TEST REPORT

Report Number	:	13571607-E20V2
Applicant	:	APPLE, INC. 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.
Model	:	A2482
FCC ID	:	BCG-E3997A
EUT Description	:	SMARTPHONE
Test Standard	:	FCC CFR 47 PART 30 MOBILE TRANSMITTER (5GM)

Date Of Issue:
July 22, 2021

Prepared by:
UL Verification Services Inc.
47173 Benicia Street
Fremont, CA 94538 U.S.A.
TEL: (510) 319-4000
FAX: (510) 661-0888

ACCREDITED
CERT #0751.05

Revision History

Rev.	Issue Date	Revisions	Revised By
V1	06/30/2021	Initial Issue	GP Chin
V2	07/22/2021	Updated EIRP Tables in Sections 8.2.11 and 8.2.12	GP Chin

UL VERIFICATION SERVICES INC
47173 BENICIA STREET, FREMONT, CA 94538, USA TEL: (510) 319-4000 FAX: (510) 661-0888

TABLE OF CONTENTS

UL VERIFICATION SERVICES INC
47173 BENICIA STREET, FREMONT, CA 94538, USA TEL: (510) 319-4000 FAX: (510) 661-0888

1. ATTESTATION OF TEST RESULTS

COMPANY NAME:	APPLE, INC. 1 APPLE PARK WAY CUPERTINO, CA 95014,U.S.A
EUT DESCRIPTION:	SMARTPHONE
MODEL:	A2482
BRAND:	APPLE
SERIAL NUMBERS:	RRXLP7RQWF, D9PQJ699W3, H37JTW2P66
SAMPLE RECEIPT DATES:	4/16/2021, 6/21/2021, 4/16/2021
DATE TESTED:	April 19 – June 22, 2021

APPLICABLE STANDARDS	
STANDARD	**TEST RESULTS**
FCC PART 30 Mobile Transmitter (5GM)	Complies

UL Verification Services Inc. 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 Verification Services Inc. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by A2LA, NIST, or any agency of the Federal Government.

Approved & Released For
UL Verification Services Inc. By:

Gia-Piao Chin
Operations Leader
UL Verification Services Inc.

Tested By:

Eljay Velasco
Laboratory Engineer
UL Verification Services Inc.

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 v01r02
5. KDB 971168 D01 Power Meas. License Digital Systems v03r01

3. FACILITIES AND ACCREDITATION

UL Verification Services Inc. is accredited by A2LA, certification #0751.05, for all testing performed within the scope of this report. Testing was performed at the locations noted below.

	Address	ISED CABID	ISED Company No.	FCC Registration
☒	Building 1: 47173 Benicia Street, Fremont, California, USA	US0104	2324A	208313
☐	Building 2: 47266 Benicia Street, Fremont, California, USA	US0104	22541	208313
☐	Building 4: 47658 Kato Rd, Fremont, California, USA	US0104	2324B	208313

Chambers 1, 2 and 3 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 C63.10-2013, 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 9 m L by 6 m W by 5.2 m H for chamber 1 and 6.8 m L by 3.7 m W by 3.1 m H for chambers 2 and 3.

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47173 BENICIA STREET, FREMONT, CA 94538, USA TEL: (510) 319-4000 FAX: (510) 661-0888

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, 30 to 1000 MHz	6.01 dB
Worst Case Radiated Disturbance, 1000 to 18000 MHz	4.73 dB
Worst Case Radiated Disturbance, 18000 to 26000 MHz	4.51 dB
Worst Case TRP, 18000 to 26000 MHz	4.10 dB
Worst Case Radiated Disturbance, 26000 to 40000 MHz	5.29 dB
Worst Case TRP, 26000 to 40000 MHz	4.95 dB
Worst Case Radiated Disturbance, >40000 MHz	2.89 dB
Worst Case TRP, >40000 MHz	2.94 dB
Temperature	±0.9 °C
Voltages	±0.45 %
Time	±0.02 %

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

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5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

The EUT is a smartphone with multimedia functions (music, application support, and video), cellular GSM, GPRS, EGPRS, UMTS, LTE, 5G, CDMA, IEEE 802.11a/b/g/n/ac/ax, Bluetooth, Ultra-Wideband, GPS and NFC. All models support at least one UICC based SIM. The second SIM is either an UICC based p-SIM (physical SIM) or e-SIM (electronic SIM). The device supports a built-in inductive charging transmitter and receiver. The rechargeable battery is not user accessible.

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

n258 (denoted as n258 SB1 in this report): 24.25 – 24.45 GHz
n258 (denoted as n258 SB2 in this report): 24.75 – 25.25 GHz
n261: 27.5 – 28.35 GHz
n260: 37 – 40 GHz

Two FR2 RFIC Chipset + Antennas sets are used. Both Chipsets are identical.
Chipset 1 can transmit on antenna M0 (Ant M0) or antenna M1 (Ant M1). Chipset 2 transmits on antenna M2 (Ant M2) only.

Ant M1 and Ant M2 employ 4-element antenna array and Ant M0 employs 2-element antenna array, therefore Ant M0 transmits lower power than Ant M1. Full measurements on Chipset 1 were performed with Ant M1 and spot-checks on transmit power of Ant M0 were performed with selected modes. Measurements on Chipset 2 were performed with Ant M2.

The EUT supports SISO, SISO-Dual and MIMO modes. 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. Similarly, the MIMO mode operates with both horizontal and vertical elements active. MIMO mode only supports CP-OFDM access scheme, but SISO and SISO-Dual support both CP-OFDM and DFT-s-OFDM access schemes. DFT-s-OFDM operates at higher power than CP-OFDM.

QPSK, 16QAM and 64QAM modulations are used in all three SISO, SISO-Dual and MIMO modes. BPSK modulation is only used in SISO and SISO-Dual modes.

Manufacturer provided the Beam ID settings that yield the highest EIRP for each antenna in each operating frequency band by the EIRP Simulation tool. These Beam ID settings were used for all tests. All tests were performed in a non-signaling, stand-alone mode of operation.

5.2. MAXIMUM OUTPUT POWER

Highest Average EIRP based on frequency bands and antennas.

Frequency Band	Antenna	Avg EIRP (dBm)
n258 SB1	M0	23.02
	M1	28.85
	M2	26.91
n258 SB2	M0	23.21
	M1	28.77
	M2	28.08
n261	M0	20.63
	M1	28.41
	M2	29.04
n260	M0	18.09
	M1	26.63
	M2	26.57

5.3. SOFTWARE AND FIRMWARE

Cellular Firmware version: 0.21.02-1

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 BPSK, QPSK, 16QAM and 64QAM modulations. It was found that QPSK results in SISO-Dual supporting DFT-s-OFDM were worst case.

The EIRPs of band edge and radiated spurious emission is compared to TRP limit to demonstrate compliance.

The fundamental and radiated spurious emission were investigated in three orthogonal orientations X (landscape) , Y (portrait), Z (flatbed) and Roll, where is applicable. The final optimum position resulting in the highest EIRP for the frequency or band under investigation is placed on an open air fixture, allowing no blockage of the signal as measured by the receiving antenna.

5.5. BEAM ID

In all tests, the following Beam ID settings of each antenna were applied for final measurements.

n258 SB1 - Peak BID		
Antenna	**BID**	**Paired with**
M0	150	22
M1	158	30
M2	171	43

n258 SB2 - Peak BID		
Antenna	**BID**	**Paired with**
M0	150	22
M1	158	30
M2	171	43

n261 - Peak BID		
Antenna	**BID**	**Paired with**
M0	150	22
M1	157	29
M2	170	42

n260 - Peak BID		
Antenna	**BID**	**Paired with**
M0	151	23
M1	157	29
M2	162	34

5.6. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

PERIPHERAL SUPPORT EQUIPMENT LIST			
Description	**Manufacturer**	**Model**	**Serial Number**
LAPTOP + Adapter	Apple	MacBook Pro	HRP046790
Kanzi-USB Adapter	Apple	---	325191
LAPTOP + Adapter	Apple	MacBook Pro	C02VJ0ZZHV2P
Kanzi-USB Adapter	Apple	---	325B8C
LAPTOP + Adapter	Apple	MacBook Pro	C2QP600QG974
Kanzi-USB Adapter	Apple	---	32535E
USB Power Adapter	Apple	A1357	--
LAPTOP + Adapter	Apple	MacBook Pro	HRP046790

I/O CABLES

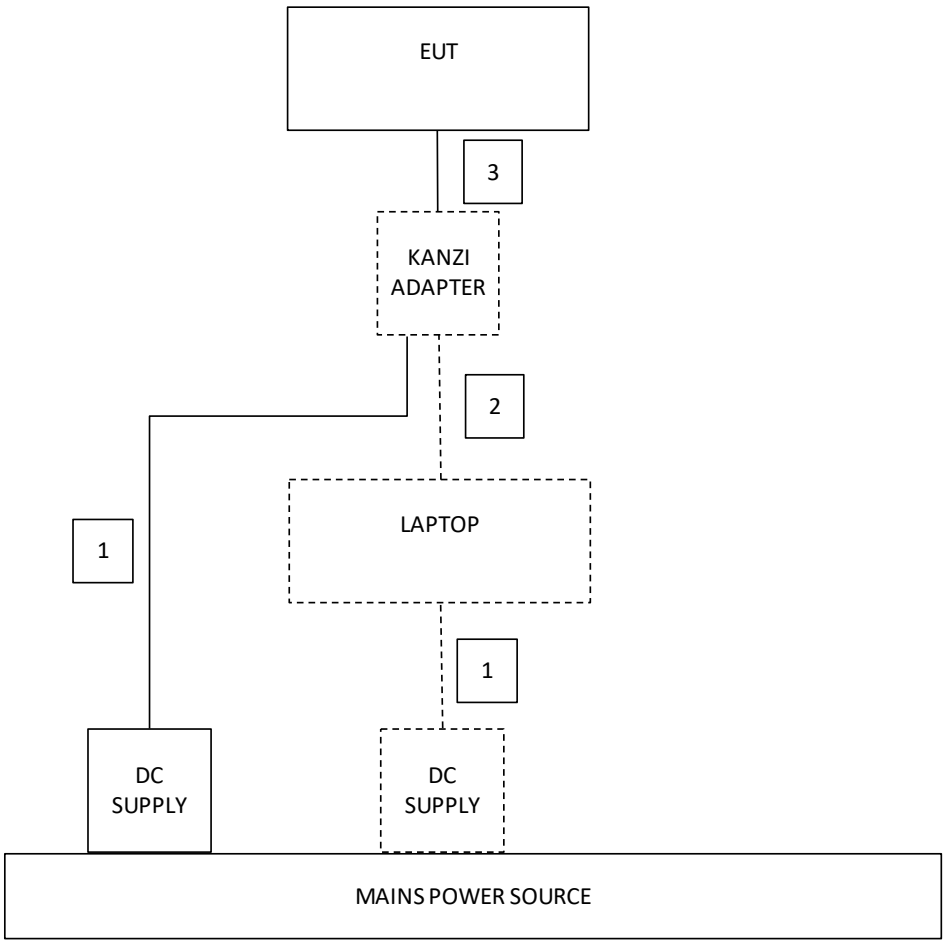
I/O Cable List						
Cable No.	**Port**	**# of identical ports**	**Connector Type**	**Cable Type**	**Cable Length (m)**	**Remarks**
1	DC Power	2	USB Micro	Shielded	0.9 – 2.0	--
2	Data	1	--	Shielded	0.8	--
3	Data	1	--	Shielded	0.06	--
4	DC Power	1	Clip leads	Un-shielded	1.0	--
5	AC Line	1	3-prong	Un-shielded	1.0	--

TEST SETUP

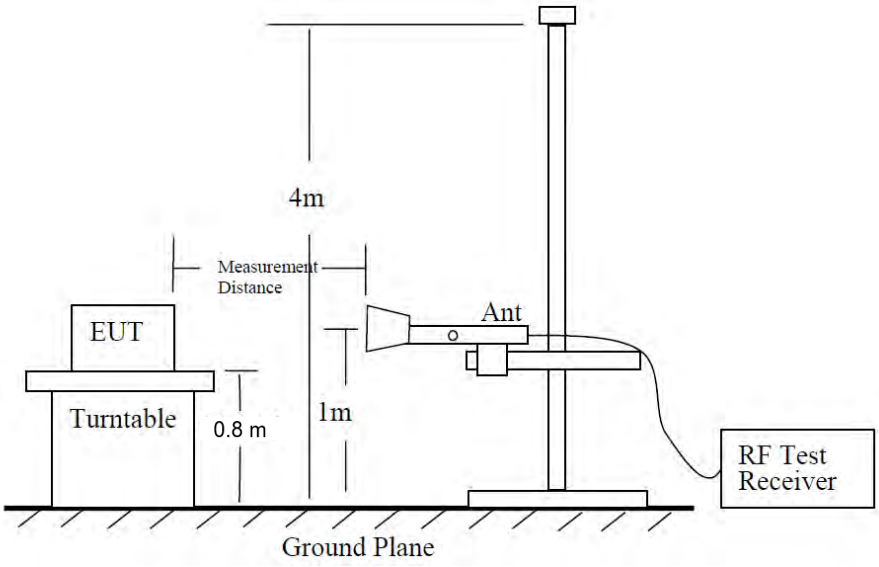
All testing was performed using FTM (Factory Test Mode) software at continuous Tx operation. When implemented out in the field, the EUT will operate with a maximum uplink configuration (i.e., a maximum uplink duty cycle of 100%).

SETUP DIAGRAM FOR TESTS

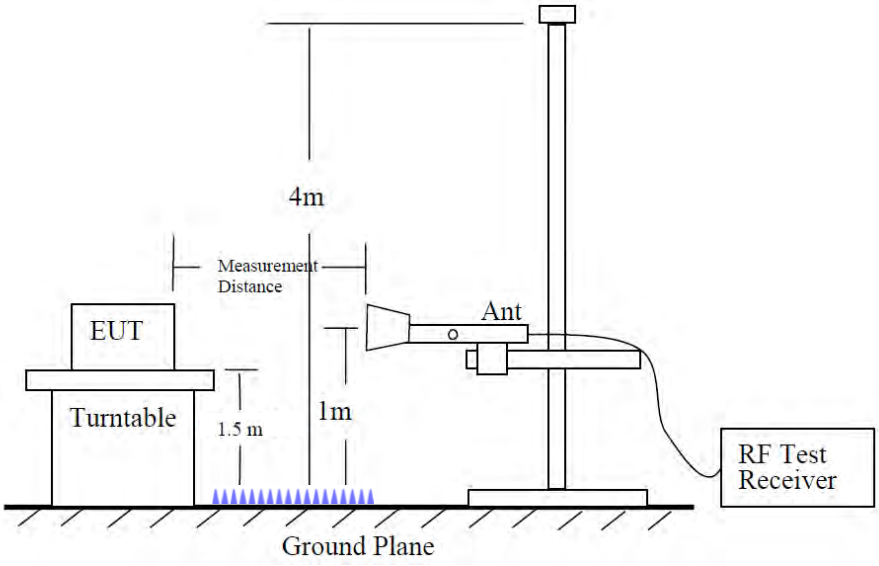
RF TESTS



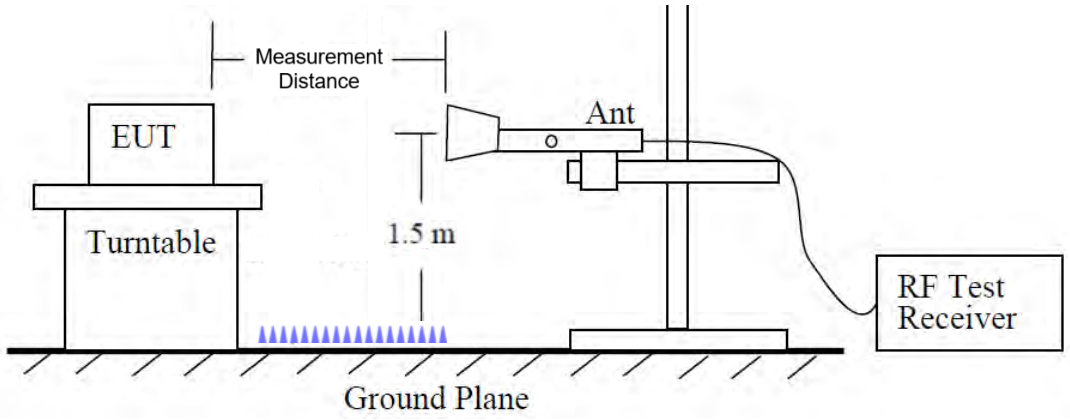
TEST SITE DIAGRAM – Below 1 GHz



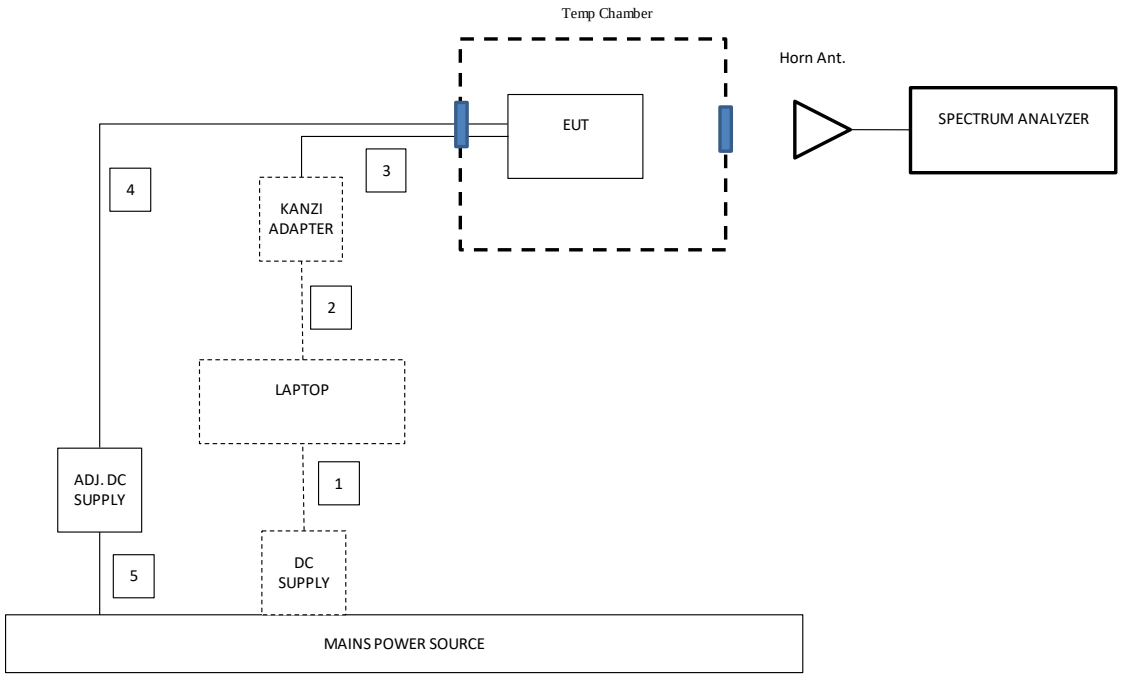
TEST SITE DIAGRAM – 1 - 18 GHz



TEST SITE DIAGRAM – Above 18 GHz & mmWave



FREQUENCY STABILITY



FAR-FIELD DISTANCE AND MEASUREMENT DISTANCE

The equipment under test was transmitting while connected to its integral antenna and is placed on a turntable.

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	3.39	3.50
26.5-40	0.0075	2.61	3.00
40-50	0.0060	1.61	3.00
50-75	0.0040	1.05	1.50
75-110	0.0027	0.70	1.00
110-170	0.0018	0.46	1.00
170-200	0.0015	0.24	0.50

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 List					
Description	**Manufacturer**	**Model**	**Local ID**	**Last Cal**	**Cal Due**
Spectrum Analyzer, PXA, 3Hz to 50 GHz w/Ext. Mixer	Keysight	N9030A	80125	1/202021	1/21/2022
EMI Test Receiver	Rohde & Schwarz	FSW50	PRE0211337	2/18/2021	2/20/2022
EMI Test Receiver	Rohde & Schwarz	FSW50	PRE0211887	2/20/2021	2/18/2022
EMI Test Receiver	Rohde & Schwarz	ESW44	PRE0203385	2/18/2021	2/18/2022
Antenna, Horn 18-26.5 GHz	ARA	MWH-1826/B	PRE0212908	9/2/2020	9/2/2021
Antenna, Horn 26.5-40 GHz	ARA	MWH-2640/B	PRE0212909	9/2/2020	9/2/2021
Antenna, Horn 18-26.5 GHz	ARA	MWH-1826/B	PRE0213446	6/2/2021	6/2/2022
Antenna, Horn 26.5-40 GHz	ARA	MWH-2640/B	PRE0212448	6/2/2021	6/2/2022
Antenna, Horn 18-26.5 GHz	ARA	MWH-1826/B	PRE0212447	6/25/2020	6/25/2021
Antenna, Horn 26.5-40 GHz	ARA	MWH-2640/B	PRE0212449	6/25/2020	6/25/2021
Spectrum Analyzer, PXA, 3 Hz to 44 GHz	Keysight	N9030A	85213	1/27/2021	1/27/2022
Antenna, Double Ridge Guide Horn 1 to 18 GHz	ETS	3117	T345	5/26/2021	5/26/2022
Amplifier, 9 kHz to 1 GHz, 32dB	Sonoma Instruments	310	PRE0180176	7/14/2020	7/14/2021
Antenna, Broadband Hybrid 30MHz to 2000MHz	Sunol Sciences Corp.	JB3	PRE0077974	5/20/2020	5/20/2021*
Amplifier, 1 - 18GHz	MITEQ	AFS42-00101800-25-S-42	89431	8/10/2020	8/10/2021
Environmental Chamber	Thermotron Industries	SE-600-10-10	79361	5/17/2021	11/17/2021
Digital Multimeter	Fluke	87V	59154	1/21/2021	1/21/2022
50V/3A Adj. DC Power Supply	Rigol	DP712	T1746	CNR	CNR
Amplifier, 26 – 40 GHz	Amplical	AMP26G-40-34-10-MI	PRE0208539	2/20/2021	2/20/2022
Horn antenna, 35-50 GHz	CMI	HO22R	H22-1	9/22/2020	9/22/2021
LNA, 40-50 GHz	Evarant	SBL-3335033040-2222-E1	PRE0212250	9/28/2020	9/28/2021
Low Pass Filter, 40-50 GHz	Evarant	SWF-45310360-2F2F-B1	PRE0212184	7/28/2020	7/28/2021
50-75 GHz Horn	C M i	HO15R	H15-1	9/22/2020	9/22/2021
LNA, 50-75 GHz	Evarant	SBL-503753350-1515-E1	199500	10/27/2020	10/27/2021
Waveguide Harmonic Mixer, 50 to 80 GHz	Keysight	M1970V	T994	9/3/2020	9/3/2021
75-110 GHz Horn	C M i	HO10R	H10-1	9/22/2020	9/22/2021
LNA, 75-110 GHz	Evarant	SBL-7531142050-1010-E1	199662	10/7/2020	10/7/2021
Waveguide Harmonic Mixer, 75 to 110 GHz	Keysight	M1970W	T993	9/2/2020	9/2/2021
110-170 GHz Horn	C M i	HO6R	H06-1	9/22/2020	9/22/2021
LNA 110-170 GHz	VivaTech	VTLNA-01S01	126979	12/4/20	12/4/21
110-170 GHz Downconverter	VDI	SAX 650	PRE0212451	6/8/2020	6/8/2021*
170-260 GHz Horn	C M i	HO4R	H04-1	9/22/2020	9/22/2021
170-260 GHz Downconverter	VDI	SAX 651	PRE0212241	5/18/2021	5/18/2022
UL EMC Radiated Software	Version	Rev.9.5.07 July 2020			
UL mmWave Software	Version	v2021.3.2			

*Equipment was used to perform tests prior to the calibration due date.

All horn antennas at and above the 33-50 GHz band are standard gain horns. In accordance with ANSI C63.10 clause 4.4.3 (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.

7. TEST RESULTS SUMMARY

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 30.203	Radiated Spurious Emissions	-13 dBm/MHz for all out-of-band emissions	Radiated	Compliant
2.1055	Frequency Stability	N/A	Radiated	Compliant

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47173 BENICIA STREET, FREMONT, CA 94538, USA TEL: (510) 319-4000 FAX: (510) 661-0888

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 ≥ 3 x RBW
- Detector = Peak
- Trace mode = max hold
- Sweep = auto couple
- The trace was allowed to stabilize

KDB 842590 D01 Upper Microwave Flexible Use Service v01 Section 4.3
ANSI C63.26-2015 Clause 5.4.3.

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 operations were investigation and results are reported in this section.

To minimize report size, the plots of Full RB, SISO-Dual, QPSK, Mid CH with both CCs and channel bandwidths on Ant M1 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.

Employee IDs: 19470 & 19437
Test Date: 4/19/2021 – 6/17/2021
Test Locations: Chamber 3

8.1.1. OBW n258 SB1

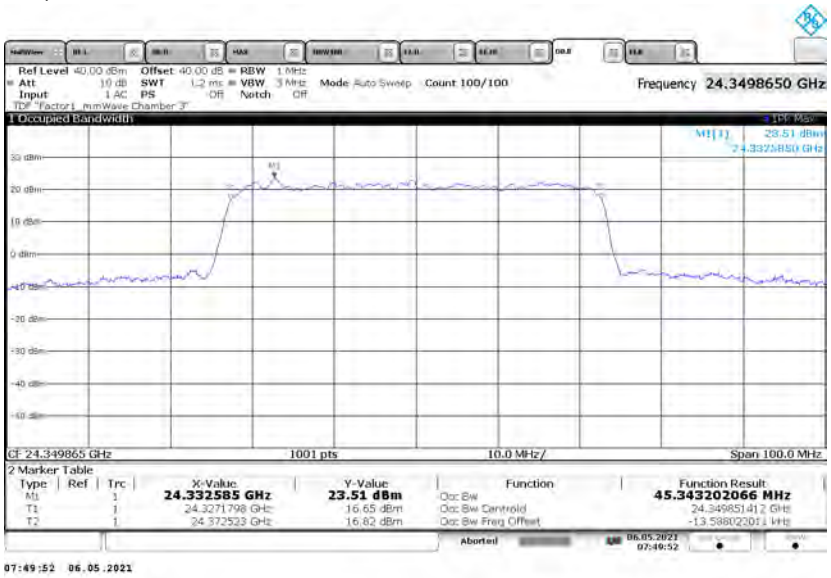
RESULTS

n258 SB1, ANT M1, Full-RB

Control System	Modulation	Channel	CH Bandwidth	CCs Active	OBW (MHz)
SISO-DUAL	BPSK	Mid	50	1	45.59
SISO-DUAL	QPSK	Low	50	1	45.19
SISO-DUAL	QPSK	Mid	50	1	45.34
SISO-DUAL	QPSK	High	50	1	45.53
MIMO	QPSK	Low	50	1	45.33
MIMO	QPSK	Mid	50	1	45.57
MIMO	QPSK	High	50	1	45.75
SISO-DUAL	16QAM	Mid	50	1	45.40
SISO-DUAL	64QAM	Mid	50	1	45.14
SISO	QPSK	Mid	100	1	91.23
SISO-DUAL	QPSK	Low	100	1	91.26
SISO-DUAL	QPSK	Mid	100	1	91.41
SISO-DUAL	QPSK	High	100	1	91.65
MIMO	QPSK	Low	100	1	93.68
MIMO	QPSK	Mid	100	1	94.20
MIMO	QPSK	High	100	1	93.82
SISO-DUAL	BPSK	Mid	50	2	95.77
SISO-DUAL	QPSK	Low	50	2	95.58
SISO-DUAL	QPSK	Mid	50	2	95.52
SISO-DUAL	QPSK	High	50	2	95.82
MIMO	QPSK	Low	50	2	95.51
MIMO	QPSK	Mid	50	2	95.98
MIMO	QPSK	High	50	2	95.74
SISO-DUAL	16QAM	Mid	50	2	95.94
SISO-DUAL	64QAM	Mid	50	2	95.80
SISO-DUAL	BPSK	Mid	100	2	189.19
SISO	QPSK	Mid	100	2	189.79
SISO-DUAL	QPSK	Mid	100	2	188.76
MIMO	QPSK	Mid	100	2	191.57
SISO-DUAL	16QAM	Mid	100	2	189.30
SISO-DUAL	64QAM	Mid	100	2	189.62

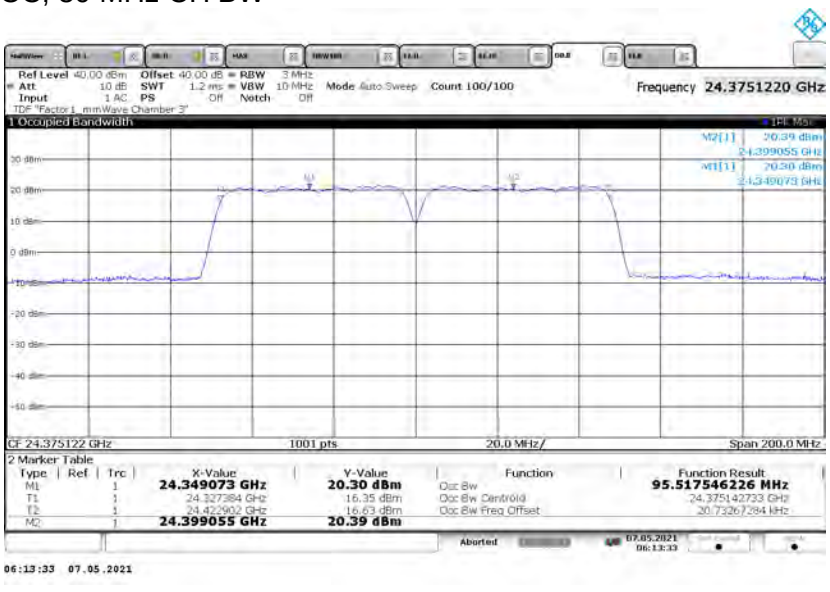
n258 SB1, ANT M1, Full-RB, SISO-Dual, QPSK, Mid-CH

1CC, 50 MHz CH BW

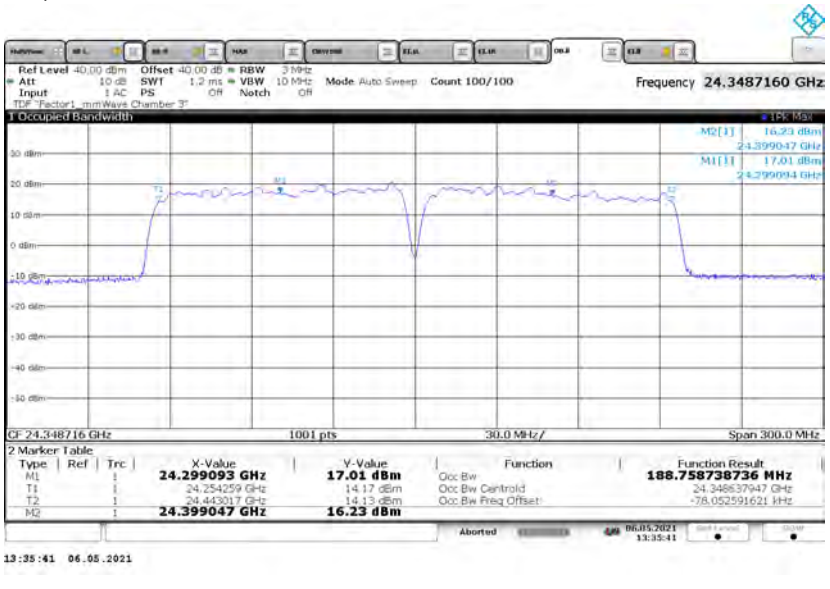


1CC, 100 MHz CH BW

2CC, 50 MHz CH BW



2CC, 100 MHz CH BW



n258 SB1, ANT M2, Full-RB

Control System	Modulation	Channel	CH Bandwidth	CCs Active	OBW (MHz)
SISO-DUAL	BPSK	Mid	50	1	45.62
SISO-DUAL	QPSK	Low	50	1	45.31
SISO-DUAL	QPSK	Mid	50	1	45.47
SISO-DUAL	QPSK	High	50	1	45.53
MIMO	QPSK	Low	50	1	45.59
MIMO	QPSK	Mid	50	1	45.51
MIMO	QPSK	High	50	1	45.54
SISO-DUAL	16QAM	Mid	50	1	45.23
SISO-DUAL	64QAM	Mid	50	1	45.47
SISO	QPSK	Mid	100	1	92.12
SISO-DUAL	QPSK	Low	100	1	92.10
SISO-DUAL	QPSK	Mid	100	1	91.88
SISO-DUAL	QPSK	High	100	1	91.43
MIMO	QPSK	Low	100	1	94.07
MIMO	QPSK	Mid	100	1	94.54
MIMO	QPSK	High	100	1	94.67
SISO-DUAL	BPSK	Mid	50	2	95.96
SISO-DUAL	QPSK	Low	50	2	95.87
SISO-DUAL	QPSK	Mid	50	2	95.45
SISO-DUAL	QPSK	High	50	2	95.84
MIMO	QPSK	Low	50	2	95.71
MIMO	QPSK	Mid	50	2	95.93
MIMO	QPSK	High	50	2	95.60
SISO-DUAL	16QAM	Mid	50	2	95.81
SISO-DUAL	64QAM	Mid	50	2	96.02
SISO-DUAL	BPSK	Mid	100	2	189.01
SISO	QPSK	Mid	100	2	190.66
SISO-DUAL	QPSK	Mid	100	2	190.07
MIMO	QPSK	Mid	100	2	191.38
SISO-DUAL	16QAM	Mid	100	2	189.81
SISO-DUAL	64QAM	Mid	100	2	189.66

8.1.2. OBW n258 SB2

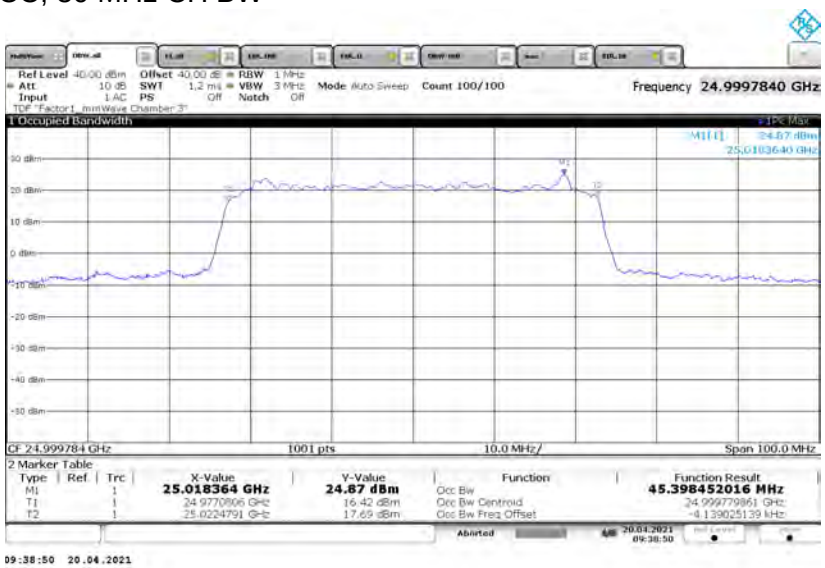
RESULTS

n258 SB2, ANT M1, Full-RB

Control System	Modulation	Channel	CH Bandwidth	CCs Active	OBW (MHz)
SISO-DUAL	BPSK	Mid	50	1	45.53
SISO-DUAL	QPSK	Low	50	1	45.44
SISO-DUAL	QPSK	Mid	50	1	45.40
SISO-DUAL	QPSK	High	50	1	45.52
MIMO	QPSK	Low	50	1	45.69
MIMO	QPSK	Mid	50	1	45.50
MIMO	QPSK	High	50	1	45.50
SISO-DUAL	16QAM	Mid	50	1	45.26
SISO-DUAL	64QAM	Mid	50	1	45.23
SISO	QPSK	Mid	100	1	91.47
SISO-DUAL	QPSK	Low	100	1	91.48
SISO-DUAL	QPSK	Mid	100	1	91.35
SISO-DUAL	QPSK	High	100	1	91.57
MIMO	QPSK	Low	100	1	93.77
MIMO	QPSK	Mid	100	1	94.35
MIMO	QPSK	High	100	1	93.82
SISO-DUAL	BPSK	Mid	50	2	95.56
SISO-DUAL	QPSK	Low	50	2	95.79
SISO-DUAL	QPSK	Mid	50	2	95.88
SISO-DUAL	QPSK	High	50	2	94.82
MIMO	QPSK	Low	50	2	96.25
MIMO	QPSK	Mid	50	2	95.57
MIMO	QPSK	High	50	2	95.79
SISO-DUAL	16QAM	Mid	50	2	95.55
SISO-DUAL	64QAM	Mid	50	2	96.23
SISO-DUAL	BPSK	Mid	100	2	189.91
SISO	QPSK	Mid	100	2	189.98
SISO-DUAL	QPSK	Low	100	2	189.38
SISO-DUAL	QPSK	Mid	100	2	189.28
SISO-DUAL	QPSK	High	100	2	189.52
MIMO	QPSK	Low	100	2	191.37
MIMO	QPSK	Mid	100	2	191.67
MIMO	QPSK	High	100	2	191.25
SISO-DUAL	16QAM	Mid	100	2	189.53
SISO-DUAL	64QAM	Mid	100	2	189.75

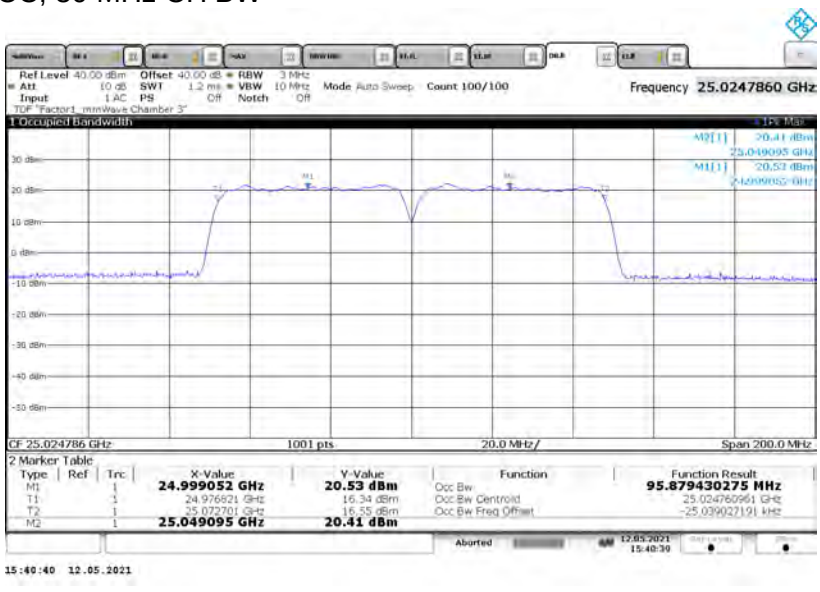
n258 SB2, ANT M1, Full-RB, SISO-Dual, QPSK, Mid-CH

1CC, 50 MHz CH BW

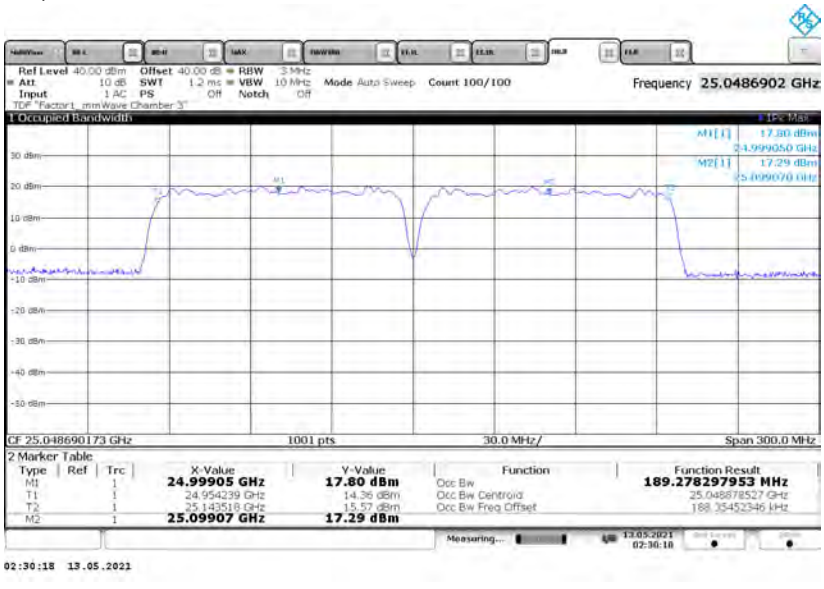


1CC, 100 MHz CH BW

2CC, 50 MHz CH BW



2CC, 100 MHz CH BW



n258 SB2, ANT M2, Full-RB

Control System	Modulation	Channel	CH Bandwidth	CCs Active	OBW (MHz)
SISO-DUAL	BPSK	Mid	50	1	45.31
SISO-DUAL	QPSK	Low	50	1	45.43
SISO-DUAL	QPSK	Mid	50	1	45.53
SISO-DUAL	QPSK	High	50	1	45.41
MIMO	QPSK	Low	50	1	45.62
MIMO	QPSK	Mid	50	1	45.70
MIMO	QPSK	High	50	1	45.63
SISO-DUAL	16QAM	Mid	50	1	45.43
SISO-DUAL	64QAM	Mid	50	1	45.51
SISO	QPSK	Mid	100	1	91.68
SISO-DUAL	QPSK	Low	100	1	91.59
SISO-DUAL	QPSK	Mid	100	1	91.50
SISO-DUAL	QPSK	High	100	1	91.53
MIMO	QPSK	Low	100	1	95.02
MIMO	QPSK	Mid	100	1	94.76
MIMO	QPSK	High	100	1	94.17
SISO-DUAL	BPSK	Mid	50	2	96.01
SISO-DUAL	QPSK	Low	50	2	95.74
SISO-DUAL	QPSK	Mid	50	2	96.11
SISO-DUAL	QPSK	High	50	2	96.10
MIMO	QPSK	Low	50	2	96.20
MIMO	QPSK	Mid	50	2	96.03
MIMO	QPSK	High	50	2	95.74
SISO-DUAL	16QAM	Mid	50	2	96.31
SISO-DUAL	64QAM	Mid	50	2	96.43
SISO-DUAL	BPSK	Mid	100	2	190.04
SISO	QPSK	Mid	100	2	189.62
SISO-DUAL	QPSK	Low	100	2	189.13
SISO-DUAL	QPSK	Mid	100	2	189.84
SISO-DUAL	QPSK	High	100	2	189.71
MIMO	QPSK	Low	100	2	192.16
MIMO	QPSK	Mid	100	2	192.32
MIMO	QPSK	High	100	2	192.31
SISO-DUAL	16QAM	Mid	100	2	189.92
SISO-DUAL	64QAM	Mid	100	2	190.04

