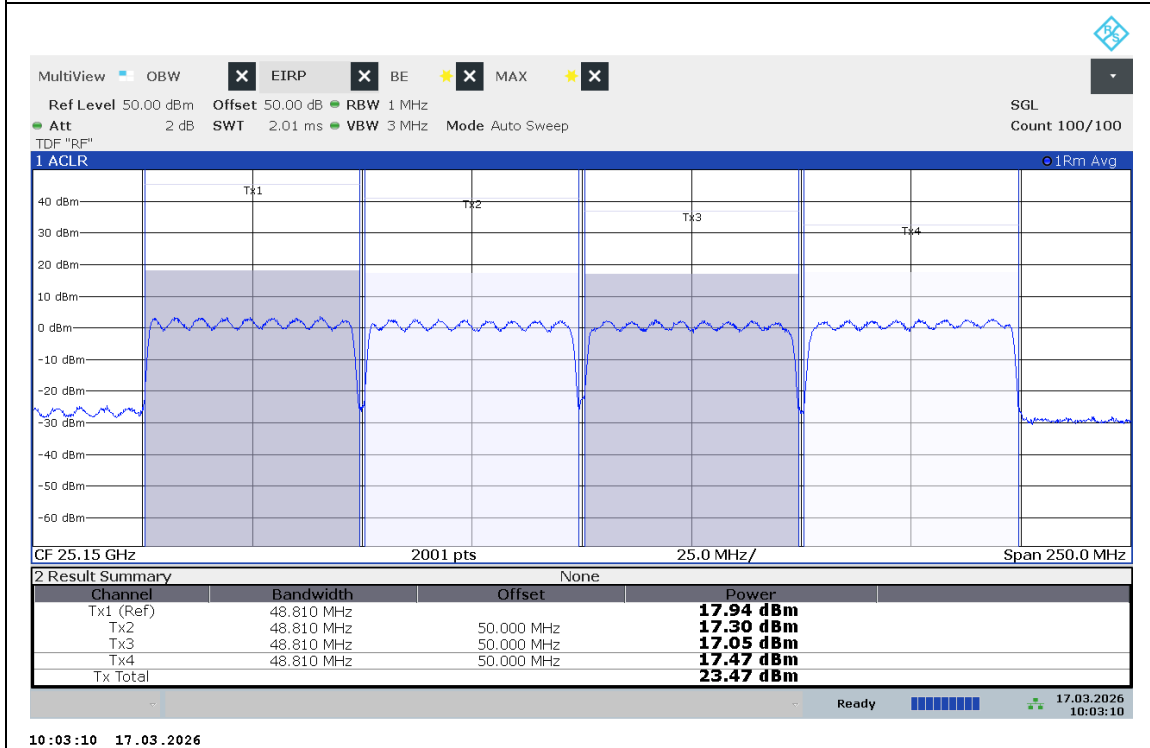
1CC, 50MHz Bandwidth



2CC, 50MHz Bandwidth



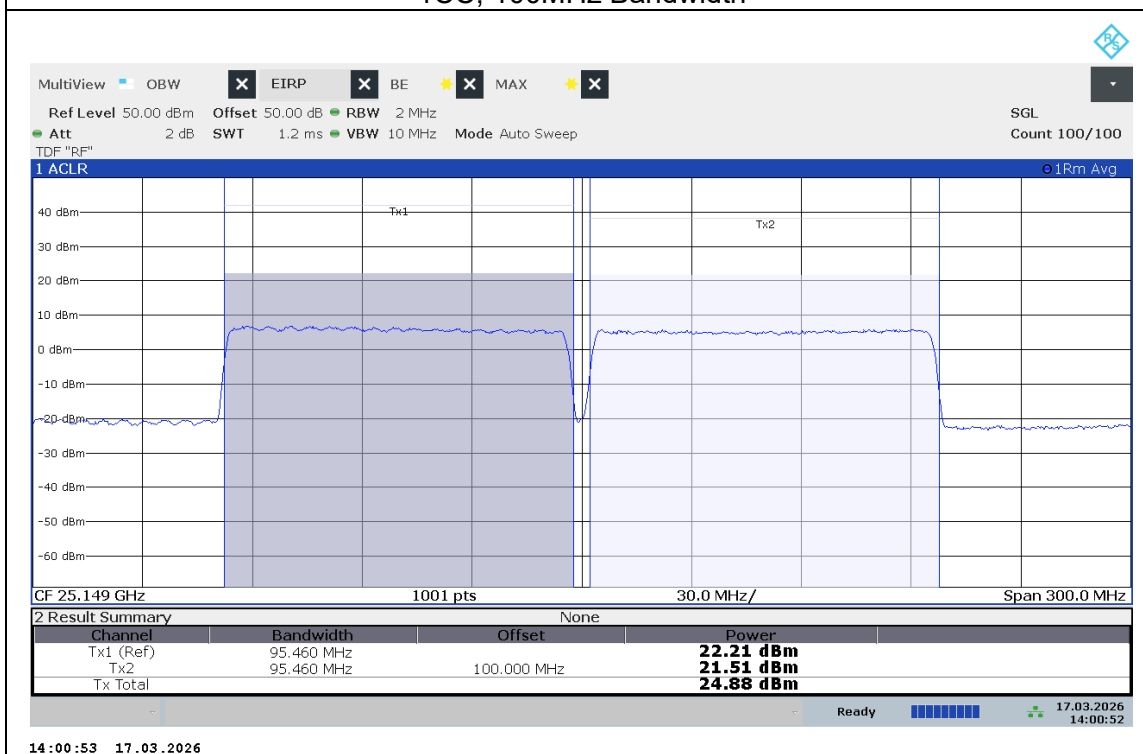
3CC, 50MHz Bandwidth



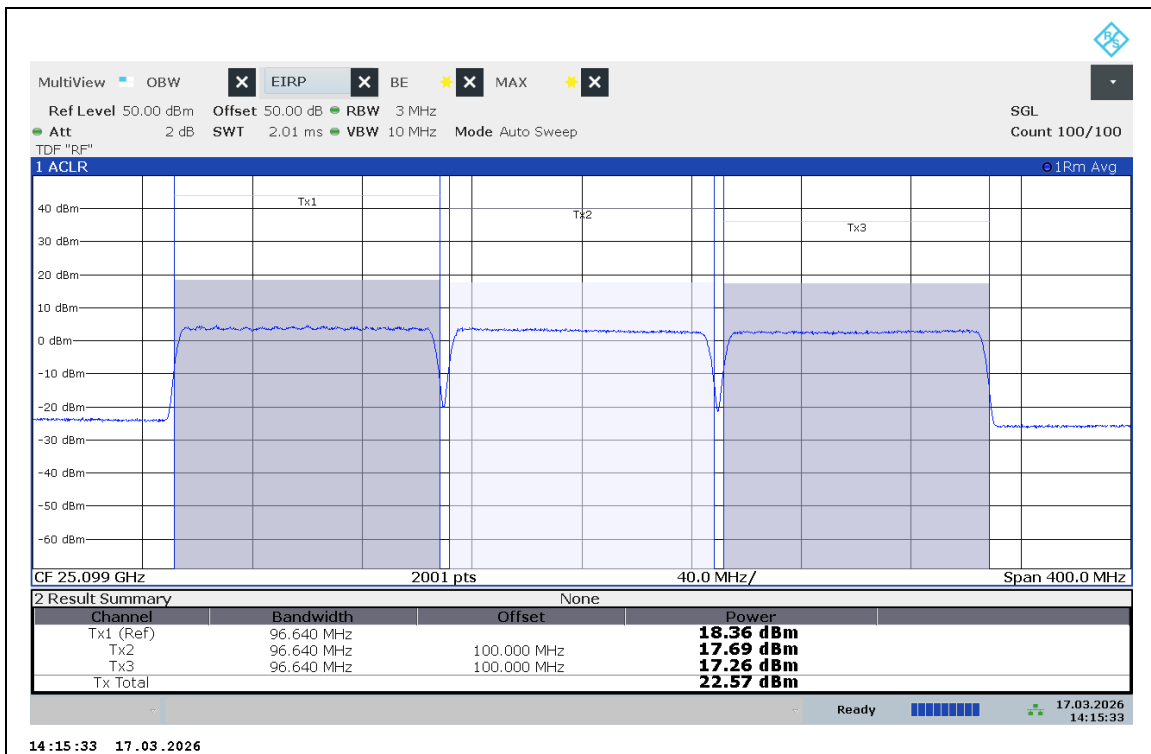
4CC, 50MHz Bandwidth



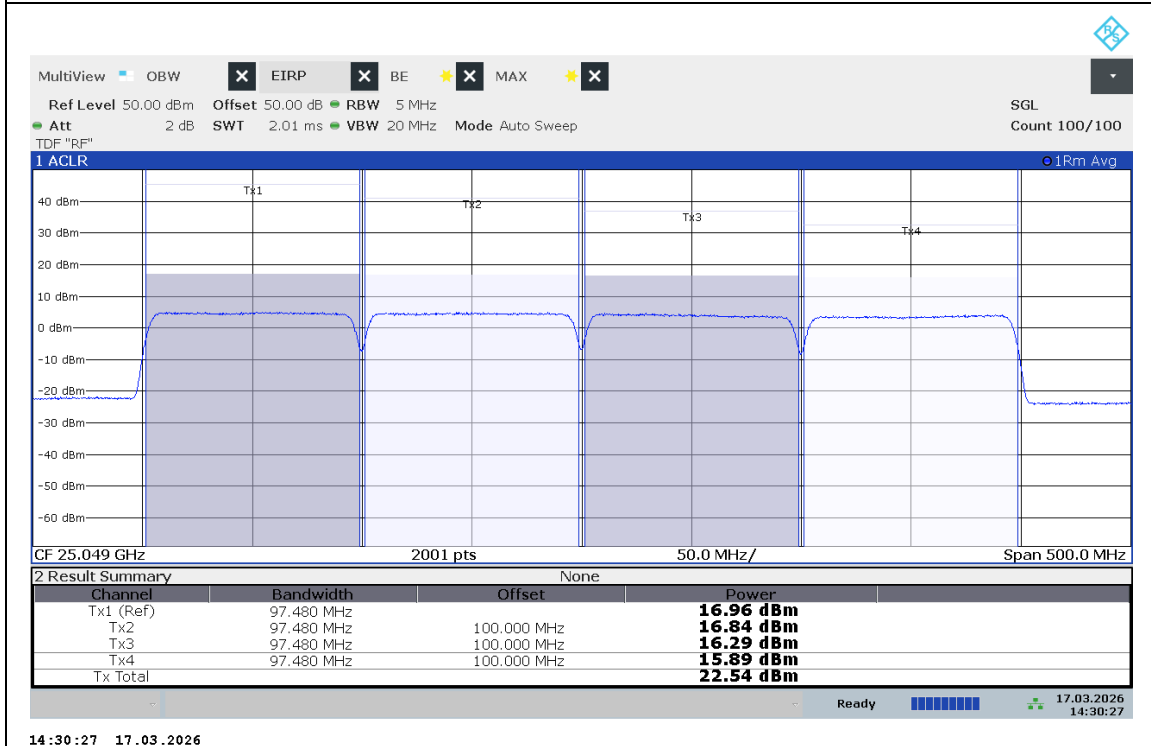
1CC, 100MHz Bandwidth



2CC, 100MHz Bandwidth



3CC, 100MHz Bandwidth



4CC, 100MHz Bandwidth

8.2.5. n260 RESULTS – 50MHz BANDWIDTH

Modulation	CCs Active	RB (Size/Offset)	Control System	Channel	Avg EIRP (dBm)	Limit (dBm)	Margin (dB)
QPSK	1	1/0	SISO-D	Low	29.3	43	-13.7
QPSK	1	1/0	SISO-D	Mid	29.1	43	-13.9
QPSK	2	1/0	SISO-D	Low	23.92	43	-19.08
QPSK	2	1/0	SISO-D	Mid	24.19	43	-18.81
QPSK	3	1/0	SISO-D	Low	24.19	43	-18.81
QPSK	3	1/0	SISO-D	Mid	22.97	43	-20.03
QPSK	4	1/0	SISO-D	Low	22.71	43	-20.29
QPSK	4	1/0	SISO-D	Mid	22.03	43	-20.97
QPSK	1	1/15	SISO-D	Low	31.1	43	-11.9
QPSK	1	1/15	SISO-D	Mid	30.26	43	-12.74
QPSK	1	1/15	SISO-D	High	27.93	43	-15.07
QPSK	2	1/15	SISO-D	Mid	23.96	43	-19.04
QPSK	3	1/15	SISO-D	Mid	22.8	43	-20.2
QPSK	4	1/15	SISO-D	Mid	22.63	43	-20.37
QPSK	1	1/31	SISO-D	Mid	26.79	43	-16.21
QPSK	1	1/31	SISO-D	High	27.2	43	-15.8
QPSK	2	1/31	SISO-D	Mid	23.98	43	-19.02
QPSK	2	1/31	SISO-D	High	23	43	-20
QPSK	3	1/31	SISO-D	Mid	23.38	43	-19.62
QPSK	3	1/31	SISO-D	High	22.38	43	-20.62
QPSK	4	1/31	SISO-D	Mid	23.66	43	-19.34
QPSK	4	1/31	SISO-D	High	22.39	43	-20.61
QPSK	1	32/0	SISO-D	Low	29.09	43	-13.91
QPSK	1	32/0	SISO-D	Mid	28.08	43	-14.92
QPSK	1	32/0	SISO-D	High	26.1	43	-16.9
QPSK	2	32/0	SISO-D	Low	28.77	43	-14.23
QPSK	2	32/0	SISO-D	Mid	27.47	43	-15.53
QPSK	2	32/0	SISO-D	High	25.8	43	-17.2
QPSK	3	32/0	SISO-D	Low	25.93	43	-17.07
QPSK	3	32/0	SISO-D	Mid	25.43	43	-17.57
QPSK	3	32/0	SISO-D	High	22.62	43	-20.38
QPSK	4	32/0	SISO-D	Low	25.81	43	-17.19
QPSK	4	32/0	SISO-D	Mid	25.7	43	-17.3
QPSK	4	32/0	SISO-D	High	24.28	43	-18.72
QPSK	1	1/15	SISO	Mid	27.43	43	-15.57
QPSK	2	1/15	SISO	Mid	20.5	43	-22.5
QPSK	3	1/15	SISO	Mid	22.49	43	-20.51
QPSK	4	1/15	SISO	Mid	22.33	43	-20.67
QPSK	1	32/0	SISO	Mid	27.56	43	-15.44
QPSK	2	32/0	SISO	Mid	26.97	43	-16.03
QPSK	3	32/0	SISO	Mid	26.81	43	-16.19
QPSK	4	32/0	SISO	Mid	26.83	43	-16.17
QPSK	1	1/15	MIMO	Mid	28.76	43	-14.24
QPSK	2	1/15	MIMO	Mid	22.61	43	-20.39
QPSK	3	1/15	MIMO	Mid	22.58	43	-20.42
QPSK	4	1/15	MIMO	Mid	22.3	43	-20.7
QPSK	1	32/0	MIMO	Low	27.63	43	-15.37
QPSK	1	32/0	MIMO	Mid	27.26	43	-15.74

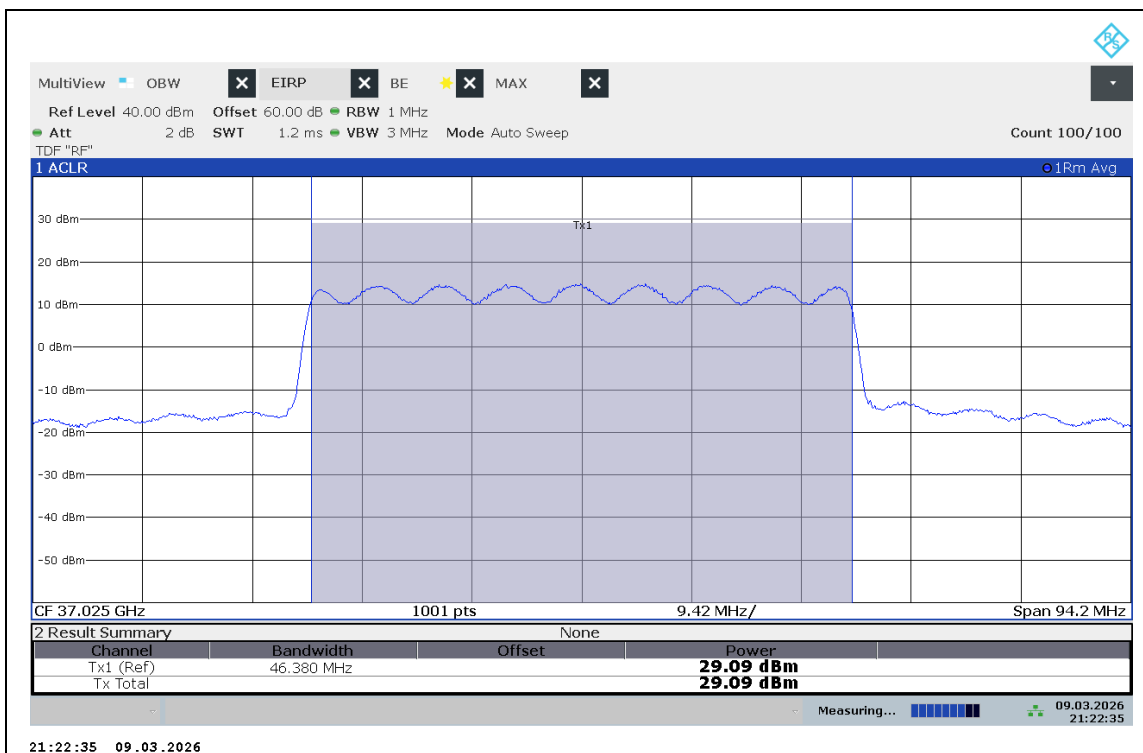
Modulation	CCs Active	RB (Size/Offset)	Control System	Channel	Avg EIRP (dBm)	Limit (dBm)	Margin (dB)
QPSK	1	32/0	MIMO	High	26.55	43	-16.45
QPSK	2	32/0	MIMO	Low	26.74	43	-16.26
QPSK	2	32/0	MIMO	Mid	26.22	43	-16.78
QPSK	2	32/0	MIMO	High	25.8	43	-17.2
QPSK	3	32/0	MIMO	Low	25.35	43	-17.65
QPSK	3	32/0	MIMO	Mid	25.65	43	-17.35
QPSK	3	32/0	MIMO	High	24.27	43	-18.73
