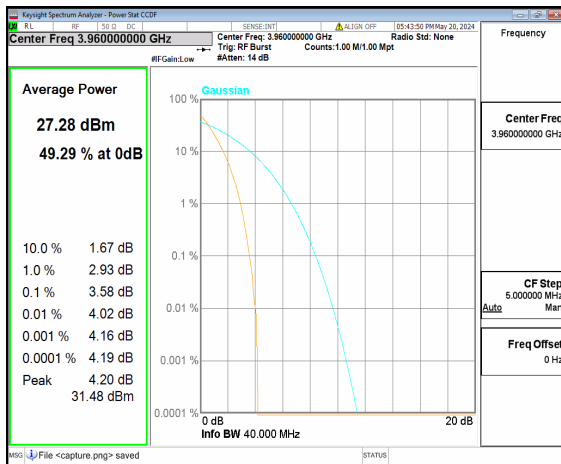
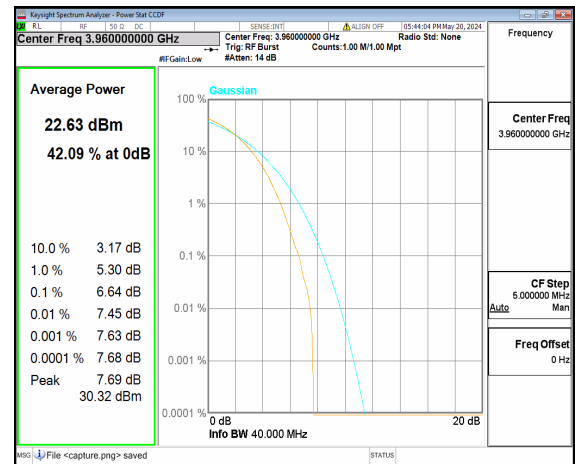
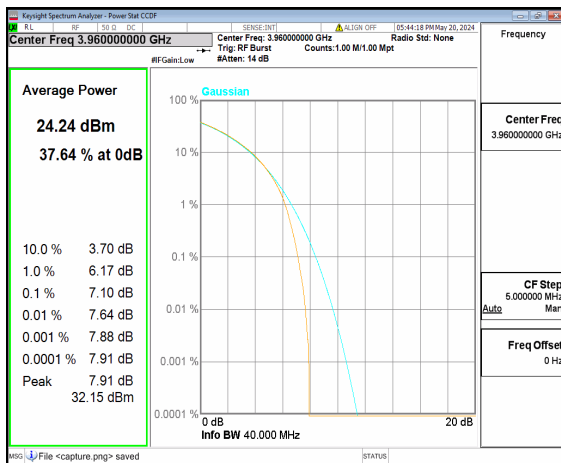




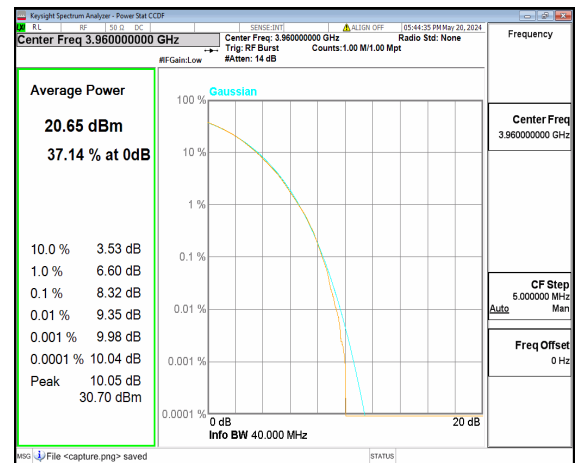
n77(3700-3980MHz) 40M DFT-s-OFDM BPSK
Outer_Full High



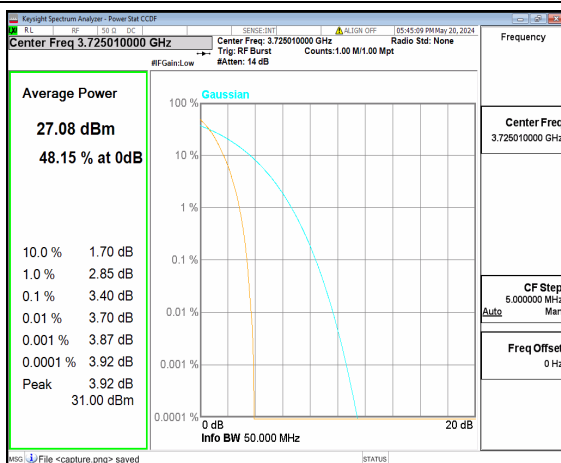
n77(3700-3980MHz) 40M DFT-s-OFDM
256QAM Outer_Full High



