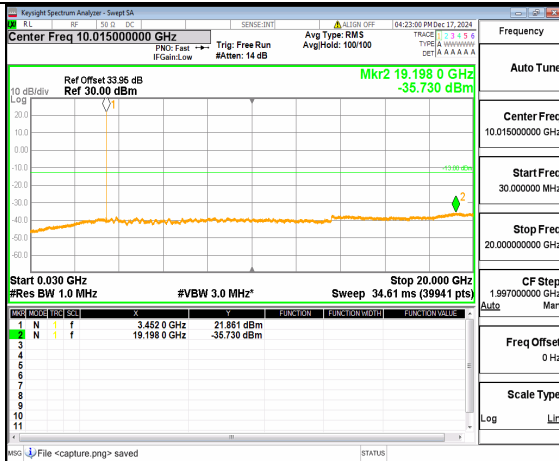
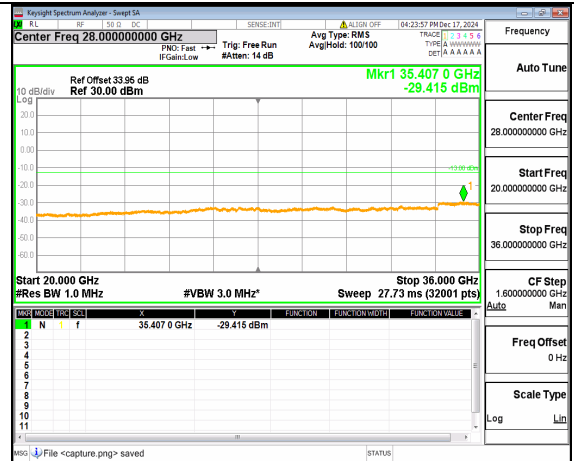
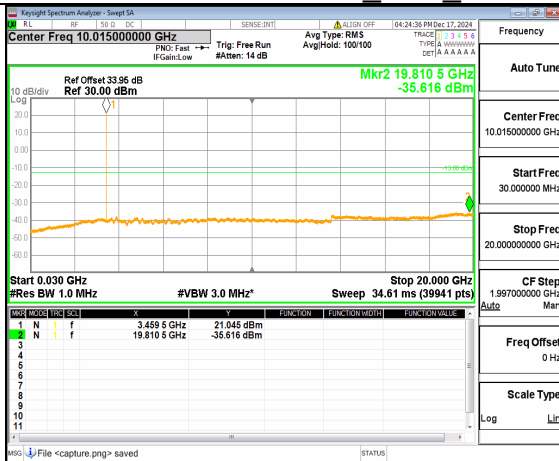
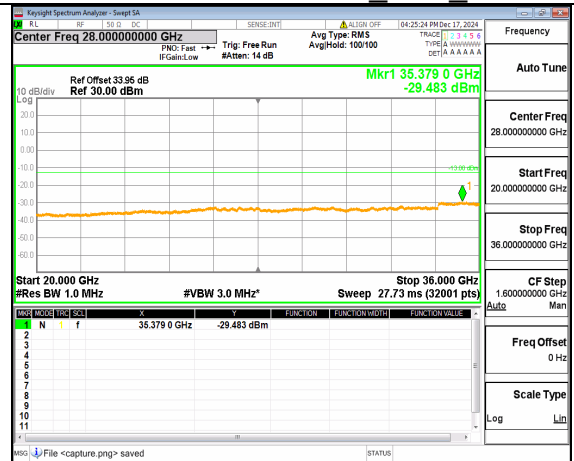
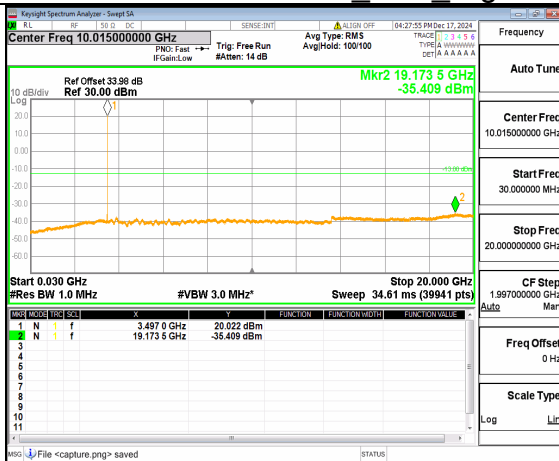
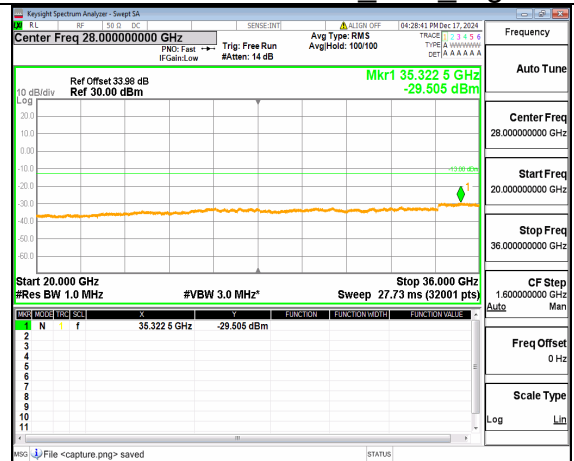


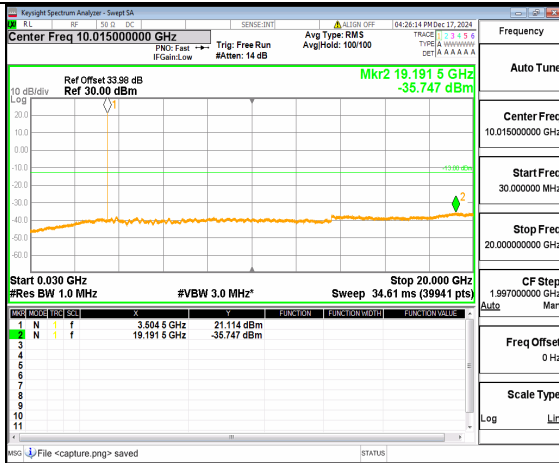
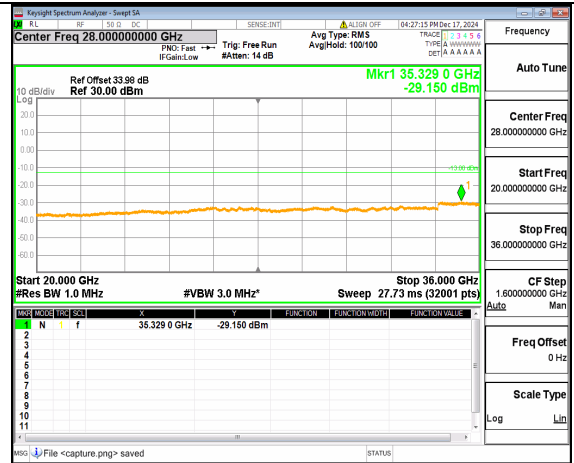
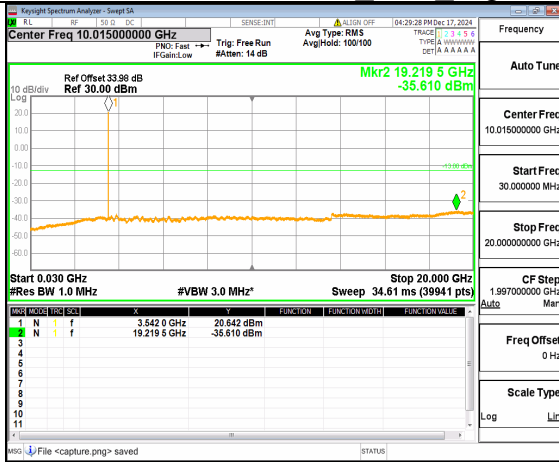
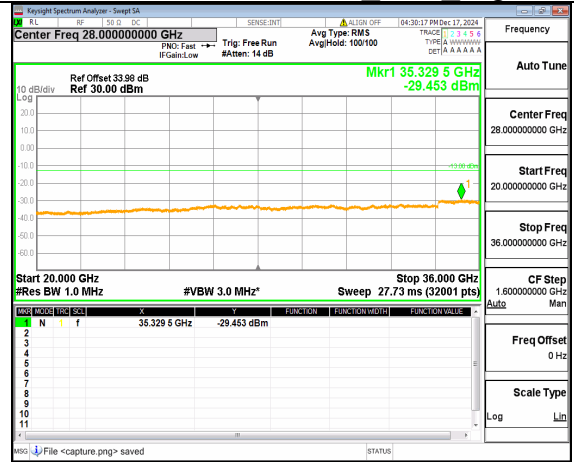
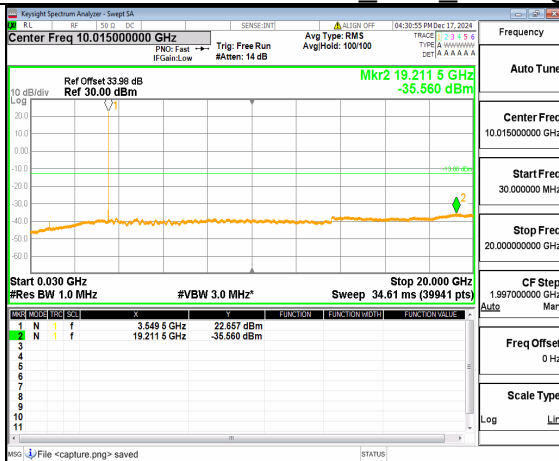
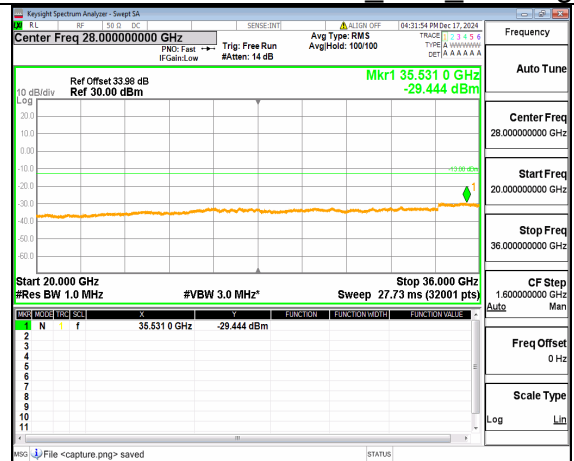


n78(3700-3800MHz)	30	15	652832	DFT-s-OFDM QPSK	1/36	undefined	-13	FAIL
n78(3700-3800MHz)	30	20	647334	DFT-s-OFDM QPSK	1/1	undefined	-13	FAIL
n78(3700-3800MHz)	30	20	647334	DFT-s-OFDM QPSK	1/1	undefined	-13	FAIL
n78(3700-3800MHz)	30	20	647334	DFT-s-OFDM QPSK	1/49	undefined	-13	FAIL
n78(3700-3800MHz)	30	20	647334	DFT-s-OFDM QPSK	1/49	undefined	-13	FAIL
n78(3700-3800MHz)	30	20	650000	DFT-s-OFDM QPSK	1/1	undefined	-13	FAIL
n78(3700-3800MHz)	30	20	650000	DFT-s-OFDM QPSK	1/1	undefined	-13	FAIL
n78(3700-3800MHz)	30	20	650000	DFT-s-OFDM QPSK	1/49	undefined	-13	FAIL
n78(3700-3800MHz)	30	20	650000	DFT-s-OFDM QPSK	1/49	undefined	-13	FAIL
n78(3700-3800MHz)	30	20	652666	DFT-s-OFDM QPSK	1/1	undefined	-13	FAIL
n78(3700-3800MHz)	30	20	652666	DFT-s-OFDM QPSK	1/1	undefined	-13	FAIL
n78(3700-3800MHz)	30	20	652666	DFT-s-OFDM QPSK	1/49	undefined	-13	FAIL
n78(3700-3800MHz)	30	20	652666	DFT-s-OFDM QPSK	1/49	undefined	-13	FAIL

n77(3450-3550MHz) (30MHz-20GHz) 10M
DFT-s-OFDM QPSK Inner 1RB Left Lown77(3450-3550MHz) (20GHz-36GHz) 10M
DFT-s-OFDM QPSK Inner 1RB Left Lown77(3450-3550MHz) (30MHz-20GHz) 10M
DFT-s-OFDM QPSK Inner 1RB Right Lown77(3450-3550MHz) (20GHz-36GHz) 10M
DFT-s-OFDM QPSK Inner 1RB Right Lown77(3450-3550MHz) (30MHz-20GHz) 10M
DFT-s-OFDM QPSK Inner 1RB Left Midn77(3450-3550MHz) (20GHz-36GHz) 10M
DFT-s-OFDM QPSK Inner 1RB Left Mid

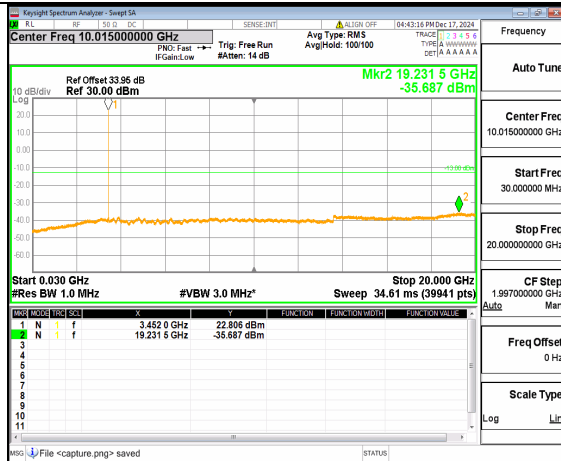


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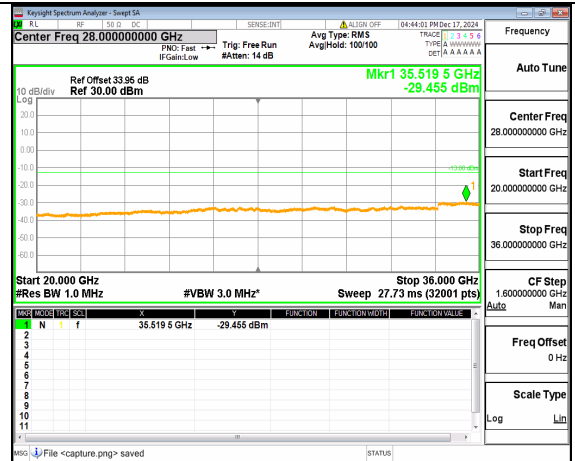
n77(3450-3550MHz) (30MHz-20GHz) 10M
DFT-s-OFDM QPSK Inner_1RB_Right Midn77(3450-3550MHz) (20GHz-36GHz) 10M
DFT-s-OFDM QPSK Inner_1RB_Right Midn77(3450-3550MHz) (30MHz-20GHz) 10M
DFT-s-OFDM QPSK Inner_1RB_Left Highn77(3450-3550MHz) (20GHz-36GHz) 10M
DFT-s-OFDM QPSK Inner_1RB_Left Highn77(3450-3550MHz) (30MHz-20GHz) 10M
DFT-s-OFDM QPSK Inner_1RB_Right Highn77(3450-3550MHz) (20GHz-36GHz) 10M
DFT-s-OFDM QPSK Inner_1RB_Right High



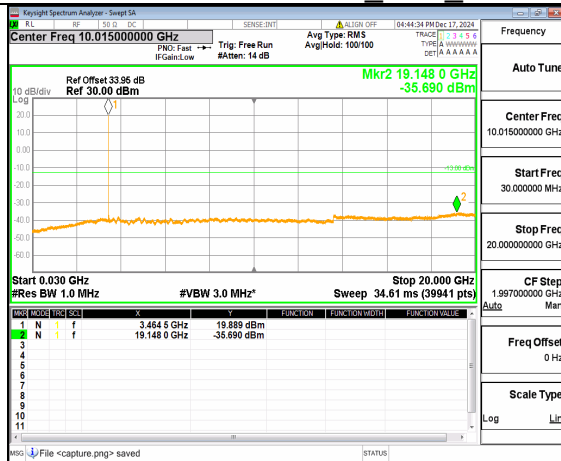
REPORT No.: SZ24100188W01



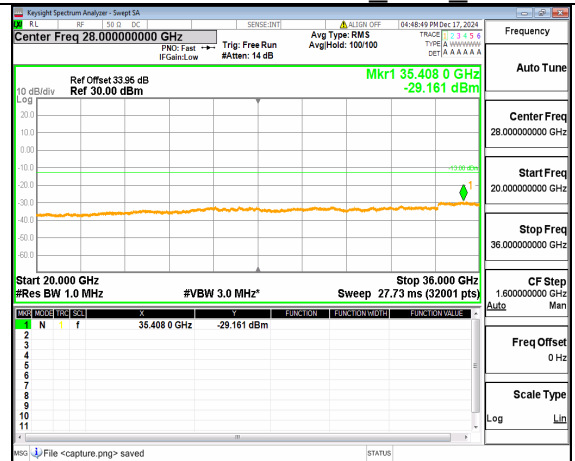
n77(3450-3550MHz) (30MHz-20GHz) 15M
DFT-s-OFDM QPSK Inner 1RB Left Low



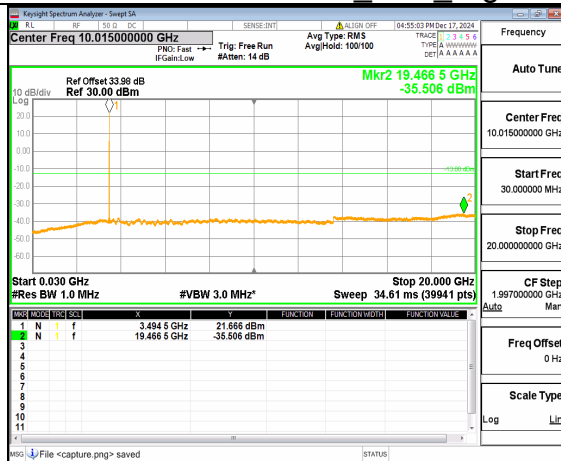
n77(3450-3550MHz) (20GHz-36GHz) 15M
DFT-s-OFDM QPSK Inner 1RB Left Low



