

Ericsson AB

RF TEST REPORT

Report Type:

FCC Part 96 RF report

PRODUCT NAME:

AIR 3268 B48

REPORT NUMBER:

231201079SHA-001

ISSUE DATE:

December 29, 2023

DOCUMENT CONTROL NUMBER:

TTRFFCC Part 96_V1 © 2018 Intertek





Total Quality. Assured.

TEST REPORT

Intertek Testing Services Shanghai
Building No.86, 1198 Qinzhou Road (North)
Caohejing Development Zone
Shanghai 200233, China

Telephone: 86 21 6127 8200

www.intertek.com

Report no.: 231201079SHA-001

Applicant: Ericsson AB
Isafjordsgatan 10 SE-164 80 Stockholm 16480 Sweden

Manufacturer: Ericsson AB
Isafjordsgatan 10 SE-164 80 Stockholm 16480 Sweden

FCC ID: TA8AKRD901254

SUMMARY:

The equipment is tested according to the following standard(s) or Specification:

FCC CFR 47 Part 96: CITIZENS BROADBAND RADIO SERVICE

PREPARED BY:

Project Engineer
Victor Yang

REVIEWED BY:

Reviewer
Jackson Huang

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

TEST REPORT**Content**

REVISION HISTORY.....	4
MEASUREMENT RESULT SUMMARY	5
1 GENERAL INFORMATION	6
1.1 DESCRIPTION OF EQUIPMENT UNDER TEST (EUT)	6
1.2 TECHNICAL SPECIFICATION	7
1.3 DESCRIPTION OF TEST FACILITY	8
2 TEST SPECIFICATIONS.....	9
2.1 RELATED DOCUMENTS	9
2.2 PRODUCT INFORMATION.....	9
2.3 CONFIGURATION DESCRIPTION.....	10
2.4 TEST SETUP	11
2.5 TEST ENVIRONMENT CONDITION:.....	12
2.6 INSTRUMENT LIST	13
2.7 MEASUREMENT UNCERTAINTY	14
3 POWER, PSD AND PEAK TO AVERAGE POWER RATIO.....	15
3.1 LIMIT	15
3.2 MEASUREMENT PROCEDURE	15
3.3 MEASUREMENT RESULT	16
4 OCCUPIED BANDWIDTH	23
4.1 MEASUREMENT PROCEDURE	23
4.2 MEASUREMENT RESULT	24
5 UNWANTED EMISSIONS AT BAND EDGE	26
5.1 LIMIT	26
5.2 MEASUREMENT PROCEDURE	26
5.3 MEASUREMENT RESULT	27
6 CONDUCTED UNWANTED EMISSION	33
6.1 LIMIT	33
6.2 MEASUREMENT PROCEDURE	33
6.3 MEASUREMENT RESULT	34

TEST REPORT**Revision History**

Report No.	Version	Description	Issued Date
231201079SHA-001	Rev. 01	Initial issue of report	December 29, 2023

TEST REPORT**Measurement result summary**

TEST ITEM	FCC REFERANCE	RESULT
Power, PSD and Peak to Average Power Ratio	96.41(b)(c)(g) 2.1046	Pass
Occupied Bandwidth	96.41(e)(3) 2.1049	Pass
Unwanted Emissions at Band Edge	96.41(e)(1) 2.1051	Pass
Conducted Unwanted Emission	96.41(e)(2) 2.1051	Pass

TEST REPORT**1 GENERAL INFORMATION****1.1 Description of Equipment Under Test (EUT)**

Description:	Antenna Integrated Radio
Product name:	AIR 3268 B48
	KRD 901 254/1 (with un-security software and antenna) KRD 901 254/11 (with security software and antenna) KRD 901 254/3* (with un-security software and CAB board for testing purpose) KRD 901 254/31 (with security software and CAB board for testing purpose)
Product number:	Note *: This is the tested unit.
Serial Number(s)	E23E286865
Rating:	-48V DC
Software Version:	PIS: CXP2030038/7_R59A67, UP: CXP2010174/1_R83A105
Hardware Version:	R1B
Sample received date:	December 18, 2023
Date of test:	December 18, 2023 ~ December 26, 2023

TEST REPORT**1.2 Technical Specification**

Frequency Range:	TX/RX: 3550 - 3700 MHz
Number of Antenna ports:	32 TX/RX
Supported RAT:	LTE, NR
Max RF bandwidth (IBW):	150MHz
Supported Number of Carriers:	LTE: 6, NR: 2, LTE+NR: 5
Supported modulation:	QPSK, 16QAM, 64QAM, 256QAM
Supported Channel Bandwidth:	LTE: 10, 20 MHz NR: 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 MHz
Max Declaration output power (all ports):	34 W
Antenna Gain:	11 dBi (Layer compensated gain), 23 dBi (Effective gain)

Note: Information in the 1.2 sheet declared by the manufacturer.

TEST REPORT**1.3 Description of Test Facility**

Name:	Intertek Testing Services Shanghai
Address 1:	Building 86, No. 1198 Qinzhou Road(North), Shanghai 200233, P.R. China
Address 2:	No. 5 Lize East Street, Ericsson Tower, Chaoyang District, Beijing 100102 P.R.C.
Telephone:	+86 21 61278200
Telefax:	+86 21 54262353
The test facility is recognized, certified, or accredited by these organizations:	FCC Accredited Lab Designation Number: CN0175 IC Registration Lab CAB identifier.: CN0014 A2LA Accreditation Lab Certificate Number: 3309.02

TEST REPORT

2 TEST SPECIFICATIONS

2.1 Related documents

FCC Part 96 (2022)

FCC Part 2 (2022)

ANSI C63.26:2015

KDB 971168 D01 v03r01

KDB 662911 D01 v02r01

KDB 940660 D01 v02

2.2 Product Information

The Equipment Under Test (EUT) AIR 3268 B48 is an Ericsson Radio Unit working in the public mobile services 3550-3700MHz band which provides communication connections to 3550-3700MHz network. The AIR 3268 B48 operates from a -48V DC power supply.

The EUT includes 32 TX/RX ports. It can be configured to transmit in MIMO mode, and MIMO mode was used for measurements as the worst configuration. The complete testing was performed with the EUT transmitting at maximum RF power unless otherwise stated.

A full technical description can be found in the Manufacturer's documentation.

TEST REPORT

2.3 Configuration Description

Initial pre-testing was carried out to determine the worst modulation scheme by measuring the output power from QPSK, 16QAM, 64QAM and 256QAM on the middle channel of one antenna port. From these tests, it was determined that 256QAM was the worst modulation scheme and was used for all testing.

Complete testing was carried out on the worst antenna port which was determined by the highest output power from the 32 measured ports on worst case modulation scheme. The worst antenna port was antenna port 24.

The settings below were used for all measurements unless otherwise noted:

Configuration	Carrier	NR Carrier Bandwidth (MHz)	Carrier Frequency Configuration (MHz)			Declared Power (dBm) per port
			Bottom	Middle	Top	
NR-1C	1	15	3557.52	3625.02	3692.52	21.11
NR-2C	2	15	-	3557.52+3692.52	-	2x21.11

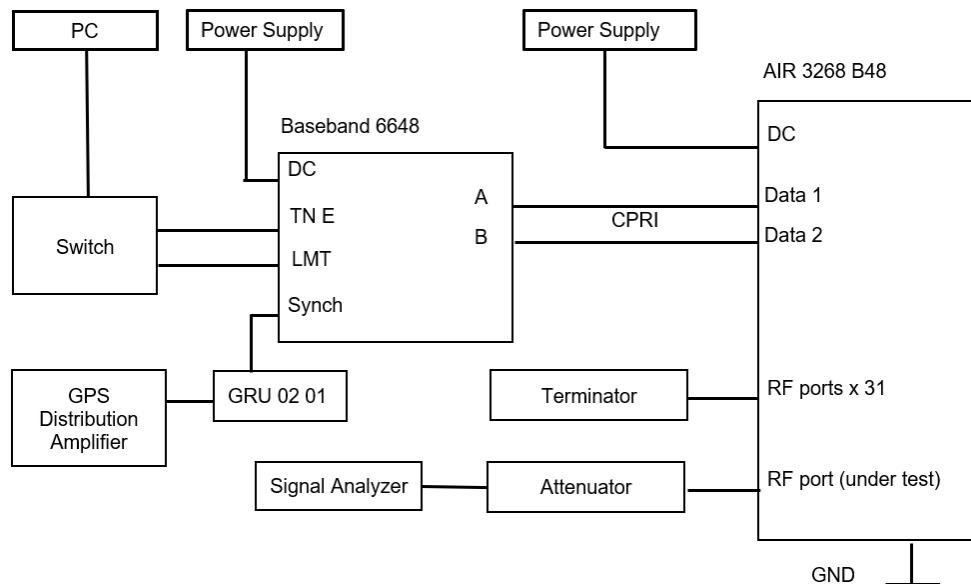
Configuration	Carrier	NR Carrier Bandwidth (MHz)	Carrier Frequency Configuration (MHz)			Declared Power (dBm) per port
			Bottom	Middle	Top	
NR-1C-BE	1	15	3557.52	-	3692.52	21.11
NR-2C-BE	2	15	3557.52+3572.52	-	3677.52+3692.52	2x21.11

Configuration	Carrier	NR Carrier Bandwidth (MHz)	Carrier Frequency Configuration (MHz)			Declared Power (dBm) per port
			Bottom	Middle	Top	
NR-1C-UE	1	15	3557.52	3625.02	3692.52	21.11
NR-2C-UE	2	15	-	3557.52+3692.52	-	2x21.11

TEST REPORT

2.4 Test Setup

Conducted Measurement:



No.	Auxiliary Equipment	Product Number / Model Type	Version
1	PC	PowerEdge R230	-
2	DC Power Supply	N8737A	-
3	Baseband 6648	KDU 137 0015/1	R3D
4	GRU 02 01	NCD 901 41/1	R1D
5	GPS Distribution Amplifier	58536A	-
6	Switch	LS-S5024E-CN	-
7	Terminator	AETFZ-10W-SMAM	-
8	40dB Attenuator	17070716	-
9	20dB Attenuator	18041905	-

Proper Attenuator will be chosen to use in relative test case. And the cable loss of specified Attenuator with connect cable will be calibrated before test for relative frequency range and the worst reading will be used as offset in the relative test case.

TEST REPORT**2.5 Test environment condition:**

Test items	Temperature	Humidity
Power, PSD and Peak to Average Power Ratio	19°C	52% RH
Occupied Bandwidth		
Unwanted Emissions at Band Edge		
Conducted Unwanted Emission		

TEST REPORT**2.6 Instrument list**

Intertek Testing Services					
Used	Equipment	Manufacturer	Type	S/N	Due date
<input checked="" type="checkbox"/>	PXA Signal Analyzer	Keysight	N9030A	EC1046	2024.4.7
<input type="checkbox"/>	Signal Generator	R&S	SMU200A	EC1050	2024.4.2
<input checked="" type="checkbox"/>	Multi-meter	Fluke	117	EC1051	2024.2.5
<input type="checkbox"/>	Climatic Chamber	赛宝	CEEC-WR16H-50W	EC1052	2024.8.28
<input checked="" type="checkbox"/>	Humiture meter	托普	TPJ-20	EC1053	2024.2.21

TEST REPORT**2.7 Measurement uncertainty**

The measurement uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Test item	Measurement uncertainty
Maximum output power	0.73dB
Occupied Bandwidth	0.88%
Unwanted Emissions at Band Edge	3.03dB
Conducted Unwanted Emission	3.03dB

TEST REPORT**3 Power, PSD and Peak to Average Power Ratio**

Test result: Pass

3.1 Limit

Power limits:

Maximum effective isotropic radiated power (EIRP): 47dBm/10MHz

Maximum Power Spectral Density (PSD): 37dBm/MHz

Peak to Average Ratio: ≤ 13 dB

3.2 Measurement Procedure

The EUT was configured to transmit on maximum power and proper modulation. Measurements were performed with a Spectrum Analyzer using the Band Power measurement function. The detector was set to RMS with an RBW of at least 1% of the carrier bandwidth and a VBW of at least 3 times the RBW. The integration bandwidth was configured to be 10MHz as defined in 96.41(b). Where the carrier width was greater than 10MHz, the integration bandwidth was moved to the region with the highest PSD to find the maximum band power.

For PSD measurements in a 1MHz bandwidth, an RMS detector was used with a single sweep. The highest PSD was established over the entire emission bandwidth and the result recorded.

CCDF measurements were carried out in accordance with ANSI C63.26 Clause 5.2.3.4.

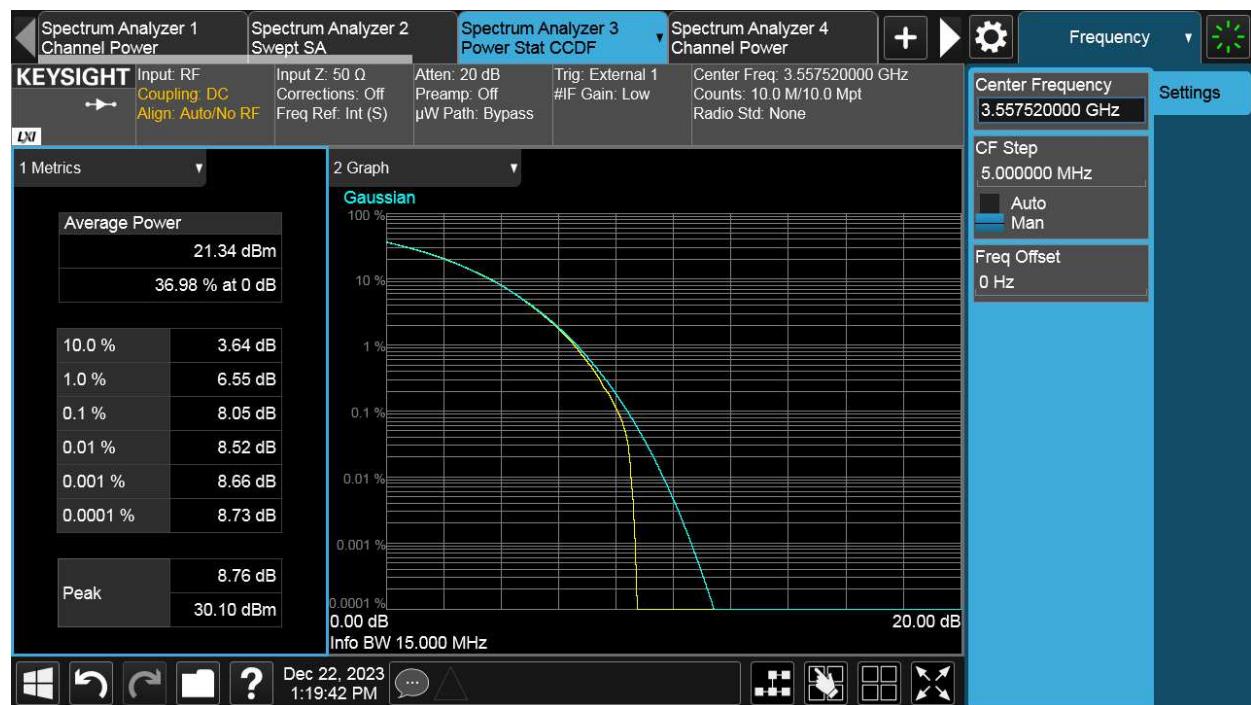
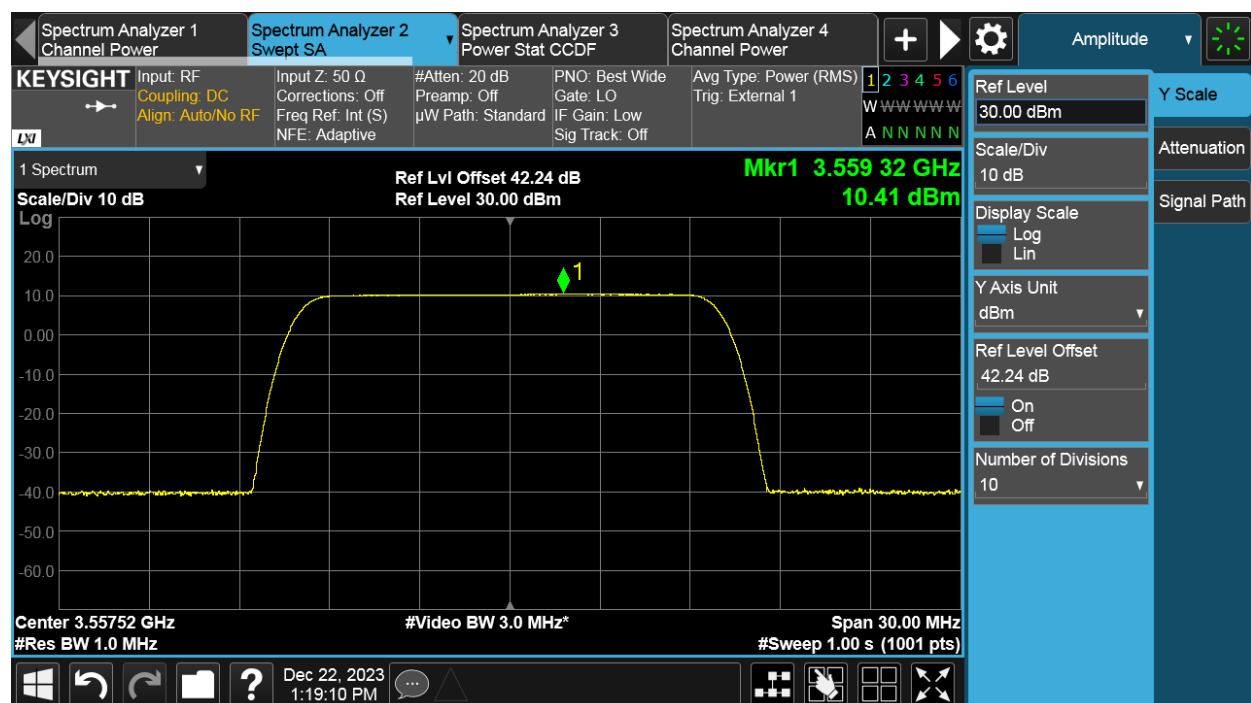
TEST REPORT

3.3 Measurement result

NR-1C:

