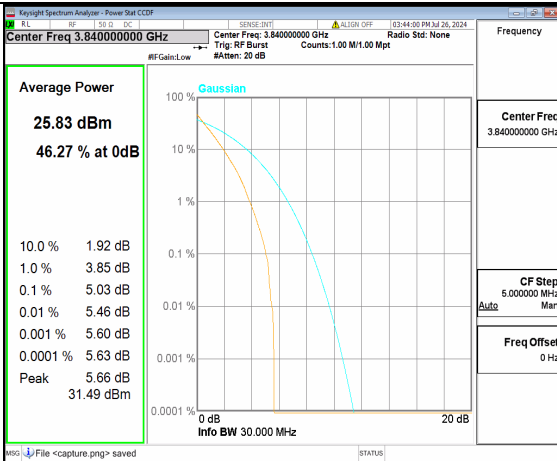
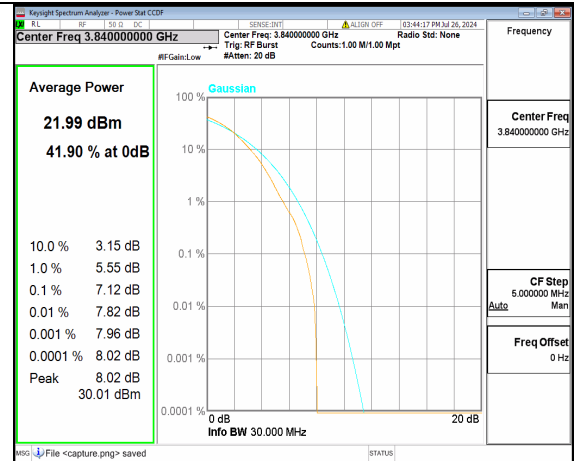
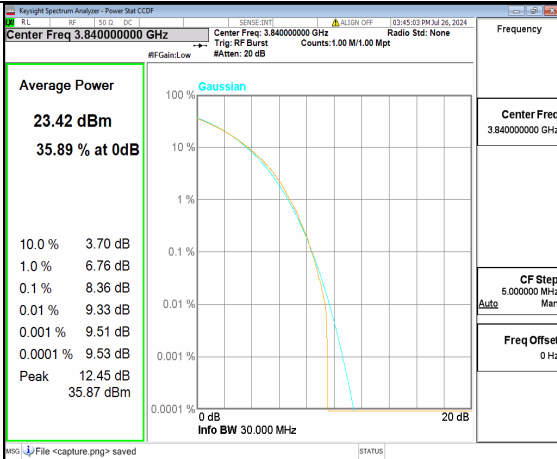




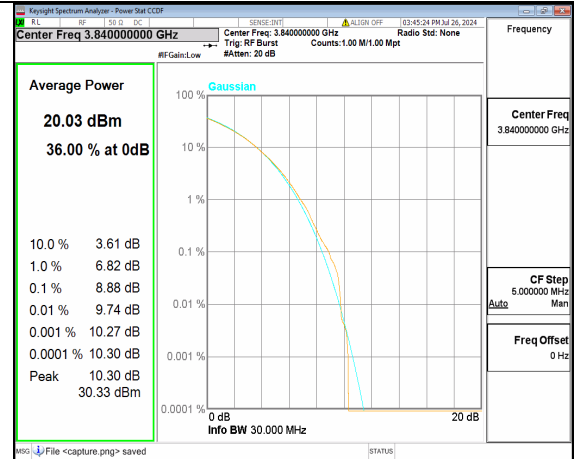
n77(3700-3980MHz) 30M DFT-s-OFDM
BPSK Outer_Full Mid



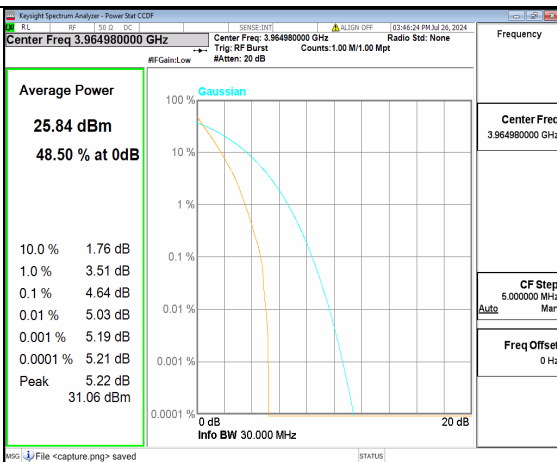
n77(3700-3980MHz) 30M DFT-s-OFDM
256QAM Outer_Full Mid



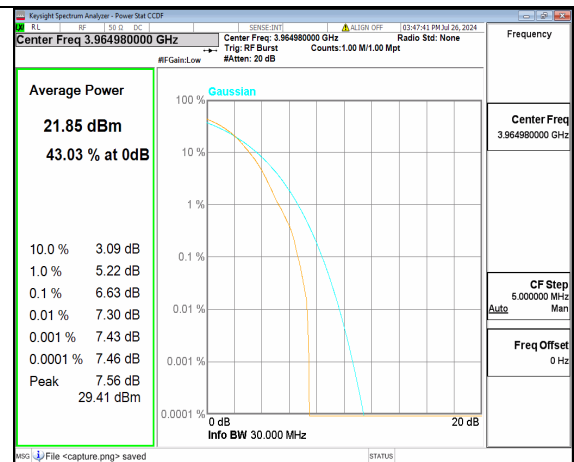
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Outer_Full Mid



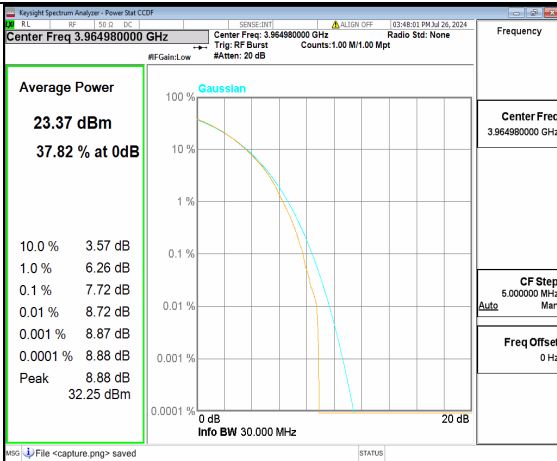
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256QAM Outer_Full Mid



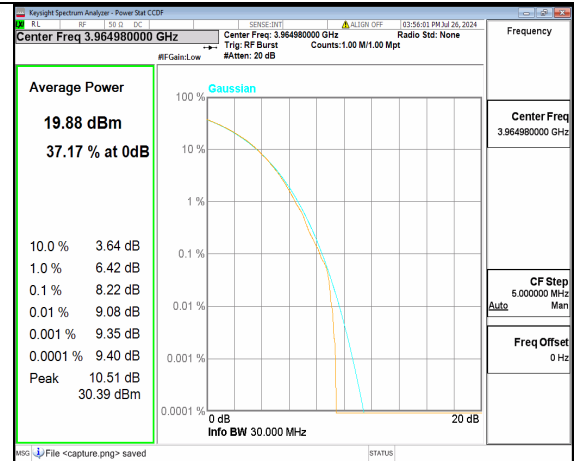
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BPSK Outer_Full High



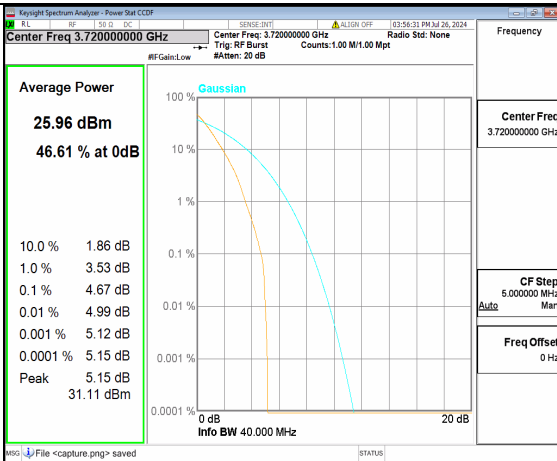
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256QAM Outer_Full High



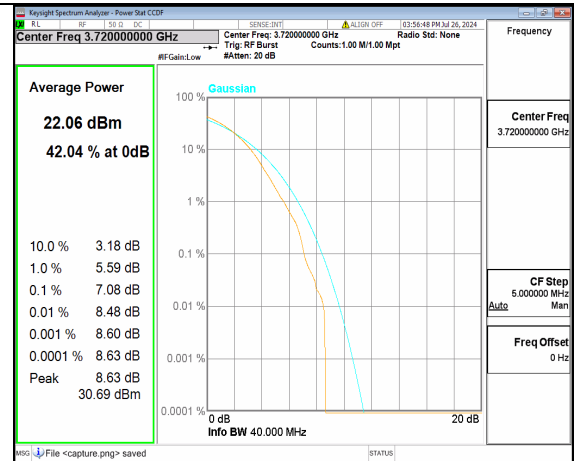
n77(3700-3980MHz) 30M CP-OFDM QPSK
Outer_Full High



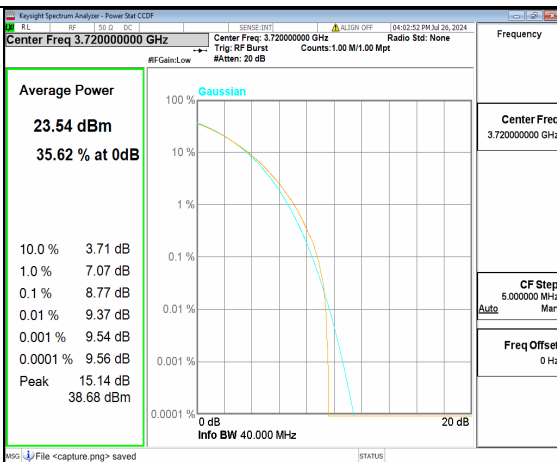
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256QAM Outer_Full High



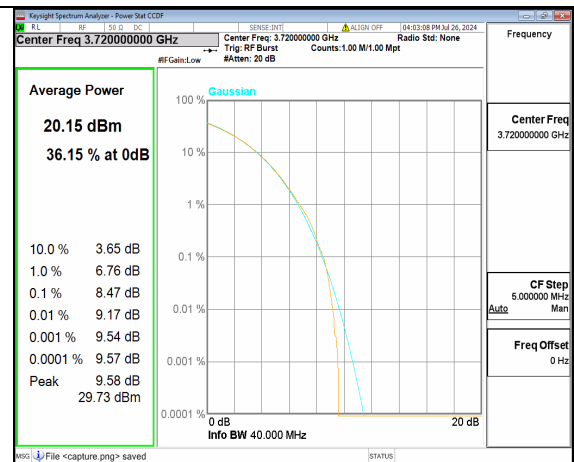
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BPSK Outer_Full Low



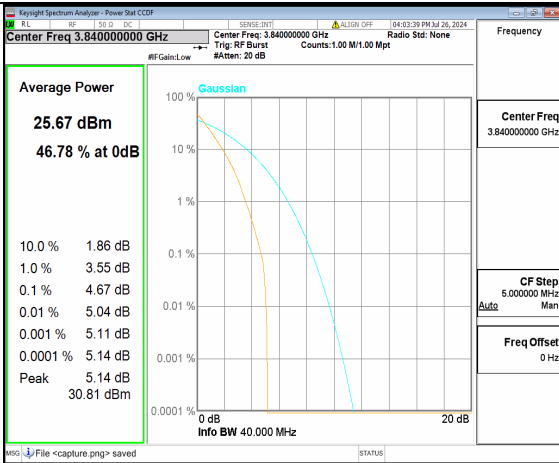
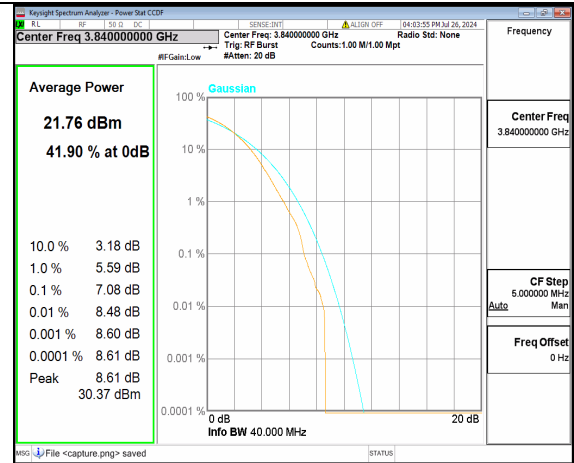
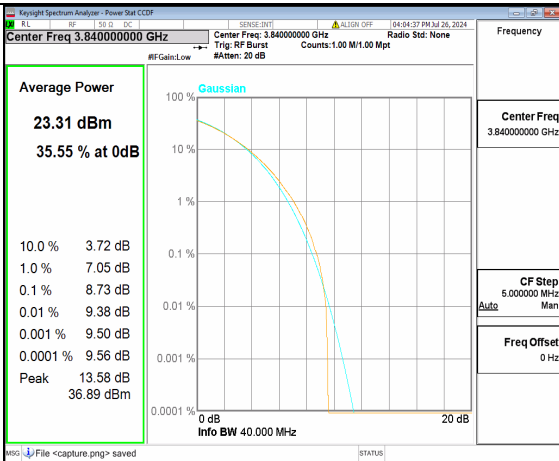
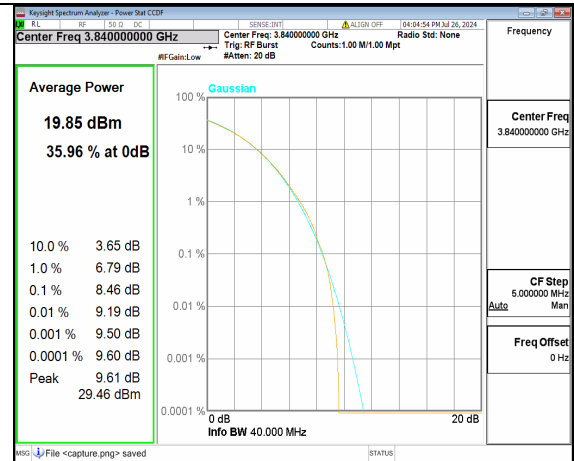
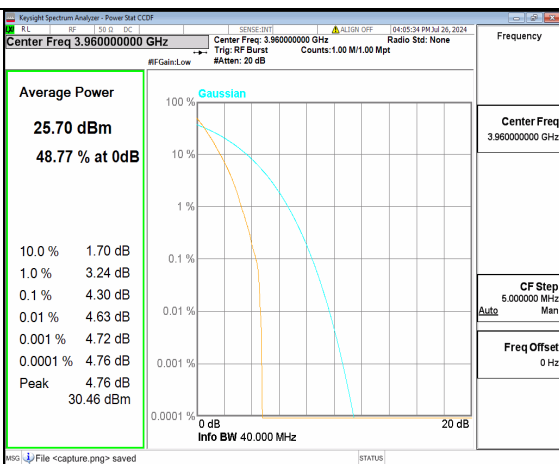
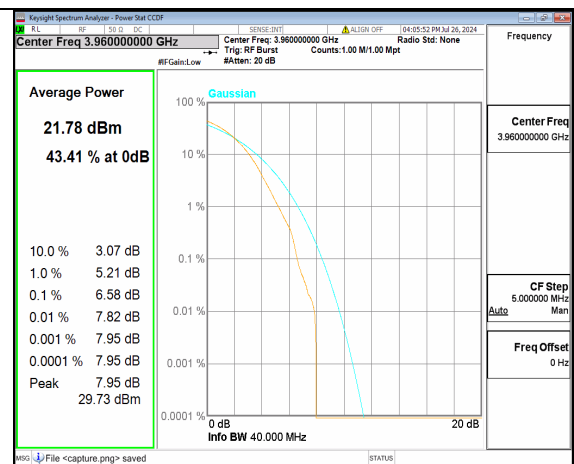
n77(3700-3980MHz) 40M DFT-s-OFDM
256QAM Outer_Full Low

