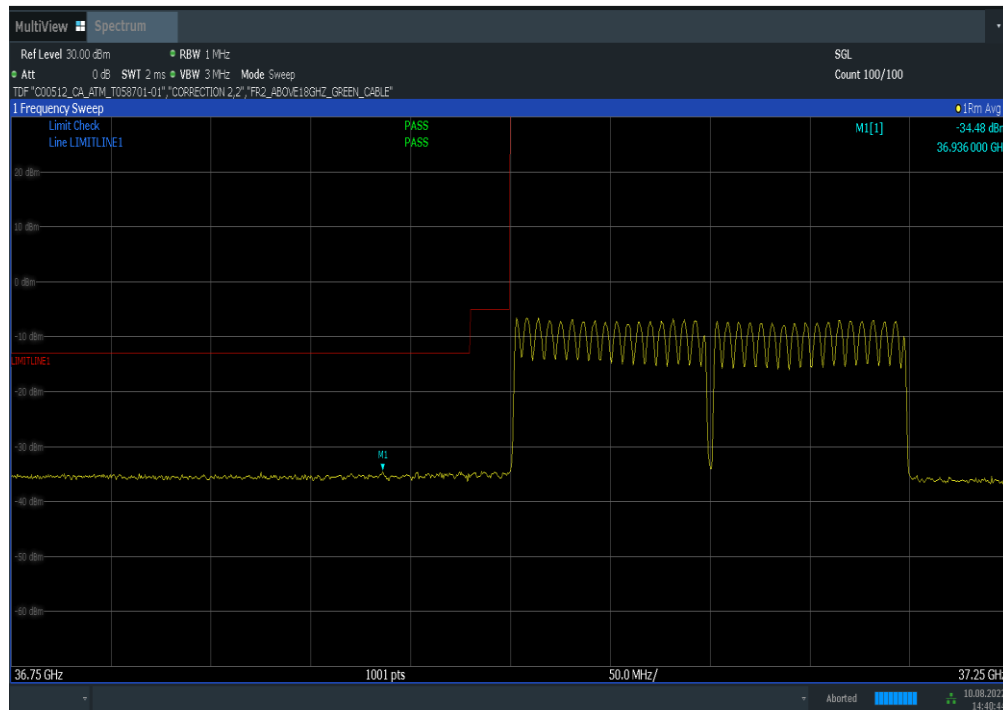
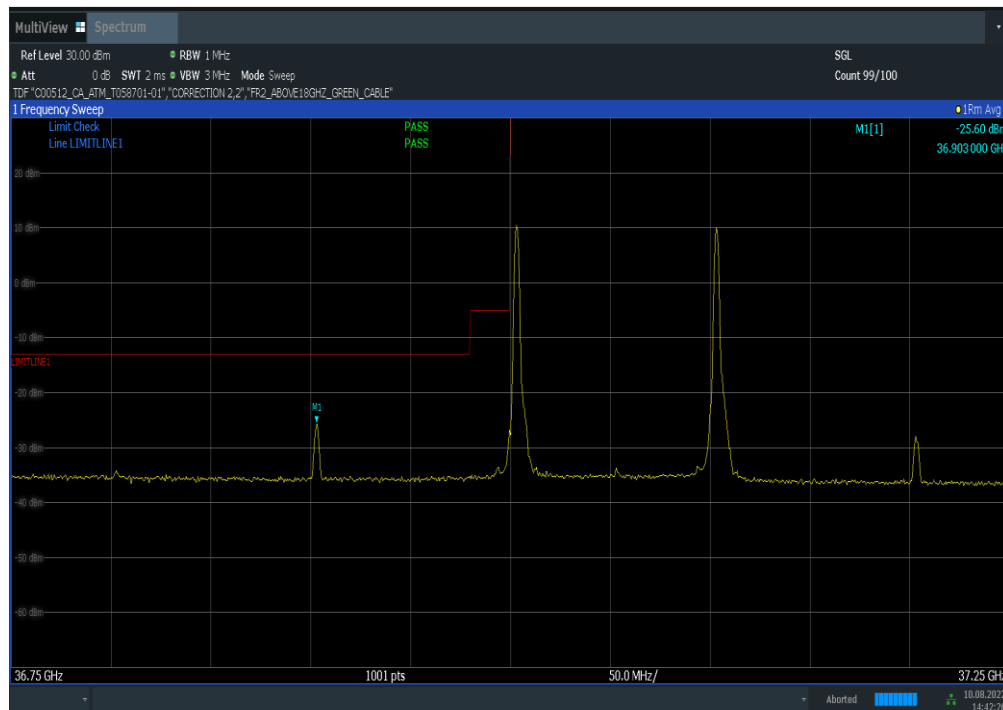


# ACLAResults



Plot 7-1669. Ant M3 Lower Band Edge (Band n260 100MHz-2CC MIMO CP-OFDM – QPSK Full RB)

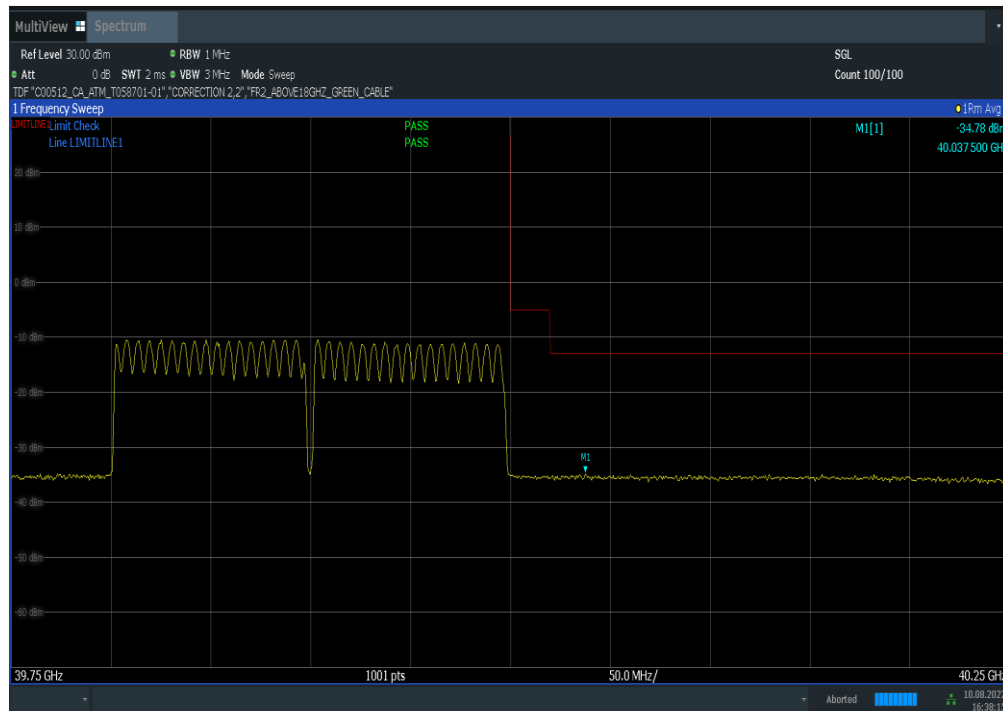
# ACLAResults



Plot 7-1670. Ant M3 Lower Band Edge (Band n260 100MHz-2CC MIMO CP-OFDM – QPSK 1RB)

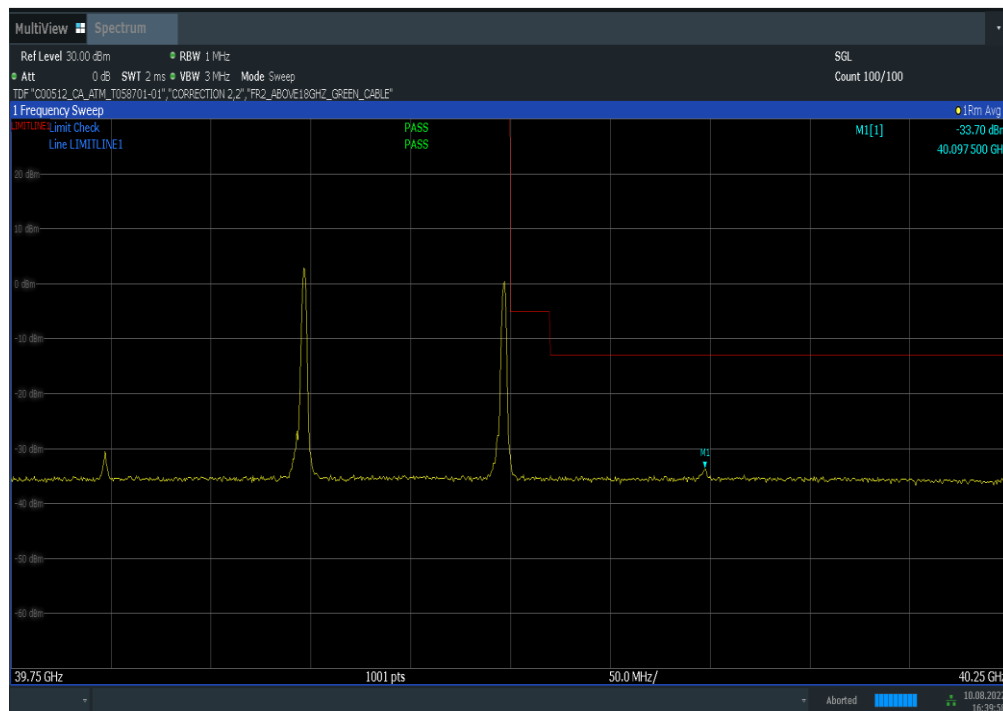
FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 915 of 999

# ACLR Results



Plot 7-1671. Ant M3 Upper Band Edge (Band n260 100MHz-2CC MIMO CP-OFDM – QPSK Full RB)

# ACLR Results



Plot 7-1672. Ant M3 Upper Band Edge (Band n260 100MHz-2CC MIMO CP-OFDM – QPSK 1RB)

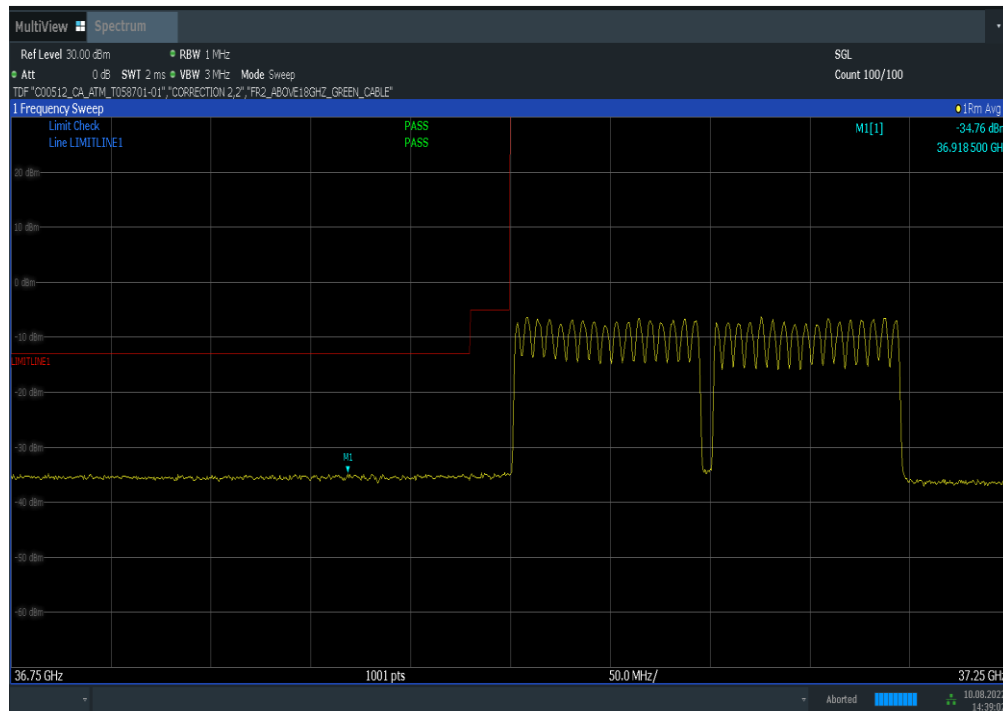
FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 916 of 999

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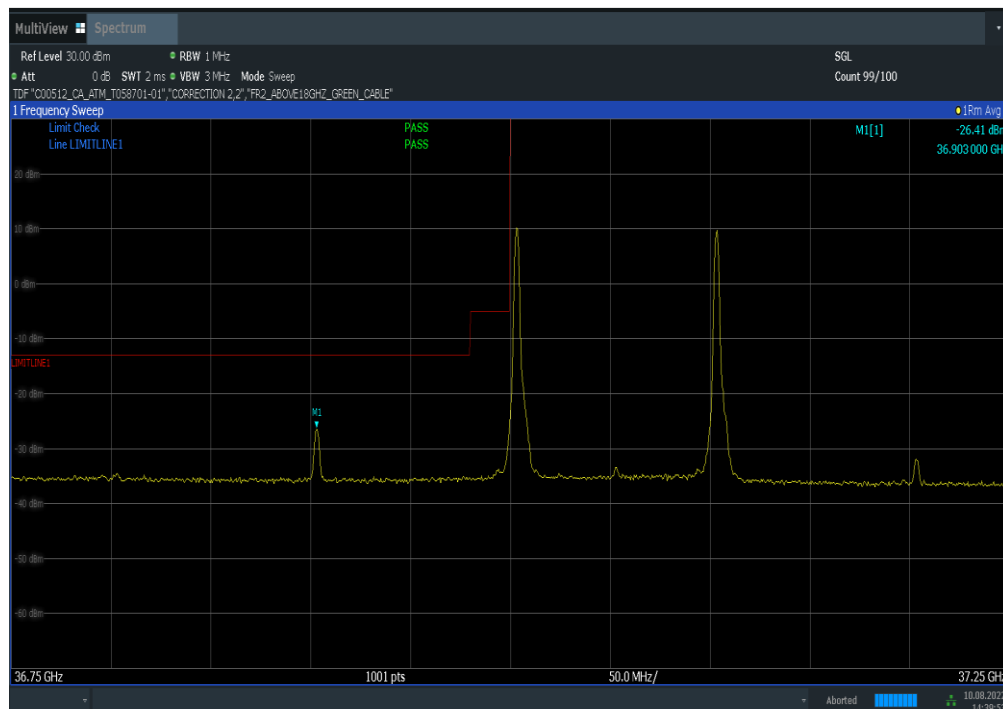
V2.0 5/30/2022

# ACLAResults



Plot 7-1673. Ant M3 Lower Band Edge (Band n260 100MHz-2CC SISO Dual Pol DFTs-OFDM –  $\pi/2$  BPSK Full RB)

# ACLAResults



Plot 7-1674. Ant M3 Lower Band Edge (Band n260 100MHz-2CC SISO Dual Pol DFTs-OFDM –  $\pi/2$  BPSK 1RB)

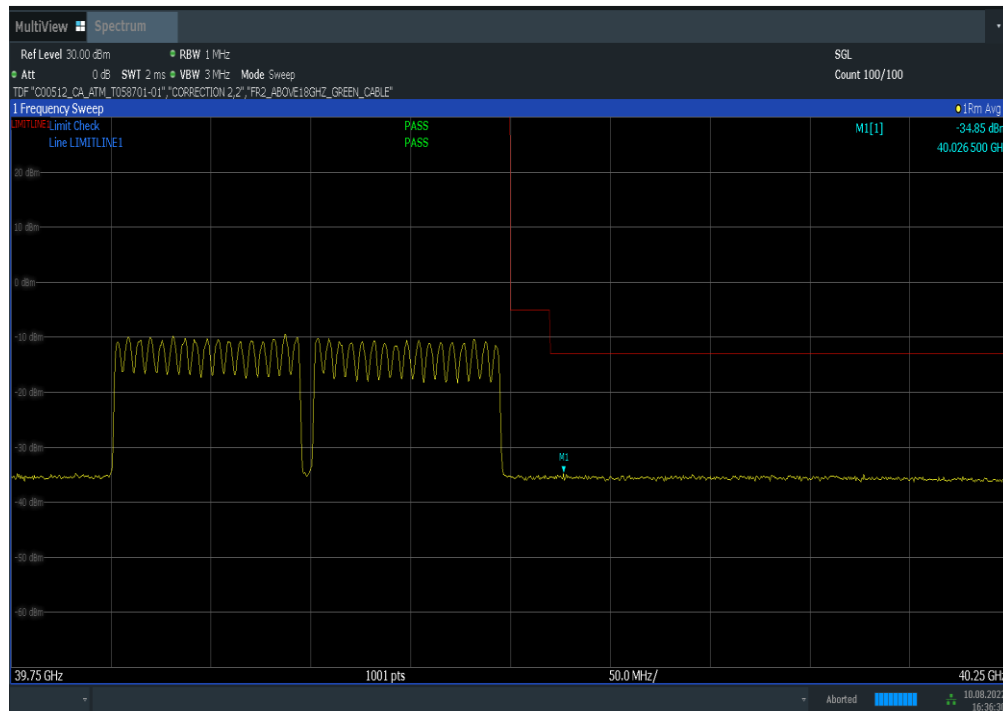
FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 917 of 999

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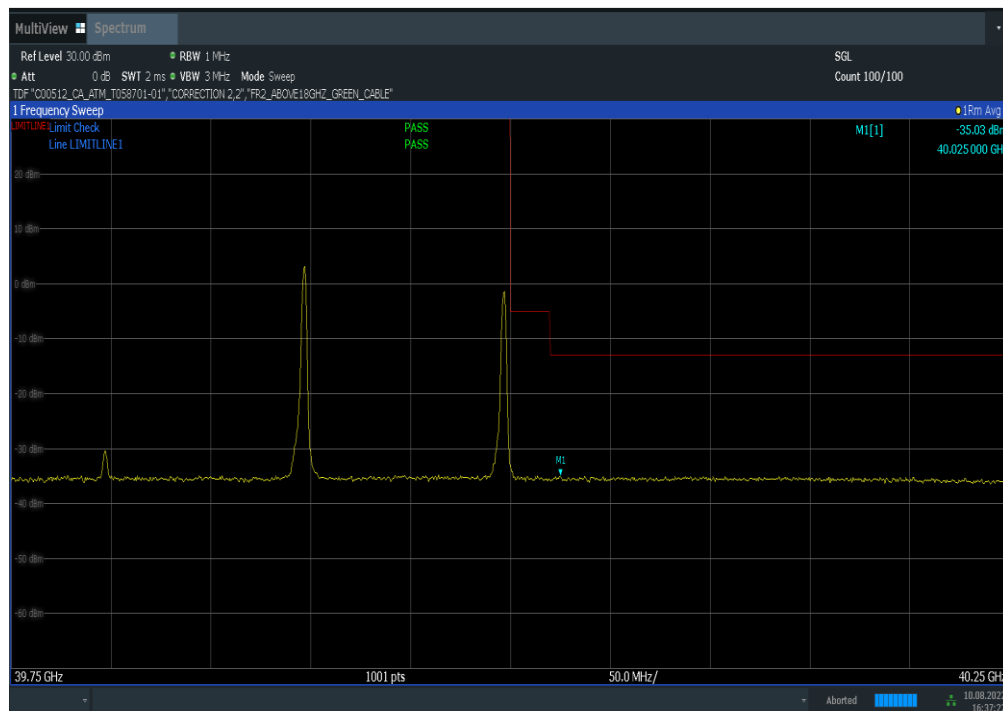
V2.0 5/30/2022

# ACLAResults



Plot 7-1675. Ant M3 Upper Band Edge (Band n260 100MHz-2CC SISO Dual Pol DFTs-OFDM –  $\pi/2$  BPSK Full RB)

# ACLAResults



Plot 7-1676. Ant M3 Upper Band Edge (Band n260 100MHz-2CC SISO Dual Pol DFTs-OFDM –  $\pi/2$  BPSK 1RB)

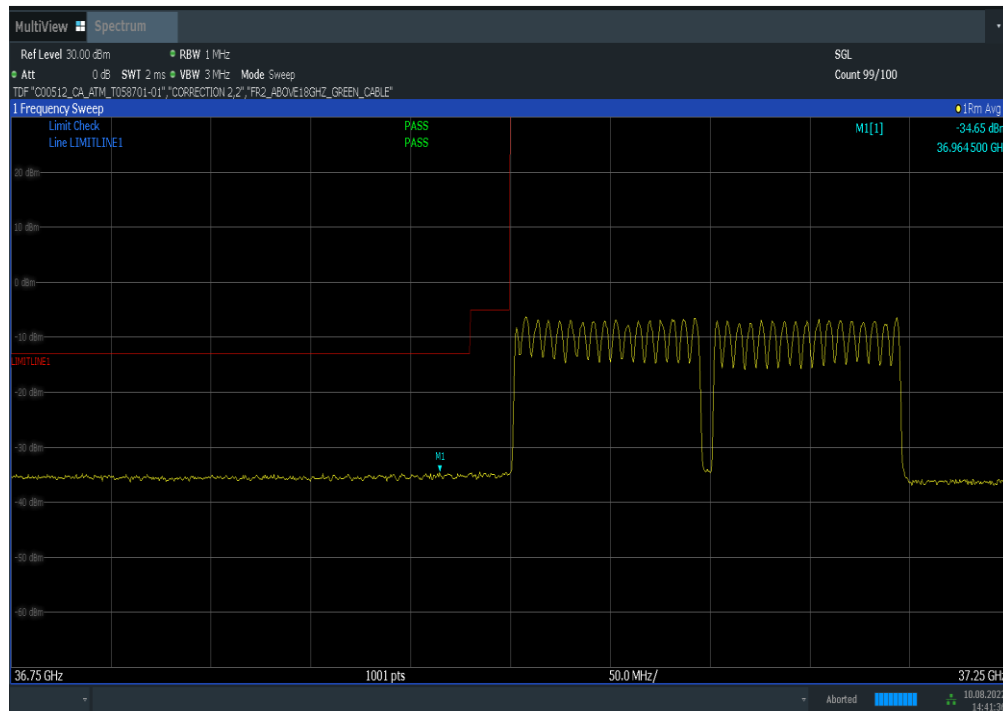
FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 918 of 999