8.1.3. OBW n261

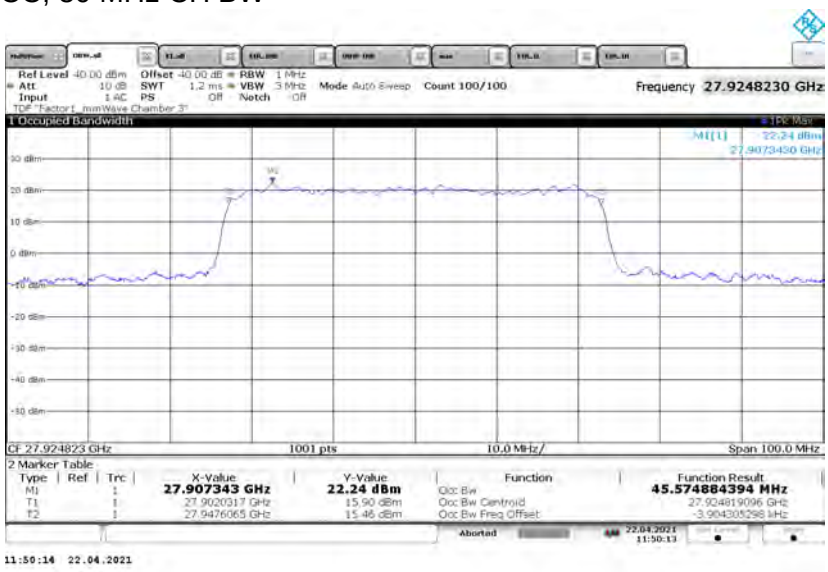
RESULTS

n261, ANT M1, Full-RB

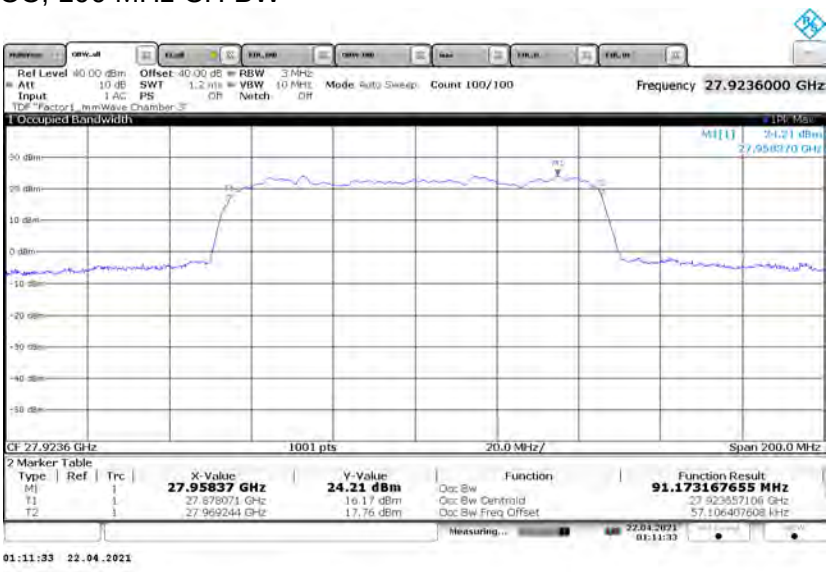
Control System	Modulation	Channel	CH Bandwidth	CCs Active	OBW (MHz)
SISO-DUAL	BPSK	Mid	50	1	45.61
SISO-DUAL	QPSK	Low	50	1	45.32
SISO-DUAL	QPSK	Mid	50	1	45.57
SISO-DUAL	QPSK	High	50	1	45.45
MIMO	QPSK	Low	50	1	45.59
MIMO	QPSK	Mid	50	1	45.73
MIMO	QPSK	High	50	1	45.66
SISO-DUAL	16QAM	Mid	50	1	45.22
SISO-DUAL	64QAM	Mid	50	1	45.58
SISO	QPSK	Mid	100	1	91.23
SISO-DUAL	QPSK	Low	100	1	91.68
SISO-DUAL	QPSK	Mid	100	1	91.17
SISO-DUAL	QPSK	High	100	1	91.69
MIMO	QPSK	Low	100	1	94.12
MIMO	QPSK	Mid	100	1	94.47
MIMO	QPSK	High	100	1	94.04
SISO-DUAL	BPSK	Mid	50	2	95.98
SISO-DUAL	QPSK	Low	50	2	95.98
SISO-DUAL	QPSK	Mid	50	2	96.13
SISO-DUAL	QPSK	High	50	2	96.05
MIMO	QPSK	Low	50	2	95.79
MIMO	QPSK	Mid	50	2	95.87
MIMO	QPSK	High	50	2	95.60
SISO-DUAL	16QAM	Mid	50	2	96.32
SISO-DUAL	64QAM	Mid	50	2	96.29
SISO-DUAL	BPSK	Mid	100	2	189.95
SISO	QPSK	Mid	100	2	189.42
SISO-DUAL	QPSK	Low	100	2	189.54
SISO-DUAL	QPSK	Mid	100	2	189.68
SISO-DUAL	QPSK	High	100	2	189.91
MIMO	QPSK	Low	100	2	191.12
MIMO	QPSK	Mid	100	2	191.38
MIMO	QPSK	High	100	2	191.37
SISO-DUAL	16QAM	Mid	100	2	190.64
SISO-DUAL	64QAM	Mid	100	2	190.70

n261, ANT M1, Full-RB, SISO-Dual, QPSK, Mid-CH

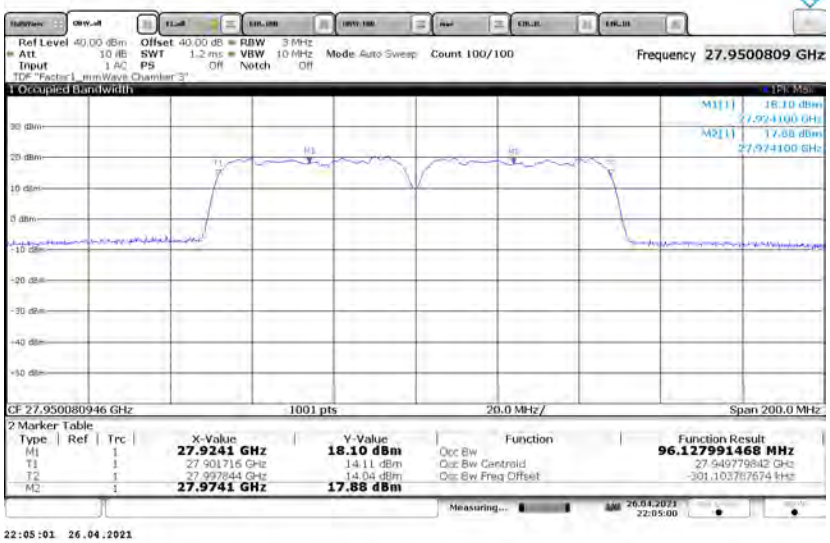
1CC, 50 MHz CH BW



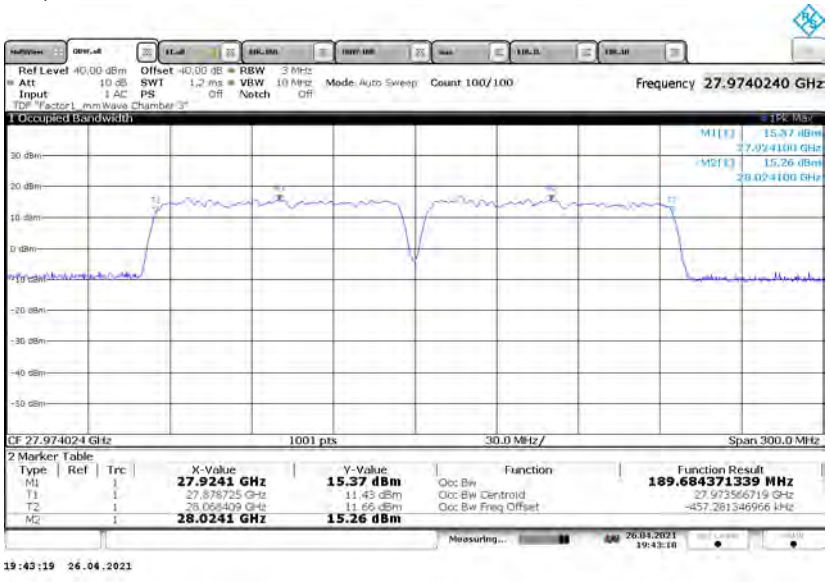
1CC, 100 MHz CH BW



2CC, 50 MHz CH BW



2CC, 100 MHz CH BW



n261, ANT M2, Full-RB

Control System	Modulation	Channel	CH Bandwidth	CCs Active	OBW (MHz)
SISO-DUAL	BPSK	Mid	50	1	45.45
SISO-DUAL	QPSK	Low	50	1	45.48
SISO-DUAL	QPSK	Mid	50	1	45.50
SISO-DUAL	QPSK	High	50	1	45.53
MIMO	QPSK	Low	50	1	45.60
MIMO	QPSK	Mid	50	1	45.60
MIMO	QPSK	High	50	1	45.84
SISO-DUAL	16QAM	Mid	50	1	45.29
SISO-DUAL	64QAM	Mid	50	1	45.39
SISO	QPSK	Mid	100	1	91.64
SISO-DUAL	QPSK	Low	100	1	91.59
SISO-DUAL	QPSK	Mid	100	1	91.86
SISO-DUAL	QPSK	High	100	1	91.80
MIMO	QPSK	Low	100	1	94.86
MIMO	QPSK	Mid	100	1	94.31
MIMO	QPSK	High	100	1	93.89
SISO-DUAL	BPSK	Mid	50	2	95.68
SISO-DUAL	QPSK	Low	50	2	95.98
SISO-DUAL	QPSK	Mid	50	2	95.76
SISO-DUAL	QPSK	High	50	2	95.62
MIMO	QPSK	Low	50	2	95.99
MIMO	QPSK	Mid	50	2	95.80
MIMO	QPSK	High	50	2	95.83
SISO-DUAL	16QAM	Mid	50	2	95.89
SISO-DUAL	64QAM	Mid	50	2	96.31
SISO-DUAL	BPSK	Mid	100	2	189.54
SISO	QPSK	Mid	100	2	189.69
SISO-DUAL	QPSK	Low	100	2	189.83
SISO-DUAL	QPSK	Mid	100	2	189.99
SISO-DUAL	QPSK	High	100	2	189.36
MIMO	QPSK	Low	100	2	191.60
MIMO	QPSK	Mid	100	2	191.39
MIMO	QPSK	High	100	2	191.57
SISO-DUAL	16QAM	Mid	100	2	189.72
SISO-DUAL	64QAM	Mid	100	2	189.81

8.1.4. OBW n260

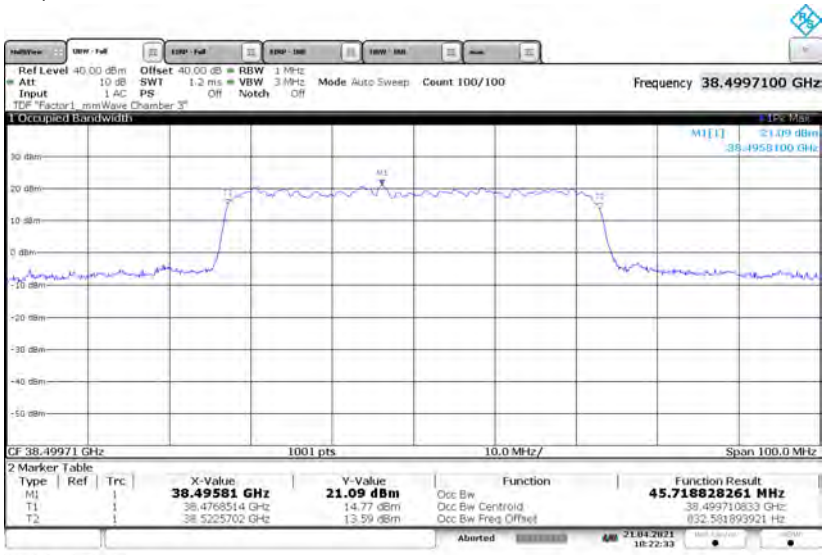
RESULTS

n260, ANT M1, Full-RB

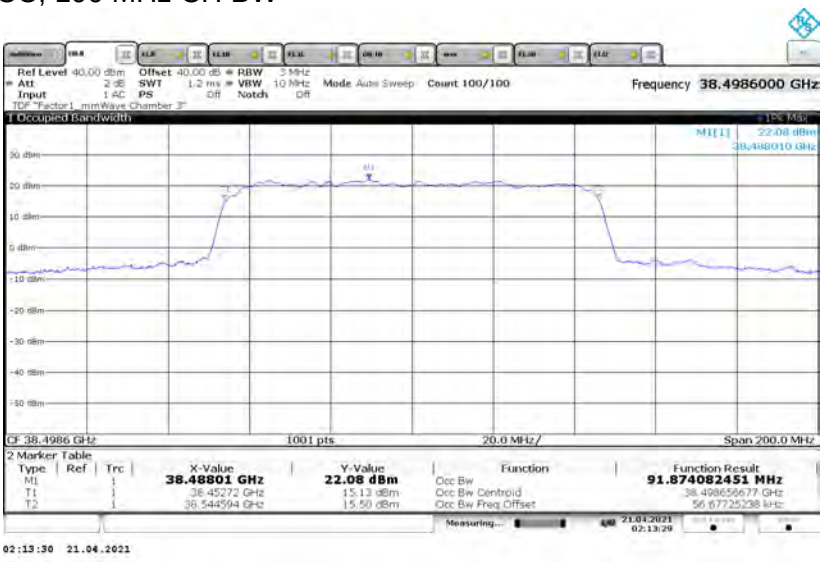
Control System	Modulation	Channel	CH Bandwidth	CCs Active	OBW (MHz)
SISO-DUAL	BPSK	Mid	50	1	45.71
SISO-DUAL	QPSK	Low	50	1	45.66
SISO-DUAL	QPSK	Mid	50	1	45.72
SISO-DUAL	QPSK	High	50	1	45.85
MIMO	QPSK	Low	50	1	45.83
MIMO	QPSK	Mid	50	1	46.09
MIMO	QPSK	High	50	1	46.08
SISO-DUAL	16QAM	Mid	50	1	45.56
SISO-DUAL	64QAM	Mid	50	1	46.06
SISO	QPSK	Mid	100	1	91.69
SISO-DUAL	QPSK	Low	100	1	92.06
SISO-DUAL	QPSK	Mid	100	1	91.87
SISO-DUAL	QPSK	High	100	1	90.94
MIMO	QPSK	Low	100	1	94.71
MIMO	QPSK	Mid	100	1	94.21
MIMO	QPSK	High	100	1	94.81
SISO-DUAL	BPSK	Mid	50	2	95.70
SISO-DUAL	QPSK	Low	50	2	95.40
SISO-DUAL	QPSK	Mid	50	2	95.18
SISO-DUAL	QPSK	High	50	2	95.55
MIMO	QPSK	Low	50	2	95.87
MIMO	QPSK	Mid	50	2	95.70
MIMO	QPSK	High	50	2	95.78
SISO-DUAL	16QAM	Mid	50	2	95.61
SISO-DUAL	64QAM	Mid	50	2	95.74
SISO-DUAL	BPSK	Mid	100	2	188.82
SISO	QPSK	Mid	100	2	189.61
SISO-DUAL	QPSK	Low	100	2	190.52
SISO-DUAL	QPSK	Mid	100	2	189.95
SISO-DUAL	QPSK	High	100	2	189.60
MIMO	QPSK	Low	100	2	191.33
MIMO	QPSK	Mid	100	2	191.46
MIMO	QPSK	High	100	2	191.60
SISO-DUAL	16QAM	Mid	100	2	189.51
SISO-DUAL	64QAM	Mid	100	2	189.64

n260, ANT M1, Full-RB, SISO-Dual, QPSK, Mid-CH

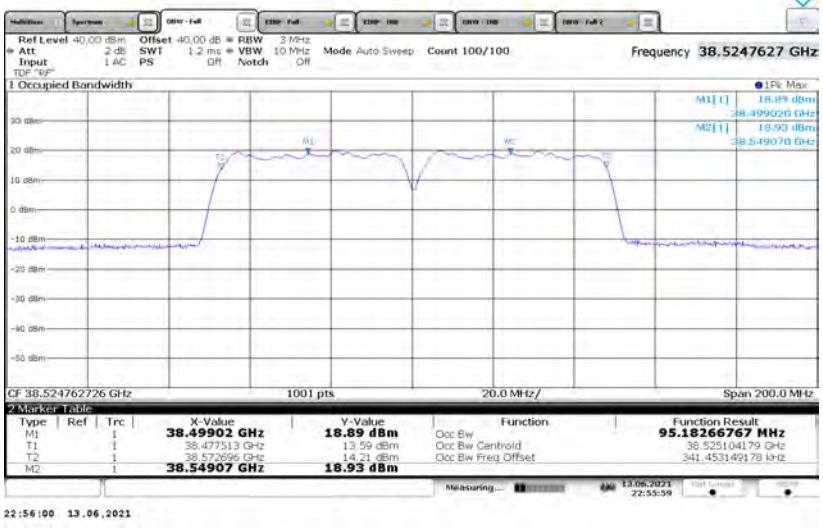
1CC, 50 MHz CH BW



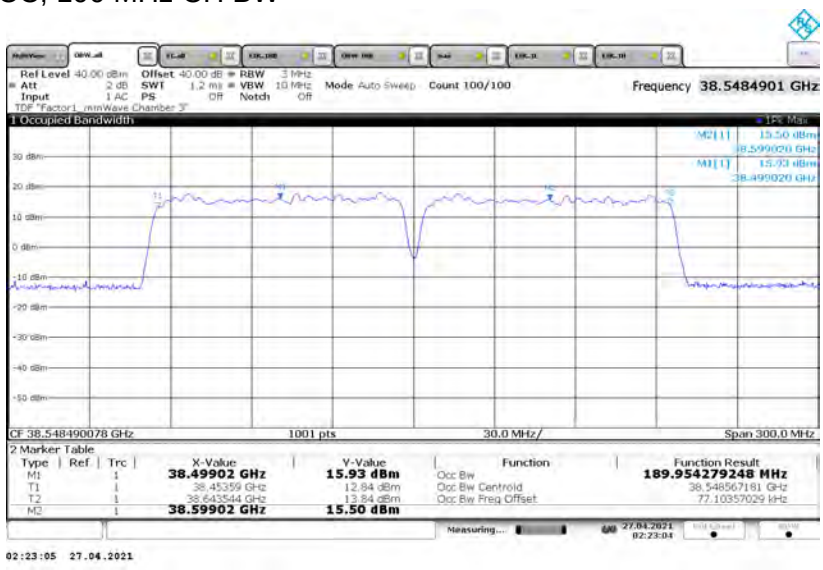
1CC, 100 MHz CH BW



2CC, 50 MHz CH BW



2CC, 100 MHz CH BW



n260, ANT M2, Full-RB

Control System	Modulation	Channel	CH Bandwidth	CCs Active	OBW (MHz)
SISO-DUAL	BPSK	Mid	50	1	45.65
SISO-DUAL	QPSK	Low	50	1	45.69
SISO-DUAL	QPSK	Mid	50	1	45.71
SISO-DUAL	QPSK	High	50	1	45.81
MIMO	QPSK	Low	50	1	46.16
MIMO	QPSK	Mid	50	1	45.92
MIMO	QPSK	High	50	1	46.04
SISO-DUAL	16QAM	Mid	50	1	45.50
SISO-DUAL	64QAM	Mid	50	1	45.80
SISO	QPSK	Mid	100	1	91.36
SISO-DUAL	QPSK	Low	100	1	92.60
SISO-DUAL	QPSK	Mid	100	1	91.88
SISO-DUAL	QPSK	High	100	1	92.73
MIMO	QPSK	Low	100	1	94.62
MIMO	QPSK	Mid	100	1	94.39
MIMO	QPSK	High	100	1	95.14
SISO-DUAL	BPSK	Mid	50	2	96.06
SISO-DUAL	QPSK	Low	50	2	95.92
SISO-DUAL	QPSK	Mid	50	2	96.12
SISO-DUAL	QPSK	High	50	2	96.10
MIMO	QPSK	Low	50	2	96.04
MIMO	QPSK	Mid	50	2	96.96
MIMO	QPSK	High	50	2	96.59
SISO-DUAL	16QAM	Mid	50	2	95.45
SISO-DUAL	64QAM	Mid	50	2	95.66
SISO-DUAL	BPSK	Mid	100	2	189.25
SISO	QPSK	Mid	100	2	189.32
SISO-DUAL	QPSK	Low	100	2	189.29
SISO-DUAL	QPSK	Mid	100	2	189.67
SISO-DUAL	QPSK	High	100	2	189.79
MIMO	QPSK	Low	100	2	191.34
MIMO	QPSK	Mid	100	2	191.14
MIMO	QPSK	High	100	2	191.25
SISO-DUAL	16QAM	Mid	100	2	189.35
SISO-DUAL	64QAM	Mid	100	2	189.71

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, not to exceed 1 MHz
- VBW ≥ 3 x RBW
- Span = 2x to 3x the OBW
- Number of measurement points in sweep > 2 x span / RBW
- Sweep time = auto-couple
- Detector = RMS
- Trace mode = Average over 100 sweeps

KDB 842590 D01 Upper Microwave Flexible Use Service v01 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 on 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 equations C.8 and C.9, and pre-loaded into spectrum analyzer.

Sample calculation of EIRP:

Total Correction Factor = Cable Loss (dB) – Horn Ant Gain (dBi) + Path Loss (dB)
= 4 – 23 + 71
= 52 dB

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

In order to properly display of signal level on the plots, the pre-loaded correction factors were intentional lowered by 40 dB and an offset factor of 40 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.

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.

For Ant M1 and Ant M2, BPSK, QPSK, 16QAM and 64QAM modulations were all 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 those combinations.

For Ant M0, only single RB of Mid Channel, QPSK modulation in SISO-Dual mode of each channel bandwidth is investigated to verify the lower EIRP, comparing to Ant M1.

To minimize report size, the plots of Full RB, SISO-Dual, QPSK, Low CH with both CCs and channel bandwidths on Ant M1 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.

Employee IDs: 19470 & 19437
Test Date: 4/27/2021 – 6/22/2021
Test Locations: Chamber 3

UL VERIFICATION SERVICES INC
47173 BENICIA STREET, FREMONT, CA 94538, USA TEL: (510) 319-4000 FAX: (510) 661-0888

8.2.1. EIRP n258 SB1 ANT M0

SISO-Dual

Modulation	Channel	Frequency	CH Bandwidth	CCs	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)		(Size/Offset)	(dBm)	(dBm)	(dB)
QPSK	Mid	24.349	50	1	1/15	22.61	43	-20.39
QPSK	Mid	24.349	100	1	1/32	23.02	43	-19.98

8.2.2. EIRP n258 SB1 ANT M1

SISO

Modulation	Channel	Frequency	CH Bandwidth	CCs	Ant Pol	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)			(Size/Offset)	(dBm)	(dBm)	(dB)
QPSK	Mid	24.349	50	1	V	1/15	25.69	43	-17.31
QPSK	Mid	24.349	100	1	V	1/32	25.32	43	-17.68
QPSK	Mid	24.349	50	2	V	1/15	17.78	43	-25.22
QPSK	Mid	24.299	100	2	V	1/32	18.12	43	-24.88

SISO-Dual

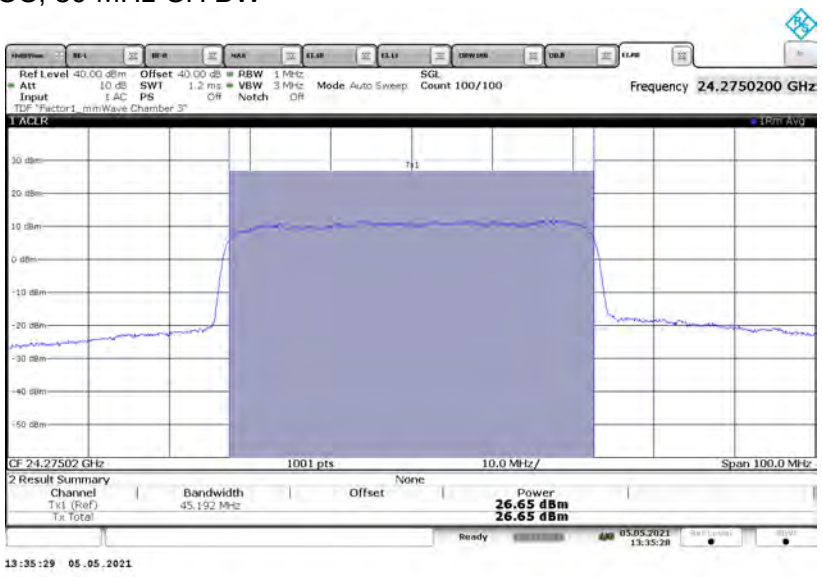
Modulation	Channel	Frequency	CH Bandwidth	CCs	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)		(Size/Offset)	(dBm)	(dBm)	(dB)
BPSK	Mid	24.349	50	1	1/15	28.15	43	-14.85
QPSK	Low	24.253	50	1	1/0	25.96	43	-17.04
QPSK	Low	24.274	50	1	1/15	28.32	43	-14.68
QPSK	Low	24.275	50	1	32/0	26.65	43	-16.35
QPSK	Mid	24.349	50	1	1/15	28.85	43	-14.15
QPSK	High	24.424	50	1	1/15	28.50	43	-14.50
QPSK	High	24.447	50	1	1/31	27.21	43	-15.79
QPSK	High	24.425	50	1	32/0	27.98	43	-15.02
16QAM	Mid	24.349	50	1	1/15	25.95	43	-17.05
64QAM	Mid	24.349	50	1	1/15	22.96	43	-20.04
BPSK	Mid	24.349	100	1	1/32	27.92	43	-15.08
QPSK	Low	24.253	100	1	1/0	26.56	43	-16.44
QPSK	Low	24.299	100	1	1/32	28.19	43	-14.81
QPSK	Low	24.299	100	1	64/0	27.65	43	-15.35
QPSK	Mid	24.349	100	1	1/32	28.42	43	-14.58
QPSK	High	24.399	100	1	1/32	27.99	43	-15.01
QPSK	High	24.447	100	1	1/65	26.36	43	-16.64
QPSK	High	24.399	100	1	64/0	25.15	43	-17.85
16QAM	Mid	24.349	100	1	1/32	25.76	43	-17.24
64QAM	Mid	24.349	100	1	1/32	24.26	43	-18.74
QPSK	Low	24.275	50	2	32/0	23.66	43	-19.34
QPSK	Mid	24.327	50	2	1/0	20.00	43	-23.00
QPSK	Mid	24.349	50	2	1/15	21.53	43	-21.47
QPSK	Mid	24.372	50	2	1/31	20.31	43	-22.69
QPSK	High	24.375	50	2	32/0	24.82	43	-18.18
BPSK	Mid	24.299	100	2	64/0	25.08	43	-17.92
QPSK	Mid	24.253	100	2	1/0	20.11	43	-22.89
QPSK	Mid	24.299	100	2	1/32	20.84	43	-22.16
QPSK	Mid	24.347	100	2	1/65	20.29	43	-22.71
QPSK	Mid	24.299	100	2	64/0	24.97	43	-18.03
16QAM	Mid	24.299	100	2	64/0	23.52	43	-19.48
64QAM	Mid	24.299	100	2	64/0	21.39	43	-21.61

MIMO

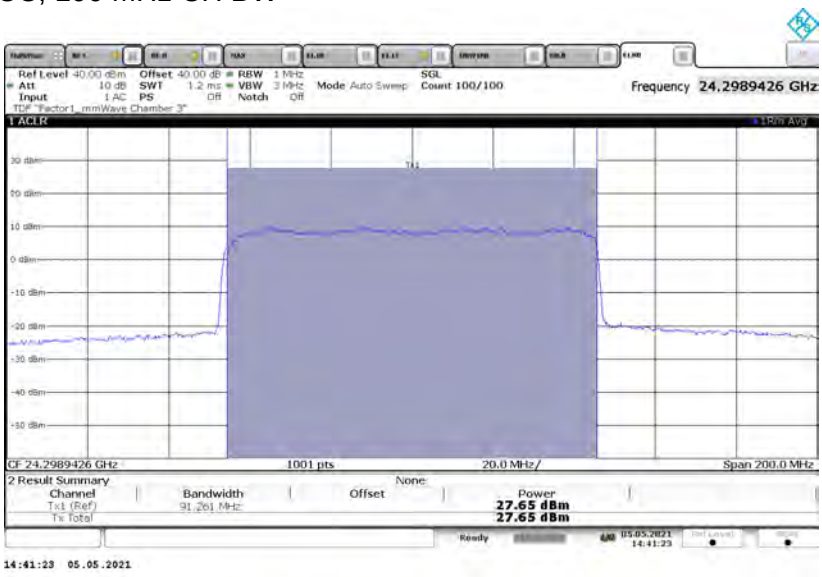
Modulation	Channel	Frequency	CH Bandwidth	CCs	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)		(Size/Offset)	(dBm)	(dBm)	(dB)
QPSK	Low	24.275	50	1	32/0	25.31	43	-17.69
QPSK	Mid	24.349	50	1	1/15	24.97	43	-18.03
QPSK	Mid	24.350	50	1	32/0	25.80	43	-17.20
QPSK	High	24.425	50	1	32/0	26.00	43	-17.00
QPSK	Low	24.300	100	1	66/0	25.60	43	-17.40
QPSK	Mid	24.351	100	1	1/33	25.05	43	-17.95
QPSK	Mid	24.350	100	1	66/0	25.06	43	-17.94
QPSK	High	24.400	100	1	66/0	25.15	43	-17.85
QPSK	Low	24.275	50	2	32/0	22.57	43	-20.43
QPSK	Mid	24.349	50	2	1/15	17.78	43	-25.22
QPSK	Mid	24.349	50	2	32/0	22.98	43	-20.02
QPSK	High	24.375	50	2	32/0	23.23	43	-19.77
QPSK	Mid	24.301	100	2	1/33	17.84	43	-25.16
QPSK	Mid	24.301	100	2	66/0	22.63	43	-20.37

n258 SB1, ANT M1, Full-RB, SISO-Dual, QPSK, Low-CH

1CC, 50 MHz CH BW



1CC, 100 MHz CH BW



8.2.3. EIRP n258 SB1 ANT M2

SISO

Modulation	Channel	Frequency	CH Bandwidth	CCs	Ant Pol	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)			(Size/Offset)	(dBm)	(dBm)	(dB)
QPSK	Mid	24.349	50	1	V	1/15	25.69	43	-17.31
QPSK	Mid	24.349	100	1	V	1/32	25.32	43	-17.68
QPSK	Mid	24.349	50	2	V	1/15	17.78	43	-25.22
QPSK	Mid	24.299	100	2	V	1/32	18.12	43	-24.88

SISO-Dual

Modulation	Channel	Frequency	CH Bandwidth	CCs	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)		(Size/Offset)	(dBm)	(dBm)	(dB)
BPSK	Mid	24.349	50	1	1/15	26.51	43	-16.49
QPSK	Low	24.252	50	1	1/0	24.90	43	-18.10
QPSK	Low	24.274	50	1	1/15	26.20	43	-16.80
QPSK	Low	24.275	50	1	32/0	26.04	43	-16.96
QPSK	Mid	24.349	50	1	1/15	26.76	43	-16.24
QPSK	High	24.424	50	1	1/15	26.91	43	-16.09
QPSK	High	24.447	50	1	1/31	25.48	43	-17.52
QPSK	High	24.425	50	1	32/0	26.46	43	-16.54
16QAM	Mid	24.349	50	1	1/15	24.64	43	-18.36
64QAM	Mid	24.349	50	1	1/15	22.28	43	-20.72
BPSK	Mid	24.349	100	1	1/32	26.54	43	-16.46
QPSK	Low	24.253	100	1	1/0	24.67	43	-18.33
QPSK	Low	24.299	100	1	1/32	26.55	43	-16.45
QPSK	Low	24.298	100	1	64/0	25.81	43	-17.19
QPSK	Mid	24.349	100	1	1/32	26.47	43	-16.53
QPSK	High	24.399	100	1	1/32	26.22	43	-16.78
QPSK	High	24.447	100	1	1/65	25.15	43	-17.85
QPSK	High	24.401	100	1	64/0	26.37	43	-16.63
16QAM	Mid	24.349	100	1	1/32	23.34	43	-19.66
64QAM	Mid	24.349	100	1	1/32	22.24	43	-20.76
QPSK	Low	24.275	50	2	32/0	23.39	43	-19.61
QPSK	Mid	24.327	50	2	1/0	18.68	43	-24.32
QPSK	Mid	24.349	50	2	1/15	19.39	43	-23.61
QPSK	Mid	24.372	50	2	1/31	18.54	43	-24.46
QPSK	High	24.375	50	2	32/0	24.03	43	-18.97
BPSK	Mid	24.299	100	2	64/0	23.64	43	-19.36
QPSK	Mid	24.253	100	2	1/0	17.33	43	-25.67
QPSK	Mid	24.299	100	2	1/32	18.88	43	-24.12
QPSK	Mid	24.347	100	2	1/65	18.19	43	-24.81
QPSK	Mid	24.299	100	2	64/0	23.34	43	-19.66
16QAM	Mid	24.299	100	2	64/0	21.92	43	-21.08
64QAM	Mid	24.299	100	2	64/0	20.34	43	-22.66

MIMO

Modulation	Channel	Frequency	CH Bandwidth	CCs	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)		(Size/Offset)	(dBm)	(dBm)	(dB)
QPSK	Low	24.275	50	1	32/0	24.08	43	-18.92
QPSK	Mid	24.349	50	1	1/15	23.64	43	-19.36
QPSK	Mid	24.350	50	1	32/0	23.62	43	-19.38
QPSK	High	24.425	50	1	32/0	24.13	43	-18.87
QPSK	Low	24.300	100	1	66/0	24.27	43	-18.73
QPSK	Mid	24.351	100	1	1/33	23.00	43	-20.00
QPSK	Mid	24.350	100	1	66/0	24.42	43	-18.58
QPSK	High	24.400	100	1	66/0	24.00	43	-19.00
QPSK	Low	24.275	50	2	32/0	21.37	43	-21.63
QPSK	Mid	24.349	50	2	1/15	16.36	43	-26.64
QPSK	Mid	24.349	50	2	32/0	21.11	43	-21.89
QPSK	High	24.375	50	2	32/0	21.37	43	-21.63
QPSK	Mid	24.301	100	2	1/33	16.91	43	-26.09
QPSK	Mid	24.301	100	2	66/0	22.03	43	-20.97

8.2.4. EIRP n258 SB2 ANT M0

SISO-Dual

Modulation	Channel	Frequency	CH Bandwidth	CCs	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)		(Size/Offset)	(dBm)	(dBm)	(dB)
QPSK	Mid	24.9990	50	1	1/15	23.12	43	-19.88
QPSK	Mid	24.9990	100	1	1/32	23.21	43	-19.79

8.2.5. EIRP n258 SB2 ANT M1

SISO

Modulation	Channel	Frequency	CH Bandwidth	CCs	Ant Pol	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)			(Size/Offset)	(dBm)	(dBm)	(dB)
QPSK	Mid	24.999	50	1	V	1/15	26.24	43	-16.76
QPSK	Mid	24.999	100	1	V	1/32	25.67	43	-17.33
QPSK	Mid	24.999	50	2	V	1/15	19.10	43	-23.90
QPSK	Mid	24.999	100	2	V	1/32	18.77	43	-24.23

SISO-Dual

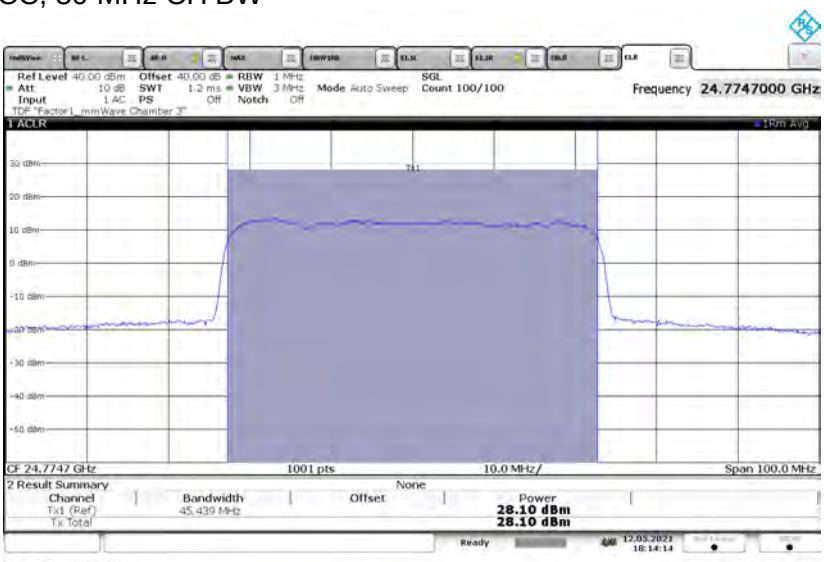
Modulation	Channel	Frequency	CH Bandwidth	CCs	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)		(Size/Offset)	(dBm)	(dBm)	(dB)
BPSK	Mid	24.999	50	1	1/15	28.34	43	-14.66
QPSK	Low	24.752	50	1	1/0	26.74	43	-16.26
QPSK	Low	24.774	50	1	1/15	28.25	43	-14.75
QPSK	Low	24.775	50	1	32/0	28.10	43	-14.90
QPSK	Mid	24.999	50	1	1/15	28.68	43	-14.32
QPSK	High	25.224	50	1	1/15	28.47	43	-14.53
QPSK	High	25.247	50	1	1/31	26.87	43	-16.13
QPSK	High	25.225	50	1	32/0	28.39	43	-14.61
16QAM	Mid	24.999	50	1	1/15	26.50	43	-16.50
64QAM	Mid	24.999	50	1	1/15	23.80	43	-19.20
BPSK	Mid	24.999	100	1	1/32	28.52	43	-14.48
QPSK	Low	24.753	100	1	1/0	27.91	43	-15.09
QPSK	Low	24.799	100	1	1/32	28.77	43	-14.23
QPSK	Low	24.799	100	1	64/0	28.04	43	-14.96
QPSK	Mid	24.999	100	1	1/32	28.61	43	-14.39
QPSK	High	25.199	100	1	1/32	28.45	43	-14.55
QPSK	High	25.247	100	1	1/65	27.01	43	-15.99
QPSK	High	25.201	100	1	64/0	28.28	43	-14.72
16QAM	Mid	24.999	100	1	1/32	26.30	43	-16.70
64QAM	Mid	24.999	100	1	1/32	24.82	43	-18.18
QPSK	Low	24.775	50	2	32/0	25.66	43	-17.34
QPSK	Mid	24.977	50	2	1/0	20.34	43	-22.66
QPSK	Mid	24.999	50	2	1/15	21.37	43	-21.63
QPSK	Mid	25.022	50	2	1/31	20.38	43	-22.62
QPSK	High	25.175	50	2	32/0	25.96	43	-17.04
BPSK	Mid	24.999	100	2	64/0	25.20	43	-17.80
QPSK	Low	24.800	100	2	64/0	25.84	43	-17.16
QPSK	Mid	24.953	100	2	1/0	20.40	43	-22.60
QPSK	Mid	24.999	100	2	1/32	21.24	43	-21.76
QPSK	Mid	25.047	100	2	1/65	20.27	43	-22.73
QPSK	High	25.100	100	2	64/0	25.70	43	-17.30
16QAM	Mid	24.999	100	2	64/0	23.53	43	-19.47
64QAM	Mid	24.999	100	2	64/0	22.14	43	-20.86

MIMO

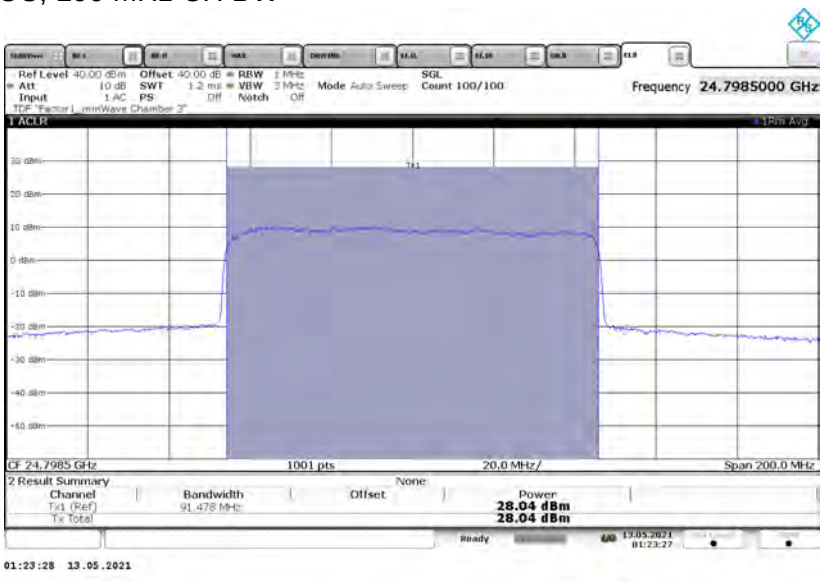
Modulation	Channel	Frequency	CH Bandwidth	CCs	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)		(Size/Offset)	(dBm)	(dBm)	(dB)
QPSK	Low	24.775	50	1	32/0	26.14	43	-16.86
QPSK	Mid	24.999	50	1	1/15	25.00	43	-18.00
QPSK	Mid	25.000	50	1	32/0	25.52	43	-17.48
QPSK	High	25.225	50	1	32/0	26.57	43	-16.43
QPSK	Low	24.800	100	1	66/0	25.79	43	-17.21
QPSK	Mid	25.001	100	1	1/33	25.21	43	-17.79
QPSK	Mid	25.000	100	1	66/0	25.91	43	-17.09
QPSK	High	25.200	100	1	66/0	26.48	43	-16.52
QPSK	Low	24.775	50	2	32/0	23.68	43	-19.32
QPSK	Mid	24.999	50	2	1/15	19.19	43	-23.81
QPSK	Mid	24.999	50	2	32/0	22.90	43	-20.10
QPSK	High	25.175	50	2	32/0	24.10	43	-18.90
QPSK	Low	24.800	100	2	66/0	23.07	43	-19.93
QPSK	Mid	25.000	100	2	1/33	17.68	43	-25.32
QPSK	Mid	25.000	100	2	66/0	23.28	43	-19.72
QPSK	High	25.100	100	2	66/0	23.64	43	-19.36

n258 SB2, ANT M1, Full-RB, SISO-Dual, QPSK, Low-CH

1CC, 50 MHz CH BW



1CC, 100 MHz CH BW



8.2.6. EIRP n258 SB2 ANT M2

SISO

Modulation	Channel	Frequency	CH Bandwidth	CCs	Ant Pol	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)			(Size/Offset)	(dBm)	(dBm)	(dB)
QPSK	Mid	24.999	50	1	V	1/15	19.43	43	-23.57
QPSK	Mid	24.999	100	1	V	1/32	18.95	43	-24.05
QPSK	Mid	24.999	50	2	V	1/15	12.43	43	-30.57
QPSK	Mid	24.999	100	2	V	1/32	11.71	43	-31.29