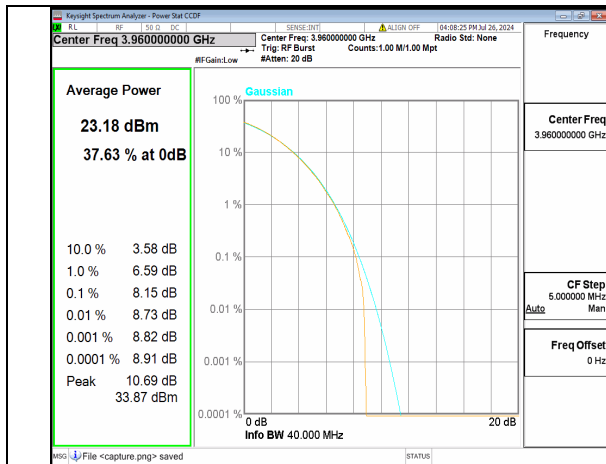


n77(3700-3980MHz) 40M CP-OFDM QPSK
Outer_Full Low

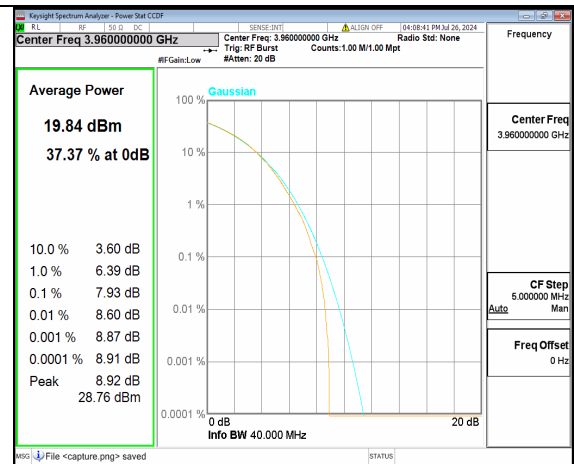


n77(3700-3980MHz) 40M CP-OFDM
256QAM Outer_Full Low

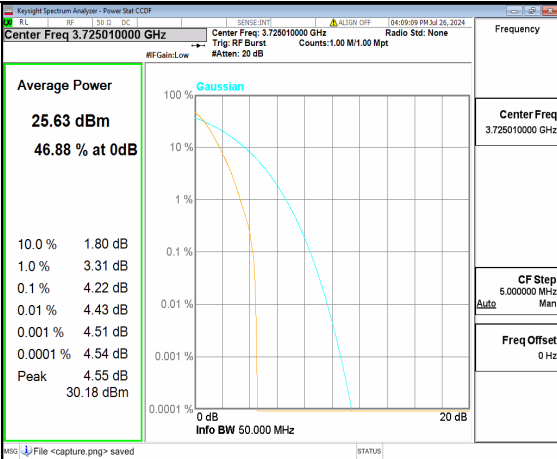
n77(3700-3980MHz) 40M DFT-s-OFDM
BPSK Outer_Full Midn77(3700-3980MHz) 40M DFT-s-OFDM
256QAM Outer_Full Midn77(3700-3980MHz) 40M CP-OFDM QPSK
Outer_Full Midn77(3700-3980MHz) 40M CP-OFDM
256QAM Outer_Full Midn77(3700-3980MHz) 40M DFT-s-OFDM
BPSK Outer_Full Highn77(3700-3980MHz) 40M DFT-s-OFDM
256QAM Outer_Full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



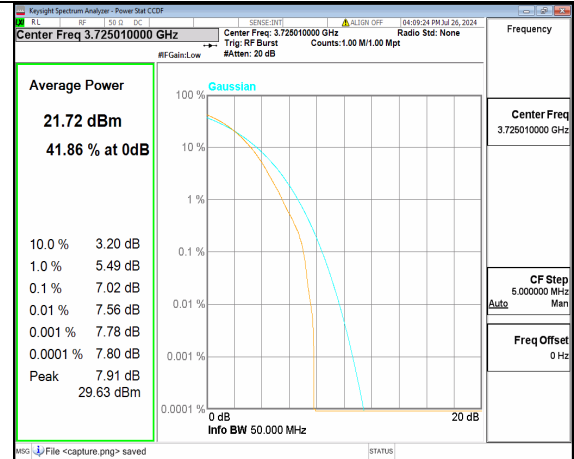
n77(3700-3980MHz) 40M CP-OFDM QPSK
Outer_Full High



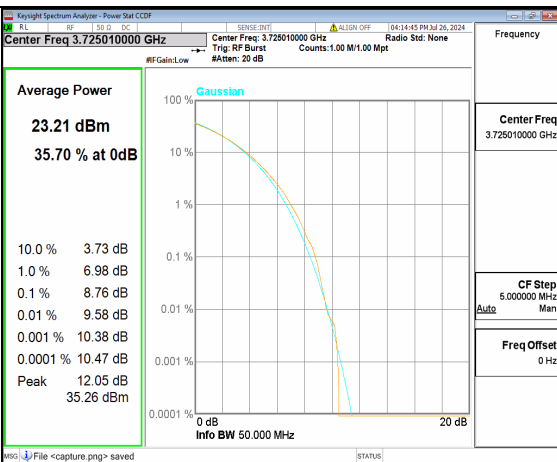
n77(3700-3980MHz) 40M CP-OFDM
256QAM Outer_Full High



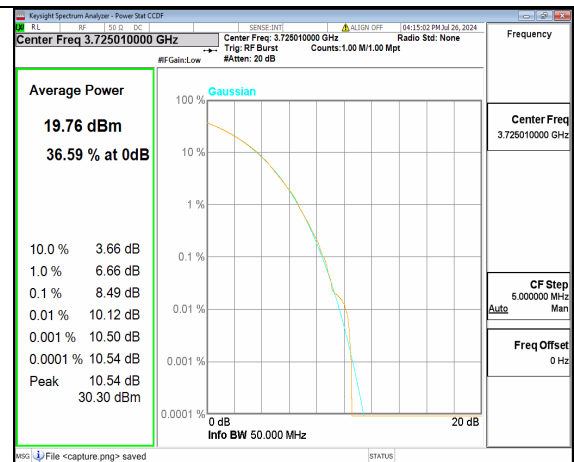
n77(3700-3980MHz) 50M DFT-s-OFDM
BPSK Outer_Full Low



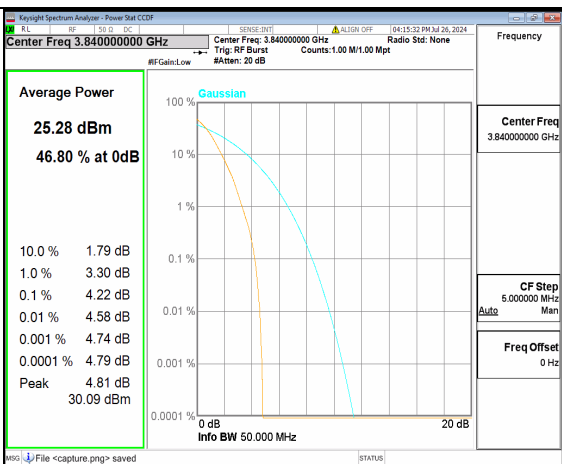
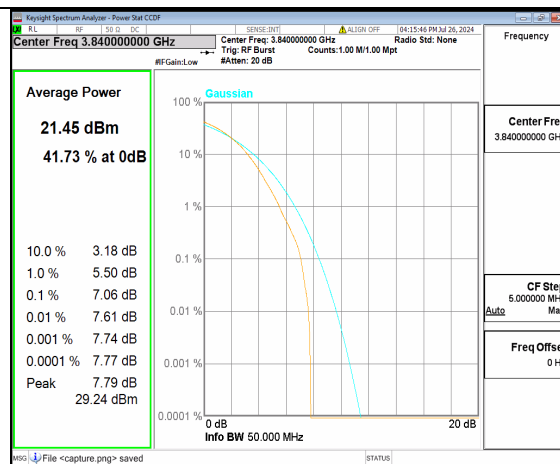
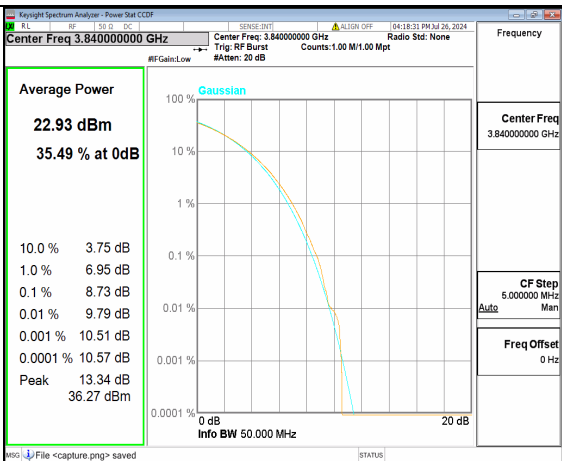
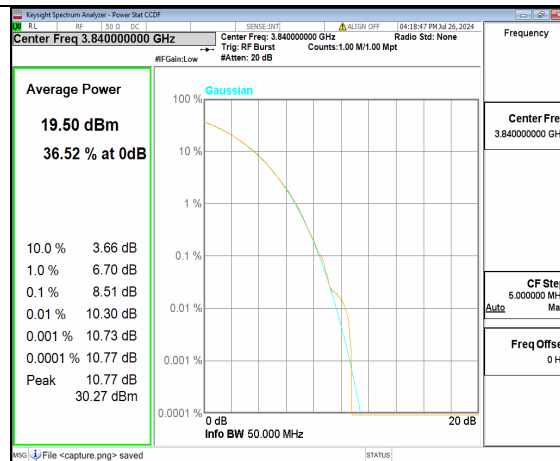
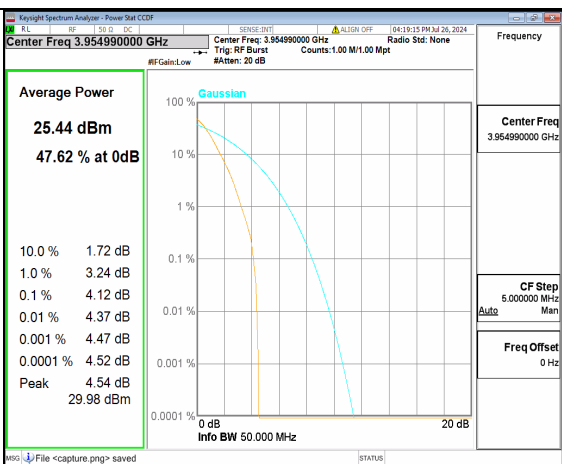
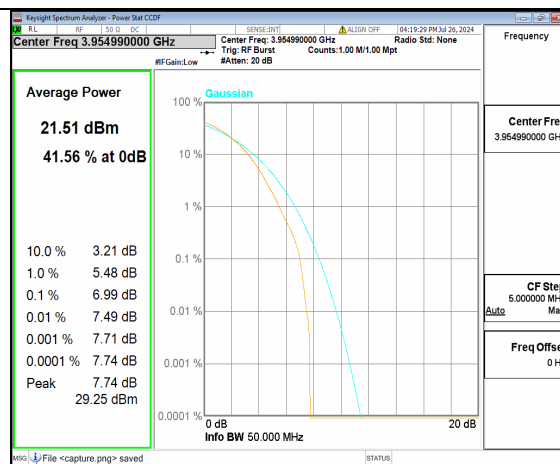
n77(3700-3980MHz) 50M DFT-s-OFDM
256QAM Outer_Full Low

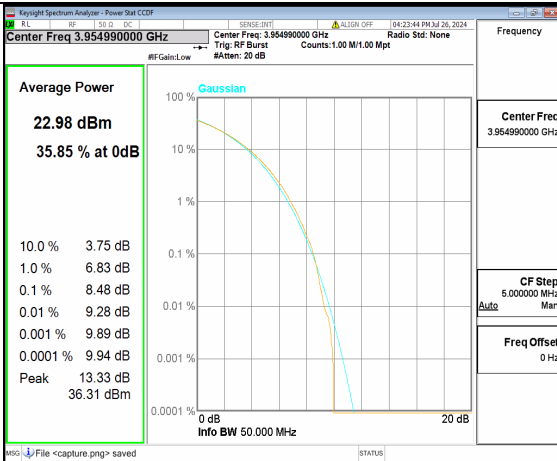


n77(3700-3980MHz) 50M CP-OFDM QPSK
Outer_Full Low

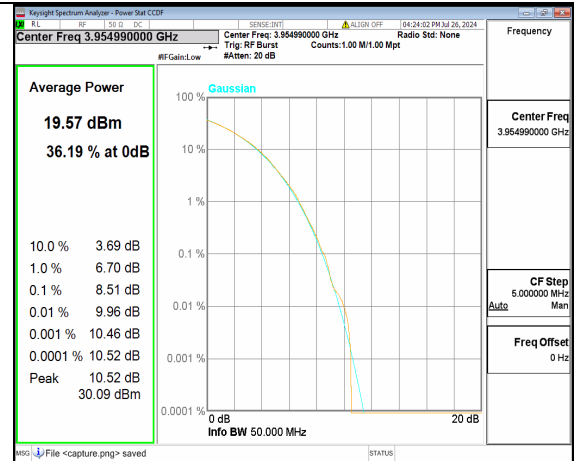


n77(3700-3980MHz) 50M CP-OFDM
256QAM Outer_Full Low

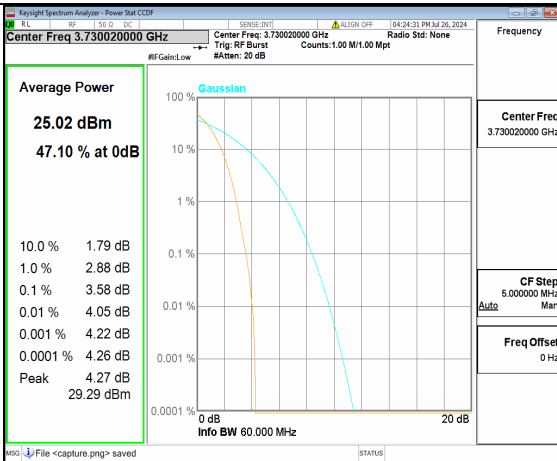
n77(3700-3980MHz) 50M DFT-s-OFDM
BPSK Outer_Full Midn77(3700-3980MHz) 50M DFT-s-OFDM
256QAM Outer_Full Midn77(3700-3980MHz) 50M CP-OFDM QPSK
Outer_Full Midn77(3700-3980MHz) 50M CP-OFDM
256QAM Outer_Full Midn77(3700-3980MHz) 50M DFT-s-OFDM
BPSK Outer_Full Highn77(3700-3980MHz) 50M DFT-s-OFDM
256QAM Outer_Full High



