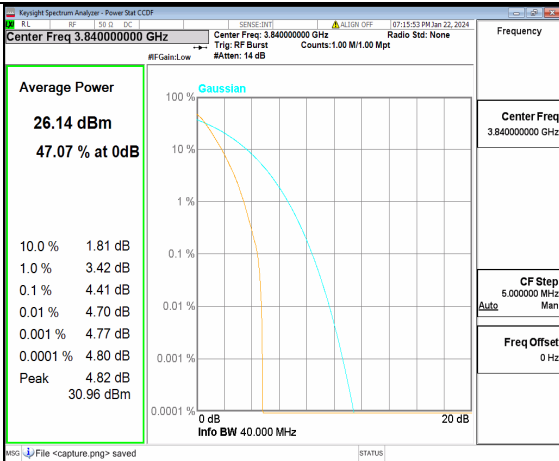
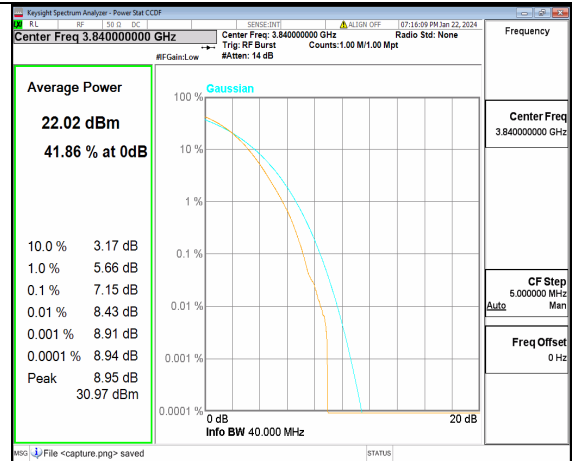
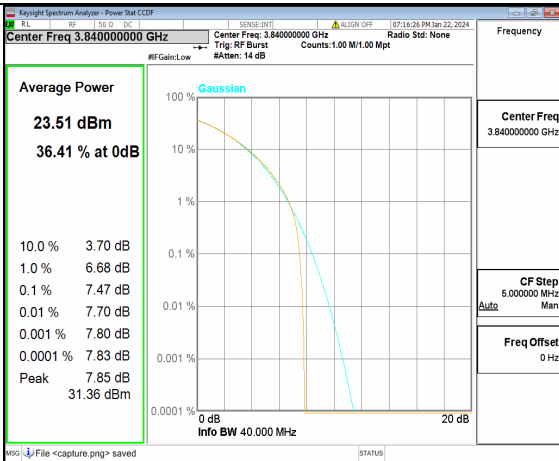
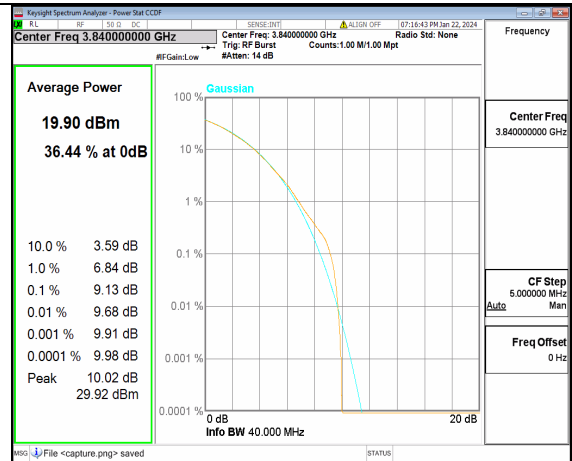
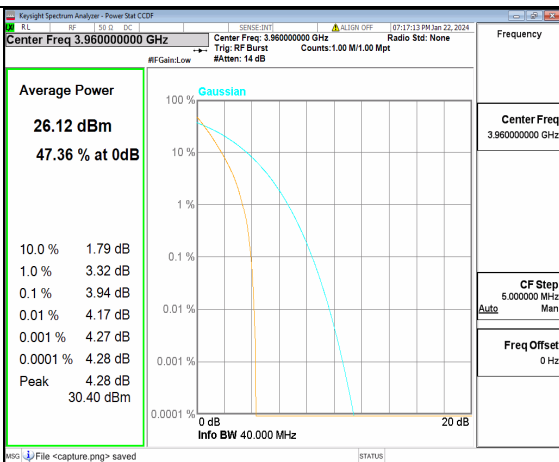
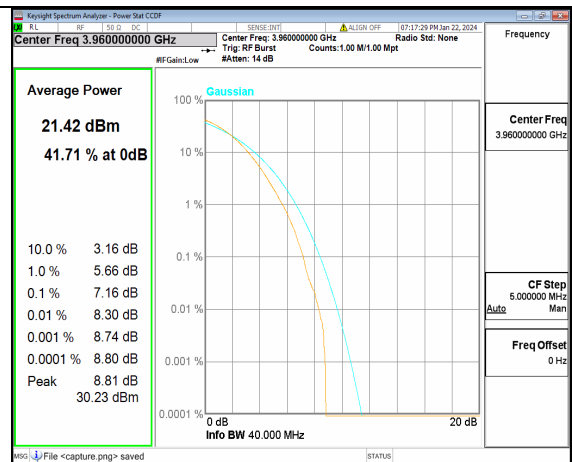
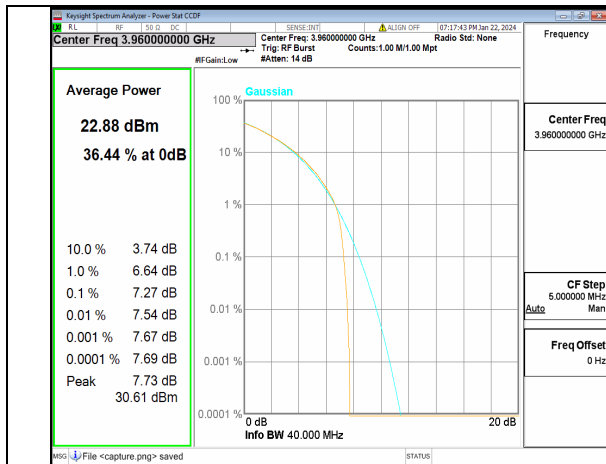
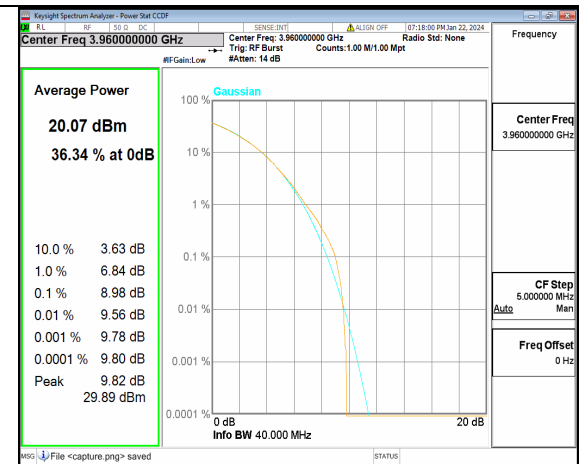


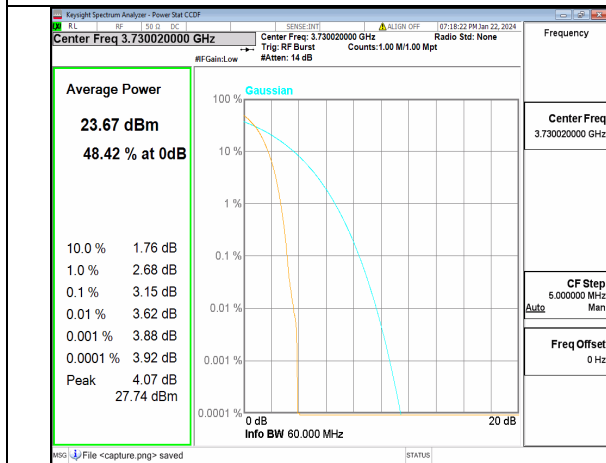
n77(3700-3980MHz) 40M DFT-s-OFDM BPSK
Outer_Full Midn77(3700-3980MHz) 40M DFT-s-OFDM
256QAM Outer_Full Midn77(3700-3980MHz) 40M CP-OFDM QPSK
Outer_Full Midn77(3700-3980MHz) 40M CP-OFDM 256QAM
Outer_Full Midn77(3700-3980MHz) 40M DFT-s-OFDM BPSK
Outer_Full Highn77(3700-3980MHz) 40M DFT-s-OFDM
256QAM Outer_Full High



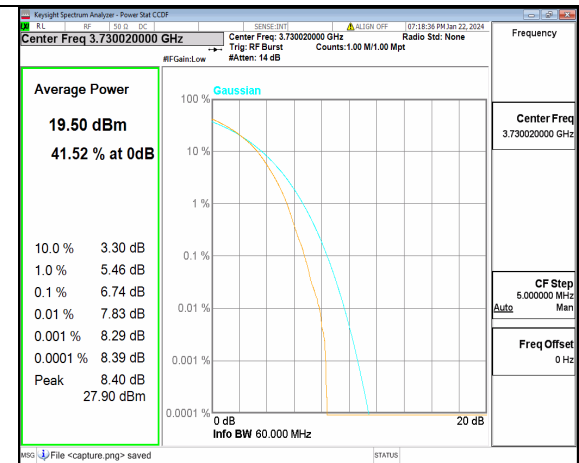
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Outer_Full High



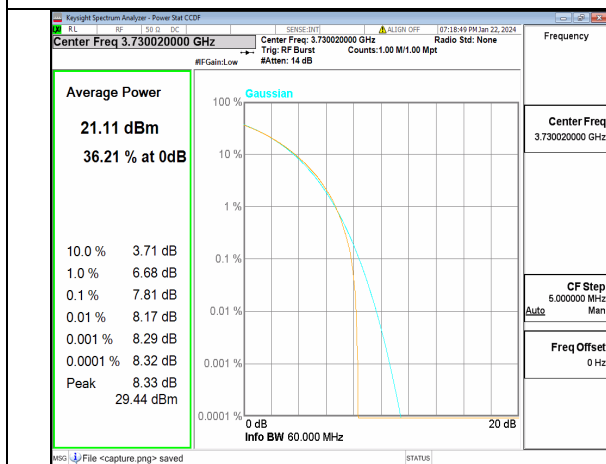
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Outer_Full High



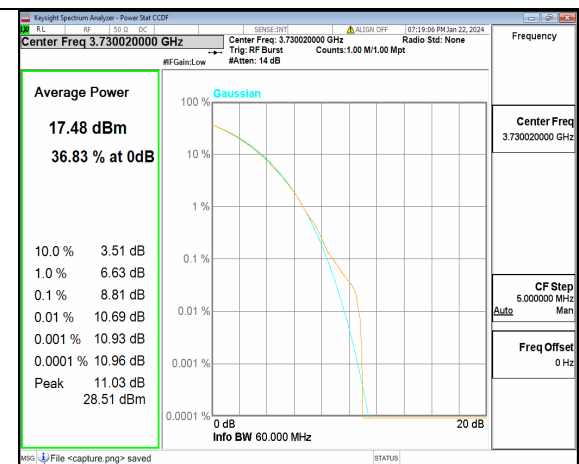
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Outer_Full Low



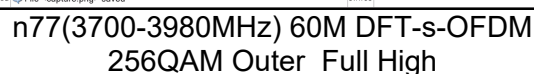
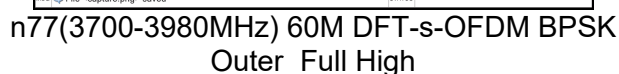
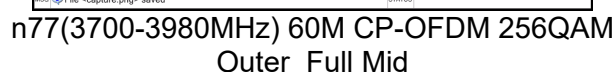
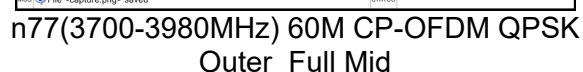
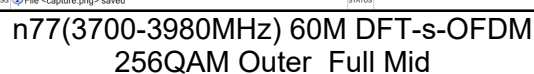
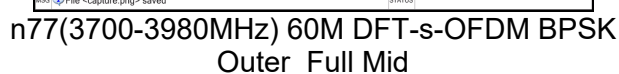
n77(3700-3980MHz) 60M DFT-s-OFDM
256QAM Outer_Full Low

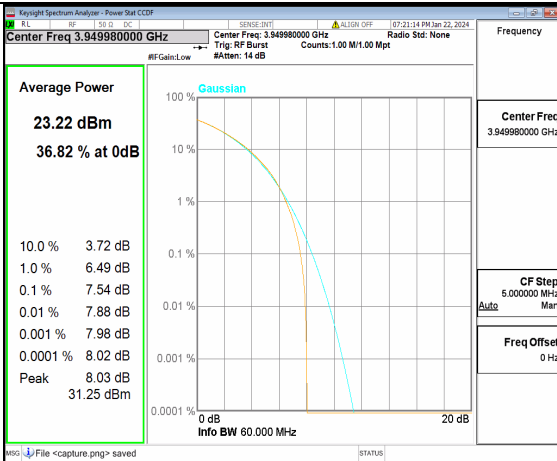
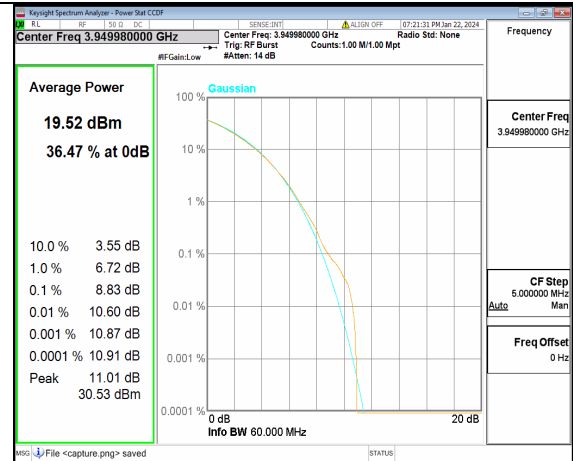
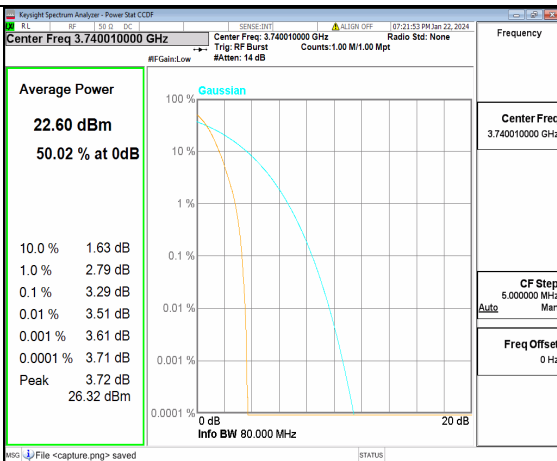
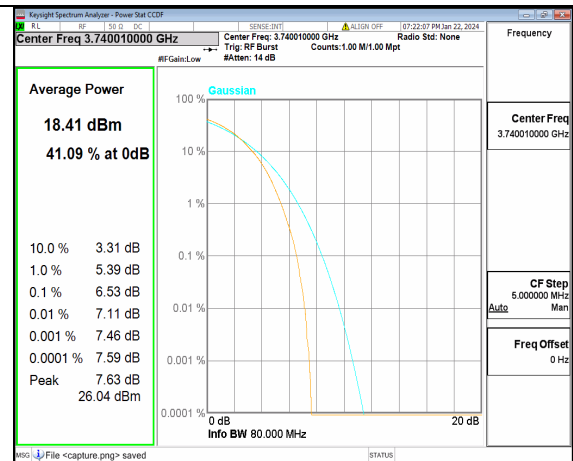
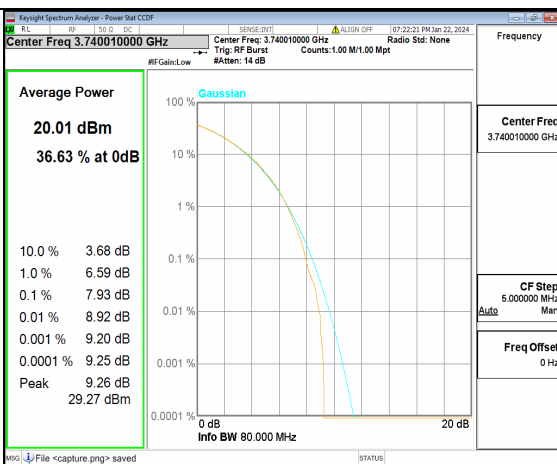
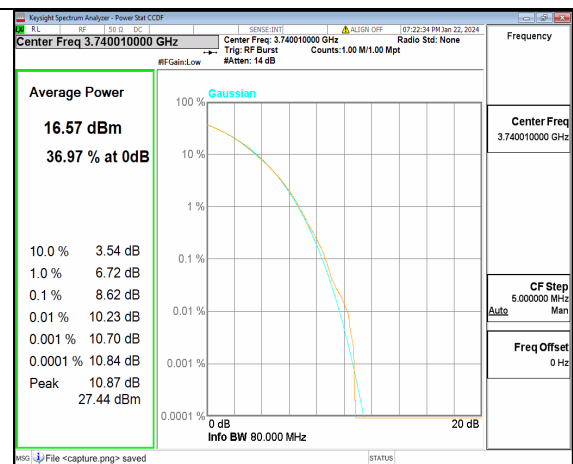