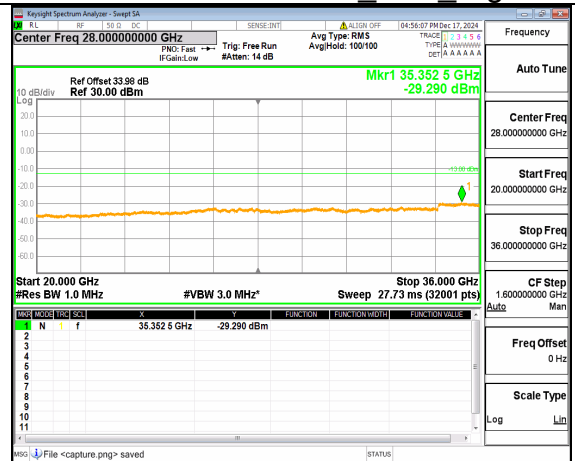
n77(3450-3550MHz) (30MHz-20GHz) 15M
DFT-s-OFDM QPSK Inner 1RB Right Low



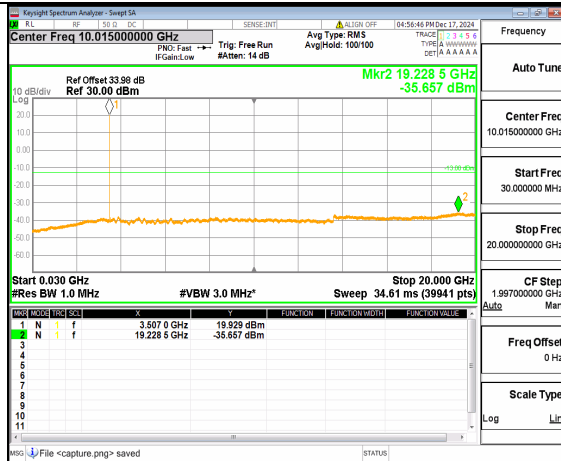
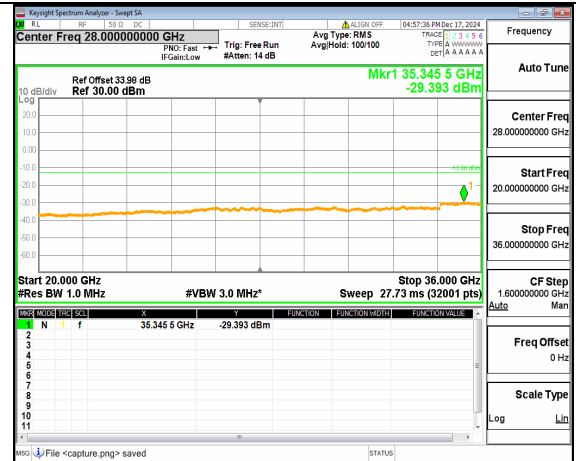
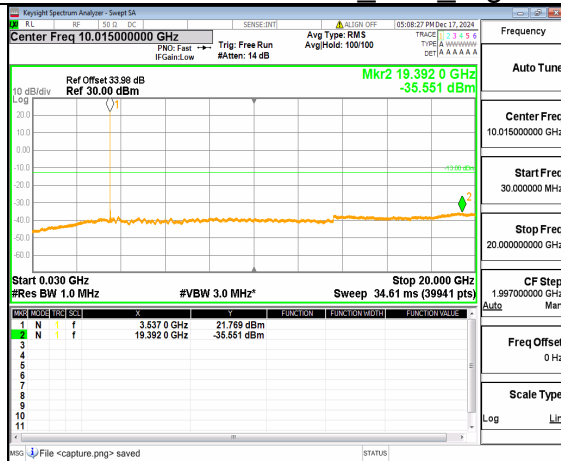
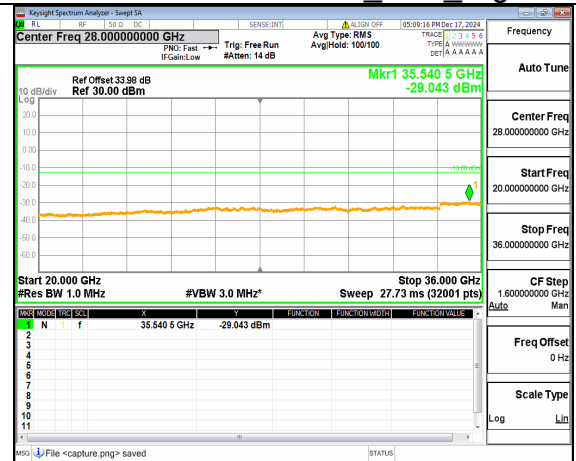
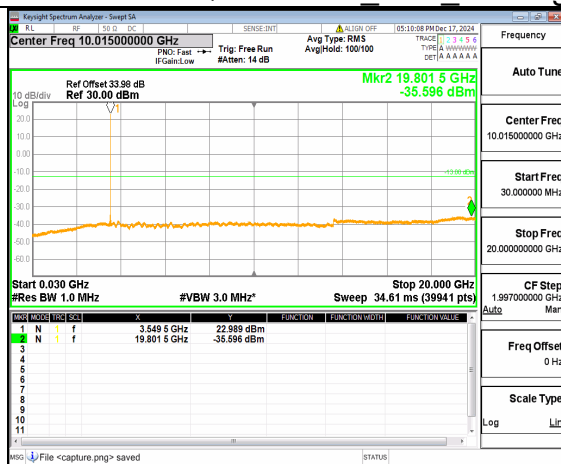
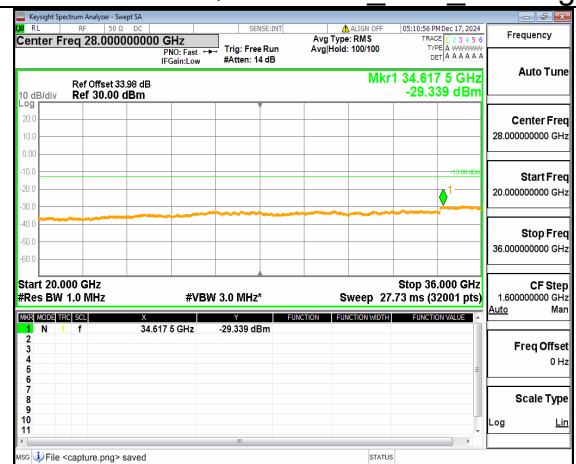
n77(3450-3550MHz) (20GHz-36GHz) 15M
DFT-s-OFDM QPSK Inner 1RB Right Low

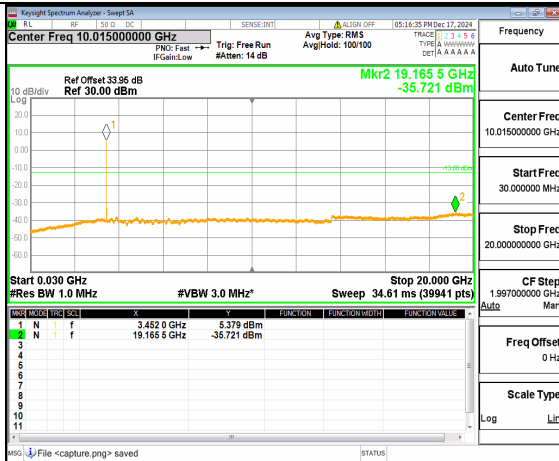
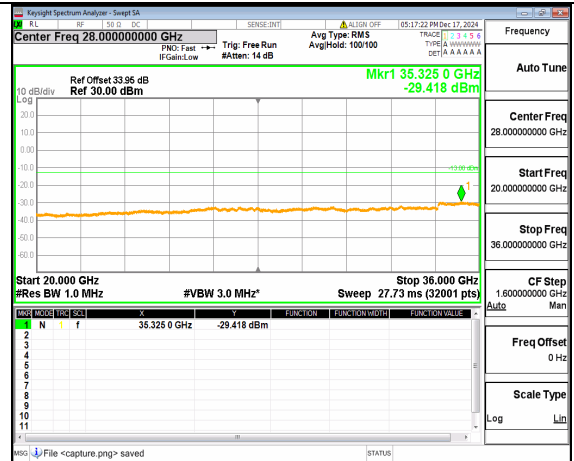
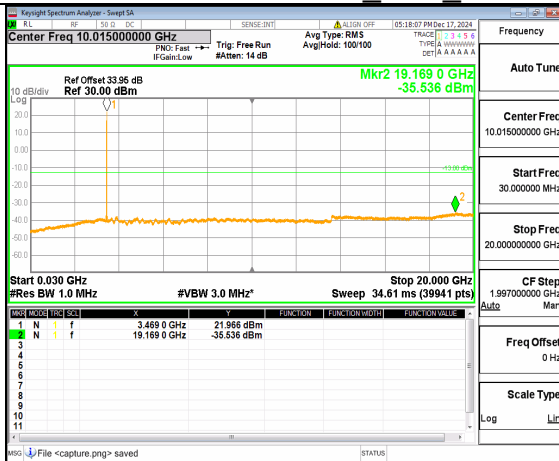
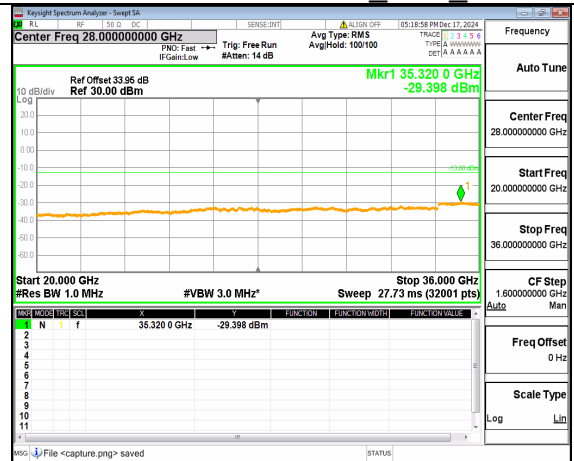
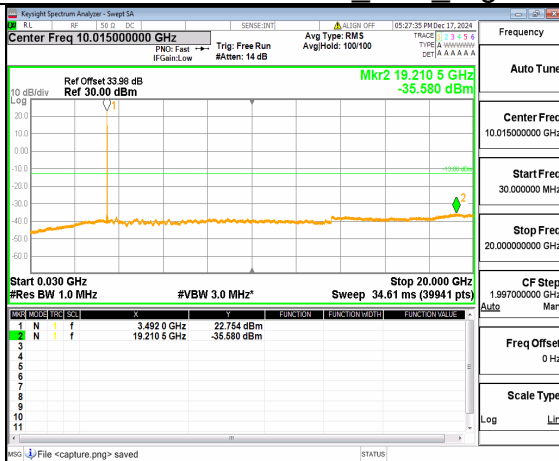
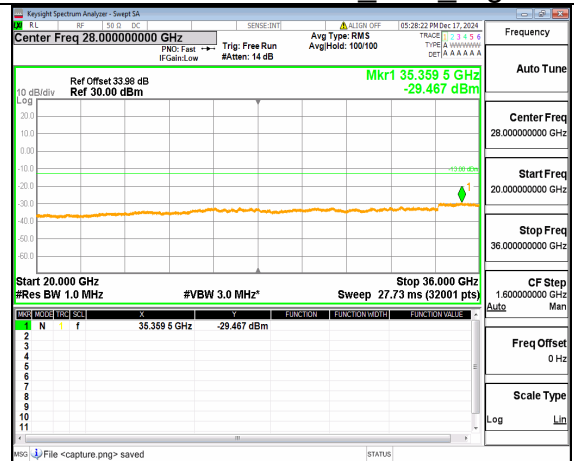


n77(3450-3550MHz) (30MHz-20GHz) 15M
DFT-s-OFDM QPSK Inner 1RB Left Mid



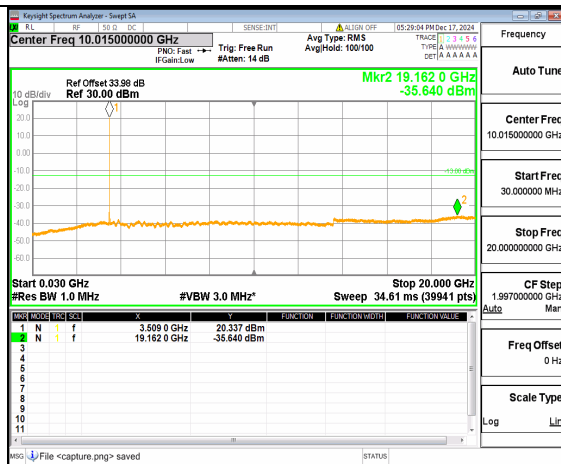
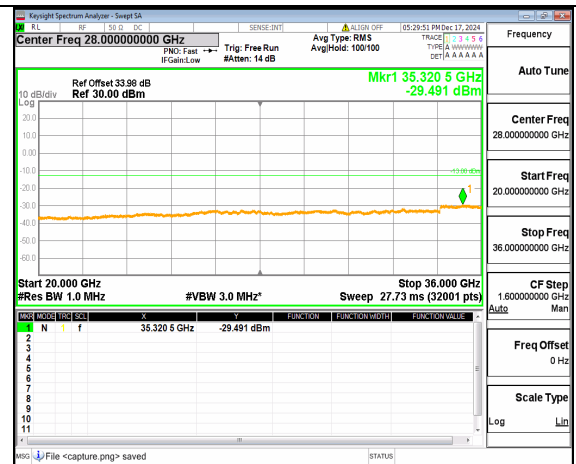
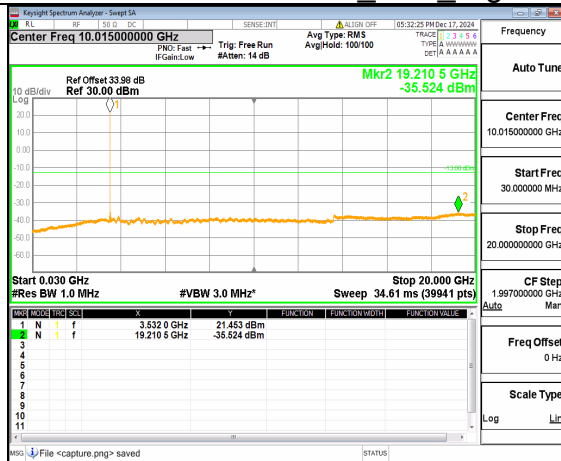
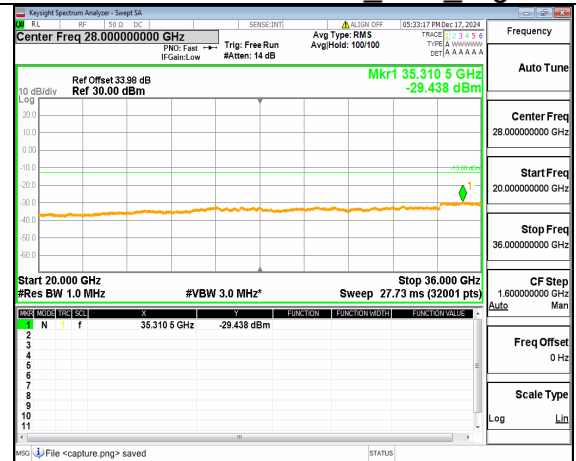
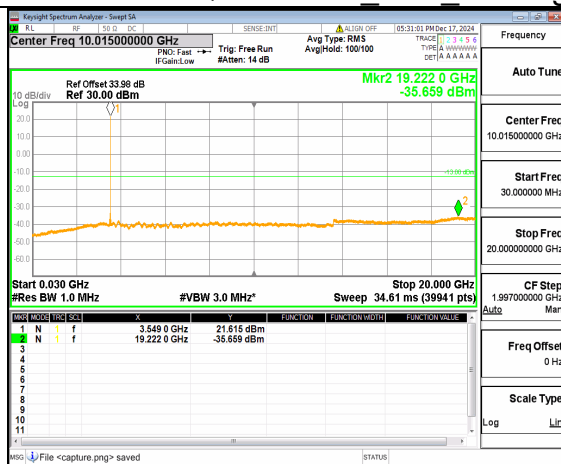
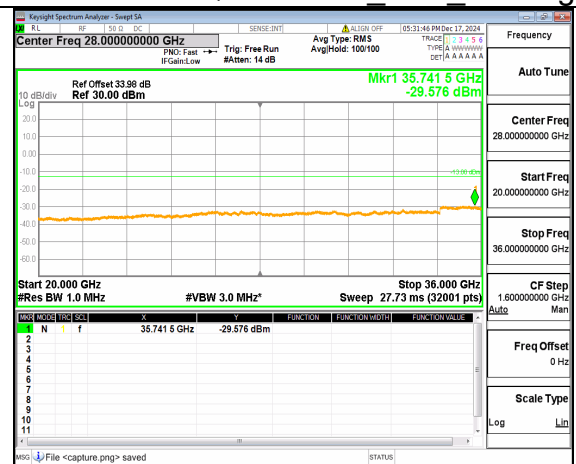
n77(3450-3550MHz) (20GHz-36GHz) 15M
DFT-s-OFDM QPSK Inner 1RB Left Mid