Antenna Port	Modulation	Carrier Bandwidth (MHz)	Power / PSD / Peak-to-Average Ratio (PAR)			
			Channel position B			
			Power (dBm)	Power (dBm/MHz)	Power (dBm/10MHz)	PAR (dB)
1	256QAM	15	21.29	10.35	20.35	8.04
2	256QAM	15	21.09	10.16	20.16	8.03
3	256QAM	15	21.13	10.20	20.20	8.04
4	256QAM	15	20.99	10.30	20.30	8.04
5	256QAM	15	20.98	10.00	20.00	8.05
6	256QAM	15	21.02	10.07	20.07	8.06
7	256QAM	15	20.83	9.92	19.92	8.03
8	256QAM	15	21.05	10.10	20.10	8.03
9	256QAM	15	21.33	10.40	20.40	8.04
10	256QAM	15	21.03	10.60	20.60	8.03
11	256QAM	15	21.10	10.14	20.14	8.02
12	256QAM	15	20.96	10.12	20.12	8.02
13	256QAM	15	21.16	10.21	20.21	8.04
14	256QAM	15	21.09	10.15	20.15	8.03
15	256QAM	15	21.18	10.25	20.25	8.03
16	256QAM	15	21.26	10.36	20.36	8.04
17	256QAM	15	20.99	10.07	20.07	8.03
18	256QAM	15	21.28	10.37	20.37	8.04
19	256QAM	15	20.80	9.87	19.87	8.04
20	256QAM	15	21.31	10.41	20.41	8.03
21	256QAM	15	21.31	10.37	20.37	8.02
22	256QAM	15	21.33	10.36	20.36	8.02
23	256QAM	15	21.15	10.17	20.17	8.04
24	256QAM	15	21.37	10.41	20.41	8.05
25	256QAM	15	21.11	10.13	20.13	8.03
26	256QAM	15	21.06	10.08	20.08	8.05
27	256QAM	15	21.10	10.10	20.10	8.02
28	256QAM	15	21.04	10.07	20.07	8.03
29	256QAM	15	21.04	10.08	20.08	8.04
30	256QAM	15	21.11	10.11	20.11	8.04
31	256QAM	15	21.11	10.06	20.06	8.03
32	256QAM	15	20.97	9.96	19.96	8.03
Total 1-32			36.17	25.24	35.24	-
Antenna gain			11			
EIRP/PSD			47.17	36.24	46.24	-
Limit			-	37	47	13

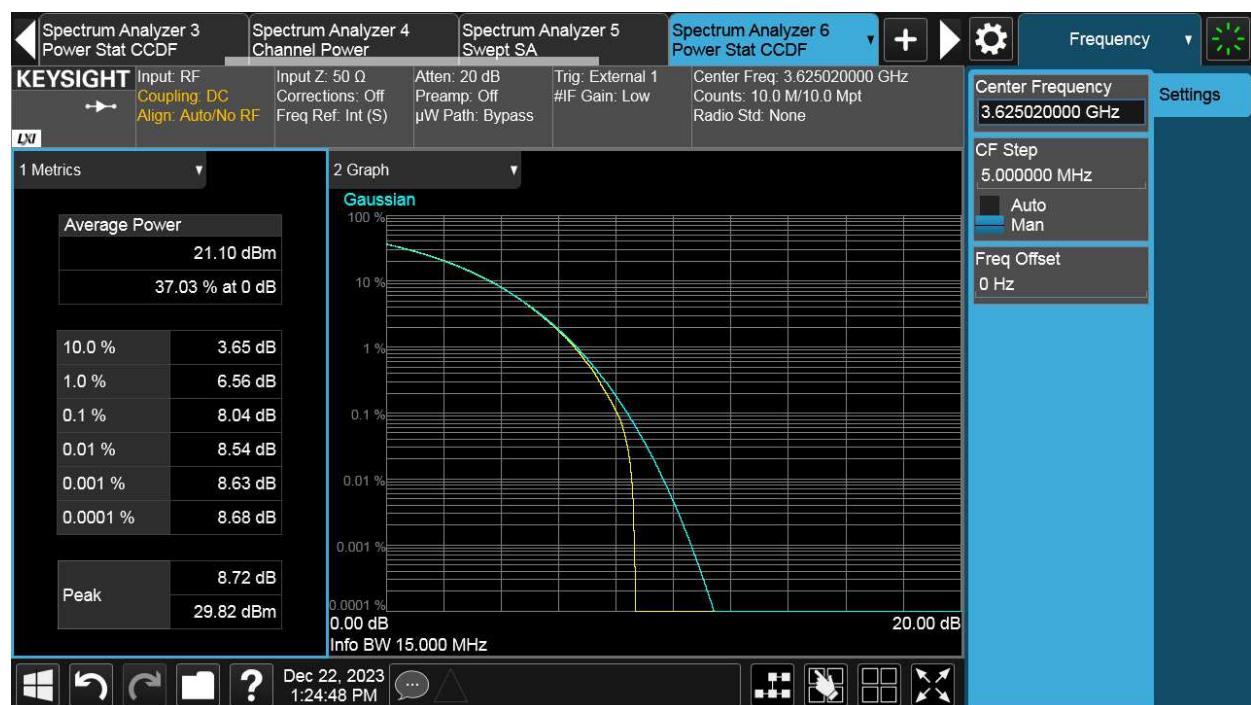
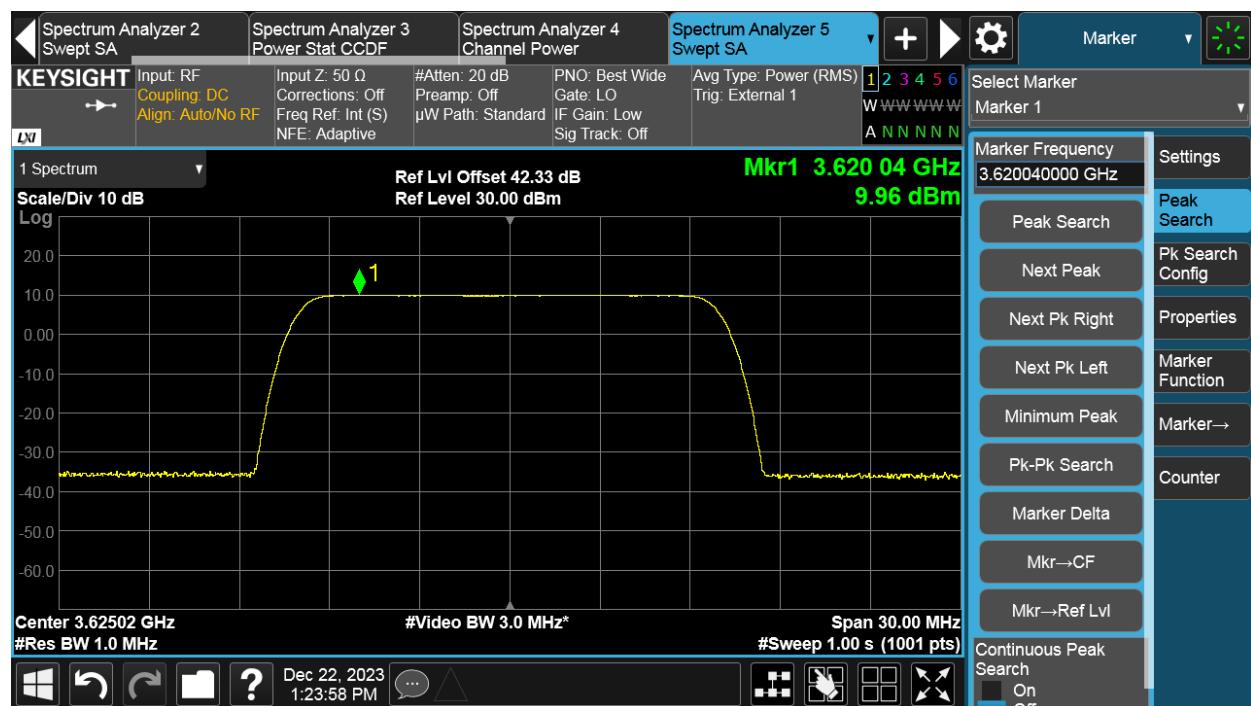
TEST REPORT



TEST REPORT

Antenna Port	Modulation	Carrier Bandwidth (MHz)	Power / PSD / Peak-to-Average Ratio (PAR)			
			Channel position M			
			Power (dBm)	Power (dBm/MHz)	Power (dBm/10MHz)	PAR (dB)
1	256QAM	15	20.95	9.94	19.94	8.02
2	256QAM	15	21.01	9.96	19.96	8.01
3	256QAM	15	20.08	9.83	19.83	8.04
4	256QAM	15	21.03	10.09	20.09	8.03
5	256QAM	15	20.80	9.78	19.78	8.04
6	256QAM	15	20.92	9.93	19.93	8.03
7	256QAM	15	20.98	9.96	19.96	8.03
8	256QAM	15	20.78	9.78	19.78	8.02
9	256QAM	15	21.08	10.06	20.06	8.03
10	256QAM	15	21.08	10.05	20.05	8.02
11	256QAM	15	20.93	9.90	19.90	8.01
12	256QAM	15	21.15	10.18	20.18	8.02
13	256QAM	15	20.99	9.97	19.97	8.02
14	256QAM	15	21.09	10.14	20.14	8.02
15	256QAM	15	21.14	10.15	20.15	8.01
16	256QAM	15	21.36	10.40	20.40	8.02
17	256QAM	15	21.34	10.37	20.37	8.01
18	256QAM	15	21.35	10.36	20.36	8.03
19	256QAM	15	21.24	10.23	20.23	8.03
20	256QAM	15	21.11	10.09	20.09	8.03
21	256QAM	15	20.96	9.96	19.96	8.02
22	256QAM	15	20.89	9.92	19.92	8.01
23	256QAM	15	20.97	9.96	19.96	8.03
24	256QAM	15	21.01	9.96	19.96	8.04
25	256QAM	15	21.08	10.03	20.03	8.03
26	256QAM	15	21.07	10.05	20.05	8.03
27	256QAM	15	21.06	10.03	20.03	8.01
28	256QAM	15	21.27	10.30	20.30	8.02
29	256QAM	15	21.39	10.39	20.39	8.04
30	256QAM	15	20.86	9.82	19.82	8.02
31	256QAM	15	20.84	9.85	19.85	8.01
32	256QAM	15	20.64	9.63	19.63	8.02
Total 1-32			36.07	25.09	35.09	-
Antenna gain			11			
EIRP/PSD			47.07	36.09	46.09	-
Limit			-	37	47	13

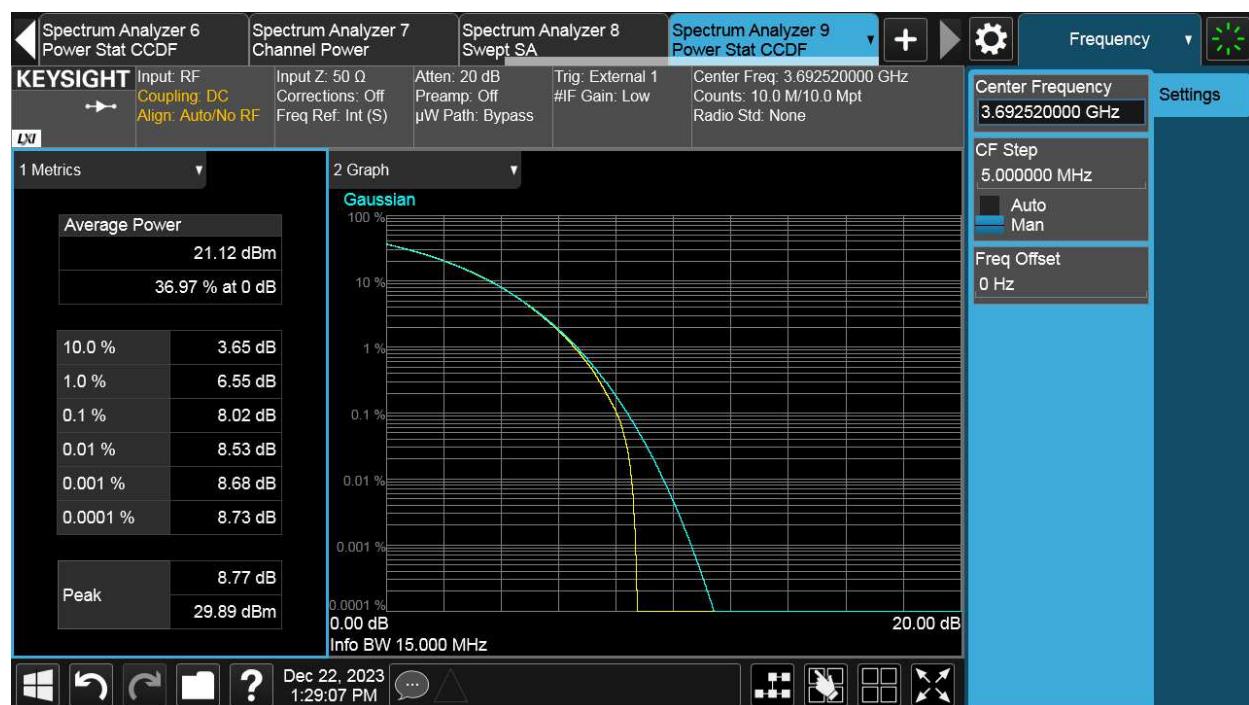
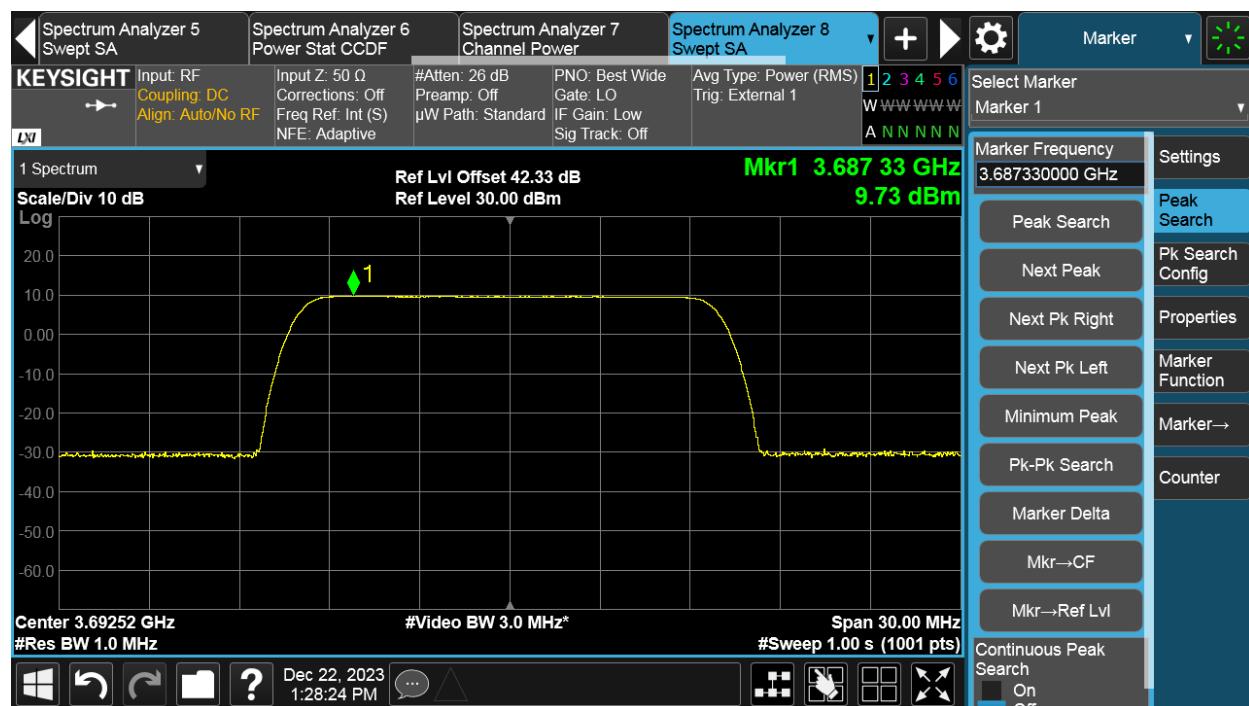
TEST REPORT



TEST REPORT

Antenna Port	Modulation	Carrier Bandwidth (MHz)	Power / PSD / Peak-to-Average Ratio (PAR)			
			Channel position T			
			Power (dBm)	Power (dBm/MHz)	Power (dBm/10MHz)	PAR (dB)
1	256QAM	15	20.91	10.00	20.00	8.01
2	256QAM	15	20.97	10.06	20.06	8.00
3	256QAM	15	20.76	9.84	19.84	8.02
4	256QAM	15	20.69	9.73	19.73	8.02
5	256QAM	15	20.45	9.58	19.58	8.02
6	256QAM	15	20.60	9.67	19.67	7.99
7	256QAM	15	20.77	9.87	19.87	8.01
8	256QAM	15	20.60	9.69	19.69	8.01
9	256QAM	15	20.77	9.88	19.88	8.01
10	256QAM	15	20.75	9.80	19.80	8.00
11	256QAM	15	20.80	9.84	19.84	8.00
12	256QAM	15	20.92	10.08	20.08	8.01
13	256QAM	15	20.64	9.73	19.73	8.02
14	256QAM	15	20.85	9.90	19.90	8.01
15	256QAM	15	20.76	9.89	19.89	8.00
16	256QAM	15	20.84	9.97	19.97	8.00
17	256QAM	15	21.15	10.30	20.30	8.00
18	256QAM	15	21.05	10.14	20.14	8.01
19	256QAM	15	20.77	9.88	19.88	8.02
20	256QAM	15	20.88	9.98	19.98	8.00
21	256QAM	15	20.70	9.75	19.75	7.99
22	256QAM	15	20.65	9.64	19.64	7.99
23	256QAM	15	20.62	9.75	19.75	8.01
24	256QAM	15	20.70	9.73	19.73	8.02
25	256QAM	15	20.88	10.06	20.06	8.00
26	256QAM	15	20.72	9.75	19.75	8.01
27	256QAM	15	21.01	10.14	20.14	8.00
28	256QAM	15	21.01	10.07	20.07	8.00
29	256QAM	15	20.81	9.97	19.97	8.02
30	256QAM	15	20.94	10.05	20.05	8.01
31	256QAM	15	20.74	9.84	19.84	8.00
32	256QAM	15	20.73	9.70	19.70	8.00
Total 1-32			35.85	24.94	34.94	-
Antenna gain					11	
EIRP/PSD			46.85	35.94	45.94	-
Limit			-	37	47	13

