RF MEASUREMENT REPORT

FCC ID:	2AD8UAIOID5GSC05
Applicant:	Nokia Solutions and Networks Oy
Product:	Nokia AIO Smallcell Indoor 5G
Model No.:	Nokia AIOSC Indoor 5G CBAND
Brand Name:	Nokia
FCC Rule(s):	Part 2, 27 (O)
Result:	Complies
Received Date:	2026-02-27
Test Date:	2026-03-02 ~ 2026-03-12

Reviewed By: Jone Zhang

Approved By: Robin Wu



The test results relate only to the samples tested.
This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report. Testing was performed in accordance with the applicable measurement procedures. The test results reported herein apply only to the specific item(s) tested.
The test report shall not be reproduced except in full without the written approval of MRT Technology (Suzhou) Co., Ltd.

Revision History

Report No.	Version	Description	Issue Date	Note
R26S1025028-U301	V01	Initial Report	2026-04-22	Valid

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1. General Information

1.1. Applicant

Nokia Solutions and Networks Oy

3201 Olympus Blvd Dallas, TX 75019

1.2. Testing Facility

☒	**Test Site - MRT Suzhou Laboratory**	
	Laboratory Location (Suzhou - Wuzhong) D8 Building, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China **Laboratory Location (Suzhou - SIP)** 4b Building, Liando U Valley, No.200 Xingpu Rd., Shengpu Town, Suzhou Industrial Park, China **Laboratory Location (Suzhou - Wujiang)** Building 1, No.1 Xingdong Road, Wujiang, Suzhou, Jiangsu, People's Republic of China	
	Laboratory Accreditations	
	A2LA: 3628.01	CNAS: L10551
	FCC: CN1166	ISED: CN0001
☐	**Test Site - MRT Shenzhen Laboratory**	
	Laboratory Location (Shenzhen) 1G, Building A, Junxiangda Building, Zhongshanyuan Road West, Nanshan District, Shenzhen, China	
	Laboratory Accreditations	
	A2LA: 3628.02	
	FCC: CN1284	ISED: CN0105
☐	**Test Site - MRT Taiwan Laboratory**	
	Laboratory Location (Taiwan) No. 38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)	
	Laboratory Accreditations	
	TAF: 3261	
	FCC: 291082, TW3261	ISED: TW3261

1.3. Product Information

Product Name	Nokia AIO Smallcell Indoor 5G
Model No.	Nokia AIOSC Indoor 5G CBAND
FW Version	MP1.14 P7
Brand Name	Nokia
EUT Identification	Y-260228-R028-01 (Conducted) Y-260228-R028-02 (Radiated)
Wi-Fi Specification	802.11b/g/n
3GPP Specification	NR n77
GNSS Specification	GPS
Operating Temperature Range	-5 ~ +40 °C
Power Supply	By AC/DC Adapter or PoE Injector
Antenna Specification	Refer to Section 1.6
Accessory(ies)	
AC/DC Adapter	Model: NBS100A120600M2 Input: 100-240V ~ 50/60 Hz, 1.6 A Output: 12.0 V ⎓ 6.0 A, 72.0 W
PoE Injector	Model: ADH-90AR N Input: 100-240 V ~ 50/60 Hz, 2.0 A Output: 56.0 V1 ⎓ 0.805 A 56.0 V2 ⎓ 0.805 A 1.61 A (Max), 90.2 W
Remarks: 1. The information of the EUT (Equipment Under Test) was provided by the manufacturer. The accuracy, completeness, and validity of the information are solely the responsibility of the manufacturer. 2. AC/DC PSU is sold with Product and PoE Injector is not sold with Product. For this report, we select AC/DC PSU for testing.	

1.4. Radio Specification under Testing

Operating Band Specification	
Single Band	NR n77
T_X Frequency Range	3700 ~ 3980 MHz
R_X Frequency Range	3700 ~ 3980 MHz
Bandwidth	40/60/80/100 MHz
Target Power	250 mW per Tx path (4Tx paths)
Modulation	QPSK/64QAM/256QAM
Max EIRP Power	Internal Antenna: 40 MHz: 35.57 dBm; 60 MHz: 35.51 dBm; 80 MHz: 35.51 dBm; 100 MHz: 35.02 dBm;
	External Antenna: 40 MHz: 41.63 dBm; 60 MHz: 41.57 dBm; 80 MHz: 41.57 dBm; 100 MHz: 41.08 dBm;

1.5. Description of Available Antennas

Internal Antenna

Band Support	Ant No.	Antenna Type	Polarization	Directional Gain (dBi)
n77 (3700-3980)	Ant 1 ~ 2	Dipole	Horizontal	5.46
	Ant 3 ~ 4	PIFA	Vertical	

Remarks:

1. The device has 4 FR1 antennas, where Ant 1 & 2 are horizontal polarization and Ant 3 & 4 are vertical polarization. These two co-polarized antenna pairs are with orthogonal polarization to each other.
2. According to the regulation KDB 662911, the correlated gain for Ant 1 & 2 and Ant 3 & 4 can be calculated respectively. Then select the maximum value between them as directional gain.
3. The directional gain used to calculate the ERP (EIRP).

External Antenna

Band Support	Mode	Polarization	Antenna Type	Antenna Gain (dBi)	Directional Gain (dBi)
					4*4 MIMO
n77 (3700-3980)	CMAX-OMF7-43-UWI53	Linear Horizontal	Omni	5.5	11.52
	CMAX-OMF9-43-UWI53	Linear Horizontal	Omni	5.2	11.22
	CMAX-DMF4-43-WI53	±45°	Directional	7.7	10.71

Remarks:

1. The device has 4 FR1 antennas, the transmit signals are correlated.
2. According to the regulation KDB 662911, the correlated gain for Ant 1 & 2 & 3 & 4 can be calculated respectively. Then select the maximum value between them as directional gain.
   CMAX-OMF7-43-UWI53: Directional Gain (dBi) = Antenna Gain (dBi) + 10 × log (4) = 11.52 dBi
   CMAX-OMF9-43-UWI53: Directional Gain (dBi) = Antenna Gain (dBi) + 10 × log (4) = 11.22 dBi
   CMAX-DMF4-43-WI53: Directional Gain (dBi) = Antenna Gain (dBi) + 10 × log (2) = 10.71 dBi
3. The product is an indoor Small Cell, with built-in antenna as the primary usage scenario.

1.6. Test Methodology

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

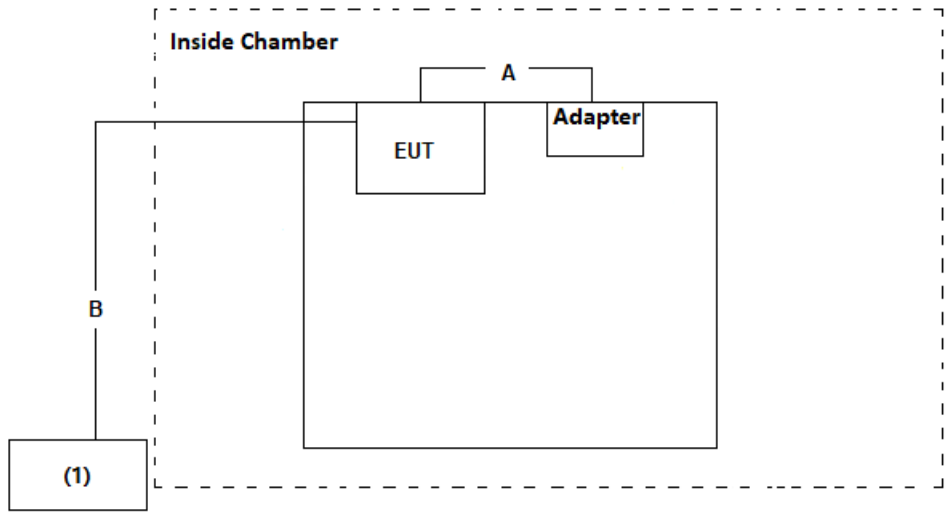
- ANSI C63.26-2015
- FCC CFR 47 Part 2, Part 27
- FCC KDB 971168 D01 v03r01: Power Meas License Digital Systems
- FCC KDB 971168 D02 v02r02: Misc Rev Approv License Devices
- FCC KDB 412172 D01 v01r01: Determining ERP and EIRP
- FCC KDB 662911 D01 v02r01: Multiple Transmitter Output

2. Test Configuration

2.1. Test Mode

Test Item	Channel Bandwidth	Modulation
Occupied bandwidth	40/60/80/100 MHz	QPSK, 64QAM, 256QAM
Transmitter output power		QPSK, 64QAM, 256QAM
Peak to Average Ratio		QPSK, 64QAM, 256QAM
Transmitter unwanted emissions		64QAM
Frequency Stability	40 MHz	64QAM
Transmitter Spurious Emissions		64QAM

2.2. Test System Connection Diagram



No.	Cable Type	Cable Spec.	Length
A	Power cable	Non-Shielding	1.5 m
B	LAN cable	Non-Shielding	> 10.0 m
No.	Product	Manufacturer	Model No.
1	Personal Computer	HP	TPN-C141

2.3. Test Environment Condition

Ambient Temperature	15 ~ 35 °C
Relative Humidity	20 ~ 75%RH

3. Measuring Instrument

Instrument Name	Manufacturer	Model No.	Asset No.	Cali. Interval	Cal. Due Date	Test Site
Shielding Room	TDK	WJ-SR10	MRTSUE07132	N/A	N/A	WJ-SR10
Thermohygrometer	testo	608-H1	MRTSUE11404	1 year	2026-11-30	WJ-SR10
Signal Analyzer	Keysight	N9020B	MRTSUE06583	1 year	2026-12-04	WJ-SR10
USB Power Sensor	Keysight	U2021XA	MRTSUE07142	1 year	2026-03-24	WJ-SR10
Fixed Attenuator	MVE	MVE2213	MRTSUE07315	1 year	2026-06-24	WJ-SR10
RF cable	UCWAVE	UCE500-SMSM-1M	MRTSUE07462	1 year	2027-01-13	WJ-SR10
High and low temperature-humidity test chamber	GWS	EL-01JA	MRTSUE07114	1 year	2026-05-17	WJ-TR1
Thermohygrometer	testo	608-H1	MRTSUE11403	1 year	2026-11-30	WJ-TR1
Digital Multimeter	Fluke	17B	MRTSUE11351	1 year	2026-06-08	WJ-TR1
Thermohygrometer	testo	608-H1	MRTSUE11333	1 year	2026-06-16	WJ-AC1
Anechoic Chamber	TDK	WJ-AC1	MRTSUE07115	1 year	2026-05-16	WJ-AC1
Loop Antenna	Schwarzbeck	FMZB 1519 -60D	MRTSUE07076	1 year	2026-11-18	WJ-AC1
EMI Test Receiver	R&S	ESR3	MRTSUE07111	1 year	2026-03-24	WJ-AC1
TRILOG Broad Band Antenna	Schwarzbeck	VULB 9163	MRTSUE07099	1 year	2026-04-22	WJ-AC1
EMI Test Receiver	R&S	ESR3	MRTSUE07111	1 year	2026-03-24	WJ-AC1
Double-Ridged Waveguide Horn Antenna	ETS·LINDGEN	3117	MRTSUE06257	1 year	2026-08-13	WJ-AC1
Microwave Broadband Preamplifier	Schwarzbeck	BBV 9718 D	MRTSUE07084	1 year	2026-12-21	WJ-AC1
Signal Analyzer	Keysight	N9020B	MRTSUE07037	1 year	2026-08-31	WJ-AC1
Horn Antenna	Schwarzbeck	BBHA 9170	MRTSUE06599	1 year	2026-08-18	WJ-AC2
Pre-Amplifier	EMCI	EMC184045SE	MRTSUE07103	1 year	2026-04-09	WJ-AC2
EXA Signal Analyzer	Keysight	N9010B	MRTSUE07148	1 year	2026-04-26	WJ-AC2

Software	Version	Function
CONTROLLER CO3000	v 1.03.02	RE Antenna & Turntable
ELEKTRA	5.20.1	RE/CE/RSE
Agilent Power Panel	V 3.9	Power

4. Decision Rules and Measurement Uncertainty

4.1. Decision Rules

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

4.2. Measurement Uncertainty

Where relevant, the following test uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Radiated Spurious Emissions
Measurement Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)): Coaxial: 9 kHz ~ 30 MHz: 2.56 dB Coplanar: 9 kHz ~ 30 MHz: 2.55 dB Horizontal: 30 MHz ~ 200 MHz: 3.48 dB 200 MHz ~ 1 GHz: 4.17 dB 1 GHz ~ 40 GHz: 5.01 dB Vertical: 30 MHz ~ 200 MHz: 4.09 dB 200 MHz ~ 1 GHz: 5.30 dB 1 GHz ~ 40 GHz: 4.85 dB
Conducted Spurious Emissions
Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)): 1.47 dB
Output Power
Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)): 0.66 dB
Occupied Bandwidth
Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)): 0.85 kHz
Frequency Stability
Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y)): 8.04 Hz

5. Test Result

5.1. Summary

FCC Section(s)	Test Description	Test Condition	Verdict
2.1049	Occupied Bandwidth	Conducted	Pass
2.1055; 27.54	Frequency Stability		Pass
2.1046; 27.50(j)(2)	Transmitter Output Power		Pass
2.1046; 27.50(j)(4)	Peak-to-Average Power Ratio		Pass
2.1051; 27.53(l)(1)	Transmitter Unwanted Emissions		Pass
2.1053; 27.53(l)(1)	Transmitter Spurious Emissions	Radiated	Pass

Notes:

1) The analyzer plots shown in this section were captured using a correction table to account for cable and attenuator losses in the system connecting the EUT to the analyzer across relevant frequencies.
2) All supported modulation types were evaluated. The worst-case emission from modulation types was selected. Therefore, the worst-case results for Frequency Stability, Transmitter Unwanted Emissions, Emission Masks, and Transmitter Spurious Emissions were presented in the test report.
3) For the radiated emission tests, each axis (X, Y, Z) was also verified. The test results shown in the following sections represent the worst-case emissions.

5.2. Occupied Bandwidth Measurement

5.2.1. Test Limit

2.1049

The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission shall be measured.

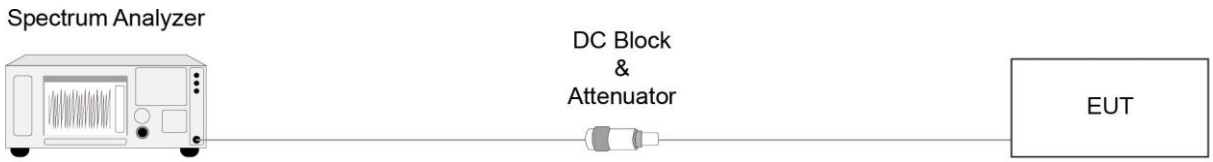
5.2.2. Test Procedure

ANSI C63.26-2015 - Section 5.4.4

5.2.3. Test Setting

1. Set center frequency to the nominal EUT channel center frequency
2. RBW = The nominal RBW shall be in the range of 1% to 5% of the anticipated OBW
3. VBW ≥ 3 × RBW
4. Detector = Peak
5. Trace mode = max hold
6. Sweep = auto couple
7. Allow the trace to stabilize
8. Use the 99% power bandwidth function of the instrument and report the measured bandwidth.

5.2.4. Test Setup



5.2.5. Test Result

Refer to Appendix A.1.

5.3. Frequency Stability Measurement

5.3.1. Test Limit

N/A

5.3.2. Test Procedure

ANSI C63.26-2015 - Section 5.6 & 5.7

5.3.3. Test Setting

1. A reference point shall be established at the applicable unwanted emissions limit using a RBW equal to the RBW required by the unwanted emissions specification of the applicable regulatory standard. These reference points measured using the lowest and highest channel of operation shall be identified as f_L and f_H respectively.
2. Use the frequency error function of the instrument and record the frequency error.
3. Change the temperature of equipment and repeat Steps 2.
4. Change the Voltage of equipment and repeat Steps 2.
5. The frequency error offset determined in the above methods shall be added or subtracted from the values of f_L and f_H and the resulting frequencies must remain within the band

Frequency Stability Under Temperature Variations:

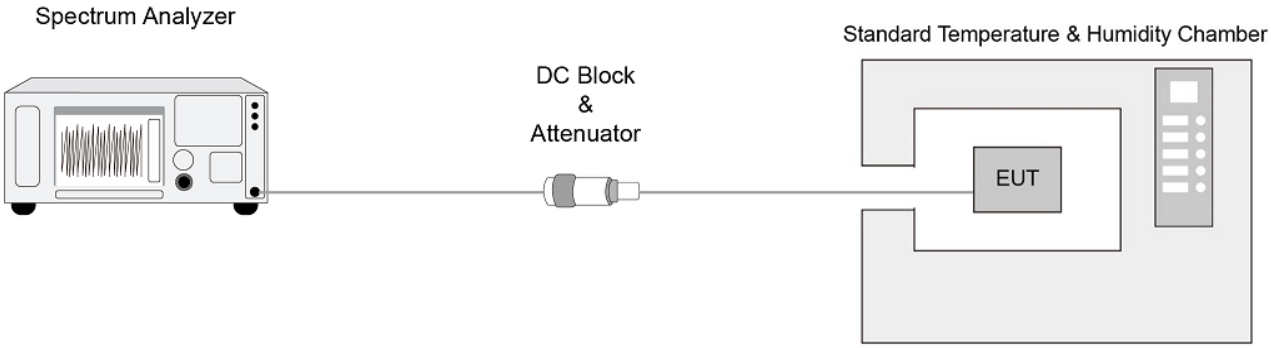
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20 °C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to highest. After the temperature stabilized recorded the frequency. Repeat step measure with 10 °C decreased per stage until the lowest temperature reached.