QPSK	4	32/0	MIMO	Low	25.46	43	-17.54
QPSK	4	32/0	MIMO	Mid	26.02	43	-16.98
QPSK	4	32/0	MIMO	High	24.34	43	-18.66
$\pi/2$ BPSK	1	1/15	SISO-D	Mid	30.18	43	-12.82
$\pi/2$ BPSK	1	32/0	SISO-D	Mid	28.1	43	-14.9
$\pi/2$ BPSK	2	32/0	SISO-D	Mid	27.49	43	-15.51
$\pi/2$ BPSK	3	32/0	SISO-D	Mid	25.41	43	-17.59
$\pi/2$ BPSK	4	32/0	SISO-D	Mid	25.69	43	-17.31
16QAM	1	1/15	SISO-D	Mid	30.12	43	-12.88
16QAM	1	32/0	SISO-D	Mid	28.04	43	-14.96
16QAM	2	32/0	SISO-D	Mid	26.92	43	-16.08
16QAM	3	32/0	SISO-D	Mid	24.41	43	-18.59
16QAM	4	32/0	SISO-D	Mid	24.78	43	-18.22
64QAM	1	1/15	SISO-D	Mid	27.25	43	-15.75
64QAM	1	32/0	SISO-D	Mid	24.61	43	-18.39
64QAM	2	32/0	SISO-D	Mid	23.53	43	-19.47
64QAM	3	32/0	SISO-D	Mid	22.95	43	-20.05
64QAM	4	32/0	SISO-D	Mid	23.28	43	-19.72

8.2.6. n260 RESULTS – 100MHz BANDWIDTH

Modulation	CCs Active	RB (Size/Offset)	Control System	Channel	Avg EIRP (dBm)	Limit (dBm)	Margin (dB)
QPSK	1	1/0	SISO-D	Low	27.81	43	-15.19
QPSK	1	1/0	SISO-D	Mid	25.6	43	-17.4
QPSK	2	1/0	SISO-D	Low	23.59	43	-19.41
QPSK	2	1/0	SISO-D	Mid	22.44	43	-20.56
QPSK	3	1/0	SISO-D	Low	23.09	43	-19.91
QPSK	3	1/0	SISO-D	Mid	18.73	43	-24.27
QPSK	4	1/0	SISO-D	Low	21.92	43	-21.08
QPSK	4	1/0	SISO-D	Mid	17.67	43	-25.33
QPSK	1	1/33	SISO-D	Low	29.23	43	-13.77
QPSK	1	1/33	SISO-D	Mid	31.44	43	-11.56
QPSK	1	1/33	SISO-D	High	29.17	43	-13.83
QPSK	2	1/33	SISO-D	Mid	23.5	43	-19.5
QPSK	3	1/33	SISO-D	Mid	22.77	43	-20.23
QPSK	4	1/33	SISO-D	Mid	23.01	43	-19.99
QPSK	1	1/65	SISO-D	Mid	28.42	43	-14.58
QPSK	1	1/65	SISO-D	High	26.93	43	-16.07
QPSK	2	1/65	SISO-D	Mid	19.92	43	-23.08
QPSK	2	1/65	SISO-D	High	20.96	43	-22.04
QPSK	3	1/65	SISO-D	Mid	21.93	43	-26.26
QPSK	3	1/65	SISO-D	High	21.12	43	-21.88
QPSK	4	1/65	SISO-D	Mid	22.33	43	-25.34
QPSK	4	1/65	SISO-D	High	19.81	43	-23.19
QPSK	1	64/0	SISO-D	Low	29.8	43	-13.2
QPSK	1	64/0	SISO-D	Mid	26.48	43	-16.52
QPSK	1	64/0	SISO-D	High	28.12	43	-14.88
QPSK	2	64/0	SISO-D	Low	29.41	43	-13.59
QPSK	2	64/0	SISO-D	Mid	29.09	43	-13.91
QPSK	2	64/0	SISO-D	High	27.33	43	-15.67
QPSK	3	64/0	SISO-D	Low	27.03	43	-15.97
QPSK	3	64/0	SISO-D	Mid	20.32	43	-22.68
QPSK	3	64/0	SISO-D	High	24.68	43	-18.32
QPSK	4	64/0	SISO-D	Low	27.17	43	-15.83
QPSK	4	64/0	SISO-D	Mid	24.57	43	-18.43
QPSK	4	64/0	SISO-D	High	24.48	43	-18.52
QPSK	1	1/33	SISO	Mid	29.55	43	-13.45
QPSK	2	1/33	SISO	Mid	22.27	43	-20.73
QPSK	3	1/33	SISO	Mid	22.43	43	-20.57
QPSK	4	1/33	SISO	Mid	22.4	43	-20.6
QPSK	1	64/0	SISO	Mid	29.34	43	-13.66
QPSK	2	64/0	SISO	Mid	29.18	43	-13.82
QPSK	3	64/0	SISO	Mid	26.61	43	-16.39
QPSK	4	64/0	SISO	Mid	26.36	43	-16.64
QPSK	1	1/33	MIMO	Mid	29.07	43	-13.93
QPSK	2	1/33	MIMO	Mid	22.07	43	-20.93
QPSK	3	1/33	MIMO	Mid	20.73	43	-22.27
QPSK	4	1/33	MIMO	Mid	20.48	43	-22.52
QPSK	1	66/0	MIMO	Low	27.92	43	-15.08
QPSK	1	66/0	MIMO	Mid	27.27	43	-15.73