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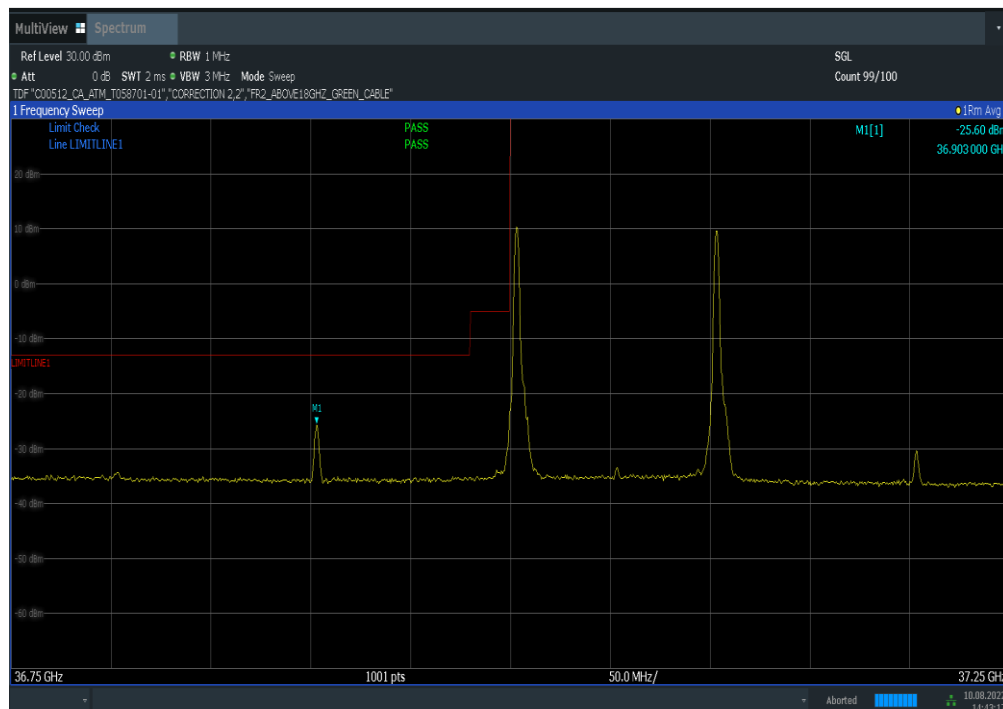
V2.0 5/30/2022

# ACLRResults



Plot 7-1677. Ant M3 Lower Band Edge (Band n260 100MHz-2CC SISO Dual Pol DFTs-OFDM – QPSK Full RB)

# ACLRResults



Plot 7-1678. Ant M3 Lower Band Edge (Band n260 100MHz-2CC SISO Dual Pol DFTs-OFDM – QPSK 1RB)

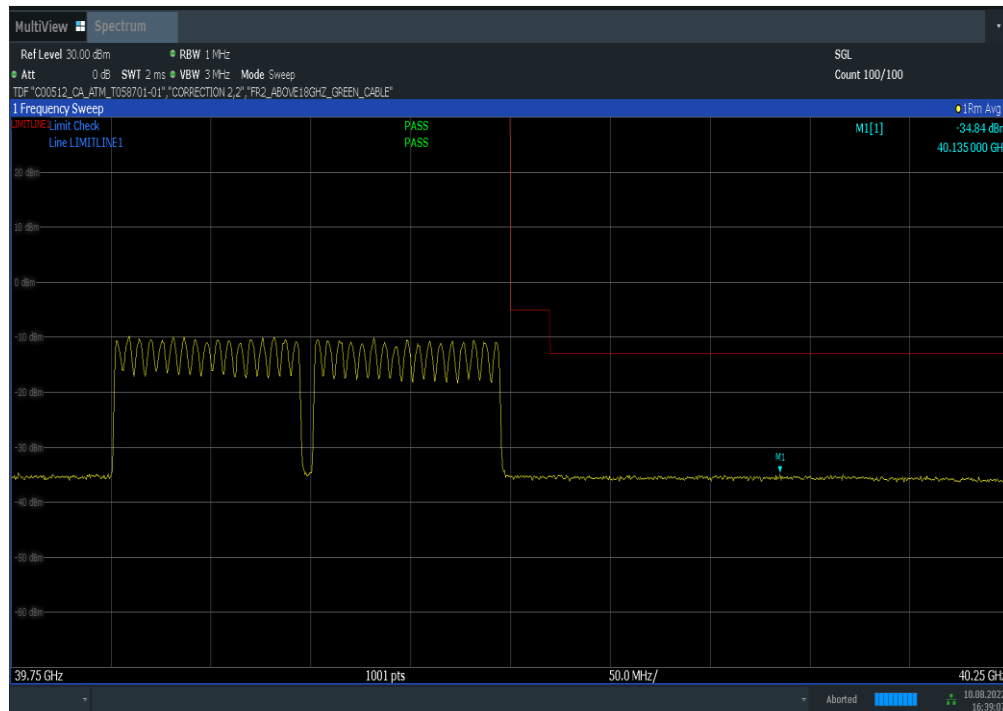
FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 919 of 999

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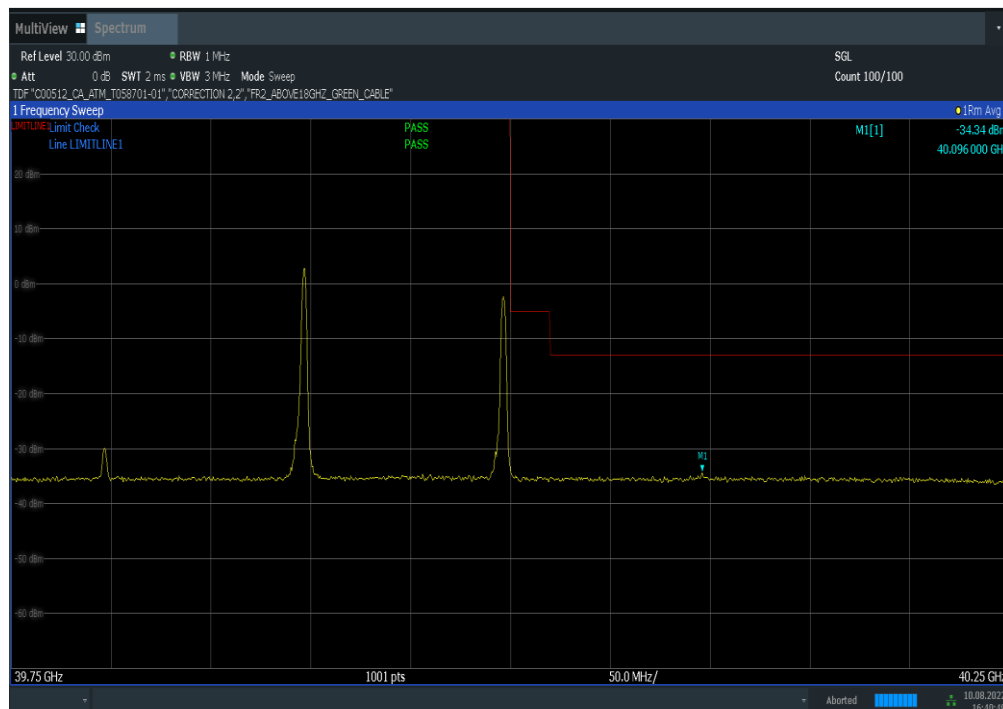
V2.0 5/30/2022

# ACLRResults



Plot 7-1679. Ant M3 Upper Band Edge (Band n260 100MHz-2CC SISO Dual Pol DFTs-OFDM – QPSK Full RB)

# ACLRResults



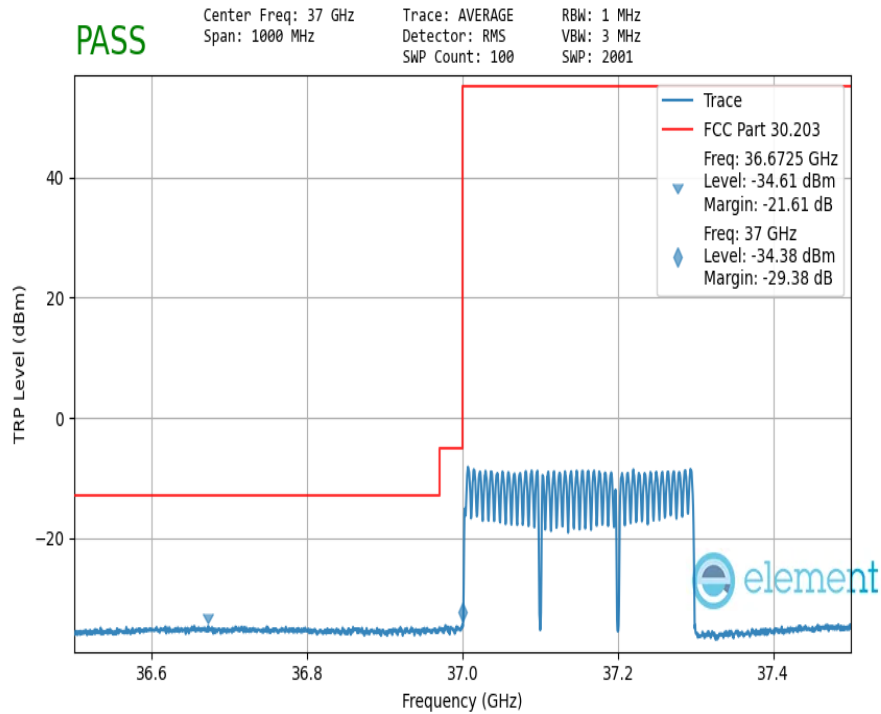
Plot 7-1680. Ant M3 Upper Band Edge (Band n260 100MHz-2CC SISO Dual Pol DFTs-OFDM – QPSK 1RB)

FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 920 of 999

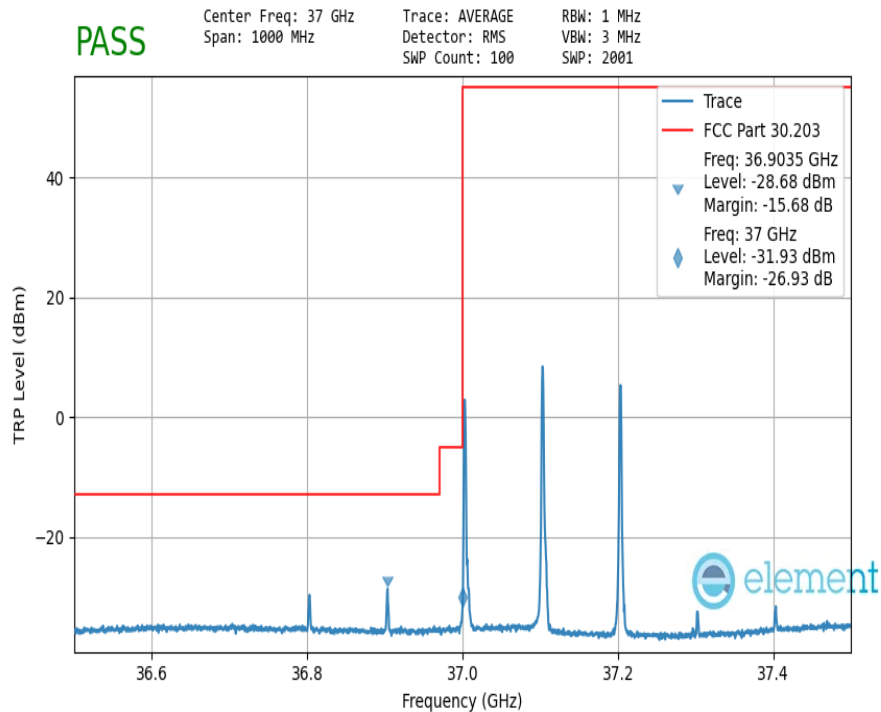
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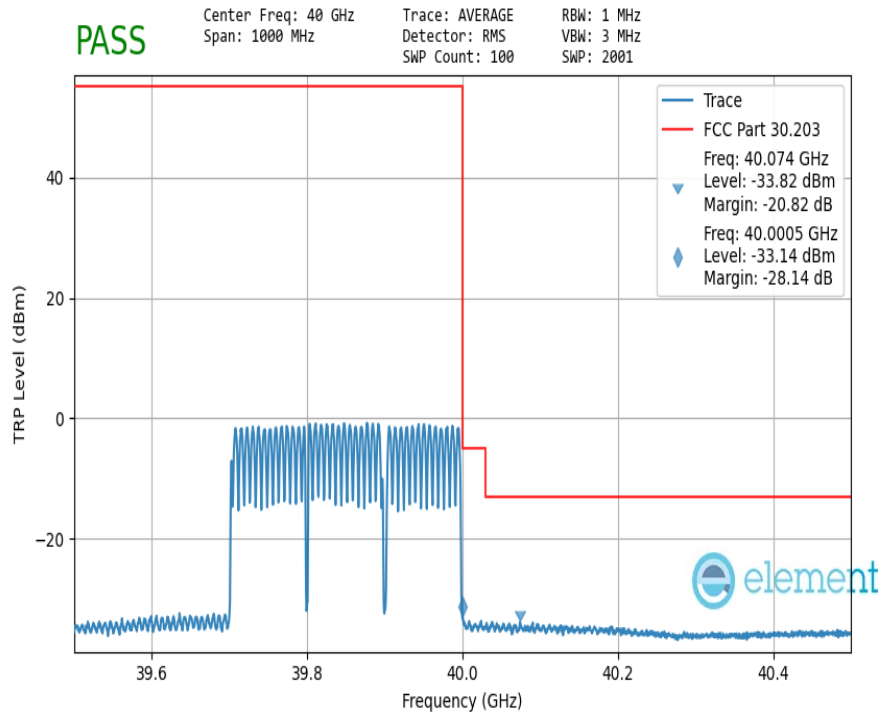


Plot 7-1681. Ant M3 Lower Band Edge (Band n260 100MHz-3CC MIMO CP-OFDM – QPSK Full RB)

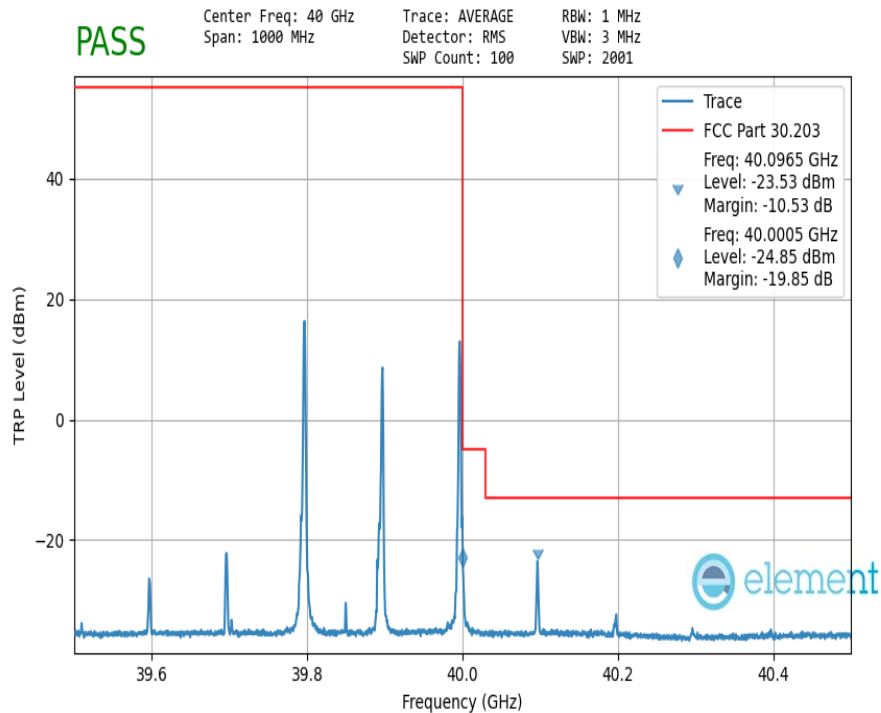


Plot 7-1682. Ant M3 Lower Band Edge (Band n260 100MHz-3CC MIMO CP-OFDM – QPSK 1RB)

FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 921 of 999



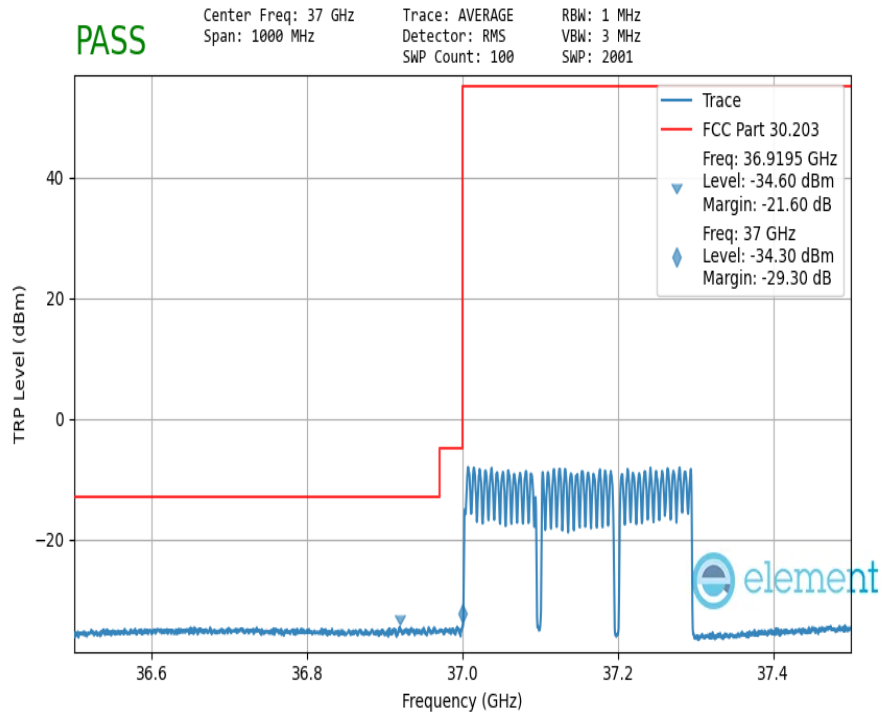
**Plot 7-1683. Ant M3 Upper Band Edge (Band n260 100MHz-3CC MIMO CP-OFDM – QPSK Full RB)**



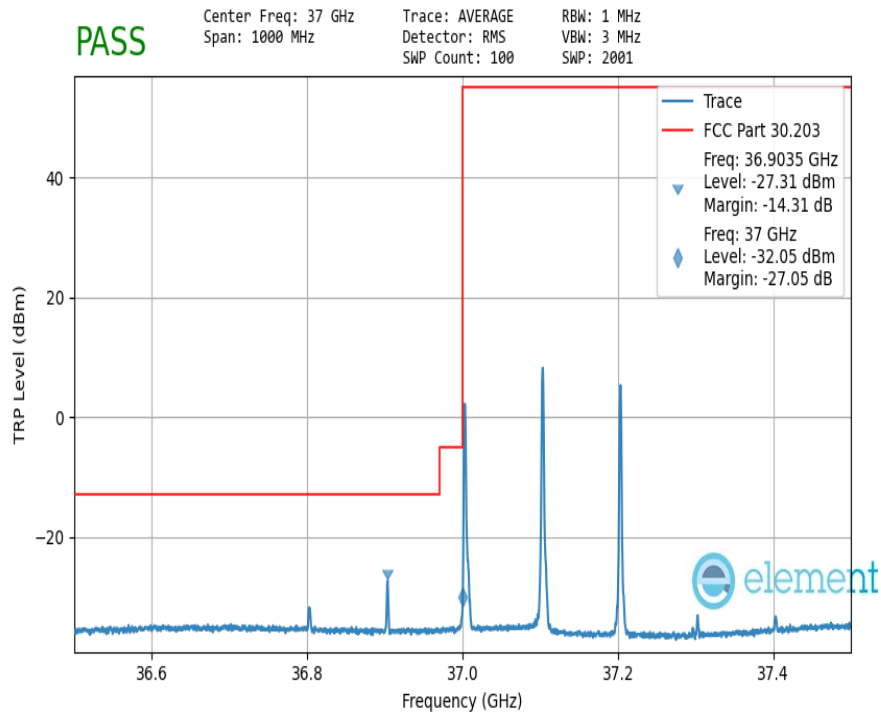
**Plot 7-1684. Ant M3 Upper Band Edge (Band n260 100MHz-3CC MIMO CP-OFDM – QPSK 1RB)**

FCC ID: BCGA2764		<b>PART 30 MEASUREMENT REPORT (CERTIFICATION)</b>	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 922 of 999