Frequency Stability Under Voltage Variations:

Set chamber temperature to 20 °C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation (±15%) and endpoint, record the maximum frequency change.

5.3.4. Test Setup



5.3.5. Test Result

Refer to Appendix A.2.

5.4. Transmitter Output Power Measurement

5.4.1. Test Limit

27.50 (j)(2)

The Radiated Equivalent Isotropically Power shall be limited to EIRP of 1640 watts/MHz when transmitting with an emission bandwidth greater than 1 MHz.

5.4.2. Test Procedure

ANSI C63.26-2015 - Section 5.2.4.2 & 5.2.4.4

5.4.3. Test Setting

Average Power Measurement

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter.

Average Power Density Measurement

1. Set span to 2 × to 3 × the OBW;
2. Set RBW = 1% to 5% of the OBW;
3. Set VBW ≥ 3 × RBW;
4. Set number of measurement points in sweep ≥ 2 × span / RBW;
5. Sweep time set to auto;
6. Detector = power averaging (rms);
7. If the EUT can be configured to transmit continuously, then set the trigger to free run;
8. If the EUT cannot be configured to transmit continuously, then use a sweep trigger with the level set to enable triggering only on full power bursts and configure the EUT to transmit at full power for the entire duration of each sweep.
9. Trace average at least 100 traces in power averaging (rms) mode if sweep is set to auto-couple. To accurately determine the average power over multiple symbols, it can be necessary to increase the number of traces to be averaged above 100 or, if using a manually configured sweep time, increase the sweep time.
10. Compute power by integrating the spectrum across the specified bandwidth of the signal using the instrument's band or channel power measurement function with band/channel limits set equal to the specified bandwidth band edges. If the instrument does not have a band or channel power function, sum

the spectrum levels (in linear power units) at intervals equal to the RBW extending across the entire specified bandwidth of the spectrum.

ERP & EIRP Measurement

The relevant equation for determining the maximum ERP or EIRP from the measured RF output power is given in Equation (1) as follows:

ERP or EIRP = P_{Meas} + G_T

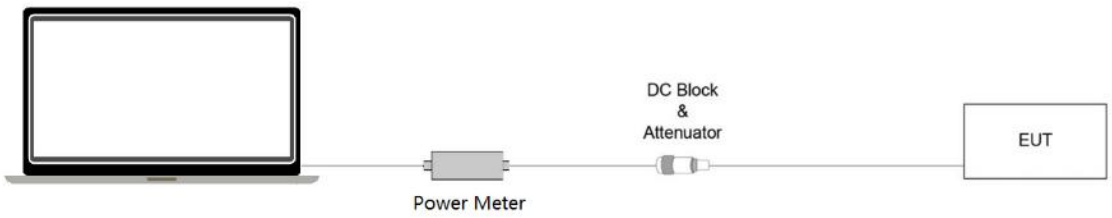
where

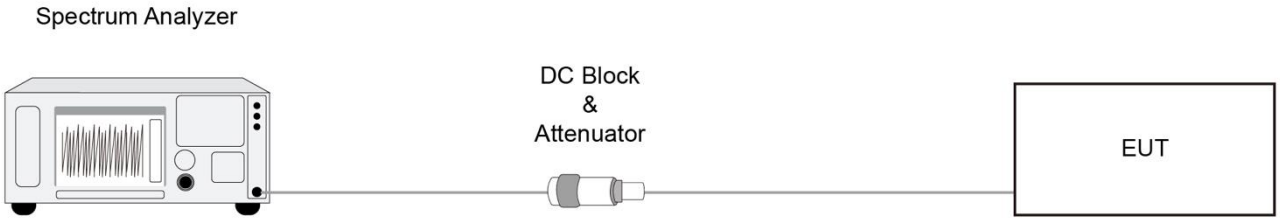
ERP or EIRP effective radiated power or equivalent isotropically radiated power, respectively (expressed in the same units as P_{Meas}, e.g., dBm or dBW)

P_{Meas} measured transmitter output power or PSD, in dBm or dBW

G_T gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP)

5.4.4. Test Setup





5.4.5. Test Result

Refer to Appendix A.3.

5.5. Peak-to-Average Power Ratio Measurement

5.5.1. Test Limit

27.50(j)(4)

The peak-to-average power ratio (PAPR) of the transmitter shall not exceed 13 dB for more than 0.1% of the time and shall use a signal corresponding to the highest PAPR during periods of continuous transmission.

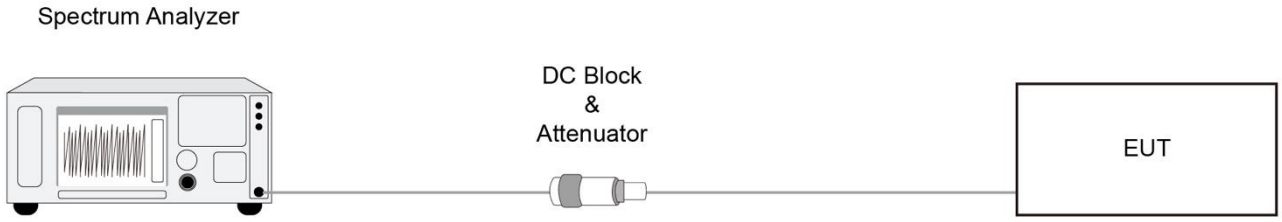
5.5.2. Test Procedure

ANSI C63.26-2015 - Section 5.2.3.4 (CCDF).

5.5.3. Test Setting

1. Set the resolution / measurement bandwidth ≥ signal's occupied bandwidth
2. Set the number of counts to a value that stabilizes the measured CCDF curve
3. Record the maximum PARR level associated with a probability of 0.1%

5.5.4. Test Setup



5.5.5. Test Result

Refer to Appendix A.4.

5.6. Transmitter Unwanted Emissions Measurement

5.6.1. Test Limit

27.53 (l)(1)

The first 1.0 MHz band immediately outside and adjacent to each of the sub-bands, the power of emissions per any 1% of the occupied bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least 43 + 10log(P) (watts)

Note: This device can be implemented MIMO function, so the limit of spurious emissions needs to be reduced 10 × log ($Numbers_{Ant}$) according to FCC KDB 662911 D01 guidance.

The limit is adjusted to -13 dBm - 10 × log(4) = -19.02 dBm

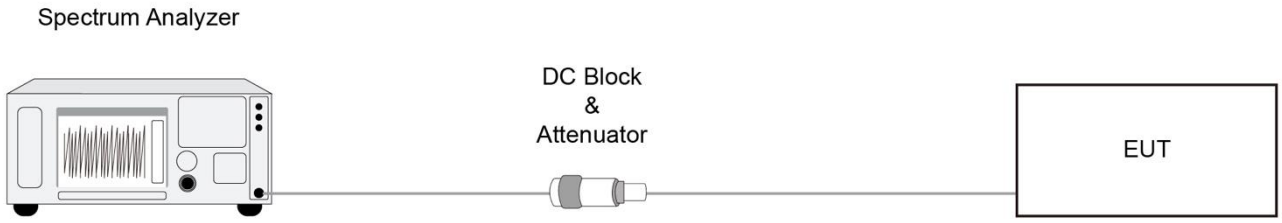
5.6.2. Test Procedure

ANSI C63.26-2015 - Section 5.7

5.6.3. Test Setting

1. Set the analyzer frequency to Low or High channel
2. RBW = specified resolution bandwidth, for improvement of the accuracy in the measurement of the average power of a noise-like emission, a RBW narrower than the specified reference bandwidth can be used (generally limited to no less than 1% of the frequency block group, provided that a subsequent integration is performed over the full required measurement bandwidth. This integration should be performed using the spectrum analyzer's band power functions.
3. VBW ≥ 3 × RBW
4. Sweep time = auto
5. Detector = power averaging (rms)
6. If the EUT can be configured to transmit continuously, then set the trigger to free run
7. If the EUT cannot be configured to transmit continuously, then use a sweep trigger with the level set to enable triggering only on full power bursts and configure the EUT to transmit at full power for the entire duration of each sweep. Verify that the sweep time is less than or equal to the transmission burst duration. Time gating can also be used under similar constraints
8. Compute the power by integrating the spectrum across the specified resolution bandwidth using the instrument's band or channel power measurement function, with the band/channel limits set equal to the specified resolution bandwidth, when using a measurement bandwidth smaller than the specified bandwidth. Otherwise, Use the peak marker function to determine the maximum amplitude level.

5.6.4. Test Setup



5.6.5. Test Result

Refer to Appendix A.5.

5.7. Transmitter Spurious Emissions Measurement

5.7.1. Test Limit

27.53 (l)(1)

The unwanted emissions shall not exceed -13 dBm.

E (dBμV/m) = EIRP (dBm) - 20log(D) + 104.8; where D is the measurement distance in meters. The emission limit equal to 82.3 dBμV/m.

5.7.2. Test Procedure

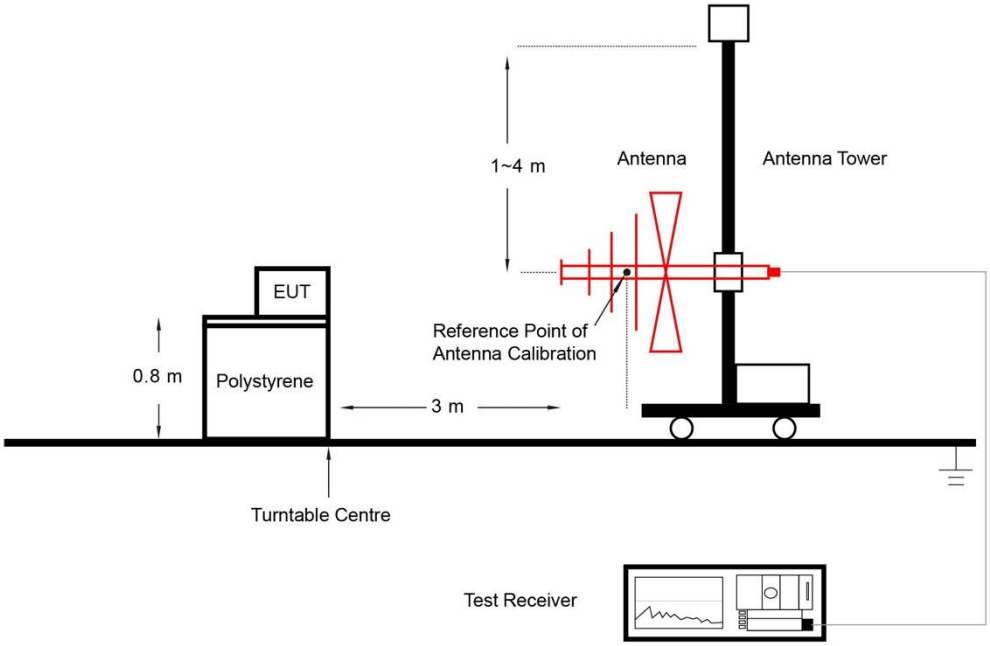
ANSI C63.26-2015 - Section 5.2.7 & 5.5

5.7.3. Test Setting

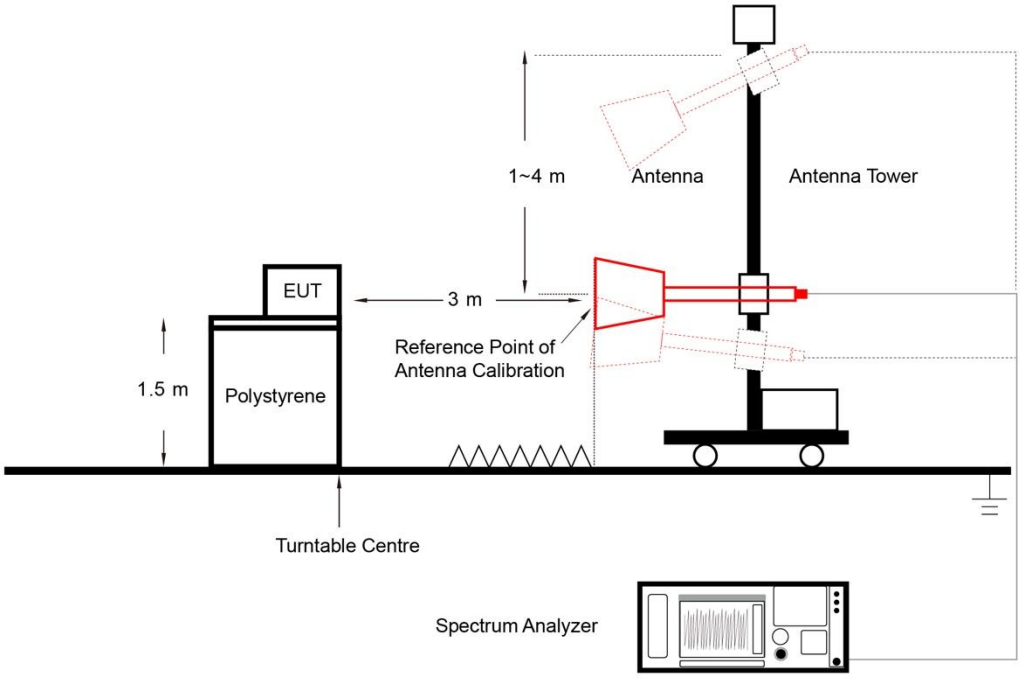
1. RBW = 120 kHz or 1 MHz
2. VBW≥ 3 × RBW
3. Sweep time ≥ 10 × (number of points in sweep) × (transmission symbol period)
4. Detector = CISPR quasi-peak / average detector (Below 1 GHz, compliance with the limits shall be demonstrated using a CISPR quasi-peak detector and the related measurement bandwidth. Above 1 GHz, compliance with the limits shall be demonstrated using a linear average detector with a minimum resolution bandwidth of 1 MHz.)
5. The trace was allowed to stabilize

5.7.4. Test Setup

Below 1 GHz Test Setup:



Above 1 GHz Test Setup:



5.7.5. Test Result

Refer to Appendix A.6.

Appendix A - Test Result

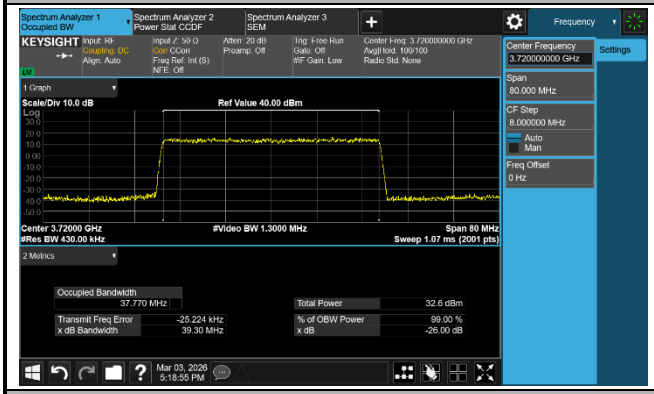
A.1 Occupied Bandwidth Test Result

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-03 ~ 2026-03-04	Test Band	n77

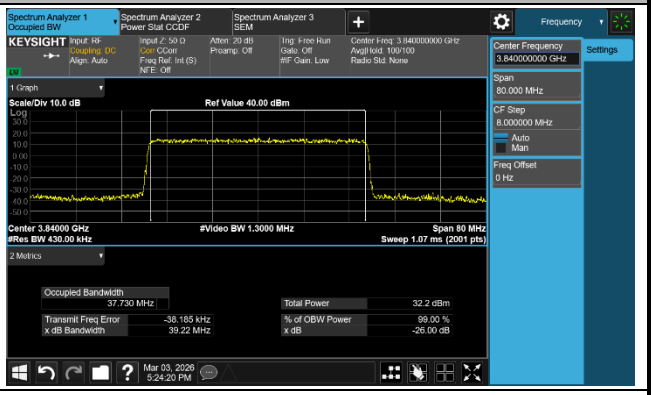
Bandwidth (MHz)	Frequency (MHz)	99% Bandwidth (MHz)
QPSK		
40	3720.00	37.770
40	3840.00	37.730
40	3960.00	37.680
64QAM		
40	3720.00	37.824
40	3840.00	37.768
40	3960.00	37.750
256QAM		
40	3720.00	37.830
40	3840.00	37.797
40	3960.00	37.818