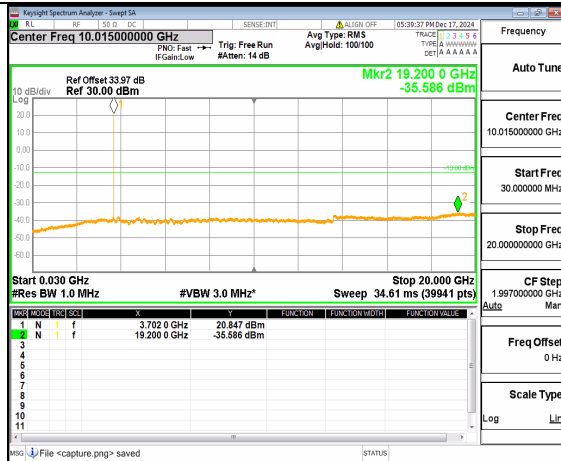
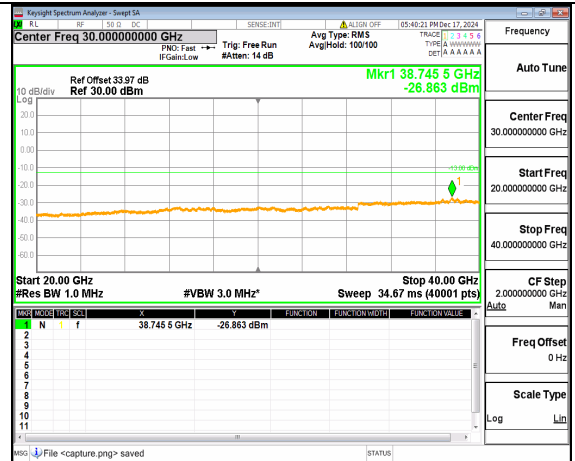
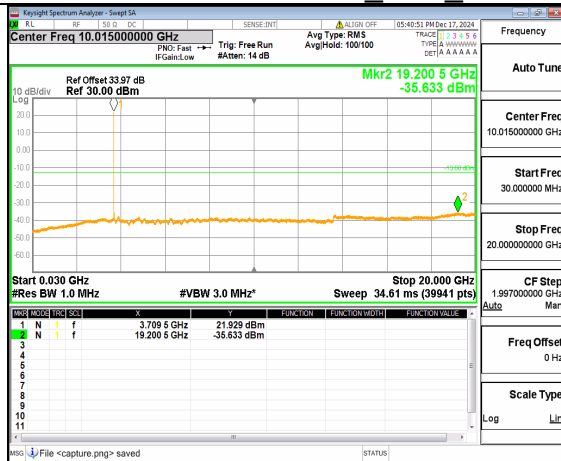
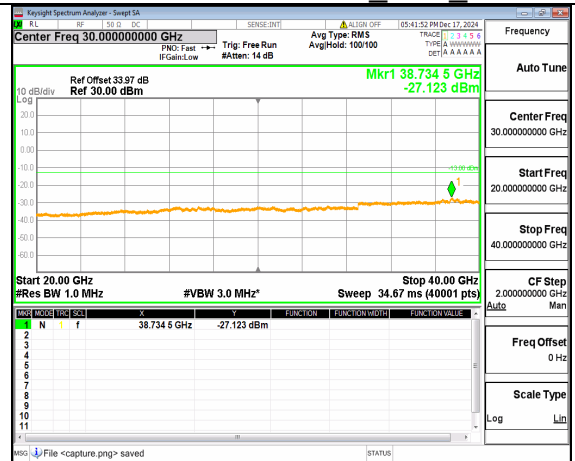
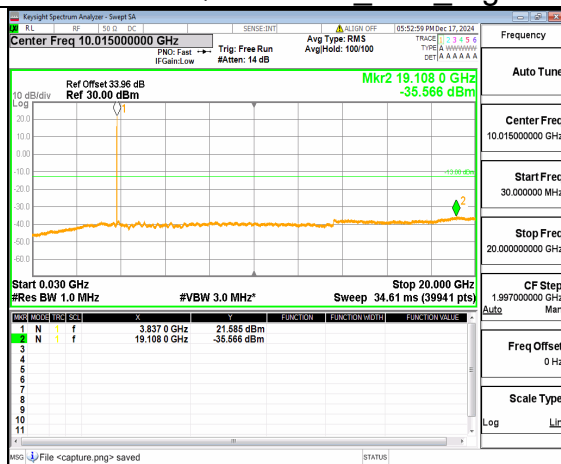
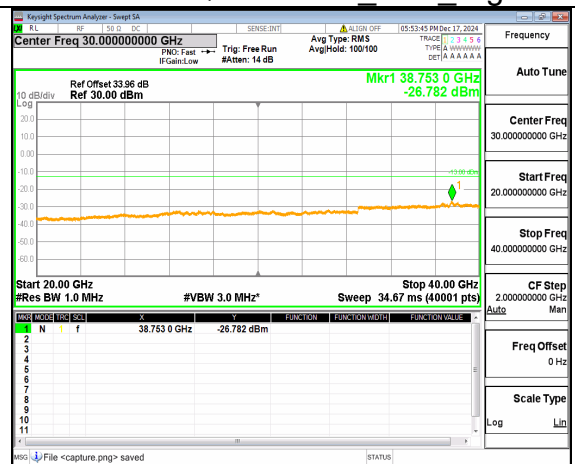
n77(3450-3550MHz) (30MHz-20GHz) 15M
DFT-s-OFDM QPSK Inner_1RB_Right Midn77(3450-3550MHz) (20GHz-36GHz) 15M
DFT-s-OFDM QPSK Inner_1RB_Right Midn77(3450-3550MHz) (30MHz-20GHz) 15M
DFT-s-OFDM QPSK Inner_1RB_Left Highn77(3450-3550MHz) (20GHz-36GHz) 15M
DFT-s-OFDM QPSK Inner_1RB_Left Highn77(3450-3550MHz) (30MHz-20GHz) 15M
DFT-s-OFDM QPSK Inner_1RB_Right Highn77(3450-3550MHz) (20GHz-36GHz) 15M
DFT-s-OFDM QPSK Inner_1RB_Right High

n77(3450-3550MHz) (30MHz-20GHz) 20M
DFT-s-OFDM QPSK Inner 1RB Left Lown77(3450-3550MHz) (20GHz-36GHz) 20M
DFT-s-OFDM QPSK Inner 1RB Left Lown77(3450-3550MHz) (30MHz-20GHz) 20M
DFT-s-OFDM QPSK Inner 1RB Right Lown77(3450-3550MHz) (20GHz-36GHz) 20M
DFT-s-OFDM QPSK Inner 1RB Right Lown77(3450-3550MHz) (30MHz-20GHz) 20M
DFT-s-OFDM QPSK Inner 1RB Left Midn77(3450-3550MHz) (20GHz-36GHz) 20M
DFT-s-OFDM QPSK Inner 1RB Left Mid



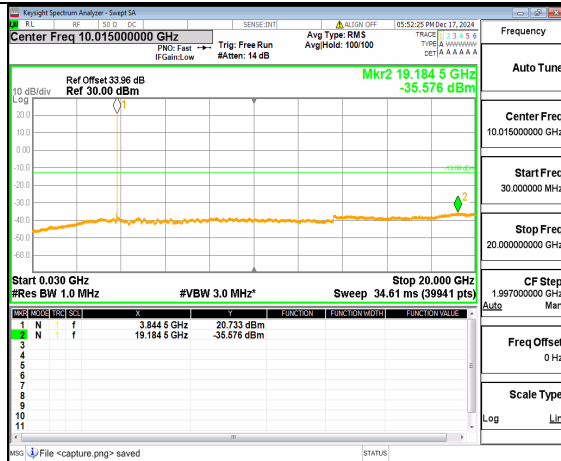
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n77(3450-3550MHz) (30MHz-20GHz) 20M
DFT-s-OFDM QPSK Inner_1RB_Right Midn77(3450-3550MHz) (20GHz-36GHz) 20M
DFT-s-OFDM QPSK Inner_1RB_Right Midn77(3450-3550MHz) (30MHz-20GHz) 20M
DFT-s-OFDM QPSK Inner_1RB_Left Highn77(3450-3550MHz) (20GHz-36GHz) 20M
DFT-s-OFDM QPSK Inner_1RB_Left Highn77(3450-3550MHz) (30MHz-20GHz) 20M
DFT-s-OFDM QPSK Inner_1RB_Right Highn77(3450-3550MHz) (20GHz-36GHz) 20M
DFT-s-OFDM QPSK Inner_1RB_Right High

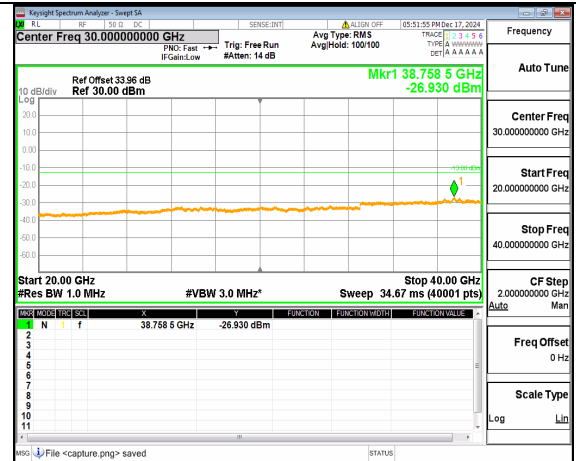
n77(3700-3980MHz) (30MHz-20GHz) 10M
DFT-s-OFDM QPSK Inner 1RB Left Lown77(3700-3980MHz) (20GHz-40GHz) 10M
DFT-s-OFDM QPSK Inner 1RB Left Lown77(3700-3980MHz) (30MHz-20GHz) 10M
DFT-s-OFDM QPSK Inner 1RB Right Lown77(3700-3980MHz) (20GHz-40GHz) 10M
DFT-s-OFDM QPSK Inner 1RB Right Lown77(3700-3980MHz) (30MHz-20GHz) 10M
DFT-s-OFDM QPSK Inner 1RB Left Midn77(3700-3980MHz) (20GHz-40GHz) 10M
DFT-s-OFDM QPSK Inner 1RB Left Mid



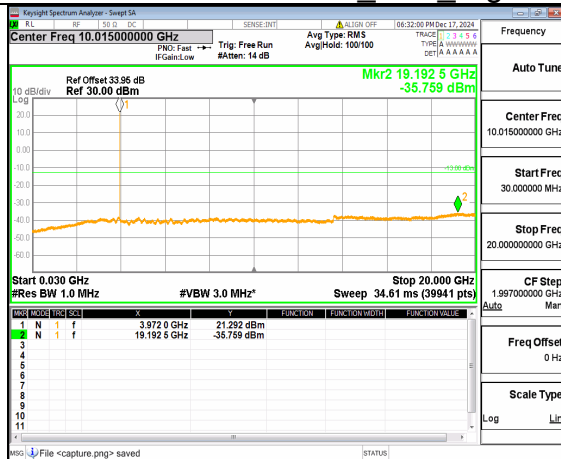
REPORT No.: SZ24100188W01



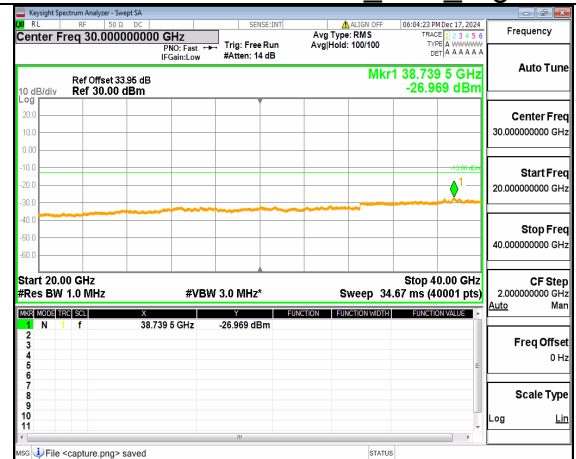
n77(3700-3980MHz) (30MHz-20GHz) 10M
DFT-s-OFDM QPSK Inner_1RB_Right Mid



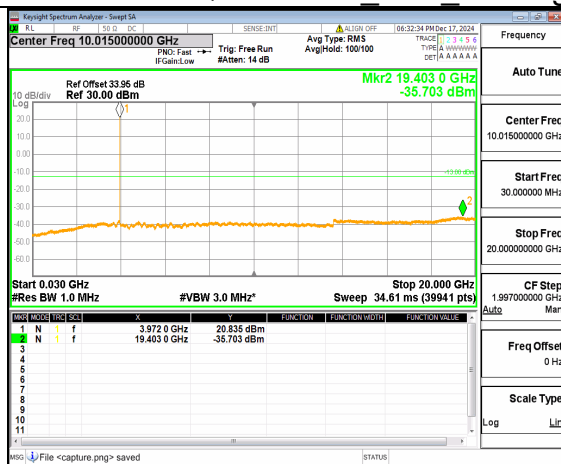
n77(3700-3980MHz) (20GHz-40GHz) 10M
DFT-s-OFDM QPSK Inner_1RB_Right Mid



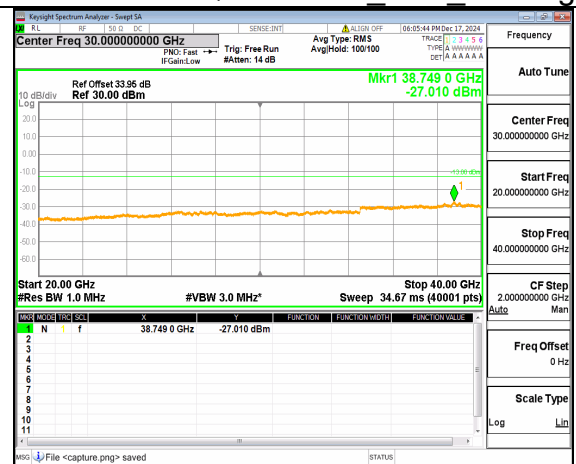
n77(3700-3980MHz) (30MHz-20GHz) 10M
DFT-s-OFDM QPSK Inner_1RB_Left High



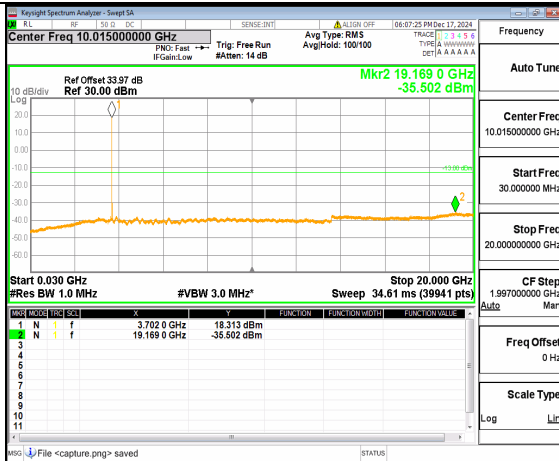
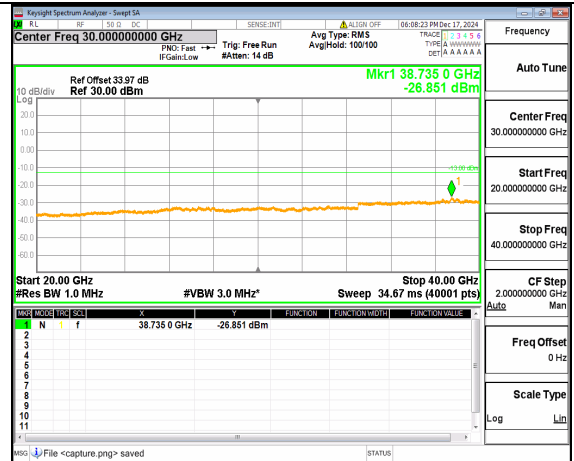
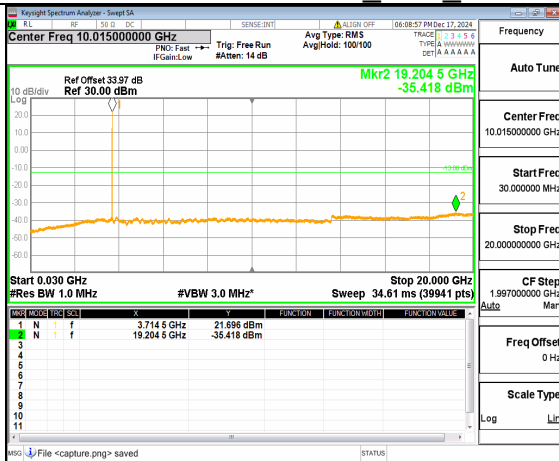
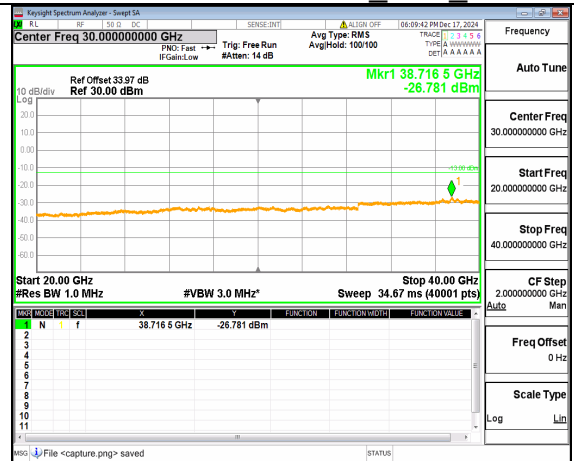
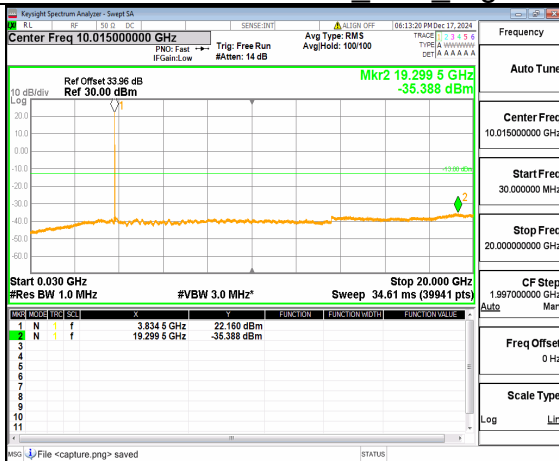
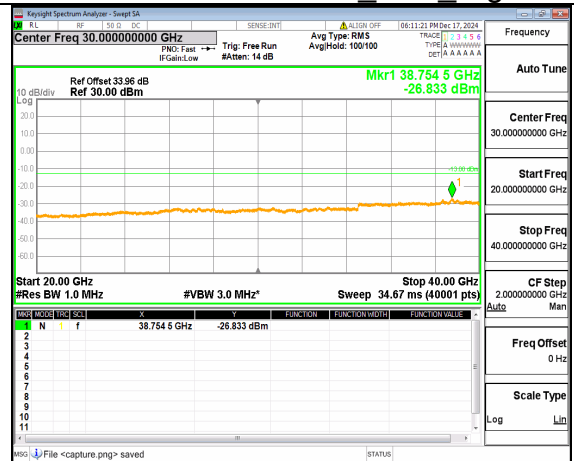
n77(3700-3980MHz) (20GHz-40GHz) 10M
DFT-s-OFDM QPSK Inner_1RB_Left High