SISO-Dual

Modulation	Channel	Frequency	CH Bandwidth	CCs	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)		(Size/Offset)	(dBm)	(dBm)	(dB)
BPSK	Mid	24.999	50	1	1/15	27.10	43	-15.90
QPSK	Low	24.752	50	1	1/0	25.85	43	-17.15
QPSK	Low	24.774	50	1	1/15	27.62	43	-15.38
QPSK	Low	24.775	50	1	32/0	27.13	43	-15.87
QPSK	Mid	24.999	50	1	1/15	27.56	43	-15.44
QPSK	High	25.224	50	1	1/15	28.08	43	-14.92
QPSK	High	25.247	50	1	1/31	25.72	43	-17.28
QPSK	High	25.225	50	1	32/0	27.85	43	-15.15
16QAM	Mid	24.999	50	1	1/15	25.79	43	-17.21
64QAM	Mid	24.999	50	1	1/15	22.96	43	-20.04
BPSK	Mid	24.999	100	1	1/32	27.49	43	-15.51
QPSK	Low	24.753	100	1	1/0	23.68	43	-19.32
QPSK	Low	24.799	100	1	1/32	27.03	43	-15.97
QPSK	Low	24.799	100	1	64/0	26.58	43	-16.42
QPSK	Mid	24.999	100	1	1/32	27.49	43	-15.51
QPSK	High	25.199	100	1	1/32	27.56	43	-15.44
QPSK	High	25.247	100	1	1/65	26.59	43	-16.41
QPSK	High	25.199	100	1	64/0	27.49	43	-15.51
16QAM	Mid	24.999	100	1	1/32	24.95	43	-18.05
64QAM	Mid	24.999	100	1	1/32	23.63	43	-19.37
QPSK	Low	24.775	50	2	32/0	24.59	43	-18.41
QPSK	Mid	24.977	50	2	1/0	18.92	43	-24.08
QPSK	Mid	24.999	50	2	1/15	19.96	43	-23.04
QPSK	Mid	25.022	50	2	1/31	18.71	43	-24.29
QPSK	High	25.175	50	2	32/0	25.03	43	-17.97
BPSK	Mid	24.999	100	2	64/0	24.33	43	-18.67
QPSK	Low	24.800	100	2	64/0	23.92	43	-19.08
QPSK	Mid	24.953	100	2	1/0	18.11	43	-24.89
QPSK	Mid	24.999	100	2	1/32	20.33	43	-22.67
QPSK	Mid	25.047	100	2	1/65	18.82	43	-24.18
QPSK	High	25.100	100	2	64/0	24.74	43	-18.26
16QAM	Mid	24.999	100	2	64/0	22.50	43	-20.50
64QAM	Mid	24.999	100	2	64/0	20.96	43	-22.04

MIMO

Modulation	Channel	Frequency	CH Bandwidth	CCs	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)		(Size/Offset)	(dBm)	(dBm)	(dB)
QPSK	Low	27.775	50	1	32/0	24.83	43	-18.17
QPSK	Mid	24.999	50	1	1/15	23.60	43	-19.40
QPSK	Mid	25.000	50	1	32/0	24.71	43	-18.29
QPSK	High	25.225	50	1	32/0	26.07	43	-16.93
QPSK	Low	24.800	100	1	66/0	24.81	43	-18.19
QPSK	Mid	25.000	100	1	1/33	23.86	43	-19.14
QPSK	Mid	25.000	100	1	66/0	24.54	43	-18.46
QPSK	High	25.200	100	1	66/0	26.09	43	-16.91
QPSK	Low	24.775	50	2	32/0	22.31	43	-20.69
QPSK	Mid	24.999	50	2	1/15	16.89	43	-26.11
QPSK	Mid	24.999	50	2	32/0	22.18	43	-20.82
QPSK	High	25.175	50	2	32/0	23.10	43	-19.90
QPSK	Low	24.800	100	2	66/0	22.37	43	-20.63
QPSK	Mid	25.000	100	2	1/33	16.82	43	-26.18
QPSK	Mid	25.000	100	2	66/0	21.91	43	-21.09
QPSK	High	25.100	100	2	66/0	23.12	43	-19.88

8.2.7. EIRP n261 ANT M0

SISO-Dual

Modulation	Channel	Frequency	CH Bandwidth	CCs	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)		(Size/Offset)	(dBm)	(dBm)	(dB)
QPSK	Mid	27.924	50	1	1/15	20.63	43	-22.37
QPSK	Mid	27.924	100	1	1/32	20.16	43	-22.84

8.2.8. EIRP n261 ANT M1

SISO

Modulation	Channel	Frequency	CH Bandwidth	CCs	Ant Pol	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)			(Size/Offset)	(dBm)	(dBm)	(dB)
QPSK	Mid	27.924	50	1	V	1/15	26.53	43	-16.47
QPSK	Mid	27.924	100	1	V	1/32	26.22	43	-16.78
QPSK	Mid	27.924	50	2	V	1/15	18.35	43	-24.65
QPSK	Mid	27.924	100	2	V	1/32	18.71	43	-24.29

SISO-Dual

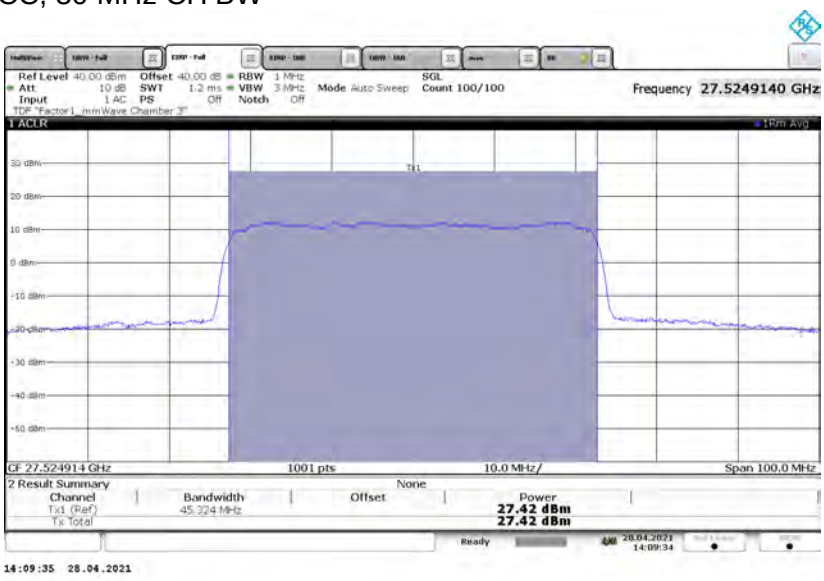
Modulation	Channel	Frequency	CH Bandwidth	CCs	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)		(Size/Offset)	(dBm)	(dBm)	(dB)
BPSK	Mid	27.924	50	1	1/15	27.54	43	-15.46
QPSK	Low	27.502	50	1	1/0	26.41	43	-16.59
QPSK	Low	27.524	50	1	1/15	27.75	43	-15.25
QPSK	Low	27.525	50	1	32/0	27.42	43	-15.58
QPSK	Mid	27.924	50	1	1/15	27.34	43	-15.66
QPSK	High	28.324	50	1	1/15	28.41	43	-14.59
QPSK	High	28.347	50	1	1/31	27.55	43	-15.45
QPSK	High	28.325	50	1	32/0	27.95	43	-15.05
16QAM	Mid	27.924	50	1	1/15	25.44	43	-17.56
64QAM	Mid	27.924	50	1	1/15	23.04	43	-19.96
BPSK	Mid	27.924	100	1	1/32	26.48	43	-16.52
QPSK	Low	27.503	100	1	1/0	26.48	43	-16.52
QPSK	Low	27.549	100	1	1/32	27.37	43	-15.63
QPSK	Low	27.549	100	1	64/0	27.49	43	-15.51
QPSK	Mid	27.924	100	1	1/32	27.63	43	-15.37
QPSK	High	28.299	100	1	1/32	27.70	43	-15.30
QPSK	High	28.347	100	1	1/65	26.43	43	-16.57
QPSK	High	28.299	100	1	64/0	27.52	43	-15.48
16QAM	Mid	27.924	100	1	1/32	25.52	43	-17.48
64QAM	Mid	27.924	100	1	1/32	23.18	43	-19.82
QPSK	Low	27.525	50	2	32/0	24.86	43	-18.14
QPSK	Mid	27.902	50	2	1/0	19.39	43	-23.61
QPSK	Mid	27.924	50	2	1/15	20.09	43	-22.91
QPSK	Mid	27.947	50	2	1/31	19.57	43	-23.43
QPSK	High	28.275	50	2	32/0	25.33	43	-17.67
BPSK	Mid	27.924	100	2	64/0	22.70	43	-20.30
QPSK	Low	27.550	100	2	64/0	24.65	43	-18.35
QPSK	Mid	27.878	100	2	1/0	19.77	43	-23.23
QPSK	Mid	27.924	100	2	1/32	19.95	43	-23.05
QPSK	Mid	27.972	100	2	1/65	19.32	43	-23.68
QPSK	High	28.200	100	2	64/0	25.06	43	-17.94
16QAM	Mid	27.924	100	2	64/0	21.16	43	-21.84
64QAM	Mid	27.924	100	2	64/0	19.17	43	-23.83

MIMO

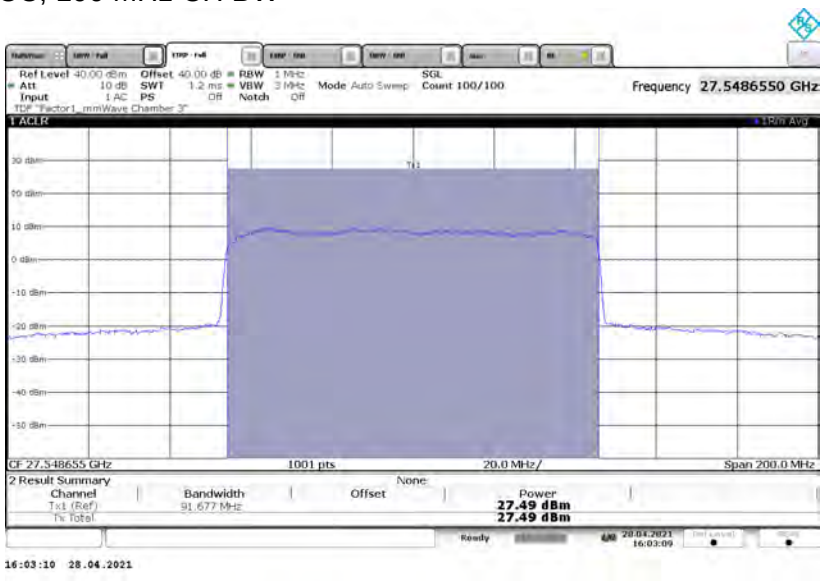
Modulation	Channel	Frequency	CH Bandwidth	CCs	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)		(Size/Offset)	(dBm)	(dBm)	(dB)
QPSK	Low	27.525	50	1	32/0	24.95	43	-18.05
QPSK	Mid	27.924	50	1	1/15	25.11	43	-17.89
QPSK	Mid	27.925	50	1	32/0	25.25	43	-17.75
QPSK	High	28.325	50	1	32/0	25.54	43	-17.46
QPSK	Low	27.550	100	1	66/0	25.56	43	-17.44
QPSK	Mid	27.925	100	1	1/33	24.16	43	-18.84
QPSK	Mid	27.925	100	1	66/0	24.68	43	-18.32
QPSK	High	28.300	100	1	66/0	25.86	43	-17.14
QPSK	Low	27.525	50	2	32/0	22.39	43	-20.61
QPSK	Mid	27.924	50	2	1/15	19.23	43	-23.77
QPSK	Mid	27.924	50	2	32/0	22.81	43	-20.19
QPSK	High	28.275	50	2	32/0	22.97	43	-20.03
QPSK	Low	27.550	100	2	66/0	23.16	43	-19.84
QPSK	Mid	27.925	100	2	1/33	18.66	43	-24.34
QPSK	Mid	27.925	100	2	66/0	21.95	43	-21.05
QPSK	High	28.200	100	2	66/0	23.18	43	-19.82

n261, ANT M1, Full-RB, SISO-Dual, QPSK, Low-CH

1CC, 50 MHz CH BW



1CC, 100 MHz CH BW



UL VERIFICATION SERVICES INC
47173 BENICIA STREET, FREMONT, CA 94538, USA TEL: (510) 319-4000 FAX: (510) 661-0888

8.2.9. EIRP n261 ANT M2

SISO

Modulation	Channel	Frequency	CH Bandwidth	CCs	Ant Pol	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)			(Size/Offset)	(dBm)	(dBm)	(dB)
QPSK	Mid	27.924	50	1	V	1/15	22.26	43	-20.74
QPSK	Mid	27.924	100	1	V	1/32	22.82	43	-20.18
QPSK	Mid	27.924	50	2	V	1/15	14.43	43	-28.57
QPSK	Mid	27.924	100	2	V	1/32	15.85	43	-27.15

SISO-Dual

Modulation	Channel	Frequency	CH Bandwidth	CCs	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)		(Size/Offset)	(dBm)	(dBm)	(dB)
BPSK	Mid	27.924	50	1	1/15	27.92	43	-15.08
QPSK	Low	27.502	50	1	1/0	26.55	43	-16.45
QPSK	Low	27.524	50	1	1/15	28.13	43	-14.87
QPSK	Low	27.525	50	1	32/0	27.67	43	-15.33
QPSK	Mid	27.924	50	1	1/15	27.94	43	-15.06
QPSK	High	28.324	50	1	1/15	28.75	43	-14.25
QPSK	High	28.347	50	1	1/31	28.95	43	-14.05
QPSK	High	28.325	50	1	32/0	27.89	43	-15.11
16QAM	Mid	27.924	50	1	1/15	25.78	43	-17.22
64QAM	Mid	27.924	50	1	1/15	23.92	43	-19.08
BPSK	Mid	27.924	100	1	1/32	28.09	43	-14.91
QPSK	Low	27.503	100	1	1/0	27.10	43	-15.90
QPSK	Low	27.549	100	1	1/32	28.32	43	-14.68
QPSK	Low	27.549	100	1	64/0	27.96	43	-15.04
QPSK	Mid	27.924	100	1	1/32	28.06	43	-14.94
QPSK	High	28.299	100	1	1/32	29.04	43	-13.96
QPSK	High	28.347	100	1	1/65	28.08	43	-14.92
QPSK	High	28.299	100	1	64/0	28.81	43	-14.19
16QAM	Mid	27.924	100	1	1/32	26.64	43	-16.36
64QAM	Mid	27.924	100	1	1/32	24.12	43	-18.88
QPSK	Low	27.525	50	2	32/0	25.20	43	-17.80
QPSK	Mid	27.902	50	2	1/0	18.86	43	-24.14
QPSK	Mid	27.924	50	2	1/15	20.96	43	-22.04
QPSK	Mid	27.947	50	2	1/31	20.31	43	-22.69
QPSK	High	28.275	50	2	32/0	26.31	43	-16.69
BPSK	Mid	27.924	100	2	64/0	25.08	43	-17.92
QPSK	Low	27.550	100	2	64/0	25.34	43	-17.66
QPSK	Mid	27.878	100	2	1/0	20.05	43	-22.95
QPSK	Mid	27.924	100	2	1/32	20.95	43	-22.05
QPSK	Mid	27.972	100	2	1/65	20.39	43	-22.61
QPSK	High	28.200	100	2	64/0	25.12	43	-17.88
16QAM	Mid	27.924	100	2	64/0	22.94	43	-20.06
64QAM	Mid	27.924	100	2	64/0	20.76	43	-22.24

MIMO

Modulation	Channel	Frequency	CH Bandwidth	CCs	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)		(Size/Offset)	(dBm)	(dBm)	(dB)
QPSK	Low	27.525	50	1	32/0	26.05	43	-16.95
QPSK	Mid	27.924	50	1	1/15	26.40	43	-16.60
QPSK	Mid	27.925	50	1	32/0	26.72	43	-16.28
QPSK	High	28.325	50	1	32/0	26.54	43	-16.46
QPSK	Low	27.550	100	1	66/0	25.15	43	-17.85
QPSK	Mid	27.925	100	1	1/33	25.95	43	-17.05
QPSK	Mid	27.925	100	1	66/0	26.35	43	-16.65
QPSK	High	28.300	100	1	66/0	26.25	43	-16.75
QPSK	Low	27.525	50	2	32/0	23.58	43	-19.42
QPSK	Mid	27.924	50	2	1/15	19.20	43	-23.80
QPSK	Mid	27.924	50	2	32/0	24.00	43	-19.00
QPSK	High	28.275	50	2	32/0	22.97	43	-20.03
QPSK	Low	27.550	100	2	66/0	22.60	43	-20.40
QPSK	Mid	27.925	100	2	1/33	19.55	43	-23.45
QPSK	Mid	27.925	100	2	66/0	24.03	43	-18.97
QPSK	High	28.200	100	2	66/0	23.75	43	-19.25

8.2.10. EIRP n260 ANT M0

SISO-Dual

Modulation	Channel	Frequency	CH Bandwidth	CCs	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)		(Size/Offset)	(dBm)	(dBm)	(dB)
QPSK	Mid	38.499	50	1	1/15	18.09	43	-24.91
QPSK	Mid	38.499	100	1	1/32	17.25	43	-25.75

8.2.11. EIRP n260 ANT M1

SISO

Modulation	Channel	Frequency	CH Bandwidth	CCs	Ant Pol	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)			(Size/Offset)	(dBm)	(dBm)	(dB)
QPSK	Mid	38.499	50	1	V	1/15	22.21	43	-20.79
QPSK	Mid	38.499	100	1	V	1/32	22.58	43	-20.42
QPSK	Mid	38.499	50	2	V	1/15	15.13	43	-27.87
QPSK	Mid	38.499	100	2	V	1/32	14.61	43	-28.39

SISO-Dual

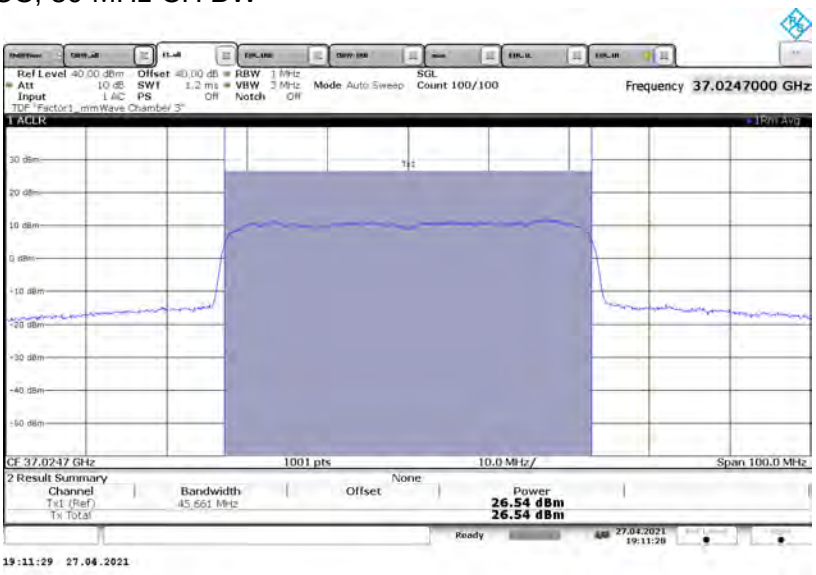
Modulation	Channel	Frequency	CH Bandwidth	CCs	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)		(Size/Offset)	(dBm)	(dBm)	(dB)
BPSK	Mid	38.499	50	1	1/15	25.62	43	-17.38
QPSK	Low	37.002	50	1	1/0	25.84	43	-17.16
QPSK	Low	37.024	50	1	1/15	26.33	43	-16.67
QPSK	Low	37.025	50	1	32/0	26.54	43	-16.46
QPSK	Mid	38.499	50	1	1/15	25.25	43	-17.75
QPSK	High	39.974	50	1	1/15	25.10	43	-17.90
QPSK	High	39.997	50	1	1/31	24.18	43	-18.82
QPSK	High	39.975	50	1	32/0	25.33	43	-17.67
16QAM	Mid	38.499	50	1	1/15	22.94	43	-20.06
64QAM	Mid	38.499	50	1	1/15	21.73	43	-21.27
BPSK	Mid	38.499	100	1	1/32	24.23	43	-18.77
QPSK	Low	37.003	100	1	1/0	25.51	43	-17.49
QPSK	Low	37.049	100	1	1/32	26.56	43	-16.44
QPSK	Low	37.049	100	1	64/0	26.63	43	-16.37
QPSK	Mid	38.499	100	1	1/32	25.18	43	-17.82
QPSK	High	39.949	100	1	1/32	25.86	43	-17.14
QPSK	High	39.997	100	1	1/65	24.77	43	-18.23
QPSK	High	39.949	100	1	64/0	26.05	43	-16.95
16QAM	Mid	38.499	100	1	1/32	23.01	43	-19.99
64QAM	Mid	38.499	100	1	1/32	21.05	43	-21.95
QPSK	Low	37.025	50	2	32/0	24.32	43	-18.68
QPSK	Mid	38.477	50	2	1/0	18.14	43	-24.86
QPSK	Mid	38.499	50	2	1/15	18.03	43	-24.97
QPSK	Mid	38.522	50	2	1/31	17.90	43	-25.10
QPSK	High	39.925	50	2	32/0	23.18	43	-19.82
BPSK	Mid	38.499	100	2	64/0	22.67	43	-20.33
QPSK	Low	37.050	100	2	64/0	24.65	43	-18.35
QPSK	Mid	38.453	100	2	1/0	16.52	43	-26.48
QPSK	Mid	38.499	100	2	1/32	17.45	43	-25.55
QPSK	Mid	38.546	100	2	1/65	17.16	43	-25.84
QPSK	High	39.850	100	2	64/0	24.09	43	-18.91
16QAM	Mid	38.499	100	2	64/0	21.03	43	-21.97
64QAM	Mid	38.499	100	2	64/0	18.63	43	-24.37

MIMO

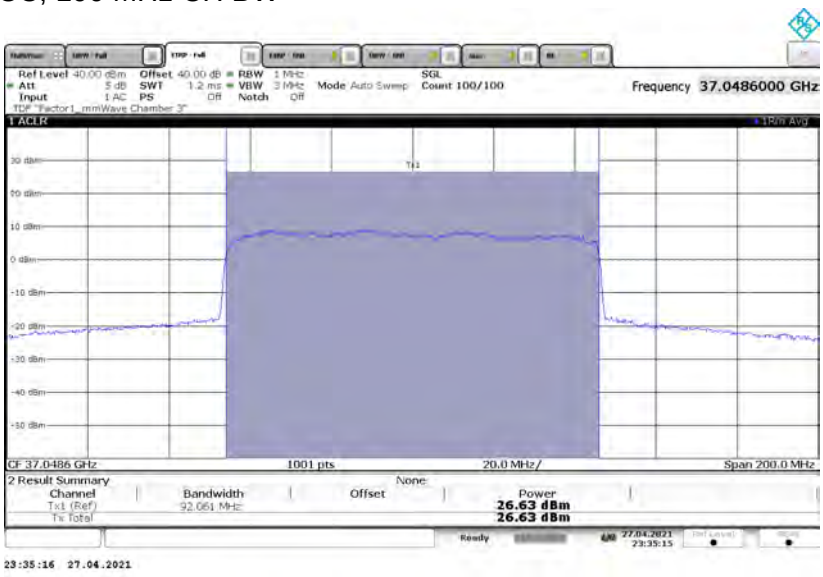
Modulation	Channel	Frequency	CH Bandwidth	CCs	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)		(Size/Offset)	(dBm)	(dBm)	(dB)
QPSK	Low	37.025	50	1	32/0	25.12	43	-17.88
QPSK	Mid	38.499	50	1	1/15	23.07	43	-19.93
QPSK	Mid	38.500	50	1	32/0	23.45	43	-19.55
QPSK	High	39.975	50	1	32/0	24.40	43	-18.60
QPSK	Low	37.050	100	1	66/0	24.81	43	-18.19
QPSK	Mid	38.500	100	1	1/33	22.20	43	-20.80
QPSK	Mid	38.500	100	1	66/0	22.27	43	-20.73
QPSK	High	39.950	100	1	66/0	24.14	43	-18.86
QPSK	Low	37.025	50	2	32/0	22.64	43	-20.36
QPSK	Mid	38.499	50	2	1/15	16.28	43	-26.72
QPSK	Mid	38.499	50	2	32/0	21.08	43	-21.92
QPSK	High	39.925	50	2	32/0	19.51	43	-23.49
QPSK	Low	37.050	100	2	66/0	22.53	43	-20.47
QPSK	Mid	38.500	100	2	1/33	14.98	43	-28.02
QPSK	Mid	38.500	100	2	66/0	19.86	43	-23.14
QPSK	High	39.850	100	2	66/0	19.15	43	-23.85

n260, ANT M1, Full-RB, SISO-Dual, QPSK, Low-CH

1CC, 50 MHz CH BW



1CC, 100 MHz CH BW



8.2.12. EIRP n260 ANT M2

SISO

Modulation	Channel	Frequency	CH Bandwidth	CCs	Ant Pol	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)			(Size/Offset)	(dBm)	(dBm)	(dB)
QPSK	Mid	38.499	50	1	V	1/15	22.07	43	-20.93
QPSK	Mid	38.499	100	1	V	1/32	22.83	43	-20.17
QPSK	Mid	38.499	50	2	V	1/15	15.12	43	-27.88
QPSK	Mid	38.499	100	2	V	1/32	14.72	43	-28.28

SISO-Dual

Modulation	Channel	Frequency	CH Bandwidth	CCs	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)		(Size/Offset)	(dBm)	(dBm)	(dB)
BPSK	Mid	38.499	50	1	1/15	25.58	43	-17.42
QPSK	Low	37.002	50	1	1/0	25.34	43	-17.66
QPSK	Low	37.024	50	1	1/15	25.59	43	-17.41
QPSK	Low	37.025	50	1	32/0	25.14	43	-17.86
QPSK	Mid	38.499	50	1	1/15	25.79	43	-17.21
QPSK	High	39.974	50	1	1/15	26.25	43	-16.75
QPSK	High	39.997	50	1	1/31	25.36	43	-17.64
QPSK	High	39.975	50	1	32/0	26.40	43	-16.60
16QAM	Mid	38.499	50	1	1/15	23.61	43	-19.39
64QAM	Mid	38.499	50	1	1/15	21.92	43	-21.08
BPSK	Mid	38.499	100	1	1/32	25.17	43	-17.83
QPSK	Low	37.003	100	1	1/0	23.94	43	-19.06
QPSK	Low	37.049	100	1	1/32	25.73	43	-17.27
QPSK	Low	37.049	100	1	64/0	25.29	43	-17.71
QPSK	Mid	38.499	100	1	1/32	25.56	43	-17.44
QPSK	High	39.949	100	1	1/32	26.48	43	-16.52
QPSK	High	39.996	100	1	1/65	25.40	43	-17.60
QPSK	High	39.949	100	1	64/0	26.57	43	-16.43
16QAM	Mid	38.499	100	1	1/32	23.46	43	-19.54
64QAM	Mid	38.499	100	1	1/32	21.78	43	-21.22
QPSK	Low	37.025	50	2	32/0	23.47	43	-19.53
QPSK	Mid	38.477	50	2	1/0	17.90	43	-25.10
QPSK	Mid	38.499	50	2	1/15	18.67	43	-24.33
QPSK	Mid	38.522	50	2	1/31	18.03	43	-24.97
QPSK	High	39.925	50	2	32/0	23.95	43	-19.05
BPSK	Mid	38.499	100	2	64/0	22.79	43	-20.21
QPSK	Low	37.050	100	2	64/0	22.84	43	-20.16
QPSK	Mid	38.453	100	2	1/0	17.06	43	-25.94
QPSK	Mid	38.499	100	2	1/32	18.00	43	-25.00
QPSK	Mid	38.546	100	2	1/65	16.83	43	-26.17
QPSK	High	39.850	100	2	64/0	23.96	43	-19.04
16QAM	Mid	38.499	100	2	64/0	20.95	43	-22.05
64QAM	Mid	38.499	100	2	64/0	18.27	43	-24.73

MIMO

Modulation	Channel	Frequency	CH Bandwidth	CCs	RB	Avg EIRP	Limit	Margin
		(GHz)	(MHz)		(Size/Offset)	(dBm)	(dBm)	(dB)
QPSK	Low	37.025	50	1	32/0	23.44	43	-19.56
QPSK	Mid	38.499	50	1	1/15	22.78	43	-20.22
QPSK	Mid	38.500	50	1	32/0	23.76	43	-19.24
QPSK	High	39.975	50	1	32/0	24.74	43	-18.26
QPSK	Low	37.050	100	1	66/0	22.89	43	-20.11
QPSK	Mid	38.500	100	1	1/33	22.99	43	-20.01
QPSK	Mid	38.500	100	1	66/0	23.70	43	-19.30
QPSK	High	39.950	100	1	66/0	24.59	43	-18.41
QPSK	Low	37.025	50	2	32/0	20.86	43	-22.14
QPSK	Mid	38.499	50	2	1/15	15.84	43	-27.16
QPSK	Mid	38.499	50	2	32/0	21.38	43	-21.62
QPSK	High	39.925	50	2	32/0	22.25	43	-20.75
QPSK	Low	37.050	100	2	66/0	20.20	43	-22.80
QPSK	Mid	38.500	100	2	1/33	16.30	43	-26.70
QPSK	Mid	38.500	100	2	66/0	21.23	43	-21.77
QPSK	High	39.850	100	2	66/0	22.08	43	-20.92

8.3. BAND EDGE EMISSIONS

RULE PART(S)

FCC: §2.1051, §30.203

LIMITS

30.203 (a) - The conductive power or the total radiated power of any emission outside a licensee's frequency block shall be −13 dBm/MHz or lower. However, in the bands immediately outside and adjacent to the licensee's frequency block, having a bandwidth equal to 10 percent of the channel bandwidth, the conductive power or the total radiated power of any emission shall be −5 dBm/MHz or lower.

TEST PROCEDURE

- RBW = 1 MHz
- VBW ≥ 3 x RBW
- Number of measurement points in sweep > 2 x span / RBW
- Sweep time = auto-couple
- Detector = RMS
- Trace mode = Average

KDB 842590 D01 Upper Microwave Flexible Use Service v01 Section 4.2
ANSI C63.26-2015 Clause 5.2, Clause 5.5, Clause 6.4, and Annex C.5.2

Band Edge measurements of variable frequency bands were performed at the far field test distance listed on Section 5.

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

Sample calculation of EIRP:

Total Correction Factor = Cable Loss (dB) – Horn Ant Gain (dBi) + Path Loss (dB)
= 4 – 23 + 71
= 52 dB

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

In order to properly display of signal level on the plots, the pre-loaded correction factors were intentional lowered by 40 dB and an offset factor of 40 dB was applied on spectrum analyzer to compensate the true correction factors across the frequency range of measurement.

BPSK, QPSK, 16QAM and 64QAM modulations were all investigated in SISO-Dual mode on all 3 antennas, since the highest band edge emissions were for the SISO-Dual antenna configuration, consistent with this also being the configuration with the highest EIRP. The SISO-Dual mode was, therefore, used for the final band-edge measurements to represent

worse case of both SISO-Dual and SISO modes. Additional measurements were made with QPSK modulation on the MIMO mode as it has a wider bandwidth than the SISO-Dual mode. For Ant M0, only QPSK modulation in SISO-Dual mode of each channel bandwidth is investigated to verify the lower band edge emission level, comparing to Ant M1. Single RB (highest power) and Full RB allocations were measured.

Band edge measurements for multi-carrier (2CC) operations with Single RB and Full RB allocations were investigated in each carrier in the (50 MHz + 50 MHz) and (100 MHz + 100 MHz) modes. Note that inter-modulation products which can be seen in the band edge plots are evaluated as part of the radiated spurious emission measurements.

To minimize report size, the plots of worst case SISO-Dual, QPSK with both CCs and channel bandwidths on Ant M1 are provided to demonstrate the test parameter setting on signal analyzer. The tabular data includes data for the BPSK, 16QAM and 64QAM modulations.

RESULTS

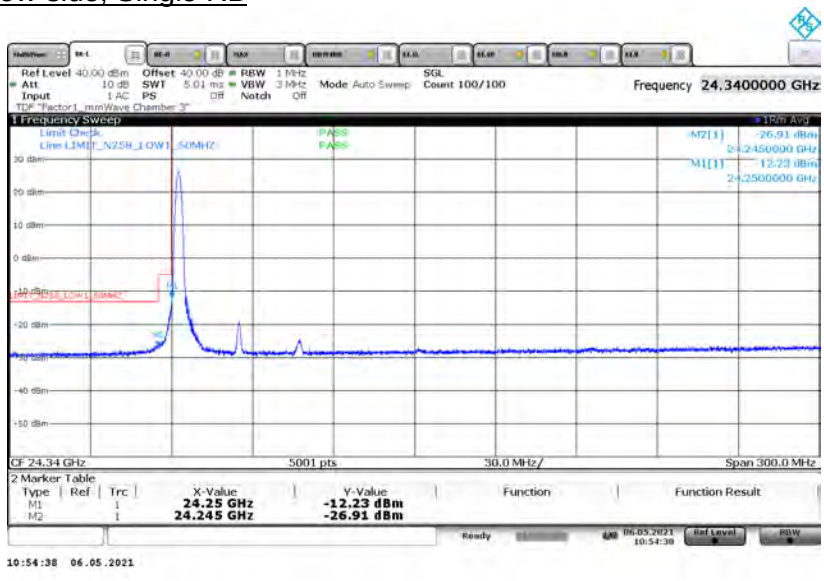
See the following pages.

Employee IDs: 19470 & 19437
Test Date: 5/6/2021 – 5/18/2021
Test Locations: Chamber 3

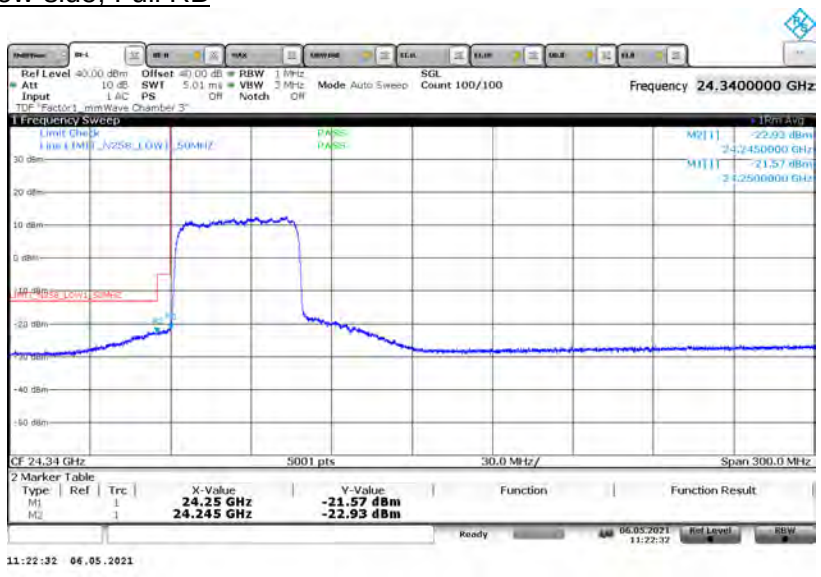
8.3.1. BAND EDGE n258 SB1 SISO-DUAL 1CC

ANT M1, 50 MHz, SISO-DUAL, 1CC, QPSK

Low-side, Single RB

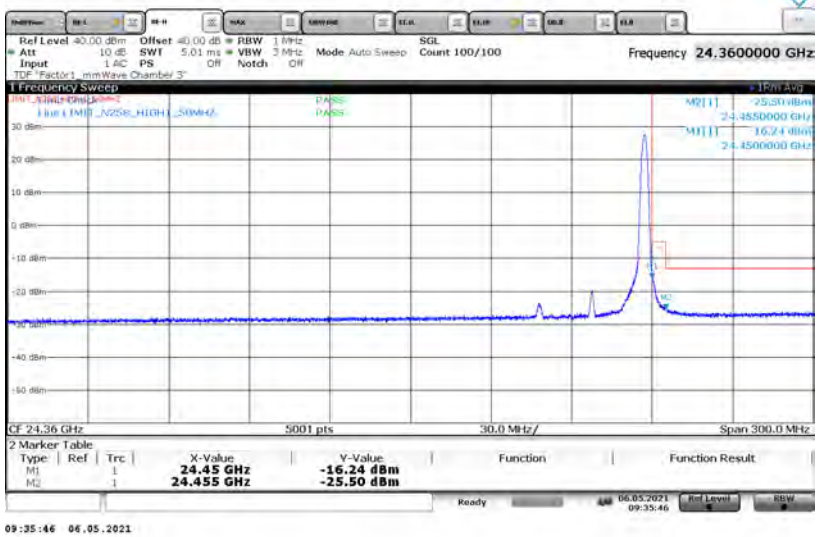


Low-side, Full RB

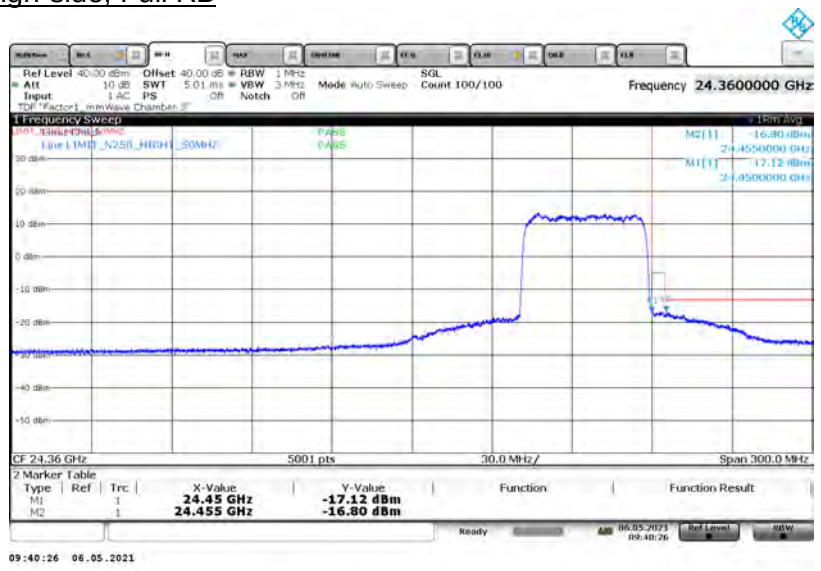


ANT M1, 50 MHz, SISO-DUAL, 1CC, QPSK

High-side, Single RB



High-side, Full RB



ANT M1, M0 & M2, 50 MHz, SISO-DUAL, 1CC, QPSK

Antenna	BW (MHz)	Channel	RB (Size Offset)	Freq. (GHz)	Avg EIRP (dBm)	Avg TRP Limit (dBm)	Margin (dB)
M1	50	L	1/0	24.25	-12.23	-5	-7.23
M1	50	L	1/0	24.245	-26.91	-13	-13.91
M0	50	L	1/0	24.25	-16.60	-5	-11.60
M0	50	L	1/0	24.245	-27.94	-13	-14.94
M2	50	L	1/0	24.25	-14.10	-5	-9.10
M2	50	L	1/0	24.245	-26.59	-13	-13.59
M1	50	L	32/0	24.25	-21.57	-5	-16.57
M1	50	L	32/0	24.245	-22.93	-13	-9.93
M0	50	L	32/0	24.25	-21.12	-5	-16.12
M0	50	L	32/0	24.245	-22.53	-13	-9.53
M2	50	L	32/0	24.25	-19.27	-5	-14.27
M2	50	L	32/0	24.245	-20.52	-13	-7.52
M1	50	H	1/31	24.45	-16.24	-5	-11.24
M1	50	H	1/31	24.455	-25.50	-13	-12.50
M0	50	H	1/31	24.45	-19.08	-5	-14.08
M0	50	H	1/31	24.455	-26.94	-13	-13.94
M2	50	H	1/31	24.45	-15.58	-5	-10.58
M2	50	H	1/31	24.455	-24.76	-13	-11.76
M1	50	H	32/0	24.45	-17.12	-5	-12.12
M1	50	H	32/0	24.455	-16.80	-13	-3.80
M0	50	H	32/0	24.45	-20.99	-5	-15.99
M0	50	H	32/0	24.455	-20.77	-13	-7.77
M2	50	H	32/0	24.45	-16.95	-5	-11.95
M2	50	H	32/0	24.455	-18.49	-13	-5.49

ANT M1 & M2, 50 MHz, SISO-DUAL, 1CC, BPSK

Antenna	BW (MHz)	Channel	RB (Size Offset)	Freq. (GHz)	Avg EIRP (dBm)	Avg TRP Limit (dBm)	Margin (dB)
M1	50	L	1/0	24.25	-15.01	-5	-10.01
M1	50	L	1/0	24.245	-26.05	-13	-13.05
M2	50	L	1/0	24.25	-14.75	-5	-9.75
M2	50	L	1/0	24.245	-26.11	-13	-13.11
M1	50	L	32/0	24.25	-21.99	-5	-16.99
M1	50	L	32/0	24.245	-25.93	-13	-12.93
M2	50	L	32/0	24.25	-22.99	-5	-17.99
M2	50	L	32/0	24.245	-25.54	-13	-12.54
M1	50	H	1/31	24.45	-15.75	-5	-10.75
M1	50	H	1/31	24.455	-25.44	-13	-12.44
M2	50	H	1/31	24.45	-16.86	-5	-11.86
M2	50	H	1/31	24.455	-25.15	-13	-12.15
M1	50	H	32/0	24.45	-19.86	-5	-14.86
M1	50	H	32/0	24.455	-23.69	-13	-10.69
M2	50	H	32/0	24.45	-20.25	-5	-15.25
M2	50	H	32/0	24.455	-23.38	-13	-10.38

ANT M1 & M2, 50 MHz, SISO-DUAL, 1CC, 16QAM

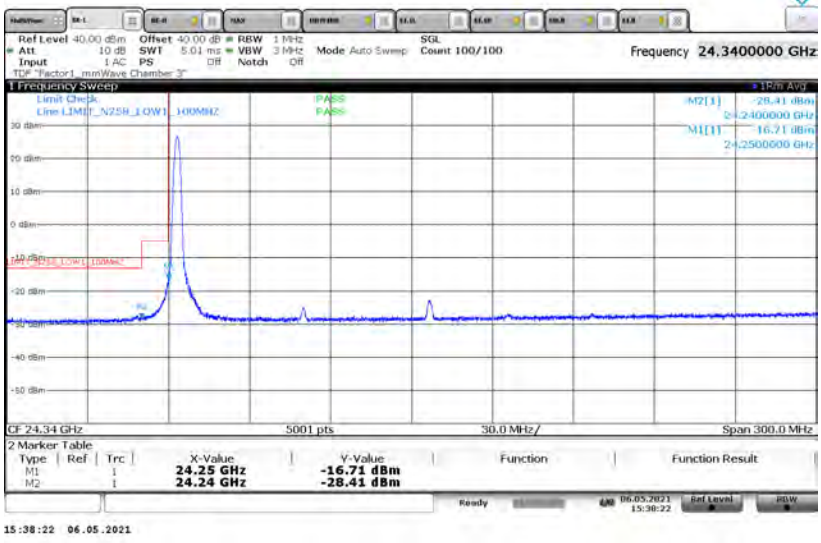
Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	50	L	1/0	24.25	-17.25	-5	-12.25
M1	50	L	1/0	24.245	-28.30	-13	-15.30
M2	50	L	1/0	24.25	-16.96	-5	-11.96
M2	50	L	1/0	24.245	-26.87	-13	-13.87
M1	50	L	32/0	24.25	-24.92	-5	-19.92
M1	50	L	32/0	24.245	-25.04	-13	-12.04
M2	50	L	32/0	24.25	-23.96	-5	-18.96
M2	50	L	32/0	24.245	-25.00	-13	-12.00
M1	50	H	1/31	24.45	-18.70	-5	-13.70
M1	50	H	1/31	24.455	-26.31	-13	-13.31
M2	50	H	1/31	24.45	-18.55	-5	-13.55
M2	50	H	1/31	24.455	-25.34	-13	-12.34
M1	50	H	32/0	24.45	-22.40	-5	-17.40
M1	50	H	32/0	24.455	-23.40	-13	-10.40
M2	50	H	32/0	24.45	-22.65	-5	-17.65
M2	50	H	32/0	24.455	-23.59	-13	-10.59