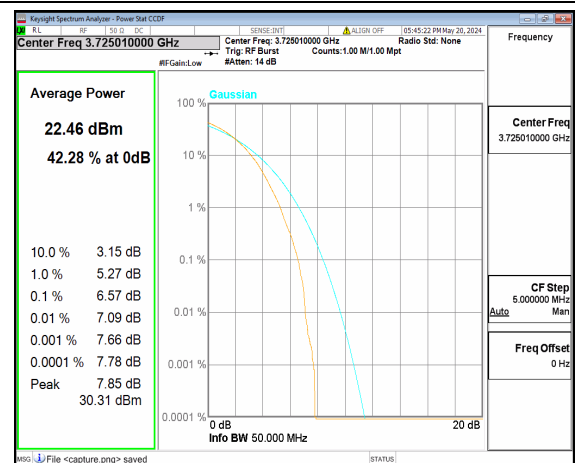
n77(3700-3980MHz) 40M CP-OFDM QPSK
Outer_Full High



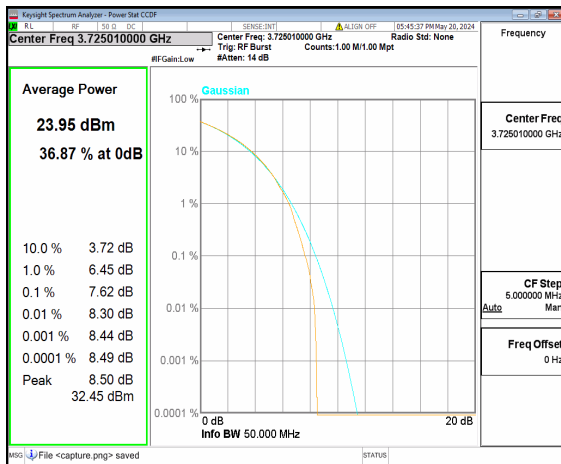
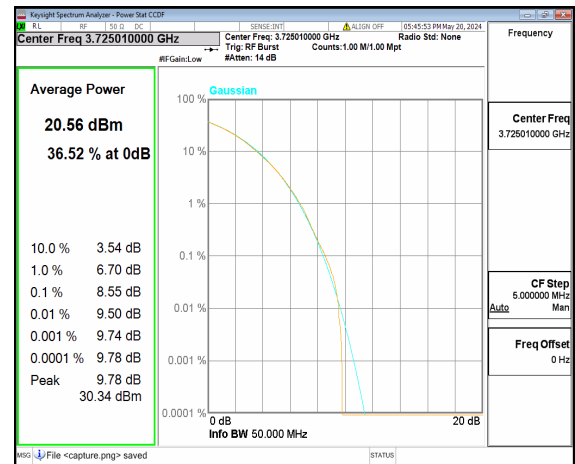