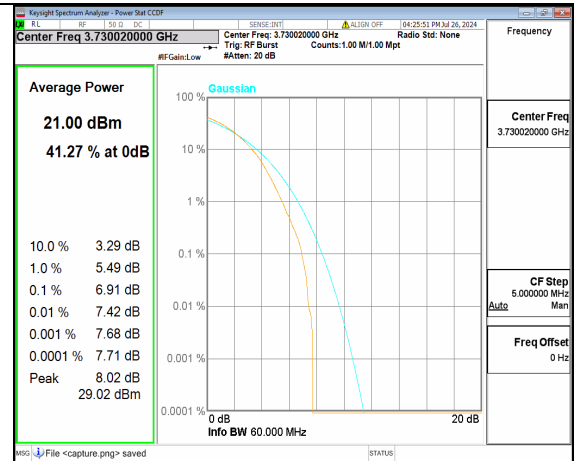
n77(3700-3980MHz) 50M CP-OFDM QPSK
Outer_Full High



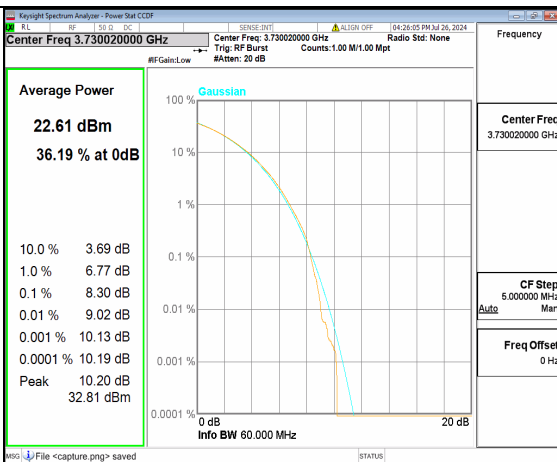
n77(3700-3980MHz) 50M CP-OFDM
256QAM Outer_Full High



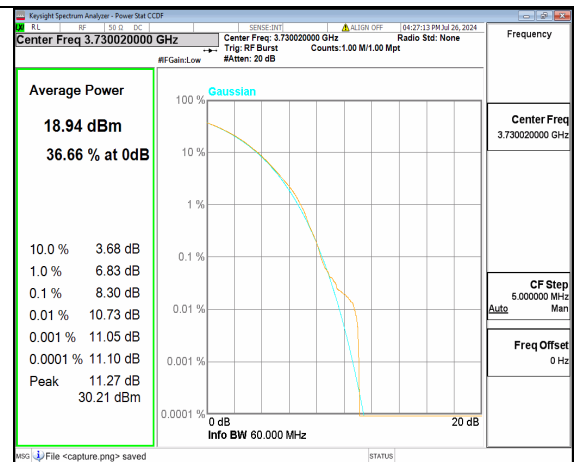
n77(3700-3980MHz) 60M DFT-s-OFDM
BPSK Outer_Full Low



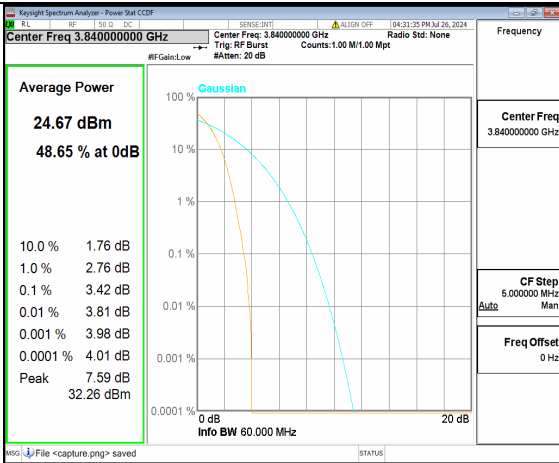
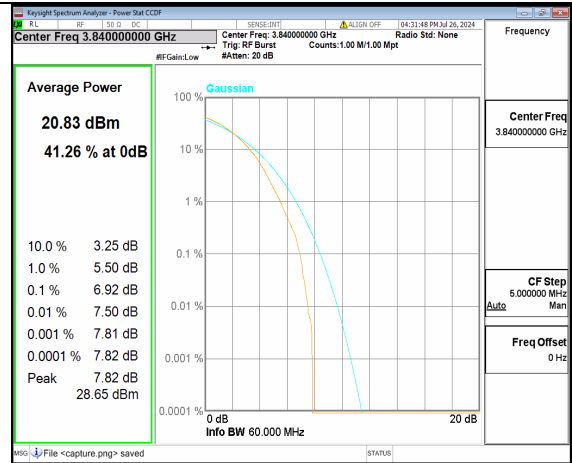
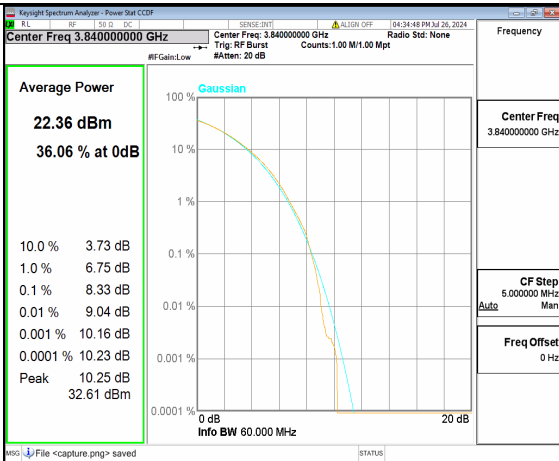
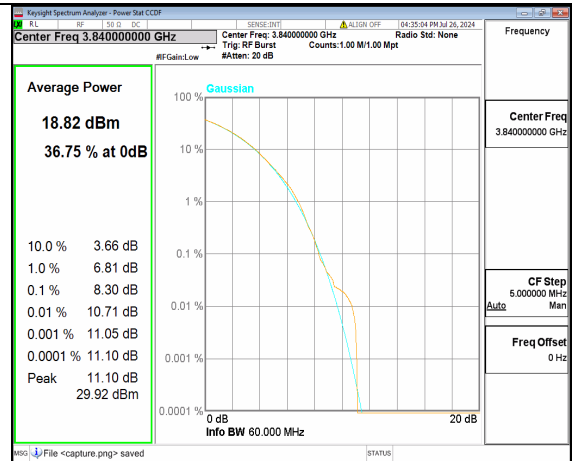
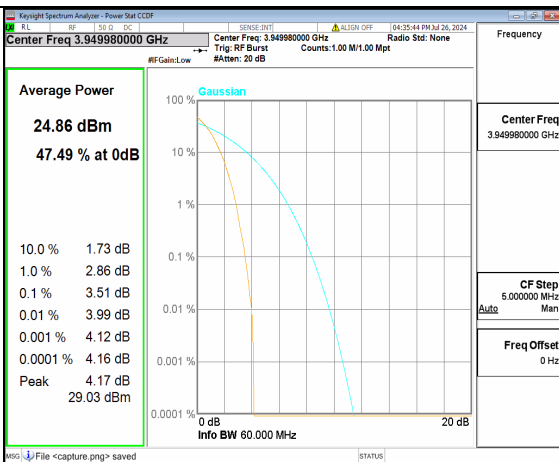
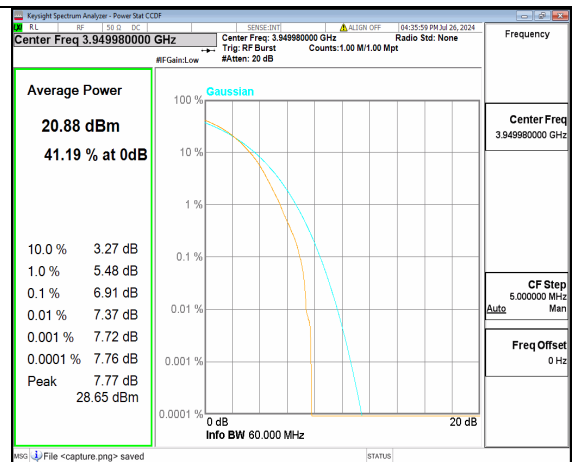
n77(3700-3980MHz) 60M DFT-s-OFDM
256QAM Outer_Full Low

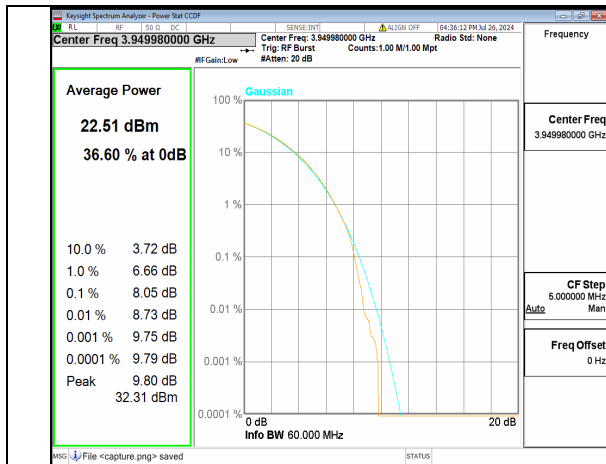


n77(3700-3980MHz) 60M CP-OFDM QPSK
Outer_Full Low

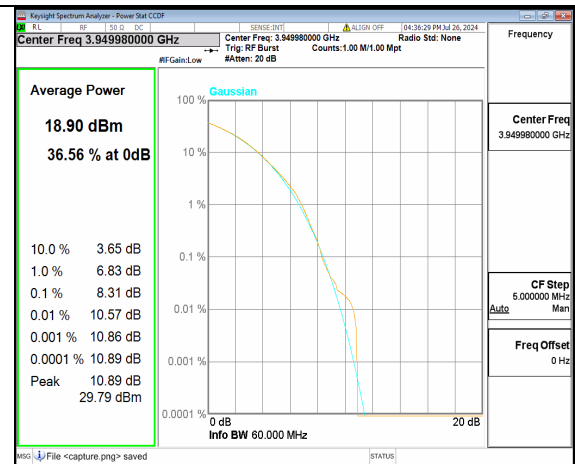


n77(3700-3980MHz) 60M CP-OFDM
256QAM Outer_Full Low

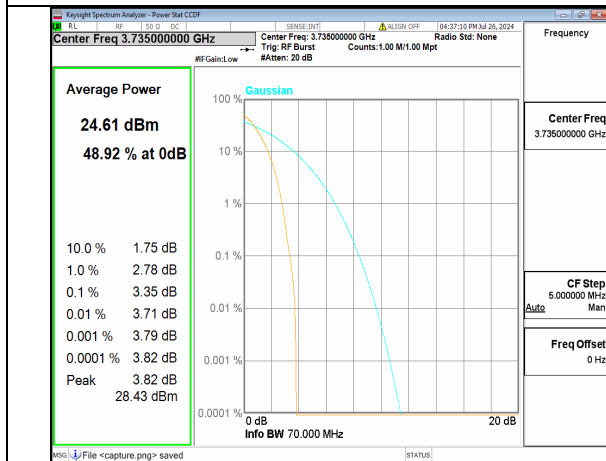
n77(3700-3980MHz) 60M DFT-s-OFDM
BPSK Outer_Full Midn77(3700-3980MHz) 60M DFT-s-OFDM
256QAM Outer_Full Midn77(3700-3980MHz) 60M CP-OFDM QPSK
Outer_Full Midn77(3700-3980MHz) 60M CP-OFDM
256QAM Outer_Full Midn77(3700-3980MHz) 60M DFT-s-OFDM
BPSK Outer_Full Highn77(3700-3980MHz) 60M DFT-s-OFDM
256QAM Outer_Full High



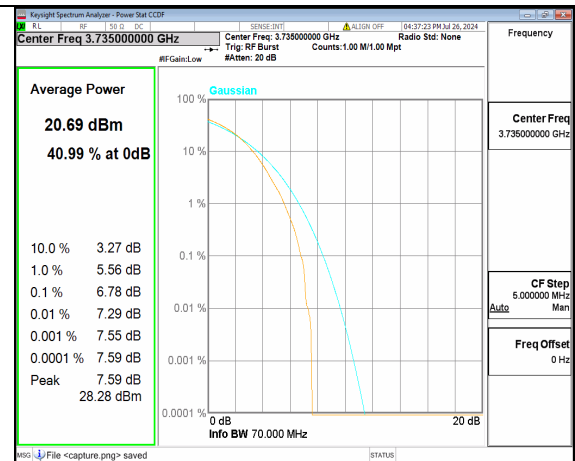
n77(3700-3980MHz) 60M CP-OFDM QPSK
Outer_Full High



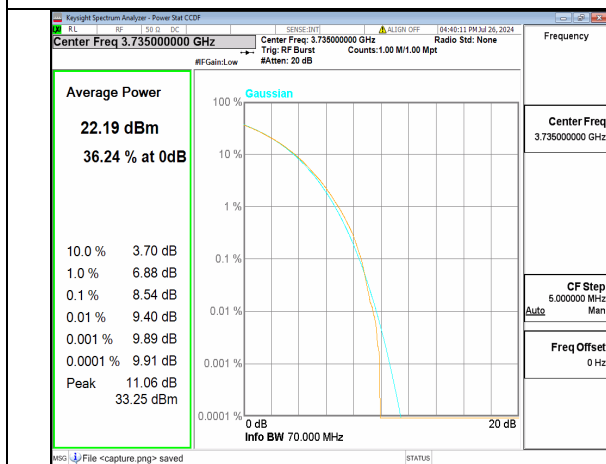
n77(3700-3980MHz) 60M CP-OFDM
256QAM Outer_Full High



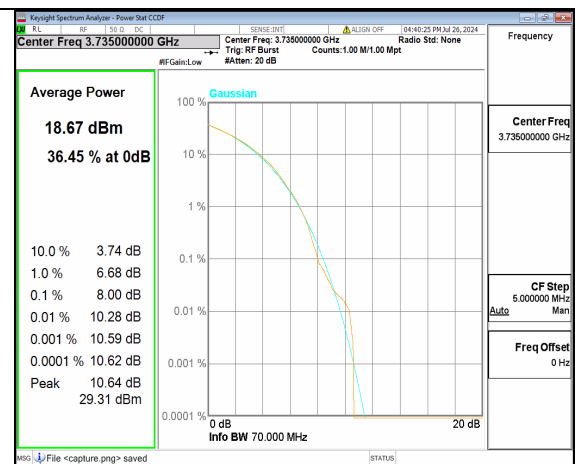
n77(3700-3980MHz) 70M DFT-s-OFDM
BPSK Outer_Full Low