Modulation	CCs Active	RB (Size/Offset)	Control System	Channel	Avg EIRP (dBm)	Limit (dBm)	Margin (dB)
QPSK	1	66/0	MIMO	High	26.81	43	-16.19
QPSK	2	66/0	MIMO	Low	26.74	43	-16.26
QPSK	2	66/0	MIMO	Mid	26.51	43	-16.49
QPSK	2	66/0	MIMO	High	25.42	43	-17.58
QPSK	3	66/0	MIMO	Low	25.66	43	-17.34
QPSK	3	66/0	MIMO	Mid	23.58	43	-19.42
QPSK	3	66/0	MIMO	High	24.16	43	-18.84
QPSK	4	66/0	MIMO	Low	25.51	43	-17.49
QPSK	4	66/0	MIMO	Mid	23.4	43	-19.6
QPSK	4	66/0	MIMO	High	24.13	43	-18.87
$\pi/2$ BPSK	1	1/33	SISO-D	Mid	31.58	43	-11.42
$\pi/2$ BPSK	1	64/0	SISO-D	Mid	26.42	43	-16.58
$\pi/2$ BPSK	2	64/0	SISO-D	Mid	29.08	43	-13.92
$\pi/2$ BPSK	3	64/0	SISO-D	Mid	20.69	43	-22.31
$\pi/2$ BPSK	4	64/0	SISO-D	Mid	24.55	43	-18.45
16QAM	1	1/33	SISO-D	Mid	31.61	43	-11.39
16QAM	1	64/0	SISO-D	Mid	26.4	43	-16.6
16QAM	2	64/0	SISO-D	Mid	28.55	43	-14.45
16QAM	3	64/0	SISO-D	Mid	20.93	43	-22.07
16QAM	4	64/0	SISO-D	Mid	24.91	43	-18.09
64QAM	1	1/33	SISO-D	Mid	28.46	43	-14.54
64QAM	1	64/0	SISO-D	Mid	25.79	43	-17.21
64QAM	2	64/0	SISO-D	Mid	25.1	43	-17.9
64QAM	3	64/0	SISO-D	Mid	22.19	43	-20.81
64QAM	4	64/0	SISO-D	Mid	21.89	43	-21.11