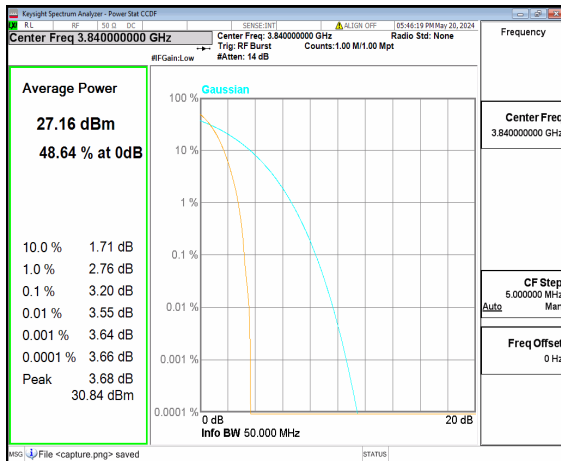
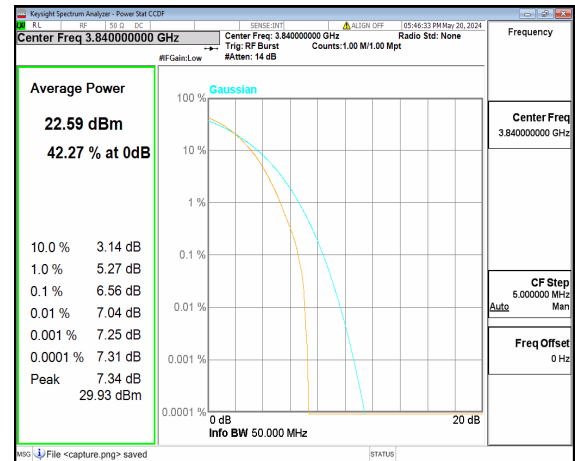
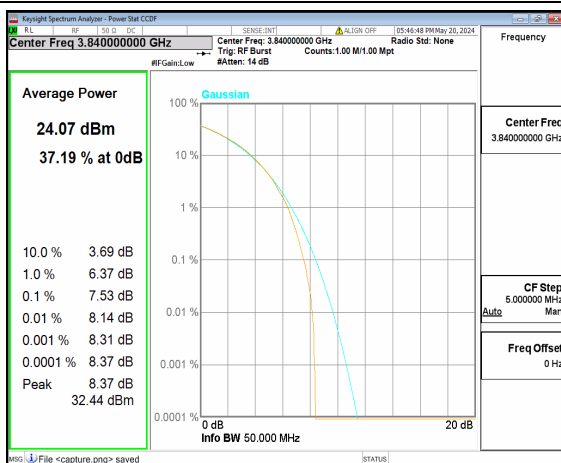
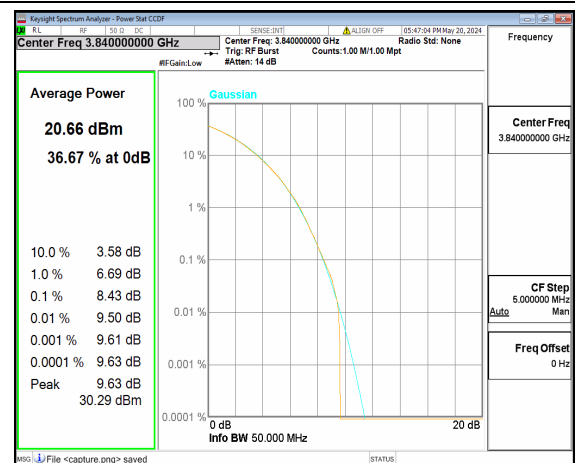
n77(3700-3980MHz) 40M CP-OFDM 256QAM
Outer_Full High