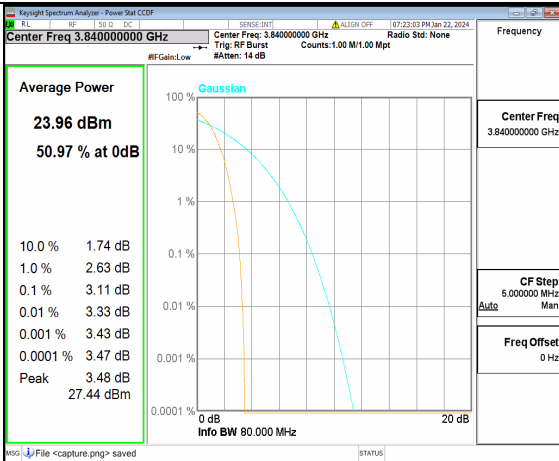
n77(3700-3980MHz) 60M CP-OFDM QPSK
Outer_Full Low



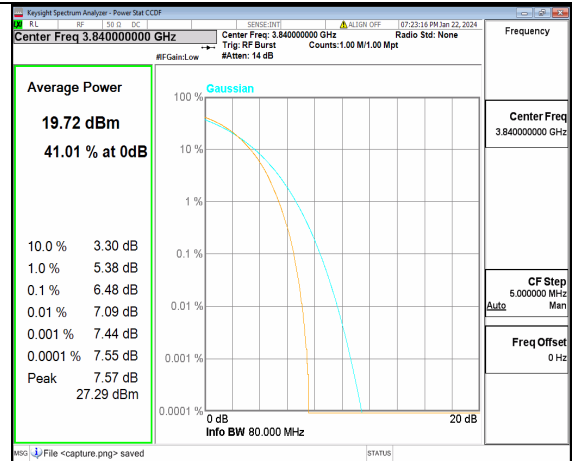
n77(3700-3980MHz) 60M CP-OFDM 256QAM
Outer_Full Low



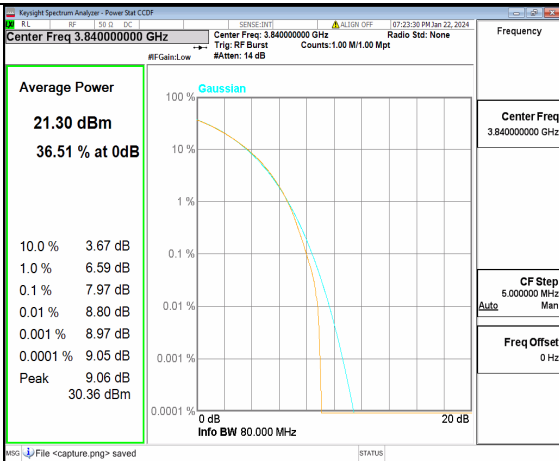
n77(3700-3980MHz) 60M CP-OFDM QPSK
Outer_Full Highn77(3700-3980MHz) 60M CP-OFDM 256QAM
Outer_Full Highn77(3700-3980MHz) 80M DFT-s-OFDM BPSK
Outer_Full Lown77(3700-3980MHz) 80M DFT-s-OFDM
256QAM Outer_Full Lown77(3700-3980MHz) 80M CP-OFDM QPSK
Outer_Full Lown77(3700-3980MHz) 80M CP-OFDM 256QAM
Outer_Full Low



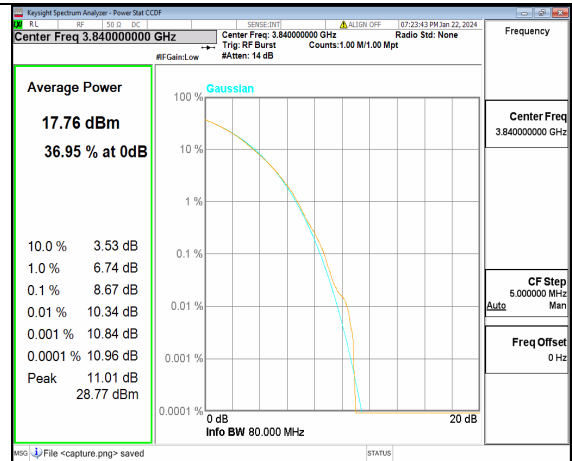
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Outer_Full Mid



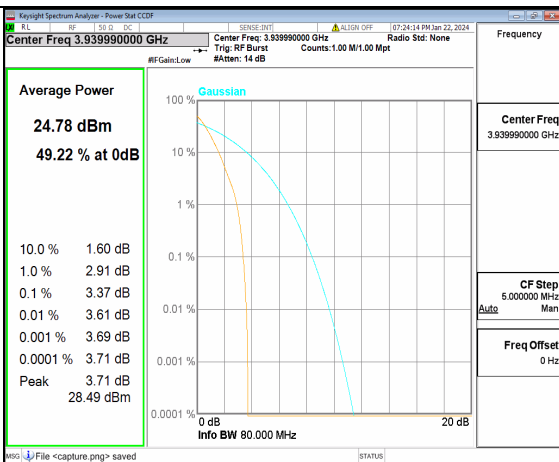
n77(3700-3980MHz) 80M DFT-s-OFDM
256QAM Outer_Full Mid



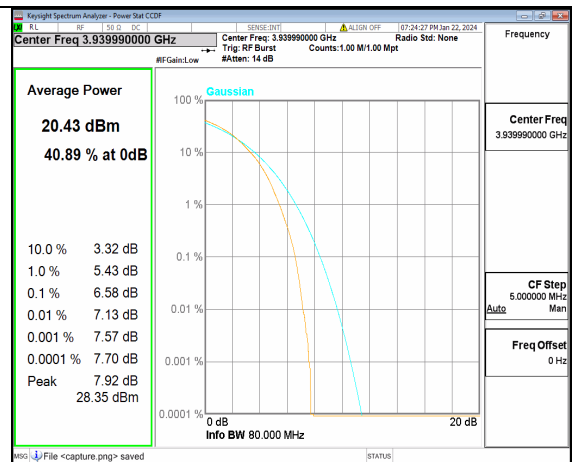
n77(3700-3980MHz) 80M CP-OFDM QPSK
Outer_Full Mid



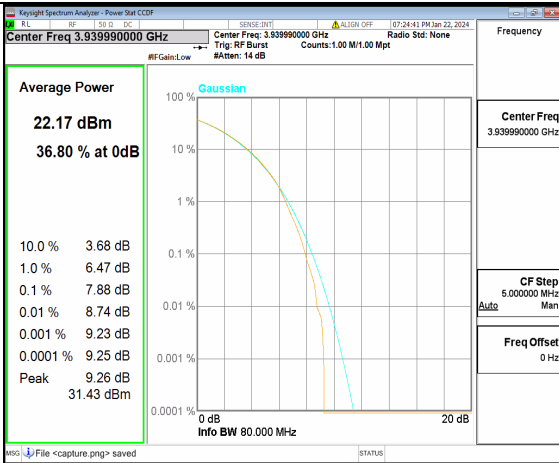
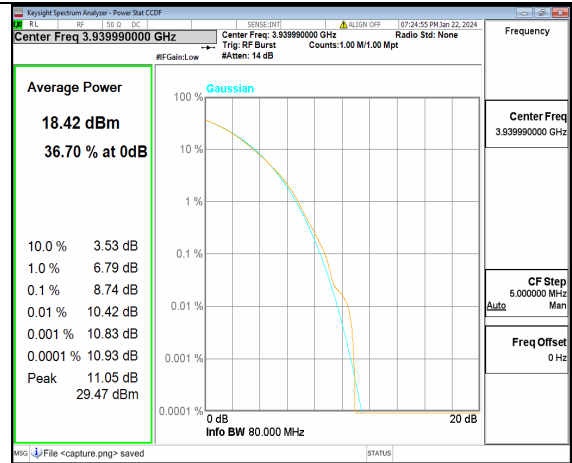
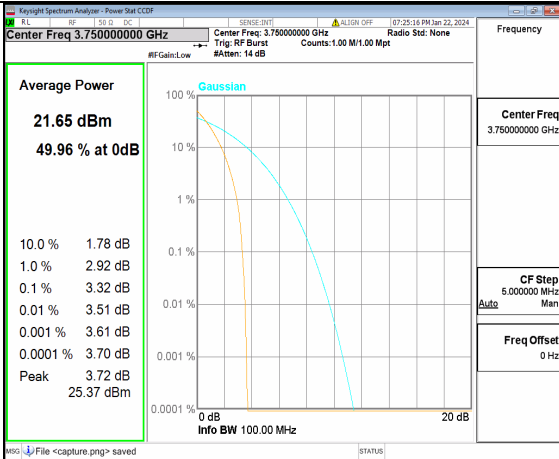
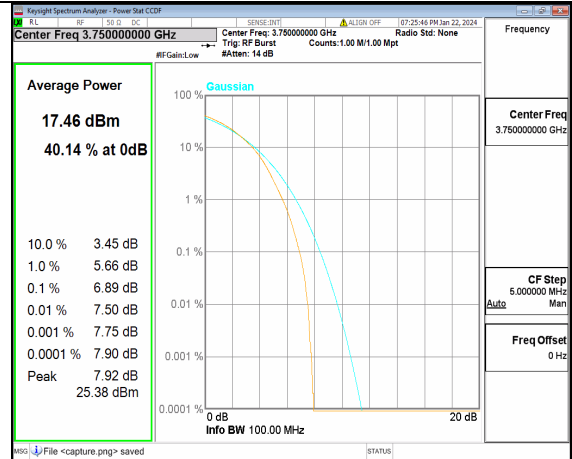
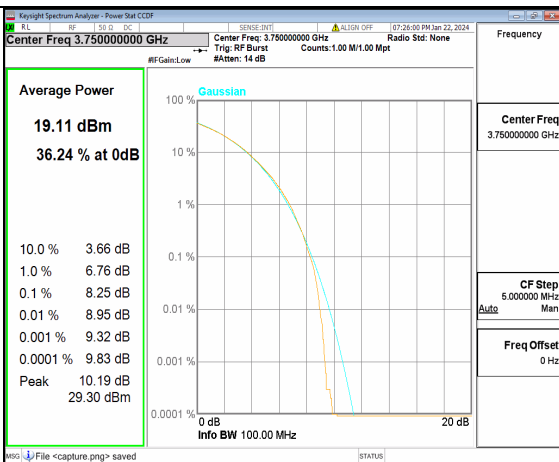
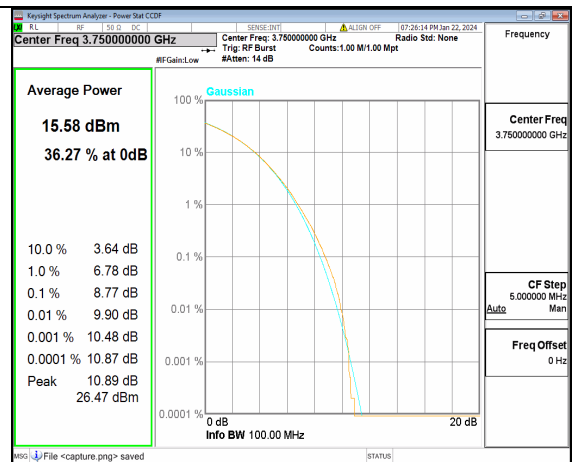
n77(3700-3980MHz) 80M CP-OFDM 256QAM
Outer_Full Mid

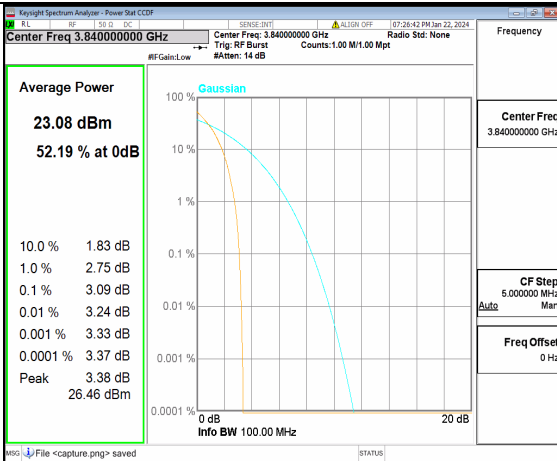


n77(3700-3980MHz) 80M DFT-s-OFDM BPSK
Outer_Full High

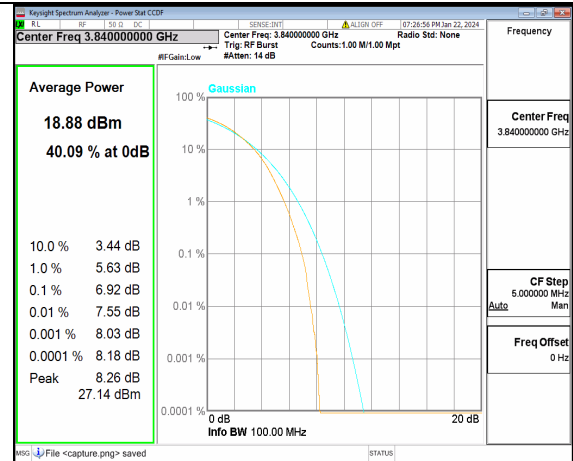


n77(3700-3980MHz) 80M DFT-s-OFDM
256QAM Outer_Full High

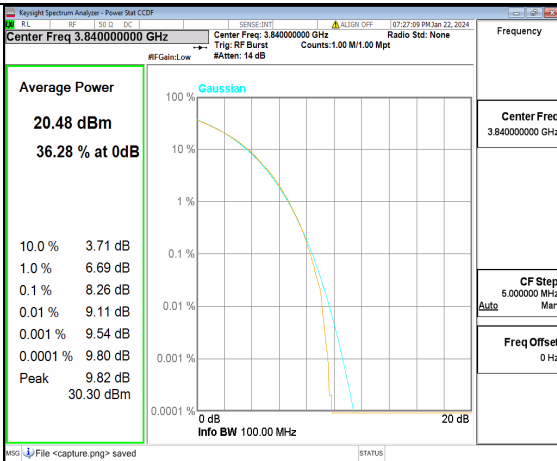
n77(3700-3980MHz) 80M CP-OFDM QPSK
Outer_Full Highn77(3700-3980MHz) 80M CP-OFDM 256QAM
Outer_Full Highn77(3700-3980MHz) 100M DFT-s-OFDM BPSK
Outer_Full Lown77(3700-3980MHz) 100M DFT-s-OFDM
256QAM Outer_Full Lown77(3700-3980MHz) 100M CP-OFDM QPSK
Outer_Full Lown77(3700-3980MHz) 100M CP-OFDM 256QAM
Outer_Full Low