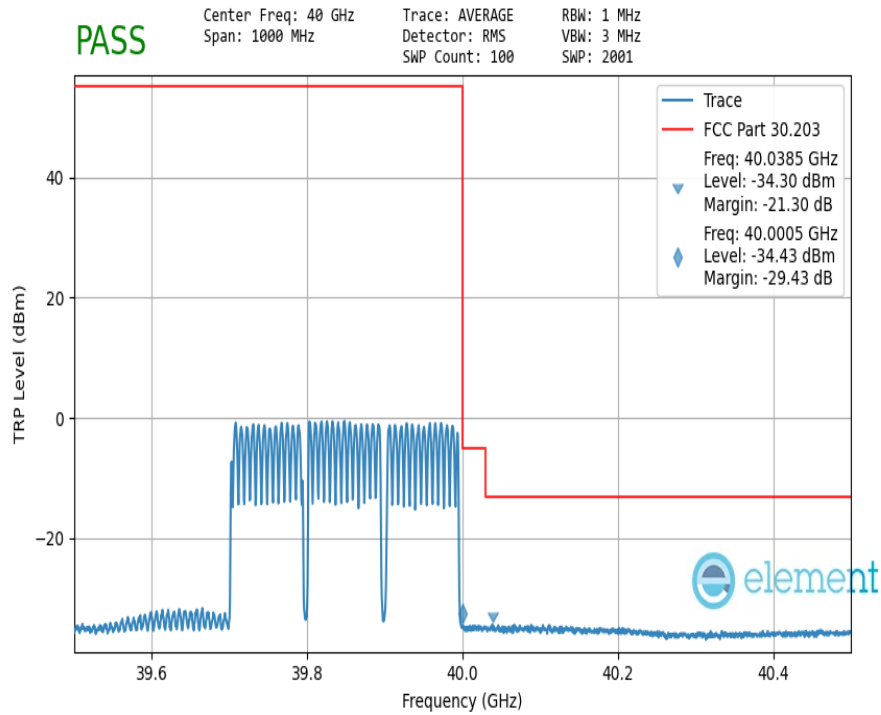


**Plot 7-1685. Ant M3 Lower Band Edge (Band n260 100MHz-3CC SISO Dual Pol DFTs-OFDM –  $\pi/2$  BPSK Full RB)**

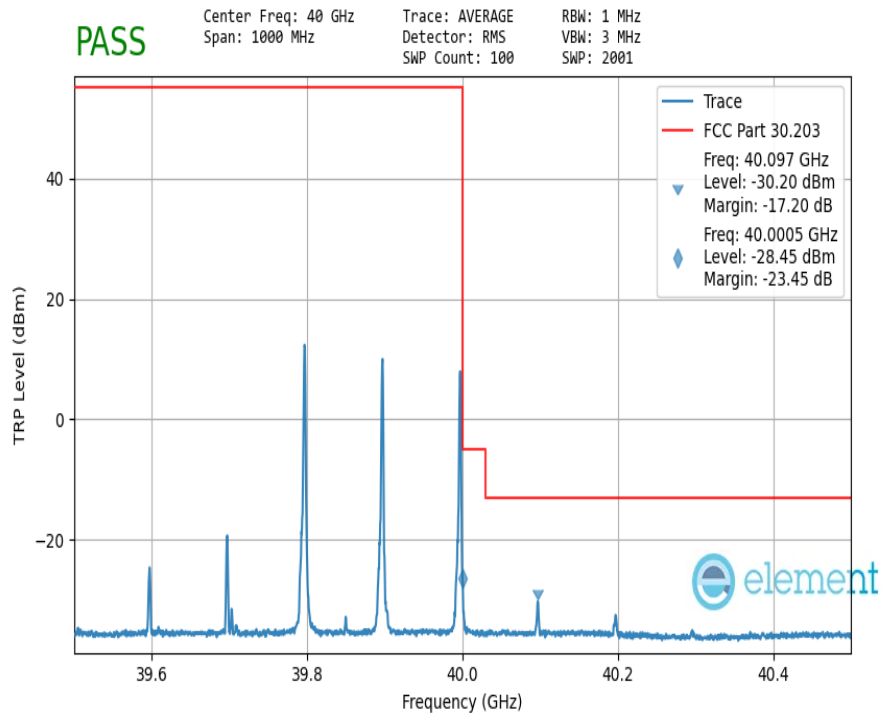


**Plot 7-1686. Ant M3 Lower Band Edge (Band n260 100MHz-3CC SISO Dual Pol DFTs-OFDM –  $\pi/2$  BPSK 1RB)**

FCC ID: BCGA2764		<b>PART 30 MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2205090028-06-R1.BCG	<b>Test Dates:</b> 5/30/2022 – 9/24/2022	<b>EUT Type:</b> Tablet Device	Page 923 of 999

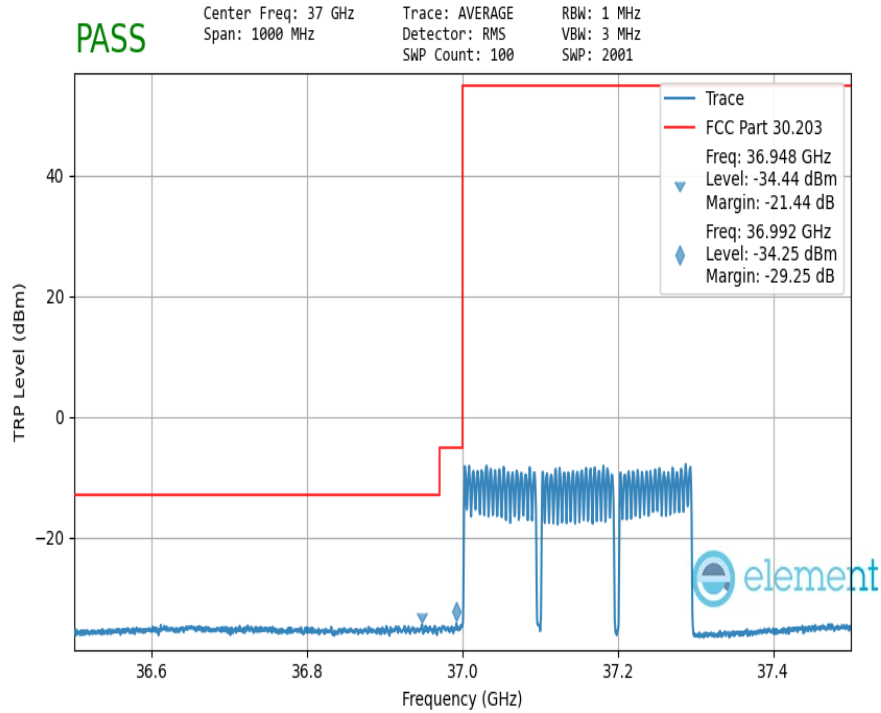


**Plot 7-1687. Ant M3 Upper Band Edge (Band n260 100MHz-3CC SISO Dual Pol DFTs-OFDM –  $\pi/2$  BPSK Full RB)**

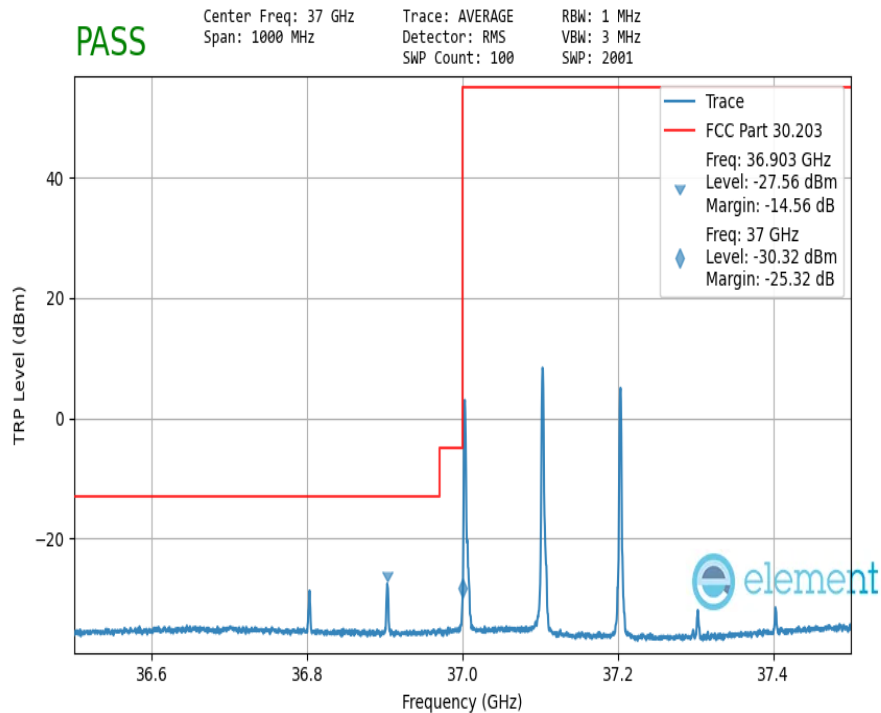


**Plot 7-1688. Ant M3 Upper Band Edge (Band n260 100MHz-3CC SISO Dual Pol DFTs-OFDM –  $\pi/2$  BPSK 1RB)**

FCC ID: BCGA2764		<b>PART 30 MEASUREMENT REPORT (CERTIFICATION)</b>	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 924 of 999

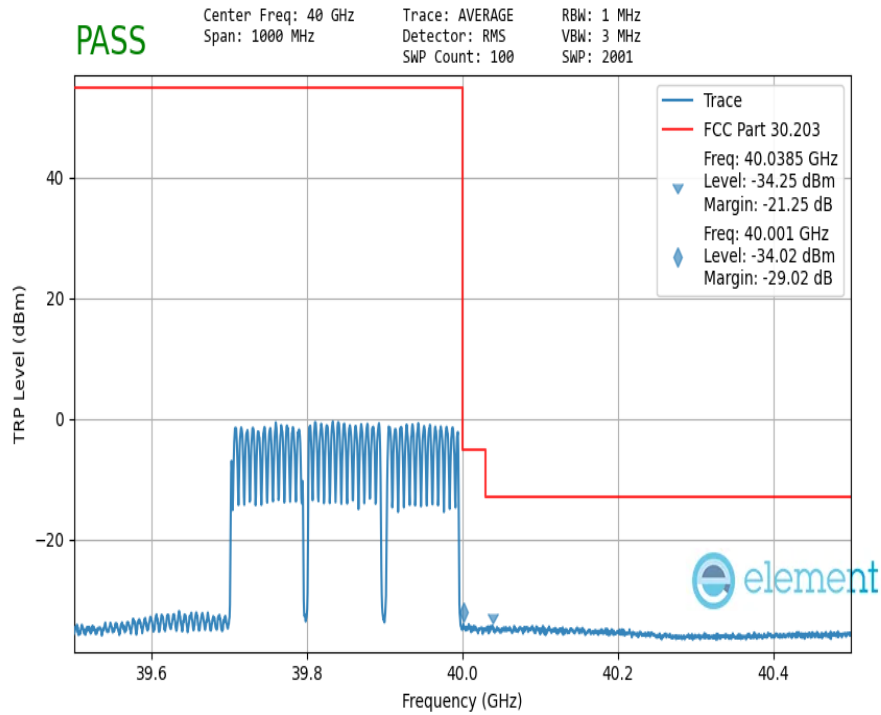


**Plot 7-1689. Ant M3 Lower Band Edge (Band n260 100MHz-3CC SISO Dual Pol DFTs-OFDM – QPSK Full RB)**

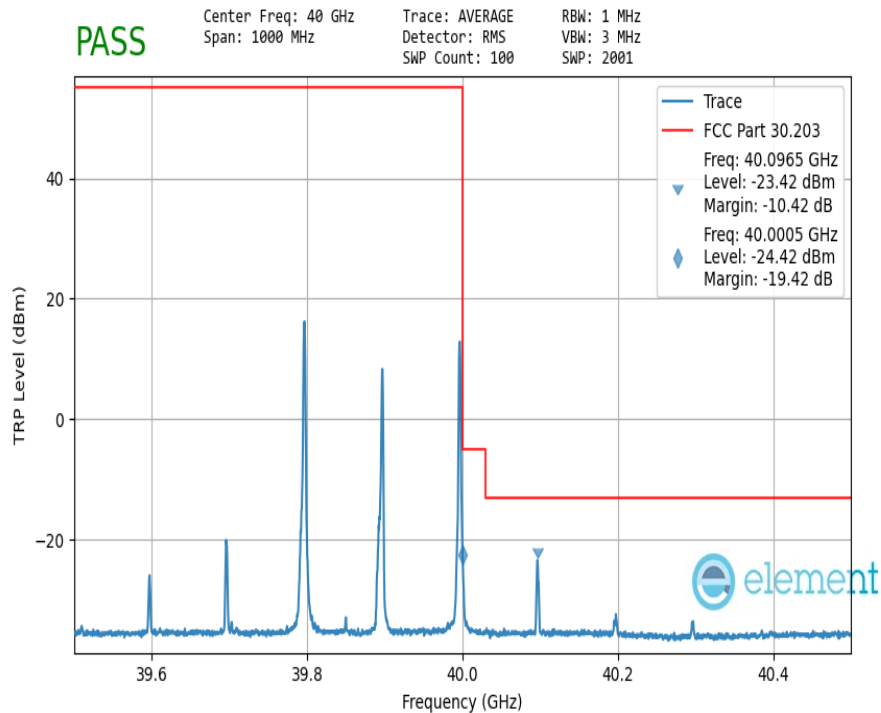


**Plot 7-1690. Ant M3 Lower Band Edge (Band n260 100MHz-3CC SISO Dual Pol DFTs-OFDM – QPSK 1RB)**

FCC ID: BCGA2764		<b>PART 30 MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2205090028-06-R1.BCG	<b>Test Dates:</b> 5/30/2022 – 9/24/2022	<b>EUT Type:</b> Tablet Device	Page 925 of 999



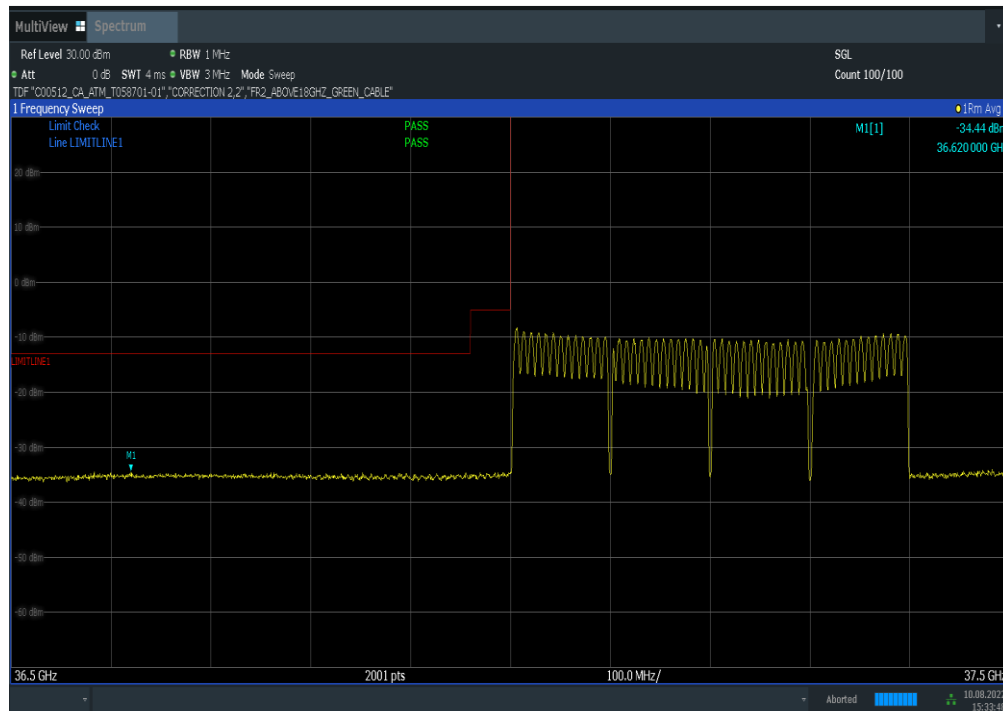
**Plot 7-1691. Ant M3 Upper Band Edge (Band n260 100MHz-3CC SISO Dual Pol DFTs-OFDM – QPSK Full RB)**



**Plot 7-1692. Ant M3 Upper Band Edge (Band n260 100MHz-3CC SISO Dual Pol DFTs-OFDM – QPSK 1RB)**

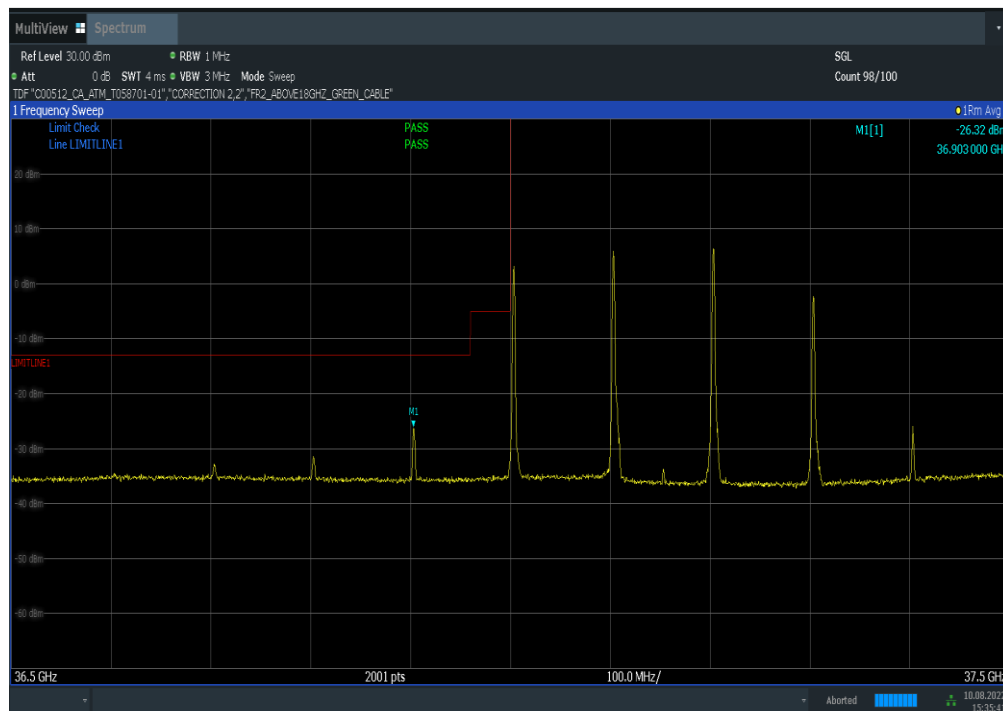
FCC ID: BCGA2764		<b>PART 30 MEASUREMENT REPORT (CERTIFICATION)</b>	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 926 of 999

# ACLRResults



Plot 7-1693. Ant M3 Lower Band Edge (Band n260 100MHz-4CC MIMO CP-OFDM – QPSK Full RB)

# ACLRResults



Plot 7-1694. Ant M3 Lower Band Edge (Band n260 100MHz-4CC MIMO CP-OFDM – QPSK 1RB)

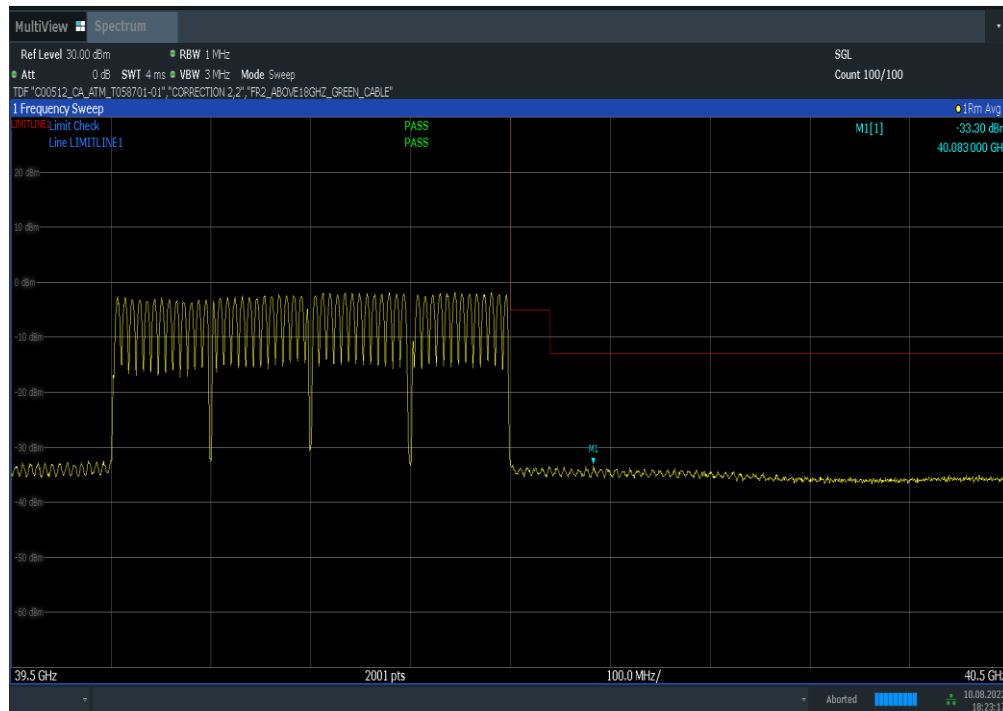
FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 927 of 999