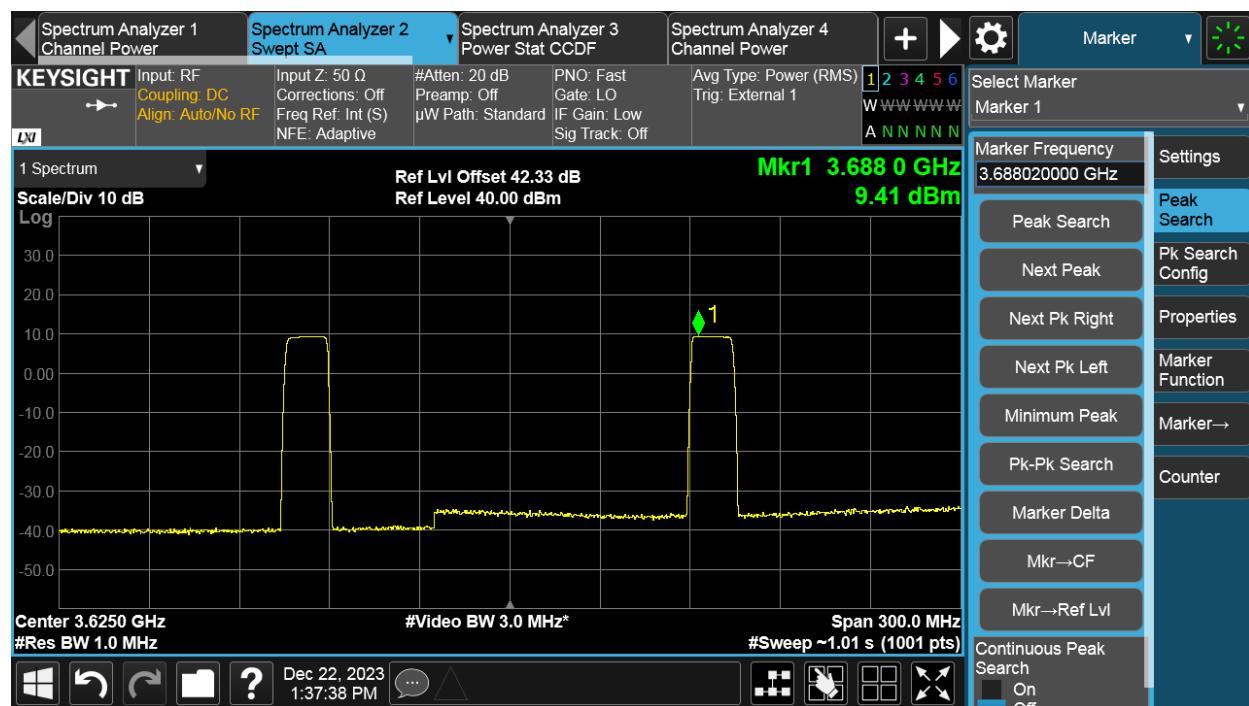
TEST REPORT



TEST REPORT

NR-2C:

Antenna Port	Modulation	Carrier Bandwidth (MHz)	Power / PSD / Peak-to-Average Ratio (PAR)			
			Channel position M			
			Power (dBm)	Power (dBm/MHz)	Power (dBm/10MHz)	PAR (dB)
29	256QAM	15	23.30	9.41	19.41	-
10LOG32			15.05			
Calculated 1-32			38.35	24.46	34.46	-
Antenna gain			11			
EIRP/PSD			49.46	35.46	45.46	-
Limit			-	37	47	13



TEST REPORT**4 Occupied Bandwidth**

Test result: Pass

4.1 Measurement Procedure

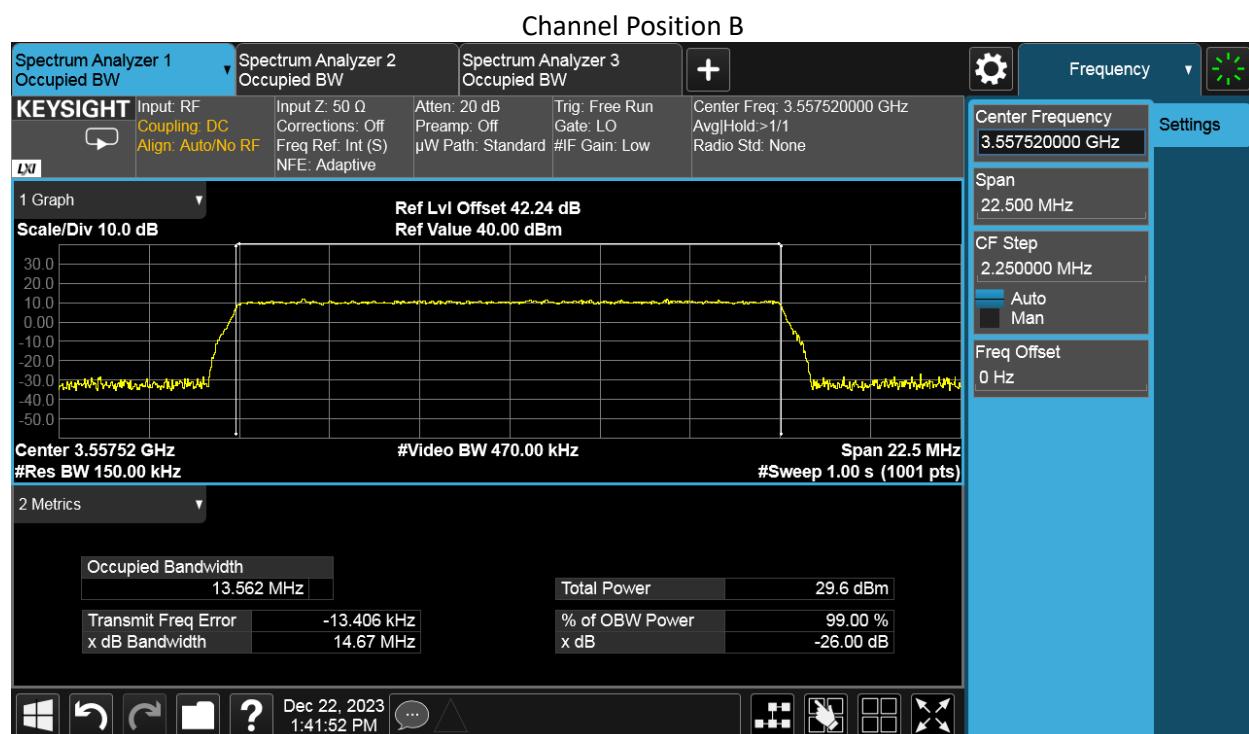
The EUT was set to transmit at maximum power and testing was carried out on bottom, middle and top channels. Using the Occupied Bandwidth measurement function in the spectrum analyzer, the 99% and 26dB bandwidth was measured in accordance with FCC KDB 971168 D01 Clause 4.2.

TEST REPORT

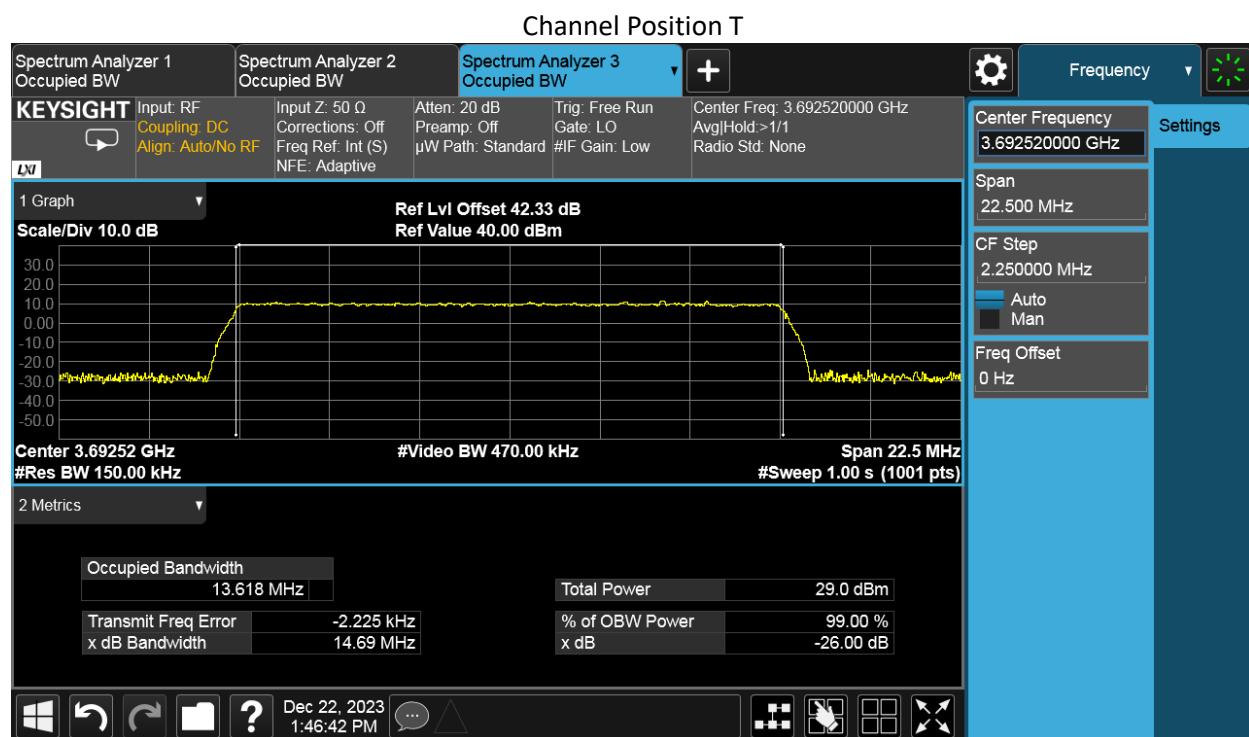
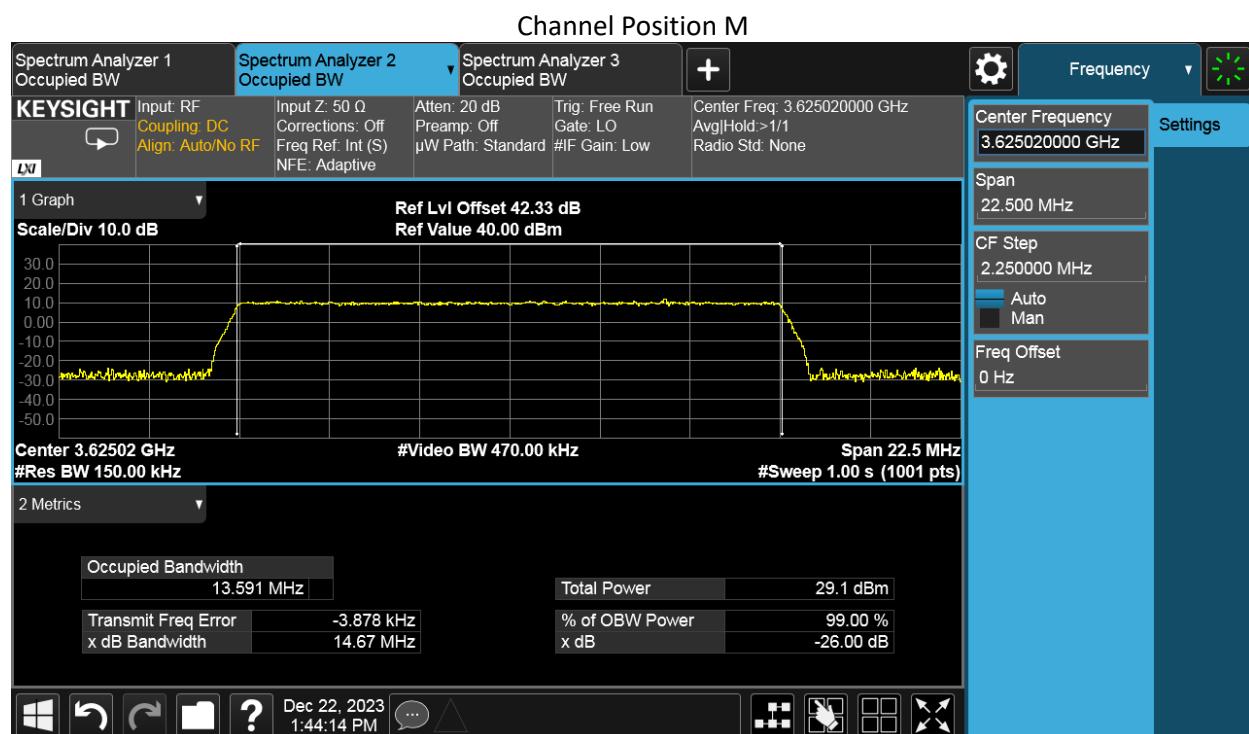
4.2 Measurement result

NR-1C:

Antenna Port	Modulation	Bandwidth	Channel Position B	Channel Position M	Channel Position T
24	256QAM	15MHz	99% Occupied Bandwidth (MHz)		
			13.562	13.591	13.618
			26dB Occupied Bandwidth (MHz)		
			14.67	14.67	14.69



TEST REPORT



TEST REPORT

5 Unwanted Emissions at Band Edge

Test result: Pass

5.1 Limit

Except as otherwise specified in paragraph (e)(2) of this section, for channel and frequency assignments made by the SAS to CBSDs, the conducted power of any emission outside the fundamental emission (whether in or outside of the authorized band) shall not exceed -13 dBm/MHz within 0-10 megahertz above the upper SAS-assigned channel edge and within 0-10 megahertz below the lower SAS-assigned channel edge. At all frequencies greater than 10 megahertz above the upper SAS assigned channel edge and less than 10 MHz below the lower SAS assigned channel edge, the conducted power of any emission shall not exceed -25 dBm/MHz.

5.2 Measurement Procedure

All measurements were made according with KDB 971168 D01.

For MIMO mode configurations, the limit was adjusted with a correction of -15.05dB [10Log(1/32)] by using the Measure and Add 10Log(N) dB technique according to KDB 662911 D01 Multiple Transmitter Output accounting for simultaneous transmission from antenna ports .

In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed and a RBW of 1MHz for measurements of emissions > 1MHz away from the band edges.

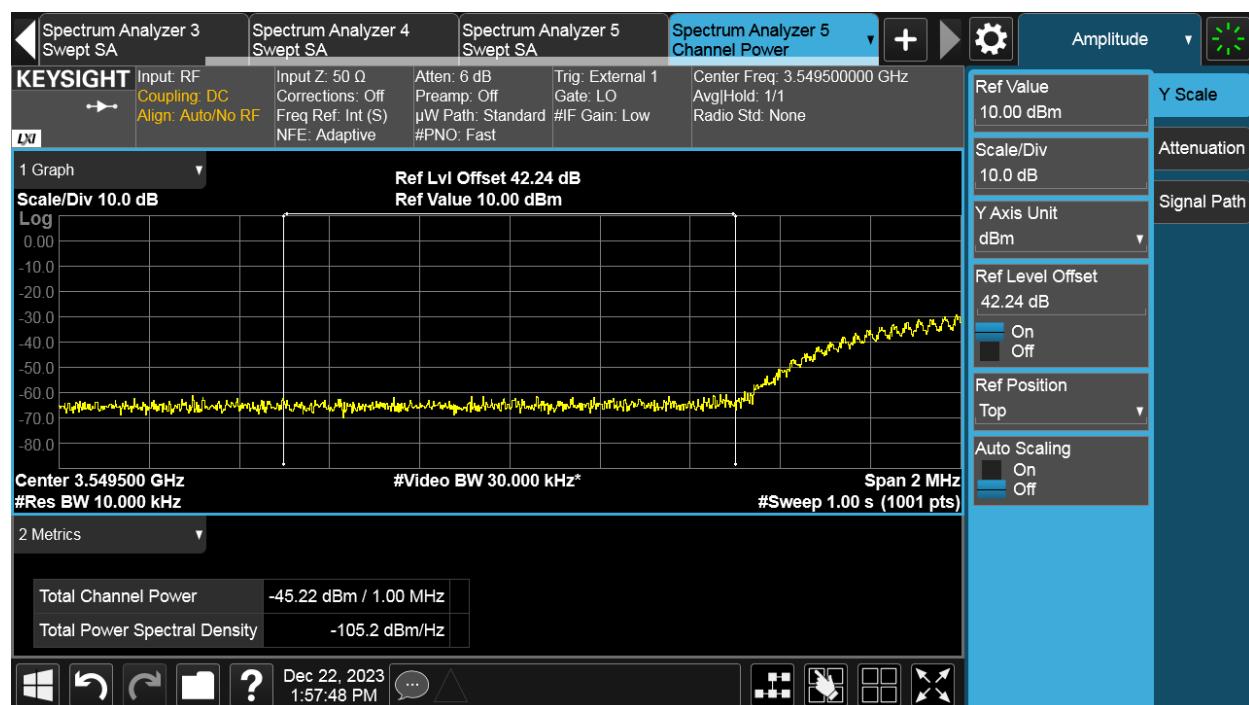
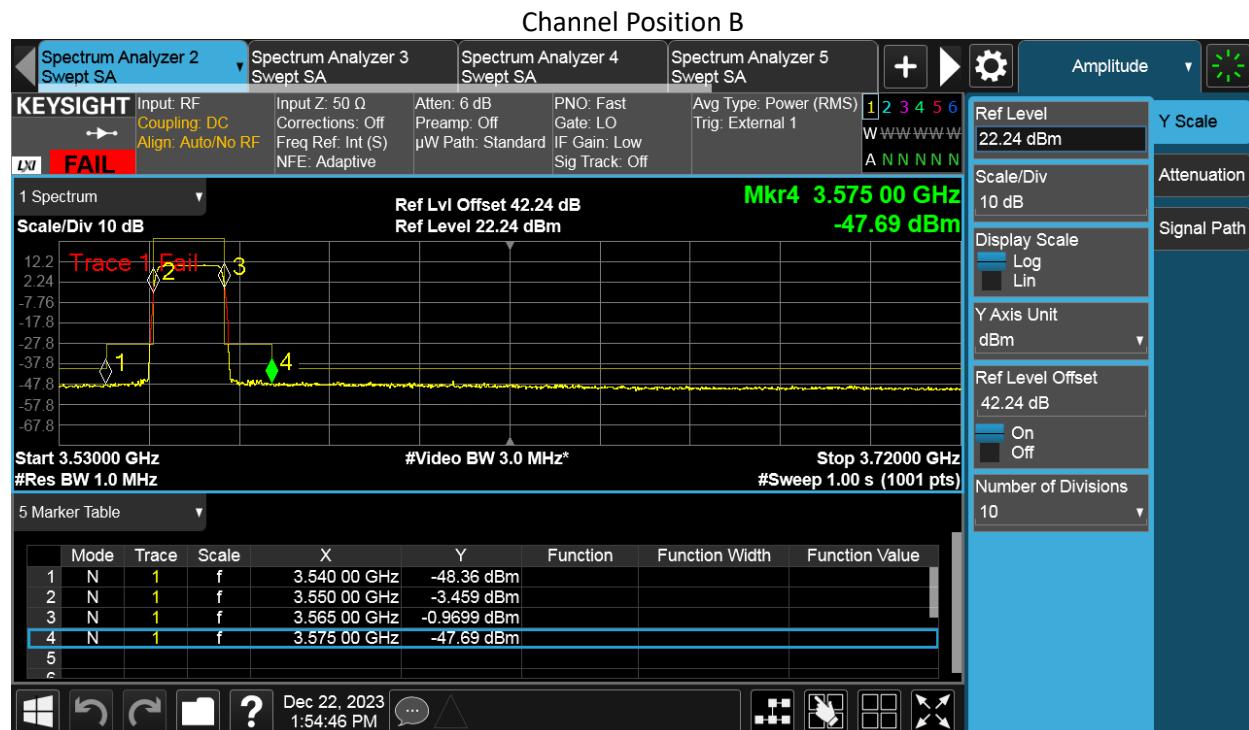
Spectrum analyzer detector was set as RMS.

