



Accred. no. 10363
Testing
ISO/IEC 17025



Report On

FCC Testing of the
Ericsson AIR 6472 B77G B77M, KRD 901 259/2, NR, (3450-3550 MHz
and 3840-3980 MHz) Base Station in accordance with FCC CFR 47
Part 2 and FCC CFR 47 Part 27

COMMERCIAL-IN-CONFIDENCE

FCC: TA8AKRD901259

PREPARED BY

A handwritten signature in black ink, appearing to read 'Maggie Whiting'.

Maggie Whiting
Key Account Manager

APPROVED BY

A handwritten signature in black ink, appearing to read 'Steve Scarfe'.

Steve Scarfe
Authorised Signatory

DATED

04 March 2025

Document 75958451 Report 02 Issue 2

March 2025



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SECTION 1

REPORT INFORMATION



1.1 REPORT DETAILS

Manufacturer	Ericsson
Address	Torshamnsgatan 23 Kista SE-16480 Stockholm Sweden
Product Name & Product Number	AIR 6472 B77G B77M - KRD 901 259/2
Serial Number(s)	Module 1 - C82A59521X Module 2 - C82A595297
Software Version	CXP2021151/1_R23B300
Hardware Version	R1C
Non-Tested Variant (See Section 1.11 Additional Information)	KRD 901 259/11 KRD 901 259/21
Test Specification/Issue/Date	FCC CFR 47 Part 2: 2024 FCC CFR 47 Part 27: 2024
Test Plan	General RA FCC Test Plan for AIR 6472 B77G B77M_SP6_H
Start of Test	16-January-2025
Finish of Test	23-February-2025
Name of Engineer(s)	Shashi Kiran Ashok Kumar Vinodhini Chandrasekaran Hector Trujillo
Related Document(s)	KDB 971168 D01 v02r02 KDB 662911 D01 v02r01 ANSI C63.26-2015 DA 23-142: February, 2023

This report has been amended to Issue 2 and should be read in pace of Issue 1. This report has been amended to Issue 2 to add the missing 70 MHz BW ITU Designation in the Declaration of Build State.

ENGINEERING STATEMENT

The measurements shown in this report were made in accordance with the procedures described on test pages. All reported testing was carried out on a sample equipment to demonstrate compliance with FCC CFR 47 Part 2: 2024 and FCC CFR 47 Part 27: 2024. The sample tested was found to comply with the requirements defined in the applied rules.

Test Engineer(s).

Ashok Kumar

Shashi Kiran

Vinodhini Chandrasekaran

Hector Trujillo



1.2 BRIEF SUMMARY OF RESULTS

The tests that have been selected are detailed in the customer Test Plan as defined in section 1.1 of this report. The Test Plan is based on the TÜV SÜD FCC Test Plan Rationale, available on request.

A brief summary of results for each configuration, in accordance with FCC CFR 47 Part 2 and , FCC CFR 47 Part 27 is shown below.

Section	Specification Clause		Test Description	Result
	FCC CFR 47 Part 2	FCC CFR 47 Part 27		
2.1	2.1046	27.50	Maximum Peak Output Power and Peak to Average Ratio - Conducted	Pass
2.2	2.1049	27.53	Occupied Bandwidth	Pass
2.3	2.1051	27.53	Band Edge	Pass
2.4	2.1051	27.53	Transmitter Spurious Emissions	Pass
2.5	2.1055	27.54	Frequency Stability	Pass
-	2.1053	27.53	Radiated Emissions	Pass*

- * - Testing for Radiated Spurious Emissions are recorded in the following report
- FCC Part 27 – Intertek Test Report reference 2410761STO-101_ FCC27

For additional configurations and test cases not contained within this test report, refer to the following reports:

TÜV SÜD Document 75958451 Report 01



1.3 TEST RATIONALE

The tests that have been selected are detailed in the customer Test Plan as defined in section 1.1 of this report. The Test Plan is based on the TÜV SÜD FCC Test Plan Rationale, available on request.

1.4 CONFIGURATION DESCRIPTION

Config No	No Of carriers	Band	Carrier Bandwidth	Carrier Frequency Configuration (MHz)				
				Channel position B (MHz)	Channel position M (MHz)	Channel position T (MHz)	Power (W) per carrier	Power (dBm) per RDNB connector
1*	1	77G	30 MHz 30 kHz SCS	3465	3500	3535	120	32.73
			50 MHz 30 kHz SCS	3475	3500	3525	200	34.95
			60 MHz 30 kHz SCS	3480	3500	3520	240	35.74
			70 MHz 30 kHz SCS	3485	3500	3515	280	36.41
			80 MHz 30 kHz SCS	3490	3500	3510	320	36.98
			90 MHz 30 kHz SCS	3495	3500	3505	320	36.98
2*	1	77G	30 MHz 30 kHz SCS	3465	3500	3535	99	31.89
			50 MHz 30 kHz SCS	3475	3500	3525	165	34.11
			60 MHz 30 kHz SCS	3480	3500	3520	198	34.9
			70 MHz 30 kHz SCS	3485	3500	3515	231	35.57
			80 MHz 30 kHz SCS	3490	3500	3510	264	36.15
			90 MHz 30 kHz SCS	3495	3500	3505	297	36.67
3*	2	77G	10 MHz 30 kHz SCS	3455	3495	3545	40	27.96
			10 MHz 30 kHz SCS	3465	3505	3535	40	27.96
		77G	20 MHz 30 kHz SCS	3460	3490	3540	80	30.97
			20 MHz 30 kHz SCS	3480	3510	3520	80	30.97
		77G	30 MHz 30 kHz SCS	3465	3485	3535	120	32.73
			30 MHz 30 kHz SCS	3495	3515	3505	120	32.73
		77G	40 MHz 30 kHz SCS	3470	3480	3530	160	33.97
			40 MHz 30 kHz SCS	3510	3520	3490	160	33.97
		77G	50 MHz 30 kHz SCS	**	3475	**	160	33.97
			50 MHz 30 kHz SCS	**	3525	**	160	33.97
4*	2	77G	10 MHz 30 kHz SCS	3455	3495	3545	33	27.12
			10 MHz 30 kHz SCS	3465	3505	3535	33	27.12
		77G	20 MHz 30 kHz SCS	3460	3490	3540	66	30.13
			20 MHz 30 kHz SCS	3480	3510	3520	66	30.13
		77G	30 MHz 30 kHz SCS	3465	3485	3535	99	31.89
			30 MHz 30 kHz SCS	3495	3515	3505	99	31.89
		77G	40 MHz 30 kHz SCS	3470	3480	3530	132	33.14
			40 MHz 30 kHz SCS	3510	3520	3490	132	33.14
		77G	50 MHz 30 kHz SCS	**	3475	**	160	33.98
			50 MHz 30 kHz SCS	**	3525	**	160	33.98
5*	3	77G	10 MHz 30 kHz SCS	3455	3500	3545	40	27.96
			10 MHz 30 kHz SCS	3465	3490	3535	40	27.96
			10 MHz 30 kHz SCS	3475	3510	3525	40	27.96
		77G	20 MHz 30 kHz SCS	3460	3500	3540	80	30.97
			20 MHz 30 kHz SCS	3480	3480	3520	80	30.97
			20 MHz 30 kHz SCS	3500	3520	3500	80	30.97
		77G	30 MHz 30 kHz SCS	3465	3500	3535	105	32.15
			30 MHz 30 kHz SCS	3495	3470	3505	105	32.15
			30 MHz 30 kHz SCS	3525	3530	3475	105	32.15
		77G	40 MHz 30 kHz SCS	3455	3500	3545	40	27.96
			40 MHz 30 kHz SCS	3465	3490	3535	40	27.96
			40 MHz 30 kHz SCS	3475	3510	3525	40	27.96
		77G	50 MHz 30 kHz SCS	3460	3500	3540	80	30.97
			50 MHz 30 kHz SCS	3480	3480	3520	80	30.97
			50 MHz 30 kHz SCS	3500	3520	3500	80	30.97

Config No	No Of carriers	Band	Carrier Bandwidth	Carrier Frequency Configuration (MHz)				
				Channel position B (MHz)	Channel position M (MHz)	Channel position T (MHz)	Power (W) per carrier	Power (dBm) per RDNB connector
6*	3	77G	10 MHz 30 kHz SCS	3455	3500	3545	33	27.12
			10 MHz 30 kHz SCS	3465	3490	3535	33	27.12
			10 MHz 30 kHz SCS	3475	3510	3525	33	27.12
		77G	20 MHz 30 kHz SCS	3460	3500	3540	66	30.13
			20 MHz 30 kHz SCS	3480	3480	3520	66	30.13
			20 MHz 30 kHz SCS	3500	3520	3500	66	30.13
		77G	30 MHz 30 kHz SCS	3465	3500	3535	99	31.89
			30 MHz 30 kHz SCS	3495	3470	3505	99	31.89
			30 MHz 30 kHz SCS	3525	3530	3475	99	31.89
7	2	77M	20 MHz 30 kHz SCS	3850	3900	3970	80	30.97
			20 MHz 30 kHz SCS	3870	3920	3950	80	30.97
		77M	40 MHz 30 kHz SCS	3860	3890	3960	160	33.97
			40 MHz 30 kHz SCS	3900	3930	3920	160	33.97
		77M	60 MHz 30 kHz SCS	3870	3940	3950	200	34.94
			60 MHz 30 kHz SCS	3930	3880	3890	200	34.94
8	2	77M	20 MHz 30 kHz SCS	3850	3900	3970	54	29.26
			20 MHz 30 kHz SCS	3870	3920	3950	54	29.26
		77M	40 MHz 30 kHz SCS	3860	3890	3960	108	32.27
			40 MHz 30 kHz SCS	3900	3930	3920	108	32.27
		77M	60 MHz 30 kHz SCS	3870	3940	3950	162	34.03
			60 MHz 30 kHz SCS	3930	3880	3890	162	34.03
9	3	77M	20 MHz 30 kHz SCS	3850	3910	3970	80	30.97
			20 MHz 30 kHz SCS	3870	3890	3930	80	30.97
			20 MHz 30 kHz SCS	3890	3930	3950	80	30.97
		77M	40 MHz 30 kHz SCS	3860	3910	3960	132	33.14
			40 MHz 30 kHz SCS	3900	3870	3880	132	33.14
			40 MHz 30 kHz SCS	3940	3950	3920	132	33.14
10	3	77M	20 MHz 30 kHz SCS	3850	3910	3970	54	29.26
			20 MHz 30 kHz SCS	3870	3890	3930	54	29.26
			20 MHz 30 kHz SCS	3890	3930	3950	54	29.26
		77M	40 MHz 30 kHz SCS	3860	3910	3960	108	32.27
			40 MHz 30 kHz SCS	3900	3870	3880	108	32.27
			40 MHz 30 kHz SCS	3940	3950	3920	108	32.27
11	4	77G	30 MHz 30 kHz SCS	3465	3500	3535	105	32.15
			30 MHz 30 kHz SCS	3495	3470	3505	105	32.15
			30 MHz 30 kHz SCS	3525	3530	3475	105	32.15
		77M	20 MHz 30 kHz SCS	3850	3910	3970	80	30.97
12	4	77G	30 MHz 30 kHz SCS	3465	3500	3535	99	31.89
			30 MHz 30 kHz SCS	3495	3470	3505	99	31.89
			30 MHz 30 kHz SCS	3525	3530	3475	99	31.89
		77M	20 MHz 30 kHz SCS	3850	3910	3970	54	29.26
13	4	77G	50 MHz 30 kHz SCS	3475	3475	3475	150	33.69
			50 MHz 30 kHz SCS	3525	3525	3525	150	33.69
		77M	20 MHz 30 kHz SCS	3850	3900	3970	50	28.92
			20 MHz 30 kHz SCS	3870	3920	3950	50	28.92
14	4	77G	50 MHz 30 kHz SCS	3475	3475	3475	150	33.70
			50 MHz 30 kHz SCS	3525	3525	3525	150	33.70
		77M	20 MHz 30 kHz SCS	3850	3900	3970	50	28.93
			20 MHz 30 kHz SCS	3870	3920	3950	50	28.93

Config No	No Of carriers	Band	Carrier Bandwidth	Carrier Frequency Configuration (MHz)				
				Channel position B (MHz)	Channel position M (MHz)	Channel position T (MHz)	Power (W) per carrier	Power (dBm) per RDNB connector
15	4	77G	70 MHz 30 kHz SCS	3485	3500	3515	210	35.16
		77M	20 MHz 30 kHz SCS	3850	3910	3970	60	29.71
			20 MHz 30 kHz SCS	3870	3890	3930	60	29.71
			20 MHz 30 kHz SCS	3890	3930	3950	60	29.71
16	4	77G	70 MHz 30 kHz SCS	3485	3500	3515	210	35.16
		77M	20 MHz 30 kHz SCS	3850	3910	3970	54	29.26
			20 MHz 30 kHz SCS	3870	3890	3930	54	29.26
			20 MHz 30 kHz SCS	3890	3930	3950	54	29.26
17	2	77G	30 MHz 30 kHz SCS	3465	3500	3535	120	32.73
		77M	20 MHz 30 kHz SCS	3850	3910	3970	80	30.97
		77G	50 MHz 30 kHz SCS	3475	3500	3525	200	34.95
		77M	20 MHz 30 kHz SCS	3850	3910	3970	80	30.97
		77G	60 MHz 30 kHz SCS	3480	3500	3520	240	35.74
		77M	20 MHz 30 kHz SCS	3850	3910	3970	80	30.97
		77G	70 MHz 30 kHz SCS	3485	3500	3515	280	36.41
		77M	20 MHz 30 kHz SCS	3850	3910	3970	80	30.97
		77G	80 MHz 30 kHz SCS	3490	3500	3510	320	36.98
		77M	20 MHz 30 kHz SCS	3850	3910	3970	80	30.97
		77G	90 MHz 30 kHz SCS	3495	3500	3505	320	36.98
		77M	20 MHz 30 kHz SCS	3850	3910	3970	80	30.97
18	2	77G	30 MHz 30 kHz SCS	3465	3500	3535	99	31.89
		77M	20 MHz 30 kHz SCS	3850	3910	3970	54	29.26
		77G	50 MHz 30 kHz SCS	3475	3500	3525	165	34.11
		77M	20 MHz 30 kHz SCS	3850	3910	3970	54	29.26
		77G	60 MHz 30 kHz SCS	3480	3500	3520	198	34.9
		77M	20 MHz 30 kHz SCS	3850	3910	3970	54	29.26
		77G	70 MHz 30 kHz SCS	3485	3500	3515	231	35.57
		77M	20 MHz 30 kHz SCS	3850	3910	3970	54	29.26
		77G	80 MHz 30 kHz SCS	3490	3500	3510	264	36.15
		77M	20 MHz 30 kHz SCS	3850	3910	3970	54	29.26
		77G	90 MHz 30 kHz SCS	3495	3500	3505	297	36.67
		77M	20 MHz 30 kHz SCS	3850	3910	3970	54	29.26

*Note – In these carrier configurations B77M was in the operated mode but not tested, as B77G cannot be operated in single band mode.

** Note - The BW is 2 x 50 MHz which is equal to the IBW of 100 MHz and therefore testing was performed on Channel Position M only.

1.5 DECLARATION OF BUILD STATUS

Equipment Description	AIR Antenna Integrated Radio AAS		
Manufacturer:	Ericsson AB		
Model:	AIR 6472 B77G B77M		
Part Number:	KRD 901 259/11** Radio including AFU (Antenna Filter Unit) Secure looked. KRD 901 259/2* Radio including VFU (Verification Filter Unit, excluding antenna), Secure Unlocked. Note**: This will be the marketed, sold unit. Note*: Tested unit		
Hardware Version:	R1C		
Software Version:	CXP2021151/1_R23B300		
FCC ID of the product under test	TA8AKRD901259		
Intentional Radiators			
	Both bands	B77G	B77M
RAT	NR		
Frequency Range (MHz to MHz)		3450 MHz - 3550 MHz	3840 MHz - 3980 MHz
Conducted Declared Output Power (dBm)	38 dBm per TAB		
Antenna Gain (dBi)	For Band G carrier(s), see column B77G, for band M carrier(s), see column B77M.	B, M, T : 26.4 for all BW except BW.20: B:26.0/ M:26.4 / T:26.32	B, M, T : 27.4 for all BW except BW.20: B:27.04/ M: 27.4/T:27.04
Supported Bandwidth(s) (MHz)		10, 20, 30,40,50, 60, 70, 80,90 ,100 MHz	20,40, 60, 80,100 MHz
Modulation Scheme(s)	QPSK,16QAM, 64QAM, 256QAM		
Total RF BW (BWtot), Max.Base Station RF BW	530MHz		
Maximum Operational BW	200 MHz	100 MHz	140 MHz
ITU Emission Designator		BW:10MHz:8M63W7D, BW:20MHz:18M2W7D, BW:40MHz:37M8W7D, BW:100MHz:97M2W7D, CA:(10+10)MHz:18M6W7D	BW:20MHz:18M2W7D, BW:40MHz:37M9W7D, BW:60MHz:57M8W7D, BW:80MHz:77M4W7D, BW:100MHz:97M3W7D
ITU Emission Designator(additional BW's)		BW:30MHz:27M9W7D, BW:50MHz:47M5W7D, BW:60MHz:57M7W7D, BW:70MHz:67M3W7D, BW:80MHz:77M4W7D, BW:90MHz:87M3W7D	No additional BW.
ITU Emission Designator (2carriers CA)		(10+10)MHz:18M6W7D, (20+20)MHz:38M1W7D, (30+30)MHz:57M6W7D, (40+40)MHz:77M7W7D, (50+50)MHz:97M0W7D,	(20+20)MHz:38M4W7D, (40+40)MHz:77M6W7D, (60+60)MHz:117M4W7D,
ITU Emission Designator (3 carriers CA)		(10+10+10)MHz:28M6W7D , (20+20+20)MHz:58M0W7D , (30+30+30)MHz:87M2W7D ,	(20+20+20)MHz:58M0W7D, (40+40+40)MHz:117M3W7D ,

Duty Cycle	73%-74%		
Total Horizontal Plane Beamwith		65°±5	65°±5
Maximum number of carriers	Up to 4 carriers,	Up to 3carriers,	Up to 3 carriers,
CarrierAggregation	yes	yes	Yes
Maximum Total Power	400W	320W	400W
Max Power per carrier	4W/MHz		
Sub Carrier Spacing (NR only)	30 kHz		
Unintentional Radiators			
Highest frequency generated or used in the device or on which the device operates or tunes	CPRI 25,78 GHz		
Lowest frequency generated or used in the device or on which the device operates or tunes if <30MHz	-		
Class B Digital Device	Class B		
DC Power Supply (Delete if Not Applicable)			
Nominal voltage:	-48V		
Operating Voltage:	-53.22V		
Extreme upper voltage:	-58.5V		
Extreme lower voltage:	-36V		
Max current:	50A		
Temperature			
Minimum temperature:	-40°C		
Maximum temperature:	55°C		
Antenna Characteristics			
Temporary antenna connector (Delete if Not Applicable)	50 Ohm		
Integral antenna (Delete if Not Applicable)	Type:	AAS (Advanced Antenna System)	
I hereby declare that I am entitled to sign on behalf of the manufacturer and that the information supplied is correct and complete.			
Name:	Afrah Ali Sadiq	Signature:	
Position held:	Regulatory Approval Engineer	Telephone number:	+.46724650796
Email address:	Afrah.ali.sadiq@ericsson.com	Date:	03/03/2025

No responsibility will be accepted by TÜV SÜD as to the accuracy of the information declared in this document by the manufacturer.

1.6 PRODUCT INFORMATION

1.6.1 Technical Description

The Equipment Under Test (EUT) AIR 6472 B77G B77M - KRD 901 259/2 is an Ericsson AB Radio Unit working in the public mobile service Band 77G band which provides communication connections to Band 77G network.

The EUT is declared as operating from a nominal -48V DC supply.

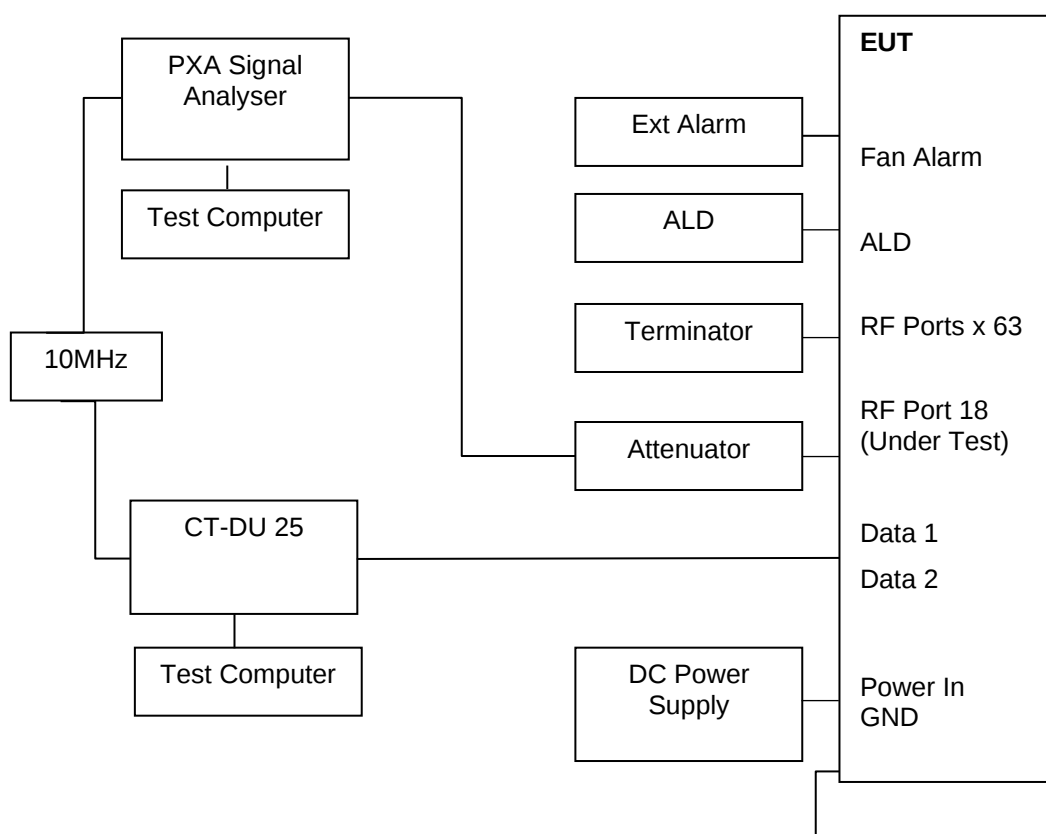
The Equipment Under Test (EUT) is shown in the photograph below. A full technical description can be found in the Manufacturer's documentation.