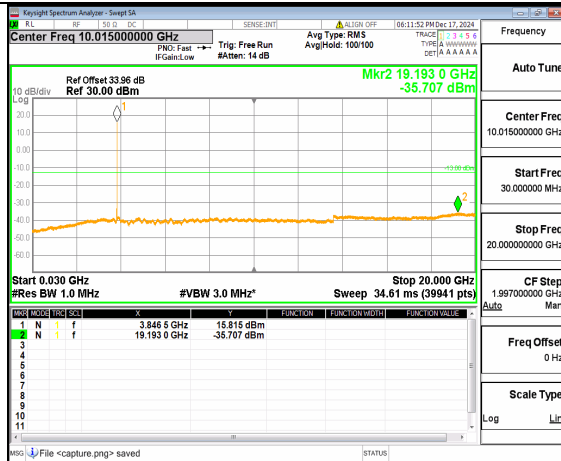
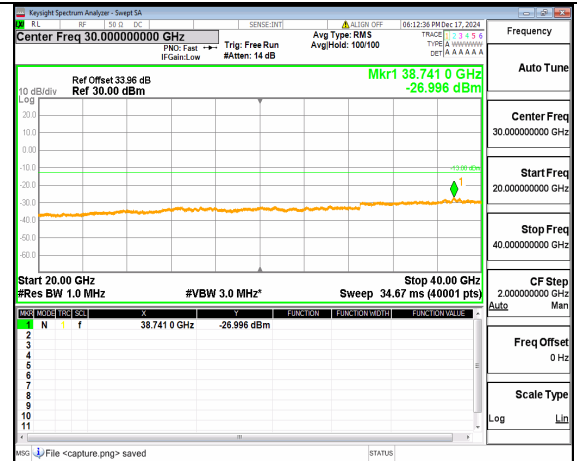
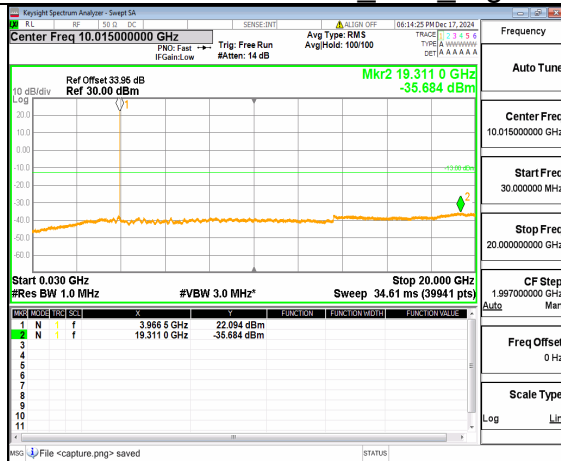
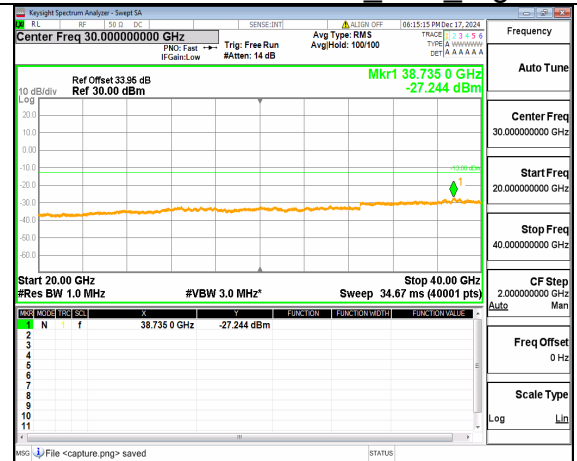
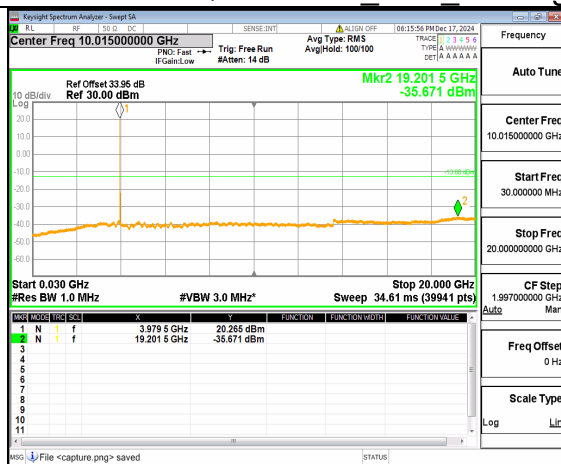
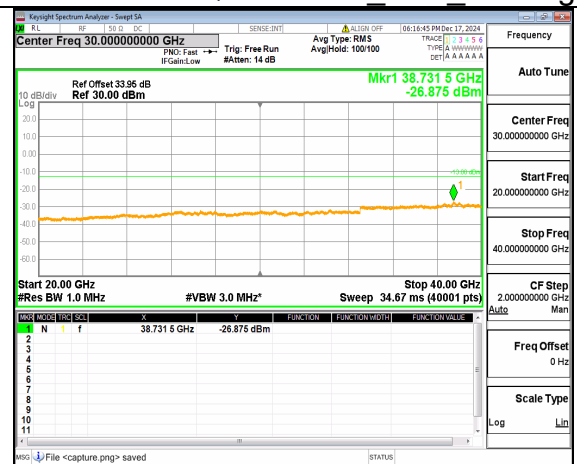


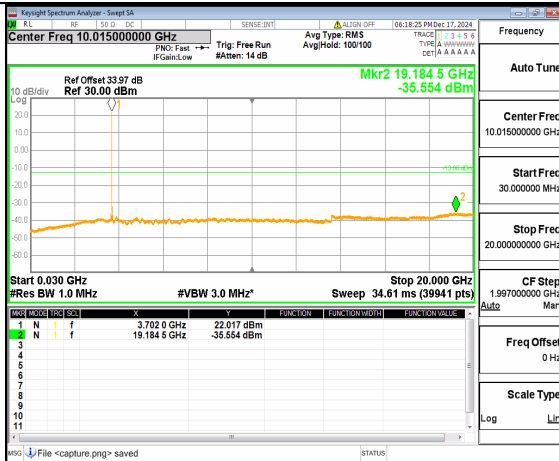
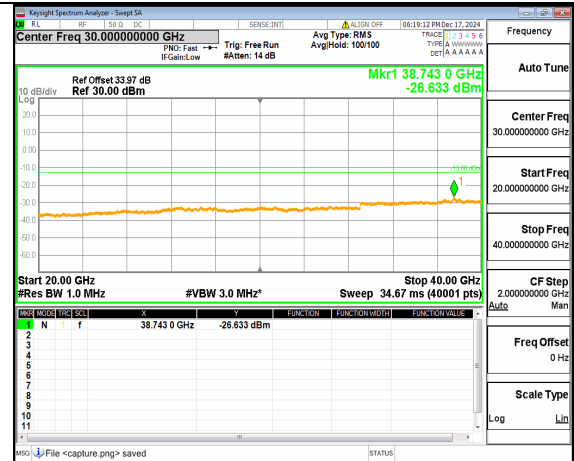
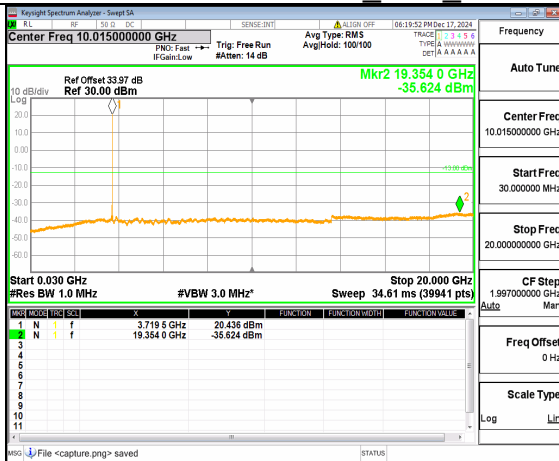
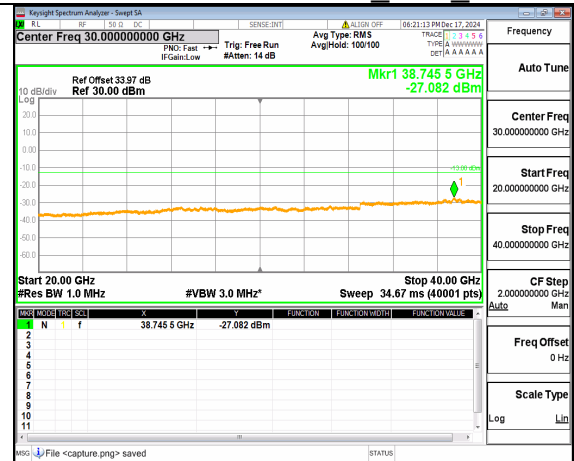
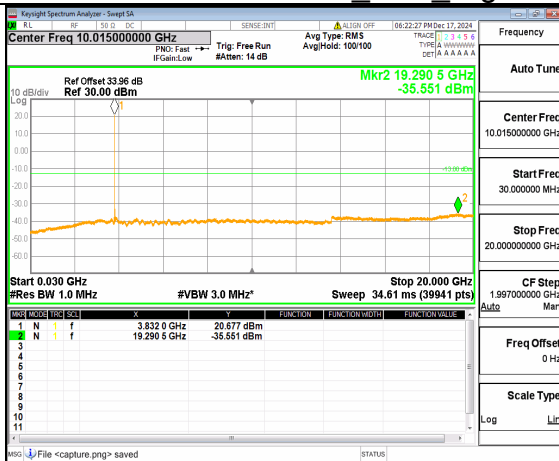
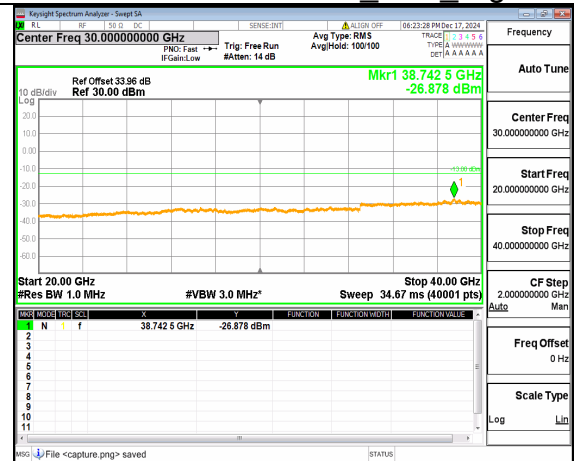
n77(3700-3980MHz) (30MHz-20GHz) 10M
DFT-s-OFDM QPSK Inner_1RB_Right High



n77(3700-3980MHz) (20GHz-40GHz) 10M
DFT-s-OFDM QPSK Inner_1RB_Right High

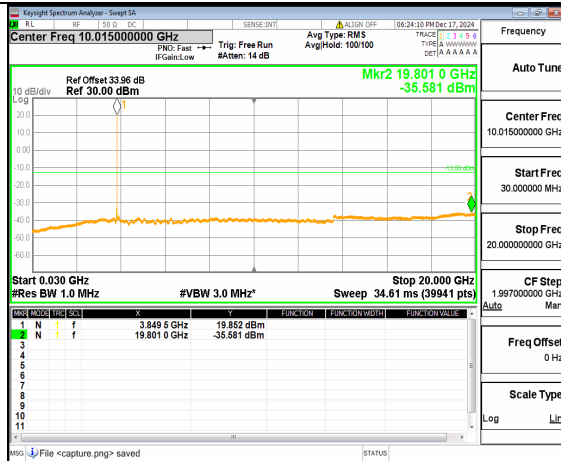
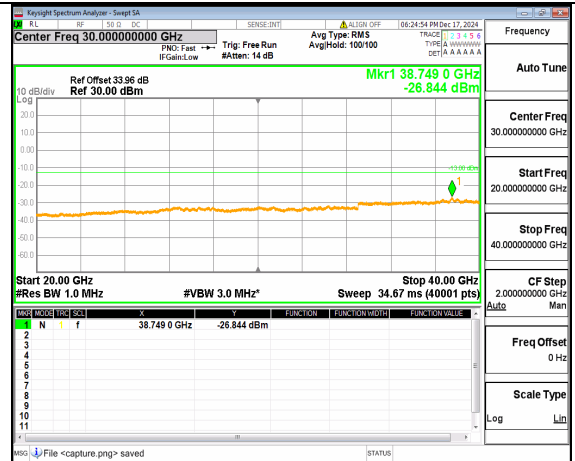
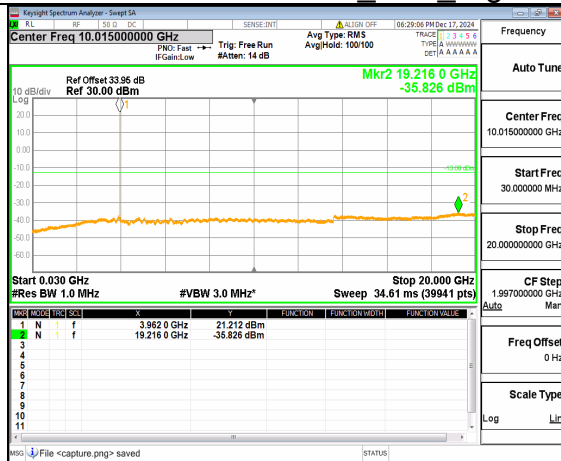
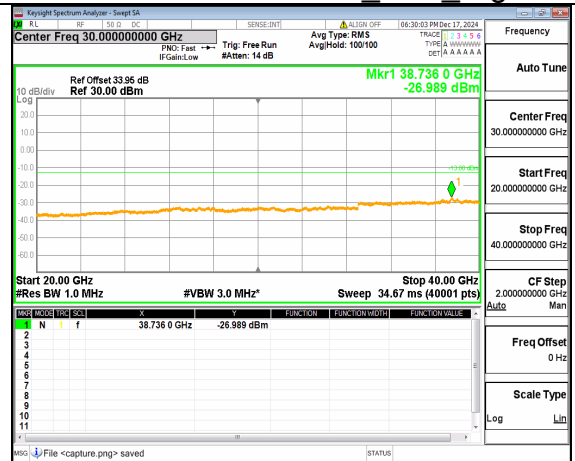
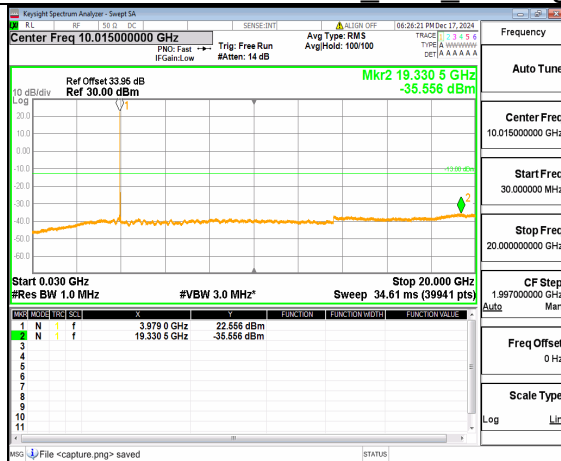
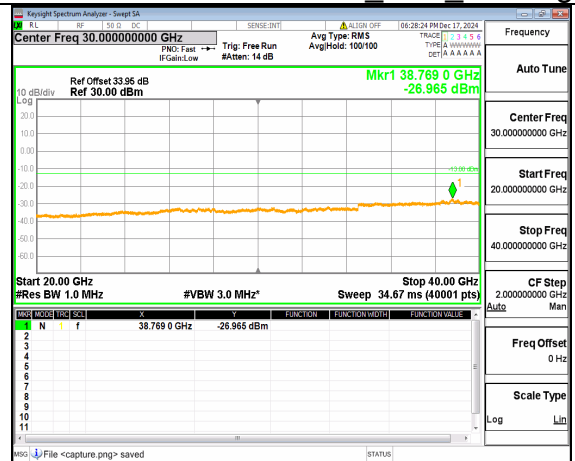
n77(3700-3980MHz) (30MHz-20GHz) 15M
DFT-s-OFDM QPSK Inner 1RB Left Lown77(3700-3980MHz) (20GHz-40GHz) 15M
DFT-s-OFDM QPSK Inner 1RB Left Lown77(3700-3980MHz) (30MHz-20GHz) 15M
DFT-s-OFDM QPSK Inner 1RB Right Lown77(3700-3980MHz) (20GHz-40GHz) 15M
DFT-s-OFDM QPSK Inner 1RB Right Lown77(3700-3980MHz) (30MHz-20GHz) 15M
DFT-s-OFDM QPSK Inner 1RB Left Midn77(3700-3980MHz) (20GHz-40GHz) 15M
DFT-s-OFDM QPSK Inner 1RB Left Mid

n77(3700-3980MHz) (30MHz-20GHz) 15M
DFT-s-OFDM QPSK Inner_1RB_Right Midn77(3700-3980MHz) (20GHz-40GHz) 15M
DFT-s-OFDM QPSK Inner_1RB_Right Midn77(3700-3980MHz) (30MHz-20GHz) 15M
DFT-s-OFDM QPSK Inner_1RB_Left Highn77(3700-3980MHz) (20GHz-40GHz) 15M
DFT-s-OFDM QPSK Inner_1RB_Left Highn77(3700-3980MHz) (30MHz-20GHz) 15M
DFT-s-OFDM QPSK Inner_1RB_Right Highn77(3700-3980MHz) (20GHz-40GHz) 15M
DFT-s-OFDM QPSK Inner_1RB_Right High

n77(3700-3980MHz) (30MHz-20GHz) 20M
DFT-s-OFDM QPSK Inner 1RB Left Lown77(3700-3980MHz) (20GHz-40GHz) 20M
DFT-s-OFDM QPSK Inner 1RB Left Lown77(3700-3980MHz) (30MHz-20GHz) 20M
DFT-s-OFDM QPSK Inner 1RB Right Lown77(3700-3980MHz) (20GHz-40GHz) 20M
DFT-s-OFDM QPSK Inner 1RB Right Lown77(3700-3980MHz) (30MHz-20GHz) 20M
DFT-s-OFDM QPSK Inner 1RB Left Midn77(3700-3980MHz) (20GHz-40GHz) 20M
DFT-s-OFDM QPSK Inner 1RB Left Mid



REPORT No.: SZ24100188W01

n77(3700-3980MHz) (30MHz-20GHz) 20M
DFT-s-OFDM QPSK Inner_1RB_Right Midn77(3700-3980MHz) (20GHz-40GHz) 20M
DFT-s-OFDM QPSK Inner_1RB_Right Midn77(3700-3980MHz) (30MHz-20GHz) 20M
DFT-s-OFDM QPSK Inner_1RB_Left Highn77(3700-3980MHz) (20GHz-40GHz) 20M
DFT-s-OFDM QPSK Inner_1RB_Left Highn77(3700-3980MHz) (30MHz-20GHz) 20M
DFT-s-OFDM QPSK Inner_1RB_Right Highn77(3700-3980MHz) (20GHz-40GHz) 20M
DFT-s-OFDM QPSK Inner_1RB_Right High



REPORT No.: SZ24100188W01

2.6. End User Device Additional Requirements (CBSD Protocol)

2.6.1.Requirement

According to FCC section Part 96.47,

- (a) End User Devices may operate only if they can positively receive and decode an authorization signal transmitted by a CBSD, including the frequencies and power limits for their operation. An End User Device must discontinue operations, change frequencies, or change its operational power level within 10 seconds of receiving instructions from its associated CBSD.
- (b) Any device operated at higher power than specified for End User Devices in Part 96.41 will be classified as, and subject to, the operational requirements of a CBSD.