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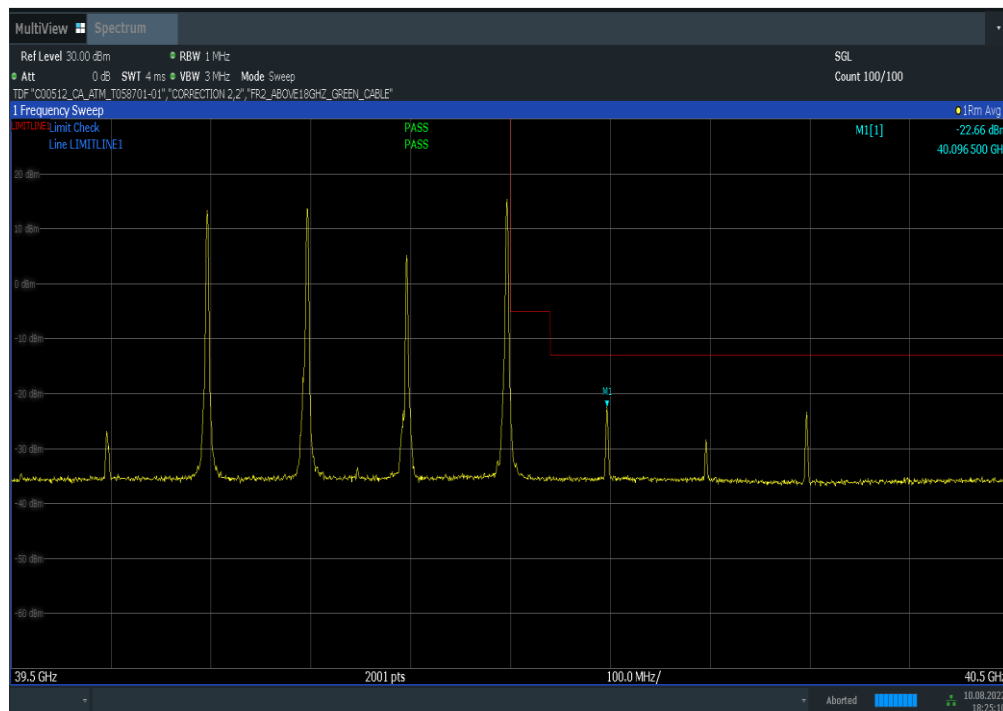
V2.0 5/30/2022

# ACLR Results



Plot 7-1695. Ant M3 Upper Band Edge (Band n260 100MHz-4CC MIMO CP-OFDM – QPSK Full RB)

# ACLR Results



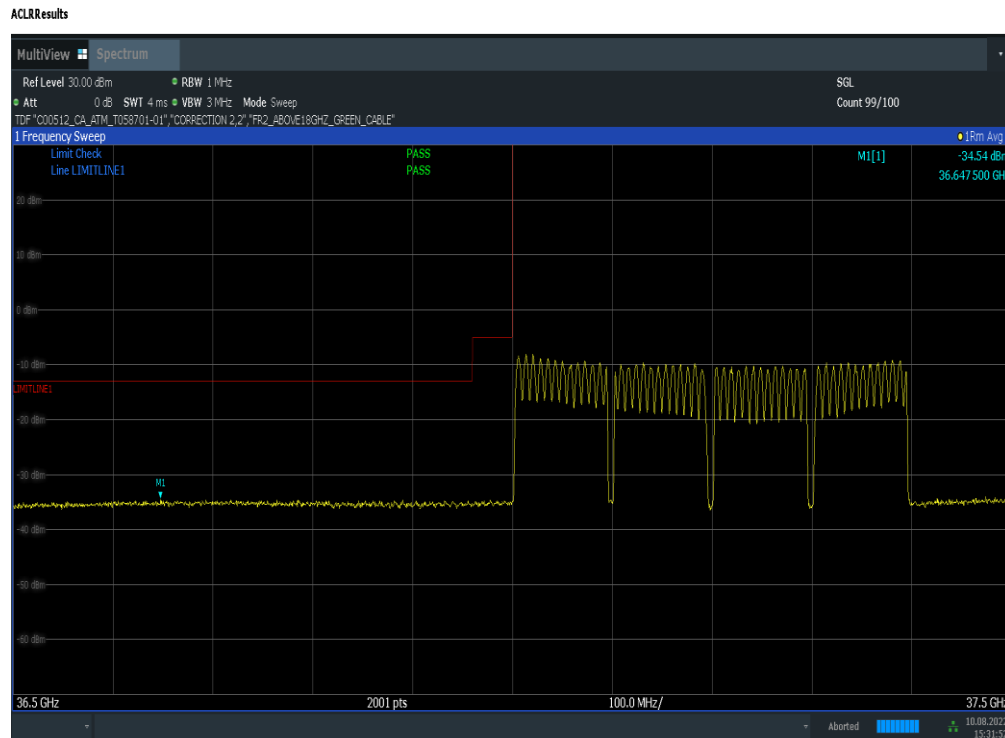
Plot 7-1696. Ant M3 Upper Band Edge (Band n260 100MHz-4CC MIMO CP-OFDM – QPSK 1RB)

FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 928 of 999

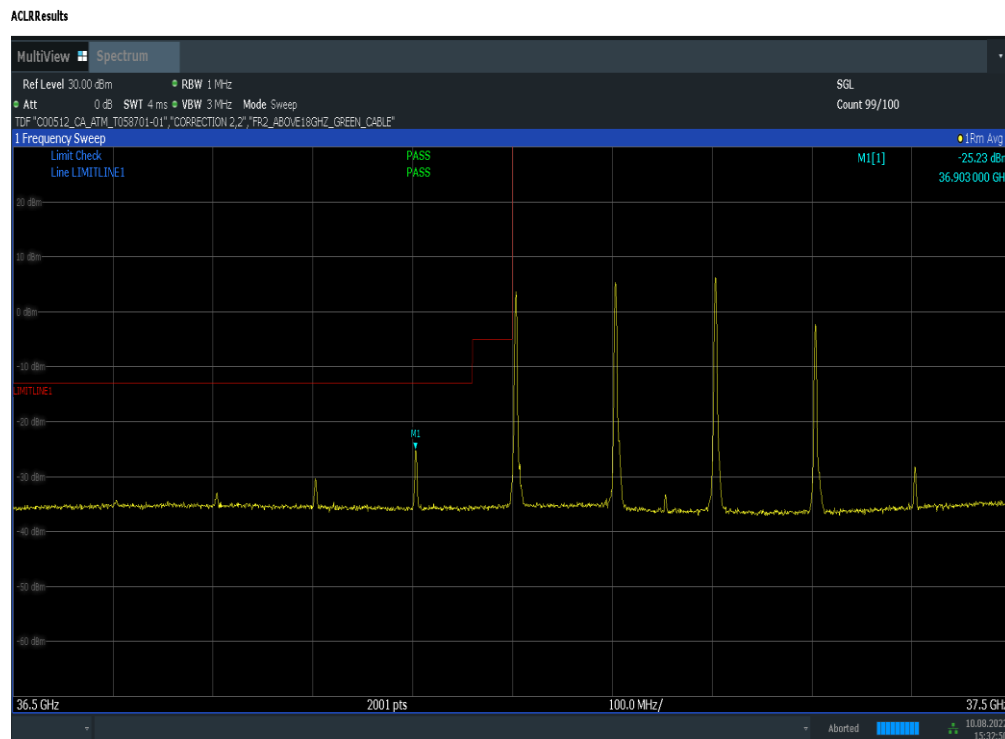
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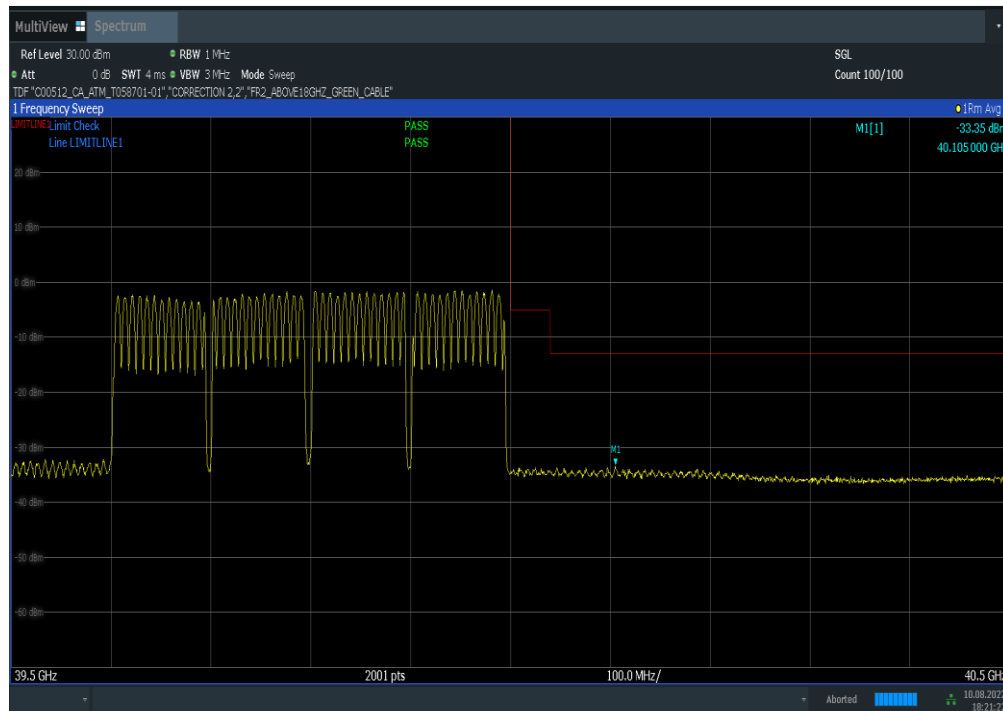
Plot 7-1697. Ant M3 Lower Band Edge (Band n260 100MHz-4CC SISO Dual Pol DFTs-OFDM –  $\pi/2$  BPSK Full RB)



Plot 7-1698. Ant M3 Lower Band Edge (Band n260 100MHz-4CC SISO Dual Pol DFTs-OFDM –  $\pi/2$  BPSK 1RB)

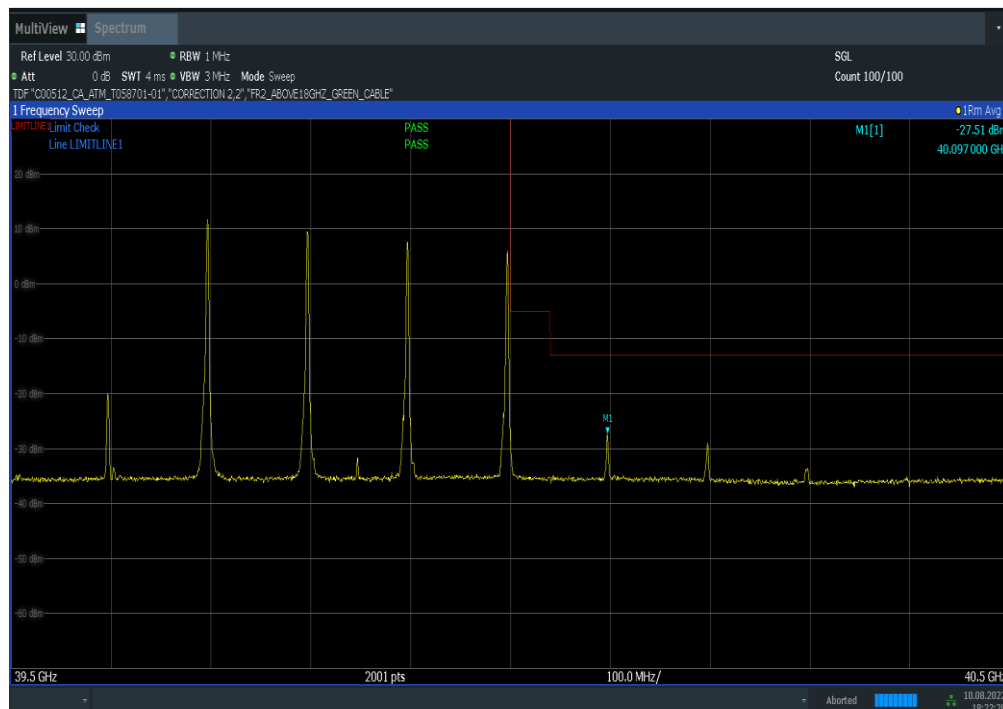
FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 929 of 999

# ACLAResults



Plot 7-1699. Ant M3 Upper Band Edge (Band n260 100MHz-4CC SISO Dual Pol DFTs-OFDM –  $\pi/2$  BPSK Full RB)

# ACLAResults



Plot 7-1700. Ant M3 Upper Band Edge (Band n260 100MHz-4CC SISO Dual Pol DFTs-OFDM –  $\pi/2$  BPSK 1RB)

FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 930 of 999

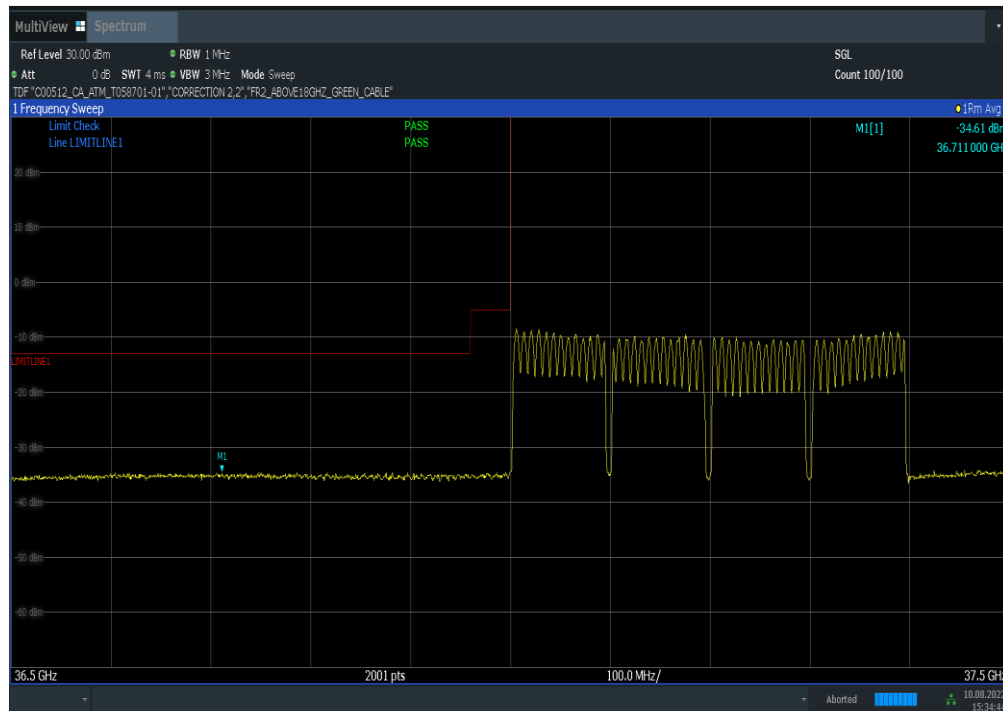
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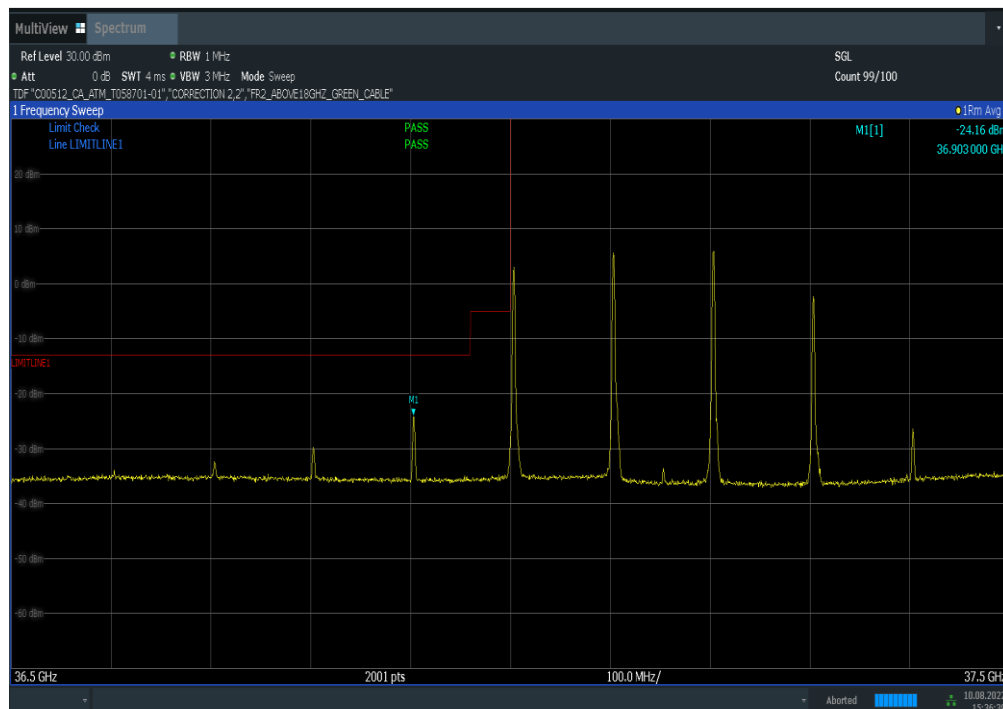


# ACLARResults



Plot 7-1701. Ant M3 Lower Band Edge (Band n260 100MHz-4CC SISO Dual Pol DFTs-OFDM – QPSK Full RB)

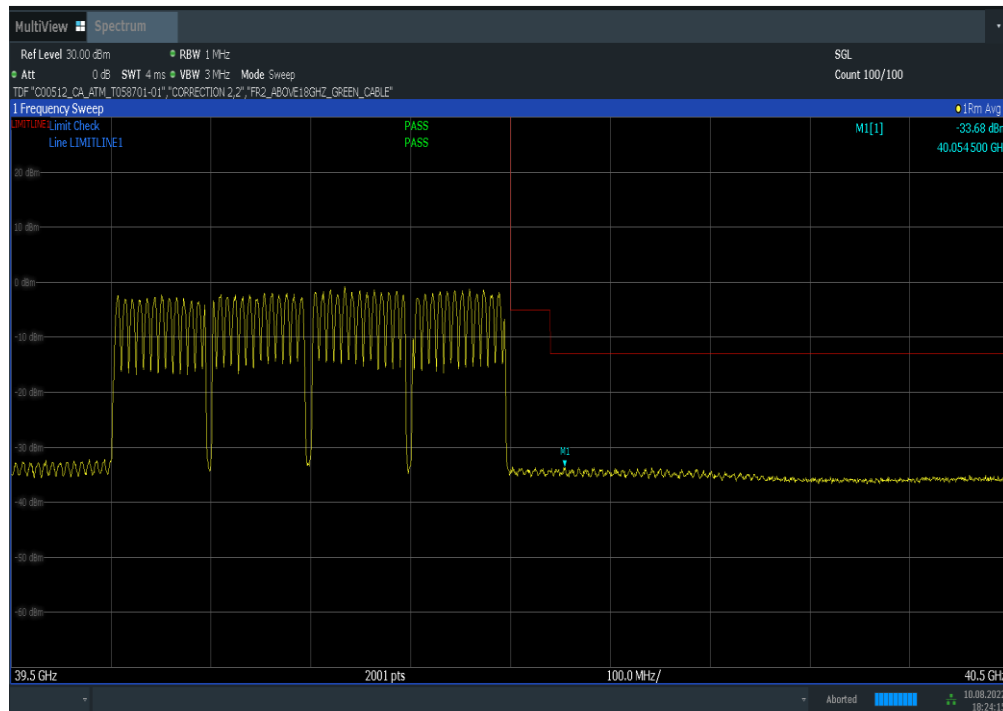
# ACLARResults



Plot 7-1702. Ant M3 Lower Band Edge (Band n260 100MHz-4CC SISO Dual Pol DFTs-OFDM – QPSK 1RB)

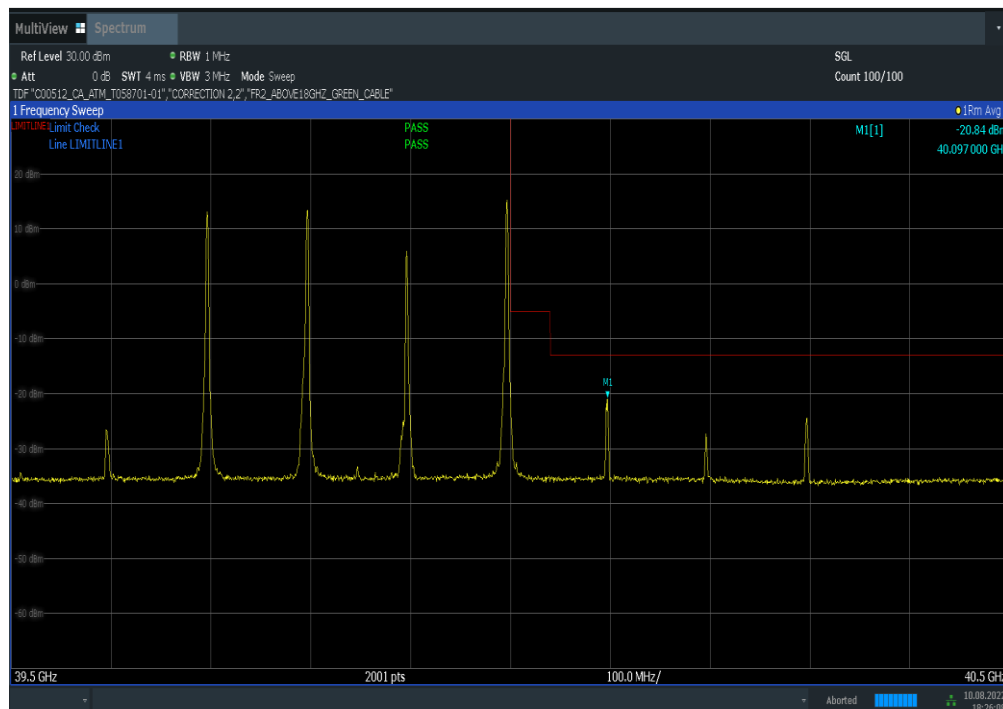
FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 931 of 999

# ACLAResults



Plot 7-1703. Ant M3 Upper Band Edge (Band n260 100MHz-4CC SISO Dual Pol DFTs-OFDM – QPSK Full RB)

# ACLAResults



Plot 7-1704. Ant M3 Upper Band Edge (Band n260 100MHz-4CC SISO Dual Pol DFTs-OFDM – QPSK 1RB)

FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 932 of 999

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## 7.6 Frequency Stability / Temperature Variation

### §2.1055

#### Test Overview and Limit

Frequency stability testing is performed in accordance with the guidelines of ANSI C63.26-2015. The frequency stability of the transmitter is measured by:

- a.) **Temperature:** The temperature is varied from -30°C to +50°C in 10°C increments using an environmental chamber.
- b.) **Primary Supply Voltage:** The primary supply voltage is varied from 85% to 115% of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

#### Test Procedure Used

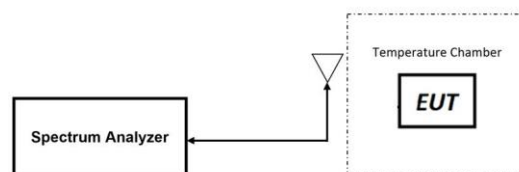
ANSI C63.5-2015 Section 5.6  
KDB 842590 D01 v01r02 Section 4.5

#### Test Settings

1. The carrier frequency of the transmitter is measured at room temperature (20°C to provide a reference).
2. The equipment is turned on in a “standby” condition for fifteen minutes before applying power to the transmitter. Measurement of the carrier frequency of the transmitter is made within one minute after applying power to the transmitter.
3. Frequency measurements are made at 10°C intervals ranging from -30°C to +50°C. A period of at least one half-hour is provided to allow stabilization of the equipment at each temperature level.