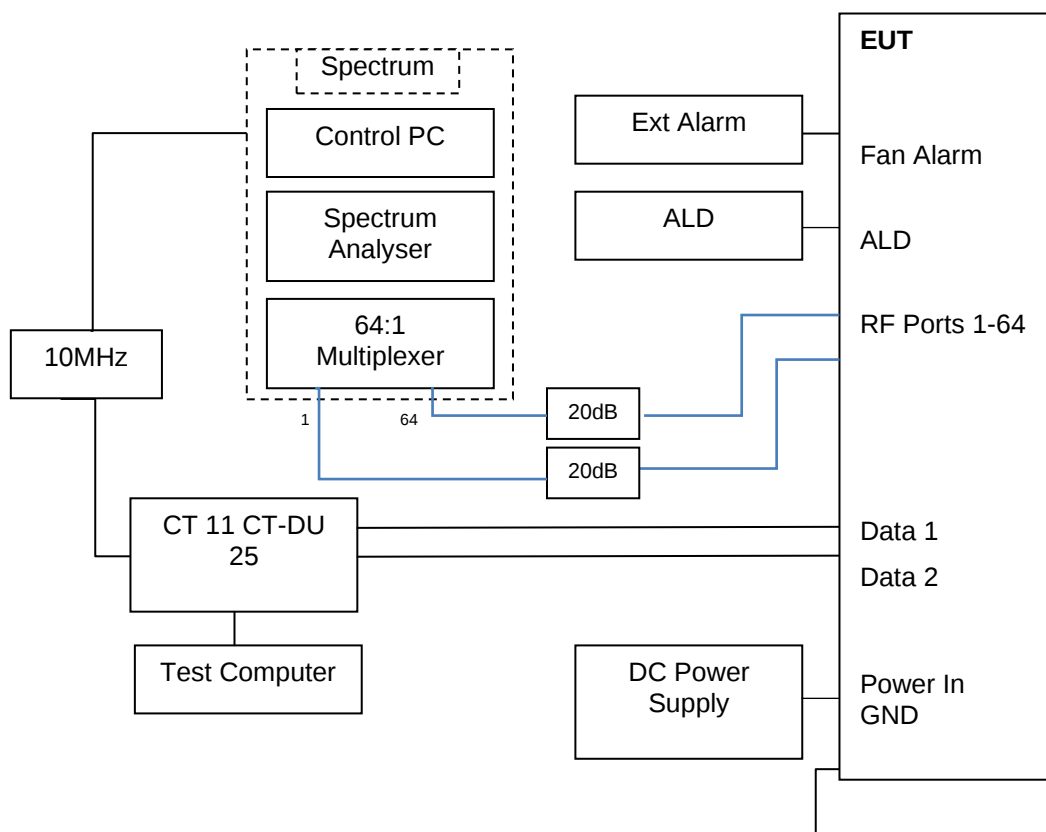
Equipment Under Test

1.7 TEST SETUP

Conducted Test Set Up – Power, PSD, PAR, Occupied Bandwidth, Band Edge, Conducted Emissions

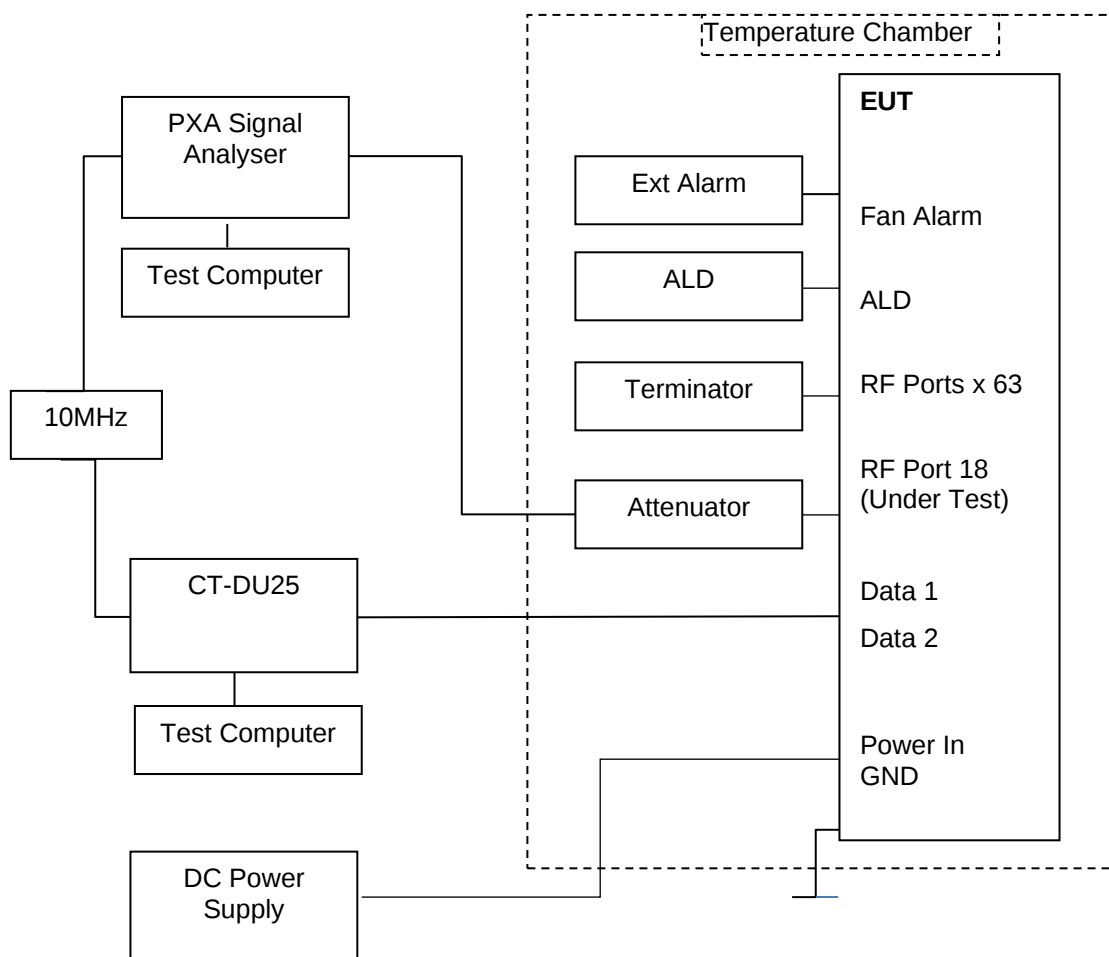


Conducted Test Set Up, Power, PSD, PAR



Conducted Test Set Up – Frequency Stability

Dashed line indicates equipment inside the Temperature Chamber for testing





1.8 TEST CONDITIONS

For all tests the EUT was set up in accordance with the relevant test standard and to represent typical operating conditions. Tests were applied with the EUT situated as described in the Test Method for each Test.

The EUT was powered from a -53.22 V DC supply unless otherwise stated.

FCC Measurement Facility Registration Number
563983 Ericsson Test Laboratory, Kista
Postal Address: Ericsson AB, Isafjordsgatan 10, Stockholm, SE-16 440, Sweden

Under our group Swedac Accreditation, TÜV SÜD Sverige conducted the following tests
Ericsson Test Lab, Kista.

Test Name	Name of Engineer(s)	Module Number
Maximum Peak Output Power and Peak to Average Ratio - Conducted	Ashok Kumar/Shashi Kiran	1
Occupied Bandwidth	Ashok Kumar/Shashi Kiran	1
Band Edge	Ashok Kumar/Shashi Kiran	1
Transmitter Spurious Emissions	Ashok Kumar/Shashi Kiran	1
Frequency Stability	Vinodhini Chandrasekaran/ Hector Trujillo	2

1.9 DEVIATION FROM THE STANDARD

Waiver DA-23-142A1

The Petitioner's radio, when operated in carrier aggregation mode across the 3.5 GHz and 3.7 GHz Services must comply with section 27.53(n)(1) of the Commission's rules in its entirety, except for the -25 dBm/MHz conducted power limit specified for emissions above 3560 MHz and the -40 dBm/MHz conducted power limit above 3570 MHz, as those limits apply throughout the 3.7 GHz band;

Petitioner's radio must comply with all Commission rules not specifically waived herein; and when operating as a standalone device in any particular band, the device must meet the technical rules, including OOB, for that band.

No other deviations from the applicable test standards or test plan were made during testing.

1.10 MODIFICATION RECORD

No modifications were made to the EUT during testing.



1.11 ADDITIONAL INFORMATION

This filing is for a Class 2 Permissive change to add NR bandwidths, 3 carriers per single band and 4 carriers per Multiband to a previously certified Radio for use in the USA under the following ID:

FCC ID: TA8AKRD901259

Ericsson will limit this product through the software from operating across the whole of Band 77, it will be limited to 3450-3550 MHz and 3840-3980 MHz

This device is electrically identical as originally certified as no hardware changes have been made.

The Test Plan is based on the TUV SUD Document FCC and ISSED Test Plan Rationale for Base Station Equipment.

Pre-testing was performed in accordance with the Test Plan to establish the worst-case Port, modulation schemes.

Band 77G

The port with the highest power, worst case port was port 18

Worst case modulation was 16QAM, however Ericsson were not ready with the configuration for this modulation and so they chose to test with , the “next worst modulation” which is 64QAM

64QAM.

Worst case bandwidth was 70 MHz (NR)

In Band 77G the Maximum RF Operational Bandwidth per band is 100MHz, therefore the worse cases chosen for multi carriers (2C) are 50MHz bandwidth and worse case for multi carriers (3C) are 30MHz bandwidth.

Band 77M

The port with the highest power, worst case port was port 18

Worst case modulation was QPSK (NR)

Worst case bandwidth was 20 MHz (NR)

Band Band 77G+Band 77M

The port with the highest power, worst case port was port 18

Worst case modulation was 64QAM (77G) and QPSK (77M)

Worst case bandwidth was 30MHz (77G) and 20 MHz (77M)

With the exception as stated for Band 77G, these worst-case results are presented in this report to demonstrate compliance.

This EUT uses the same port for Tx and Rx and therefore RX Spurious Emissions has not been performed. Rx Spurious Emissions have been covered by testing to FCC Part 15B, which are covered by a separate test report.

Ericsson have provided the following details about the variants of the AIR 6472 B77G B77M

KRD 901 259/11** Radio including AFU (Antenna Filter Unit) Security Locked.

KRD 901 259/2* Radio including VFU (Verification Filter Unit, excluding antenna), Security Unlocked.

Note**: This will be the marketed, sold unit.

Note*: Tested unit

The KRD 901 259/11 is equivalent to KRD 901 259/2 in conducted radio performance terms, as such no extra testing is required to prove conformity.



The following PSD restrictions apply:

- B77G with max 3.3 W/MHz PSD is classified with FCC Non-Rural EIRP limit
- B77M with max 2.7 W/MHz PSD is classified with FCC Non-Rural EIRP limit
- The product is HW limited to 4 W/MHz PSD

To expedite testing two AIR 6472 B77G B77M radios were used, the Hardware and Software Versions were identical. The table in Section 1.8 indicates which units were used for which tests and refers to them throughout as Module 1 and Module 2.

Throughout this report the power unit dBm is used. dBm is a unit of level used to indicate that a power level is expressed in decibels (dB) with reference to one milliwatt (mW). It is used as a convenient measure of absolute power because of its capability to express both very large and very small values in a short form.

Testing shows Regulatory Compliance for the AIR 6472 B77G B77M, KRD 901 259/2 .



SECTION 2

TEST DETAILS



2.1 MAXIMUM PEAK OUTPUT POWER AND PEAK TO AVERAGE RATIO - CONDUCTED

2.1.1 Specification Reference

FCC CFR 47 Part 27, Clause 27.50
FCC CFR 47 Part 2, Clause 2.1046

2.1.2 Date of Test and Modification State

20, 24, 27, 28, 29, 31 January and 03, 04, 05,13-February-2025 - Modification State 0

2.1.3 Test Equipment Used

The major items of test equipment used for the above tests are identified in Section 3.1.

2.1.4 Environmental Conditions

Ambient Temperature	20.9 – 22.8°C
Relative Humidity	31.8 - 35.4%

2.1.5 Test Method

All measurements were made in accordance with FCC KDB 971168 D01, clause 5.2.1 and summed in accordance with FCC KDB 662911 D01.

Plot data performance for all transmitter ports are on file and available on request.

Measurements and calculations for In Band Power Spectral Density (PSD) have been made either in accordance with FCC KDB 662911 D01 V02r01 E 2) a) and ANSI C63.26.6.4.3.2.2 for In-Band Power Spectral Density (PSD) Measurements, Measure and sum the spectra across the outputs or in accordance with FCC KDB 662911 D01 V02r01 E 2) c) and ANSI C63.26.6.4.3.2.4 Measure and add [10 log (Nout)] dB using the following calculation

Calculations:

Total power = Measured Output Power (port x, worst case) + 10log (NANT) + Declared Antenna Gain

Where NANT refers to the number of Ports

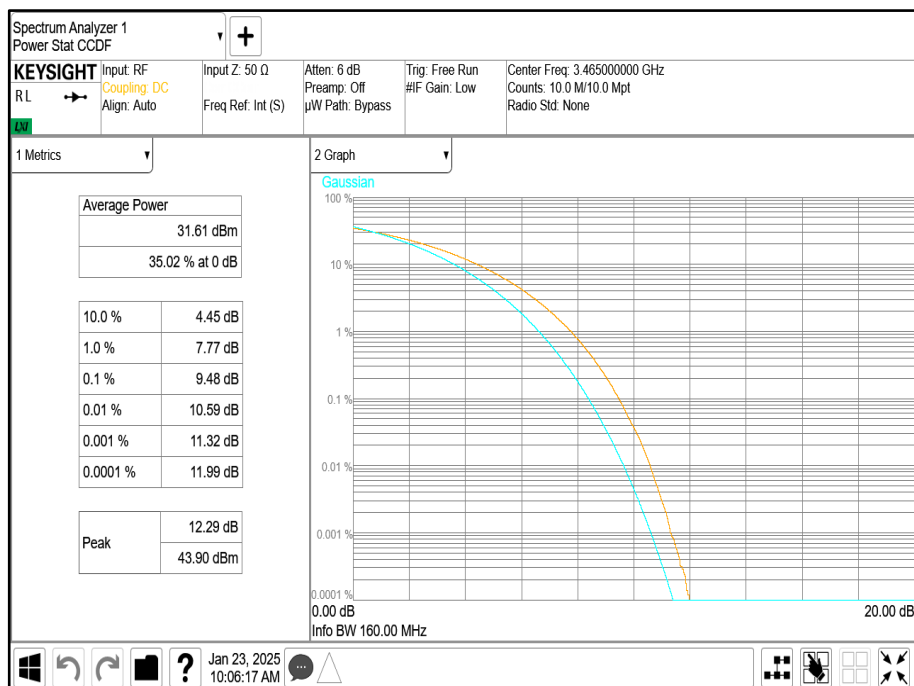
2.1.6 Test Results

Configuration 1

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position B							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	64QAM	30.0 MHz 30 kHz SCS	9.48	32.33	18.22	50.39	36.28	26.40	62.68	2.47
18	64QAM	50.0 MHz 30 kHz SCS	9.29	34.74	18.10	52.80	36.16	26.40	62.56	2.59
18	64QAM	60.0 MHz 30 kHz SCS	9.30	35.31	17.96	53.37	36.02	26.40	62.42	2.73
18	64QAM	70.0 MHz 30 kHz SCS	8.89	35.99	17.92	54.05	35.98	26.40	62.38	2.77
18	64QAM	80.0 MHz 30 kHz SCS	8.97	35.77	17.30	53.83	35.36	26.40	61.76	3.39
18	64QAM	90.0 MHz 30 kHz SCS	8.61	35.67	16.61	53.73	34.67	26.40	61.07	4.08

Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 30.0 MHz 30 kHz SCS - Channel Position B



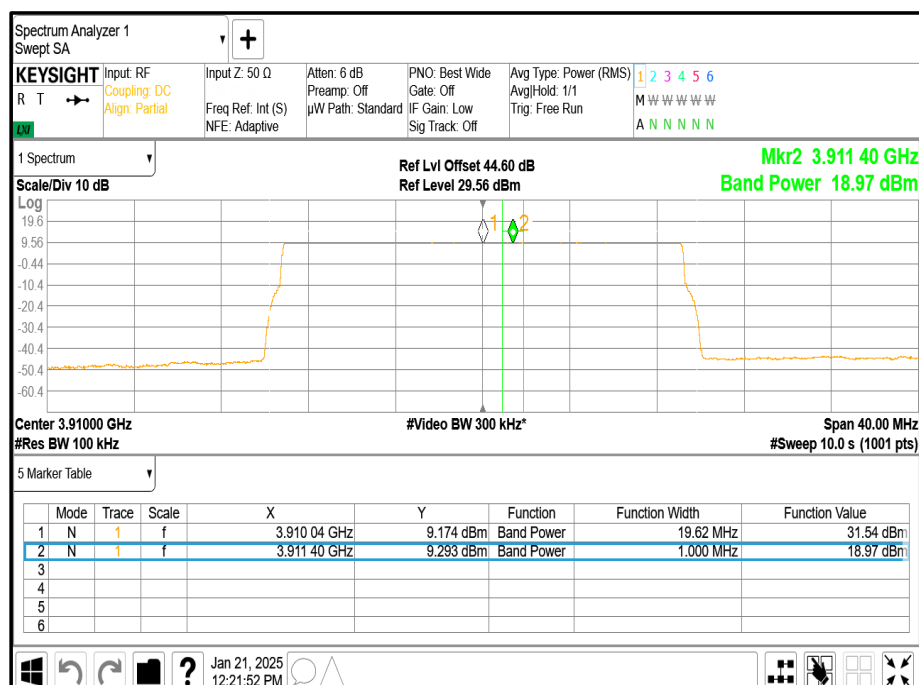
Configuration 1

Maximum Output Power - see Section 1.4 Configuration Description

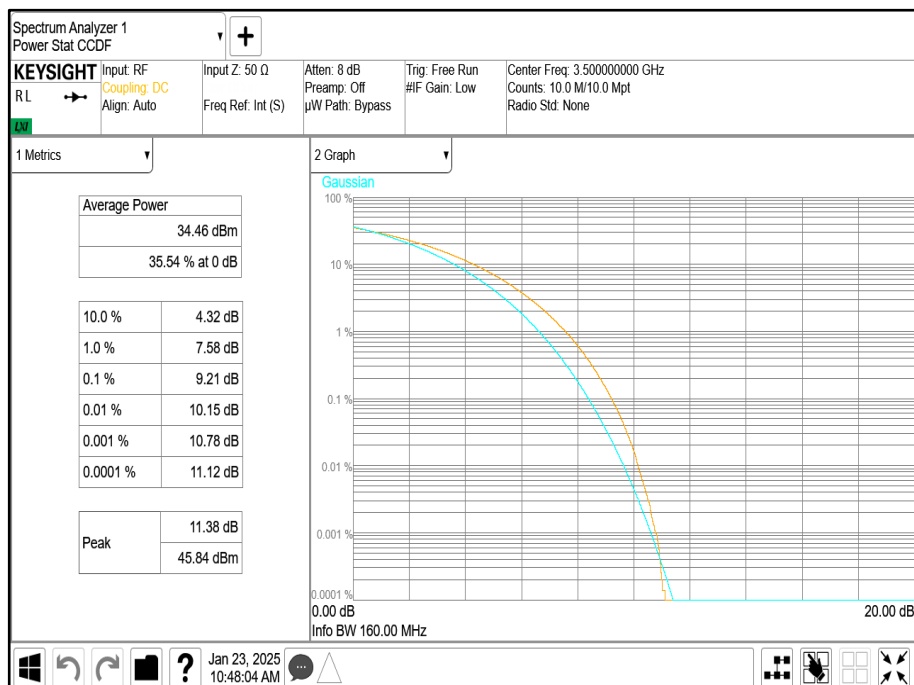
Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position M							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15 dB
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
1	64QAM	30.0 MHz 30 kHz SCS	8.72	30.84	18.25	48.90	36.31	26.40	62.71	2.44
2	64QAM	30.0 MHz 30 kHz SCS	8.97	30.75	18.16	48.81	36.22	26.40	62.62	2.53
3	64QAM	30.0 MHz 30 kHz SCS	8.64	30.81	18.22	48.87	36.28	26.40	62.68	2.47
4	64QAM	30.0 MHz 30 kHz SCS	8.63	30.75	18.15	48.81	36.21	26.40	62.61	2.54
5	64QAM	30.0 MHz 30 kHz SCS	8.82	30.67	18.08	48.73	36.14	26.40	62.54	2.61
6	64QAM	30.0 MHz 30 kHz SCS	8.76	30.87	18.27	48.93	36.33	26.40	62.73	2.42
7	64QAM	30.0 MHz 30 kHz SCS	8.71	30.83	18.26	48.89	36.32	26.40	62.72	2.43
8	64QAM	30.0 MHz 30 kHz SCS	8.81	30.89	18.30	48.95	36.36	26.40	62.76	2.39
9	64QAM	30.0 MHz 30 kHz SCS	8.91	30.72	18.12	48.78	36.18	26.40	62.58	2.57
10	64QAM	30.0 MHz 30 kHz SCS	8.80	30.76	18.18	48.82	36.24	26.40	62.64	2.51
11	64QAM	30.0 MHz 30 kHz SCS	8.82	30.84	18.25	48.90	36.31	26.40	62.71	2.44
12	64QAM	30.0 MHz 30 kHz SCS	8.91	30.65	18.09	48.71	36.15	26.40	62.55	2.60
13	64QAM	30.0 MHz 30 kHz SCS	8.93	30.72	18.15	48.78	36.21	26.40	62.61	2.54
14	64QAM	30.0 MHz 30 kHz SCS	8.82	30.83	18.28	48.89	36.34	26.40	62.74	2.41
15	64QAM	30.0 MHz 30 kHz SCS	8.82	30.84	18.28	48.90	36.34	26.40	62.74	2.41
16	64QAM	30.0 MHz 30 kHz SCS	8.73	30.96	18.39	49.02	36.45	26.40	62.85	2.30
17	64QAM	30.0 MHz 30 kHz SCS	8.65	31.00	18.40	49.06	36.46	26.40	62.86	2.29
18	64QAM	30.0 MHz 30 kHz SCS	8.72	31.54	18.97	49.60	37.03	26.40	63.43	1.72
19	64QAM	30.0 MHz 30 kHz SCS	8.66	30.58	18.01	48.64	36.07	26.40	62.47	2.68
20	64QAM	30.0 MHz 30 kHz SCS	8.86	30.90	18.32	48.96	36.38	26.40	62.78	2.37
21	64QAM	30.0 MHz 30 kHz SCS	8.82	30.75	18.15	48.81	36.21	26.40	62.61	2.54
22	64QAM	30.0 MHz 30 kHz SCS	8.89	30.75	18.16	48.81	36.22	26.40	62.62	2.53
23	64QAM	30.0 MHz 30 kHz SCS	8.77	30.76	18.16	48.82	36.22	26.40	62.62	2.53
24	64QAM	30.0 MHz 30 kHz SCS	8.85	30.85	18.27	48.91	36.33	26.40	62.73	2.42
25	64QAM	30.0 MHz 30 kHz SCS	8.92	31.05	18.45	49.11	36.51	26.40	62.91	2.24
26	64QAM	30.0 MHz 30 kHz SCS	8.73	30.80	18.20	48.86	36.26	26.40	62.66	2.49
27	64QAM	30.0 MHz 30 kHz SCS	8.90	30.67	18.08	48.73	36.14	26.40	62.54	2.61
28	64QAM	30.0 MHz 30 kHz SCS	8.77	30.73	18.14	48.79	36.20	26.40	62.60	2.55
29	64QAM	30.0 MHz 30 kHz SCS	8.79	31.12	18.52	49.18	36.58	26.40	62.98	2.17
30	64QAM	30.0 MHz 30 kHz SCS	8.76	30.82	18.22	48.88	36.28	26.40	62.68	2.47
31	64QAM	30.0 MHz 30 kHz SCS	8.79	30.99	18.40	49.05	36.46	26.40	62.86	2.29
32	64QAM	30.0 MHz 30 kHz SCS	8.75	30.79	18.19	48.85	36.25	26.40	62.65	2.50
33	64QAM	30.0 MHz 30 kHz SCS	8.86	30.69	18.12	48.75	36.18	26.40	62.58	2.57
34	64QAM	30.0 MHz 30 kHz SCS	8.78	30.72	18.13	48.78	36.19	26.40	62.59	2.56
35	64QAM	30.0 MHz 30 kHz SCS	8.72	30.70	18.12	48.76	36.18	26.40	62.58	2.57
36	64QAM	30.0 MHz 30 kHz SCS	8.79	30.94	18.36	49.00	36.42	26.40	62.82	2.33
37	64QAM	30.0 MHz 30 kHz SCS	8.91	30.71	18.11	48.77	36.17	26.40	62.57	2.58
38	64QAM	30.0 MHz 30 kHz SCS	8.73	30.82	18.21	48.88	36.27	26.40	62.67	2.48
39	64QAM	30.0 MHz 30 kHz SCS	8.84	30.79	18.20	48.85	36.26	26.40	62.66	2.49
40	64QAM	30.0 MHz 30 kHz SCS	9.00	30.78	18.18	48.84	36.24	26.40	62.64	2.51
41	64QAM	30.0 MHz 30 kHz SCS	8.71	30.66	18.06	48.72	36.12	26.40	62.52	2.63
42	64QAM	30.0 MHz 30 kHz SCS	8.68	30.74	18.15	48.80	36.21	26.40	62.61	2.54
43	64QAM	30.0 MHz 30 kHz SCS	8.76	30.44	17.83	48.50	35.89	26.40	62.29	2.86
44	64QAM	30.0 MHz 30 kHz SCS	8.81	30.90	18.31	48.96	36.37	26.40	62.77	2.38
45	64QAM	30.0 MHz 30 kHz SCS	8.87	30.71	18.12	48.77	36.18	26.40	62.58	2.57
46	64QAM	30.0 MHz 30 kHz SCS	8.99	30.63	18.05	48.69	36.11	26.40	62.51	2.64
47	64QAM	30.0 MHz 30 kHz SCS	8.63	30.59	18.01	48.65	36.07	26.40	62.47	2.68
48	64QAM	30.0 MHz 30 kHz SCS	8.91	30.75	18.18	48.81	36.24	26.40	62.64	2.51
49	64QAM	30.0 MHz 30 kHz SCS	8.89	30.87	18.28	48.93	36.34	26.40	62.74	2.41