40 MHz Channel Bandwidth - QPSK

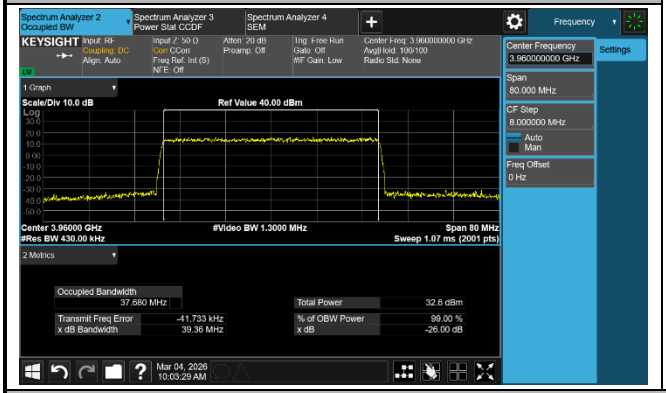
Low Channel



Middle Channel

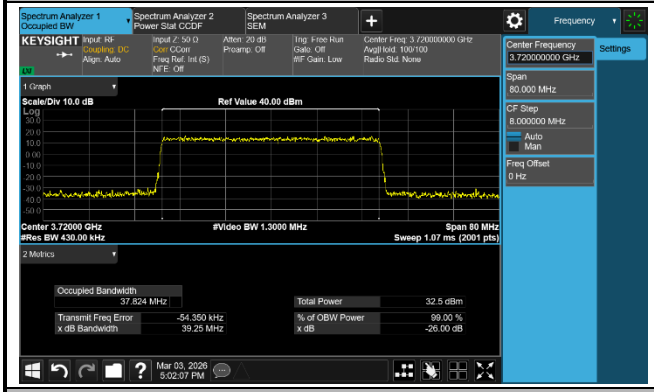


High Channel

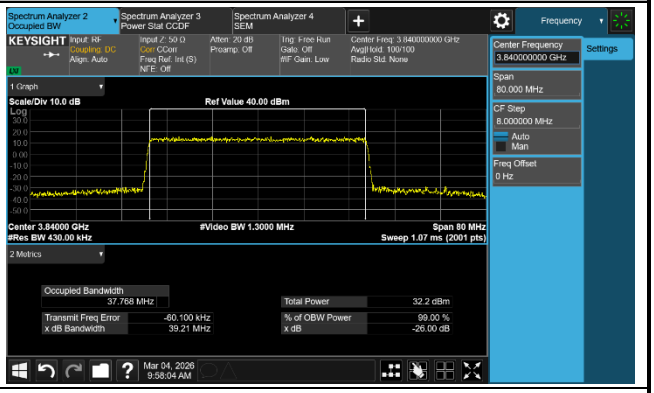


40 MHz Channel Bandwidth - 64QAM

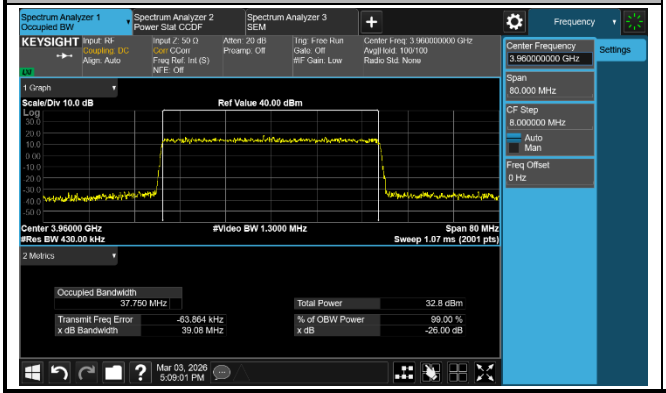
Low Channel

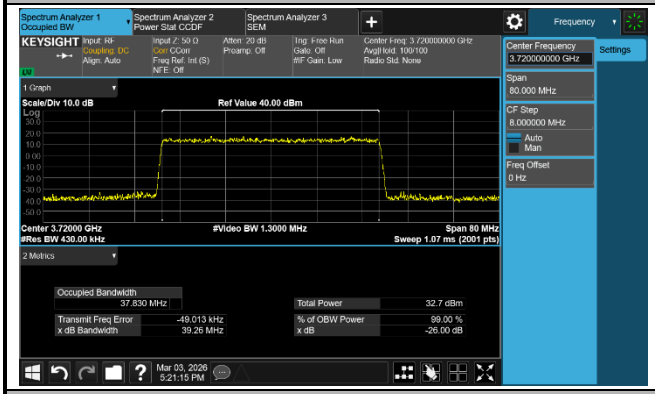
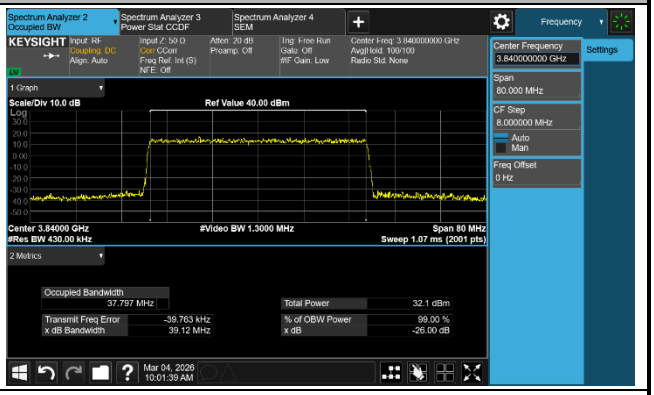
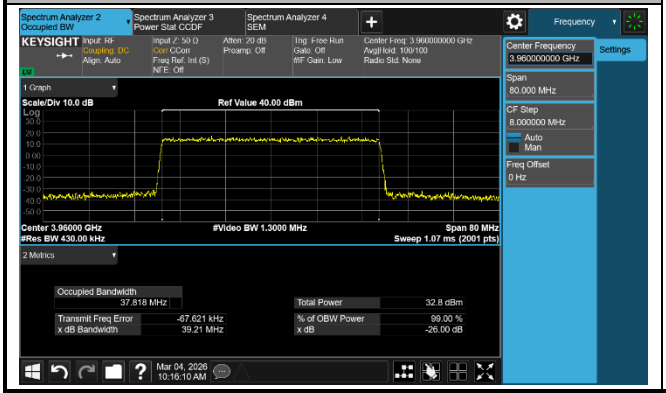


Middle Channel



High Channel



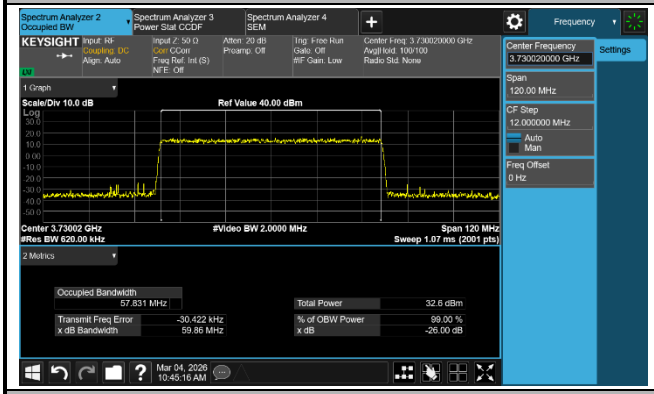
40 MHz Channel Bandwidth - 256QAM	
Low Channel	Middle Channel
	
High Channel	
	

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-04	Test Band	n77

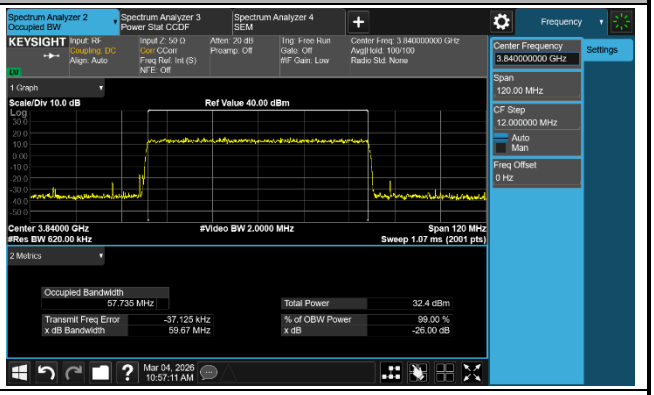
Bandwidth (MHz)	Frequency (MHz)	99% Bandwidth (MHz)
QPSK		
60	3730.02	57.831
60	3840.00	57.735
60	3949.98	57.738
64QAM		
60	3730.02	57.627
60	3840.00	57.720
60	3949.98	57.701
256QAM		
60	3730.02	57.707
60	3840.00	57.673
60	3949.98	57.712

60 MHz Channel Bandwidth - QPSK

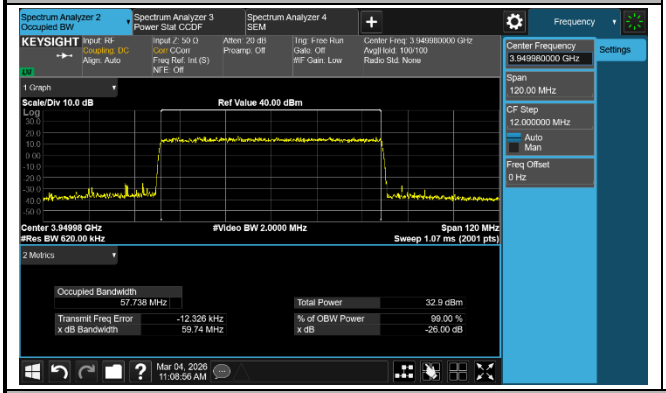
Low Channel



Middle Channel

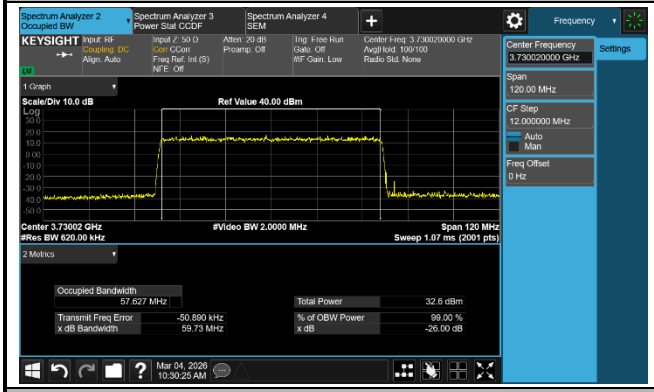


High Channel

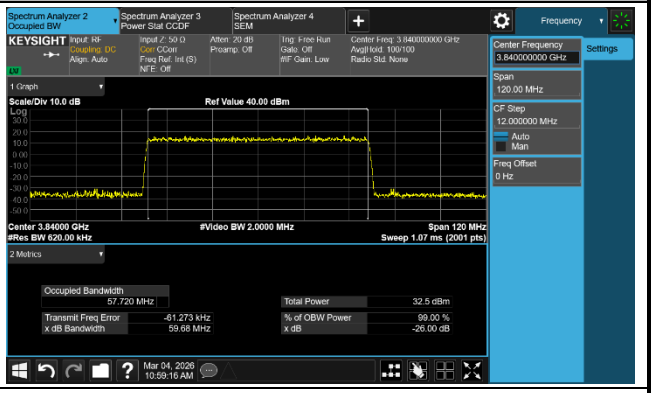


60 MHz Channel Bandwidth - 64QAM

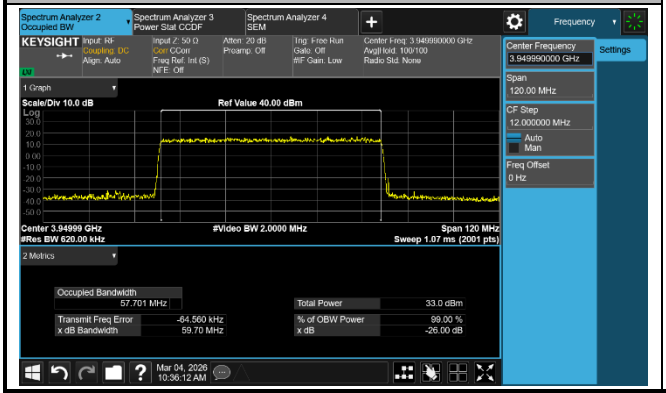
Low Channel

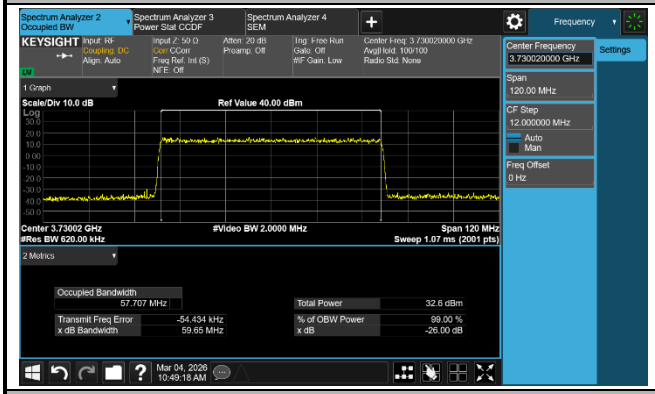
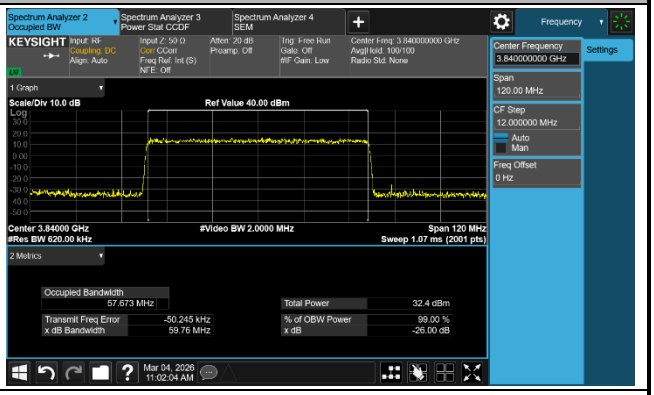
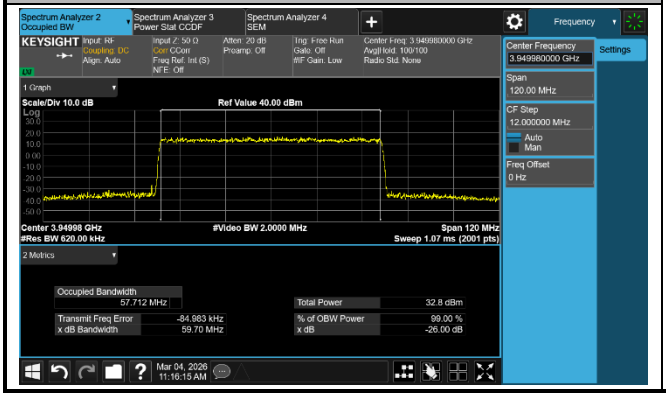


Middle Channel



High Channel



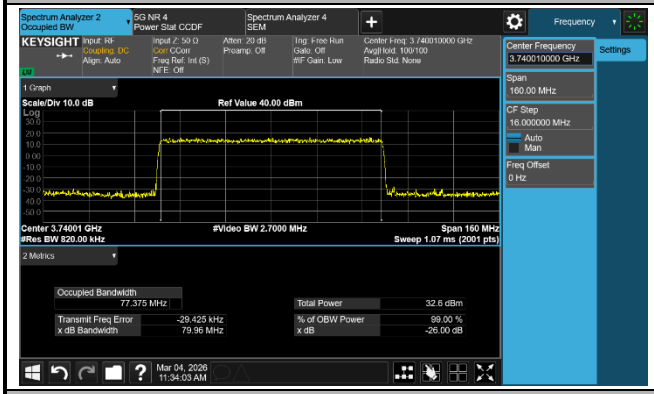
60 MHz Channel Bandwidth - 256QAM	
Low Channel	Middle Channel
	
High Channel	
	

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-04	Test Band	n77

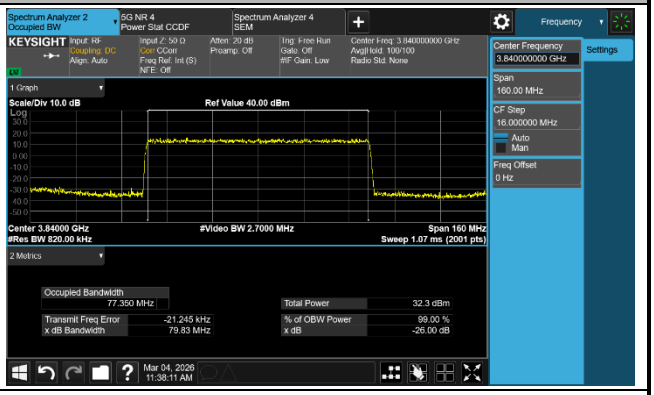
Bandwidth (MHz)	Frequency (MHz)	99% Bandwidth (MHz)
QPSK		
80	3740.01	77.375
80	3840.00	77.350
80	3939.99	77.274
64QAM		
80	3740.01	77.413
80	3840.00	77.377
80	3939.99	77.381
256QAM		
80	3740.01	77.404
80	3840.00	77.370
80	3939.99	77.379