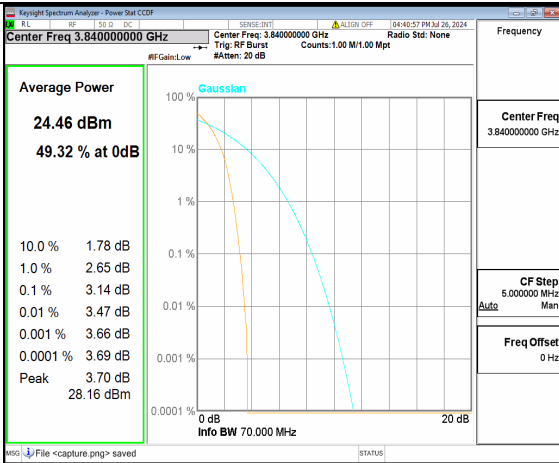
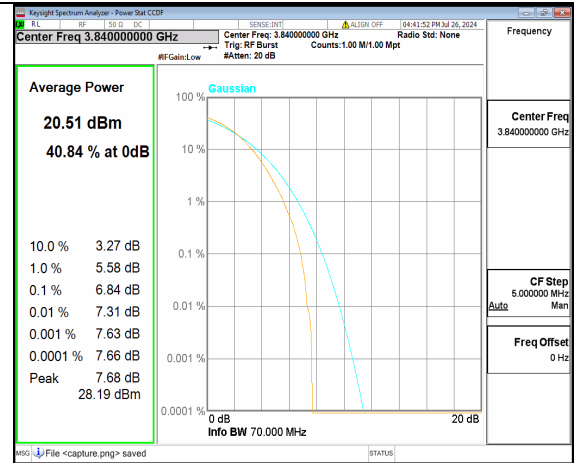
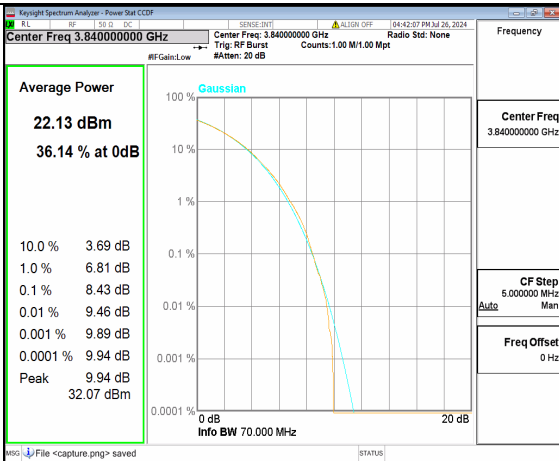
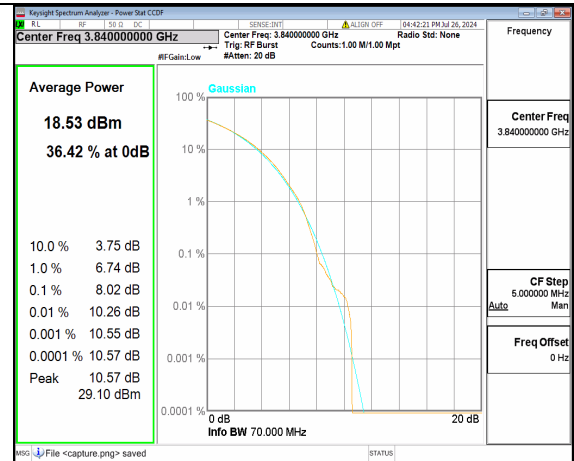
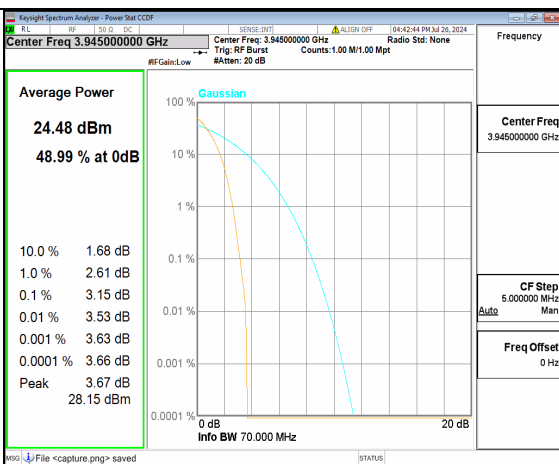
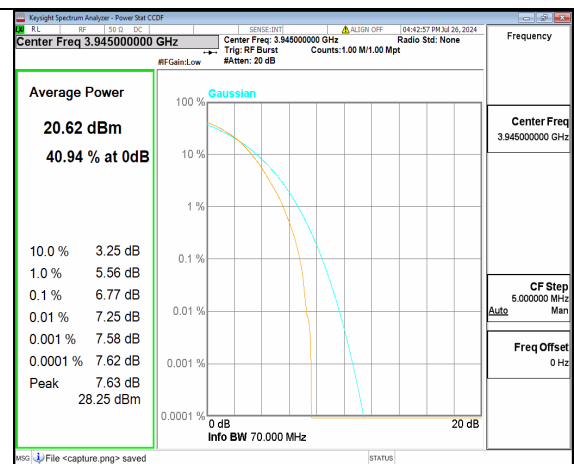
n77(3700-3980MHz) 70M DFT-s-OFDM
256QAM Outer_Full Low

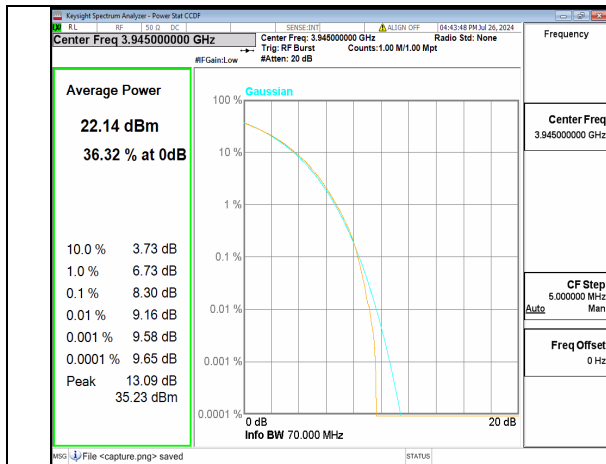


n77(3700-3980MHz) 70M CP-OFDM QPSK
Outer_Full Low

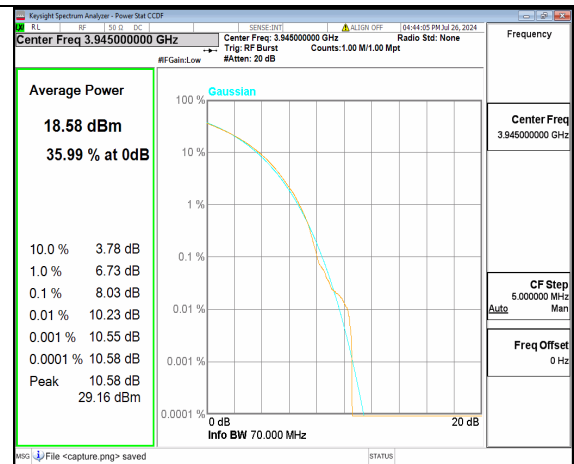


n77(3700-3980MHz) 70M CP-OFDM
256QAM Outer_Full Low

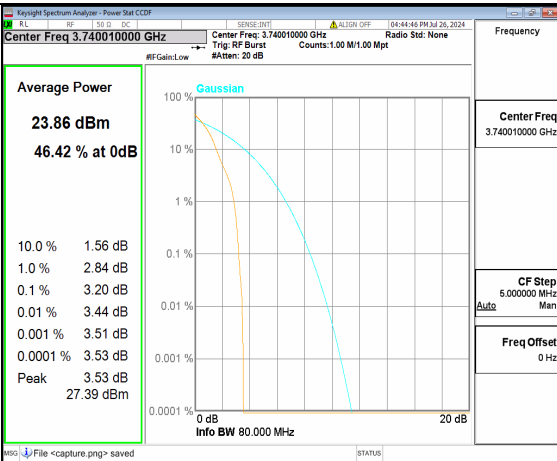
n77(3700-3980MHz) 70M DFT-s-OFDM
BPSK Outer_Full Midn77(3700-3980MHz) 70M DFT-s-OFDM
256QAM Outer_Full Midn77(3700-3980MHz) 70M CP-OFDM QPSK
Outer_Full Midn77(3700-3980MHz) 70M CP-OFDM
256QAM Outer_Full Midn77(3700-3980MHz) 70M DFT-s-OFDM
BPSK Outer_Full Highn77(3700-3980MHz) 70M DFT-s-OFDM
256QAM Outer_Full High



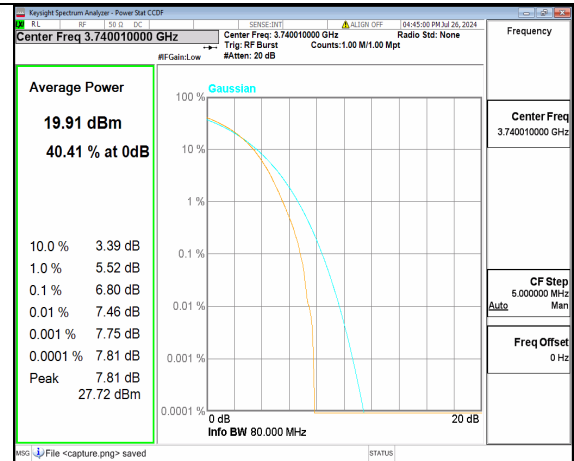
n77(3700-3980MHz) 70M CP-OFDM QPSK
Outer_Full High



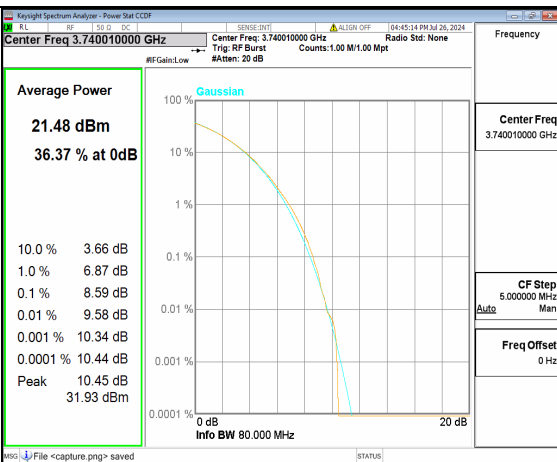
n77(3700-3980MHz) 70M CP-OFDM
256QAM Outer_Full High



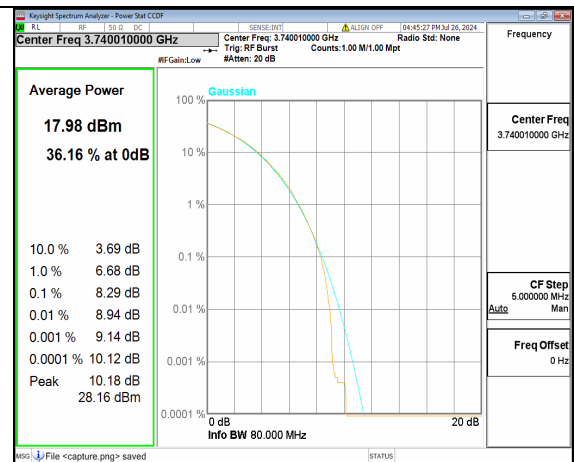
n77(3700-3980MHz) 80M DFT-s-OFDM
BPSK Outer_Full Low



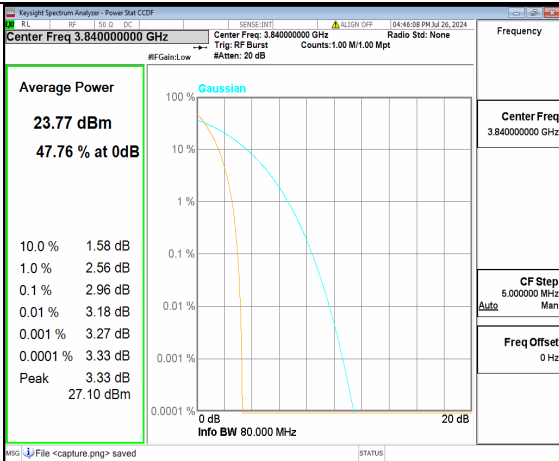
n77(3700-3980MHz) 80M DFT-s-OFDM
256QAM Outer_Full Low



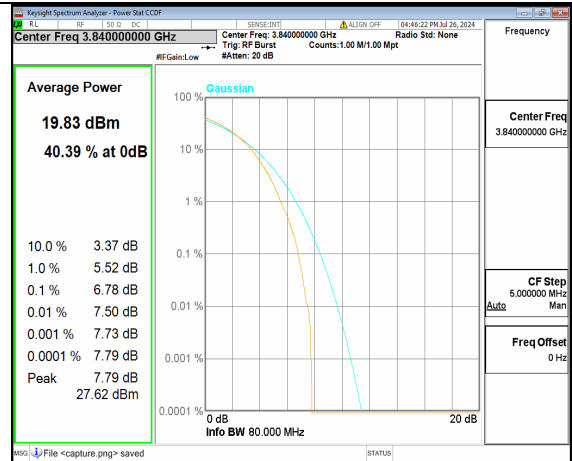
n77(3700-3980MHz) 80M CP-OFDM QPSK
Outer_Full Low



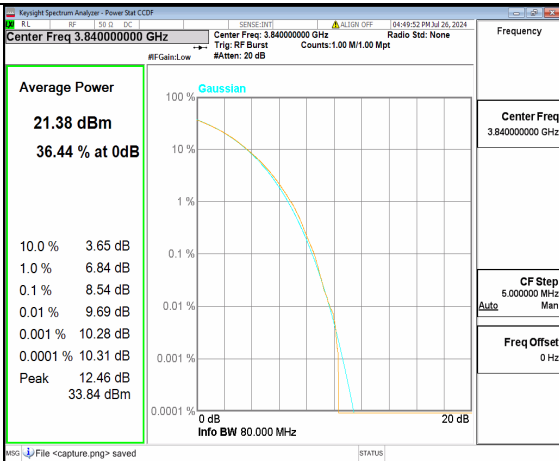
n77(3700-3980MHz) 80M CP-OFDM
256QAM Outer_Full Low



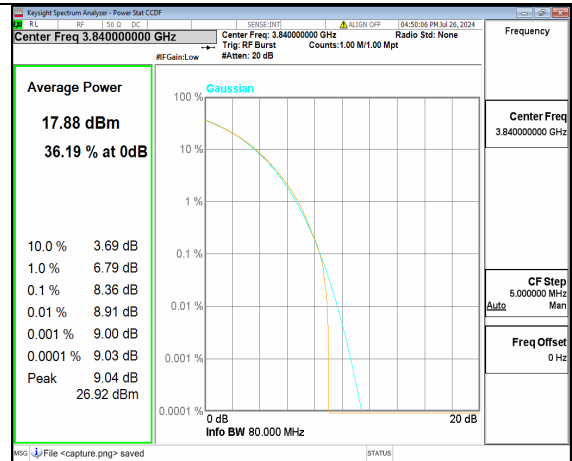
n77(3700-3980MHz) 80M DFT-s-OFDM
BPSK Outer_Full Mid