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position M							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15 dB
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
50	64QAM	30.0 MHz 30 kHz SCS	8.82	30.77	18.19	48.83	36.25	26.40	62.65	2.50
51	64QAM	30.0 MHz 30 kHz SCS	8.75	30.84	18.25	48.90	36.31	26.40	62.71	2.44
52	64QAM	30.0 MHz 30 kHz SCS	8.95	30.87	18.29	48.93	36.35	26.40	62.75	2.40
53	64QAM	30.0 MHz 30 kHz SCS	8.91	30.73	18.17	48.79	36.23	26.40	62.63	2.52
54	64QAM	30.0 MHz 30 kHz SCS	8.90	30.77	18.19	48.83	36.25	26.40	62.65	2.50
55	64QAM	30.0 MHz 30 kHz SCS	8.68	30.71	18.12	48.77	36.18	26.40	62.58	2.57
56	64QAM	30.0 MHz 30 kHz SCS	8.77	30.58	18.04	48.64	36.10	26.40	62.50	2.65
57	64QAM	30.0 MHz 30 kHz SCS	8.74	30.69	18.10	48.75	36.16	26.40	62.56	2.59
58	64QAM	30.0 MHz 30 kHz SCS	8.69	30.90	18.33	48.96	36.39	26.40	62.79	2.36
59	64QAM	30.0 MHz 30 kHz SCS	8.87	30.84	18.24	48.90	36.30	26.40	62.70	2.45
60	64QAM	30.0 MHz 30 kHz SCS	8.59	30.82	18.23	48.88	36.29	26.40	62.69	2.46
61	64QAM	30.0 MHz 30 kHz SCS	8.84	30.85	18.29	48.91	36.35	26.40	62.75	2.40
62	64QAM	30.0 MHz 30 kHz SCS	8.79	31.22	18.67	49.28	36.73	26.40	63.13	2.02
63	64QAM	30.0 MHz 30 kHz SCS	8.86	30.69	18.13	48.75	36.19	26.40	62.59	2.56
64	64QAM	30.0 MHz 30 kHz SCS	8.74	30.90	18.34	48.96	36.40	26.40	62.80	2.35
18	64QAM	50.0 MHz 30 kHz SCS	9.21	34.76	18.11	52.82	36.17	26.40	62.57	2.58
18	64QAM	60.0 MHz 30 kHz SCS	9.19	35.38	18.07	53.44	36.13	26.40	62.53	2.62
18	64QAM	70.0 MHz 30 kHz SCS	9.13	36.56	18.39	54.62	36.45	26.40	62.85	2.30
18	64QAM	80.0 MHz 30 kHz SCS	8.80	36.42	17.66	54.48	35.72	26.40	62.12	3.03
18	64QAM	90.0 MHz 30 kHz SCS	8.81	36.15	17.06	54.21	35.12	26.40	61.52	3.63

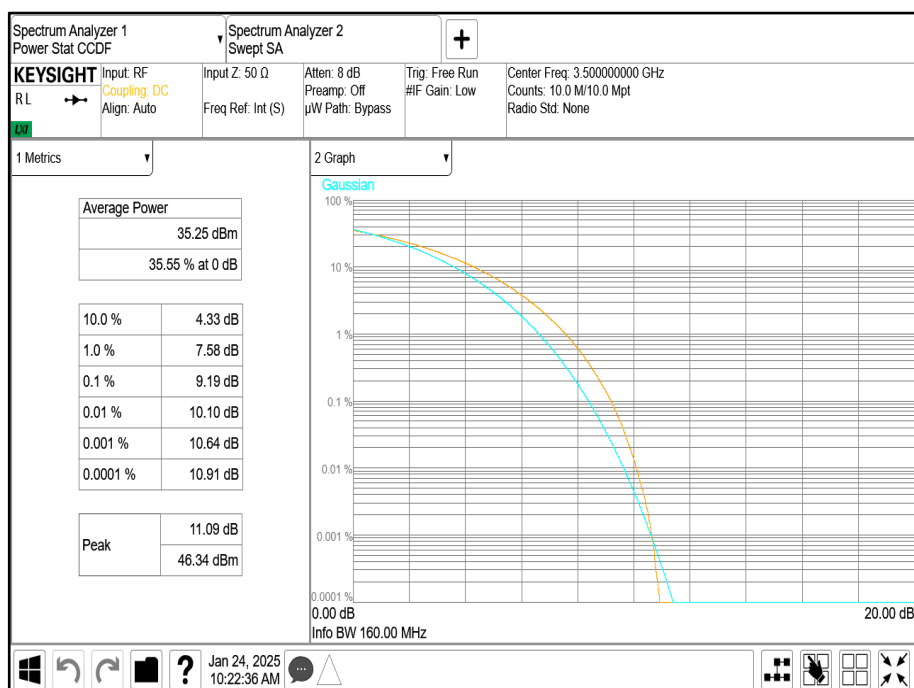
Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 30.0 MHz 30 kHz SCS - Channel Position M



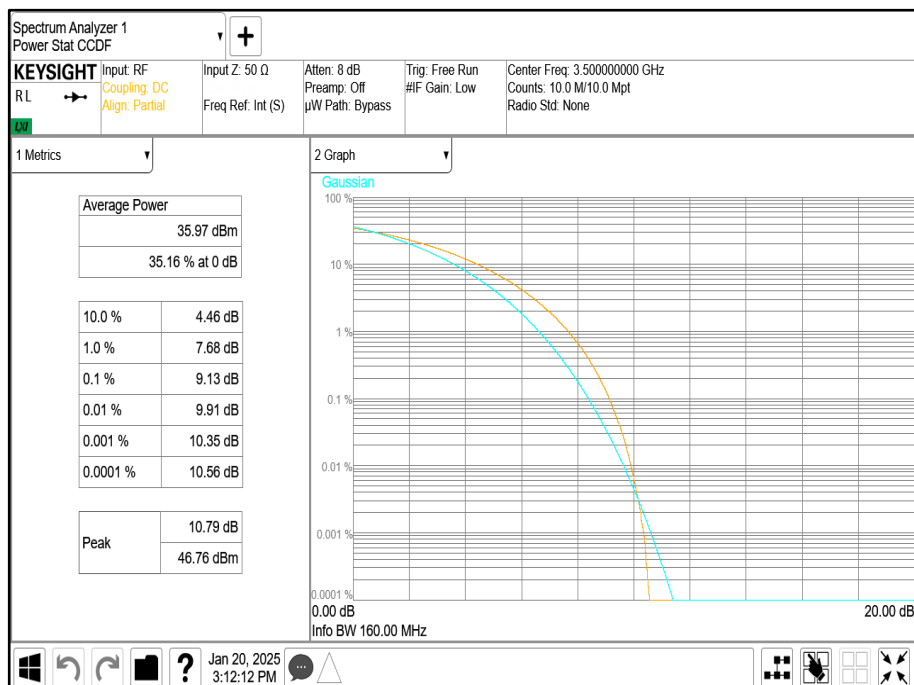
Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 50.0 MHz 30 kHz SCS - Channel Position M



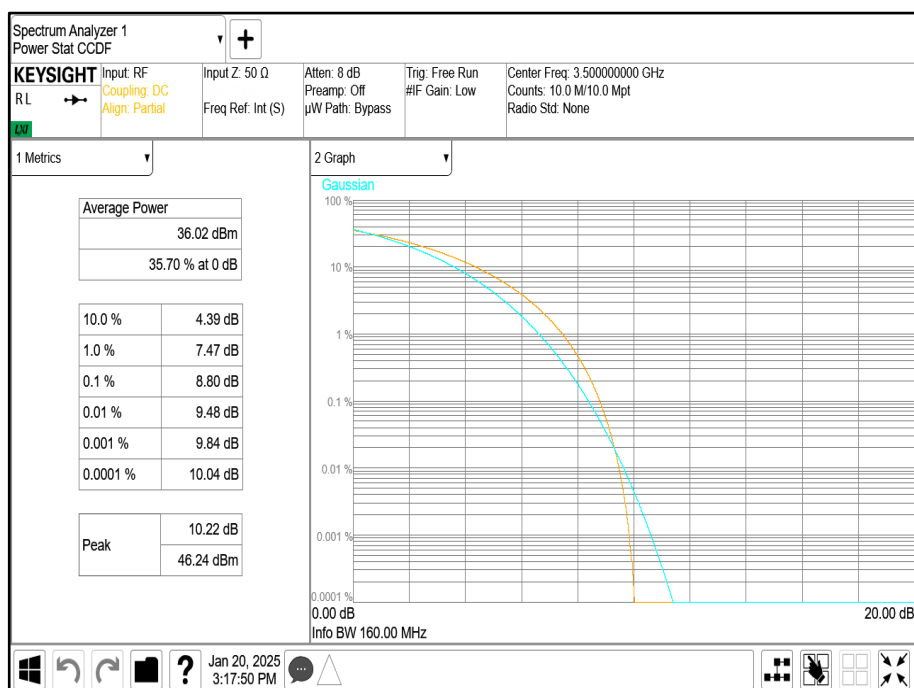
Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position M



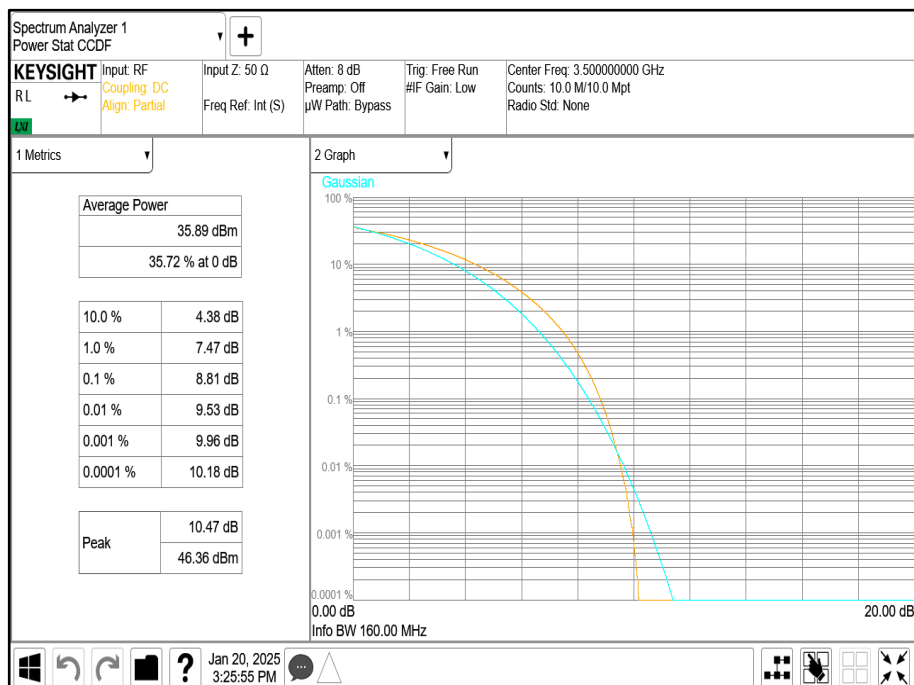
Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 70.0 MHz 30 kHz SCS - Channel Position M



Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position M



Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 90.0 MHz 30 kHz SCS - Channel Position M

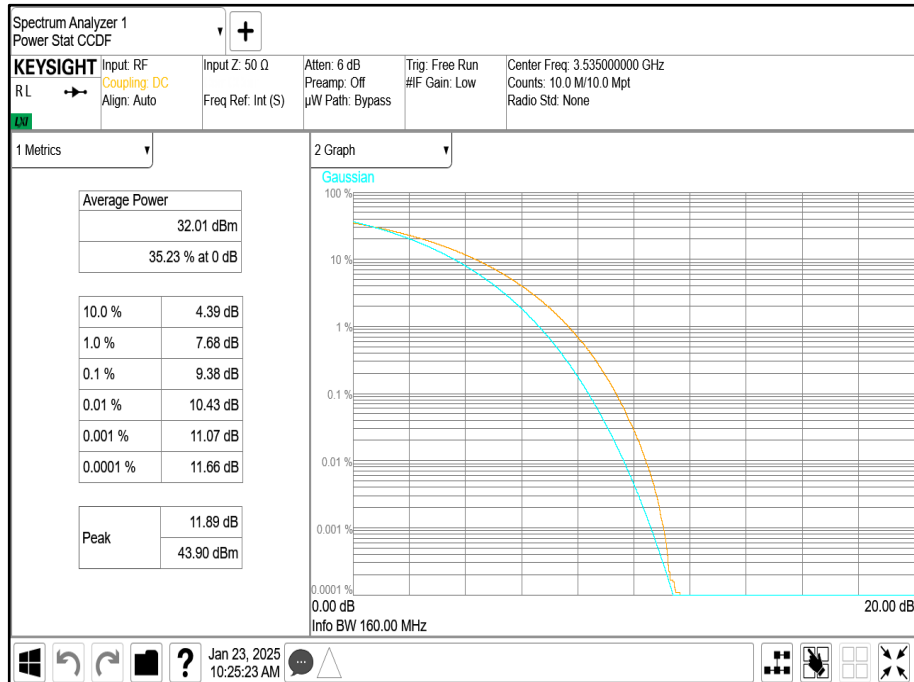


Configuration 1

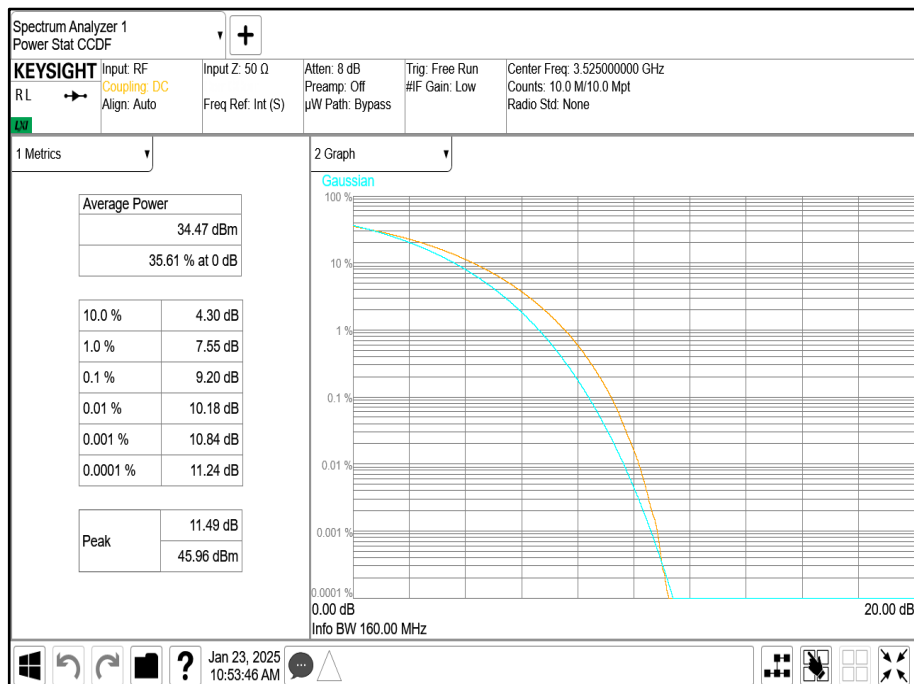
Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position T							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15 dB
				dBm	dBm/MHz	dBm	dBm/MHz	dB	dBm/MHz	dB
18	64QAM	30.0 MHz 30 kHz SCS	9.38	32.50	18.32	50.56	36.38	26.40	62.78	2.37
18	64QAM	50.0 MHz 30 kHz SCS	9.20	34.47	18.11	52.53	36.17	26.40	62.57	2.58
18	64QAM	60.0 MHz 30 kHz SCS	9.03	35.46	18.11	53.52	36.17	26.40	62.57	2.58
18	64QAM	70.0 MHz 30 kHz SCS	8.93	36.28	18.15	54.34	36.21	26.40	62.61	2.54
18	64QAM	80.0 MHz 30 kHz SCS	8.79	35.99	17.38	54.05	35.44	26.40	61.84	3.31
18	64QAM	90.0 MHz 30 kHz SCS	8.71	35.67	16.68	53.73	34.74	26.40	61.14	4.01

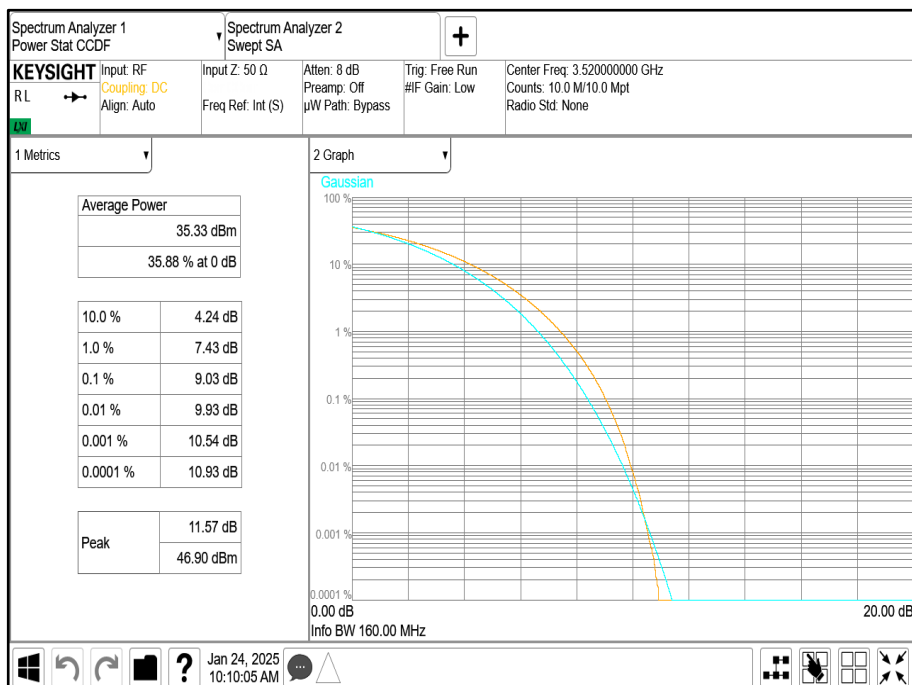
Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 30.0 MHz 30 kHz SCS - Channel Position T



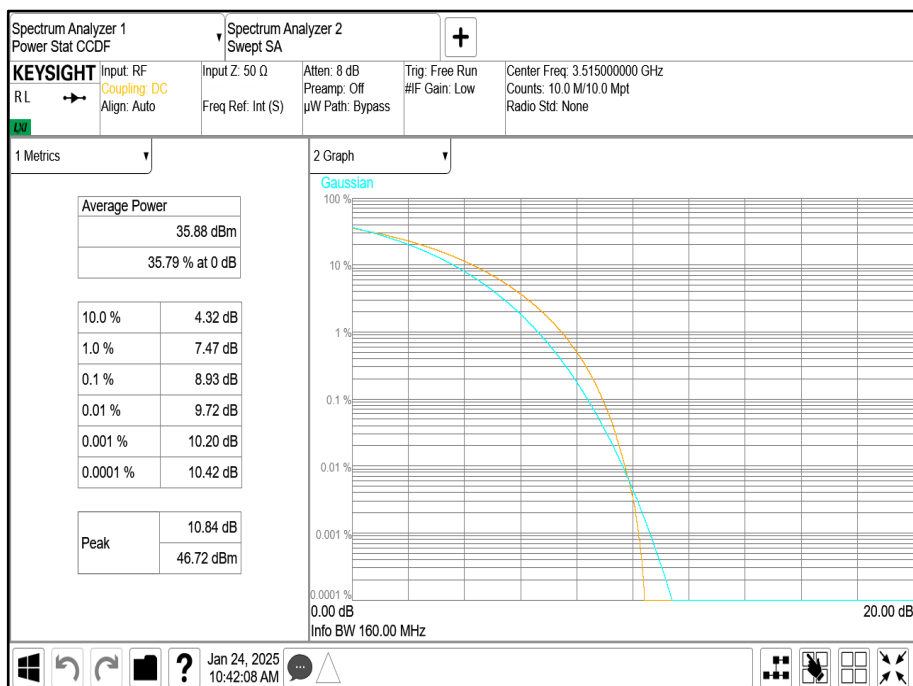
Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 50.0 MHz 30 kHz SCS - Channel Position T