TEST REPORT

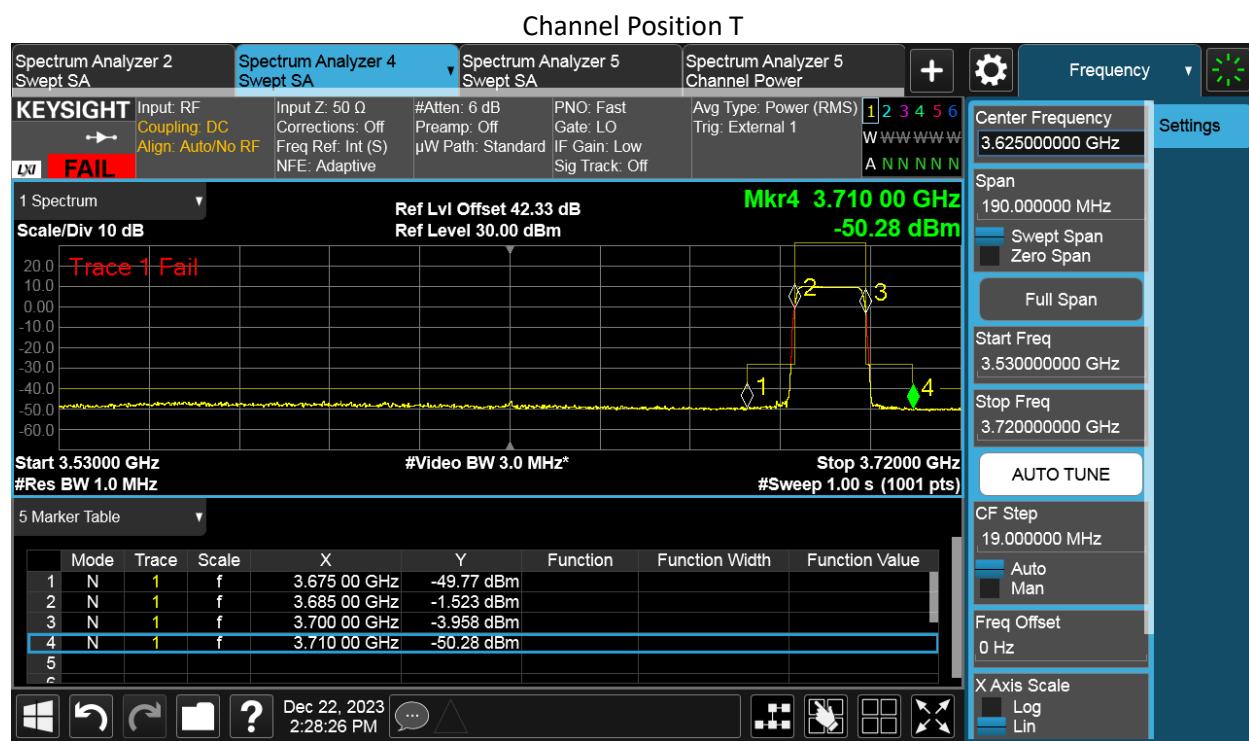
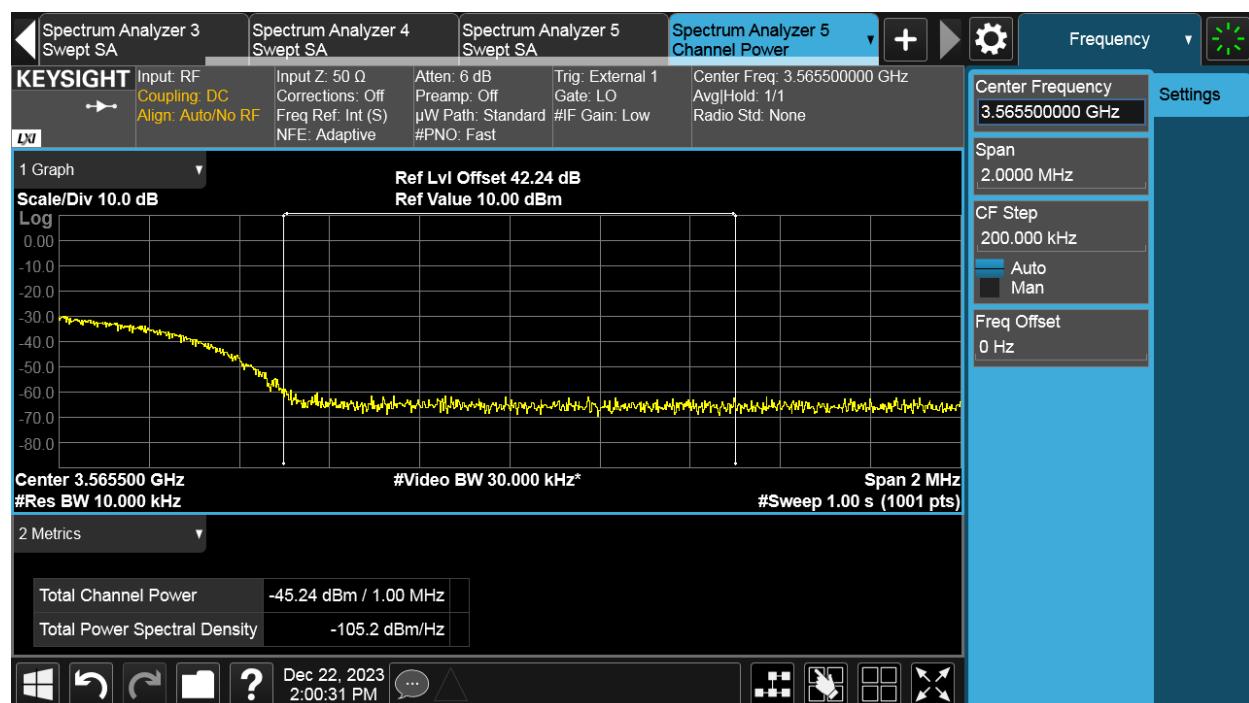
5.3 Measurement result

NR-1C-BE:

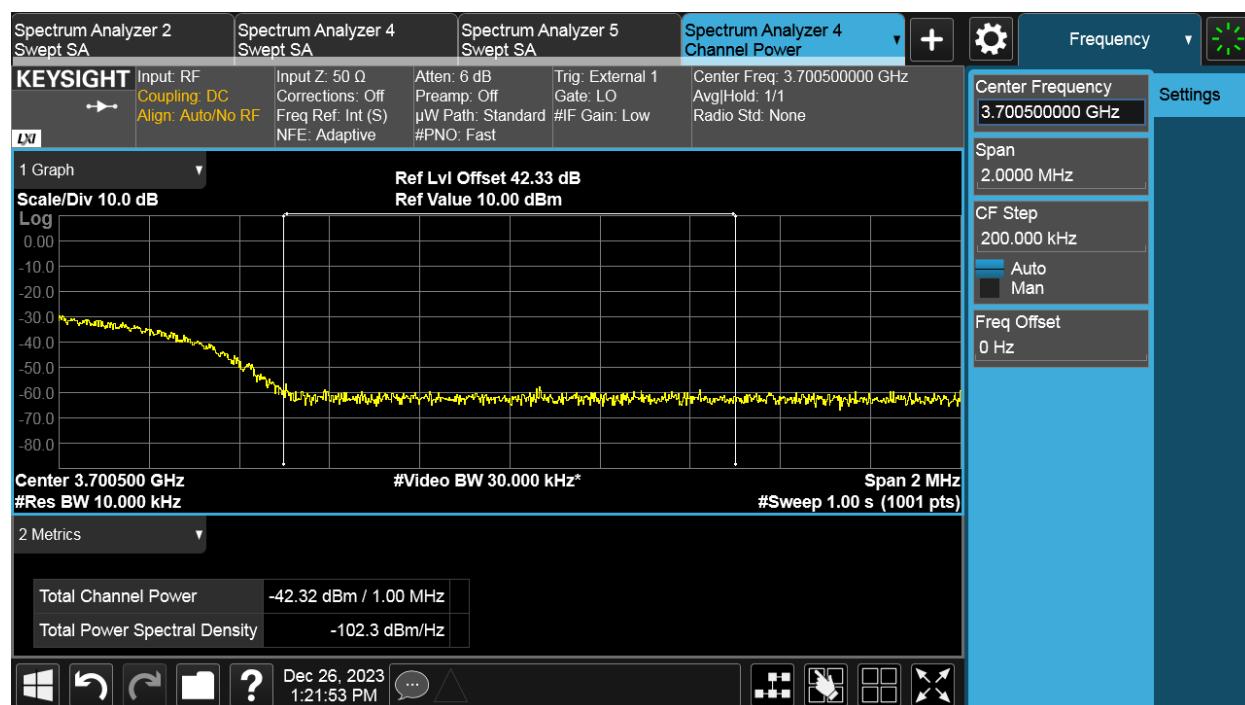
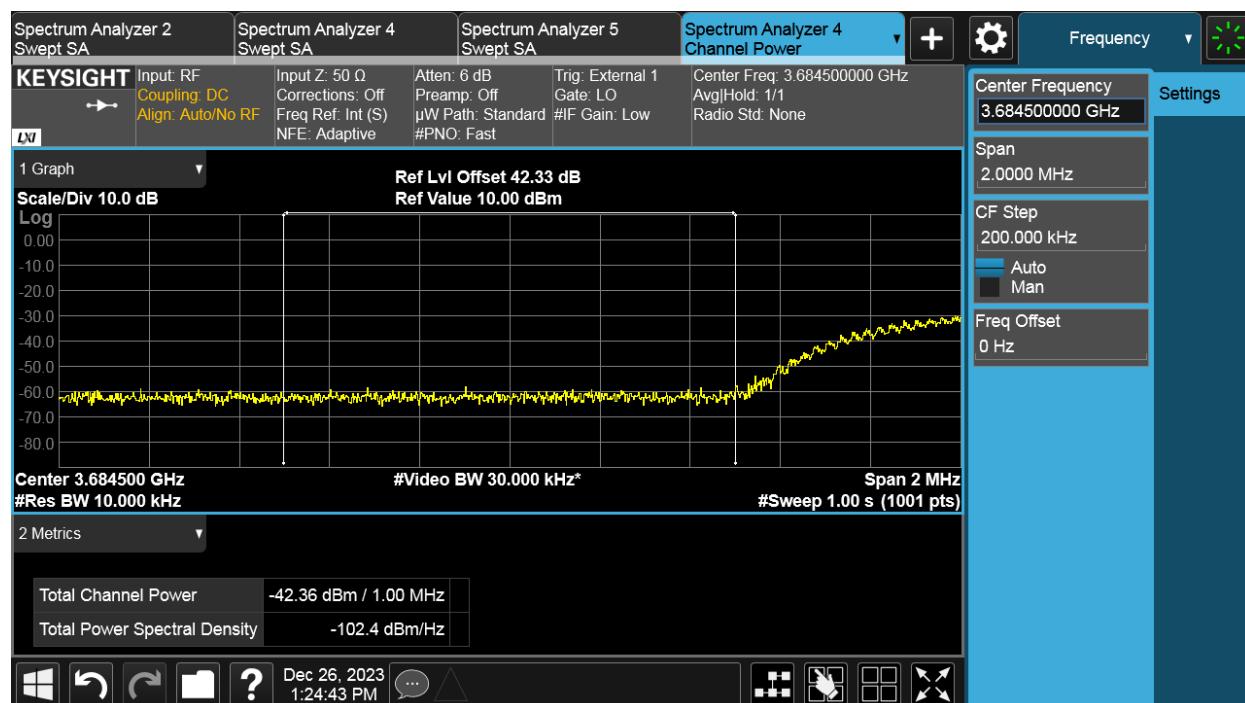
Antenna Port	Channel Position	Modulation	Channel Bandwidth (MHz)	RBW (kHz)	Limit (dBm)
24	B	256QAM	15	1000	-28.05/-40.05
24	T	256QAM	15	1000	-28.05/-40.05



TEST REPORT



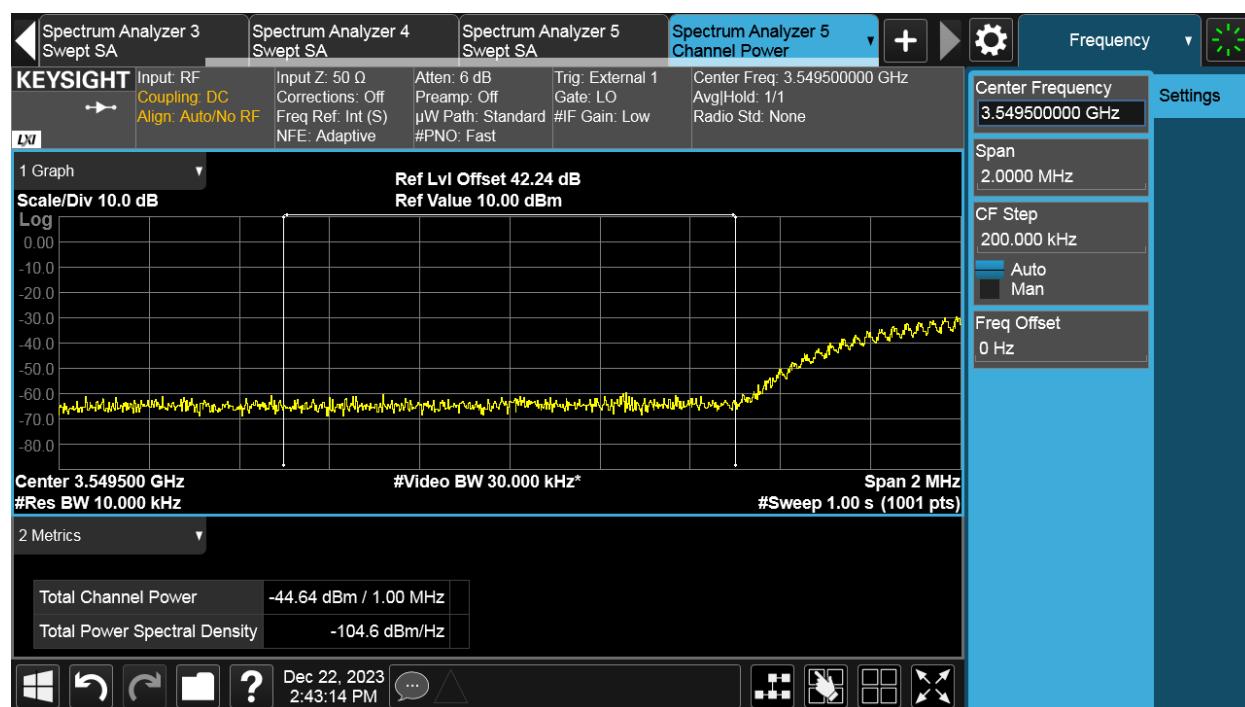
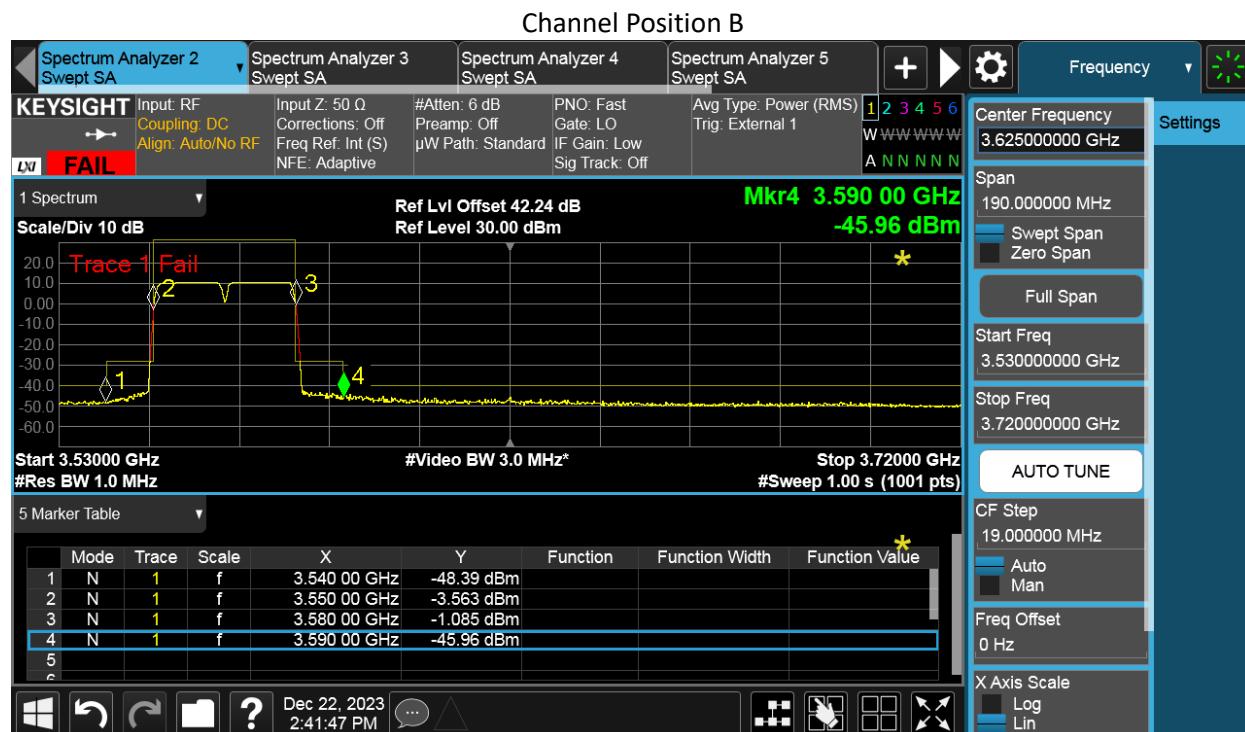
TEST REPORT