#### Test Setup

The EUT was measured using horn antenna connected to a spectrum analyzer. The EUT was placed inside an environmental chamber that uses a foam plug to maintain the temperature condition inside the chamber. The horn antenna measured the frequency of the fundamental signal.



**Figure 7-1. Test Instrument & Measurement Setup**

#### Test Notes

1. CW signal was used for frequency stability measurement
2. The Frequency Deviation column in the table below is the amount of deviation measured from the center frequency of the Reference measurement (first row).
3. Due to similar occupied bandwidth results between all three antennas, only Ant M0 frequency stability data have been included in this section.

FCC ID: BCGA2764		<b>PART 30 MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2205090028-06-R1.BCG	<b>Test Dates:</b> 5/30/2022 – 9/24/2022	<b>EUT Type:</b> Tablet Device	Page 933 of 999

## Frequency Stability Measurements (Band n258)

\$2.1055

OPERATING FREQUENCY: 24,300,000,000 Hz  
 LOWER FREQUENCY BOUNDARY: 24,250,000,000 Hz  
 REFERENCE VOLTAGE: 3.80 VDC

VOLTAGE (%)	POWER (VDC)	TEMP (°C)	Measured Frequency (GHz)	Freq. Delta from Operating Edge (GHz)
100 %	3.80	- 30	24.2509300	-0.0009300
100 %		- 20	24.2509450	-0.0009450
100 %		- 10	24.2511528	-0.0011528
100 %		0	24.2509300	-0.0009300
100 %		+ 10	24.2508400	-0.0008400
100 %		+ 20	24.2511800	-0.0011800
100 %		+ 30	24.2508900	-0.0008900
100 %		+ 40	24.2509200	-0.0009200
100 %		+ 50	24.2510100	-0.0010100
BATT. ENDPOINT	3.23	+ 20	24.2511400	-0.0011400

**Table 7-159. Frequency Stability Lower Boundary Data (n258)**

OPERATING FREQUENCY: 25,200,000,000 Hz  
 UPPER FREQUENCY BOUNDARY: 25,250,000,000 Hz  
 REFERENCE VOLTAGE: 3.80 VDC

VOLTAGE (%)	POWER (VDC)	TEMP (°C)	Measured Frequency (GHz)	Freq. Delta from Operating Edge (GHz)
100 %	3.80	- 30	25.2478500	-0.0021500
100 %		- 20	25.2477500	-0.0022500
100 %		- 10	25.2480826	-0.0019174
100 %		0	25.2482700	-0.0017300
100 %		+ 10	25.2482200	-0.0017800
100 %		+ 20	25.2478800	-0.0021200
100 %		+ 30	25.2464600	-0.0035400
100 %		+ 40	25.2466400	-0.0033600
100 %		+ 50	25.2477200	-0.0022800
BATT. ENDPOINT	3.23	+ 20	25.2477800	-0.0022200

**Table 7-160. Frequency Stability Upper Boundary Data (n258)**

**Note:**

Based on the results of the frequency stability test at the center channel the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency deviation noted during the frequency stability tests is applied. Therefore, the device is determined to remain operating in band over the temperature and voltage range as tested.

FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 934 of 999

## Frequency Stability Measurements (Band n261)

§2.1055

OPERATING FREQUENCY: 27,550,000,000 Hz  
 LOWER FREQUENCY BOUNDARY: 27,500,000,000 Hz  
 REFERENCE VOLTAGE: 3.80 VDC

VOLTAGE (%)	POWER (VDC)	TEMP (°C)	Measured Frequency (GHz)	Freq. Delta from Operating Edge (GHz)
100 %	3.80	- 30	27.5010700	-0.0010700
100 %		- 20	27.5010900	-0.0010900
100 %		- 10	27.5011079	-0.0011079
100 %		0	27.5010400	-0.0010400
100 %		+ 10	27.5010800	-0.0010800
100 %		+ 20	27.5011700	-0.0011700
100 %		+ 30	27.5010900	-0.0010900
100 %		+ 40	27.5011200	-0.0011200
100 %		+ 50	27.5012600	-0.0012600
BATT. ENDPOINT	3.23	+ 20	27.5012500	-0.0012500

**Table 7-161. Frequency Stability Lower Boundary Data (n261)**

OPERATING FREQUENCY: 28,300,000,000 Hz  
 UPPER FREQUENCY BOUNDARY: 28,350,000,000 Hz  
 REFERENCE VOLTAGE: 3.80 VDC

VOLTAGE (%)	POWER (VDC)	TEMP (°C)	Measured Frequency (GHz)	Freq. Delta from Operating Edge (GHz)
100 %	3.80	- 30	28.3470100	-0.0029900
100 %		- 20	28.3470050	-0.0029950
100 %		- 10	28.3478968	-0.0021032
100 %		0	28.3477400	-0.0022600
100 %		+ 10	28.3473500	-0.0026500
100 %		+ 20	28.3480200	-0.0019800
100 %		+ 30	28.3477500	-0.0022500
100 %		+ 40	28.3477600	-0.0022400
100 %		+ 50	28.3477900	-0.0022100
BATT. ENDPOINT	3.23	+ 20	28.3478100	-0.0021900

**Table 7-162. Frequency Stability Upper Boundary Data (n261)**

### Note:

Based on the results of the frequency stability test at the center channel the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency deviation noted during the frequency stability tests is applied. Therefore, the device is determined to remain operating in band over the temperature and voltage range as tested.

FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 935 of 999

## Frequency Stability Measurements (Band n260)

\$2.1055

OPERATING FREQUENCY: 37,050,000,000 Hz  
 LOWER FREQUENCY BOUNDARY: 37,000,000,000 Hz  
 REFERENCE VOLTAGE: 3.80 VDC

VOLTAGE (%)	POWER (VDC)	TEMP (°C)	Measured Frequency (GHz)	Freq. Delta from Operating Edge (GHz)
100 %	3.80	- 30	37.0013300	-0.0013300
100 %		- 20	37.0015500	-0.0015500
100 %		- 10	37.0210902	-0.0210902
100 %		0	37.0011800	-0.0011800
100 %		+ 10	37.0010500	-0.0010500
100 %		+ 20	37.0011900	-0.0011900
100 %		+ 30	37.0008100	-0.0008100
100 %		+ 40	37.0114150	-0.0114150
100 %		+ 50	37.0223110	-0.0223110
BATT. ENDPOINT	3.23	+ 20	37.0219960	-0.0219960

**Table 7-163. Frequency Stability Lower Boundary Data (n260)**

OPERATING FREQUENCY: 39,950,000,000 Hz  
 UPPER FREQUENCY BOUNDARY: 40,000,000,000 Hz  
 REFERENCE VOLTAGE: 3.80 VDC

VOLTAGE (%)	POWER (VDC)	TEMP (°C)	Measured Frequency (GHz)	Freq. Delta from Operating Edge (GHz)
100 %	3.80	- 30	39.9980400	-0.0019600
100 %		- 20	39.9980250	-0.0019750
100 %		- 10	39.9980262	-0.0019738
100 %		0	39.9984500	-0.0015500
100 %		+ 10	39.9981900	-0.0018100
100 %		+ 20	39.9978300	-0.0021700
100 %		+ 30	39.9970268	-0.0029732
100 %		+ 40	39.9970030	-0.0029970
100 %		+ 50	39.9969226	-0.0030774
BATT. ENDPOINT	3.23	+ 20	39.9970826	-0.0029174

**Table 7-164. Frequency Stability Upper Boundary Data (n260)**

**Note:**

Based on the results of the frequency stability test at the center channel the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency deviation noted during the frequency stability tests is applied. Therefore, the device is determined to remain operating in band over the temperature and voltage range as tested.

FCC ID: BCGA2764		<b>PART 30 MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2205090028-06-R1.BCG	<b>Test Dates:</b> 5/30/2022 – 9/24/2022	<b>EUT Type:</b> Tablet Device	Page 936 of 999

## 8.0 CONCLUSION

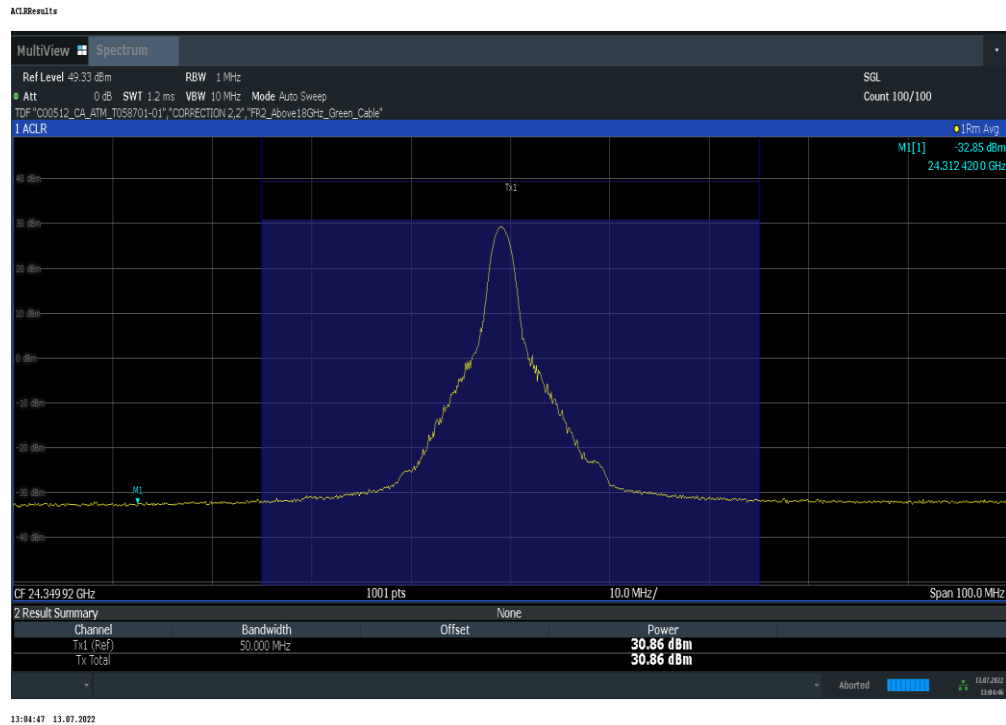
The data collected relate only to the item(s) tested and show that the **Apple Tablet Device** **FCC ID: BCGA2764** complies with all the requirements of Part 30.

FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 937 of 999

## 9.0 APPENDIX A

### 9.1 Equivalent Isotropic Radiated Power Plots

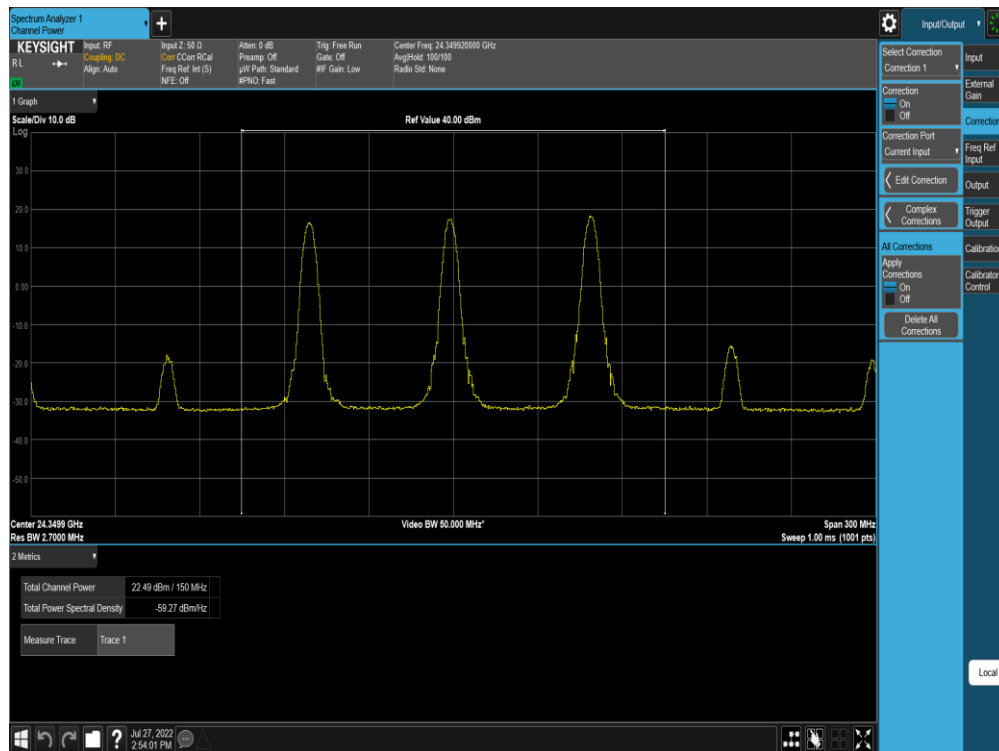
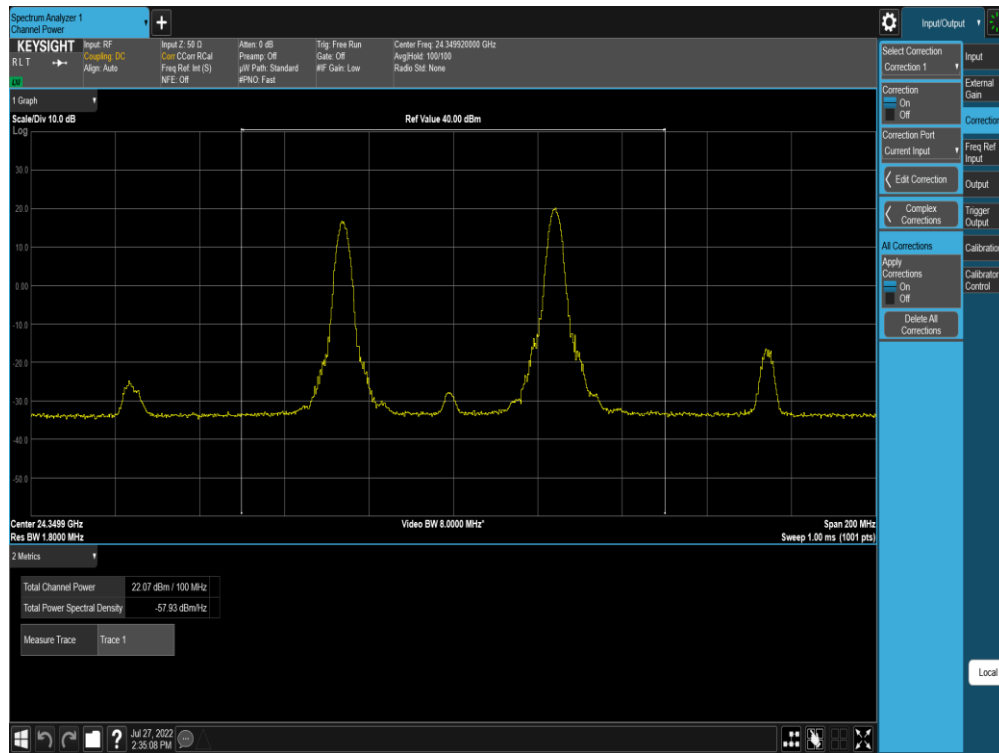
#### 9.1.1 Band n258-R1 – Ant M0



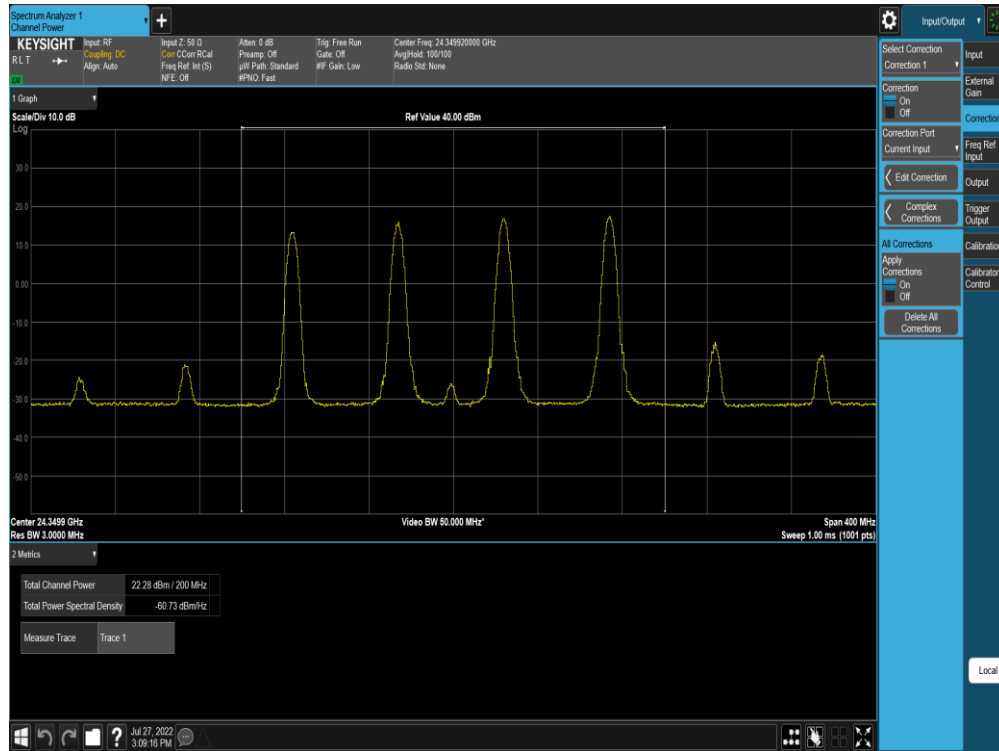
Plot 9-1. Ant M0 EIRP Plot (Band n258-R1-50MHz-1CC SISO Dual Pol DFTs-OFDM – QPSK – Mid Channel)

FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 938 of 999

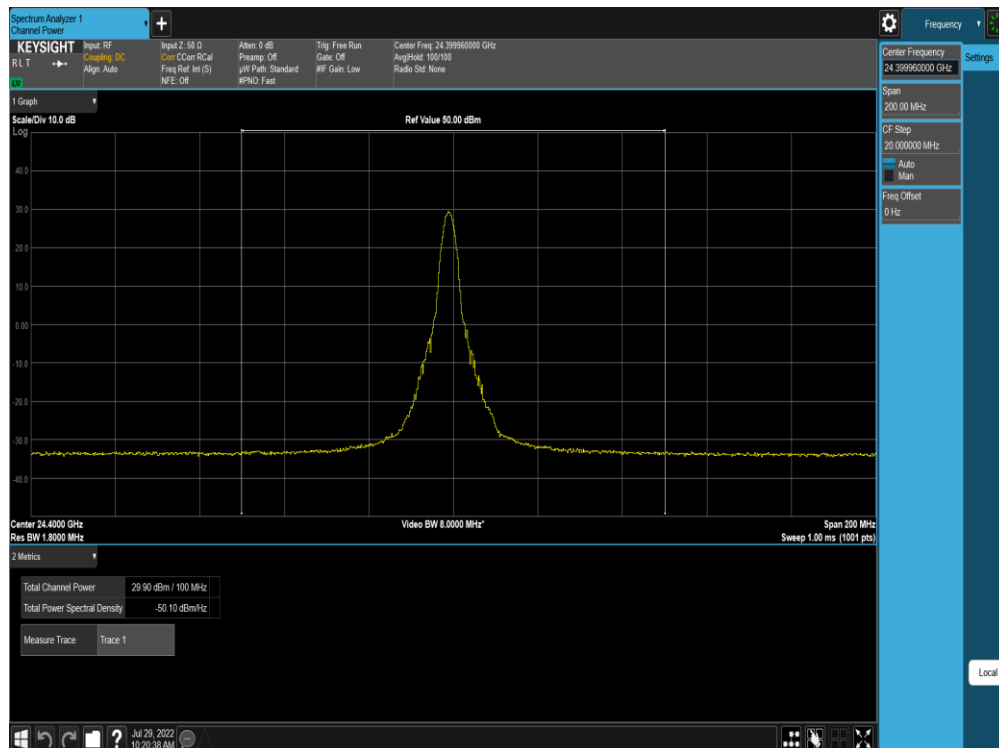




FCC ID: BCGA2764		<b>PART 30 MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2205090028-06-R1.BCG	<b>Test Dates:</b> 5/30/2022 – 9/24/2022	<b>EUT Type:</b> Tablet Device	Page 939 of 999