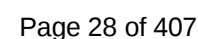
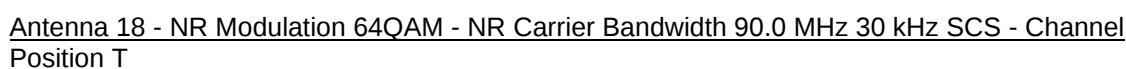


Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position T



Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 70.0 MHz 30 kHz SCS - Channel Position T



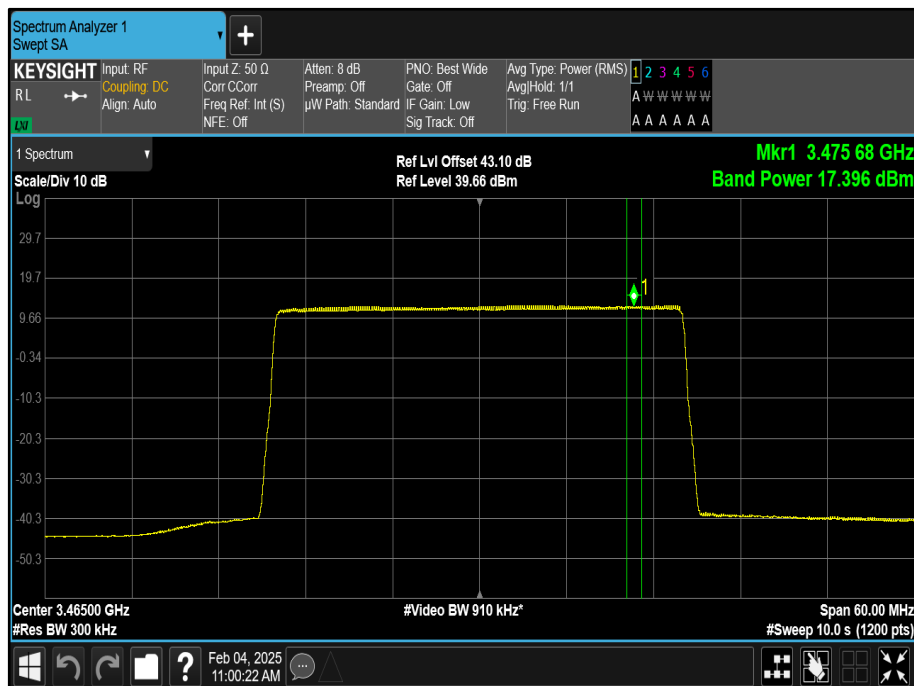


Configuration 2

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position B							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Margin	Margin Limit 62.15
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	64QAM	30.0 MHz 30 kHz SCS	-	31.58	17.40	49.64	35.46	26.40	61.86	0.29
18	64QAM	50.0 MHz 30 kHz SCS	-	33.66	17.34	51.72	35.40	26.40	61.80	0.35
18	64QAM	60.0 MHz 30 kHz SCS	-	34.49	17.15	52.55	35.21	26.40	61.61	0.54
18	64QAM	70.0 MHz 30 kHz SCS	-	35.03	17.09	53.09	35.15	26.40	61.55	0.60
18	64QAM	80.0 MHz 30 kHz SCS	-	35.05	16.55	53.11	34.61	26.40	61.01	1.14
18	64QAM	90.0 MHz 30 kHz SCS	-	35.54	16.38	53.60	34.44	26.40	60.84	1.31

Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 30.0 MHz 30 kHz SCS - Channel Position B

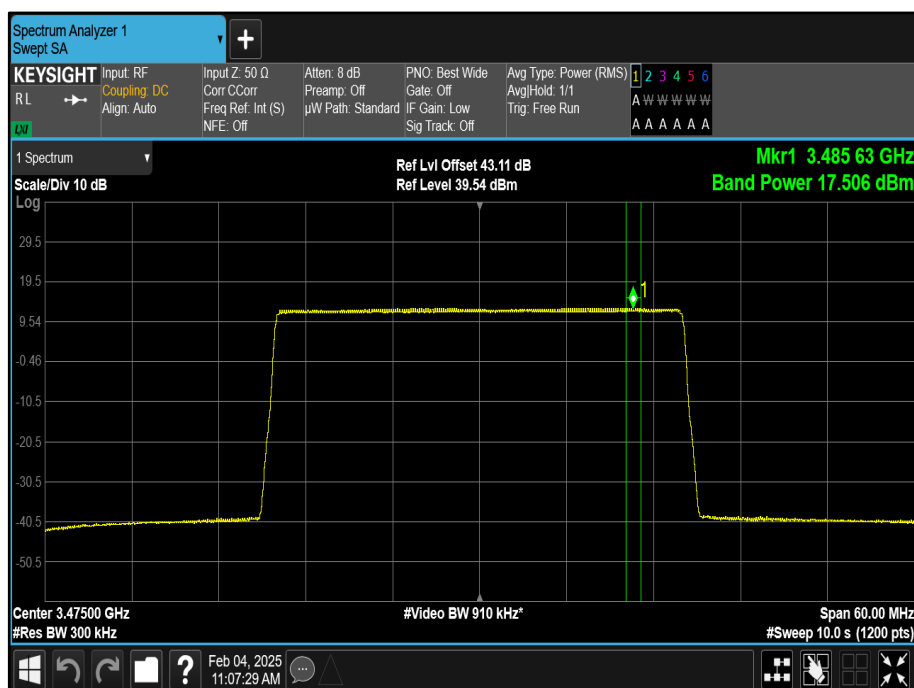


Configuration 2

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position M							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Margin	Margin Limit 62.15
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	64QAM	30.0 MHz 30 kHz SCS	-	31.78	17.51	49.84	35.57	26.40	61.97	0.18
18	64QAM	50.0 MHz 30 kHz SCS	-	33.90	17.38	51.96	35.44	26.40	61.84	0.31
18	64QAM	60.0 MHz 30 kHz SCS	-	34.52	17.12	52.58	35.18	26.40	61.58	0.57
18	64QAM	70.0 MHz 30 kHz SCS	-	35.38	17.17	53.44	35.23	26.40	61.63	0.52
18	64QAM	80.0 MHz 30 kHz SCS	-	35.29	16.61	53.35	34.67	26.40	61.07	1.08
18	64QAM	90.0 MHz 30 kHz SCS	-	35.71	16.45	53.77	34.51	26.40	60.91	1.24

Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 30.0 MHz 30 kHz SCS - Channel Position M

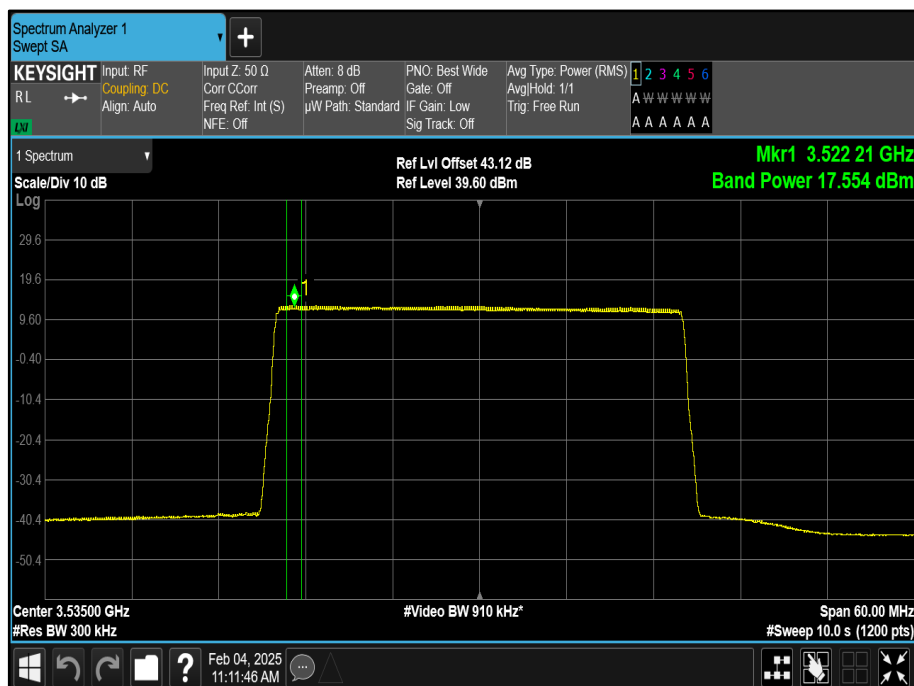


Configuration 2

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position T							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Margin	Margin Limit 62.15
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	64QAM	30.0 MHz 30 kHz SCS		31.68	17.55	49.74	35.61	26.40	62.01	0.14
18	64QAM	50.0 MHz 30 kHz SCS		33.86	17.43	51.92	35.49	26.40	61.89	0.26
18	64QAM	60.0 MHz 30 kHz SCS		34.28	17.21	52.34	35.27	26.40	61.67	0.48
18	64QAM	70.0 MHz 30 kHz SCS		35.24	17.31	53.30	35.37	26.40	61.77	0.38
18	64QAM	80.0 MHz 30 kHz SCS		35.09	16.66	53.15	34.72	26.40	61.12	1.03
18	64QAM	90.0 MHz 30 kHz SCS		35.69	16.47	53.75	34.53	26.40	60.93	1.22

Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 30.0 MHz 30 kHz SCS - Channel Position T



Configuration 3

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position B							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	64QAM	2 x 10.0 MHz 30 kHz SCS	-	30.75	18.29	48.81	36.35	26.40	62.75	2.40
18	64QAM	2 x 20.0 MHz 30 kHz SCS	-	33.74	18.14	51.80	36.20	26.00	62.20	2.95
18	64QAM	2 x 30.0 MHz 30 kHz SCS	-	35.37	18.07	53.43	36.13	26.40	62.53	2.62
18	64QAM	2 x 40.0 MHz 30 kHz SCS	-	35.86	17.30	53.92	35.36	26.40	61.76	3.39

Remarks

Configuration 3

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position M							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	64QAM	2 x 10.0 MHz 30 kHz SCS	-	31.10	18.36	49.16	36.42	26.40	62.82	2.33
18	64QAM	2 x 20.0 MHz 30 kHz SCS	-	33.82	18.12	51.88	36.18	26.40	62.58	2.57
18	64QAM	2 x 30.0 MHz 30 kHz SCS	-	35.68	18.10	53.74	36.16	26.40	62.56	2.59
18	64QAM	2 x 40.0 MHz 30 kHz SCS	-	36.28	17.31	54.34	35.37	26.40	61.77	3.38
18	64QAM	2 x 50.0 MHz 30 kHz SCS	-	35.98	16.24	54.04	34.30	26.40	60.70	4.45

Configuration 3

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position T							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	64QAM	2 x 10.0 MHz 30 kHz SCS	-	30.32	18.26	48.38	36.32	26.40	62.72	2.43
18	64QAM	2 x 20.0 MHz 30 kHz SCS	-	33.67	18.17	51.73	36.23	26.32	62.55	2.60
18	64QAM	2 x 30.0 MHz 30 kHz SCS	-	35.54	18.17	53.60	36.23	26.40	62.63	2.52
18	64QAM	2 x 40.0 MHz 30 kHz SCS	-	35.93	17.32	53.99	35.38	26.40	61.78	3.37

Configuration 4

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position B							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 62.15
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	64QAM	2 x 10.0 MHz 30 kHz SCS	-	29.65	17.57	47.71	35.63	26.40	62.03	0.12
18	64QAM	2 x 20.0 MHz 30 kHz SCS	-	32.93	17.48	50.99	35.54	26.00	61.54	0.61
18	64QAM	2 x 30.0 MHz 30 kHz SCS	-	32.47	17.18	50.53	35.24	26.40	61.64	0.51
18	64QAM	2 x 40.0 MHz 30 kHz SCS	-	35.30	16.56	53.36	34.62	26.40	61.02	1.13

Configuration 4

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position M							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 62.15
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	64QAM	2 x 10.0 MHz 30 kHz SCS	-	29.91	17.63	47.97	35.69	26.40	62.09	0.06
18	64QAM	2 x 20.0 MHz 30 kHz SCS	-	33.25	17.47	51.31	35.53	26.40	61.93	0.22
18	64QAM	2 x 30.0 MHz 30 kHz SCS	-	34.37	17.25	52.43	35.31	26.40	61.71	0.44
18	64QAM	2 x 40.0 MHz 30 kHz SCS	-	35.47	16.57	53.53	34.63	26.40	61.03	1.12
18	64QAM	2 x 50.0 MHz 30 kHz SCS	-	35.84	16.27	53.90	34.33	26.40	60.73	1.42

Configuration 4

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position T							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 62.15
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	64QAM	2 x 10.0 MHz 30 kHz SCS	-	29.81	17.62	47.87	35.68	26.40	62.08	0.07
18	64QAM	2 x 20.0 MHz 30 kHz SCS	-	32.91	17.55	50.97	35.61	26.32	61.93	0.22
18	64QAM	2 x 30.0 MHz 30 kHz SCS	-	35.02	17.23	53.08	35.29	26.40	61.69	0.46
18	64QAM	2 x 40.0 MHz 30 kHz SCS	-	35.52	16.59	53.58	34.65	26.40	61.05	1.10

Configuration 5

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position B							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	64QAM	3 x 10.0 MHz 30 kHz SCS	-	32.40	18.40	50.46	36.46	26.40	62.86	2.29
18	64QAM	3 x 20.0 MHz 30 kHz SCS	-	35.42	18.12	53.48	36.18	26.00	62.18	2.97
18	64QAM	3 x 30.0 MHz 30 kHz SCS	-	36.15	17.07	54.21	35.13	26.40	61.53	3.62

Configuration 5

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position M							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	64QAM	3 x 10.0 MHz 30 kHz SCS	-	32.54	18.49	50.60	36.55	26.40	62.95	2.20
18	64QAM	3 x 20.0 MHz 30 kHz SCS	-	35.48	18.09	53.54	36.15	26.40	62.55	2.60
18	64QAM	3 x 30.0 MHz 30 kHz SCS	-	36.22	17.12	54.28	35.18	26.40	61.58	3.57

Configuration 5

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position T							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	64QAM	3 x 10.0 MHz 30 kHz SCS	-	32.45	18.56	50.51	36.62	26.40	63.02	2.13
18	64QAM	3 x 20.0 MHz 30 kHz SCS	-	35.53	18.12	53.59	36.18	26.32	62.50	2.65
18	64QAM	3 x 30.0 MHz 30 kHz SCS	-	36.15	17.13	54.21	35.19	26.40	61.59	3.56

Configuration 6

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position B							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 62.15
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	64QAM	3 x 10.0 MHz 30 kHz SCS	-	31.50	17.59	49.56	35.65	26.40	62.05	0.10
18	64QAM	3 x 20.0 MHz 30 kHz SCS	-	34.52	17.37	52.58	35.43	26.00	61.43	0.72
18	64QAM	3 x 30.0 MHz 30 kHz SCS	-	35.58	16.48	53.64	34.54	26.40	60.94	1.21

Configuration 6

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position M							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 62.15
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	64QAM	3 x 10.0 MHz 30 kHz SCS	-	31.78	17.64	49.84	35.70	26.40	62.10	0.05
18	64QAM	3 x 20.0 MHz 30 kHz SCS	-	34.80	17.34	52.86	35.40	26.40	61.80	0.35
18	64QAM	3 x 30.0 MHz 30 kHz SCS	-	35.60	16.52	53.66	34.58	26.40	60.98	1.17

Configuration 6

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position T							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 62.15
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	64QAM	3 x 10.0 MHz 30 kHz SCS	-	31.61	See below - Measured on all 64 Ports					
18	64QAM	3 x 20.0 MHz 30 kHz SCS	-	34.59	17.44	52.65	35.50	26.32	61.82	0.33
18	64QAM	3 x 30.0 MHz 30 kHz SCS	-	35.60	16.50	53.66	34.56	26.40	60.96	1.19

Test Channel	NR Modulation	NR Carrier Bandwidth	Number of Measurements	PSD (dBm/MHz)			EIRP (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
				Min	Max	Σ			
Top (3535 MHz)	QPSK	3 x 10.0 MHz 30 kHz SCS	64	16.94	18.79	25.58	62.11	62.15	0.17

FCC Maximum Power Spectral Density Results

Configuration 7

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position B							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	QPSK	2 x 20.0 MHz 30 kHz SCS	-	34.04	18.49	52.10	36.55	27.40	63.95	1.20
18	QPSK	2 x 40.0 MHz 30 kHz SCS	-	36.87	18.22	54.93	36.28	27.04	63.32	1.83
18	QPSK	2 x 60.0 MHz 30 kHz SCS	-	37.70	17.29	55.76	35.35	27.40	62.75	2.40

Configuration 7

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position M							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	QPSK	2 x 20.0 MHz 30 kHz SCS	-	34.24	18.65	52.30	36.71	27.40	64.11	1.04
18	QPSK	2 x 40.0 MHz 30 kHz SCS	-	36.79	18.22	54.85	36.28	27.04	63.32	1.83
18	QPSK	2 x 60.0 MHz 30 kHz SCS	-	37.91	17.36	55.97	35.42	27.40	62.82	2.33

Configuration 7

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position T							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	QPSK	2 x 20.0 MHz 30 kHz SCS	-	33.91	18.54	51.97	36.60	27.40	64.00	1.15
18	QPSK	2 x 40.0 MHz 30 kHz SCS	-	37.00	18.25	55.06	36.31	27.04	63.35	1.80
18	QPSK	2 x 60.0 MHz 30 kHz SCS	-	37.92	17.34	55.98	35.40	27.40	62.80	2.35

Configuration 8

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position B							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 62.15
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	QPSK	2 x 20.0 MHz 30 kHz SCS	-	32.43	16.82	50.49	34.88	27.04	61.92	0.23
18	QPSK	2 x 40.0 MHz 30 kHz SCS	-	See below - Measured on all 64 Ports						
18	QPSK	2 x 60.0 MHz 30 kHz SCS	-	37.13	16.49	55.19	34.55	27.40	61.95	0.20

Test Channel	NR Modulation	NR Carrier Bandwidth	Number of Measurements	PSD (dBm/MHz)			EIRP (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
				Min	Max	Σ			
Bottom (3880 MHz)	QPSK	2 x 40.0 MHz 30 kHz SCS	64	16.22	17.78	34.71	62.11	62.15	0.04

FCC Maximum Power Spectral Density Results

Configuration 8

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position M							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 62.15
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	QPSK	2 x 20.0 MHz 30 kHz SCS	-	See below - Measured on all 64 Ports						
18	QPSK	2 x 40.0 MHz 30 kHz SCS	-	35.47	16.69	53.53	34.75	27.40	62.15	0.00
18	QPSK	2 x 60.0 MHz 30 kHz SCS	-	36.94	16.45	55.00	34.51	27.40	61.91	0.24

Test Channel	NR Modulation	NR Carrier Bandwidth	Number of Measurements	PSD (dBm/MHz)			EIRP (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
				Min	Max	Σ			
Middle (3910 MHz)	QPSK	2 x 40.0 MHz 30 kHz SCS	64	15.99	17.60	34.64	62.04	62.15	0.11

FCC Maximum Power Spectral Density Results

Configuration 8

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position T							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 62.15
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	QPSK	2 x 20.0 MHz 30 kHz SCS	-	32.25	16.80	50.31	34.86	27.04	61.90	0.25
18	QPSK	2 x 40.0 MHz 30 kHz SCS	-	35.26	16.66	53.32	34.72	27.40	62.12	0.03
18	QPSK	2 x 60.0 MHz 30 kHz SCS	-	37.19	16.55	55.25	34.61	27.40	62.01	0.14

Configuration 9

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position B							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	QPSK	3 x 20.0 MHz 30 kHz SCS	-	36.11	18.77	54.17	36.83	27.04	63.87	1.28
18	QPSK	3 x 40.0 MHz 30 kHz SCS	-	35.66	15.37	53.72	33.43	27.40	60.83	4.32

Configuration 9

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position M							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	QPSK	3 x 20.0 MHz 30 kHz SCS	-	36.08	18.77	54.14	36.83	27.40	64.23	0.92
18	QPSK	3 x 40.0 MHz 30 kHz SCS	-	37.80	15.38	55.86	33.44	27.40	60.84	4.31

Configuration 9

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position B							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	QPSK	3 x 20.0 MHz 30 kHz SCS	-	36.11	18.77	54.17	36.83	27.04	63.87	1.28
18	QPSK	3 x 40.0 MHz 30 kHz SCS	-	35.66	15.37	53.72	33.43	27.40	60.83	4.32

Configuration 10

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position B							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 62.15
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	QPSK	3 x 20.0 MHz 30 kHz SCS	-	34.19	16.97	52.25	35.03	27.04	62.07	0.08
18	QPSK	3 x 40.0 MHz 30 kHz SCS	-	36.83	See below - Measured on all 64 Ports					

Test Channel	NR Modulation	NR Carrier Bandwidth	Number of Measurements	PSD (dBm/MHz)			EIRP (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
				Min	Max	Σ			
Bottom (3900 MHz)	QPSK	3 x 40.0 MHz 30 kHz SCS	64	15.80	17.49	34.36	61.76	62.15	0.39

Configuration 10

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position M							
			PAR (dB)	Average Power/PSD	Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 62.15	
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	QPSK	3 x 20.0 MHz 30 kHz SCS	-	34.43	See below - Measured on all 64 Ports					
18	QPSK	3 x 40.0 MHz 30 kHz SCS	-	36.85	See below - Measured on all 64 Ports					

Test Channel	NR Modulation	NR Carrier Bandwidth	Number of Measurements	PSD (dBm/MHz)			EIRP (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
				Min	Max	Σ			
Middle (3910 MHz)	QPSK	3 x 20.0 MHz 30 kHz SCS	64	16.12	17.71	34.60	62.00	62.15	0.15
Middle (3910 MHz)	QPSK	3 x 40.0 MHz 30 kHz SCS	64	15.69	17.40	34.29	61.69	62.15	0.46

Configuration 10

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
			Channel Position T							
			PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Total EIRP Limit 62.15
				dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	QPSK	3 x 20.0 MHz 30 kHz SCS		35.71	16.57	53.77	34.63	27.04	61.67	0.48
18	QPSK	3 x 40.0 MHz 30 kHz SCS		36.97	See below - Measured on all 64 Ports					

Test Channel	Number of Measurements	PSD (dBm/MHz)			EIRP (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)
		Min	Max	Σ			
Top (3920 MHz)	64	15.61	17.12	34.24	61.64	62.15	0.51

Configuration 11

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	Band	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
				Channel Position B							
				PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15
					dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	77G	64QAM	3 x 30.0 MHz 30 kHz SCS	-	32.99	16.89	51.05	34.95	26.40	61.35	3.80
18	77M	QPSK	1 x 20.0 MHz 30 kHz SCS	-	30.08	17.41	48.14	35.47	27.04	62.51	2.64

Configuration 11

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	Band	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
				Channel Position M							
				PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15
					dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	77G	64QAM	3 x 30.0 MHz 30 kHz SCS	-	36.19	17.13	54.25	35.19	26.40	61.59	3.56
18	77M	QPSK	1 x 20.0 MHz 30 kHz SCS	-	29.91	17.34	47.97	35.40	27.40	62.80	2.35