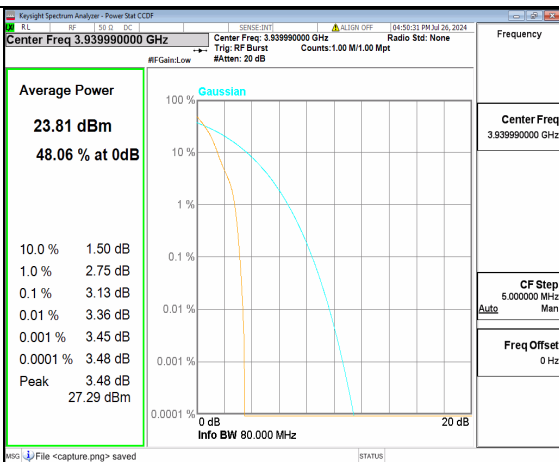
n77(3700-3980MHz) 80M DFT-s-OFDM
256QAM Outer_Full Mid



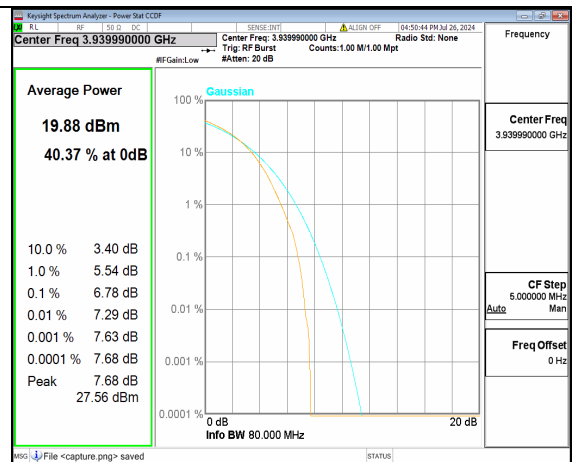
n77(3700-3980MHz) 80M CP-OFDM QPSK
Outer_Full Mid



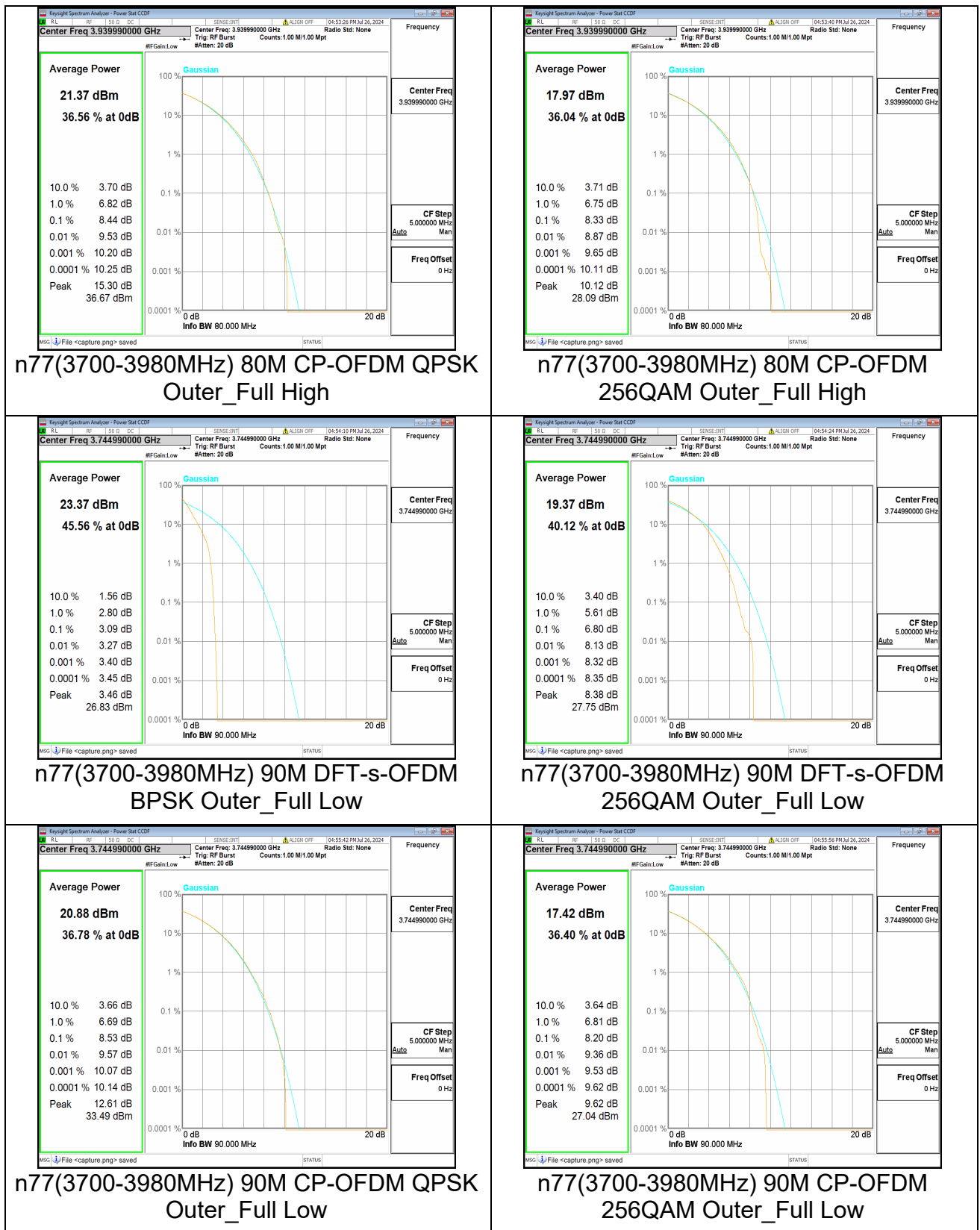
n77(3700-3980MHz) 80M CP-OFDM
256QAM Outer_Full Mid

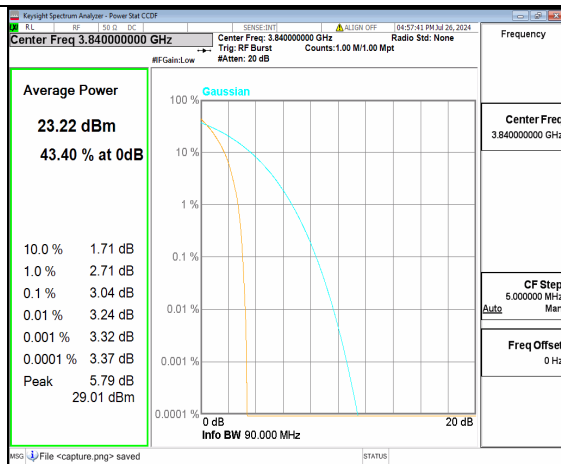
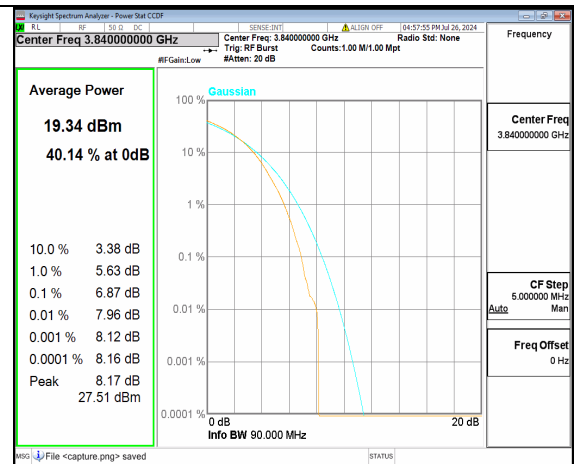
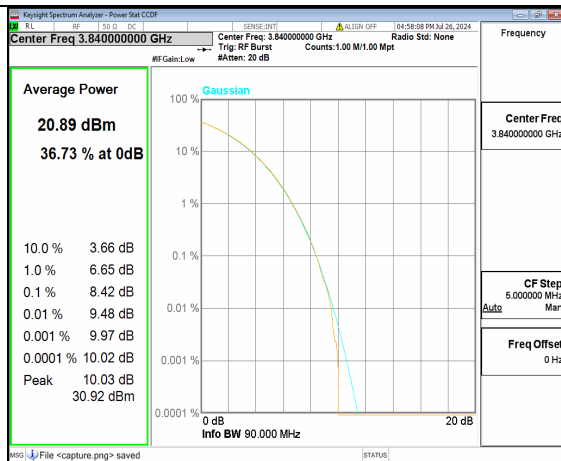
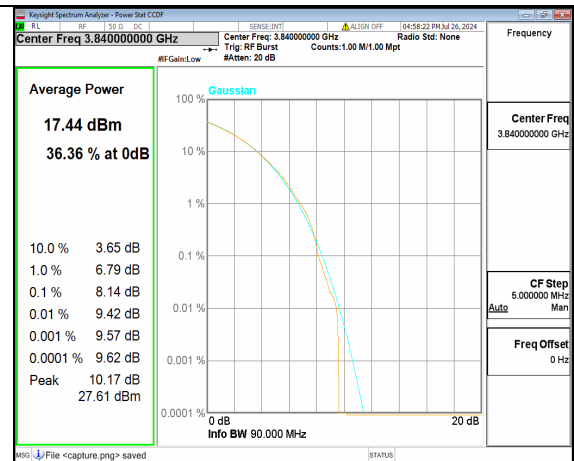
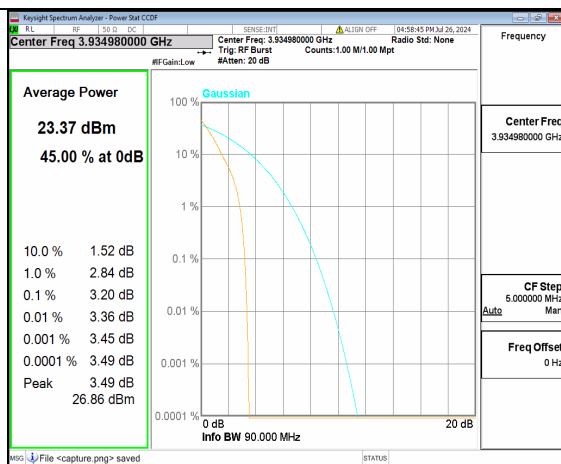
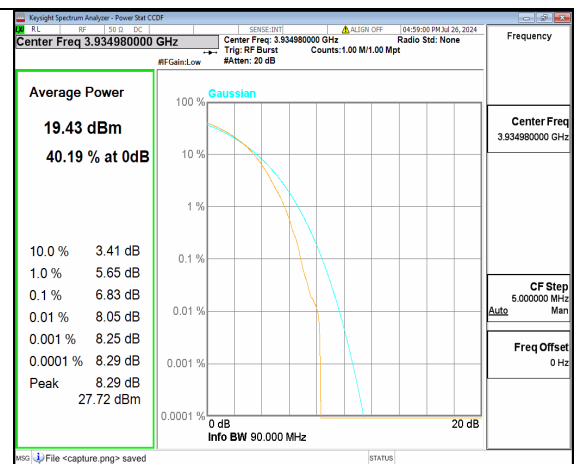


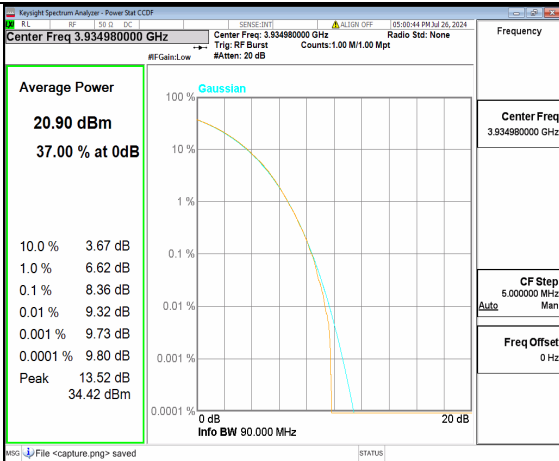
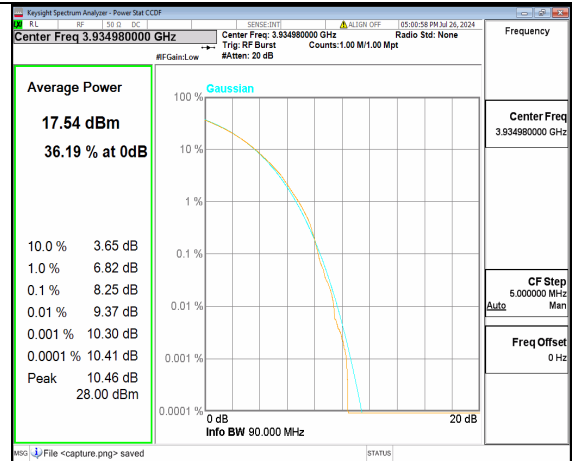
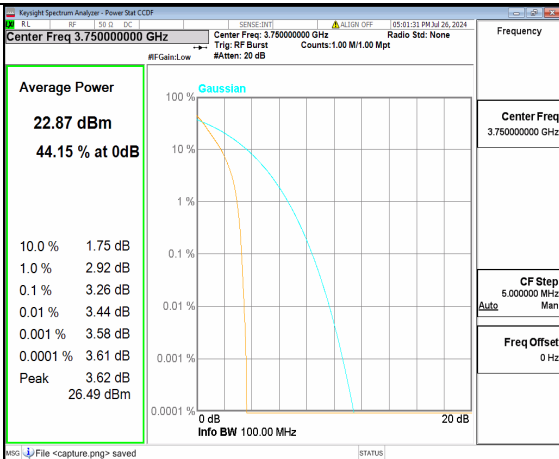
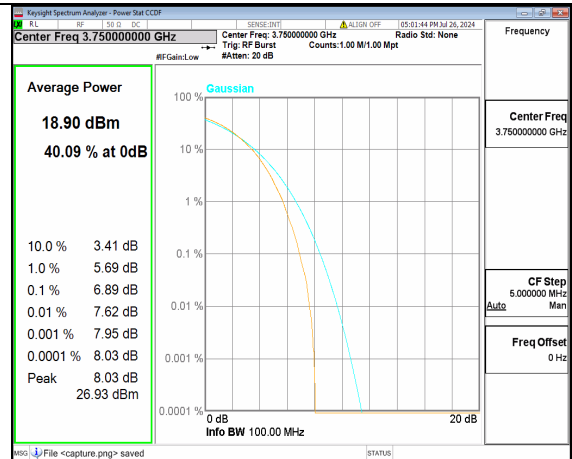
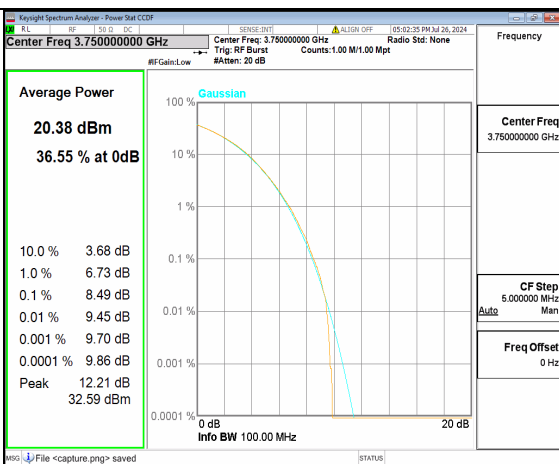
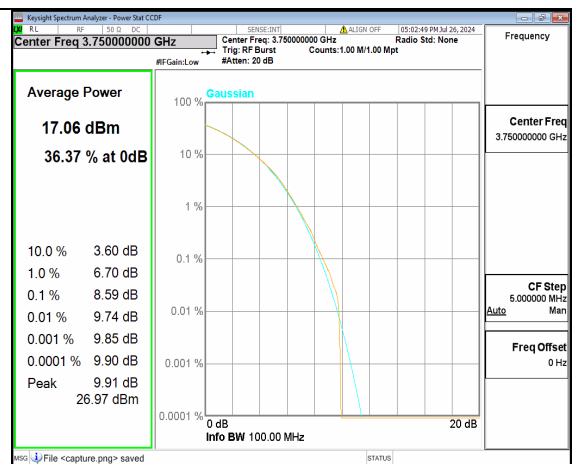
n77(3700-3980MHz) 80M DFT-s-OFDM
BPSK Outer_Full High