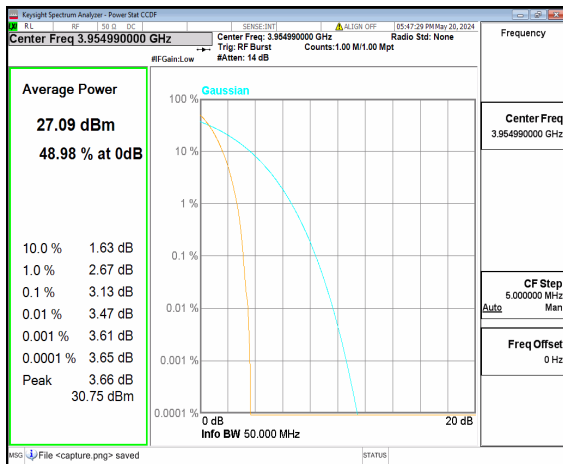


n77(3700-3980MHz) 50M DFT-s-OFDM BPSK
Outer_Full Low

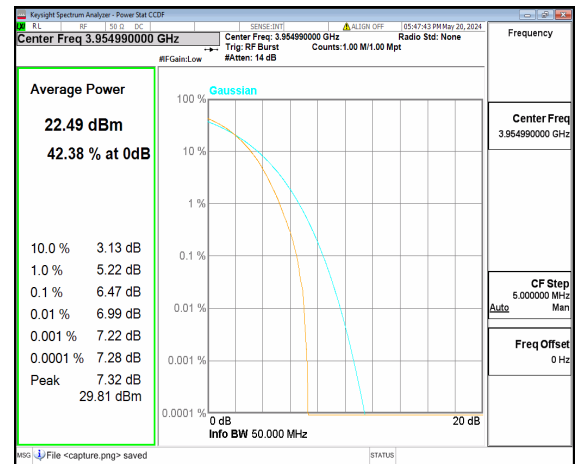


n77(3700-3980MHz) 50M DFT-s-OFDM
256QAM Outer_Full Low

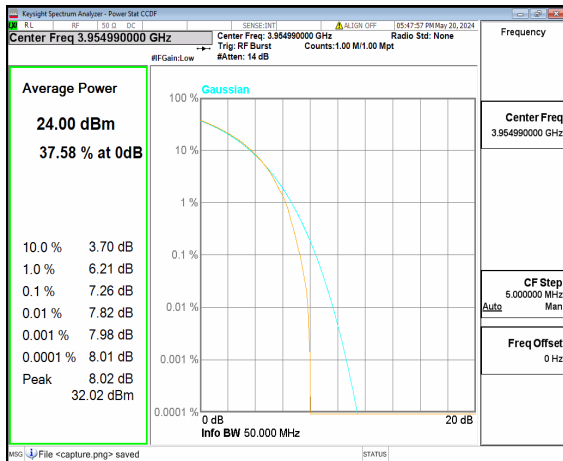
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Outer_Full Lown77(3700-3980MHz) 50M CP-OFDM 256QAM
Outer_Full Lown77(3700-3980MHz) 50M DFT-s-OFDM BPSK
Outer_Full Midn77(3700-3980MHz) 50M DFT-s-OFDM
256QAM Outer_Full Midn77(3700-3980MHz) 50M CP-OFDM QPSK
Outer_Full Midn77(3700-3980MHz) 50M CP-OFDM 256QAM
Outer_Full Mid



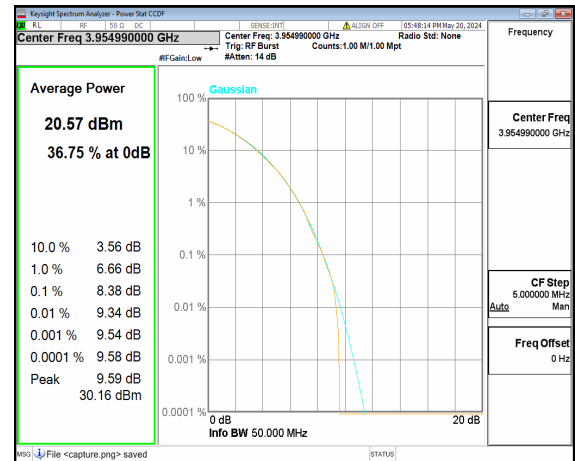
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Outer_Full High



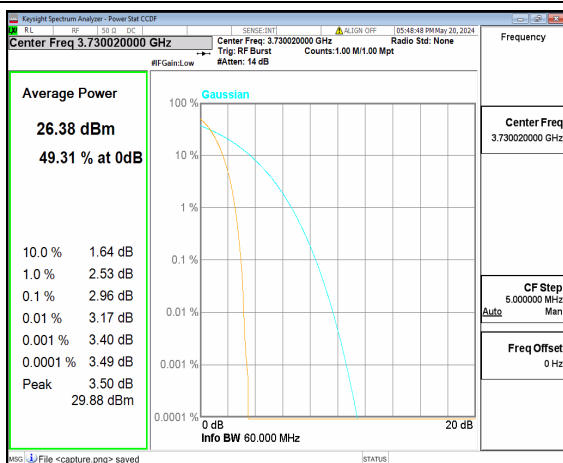
n77(3700-3980MHz) 50M DFT-s-OFDM
256QAM Outer_Full High



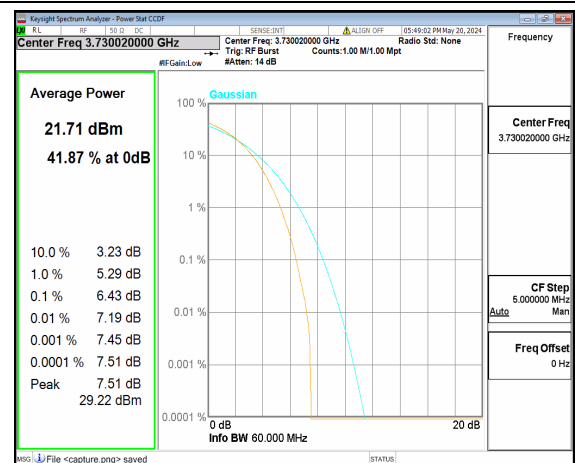
n77(3700-3980MHz) 50M CP-OFDM QPSK
Outer_Full High