Configuration 11

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	Band	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
				Channel Position T							
				PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15
					dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	77G	64QAM	3 x 30.0 MHz 30 kHz SCS	-	36.28	17.14	54.34	35.20	26.40	61.60	3.55
18	77M	QPSK	1 x 20.0 MHz 30 kHz SCS	-	29.68	17.20	47.74	35.26	27.04	62.30	2.85

Configuration 12

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	Band	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
				Channel Position B							
				PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 62.15
					dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	77G	64QAM	3 x 30.0 MHz 30 kHz SCS	-	36.04	16.90	54.10	34.96	26.40	61.36	0.79
18	77M	QPSK	1 x 20.0 MHz 30 kHz SCS	-	28.29	15.90	46.35	33.96	27.04	61.00	1.15

Configuration 12

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	Band	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
				Channel Position M							
				PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 62.15
					dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	77G	64QAM	3 x 30.0 MHz 30 kHz SCS	-	35.99	16.87	54.05	34.93	26.40	61.33	0.82
18	77M	QPSK	1 x 20.0 MHz 30 kHz SCS	-	28.35	15.92	46.41	33.98	27.40	61.38	0.77

Configuration 12

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	Band	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
				Channel Position T							
				PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 62.15
					dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	77G	64QAM	3 x 30.0 MHz 30 kHz SCS	-	35.91	16.91	53.97	34.97	26.40	61.37	0.78
18	77M	QPSK	1 x 20.0 MHz 30 kHz SCS	-	28.09	15.66	46.15	33.72	27.04	60.76	1.39

Configuration 13

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	Band	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
				Channel Position M/B							
				PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15
					dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	77G	64QAM	2 x 50.0 MHz 30 kHz SCS	-	36.40	16.93	54.46	34.99	26.40	61.39	3.76
18	77M	QPSK	2 x 20.0 MHz 30 kHz SCS	-	31.60	15.96	49.66	34.02	27.04	61.06	4.09

Configuration 13

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	Band	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
				Channel Position M/M							
				PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15
					dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	77G	64QAM	2 x 50.0 MHz 30 kHz SCS	-	36.56	16.94	54.62	35.00	26.40	61.40	3.75
18	77M	QPSK	2 x 20.0 MHz 30 kHz SCS	-	31.93	16.35	49.99	34.41	27.40	61.81	3.34

Configuration 13

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	Band	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
				Channel Position M/T							
				PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15
					dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	77G	64QAM	2 x 50.0 MHz 30 kHz SCS	-	36.28	16.69	54.34	34.75	26.40	61.15	4.00
18	77M	QPSK	2 x 20.0 MHz 30 kHz SCS	-	31.29	15.99	49.35	34.05	27.04	61.09	4.06

Configuration 14

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	Band	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
				Channel Position M/B							
				PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 62.15
					dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	77G	64QAM	2 x 50.0 MHz 30 kHz SCS	-	36.23	16.61	54.29	34.67	26.40	61.07	1.08
18	77M	QPSK	2 x 20.0 MHz 30 kHz SCS	-	31.31	15.63	49.37	33.69	27.04	60.73	1.42

Configuration 14

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	Band	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
				Channel Position M/M							
				PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 62.15
					dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	77G	64QAM	2 x 50.0 MHz 30 kHz SCS	-	36.11	16.41	54.17	34.47	26.40	60.87	1.28
18	77M	QPSK	2 x 20.0 MHz 30 kHz SCS	-	31.41	15.78	49.47	33.84	27.40	61.24	0.91

Configuration 14

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	Band	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
				Channel Position M/T							
				PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 62.15
					dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	77G	64QAM	2 x 50.0 MHz 30 kHz SCS	-	36.05	16.35	54.11	34.41	26.40	60.81	1.34
18	77M	QPSK	2 x 20.0 MHz 30 kHz SCS	-	30.58	15.22	48.64	33.28	27.04	60.32	1.83

Configuration 15

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	Band	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
				Channel Position B							
				PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15
					dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	77G	64QAM	1 x 70.0 MHz 30 kHz SCS	-	34.80	16.79	52.86	34.85	26.40	61.25	3.90
18	77M	QPSK	3 x 20.0 MHz 30 kHz SCS	-	34.09	16.81	52.15	34.87	27.04	61.91	3.24

Configuration 15

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	Band	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
				Channel Position M							
				PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15
					dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	77G	64QAM	1 x 70.0 MHz 30 kHz SCS	-	34.94	16.99	53.00	35.05	26.40	61.45	3.70
18	77M	QPSK	3 x 20.0 MHz 30 kHz SCS	-	34.49	17.14	52.55	35.20	27.40	62.60	2.55

Configuration 15

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	Band	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
				Channel Position T							
				PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15
					dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	77G	64QAM	1 x 70.0 MHz 30 kHz SCS	-	35.11	17.15	53.17	35.21	26.40	61.61	3.54
18	77M	QPSK	3 x 20.0 MHz 30 kHz SCS	-	34.36	17.03	52.42	35.09	27.04	62.13	3.02

Configuration 16

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	Band	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
				Channel Position B							
				PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 62.15
					dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	77G	64QAM	1 x 70.0 MHz 30 kHz SCS	-	34.41	16.39	52.47	34.45	26.40	60.85	1.30
18	77M	QPSK	3 x 20.0 MHz 30 kHz SCS	-	33.12	15.85	51.18	33.91	27.04	60.95	1.20

Configuration 16

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	Band	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
				Channel Position M							
				PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 62.15
					dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	77G	64QAM	1 x 70.0 MHz 30 kHz SCS	-	34.83	16.78	52.89	34.84	26.40	61.24	0.91
18	77M	QPSK	3 x 20.0 MHz 30 kHz SCS	-	33.54	16.13	51.60	34.19	27.40	61.59	0.56

Configuration 16

Maximum Output Power - see Section 1.4 Configuration Description

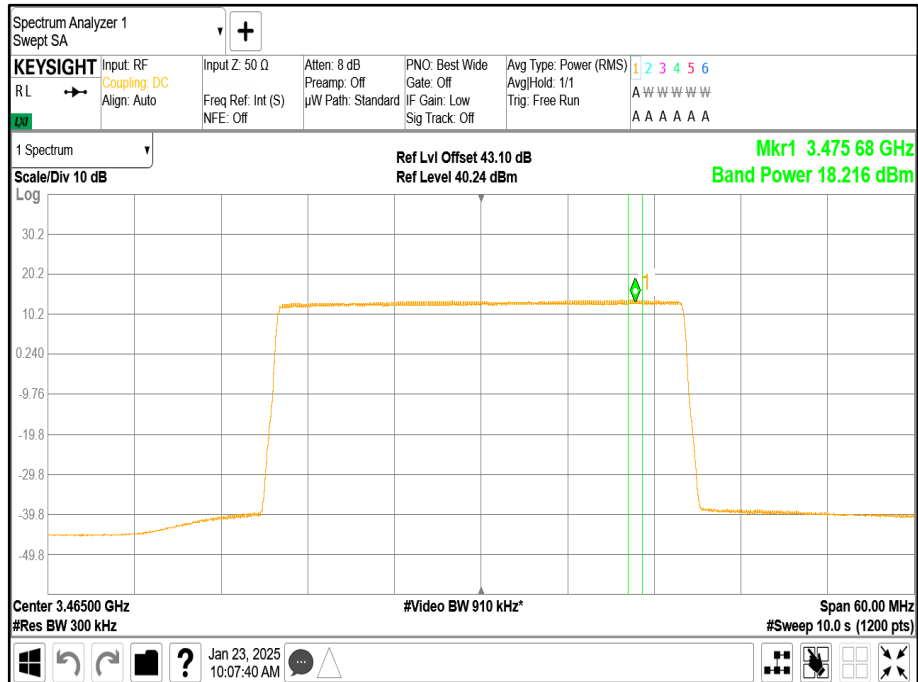
Antenna	Band	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
				Channel Position T							
				PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 62.15
					dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	77G	64QAM	1 x 70.0 MHz 30 kHz SCS	-	34.82	16.81	52.88	34.87	26.40	61.27	0.88
18	77M	QPSK	3 x 20.0 MHz 30 kHz SCS	-	33.19	16.02	51.25	34.08	27.04	61.12	1.03

Configuration 17

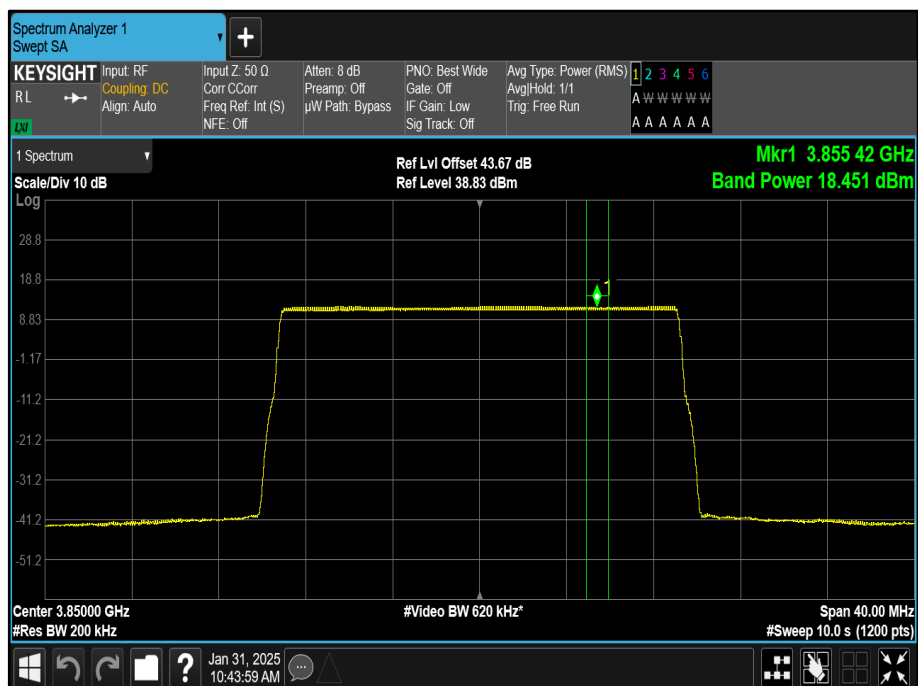
Maximum Output Power - see Section 1.4 Configuration Description

Antenna	Band	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
				Channel Position B							
				PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15
					dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	77G	64QAM	30.0 MHz 30 kHz SCS	-	32.33	18.22	50.39	36.28	26.40	62.68	2.47
	77M	QPSK	20.0 MHz 30 kHz SCS	-	31.19	18.45	49.25	36.51	27.04	63.55	1.60
18	77G	64QAM	50.0 MHz 30 kHz SCS	-	34.74	18.10	52.80	36.16	26.40	62.56	2.59
	77M	QPSK	20.0 MHz 30 kHz SCS	-	30.77	18.32	48.83	36.38	27.04	63.42	1.73
18	77G	64QAM	60.0 MHz 30 kHz SCS	-	35.31	17.96	53.37	36.02	26.40	62.42	2.73
	77M	QPSK	20.0 MHz 30 kHz SCS	-	30.86	18.26	48.92	36.32	27.04	63.36	1.79
18	77G	64QAM	70.0 MHz 30 kHz SCS	-	35.99	17.92	54.05	35.98	26.40	62.38	2.77
	77M	QPSK	20.0 MHz 30 kHz SCS	-	30.98	18.20	49.04	36.26	27.04	63.30	1.85
18	77G	64QAM	80.0 MHz 30 kHz SCS	-	35.77	17.30	53.83	35.36	26.40	61.76	3.39
	77M	QPSK	20.0 MHz 30 kHz SCS	-	30.01	17.41	48.07	35.47	27.04	62.51	2.64
18	77G	64QAM	90.0 MHz 30 kHz SCS	-	35.67	16.61	53.73	34.67	26.40	61.07	4.08
	77M	QPSK	20.0 MHz 30 kHz SCS	-	30.19	17.32	48.25	35.38	27.04	62.42	2.73

Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 30.0 MHz 30 kHz SCS - Channel Position B



Antenna 18 - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 30 kHz SCS - Channel Position B

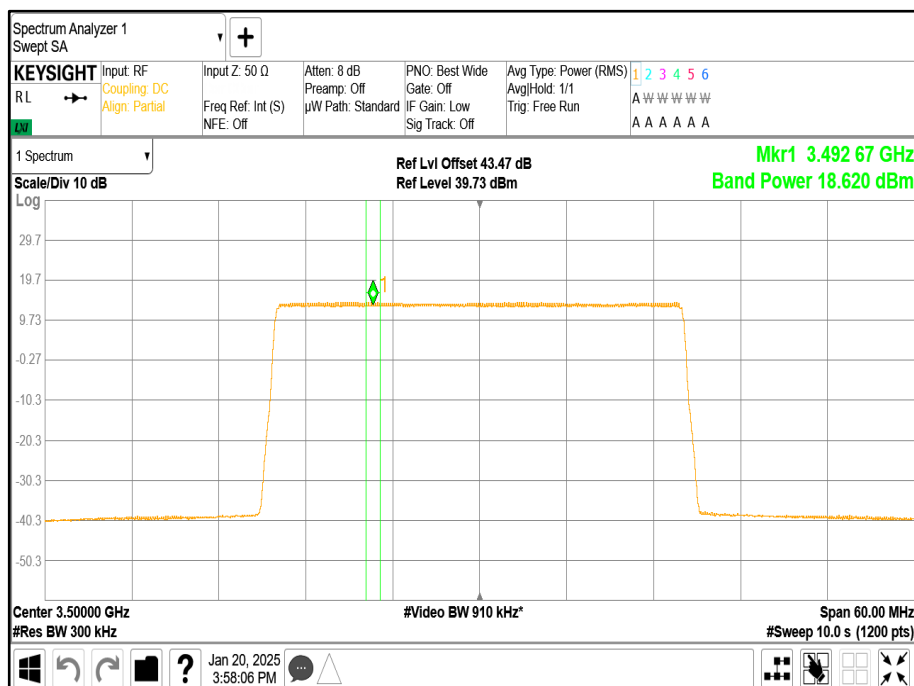


Configuration 17

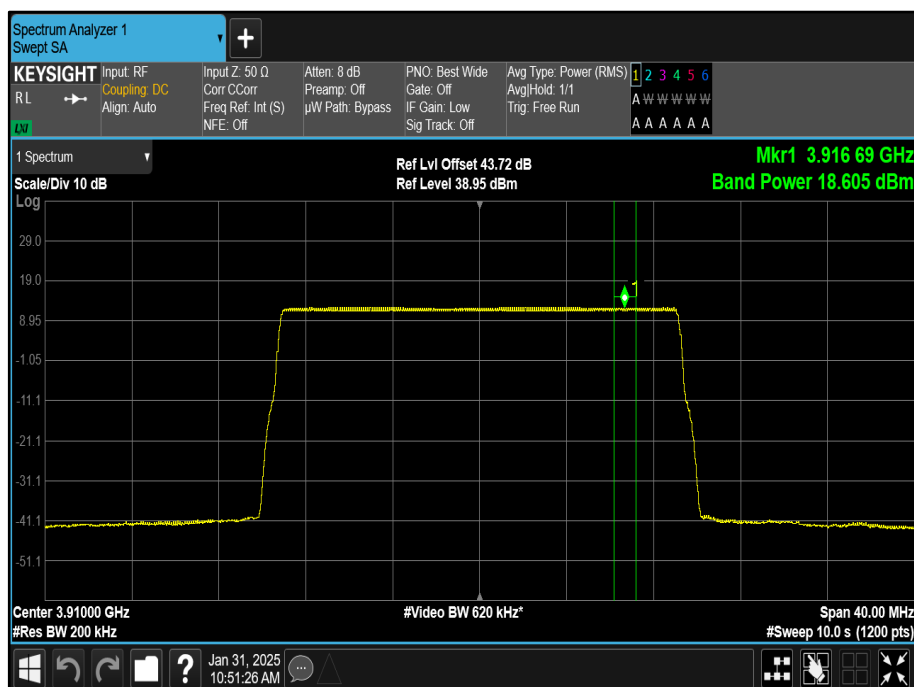
Maximum Output Power - see Section 1.4 Configuration Description

Antenna	Band	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
				Channel Position M							
				PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15
					dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	77G	64QAM	30.0 MHz 30 kHz SCS	-	32.96	18.62	51.02	36.68	26.40	63.08	2.07
	77M	QPSK	20.0 MHz 30 kHz SCS	-	31.06	18.61	49.12	36.67	27.40	64.07	1.08
18	77G	64QAM	50.0 MHz 30 kHz SCS	-	34.76	18.11	52.82	36.17	26.40	62.57	2.58
	77M	QPSK	20.0 MHz 30 kHz SCS	-	30.89	18.48	48.95	36.54	27.40	63.94	1.21
18	77G	64QAM	60.0 MHz 30 kHz SCS	-	35.38	17.96	53.44	36.02	26.40	62.42	2.73
	77M	QPSK	20.0 MHz 30 kHz SCS	-	30.83	18.43	48.89	36.49	27.40	63.89	1.26
18	77G	64QAM	70.0 MHz 30 kHz SCS	-	36.56	18.39	54.62	36.45	26.40	62.85	2.30
	77M	QPSK	20.0 MHz 30 kHz SCS	-	31.29	18.42	49.35	36.48	27.40	63.88	1.27
18	77G	64QAM	80.0 MHz 30 kHz SCS	-	36.42	17.66	54.48	35.72	26.40	62.12	3.03
	77M	QPSK	20.0 MHz 30 kHz SCS	-	30.29	17.54	48.35	35.60	27.40	63.00	2.15
18	77G	64QAM	90.0 MHz 30 kHz SCS	-	36.15	17.06	54.21	35.12	26.40	61.52	3.63
	77M	QPSK	20.0 MHz 30 kHz SCS	-	30.24	17.49	48.30	35.55	27.40	62.95	2.20

Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 30.0 MHz 30 kHz SCS - Channel Position B



Antenna 18 - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 30 kHz SCS - Channel Position B

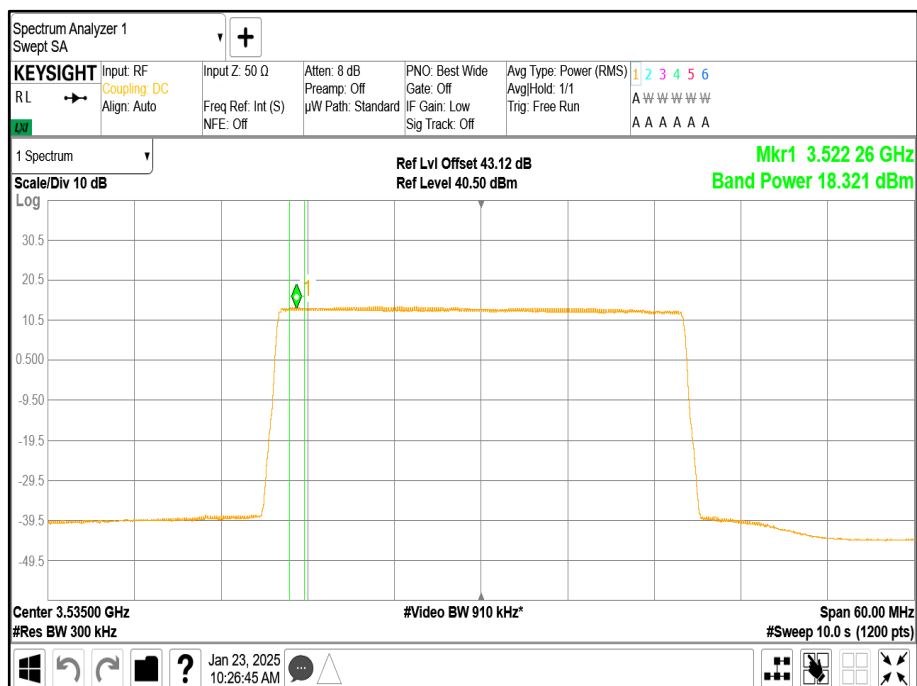


Configuration 17

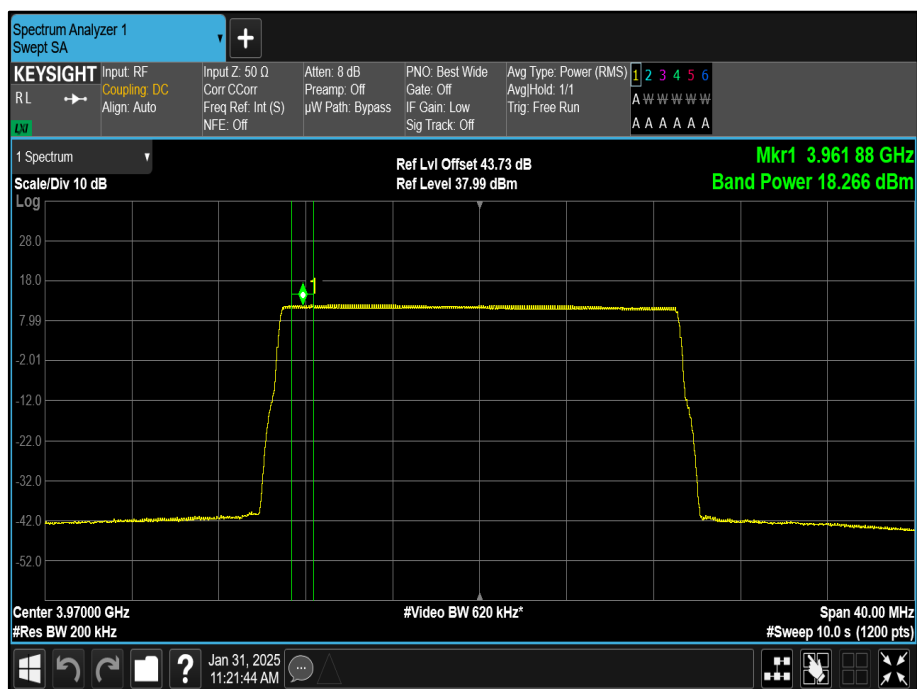
Maximum Output Power - see Section 1.4 Configuration Description

Antenna	Band	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
				Channel Position T							
				PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 65.15
					dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	77G	64QAM	30.0 MHz 30 kHz SCS	-	32.49	18.32	50.55	36.38	26.40	62.78	2.37
	77M	QPSK	20.0 MHz 30 kHz SCS	-	30.74	18.27	48.80	36.33	27.04	63.37	1.78
18	77G	64QAM	50.0 MHz 30 kHz SCS	-	34.47	18.12	52.53	36.18	26.40	62.58	2.57
	77M	QPSK	20.0 MHz 30 kHz SCS	-	30.59	18.27	48.65	36.33	27.04	63.37	1.78
18	77G	64QAM	60.0 MHz 30 kHz SCS	-	35.46	18.11	53.52	36.17	26.40	62.57	2.58
	77M	QPSK	20.0 MHz 30 kHz SCS	-	30.79	18.10	48.85	36.16	27.04	63.20	1.95
18	77G	64QAM	70.0 MHz 30 kHz SCS	-	36.28	18.15	54.34	36.21	26.40	62.61	2.54
	77M	QPSK	20.0 MHz 30 kHz SCS	-	30.91	18.08	48.97	36.14	27.04	63.18	1.97
18	77G	64QAM	80.0 MHz 30 kHz SCS	-	35.99	17.38	54.05	35.44	26.40	61.84	3.31
	77M	QPSK	20.0 MHz 30 kHz SCS	-	29.68	17.18	47.74	35.24	27.04	62.28	2.87
18	77G	64QAM	90.0 MHz 30 kHz SCS	-	35.67	16.68	53.73	34.74	26.40	61.14	4.01
	77M	QPSK	20.0 MHz 30 kHz SCS	-	29.72	17.22	47.78	35.28	27.04	62.32	2.83

Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 30.0 MHz 30 kHz SCS - Channel Position B



Antenna 18 - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 30 kHz SCS - Channel Position B

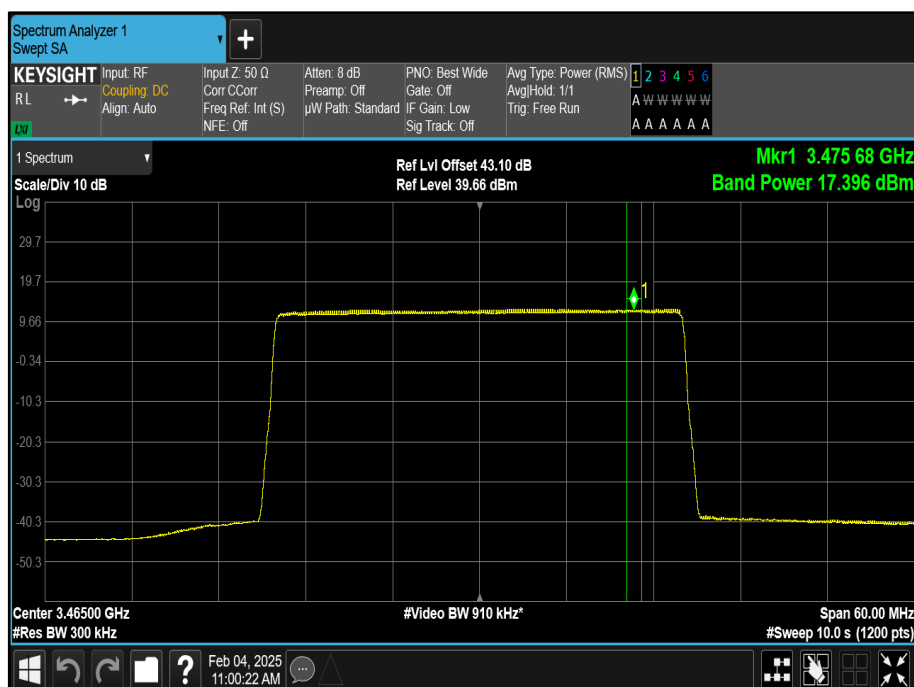


Configuration 18

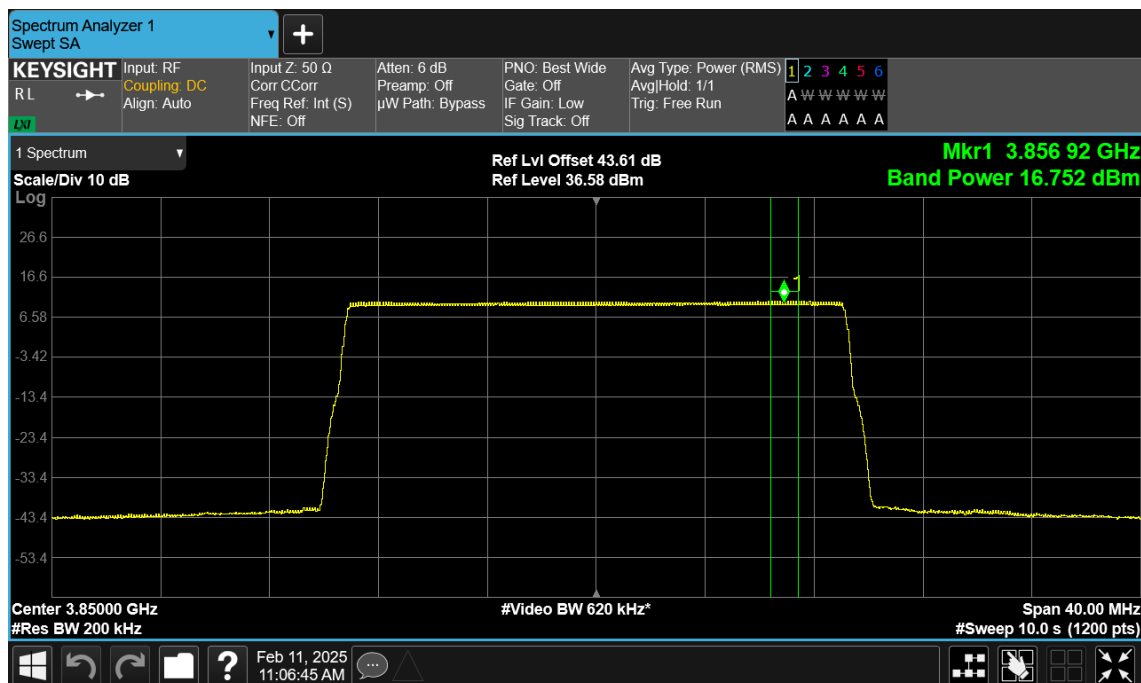
Maximum Output Power - see Section 1.4 Configuration Description

Antenna	Band	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
				Channel Position B							
				PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 62.15
					dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	77G	64QAM	30.0 MHz 30 kHz SCS	-	31.58	17.40	49.64	35.46	26.40	61.86	0.29
18	77M	QPSK	20.0 MHz 30 kHz SCS	-	29.20	16.75	47.26	34.81	27.04	61.85	0.30
18	77G	64QAM	50.0 MHz 30 kHz SCS	-	33.66	17.34	51.72	35.40	26.40	61.80	0.35
18	77M	QPSK	20.0 MHz 30 kHz SCS	-	29.07	16.66	47.13	34.72	27.04	61.76	0.39
18	77G	64QAM	60.0 MHz 30 kHz SCS	-	34.49	17.15	52.55	35.21	26.40	61.61	0.54
18	77M	QPSK	20.0 MHz 30 kHz SCS	-	29.05	16.50	47.11	34.56	27.04	61.60	0.55
18	77G	64QAM	70.0 MHz 30 kHz SCS	-	35.03	17.09	53.09	35.15	26.40	61.55	0.60
18	77M	QPSK	20.0 MHz 30 kHz SCS	-	28.92	16.43	46.98	34.49	27.04	61.53	0.62
18	77G	64QAM	80.0 MHz 30 kHz SCS	-	35.05	16.55	53.11	34.61	26.40	61.01	1.14
18	77M	QPSK	20.0 MHz 30 kHz SCS	-	28.17	15.63	46.23	33.69	27.04	60.73	1.42
18	77G	64QAM	90.0 MHz 30 kHz SCS	-	35.54	16.38	53.60	34.44	26.40	60.84	1.31
18	77M	QPSK	20.0 MHz 30 kHz SCS	-	28.11	15.65	46.17	33.71	27.04	60.75	1.40

Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 30.0 MHz 30 kHz SCS - Channel Position B



Antenna 18 - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 30 kHz SCS - Channel Position B

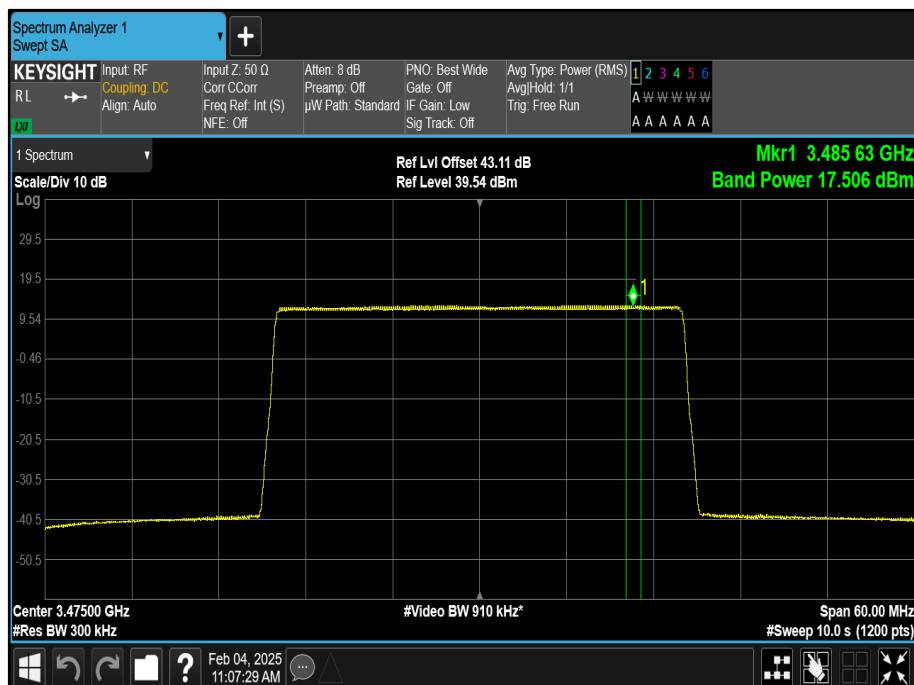


Configuration 18

Maximum Output Power - see Section 1.4 Configuration Description

Antenna	Band	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
				Channel Position M							
				PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 62.15
					dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	77M	64QAM	30.0 MHz 30 kHz SCS	-	31.78	17.51	49.84	35.57	26.40	61.97	0.18
18	77G	QPSK	20.0 MHz 30 kHz SCS	-	29.14	16.64	47.20	34.70	27.40	62.10	0.05
18	77M	64QAM	50.0 MHz 30 kHz SCS	-	33.90	17.38	51.96	35.44	26.40	61.84	0.31
18	77G	QPSK	20.0 MHz 30 kHz SCS	-	29.19	16.52	47.25	34.58	27.40	61.98	0.17
18	77M	64QAM	60.0 MHz 30 kHz SCS	-	34.52	17.12	52.58	35.18	26.40	61.58	0.57
18	77G	QPSK	20.0 MHz 30 kHz SCS	-	29.17	16.57	47.23	34.63	27.40	62.03	0.12
18	77M	64QAM	70.0 MHz 30 kHz SCS	-	35.38	17.17	53.44	35.23	26.40	61.63	0.52
18	77G	QPSK	20.0 MHz 30 kHz SCS	-	28.98	16.57	47.04	34.63	27.40	62.03	0.12
18	77M	64QAM	80.0 MHz 30 kHz SCS	-	35.29	16.61	53.35	34.67	26.40	61.07	1.08
18	77G	QPSK	20.0 MHz 30 kHz SCS	-	28.19	15.80	46.25	33.86	27.40	61.26	0.89
18	77M	64QAM	90.0 MHz 30 kHz SCS	-	35.71	16.45	53.77	34.51	26.40	60.91	1.24
18	77G	QPSK	20.0 MHz 30 kHz SCS	-	28.35	15.80	46.41	33.86	27.40	61.26	0.89

Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 30.0 MHz 30 kHz SCS - Channel Position M



Antenna 18 - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 30 kHz SCS - Channel Position M



Configuration 18

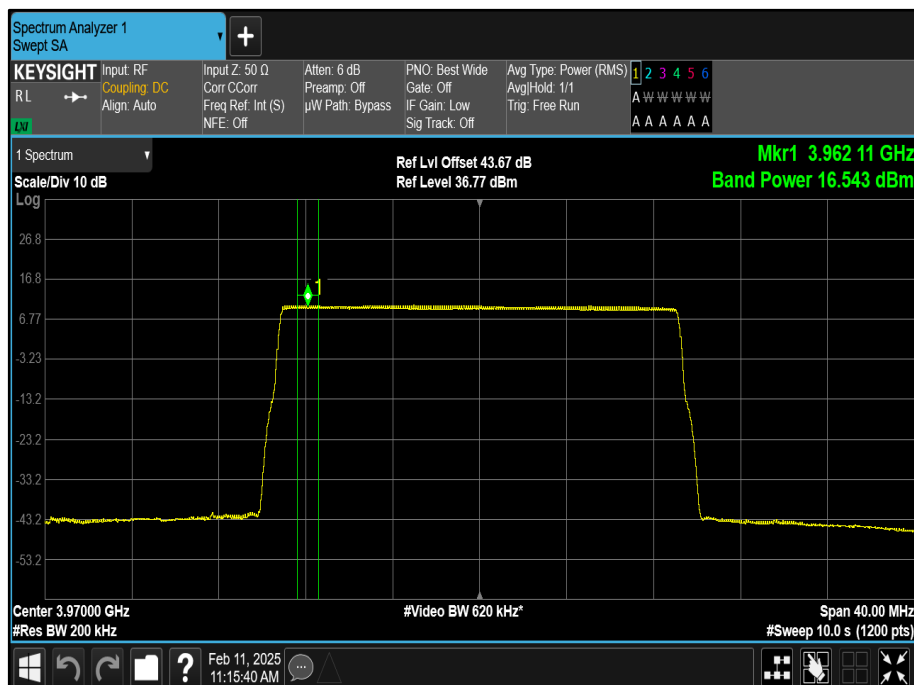
Maximum Output Power - see Section 1.4 Configuration Description

Antenna	Band	NR Modulation	NR Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power / PSD							
				Channel Position T							
				PAR (dB)	Average Power/PSD		Total Power Ports 1-64		Declared Gain	Total EIRP	Margin Limit 62.15
					dBm	dBm/MHz	dBm	dBm/MHz	dBi	dBm/MHz	dB
18	77M	64QAM	30.0 MHz 30 kHz SCS	-	31.68	17.55	49.74	35.61	26.40	62.01	0.14
18	77G	QPSK	20.0 MHz 30 kHz SCS	-	28.73	16.54	46.79	34.60	27.04	61.64	0.51
18	77M	64QAM	50.0 MHz 30 kHz SCS	-	33.86	17.43	51.92	35.49	26.40	61.89	0.26
18	77G	QPSK	20.0 MHz 30 kHz SCS	-	28.97	16.44	47.03	34.50	27.04	61.54	0.61
18	77M	64QAM	60.0 MHz 30 kHz SCS	-	34.28	17.21	52.34	35.27	26.40	61.67	0.48
18	77G	QPSK	20.0 MHz 30 kHz SCS	-	28.72	16.23	46.78	34.29	27.04	61.33	0.82
18	77M	64QAM	70.0 MHz 30 kHz SCS	-	35.24	17.31	53.30	35.37	26.40	61.77	0.38
18	77G	QPSK	20.0 MHz 30 kHz SCS	-	28.67	16.29	46.73	34.35	27.04	61.39	0.76
18	77M	64QAM	80.0 MHz 30 kHz SCS	-	35.09	16.66	53.15	34.72	26.40	61.12	1.03
18	77G	QPSK	20.0 MHz 30 kHz SCS	-	27.89	15.46	45.95	33.52	27.04	60.56	1.59
18	77M	64QAM	90.0 MHz 30 kHz SCS	-	35.69	16.47	53.75	34.53	26.40	60.93	1.22
18	77G	QPSK	20.0 MHz 30 kHz SCS	-	27.88	15.42	45.94	33.48	27.04	60.52	1.63

Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 30.0 MHz 30 kHz SCS - Channel Position T



Antenna 18 - NR Modulation QPSK - NR Carrier Bandwidth 20.0 MHz 30 kHz SCS - Channel Position T



Limit 27.50 (j)

Maximum rated output power (Non-Rural)	≤ 1640 W/MHz or $\leq +62.15$ dBm/MHz
Maximum rated output power (Rural)	≤ 3280 W/MHz or $\leq +65.15$ dBm/MHz
Peak to Average Ratio	13 dB

Limit 27.50 9 (k)

Maximum rated output power (Non-Rural)	≤ 1640 W/MHz or $\leq +62.15$ dBm/MHz
Maximum rated output power (Rural)	≤ 3280 W/MHz or $\leq +65.15$ dBm/MHz
Peak to Average Ratio	13 dB



2.2 OCCUPIED BANDWIDTH

2.2.1 Specification Reference

FCC CFR 47 Part 27, Clause 27.53
FCC CFR 47 Part 2, Clause 2.1049

2.2.2 Date of Test and Modification State

24, 27, 28 and 29-January-2025 - Modification State 0

2.2.3 Test Equipment Used

The major items of test equipment used for the above tests are identified in Section 3.1.

2.2.4 Environmental Conditions

Ambient Temperature	20.9 - 21.8°C
Relative Humidity	31.8 - 34.2%

2.2.5 Test Method

All measurements were made in accordance with FCC KDB 971168 D01, Clause 4.2 and 4.3. The Spectrum Analyser RBW was configured to be at least 1% of the channel bandwidth of the carrier to be measured.

For 26 dB Bandwidth, in accordance with KDB 971168 D01, a peak detector and a trace setting of Max Hold were used. The trace was allowed to stabilise. Using the Spectrum Analyser function, the 26dB measurement result was obtained.

4.2 Occupied bandwidth – relative measurement procedure

The reference value is the highest level of the spectral envelope of the modulated signal, unless otherwise specified in an applicable rule section.

Subclause 5.4.3 of ANSI C63.26-2015 is applicable.

4.3 Occupied bandwidth – power bandwidth (99 %) measurement procedure

Subclause 5.4.4 of ANSI C63.26-2015 is applicable (wherein the recommendation is to use the 99 % power bandwidth function of a spectrum analyzer).

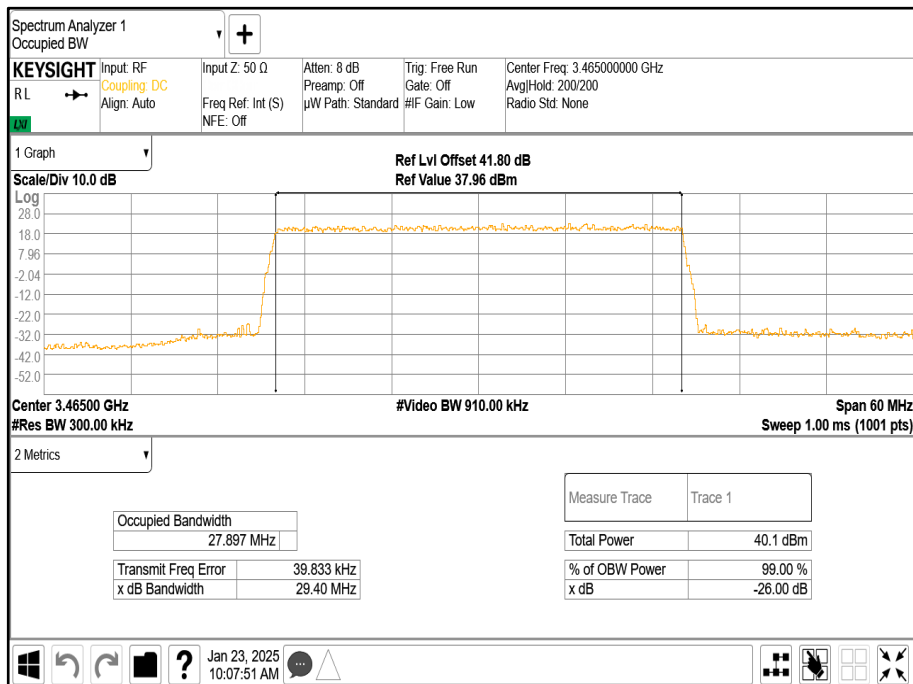
2.2.6 Test Results

Configuration 1

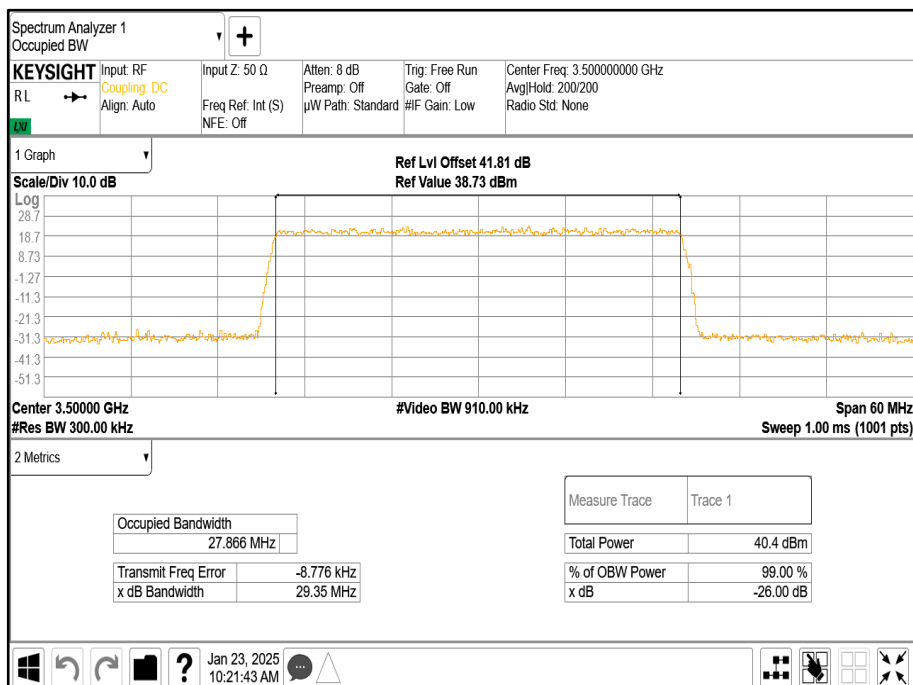
Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Result (kHz)					
			Channel Position B		Channel Position M		Channel Position T	
			Occupied Bandwidth	-26 dB Bandwidth	Occupied Bandwidth	-26 dB Bandwidth	Occupied Bandwidth	-26 dB Bandwidth
18	64QAM	30.0 MHz 30 kHz SCS	27897.23	29398.33	27866.11	29345.40	27818.45	29325.87
18	64QAM	50.0 MHz 30 kHz SCS	47453.79	49382.39	47515.65	49606.60	47524.67	49511.33
18	64QAM	60.0 MHz 30 kHz SCS	57651.02	59864.44	57694.04	59858.98	57643.91	59822.64
18	64QAM	70.0 MHz 30 kHz SCS	67245.25	69648.18	67308.44	69785.26	67268.12	69651.51
18	64QAM	80.0 MHz 30 kHz SCS	77299.17	80013.22	77397.71	79975.28	77146.23	80071.66
18	64QAM	90.0 MHz 30 kHz SCS	87245.27	90275.46	87166.07	90232.85	87342.06	90264.09