ANT M1 & M2, 50 MHz, SISO-DUAL, 1CC, 64QAM

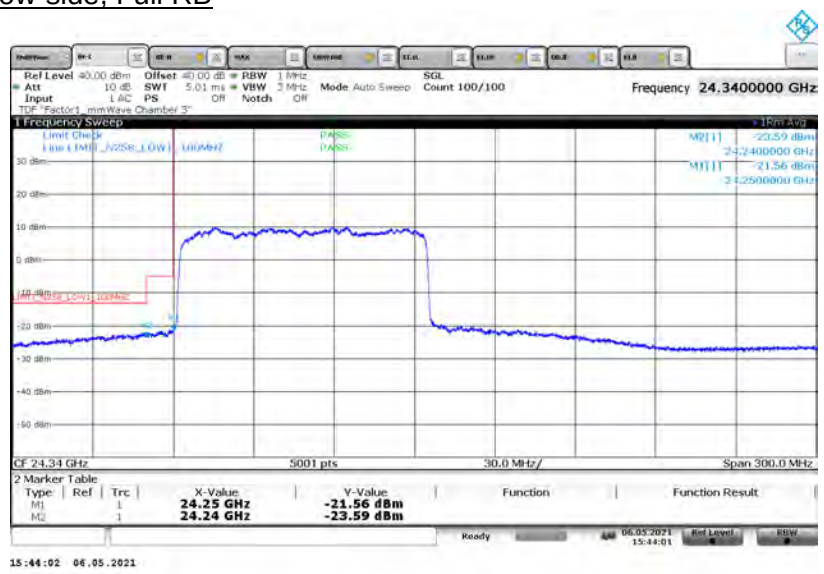
Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	50	L	1/0	24.25	-18.69	-5	-13.69
M1	50	L	1/0	24.245	-28.05	-13	-15.05
M2	50	L	1/0	24.25	-19.12	-5	-14.12
M2	50	L	1/0	24.245	-27.90	-13	-14.90
M1	50	L	32/0	24.25	-25.62	-5	-20.62
M1	50	L	32/0	24.245	-26.16	-13	-13.16
M2	50	L	32/0	24.25	-24.58	-5	-19.58
M2	50	L	32/0	24.245	-26.75	-13	-13.75
M1	50	H	1/31	24.45	-18.85	-5	-13.85
M1	50	H	1/31	24.455	-26.52	-13	-13.52
M2	50	H	1/31	24.45	-20.19	-5	-15.19
M2	50	H	1/31	24.455	-26.34	-13	-13.34
M1	50	H	32/0	24.45	-23.91	-5	-18.91
M1	50	H	32/0	24.455	-24.42	-13	-11.42
M2	50	H	32/0	24.45	-24.69	-5	-19.69
M2	50	H	32/0	24.455	-25.33	-13	-12.33

ANT M1, 100 MHz, SISO-DUAL, 1CC, QPSK

Low-side, Single RB

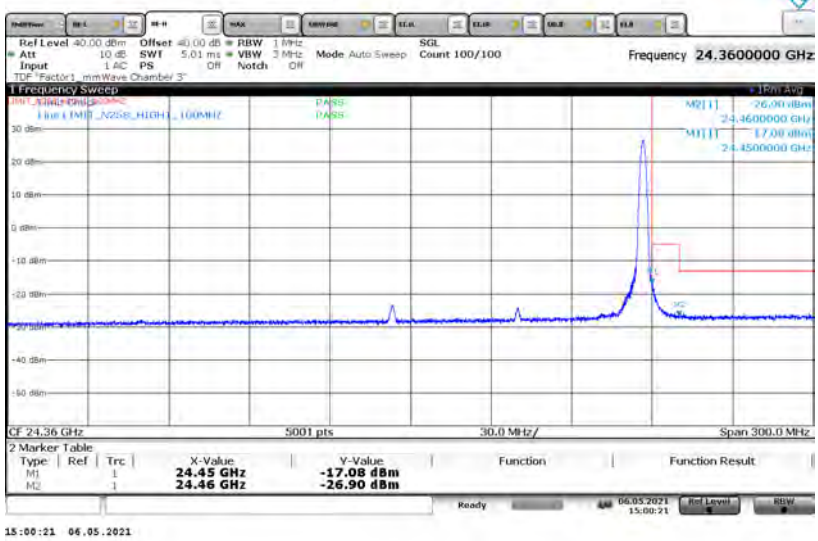


Low-side, Full RB

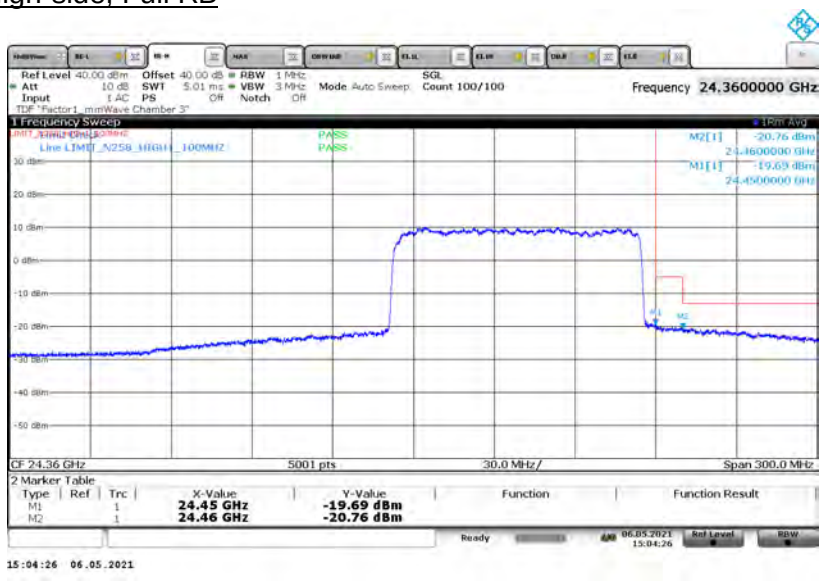


ANT M1, 100 MHz, SISO-DUAL, 1CC, QPSK

High-side, Single RB



High-side, Full RB



ANT M1, M0 & M2, 100 MHz, SISO-DUAL, 1CC, QPSK

Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	100	L	1/0	24.25	-16.71	-5	-11.71
M1	100	L	1/0	24.24	-28.41	-13	-15.41
M0	100	L	1/0	24.25	-20.86	-5	-15.86
M0	100	L	1/0	24.24	-28.40	-13	-15.40
M2	100	L	1/0	24.25	-16.67	-5	-11.67
M2	100	L	1/0	24.24	-28.28	-13	-15.28
M1	100	L	64/0	24.25	-21.56	-5	-16.56
M1	100	L	64/0	24.24	-23.59	-13	-10.59
M0	100	L	64/0	24.25	-24.38	-5	-19.38
M0	100	L	64/0	24.24	-25.14	-13	-12.14
M2	100	L	64/0	24.25	-21.39	-5	-16.39
M2	100	L	64/0	24.24	-22.32	-13	-9.32
M1	100	H	1/65	24.45	-17.08	-5	-12.08
M1	100	H	1/65	24.46	-26.90	-13	-13.90
M0	100	H	1/65	24.45	-21.01	-5	-16.01
M0	100	H	1/65	24.46	-27.52	-13	-14.52
M2	100	H	1/65	24.45	-20.29	-5	-15.29
M2	100	H	1/65	24.46	-26.42	-13	-13.42
M1	100	H	64/0	24.45	-19.69	-5	-14.69
M1	100	H	64/0	24.46	-20.76	-13	-7.76
M0	100	H	64/0	24.45	-22.35	-5	-17.35
M0	100	H	64/0	24.46	-23.59	-13	-10.59
M2	100	H	64/0	24.45	-20.74	-5	-15.74
M2	100	H	64/0	24.46	-21.01	-13	-8.01

ANT M1 & M2, 100 MHz, SISO-DUAL, 1CC, BPSK

Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	100	L	64/0	24.25	-24.02	-5	-19.02
M1	100	L	64/0	24.24	-26.91	-13	-13.91
M2	100	L	64/0	24.25	-24.41	-5	-19.41
M2	100	L	64/0	24.24	-26.64	-13	-13.64
M1	100	H	64/0	24.45	-23.94	-5	-18.94
M1	100	H	64/0	24.46	-25.45	-13	-12.45
M2	100	H	64/0	24.45	-23.10	-5	-18.10
M2	100	H	64/0	24.46	-25.89	-13	-12.89

ANT M1 & M2, 100 MHz, SISO-DUAL, 1CC, 16QAM

Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	100	L	64/0	24.25	-25.09	-5	-20.09
M1	100	L	64/0	24.24	-26.14	-13	-13.14
M2	100	L	64/0	24.25	-25.41	-5	-20.41
M2	100	L	64/0	24.24	-25.94	-13	-12.94
M1	100	H	64/0	24.45	-24.67	-5	-19.67
M1	100	H	64/0	24.46	-25.10	-13	-12.10
M2	100	H	64/0	24.45	-24.66	-5	-19.66
M2	100	H	64/0	24.46	-25.06	-13	-12.06

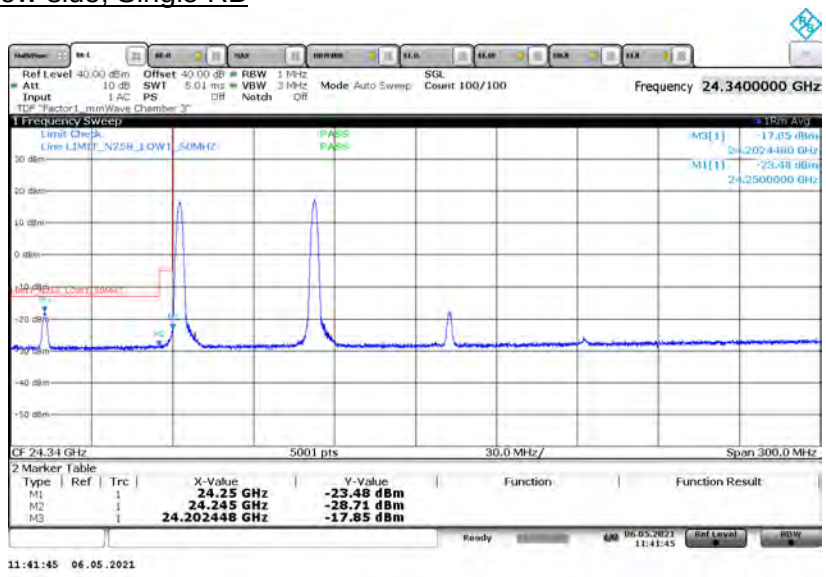
ANT M1 & M2, 100 MHz, SISO-DUAL, 1CC, 64QAM

Antenna	BW (MHz)	Channel	RB (Size Offset)	Freq. (GHz)	Avg EIRP (dBm)	Avg TRP Limit (dBm)	Margin (dB)
M1	100	L	64/0	24.25	-25.99	-5	-20.99
M1	100	L	64/0	24.24	-27.15	-13	-14.15
M2	100	L	64/0	24.25	-26.74	-5	-21.74
M2	100	L	64/0	24.24	-27.03	-13	-14.03
M1	100	H	64/0	24.45	-25.47	-5	-20.47
M1	100	H	64/0	24.46	-25.89	-13	-12.89
M2	100	H	64/0	24.45	-26.26	-5	-21.26
M2	100	H	64/0	24.46	-26.38	-13	-13.38

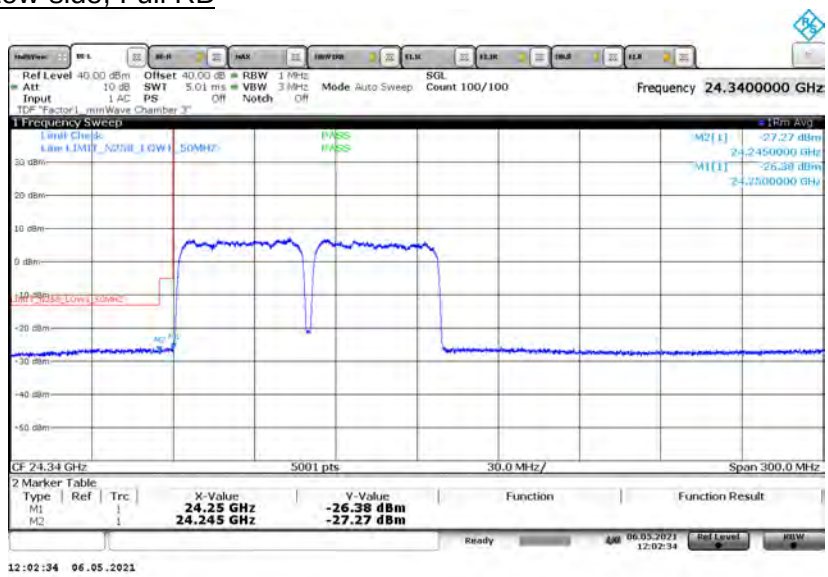
8.3.2. BAND EDGE n258 SB1 SISO-DUAL 2CC

ANT M1, 50 MHz, SISO-DUAL, 2CC, QPSK

Low-side, Single RB

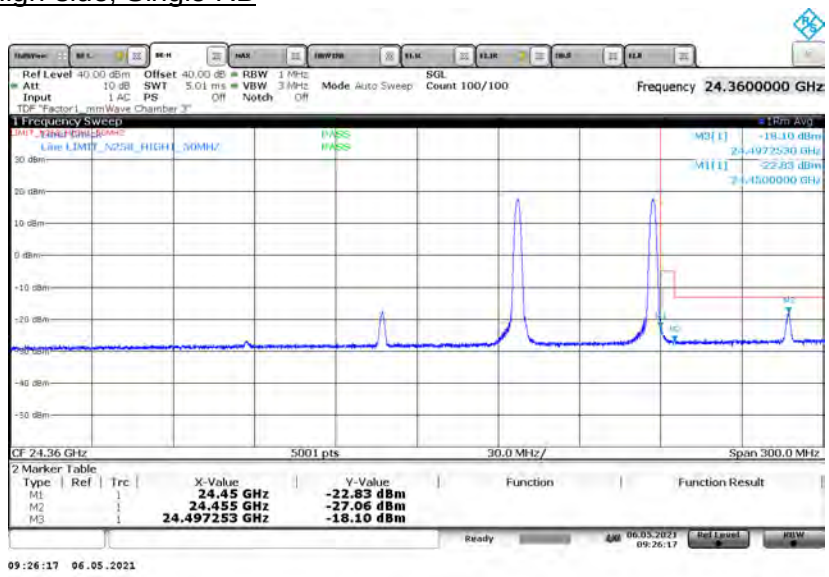


Low-side, Full RB

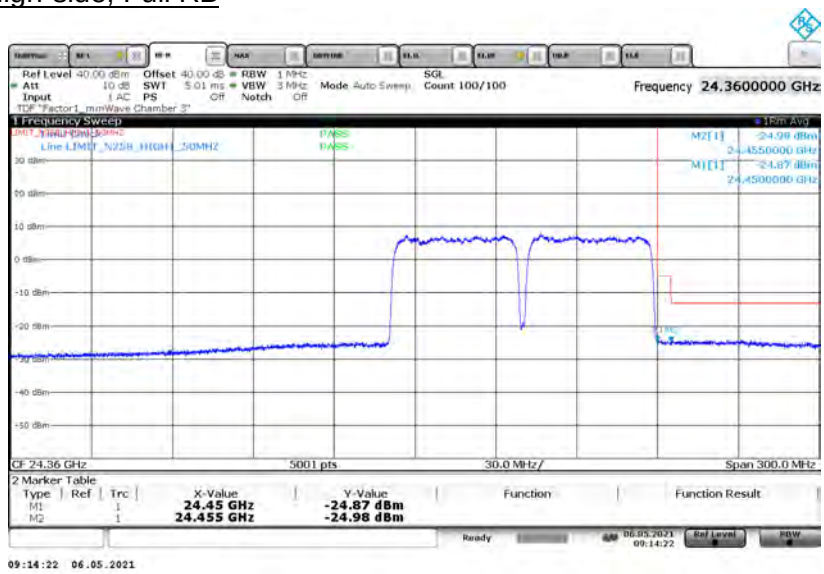


ANT M1, 50 MHz, SISO-DUAL, 2CC, QPSK

High-side, Single RB



High-side, Full RB



ANT M1, M0 & M2, 50 MHz, SISO-DUAL, 2CC, QPSK

Antenna	BW (MHz)	Channel	RB (Size Offset)	Freq. (GHz)	Avg EIRP (dBm)	Avg TRP Limit (dBm)	Margin (dB)
M1	50	L	1/0	24.25	-23.48	-5	-18.48
M1	50	L	1/0	24.245	-28.71	-13	-15.71
M0	50	L	1/0	24.25	-23.74	-5	-18.74
M0	50	L	1/0	24.245	-29.16	-13	-16.16
M2	50	L	1/0	24.25	-25.50	-5	-20.50
M2	50	L	1/0	24.245	-28.25	-13	-15.25
M1	50	L	32/0	24.25	-26.38	-5	-21.38
M1	50	L	32/0	24.245	-27.27	-13	-14.27
M0	50	L	32/0	24.25	-27.99	-5	-22.99
M0	50	L	32/0	24.245	-27.39	-13	-14.39
M2	50	L	32/0	24.25	-25.65	-5	-20.65
M2	50	L	32/0	24.245	-26.73	-13	-13.73
M1	50	H	1/31	24.45	-22.83	-5	-17.83
M1	50	H	1/31	24.455	-27.06	-13	-14.06
M0	50	H	1/31	24.45	-25.54	-5	-20.54
M0	50	H	1/31	24.455	-26.68	-13	-13.68
M2	50	H	1/31	24.45	-23.77	-5	-18.77
M2	50	H	1/31	24.455	-27.46	-13	-14.46
M1	50	H	32/0	24.45	-24.87	-5	-19.87
M1	50	H	32/0	24.455	-24.98	-13	-11.98
M0	50	H	32/0	24.45	-25.83	-5	-20.83
M0	50	H	32/0	24.455	-26.77	-13	-13.77
M2	50	H	32/0	24.45	-25.39	-5	-20.39
M2	50	H	32/0	24.455	-25.12	-13	-12.12

ANT M1 & M2, 50 MHz, SISO-DUAL, 2CC, BPSK

Antenna	BW (MHz)	Channel	RB (Size Offset)	Freq. (GHz)	Avg EIRP (dBm)	Avg TRP Limit (dBm)	Margin (dB)
M1	50	L	1/0	24.25	-21.89	-5	-16.89
M1	50	L	1/0	24.245	-28.62	-13	-15.62
M2	50	L	1/0	24.25	-24.67	-5	-19.67
M2	50	L	1/0	24.245	-28.37	-13	-15.37
M1	50	H	1/31	24.45	-21.96	-5	-16.96
M1	50	H	1/31	24.455	-27.57	-13	-14.57
M2	50	H	1/31	24.45	-24.55	-5	-19.55
M2	50	H	1/31	24.455	-26.79	-13	-13.79

ANT M1 & M2, 50 MHz, SISO-DUAL, 2CC, 16QAM

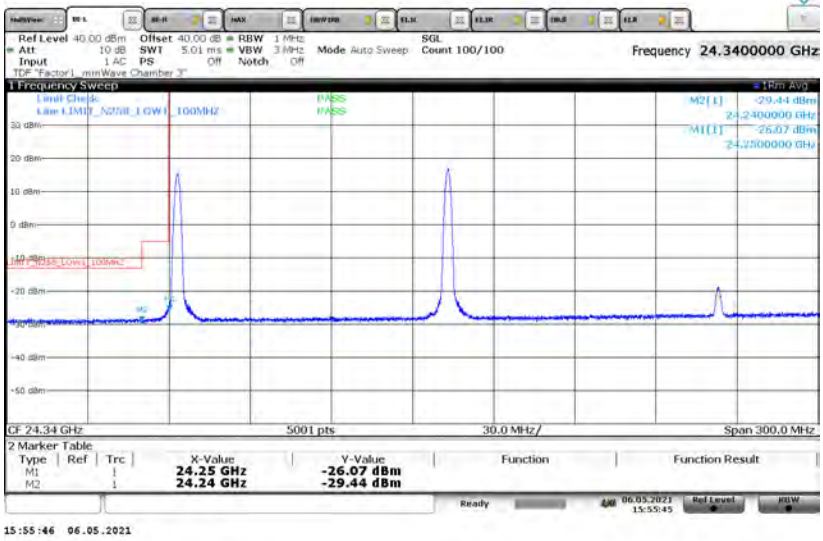
Antenna	BW (MHz)	Channel	RB (Size Offset)	Freq. (GHz)	Avg EIRP (dBm)	Avg TRP Limit (dBm)	Margin (dB)
M1	50	L	1/0	24.25	-23.21	-5	-18.21
M1	50	L	1/0	24.245	-28.39	-13	-15.39
M2	50	L	1/0	24.25	-24.87	-5	-19.87
M2	50	L	1/0	24.245	-28.97	-13	-15.97
M1	50	H	1/31	24.45	-23.19	-5	-18.19
M1	50	H	1/31	24.455	-27.01	-13	-14.01
M2	50	H	1/31	24.45	-24.86	-5	-19.86
M2	50	H	1/31	24.455	-27.36	-13	-14.36

ANT M1 & M2, 50 MHz, SISO-DUAL, 2CC, 64QAM

Antenna	BW (MHz)	Channel	RB (Size Offset)	Freq. (GHz)	Avg EIRP (dBm)	Avg TRP Limit (dBm)	Margin (dB)
M1	50	L	1/0	24.25	-23.93	-5	-18.93
M1	50	L	1/0	24.245	-29.08	-13	-16.08
M2	50	L	1/0	24.25	-24.67	-5	-19.67
M2	50	L	1/0	24.245	-28.78	-13	-15.78
M1	50	H	1/31	24.45	-24.13	-5	-19.13
M1	50	H	1/31	24.455	-27.29	-13	-14.29
M2	50	H	1/31	24.45	-25.16	-5	-20.16
M2	50	H	1/31	24.455	-27.78	-13	-14.78

ANT M1, 100 MHz, SISO-DUAL, 2CC, QPSK

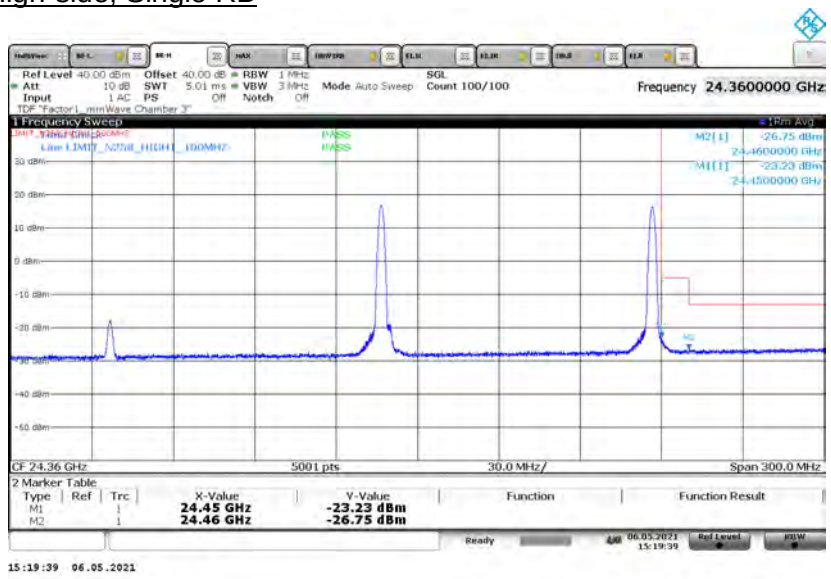
Low-side, Single RB



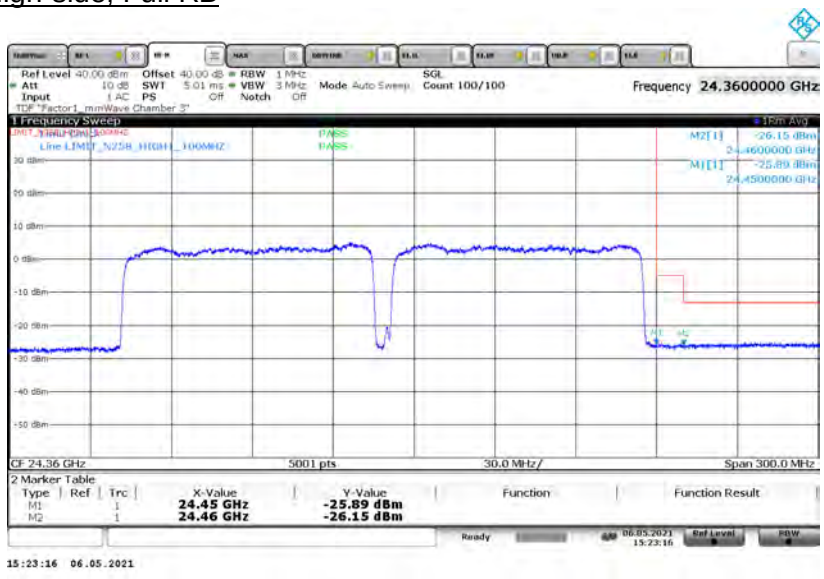
Low-side, Full RB

ANT M1, 100 MHz, SISO-DUAL, 2CC, QPSK

High-side, Single RB



High-side, Full RB



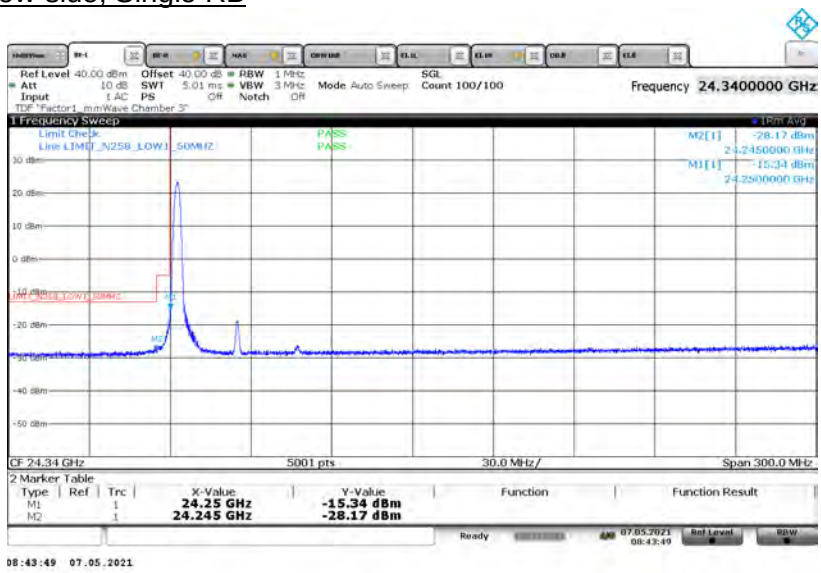
ANT M1, M0 & M2, 100 MHz, SISO-DUAL, 2CC, QPSK

Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	100	L	1/0	24.25	-26.07	-5	-21.07
M1	100	L	1/0	24.24	-29.44	-13	-16.44
M0	100	L	1/0	24.25	-26.36	-5	-21.36
M0	100	L	1/0	24.24	-28.57	-13	-15.57
M2	100	L	1/0	24.25	-24.80	-5	-19.80
M2	100	L	1/0	24.24	-29.04	-13	-16.04
M1	100	L = H	64/0	24.25	-26.46	-5	-21.46
M1	100	L = H	64/0	24.24	-27.34	-13	-14.34
M0	100	L = H	64/0	24.25	-28.12	-5	-23.12
M0	100	L = H	64/0	24.24	-27.71	-13	-14.71
M2	100	L = H	64/0	24.25	-26.07	-5	-21.07
M2	100	L = H	64/0	24.24	-26.60	-13	-13.60
M1	100	H	1/65	24.45	-23.23	-5	-18.23
M1	100	H	1/65	24.46	-26.75	-13	-13.75
M0	100	H	1/65	24.45	-24.86	-5	-19.86
M0	100	H	1/65	24.46	-27.14	-13	-14.14
M2	100	H	1/65	24.45	-24.12	-5	-19.12
M2	100	H	1/65	24.46	-26.85	-13	-13.85
M1	100	L = H	64/0	24.45	-25.89	-5	-20.89
M1	100	L = H	64/0	24.46	-26.15	-13	-13.15
M0	100	L = H	64/0	24.45	-26.50	-5	-21.50
M0	100	L = H	64/0	24.46	-26.62	-13	-13.62
M2	100	L = H	64/0	24.45	-26.49	-5	-21.49
M2	100	L = H	64/0	24.46	-26.35	-13	-13.35

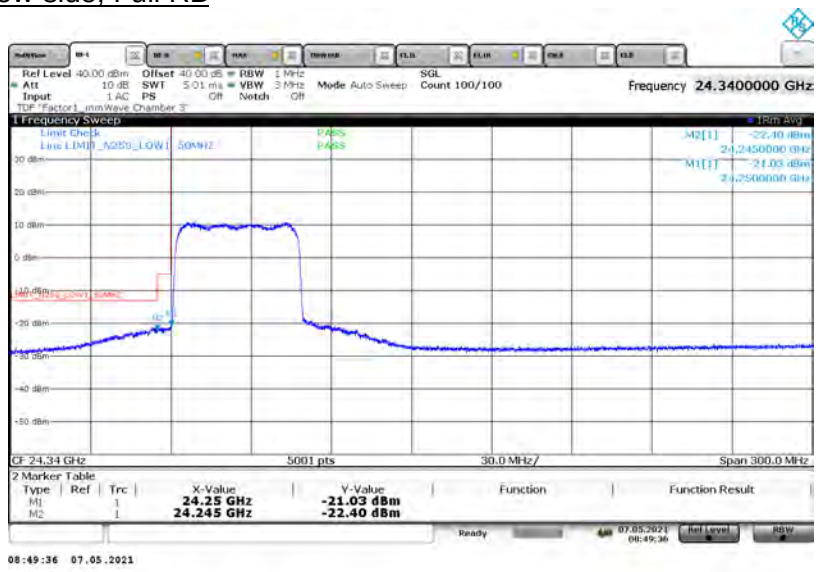
8.3.3. BAND EDGE n258 SB1 MIMO 1CC

ANT M1, 50 MHz, MIMO, 1CC, QPSK

Low-side, Single RB

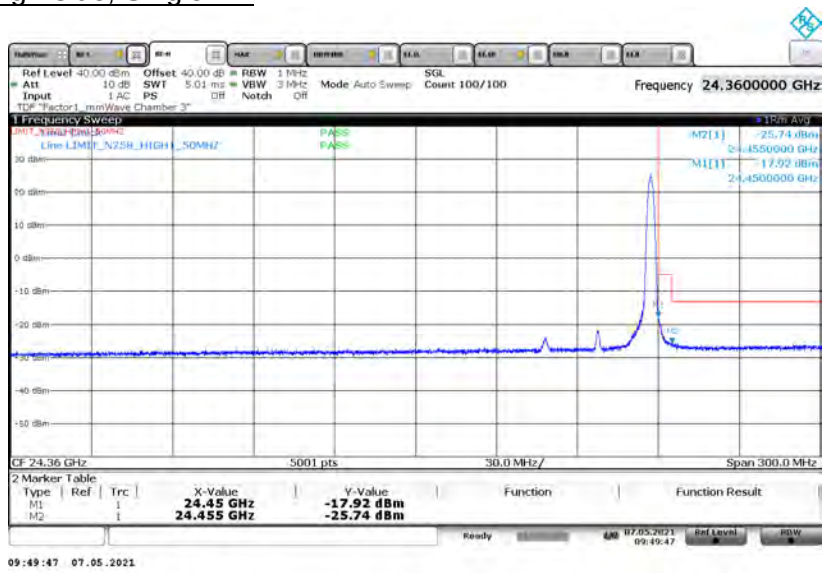


Low-side, Full RB

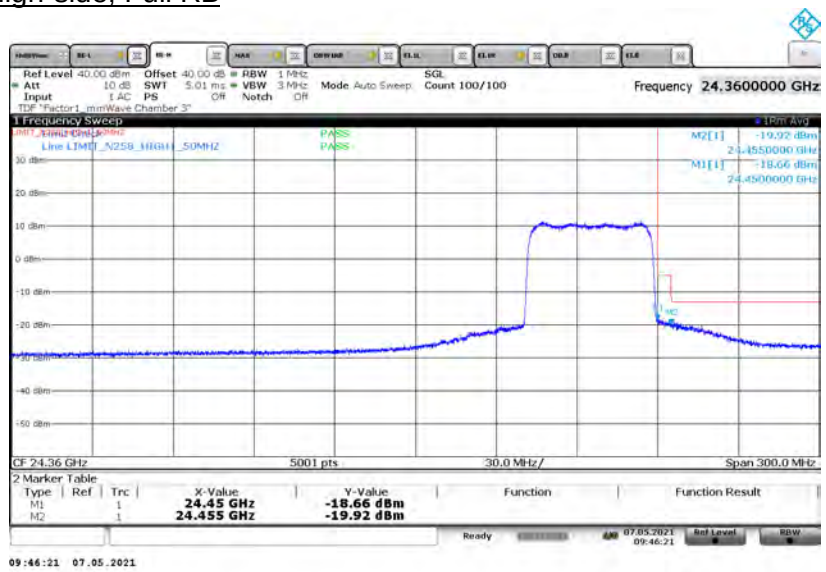


ANT M1, 50 MHz, MIMO, 1CC, QPSK

High-side, Single RB



High-side, Full RB

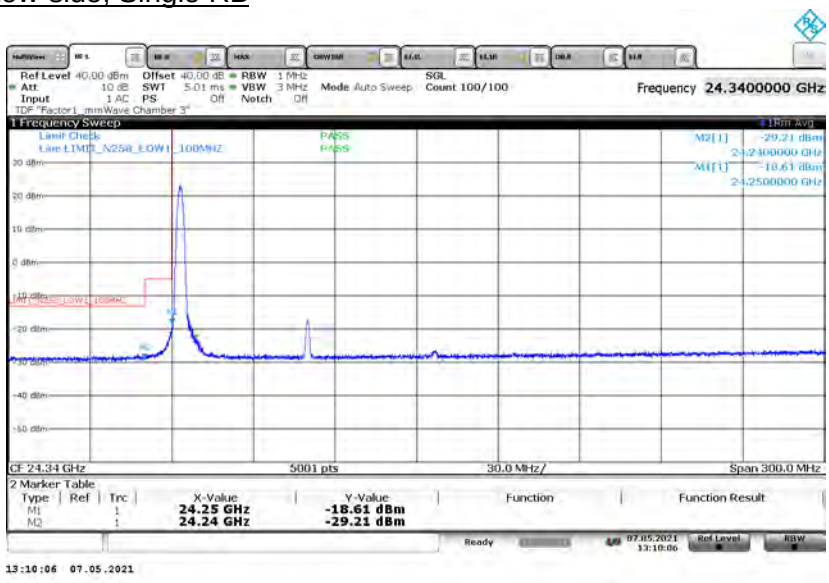


ANT M1, M0 & M2, 50 MHz, MIMO, 1CC, QPSK

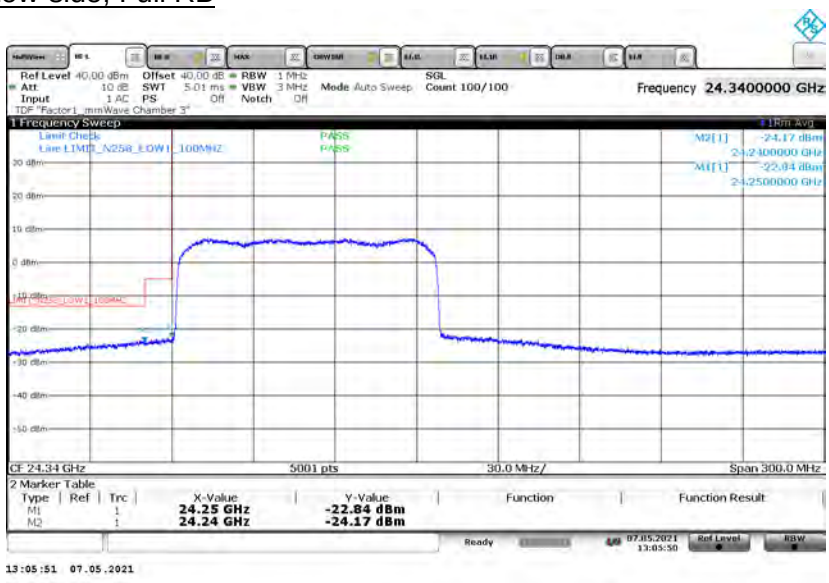
Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	50	L	1/0	24.25	-15.34	-5	-10.34
M1	50	L	1/0	24.245	-28.17	-13	-15.17
M0	50	L	1/0	24.25	-20.40	-5	-15.40
M0	50	L	1/0	24.245	-28.34	-13	-15.34
M2	50	L	1/0	24.25	-17.08	-5	-12.08
M2	50	L	1/0	24.245	-27.09	-13	-14.09
M1	50	L	32/0	24.25	-21.03	-5	-16.03
M1	50	L	32/0	24.245	-22.40	-13	-9.40
M0	50	L	32/0	24.25	-23.72	-5	-18.72
M0	50	L	32/0	24.245	-25.21	-13	-12.21
M2	50	L	32/0	24.25	-21.51	-5	-16.51
M2	50	L	32/0	24.245	-22.73	-13	-9.73
M1	50	H	1/31	24.45	-17.92	-5	-12.92
M1	50	H	1/31	24.455	-25.74	-13	-12.74
M0	50	H	1/31	24.45	-21.28	-5	-16.28
M0	50	H	1/31	24.455	-27.00	-13	-14.00
M2	50	H	1/31	24.45	-18.80	-5	-13.80
M2	50	H	1/31	24.455	-25.41	-13	-12.41
M1	50	H	32/0	24.45	-18.66	-5	-13.66
M1	50	H	32/0	24.455	-19.92	-13	-6.92
M0	50	H	32/0	24.45	-22.78	-5	-17.78
M0	50	H	32/0	24.455	-24.02	-13	-11.02
M2	50	H	32/0	24.45	-19.29	-5	-14.29
M2	50	H	32/0	24.455	-20.90	-13	-7.90

ANT M1, 100 MHz, MIMO, 1CC, QPSK

Low-side, Single RB

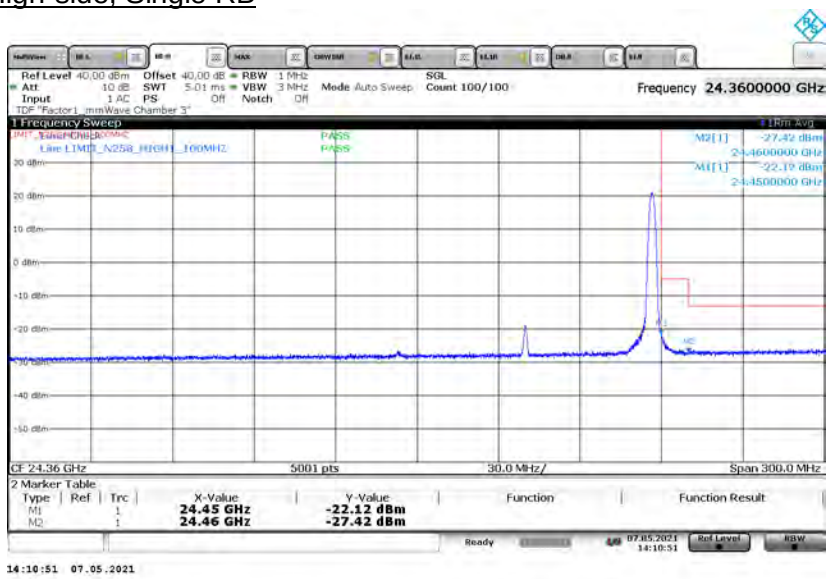


Low-side, Full RB

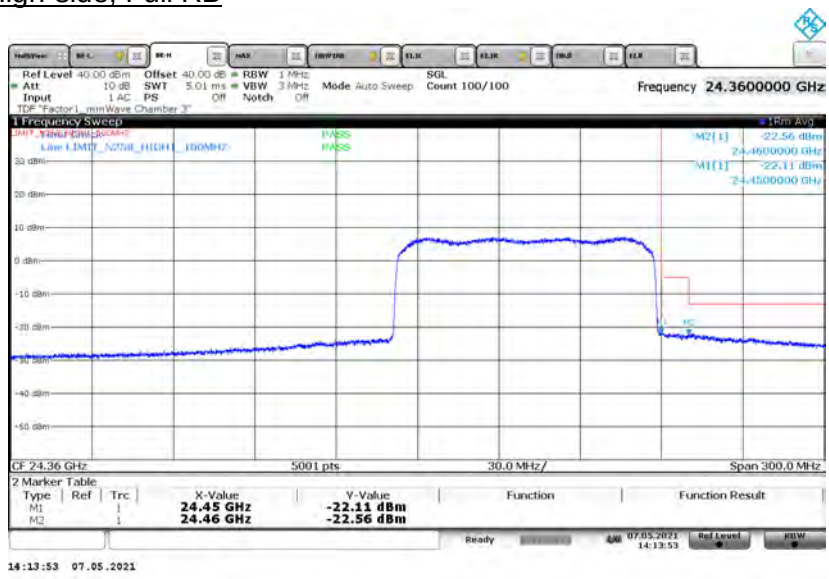


ANT M1, 100 MHz, MIMO, 1CC, QPSK

High-side, Single RB



High-side, Full RB



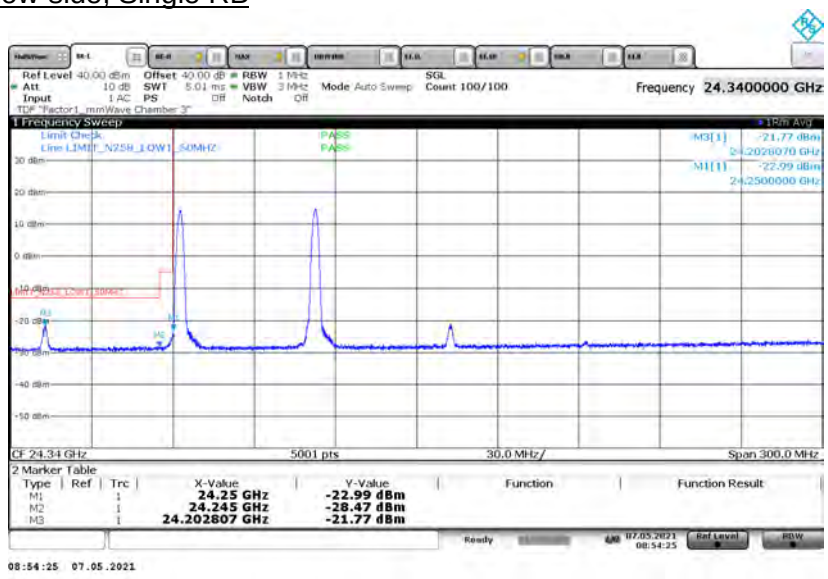
ANT M1, M0 & M2, 100 MHz, MIMO, 1CC, QPSK

Antenna	BW (MHz)	Channel	RB (Size Offset)	Freq. (GHz)	Avg EIRP (dBm)	Avg TRP Limit (dBm)	Margin (dB)
M1	100	L	1/0	24.25	-18.61	-5	-13.61
M1	100	L	1/0	24.24	-29.21	-13	-16.21
M0	100	L	1/0	24.25	-23.63	-5	-18.63
M0	100	L	1/0	24.24	-28.56	-13	-15.56
M2	100	L	1/0	24.25	-20.39	-5	-15.39
M2	100	L	1/0	24.24	-28.26	-13	-15.26
M1	100	L	66/0	24.25	-22.84	-5	-17.84
M1	100	L	66/0	24.24	-24.17	-13	-11.17
M0	100	L	66/0	24.25	-25.49	-5	-20.49
M0	100	L	66/0	24.24	-25.77	-13	-12.77
M2	100	L	66/0	24.25	-23.93	-5	-18.93
M2	100	L	66/0	24.24	-24.86	-13	-11.86
M1	100	H	1/65	24.45	-22.12	-5	-17.12
M1	100	H	1/65	24.46	-27.42	-13	-14.42
M0	100	H	1/65	24.45	-20.86	-5	-15.86
M0	100	H	1/65	24.46	-26.67	-13	-13.67
M2	100	H	1/65	24.45	-20.08	-5	-15.08
M2	100	H	1/65	24.46	-26.86	-13	-13.86
M1	100	H	66/0	24.45	-22.11	-5	-17.11
M1	100	H	66/0	24.46	-22.56	-13	-9.56
M0	100	H	66/0	24.45	-24.30	-5	-19.30
M0	100	H	66/0	24.46	-25.51	-13	-12.51
M2	100	H	66/0	24.45	-23.05	-5	-18.05
M2	100	H	66/0	24.46	-23.09	-13	-10.09