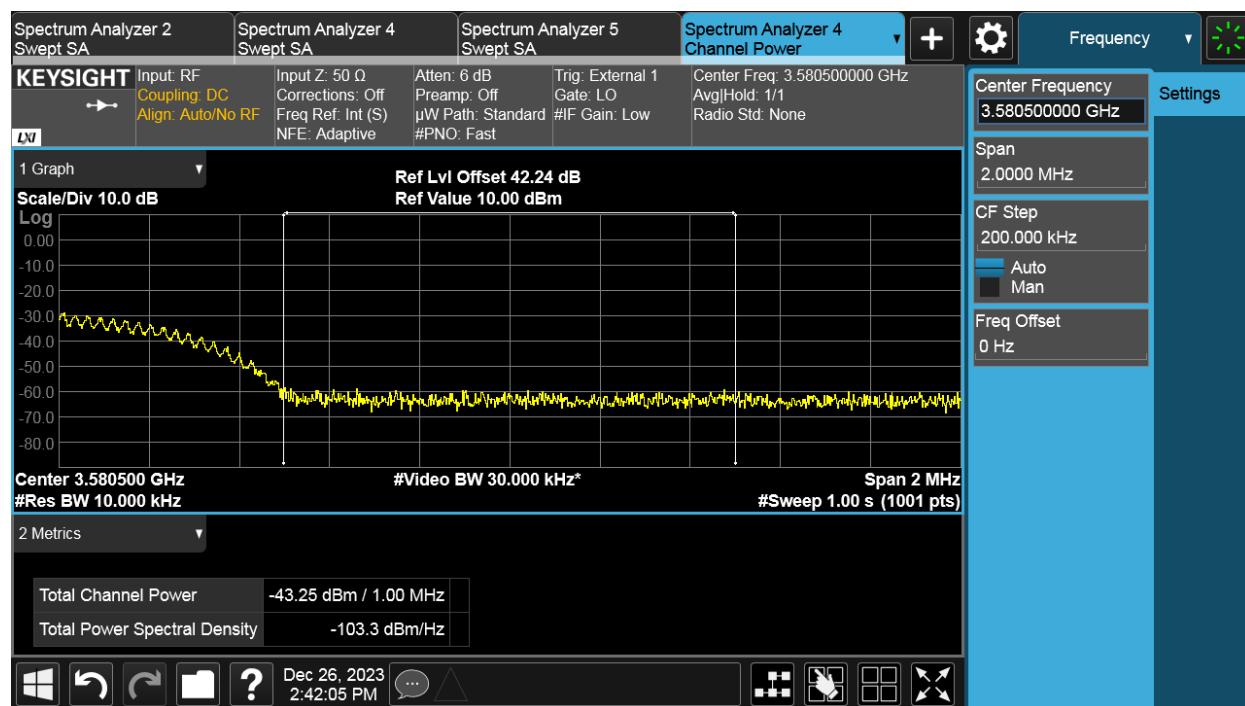
TEST REPORT

NR-2C-BE:

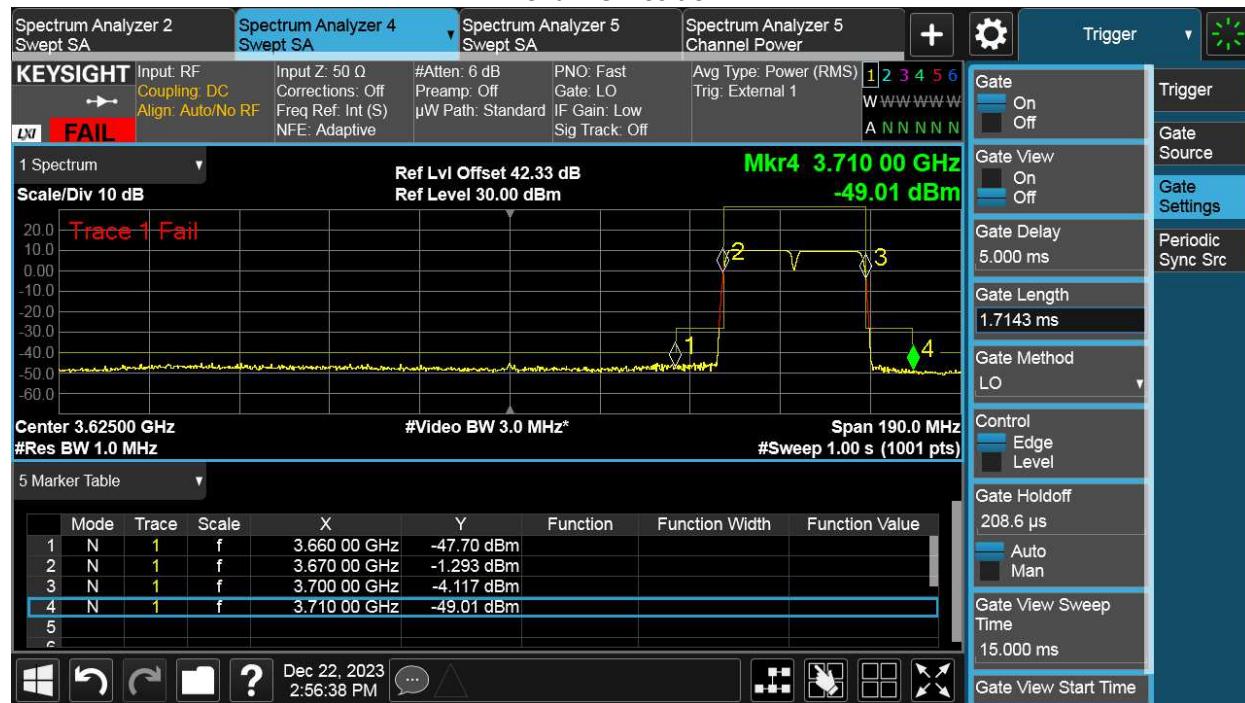
Antenna Port	Channel Position	Modulation	Channel Bandwidth (MHz)	RBW (kHz)	Limit (dBm)
24	B	256QAM	15	1000	-28.05/-40.05
24	T	256QAM	15	1000	-28.05/-40.05



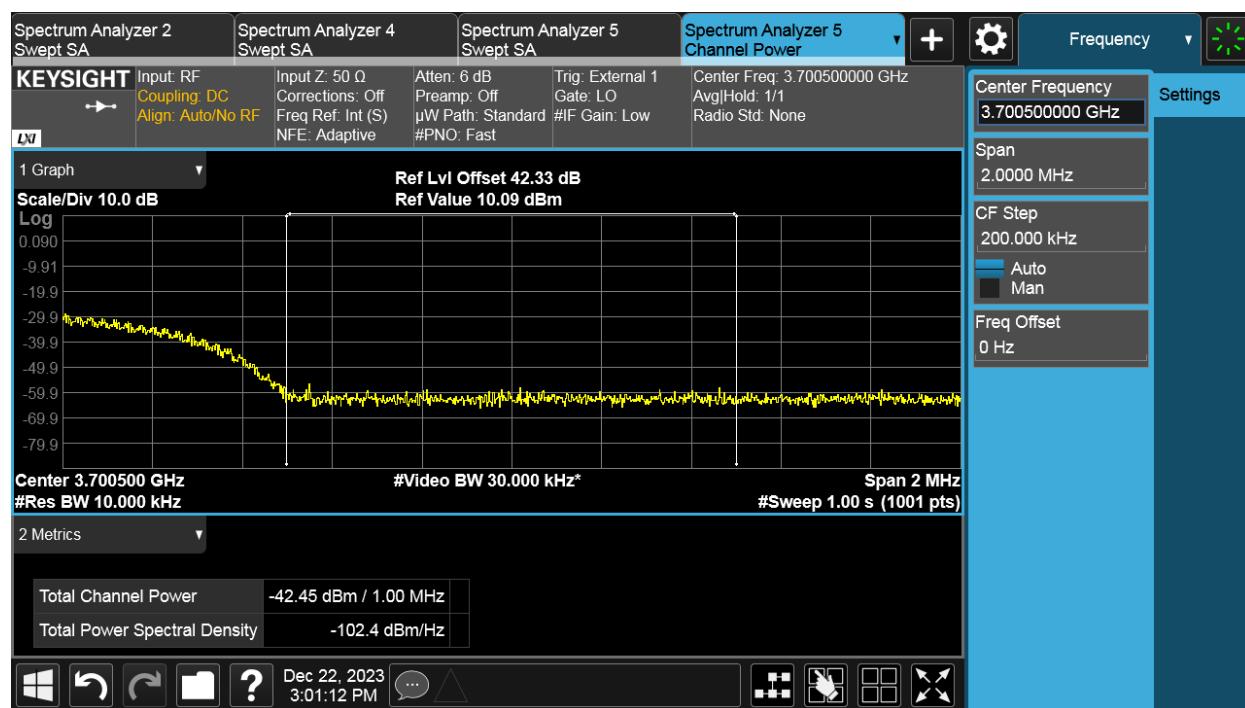
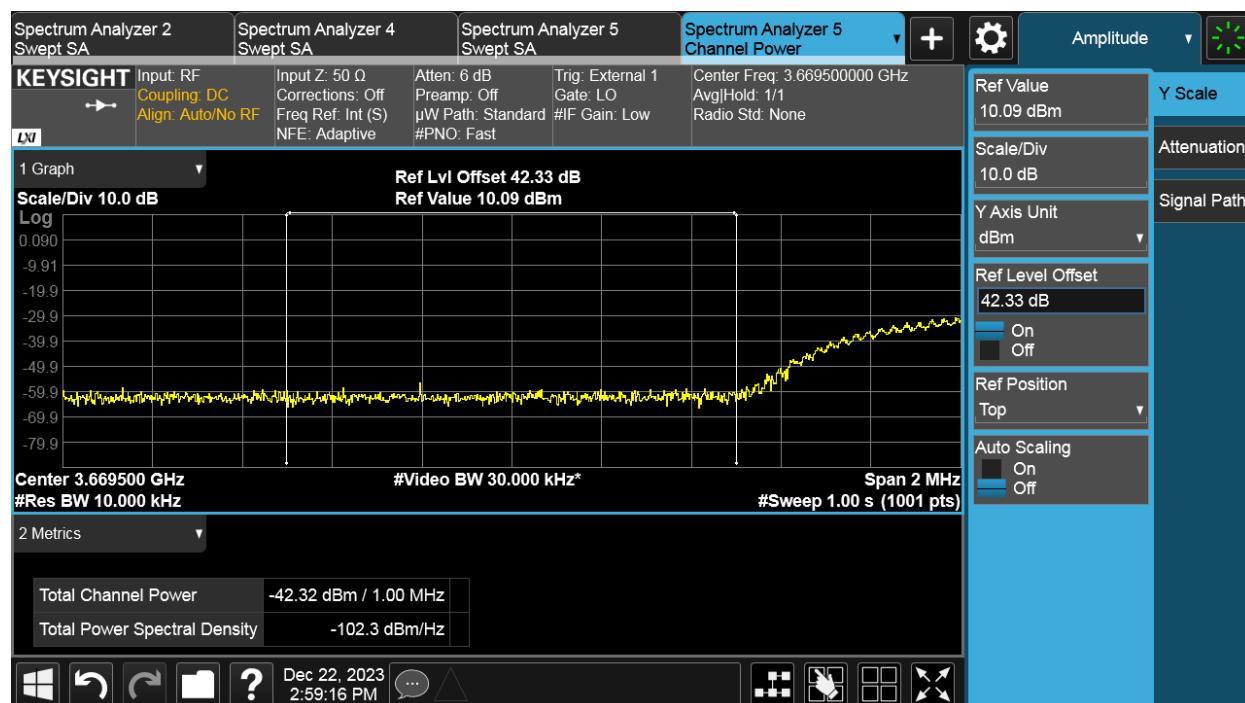
TEST REPORT



Channel Position T



TEST REPORT



TEST REPORT**6 Conducted Unwanted Emission**

Test result: Pass

6.1 Limit

The conducted power of any emissions below 3530 MHz or above 3720 MHz shall not exceed -40dBm/MHz.

6.2 Measurement Procedure

All measurements were made according with KDB 971168 D01.

For MIMO mode configurations, the limit was adjusted with a correction of -15.05dB [10Log(1/32)] by using the Measure and Add 10Log(N) dB technique according to KDB 662911 D01 Multiple Transmitter Output accounting for simultaneous transmission from antenna ports .

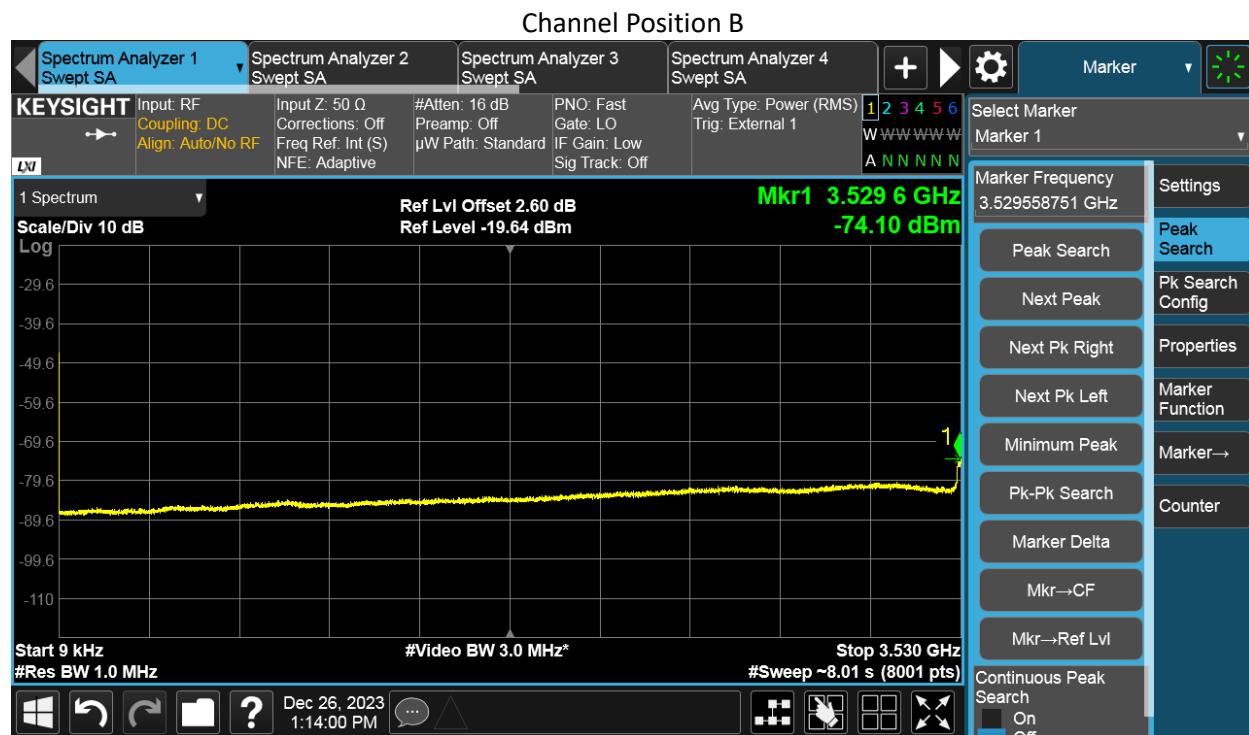
The detector of the Spectrum analyzer was set as RMS, the RBW was set as 1MHz, the VBW was set as 3MHz.

TEST REPORT

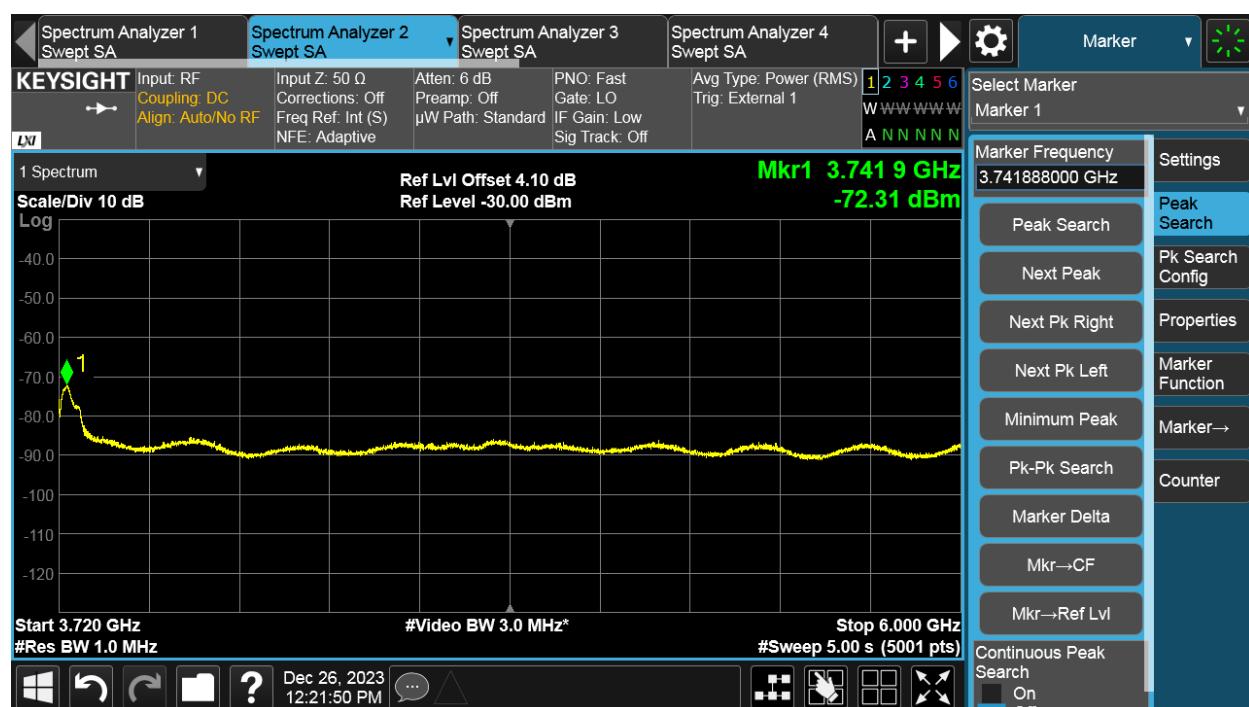
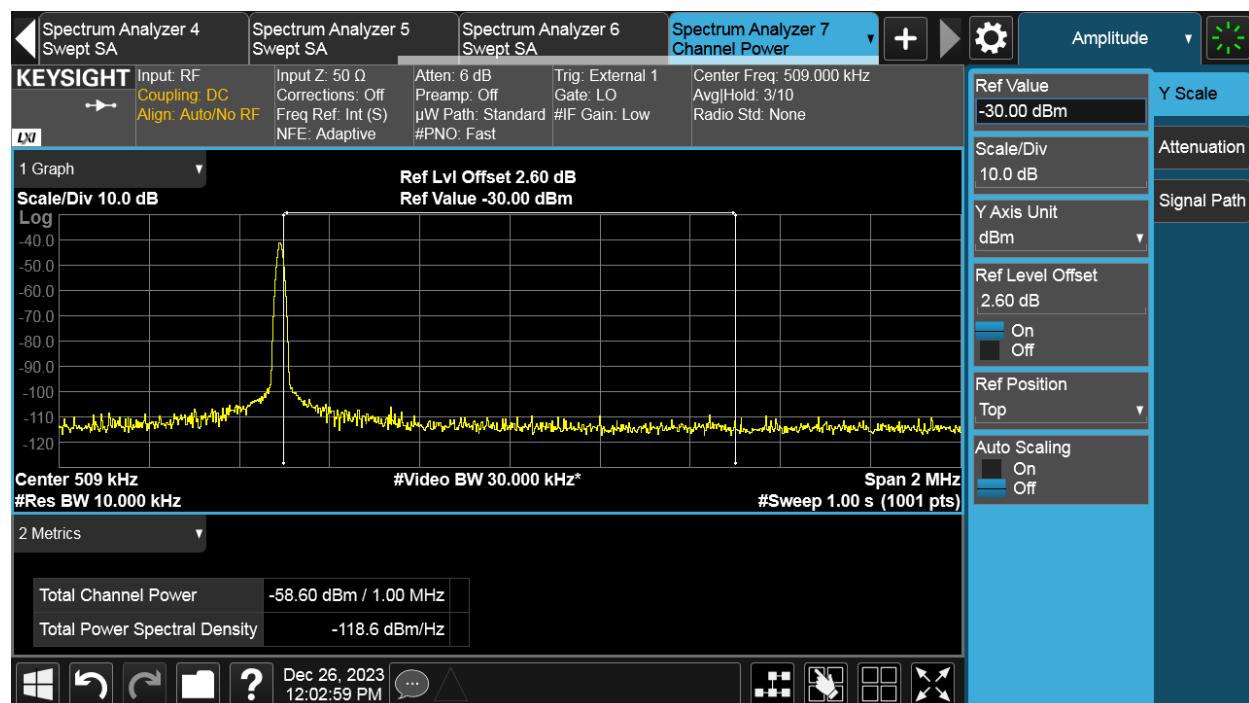
6.3 Measurement result