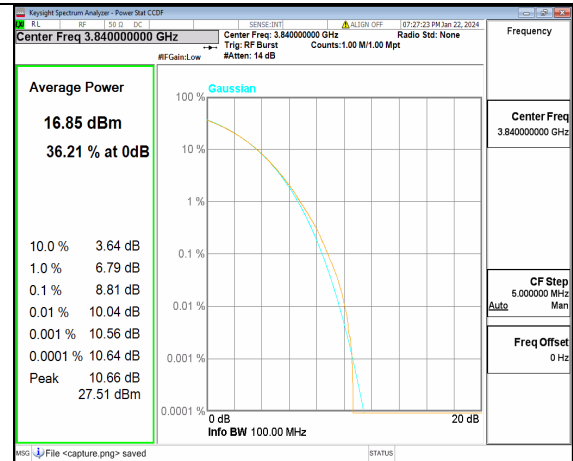
n77(3700-3980MHz) 100M DFT-s-OFDM BPSK
Outer_Full Mid



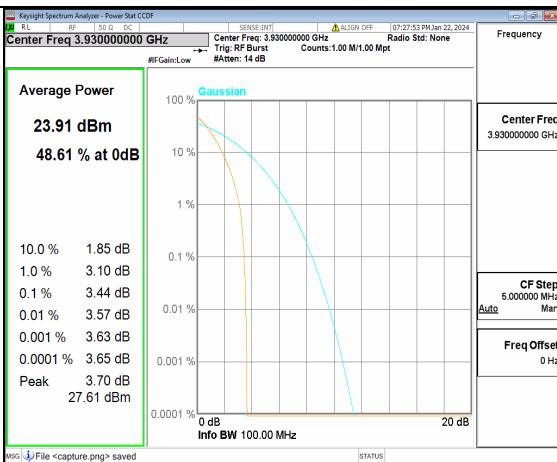
n77(3700-3980MHz) 100M DFT-s-OFDM
256QAM Outer_Full Mid



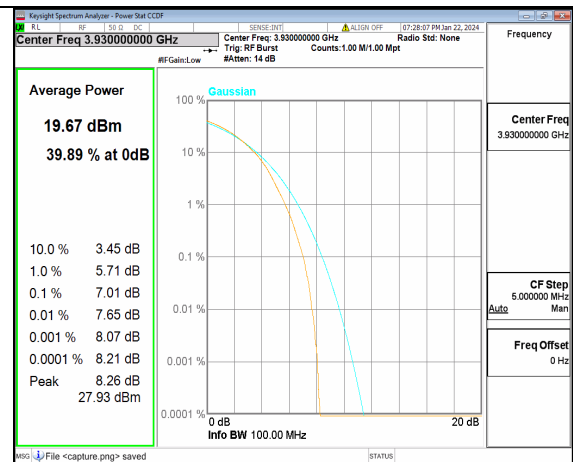
n77(3700-3980MHz) 100M CP-OFDM QPSK
Outer_Full Mid



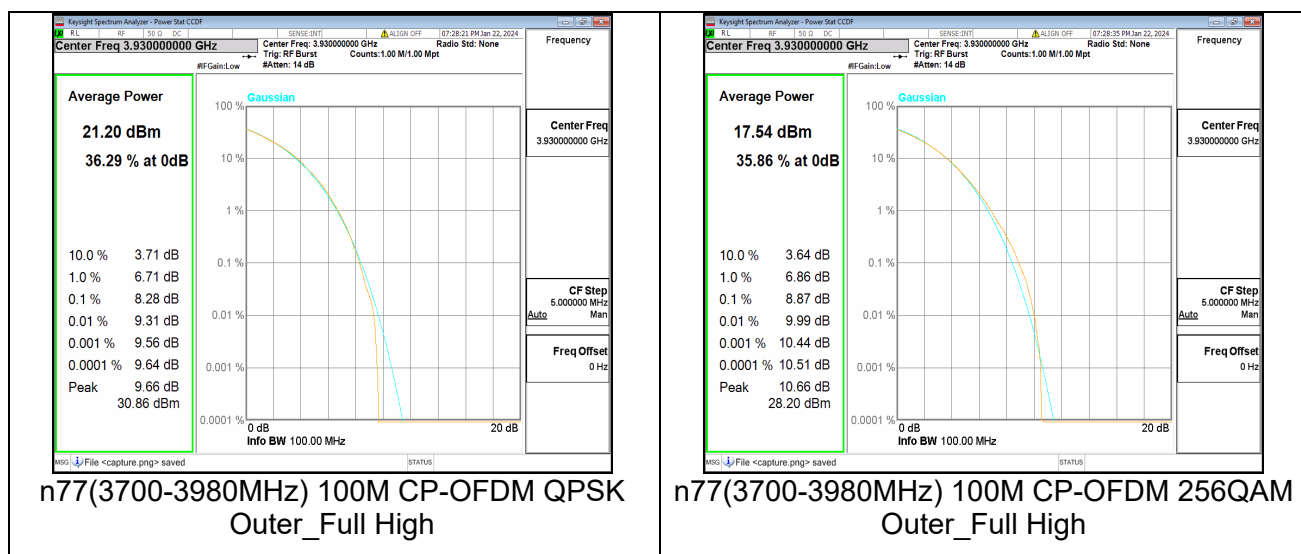
n77(3700-3980MHz) 100M CP-OFDM 256QAM
Outer_Full Mid



n77(3700-3980MHz) 100M DFT-s-OFDM BPSK
Outer_Full High



n77(3700-3980MHz) 100M DFT-s-OFDM
256QAM Outer_Full High



2.5. Conducted Spurious Emissions

2.5.1. Requirement

According to FCC section 2.1051, section 22.917(a), 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 $43 + 10 \log(P)$ dB. This calculated to be -13dBm.

According to FCC section 24.238(a) for n2, 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 $43 + 10 \log(P)$ dB.

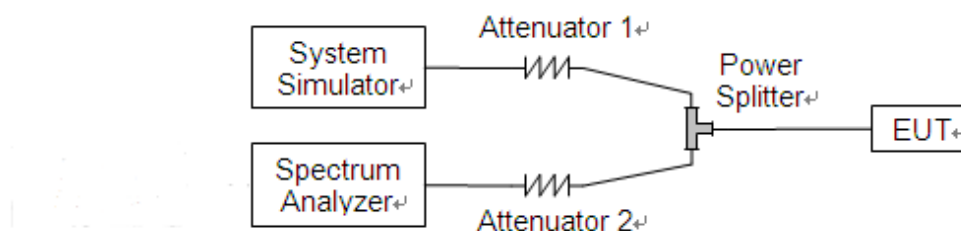
Additional to FCC section 22.917(a) for n5, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. This calculated to be -13dBm.

According to FCC section 27.53(h) for n66, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ dB.

According to FCC section 27.53(l)(2) for n77, 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.

According to FCC section 27.53(n)(2) for n77, 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.

2.5.2. 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



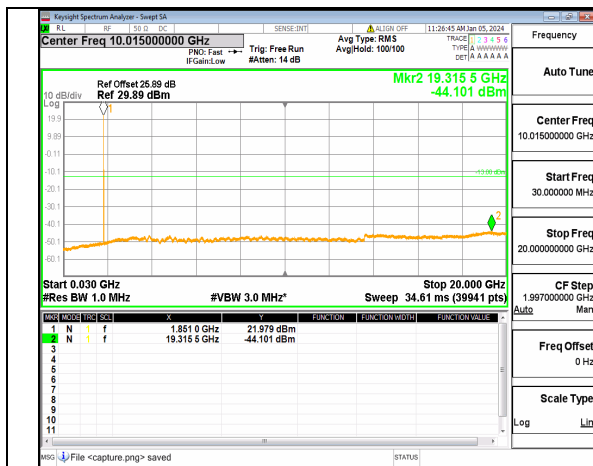
the SS to operate at the maximum output power. A call is established between the EUT and the SS.

2.5.3. Test procedure

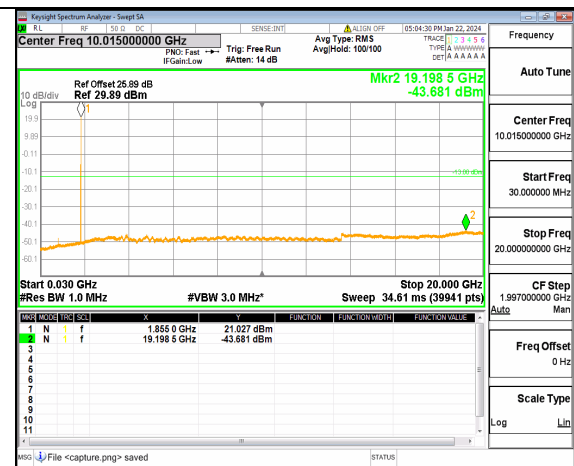
KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.

2.5.4. Test Result

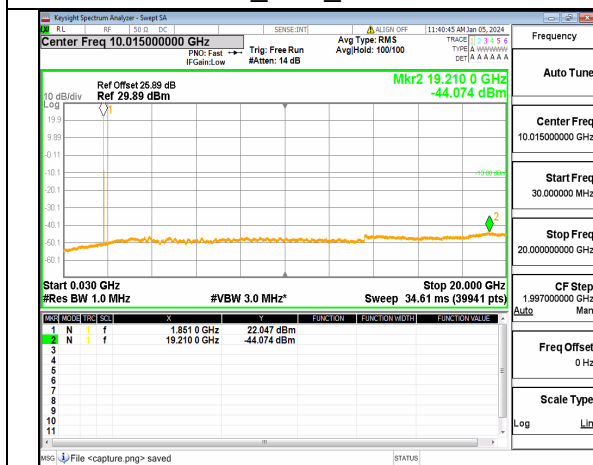
Note: In the same NR frequency band, The measured power in SA mode is higher than that in NSA mode, SA mode is selected to test all test cases.



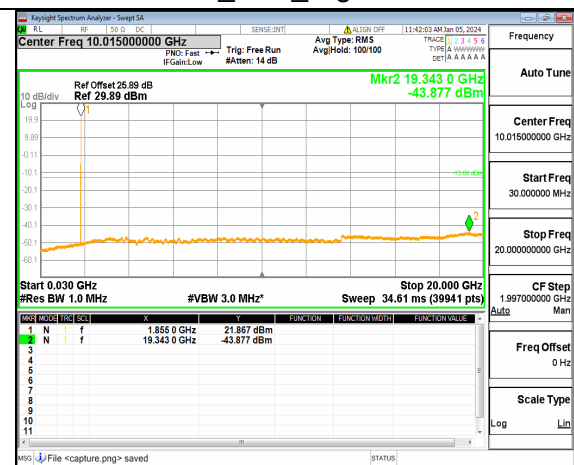
n2 (30MHz-20GHz) 5M DFT-s-OFDM BPSK
Inner_1RB_Left Low



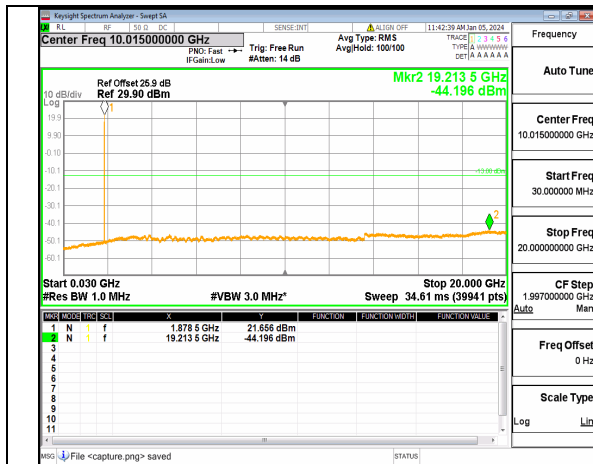
n2 (30MHz-20GHz) 5M DFT-s-OFDM BPSK
Inner_1RB_Right Low



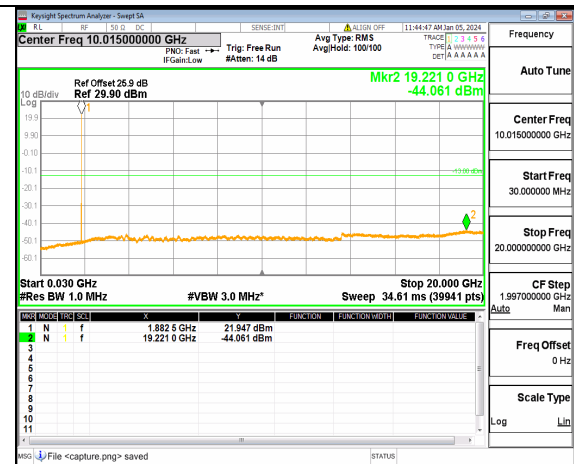
n2 (30MHz-20GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Left Low



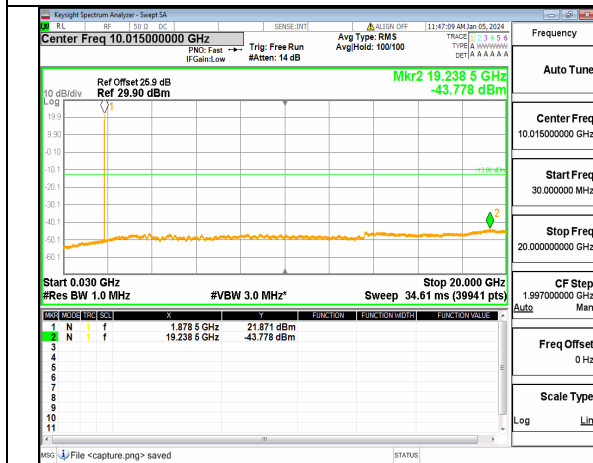
n2 (30MHz-20GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Right Low



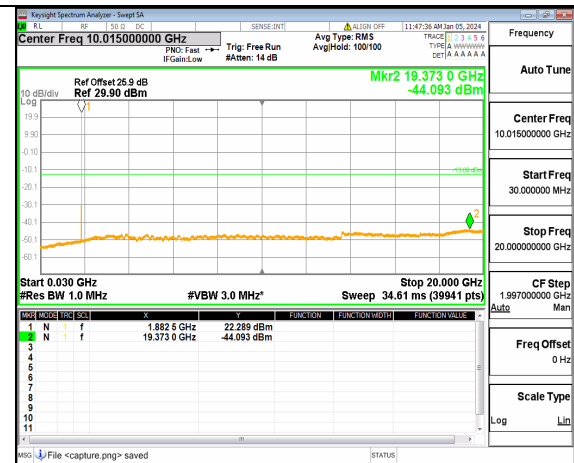
n2 (30MHz-20GHz) 5M DFT-s-OFDM BPSK
Inner_1RB_Left Mid



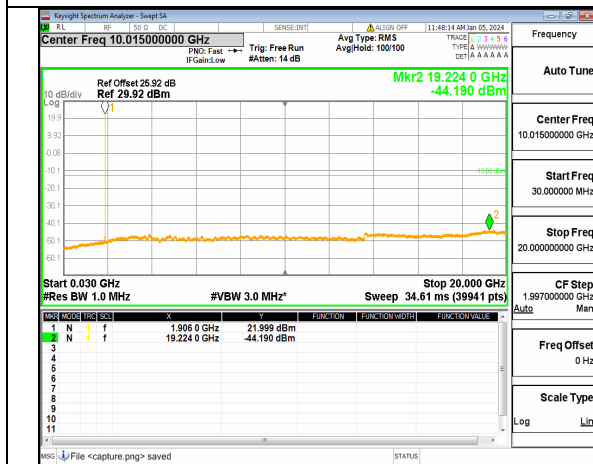
n2 (30MHz-20GHz) 5M DFT-s-OFDM BPSK
Inner_1RB_Right Mid