Plot 9-4. Ant M0 EIRP Plot (Band n258-R1-50MHz-4CC MIMO CP-OFDM – QPSK – Mid Channel)



Plot 9-5. Ant M0 EIRP Plot (Band n258-R1-100MHz-1CC SISO Dual Pol DFTs-OFDM – QPSK– High Channel)

FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 940 of 999



FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 941 of 999

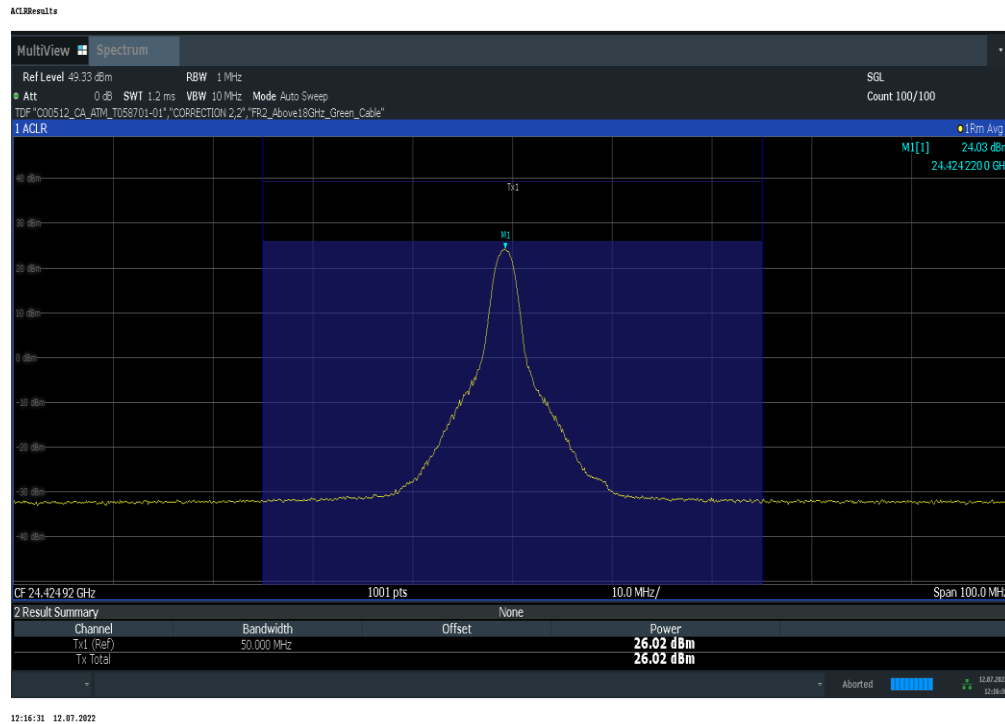
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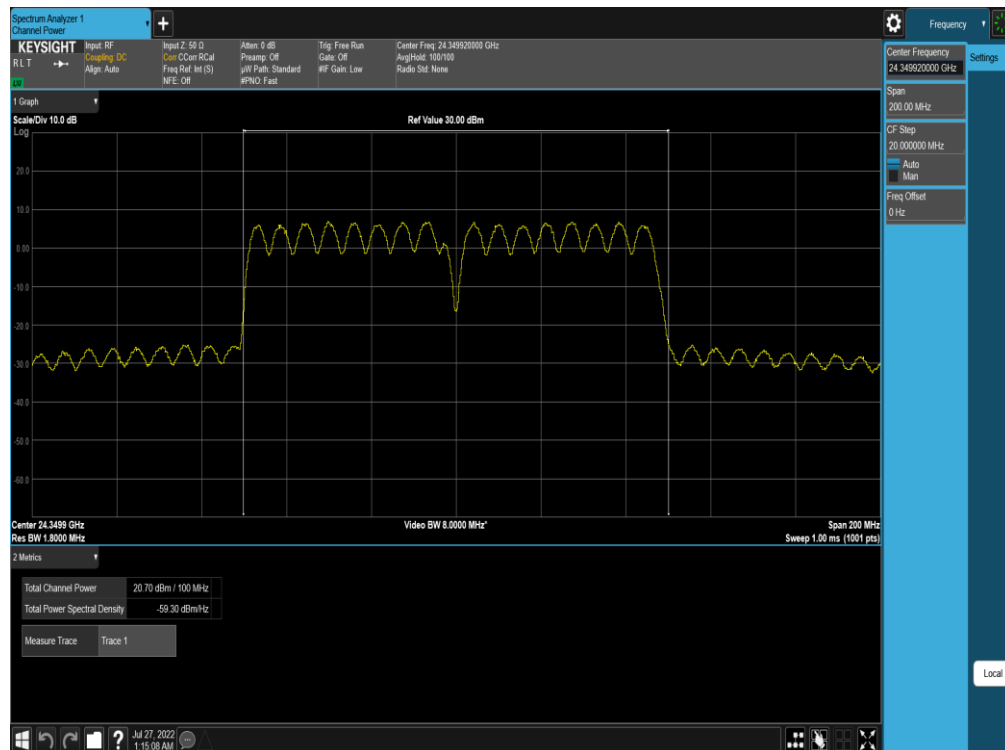
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## 9.1.2 Band n258-R1 – Ant M2



Plot 9-7. Ant M2 EIRP Plot (Band n258-R1-50MHz-1CC SISO Dual Pol DFTs-OFDM – QPSK – High Channel)



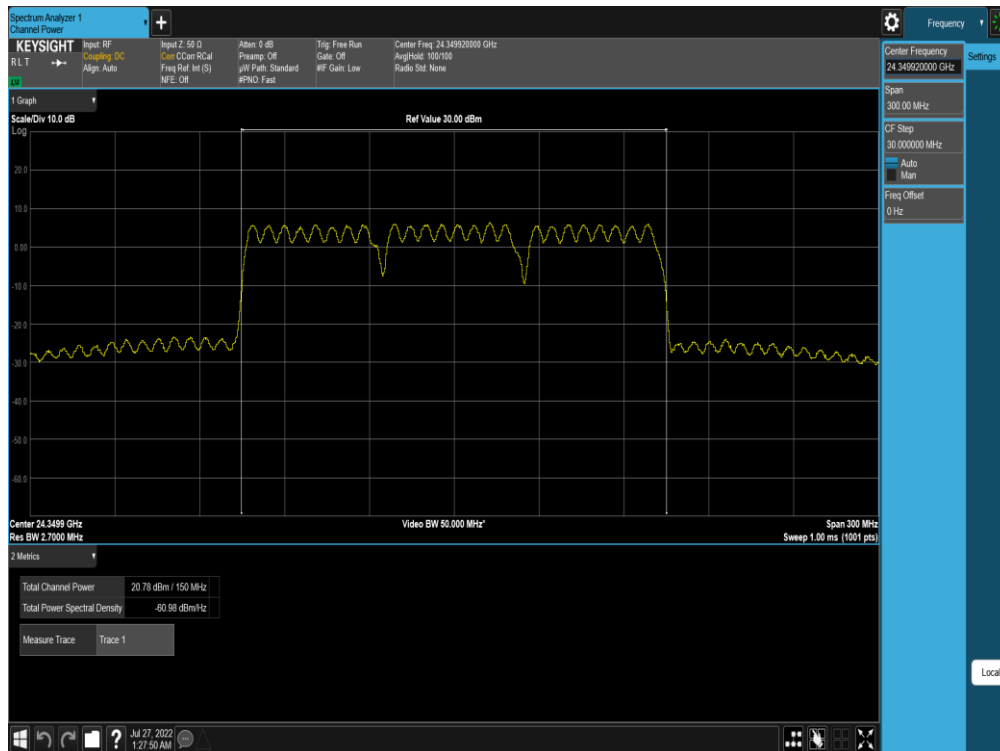
Plot 9-8. Ant M2 EIRP Plot (Band n258-R1-50MHz-2CC SISO Dual Pol DFTs-OFDM – QPSK– Mid Channel)

FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 942 of 999

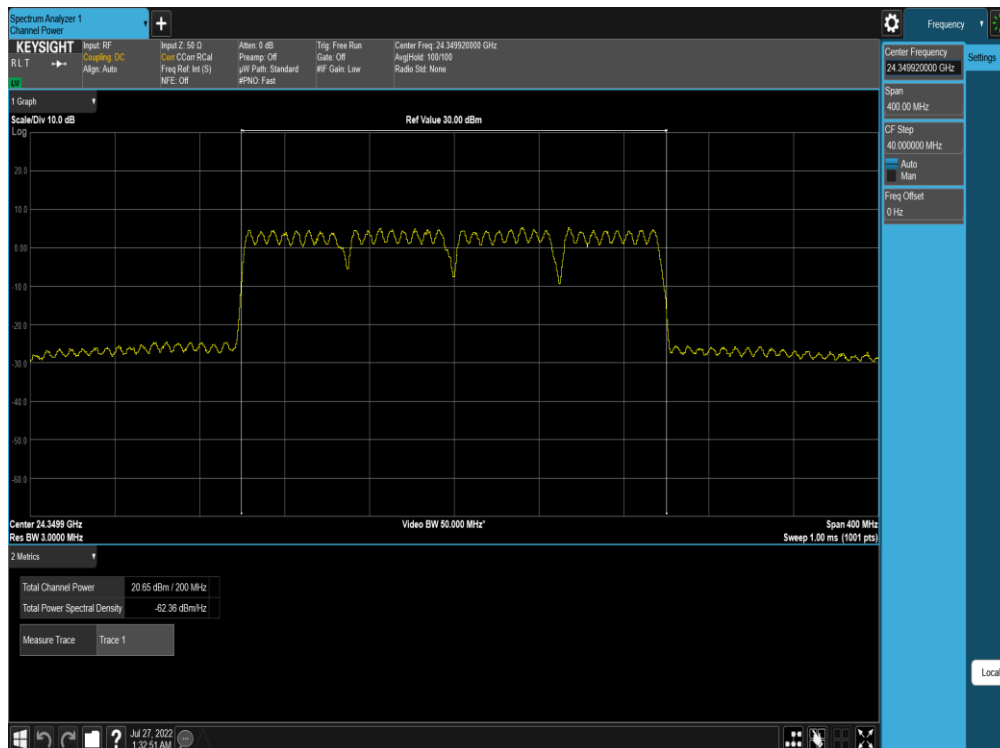
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V2.0 5/30/2022

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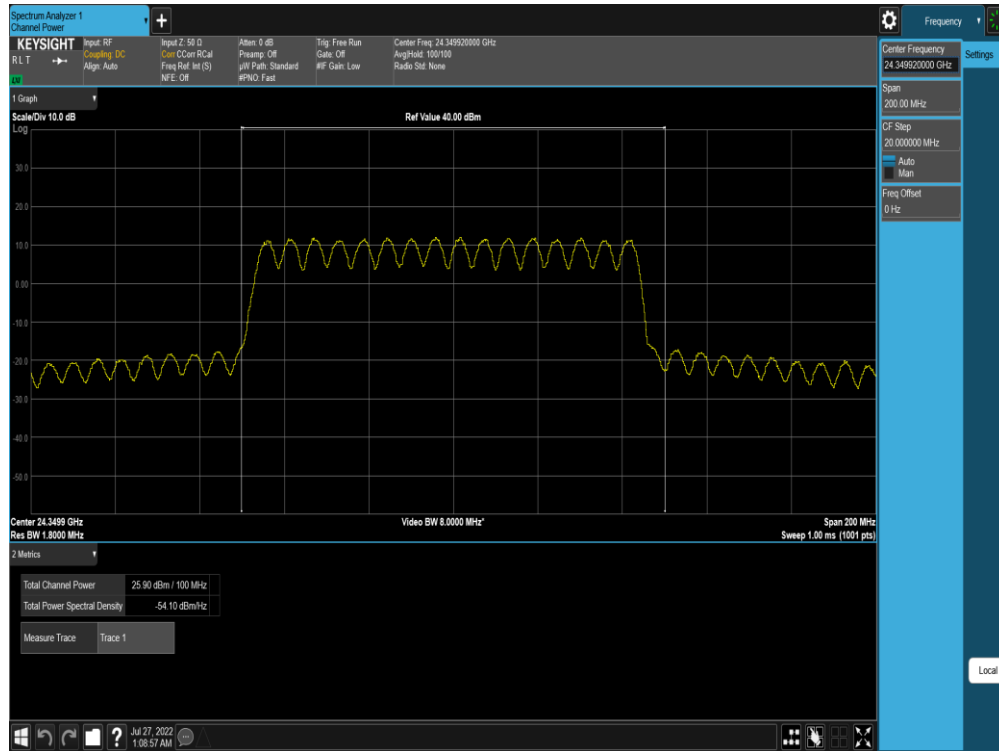


Plot 9-9. Ant M2 EIRP Plot (Band n258-R1-50MHz-3CC SISO Dual Pol DFTs-OFDM – QPSK– Mid Channel)

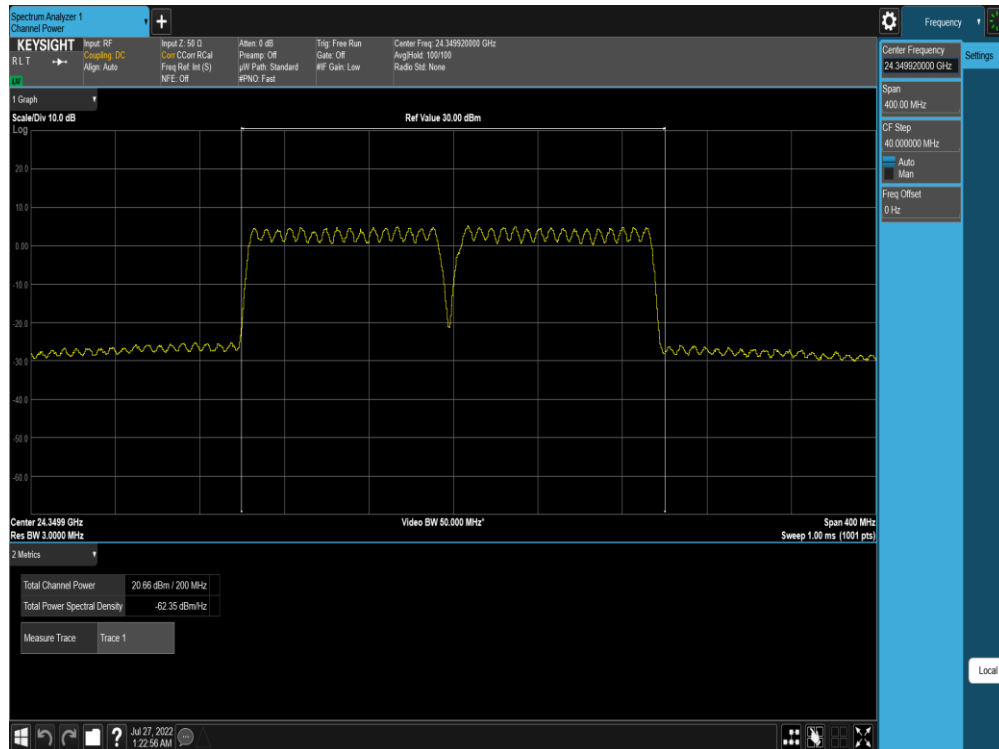


Plot 9-10. Ant M2 EIRP Plot (Band n258-R1-50MHz-4CC SISO Dual Pol DFTs-OFDM –  $\pi/2$  BPSK – Mid Channel)

FCC ID: BCGA2764		<b>PART 30 MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2205090028-06-R1.BCG	<b>Test Dates:</b> 5/30/2022 – 9/24/2022	<b>EUT Type:</b> Tablet Device	Page 943 of 999



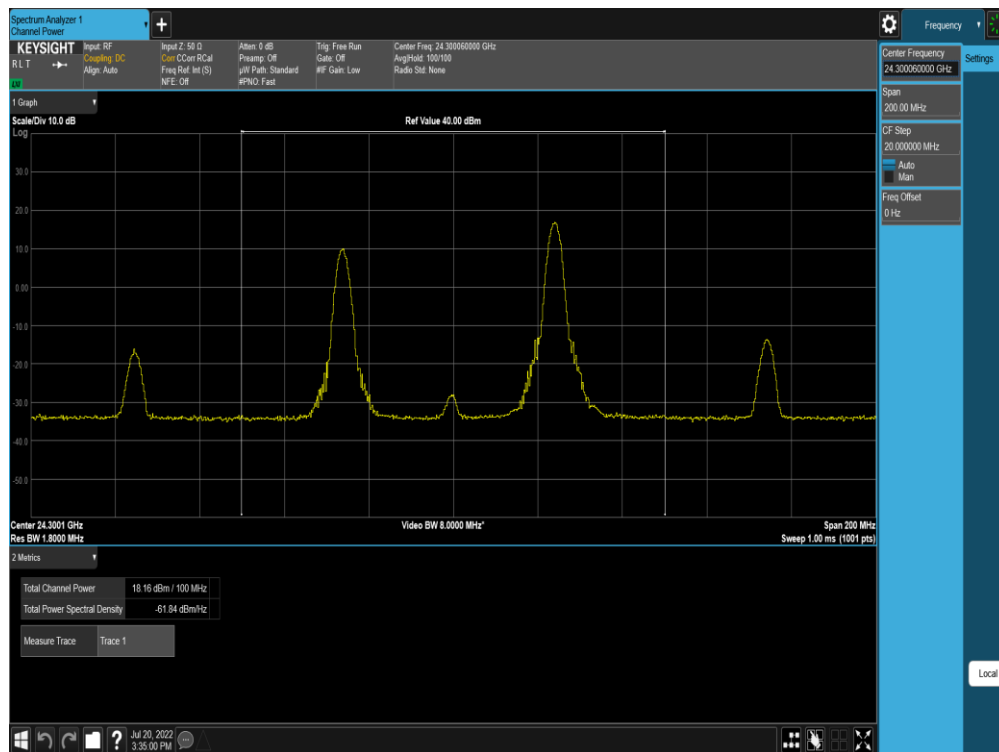
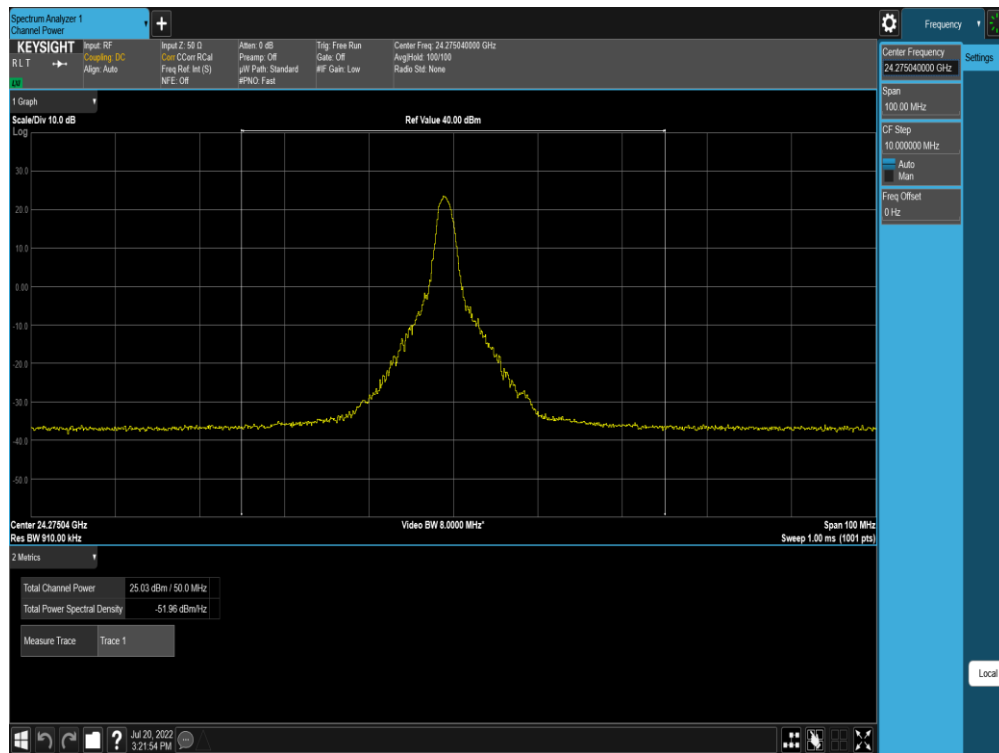
Plot 9-11. Ant M2 EIRP Plot (Band n258-R1-100MHz-1CC SISO Dual Pol DFTs-OFDM – QPSK – Mid Channel)



Plot 9-12. Ant M2 EIRP Plot (Band n258-R1-100MHz-2CC SISO Dual Pol DFTs-OFDM – 16QAM – Mid Channel)

FCC ID: BCGA2764		<b>PART 30 MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2205090028-06-R1.BCG	<b>Test Dates:</b> 5/30/2022 – 9/24/2022	<b>EUT Type:</b> Tablet Device	Page 944 of 999