NR-1C-UE:

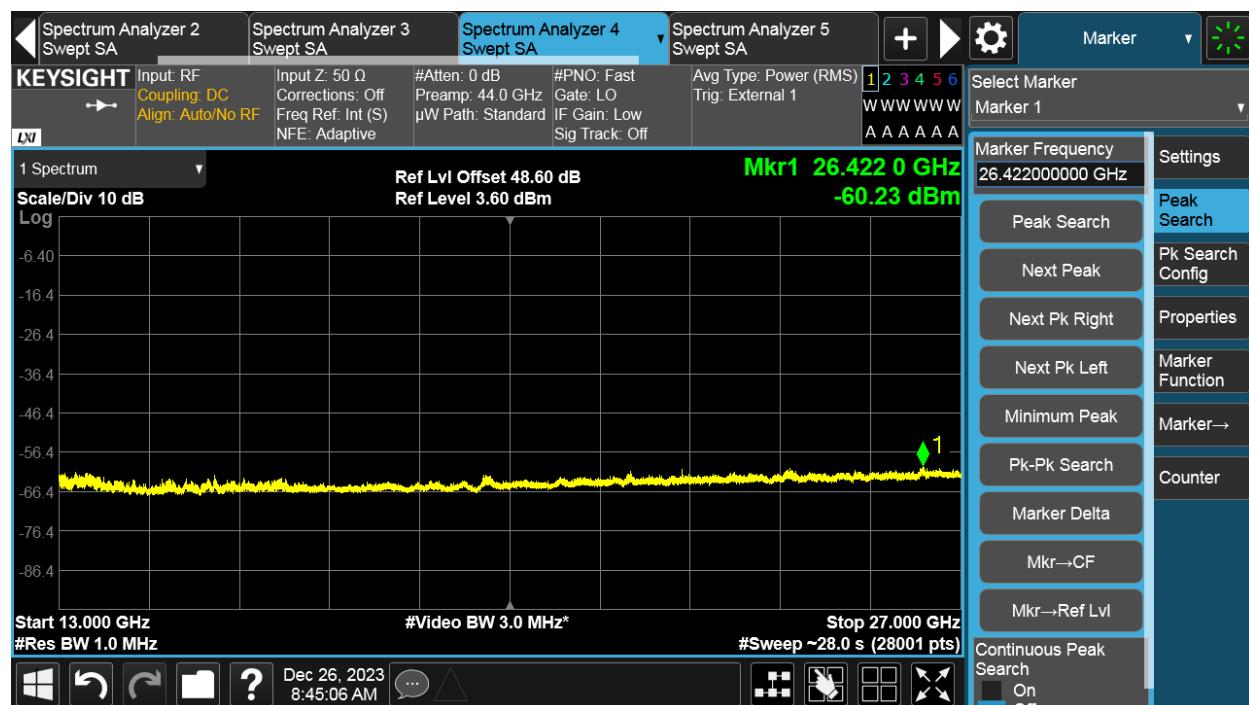
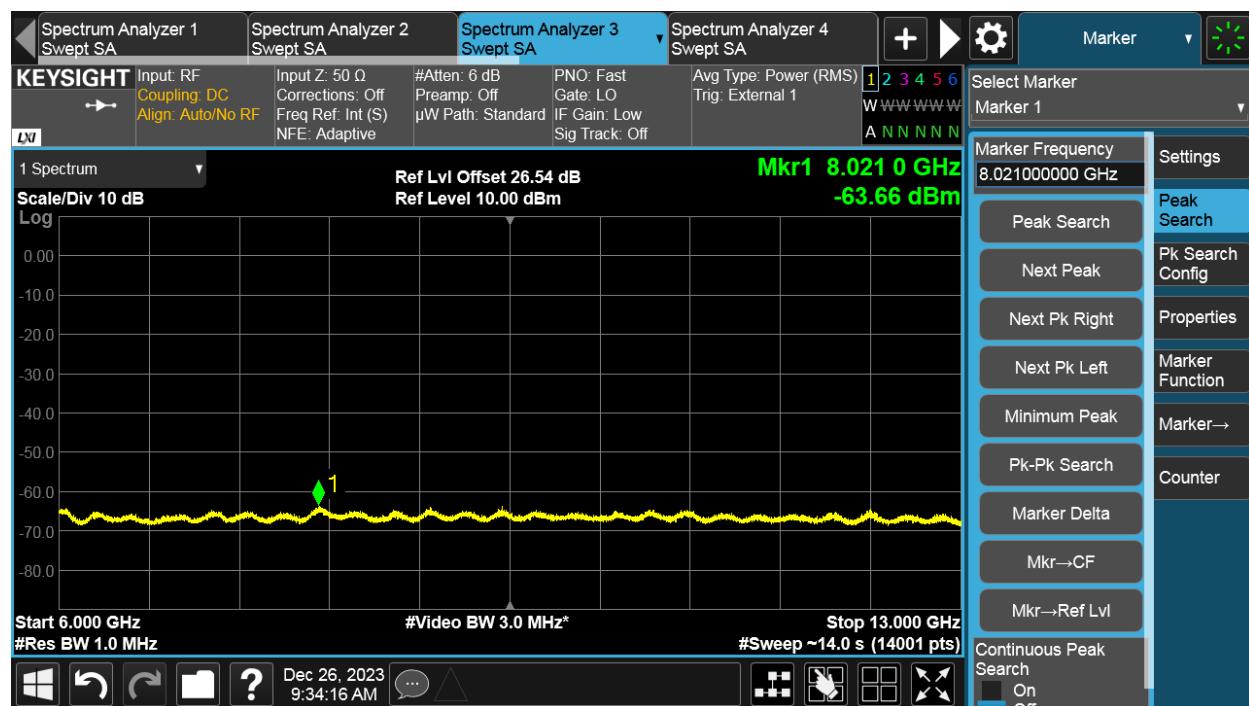
Antenna Port	Channel Position	Modulation	Channel Bandwidth (MHz)	RBW (kHz)	Limit (dBm)
24	B	256QAM	15	1000	-55.05
24	M	256QAM	15	1000	-55.05
24	T	256QAM	15	1000	-55.05



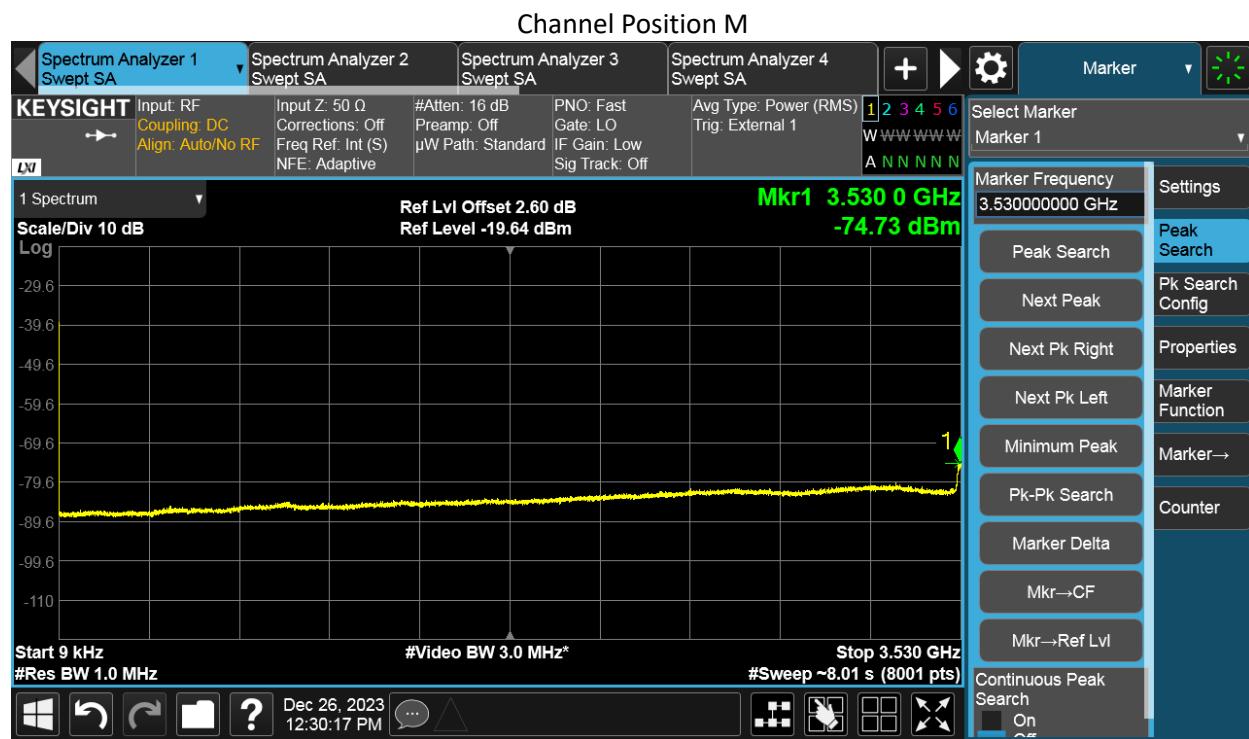
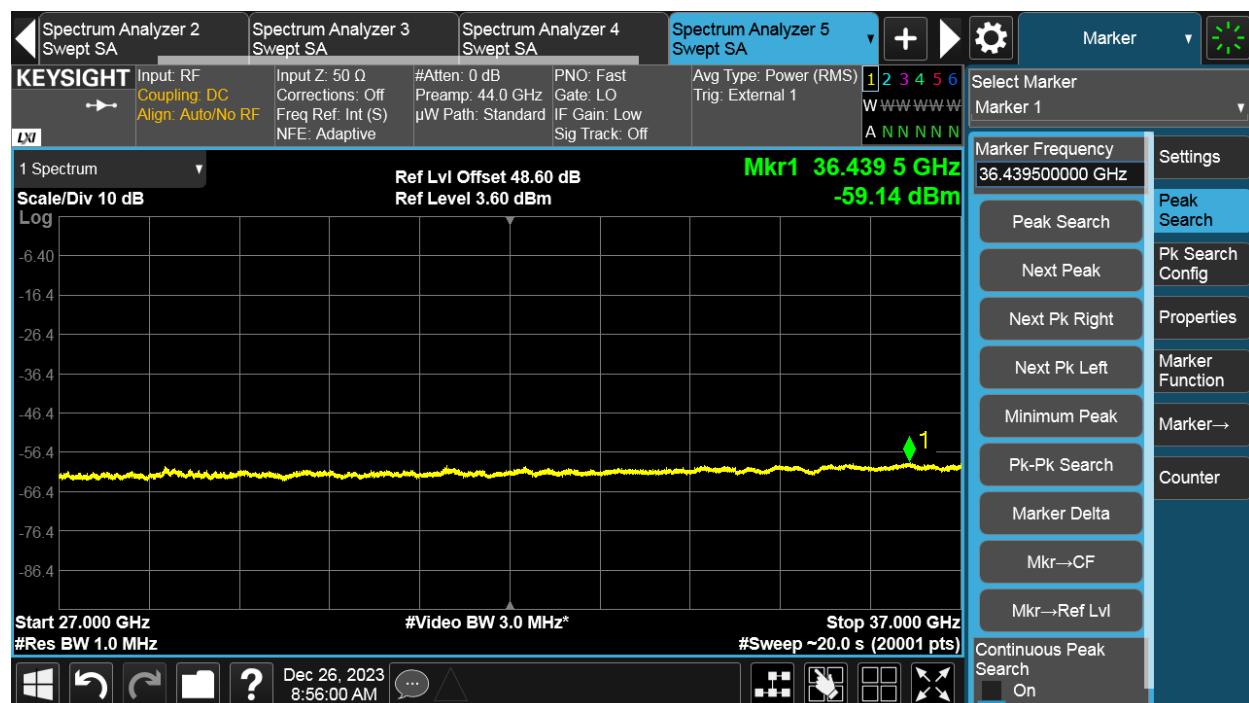
TEST REPORT



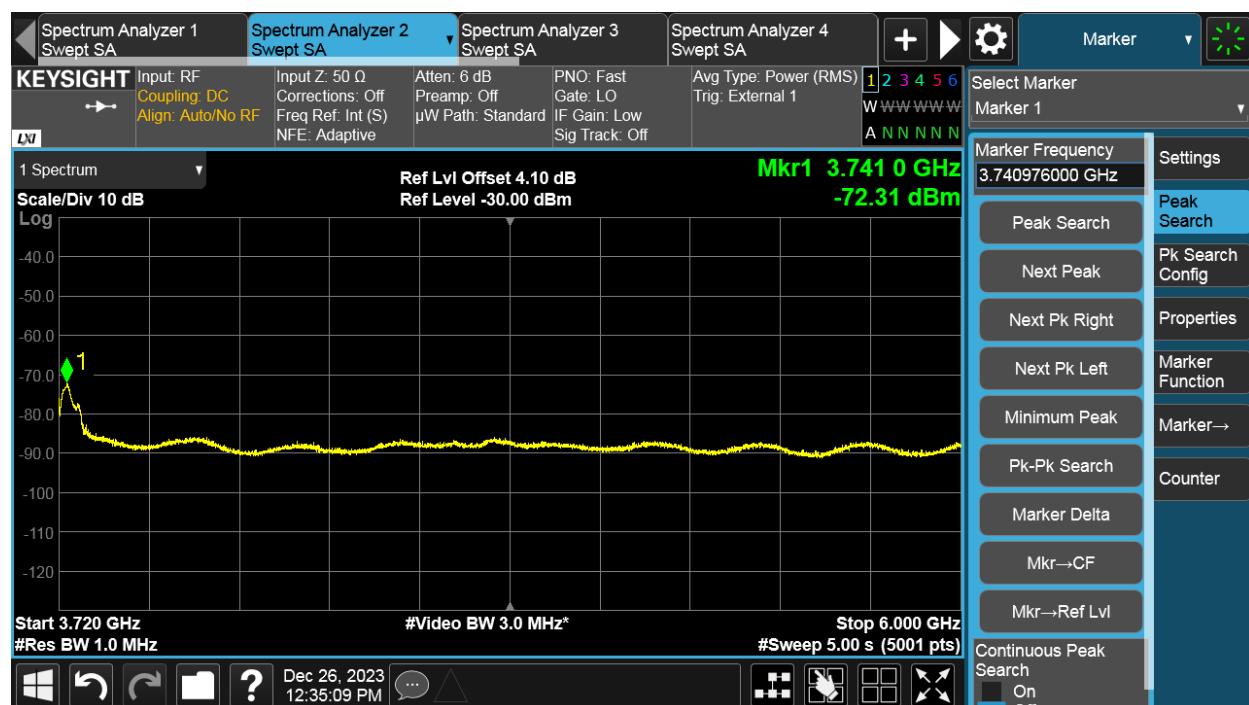
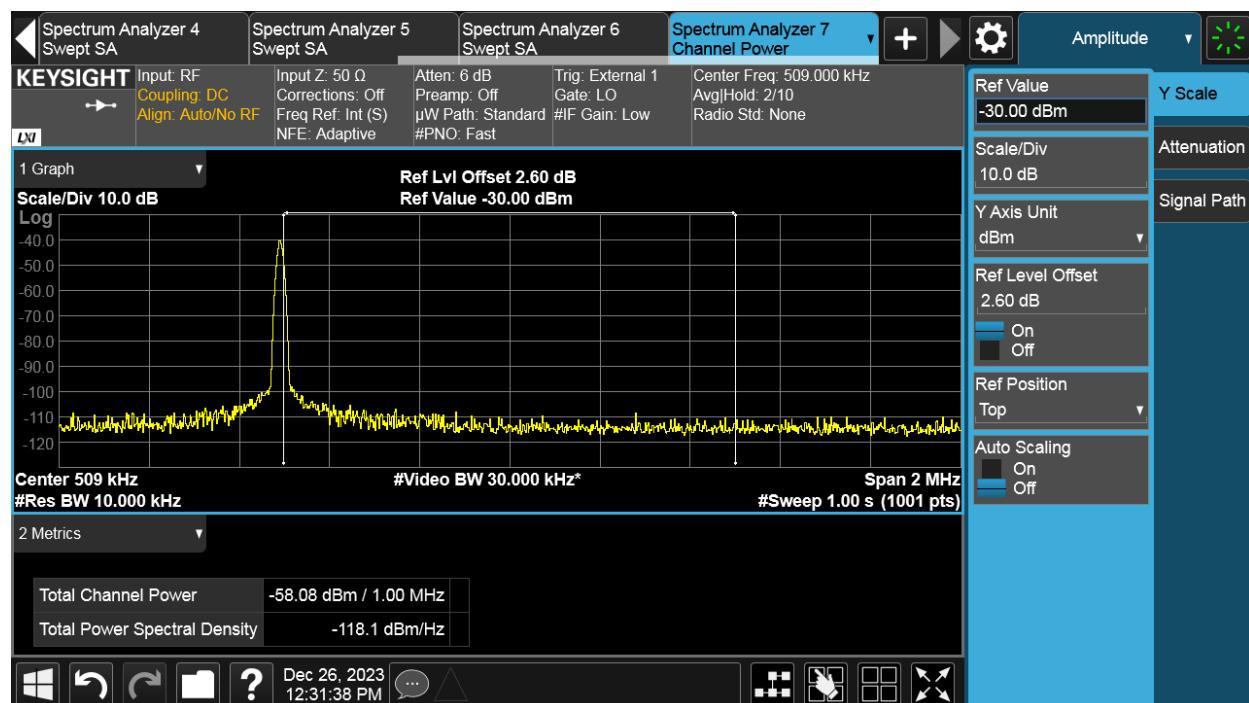
TEST REPORT