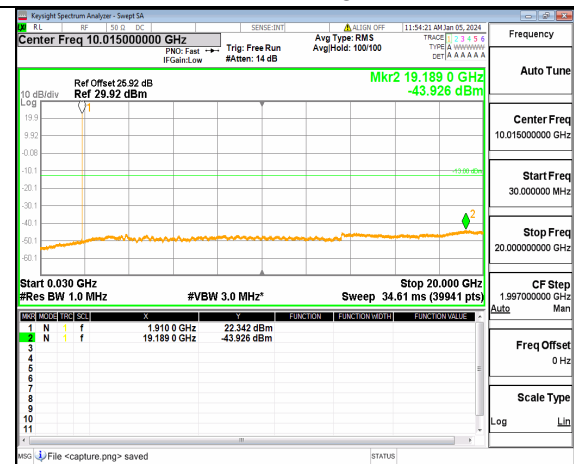
n2 (30MHz-20GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Left Mid



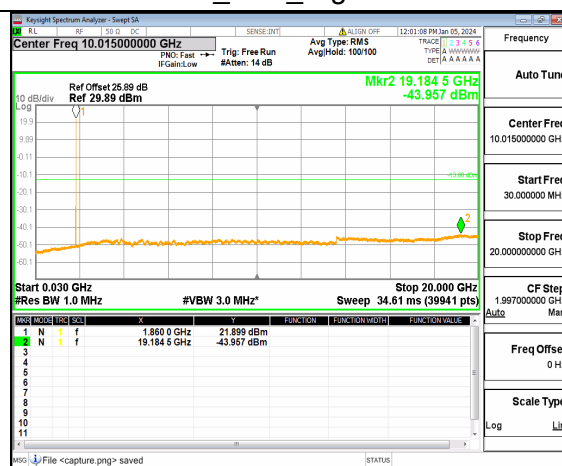
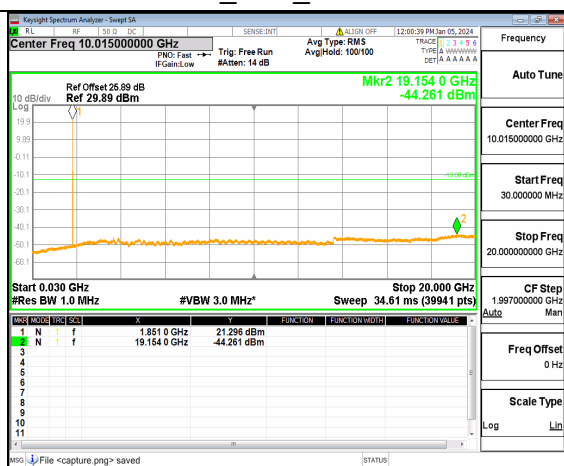
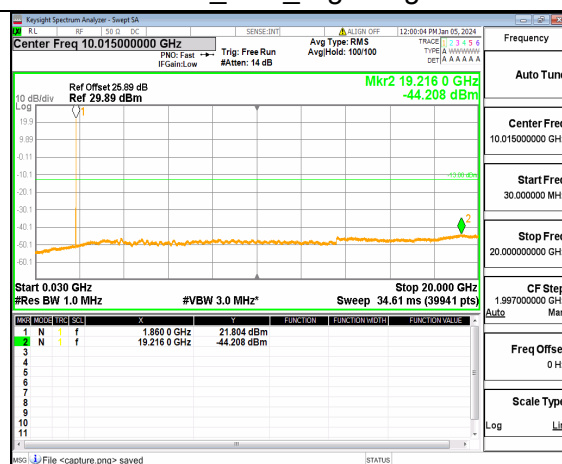
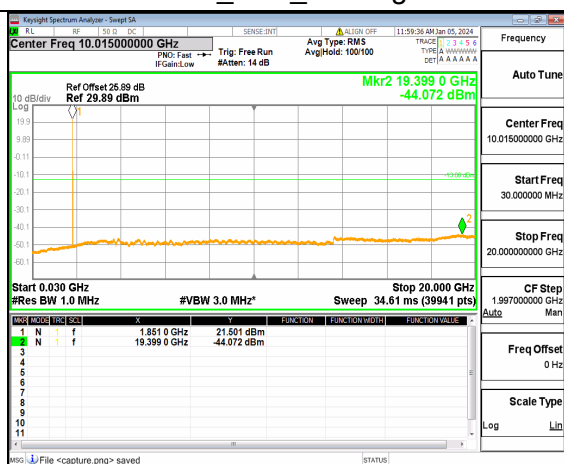
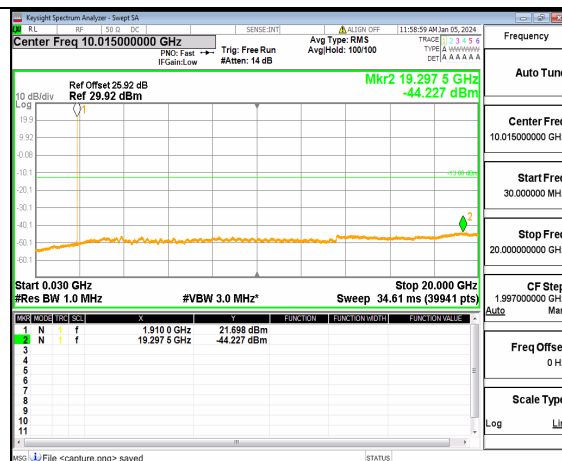
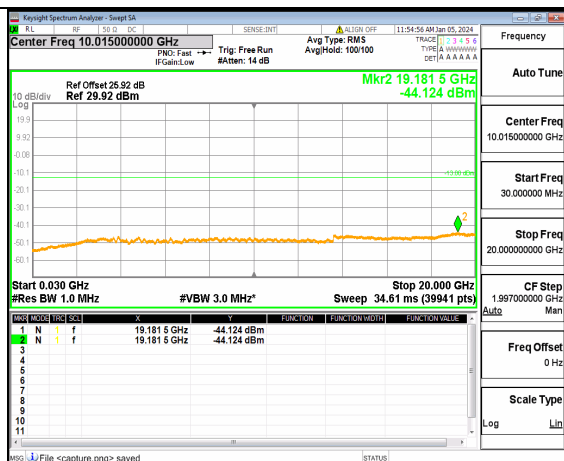
n2 (30MHz-20GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Right Mid

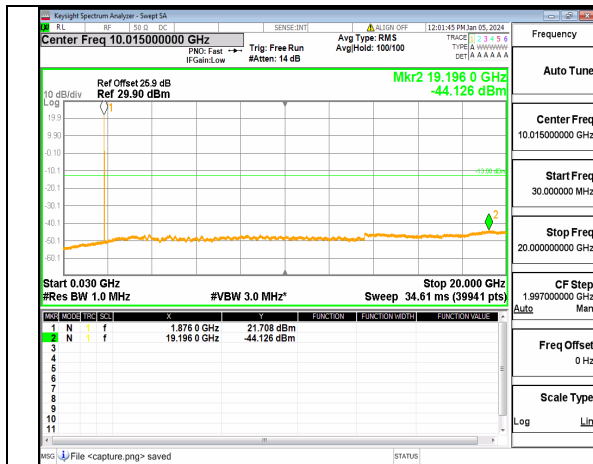
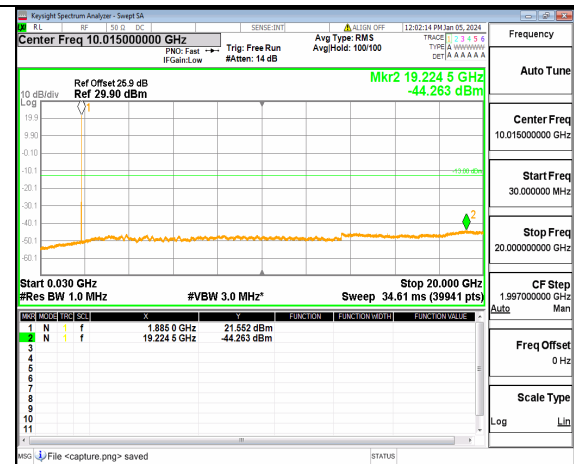
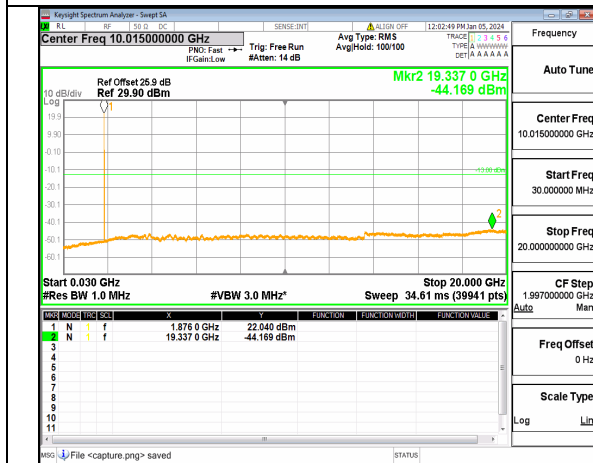
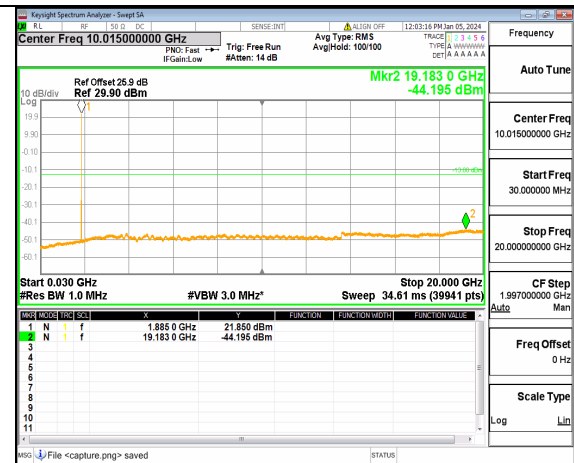
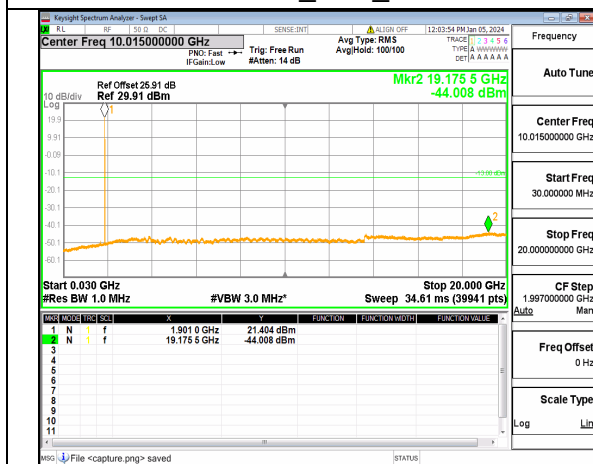
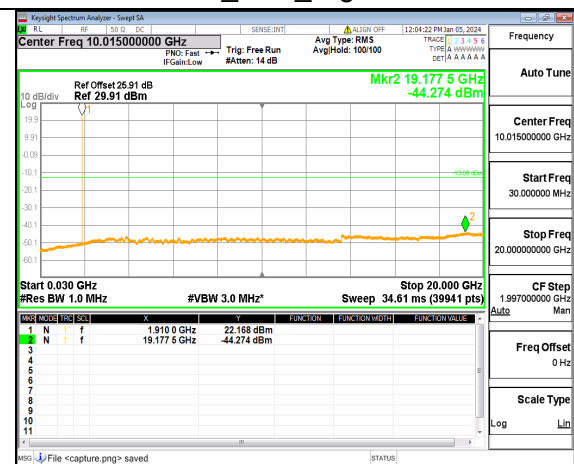


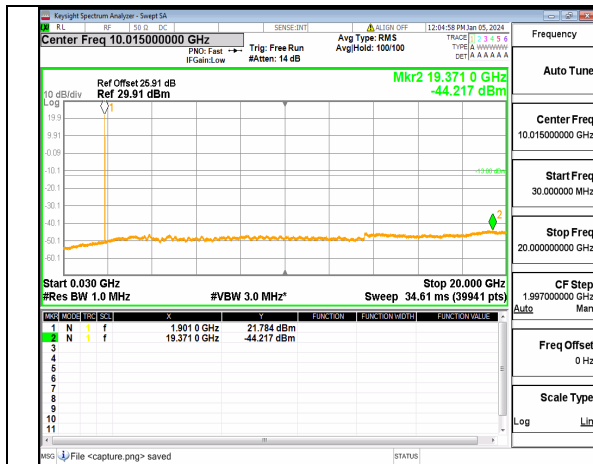
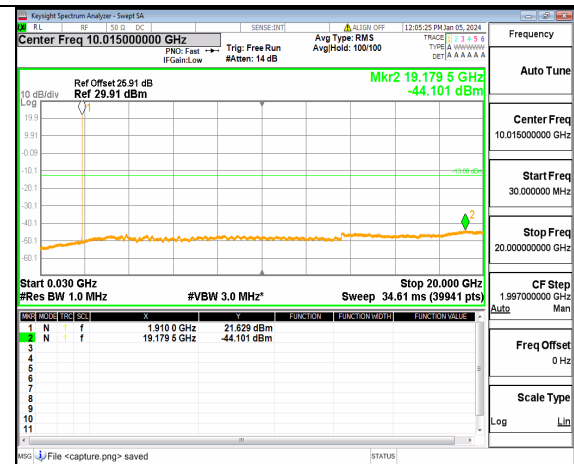
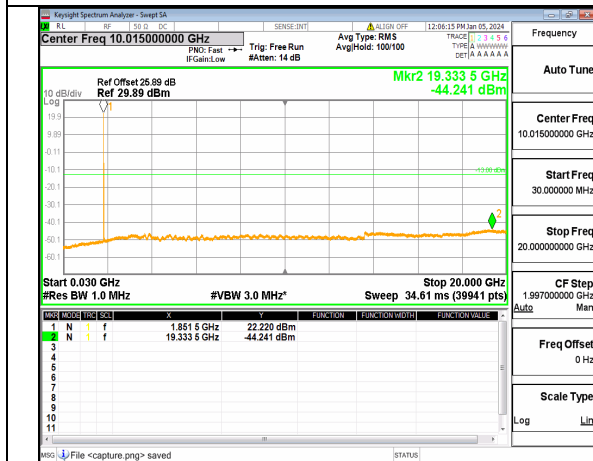
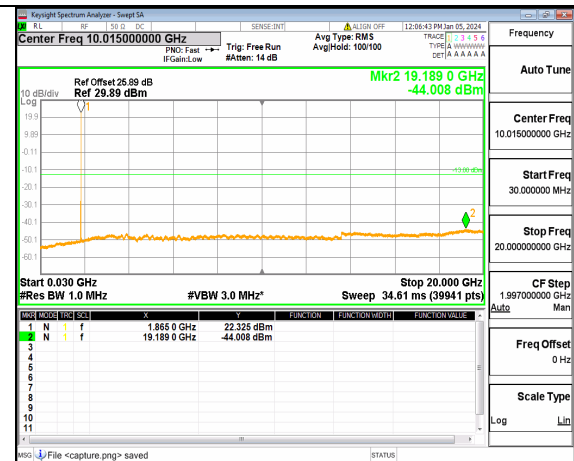
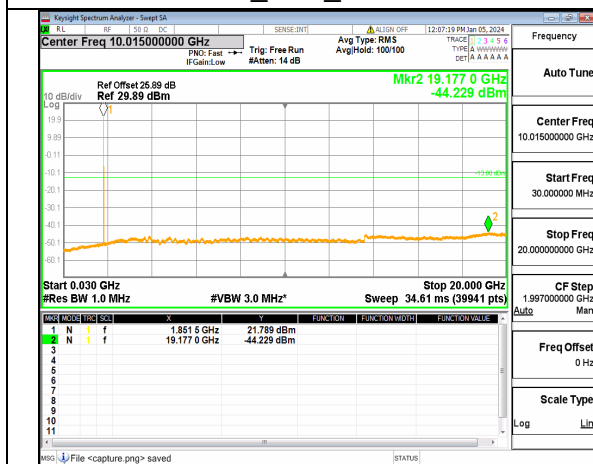
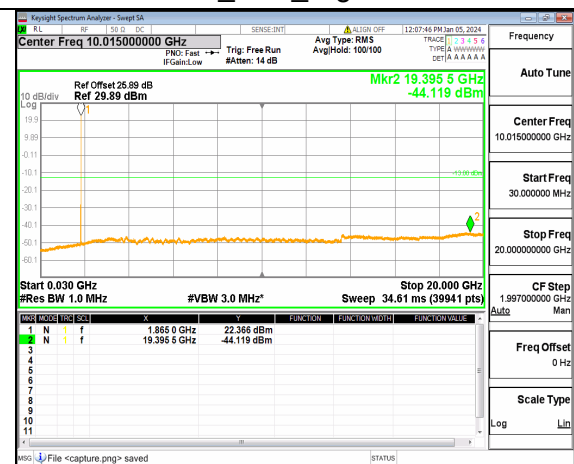
n2 (30MHz-20GHz) 5M DFT-s-OFDM BPSK
Inner_1RB_Left High