80 MHz Channel Bandwidth - QPSK

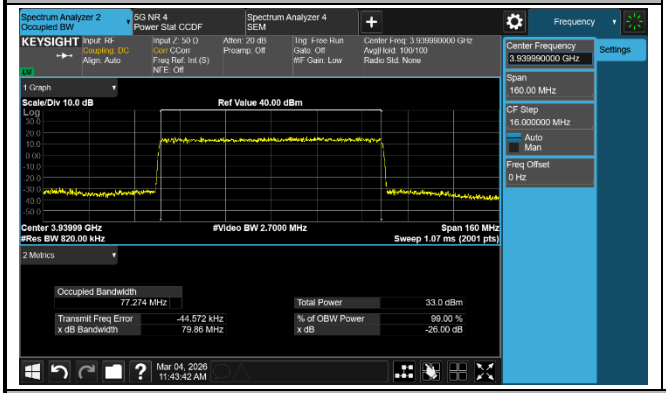
Low Channel



Middle Channel

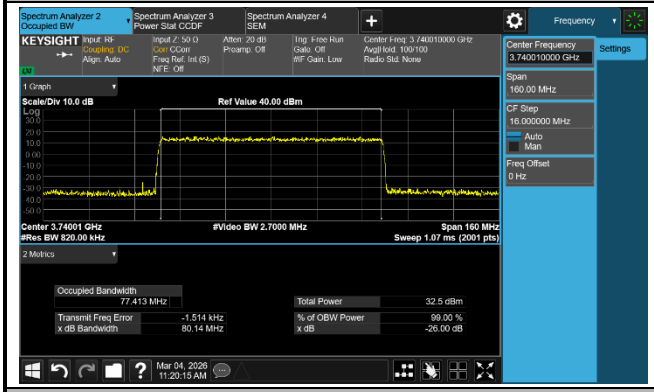


High Channel

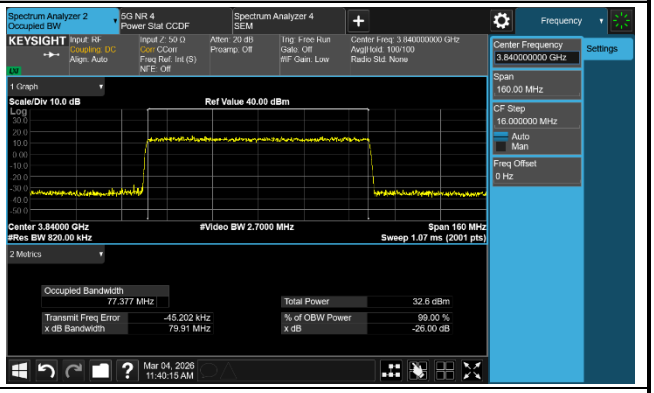


80 MHz Channel Bandwidth - 64QAM

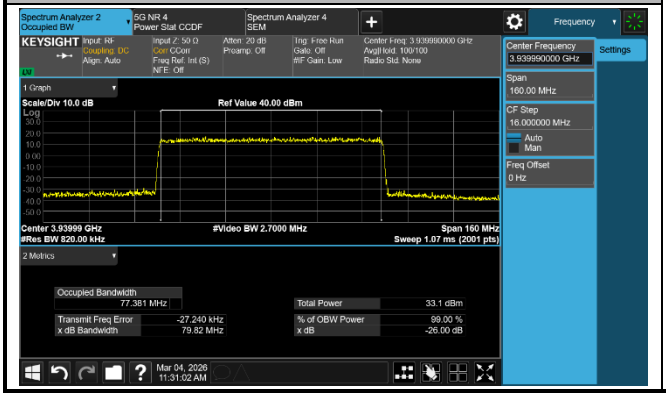
Low Channel

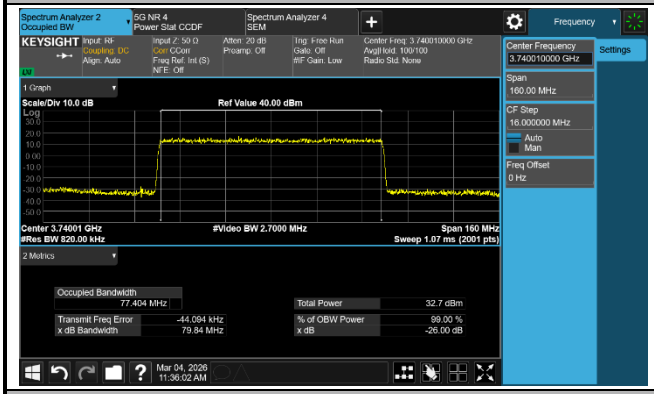
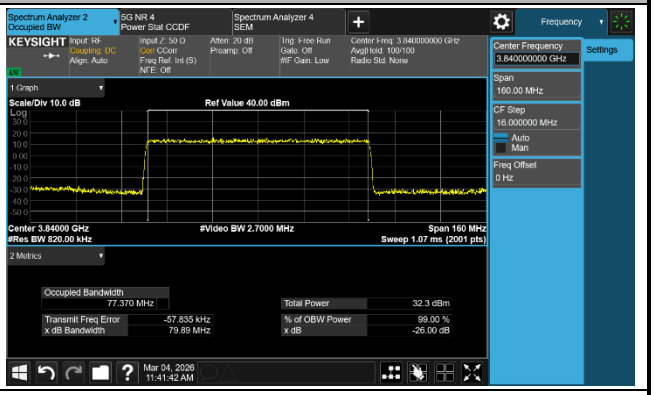
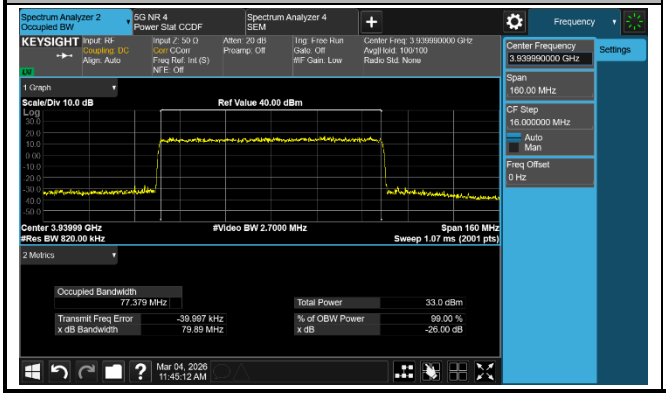


Middle Channel



High Channel



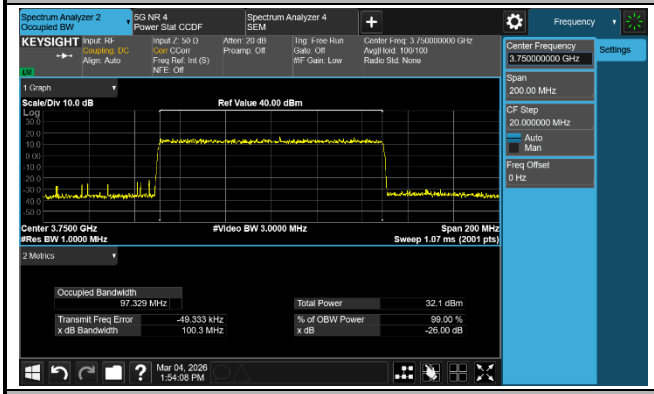
80 MHz Channel Bandwidth - 256QAM	
Low Channel	Middle Channel
	
High Channel	
	

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-04	Test Band	n77

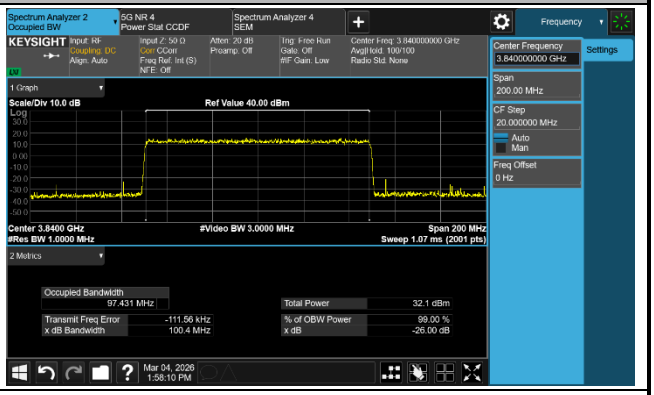
Bandwidth (MHz)	Frequency (MHz)	99% Bandwidth (MHz)
QPSK		
100	3750.00	97.329
100	3840.00	97.431
100	3930.00	97.409
64QAM		
100	3750.00	97.283
100	3840.00	97.288
100	3930.00	97.208
256QAM		
100	3750.00	97.313
100	3840.00	97.322
100	3930.00	97.158

100 MHz Channel Bandwidth - QPSK

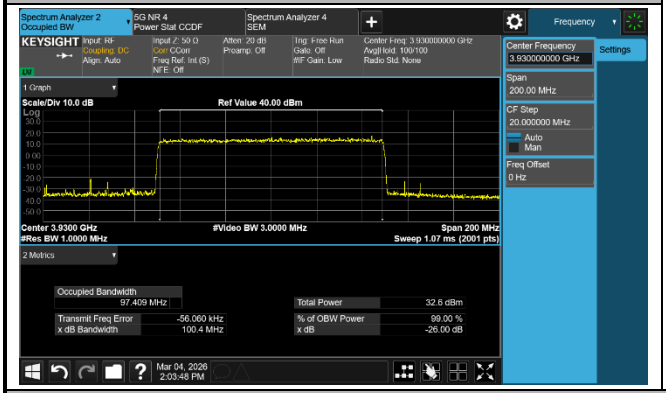
Low Channel



Middle Channel

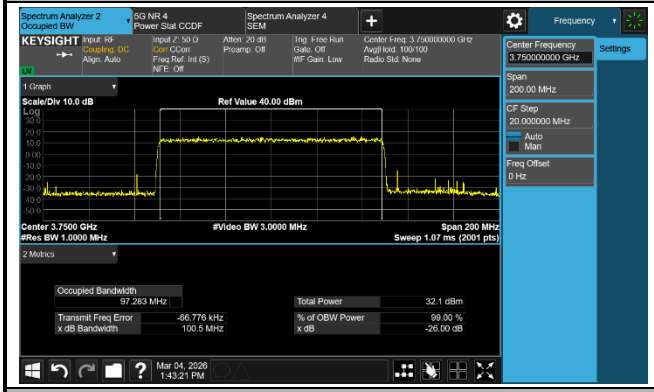


High Channel

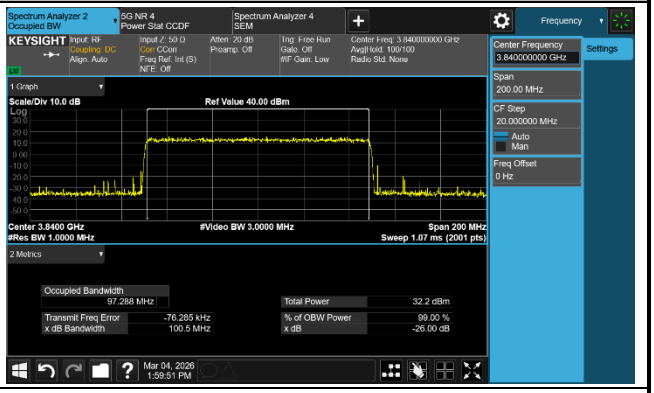


100 MHz Channel Bandwidth - 64QAM

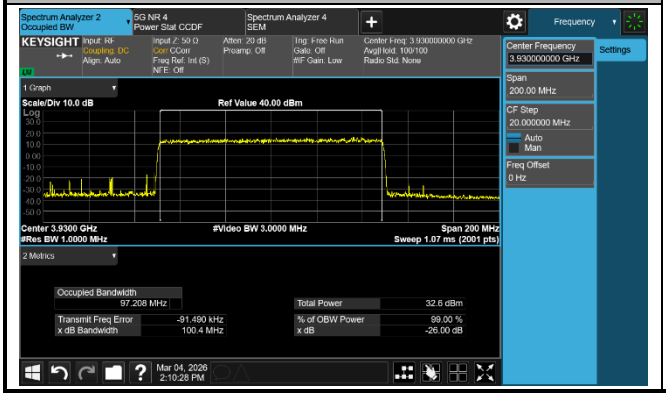
Low Channel

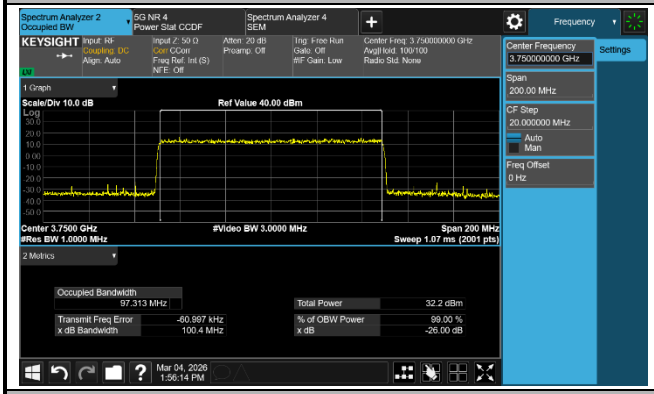
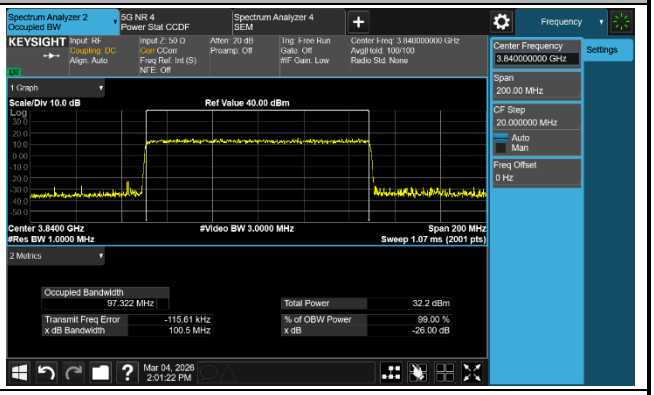
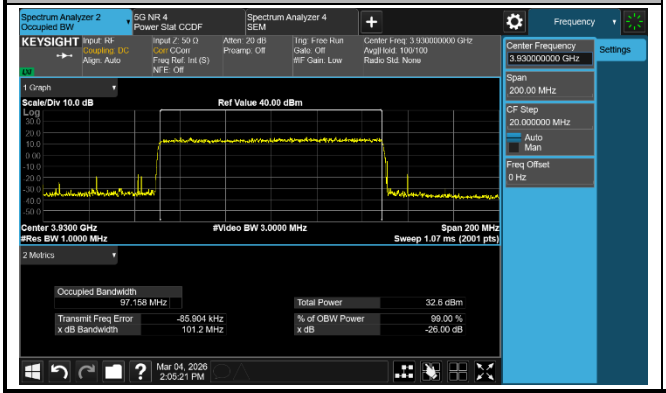


Middle Channel



High Channel



100 MHz Channel Bandwidth - 256QAM	
Low Channel	Middle Channel
	
High Channel	
	

A.2 Frequency Stability Test Result

Test Site	WJ-TR1	Test Engineer	Jone Zhang
Test Date	2026-03-05	Test Configuration	n77_40 MHz BW_64QAM

Voltage	Temp (°C)	Carrier Frequency Offset (Hz)	F_L (MHz)	F_H (MHz)	ppm	Within Authorized Frequency Block (MHz)
						3700 ~ 3980
120 Vac	+ 20 (Ref)	0.00	3700.36000	3979.56000	0.0000	Pass
Voltage	Temp (°C)	Carrier Frequency Offset (Hz)	$\triangle F_L$ (MHz)	$\triangle F_H$ (MHz)	ppm	Within Authorized Frequency Block (MHz)
						3700 ~ 3980
120 Vac	+50	576.21	3700.36058	3979.56058	0.1501	Pass
	+40	787.11	3700.36079	3979.56079	0.2050	Pass
	+30	701.06	3700.36070	3979.56070	0.1826	Pass
	+10	59.04	3700.36006	3979.56006	0.0154	Pass
	0	-54.23	3700.35995	3979.55995	-0.0141	Pass
	-10	-91.86	3700.35991	3979.55991	-0.0239	Pass
	-20	-410.53	3700.35959	3979.55959	-0.1069	Pass
	-30	-666.68	3700.35933	3979.55933	-0.1736	Pass
138 Vac	+20	189.69	3700.36019	3979.56019	0.0494	Pass
102 Vac	+20	172.19	3700.36017	3979.56017	0.0448	Pass