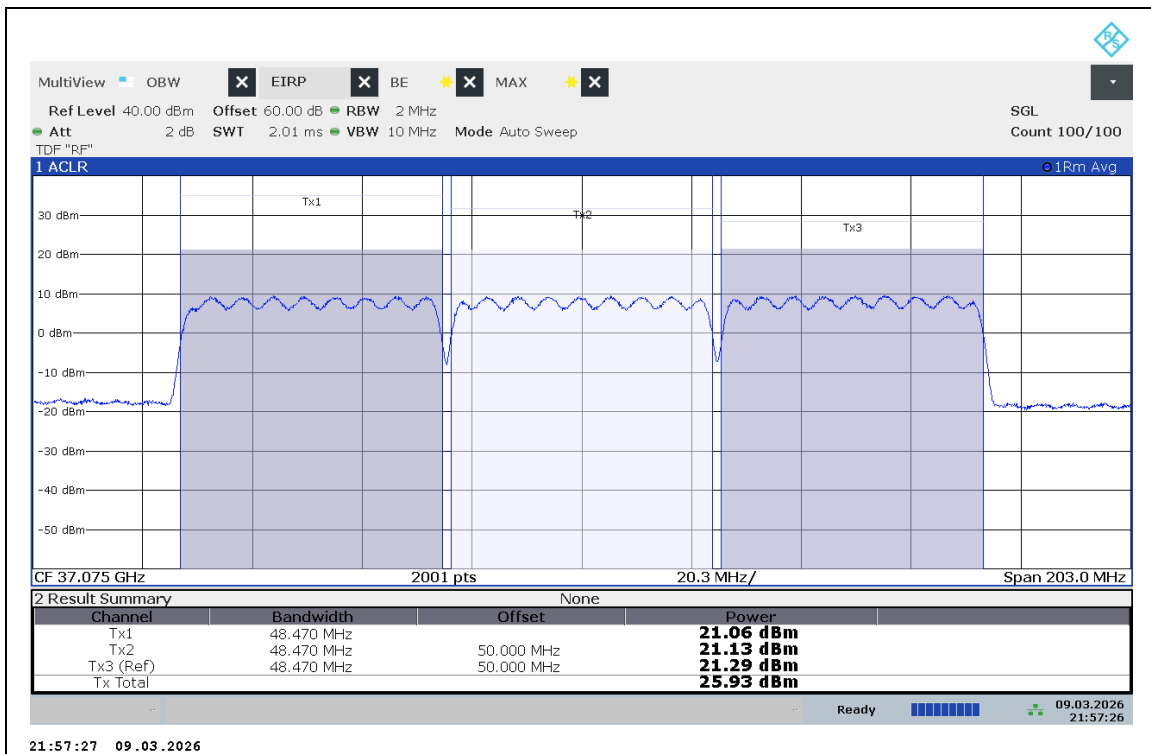
n260, SISO-DUAL, QPSK, Low Ch



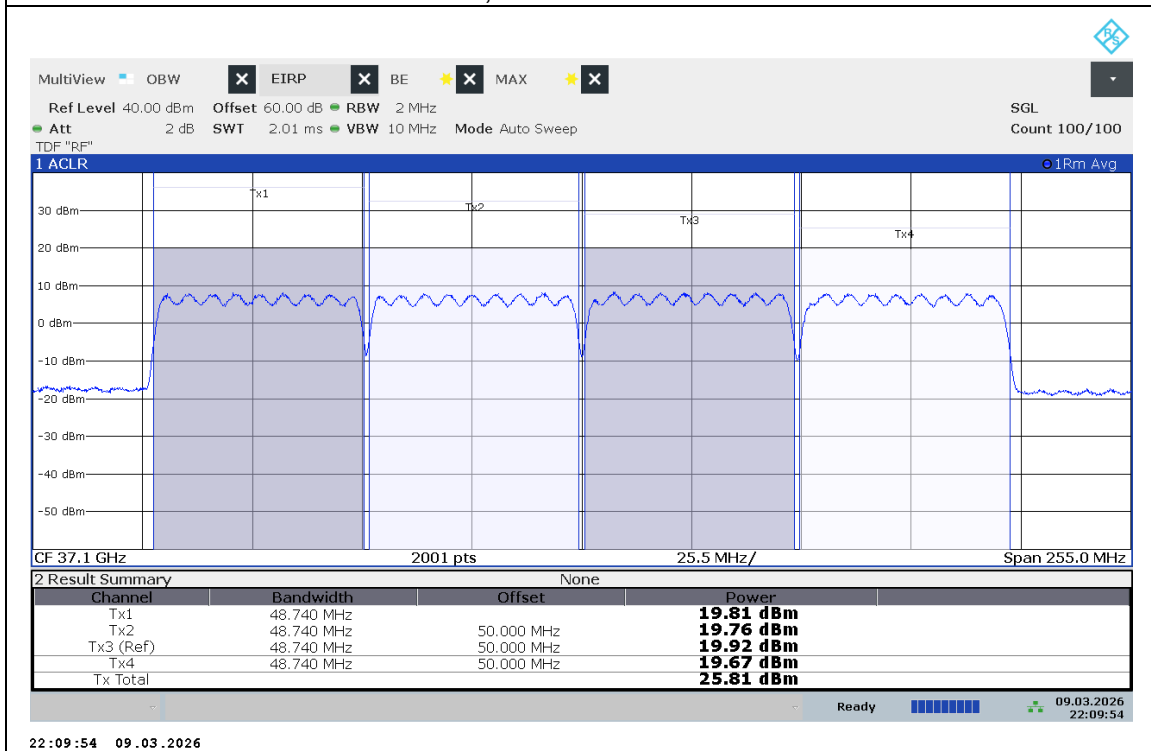
1CC, 50MHz Bandwidth



2CC, 50MHz Bandwidth



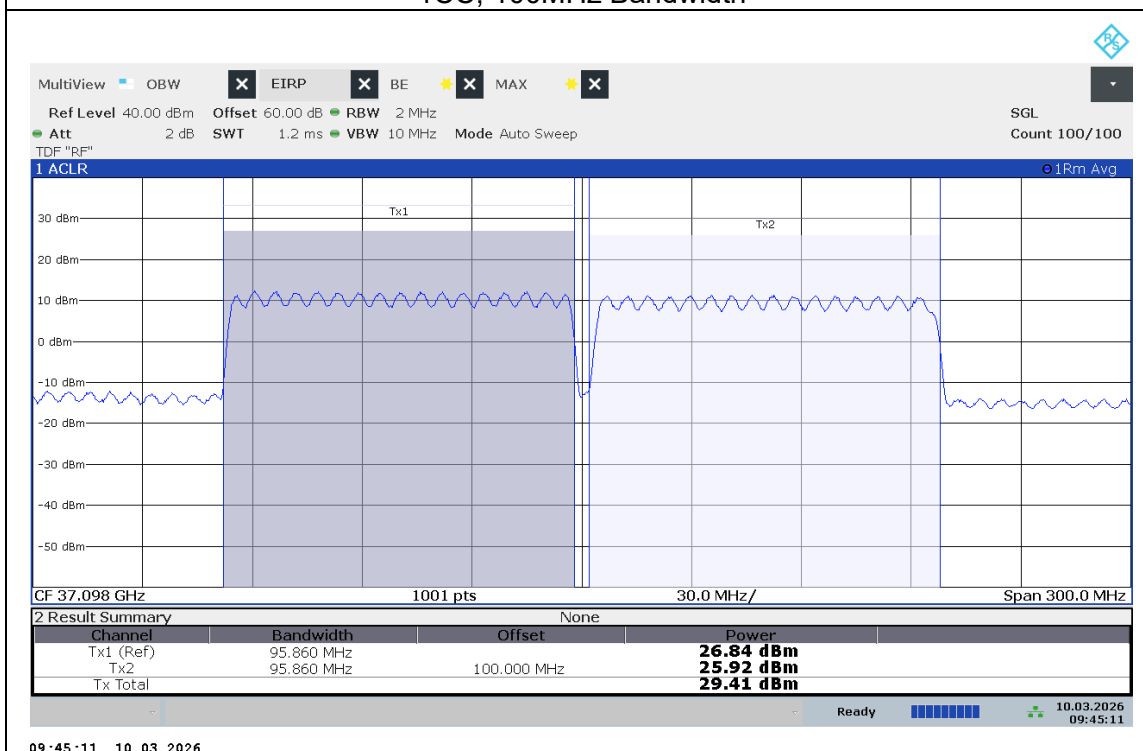
3CC, 50MHz Bandwidth



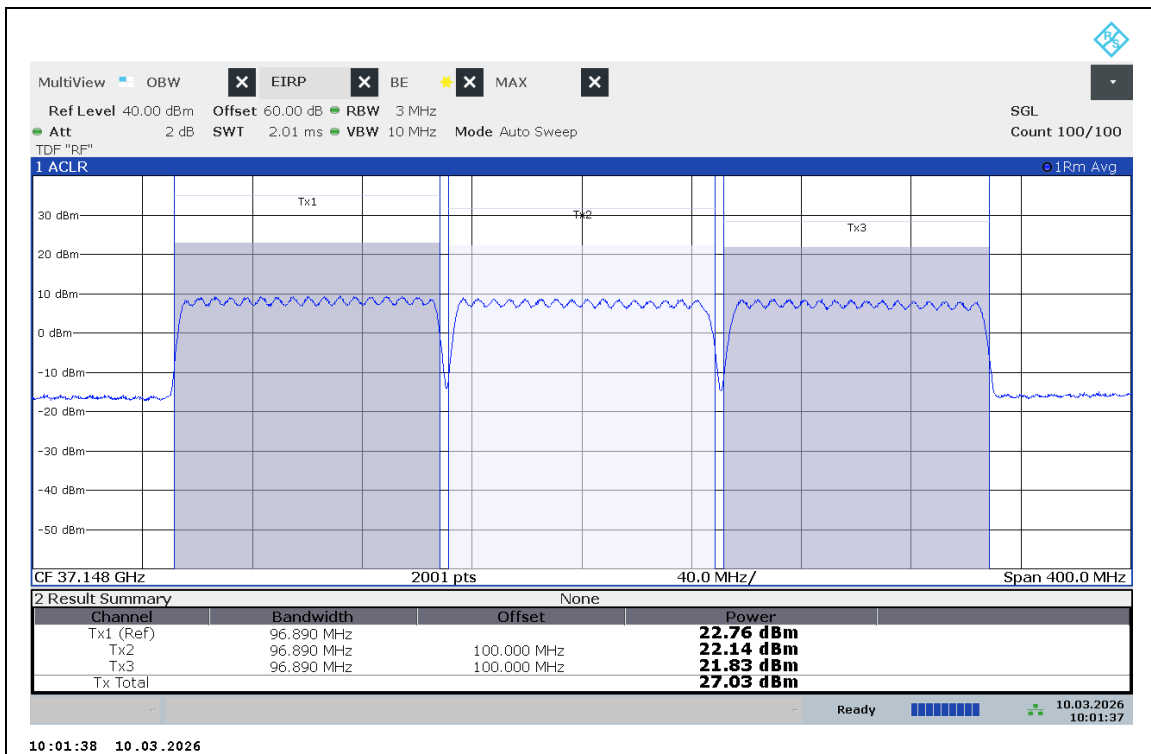
4CC, 50MHz Bandwidth



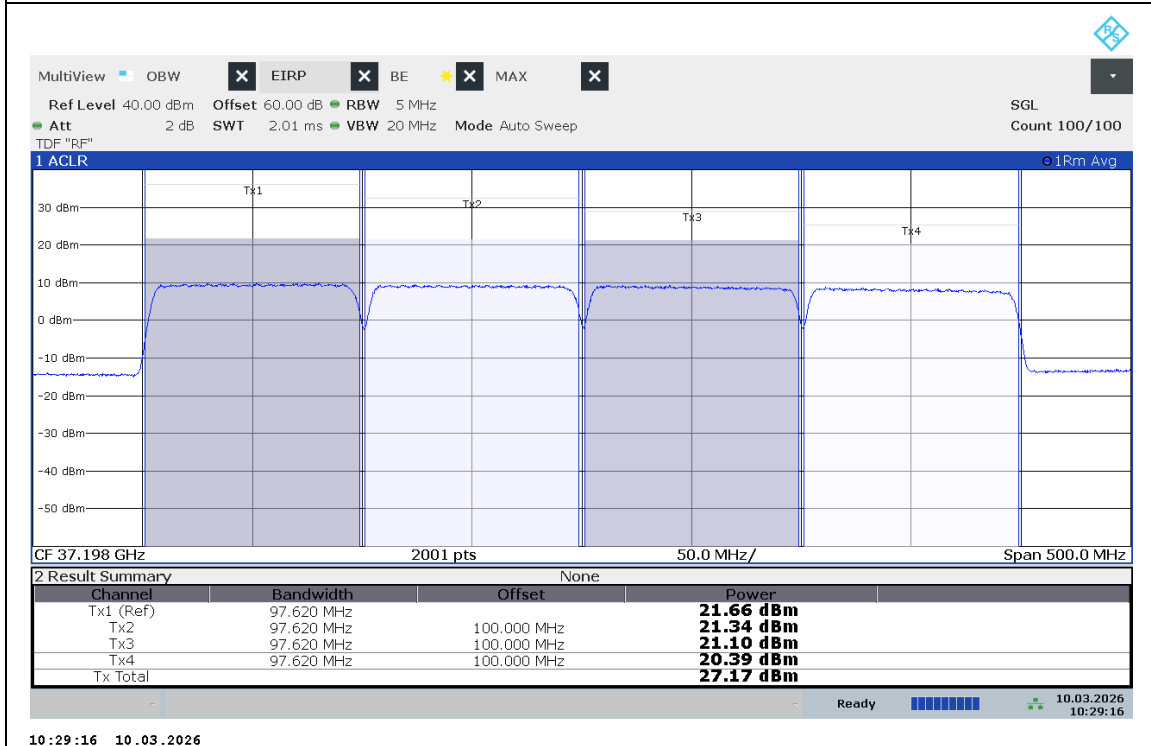
1CC, 100MHz Bandwidth



2CC, 100MHz Bandwidth

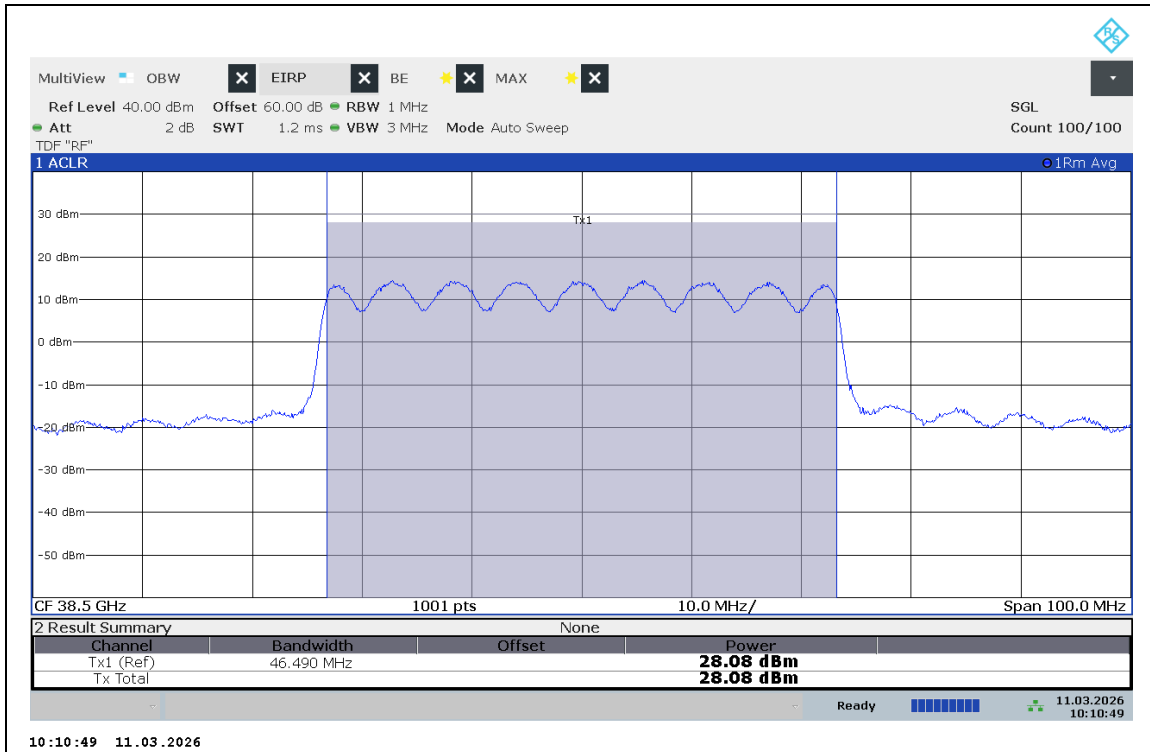


3CC, 100MHz Bandwidth

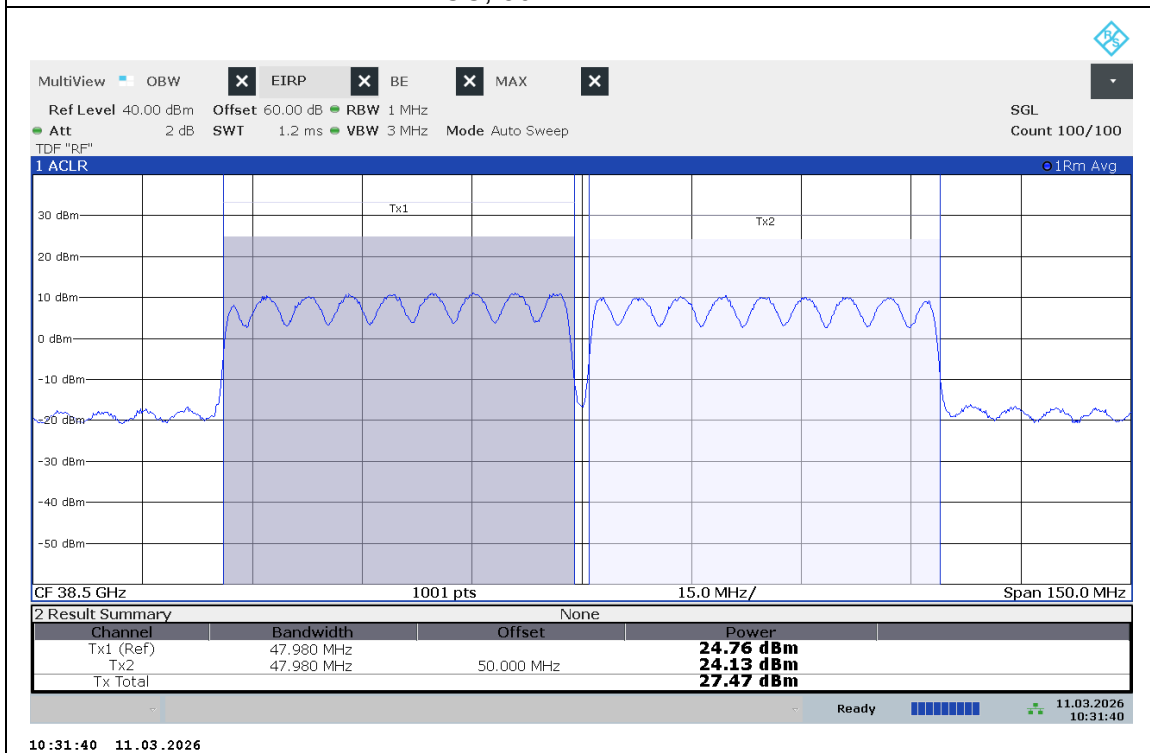


4CC, 100MHz Bandwidth

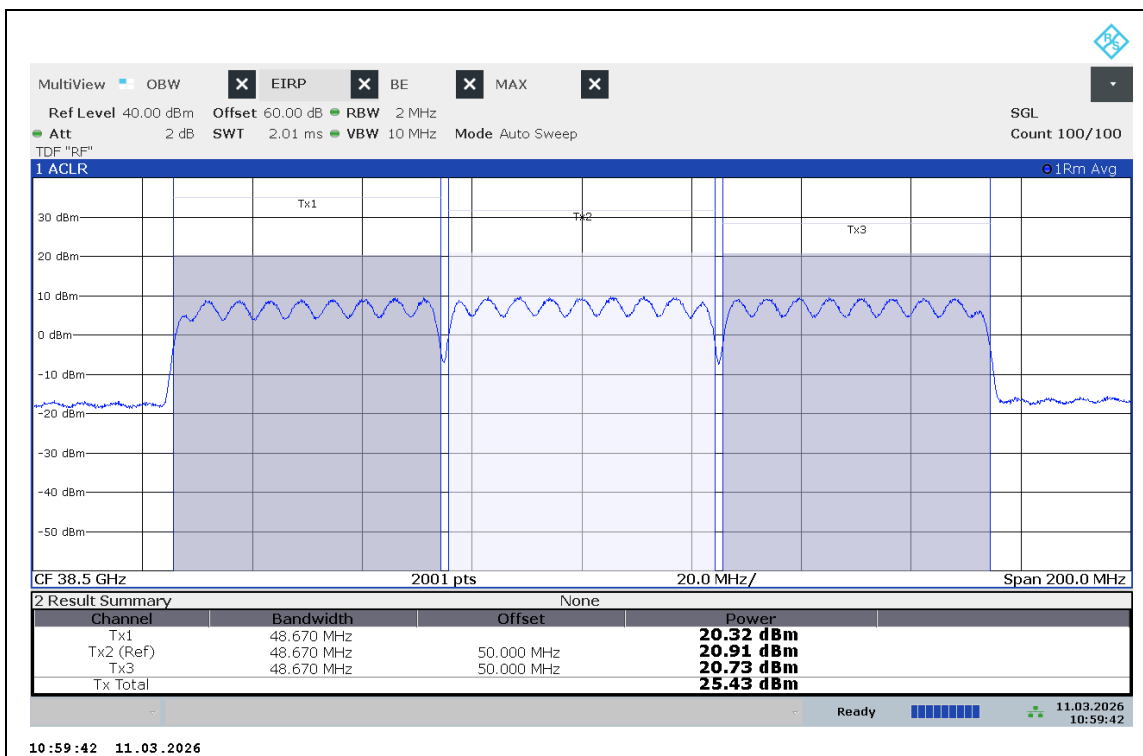
n260, SISO-DUAL, QPSK, Mid Ch



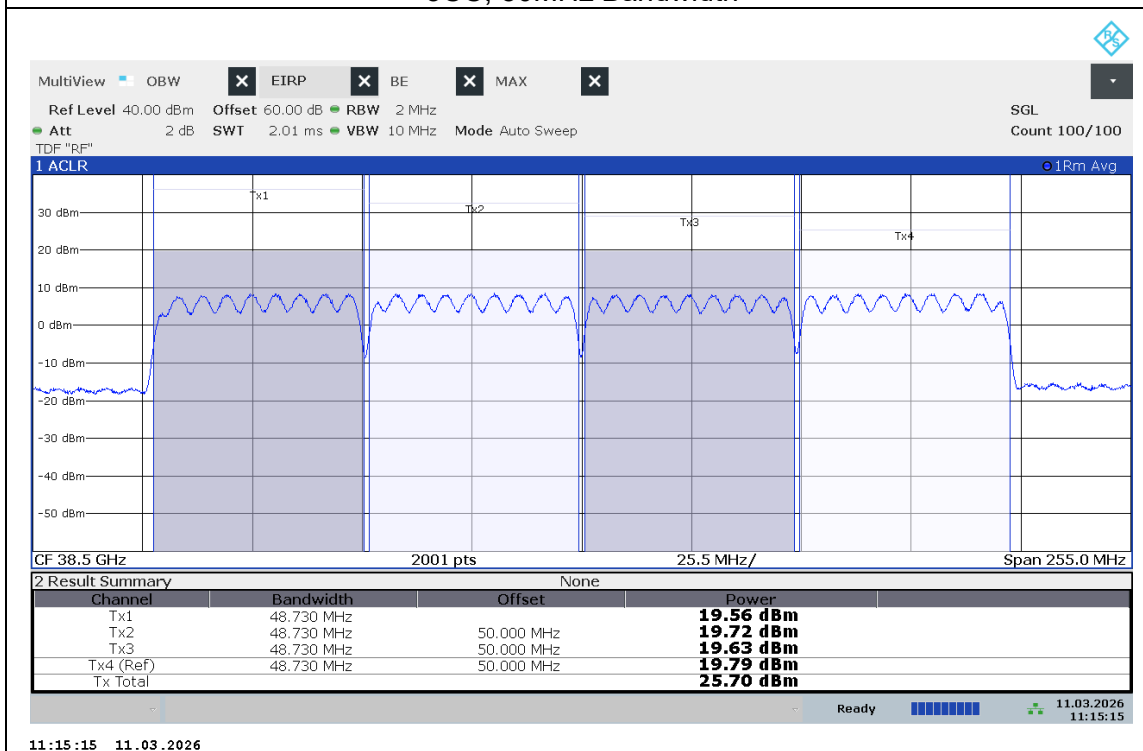
1CC, 50MHz Bandwidth



2CC, 50MHz Bandwidth



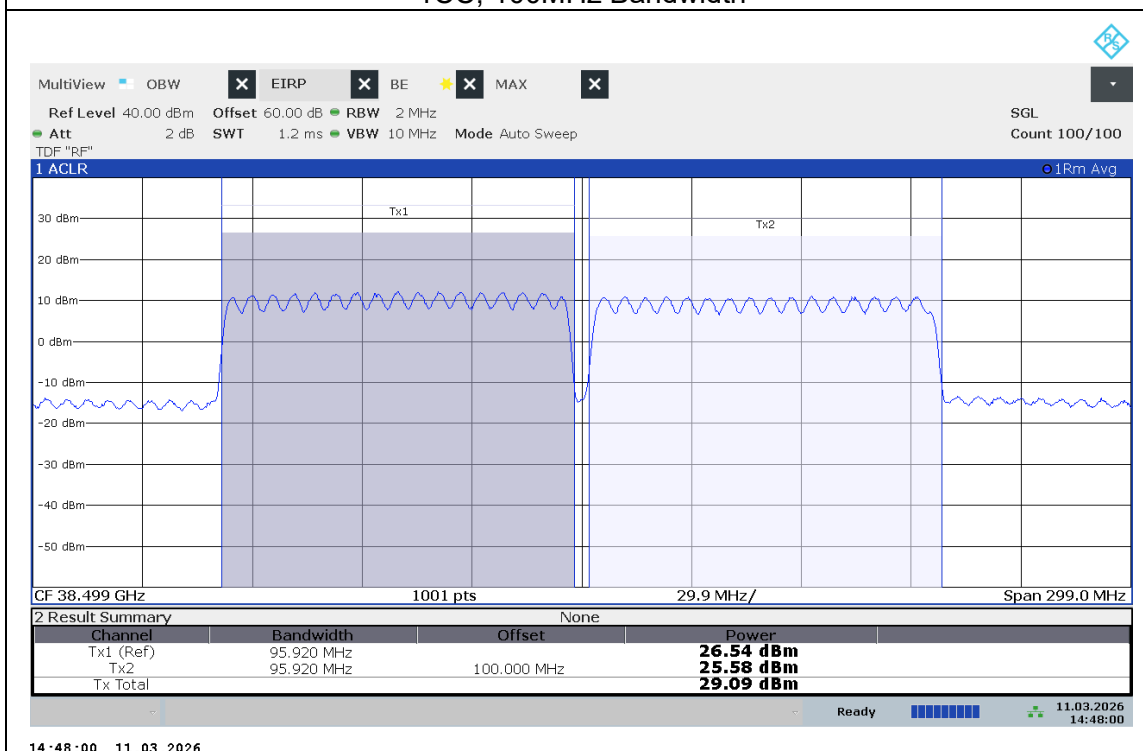
3CC, 50MHz Bandwidth



4CC, 50MHz Bandwidth



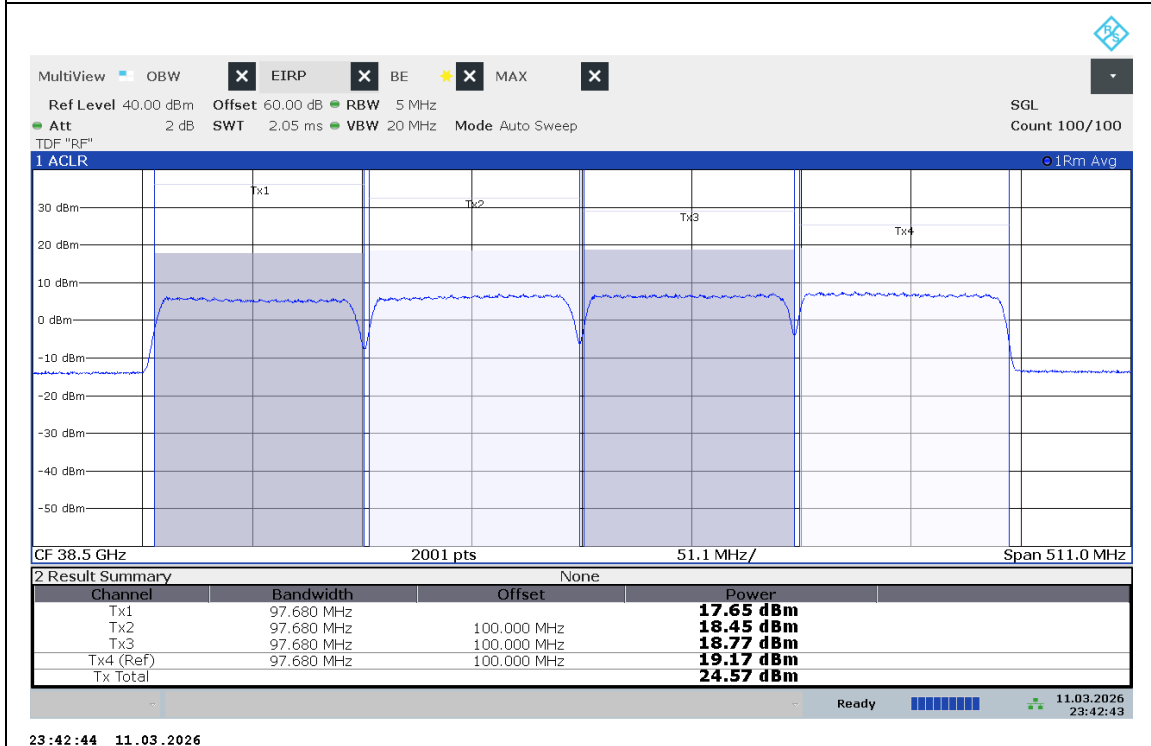
1CC, 100MHz Bandwidth



2CC, 100MHz Bandwidth



3CC, 100MHz Bandwidth

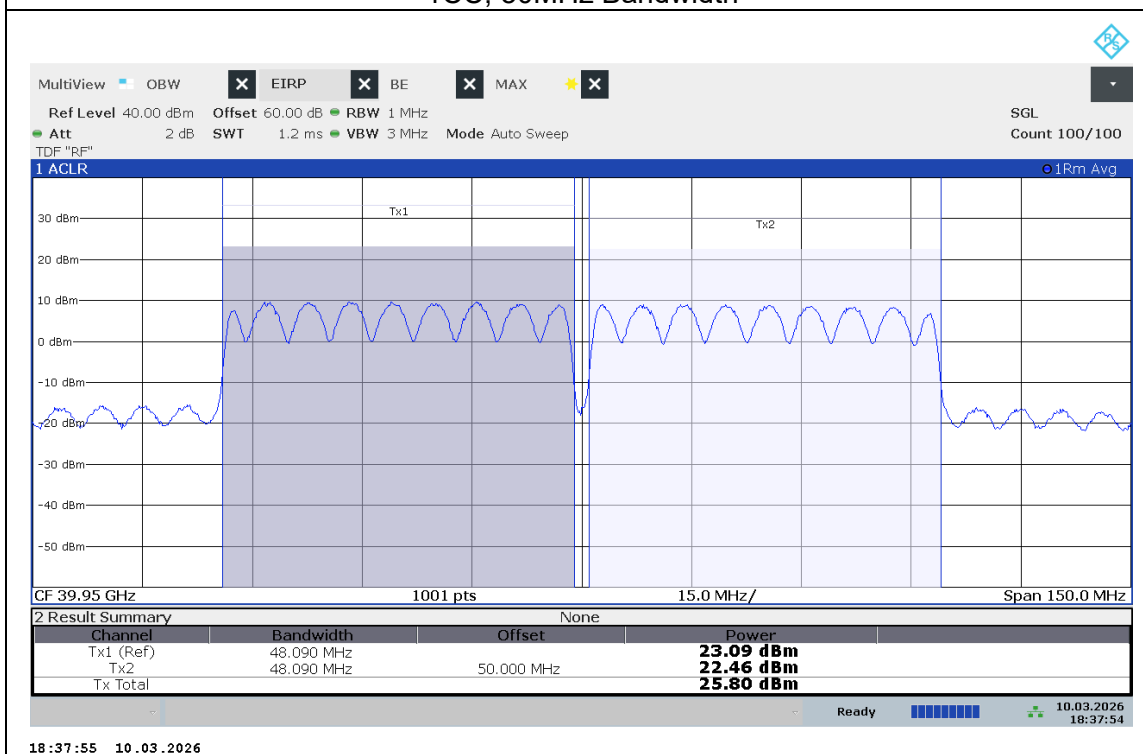


4CC, 100MHz Bandwidth

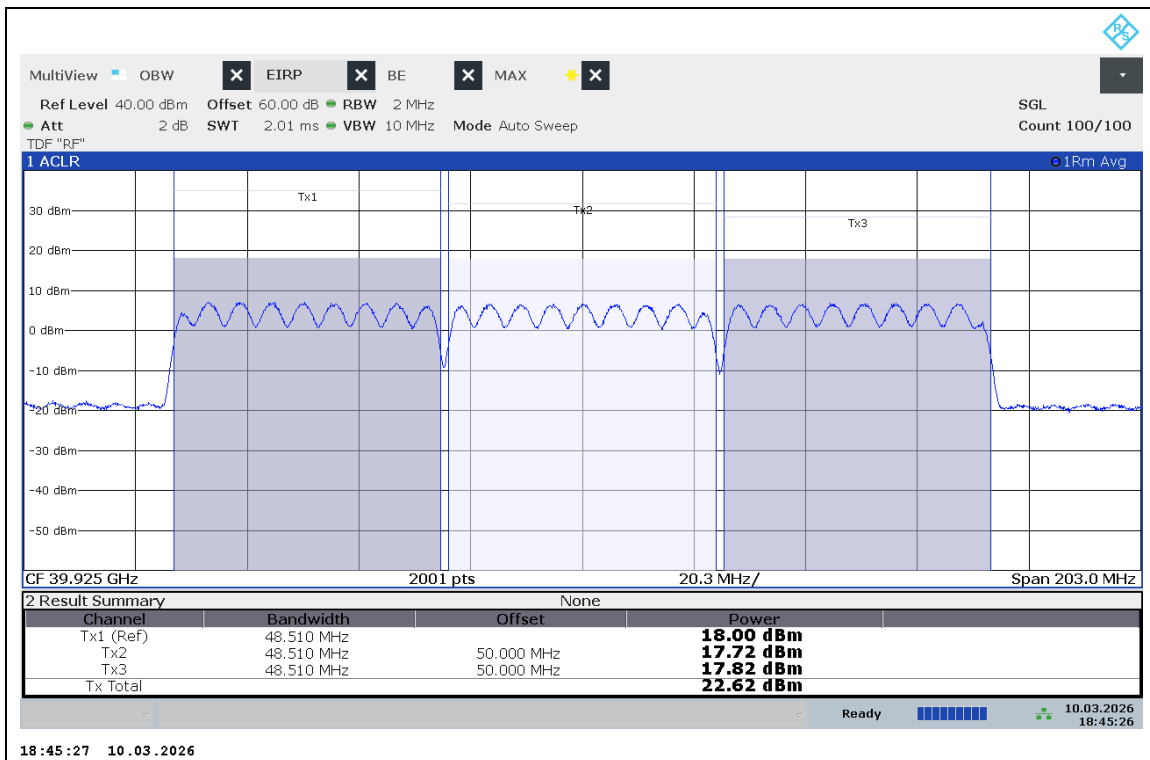
n260, SISO-DUAL, QPSK, High Ch



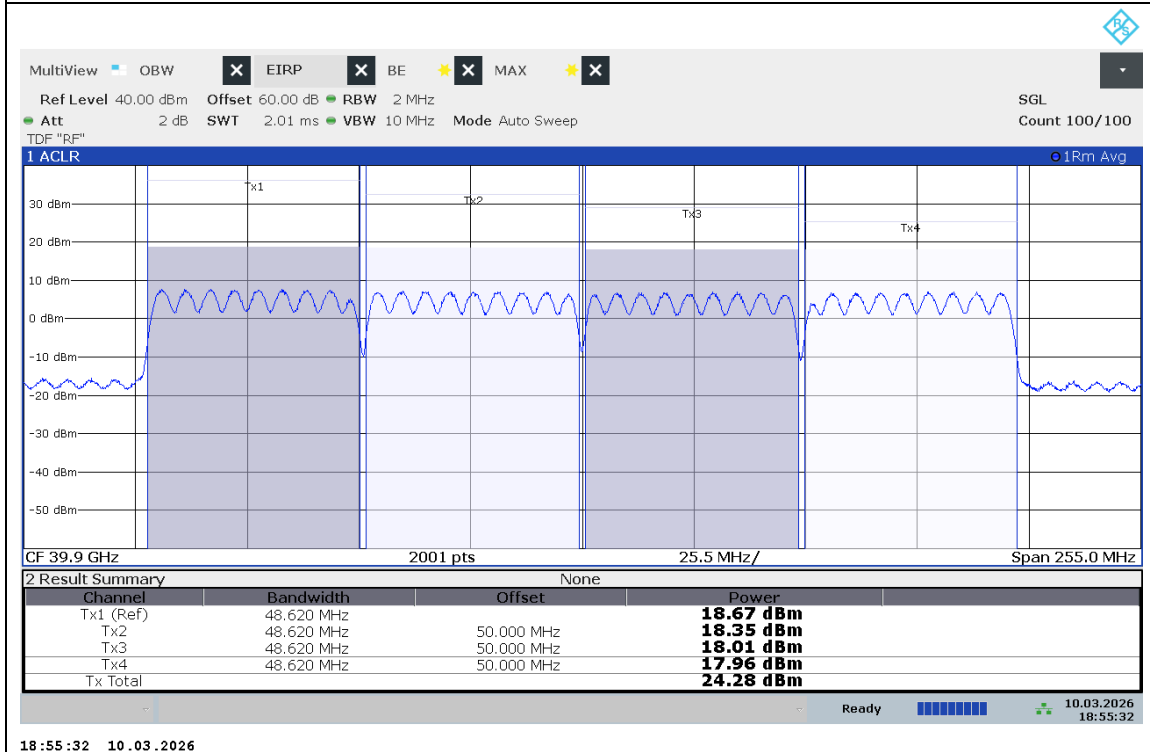
1CC, 50MHz Bandwidth



2CC, 50MHz Bandwidth