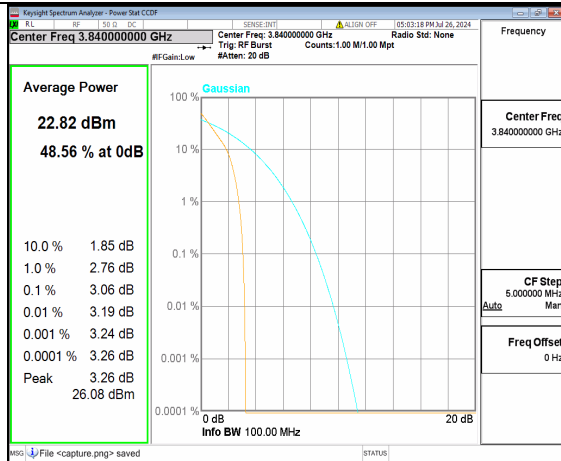


n77(3700-3980MHz) 80M DFT-s-OFDM
256QAM Outer_Full High

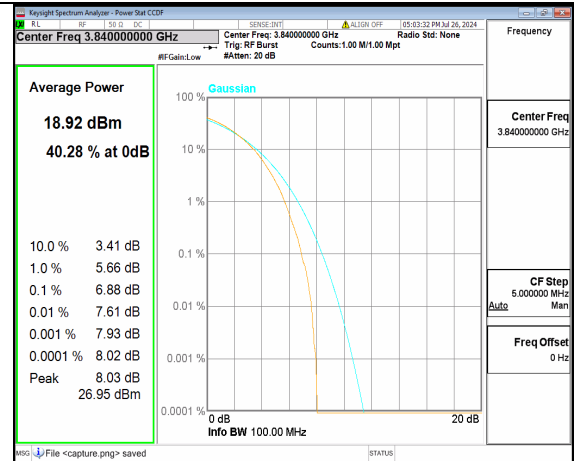


n77(3700-3980MHz) 90M DFT-s-OFDM
BPSK Outer_Full Midn77(3700-3980MHz) 90M DFT-s-OFDM
256QAM Outer_Full Midn77(3700-3980MHz) 90M CP-OFDM QPSK
Outer_Full Midn77(3700-3980MHz) 90M CP-OFDM
256QAM Outer_Full Midn77(3700-3980MHz) 90M DFT-s-OFDM
BPSK Outer_Full Highn77(3700-3980MHz) 90M DFT-s-OFDM
256QAM Outer_Full High

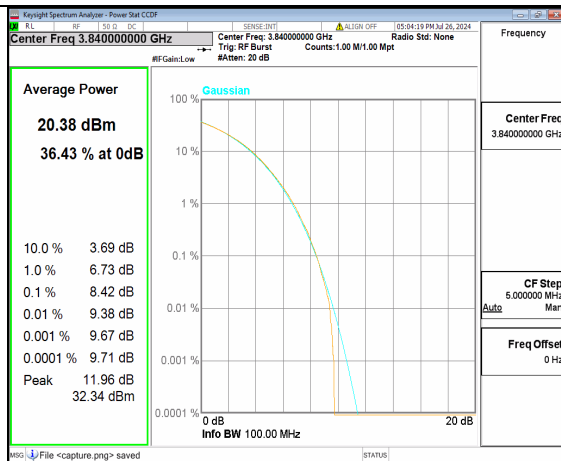
n77(3700-3980MHz) 90M CP-OFDM QPSK
Outer_Full Highn77(3700-3980MHz) 90M CP-OFDM
256QAM Outer_Full Highn77(3700-3980MHz) 100M DFT-s-OFDM
BPSK Outer_Full Lown77(3700-3980MHz) 100M DFT-s-OFDM
256QAM Outer_Full Lown77(3700-3980MHz) 100M CP-OFDM
QPSK Outer_Full Lown77(3700-3980MHz) 100M CP-OFDM
256QAM Outer_Full Low



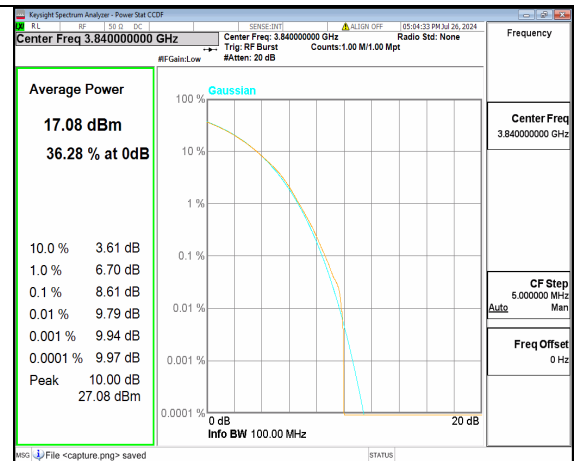
n77(3700-3980MHz) 100M DFT-s-OFDM
BPSK Outer_Full Mid



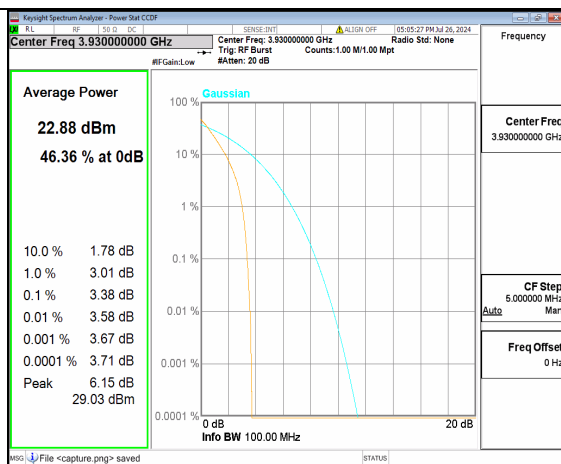
n77(3700-3980MHz) 100M DFT-s-OFDM
256QAM Outer_Full Mid



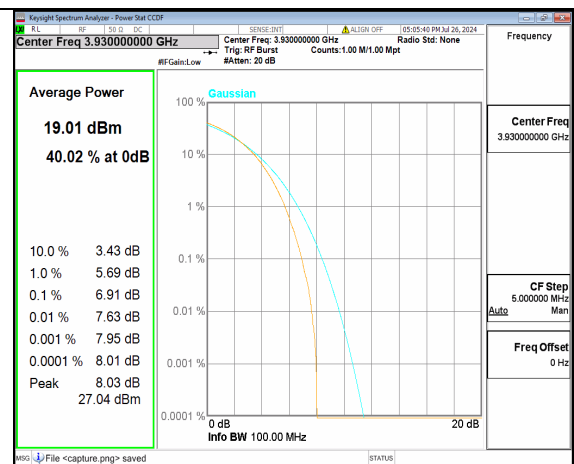
n77(3700-3980MHz) 100M CP-OFDM
QPSK Outer_Full Mid



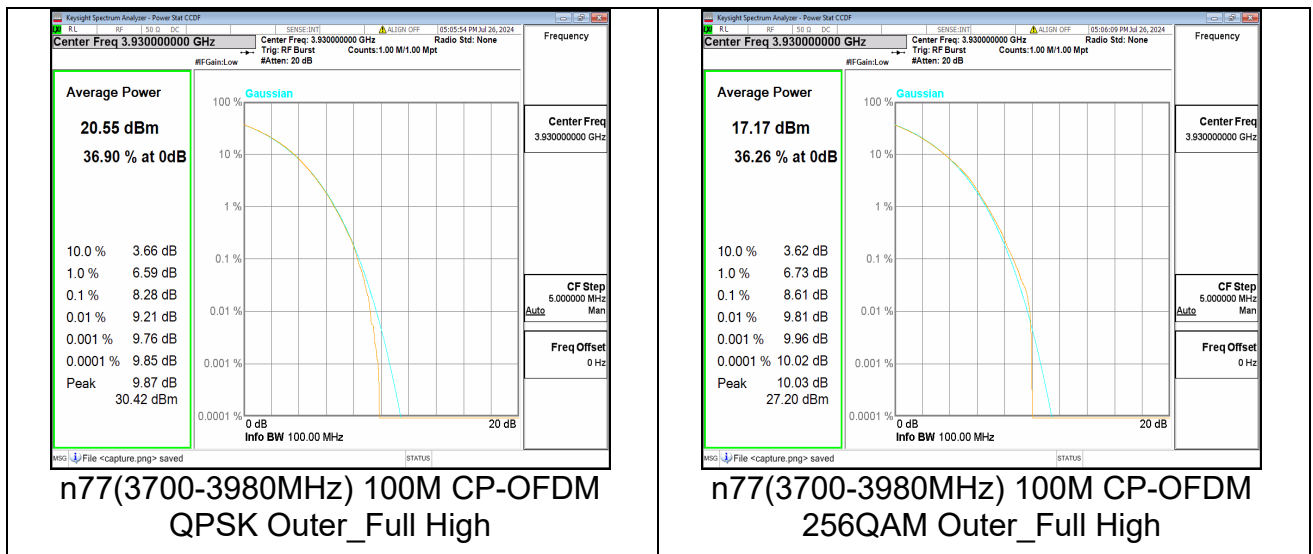
n77(3700-3980MHz) 100M CP-OFDM
256QAM Outer_Full Mid



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.

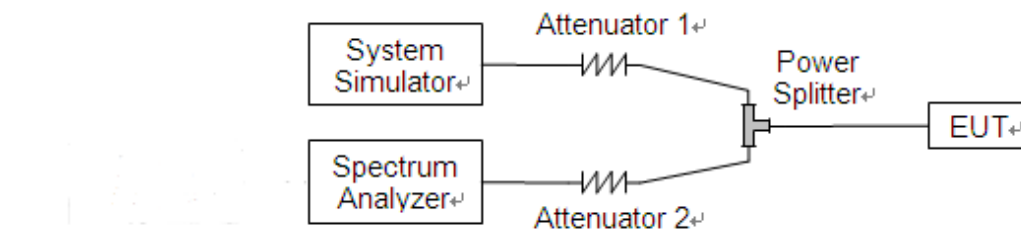
Additional to FCC section 22.917(a) for n5, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. This calculated to be -13dBm.

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

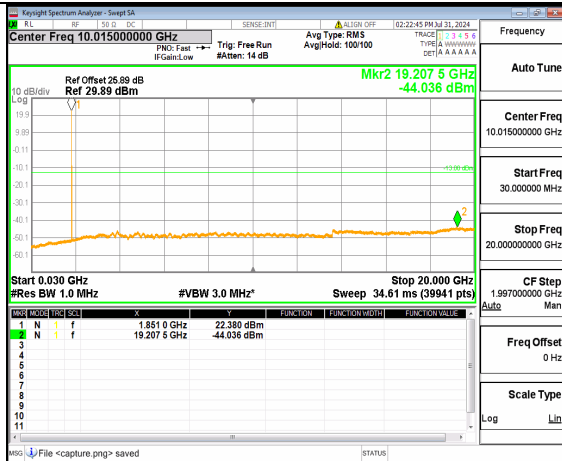


The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum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

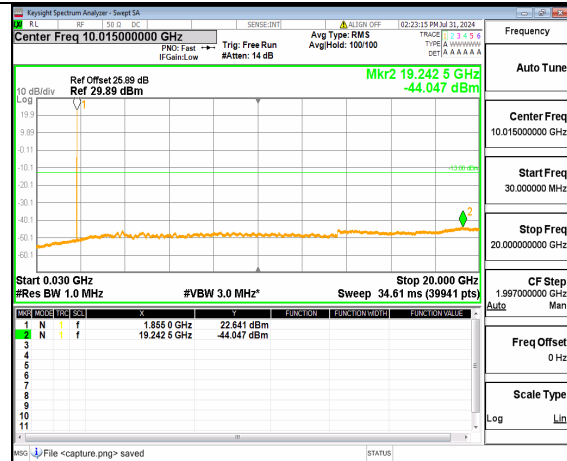
2.5.3. Test procedure

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

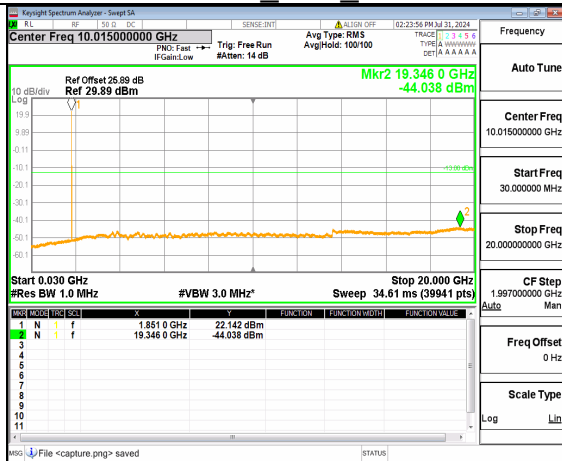
2.5.4. Test Result



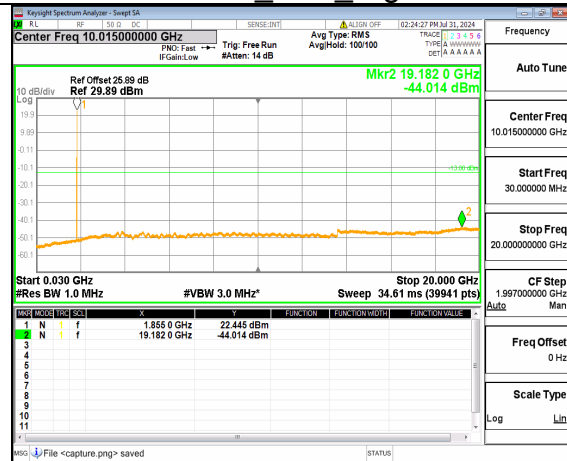
n2 (30MHz-20GHz) 5M DFT-s-OFDM
BPSK Inner_1RB_Left Low