Note 1: $\triangle F_L$ (MHz) = F_L (MHz) + Carrier Frequency Offset (Hz) / 10^6

Note 2: $\triangle F_H$ (MHz) = F_H (MHz) + Carrier Frequency Offset (Hz) / 10^6

A.3 Transmitter Output Power Test Result

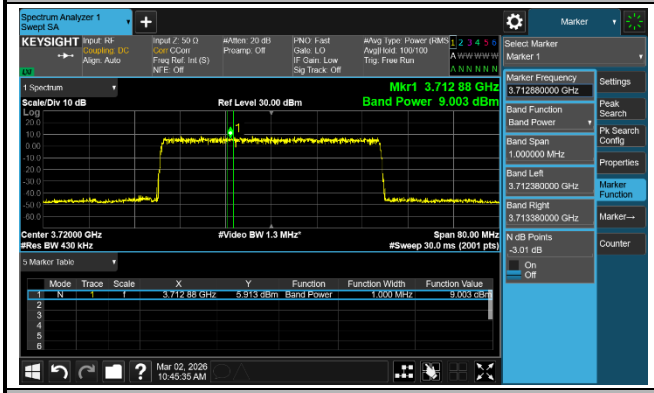
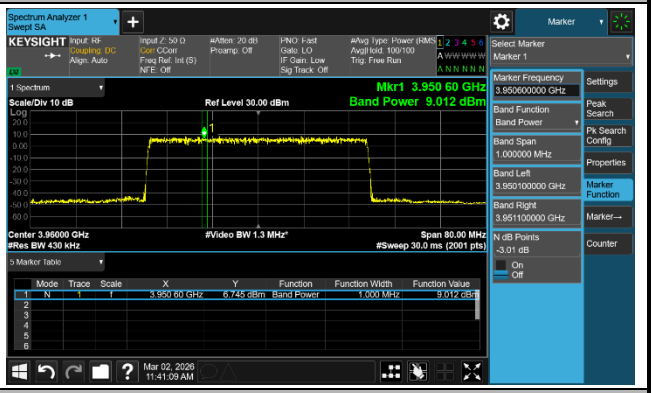
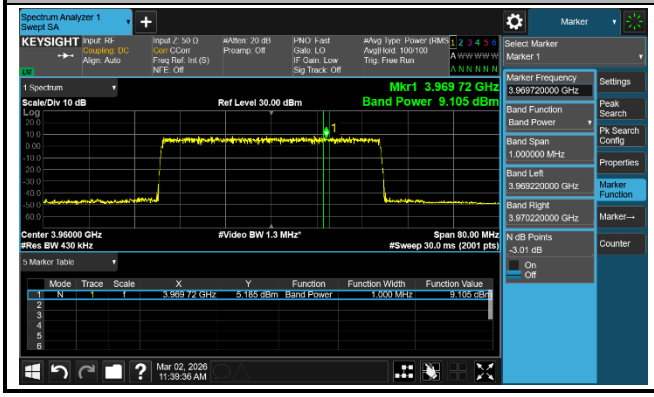
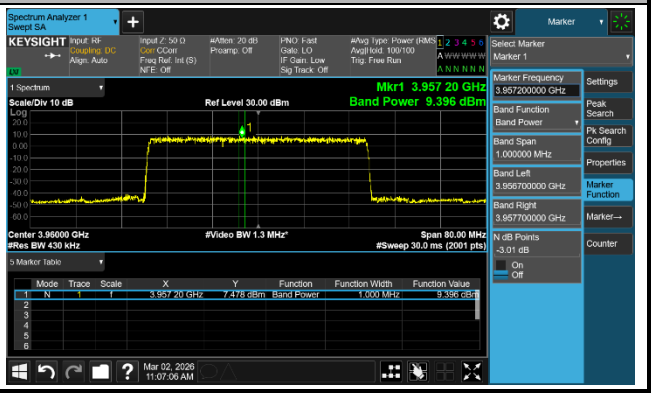
Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_40 MHz BW (Internal Antenna)

Frequency (MHz)	Output Power (dBm/MHz)				Total Power (dBm/MHz)	EIRP (dBm/MHz)	Limit (dBm/MHz)
	Ant 1	Ant 2	Ant 3	Ant 4			
QPSK							
3720.00	8.488	8.319	8.628	8.931	14.62	20.08	< 62.15
3840.00	8.111	8.129	8.217	8.730	14.32	19.78	< 62.15
3960.00	8.425	8.423	8.567	9.005	14.63	20.09	< 62.15
64QAM							
3720.00	9.003	8.904	8.732	9.192	14.98	20.44	< 62.15
3840.00	8.070	8.167	8.418	9.318	14.54	20.00	< 62.15
3960.00	8.408	8.732	8.704	9.396	14.85	20.31	< 62.15
256QAM							
3720.00	8.990	8.996	8.907	9.317	15.08	20.54	< 62.15
3840.00	8.630	8.610	8.739	9.226	14.83	20.29	< 62.15
3960.00	8.719	9.012	9.105	9.251	15.05	20.51	< 62.15

Note 1: Total Power (dBm/MHz) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 2 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 3 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 4 Power (dBm/MHz) / 10}]}\}$ (dBm/MHz).

Note 2: EIRP (dBm/MHz) = Total Power (dBm/MHz) + Directional Gain (dBi).

Worst case test plots

40 MHz Channel Bandwidth	
Ant 1	Ant 2
	
Ant 3	Ant 4
	

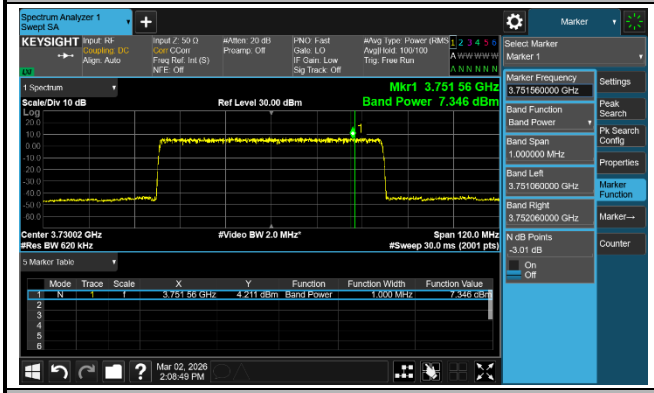
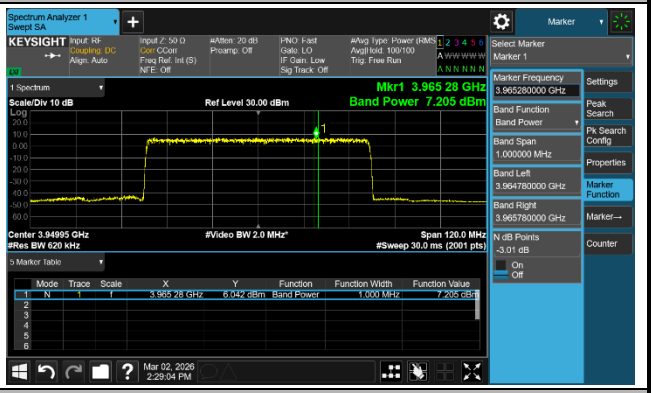
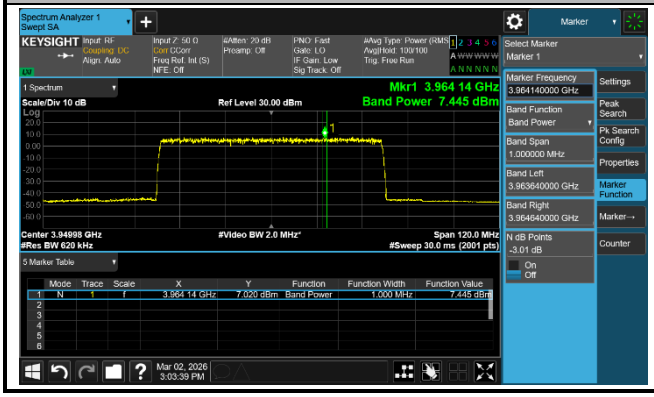
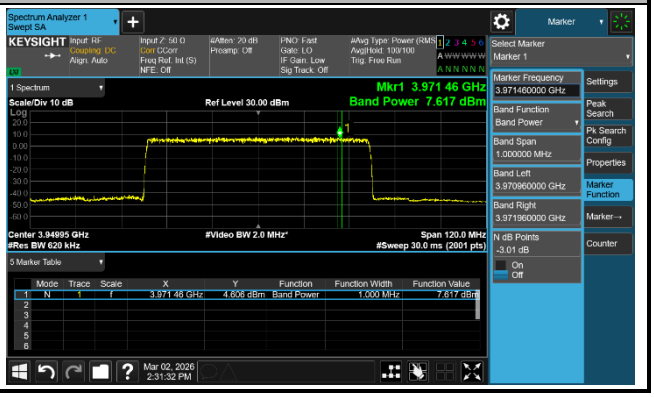
Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_60 MHz BW (Internal Antenna)

Frequency (MHz)	Output Power (dBm/MHz)				Total Power (dBm/MHz)	EIRP (dBm/MHz)	Limit (dBm/MHz)
	Ant 1	Ant 2	Ant 3	Ant 4			
QPSK							
3730.02	6.812	6.705	6.830	7.211	12.91	18.37	< 62.15
3840.00	6.135	6.110	6.442	7.026	12.46	17.92	< 62.15
3949.98	6.509	6.739	6.704	7.022	12.77	18.23	< 62.15
64QAM							
3730.02	7.346	7.142	7.326	7.609	13.38	18.84	< 62.15
3840.00	6.864	6.867	7.011	7.428	13.07	18.53	< 62.15
3949.98	6.659	7.205	7.200	7.617	13.20	18.66	< 62.15
256QAM							
3730.02	7.235	7.079	7.114	7.390	13.23	18.69	< 62.15
3840.00	6.322	6.716	7.033	7.376	12.90	18.36	< 62.15
3949.98	7.052	7.165	7.445	7.566	13.33	18.79	< 62.15

Note 1: Total Power (dBm/MHz) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 2 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 3 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 4 Power (dBm/MHz) / 10}]}\}$ (dBm/MHz).

Note 2: EIRP (dBm/MHz) = Total Power (dBm/MHz) + Directional Gain (dBi).

Worst case test plots

60 MHz Channel Bandwidth	
Ant 1	Ant 2
	
Ant 3	Ant 4
	

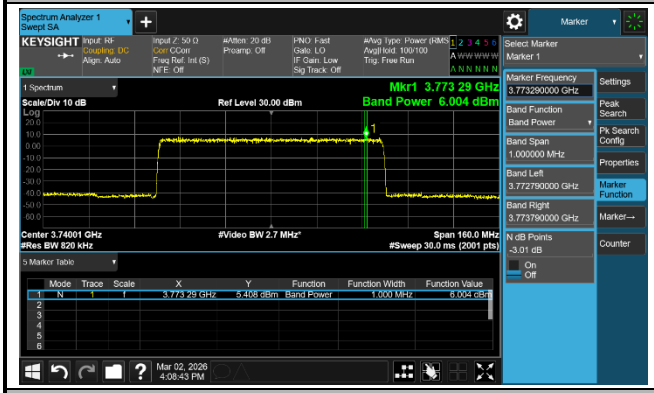
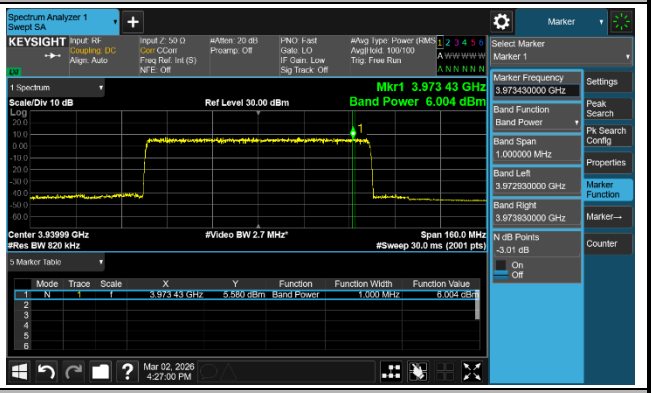
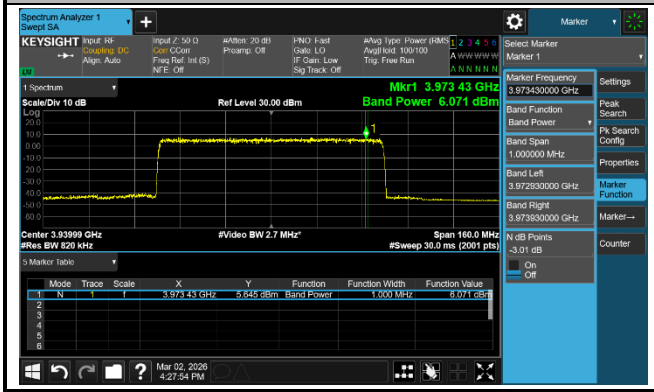
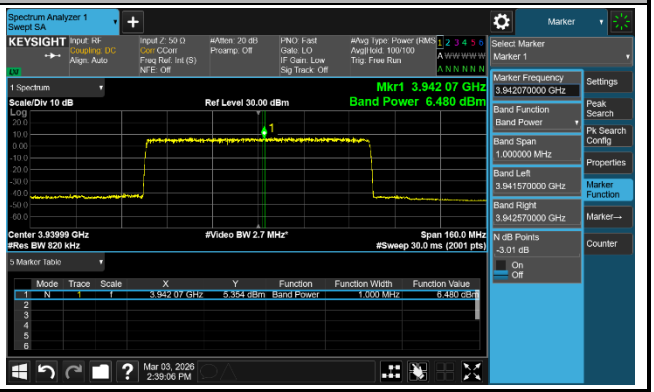
Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_80 MHz BW (Internal Antenna)

Frequency (MHz)	Output Power (dBm/MHz)				Total Power (dBm/MHz)	EIRP (dBm/MHz)	Limit (dBm/MHz)
	Ant 1	Ant 2	Ant 3	Ant 4			
QPSK							
3740.01	5.802	5.769	5.850	6.251	11.94	17.40	< 62.15
3840.00	5.300	5.288	5.314	5.875	11.47	16.93	< 62.15
3939.99	5.498	5.664	5.845	6.338	11.87	17.33	< 62.15
64QAM							
3740.01	5.951	5.821	6.044	6.322	12.06	17.52	< 62.15
3840.00	5.490	5.329	5.325	5.952	11.55	17.01	< 62.15
3939.99	5.651	5.775	5.721	6.480	11.94	17.40	< 62.15
256QAM							
3740.01	6.004	5.928	6.011	6.392	12.11	17.57	< 62.15
3840.00	5.618	5.469	5.683	6.164	11.76	17.22	< 62.15
3939.99	5.933	6.004	6.071	6.313	12.10	17.56	< 62.15

Note 1: Total Power (dBm/MHz) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 2 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 3 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 4 Power (dBm/MHz) / 10}]}\}$ (dBm/MHz).

Note 2: EIRP (dBm/MHz) = Total Power (dBm/MHz) + Directional Gain (dBi).

Worst case test plots

80 MHz Channel Bandwidth	
Ant 1	Ant 2
	
Ant 3	Ant 4
	

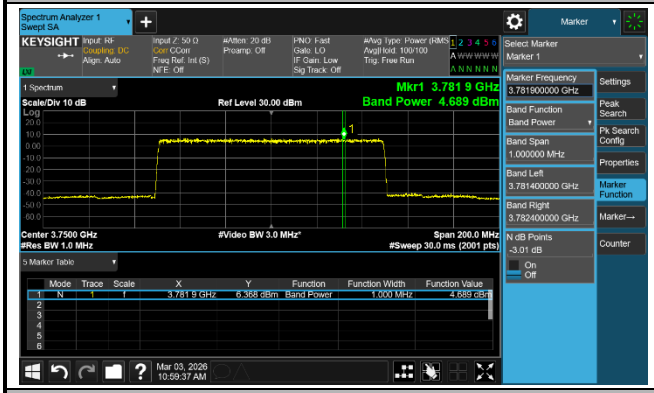
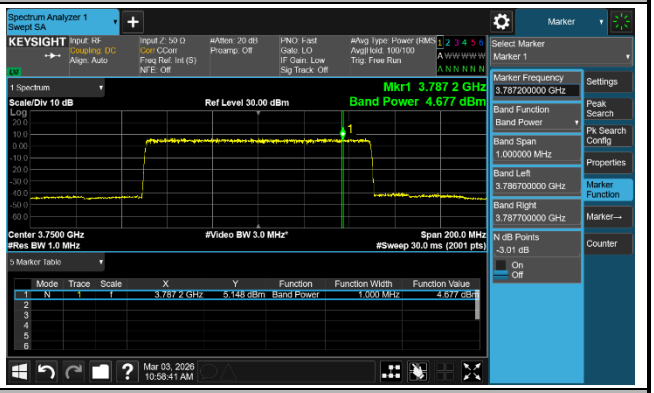
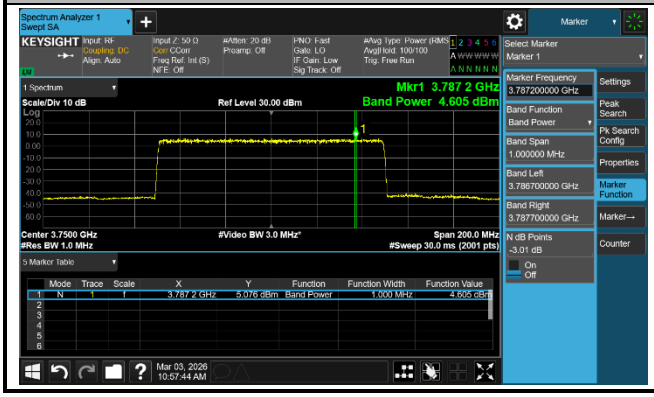
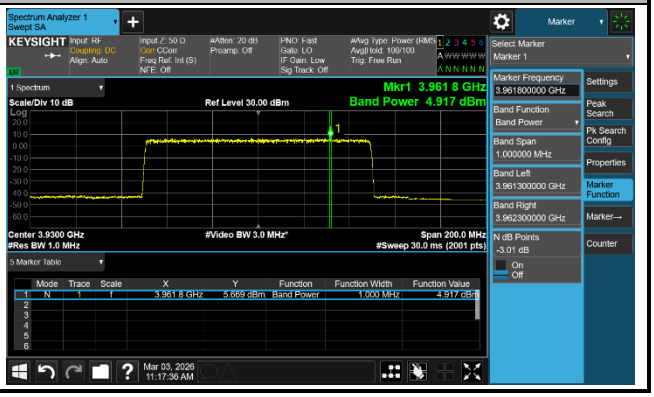
Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_100 MHz BW (Internal Antenna)

Frequency (MHz)	Output Power (dBm/MHz)				Total Power (dBm/MHz)	EIRP (dBm/MHz)	Limit (dBm/MHz)
	Ant 1	Ant 2	Ant 3	Ant 4			
QPSK							
3750.00	4.025	4.052	4.118	4.562	10.22	15.68	< 62.15
3840.00	3.884	4.004	3.834	4.204	10.00	15.46	< 62.15
3930.00	4.042	4.203	3.910	4.631	10.23	15.69	< 62.15
64QAM							
3750.00	4.689	4.677	4.605	4.745	10.70	16.16	< 62.15
3840.00	4.232	4.351	4.181	4.426	10.32	15.78	< 62.15
3930.00	4.332	4.579	4.494	4.917	10.61	16.07	< 62.15
256QAM							
3750.00	4.471	4.476	4.172	4.618	10.46	15.92	< 62.15
3840.00	4.184	4.224	4.024	4.368	10.22	15.68	< 62.15
3930.00	3.947	4.531	3.933	4.807	10.34	15.80	< 62.15

Note 1: Total Power (dBm/MHz) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 2 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 3 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 4 Power (dBm/MHz) / 10}]}\}$ (dBm/MHz).