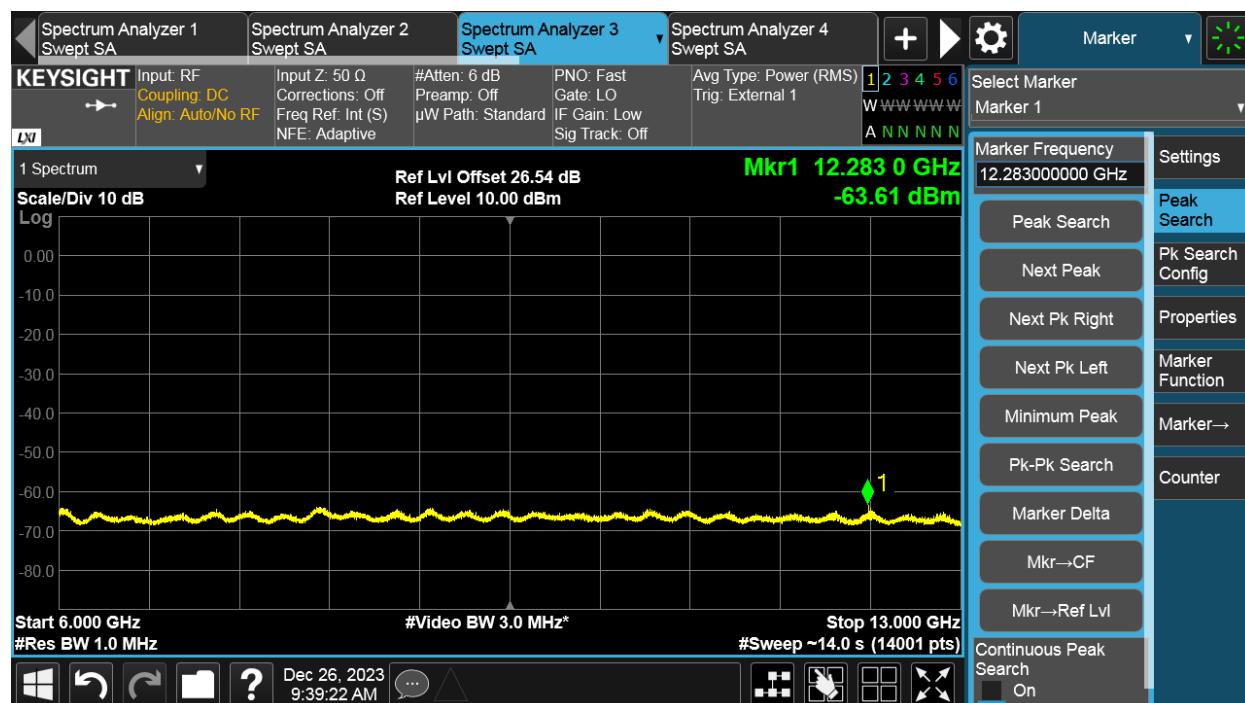
TEST REPORT



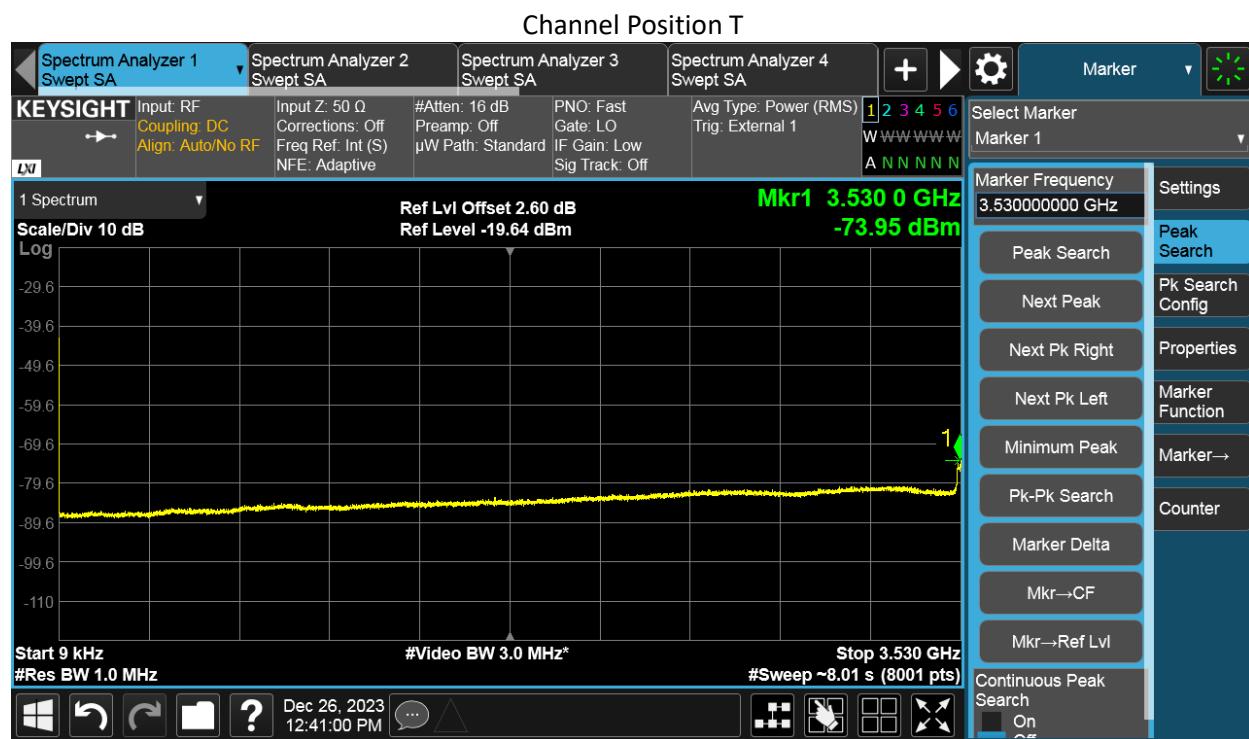
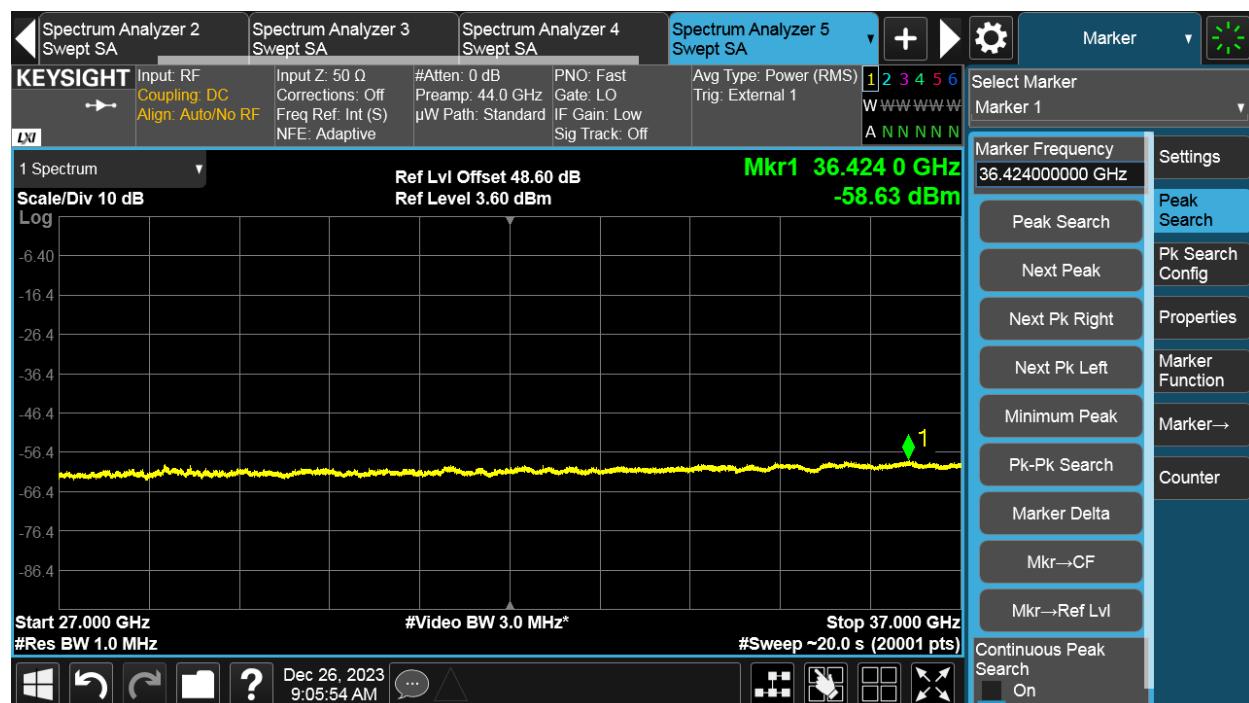
TEST REPORT



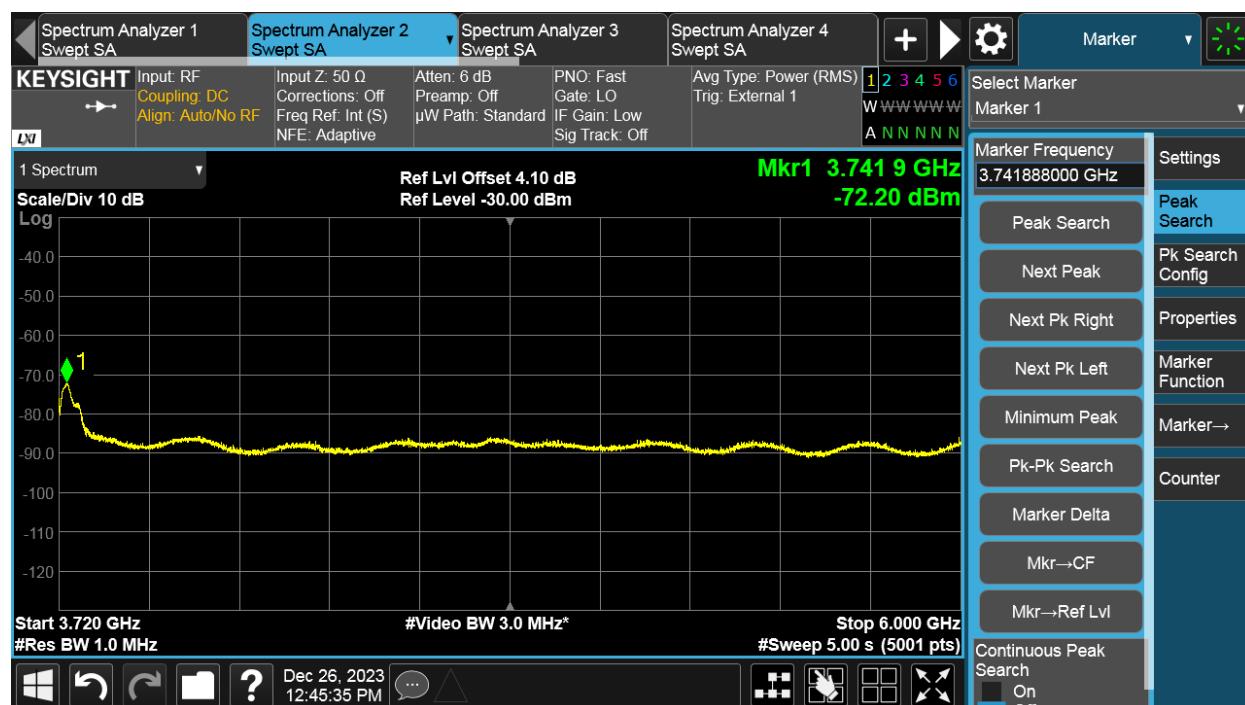
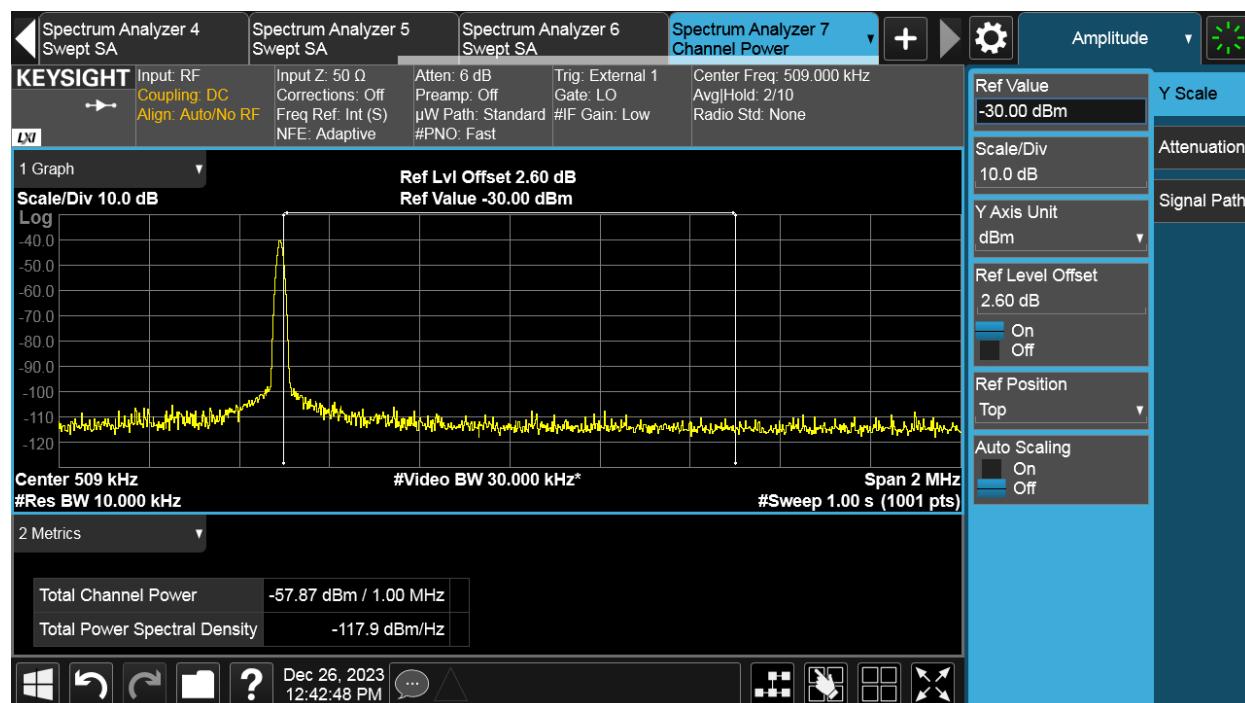
TEST REPORT