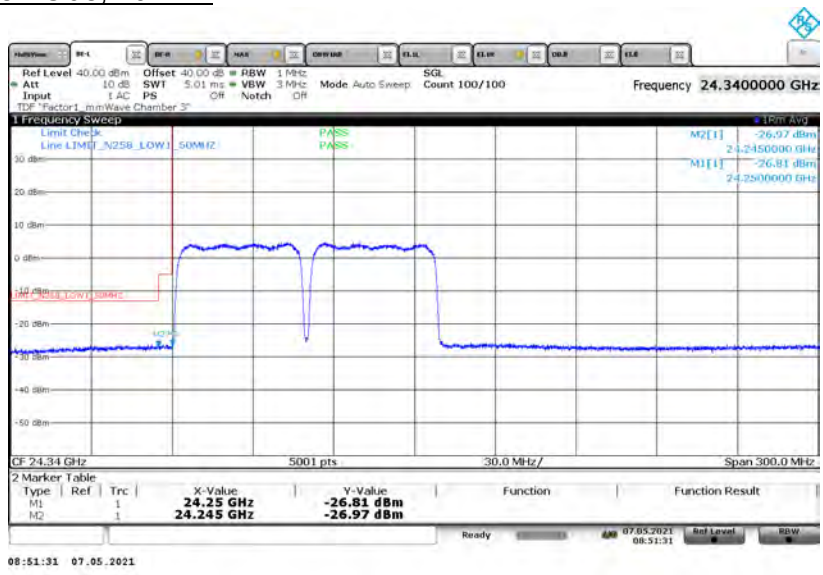
8.3.4. BAND EDGE n258 SB1 MIMO 2CC

ANT M1, 50 MHz, MIMO, 2CC, QPSK

Low-side, Single RB

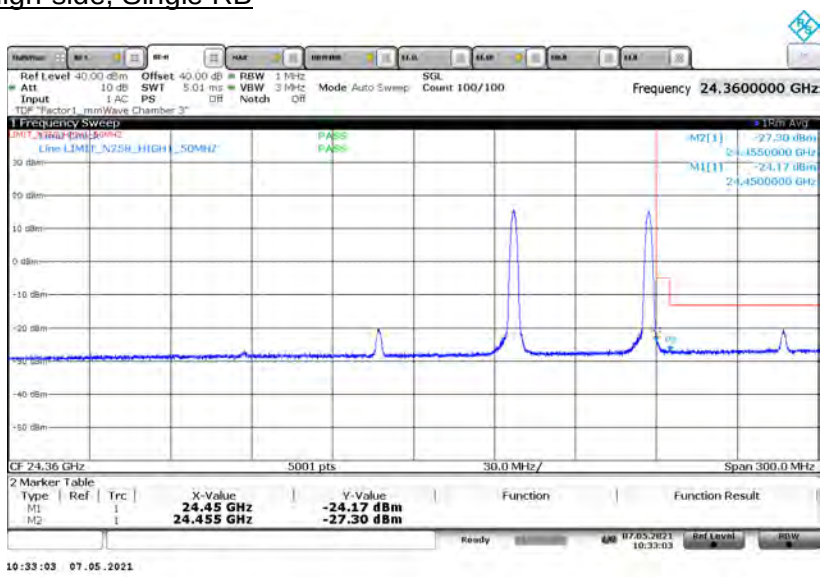


Low-side, Full RB

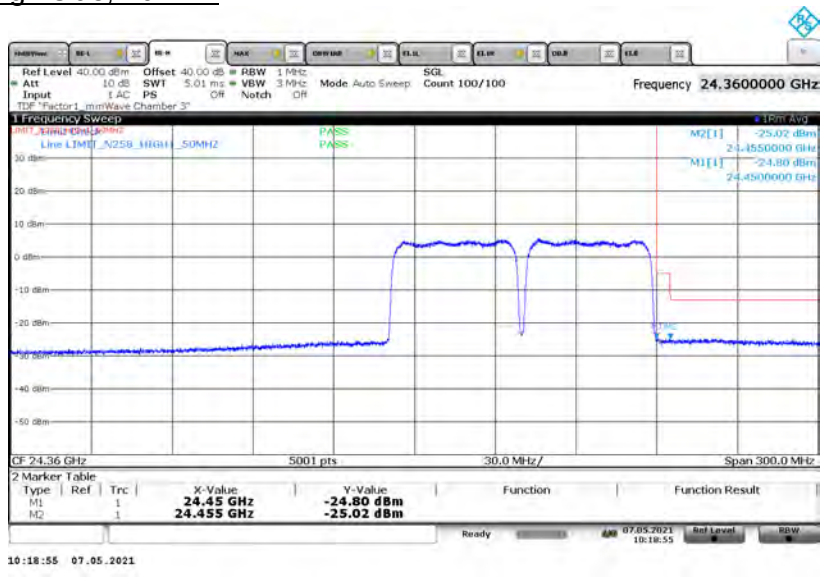


ANT M1, 50 MHz, MIMO, 2CC, QPSK

High-side, Single RB



High-side, Full RB

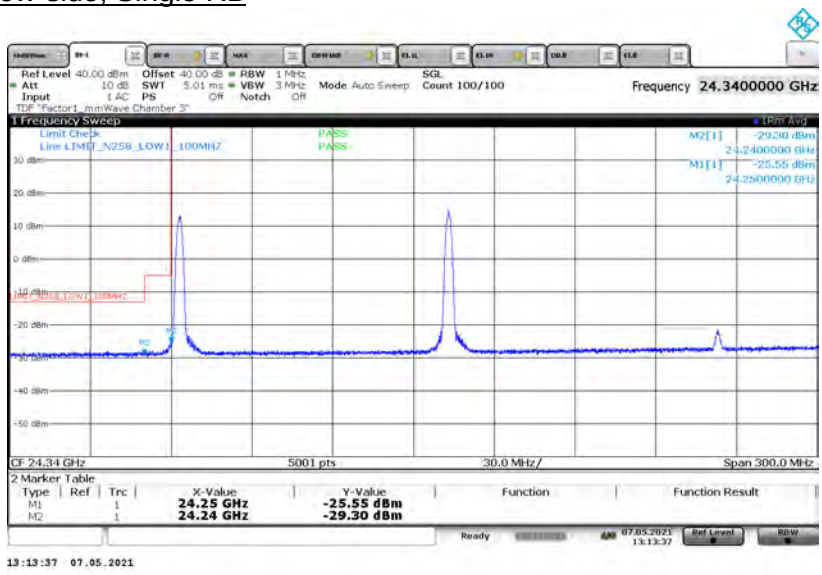


ANT M1, M0 & M2, 50 MHz, MIMO, 2CC, QPSK

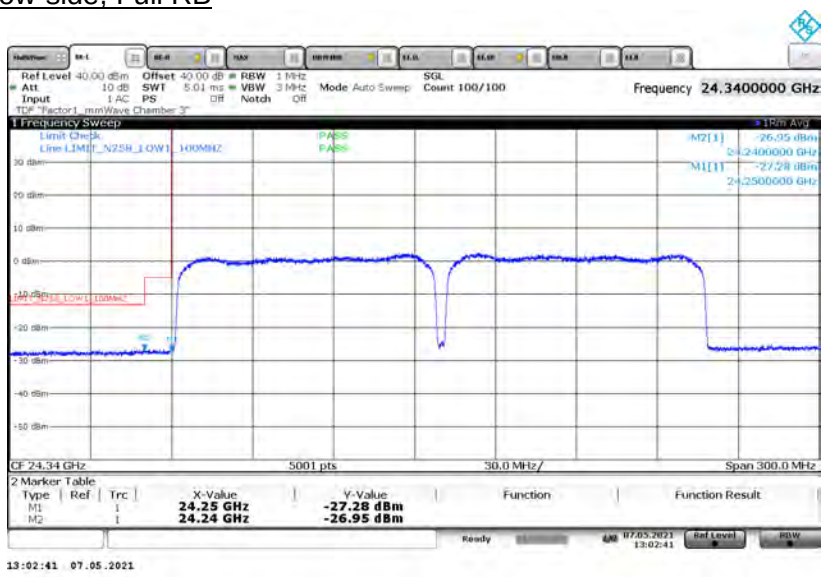
Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	50	L	1/0	24.25	-22.99	-5	-17.99
M1	50	L	1/0	24.245	-28.47	-13	-15.47
M0	50	L	1/0	24.25	-26.16	-5	-21.16
M0	50	L	1/0	24.245	-28.91	-13	-15.91
M2	50	L	1/0	24.25	-25.75	-5	-20.75
M2	50	L	1/0	24.245	-28.49	-13	-15.49
M1	50	L	32/0	24.25	-26.81	-5	-21.81
M1	50	L	32/0	24.245	-26.97	-13	-13.97
M0	50	L	32/0	24.25	-27.53	-5	-22.53
M0	50	L	32/0	24.245	-27.59	-13	-14.59
M2	50	L	32/0	24.25	-26.19	-5	-21.19
M2	50	L	32/0	24.245	-26.35	-13	-13.35
M1	50	H	1/31	24.45	-24.17	-5	-19.17
M1	50	H	1/31	24.455	-27.30	-13	-14.30
M0	50	H	1/31	24.45	-25.91	-5	-20.91
M0	50	H	1/31	24.455	-26.80	-13	-13.80
M2	50	H	1/31	24.45	-24.66	-5	-19.66
M2	50	H	1/31	24.455	-26.86	-13	-13.86
M1	50	H	32/0	24.45	-24.80	-5	-19.80
M1	50	H	32/0	24.455	-25.02	-13	-12.02
M0	50	H	32/0	24.45	-26.98	-5	-21.98
M0	50	H	32/0	24.455	-26.83	-13	-13.83
M2	50	H	32/0	24.45	-26.07	-5	-21.07
M2	50	H	32/0	24.455	-25.46	-13	-12.46

ANT M1, 100 MHz, MIMO, 2CC, QPSK

Low-side, Single RB

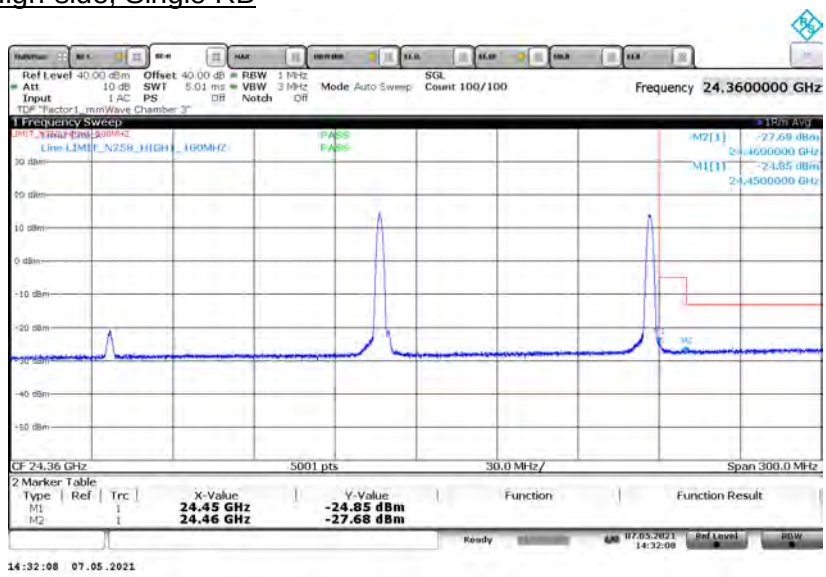


Low-side, Full RB

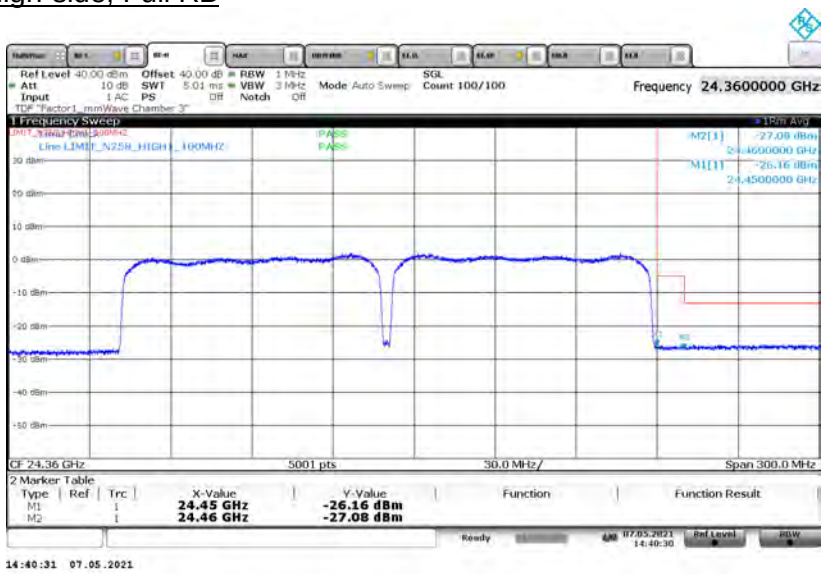


ANT M1, 100 MHz, MIMO, 2CC, QPSK

High-side, Single RB



High-side, Full RB



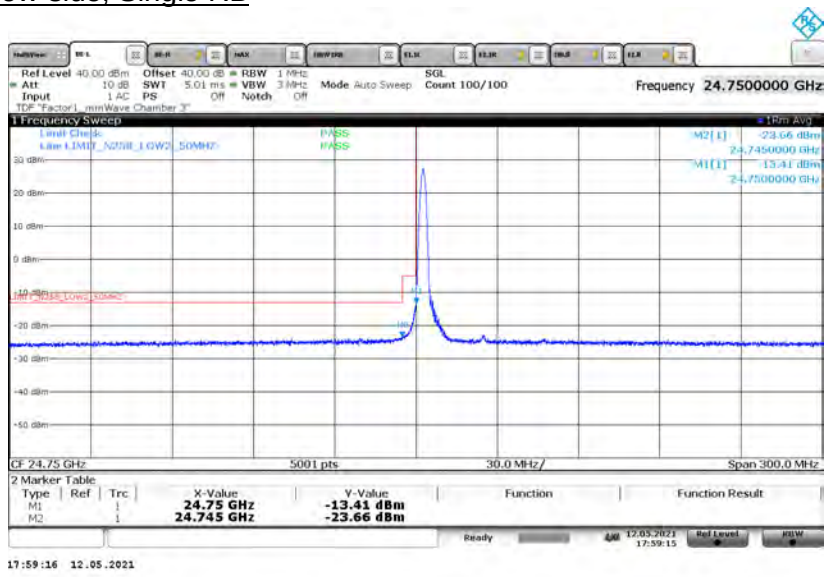
ANT M1, M0 & M2, 100 MHz, MIMO, 2CC, QPSK

Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	100	L	1/0	24.25	-25.55	-5	-20.55
M1	100	L	1/0	24.24	-29.30	-13	-16.30
M0	100	L	1/0	24.25	-26.76	-5	-21.76
M0	100	L	1/0	24.24	-28.27	-13	-15.27
M2	100	L	1/0	24.25	-24.50	-5	-19.50
M2	100	L	1/0	24.24	-29.12	-13	-16.12
M1	100	L = H	66/0	24.25	-27.28	-5	-22.28
M1	100	L = H	66/0	24.24	-26.95	-13	-13.95
M0	100	L = H	66/0	24.25	-28.57	-5	-23.57
M0	100	L = H	66/0	24.24	-28.37	-13	-15.37
M2	100	L = H	66/0	24.25	-26.99	-5	-21.99
M2	100	L = H	66/0	24.24	-27.62	-13	-14.62
M1	100	H	1/65	24.45	-24.85	-5	-19.85
M1	100	H	1/65	24.46	-27.68	-13	-14.68
M0	100	H	1/65	24.45	-25.49	-5	-20.49
M0	100	H	1/65	24.46	-27.25	-13	-14.25
M2	100	H	1/65	24.45	-24.21	-5	-19.21
M2	100	H	1/65	24.46	-27.47	-13	-14.47
M1	100	L = H	66/0	24.45	-26.16	-5	-21.16
M1	100	L = H	66/0	24.46	-27.08	-13	-14.08
M0	100	L = H	66/0	24.45	-26.99	-5	-21.99
M0	100	L = H	66/0	24.46	-26.39	-13	-13.39
M2	100	L = H	66/0	24.45	-26.47	-5	-21.47
M2	100	L = H	66/0	24.46	-26.96	-13	-13.96

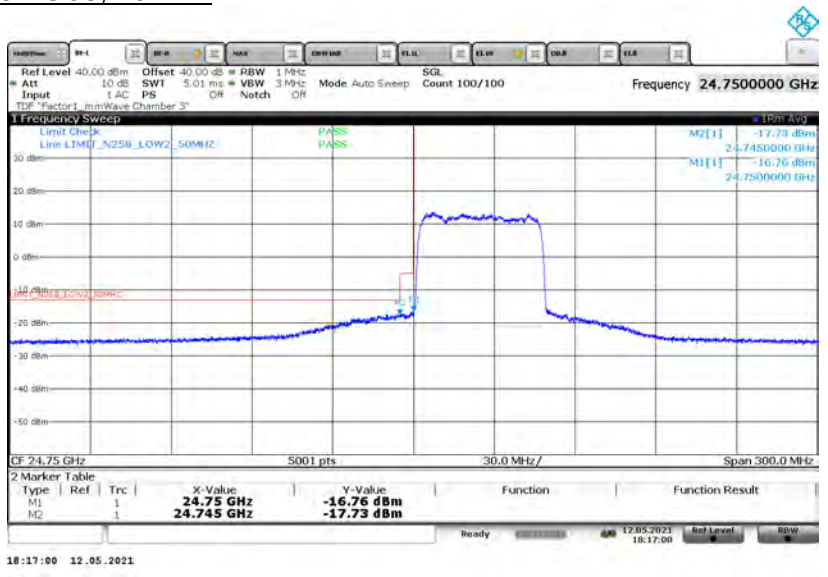
8.3.5. BAND EDGE n258 SB2 SISO-DUAL 1CC

ANT M1, 50 MHz, SISO-DUAL, 1CC, QPSK

Low-side, Single RB

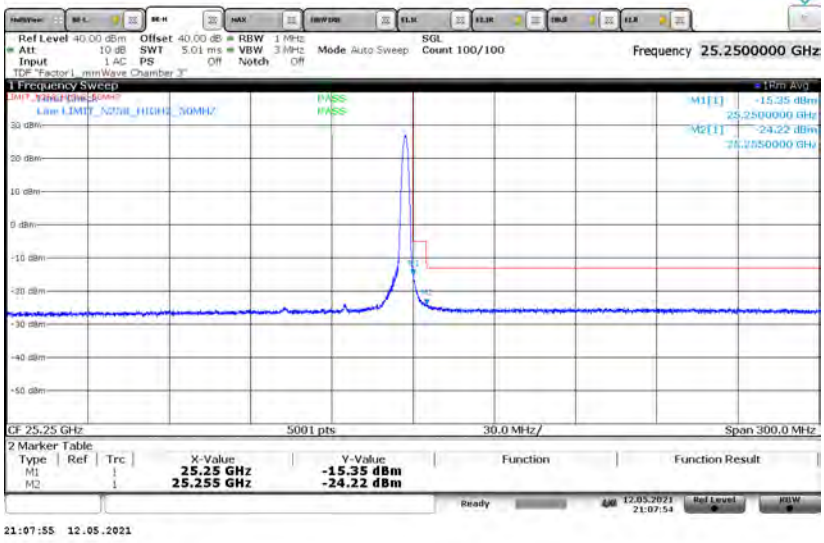


Low-side, Full RB

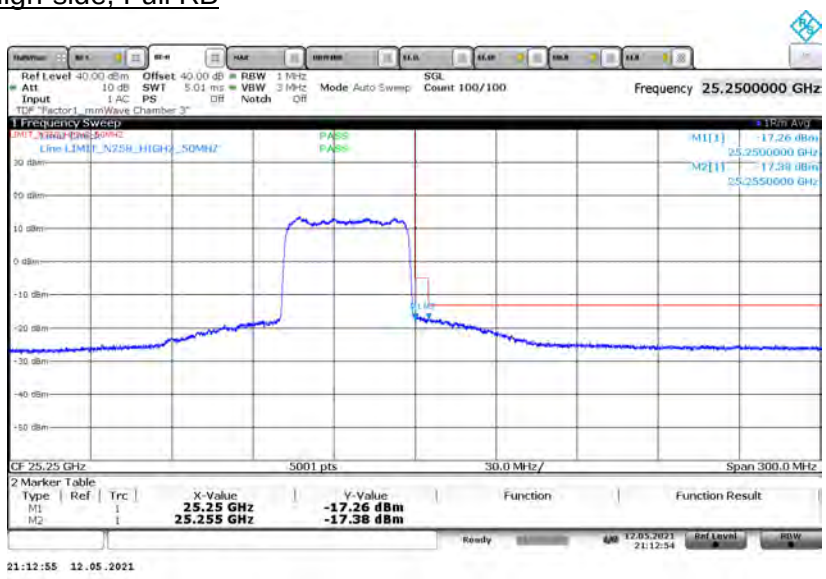


ANT M1, 50 MHz, SISO-DUAL, 1CC, QPSK

High-side, Single RB



High-side, Full RB



ANT M1, M0 & M2, 50 MHz, SISO-DUAL, 1CC, QPSK

Antenna	BW (MHz)	Channel	RB (Size Offset)	Freq. (GHz)	Avg EIRP (dBm)	Avg TRP Limit (dBm)	Margin (dB)
M1	50	L	1/0	24.75	-13.41	-5	-8.41
M1	50	L	1/0	24.745	-23.66	-13	-10.66
M0	50	L	1/0	24.75	-16.91	-5	-11.91
M0	50	L	1/0	24.745	-24.60	-13	-11.60
M2	50	L	1/0	24.75	-13.21	-5	-8.21
M2	50	L	1/0	24.745	-23.78	-13	-10.78
M1	50	L	32/0	24.75	-16.76	-5	-11.76
M1	50	L	32/0	24.745	-17.73	-13	-4.73
M0	50	L	32/0	24.75	-20.38	-5	-15.38
M0	50	L	32/0	24.745	-21.81	-13	-8.81
M2	50	L	32/0	24.75	-17.12	-5	-12.12
M2	50	L	32/0	24.745	-18.78	-13	-5.78
M1	50	H	1/31	25.25	-15.35	-5	-10.35
M1	50	H	1/31	25.255	-24.22	-13	-11.22
M0	50	H	1/31	25.25	-20.34	-5	-15.34
M0	50	H	1/31	25.255	-25.83	-13	-12.83
M2	50	H	1/31	25.25	-14.33	-5	-9.33
M2	50	H	1/31	25.255	-23.06	-13	-10.06
M1	50	H	32/0	25.25	-17.26	-5	-12.26
M1	50	H	32/0	25.255	-17.38	-13	-4.38
M0	50	H	32/0	25.25	-21.29	-5	-16.29
M0	50	H	32/0	25.255	-22.47	-13	-9.47
M2	50	H	32/0	25.25	-17.06	-5	-12.06
M2	50	H	32/0	25.255	-18.02	-13	-5.02

ANT M1 & M2, 50 MHz, SISO-DUAL, 1CC, BPSK

Antenna	BW (MHz)	Channel	RB (Size Offset)	Freq. (GHz)	Avg EIRP (dBm)	Avg TRP Limit (dBm)	Margin (dB)
M1	50	L	1/0	24.75	-11.95	-5	-6.95
M1	50	L	1/0	24.745	-23.98	-13	-10.98
M2	50	L	1/0	24.75	-12.94	-5	-7.94
M2	50	L	1/0	24.745	-24.20	-13	-11.20
M1	50	L	32/0	24.75	-19.94	-5	-14.94
M1	50	L	32/0	24.745	-22.54	-13	-9.54
M2	50	L	32/0	24.75	-19.86	-5	-14.86
M2	50	L	32/0	24.745	-21.91	-13	-8.91
M1	50	H	1/31	25.25	-14.51	-5	-9.51
M1	50	H	1/31	25.255	-24.08	-13	-11.08
M2	50	H	1/31	25.25	-14.63	-5	-9.63
M2	50	H	1/31	25.255	-23.29	-13	-10.29
M1	50	H	32/0	25.25	-20.11	-5	-15.11
M1	50	H	32/0	25.255	-22.83	-13	-9.83
M2	50	H	32/0	25.25	-19.14	-5	-14.14
M2	50	H	32/0	25.255	-22.07	-13	-9.07

ANT M1 & M2, 50 MHz, SISO-DUAL, 1CC, 16QAM

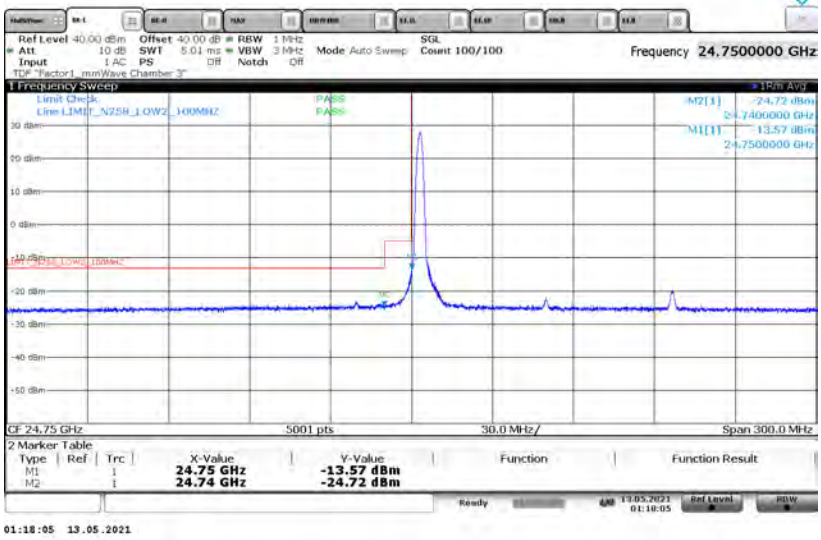
Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	50	L	1/0	24.75	-15.35	-5	-10.35
M1	50	L	1/0	24.745	-24.25	-13	-11.25
M2	50	L	1/0	24.75	-16.96	-5	-11.96
M2	50	L	1/0	24.745	-23.76	-13	-10.76
M1	50	L	32/0	24.75	-21.42	-5	-16.42
M1	50	L	32/0	24.745	-23.11	-13	-10.11
M2	50	L	32/0	24.75	-21.32	-5	-16.32
M2	50	L	32/0	24.745	-21.96	-13	-8.96
M1	50	H	1/31	25.25	-16.53	-5	-11.53
M1	50	H	1/31	25.255	-24.52	-13	-11.52
M2	50	H	1/31	25.25	-15.43	-5	-10.43
M2	50	H	1/31	25.255	-24.31	-13	-11.31
M1	50	H	32/0	25.25	-21.85	-5	-16.85
M1	50	H	32/0	25.255	-22.34	-13	-9.34
M2	50	H	32/0	25.25	-21.30	-5	-16.30
M2	50	H	32/0	25.255	-22.73	-13	-9.73

ANT M1 & M2, 50 MHz, SISO-DUAL, 1CC, 64QAM

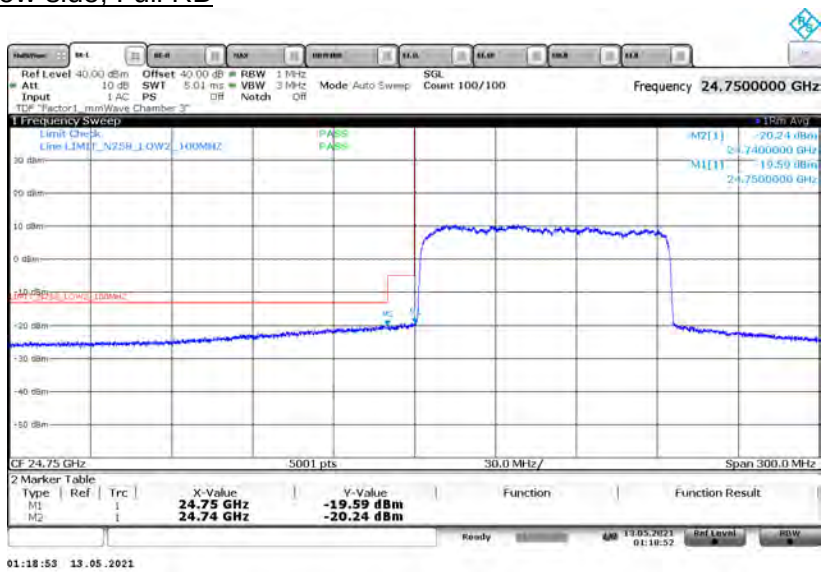
Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	50	L	1/0	24.75	-16.45	-5	-11.45
M1	50	L	1/0	24.745	-24.22	-13	-11.22
M2	50	L	1/0	24.75	-17.89	-5	-12.89
M2	50	L	1/0	24.745	-24.74	-13	-11.74
M1	50	L	32/0	24.75	-22.73	-5	-17.73
M1	50	L	32/0	24.745	-23.63	-13	-10.63
M2	50	L	32/0	24.75	-22.29	-5	-17.29
M2	50	L	32/0	24.745	-23.30	-13	-10.30
M1	50	H	1/31	25.25	-18.71	-5	-13.71
M1	50	H	1/31	25.255	-24.96	-13	-11.96
M2	50	H	1/31	25.25	-19.41	-5	-14.41
M2	50	H	1/31	25.255	-25.29	-13	-12.29
M1	50	H	32/0	25.25	-22.42	-5	-17.42
M1	50	H	32/0	25.255	-24.01	-13	-11.01
M2	50	H	32/0	25.25	-23.33	-5	-18.33
M2	50	H	32/0	25.255	-24.07	-13	-11.07

ANT M1, 100 MHz, SISO-DUAL, 1CC, QPSK

Low-side, Single RB

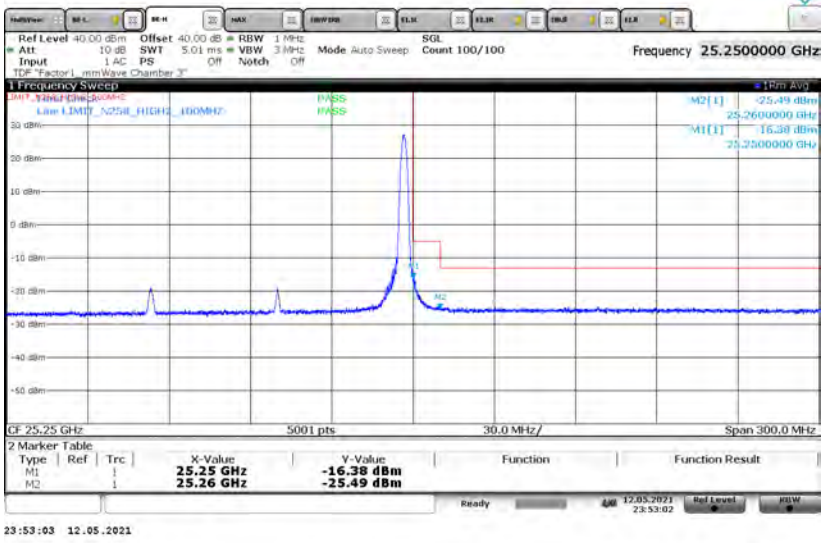


Low-side, Full RB

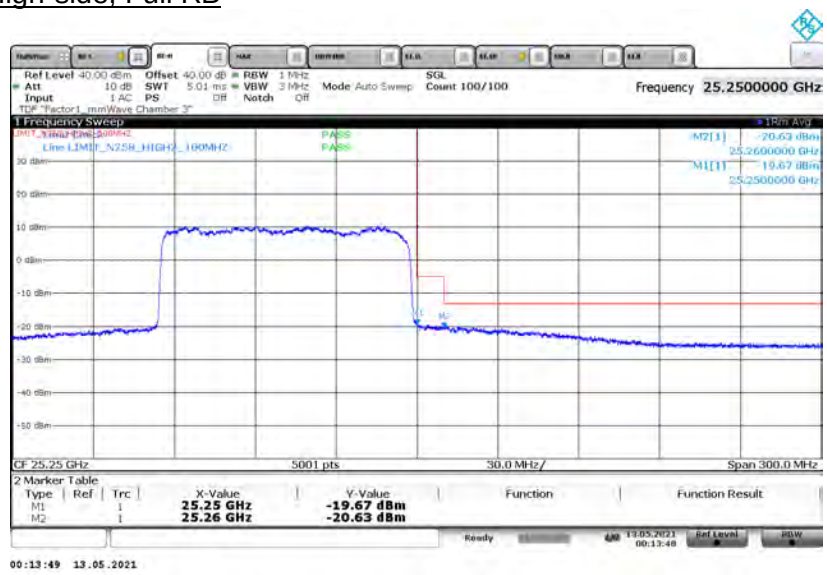


ANT M1, 100 MHz, SISO-DUAL, 1CC, QPSK

High-side, Single RB



High-side, Full RB



ANT M1, M0 & M2, 100 MHz, SISO-DUAL, 1CC, QPSK

Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	100	L	1/0	24.75	-13.57	-5	-8.57
M1	100	L	1/0	24.74	-24.72	-13	-11.72
M0	100	L	1/0	24.75	-18.28	-5	-13.28
M0	100	L	1/0	24.74	-25.06	-13	-12.06
M2	100	L	1/0	24.75	-15.23	-5	-10.23
M2	100	L	1/0	24.74	-24.27	-13	-11.27
M1	100	L	64/0	24.75	-19.59	-5	-14.59
M1	100	L	64/0	24.74	-20.24	-13	-7.24
M0	100	L	64/0	24.75	-22.62	-5	-17.62
M0	100	L	64/0	24.74	-22.91	-13	-9.91
M2	100	L	64/0	24.75	-20.90	-5	-15.90
M2	100	L	64/0	24.74	-21.07	-13	-8.07
M1	100	H	1/65	25.25	-16.38	-5	-11.38
M1	100	H	1/65	25.26	-25.49	-13	-12.49
M0	100	H	1/65	25.25	-20.01	-5	-15.01
M0	100	H	1/65	25.26	-26.05	-13	-13.05
M2	100	H	1/65	25.25	-15.84	-5	-10.84
M2	100	H	1/65	25.26	-25.35	-13	-12.35
M1	100	H	64/0	25.25	-19.67	-5	-14.67
M1	100	H	64/0	25.26	-20.63	-13	-7.63
M0	100	H	64/0	25.25	-23.05	-5	-18.05
M0	100	H	64/0	25.26	-23.98	-13	-10.98
M2	100	H	64/0	25.25	-20.23	-5	-15.23
M2	100	H	64/0	25.26	-20.70	-13	-7.70

ANT M1 & M2, 100 MHz, SISO-DUAL, 1CC, BPSK

Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	100	L	64/0	24.75	-22.74	-5	-17.74
M1	100	L	64/0	24.74	-24.89	-13	-11.89
M2	100	L	64/0	24.75	-21.78	-5	-16.78
M2	100	L	64/0	24.74	-24.48	-13	-11.48
M1	100	H	64/0	25.25	-21.80	-5	-16.80
M1	100	H	64/0	25.26	-24.64	-13	-11.64
M2	100	H	64/0	25.25	-22.96	-5	-17.96
M2	100	H	64/0	25.26	-25.03	-13	-12.03

ANT M1 & M2, 100 MHz, SISO-DUAL, 1CC, 16QAM

Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	100	L	64/0	24.75	-23.77	-5	-18.77
M1	100	L	64/0	24.74	-24.14	-13	-11.14
M2	100	L	64/0	24.75	-22.61	-5	-17.61
M2	100	L	64/0	24.74	-23.56	-13	-10.56
M1	100	H	64/0	25.25	-23.74	-5	-18.74
M1	100	H	64/0	25.26	-24.03	-13	-11.03
M2	100	H	64/0	25.25	-23.50	-5	-18.50
M2	100	H	64/0	25.26	-23.90	-13	-10.90

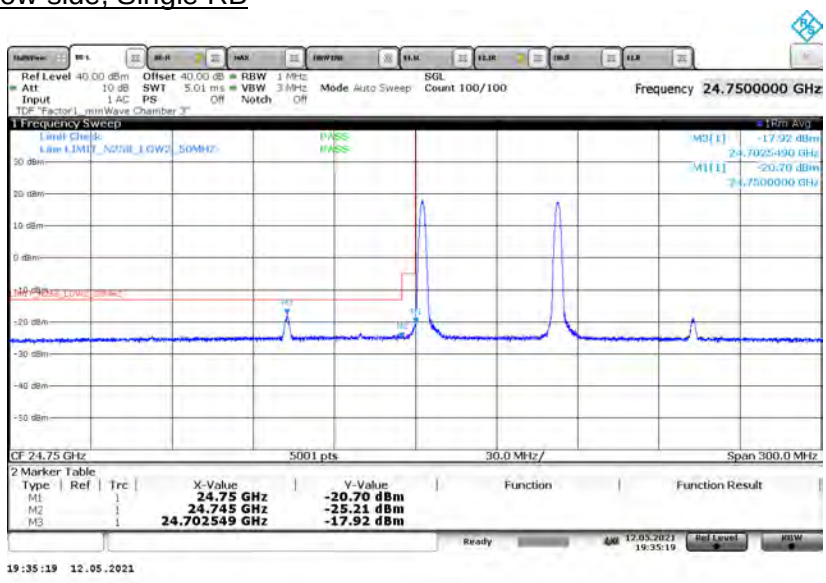
ANT M1 & M2, 100 MHz, SISO-DUAL, 1CC, 64QAM

Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	100	L	64/0	24.75	-23.51	-5	-18.51
M1	100	L	64/0	24.74	-24.21	-13	-11.21
M2	100	L	64/0	24.75	-23.69	-5	-18.69
M2	100	L	64/0	24.74	-24.17	-13	-11.17
M1	100	H	64/0	25.25	-24.96	-5	-19.96
M1	100	H	64/0	25.26	-24.76	-13	-11.76
M2	100	H	64/0	25.25	-24.49	-5	-19.49
M2	100	H	64/0	25.26	-24.90	-13	-11.90

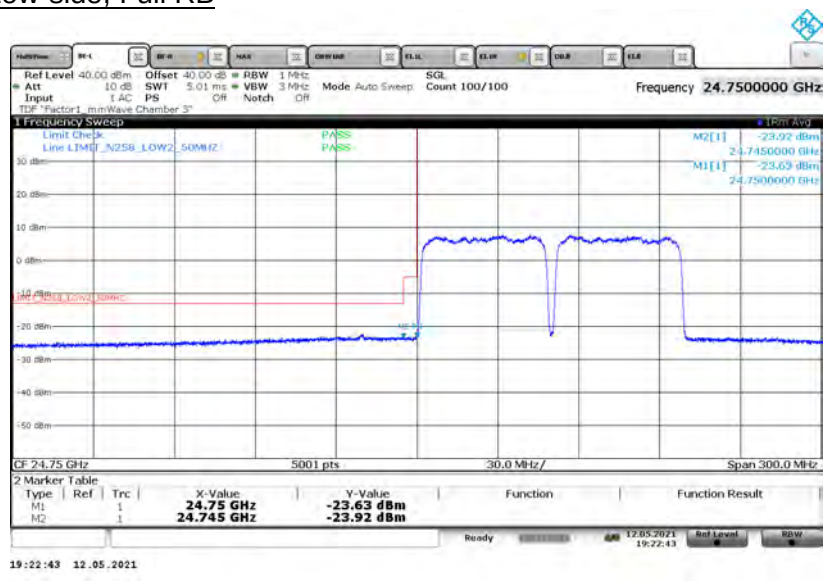
8.3.6. BAND EDGE n258 SB2 SISO-DUAL 2CC

ANT M1, 50 MHz, SISO-DUAL, 2CC, QPSK

Low-side, Single RB

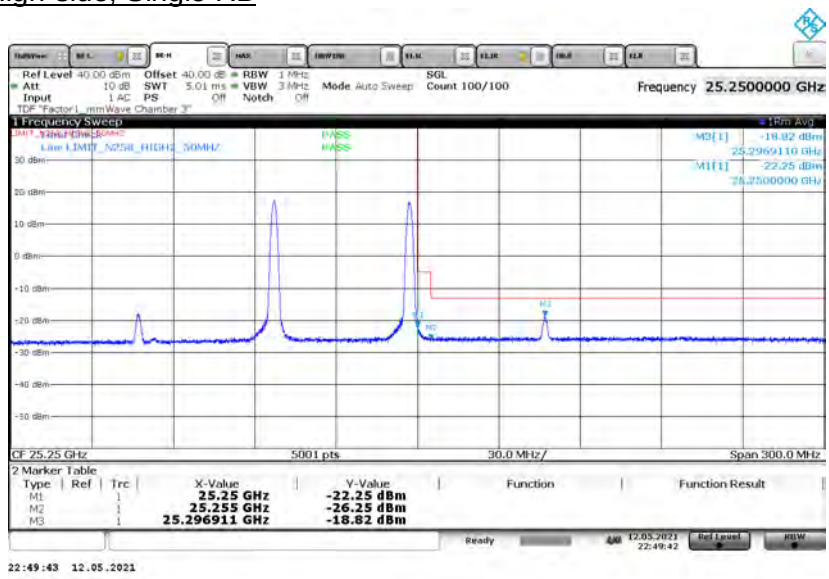


Low-side, Full RB

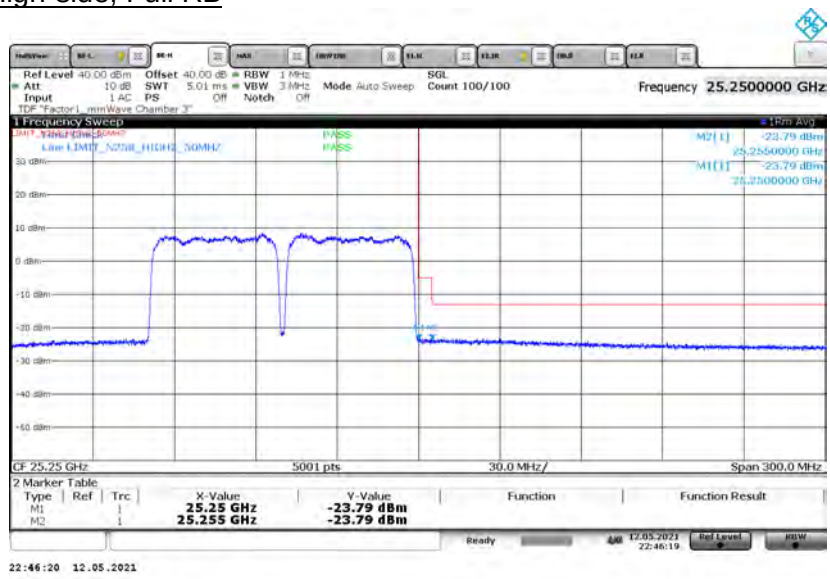


ANT M1, 50 MHz, SISO-DUAL, 2CC, QPSK

High-side, Single RB



High-side, Full RB



ANT M1, M0 & M2, 50 MHz, SISO-DUAL, 2CC, QPSK

Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	50	L	1/0	24.75	-20.70	-5	-15.70
M1	50	L	1/0	24.745	-25.21	-13	-12.21
M0	50	L	1/0	24.75	-21.81	-5	-16.81
M0	50	L	1/0	24.745	-25.32	-13	-12.32
M2	50	L	1/0	24.75	-19.47	-5	-14.47
M2	50	L	1/0	24.745	-24.48	-13	-11.48
M1	50	L	32/0	24.75	-23.63	-5	-18.63
M1	50	L	32/0	24.745	-23.92	-13	-10.92
M0	50	L	32/0	24.75	-24.41	-5	-19.41
M0	50	L	32/0	24.745	-25.16	-13	-12.16
M2	50	L	32/0	24.75	-23.35	-5	-18.35
M2	50	L	32/0	24.745	-23.07	-13	-10.07
M1	50	H	1/31	25.25	-22.25	-5	-17.25
M1	50	H	1/31	25.255	-26.25	-13	-13.25
M0	50	H	1/31	25.25	-24.02	-5	-19.02
M0	50	H	1/31	25.255	-25.60	-13	-12.60
M2	50	H	1/31	25.25	-21.04	-5	-16.04
M2	50	H	1/31	25.255	-25.55	-13	-12.55
M1	50	H	32/0	25.25	-23.79	-5	-18.79
M1	50	H	32/0	25.255	-23.79	-13	-10.79
M0	50	H	32/0	25.25	-25.09	-5	-20.09
M0	50	H	32/0	25.255	-26.08	-13	-13.08
M2	50	H	32/0	25.25	-23.57	-5	-18.57
M2	50	H	32/0	25.255	-24.02	-13	-11.02