Note 2: EIRP (dBm/MHz) = Total Power (dBm/MHz) + Directional Gain (dBi).

Worst case test plots

100 MHz Channel Bandwidth	
Ant 1	Ant 2
	
Ant 3	Ant 4
	

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_40 MHz BW (CMAX-OMF7-43-UWI53)

Frequency (MHz)	Output Power (dBm/MHz)				Total Power (dBm/MHz)	EIRP (dBm/MHz)	Limit (dBm/MHz)
	Ant 1	Ant 2	Ant 3	Ant 4			
QPSK							
3720.00	8.488	8.319	8.628	8.931	14.62	26.14	< 62.15
3840.00	8.111	8.129	8.217	8.730	14.32	25.84	< 62.15
3960.00	8.425	8.423	8.567	9.005	14.63	26.15	< 62.15
64QAM							
3720.00	9.003	8.904	8.732	9.192	14.98	26.50	< 62.15
3840.00	8.070	8.167	8.418	9.318	14.54	26.06	< 62.15
3960.00	8.408	8.732	8.704	9.396	14.85	26.37	< 62.15
256QAM							
3720.00	8.990	8.996	8.907	9.317	15.08	26.60	< 62.15
3840.00	8.630	8.610	8.739	9.226	14.83	26.35	< 62.15
3960.00	8.719	9.012	9.105	9.251	15.05	26.57	< 62.15

Note 1: Total Power (dBm/MHz) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 2 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 3 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 4 Power (dBm/MHz) / 10}]}\}$ (dBm/MHz).

Note 2: EIRP (dBm/MHz) = Total Power (dBm/MHz) + Directional Gain (dBi).

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_40 MHz BW (CMAX-OMF9-43-UWI53)

Frequency (MHz)	Output Power (dBm/MHz)				Total Power (dBm/MHz)	EIRP (dBm/MHz)	Limit (dBm/MHz)
	Ant 1	Ant 2	Ant 3	Ant 4			
QPSK							
3720.00	8.488	8.319	8.628	8.931	14.62	25.84	< 62.15
3840.00	8.111	8.129	8.217	8.730	14.32	25.54	< 62.15
3960.00	8.425	8.423	8.567	9.005	14.63	25.85	< 62.15
64QAM							
3720.00	9.003	8.904	8.732	9.192	14.98	26.20	< 62.15
3840.00	8.070	8.167	8.418	9.318	14.54	25.76	< 62.15
3960.00	8.408	8.732	8.704	9.396	14.85	26.07	< 62.15
256QAM							
3720.00	8.990	8.996	8.907	9.317	15.08	26.30	< 62.15
3840.00	8.630	8.610	8.739	9.226	14.83	26.05	< 62.15
3960.00	8.719	9.012	9.105	9.251	15.05	26.27	< 62.15

Note 1: Total Power (dBm/MHz) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 2 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 3 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 4 Power (dBm/MHz) / 10}]}\}$ (dBm/MHz).

Note 2: EIRP (dBm/MHz) = Total Power (dBm/MHz) + Directional Gain (dBi).

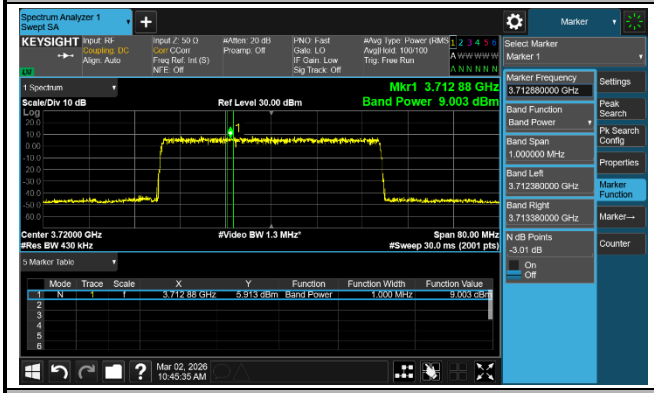
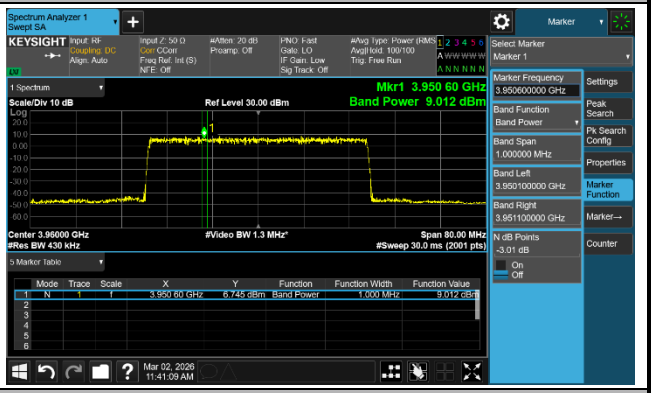
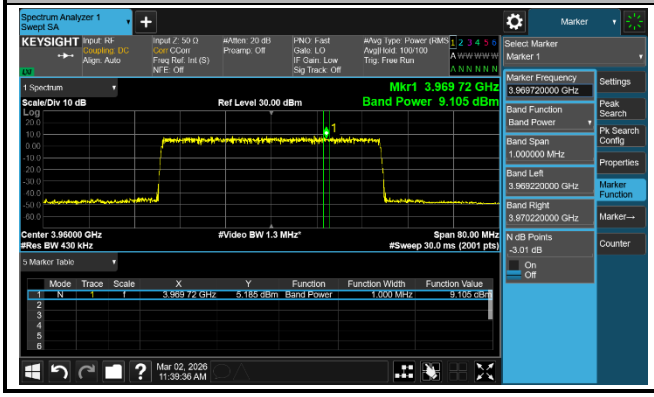
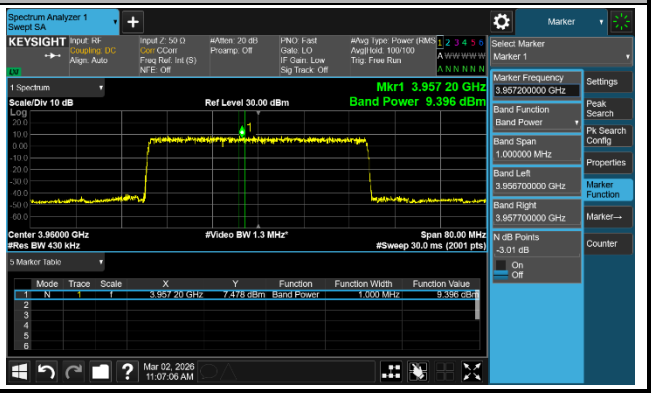
Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_40 MHz BW (CMAX-DMF4-43-WI53)

Frequency (MHz)	Output Power (dBm/MHz)				Total Power (dBm/MHz)	EIRP (dBm/MHz)	Limit (dBm/MHz)
	Ant 1	Ant 2	Ant 3	Ant 4			
QPSK							
3720.00	8.488	8.319	8.628	8.931	14.62	25.33	< 62.15
3840.00	8.111	8.129	8.217	8.730	14.32	25.03	< 62.15
3960.00	8.425	8.423	8.567	9.005	14.63	25.34	< 62.15
64QAM							
3720.00	9.003	8.904	8.732	9.192	14.98	25.69	< 62.15
3840.00	8.070	8.167	8.418	9.318	14.54	25.25	< 62.15
3960.00	8.408	8.732	8.704	9.396	14.85	25.56	< 62.15
256QAM							
3720.00	8.990	8.996	8.907	9.317	15.08	25.79	< 62.15
3840.00	8.630	8.610	8.739	9.226	14.83	25.54	< 62.15
3960.00	8.719	9.012	9.105	9.251	15.05	25.76	< 62.15

Note 1: Total Power (dBm/MHz) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 2 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 3 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 4 Power (dBm/MHz)} / 10]}\}$ (dBm/MHz).

Note 2: EIRP (dBm/MHz) = Total Power (dBm/MHz) + Directional Gain (dBi).

Worst case test plots

40 MHz Channel Bandwidth	
Ant 1	Ant 2
	
Ant 3	Ant 4
	

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_60 MHz BW (CMAX-OMF7-43-UWI53)

Frequency (MHz)	Output Power (dBm/MHz)				Total Power (dBm/MHz)	EIRP (dBm/MHz)	Limit (dBm/MHz)
	Ant 1	Ant 2	Ant 3	Ant 4			
QPSK							
3730.02	6.812	6.705	6.83	7.211	12.91	24.43	< 62.15
3840.00	6.135	6.11	6.442	7.026	12.46	23.98	< 62.15
3949.98	6.509	6.739	6.704	7.022	12.77	24.29	< 62.15
64QAM							
3730.02	7.346	7.142	7.326	7.609	13.38	24.90	< 62.15
3840.00	6.864	6.867	7.011	7.428	13.07	24.59	< 62.15
3949.98	6.659	7.205	7.200	7.617	13.20	24.72	< 62.15
256QAM							
3730.02	7.235	7.079	7.114	7.39	13.23	24.75	< 62.15
3840.00	6.322	6.716	7.033	7.376	12.90	24.42	< 62.15
3949.98	7.052	7.165	7.445	7.566	13.33	24.85	< 62.15

Note 1: Total Power (dBm/MHz) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 2 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 3 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 4 Power (dBm/MHz) / 10}]}\}$ (dBm/MHz).

Note 2: EIRP (dBm/MHz) = Total Power (dBm/MHz) + Directional Gain (dBi).

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_60 MHz BW (CMAX-OMF9-43-UWI53)

Frequency (MHz)	Output Power (dBm/MHz)				Total Power (dBm/MHz)	EIRP (dBm/MHz)	Limit (dBm/MHz)
	Ant 1	Ant 2	Ant 3	Ant 4			
QPSK							
3730.02	6.812	6.705	6.83	7.211	12.91	24.13	< 62.15
3840.00	6.135	6.11	6.442	7.026	12.46	23.68	< 62.15
3949.98	6.509	6.739	6.704	7.022	12.77	23.99	< 62.15
64QAM							
3730.02	7.346	7.142	7.326	7.609	13.38	24.60	< 62.15
3840.00	6.864	6.867	7.011	7.428	13.07	24.29	< 62.15
3949.98	6.659	7.205	7.200	7.617	13.20	24.42	< 62.15
256QAM							
3730.02	7.235	7.079	7.114	7.39	13.23	24.45	< 62.15
3840.00	6.322	6.716	7.033	7.376	12.90	24.12	< 62.15
3949.98	7.052	7.165	7.445	7.566	13.33	24.55	< 62.15

Note 1: Total Power (dBm/MHz) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 2 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 3 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 4 Power (dBm/MHz) / 10}]}\}$ (dBm/MHz).

Note 2: EIRP (dBm/MHz) = Total Power (dBm/MHz) + Directional Gain (dBi).

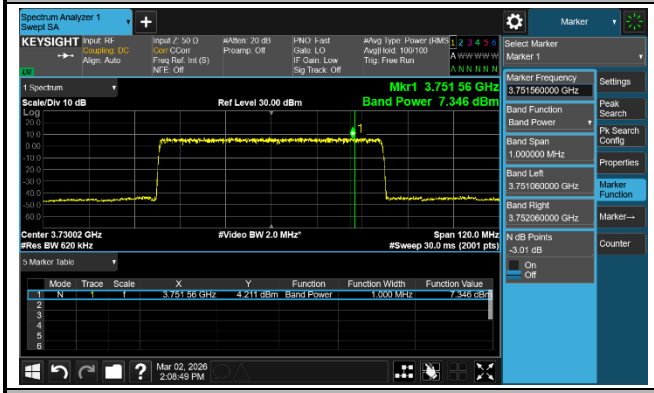
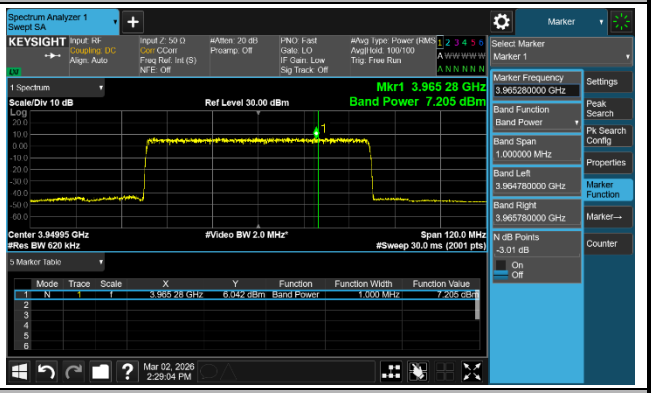
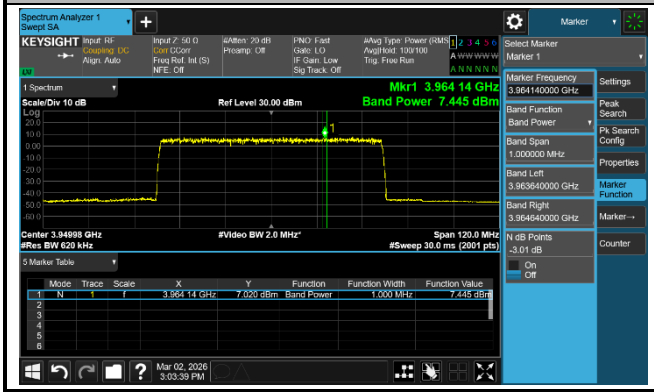
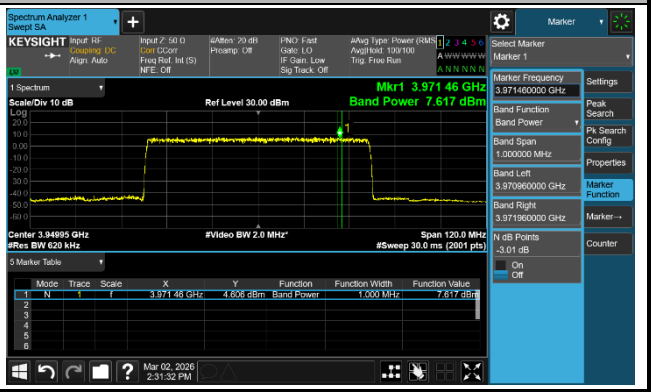
Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_60 MHz BW (CMAX-DMF4-43-WI53)

Frequency (MHz)	Output Power (dBm/MHz)				Total Power (dBm/MHz)	EIRP (dBm/MHz)	Limit (dBm/MHz)
	Ant 1	Ant 2	Ant 3	Ant 4			
QPSK							
3730.02	6.812	6.705	6.83	7.211	12.91	23.62	< 62.15
3840.00	6.135	6.11	6.442	7.026	12.46	23.17	< 62.15
3949.98	6.509	6.739	6.704	7.022	12.77	23.48	< 62.15
64QAM							
3730.02	7.346	7.142	7.326	7.609	13.38	24.09	< 62.15
3840.00	6.864	6.867	7.011	7.428	13.07	23.78	< 62.15
3949.98	6.659	7.205	7.200	7.617	13.20	23.91	< 62.15
256QAM							
3730.02	7.235	7.079	7.114	7.39	13.23	23.94	< 62.15
3840.00	6.322	6.716	7.033	7.376	12.90	23.61	< 62.15
3949.98	7.052	7.165	7.445	7.566	13.33	24.04	< 62.15

Note 1: Total Power (dBm/MHz) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 2 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 3 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 4 Power (dBm/MHz) / 10}]}\}$ (dBm/MHz).

Note 2: EIRP (dBm/MHz) = Total Power (dBm/MHz) + Directional Gain (dBi).