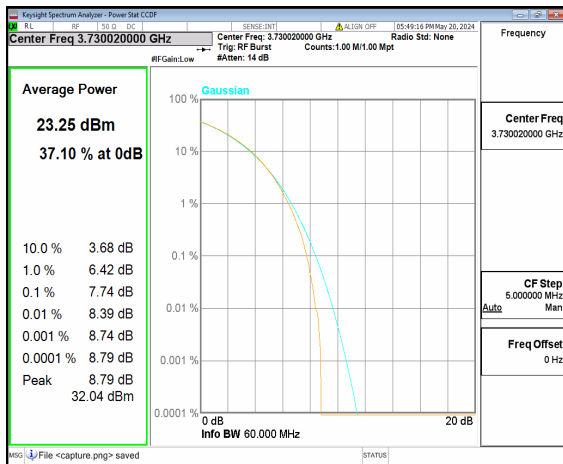
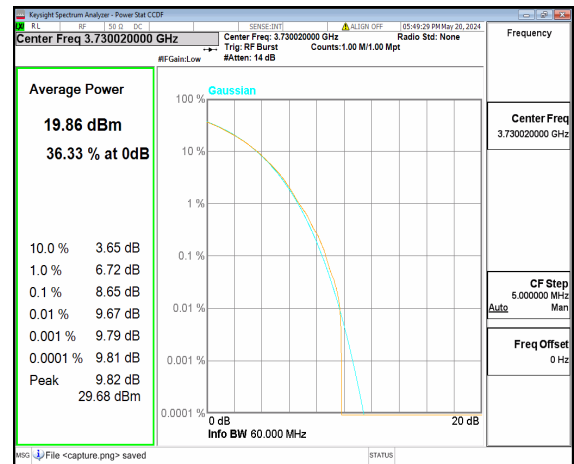
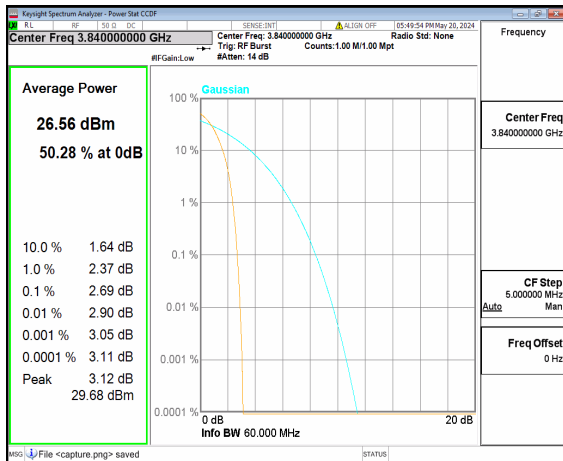
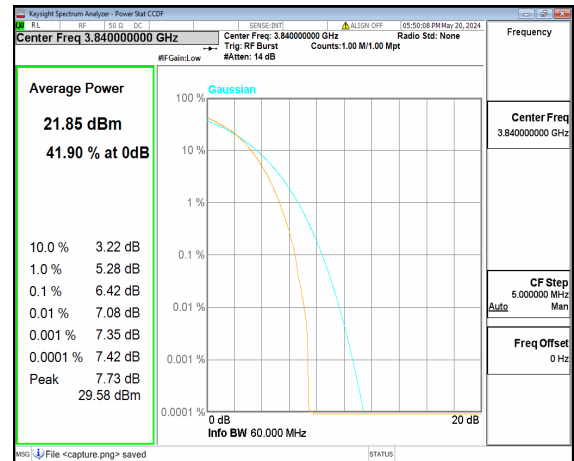
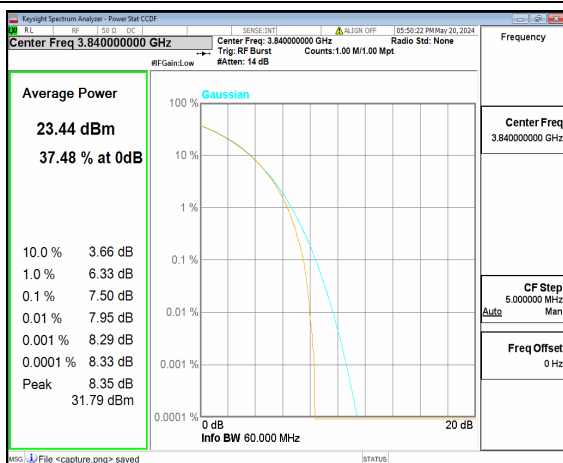
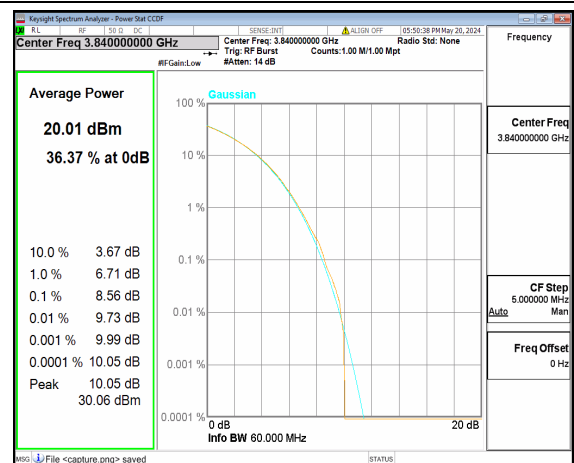
n77(3700-3980MHz) 50M CP-OFDM 256QAM
Outer_Full High