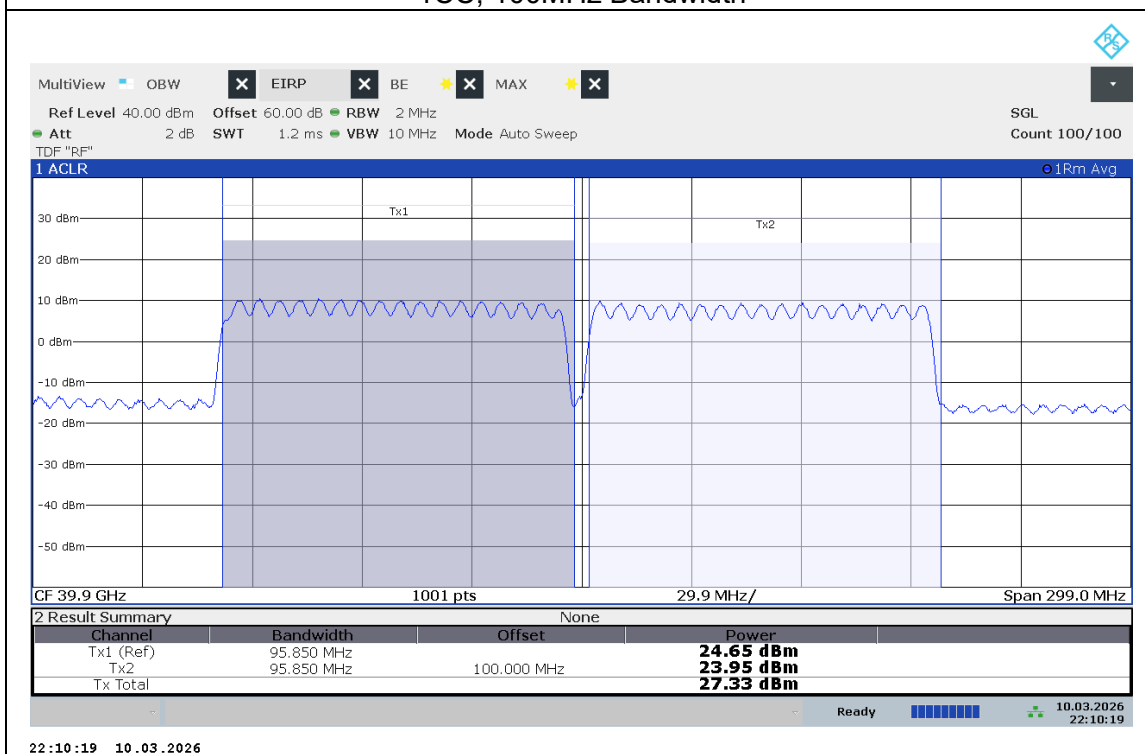
3CC, 50MHz Bandwidth



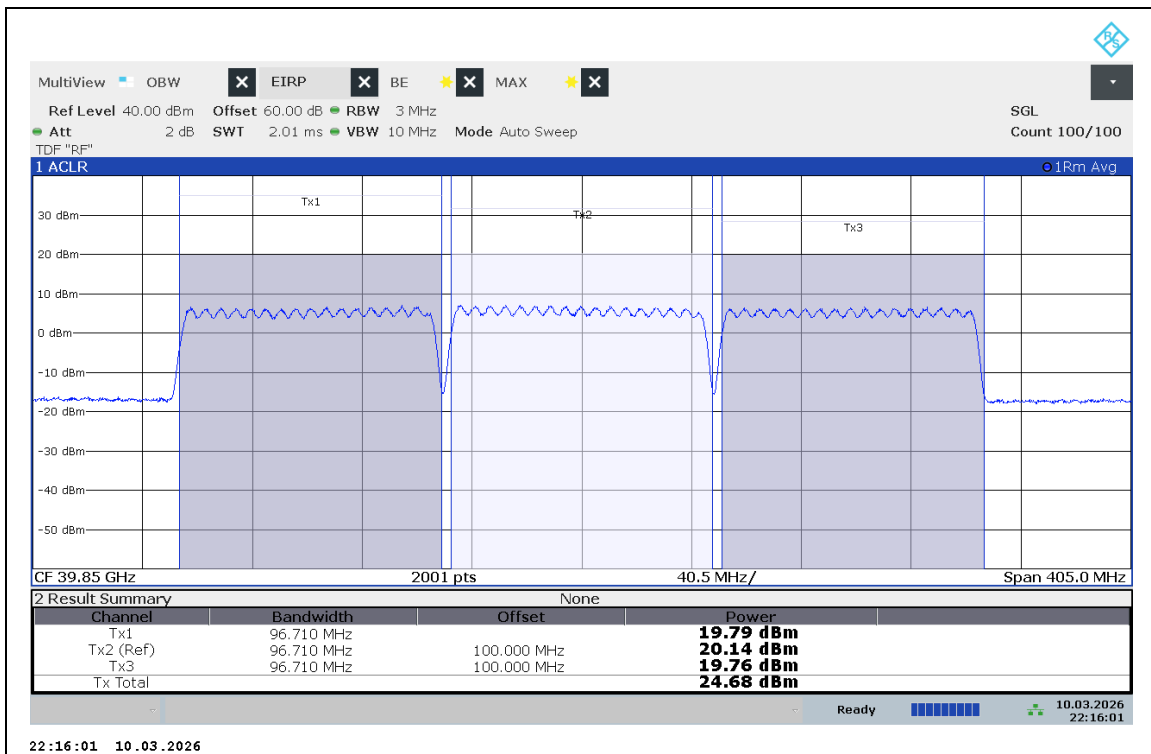
4CC, 50MHz Bandwidth



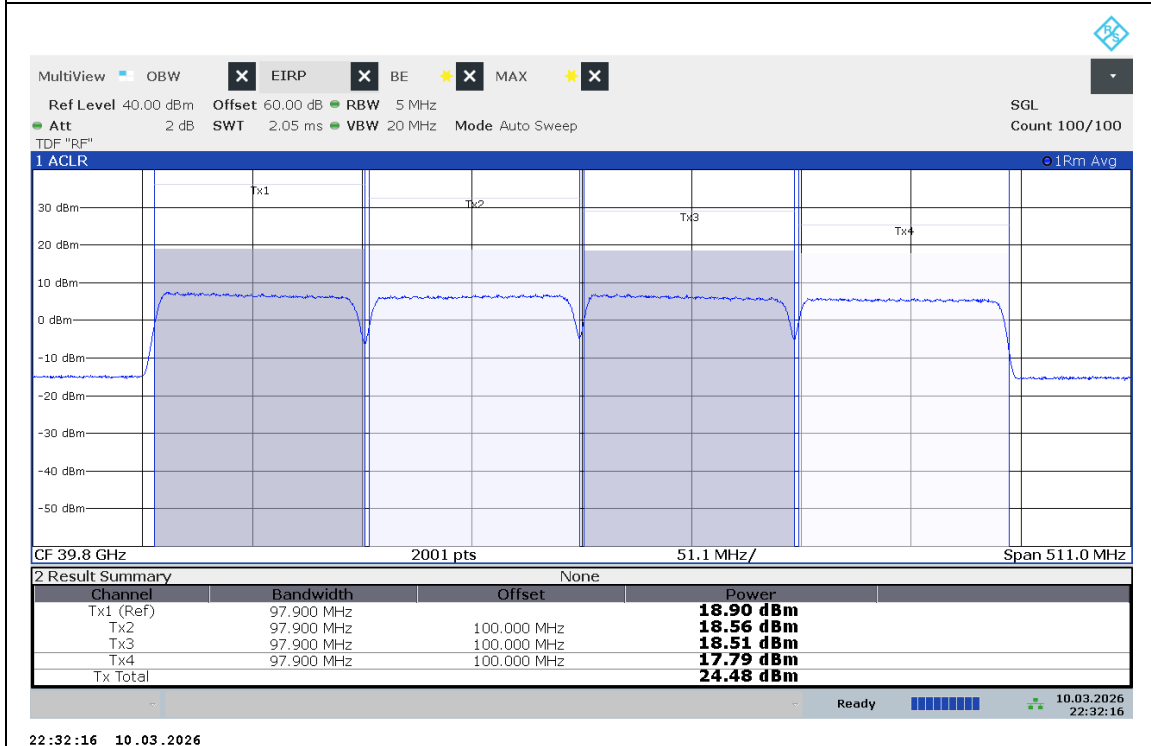
1CC, 100MHz Bandwidth



2CC, 100MHz Bandwidth



3CC, 100MHz Bandwidth



4CC, 100MHz Bandwidth

8.2.7. n261 RESULTS – 50MHz BANDWIDTH

Modulation	CCs Active	RB (Size/Offset)	Control System	Channel	Avg EIRP (dBm)	Limit (dBm)	Margin (dB)
QPSK	1	1/0	SISO-D	Low	28.61	43	-14.39
QPSK	1	1/0	SISO-D	Mid	29.35	43	-13.65
QPSK	2	1/0	SISO-D	Low	24.17	43	-18.83
QPSK	2	1/0	SISO-D	Mid	24.63	43	-18.37
QPSK	3	1/0	SISO-D	Low	23.49	43	-19.51
QPSK	3	1/0	SISO-D	Mid	24.54	43	-18.46
QPSK	4	1/0	SISO-D	Low	22.88	43	-20.12
QPSK	4	1/0	SISO-D	Mid	24.28	43	-18.72
QPSK	1	1/15	SISO-D	Low	29.13	43	-13.87
QPSK	1	1/15	SISO-D	Mid	30.36	43	-12.64
QPSK	1	1/15	SISO-D	High	30.42	43	-12.58
QPSK	2	1/15	SISO-D	Mid	22.43	43	-20.57
QPSK	3	1/15	SISO-D	Mid	22.37	43	-20.63
QPSK	4	1/15	SISO-D	Mid	22.86	43	-20.14
QPSK	1	1/31	SISO-D	Mid	28.61	43	-14.39
QPSK	1	1/31	SISO-D	High	28.42	43	-14.58
QPSK	2	1/31	SISO-D	Mid	23.5	43	-19.5
QPSK	2	1/31	SISO-D	High	24.37	43	-18.63