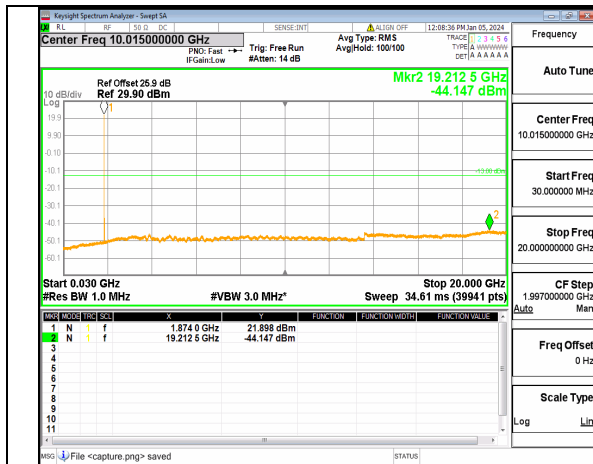
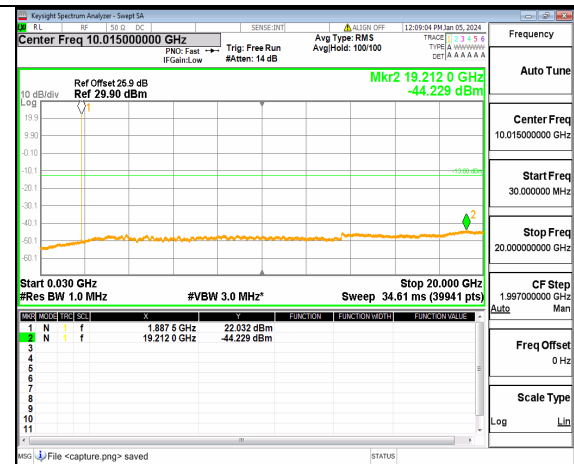
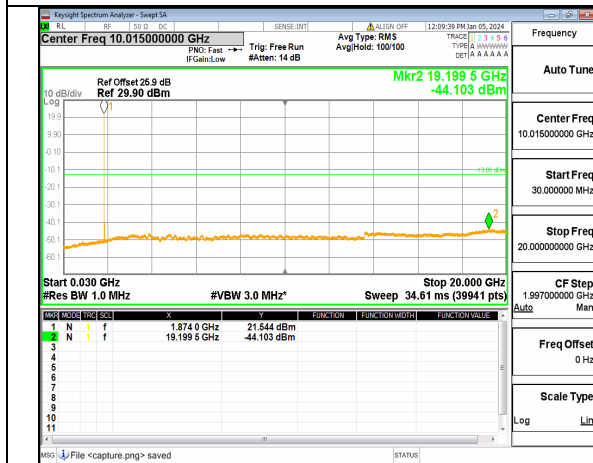
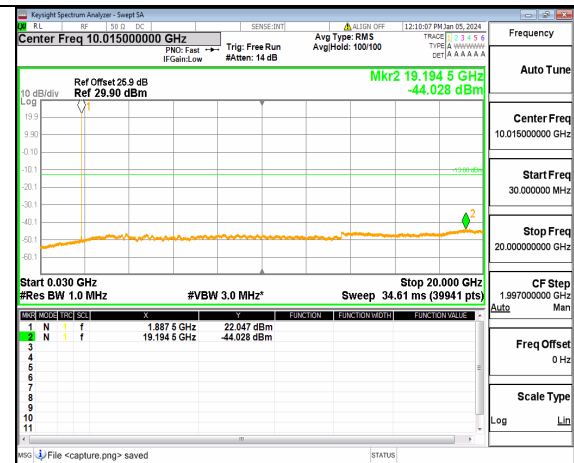
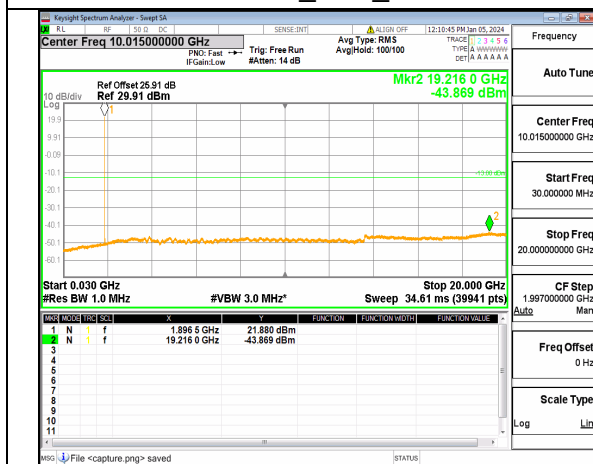
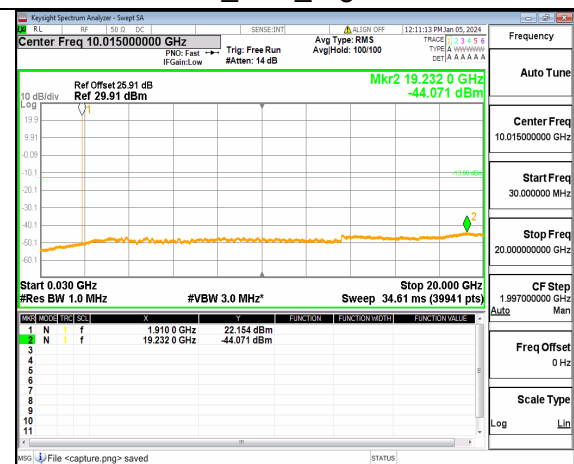


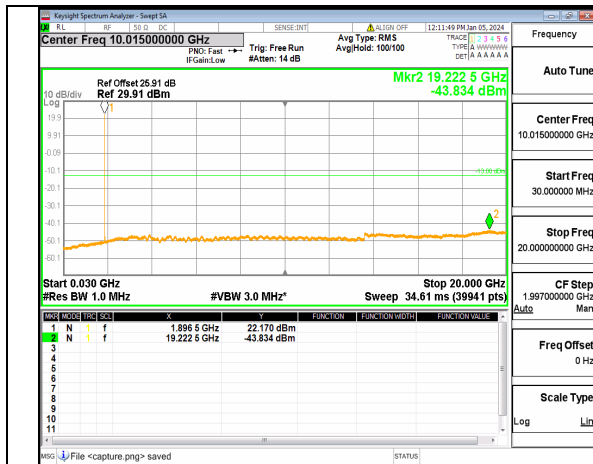
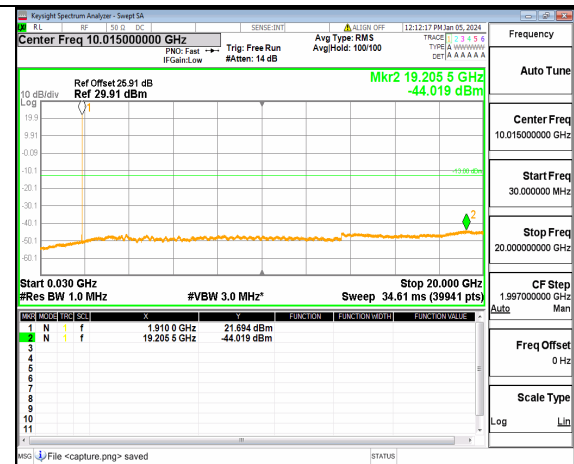
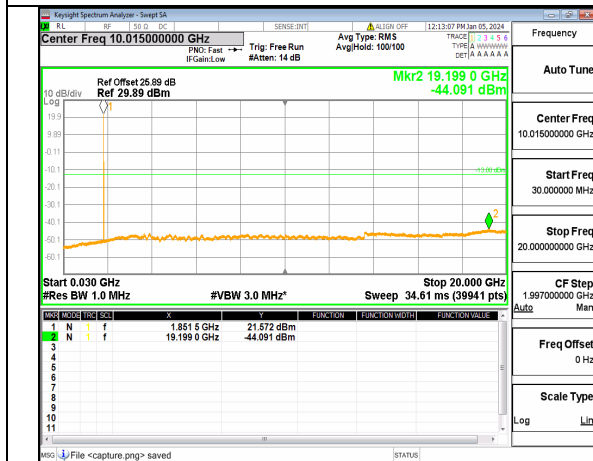
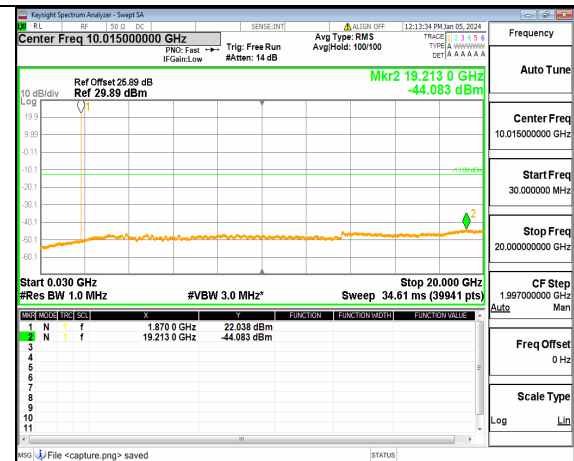
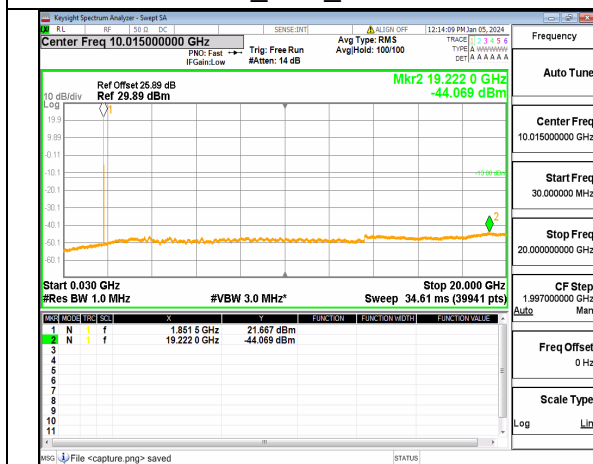
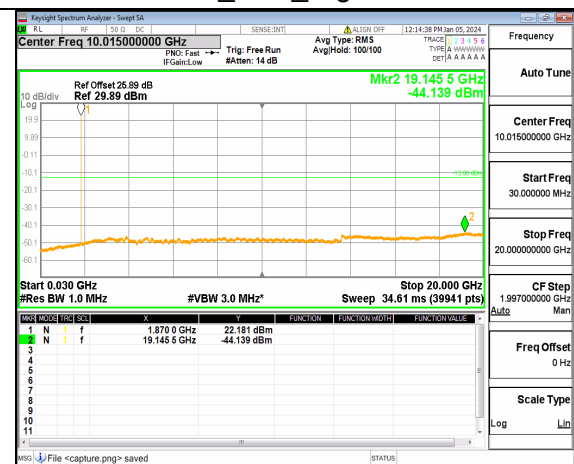
n2 (30MHz-20GHz) 5M DFT-s-OFDM BPSK
Inner_1RB_Right High

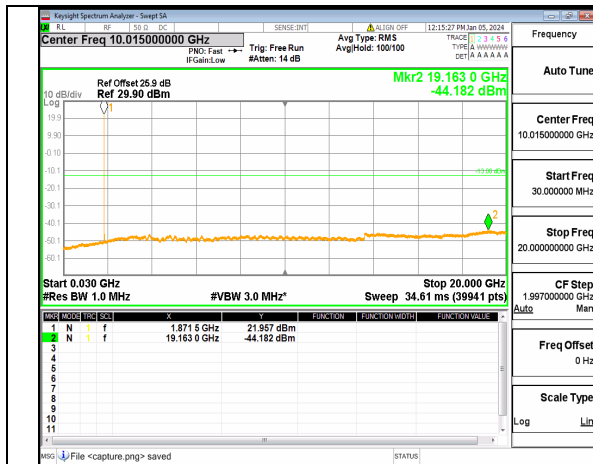


n2 (30MHz-20GHz) 10M DFT-s-OFDM BPSK
Inner_1RB_Left Midn2 (30MHz-20GHz) 10M DFT-s-OFDM BPSK
Inner_1RB_Right Midn2 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Inner_1RB_Left Midn2 (30MHz-20GHz) 10M DFT-s-OFDM QPSK
Inner_1RB_Right Midn2 (30MHz-20GHz) 10M DFT-s-OFDM BPSK
Inner_1RB_Left Highn2 (30MHz-20GHz) 10M DFT-s-OFDM BPSK
Inner_1RB_Right High

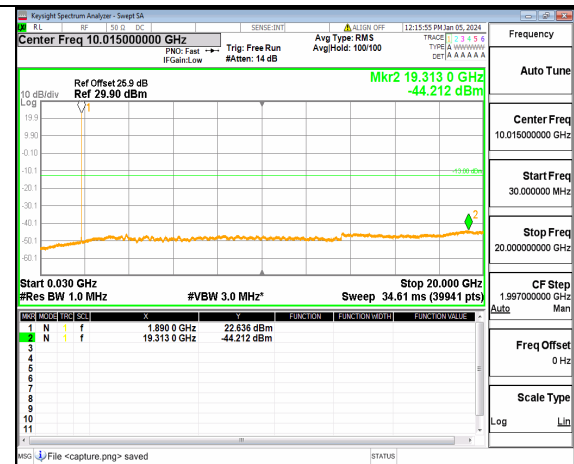
n2 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Inner_1RB_Left Highn2 (30MHz-20GHz) 10M DFT-s-OFDM QPSK
Inner_1RB_Right Highn2 (30MHz-20GHz) 15M DFT-s-OFDM BPSK
Inner_1RB_Left Lown2 (30MHz-20GHz) 15M DFT-s-OFDM BPSK
Inner_1RB_Right Lown2 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Inner_1RB_Left Lown2 (30MHz-20GHz) 15M DFT-s-OFDM QPSK
Inner_1RB_Right Low

n2 (30MHz-20GHz) 15M DFT-s-OFDM BPSK
Inner_1RB_Left Midn2 (30MHz-20GHz) 15M DFT-s-OFDM BPSK
Inner_1RB_Right Midn2 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Inner_1RB_Left Midn2 (30MHz-20GHz) 15M DFT-s-OFDM QPSK
Inner_1RB_Right Midn2 (30MHz-20GHz) 15M DFT-s-OFDM BPSK
Inner_1RB_Left Highn2 (30MHz-20GHz) 15M DFT-s-OFDM BPSK
Inner_1RB_Right High