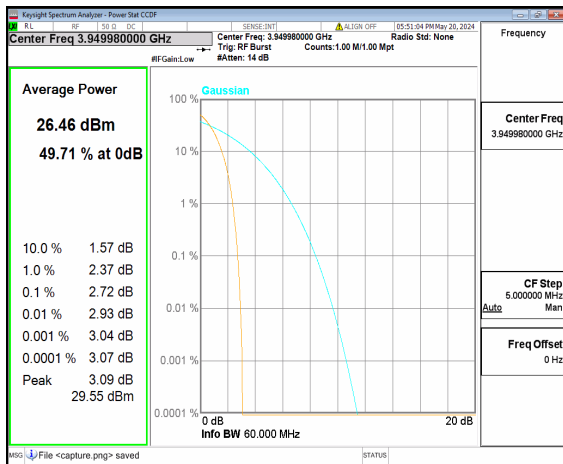
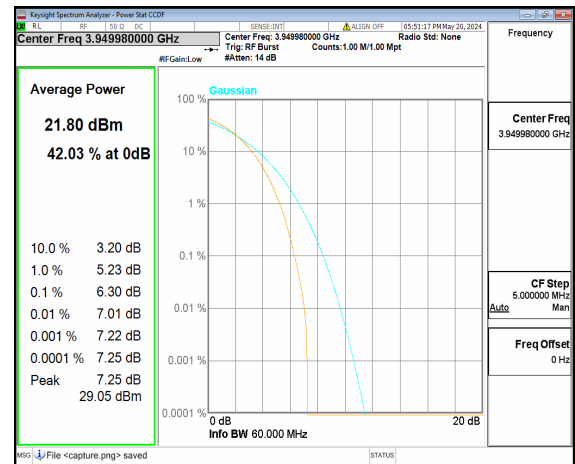
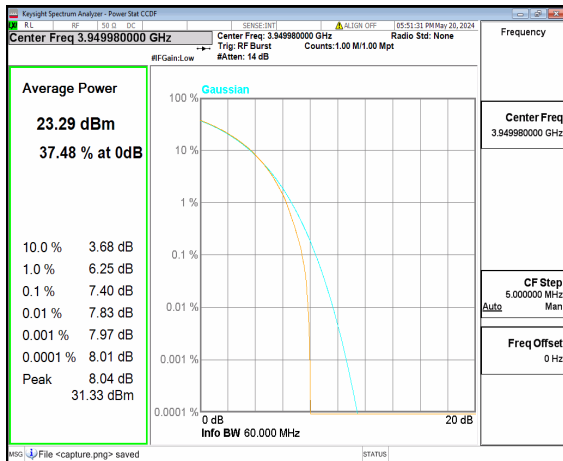
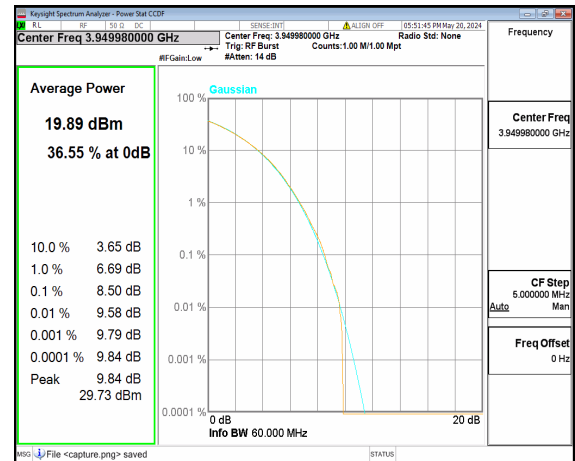
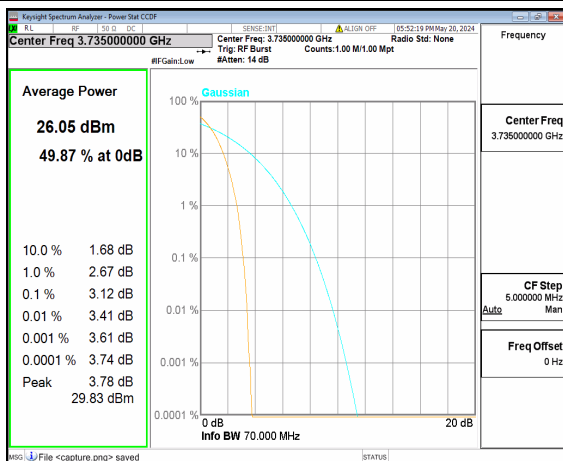
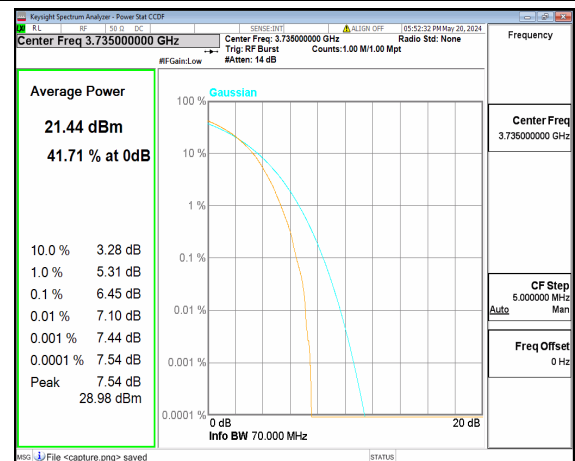