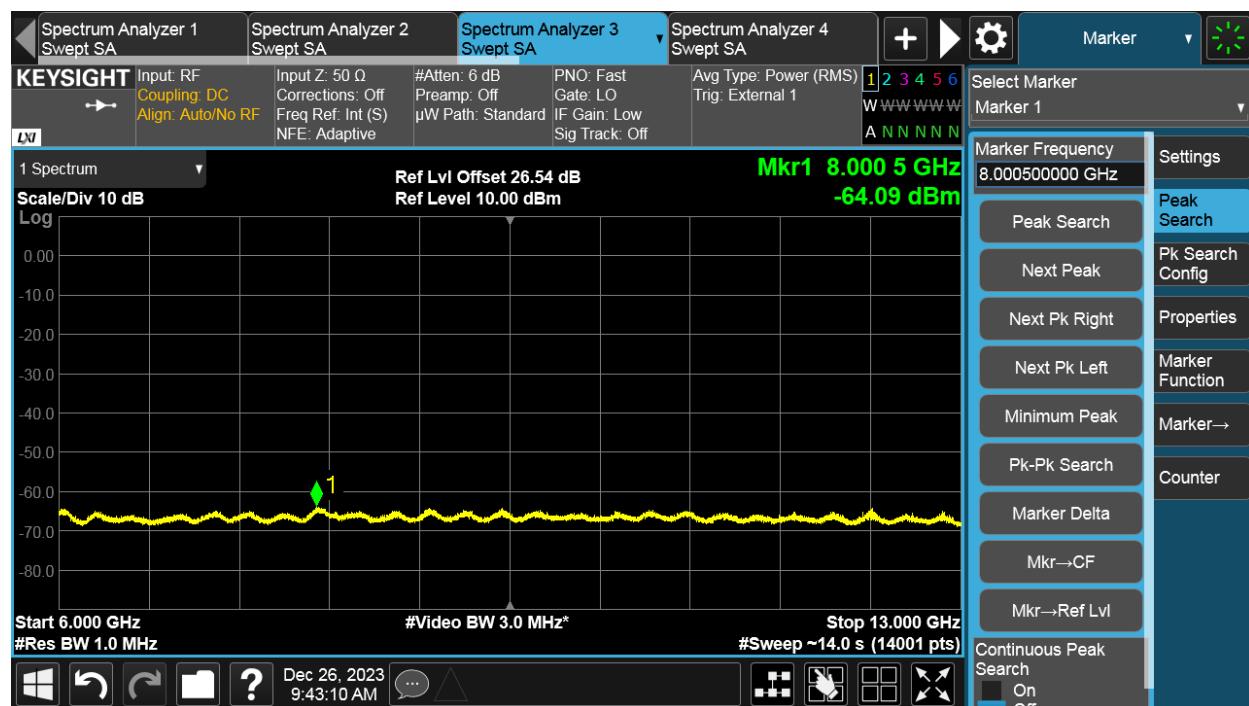
TEST REPORT



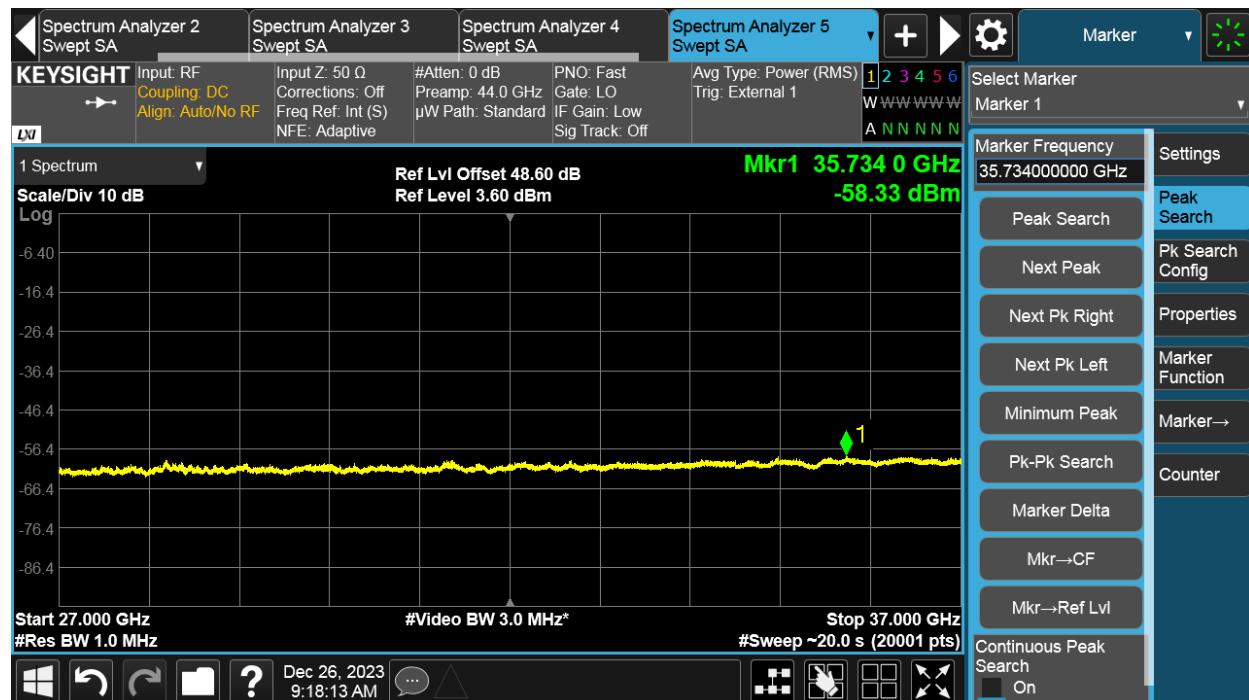
TEST REPORT



TEST REPORT

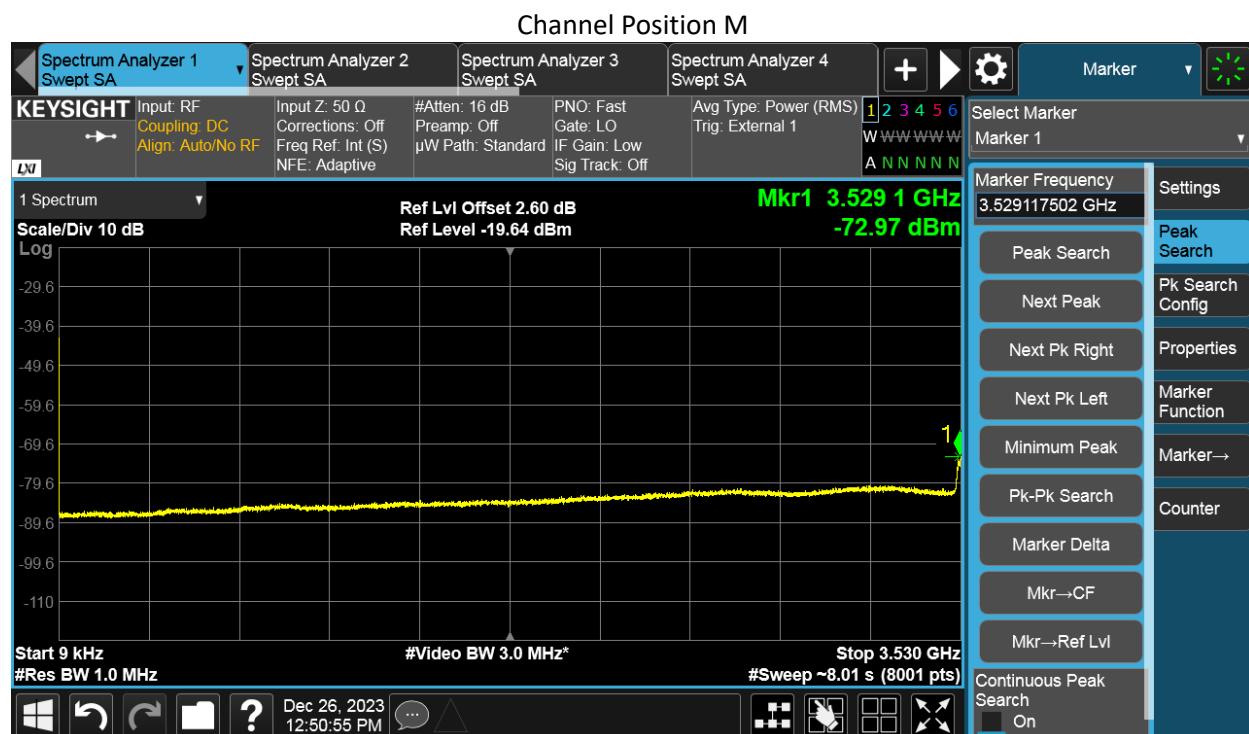


TEST REPORT

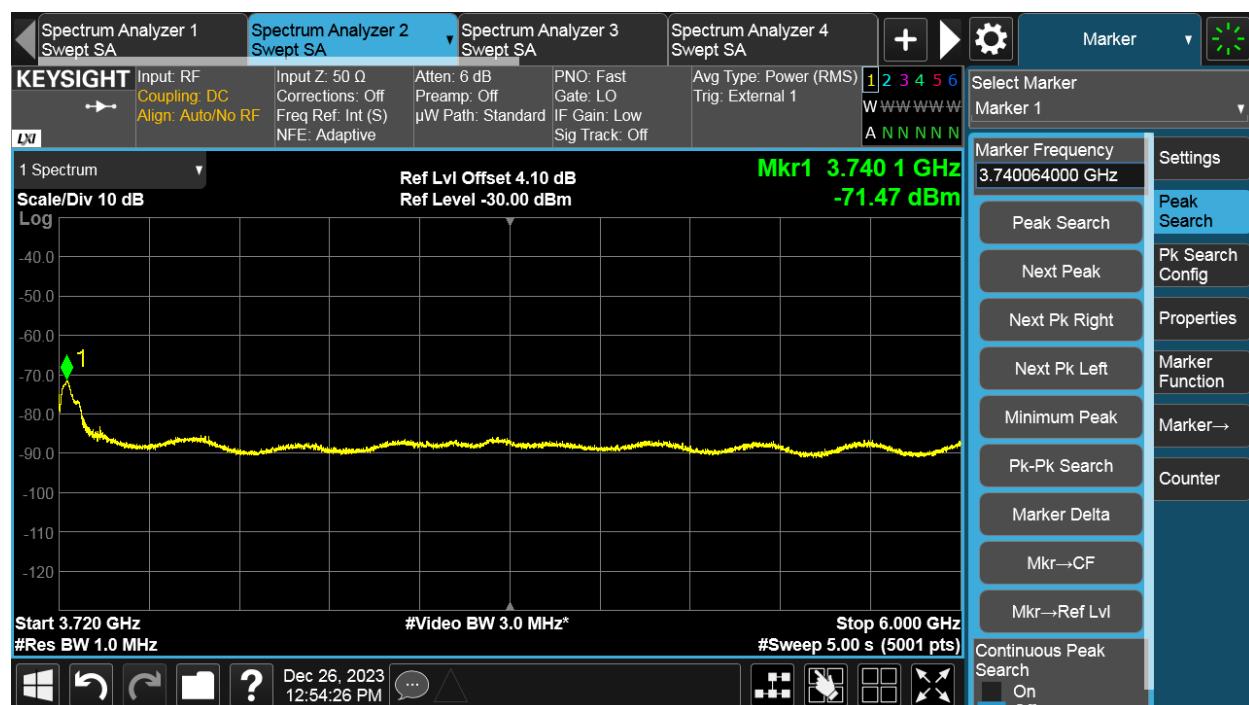
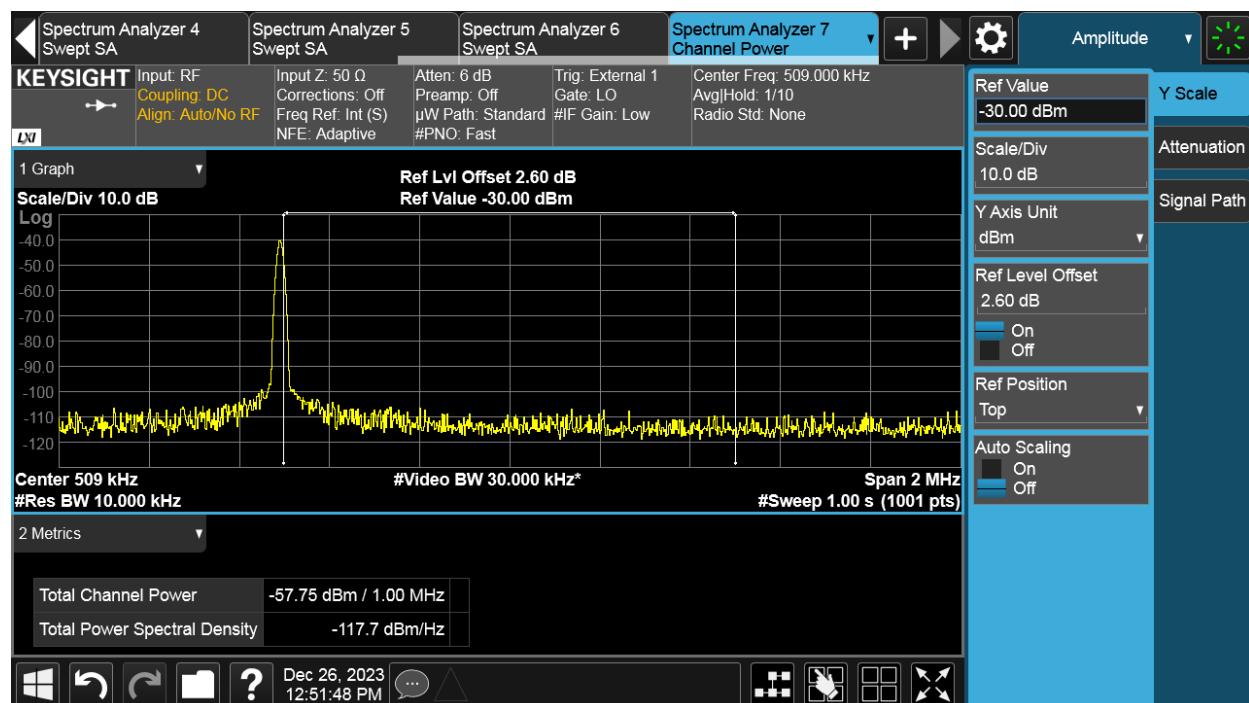


NR-2C-UE:

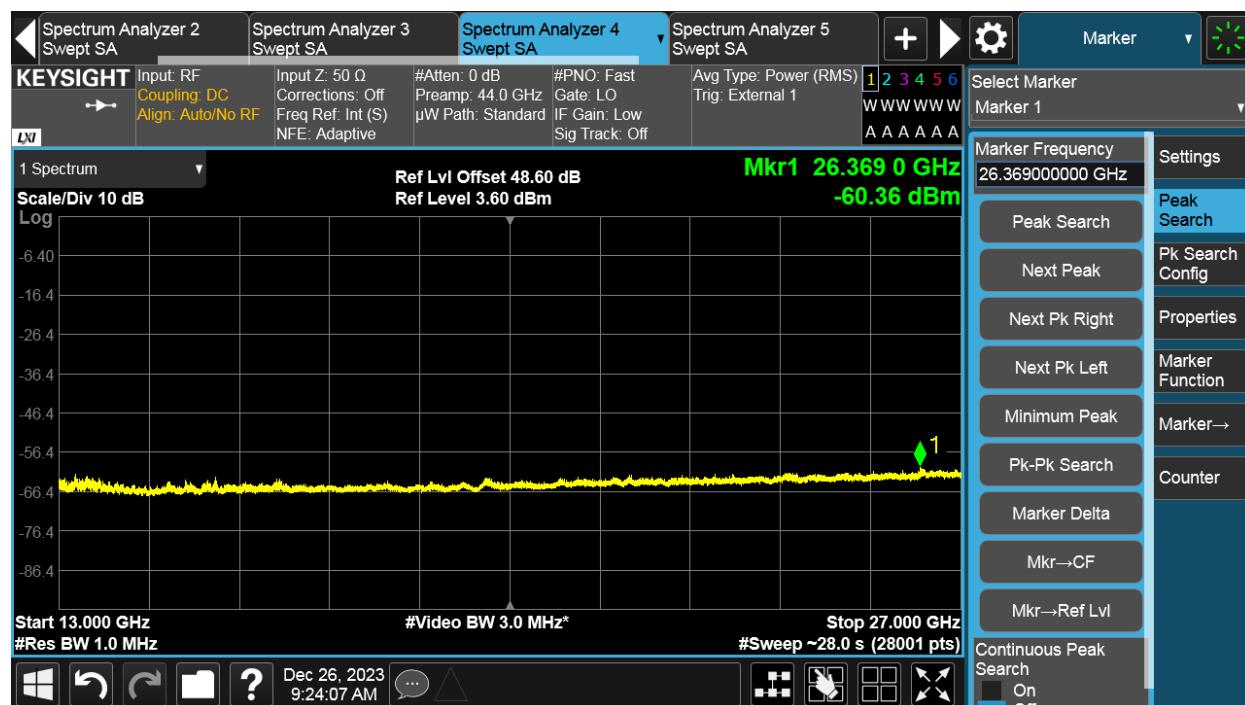
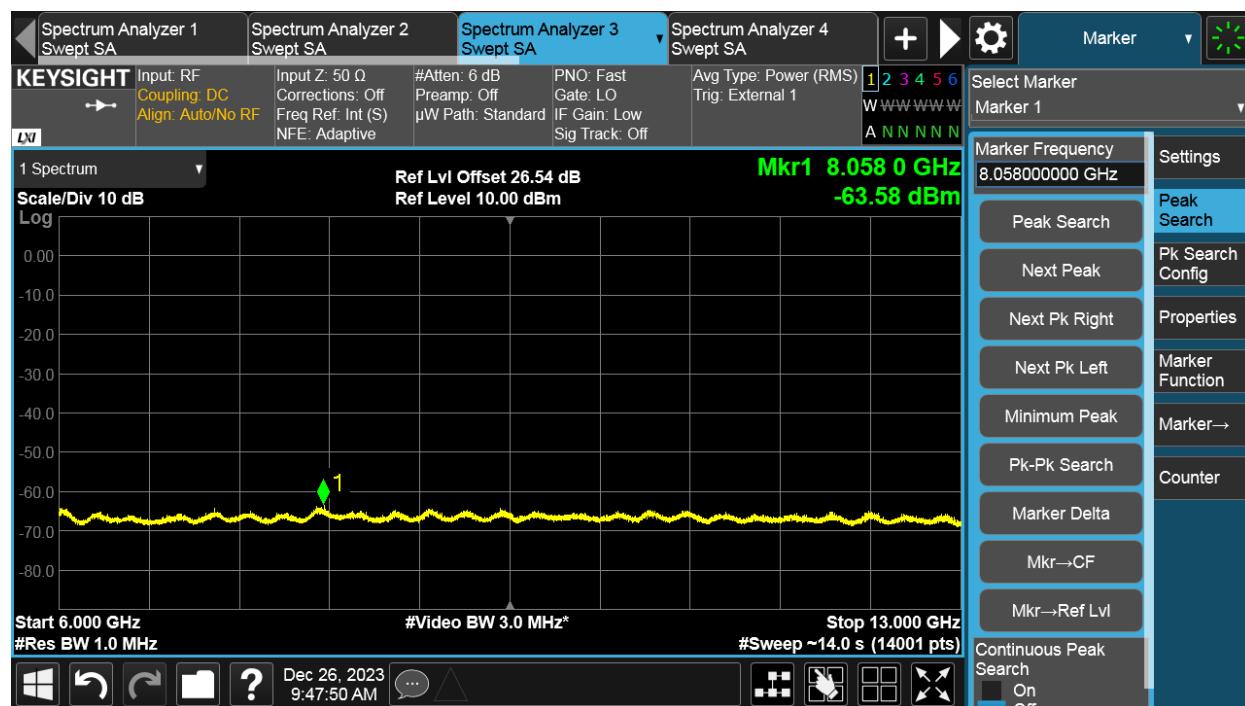
Antenna Port	Channel Position	Modulation	Channel Bandwidth (MHz)	RBW (kHz)	Limit (dBm)
24	M	256QAM	15	1000	-55.05



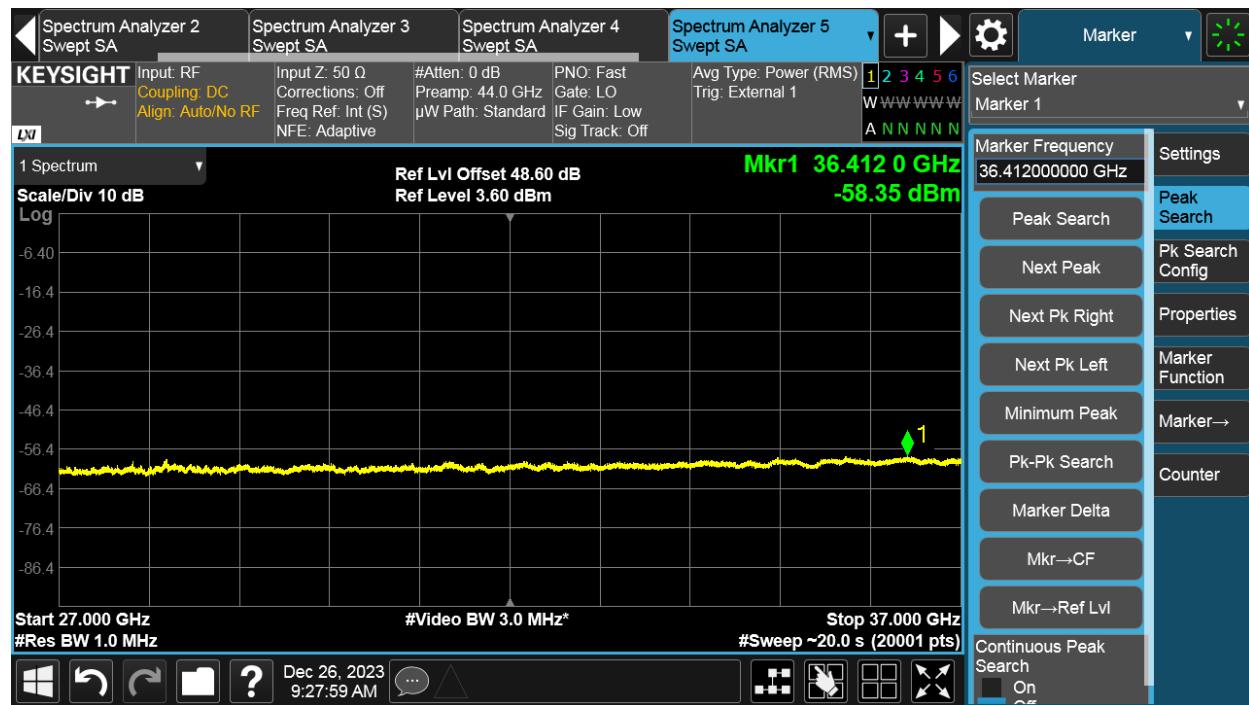
TEST REPORT



TEST REPORT



TEST REPORT



***** END *****