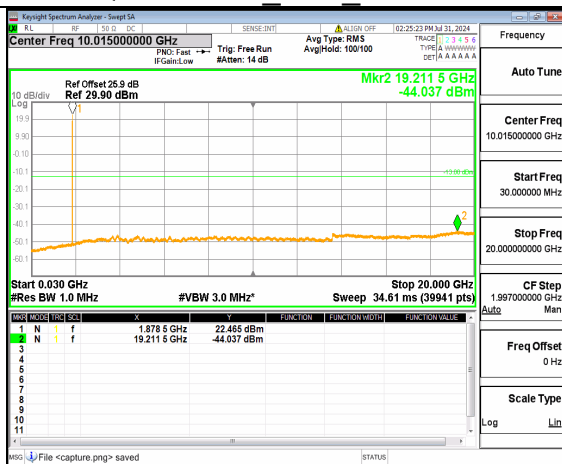
n2 (30MHz-20GHz) 5M DFT-s-OFDM
BPSK Inner_1RB_Right Low



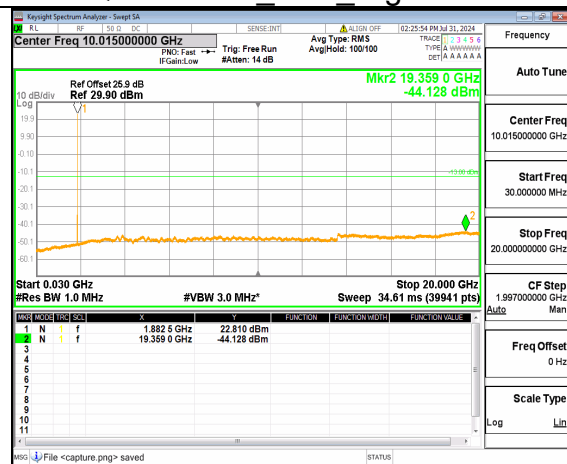
n2 (30MHz-20GHz) 5M DFT-s-OFDM
QPSK Inner_1RB_Left Low



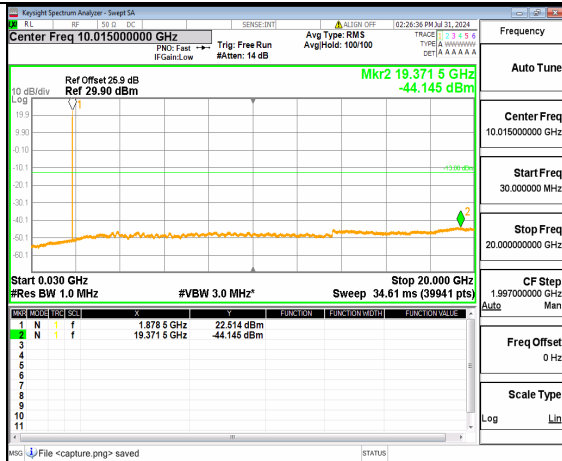
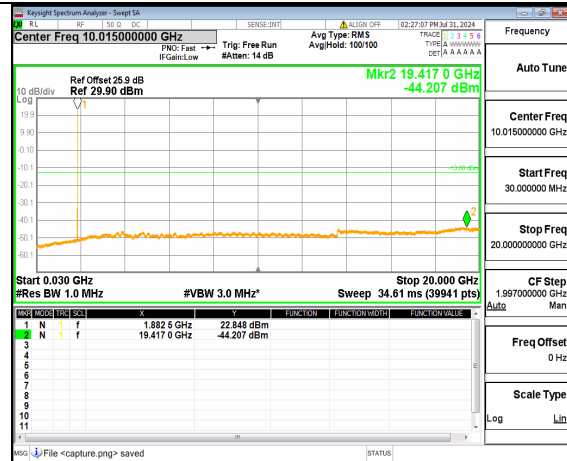
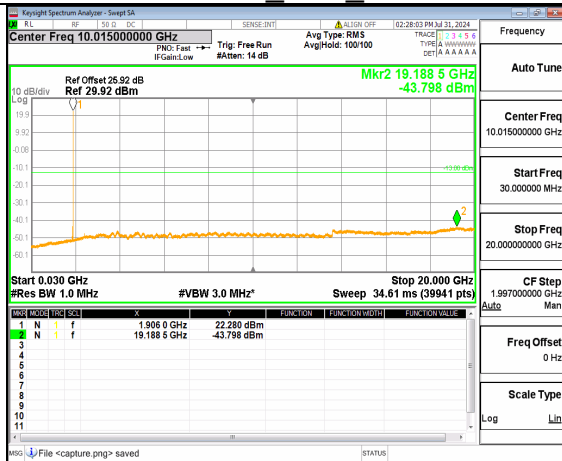
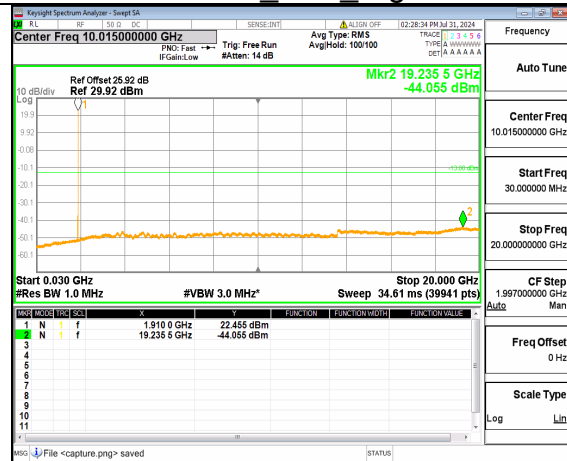
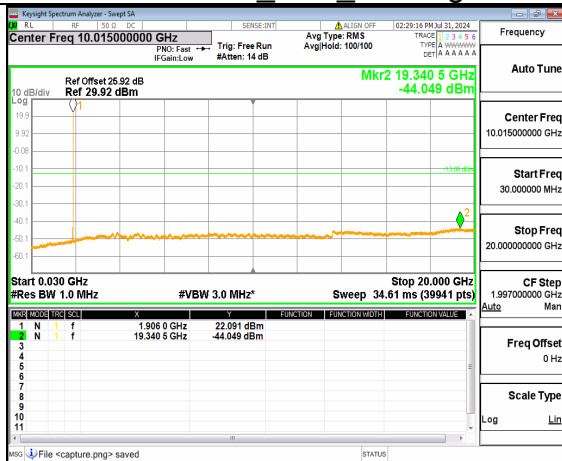
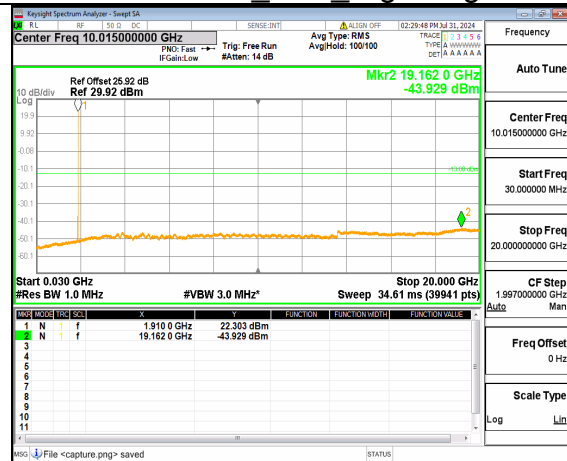
n2 (30MHz-20GHz) 5M DFT-s-OFDM
QPSK Inner_1RB_Right Low

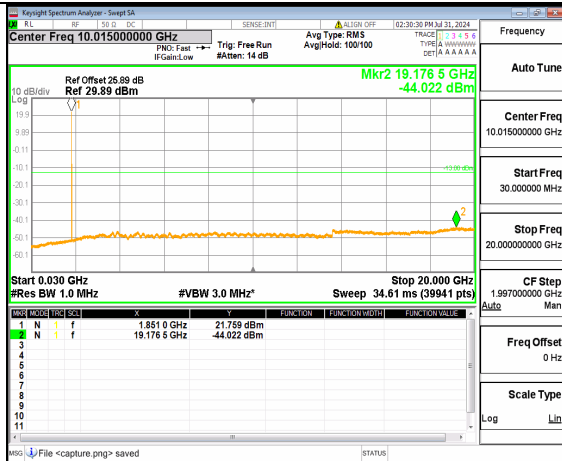


n2 (30MHz-20GHz) 5M DFT-s-OFDM
BPSK Inner_1RB_Left Mid

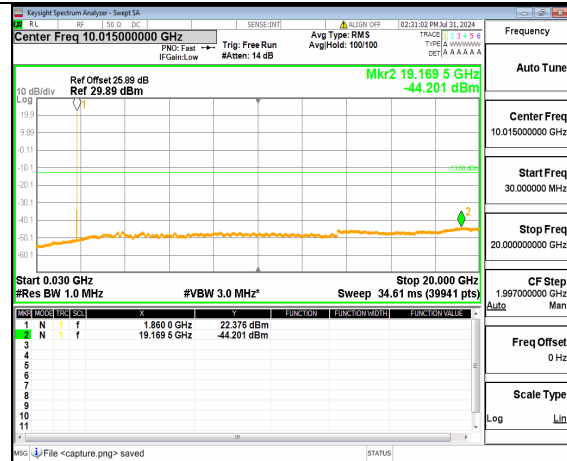


n2 (30MHz-20GHz) 5M DFT-s-OFDM
BPSK Inner_1RB_Right Mid

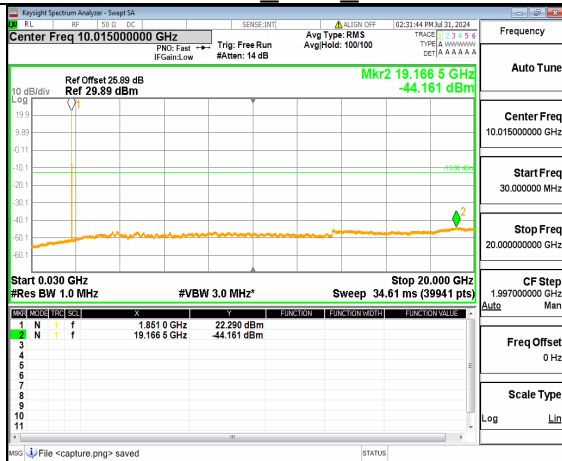
n2 (30MHz-20GHz) 5M DFT-s-OFDM
QPSK Inner 1RB Left Midn2 (30MHz-20GHz) 5M DFT-s-OFDM
QPSK Inner 1RB Right Midn2 (30MHz-20GHz) 5M DFT-s-OFDM
BPSK Inner 1RB Left Highn2 (30MHz-20GHz) 5M DFT-s-OFDM
BPSK Inner 1RB Right Highn2 (30MHz-20GHz) 5M DFT-s-OFDM
QPSK Inner 1RB Left Highn2 (30MHz-20GHz) 5M DFT-s-OFDM
QPSK Inner 1RB Right High



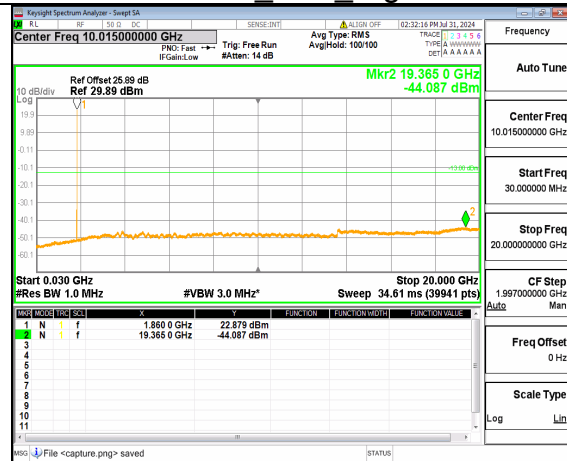
n2 (30MHz-20GHz) 10M DFT-s-OFDM
BPSK Inner 1RB Left Low



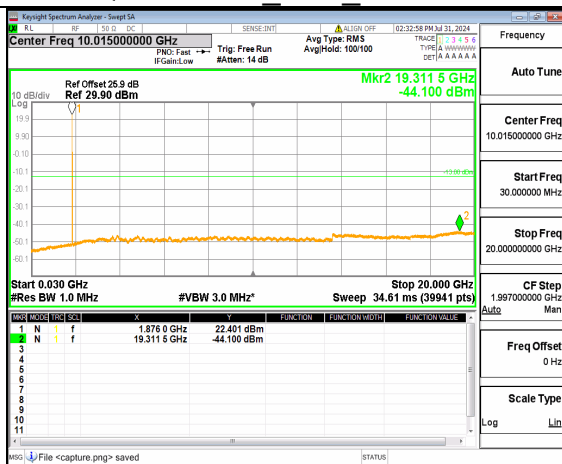
n2 (30MHz-20GHz) 10M DFT-s-OFDM
BPSK Inner 1RB Right Low



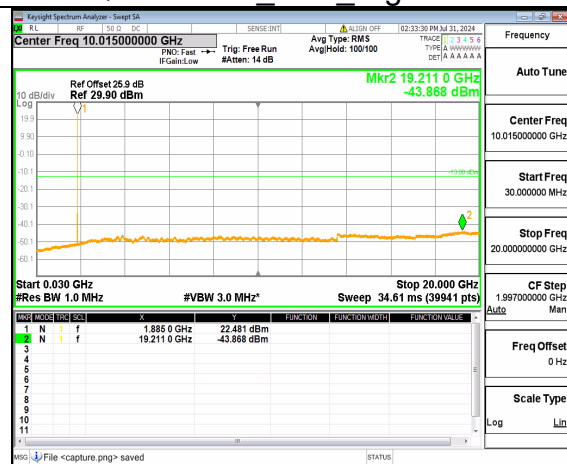
n2 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Inner 1RB Left Low