2.6.2.Test Description

End user device additional requirements (CBSD Protocol) are tested per the test procedures listed below. During testing, the EUT is connected to a certified CBSD (Kingsignal LBS7320 FCC ID: P27-SCE5164-B48) as a companion device to show compliance with Part 96.47. End User Devices may operate only if they can positively receive and decode an authorization signal transmitted by a CBSD, including the frequencies and power limits for their operation. An End User Device must discontinue operations, change frequencies, or change its operational power level within 10 seconds of receiving instructions from its associated CBSD.

2.6.3.Test Procedure

KDB 940660 D01 Part 96 CBRS Eqpt v02.

2.6.4.Test Result

The EUT was connected via an RF cable to a certified CBSD and spectrum analyzer
Test Graph 1:

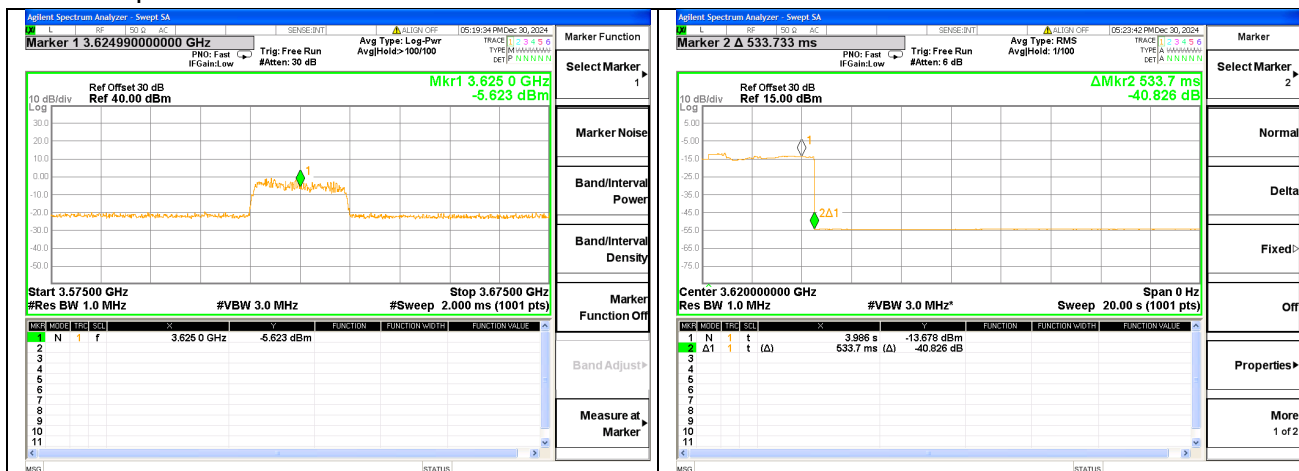
- a. Setup frequency with 3625MHz
- b. Check EUT Tx frequency.
- c. Disable AP service and check EUT stop transmission within 10s.

Test Graph 2:

- a. Setup frequency with 3690.00MHz
- b. Check EUT Tx frequency.
- c. Disable AP service and check EUT stop transmission within 10s



Test Graph 1

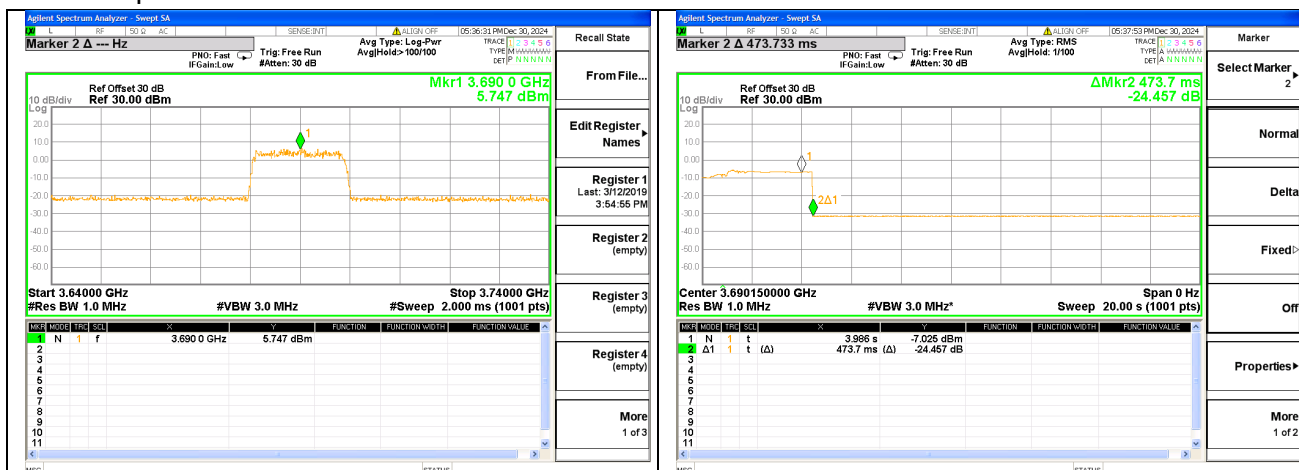


Note:

Marker 1: CBSD sends instructions to discontinue NR operations.

Marker 2: EUT discontinues operation

Test Graph 2



Note:

Marker 1: CBSD sends instructions to discontinue NR operations.

Marker 2: EUT discontinues operation

2.7. Band Edge

2.7.1.Requirement

n2, 25

According to FCC section 24.238(a), for operations in the 1850–1910MHz bands, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dBm a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

n5, 26(824-849MHz)

According to FCC section 22.917(a), for operations in the 824–849MHz bands, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dBm a 100kHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

n7, 38, 41

According to FCC section 27.53(m) (4), for mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log(P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log(P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log(P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log(P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log(P)$ dB at or below 2490.5 MHz Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.



n12, 71

According to FCC section 27.53(g), for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

n14

According to FCC section 90.543(e), for operations in the 758-768 MHz and the 788-798 MHz bands, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

- (1) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than $65 + 10 \log (P)$ dB in a 6.25 kHz band segment, for mobile and portable stations.
- (2) On any frequency between 775-788 MHz, above 805 MHz, and below 758 MHz, by at least $43 + 10 \log (P)$ dB.
- (3) Compliance with the provisions of paragraphs (e)(1) and (2) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.
- (4) Compliance with the provisions of paragraph (e)(3) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of 30 kHz may be employed.

n26 (814-824MHz)

According to FCC section 90.691(a) (2), for any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

n30

According to FCC section 27.53(a) (4), for mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:

- (i) By a factor of not less than: $43 + 10 \log (P)$ dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of

operation, not less than $55 + 10 \log (P)$ dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than $61 + 10 \log (P)$ dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than $67 + 10 \log (P)$ dB on all frequencies between 2328 and 2337 MHz;

(ii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2300 and 2305 MHz, $55 + 10 \log (P)$ dB on all frequencies between 2296 and 2300 MHz, $61 + 10 \log (P)$ dB on all frequencies between 2292 and 2296 MHz, $67 + 10 \log (P)$ dB on all frequencies between 2288 and 2292 MHz, and $70 + 10 \log (P)$ dB below 2288 MHz;

(iii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2360 and 2365 MHz, and not less than $70 + 10 \log (P)$ dB above 2365 MHz.

n48

Part 96.41(e)(1)(i)

For channel and frequency assignments made by the SAS to CBSDs, the conducted power of any CBSD emission outside the fundamental emission bandwidth as specified in paragraph (e)(3) of this section (whether the emission is inside or outside of the authorized band) shall not exceed -13 dBm/MHz within 0-10 megahertz above the upper SAS-assigned channel edge and within 0-10 megahertz below the lower SAS-assigned channel edge. At all frequencies greater than 10 megahertz above the upper SAS assigned channel edge and less than 10 MHz below the lower SAS assigned channel edge, the conducted power of any CBSD emission shall not exceed -25 dBm/MHz.

Part 96.41(e)(1)(ii)

For channel and frequency assignments made by a CBSD to End User Devices, the conducted power of any End User Device emission outside the fundamental emission (whether in or outside of the authorized band) shall not exceed -13 dBm/MHz within 0 to B megahertz (where B is the bandwidth in megahertz of the assigned channel or multiple contiguous channels of the End User Device) above the upper CBSD-assigned channel edge and within 0 to B megahertz below the lower CBSD-assigned channel edge. At all frequencies greater than B megahertz above the upper CBSD assigned channel edge and less than B megahertz below the lower CBSD-assigned channel edge, the conducted power of any End User Device emission shall not exceed -25 dBm/MHz.

Part 96.41(e)(2)

For CBSDs and End User Devices, the conducted power of emissions below 3540 MHz or above 3710 MHz shall not exceed -25 dBm/MHz, and the conducted power of emissions below 3530 MHz or above 3720 MHz shall not exceed -40 dBm/MHz.

n66

According to FCC section 27.53(h), for operations in the 1710–1755 MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10}(P)$ dBm 1 MHz bandwidth. However, in the 1 MHz bands immediately

outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

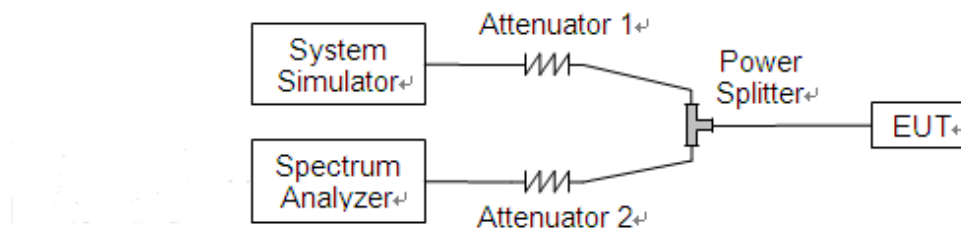
n77 (3700-3980MHz)

According to FCC section 27.53(l) (2) for, for mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. Compliance with this paragraph (l)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1-megahertz bands immediately outside and adjacent to the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be either one percent of the emission bandwidth of the fundamental emission of the transmitter or 350 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

n77 (3450-3550MHz)

According to FCC section 27.53(n) (2) for,for mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. Compliance with this paragraph (n)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed, but limited to a maximum of 200 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

2.7.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

2.7.3.Test procedure

KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.

2.7.4.Test Result

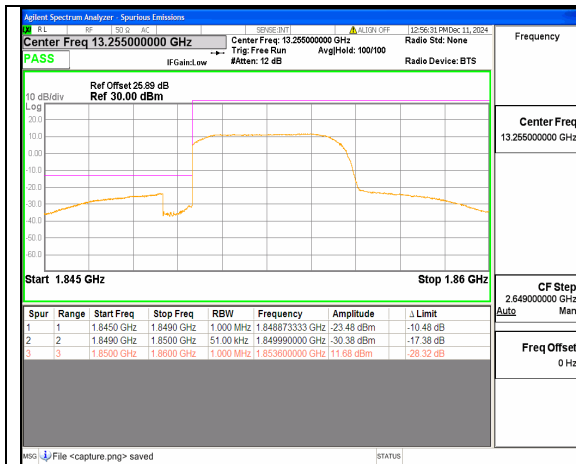
The center frequency of spectrum is the band edge frequency and span is 2MHz, Record the max trace into the test report.

Note: In the same NR frequency band, The measured power in SA mode is higher than that in NSA mode, SA mode is selected to test all test cases.

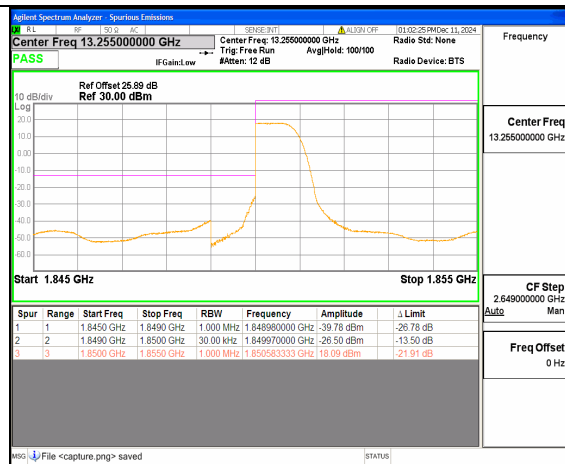
Band	SCS (kHz)	BW (MHz)	ARFCN	Modulation	RB	Verdict
n2	15	5	370500	DFT-s-OFDM QPSK	25/0	PASS
n2	15	5	370500	DFT-s-OFDM QPSK	1/0	PASS
n2	15	5	381500	DFT-s-OFDM QPSK	25/0	PASS
n2	15	5	381500	DFT-s-OFDM QPSK	1/24	PASS
n2	15	10	371000	DFT-s-OFDM QPSK	50/0	PASS
n2	15	10	371000	DFT-s-OFDM QPSK	1/0	PASS
n2	15	10	381000	DFT-s-OFDM QPSK	50/0	PASS



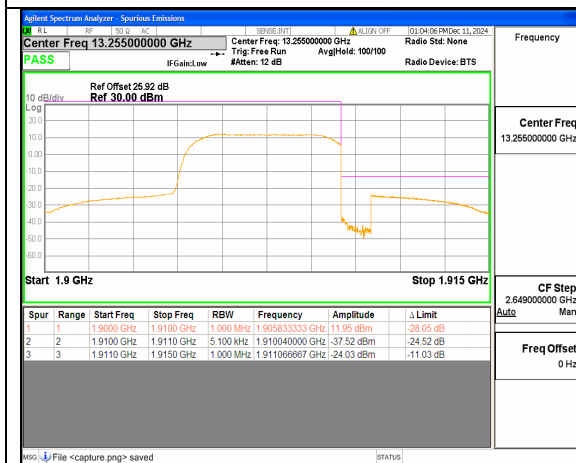
n2	15	10	381000	DFT-s-OFDM QPSK	1/51	PASS
n2	15	15	371500	DFT-s-OFDM QPSK	75/0	PASS
n2	15	15	371500	DFT-s-OFDM QPSK	1/0	PASS
n2	15	15	380500	DFT-s-OFDM QPSK	75/0	PASS
n2	15	15	380500	DFT-s-OFDM QPSK	1/78	PASS
n2	15	20	372000	DFT-s-OFDM QPSK	100/0	PASS
n2	15	20	372000	DFT-s-OFDM QPSK	1/0	PASS
n2	15	20	380000	DFT-s-OFDM QPSK	100/0	PASS
n2	15	20	380000	DFT-s-OFDM QPSK	1/105	PASS



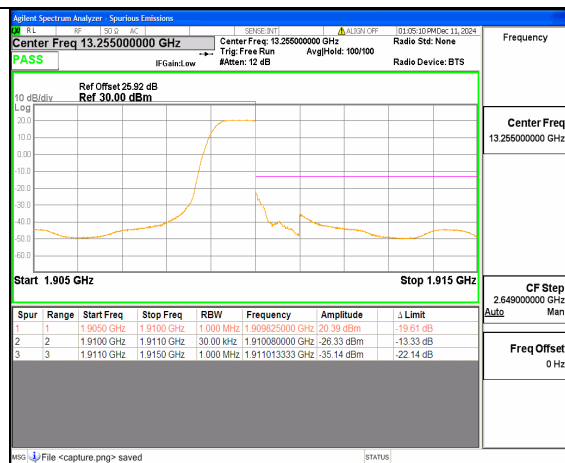
n2 5M DFT-s-OFDM QPSK Outer_Full Low



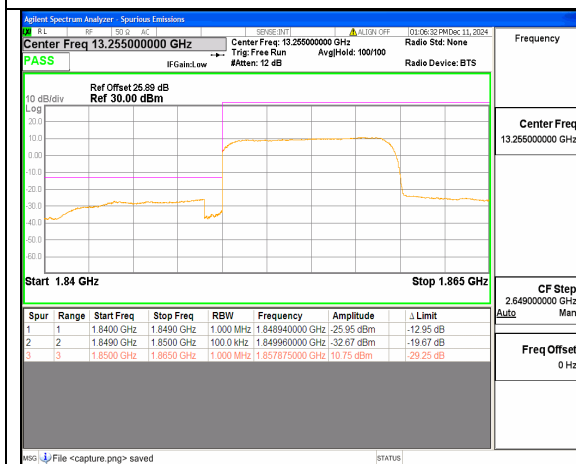
n2 5M DFT-s-OFDM QPSK Edge_1RB_Left Low



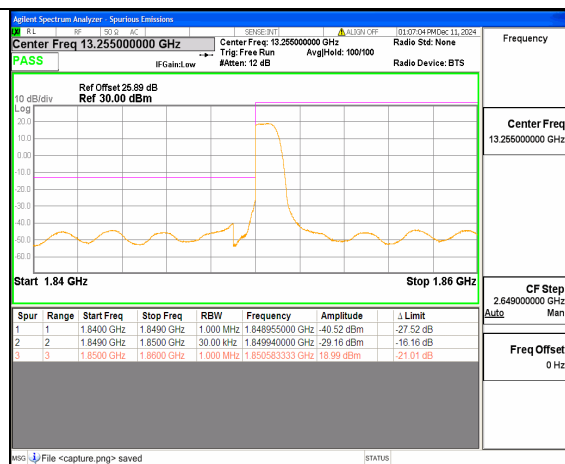
n2 5M DFT-s-OFDM QPSK Outer_Full High



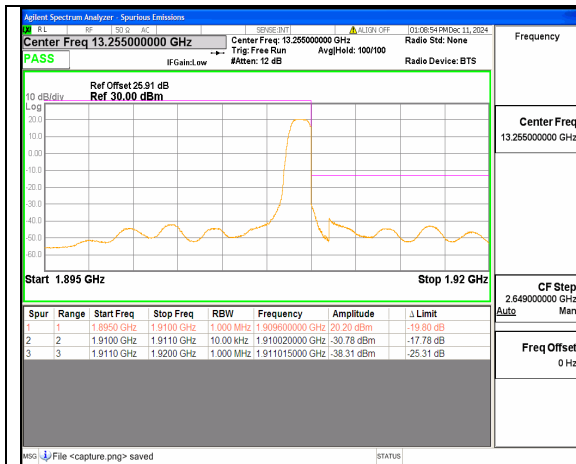
n2 5M DFT-s-OFDM QPSK Edge_1RB_Right High