QPSK	3	1/31	SISO-D	Mid	24.26	43	-18.74
QPSK	3	1/31	SISO-D	High	23.26	43	-19.74
QPSK	4	1/31	SISO-D	Mid	24.89	43	-18.11
QPSK	4	1/31	SISO-D	High	23.25	43	-19.75
QPSK	1	32/0	SISO-D	Low	26.91	43	-16.09
QPSK	1	32/0	SISO-D	Mid	29.9	43	-13.1
QPSK	1	32/0	SISO-D	High	29.24	43	-13.76
QPSK	2	32/0	SISO-D	Low	26.53	43	-16.47
QPSK	2	32/0	SISO-D	Mid	29.4	43	-13.6
QPSK	2	32/0	SISO-D	High	28.95	43	-14.05
QPSK	3	32/0	SISO-D	Low	23.93	43	-19.07
QPSK	3	32/0	SISO-D	Mid	26.53	43	-16.47
QPSK	3	32/0	SISO-D	High	26.32	43	-16.68
QPSK	4	32/0	SISO-D	Low	23.48	43	-19.52
QPSK	4	32/0	SISO-D	Mid	26.47	43	-16.53
QPSK	4	32/0	SISO-D	High	26.18	43	-16.82
QPSK	1	1/15	SISO	Mid	29.12	43	-13.88
QPSK	2	1/15	SISO	Mid	21.81	43	-21.19
QPSK	3	1/15	SISO	Mid	21.53	43	-21.47
QPSK	4	1/15	SISO	Mid	21.24	43	-21.76
QPSK	1	32/0	SISO	Mid	28.77	43	-14.23
QPSK	2	32/0	SISO	Mid	28.12	43	-14.88
QPSK	3	32/0	SISO	Mid	25.51	43	-17.49
QPSK	4	32/0	SISO	Mid	25.35	43	-17.65
QPSK	1	1/15	MIMO	Mid	28.97	43	-14.03
QPSK	2	1/15	MIMO	Mid	22.83	43	-20.17
QPSK	3	1/15	MIMO	Mid	22.88	43	-20.12
QPSK	4	1/15	MIMO	Mid	22.7	43	-20.3
QPSK	1	32/0	MIMO	Low	26.89	43	-16.11
QPSK	1	32/0	MIMO	Mid	27.63	43	-15.37