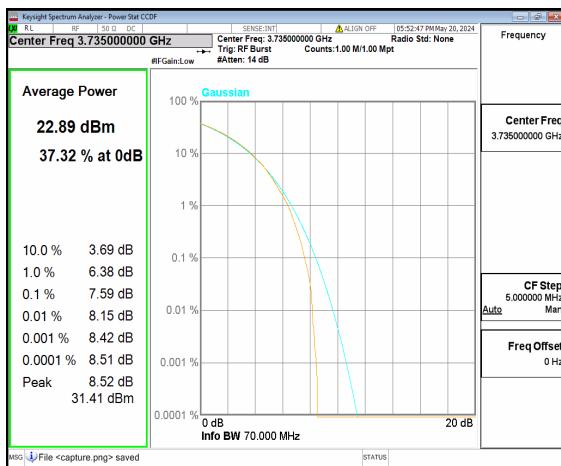
n77(3700-3980MHz) 60M DFT-s-OFDM BPSK
Outer_Full Low



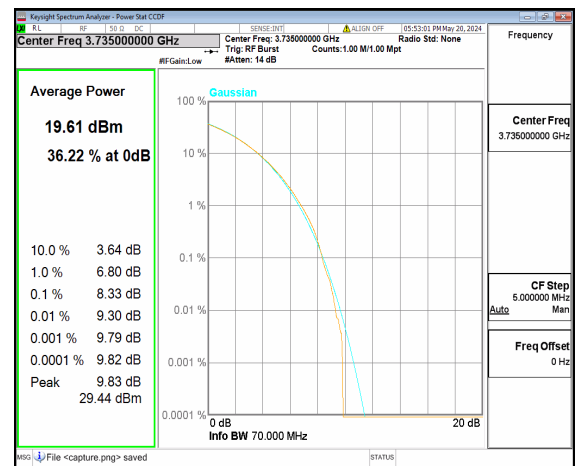
n77(3700-3980MHz) 60M DFT-s-OFDM
256QAM Outer_Full Low

n77(3700-3980MHz) 60M CP-OFDM QPSK
Outer_Full Lown77(3700-3980MHz) 60M CP-OFDM 256QAM
Outer_Full Lown77(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 Mid