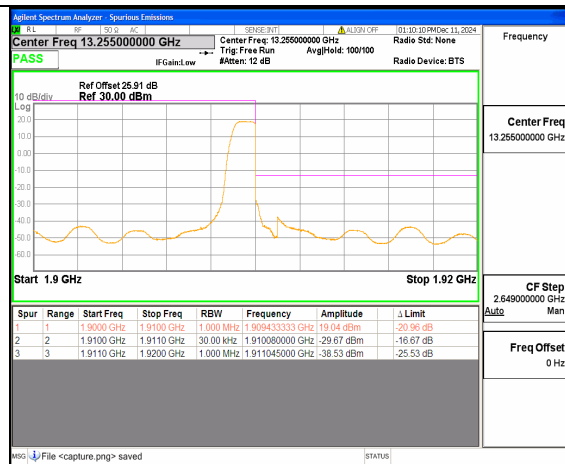
n2 10M DFT-s-OFDM QPSK Outer_Full Low



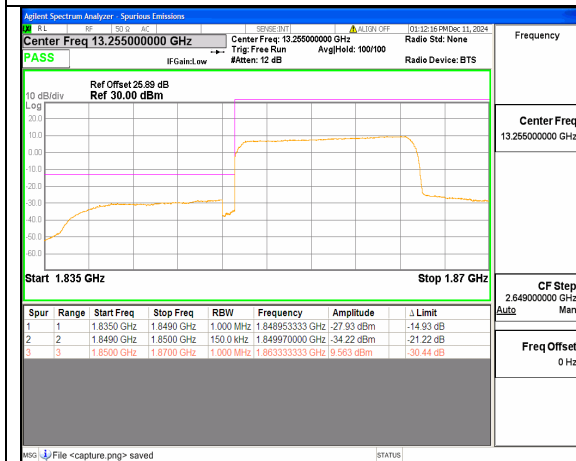
n2 10M DFT-s-OFDM QPSK Edge_1RB_Left Low



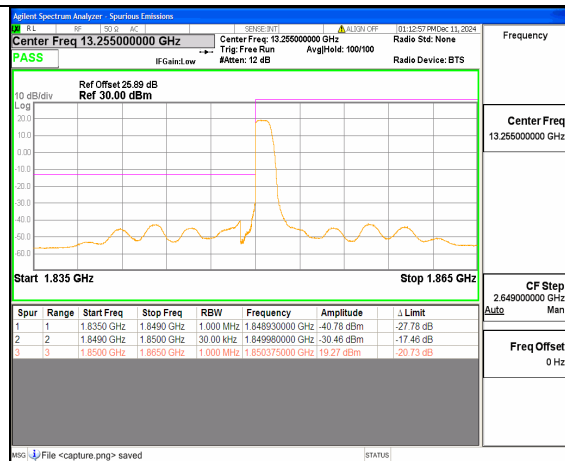
n2 10M DFT-s-OFDM QPSK
Outer_Full High



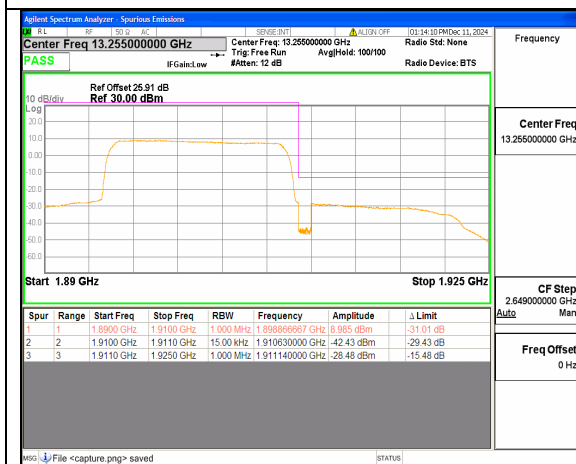
n2 10M DFT-s-OFDM QPSK
Edge_1RB_Right High



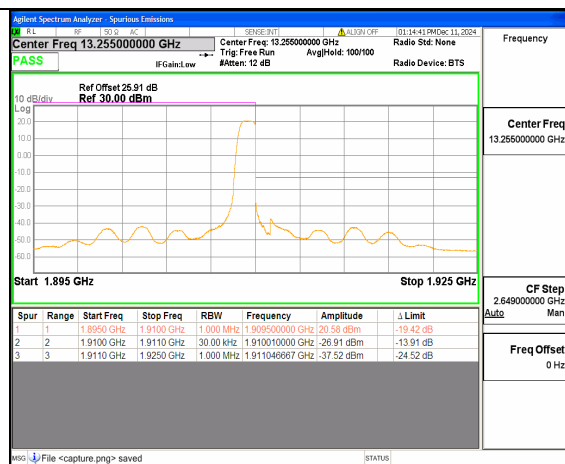
n2 15M DFT-s-OFDM QPSK
Outer_Full Low



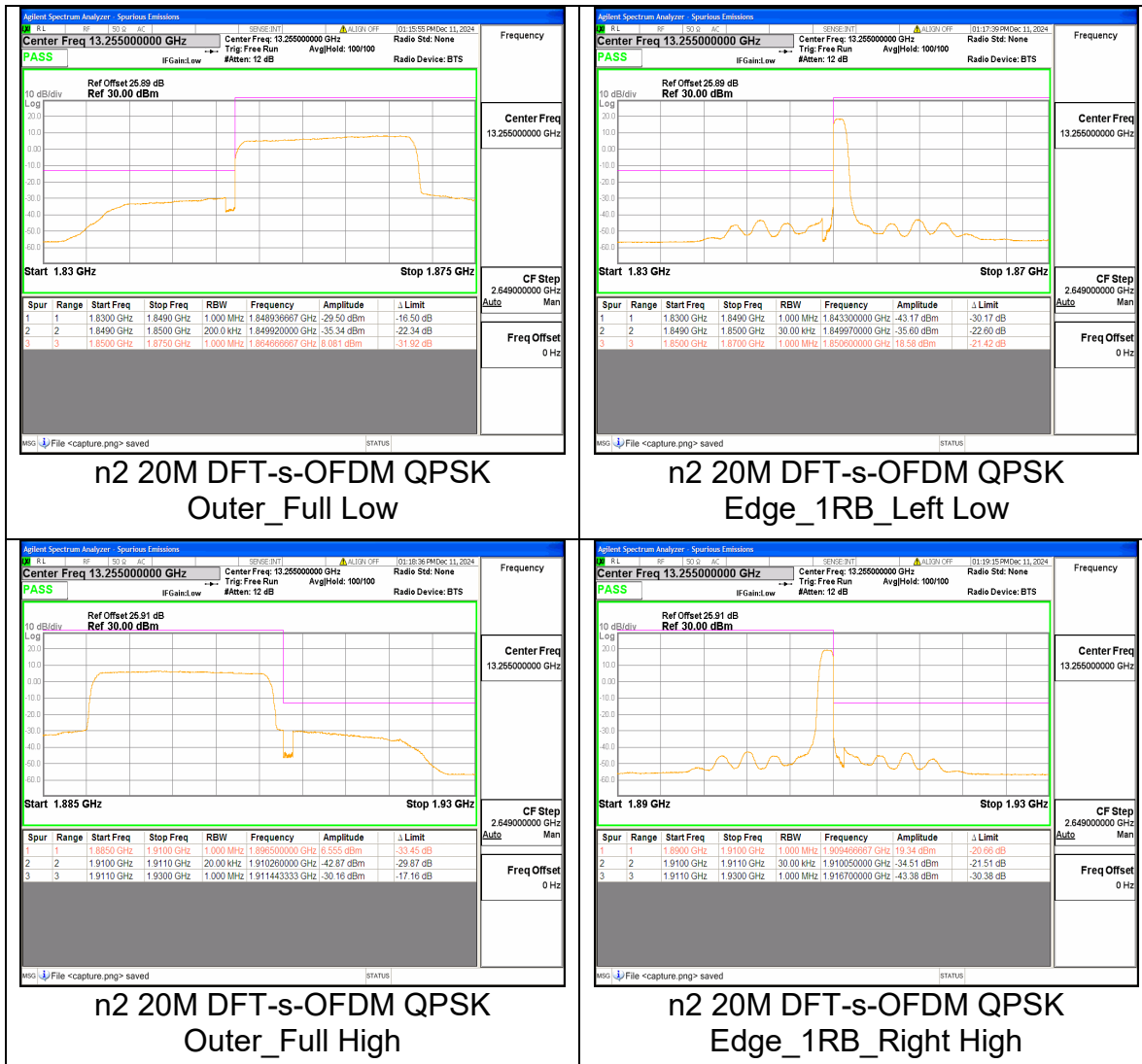
n2 15M DFT-s-OFDM QPSK
Edge_1RB_Left Low



n2 15M DFT-s-OFDM QPSK
Outer_Full High



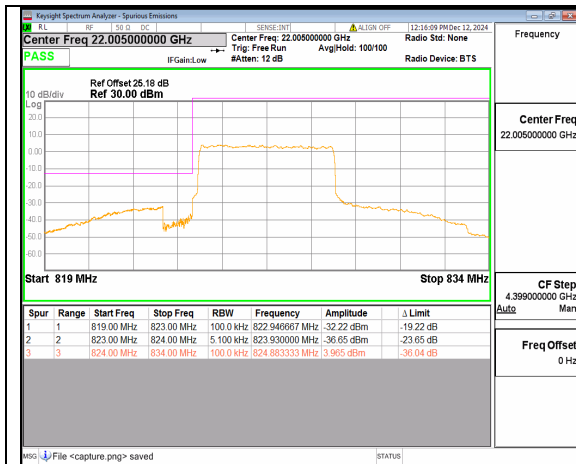
n2 15M DFT-s-OFDM QPSK
Edge_1RB_Right High



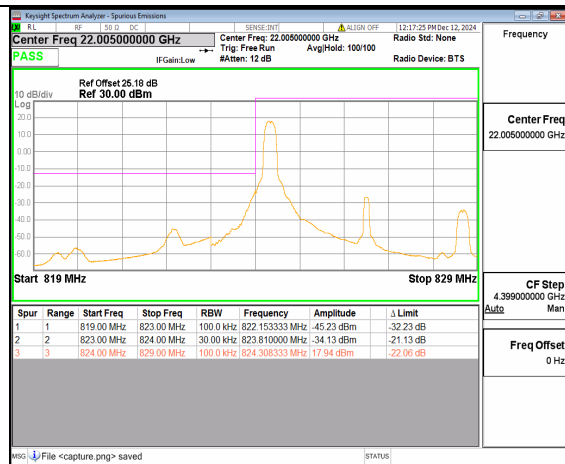
Band	SCS (kHz)	BW (MHz)	ARFCN	Modulation	RB	Verdict
n5	15	5	165300	DFT-s-OFDM QPSK	25/0	PASS
n5	15	5	165300	DFT-s-OFDM QPSK	1/0	PASS
n5	15	5	169300	DFT-s-OFDM QPSK	25/0	PASS
n5	15	5	169300	DFT-s-OFDM QPSK	1/24	PASS
n5	15	10	165800	DFT-s-OFDM QPSK	50/0	PASS
n5	15	10	165800	DFT-s-OFDM QPSK	1/0	PASS
n5	15	10	168800	DFT-s-OFDM QPSK	50/0	PASS



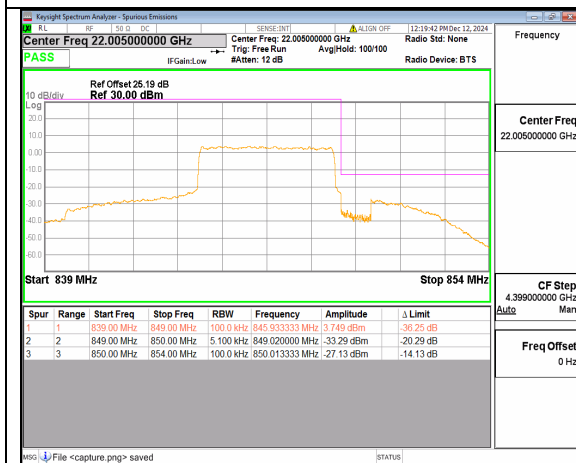
n5	15	10	168800	DFT-s-OFDM QPSK	1/51	PASS
n5	15	15	166300	DFT-s-OFDM QPSK	75/0	PASS
n5	15	15	166300	DFT-s-OFDM QPSK	1/0	PASS
n5	15	15	168300	DFT-s-OFDM QPSK	75/0	PASS
n5	15	15	168300	DFT-s-OFDM QPSK	1/78	PASS
n5	15	20	166800	DFT-s-OFDM QPSK	100/0	PASS
n5	15	20	166800	DFT-s-OFDM QPSK	1/0	PASS
n5	15	20	167800	DFT-s-OFDM QPSK	100/0	PASS
n5	15	20	167800	DFT-s-OFDM QPSK	1/105	PASS



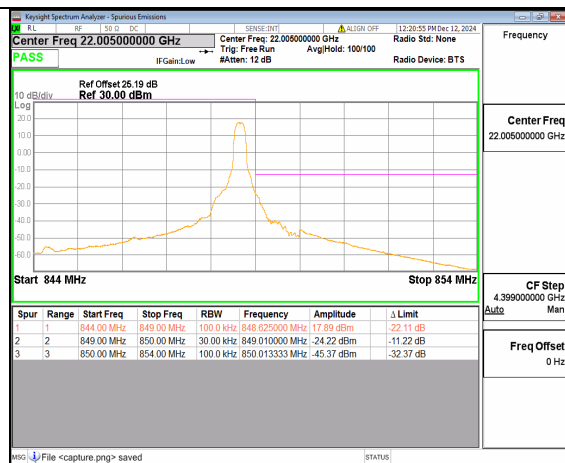
n5 5M DFT-s-OFDM QPSK Outer_Full Low



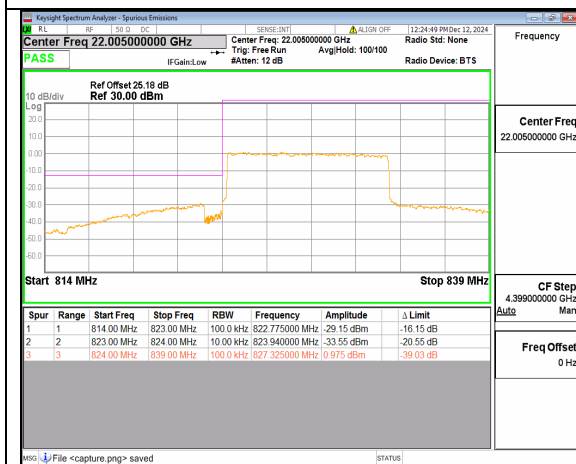
n5 5M DFT-s-OFDM QPSK Edge_1RB_Left Low



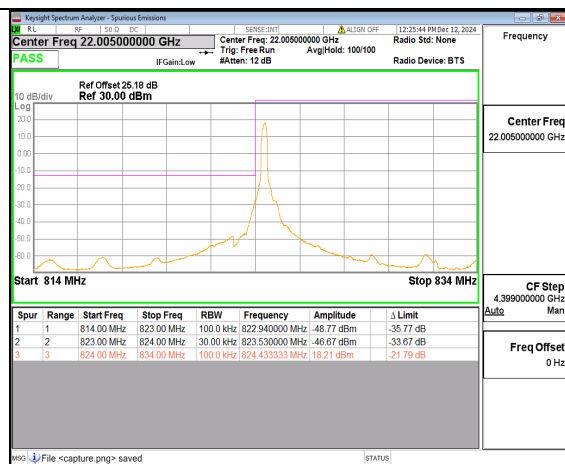
n5 5M DFT-s-OFDM QPSK Outer_Full High



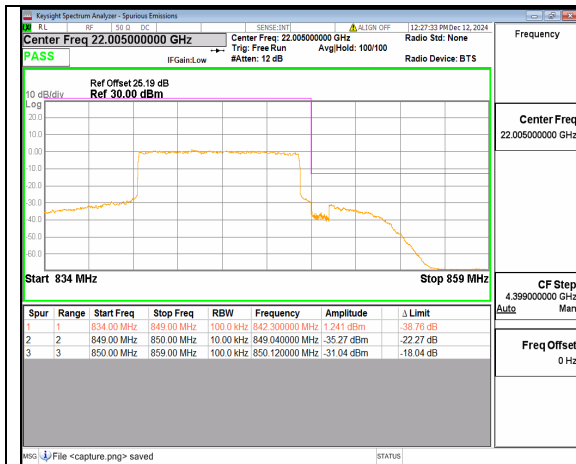
n5 5M DFT-s-OFDM QPSK Edge_1RB_Right High



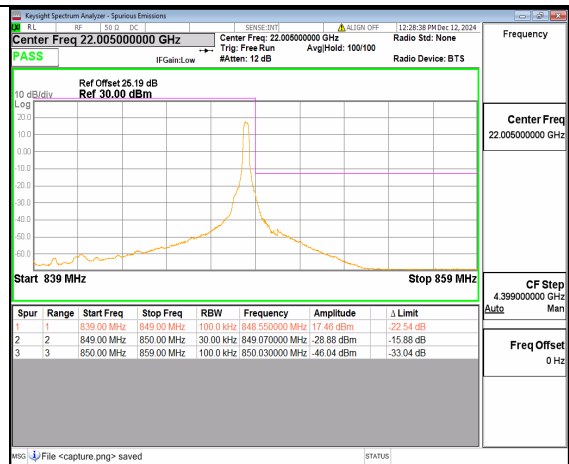
n5 10M DFT-s-OFDM QPSK Outer_Full Low



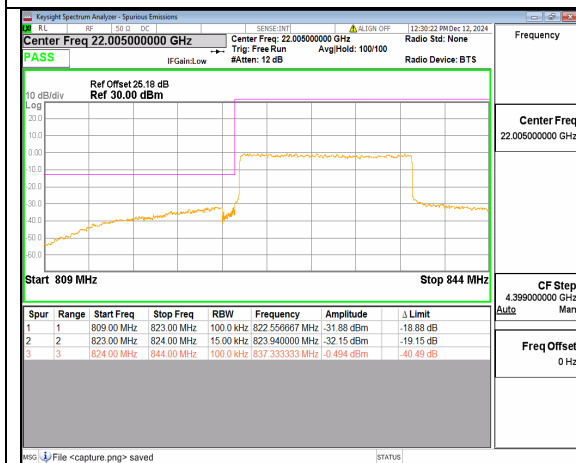
n5 10M DFT-s-OFDM QPSK Edge_1RB_Left Low