Modulation	CCs Active	RB (Size/Offset)	Control System	Channel	Avg EIRP (dBm)	Limit (dBm)	Margin (dB)
QPSK	1	32/0	MIMO	High	27.42	43	-15.58
QPSK	2	32/0	MIMO	Low	25.98	43	-17.02
QPSK	2	32/0	MIMO	Mid	27.06	43	-15.94
QPSK	2	32/0	MIMO	High	27.15	43	-15.85
QPSK	3	32/0	MIMO	Low	25.1	43	-17.9
QPSK	3	32/0	MIMO	Mid	25.74	43	-17.26
QPSK	3	32/0	MIMO	High	26.07	43	-16.93
QPSK	4	32/0	MIMO	Low	25.14	43	-17.86
QPSK	4	32/0	MIMO	Mid	25.83	43	-17.17
QPSK	4	32/0	MIMO	High	25.86	43	-17.14
$\pi/2$ BPSK	1	1/15	SISO-D	Mid	30.31	43	-12.69
$\pi/2$ BPSK	1	32/0	SISO-D	Mid	29.83	43	-13.17
$\pi/2$ BPSK	2	32/0	SISO-D	Mid	29.47	43	-13.53
$\pi/2$ BPSK	3	32/0	SISO-D	Mid	26.5	43	-16.5
$\pi/2$ BPSK	4	32/0	SISO-D	Mid	26.47	43	-16.53
16QAM	1	1/15	SISO-D	Mid	29.82	43	-13.18
16QAM	1	32/0	SISO-D	Mid	29.3	43	-13.7
16QAM	2	32/0	SISO-D	Mid	28.83	43	-14.17
16QAM	3	32/0	SISO-D	Mid	25.4	43	-17.6
16QAM	4	32/0	SISO-D	Mid	25.49	43	-17.51
64QAM	1	1/15	SISO-D	Mid	26.97	43	-16.03
64QAM	1	32/0	SISO-D	Mid	26.25	43	-16.75
64QAM	2	32/0	SISO-D	Mid	25.15	43	-17.85
64QAM	3	32/0	SISO-D	Mid	23.81	43	-19.19
64QAM	4	32/0	SISO-D	Mid	23.88	43	-19.12