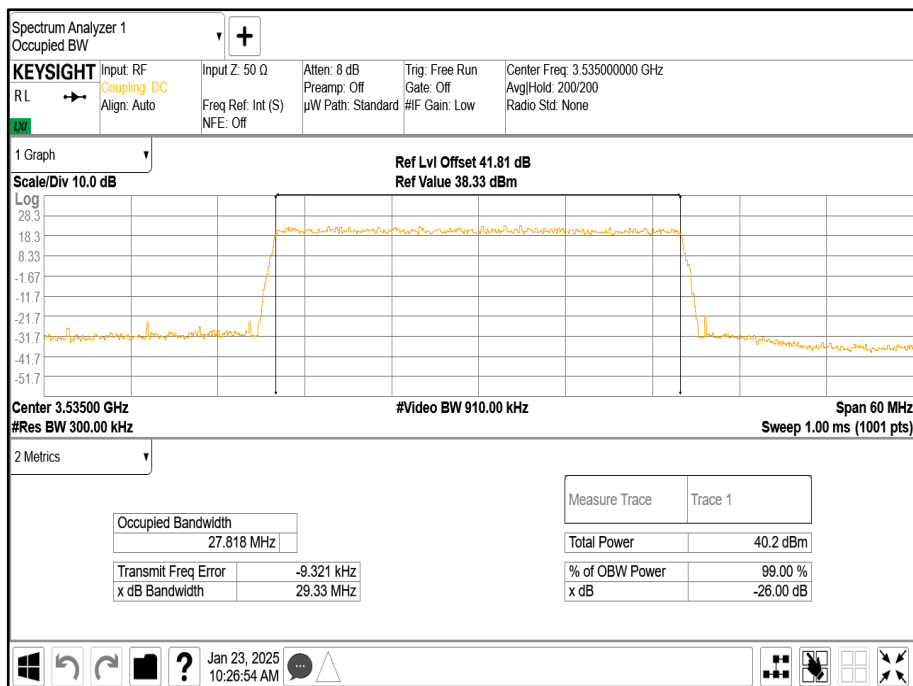
Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 30.0 MHz 30 kHz SCS - Channel Position B



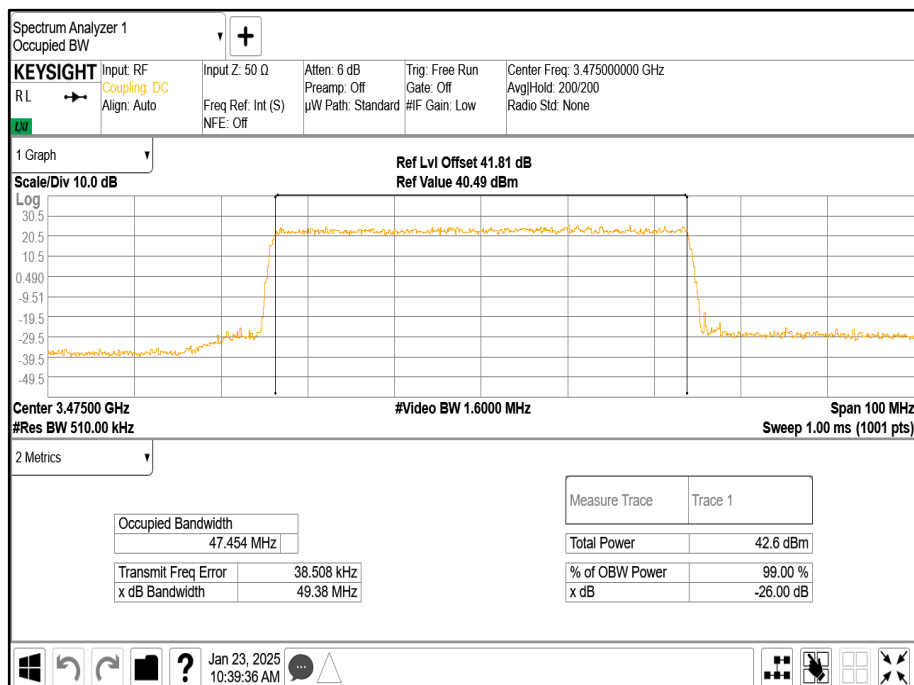
Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 30.0 MHz 30 kHz SCS - Channel Position M



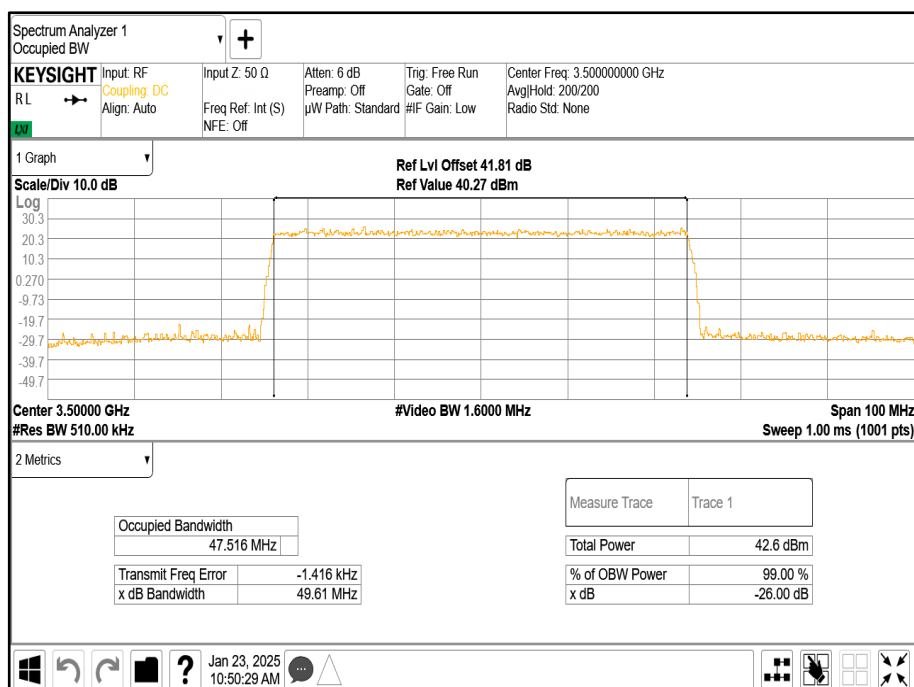
Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 30.0 MHz 30 kHz SCS - Channel Position T



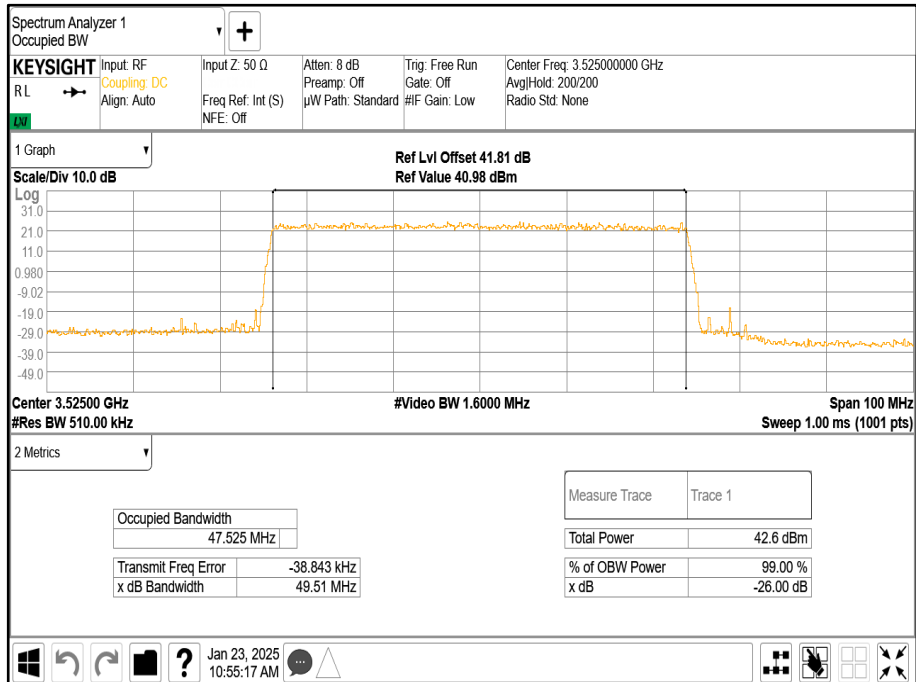
Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 50.0 MHz 30 kHz SCS - Channel Position B



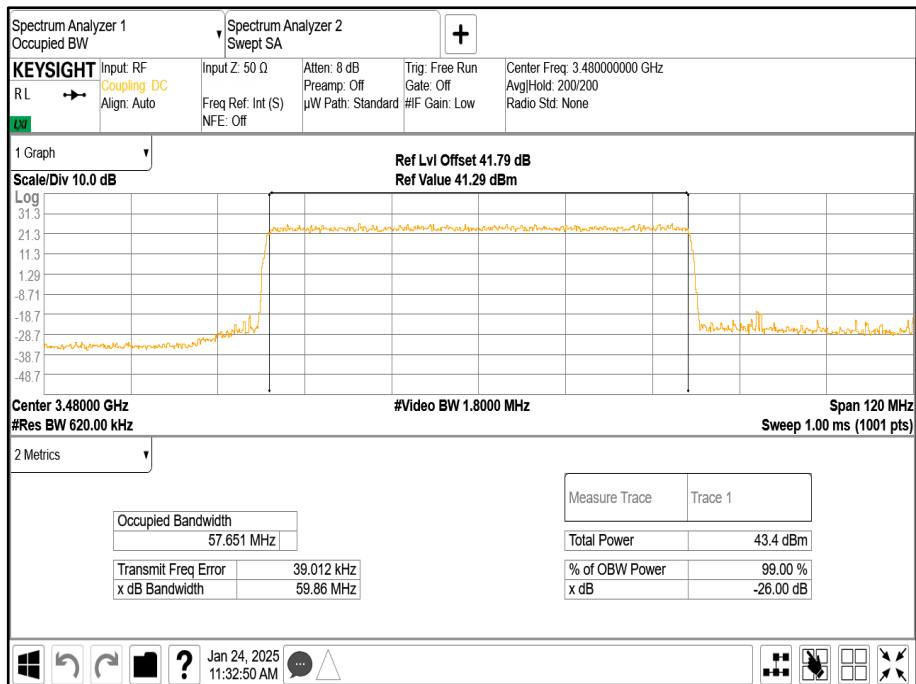
Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 50.0 MHz 30 kHz SCS - Channel Position M



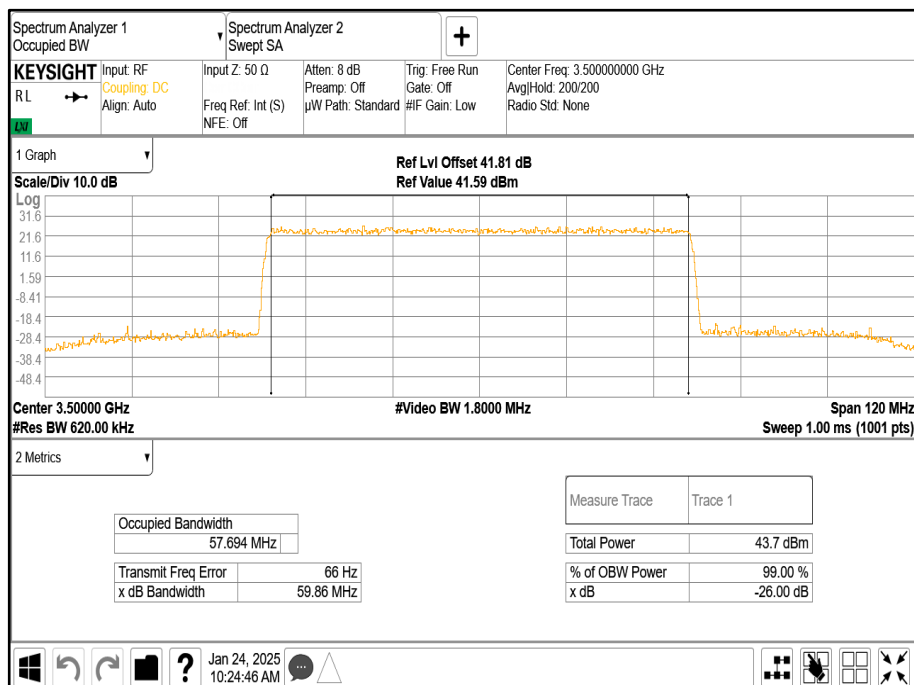
Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 50.0 MHz 30 kHz SCS - Channel Position T



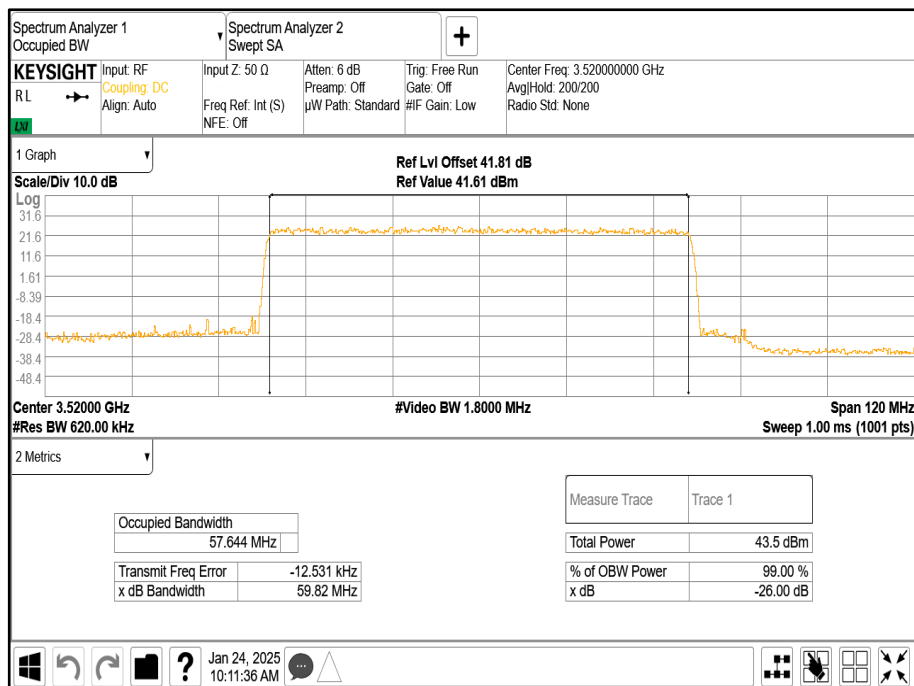
Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position B



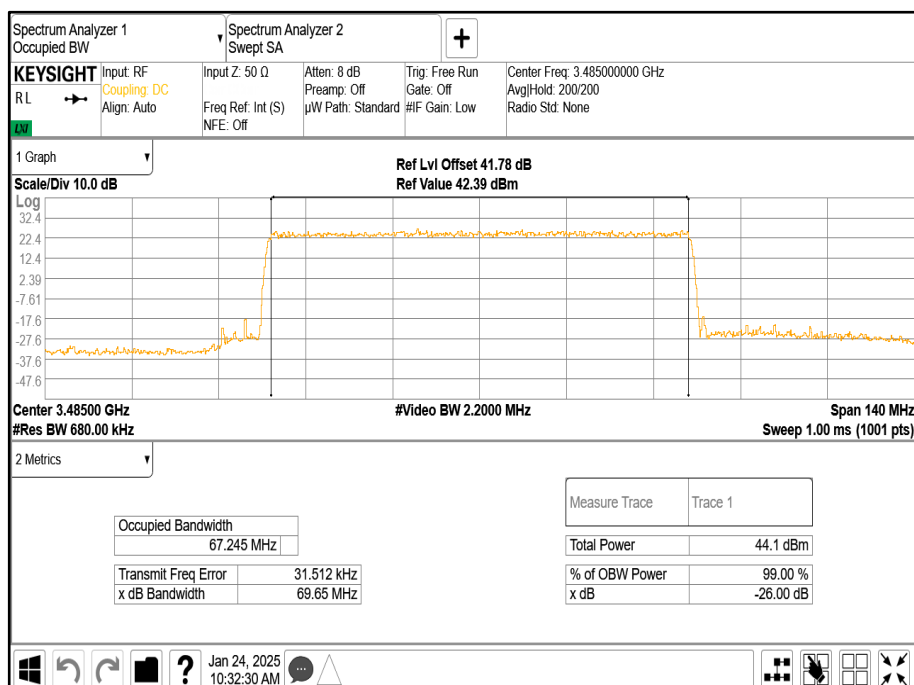
Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position M



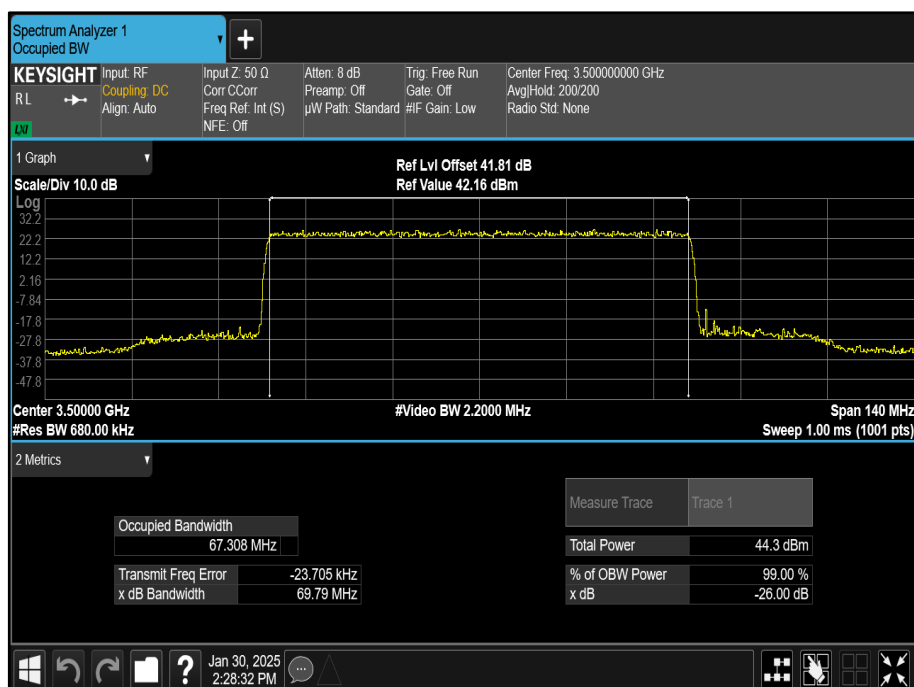
Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 60.0 MHz 30 kHz SCS - Channel Position T



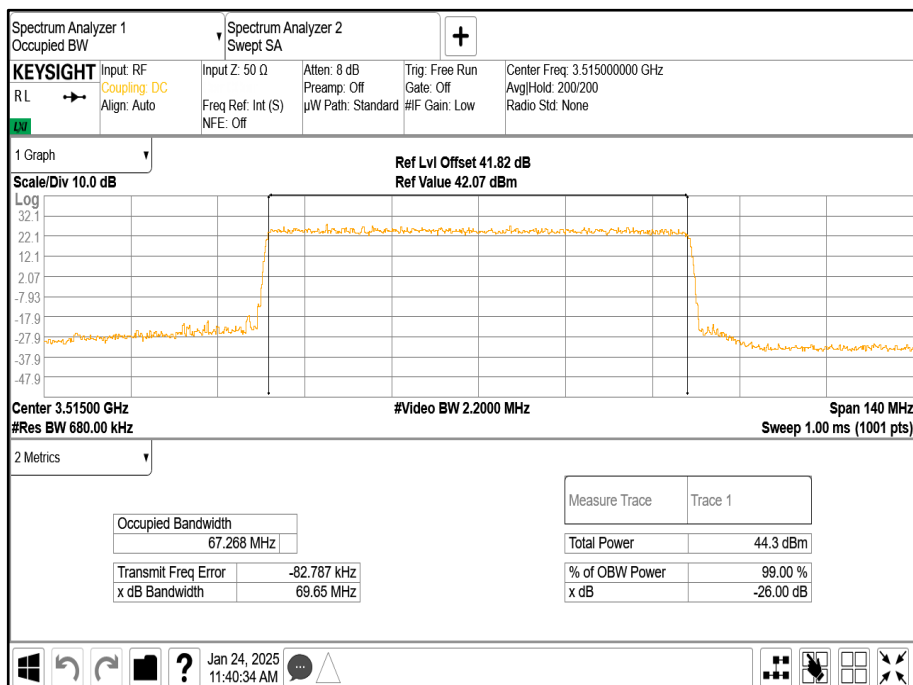
Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 70.0 MHz 30 kHz SCS - Channel Position B



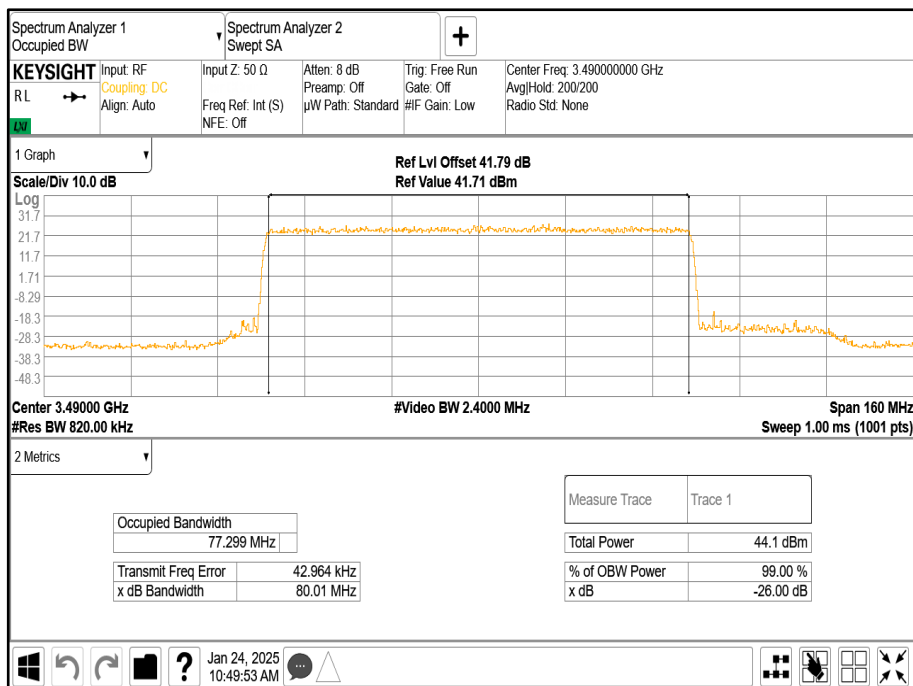
Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 70.0 MHz 30 kHz SCS - Channel Position M