Worst case test plots

60 MHz Channel Bandwidth	
Ant 1	Ant 2
	
Ant 3	Ant 4
	

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_80 MHz BW (CMAX-OMF7-43-UWI53)

Frequency (MHz)	Output Power (dBm/MHz)				Total Power (dBm/MHz)	EIRP (dBm/MHz)	Limit (dBm/MHz)
	Ant 1	Ant 2	Ant 3	Ant 4			
QPSK							
3740.01	5.802	5.769	5.850	6.251	11.94	23.46	< 62.15
3840.00	5.300	5.288	5.314	5.875	11.47	22.99	< 62.15
3939.99	5.498	5.664	5.845	6.338	11.87	23.39	< 62.15
64QAM							
3740.01	5.951	5.821	6.044	6.322	12.06	23.58	< 62.15
3840.00	5.490	5.329	5.325	5.952	11.55	23.07	< 62.15
3939.99	5.651	5.775	5.721	6.480	11.94	23.46	< 62.15
256QAM							
3740.01	6.004	5.928	6.011	6.392	12.11	23.63	< 62.15
3840.00	5.618	5.469	5.683	6.164	11.76	23.28	< 62.15
3939.99	5.933	6.004	6.071	6.313	12.10	23.62	< 62.15

Note 1: Total Power (dBm/MHz) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 2 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 3 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 4 Power (dBm/MHz)} / 10]}\}$ (dBm/MHz).

Note 2: EIRP (dBm/MHz) = Total Power (dBm/MHz) + Directional Gain (dBi).

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_80 MHz BW (CMAX-OMF9-43-UWI53)

Frequency (MHz)	Output Power (dBm/MHz)				Total Power (dBm/MHz)	EIRP (dBm/MHz)	Limit (dBm/MHz)
	Ant 1	Ant 2	Ant 3	Ant 4			
QPSK							
3740.01	5.802	5.769	5.850	6.251	11.94	23.16	< 62.15
3840.00	5.300	5.288	5.314	5.875	11.47	22.69	< 62.15
3939.99	5.498	5.664	5.845	6.338	11.87	23.09	< 62.15
64QAM							
3740.01	5.951	5.821	6.044	6.322	12.06	23.28	< 62.15
3840.00	5.490	5.329	5.325	5.952	11.55	22.77	< 62.15
3939.99	5.651	5.775	5.721	6.480	11.94	23.16	< 62.15
256QAM							
3740.01	6.004	5.928	6.011	6.392	12.11	23.33	< 62.15
3840.00	5.618	5.469	5.683	6.164	11.76	22.98	< 62.15
3939.99	5.933	6.004	6.071	6.313	12.10	23.32	< 62.15

Note 1: Total Power (dBm/MHz) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 2 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 3 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 4 Power (dBm/MHz) / 10}]}\}$ (dBm/MHz).

Note 2: EIRP (dBm/MHz) = Total Power (dBm/MHz) + Directional Gain (dBi).

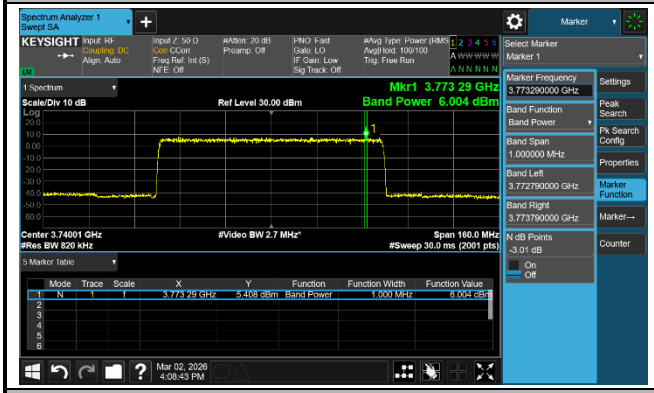
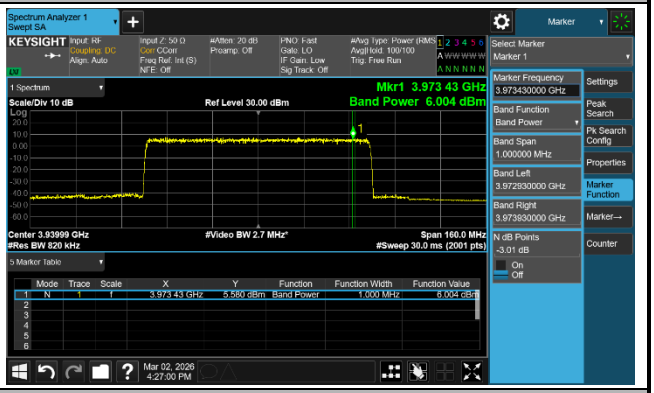
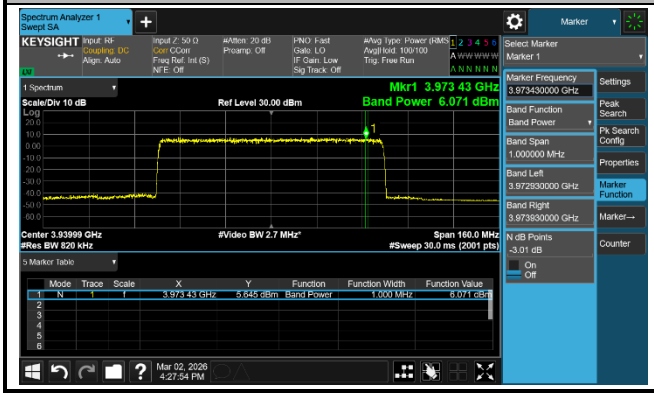
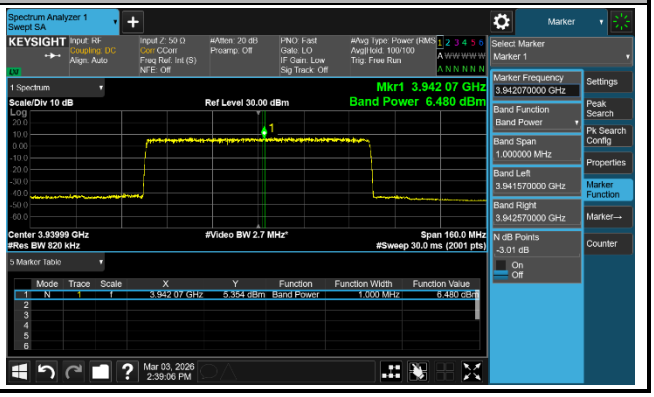
Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_80 MHz BW (CMAX-DMF4-43-WI53)

Frequency (MHz)	Output Power (dBm/MHz)				Total Power (dBm/MHz)	EIRP (dBm/MHz)	Limit (dBm/MHz)
	Ant 1	Ant 2	Ant 3	Ant 4			
QPSK							
3740.01	5.802	5.769	5.850	6.251	11.94	22.65	< 62.15
3840.00	5.300	5.288	5.314	5.875	11.47	22.18	< 62.15
3939.99	5.498	5.664	5.845	6.338	11.87	22.58	< 62.15
64QAM							
3740.01	5.951	5.821	6.044	6.322	12.06	22.77	< 62.15
3840.00	5.490	5.329	5.325	5.952	11.55	22.26	< 62.15
3939.99	5.651	5.775	5.721	6.480	11.94	22.65	< 62.15
256QAM							
3740.01	6.004	5.928	6.011	6.392	12.11	22.82	< 62.15
3840.00	5.618	5.469	5.683	6.164	11.76	22.47	< 62.15
3939.99	5.933	6.004	6.071	6.313	12.10	22.81	< 62.15

Note 1: Total Power (dBm/MHz) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 2 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 3 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 4 Power (dBm/MHz)} / 10]}\}$ (dBm/MHz).

Note 2: EIRP (dBm/MHz) = Total Power (dBm/MHz) + Directional Gain (dBi).

Worst case test plots

80 MHz Channel Bandwidth	
Ant 1	Ant 2
	
Ant 3	Ant 4
	

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_100 MHz BW (CMAX-OMF7-43-UWI53)

Frequency (MHz)	Output Power (dBm/MHz)				Total Power (dBm/MHz)	EIRP (dBm/MHz)	Limit (dBm/MHz)
	Ant 1	Ant 2	Ant 3	Ant 4			
QPSK							
3750.00	4.025	4.052	4.118	4.562	10.22	21.74	< 62.15
3840.00	3.884	4.004	3.834	4.204	10.00	21.52	< 62.15
3930.00	4.042	4.203	3.910	4.631	10.23	21.75	< 62.15
64QAM							
3750.00	4.689	4.677	4.605	4.745	10.70	22.22	< 62.15
3840.00	4.232	4.351	4.181	4.426	10.32	21.84	< 62.15
3930.00	4.332	4.579	4.494	4.917	10.61	22.13	< 62.15
256QAM							
3750.00	4.471	4.476	4.172	4.618	10.46	21.98	< 62.15
3840.00	4.184	4.224	4.024	4.368	10.22	21.74	< 62.15
3930.00	3.947	4.531	3.933	4.807	10.34	21.86	< 62.15

Note 1: Total Power (dBm/MHz) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 2 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 3 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 4 Power (dBm/MHz)} / 10]}\}$ (dBm/MHz).

Note 2: EIRP (dBm/MHz) = Total Power (dBm/MHz) + Directional Gain (dBi).

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_100 MHz BW (CMAX-OMF9-43-UWI53)

Frequency (MHz)	Output Power (dBm/MHz)				Total Power (dBm/MHz)	EIRP (dBm/MHz)	Limit (dBm/MHz)
	Ant 1	Ant 2	Ant 3	Ant 4			
QPSK							
3750.00	4.025	4.052	4.118	4.562	10.22	21.44	< 62.15
3840.00	3.884	4.004	3.834	4.204	10.00	21.22	< 62.15
3930.00	4.042	4.203	3.910	4.631	10.23	21.45	< 62.15
64QAM							
3750.00	4.689	4.677	4.605	4.745	10.70	21.92	< 62.15
3840.00	4.232	4.351	4.181	4.426	10.32	21.54	< 62.15
3930.00	4.332	4.579	4.494	4.917	10.61	21.83	< 62.15
256QAM							
3750.00	4.471	4.476	4.172	4.618	10.46	21.68	< 62.15
3840.00	4.184	4.224	4.024	4.368	10.22	21.44	< 62.15
3930.00	3.947	4.531	3.933	4.807	10.34	21.56	< 62.15

Note 1: Total Power (dBm/MHz) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 2 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 3 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 4 Power (dBm/MHz) / 10}]}\}$ (dBm/MHz).

Note 2: EIRP (dBm/MHz) = Total Power (dBm/MHz) + Directional Gain (dBi).

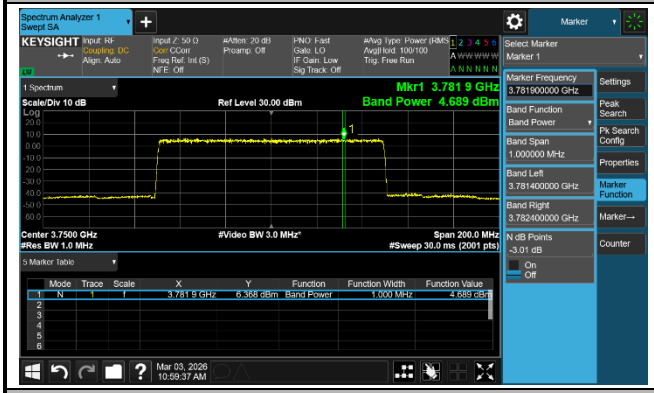
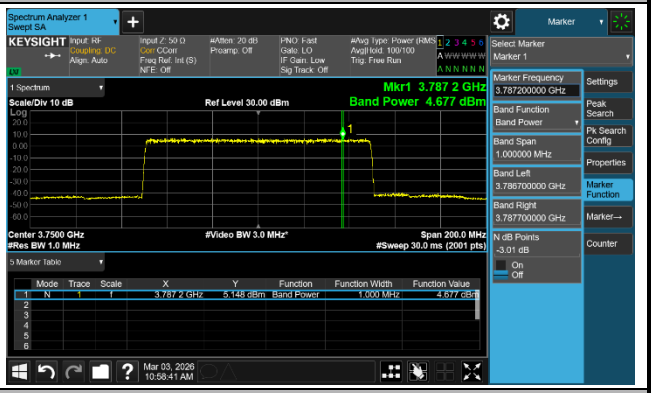
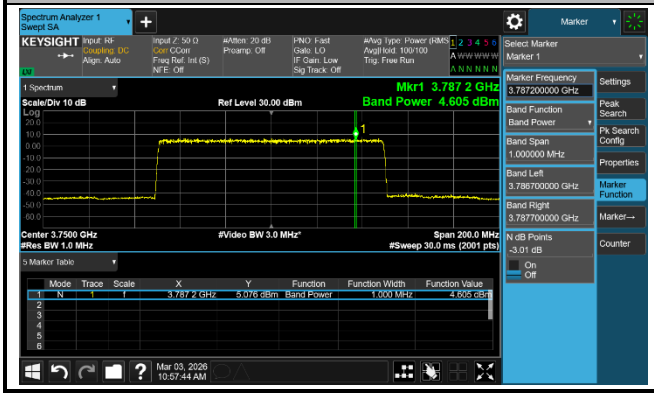
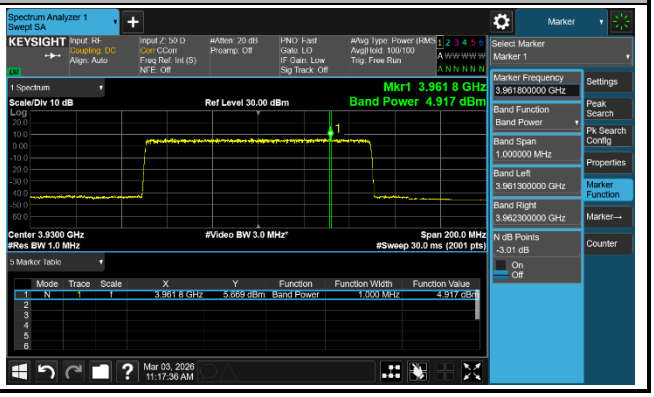
Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_100 MHz BW (CMAX-DMF4-43-WI53)

Frequency (MHz)	Output Power (dBm/MHz)				Total Power (dBm/MHz)	EIRP (dBm/MHz)	Limit (dBm/MHz)
	Ant 1	Ant 2	Ant 3	Ant 4			
QPSK							
3750.00	4.025	4.052	4.118	4.562	10.22	20.93	< 62.15
3840.00	3.884	4.004	3.834	4.204	10.00	20.71	< 62.15
3930.00	4.042	4.203	3.910	4.631	10.23	20.94	< 62.15
64QAM							
3750.00	4.689	4.677	4.605	4.745	10.70	21.41	< 62.15
3840.00	4.232	4.351	4.181	4.426	10.32	21.03	< 62.15
3930.00	4.332	4.579	4.494	4.917	10.61	21.32	< 62.15
256QAM							
3750.00	4.471	4.476	4.172	4.618	10.46	21.17	< 62.15
3840.00	4.184	4.224	4.024	4.368	10.22	20.93	< 62.15
3930.00	3.947	4.531	3.933	4.807	10.34	21.05	< 62.15

Note 1: Total Power (dBm/MHz) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 2 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 3 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 4 Power (dBm/MHz) / 10}]}\}$ (dBm/MHz).

Note 2: EIRP (dBm/MHz) = Total Power (dBm/MHz) + Directional Gain (dBi).

Worst case test plots

100 MHz Channel Bandwidth	
Ant 1	Ant 2
	
Ant 3	Ant 4
	

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_40 MHz BW (Report Only) (Internal Antenna)

Frequency (MHz)	Output Power (dBm)				Total Power (dBm)	EIRP (dBm)
	Ant 1	Ant 2	Ant 3	Ant 4		
QPSK						
3720.00	23.76	23.75	23.77	24.14	29.88	35.34
3840.00	23.67	23.67	23.82	24.25	29.88	35.34
3960.00	23.78	23.88	23.90	24.37	30.01	35.47
64QAM						
3720.00	23.84	23.77	23.83	24.16	29.92	35.38
3840.00	23.84	23.83	24.00	24.48	30.07	35.53
3960.00	23.84	23.94	24.03	24.50	30.11	35.57
256QAM						
3720.00	23.95	23.97	24.05	24.38	30.11	35.57
3840.00	23.84	23.83	23.99	24.50	30.07	35.53
3960.00	23.81	23.94	24.05	24.50	30.10	35.56

Note 1: Total Power (dBm) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 2 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 3 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 4 Power (dBm/MHz)} / 10]}\}$ (dBm/MHz).

Note 2: EIRP (dBm) = Total Power (dBm) + Directional Gain (dBi).