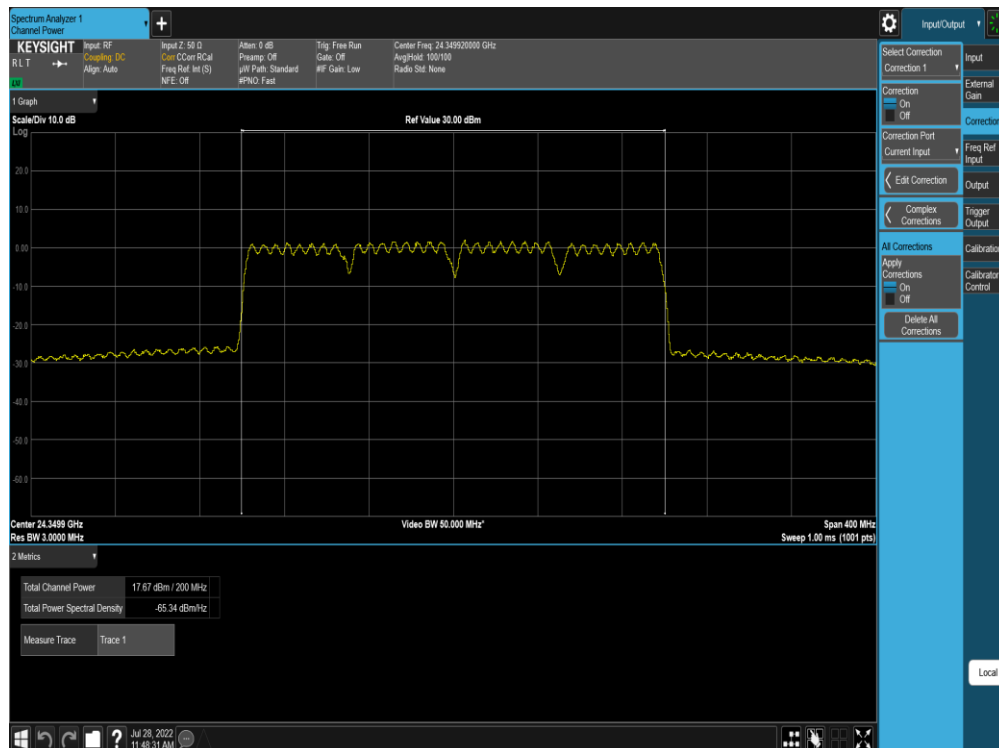
### 9.1.3 Band n258-R1 – Ant M3



FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 945 of 999



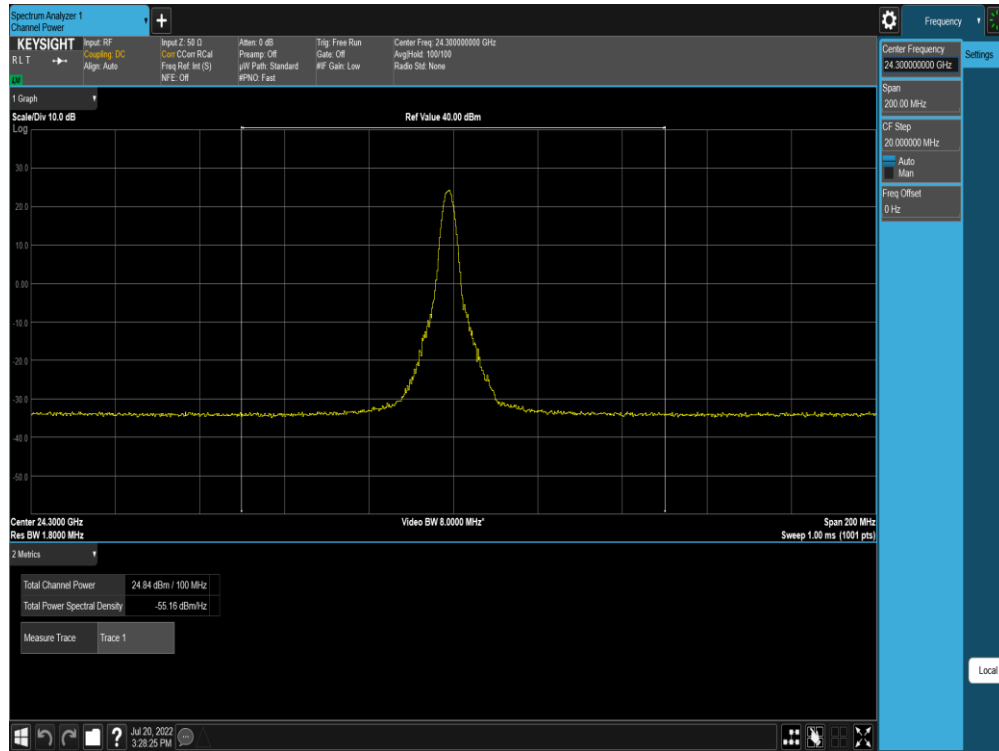
Plot 9-15. Ant M3 EIRP Plot (Band n258-R1-50MHz-3CC SISO Dual Pol DFTs-OFDM – QPSK – Low Channel)



Plot 9-16. Ant M3 EIRP Plot (Band n258-R1-50MHz-4CC MIMO CP-OFDM – QPSK – Mid Channel)

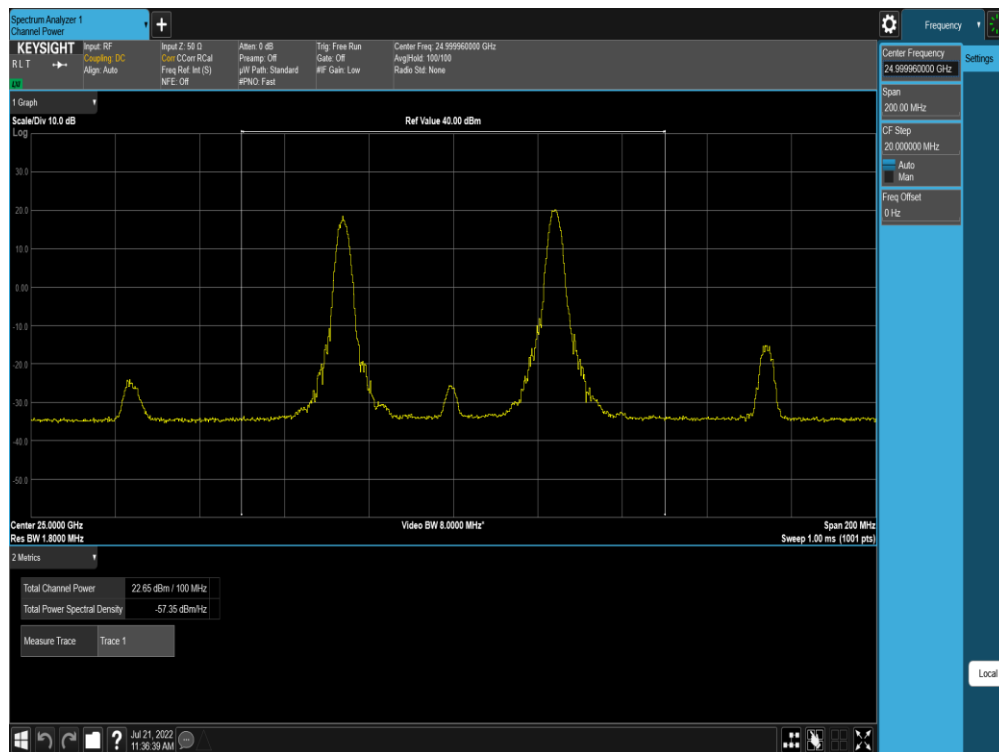
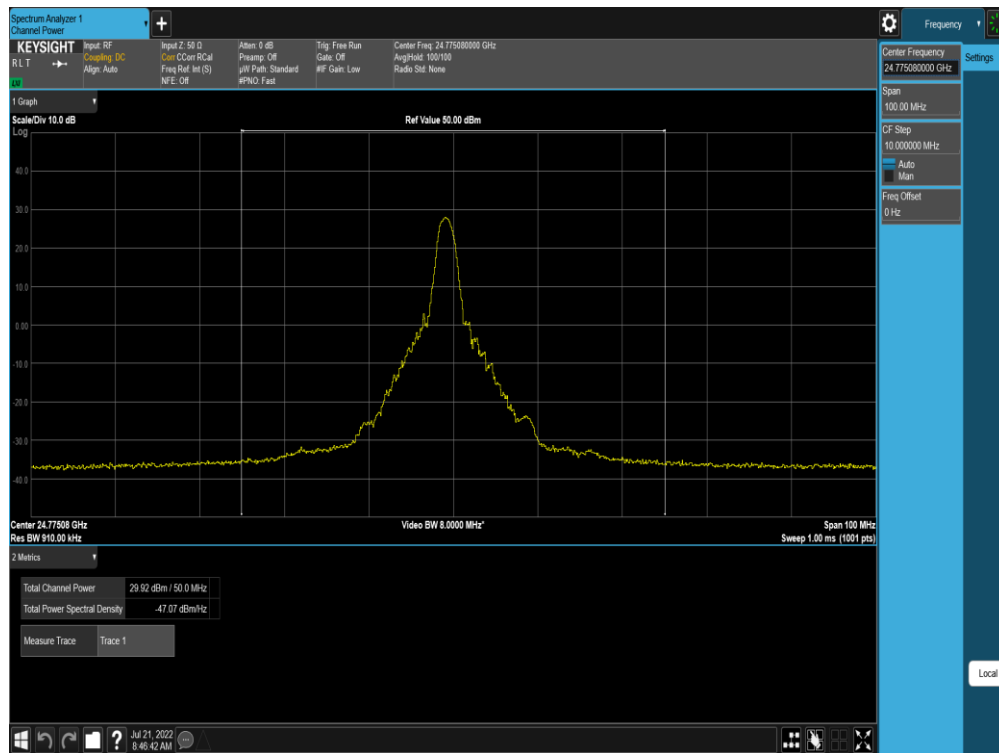
FCC ID: BCGA2764		<b>PART 30 MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2205090028-06-R1.BCG	<b>Test Dates:</b> 5/30/2022 – 9/24/2022	<b>EUT Type:</b> Tablet Device	Page 946 of 999



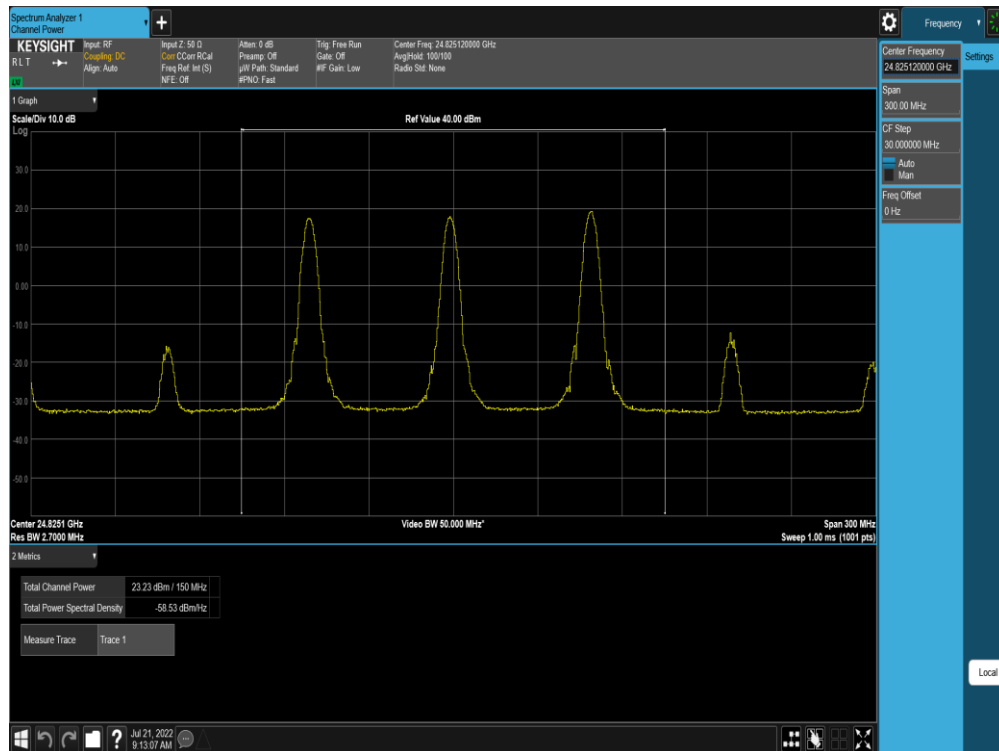


FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 947 of 999

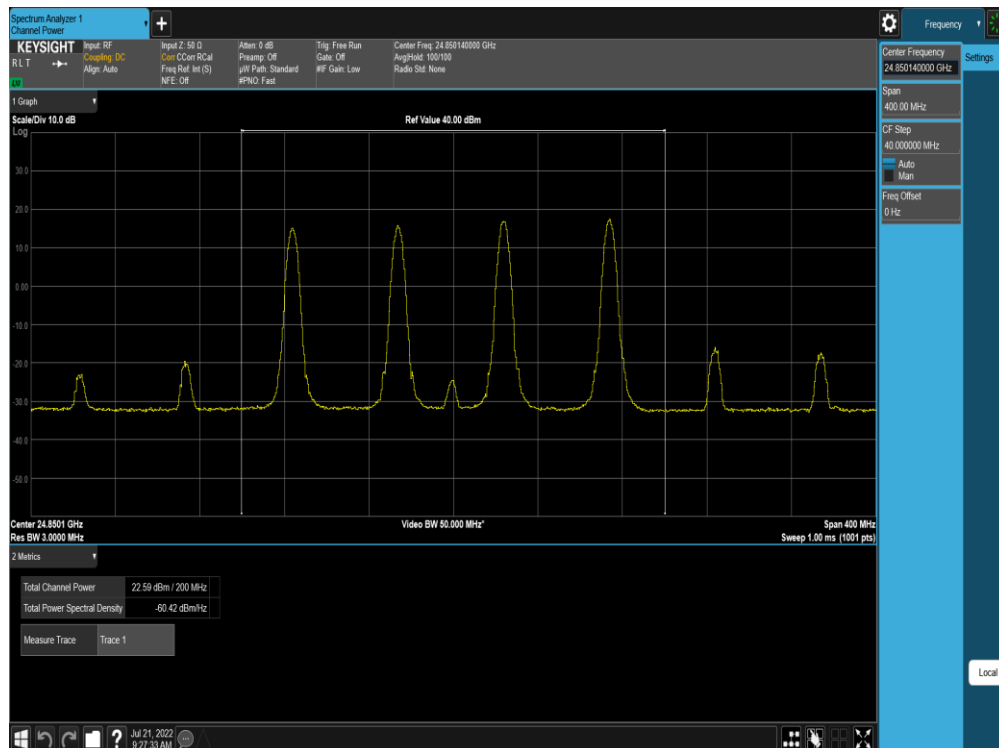
## 9.1.4 Band n258-R2 – Ant M0



FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 948 of 999

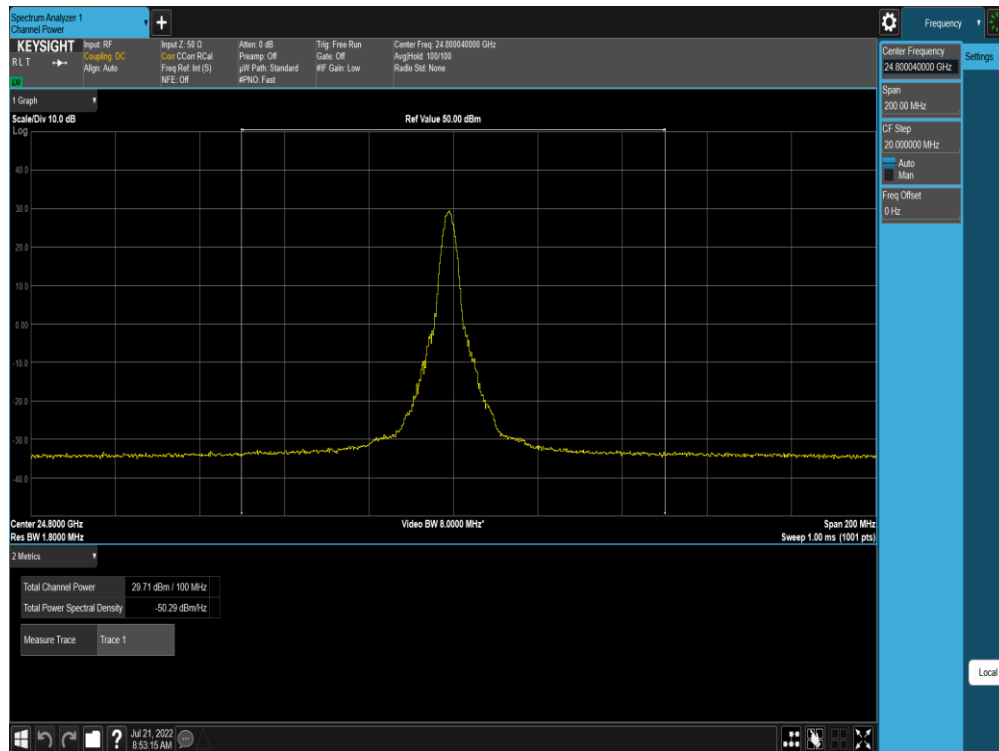


Plot 9-21. Ant M0 EIRP Plot (Band n258-R2-50MHz-3CC SISO Dual Pol DFTs-OFDM – QPSK – Low Channel)



Plot 9-22. Ant M0 EIRP Plot (Band n258-R2-50MHz-4CC SISO Dual Pol DFTs-OFDM – QPSK – Low Channel)

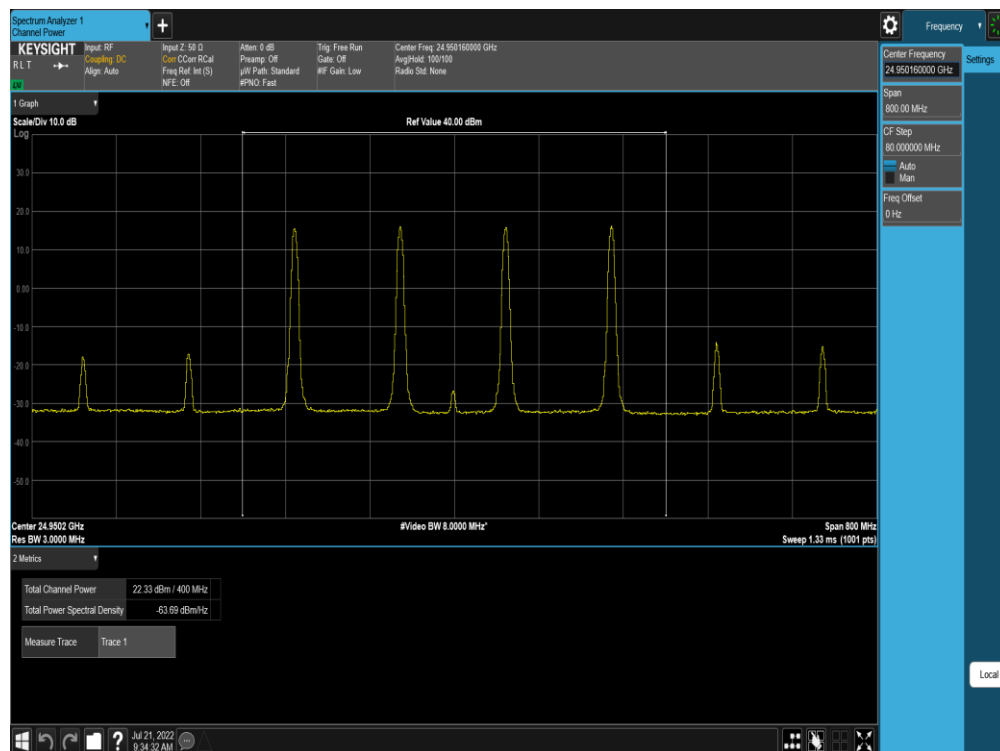
FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 949 of 999



FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 950 of 999



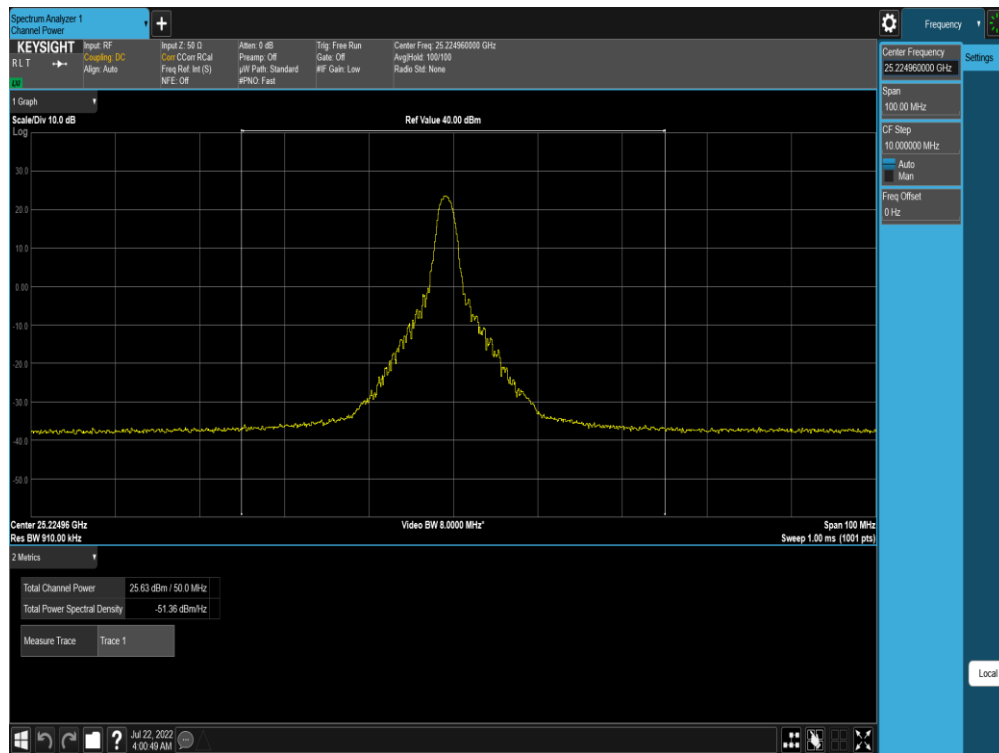
Plot 9-25. Ant M0 EIRP Plot (Band n258-R2-100MHz-3CC SISO Dual Pol DFTs-OFDM – QPSK – Mid Channel)