ANT M1 & M2, 50 MHz, SISO-DUAL, 2CC, BPSK

Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	50	L	1/0	24.75	-21.01	-5	-16.01
M1	50	L	1/0	24.745	-25.30	-13	-12.30
M2	50	L	1/0	24.75	-20.08	-5	-15.08
M2	50	L	1/0	24.745	-24.71	-13	-11.71
M1	50	H	1/31	25.25	-21.98	-5	-16.98
M1	50	H	1/31	25.255	-25.67	-13	-12.67
M2	50	H	1/31	25.25	-22.42	-5	-17.42
M2	50	H	1/31	25.255	-26.15	-13	-13.15

ANT M1 & M2, 50 MHz, SISO-DUAL, 2CC, 16QAM

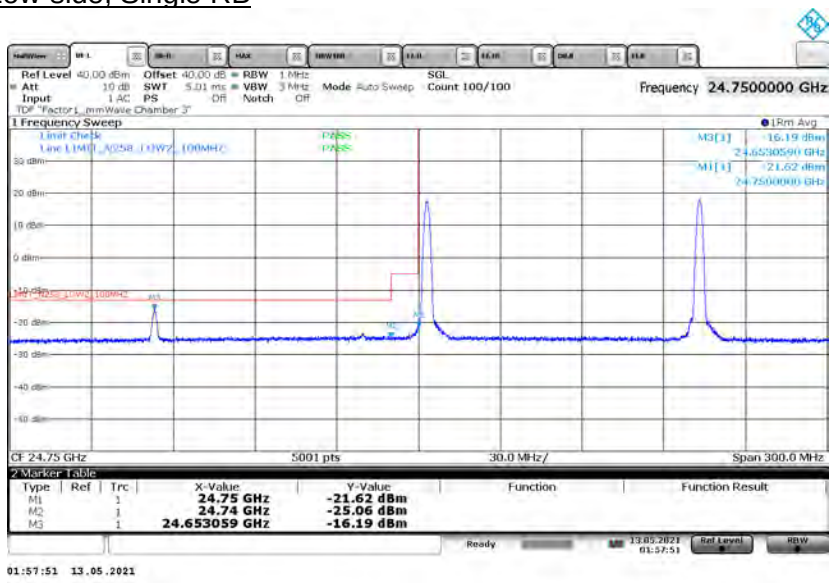
Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	50	L	1/0	24.75	-22.08	-5	-17.08
M1	50	L	1/0	24.745	-25.60	-13	-12.60
M2	50	L	1/0	24.75	-21.43	-5	-16.43
M2	50	L	1/0	24.745	-24.92	-13	-11.92
M1	50	H	1/31	25.25	-23.34	-5	-18.34
M1	50	H	1/31	25.255	-25.79	-13	-12.79
M2	50	H	1/31	25.25	-22.43	-5	-17.43
M2	50	H	1/31	25.255	-25.46	-13	-12.46

ANT M1 & M2, 50 MHz, SISO-DUAL, 2CC, 64QAM

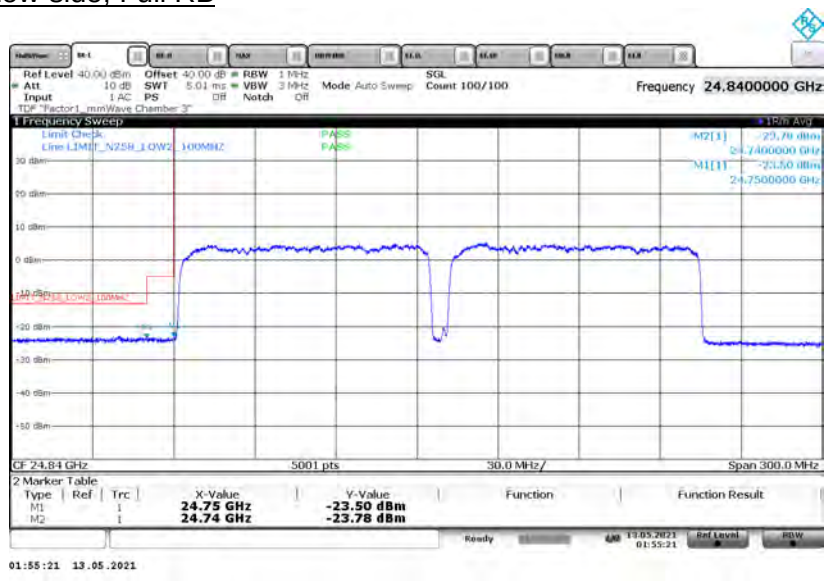
Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	50	L	1/0	24.75	-22.42	-5	-17.42
M1	50	L	1/0	24.745	-25.01	-13	-12.01
M2	50	L	1/0	24.75	-21.43	-5	-16.43
M2	50	L	1/0	24.745	-24.81	-13	-11.81
M1	50	H	1/31	25.25	-23.79	-5	-18.79
M1	50	H	1/31	25.255	-26.12	-13	-13.12
M2	50	H	1/31	25.25	-22.75	-5	-17.75
M2	50	H	1/31	25.255	-25.62	-13	-12.62

ANT M1, 100 MHz, SISO-DUAL, 2CC, QPSK

Low-side, Single RB

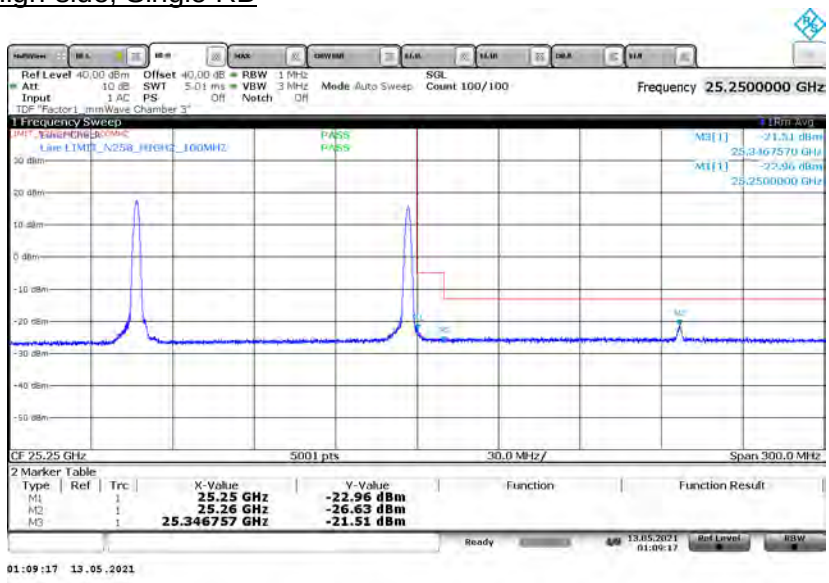


Low-side, Full RB

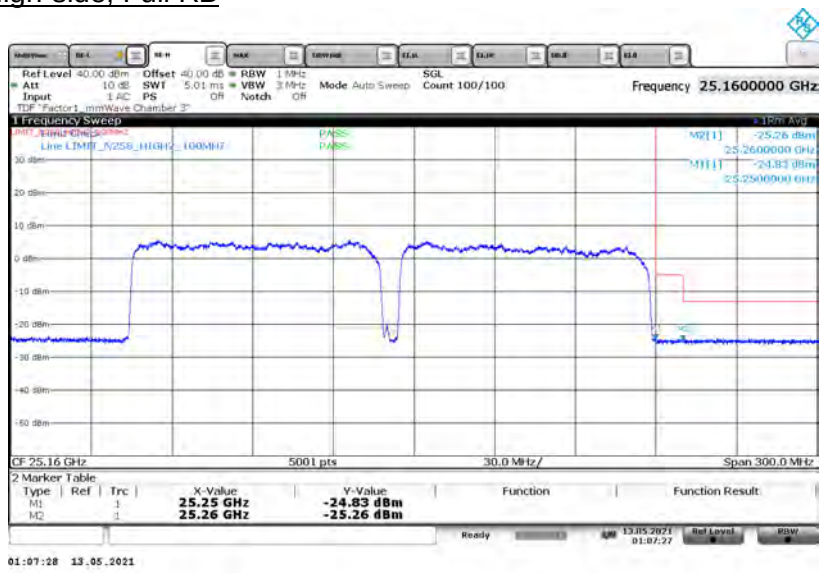


ANT M1, 100 MHz, SISO-DUAL, 2CC, QPSK

High-side, Single RB



High-side, Full RB



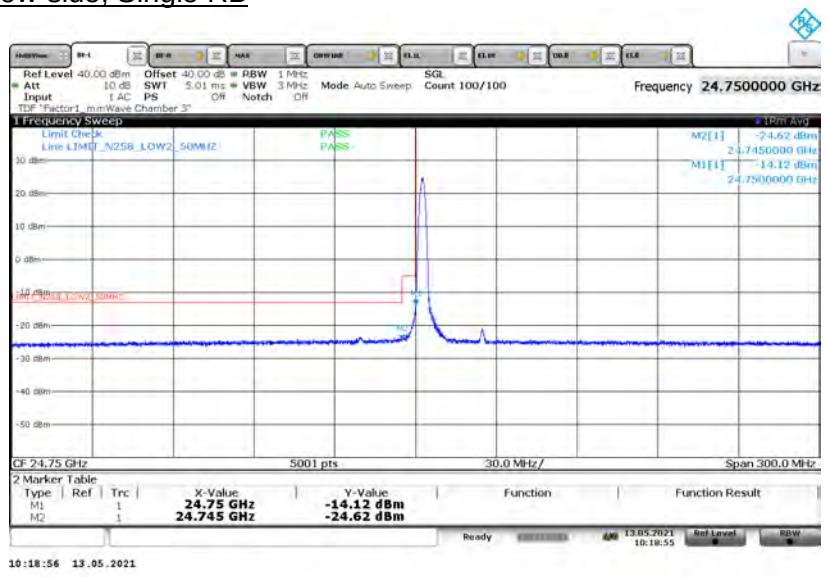
ANT M1, M0 & M2, 100 MHz, SISO-DUAL, 2CC, QPSK

Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	100	L	1/0	24.75	-21.62	-5	-16.62
M1	100	L	1/0	24.74	-25.06	-13	-12.06
M0	100	L	1/0	24.75	-22.31	-5	-17.31
M0	100	L	1/0	24.74	-25.04	-13	-12.04
M2	100	L	1/0	24.75	-22.57	-5	-17.57
M2	100	L	1/0	24.74	-25.47	-13	-12.47
M1	100	L	64/0	24.75	-23.50	-5	-18.50
M1	100	L	64/0	24.74	-23.78	-13	-10.78
M0	100	L	64/0	24.75	-24.51	-5	-19.51
M0	100	L	64/0	24.74	-25.00	-13	-12.00
M2	100	L	64/0	24.75	-24.00	-5	-19.00
M2	100	L	64/0	24.74	-24.17	-13	-11.17
M1	100	H	1/65	25.25	-22.96	-5	-17.96
M1	100	H	1/65	25.26	-26.63	-13	-13.63
M0	100	H	1/65	25.25	-24.42	-5	-19.42
M0	100	H	1/65	25.26	-25.94	-13	-12.94
M2	100	H	1/65	25.25	-22.47	-5	-17.47
M2	100	H	1/65	25.26	-26.32	-13	-13.32
M1	100	H	64/0	25.25	-24.83	-5	-19.83
M1	100	H	64/0	25.26	-25.26	-13	-12.26
M0	100	H	64/0	25.25	-25.78	-5	-20.78
M0	100	H	64/0	25.26	-26.03	-13	-13.03
M2	100	H	64/0	25.25	-24.52	-5	-19.52
M2	100	H	64/0	25.26	-24.29	-13	-11.29

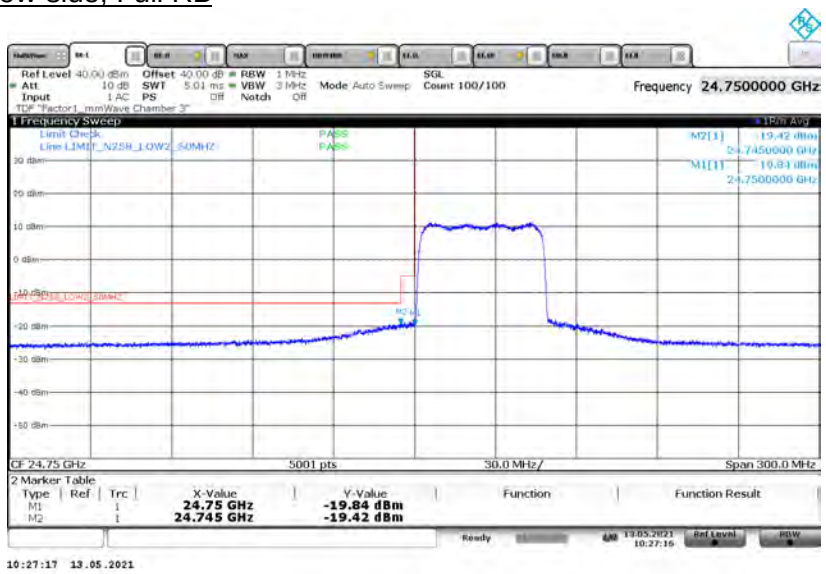
8.3.7. BAND EDGE n258 SB2 MIMO 1CC

ANT M1, 50 MHz, MIMO, 1CC, QPSK

Low-side, Single RB

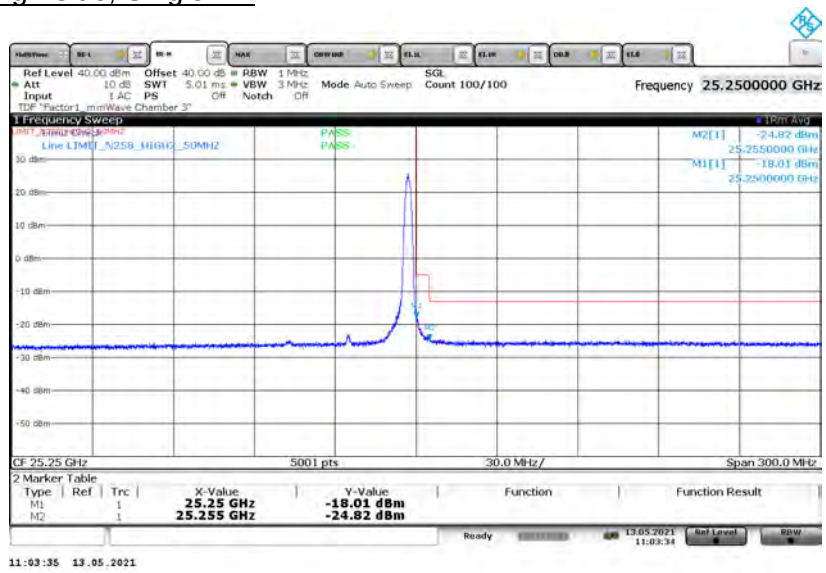


Low-side, Full RB

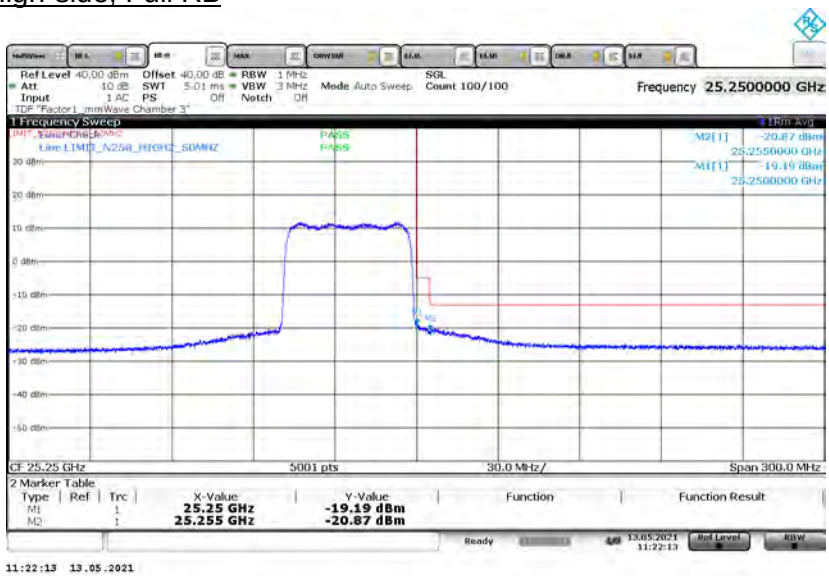


ANT M1, 50 MHz, MIMO, 1CC, QPSK

High-side, Single RB



High-side, Full RB

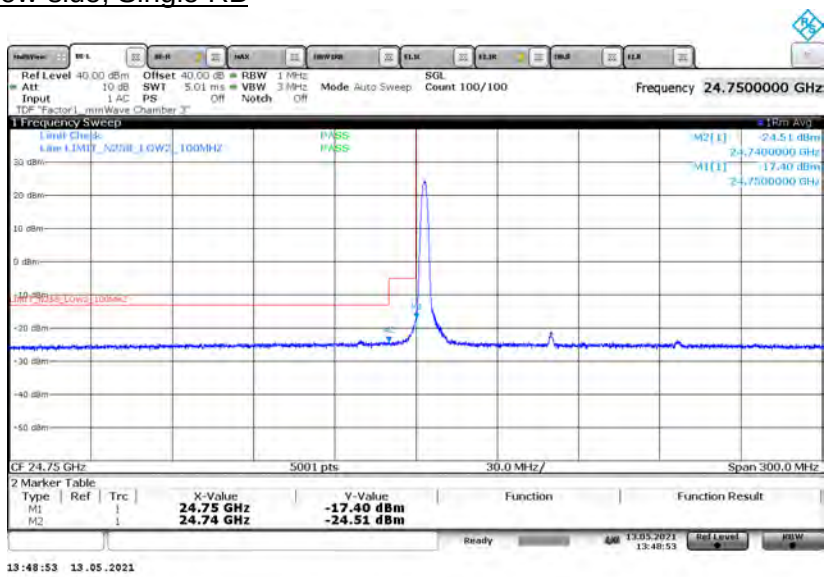


ANT M1, M0 & M2, 50 MHz, MIMO, 1CC, QPSK

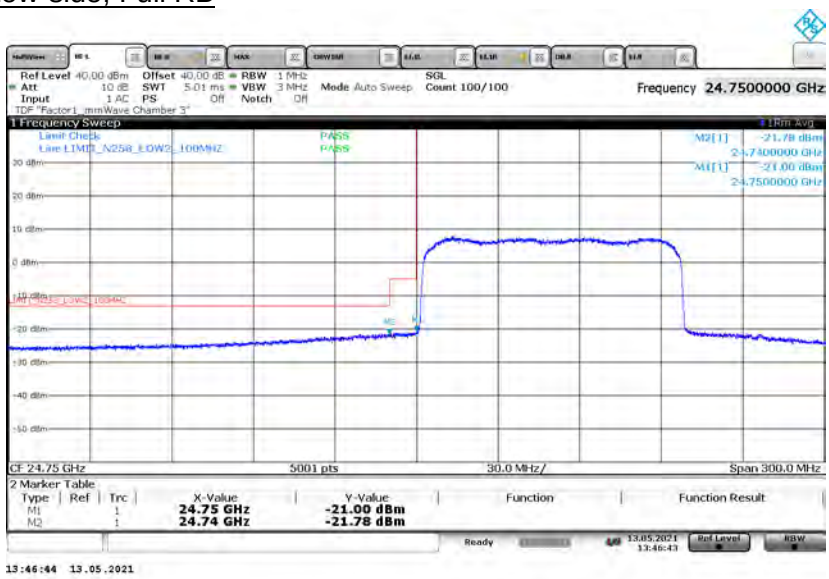
Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	50	L	1/0	24.75	-14.12	-5	-9.12
M1	50	L	1/0	24.745	-24.62	-13	-11.62
M0	50	L	1/0	24.75	-17.37	-5	-12.37
M0	50	L	1/0	24.745	-25.14	-13	-12.14
M2	50	L	1/0	24.75	-16.39	-5	-11.39
M2	50	L	1/0	24.745	-24.36	-13	-11.36
M1	50	L	32/0	24.75	-19.84	-5	-14.84
M1	50	L	32/0	24.745	-19.42	-13	-6.42
M0	50	L	32/0	24.75	-21.55	-5	-16.55
M0	50	L	32/0	24.745	-23.44	-13	-10.44
M2	50	L	32/0	24.75	-19.35	-5	-14.35
M2	50	L	32/0	24.745	-19.90	-13	-6.90
M1	50	H	1/31	25.25	-18.01	-5	-13.01
M1	50	H	1/31	25.255	-24.82	-13	-11.82
M0	50	H	1/31	25.25	-20.80	-5	-15.80
M0	50	H	1/31	25.255	-26.18	-13	-13.18
M2	50	H	1/31	25.25	-17.42	-5	-12.42
M2	50	H	1/31	25.255	-24.45	-13	-11.45
M1	50	H	32/0	25.25	-19.19	-5	-14.19
M1	50	H	32/0	25.255	-20.87	-13	-7.87
M0	50	H	32/0	25.25	-22.18	-5	-17.18
M0	50	H	32/0	25.255	-23.16	-13	-10.16
M2	50	H	32/0	25.25	-18.33	-5	-13.33
M2	50	H	32/0	25.255	-19.41	-13	-6.41

ANT M1, 100 MHz, MIMO, 1CC, QPSK

Low-side, Single RB

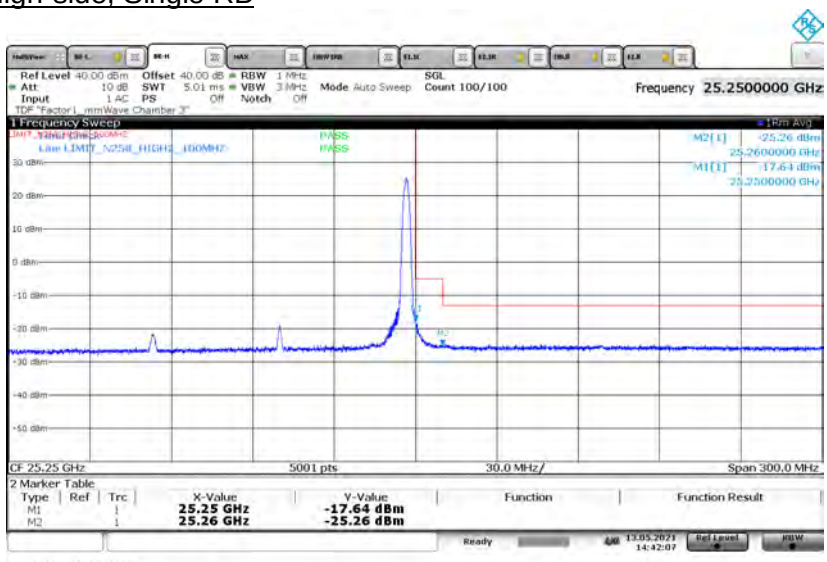


Low-side, Full RB

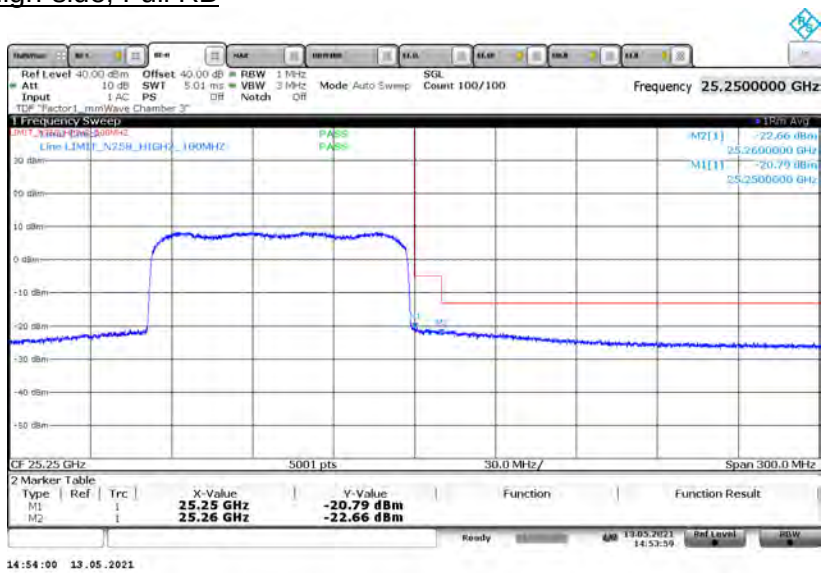


ANT M1, 100 MHz, MIMO, 1CC, QPSK

High-side, Single RB



High-side, Full RB



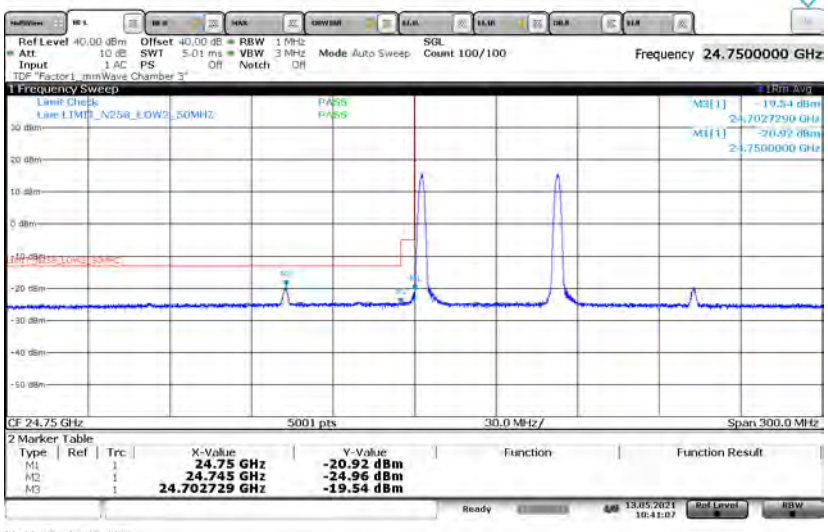
ANT M1, M0 & M2, 100 MHz, MIMO, 1CC, QPSK

Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	100	L	1/0	24.75	-17.40	-5	-12.40
M1	100	L	1/0	24.74	-24.51	-13	-11.51
M0	100	L	1/0	24.75	-19.59	-5	-14.59
M0	100	L	1/0	24.74	-25.12	-13	-12.12
M2	100	L	1/0	24.75	-18.22	-5	-13.22
M2	100	L	1/0	24.74	-25.17	-13	-12.17
M1	100	L	66/0	24.75	-21.00	-5	-16.00
M1	100	L	66/0	24.74	-21.78	-13	-8.78
M0	100	L	66/0	24.75	-23.66	-5	-18.66
M0	100	L	66/0	24.74	-23.52	-13	-10.52
M2	100	L	66/0	24.75	-21.20	-5	-16.20
M2	100	L	66/0	24.74	-22.29	-13	-9.29
M1	100	H	1/65	25.25	-17.64	-5	-12.64
M1	100	H	1/65	25.26	-25.26	-13	-12.26
M0	100	H	1/65	25.25	-22.39	-5	-17.39
M0	100	H	1/65	25.26	-25.99	-13	-12.99
M2	100	H	1/65	25.25	-19.55	-5	-14.55
M2	100	H	1/65	25.26	-25.46	-13	-12.46
M1	100	H	66/0	25.25	-20.79	-5	-15.79
M1	100	H	66/0	25.26	-22.66	-13	-9.66
M0	100	H	66/0	25.25	-24.20	-5	-19.20
M0	100	H	66/0	25.26	-24.57	-13	-11.57
M2	100	H	66/0	25.25	-20.11	-5	-15.11
M2	100	H	66/0	25.26	-20.74	-13	-7.74

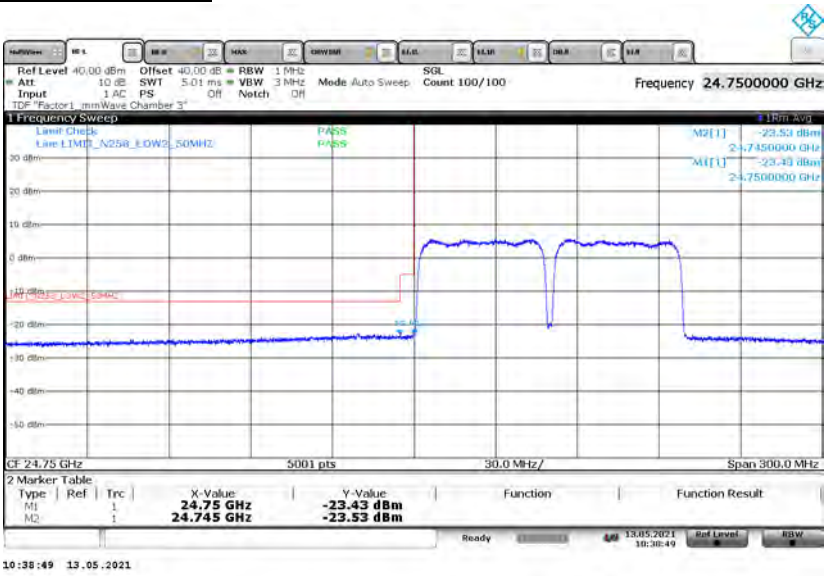
8.3.8. BAND EDGE n258 SB2 MIMO 2CC

ANT M1, 50 MHz, MIMO, 2CC, QPSK

Low-side, Single RB

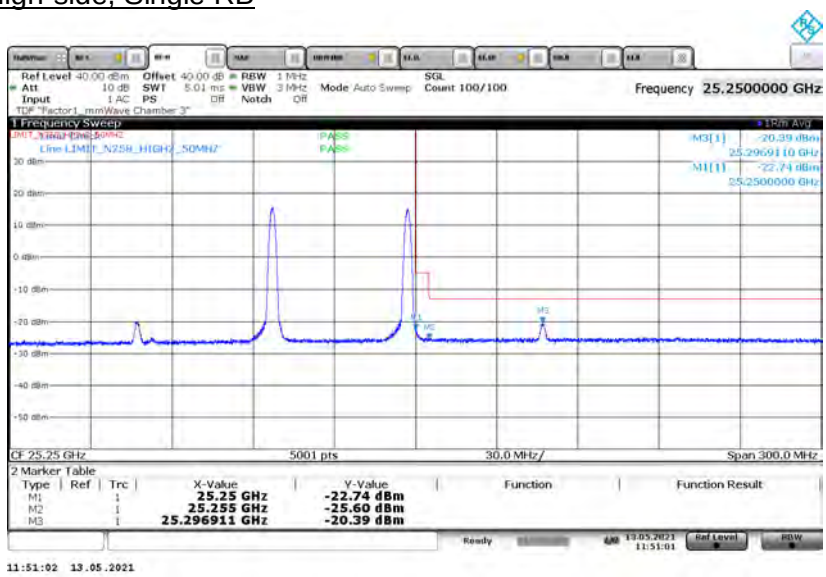


Low-side, Full RB

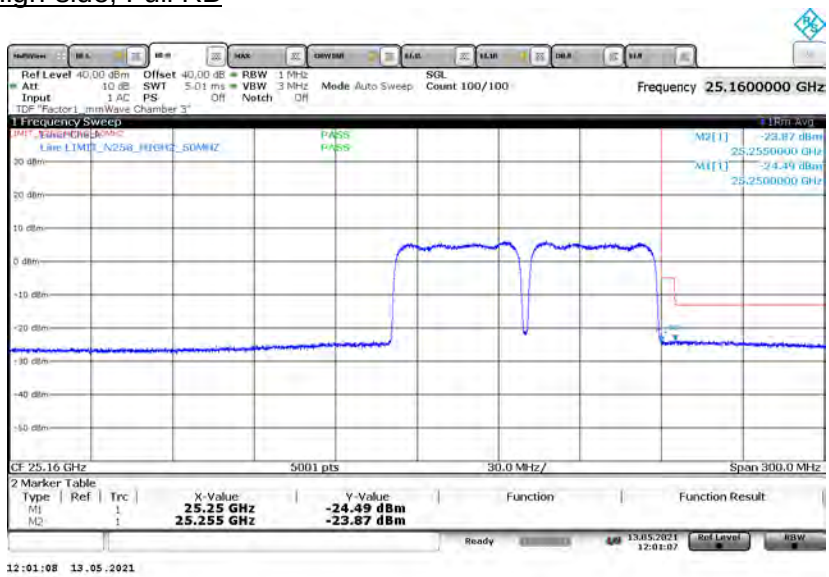


ANT M1, 50 MHz, MIMO, 2CC, QPSK

High-side, Single RB



High-side, Full RB

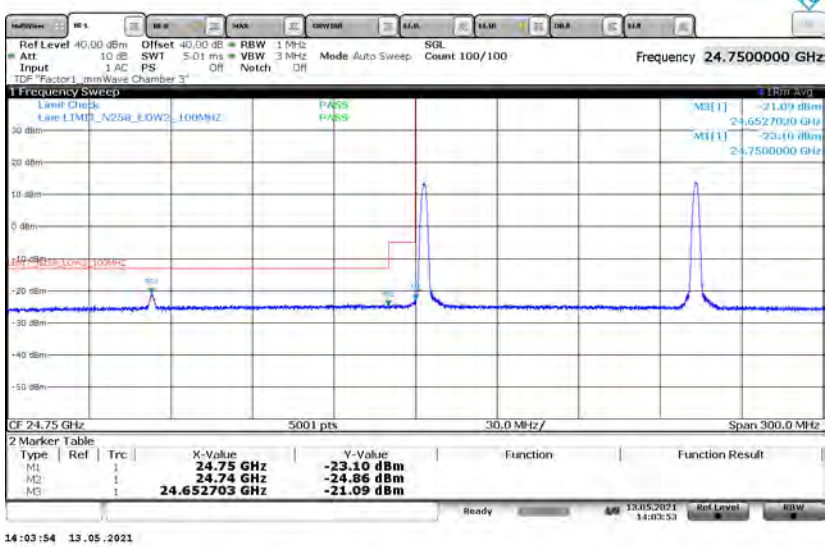


ANT M1, M0 & M2, 50 MHz, MIMO, 2CC, QPSK

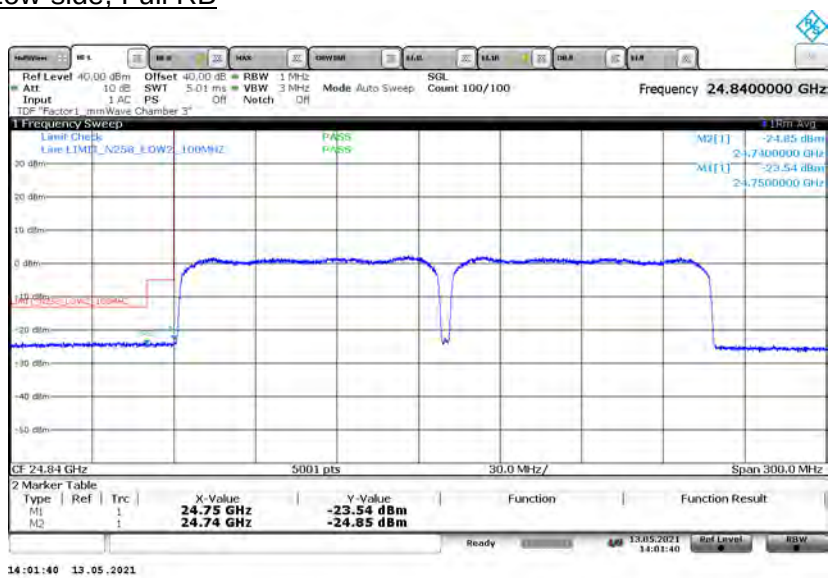
Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	50	L	1/0	24.75	-20.92	-5	-15.92
M1	50	L	1/0	24.745	-24.96	-13	-11.96
M0	50	L	1/0	24.75	-24.48	-5	-19.48
M0	50	L	1/0	24.745	-25.17	-13	-12.17
M2	50	L	1/0	24.75	-21.56	-5	-16.56
M2	50	L	1/0	24.745	-24.88	-13	-11.88
M1	50	L	32/0	24.75	-23.43	-5	-18.43
M1	50	L	32/0	24.745	-23.53	-13	-10.53
M0	50	L	32/0	24.75	-24.61	-5	-19.61
M0	50	L	32/0	24.745	-24.17	-13	-11.17
M2	50	L	32/0	24.75	-22.92	-5	-17.92
M2	50	L	32/0	24.745	-23.57	-13	-10.57
M1	50	H	1/31	25.25	-22.74	-5	-17.74
M1	50	H	1/31	25.255	-25.60	-13	-12.60
M0	50	H	1/31	25.25	-25.12	-5	-20.12
M0	50	H	1/31	25.255	-25.90	-13	-12.90
M2	50	H	1/31	25.25	-23.76	-5	-18.76
M2	50	H	1/31	25.255	-25.51	-13	-12.51
M1	50	H	32/0	25.25	-24.49	-5	-19.49
M1	50	H	32/0	25.255	-23.87	-13	-10.87
M0	50	H	32/0	25.25	-25.37	-5	-20.37
M0	50	H	32/0	25.255	-25.56	-13	-12.56
M2	50	H	32/0	25.25	-23.93	-5	-18.93
M2	50	H	32/0	25.255	-24.50	-13	-11.50

ANT M1, 100 MHz, MIMO, 2CC, QPSK

Low-side, Single RB

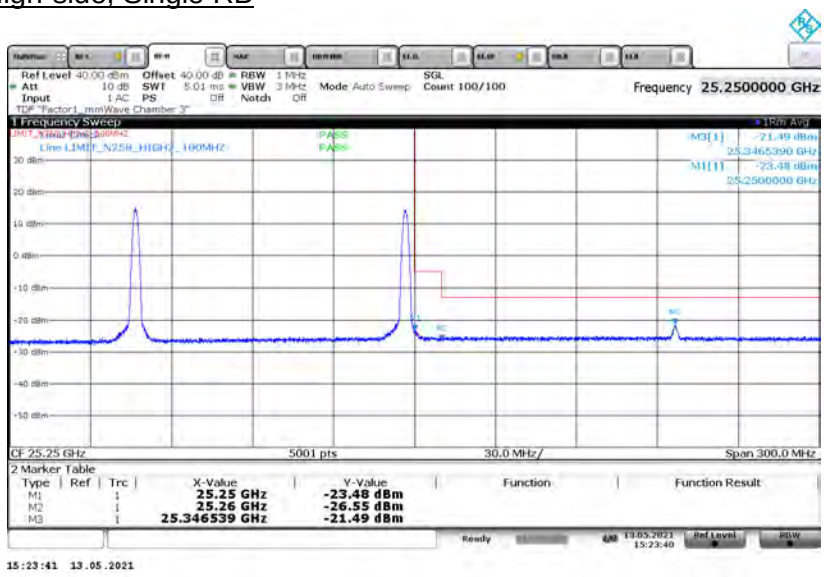


Low-side, Full RB

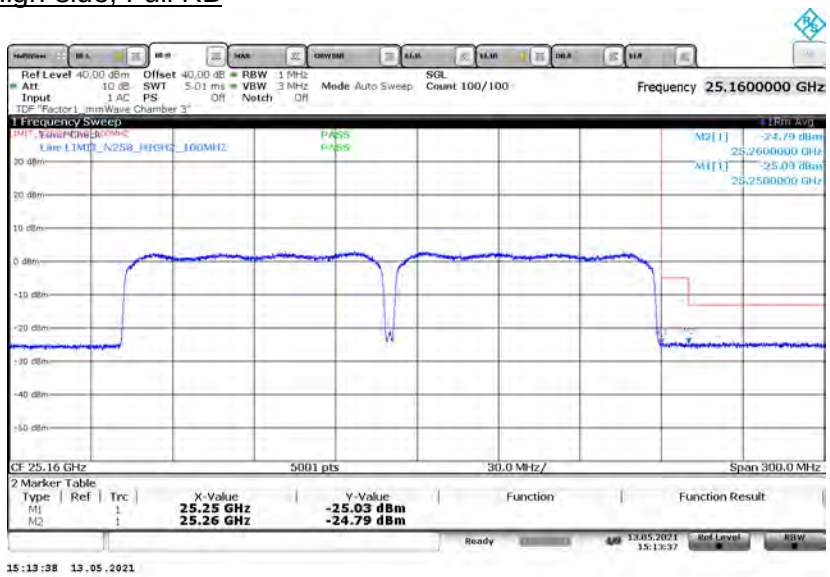


ANT M1, 100 MHz, MIMO, 2CC, QPSK

High-side, Single RB



High-side, Full RB



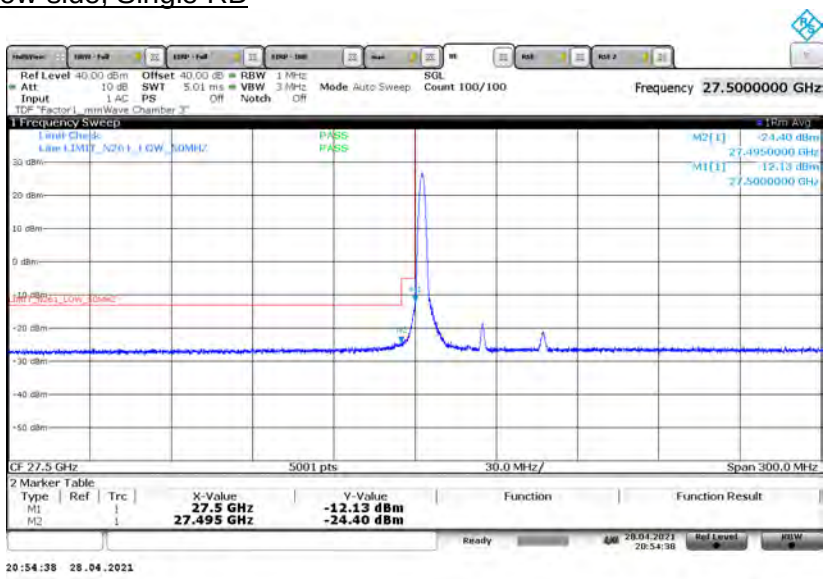
ANT M1, M0 & M2, 100 MHz, MIMO, 2CC, QPSK

Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	100	L	1/0	24.75	-23.10	-5	-18.10
M1	100	L	1/0	24.74	-24.86	-13	-11.86
M0	100	L	1/0	24.75	-23.29	-5	-18.29
M0	100	L	1/0	24.74	-25.11	-13	-12.11
M2	100	L	1/0	24.75	-22.20	-5	-17.20
M2	100	L	1/0	24.74	-24.98	-13	-11.98
M1	100	L	66/0	24.75	-23.54	-5	-18.54
M1	100	L	66/0	24.74	-24.85	-13	-11.85
M0	100	L	66/0	24.75	-25.01	-5	-20.01
M0	100	L	66/0	24.74	-25.46	-13	-12.46
M2	100	L	66/0	24.75	-23.76	-5	-18.76
M2	100	L	66/0	24.74	-24.83	-13	-11.83
M1	100	H	1/65	25.25	-23.48	-5	-18.48
M1	100	H	1/65	25.26	-26.55	-13	-13.55
M0	100	H	1/65	25.25	-24.91	-5	-19.91
M0	100	H	1/65	25.26	-25.91	-13	-12.91
M2	100	H	1/65	25.25	-23.13	-5	-18.13
M2	100	H	1/65	25.26	-25.93	-13	-12.93
M1	100	H	66/0	25.25	-25.03	-5	-20.03
M1	100	H	66/0	25.26	-24.79	-13	-11.79
M0	100	H	66/0	25.25	-25.43	-5	-20.43
M0	100	H	66/0	25.26	-25.53	-13	-12.53
M2	100	H	66/0	25.25	-24.54	-5	-19.54
M2	100	H	66/0	25.26	-24.69	-13	-11.69

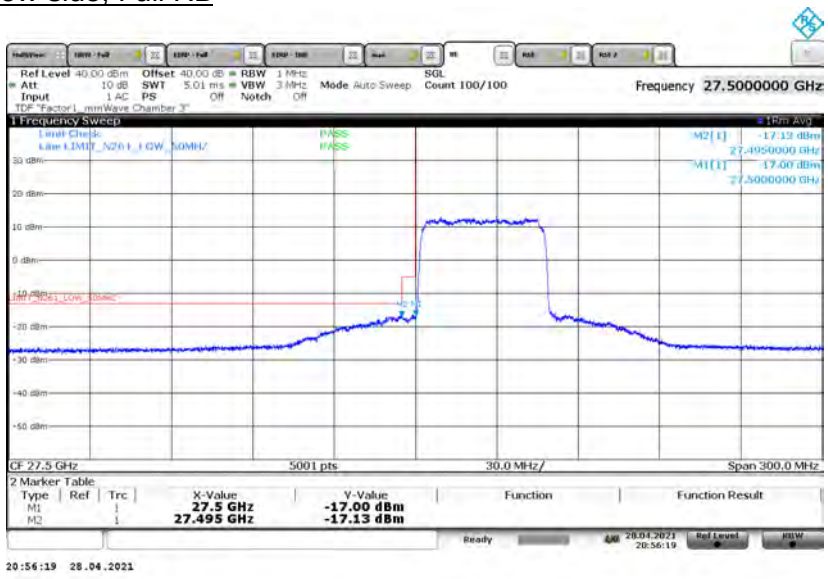
8.3.9. BAND EDGE n261 SISO-DUAL 1CC

ANT M1, 50 MHz, SISO-DUAL, 1CC, QPSK

Low-side, Single RB

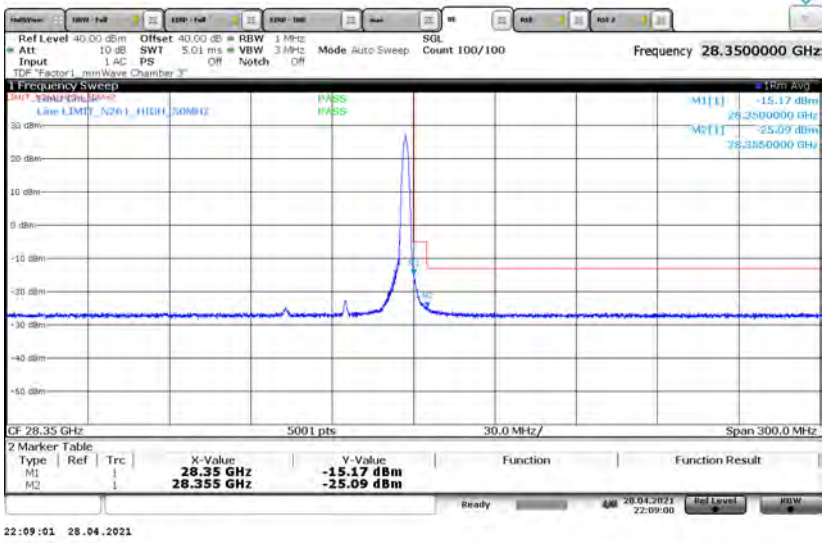


Low-side, Full RB

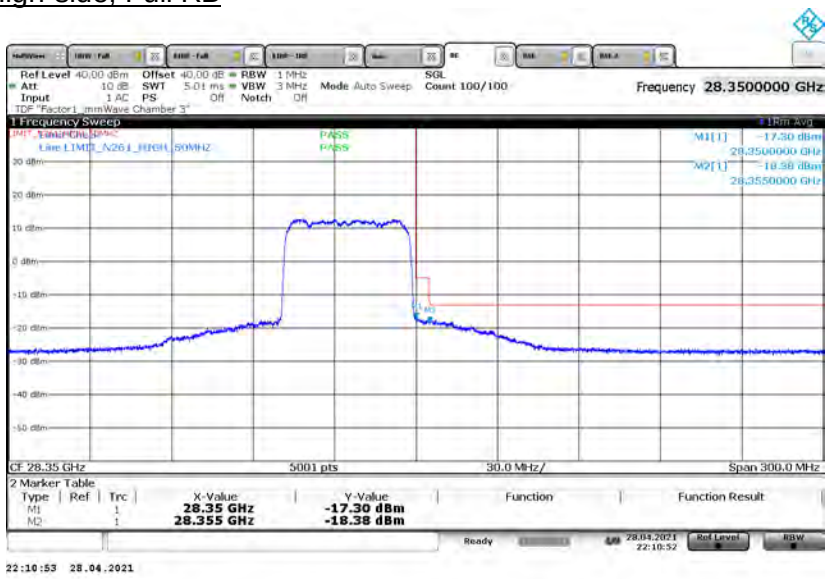


ANT M1, 50 MHz, SISO-DUAL, 1CC, QPSK

High-side, Single RB



High-side, Full RB



ANT M1, M0 & M2, 50 MHz, SISO-DUAL, 1CC, QPSK

Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	50	L	1/0	27.5	-12.13	-5	-7.13
M1	50	L	1/0	27.495	-24.40	-13	-11.40
M0	50	L	1/0	27.5	-19.52	-5	-14.52
M0	50	L	1/0	27.495	-26.53	-13	-13.53
M2	50	L	1/0	27.5	-12.46	-5	-7.46
M2	50	L	1/0	27.495	-24.17	-13	-11.17
M1	50	L	32/0	27.5	-17.00	-5	-12.00
M1	50	L	32/0	27.495	-17.13	-13	-4.13
M0	50	L	32/0	27.5	-23.79	-5	-18.79
M0	50	L	32/0	27.495	-23.99	-13	-10.99
M2	50	L	32/0	27.5	-16.92	-5	-11.92
M2	50	L	32/0	27.495	-18.35	-13	-5.35
M1	50	H	1/31	28.35	-15.17	-5	-10.17
M1	50	H	1/31	28.355	-25.09	-13	-12.09
M0	50	H	1/31	28.35	-20.67	-5	-15.67
M0	50	H	1/31	28.355	-27.07	-13	-14.07
M2	50	H	1/31	28.35	-15.12	-5	-10.12
M2	50	H	1/31	28.355	-24.47	-13	-11.47
M1	50	H	32/0	28.35	-17.30	-5	-12.30
M1	50	H	32/0	28.355	-18.38	-13	-5.38
M0	50	H	32/0	28.35	-22.33	-5	-17.33
M0	50	H	32/0	28.355	-23.16	-13	-10.16
M2	50	H	32/0	28.35	-15.50	-5	-10.50
M2	50	H	32/0	28.355	-17.96	-13	-4.96

ANT M1 & M2, 50 MHz, SISO-DUAL, 1CC, BPSK

Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	50	L	1/0	27.5	-13.96	-5	-8.96
M1	50	L	1/0	27.495	-24.84	-13	-11.84
M2	50	L	1/0	27.5	-13.19	-5	-8.19
M2	50	L	1/0	27.495	-23.96	-13	-10.96
M1	50	L	32/0	27.5	-18.82	-5	-13.82
M1	50	L	32/0	27.495	-23.02	-13	-10.02
M2	50	L	32/0	27.5	-19.55	-5	-14.55
M2	50	L	32/0	27.495	-22.92	-13	-9.92
M1	50	H	1/31	28.35	-15.26	-5	-10.26
M1	50	H	1/31	28.355	-25.77	-13	-12.77
M2	50	H	1/31	28.35	-15.74	-5	-10.74
M2	50	H	1/31	28.355	-24.22	-13	-11.22
M1	50	H	32/0	28.35	-20.85	-5	-15.85
M1	50	H	32/0	28.355	-24.41	-13	-11.41
M2	50	H	32/0	28.35	-19.14	-5	-14.14
M2	50	H	32/0	28.355	-23.81	-13	-10.81

ANT M1 & M2, 50 MHz, SISO-DUAL, 1CC, 16QAM

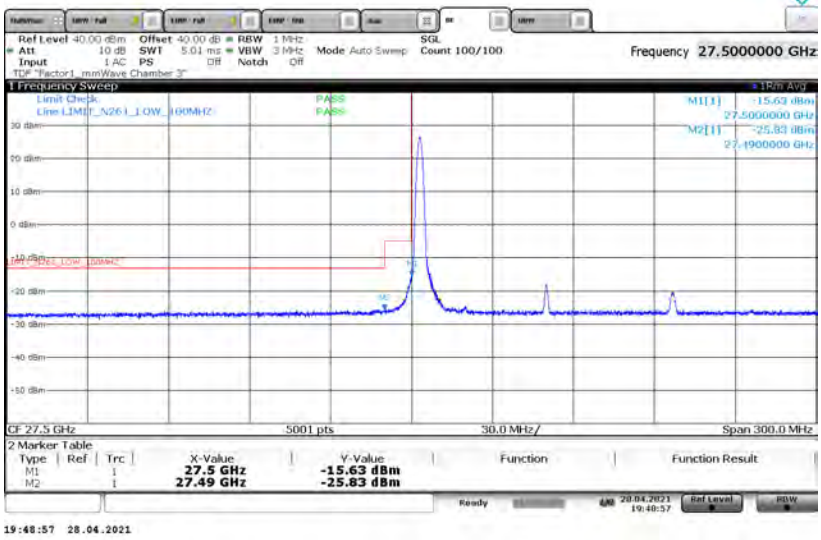
Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	50	L	1/0	27.5	-14.50	-5	-9.50
M1	50	L	1/0	27.495	-25.54	-13	-12.54
M2	50	L	1/0	27.5	-14.82	-5	-9.82
M2	50	L	1/0	27.495	-24.44	-13	-11.44
M1	50	L	32/0	27.5	-21.16	-5	-16.16
M1	50	L	32/0	27.495	-21.15	-13	-8.15
M2	50	L	32/0	27.5	-21.34	-5	-16.34
M2	50	L	32/0	27.495	-22.09	-13	-9.09
M1	50	H	1/31	28.35	-16.92	-5	-11.92
M1	50	H	1/31	28.355	-25.58	-13	-12.58
M2	50	H	1/31	28.35	-16.49	-5	-11.49
M2	50	H	1/31	28.355	-24.57	-13	-11.57
M1	50	H	32/0	28.35	-21.87	-5	-16.87
M1	50	H	32/0	28.355	-22.61	-13	-9.61
M2	50	H	32/0	28.35	-19.22	-5	-14.22
M2	50	H	32/0	28.355	-21.09	-13	-8.09

ANT M1 & M2, 50 MHz, SISO-DUAL, 1CC, 64QAM

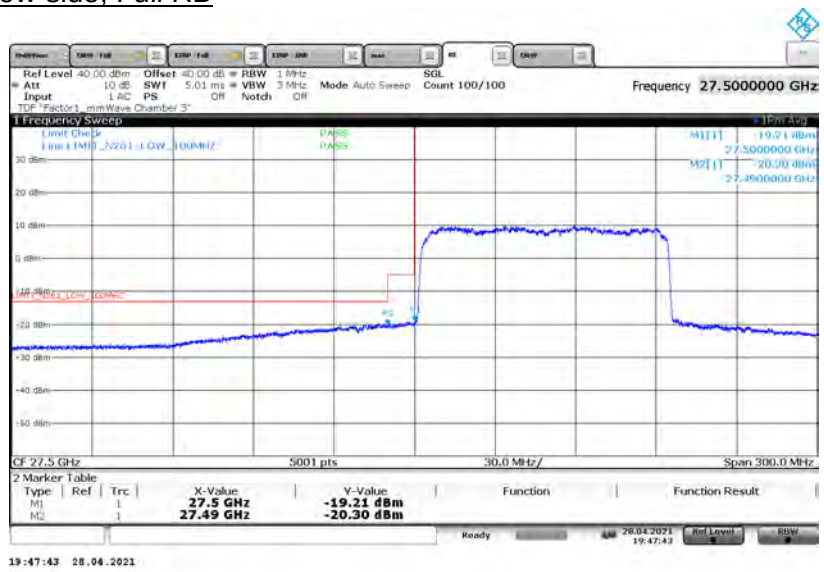
Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	50	L	1/0	27.5	-16.59	-5	-11.59
M1	50	L	1/0	27.495	-25.60	-13	-12.60
M2	50	L	1/0	27.5	-15.95	-5	-10.95
M2	50	L	1/0	27.495	-25.24	-13	-12.24
M1	50	L	32/0	27.5	-22.08	-5	-17.08
M1	50	L	32/0	27.495	-23.53	-13	-10.53
M2	50	L	32/0	27.5	-22.98	-5	-17.98
M2	50	L	32/0	27.495	-24.25	-13	-11.25
M1	50	H	1/31	28.35	-18.72	-5	-13.72
M1	50	H	1/31	28.355	-26.58	-13	-13.58
M2	50	H	1/31	28.35	-18.22	-5	-13.22
M2	50	H	1/31	28.355	-25.28	-13	-12.28
M1	50	H	32/0	28.35	-24.78	-5	-19.78
M1	50	H	32/0	28.355	-25.07	-13	-12.07
M2	50	H	32/0	28.35	-22.58	-5	-17.58
M2	50	H	32/0	28.355	-23.61	-13	-10.61

ANT M1, 100 MHz, SISO-DUAL, 1CC, QPSK

Low-side, Single RB

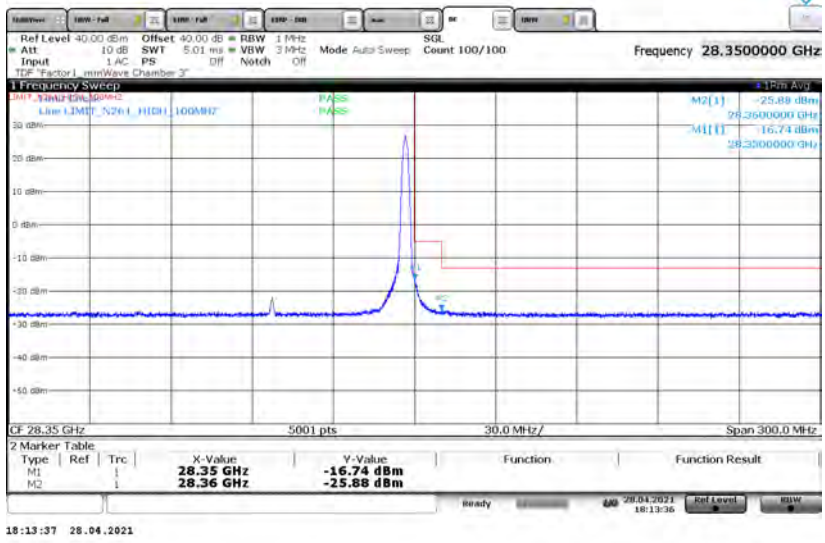


Low-side, Full RB

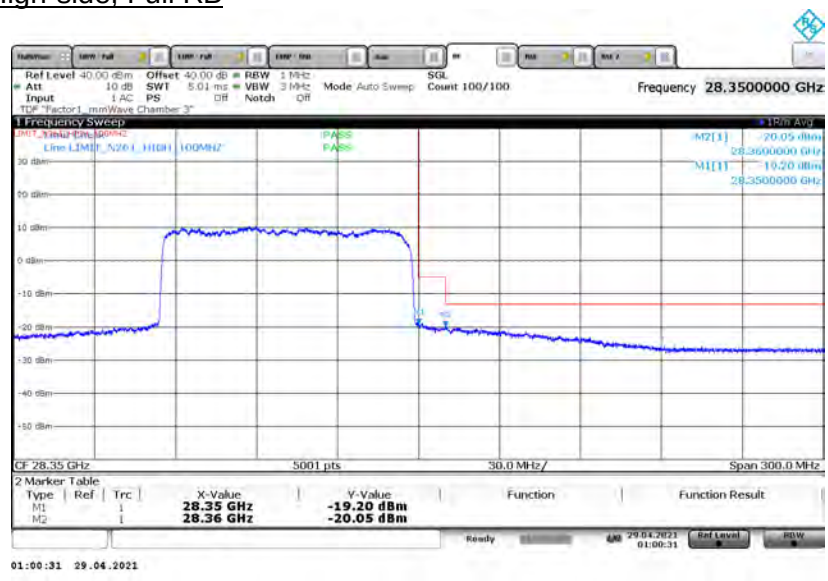


ANT M1, 100 MHz, SISO-DUAL, 1CC, QPSK

High-side, Single RB



High-side, Full RB



ANT M1, M0 & M2, 100 MHz, SISO-DUAL, 1CC, QPSK

Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	100	L	1/0	27.5	-15.63	-5	-10.63
M1	100	L	1/0	27.49	-25.83	-13	-12.83
M0	100	L	1/0	27.5	-21.18	-5	-16.18
M0	100	L	1/0	27.49	-26.30	-13	-13.30
M2	100	L	1/0	27.5	-14.12	-5	-9.12
M2	100	L	1/0	27.49	-26.91	-13	-13.91
M1	100	L	64/0	27.5	-19.21	-5	-14.21
M1	100	L	64/0	27.49	-20.30	-13	-7.30
M0	100	L	64/0	27.5	-24.61	-5	-19.61
M0	100	L	64/0	27.49	-24.92	-13	-11.92
M2	100	L	64/0	27.5	-19.69	-5	-14.69
M2	100	L	64/0	27.49	-20.23	-13	-7.23
M1	100	H	1/65	28.35	-16.74	-5	-11.74
M1	100	H	1/65	28.36	-25.88	-13	-12.88
M0	100	H	1/65	28.35	-21.66	-5	-16.66
M0	100	H	1/65	28.36	-27.30	-13	-14.30
M2	100	H	1/65	28.35	-15.59	-5	-10.59
M2	100	H	1/65	28.36	-25.78	-13	-12.78
M1	100	H	64/0	28.35	-19.20	-5	-14.20
M1	100	H	64/0	28.36	-20.05	-13	-7.05
M0	100	H	64/0	28.35	-25.08	-5	-20.08
M0	100	H	64/0	28.36	-25.34	-13	-12.34
M2	100	H	64/0	28.35	-18.47	-5	-13.47
M2	100	H	64/0	28.36	-20.03	-13	-7.03

ANT M1 & M2, 100 MHz, SISO-DUAL, 1CC, BPSK

Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	100	L	64/0	27.5	-21.99	-5	-16.99
M1	100	L	64/0	27.49	-24.13	-13	-11.13
M2	100	L	64/0	27.5	-21.23	-5	-16.23
M2	100	L	64/0	27.49	-24.38	-13	-11.38
M1	100	H	64/0	28.35	-21.57	-5	-16.57
M1	100	H	64/0	28.36	-25.11	-13	-12.11
M2	100	H	64/0	28.35	-20.07	-5	-15.07
M2	100	H	64/0	28.36	-24.19	-13	-11.19

ANT M1 & M2, 100 MHz, SISO-DUAL, 1CC, 16QAM

Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	100	L	64/0	27.5	-22.36	-5	-17.36
M1	100	L	64/0	27.49	-23.67	-13	-10.67
M2	100	L	64/0	27.5	-25.10	-5	-20.10
M2	100	L	64/0	27.49	-26.29	-13	-13.29
M1	100	H	64/0	28.35	-23.67	-5	-18.67
M1	100	H	64/0	28.36	-24.59	-13	-11.59
M2	100	H	64/0	28.35	-22.70	-5	-17.70
M2	100	H	64/0	28.36	-23.03	-13	-10.03

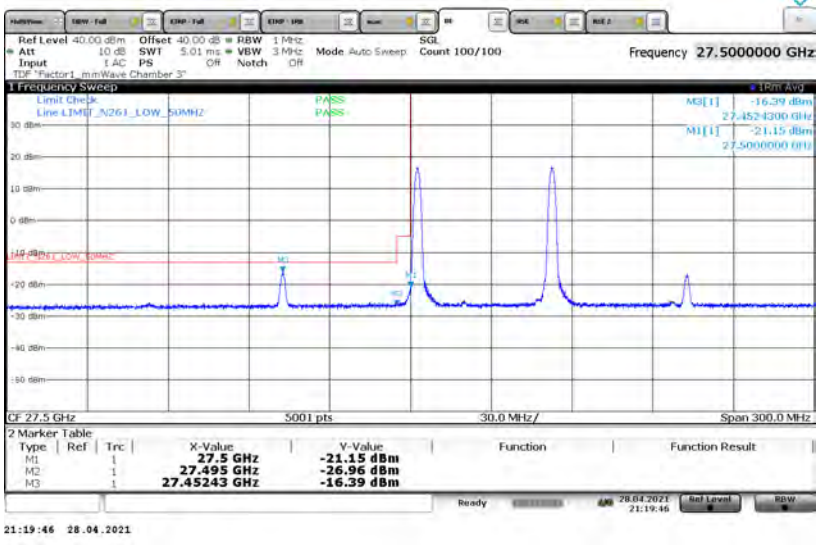
ANT M1 & M2, 100 MHz, SISO-DUAL, 1CC, 64QAM

Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	100	L	64/0	27.5	-24.20	-5	-19.20
M1	100	L	64/0	27.49	-24.52	-13	-11.52
M2	100	L	64/0	27.5	-24.24	-5	-19.24
M2	100	L	64/0	27.49	-23.89	-13	-10.89
M1	100	H	64/0	28.35	-24.19	-5	-19.19
M1	100	H	64/0	28.36	-25.59	-13	-12.59
M2	100	H	64/0	28.35	-25.21	-5	-20.21
M2	100	H	64/0	28.36	-25.65	-13	-12.65

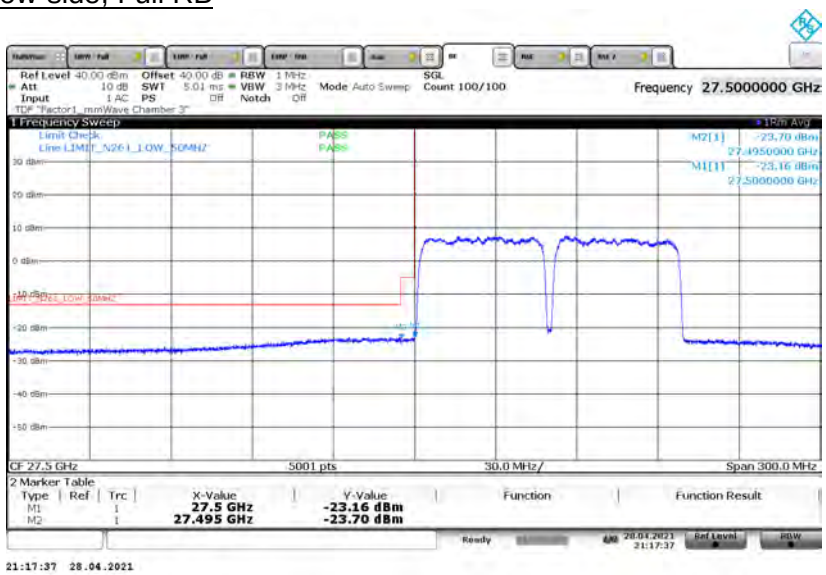
8.3.10. BAND EDGE n261 SISO-DUAL 2CC

ANT M1, 50 MHz, SISO-DUAL, 2CC, QPSK

Low-side, Single RB

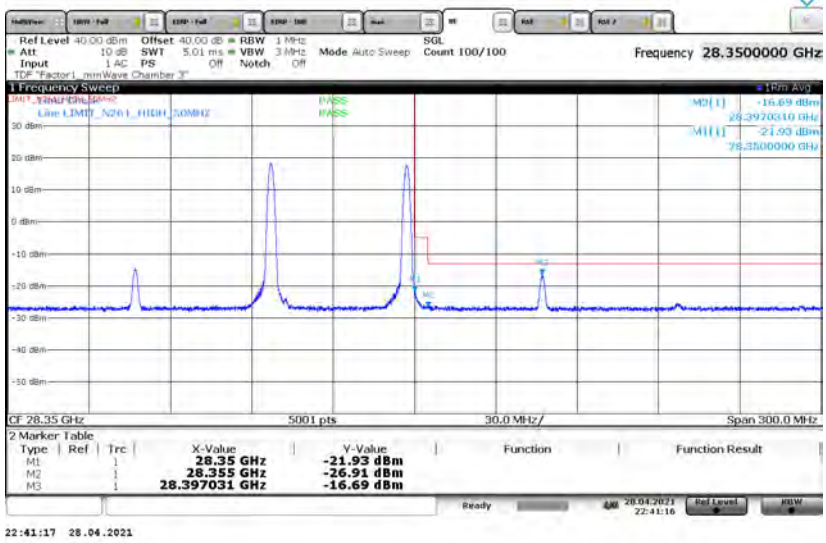


Low-side, Full RB

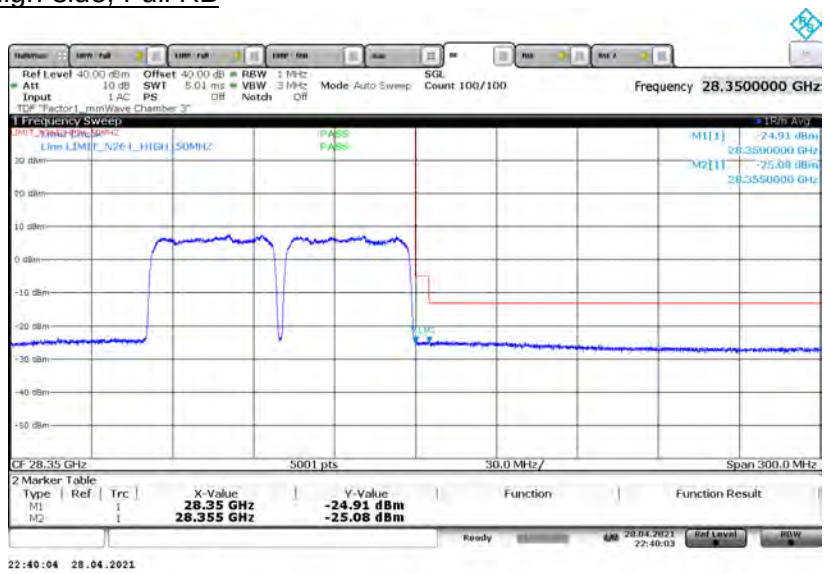


ANT M1, 50 MHz, SISO-DUAL, 2CC, QPSK

High-side, Single RB



High-side, Full RB



ANT M1, M0 & M2, 50 MHz, SISO-DUAL, 2CC, QPSK

Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	50	L	1/0	27.5	-21.15	-5	-16.15
M1	50	L	1/0	27.495	-26.96	-13	-13.96
M0	50	L	1/0	27.5	-24.65	-5	-19.65
M0	50	L	1/0	27.495	-27.22	-13	-14.22
M2	50	L	1/0	27.5	-20.64	-5	-15.64
M2	50	L	1/0	27.495	-26.59	-13	-13.59
M1	50	L	32/0	27.5	-23.16	-5	-18.16
M1	50	L	32/0	27.495	-23.70	-13	-10.70
M0	50	L	32/0	27.5	-26.13	-5	-21.13
M0	50	L	32/0	27.495	-25.61	-13	-12.61
M2	50	L	32/0	27.5	-23.29	-5	-18.29
M2	50	L	32/0	27.495	-23.71	-13	-10.71
M1	50	H	1/31	28.35	-21.93	-5	-16.93
M1	50	H	1/31	28.355	-26.91	-13	-13.91
M0	50	H	1/31	28.35	-24.74	-5	-19.74
M0	50	H	1/31	28.355	-26.90	-13	-13.90
M2	50	H	1/31	28.35	-21.79	-5	-16.79
M2	50	H	1/31	28.355	-26.15	-13	-13.15
M1	50	H	32/0	28.35	-24.91	-5	-19.91
M1	50	H	32/0	28.355	-25.08	-13	-12.08
M0	50	H	32/0	28.35	-26.19	-5	-21.19
M0	50	H	32/0	28.355	-26.66	-13	-13.66
M2	50	H	32/0	28.35	-24.02	-5	-19.02
M2	50	H	32/0	28.355	-24.74	-13	-11.74

ANT M1 & M2, 50 MHz, SISO-DUAL, 2CC, BPSK

Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	50	L	1/0	27.5	-22.15	-5	-17.15
M1	50	L	1/0	27.495	-26.26	-13	-13.26
M2	50	L	1/0	27.5	-20.62	-5	-15.62
M2	50	L	1/0	27.495	-26.54	-13	-13.54
M1	50	H	1/31	28.35	-22.97	-5	-17.97
M1	50	H	1/31	28.355	-26.77	-13	-13.77
M2	50	H	1/31	28.35	-23.34	-5	-18.34
M2	50	H	1/31	28.355	-26.51	-13	-13.51

ANT M1 & M2, 50 MHz, SISO-DUAL, 2CC, 16QAM

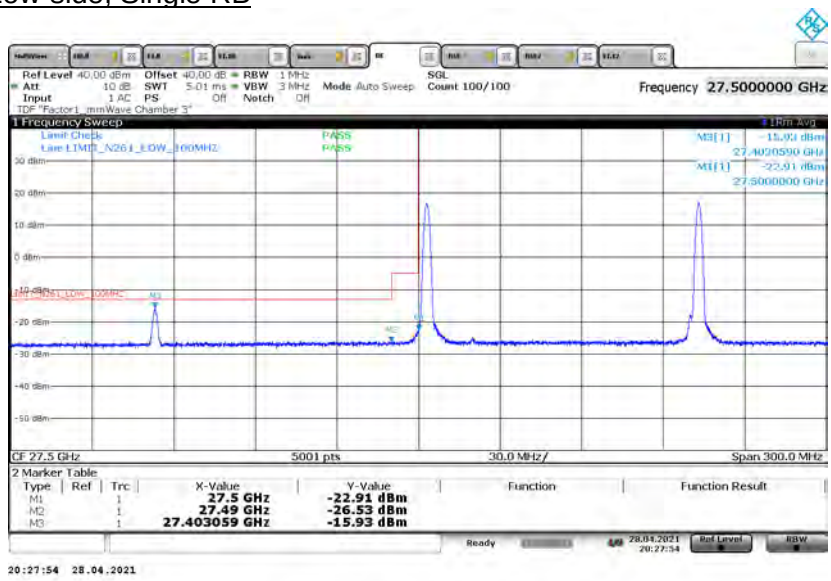
Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	50	L	1/0	27.5	-22.76	-5	-17.76
M1	50	L	1/0	27.495	-26.60	-13	-13.60
M2	50	L	1/0	27.5	-21.67	-5	-16.67
M2	50	L	1/0	27.495	-26.46	-13	-13.46
M1	50	H	1/31	28.35	-22.91	-5	-17.91
M1	50	H	1/31	28.355	-26.84	-13	-13.84
M2	50	H	1/31	28.35	-23.04	-5	-18.04
M2	50	H	1/31	28.355	-26.62	-13	-13.62

ANT M1 & M2, 50 MHz, SISO-DUAL, 2CC, 64QAM

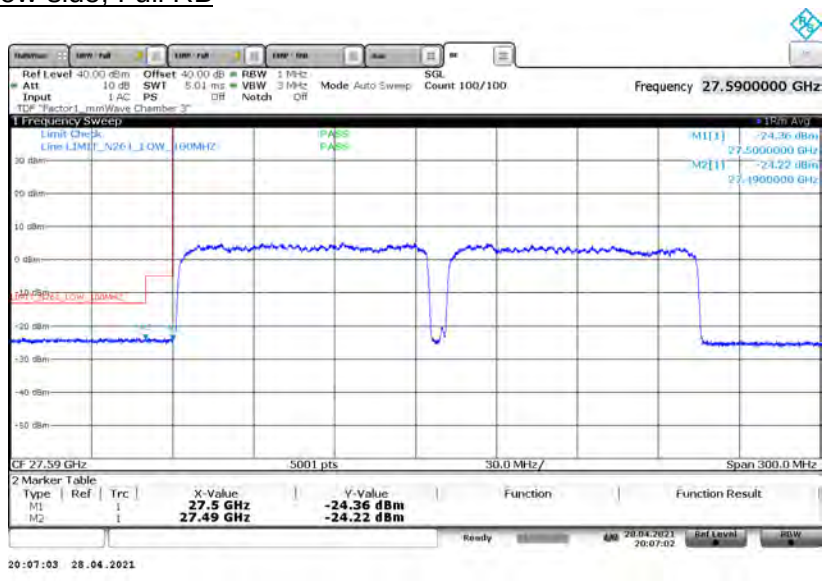
Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	50	L	1/0	27.5	-22.66	-5	-17.66
M1	50	L	1/0	27.495	-26.91	-13	-13.91
M2	50	L	1/0	27.5	-22.56	-5	-17.56
M2	50	L	1/0	27.495	-26.47	-13	-13.47
M1	50	H	1/31	28.35	-24.16	-5	-19.16
M1	50	H	1/31	28.355	-27.19	-13	-14.19
M2	50	H	1/31	28.35	-23.58	-5	-18.58
M2	50	H	1/31	28.355	-27.57	-13	-14.57

ANT M1, 100 MHz, SISO-DUAL, 2CC, QPSK

Low-side, Single RB

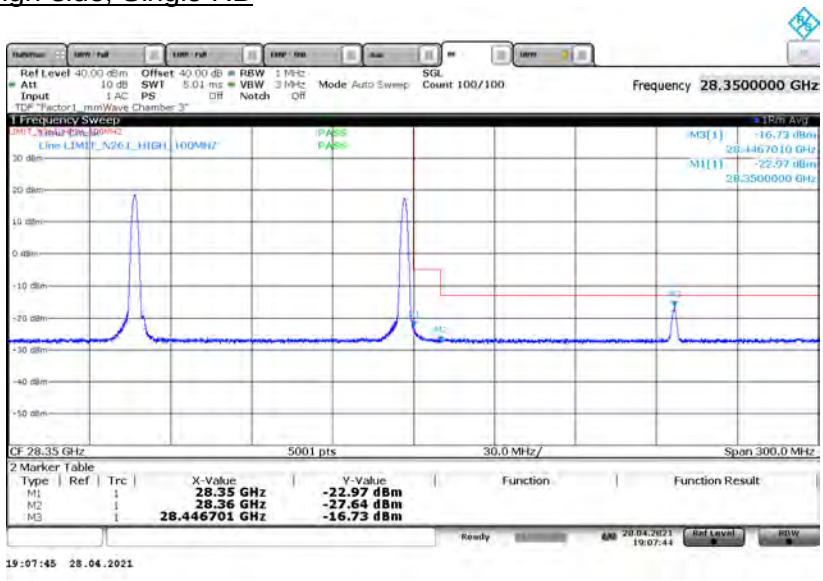


Low-side, Full RB

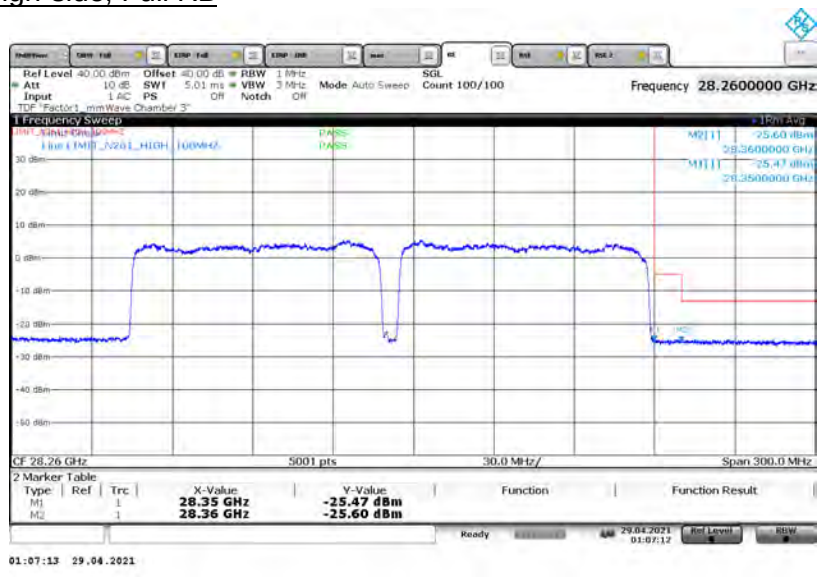


ANT M1, 100 MHz, SISO-DUAL, 2CC, QPSK

High-side, Single RB



High-side, Full RB



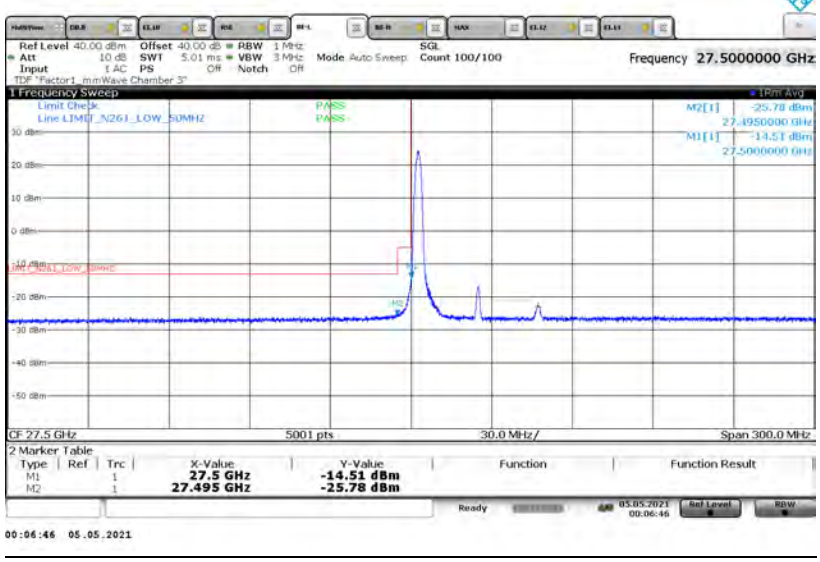
ANT M1, M0 & M2, 100 MHz, SISO-DUAL, 2CC, QPSK

Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	100	L	1/0	24.75	-22.91	-5	-17.91
M1	100	L	1/0	24.74	-26.53	-13	-13.53
M0	100	L	1/0	24.75	-25.25	-5	-20.25
M0	100	L	1/0	24.74	-27.00	-13	-14.00
M2	100	L	1/0	24.75	-22.96	-5	-17.96
M2	100	L	1/0	24.74	-26.55	-13	-13.55
M1	100	L	64/0	24.75	-24.36	-5	-19.36
M1	100	L	64/0	24.74	-24.22	-13	-11.22
M0	100	L	64/0	24.75	-26.24	-5	-21.24
M0	100	L	64/0	24.74	-26.63	-13	-13.63
M2	100	L	64/0	24.75	-24.48	-5	-19.48
M2	100	L	64/0	24.74	-24.67	-13	-11.67
M1	100	H	1/65	25.25	-22.97	-5	-17.97
M1	100	H	1/65	25.26	-27.64	-13	-14.64
M0	100	H	1/65	25.25	-25.30	-5	-20.30
M0	100	H	1/65	25.26	-27.43	-13	-14.43
M2	100	H	1/65	25.25	-22.92	-5	-17.92
M2	100	H	1/65	25.26	-27.28	-13	-14.28
M1	100	H	64/0	25.25	-25.47	-5	-20.47
M1	100	H	64/0	25.26	-25.60	-13	-12.60
M0	100	H	64/0	25.25	-27.01	-5	-22.01
M0	100	H	64/0	25.26	-27.04	-13	-14.04
M2	100	H	64/0	25.25	-25.14	-5	-20.14
M2	100	H	64/0	25.26	-25.89	-13	-12.89