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_60 MHz BW (Report Only) (Internal Antenna)

Frequency (MHz)	Output Power (dBm)				Total Power (dBm)	EIRP (dBm)
	Ant 1	Ant 2	Ant 3	Ant 4		
QPSK						
3730.02	23.94	23.73	23.80	24.10	29.92	35.38
3840.00	23.65	23.61	23.77	24.10	29.81	35.27
3949.98	23.57	23.78	23.80	24.24	29.88	35.34
64QAM						
3730.02	23.86	23.78	23.92	24.16	29.95	35.41
3840.00	23.75	23.78	23.90	24.37	29.98	35.44
3949.98	23.80	23.92	23.93	24.40	30.04	35.50
256QAM						
3730.02	23.83	23.74	23.87	24.17	29.93	35.39
3840.00	23.78	23.75	23.89	24.38	29.98	35.44
3949.98	23.64	23.97	23.99	24.46	30.05	35.51

Note 1: Total Power (dBm) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 2 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 3 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 4 Power (dBm/MHz)} / 10]}\}$ (dBm/MHz).

Note 2: EIRP (dBm) = Total Power (dBm) + Directional Gain (dBi).

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_80 MHz BW (Report Only) (Internal Antenna)

Frequency (MHz)	Output Power (dBm)				Total Power (dBm)	EIRP (dBm)
	Ant 1	Ant 2	Ant 3	Ant 4		
QPSK						
3740.01	23.82	23.74	23.87	24.16	29.92	35.38
3840.00	23.72	23.73	23.89	24.34	29.95	35.41
3939.99	23.76	23.83	23.79	24.36	29.96	35.42
64QAM						
3740.01	23.86	23.75	23.86	24.08	29.91	35.37
3840.00	23.64	23.63	23.83	24.26	29.87	35.33
3939.99	23.67	23.81	23.78	24.32	29.92	35.38
256QAM						
3740.01	23.97	23.90	23.98	24.24	30.05	35.51
3840.00	23.80	23.79	23.96	24.42	30.02	35.48
3939.99	23.82	23.92	23.90	24.42	30.04	35.50

Note 1: Total Power (dBm) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 2 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 3 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 4 Power (dBm/MHz)} / 10]}\}$ (dBm/MHz).

Note 2: EIRP (dBm) = Total Power (dBm) + Directional Gain (dBi).

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_100 MHz BW (Report Only) (Internal Antenna)

Frequency (MHz)	Output Power (dBm)				Total Power (dBm)	EIRP (dBm)
	Ant 1	Ant 2	Ant 3	Ant 4		
QPSK						
3750.00	23.25	23.26	23.27	23.34	29.30	34.76
3840.00	23.11	23.34	23.19	23.44	29.29	34.75
3930.00	23.30	23.55	23.30	23.61	29.46	34.92
64QAM						
3750.00	23.33	23.28	23.39	23.43	29.38	34.84
3840.00	23.40	23.57	23.40	23.65	29.53	34.99
3930.00	23.44	23.63	23.21	23.71	29.52	34.98
256QAM						
3750.00	23.29	23.21	23.28	23.39	29.31	34.77
3840.00	23.50	23.56	23.35	23.69	29.55	35.01
3930.00	23.47	23.64	23.34	23.70	29.56	35.02

Note 1: Total Power (dBm) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 2 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 3 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 4 Power (dBm/MHz)} / 10]}\}$ (dBm/MHz).

Note 2: EIRP (dBm) = Total Power (dBm) + Directional Gain (dBi).

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_40 MHz BW (Report Only) (CMAX-OMF7-43-UWI53)

Frequency (MHz)	Output Power (dBm)				Total Power (dBm)	EIRP (dBm)
	Ant 1	Ant 2	Ant 3	Ant 4		
QPSK						
3720.00	23.76	23.75	23.77	24.14	29.88	41.40
3840.00	23.67	23.67	23.82	24.25	29.88	41.40
3960.00	23.78	23.88	23.90	24.37	30.01	41.53
64QAM						
3720.00	23.84	23.77	23.83	24.16	29.92	41.44
3840.00	23.84	23.83	24.00	24.48	30.07	41.59
3960.00	23.84	23.94	24.03	24.50	30.11	41.63
256QAM						
3720.00	23.95	23.97	24.05	24.38	30.11	41.63
3840.00	23.84	23.83	23.99	24.50	30.07	41.59
3960.00	23.81	23.94	24.05	24.5	30.10	41.62

Note 1: Total Power (dBm) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 2 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 3 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 4 Power (dBm/MHz)} / 10]}\}$ (dBm/MHz).

Note 2: EIRP (dBm) = Total Power (dBm) + Directional Gain (dBi).

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_60 MHz BW (Report Only) (CMAX-OMF7-43-UWI53)

Frequency (MHz)	Output Power (dBm)				Total Power (dBm)	EIRP (dBm)
	Ant 1	Ant 2	Ant 3	Ant 4		
QPSK						
3730.02	23.94	23.73	23.80	24.10	29.92	41.44
3840.00	23.65	23.61	23.77	24.10	29.81	41.33
3949.98	23.57	23.78	23.80	24.24	29.88	41.40
64QAM						
3730.02	23.86	23.78	23.92	24.16	29.95	41.47
3840.00	23.75	23.78	23.90	24.37	29.98	41.50
3949.98	23.80	23.92	23.93	24.40	30.04	41.56
256QAM						
3730.02	23.83	23.74	23.87	24.17	29.93	41.45
3840.00	23.78	23.75	23.89	24.38	29.98	41.50
3949.98	23.64	23.97	23.99	24.46	30.05	41.57

Note 1: Total Power (dBm) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 2 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 3 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 4 Power (dBm/MHz)} / 10]}\}$ (dBm/MHz).

Note 2: EIRP (dBm) = Total Power (dBm) + Directional Gain (dBi).

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_80 MHz BW (Report Only) (CMAX-OMF7-43-UWI53)

Frequency (MHz)	Output Power (dBm)				Total Power (dBm)	EIRP (dBm)
	Ant 1	Ant 2	Ant 3	Ant 4		
QPSK						
3740.01	23.82	23.74	23.87	24.16	29.92	41.44
3840.00	23.72	23.73	23.89	24.34	29.95	41.47
3939.99	23.76	23.83	23.79	24.36	29.96	41.48
64QAM						
3740.01	23.86	23.75	23.86	24.08	29.91	41.43
3840.00	23.64	23.63	23.83	24.26	29.87	41.39
3939.99	23.67	23.81	23.78	24.32	29.92	41.44
256QAM						
3740.01	23.97	23.90	23.98	24.24	30.05	41.57
3840.00	23.80	23.79	23.96	24.42	30.02	41.54
3939.99	23.82	23.92	23.90	24.42	30.04	41.56

Note 1: Total Power (dBm) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 2 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 3 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 4 Power (dBm/MHz)} / 10]}\}$ (dBm/MHz).

Note 2: EIRP (dBm) = Total Power (dBm) + Directional Gain (dBi).

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_100 MHz BW (Report Only) (CMAX-OMF7-43-UWI53)

Frequency (MHz)	Output Power (dBm)				Total Power (dBm)	EIRP (dBm)
	Ant 1	Ant 2	Ant 3	Ant 4		
QPSK						
3750.00	23.25	23.26	23.27	23.34	29.30	40.82
3840.00	23.11	23.34	23.19	23.44	29.29	40.81
3930.00	23.30	23.55	23.30	23.61	29.46	40.98
64QAM						
3750.00	23.33	23.28	23.39	23.43	29.38	40.90
3840.00	23.40	23.57	23.40	23.65	29.53	41.05
3930.00	23.44	23.63	23.21	23.71	29.52	41.04
256QAM						
3750.00	23.29	23.21	23.28	23.39	29.31	40.83
3840.00	23.50	23.56	23.35	23.69	29.55	41.07
3930.00	23.47	23.64	23.34	23.70	29.56	41.08

Note 1: Total Power (dBm) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 2 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 3 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 4 Power (dBm/MHz)} / 10]}\}$ (dBm/MHz).

Note 2: EIRP (dBm) = Total Power (dBm) + Directional Gain (dBi).

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_40 MHz BW (Report Only) (CMAX-OMF9-43-UWI53)

Frequency (MHz)	Output Power (dBm)				Total Power (dBm)	EIRP (dBm)
	Ant 1	Ant 2	Ant 3	Ant 4		
QPSK						
3720.00	23.76	23.75	23.77	24.14	29.88	41.10
3840.00	23.67	23.67	23.82	24.25	29.88	41.10
3960.00	23.78	23.88	23.90	24.37	30.01	41.23
64QAM						
3720.00	23.84	23.77	23.83	24.16	29.92	41.14
3840.00	23.84	23.83	24.00	24.48	30.07	41.29
3960.00	23.84	23.94	24.03	24.50	30.11	41.33
256QAM						
3720.00	23.95	23.97	24.05	24.38	30.11	41.33
3840.00	23.84	23.83	23.99	24.50	30.07	41.29
3960.00	23.81	23.94	24.05	24.50	30.10	41.32

Note 1: Total Power (dBm) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 2 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 3 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 4 Power (dBm/MHz)} / 10]}\}$ (dBm/MHz).

Note 2: EIRP (dBm) = Total Power (dBm) + Directional Gain (dBi).

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_60 MHz BW (Report Only) (CMAX-OMF9-43-UWI53)

Frequency (MHz)	Output Power (dBm)				Total Power (dBm)	EIRP (dBm)
	Ant 1	Ant 2	Ant 3	Ant 4		
QPSK						
3730.02	23.94	23.73	23.80	24.10	29.92	41.14
3840.00	23.65	23.61	23.77	24.10	29.81	41.03
3949.98	23.57	23.78	23.80	24.24	29.88	41.10
64QAM						
3730.02	23.86	23.78	23.92	24.16	29.95	41.17
3840.00	23.75	23.78	23.90	24.37	29.98	41.20
3949.98	23.80	23.92	23.93	24.40	30.04	41.26
256QAM						
3730.02	23.83	23.74	23.87	24.17	29.93	41.15
3840.00	23.78	23.75	23.89	24.38	29.98	41.20
3949.98	23.64	23.97	23.99	24.46	30.05	41.27

Note 1: Total Power (dBm) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 2 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 3 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 4 Power (dBm/MHz)} / 10]}\}$ (dBm/MHz).

Note 2: EIRP (dBm) = Total Power (dBm) + Directional Gain (dBi).

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_80 MHz BW (Report Only) (CMAX-OMF9-43-UWI53)

Frequency (MHz)	Output Power (dBm)				Total Power (dBm)	EIRP (dBm)
	Ant 1	Ant 2	Ant 3	Ant 4		
QPSK						
3740.01	23.82	23.74	23.87	24.16	29.92	41.14
3840.00	23.72	23.73	23.89	24.34	29.95	41.17
3939.99	23.76	23.83	23.79	24.36	29.96	41.18
64QAM						
3740.01	23.86	23.75	23.86	24.08	29.91	41.13
3840.00	23.64	23.63	23.83	24.26	29.87	41.09
3939.99	23.67	23.81	23.78	24.32	29.92	41.14
256QAM						
3740.01	23.97	23.90	23.98	24.24	30.05	41.27
3840.00	23.80	23.79	23.96	24.42	30.02	41.24
3939.99	23.82	23.92	23.90	24.42	30.04	41.26

Note 1: Total Power (dBm) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 2 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 3 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 4 Power (dBm/MHz)} / 10]}\}$ (dBm/MHz).

Note 2: EIRP (dBm) = Total Power (dBm) + Directional Gain (dBi).

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_100 MHz BW (Report Only) (CMAX-OMF9-43-UWI53)

Frequency (MHz)	Output Power (dBm)				Total Power (dBm)	EIRP (dBm)
	Ant 1	Ant 2	Ant 3	Ant 4		
QPSK						
3750.00	23.25	23.26	23.27	23.34	29.30	40.52
3840.00	23.11	23.34	23.19	23.44	29.29	40.51
3930.00	23.30	23.55	23.30	23.61	29.46	40.68
64QAM						
3750.00	23.33	23.28	23.39	23.43	29.38	40.60
3840.00	23.40	23.57	23.40	23.65	29.53	40.75
3930.00	23.44	23.63	23.21	23.71	29.52	40.74
256QAM						
3750.00	23.29	23.21	23.28	23.39	29.31	40.53
3840.00	23.50	23.56	23.35	23.69	29.55	40.77
3930.00	23.47	23.64	23.34	23.70	29.56	40.78

Note 1: Total Power (dBm) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 2 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 3 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 4 Power (dBm/MHz)} / 10]}\}$ (dBm/MHz).

Note 2: EIRP (dBm) = Total Power (dBm) + Directional Gain (dBi).

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_40 MHz BW (Report Only) (CMAX-DMF4-43-WI53)

Frequency (MHz)	Output Power (dBm)				Total Power (dBm)	EIRP (dBm)
	Ant 1	Ant 2	Ant 3	Ant 4		
QPSK						
3720.00	23.76	23.75	23.77	24.14	29.88	40.59
3840.00	23.67	23.67	23.82	24.25	29.88	40.59
3960.00	23.78	23.88	23.90	24.37	30.01	40.72
64QAM						
3720.00	23.84	23.77	23.83	24.16	29.92	40.63
3840.00	23.84	23.83	24.00	24.48	30.07	40.78
3960.00	23.84	23.94	24.03	24.50	30.11	40.82
256QAM						
3720.00	23.95	23.97	24.05	24.38	30.11	40.82
3840.00	23.84	23.83	23.99	24.50	30.07	40.78
3960.00	23.81	23.94	24.05	24.50	30.10	40.81

Note 1: Total Power (dBm) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 2 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 3 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 4 Power (dBm/MHz)} / 10]}\}$ (dBm/MHz).

Note 2: EIRP (dBm) = Total Power (dBm) + Directional Gain (dBi).

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_60 MHz BW (Report Only) (CMAX-DMF4-43-WI53)

Frequency (MHz)	Output Power (dBm)				Total Power (dBm)	EIRP (dBm)
	Ant 1	Ant 2	Ant 3	Ant 4		
QPSK						
3730.02	23.94	23.73	23.80	24.10	29.92	40.63
3840.00	23.65	23.61	23.77	24.10	29.81	40.52
3949.98	23.57	23.78	23.80	24.24	29.88	40.59
64QAM						
3730.02	23.86	23.78	23.92	24.16	29.95	40.66
3840.00	23.75	23.78	23.90	24.37	29.98	40.69
3949.98	23.80	23.92	23.93	24.40	30.04	40.75
256QAM						
3730.02	23.83	23.74	23.87	24.17	29.93	40.64
3840.00	23.78	23.75	23.89	24.38	29.98	40.69
3949.98	23.64	23.97	23.99	24.46	30.05	40.76

Note 1: Total Power (dBm) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 2 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 3 Power (dBm/MHz) / 10}]} + 10^{[\text{Ant 4 Power (dBm/MHz) / 10}]}\}$ (dBm/MHz).

Note 2: EIRP (dBm) = Total Power (dBm) + Directional Gain (dBi).

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_80 MHz BW (Report Only) (CMAX-DMF4-43-WI53)

Frequency (MHz)	Output Power (dBm)				Total Power (dBm)	EIRP (dBm)
	Ant 1	Ant 2	Ant 3	Ant 4		
QPSK						
3740.01	23.82	23.74	23.87	24.16	29.92	40.63
3840.00	23.72	23.73	23.89	24.34	29.95	40.66
3939.99	23.76	23.83	23.79	24.36	29.96	40.67
64QAM						
3740.01	23.86	23.75	23.86	24.08	29.91	40.62
3840.00	23.64	23.63	23.83	24.26	29.87	40.58
3939.99	23.67	23.81	23.78	24.32	29.92	40.63
256QAM						
3740.01	23.97	23.90	23.98	24.24	30.05	40.76
3840.00	23.80	23.79	23.96	24.42	30.02	40.73
3939.99	23.82	23.92	23.90	24.42	30.04	40.75

Note 1: Total Power (dBm) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 2 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 3 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 4 Power (dBm/MHz)} / 10]}\}$ (dBm/MHz).

Note 2: EIRP (dBm) = Total Power (dBm) + Directional Gain (dBi).

Test Site	WJ-SR10	Test Engineer	Jone Zhang
Test Date	2026-03-02 ~ 2026-03-03	Test Configuration	n77_100 MHz BW (Report Only) (CMAX-DMF4-43-WI53)

Frequency (MHz)	Output Power (dBm)				Total Power (dBm)	EIRP (dBm)
	Ant 1	Ant 2	Ant 3	Ant 4		
QPSK						
3750.00	23.25	23.26	23.27	23.34	29.30	40.01
3840.00	23.11	23.34	23.19	23.44	29.29	40.00
3930.00	23.30	23.55	23.30	23.61	29.46	40.17
64QAM						
3750.00	23.33	23.28	23.39	23.43	29.38	40.09
3840.00	23.40	23.57	23.40	23.65	29.53	40.24
3930.00	23.44	23.63	23.21	23.71	29.52	40.23
256QAM						
3750.00	23.29	23.21	23.28	23.39	29.31	40.02
3840.00	23.50	23.56	23.35	23.69	29.55	40.26
3930.00	23.47	23.64	23.34	23.70	29.56	40.27

Note 1: Total Power (dBm) = $10 \times \log\{10^{[\text{Ant 1 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 2 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 3 Power (dBm/MHz)} / 10]} + 10^{[\text{Ant 4 Power (dBm/MHz)} / 10]}\}$ (dBm/MHz).

Note 2: EIRP (dBm) = Total Power (dBm) + Directional Gain (dBi).