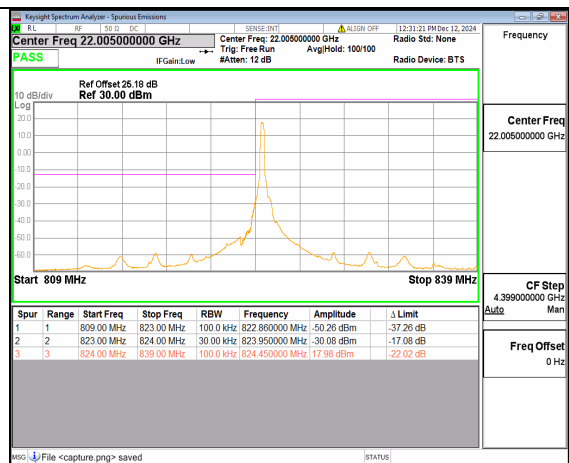
n5 10M DFT-s-OFDM QPSK
Outer_Full High



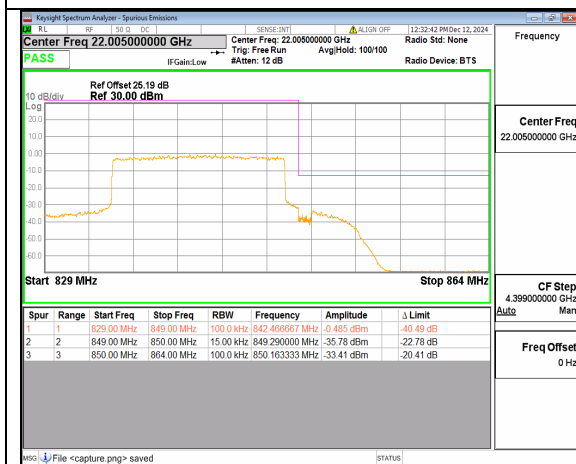
n5 10M DFT-s-OFDM QPSK
Edge_1RB_Right High



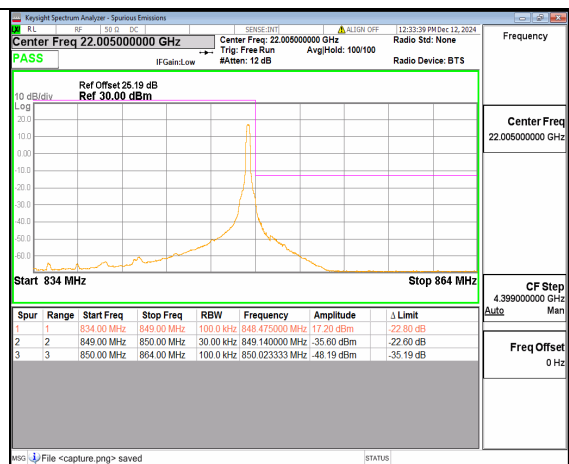
n5 15M DFT-s-OFDM QPSK
Outer_Full Low



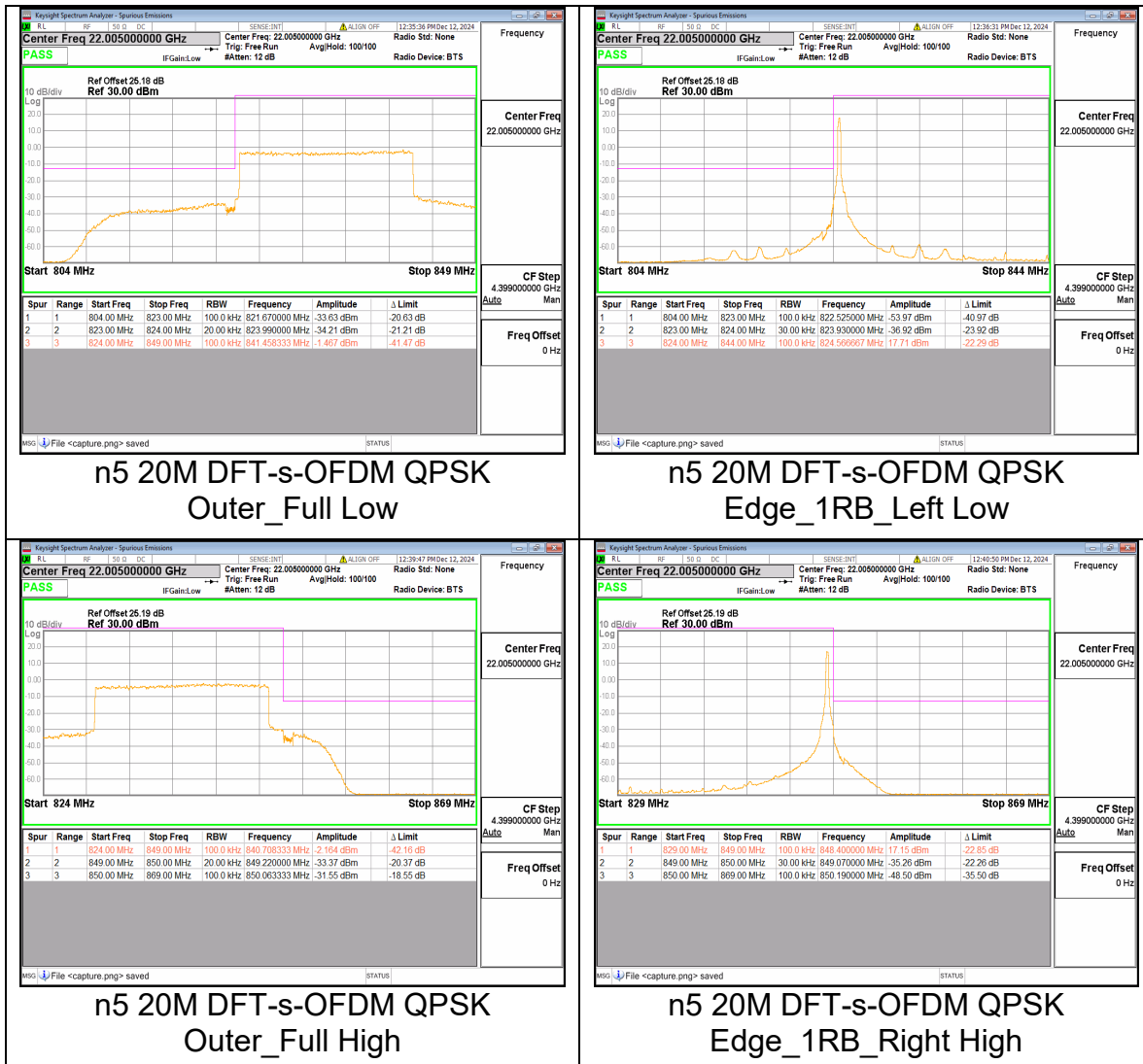
n5 15M DFT-s-OFDM QPSK
Edge_1RB_Left Low



n5 15M DFT-s-OFDM QPSK
Outer_Full High

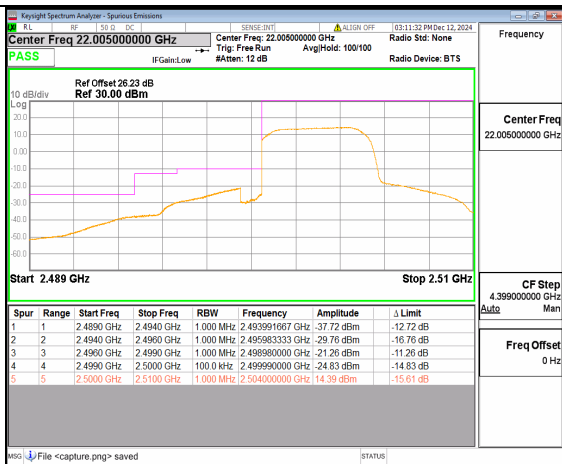


n5 15M DFT-s-OFDM QPSK
Edge_1RB_Right High

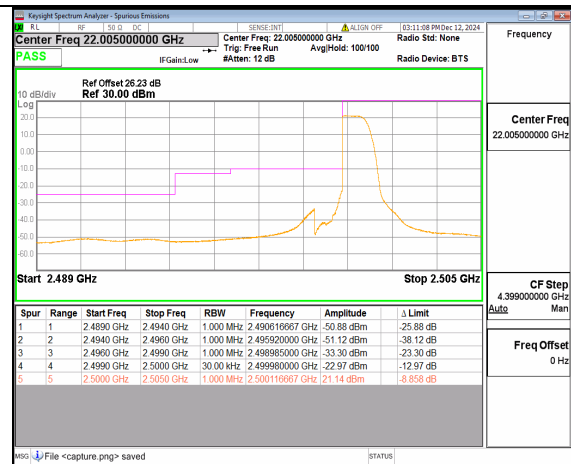


Band	SCS (kHz)	BW (MHz)	ARFCN	Modulation	RB	Verdict
n7	15	5	500500	DFT-s-OFDM QPSK	25/0	PASS
n7	15	5	500500	DFT-s-OFDM QPSK	1/0	PASS
n7	15	5	513500	DFT-s-OFDM QPSK	25/0	PASS
n7	15	5	513500	DFT-s-OFDM QPSK	1/24	PASS
n7	15	10	501000	DFT-s-OFDM QPSK	50/0	PASS
n7	15	10	501000	DFT-s-OFDM QPSK	1/0	PASS
n7	15	10	513000	DFT-s-OFDM QPSK	50/0	PASS

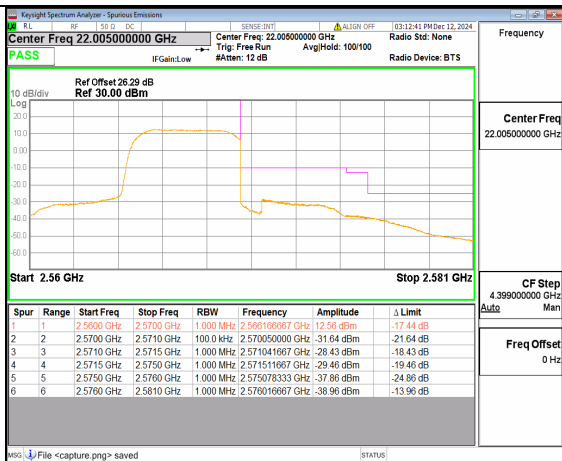
n7	15	10	513000	DFT-s-OFDM QPSK	1/51	PASS
n7	15	15	501500	DFT-s-OFDM QPSK	75/0	PASS
n7	15	15	501500	DFT-s-OFDM QPSK	1/0	PASS
n7	15	15	512500	DFT-s-OFDM QPSK	75/0	PASS
n7	15	15	512500	DFT-s-OFDM QPSK	1/78	PASS
n7	15	20	502000	DFT-s-OFDM QPSK	100/0	PASS
n7	15	20	502000	DFT-s-OFDM QPSK	1/0	PASS
n7	15	20	512000	DFT-s-OFDM QPSK	100/0	PASS
n7	15	20	512000	DFT-s-OFDM QPSK	1/105	PASS



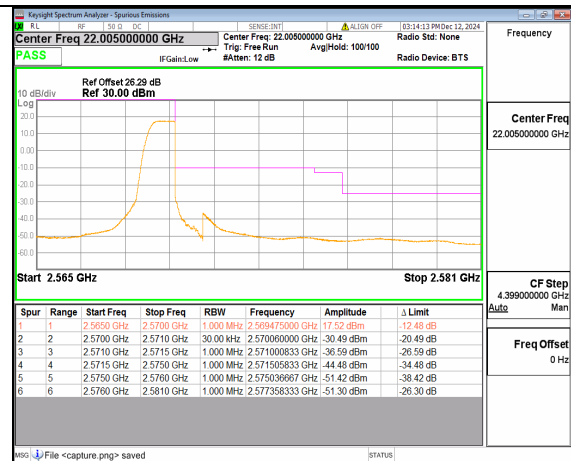
n7 5M DFT-s-OFDM QPSK Outer_Full Low



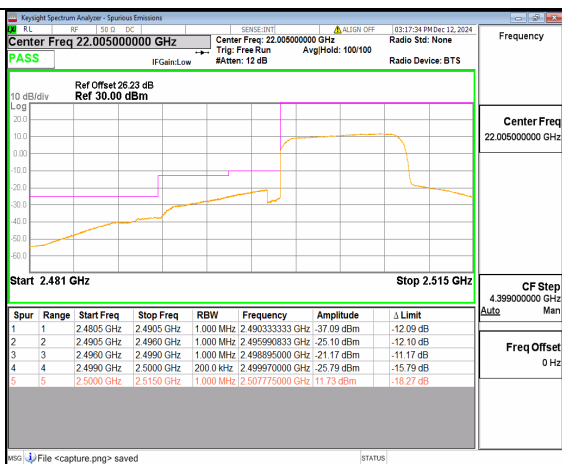
n7 5M DFT-s-OFDM QPSK Edge_1RB_Left Low



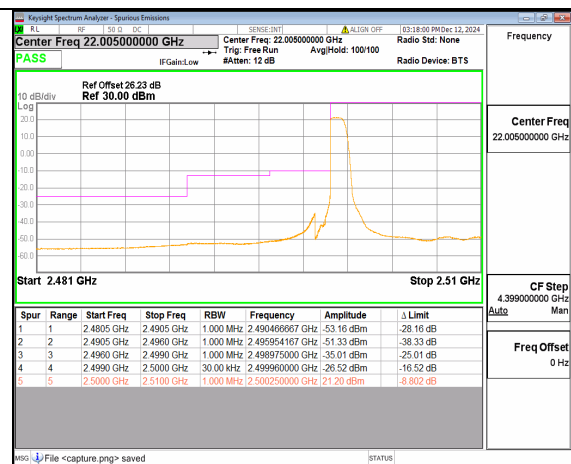
n7 5M DFT-s-OFDM QPSK Outer_Full High



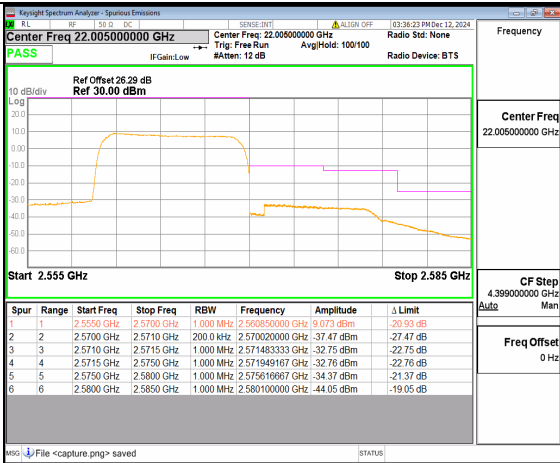
n7 5M DFT-s-OFDM QPSK Edge_1RB_Right High



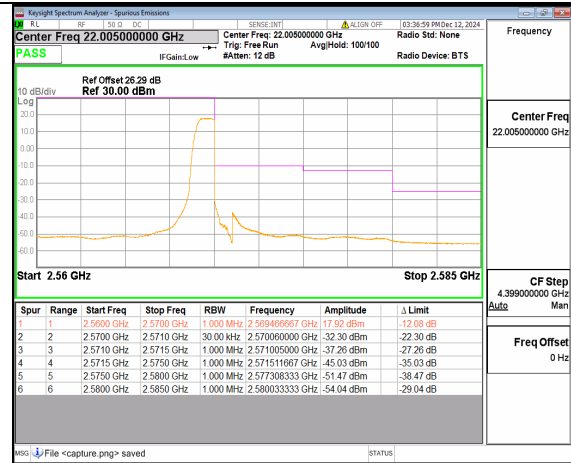
n7 10M DFT-s-OFDM QPSK Outer_Full Low



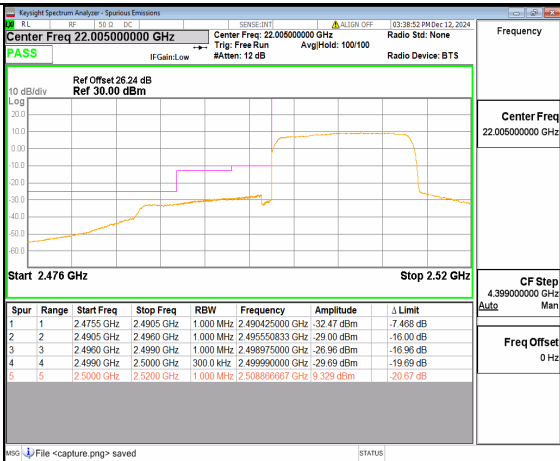
n7 10M DFT-s-OFDM QPSK Edge_1RB_Left Low



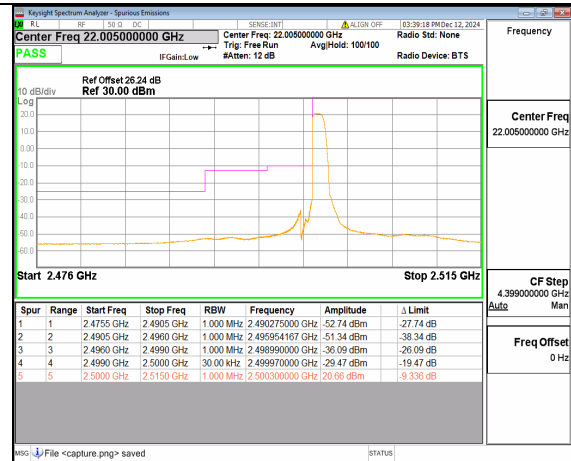
n7 10M DFT-s-OFDM QPSK Outer_Full High



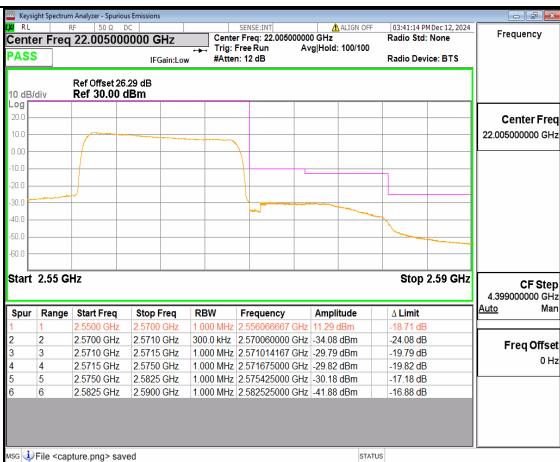
n7 10M DFT-s-OFDM QPSK Edge_1RB_Right High