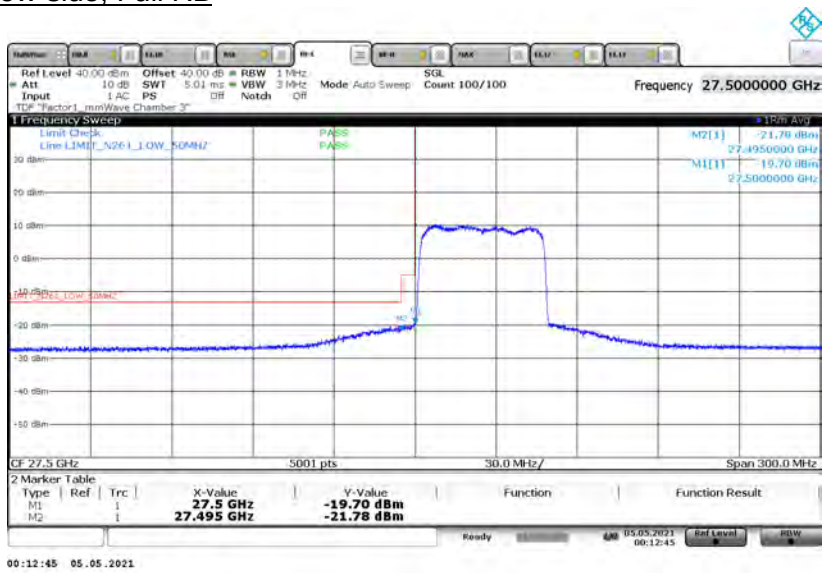
8.3.11. BAND EDGE n261 MIMO 1CC

ANT M1, 50 MHz, MIMO, 1CC, QPSK

Low-side, Single RB

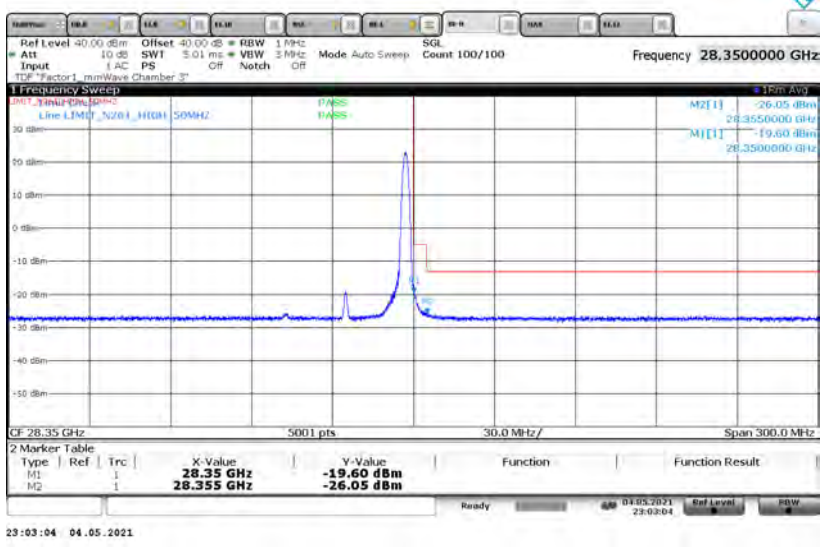


Low-side, Full RB

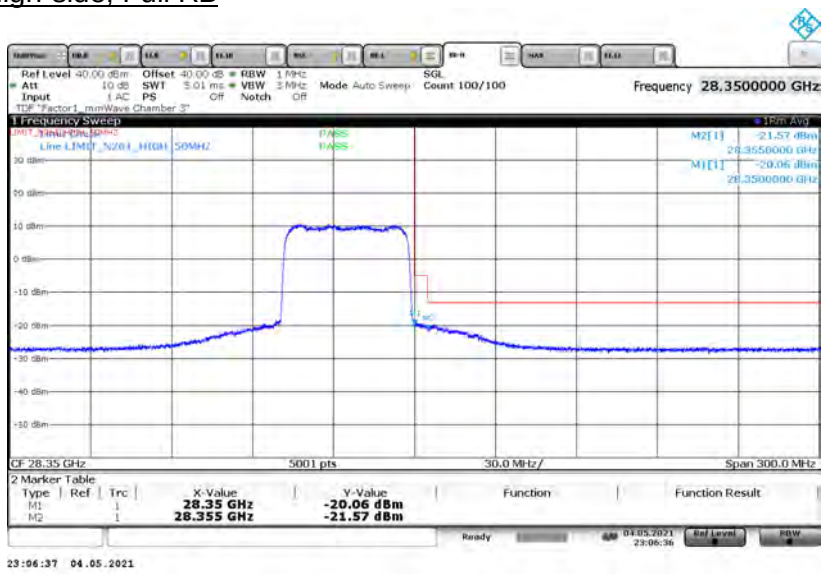


ANT M1, 50 MHz, MIMO, 1CC, QPSK

High-side, Single RB



High-side, Full RB

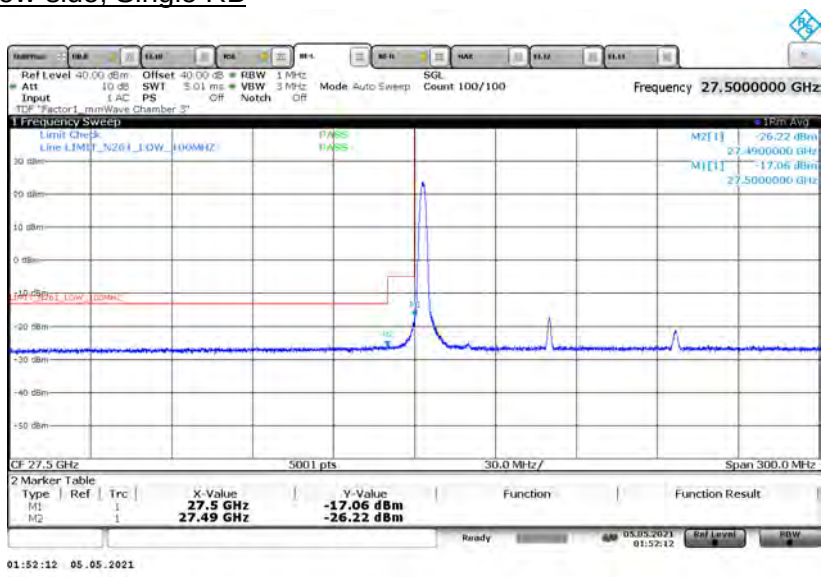


ANT M1, M0 & M2, 50 MHz, MIMO, 1CC, QPSK

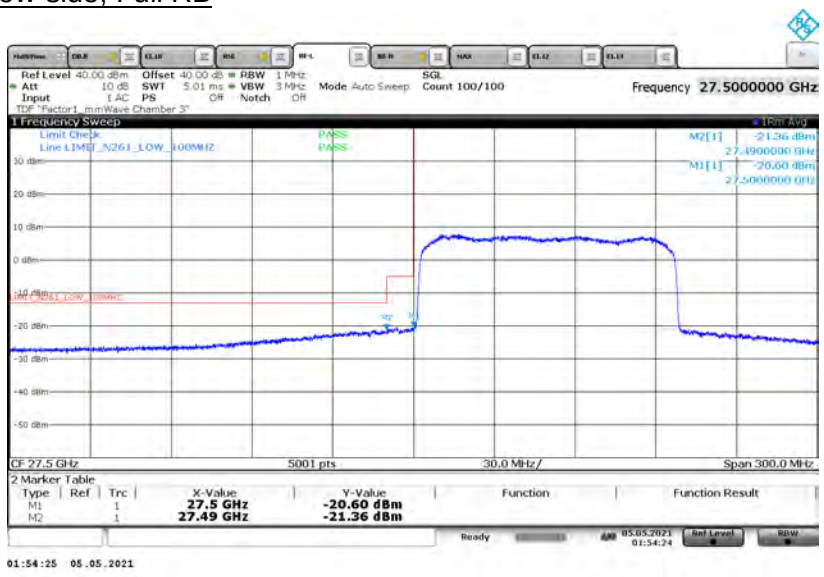
Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	50	L	1/0	27.5	-14.51	-5	-9.51
M1	50	L	1/0	27.495	-25.78	-13	-12.78
M0	50	L	1/0	27.5	-20.33	-5	-15.33
M0	50	L	1/0	27.495	-26.87	-13	-13.87
M2	50	L	1/0	27.5	-14.49	-5	-9.49
M2	50	L	1/0	27.495	-25.50	-13	-12.50
M1	50	L	32/0	27.5	-19.70	-5	-14.70
M1	50	L	32/0	27.495	-21.78	-13	-8.78
M0	50	L	32/0	27.5	-25.45	-5	-20.45
M0	50	L	32/0	27.495	-25.47	-13	-12.47
M2	50	L	32/0	27.5	-18.23	-5	-13.23
M2	50	L	32/0	27.495	-18.82	-13	-5.82
M1	50	H	1/31	28.35	-19.60	-5	-14.60
M1	50	H	1/31	28.355	-26.05	-13	-13.05
M0	50	H	1/31	28.35	-22.06	-5	-17.06
M0	50	H	1/31	28.355	-26.76	-13	-13.76
M2	50	H	1/31	28.35	-17.28	-5	-12.28
M2	50	H	1/31	28.355	-25.00	-13	-12.00
M1	50	H	32/0	28.35	-20.06	-5	-15.06
M1	50	H	32/0	28.355	-21.57	-13	-8.57
M0	50	H	32/0	28.35	-23.74	-5	-18.74
M0	50	H	32/0	28.355	-24.35	-13	-11.35
M2	50	H	32/0	28.35	-18.65	-5	-13.65
M2	50	H	32/0	28.355	-19.02	-13	-6.02

ANT M1, 100 MHz, MIMO, 1CC, QPSK

Low-side, Single RB

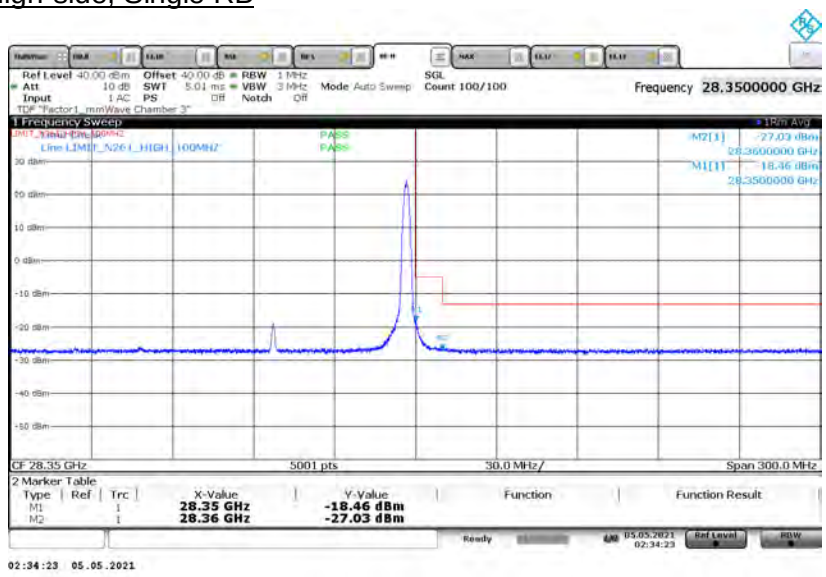


Low-side, Full RB

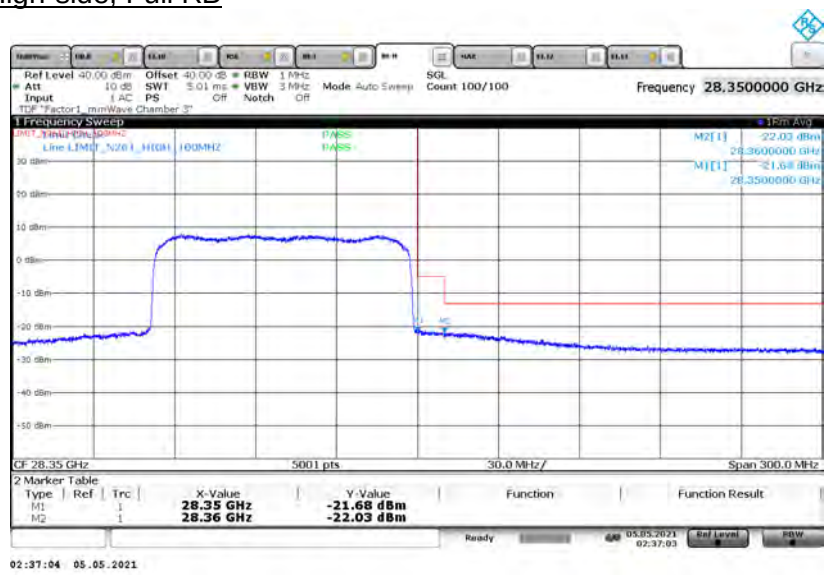


ANT M1, 100 MHz, MIMO, 1CC, QPSK

High-side, Single RB



High-side, Full RB



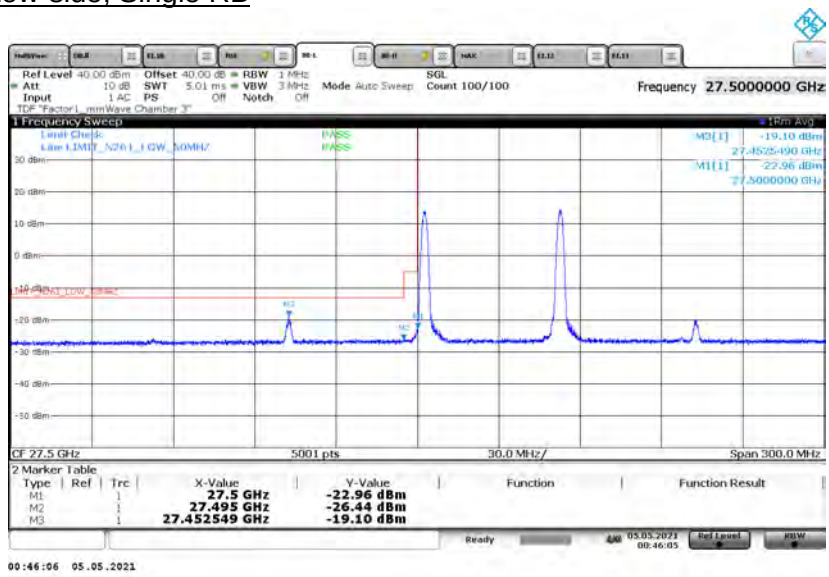
ANT M1, M0 & M2, 100 MHz, MIMO, 1CC, QPSK

Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	100	L	1/0	27.5	-17.06	-5	-12.06
M1	100	L	1/0	27.49	-26.22	-13	-13.22
M0	100	L	1/0	27.5	-23.38	-5	-18.38
M0	100	L	1/0	27.49	-27.20	-13	-14.20
M2	100	L	1/0	27.5	-16.82	-5	-11.82
M2	100	L	1/0	27.49	-26.71	-13	-13.71
M1	100	L	66/0	27.5	-20.60	-5	-15.60
M1	100	L	66/0	27.49	-21.36	-13	-8.36
M0	100	L	66/0	27.5	-25.68	-5	-20.68
M0	100	L	66/0	27.49	-26.15	-13	-13.15
M2	100	L	66/0	27.5	-21.96	-5	-16.96
M2	100	L	66/0	27.49	-22.68	-13	-9.68
M1	100	H	1/65	28.35	-18.46	-5	-13.46
M1	100	H	1/65	28.36	-27.03	-13	-14.03
M0	100	H	1/65	28.35	-24.30	-5	-19.30
M0	100	H	1/65	28.36	-26.70	-13	-13.70
M2	100	H	1/65	28.35	-18.54	-5	-13.54
M2	100	H	1/65	28.36	-26.95	-13	-13.95
M1	100	H	66/0	28.35	-21.68	-5	-16.68
M1	100	H	66/0	28.36	-22.03	-13	-9.03
M0	100	H	66/0	28.35	-25.20	-5	-20.20
M0	100	H	66/0	28.36	-25.70	-13	-12.70
M2	100	H	66/0	28.35	-21.18	-5	-16.18
M2	100	H	66/0	28.36	-22.01	-13	-9.01

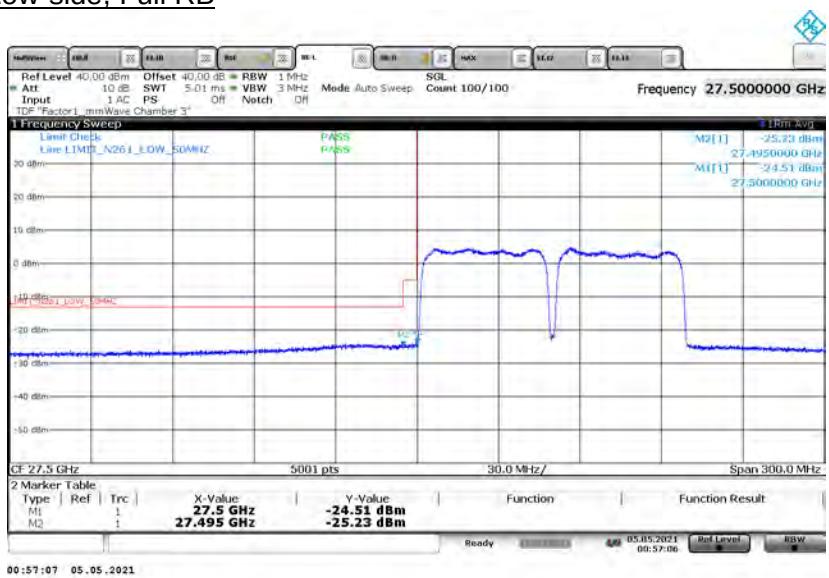
8.3.12. BAND EDGE n261 MIMO 2CC

ANT M1, 50 MHz, MIMO, 2CC, QPSK

Low-side, Single RB

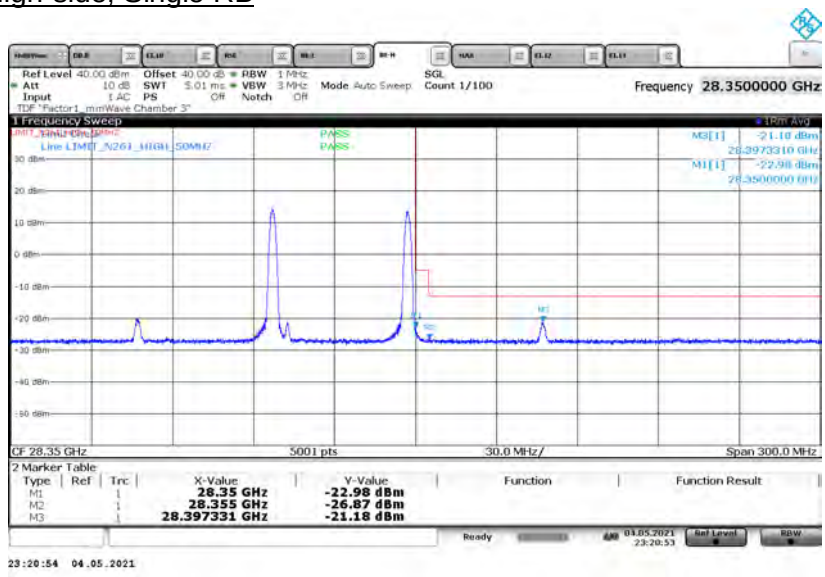


Low-side, Full RB

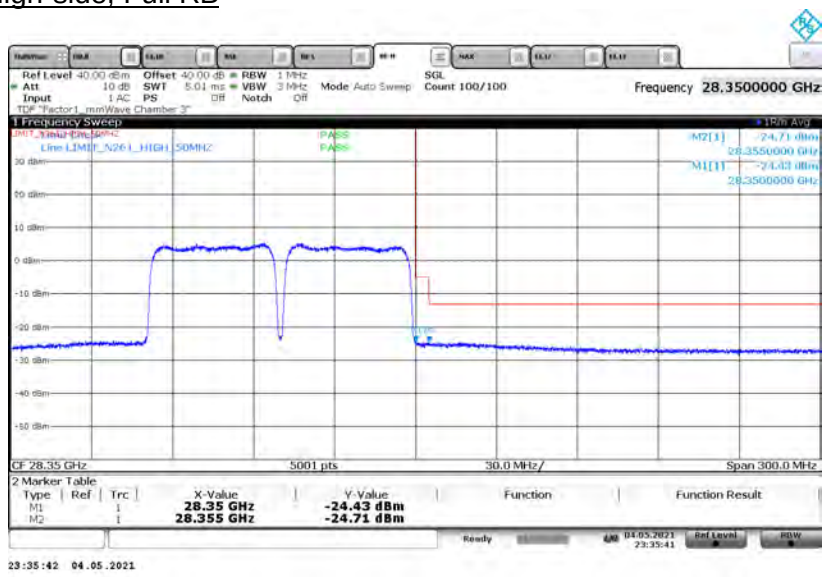


ANT M1, 50 MHz, MIMO, 2CC, QPSK

High-side, Single RB



High-side, Full RB

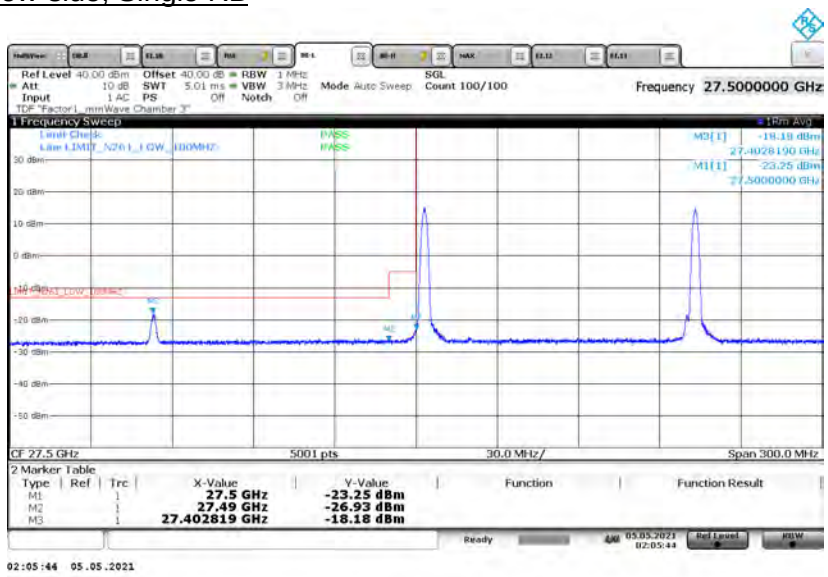


ANT M1, M0 & M2, 50 MHz, MIMO, 2CC, QPSK

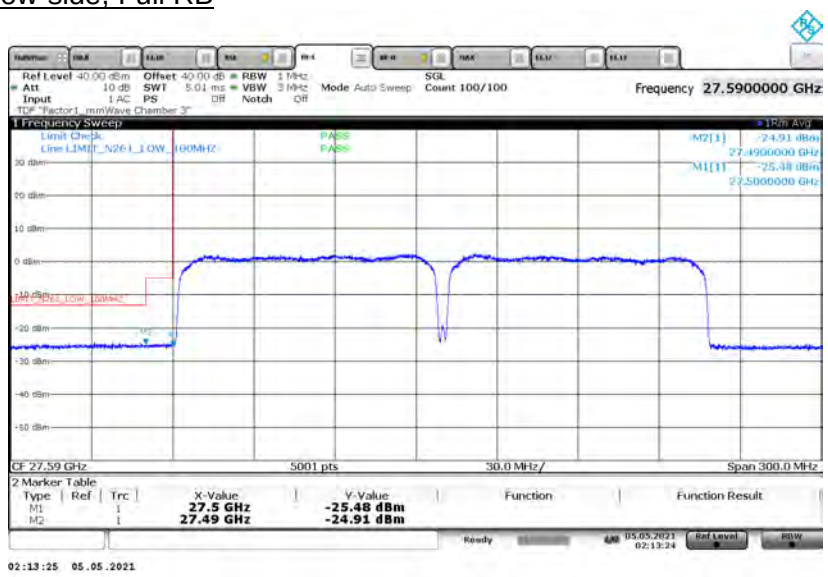
Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	50	L	1/0	27.5	-22.96	-5	-17.96
M1	50	L	1/0	27.495	-26.44	-13	-13.44
M0	50	L	1/0	27.5	-25.42	-5	-20.42
M0	50	L	1/0	27.495	-26.77	-13	-13.77
M2	50	L	1/0	27.5	-22.26	-5	-17.26
M2	50	L	1/0	27.495	-26.80	-13	-13.80
M1	50	L	32/0	27.5	-24.51	-5	-19.51
M1	50	L	32/0	27.495	-25.23	-13	-12.23
M0	50	L	32/0	27.5	-26.69	-5	-21.69
M0	50	L	32/0	27.495	-26.94	-13	-13.94
M2	50	L	32/0	27.5	-23.46	-5	-18.46
M2	50	L	32/0	27.495	-24.42	-13	-11.42
M1	50	H	1/31	28.35	-22.98	-5	-17.98
M1	50	H	1/31	28.355	-26.87	-13	-13.87
M0	50	H	1/31	28.35	-26.08	-5	-21.08
M0	50	H	1/31	28.355	-27.83	-13	-14.83
M2	50	H	1/31	28.35	-24.50	-5	-19.50
M2	50	H	1/31	28.355	-26.58	-13	-13.58
M1	50	H	32/0	28.35	-24.43	-5	-19.43
M1	50	H	32/0	28.355	-24.71	-13	-11.71
M0	50	H	32/0	28.35	-27.02	-5	-22.02
M0	50	H	32/0	28.355	-27.20	-13	-14.20
M2	50	H	32/0	28.35	-24.17	-5	-19.17
M2	50	H	32/0	28.355	-25.48	-13	-12.48

ANT M1, 100 MHz, MIMO, 2CC, QPSK

Low-side, Single RB

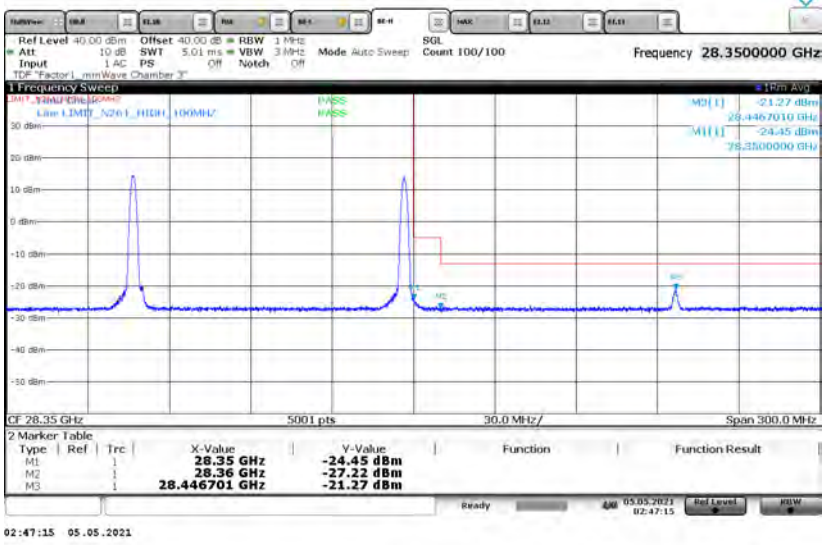


Low-side, Full RB

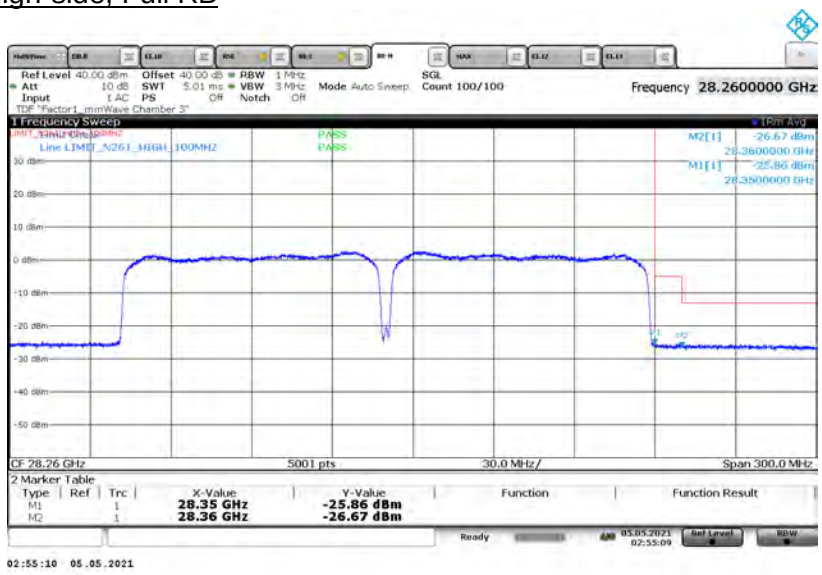


ANT M1, 100 MHz, MIMO, 2CC, QPSK

High-side, Single RB



High-side, Full RB



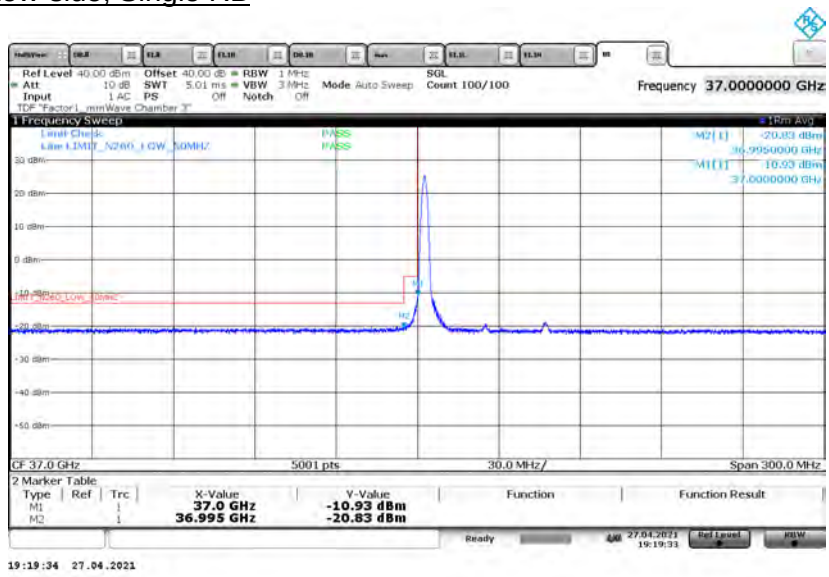
ANT M1, M0 & M2, 100 MHz, MIMO, 2CC, QPSK

Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	100	L	1/0	27.5	-23.25	-5	-18.25
M1	100	L	1/0	27.49	-26.93	-13	-13.93
M0	100	L	1/0	27.5	-25.99	-5	-20.99
M0	100	L	1/0	27.49	-26.55	-13	-13.55
M2	100	L	1/0	27.5	-24.43	-5	-19.43
M2	100	L	1/0	27.49	-27.36	-13	-14.36
M1	100	L	66/0	27.5	-25.48	-5	-20.48
M1	100	L	66/0	27.49	-24.91	-13	-11.91
M0	100	L	66/0	27.5	-26.79	-5	-21.79
M0	100	L	66/0	27.49	-26.82	-13	-13.82
M2	100	L	66/0	27.5	-24.72	-5	-19.72
M2	100	L	66/0	27.49	-25.07	-13	-12.07
M1	100	H	1/65	28.35	-24.45	-5	-19.45
M1	100	H	1/65	28.36	-27.22	-13	-14.22
M0	100	H	1/65	28.35	-26.26	-5	-21.26
M0	100	H	1/65	28.36	-27.11	-13	-14.11
M2	100	H	1/65	28.35	-25.17	-5	-20.17
M2	100	H	1/65	28.36	-27.40	-13	-14.40
M1	100	H	66/0	28.35	-25.86	-5	-20.86
M1	100	H	66/0	28.36	-26.67	-13	-13.67
M0	100	H	66/0	28.35	-27.27	-5	-22.27
M0	100	H	66/0	28.36	-27.89	-13	-14.89
M2	100	H	66/0	28.35	-26.37	-5	-21.37
M2	100	H	66/0	28.36	-25.89	-13	-12.89

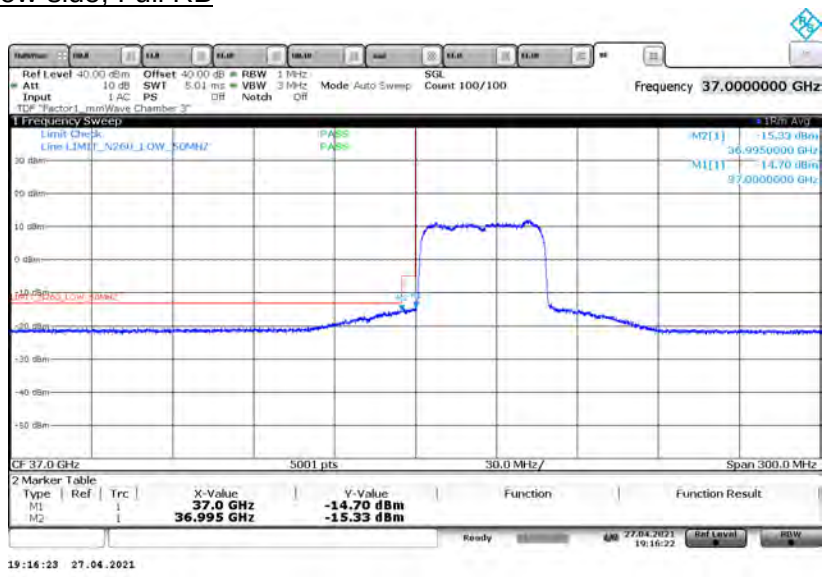
8.3.13. BAND EDGE n260 SISO-DUAL 1CC

ANT M1, 50 MHz, SISO-DUAL, 1CC, QPSK

Low-side, Single RB

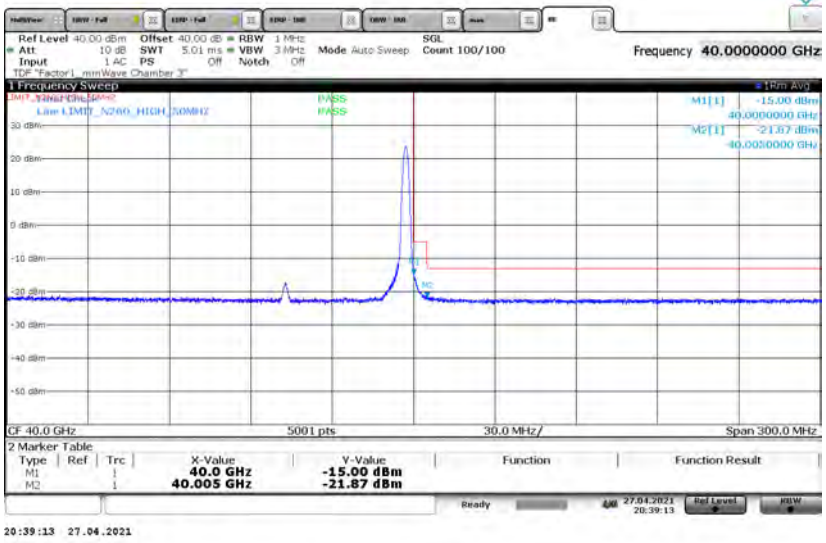


Low-side, Full RB

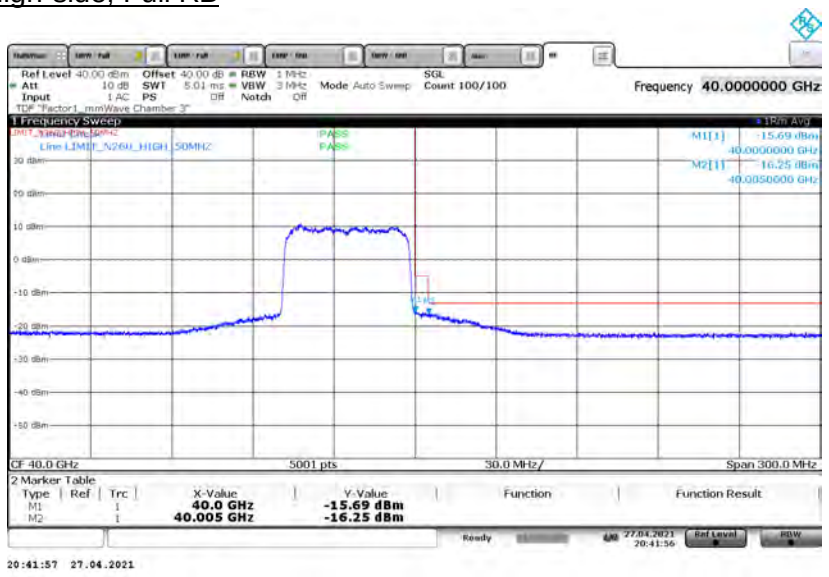


ANT M1, 50 MHz, SISO-DUAL, 1CC, QPSK

High-side, Single RB



High-side, Full RB



ANT M1, M0 & M2, 50 MHz, SISO-DUAL, 1CC, QPSK

Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	50	L	1/0	37	-10.93	-5	-5.93
M1	50	L	1/0	36.995	-20.83	-13	-7.83
M0	50	L	1/0	37	-17.59	-5	-12.59
M0	50	L	1/0	36.995	-21.31	-13	-8.31
M2	50	L	1/0	37	-12.40	-5	-7.40
M2	50	L	1/0	36.995	-21.20	-13	-8.20
M1	50	L	32/0	37	-14.70	-5	-9.70
M1	50	L	32/0	36.995	-15.33	-13	-2.33
M0	50	L	32/0	37	-20.82	-5	-15.82
M0	50	L	32/0	36.995	-20.78	-13	-7.78
M2	50	L	32/0	37	-16.81	-5	-11.81
M2	50	L	32/0	36.995	-17.55	-13	-4.55
M1	50	H	1/31	40	-15.00	-5	-10.00
M1	50	H	1/31	40.005	-21.87	-13	-8.87
M0	50	H	1/31	40	-20.38	-5	-15.38
M0	50	H	1/31	40.005	-22.81	-13	-9.81
M2	50	H	1/31	40	-13.95	-5	-8.95
M2	50	H	1/31	40.005	-21.06	-13	-8.06
M1	50	H	32/0	40	-15.69	-5	-10.69
M1	50	H	32/0	40.005	-16.25	-13	-3.25
M0	50	H	32/0	40	-22.64	-5	-17.64
M0	50	H	32/0	40.005	-22.51	-13	-9.51
M2	50	H	32/0	40	-14.79	-5	-9.79
M2	50	H	32/0	40.005	-15.70	-13	-2.70

ANT M1 & M2, 50 MHz, SISO-DUAL, 1CC, BPSK

Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	50	L	1/0	37	-9.31	-5	-4.31
M1	50	L	1/0	36.995	-20.63	-13	-7.63
M2	50	L	1/0	37	-12.76	-5	-7.76
M2	50	L	1/0	36.995	-21.36	-13	-8.36
M1	50	L	32/0	37	-16.37	-5	-11.37
M1	50	L	32/0	36.995	-19.66	-13	-6.66
M2	50	L	32/0	37	-18.29	-5	-13.29
M2	50	L	32/0	36.995	-20.28	-13	-7.28
M1	50	H	1/31	40	-14.69	-5	-9.69
M1	50	H	1/31	40.005	-21.76	-13	-8.76
M2	50	H	1/31	40	-15.27	-5	-10.27
M2	50	H	1/31	40.005	-21.43	-13	-8.43
M1	50	H	32/0	40	-18.69	-5	-13.69
M1	50	H	32/0	40.005	-21.73	-13	-8.73
M2	50	H	32/0	40	-17.12	-5	-12.12
M2	50	H	32/0	40.005	-19.58	-13	-6.58

ANT M1 & M2, 50 MHz, SISO-DUAL, 1CC, 16QAM

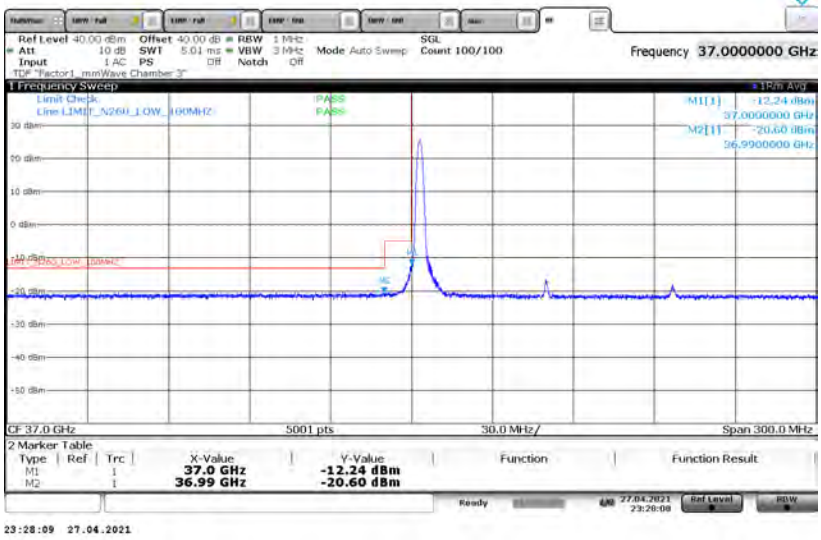
Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	50	L	1/0	37	-12.19	-5	-7.19
M1	50	L	1/0	36.995	-21.10	-13	-8.10
M2	50	L	1/0	37	-13.15	-5	-8.15
M2	50	L	1/0	36.995	-20.73	-13	-7.73
M1	50	L	32/0	37	-18.53	-5	-13.53
M1	50	L	32/0	36.995	-19.54	-13	-6.54
M2	50	L	32/0	37	-19.26	-5	-14.26
M2	50	L	32/0	36.995	-19.82	-13	-6.82
M1	50	H	1/31	40	-16.32	-5	-11.32
M1	50	H	1/31	40.005	-22.36	-13	-9.36
M2	50	H	1/31	40	-16.28	-5	-11.28
M2	50	H	1/31	40.005	-21.83	-13	-8.83
M1	50	H	32/0	40	-19.57	-5	-14.57
M1	50	H	32/0	40.005	-20.63	-13	-7.63
M2	50	H	32/0	40	-18.55	-5	-13.55
M2	50	H	32/0	40.005	-19.76	-13	-6.76

ANT M1 & M2, 50 MHz, SISO-DUAL, 1CC, 64QAM

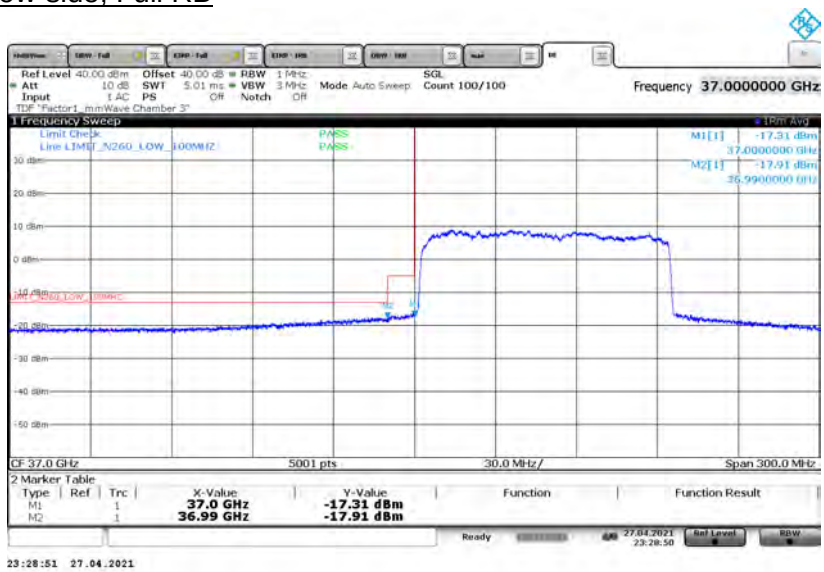
Antenna	BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
	(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
M1	50	L	1/0	37	-14.85	-5	-9.85
M1	50	L	1/0	36.995	-21.18	-13	-8.18
M2	50	L	1/0	37	-15.22	-5	-10.22
M2	50	L	1/0	36.995	-20.51	-13	-7.51
M1	50	L	32/0	37	-20.68	-5	-15.68
M1	50	L	32/0	36.995	-21.12	-13	-8.12
M2	50	L	32/0	37	-20.33	-5	-15.33
M2	50	L	32/0	36.995	-21.25	-13	-8.25
M1	50	H	1/31	40	-17.57	-5	-12.57
M1	50	H	1/31	40.005	-22.66	-13	-9.66
M2	50	H	1/31	40	-17.09	-5	-12.09
M2	50	H	1/31	40.005	-21.91	-13	-8.91
M1	50	H	32/0	40	-21.98	-5	-16.98
M1	50	H	32/0	40.005	-22.72	-13	-9.72
M2	50	H	32/0	40	-21.57	-5	-16.57
M2	50	H	32/0	40.005	-21.48	-13	-8.48

ANT M1, 100 MHz, SISO-DUAL, 1CC, QPSK

Low-side, Single RB

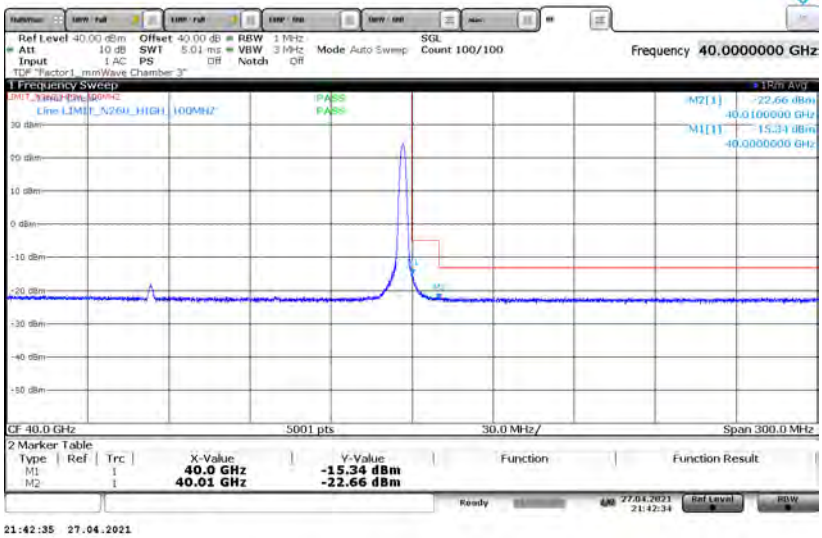


Low-side, Full RB



ANT M1, 100 MHz, SISO-DUAL, 1CC, QPSK

High-side, Single RB



High-side, Full RB