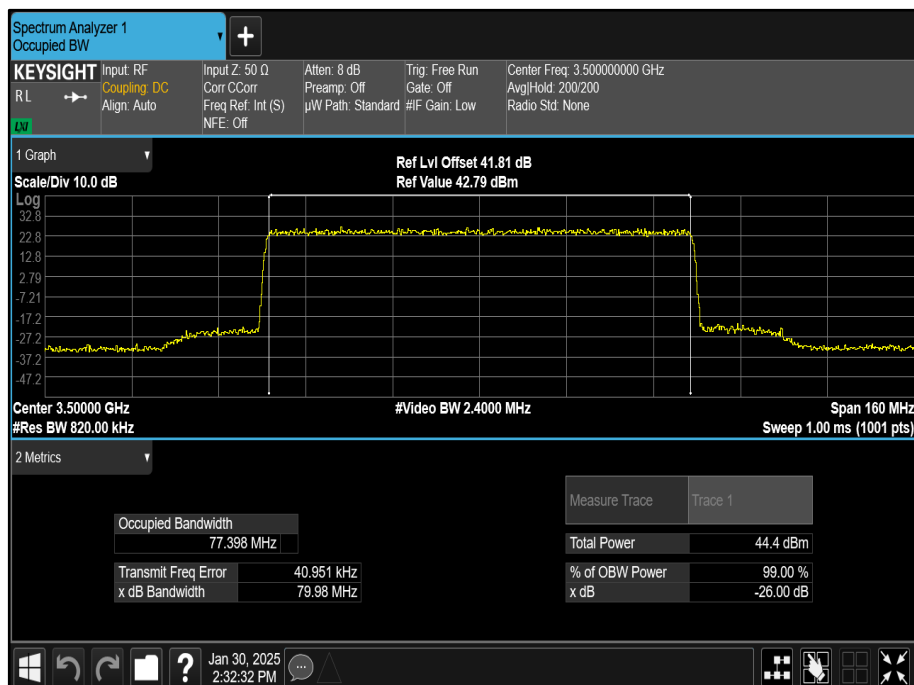
Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 70.0 MHz 30 kHz SCS - Channel Position T



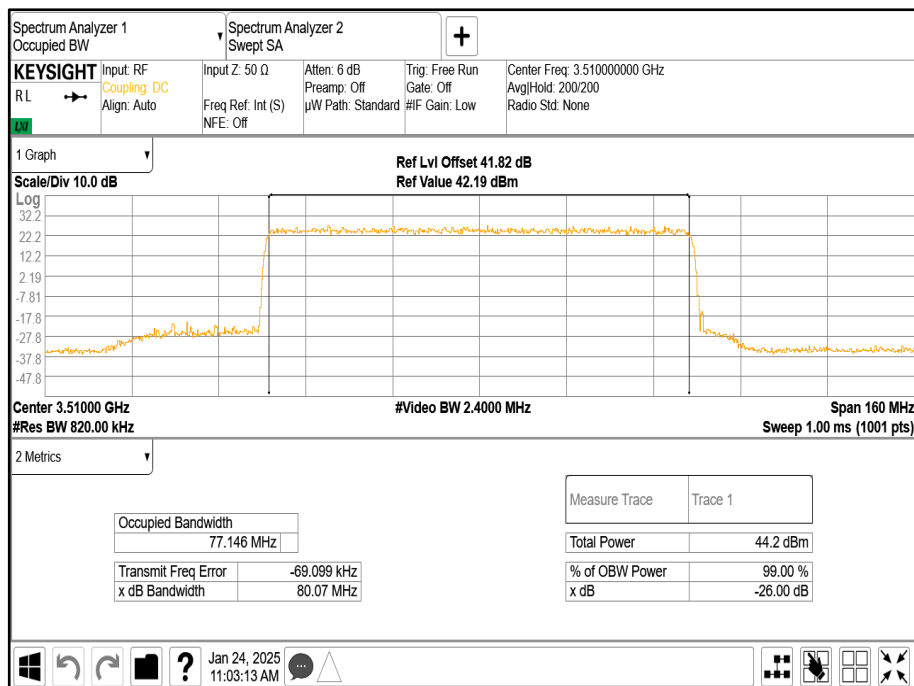
Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position B



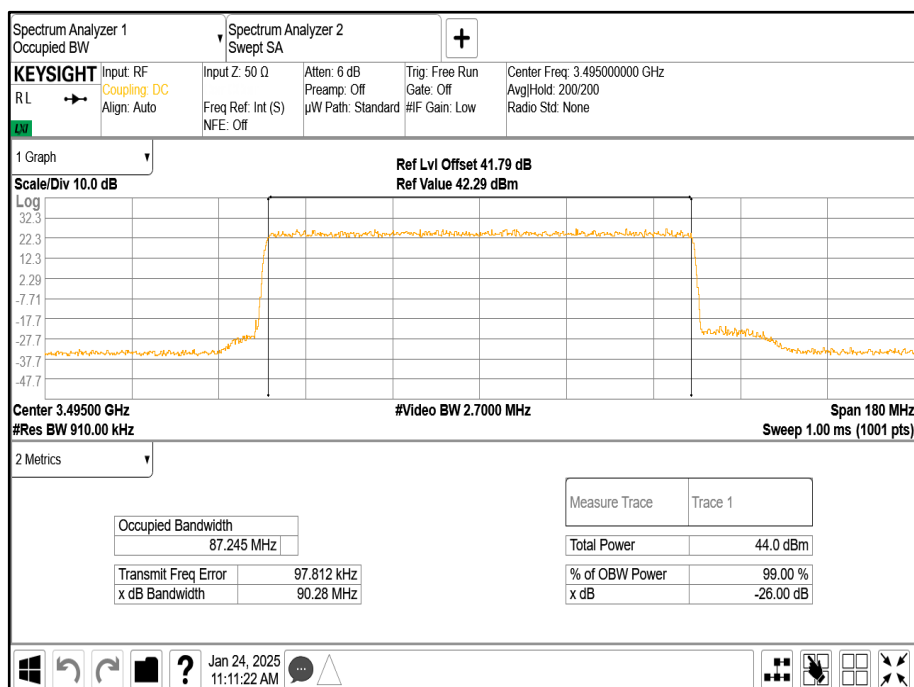
Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position M



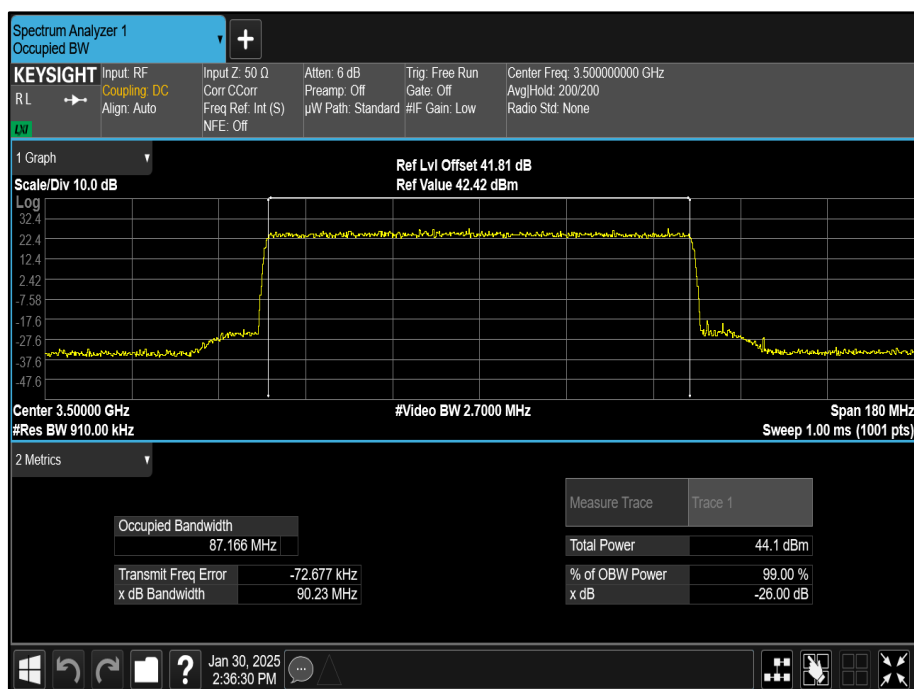
Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 80.0 MHz 30 kHz SCS - Channel Position T



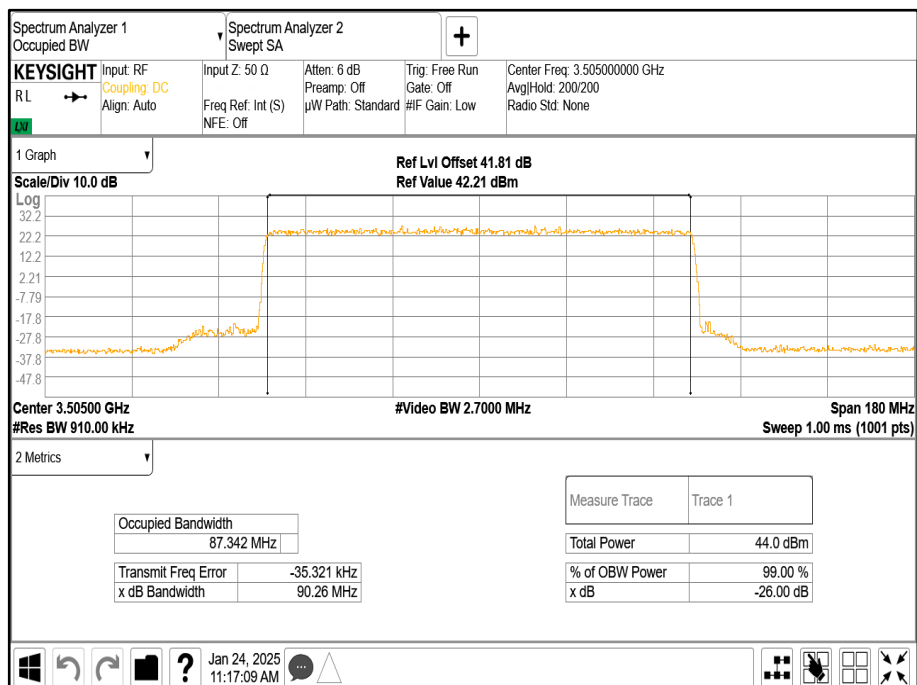
Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 90.0 MHz 30 kHz SCS - Channel Position B



Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 90.0 MHz 30 kHz SCS - Channel Position M



Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 90.0 MHz 30 kHz SCS - Channel Position T

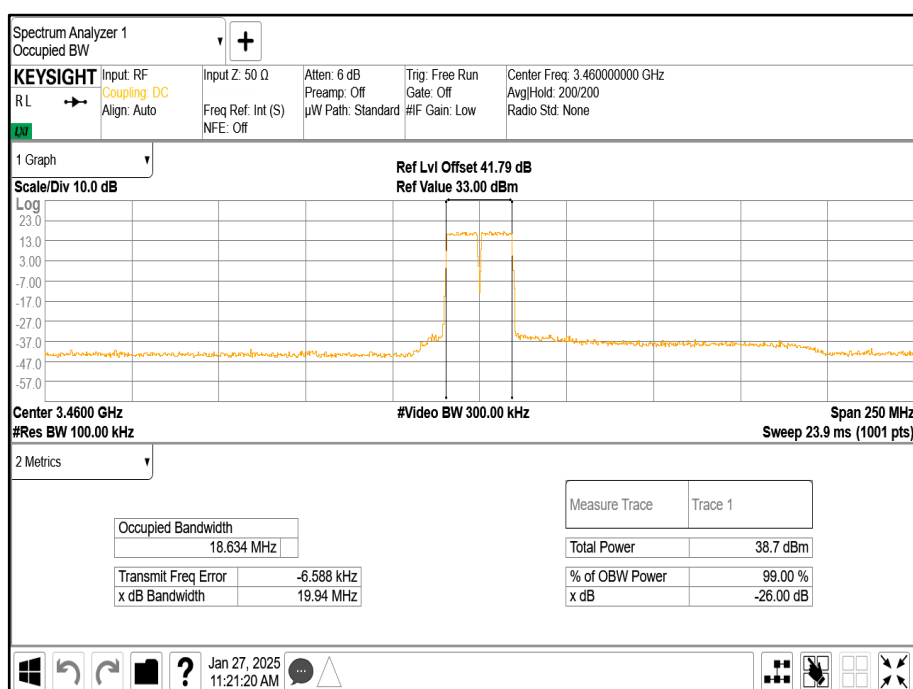


Configuration 3

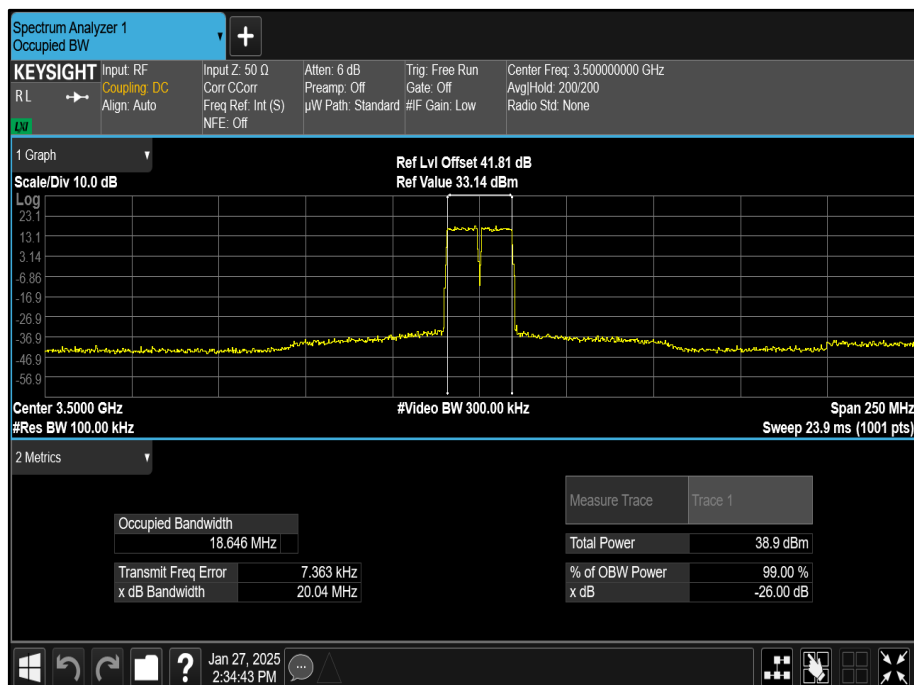
Maximum Output Power - see Section 1.4 Configuration Description

Antenna	NR Modulation	NR Carrier Bandwidth	Result (kHz)					
			Channel Position B		Channel Position M		Channel Position T	
			Occupied Bandwidth	-26 dB Bandwidth	Occupied Bandwidth	-26 dB Bandwidth	Occupied Bandwidth	-26 dB Bandwidth
18	64QAM	2 x 10.0 MHz 30 kHz SCS	18634.19	19941.01	18646.43	20042.92	18619.82	19924.11
18	64QAM	2 x 20.0 MHz 30 kHz SCS	38102.49	39823.67	38140.84	39749.53	38119.26	39879.37
18	64QAM	2 x 30.0 MHz 30 kHz SCS	57561.28	59626.52	57544.37	59574.53	57615.03	59472.37
18	64QAM	2 x 40.0 MHz 30 kHz SCS	77693.16	79882.26	77556.52	79616.85	77442.93	79897.30
18	64QAM	2 x 50.0 MHz 30 kHz SCS	97026.39	99636.97	96861.46	99549.56	96847.23	99642.18

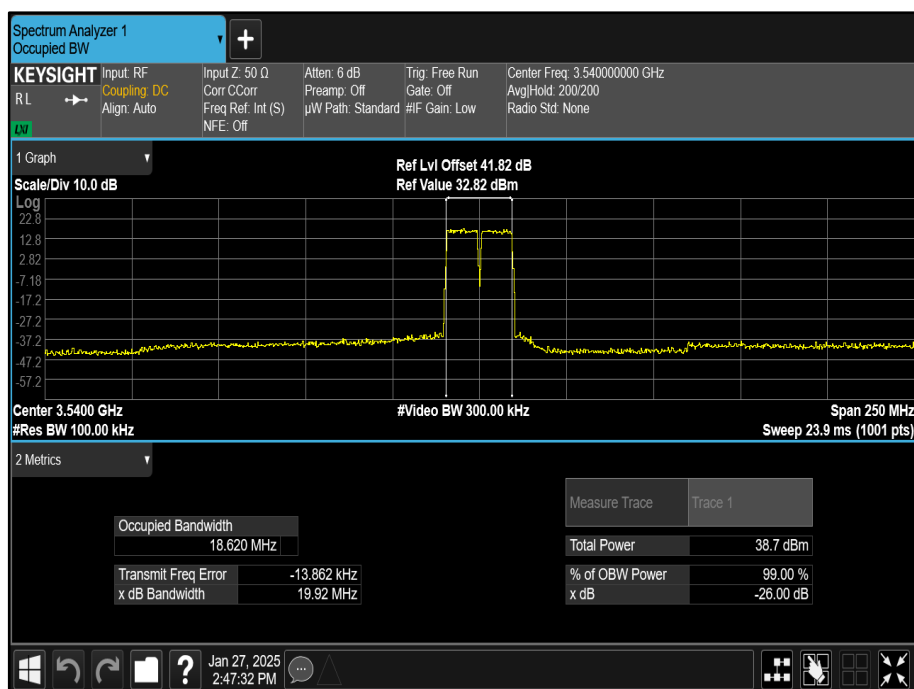
Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 2 x 10.0 MHz 30 kHz SCS - Channel Position B



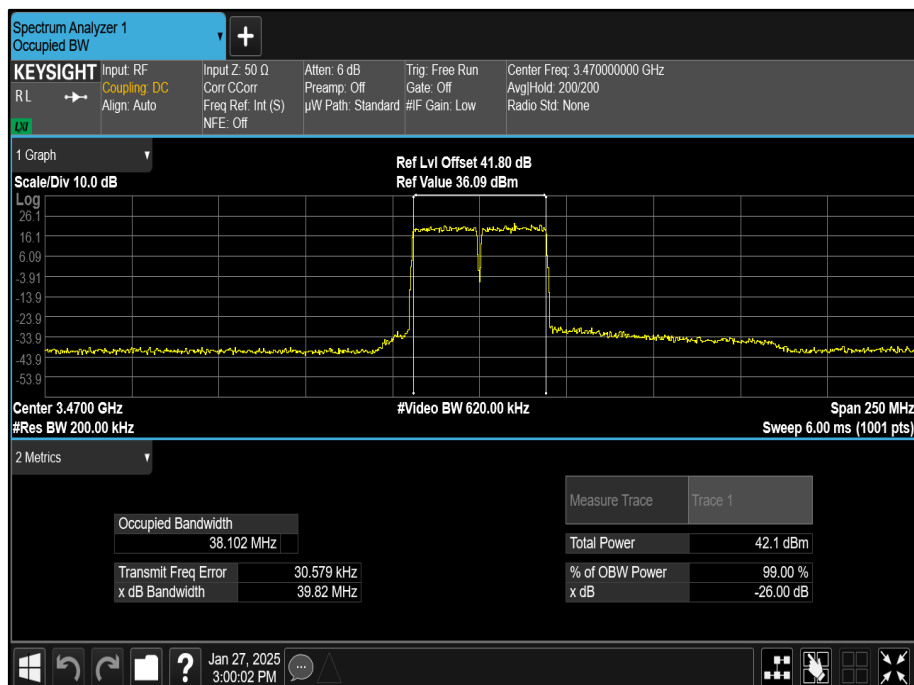
Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 2 x 10.0 MHz 30 kHz SCS - Channel Position M



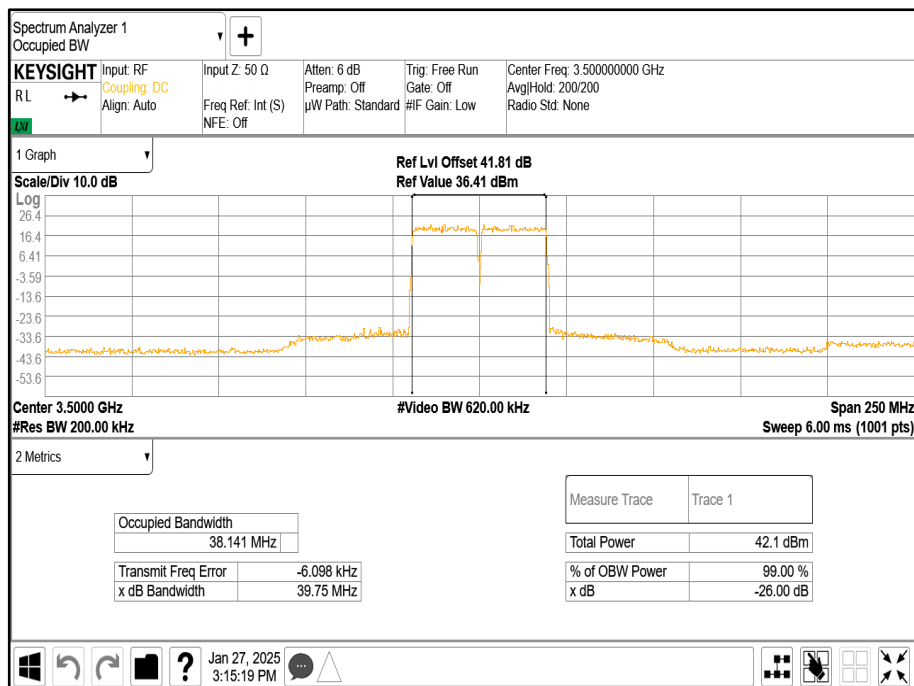
Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 2 x 10.0 MHz 30 kHz SCS - Channel Position T



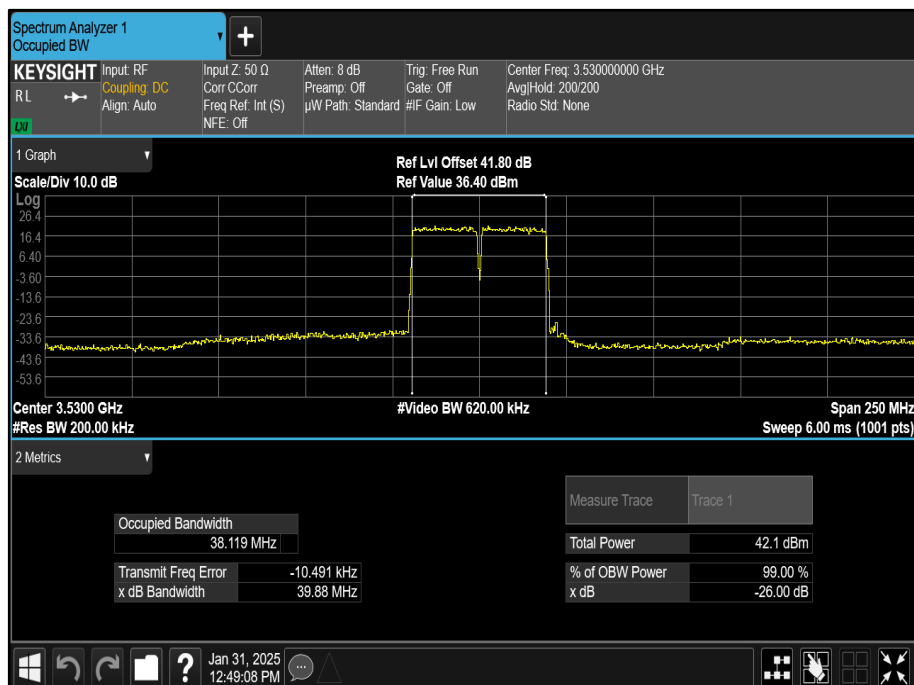
Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 2 x 20.0 MHz 30 kHz SCS - Channel Position B



Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 2 x 20.0 MHz 30 kHz SCS - Channel Position M



Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 2 x 20.0 MHz 30 kHz SCS - Channel Position T



Antenna 18 - NR Modulation 64QAM - NR Carrier Bandwidth 2 x 30.0 MHz 30 kHz SCS - Channel Position B