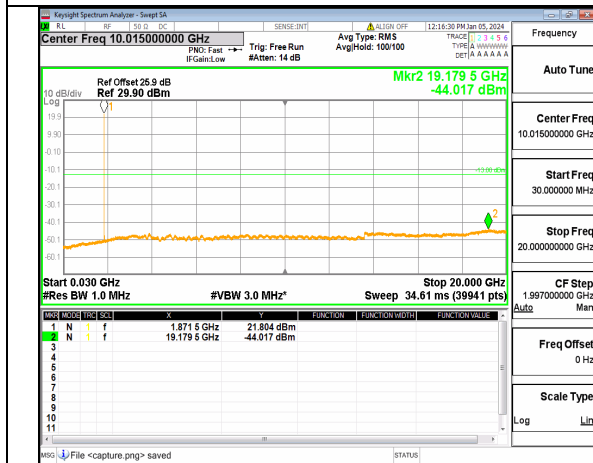
n2 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Inner_1RB_Left Highn2 (30MHz-20GHz) 15M DFT-s-OFDM QPSK
Inner_1RB_Right Highn2 (30MHz-20GHz) 20M DFT-s-OFDM BPSK
Inner_1RB_Left Lown2 (30MHz-20GHz) 20M DFT-s-OFDM BPSK
Inner_1RB_Right Lown2 (30MHz-20GHz) 20M DFT-s-OFDM
QPSK Inner_1RB_Left Lown2 (30MHz-20GHz) 20M DFT-s-OFDM QPSK
Inner_1RB_Right Low



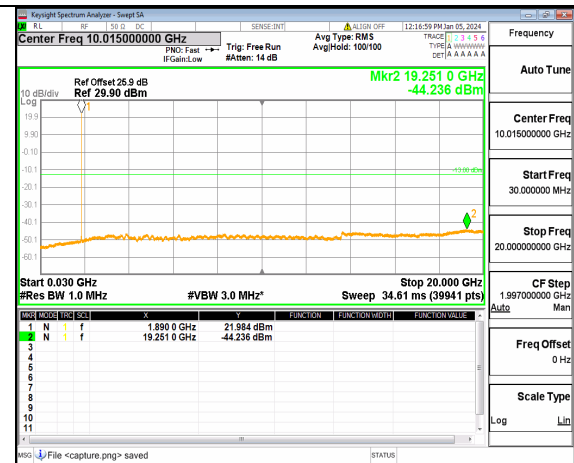
n2 (30MHz-20GHz) 20M DFT-s-OFDM BPSK
Inner_1RB_Left Mid



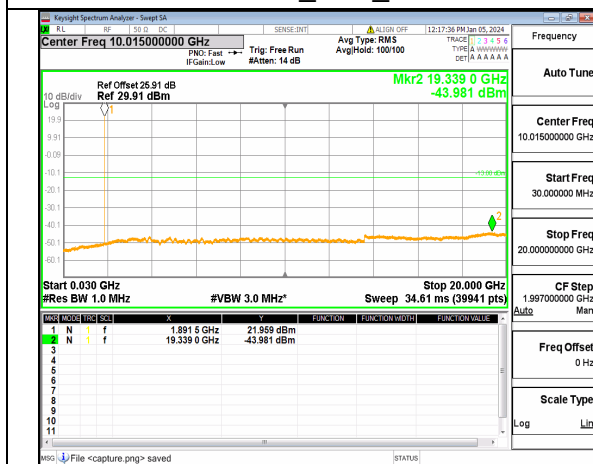
n2 (30MHz-20GHz) 20M DFT-s-OFDM BPSK
Inner_1RB_Right Mid



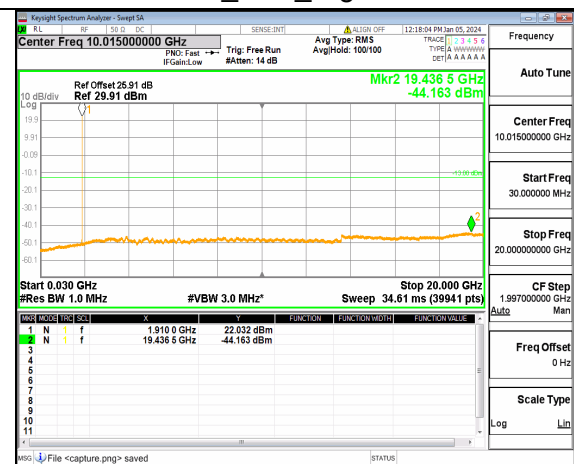
n2 (30MHz-20GHz) 20M DFT-s-OFDM
QPSK Inner_1RB_Left Mid



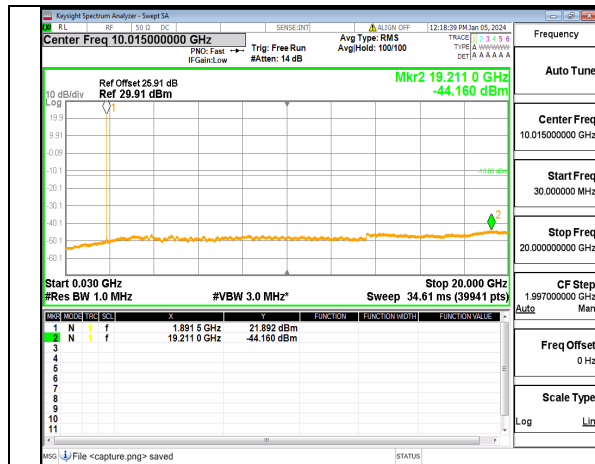
n2 (30MHz-20GHz) 20M DFT-s-OFDM QPSK
Inner_1RB_Right Mid



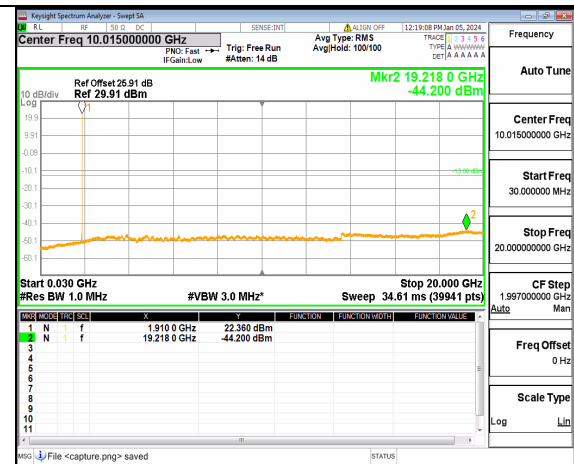
n2 (30MHz-20GHz) 20M DFT-s-OFDM BPSK
Inner_1RB_Left High



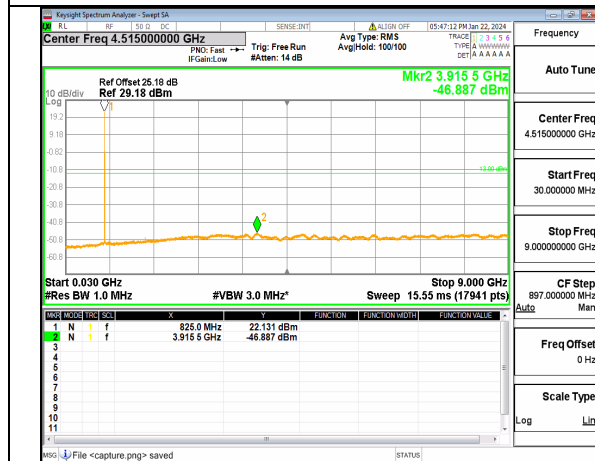
n2 (30MHz-20GHz) 20M DFT-s-OFDM BPSK
Inner_1RB_Right High



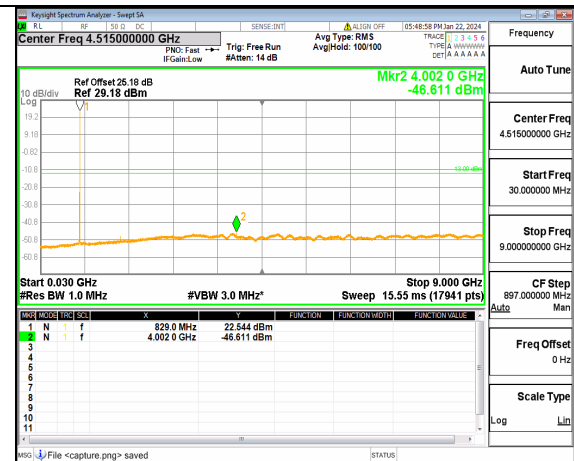
n2 (30MHz-20GHz) 20M DFT-s-OFDM
QPSK Inner_1RB_Left High



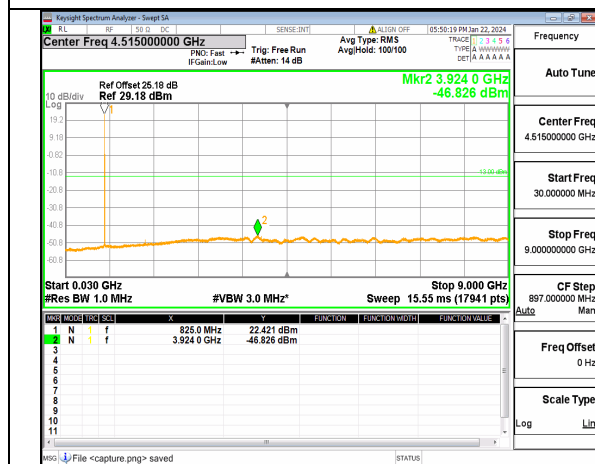
n2 (30MHz-20GHz) 20M DFT-s-OFDM QPSK
Inner_1RB_Right High



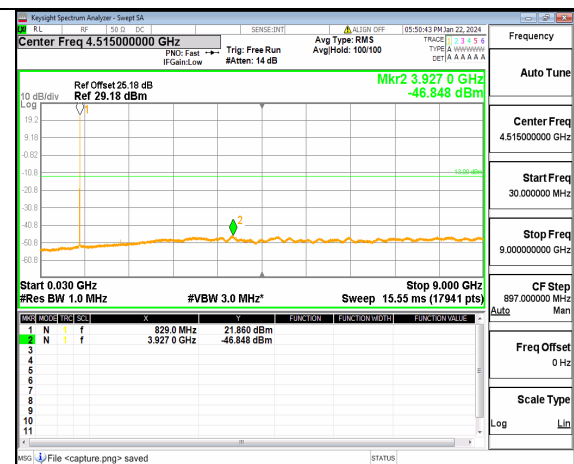
n5 (30MHz-9GHz) 5M DFT-s-OFDM BPSK
Inner_1RB_Left Low



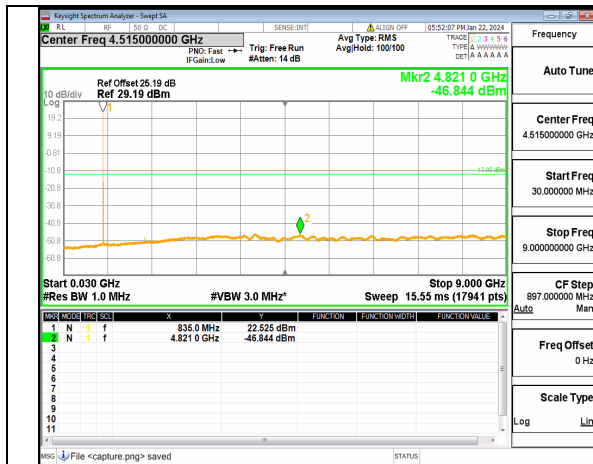
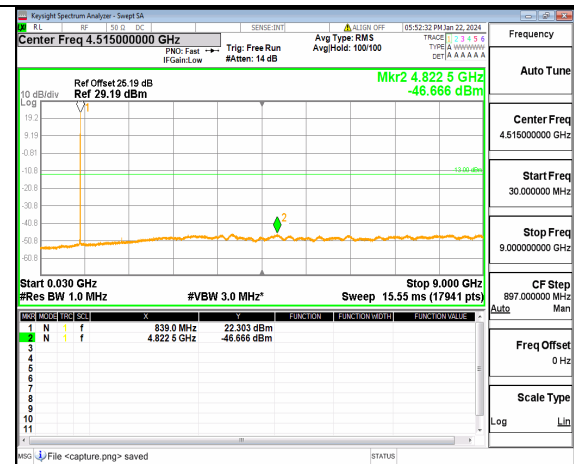
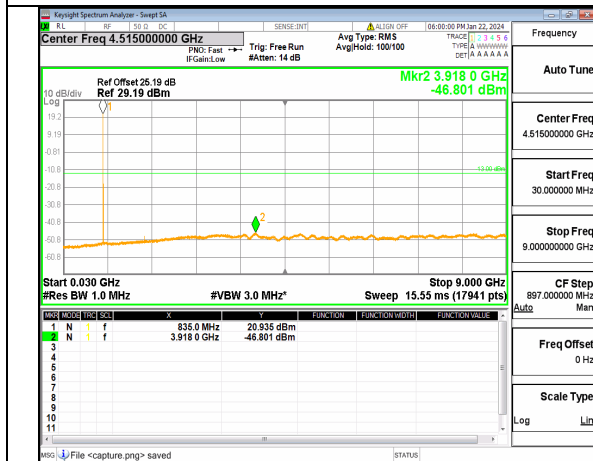
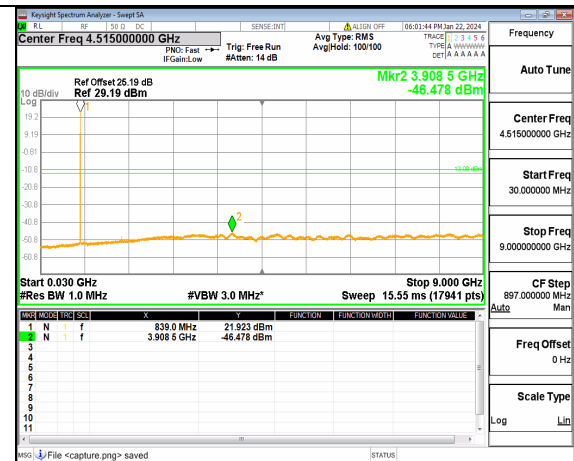
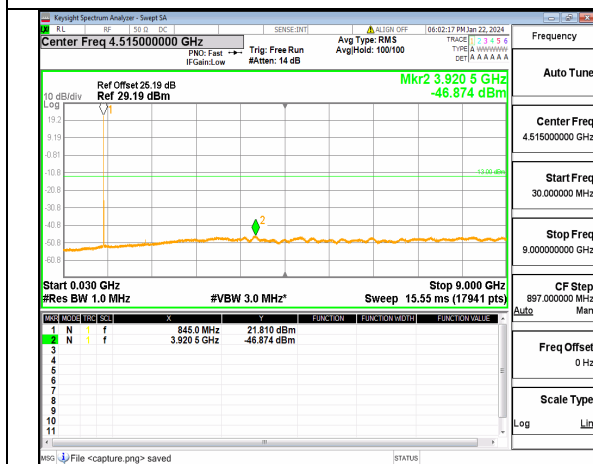
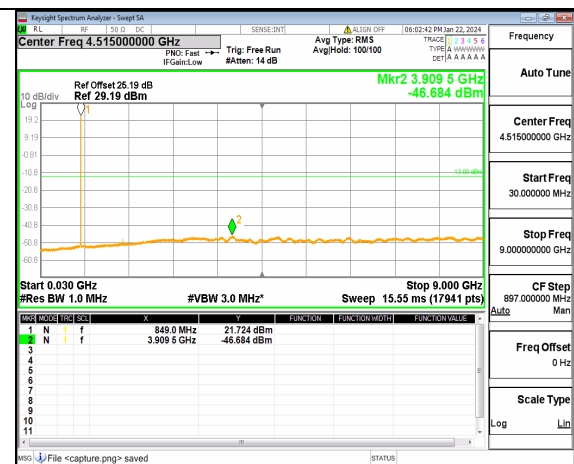
n5 (30MHz-9GHz) 5M DFT-s-OFDM BPSK
Inner_1RB_Right Low