Plot 9-26. Ant M0 EIRP Plot (Band n258-R2-100MHz-4CC SISO Dual Pol DFTs-OFDM – QPSK – Low Channel)

FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 951 of 999

## 9.1.5 Band n258-R2 – Ant M2

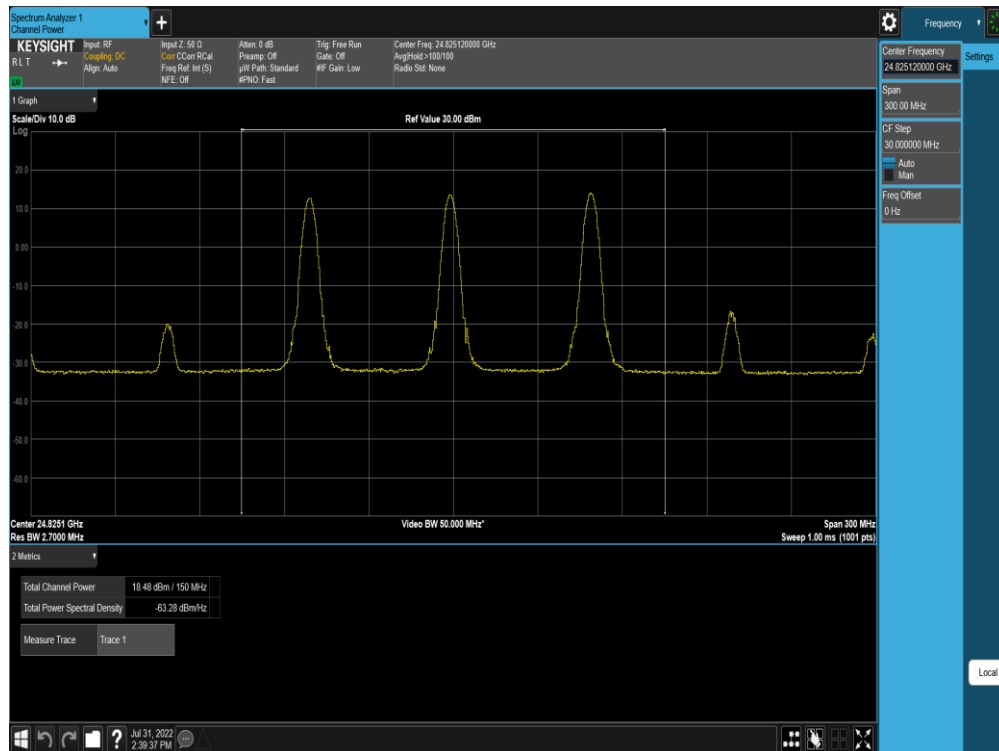


Plot 9-27. Ant M2 EIRP Plot (Band n258-R2-50MHz-1CC SISO Dual Pol DFTs-OFDM – QPSK – High Channel)



Plot 9-28. Ant M2 EIRP Plot (Band n258-R2-50MHz-2CC SISO Dual Pol DFTs-OFDM – QPSK – High Channel)

FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 952 of 999

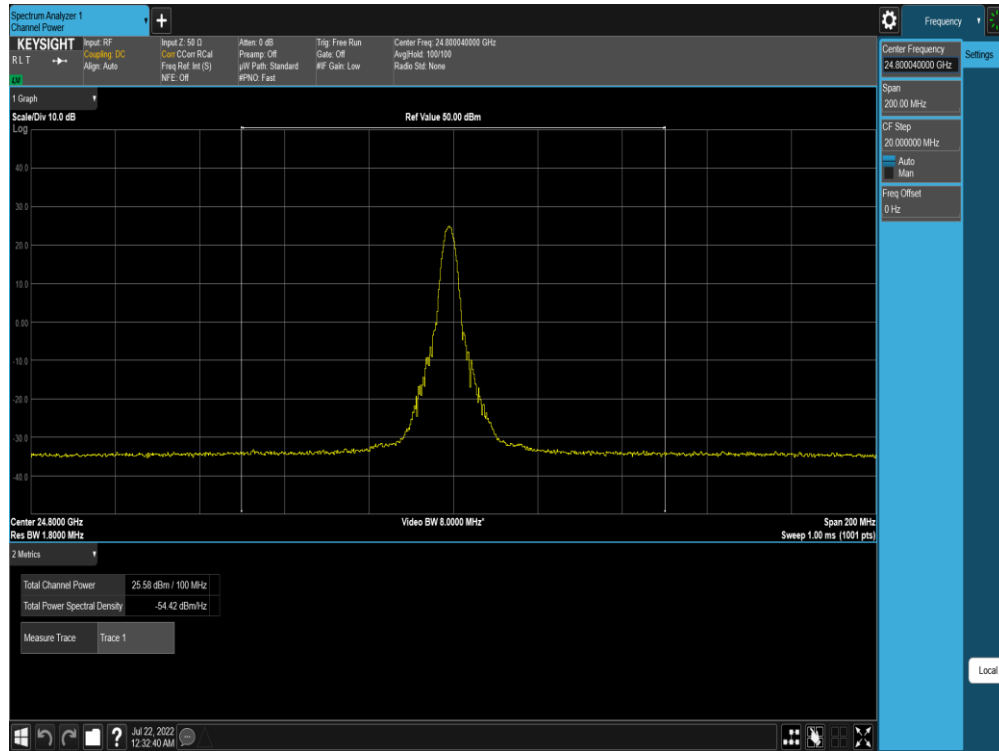


Plot 9-29. Ant M2 EIRP Plot (Band n258-R2-50MHz-3CC SISO Dual Pol DFTs-OFDM – QPSK – Low Channel)



Plot 9-30. Ant M2 EIRP Plot (Band n258-R2-50MHz-4CC SISO Dual Pol DFTs-OFDM – QPSK – High Channel)

FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 953 of 999



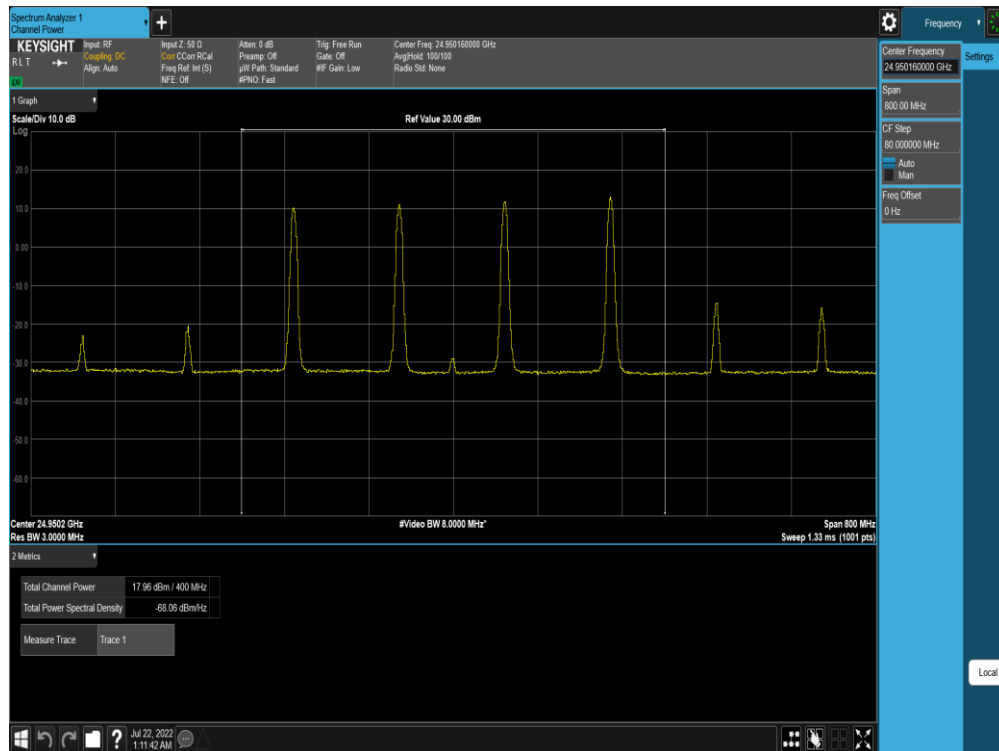
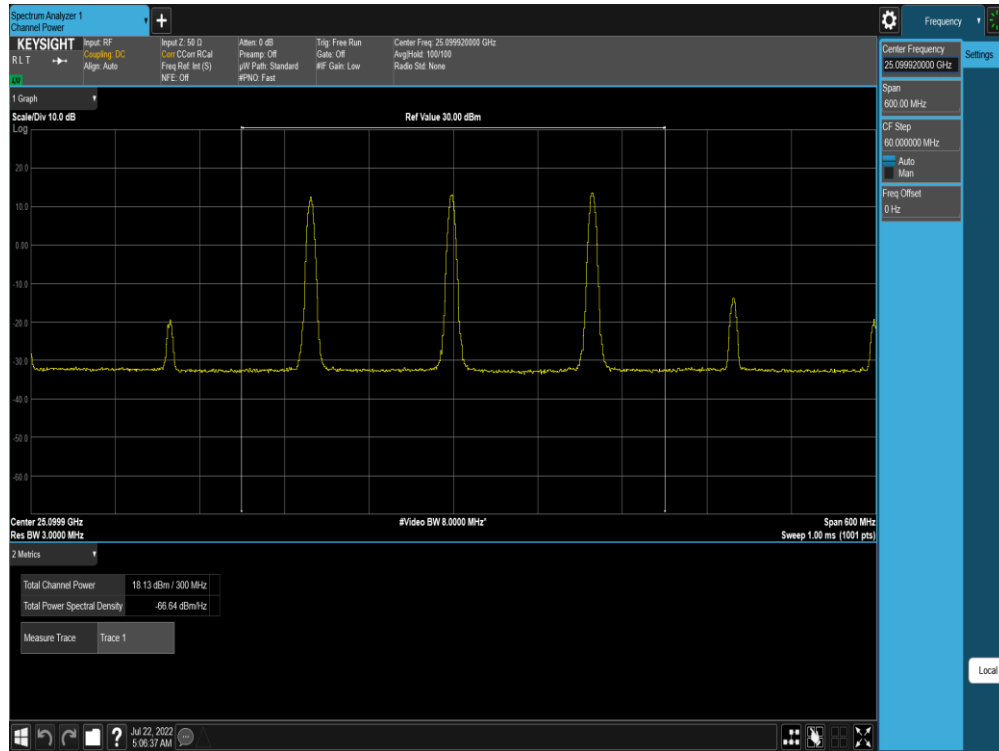
Plot 9-31. Ant M2 EIRP Plot (Band n258-R2-100MHz-1CC SISO Dual Pol DFTs-OFDM – QPSK – Low Channel)



Plot 9-32. Ant M2 EIRP Plot (Band n258-R2-100MHz-2CC SISO Dual Pol DFTs-OFDM – QPSK – High Channel)

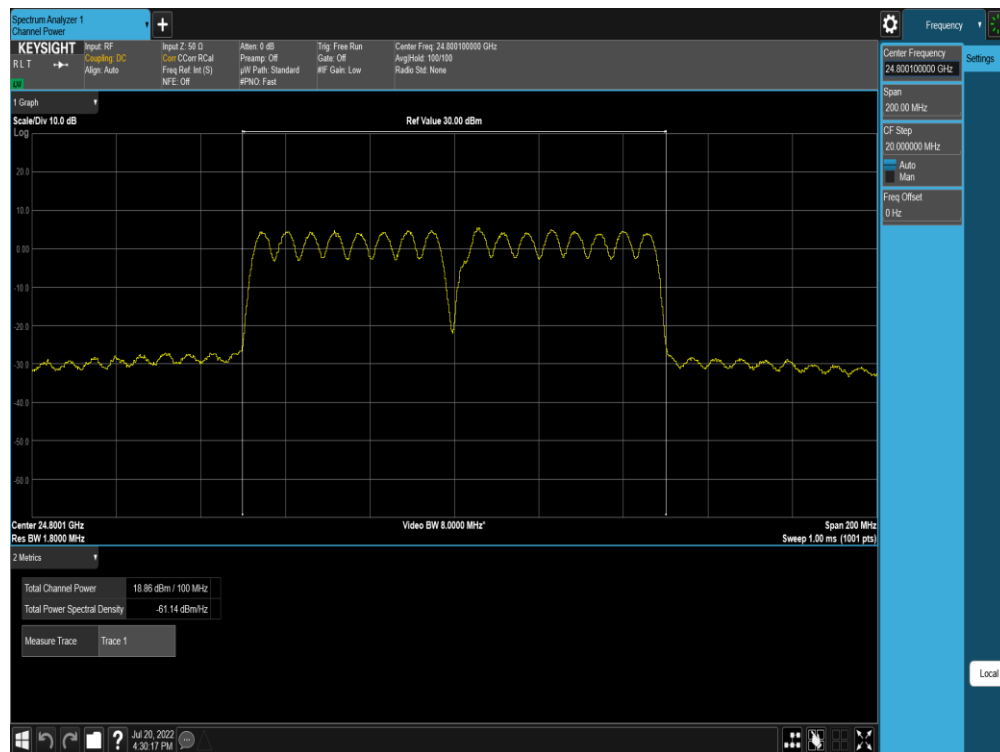
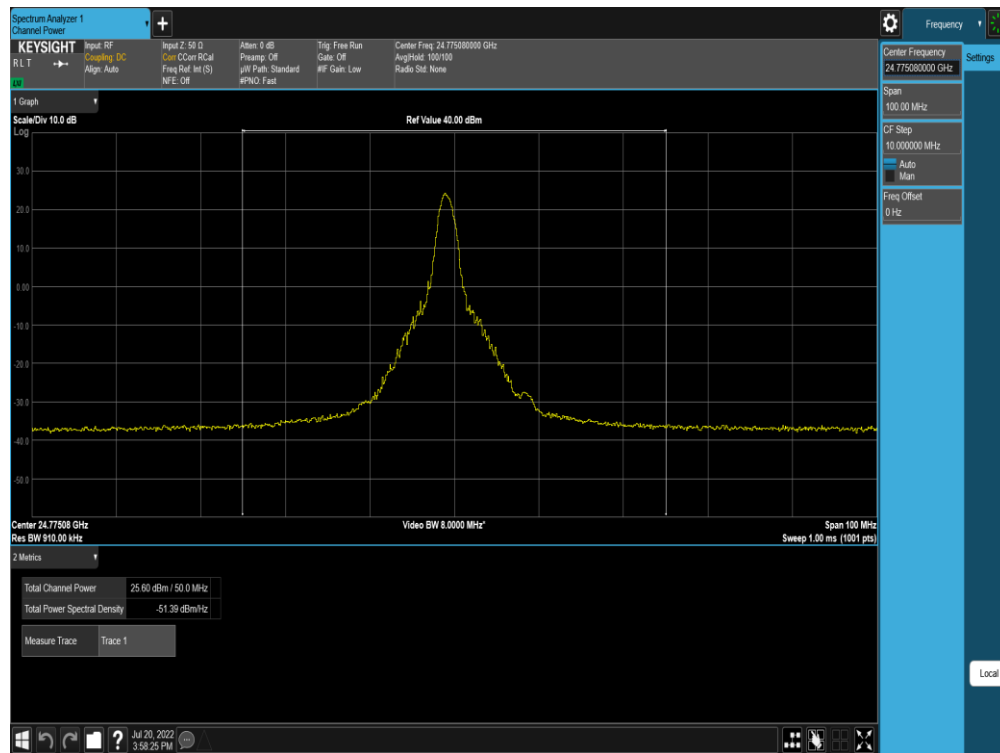
FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 954 of 999



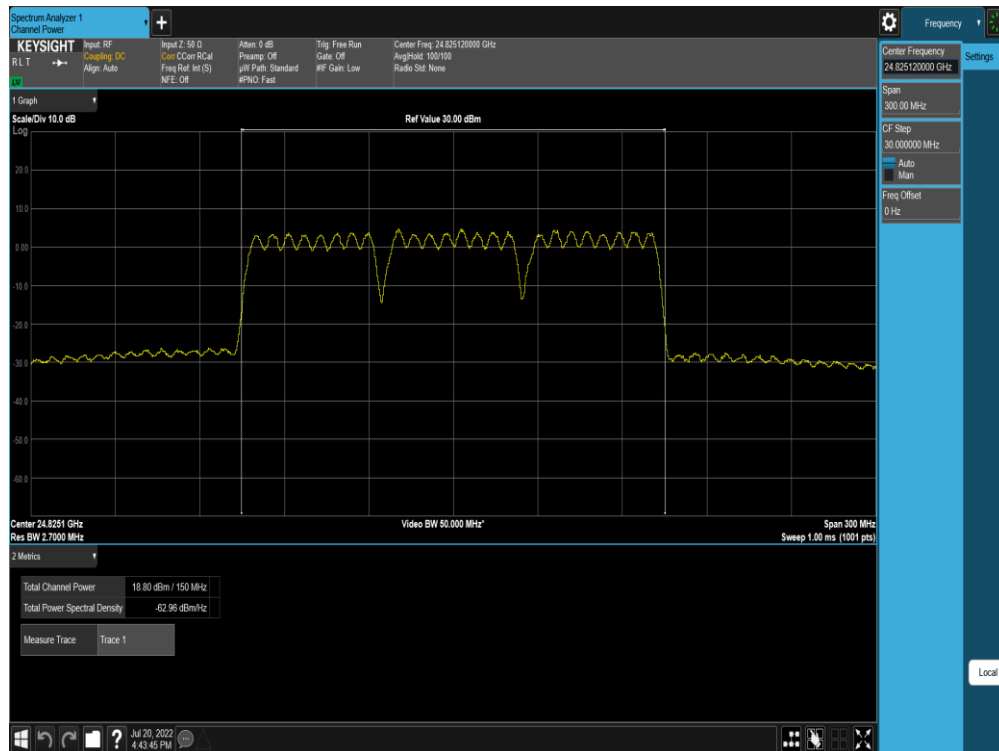


FCC ID: BCGA2764		<b>PART 30 MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2205090028-06-R1.BCG	<b>Test Dates:</b> 5/30/2022 – 9/24/2022	<b>EUT Type:</b> Tablet Device	Page 955 of 999

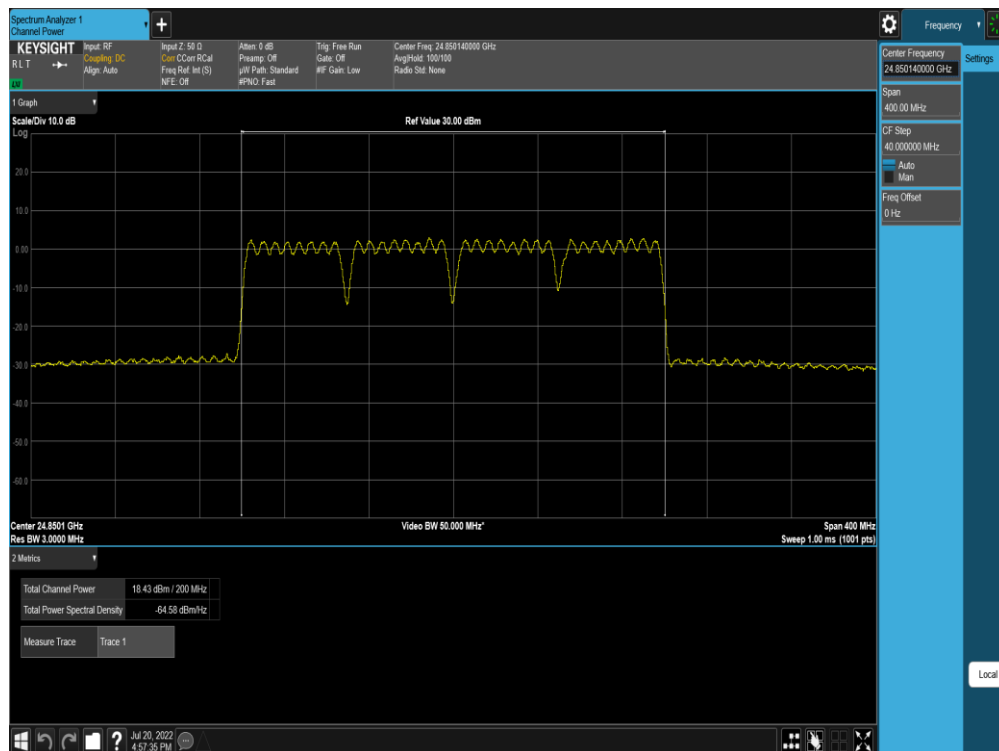
## 9.1.6 Band n258-R2 – Ant M3



FCC ID: BCGA2764		PART 30 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-06-R1.BCG	Test Dates: 5/30/2022 – 9/24/2022	EUT Type: Tablet Device	Page 956 of 999



Plot 9-37. Ant M3 EIRP Plot (Band n258-R2-50MHz-3CC SISO Dual Pol DFTs-OFDM – 16QAM – Low Channel)



Plot 9-38. Ant M3 EIRP Plot (Band n258-R2-50MHz-4CC SISO Dual Pol DFTs-OFDM – 16QAM – Low Channel)

FCC ID: BCGA2764		<b>PART 30 MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2205090028-06-R1.BCG	<b>Test Dates:</b> 5/30/2022 – 9/24/2022	<b>EUT Type:</b> Tablet Device	Page 957 of 999