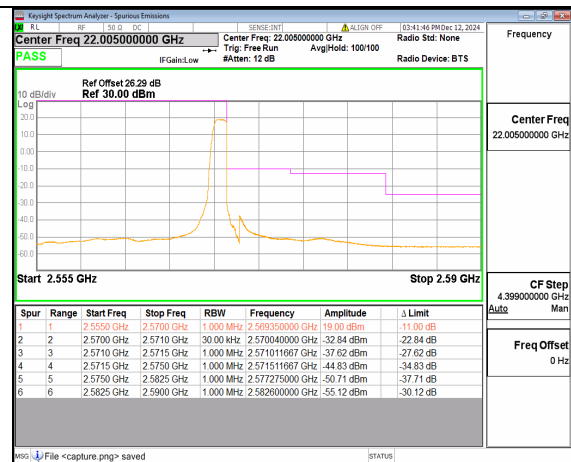
n7 15M DFT-s-OFDM QPSK Outer_Full Low



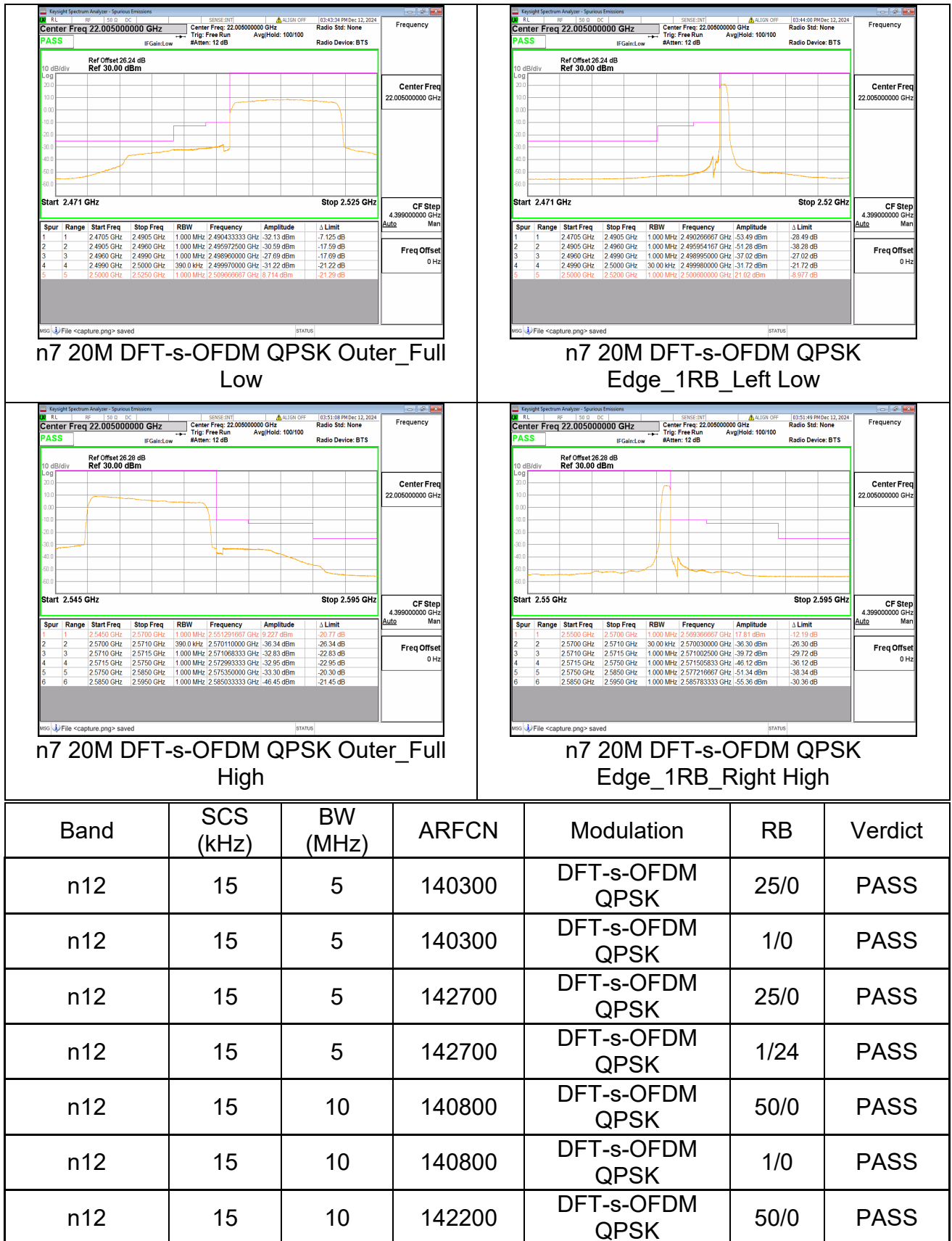
n7 15M DFT-s-OFDM QPSK Edge_1RB_Left Low



n7 15M DFT-s-OFDM QPSK Outer_Full High



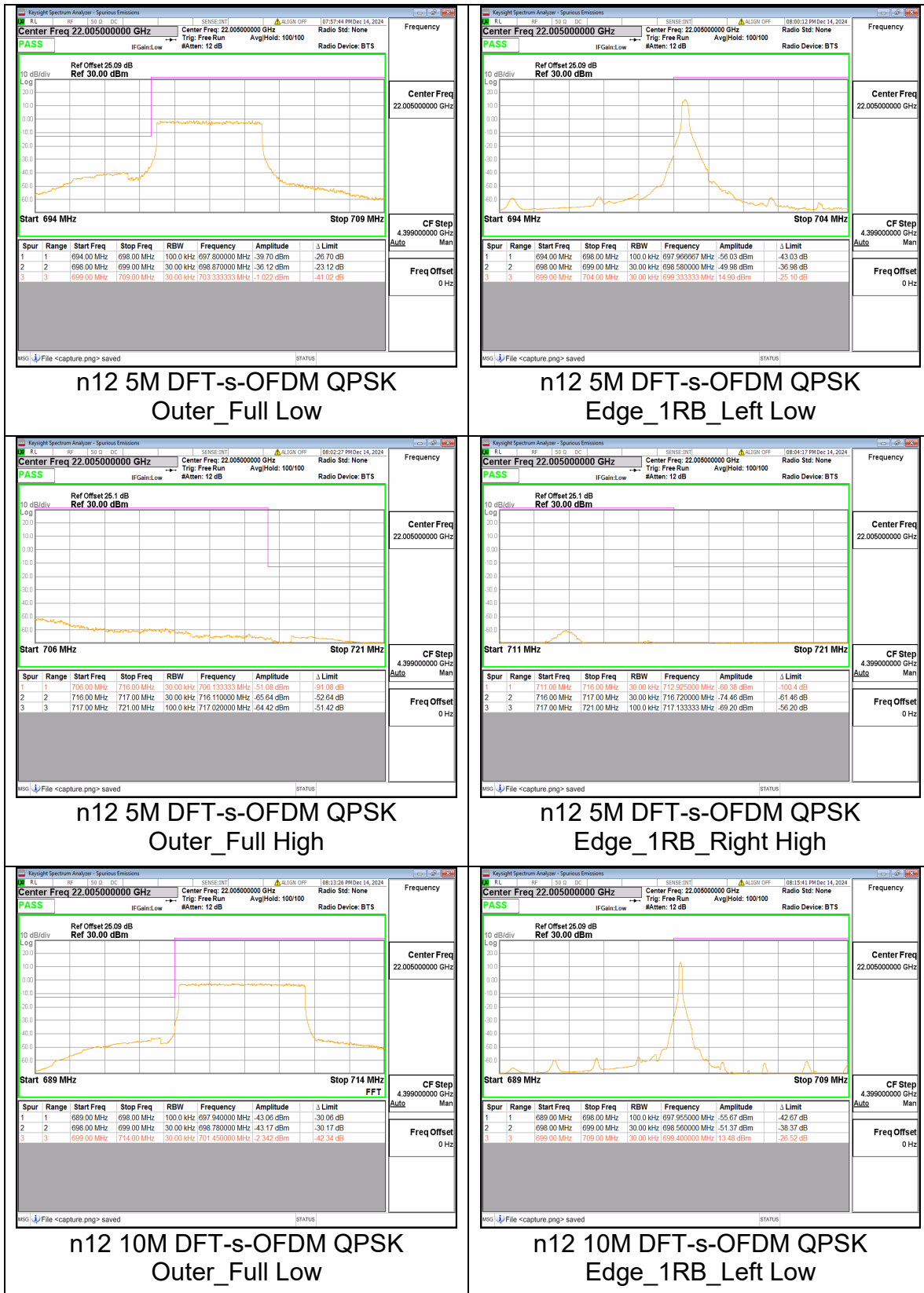
n7 15M DFT-s-OFDM QPSK Edge_1RB_Right High





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n12	15	10	142200	DFT-s-OFDM QPSK	1/51	PASS
n12	15	15	141300	DFT-s-OFDM QPSK	75/0	PASS
n12	15	15	141300	DFT-s-OFDM QPSK	1/0	PASS
n12	15	15	141700	DFT-s-OFDM QPSK	75/0	PASS
n12	15	15	141700	DFT-s-OFDM QPSK	1/78	PASS





Band

SCS

BW

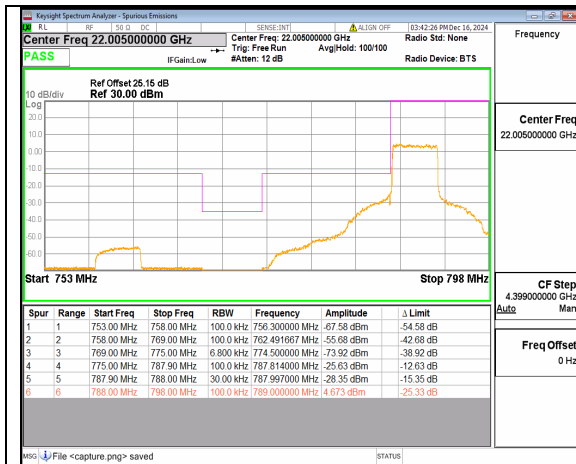
ARFCN

Modulation

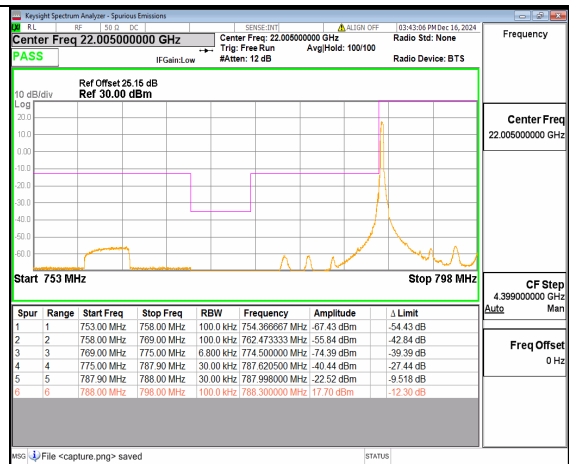
RB

Verdict

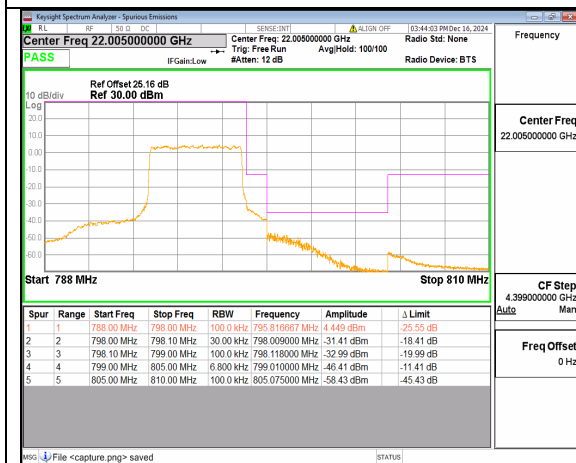
	(kHz)	(MHz)				
n14	15	5	158100	DFT-s-OFDM QPSK	25/0	PASS
n14	15	5	158100	DFT-s-OFDM QPSK	1/0	PASS
n14	15	5	159100	DFT-s-OFDM QPSK	25/0	PASS
n14	15	5	159100	DFT-s-OFDM QPSK	1/24	PASS
n14	15	10	158600	DFT-s-OFDM QPSK	50/0	PASS
n14	15	10	158600	DFT-s-OFDM QPSK	1/0	PASS
n14	15	10	158600	DFT-s-OFDM QPSK	50/0	PASS
n14	15	10	158600	DFT-s-OFDM QPSK	1/51	PASS



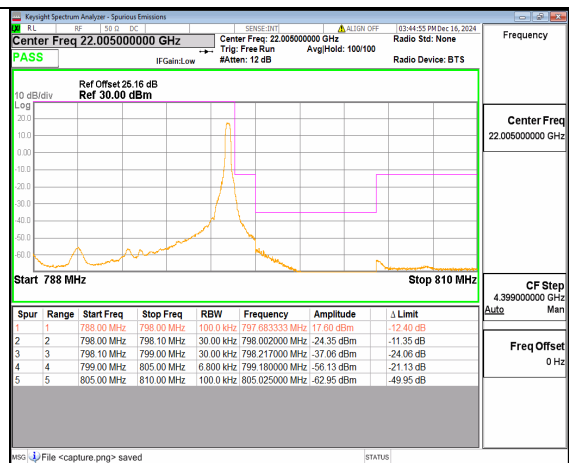
n14 5M DFT-s-OFDM QPSK
Outer_Full Low



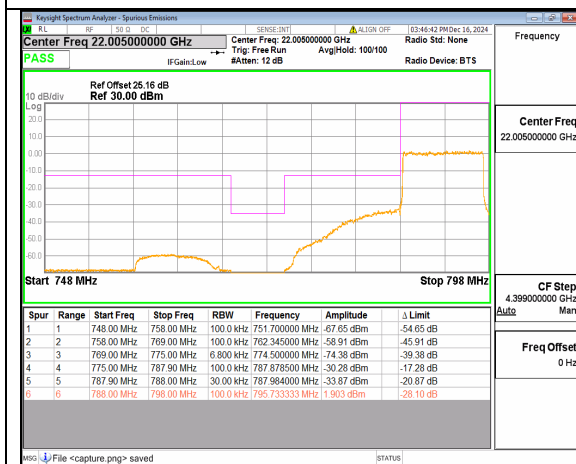
n14 5M DFT-s-OFDM QPSK
Edge_1RB_Left Low



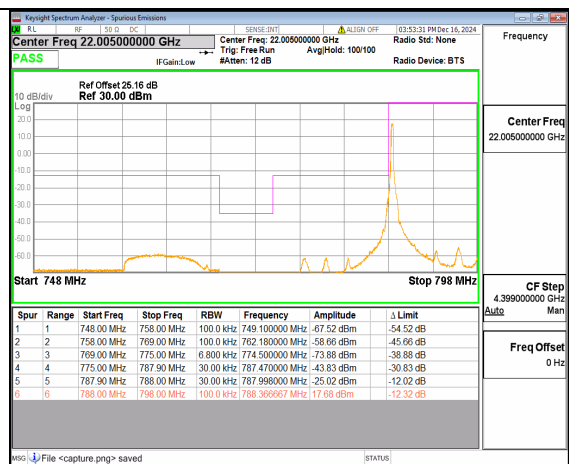
n14 5M DFT-s-OFDM QPSK
Outer_Full High



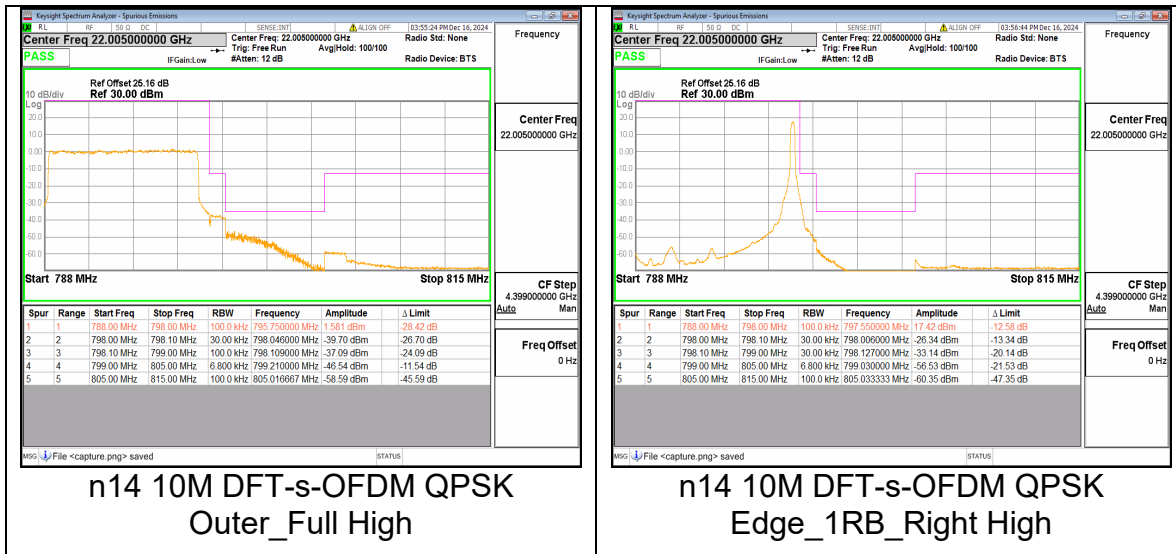
n14 5M DFT-s-OFDM QPSK
Edge_1RB_Right High



n14 10M DFT-s-OFDM QPSK
Outer_Full Low



n14 10M DFT-s-OFDM QPSK
Edge_1RB_Left Low



Band	SCS (kHz)	BW (MHz)	ARFCN	Modulation	RB	Verdict
n25	15	5	370500	DFT-s-OFDM QPSK	25/0	PASS
n25	15	5	370500	DFT-s-OFDM QPSK	1/0	PASS
n25	15	5	382500	DFT-s-OFDM QPSK	25/0	PASS
n25	15	5	382500	DFT-s-OFDM QPSK	1/24	PASS
n25	15	10	371000	DFT-s-OFDM QPSK	50/0	PASS
n25	15	10	371000	DFT-s-OFDM QPSK	1/0	PASS
n25	15	10	382000	DFT-s-OFDM QPSK	50/0	PASS
n25	15	10	382000	DFT-s-OFDM QPSK	1/51	PASS
n25	15	15	371500	DFT-s-OFDM QPSK	75/0	PASS
n25	15	15	371500	DFT-s-OFDM QPSK	1/0	PASS
n25	15	15	381500	DFT-s-OFDM QPSK	75/0	PASS
n25	15	15	381500	DFT-s-OFDM QPSK	1/78	PASS
n25	15	20	372000	DFT-s-OFDM QPSK	100/0	PASS
n25	15	20	372000	DFT-s-OFDM QPSK	1/0	PASS



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n25	15	20	381000	DFT-s-OFDM QPSK	100/0	PASS
n25	15	20	381000	DFT-s-OFDM QPSK	1/105	PASS