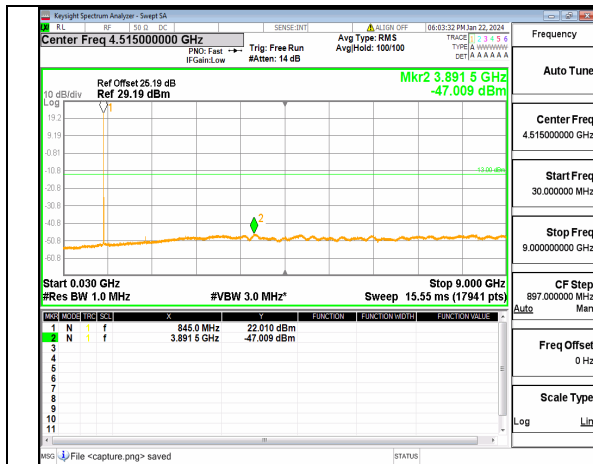
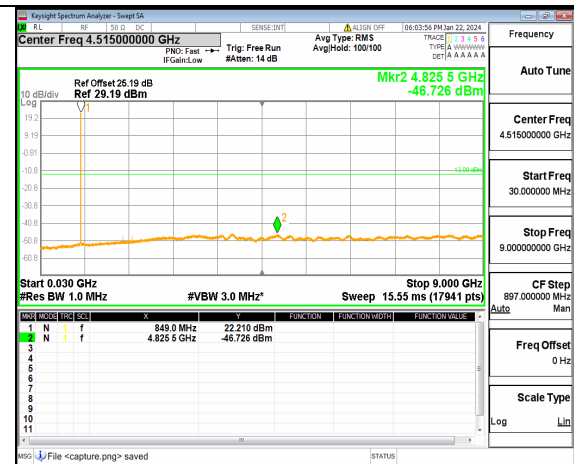
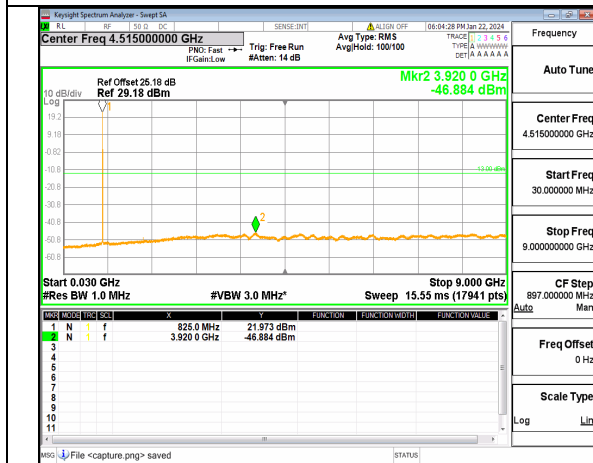
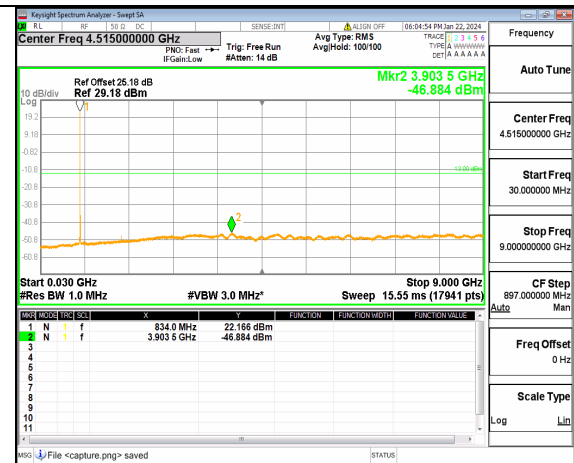
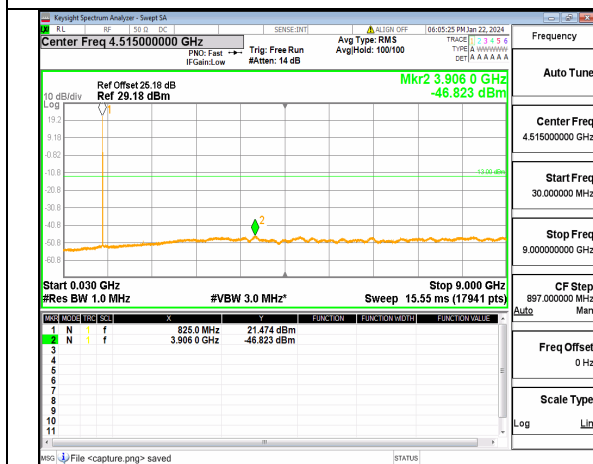
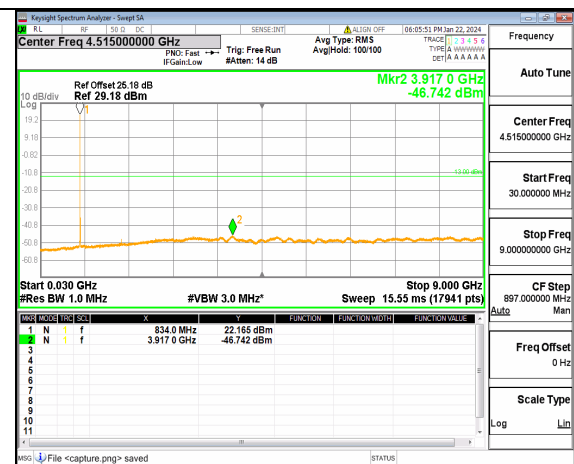


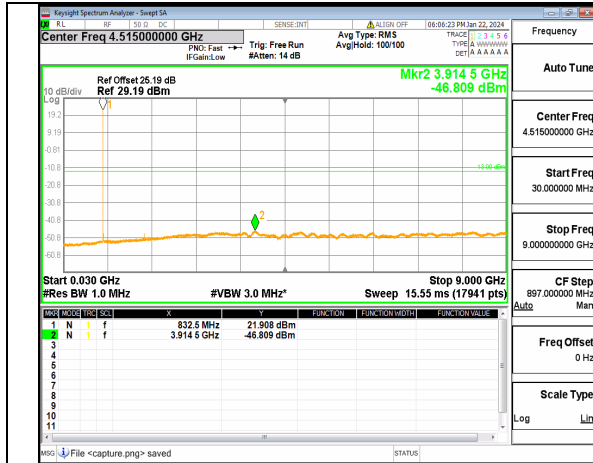
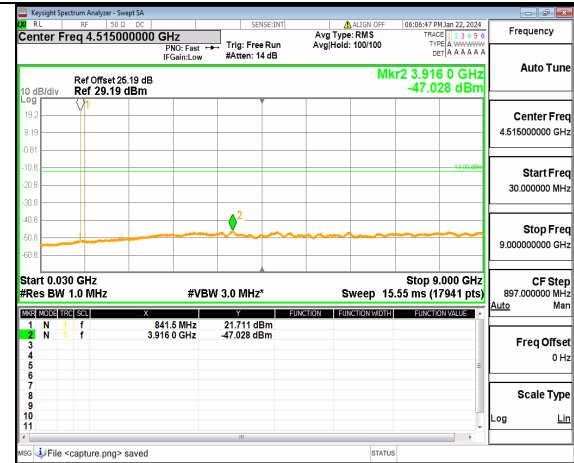
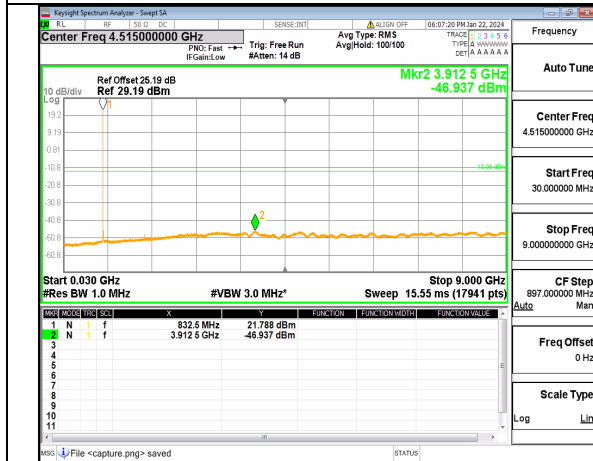
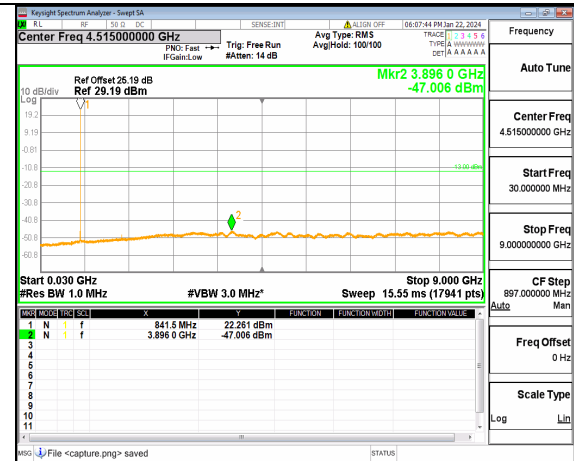
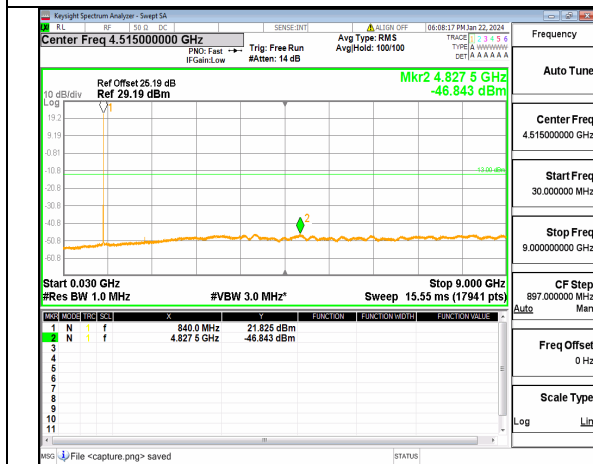
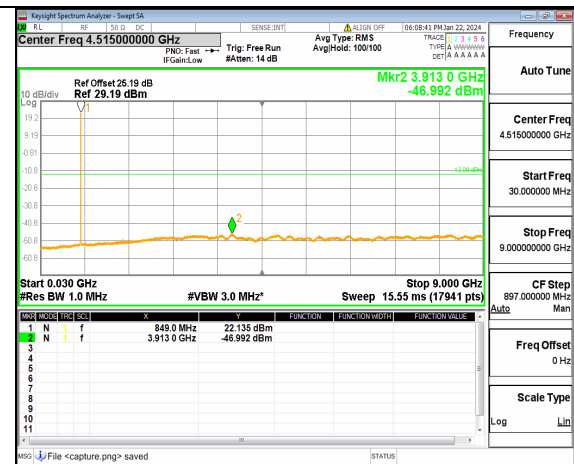
n5 (30MHz-9GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Left Low

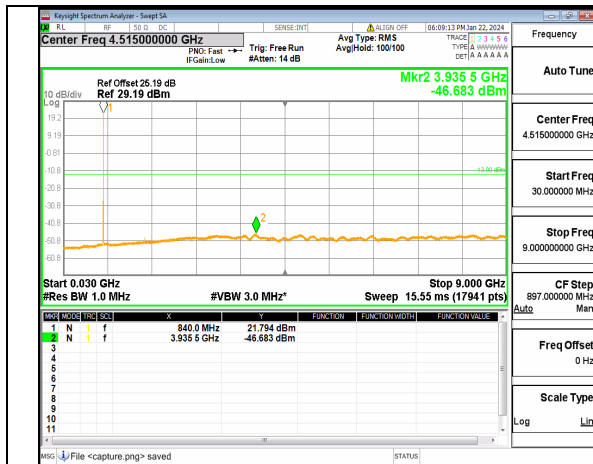
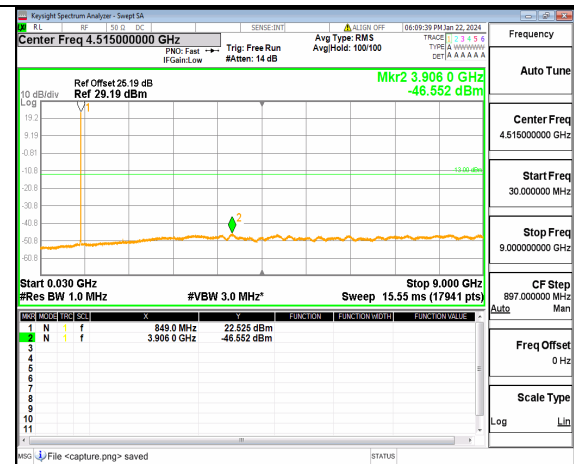
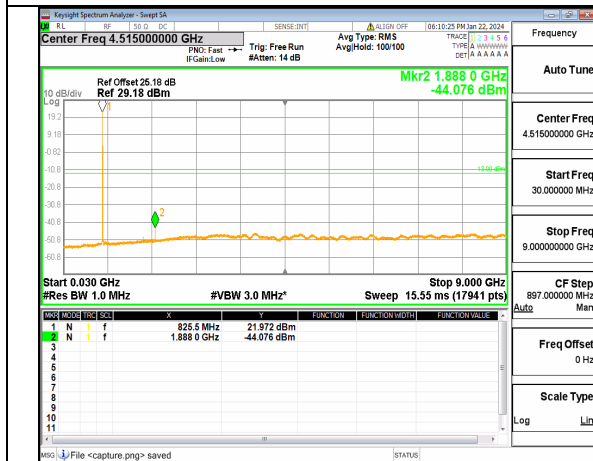
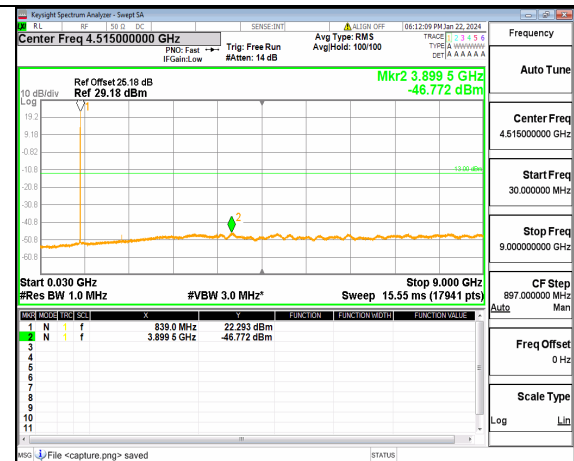
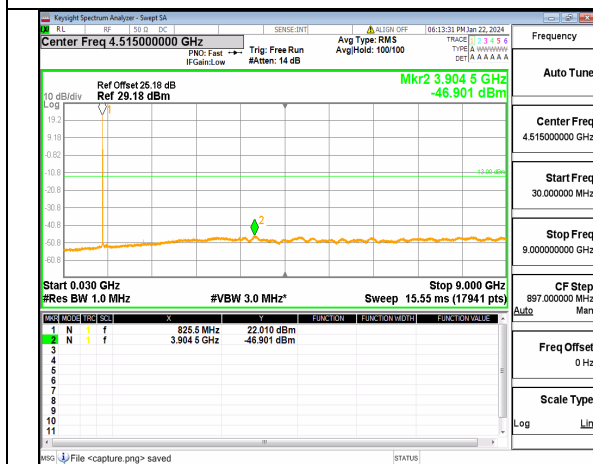
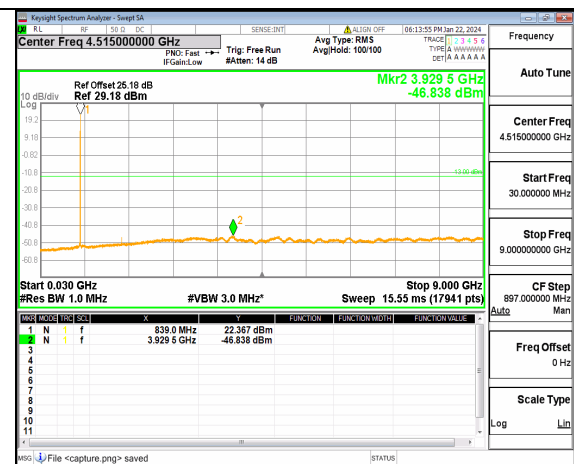