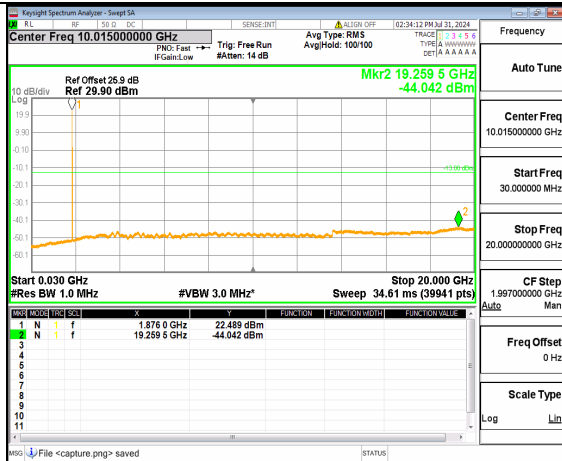
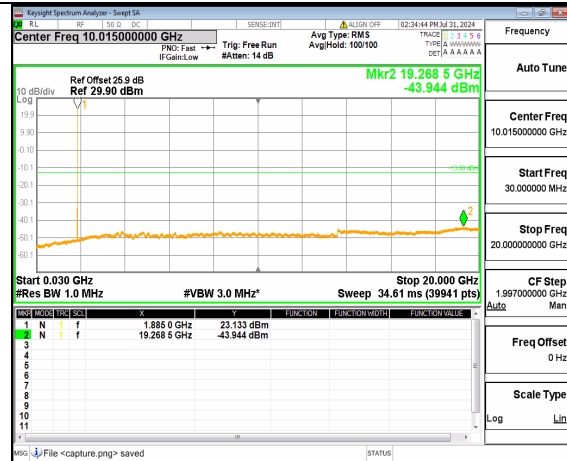
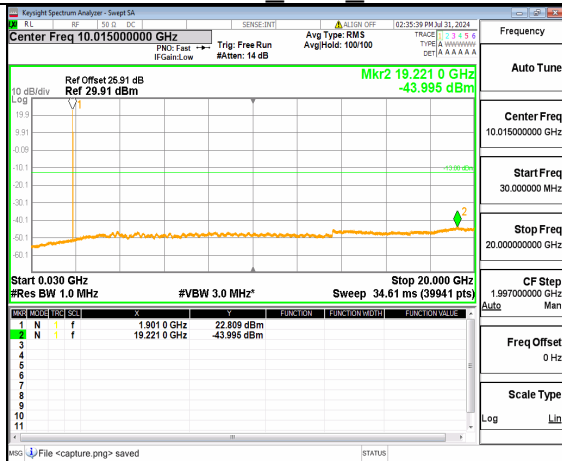
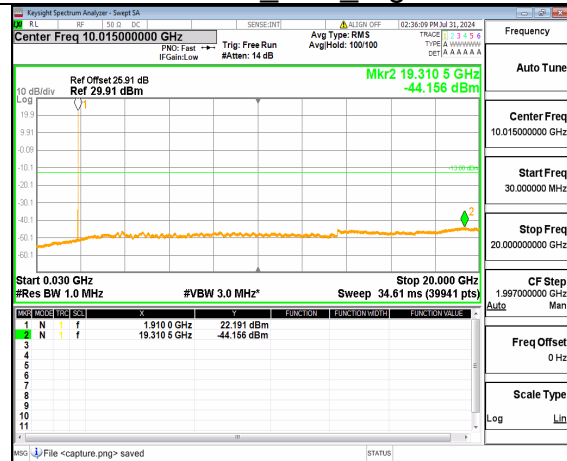
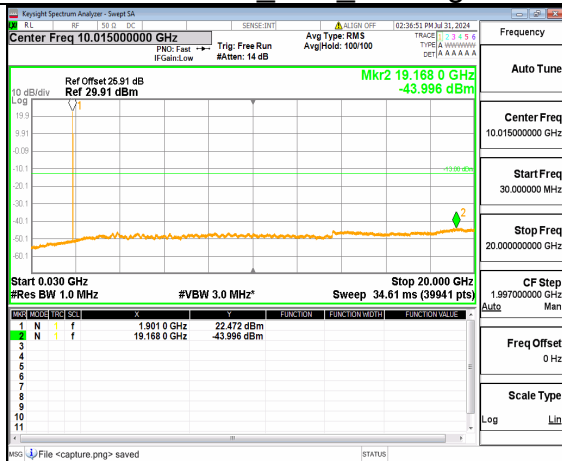
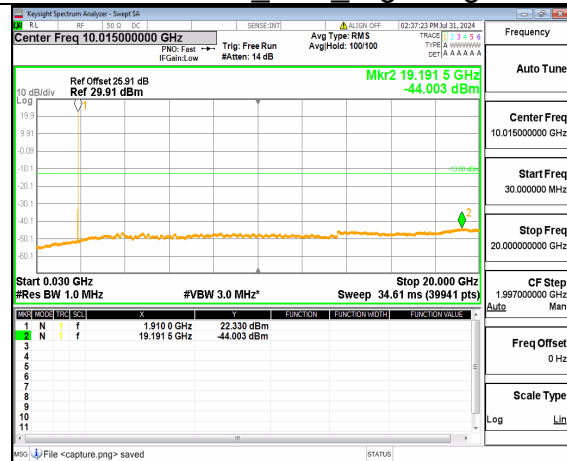
n2 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Inner 1RB Right Low

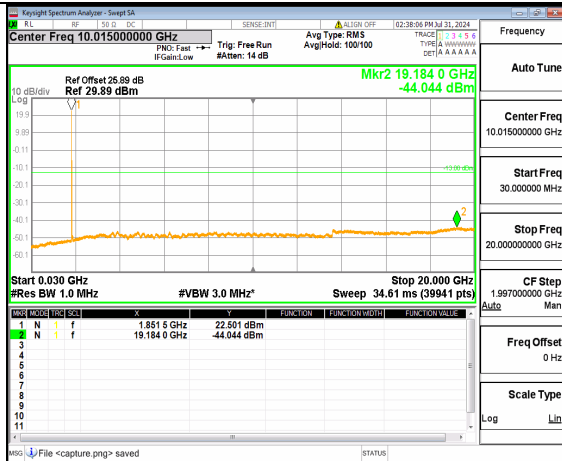
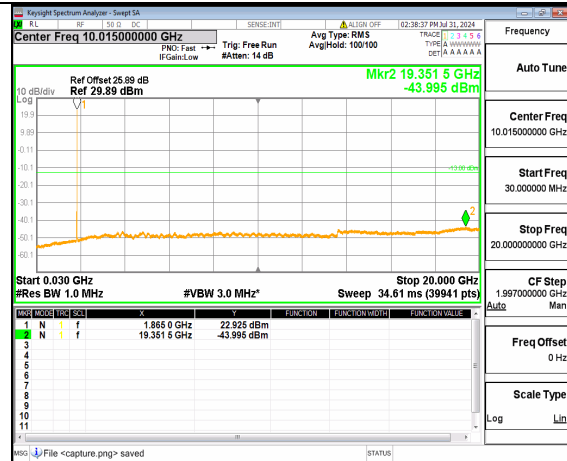
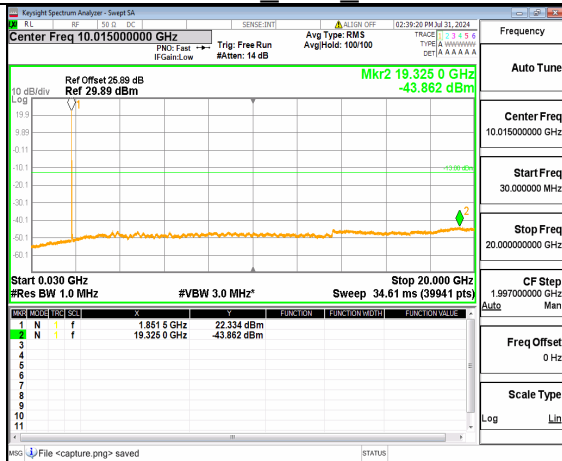
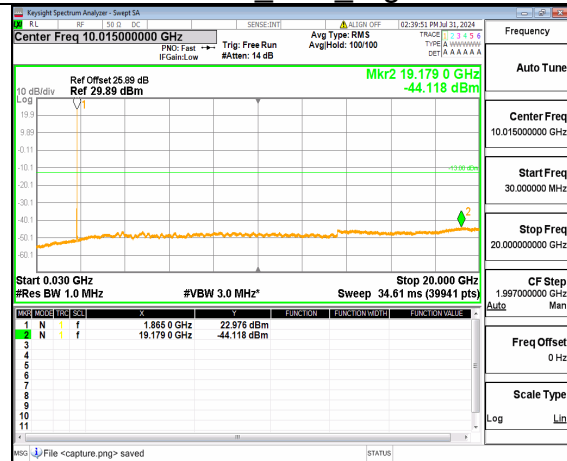
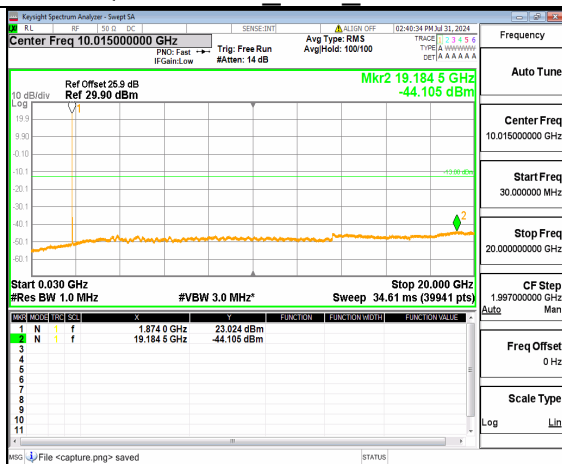
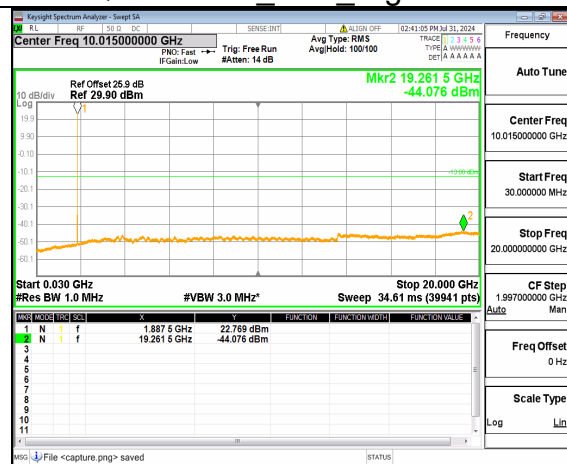


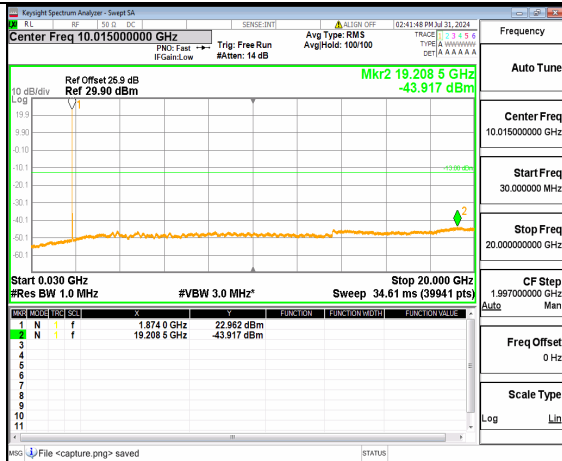
n2 (30MHz-20GHz) 10M DFT-s-OFDM
BPSK Inner 1RB Left Mid



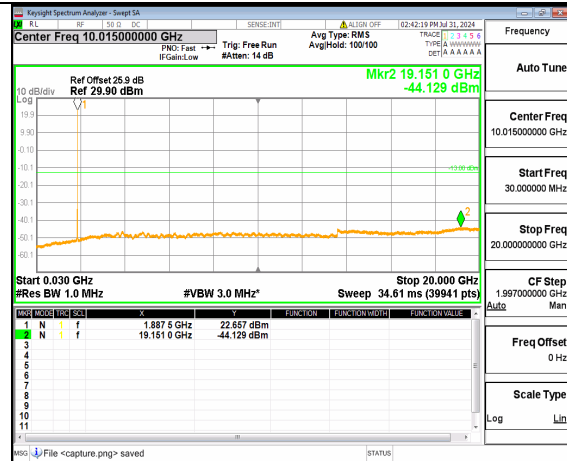
n2 (30MHz-20GHz) 10M DFT-s-OFDM
BPSK Inner 1RB Right Mid

n2 (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 Highn2 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Inner 1RB Left Highn2 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Inner 1RB Right High

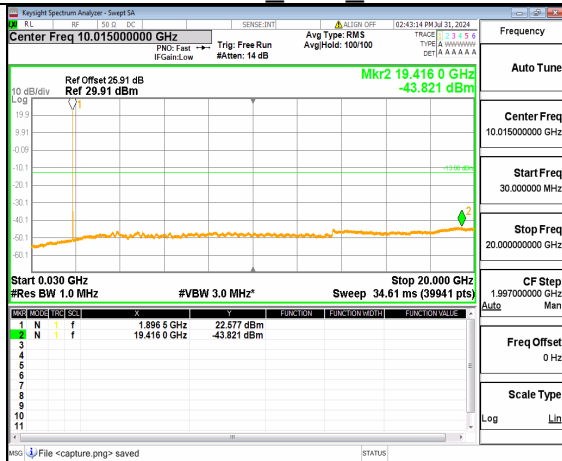
n2 (30MHz-20GHz) 15M DFT-s-OFDM
BPSK Inner 1RB Left Lown2 (30MHz-20GHz) 15M DFT-s-OFDM
BPSK Inner 1RB Right Lown2 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Inner 1RB Left Lown2 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Inner 1RB Right Lown2 (30MHz-20GHz) 15M DFT-s-OFDM
BPSK Inner 1RB Left Midn2 (30MHz-20GHz) 15M DFT-s-OFDM
BPSK Inner 1RB Right Mid



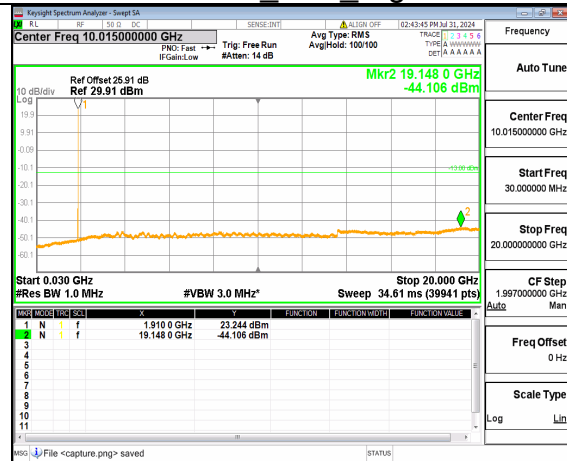
n2 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Inner 1RB Left Mid



n2 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Inner 1RB Right Mid



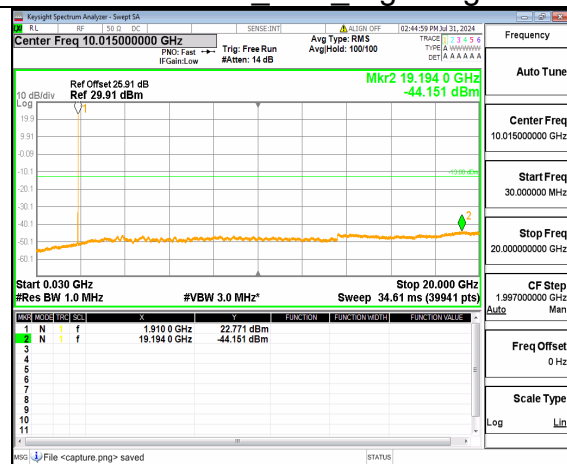
n2 (30MHz-20GHz) 15M DFT-s-OFDM
BPSK Inner 1RB Left High



n2 (30MHz-20GHz) 15M DFT-s-OFDM
BPSK Inner 1RB Right High



n2 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Inner 1RB Left High



n2 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Inner 1RB Right High