8.2.8. n261 RESULTS – 100MHz BANDWIDTH

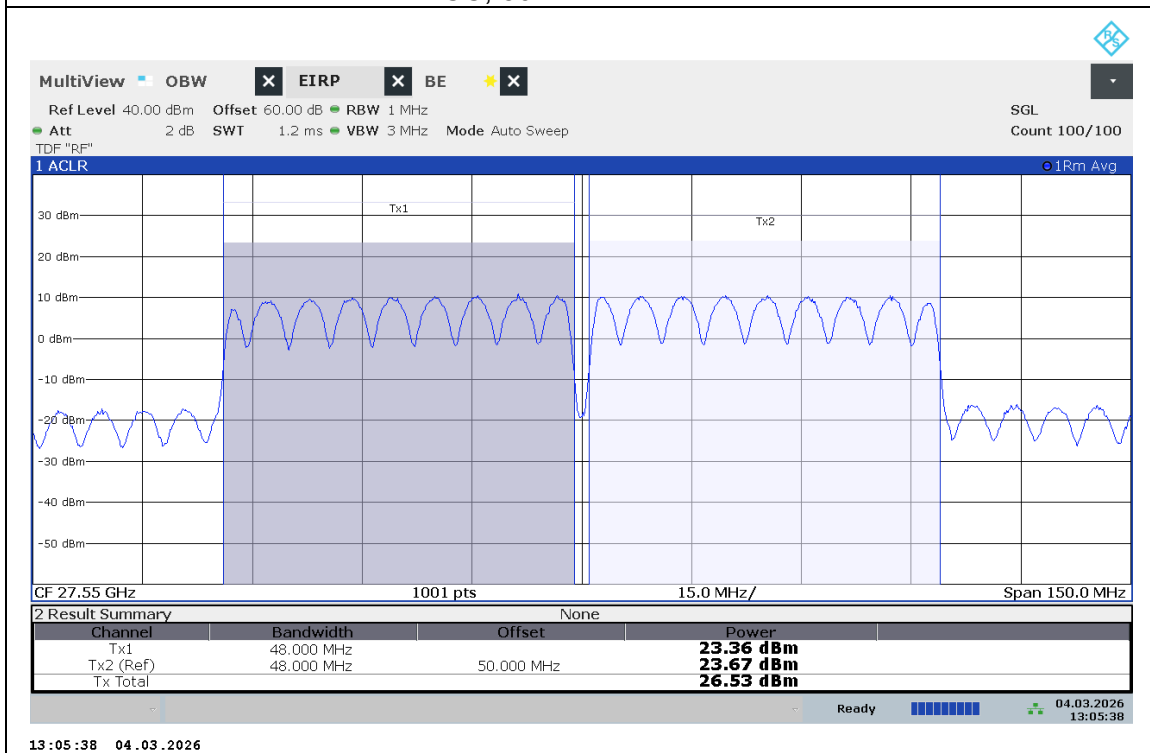
Modulation	CCs Active	RB (Size/Offset)	Control System	Channel	Avg EIRP (dBm)	Limit (dBm)	Margin (dB)
QPSK	1	1/0	SISO-D	Low	25.03	43	-17.97
QPSK	1	1/0	SISO-D	Mid	25.86	43	-17.14
QPSK	2	1/0	SISO-D	Low	20.64	43	-22.36
QPSK	2	1/0	SISO-D	Mid	22.08	43	-20.92
QPSK	3	1/0	SISO-D	Low	20.61	43	-22.39
QPSK	3	1/0	SISO-D	Mid	22.08	43	-31.86
QPSK	4	1/0	SISO-D	Low	20.37	43	-22.63
QPSK	4	1/0	SISO-D	Mid	21.87	43	-21.13
QPSK	1	1/33	SISO-D	Low	31.56	43	-11.44
QPSK	1	1/33	SISO-D	Mid	30.94	43	-12.06
QPSK	1	1/33	SISO-D	High	30.36	43	-12.64
QPSK	2	1/33	SISO-D	Mid	22.68	43	-20.32
QPSK	3	1/33	SISO-D	Mid	22.96	43	-20.04
QPSK	4	1/33	SISO-D	Mid	22.91	43	-20.09
QPSK	1	1/65	SISO-D	Mid	30.25	43	-12.75
QPSK	1	1/65	SISO-D	High	27.47	43	-15.53
QPSK	2	1/65	SISO-D	Mid	23.87	43	-19.13
QPSK	2	1/65	SISO-D	High	23.64	43	-19.36
QPSK	3	1/65	SISO-D	Mid	24.22	43	-18.78
QPSK	3	1/65	SISO-D	High	23.18	43	-19.82
QPSK	4	1/65	SISO-D	Mid	23.43	43	-19.57
QPSK	4	1/65	SISO-D	High	23.46	43	-19.54
QPSK	1	64/0	SISO-D	Low	28.67	43	-14.33
QPSK	1	64/0	SISO-D	Mid	30.16	43	-12.84
QPSK	1	64/0	SISO-D	High	30.21	43	-12.79
QPSK	2	64/0	SISO-D	Low	28.17	43	-14.83
QPSK	2	64/0	SISO-D	Mid	29.67	43	-13.33
QPSK	2	64/0	SISO-D	High	29.64	43	-13.36
QPSK	3	64/0	SISO-D	Low	25.61	43	-17.39
QPSK	3	64/0	SISO-D	Mid	27.1	43	-15.9
QPSK	3	64/0	SISO-D	High	27.37	43	-15.75
QPSK	4	64/0	SISO-D	Low	25.6	43	-17.4
QPSK	4	64/0	SISO-D	Mid	26.98	43	-16.02
QPSK	4	64/0	SISO-D	High	27.04	43	-15.96
QPSK	1	1/33	SISO	Mid	29.14	43	-13.86
QPSK	2	1/33	SISO	Mid	20.95	43	-22.05
QPSK	3	1/33	SISO	Mid	21.36	43	-21.64
QPSK	4	1/33	SISO	Mid	21.34	43	-21.66
QPSK	1	64/0	SISO	Mid	28.52	43	-14.48
QPSK	2	64/0	SISO	Mid	28.06	43	-14.94
QPSK	3	64/0	SISO	Mid	25.61	43	-17.39
QPSK	4	64/0	SISO	Mid	25.4	43	-17.6
QPSK	1	1/33	MIMO	Mid	27.9	43	-15.1
QPSK	2	1/33	MIMO	Mid	21.5	43	-21.5
QPSK	3	1/33	MIMO	Mid	21.78	43	-21.22
QPSK	4	1/33	MIMO	Mid	21.8	43	-21.2
QPSK	1	66/0	MIMO	Low	26.4	43	-16.6
QPSK	1	66/0	MIMO	Mid	26.08	43	-16.92

Modulation	CCs Active	RB (Size/Offset)	Control System	Channel	Avg EIRP (dBm)	Limit (dBm)	Margin (dB)
QPSK	1	66/0	MIMO	High	28.5	43	-14.5
QPSK	2	66/0	MIMO	Low	25.82	43	-17.18
QPSK	2	66/0	MIMO	Mid	25.87	43	-17.13
QPSK	2	66/0	MIMO	High	27.8	43	-15.2
QPSK	3	66/0	MIMO	Low	24.82	43	-18.18
QPSK	3	66/0	MIMO	Mid	25	43	-18
QPSK	3	66/0	MIMO	High	26.88	43	-16.12
QPSK	4	66/0	MIMO	Low	24.9	43	-18.1
QPSK	4	66/0	MIMO	Mid	24.96	43	-18.04
QPSK	4	66/0	MIMO	High	26.76	43	-16.24
$\pi/2$ BPSK	1	1/33	SISO-D	Mid	30.92	43	-12.08
$\pi/2$ BPSK	1	64/0	SISO-D	Mid	30.27	43	-12.73
$\pi/2$ BPSK	2	64/0	SISO-D	Mid	29.67	43	-13.33
$\pi/2$ BPSK	3	64/0	SISO-D	Mid	27.16	43	-15.84
$\pi/2$ BPSK	4	64/0	SISO-D	Mid	27.01	43	-15.99
16QAM	1	1/33	SISO-D	Mid	31.02	43	-11.98
16QAM	1	64/0	SISO-D	Mid	29.66	43	-13.34
16QAM	2	64/0	SISO-D	Mid	29.14	43	-13.86
16QAM	3	64/0	SISO-D	Mid	26.14	43	-16.86
16QAM	4	64/0	SISO-D	Mid	26.05	43	-16.95
64QAM	1	1/33	SISO-D	Mid	27.62	43	-15.38
64QAM	1	64/0	SISO-D	Mid	26.56	43	-16.44
64QAM	2	64/0	SISO-D	Mid	25.51	43	-17.49
64QAM	3	64/0	SISO-D	Mid	24.61	43	-18.39
64QAM	4	64/0	SISO-D	Mid	24.5	43	-18.5

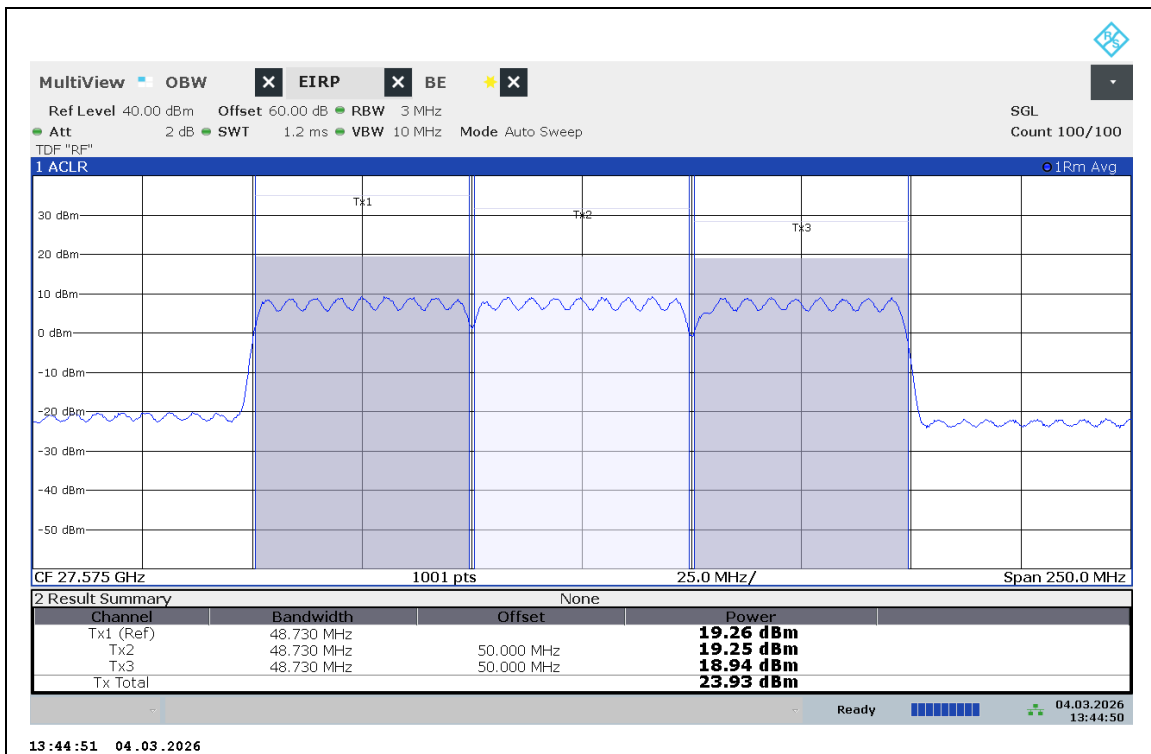
n261, SISO-DUAL, QPSK, Low Ch



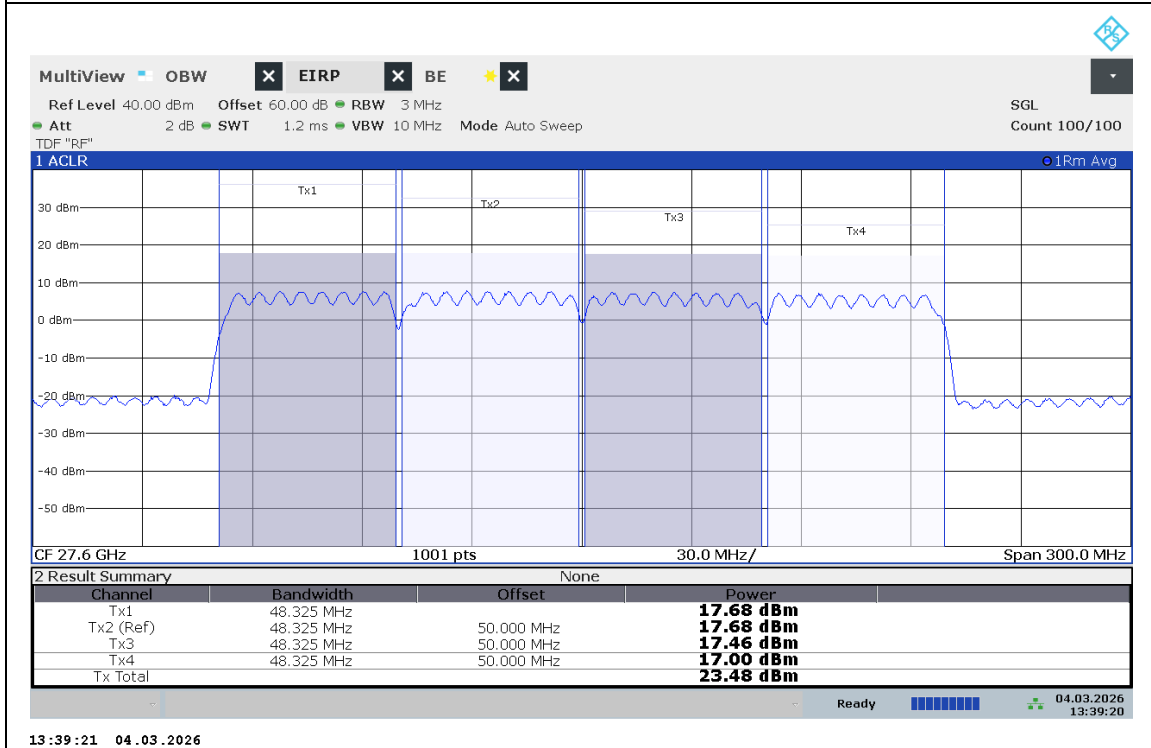
1CC, 50MHz Bandwidth



2CC, 50MHz Bandwidth



3CC, 50MHz Bandwidth



4CC, 50MHz Bandwidth