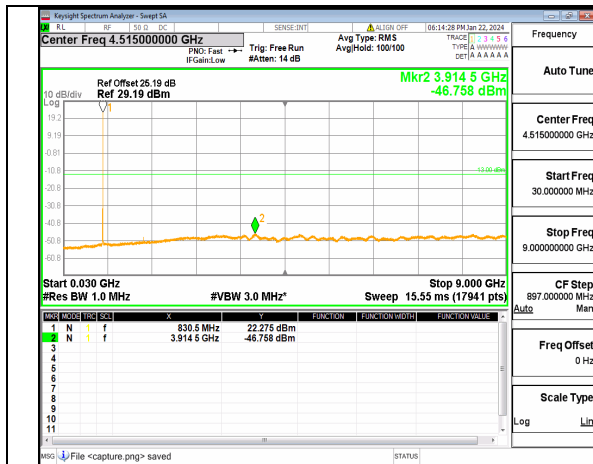
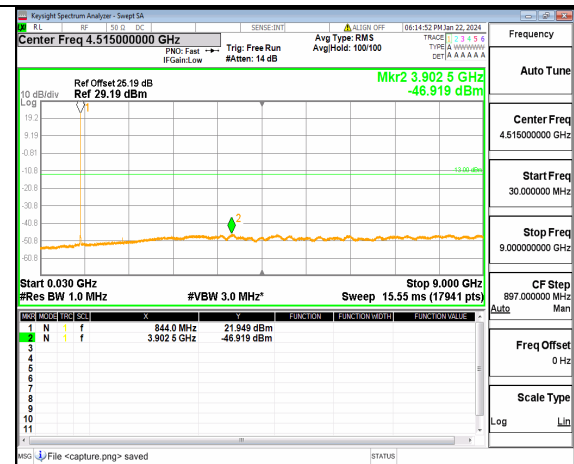
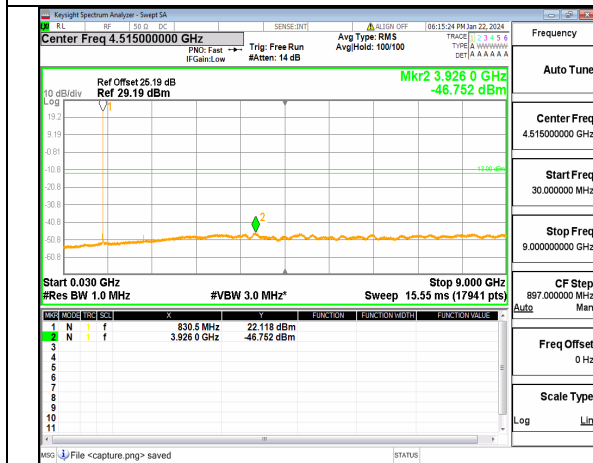
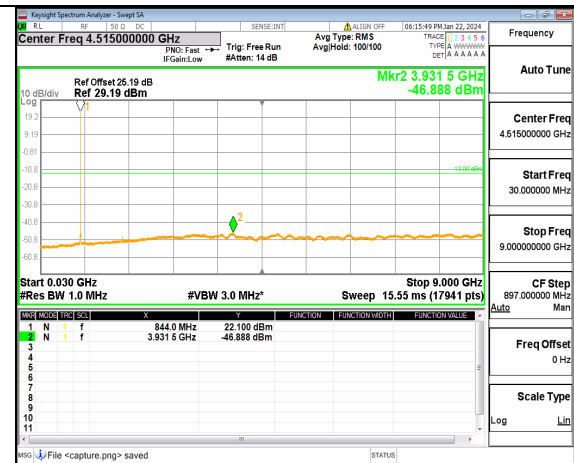
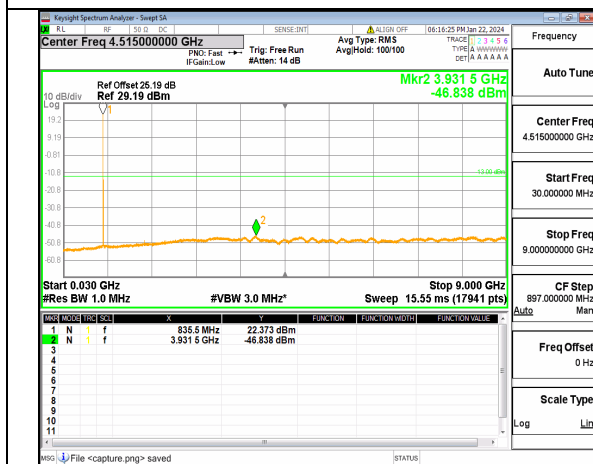
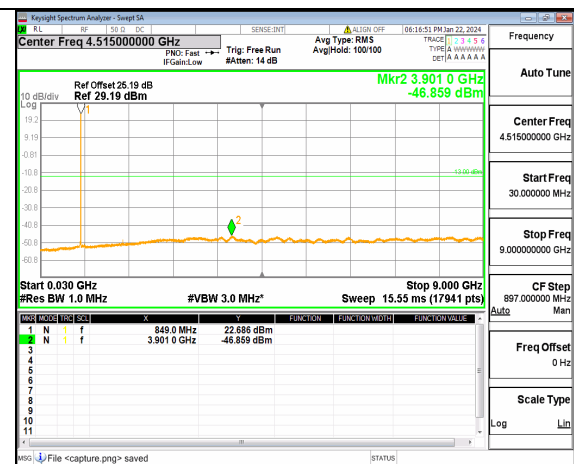
n5 (30MHz-9GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Right Low

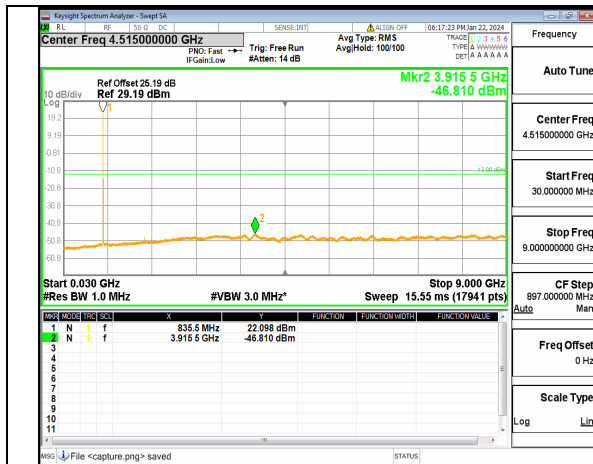
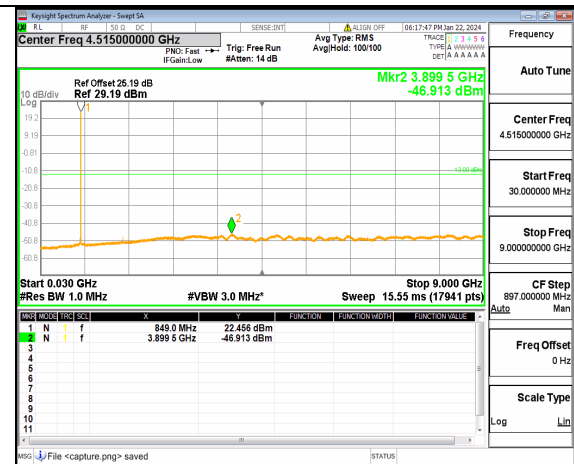
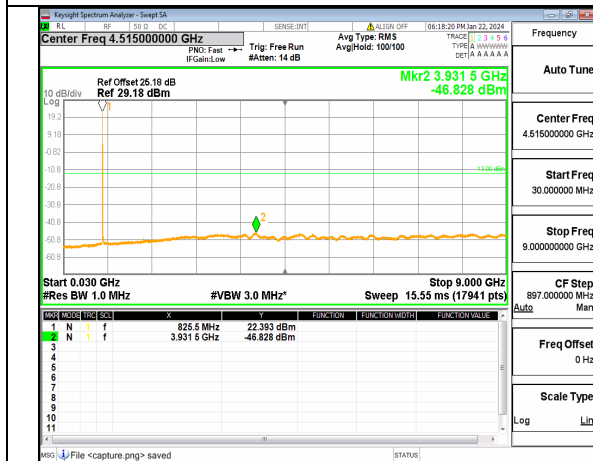
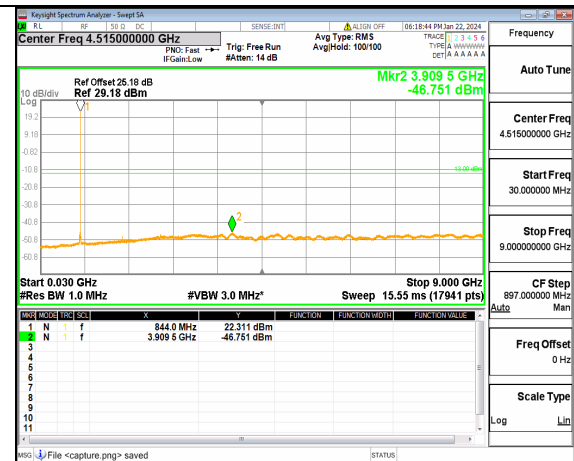
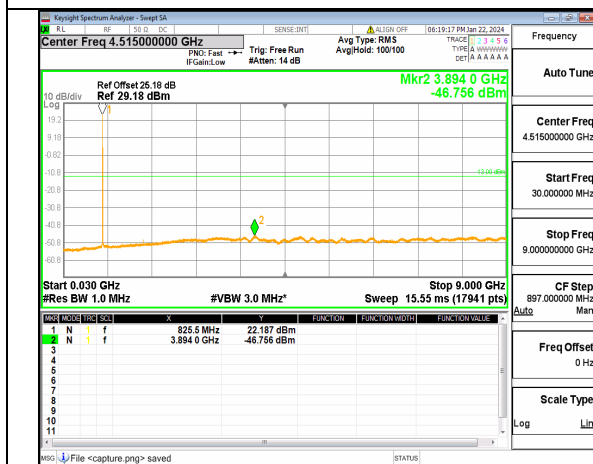
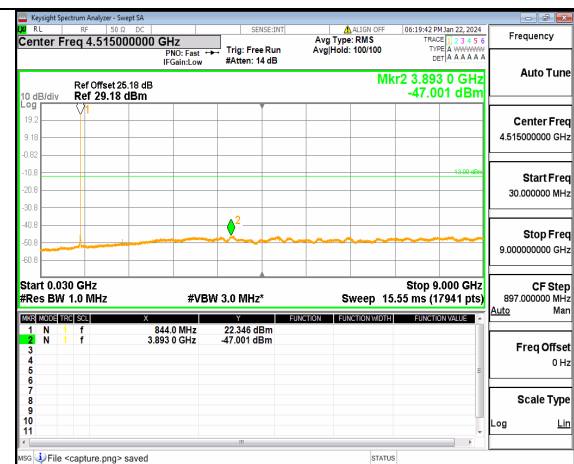
n5 (30MHz-9GHz) 5M DFT-s-OFDM BPSK
Inner_1RB_Left Midn5 (30MHz-9GHz) 5M DFT-s-OFDM BPSK
Inner_1RB_Right Midn5 (30MHz-9GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Left Midn5 (30MHz-9GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Right Midn5 (30MHz-9GHz) 5M DFT-s-OFDM BPSK
Inner_1RB_Left Highn5 (30MHz-9GHz) 5M DFT-s-OFDM BPSK
Inner_1RB_Right High

n5 (30MHz-9GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Left Highn5 (30MHz-9GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Right Highn5 (30MHz-9GHz) 10M DFT-s-OFDM BPSK
Inner_1RB_Left Lown5 (30MHz-9GHz) 10M DFT-s-OFDM BPSK
Inner_1RB_Right Lown5 (30MHz-9GHz) 10M DFT-s-OFDM QPSK
Inner_1RB_Left Lown5 (30MHz-9GHz) 10M DFT-s-OFDM QPSK
Inner_1RB_Right Low

n5 (30MHz-9GHz) 10M DFT-s-OFDM BPSK
Inner_1RB_Left Midn5 (30MHz-9GHz) 10M DFT-s-OFDM BPSK
Inner_1RB_Right Midn5 (30MHz-9GHz) 10M DFT-s-OFDM QPSK
Inner_1RB_Left Midn5 (30MHz-9GHz) 10M DFT-s-OFDM QPSK
Inner_1RB_Right Midn5 (30MHz-9GHz) 10M DFT-s-OFDM BPSK
Inner_1RB_Left Highn5 (30MHz-9GHz) 10M DFT-s-OFDM BPSK
Inner_1RB_Right High

n5 (30MHz-9GHz) 10M DFT-s-OFDM QPSK
Inner_1RB_Left Highn5 (30MHz-9GHz) 10M DFT-s-OFDM QPSK
Inner_1RB_Right Highn5 (30MHz-9GHz) 15M DFT-s-OFDM BPSK
Inner_1RB_Left Lown5 (30MHz-9GHz) 15M DFT-s-OFDM BPSK
Inner_1RB_Right Lown5 (30MHz-9GHz) 15M DFT-s-OFDM QPSK
Inner_1RB_Left Lown5 (30MHz-9GHz) 15M DFT-s-OFDM QPSK
Inner_1RB_Right Low

n5 (30MHz-9GHz) 15M DFT-s-OFDM BPSK
Inner_1RB_Left Midn5 (30MHz-9GHz) 15M DFT-s-OFDM BPSK
Inner_1RB_Right Midn5 (30MHz-9GHz) 15M DFT-s-OFDM QPSK
Inner_1RB_Left Midn5 (30MHz-9GHz) 15M DFT-s-OFDM QPSK
Inner_1RB_Right Midn5 (30MHz-9GHz) 15M DFT-s-OFDM BPSK
Inner_1RB_Left Highn5 (30MHz-9GHz) 15M DFT-s-OFDM BPSK
Inner_1RB_Right High

n5 (30MHz-9GHz) 15M DFT-s-OFDM QPSK
Inner_1RB_Left Highn5 (30MHz-9GHz) 15M DFT-s-OFDM QPSK
Inner_1RB_Right Highn5 (30MHz-9GHz) 20M DFT-s-OFDM BPSK
Inner_1RB_Left Lown5 (30MHz-9GHz) 20M DFT-s-OFDM BPSK
Inner_1RB_Right Lown5 (30MHz-9GHz) 20M DFT-s-OFDM QPSK
Inner_1RB_Left Lown5 (30MHz-9GHz) 20M DFT-s-OFDM QPSK
Inner_1RB_Right Low