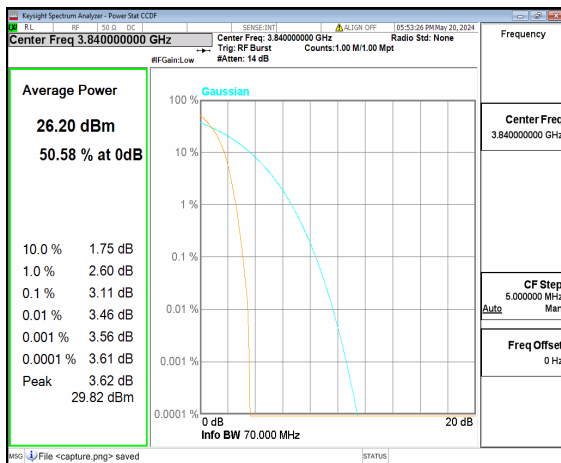
n77(3700-3980MHz) 60M DFT-s-OFDM BPSK
Outer_Full Highn77(3700-3980MHz) 60M DFT-s-OFDM
256QAM Outer_Full Highn77(3700-3980MHz) 60M CP-OFDM QPSK
Outer_Full Highn77(3700-3980MHz) 60M CP-OFDM 256QAM
Outer_Full Highn77(3700-3980MHz) 70M DFT-s-OFDM BPSK
Outer_Full Lown77(3700-3980MHz) 70M DFT-s-OFDM
256QAM Outer_Full Low



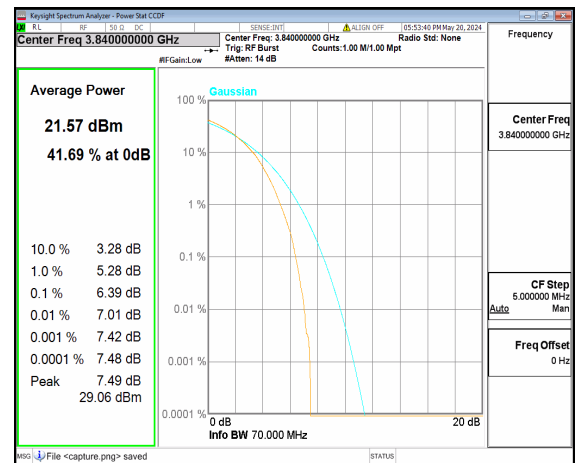
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Outer_Full Low



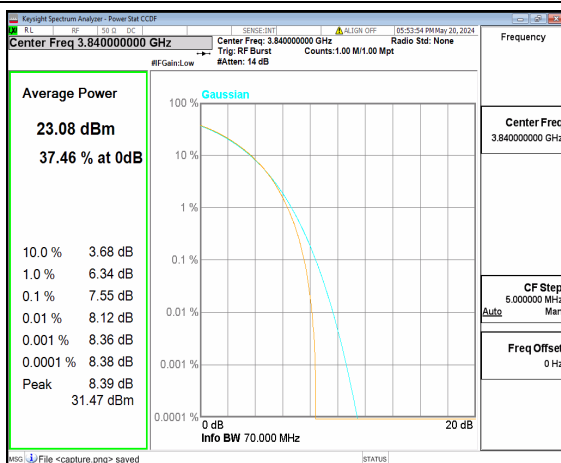
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Outer_Full Low



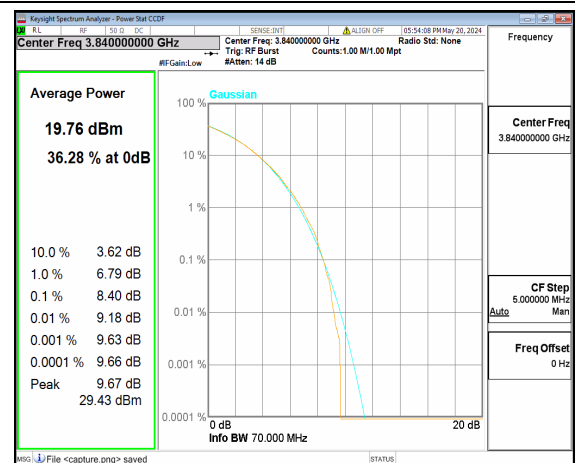
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Outer_Full Mid



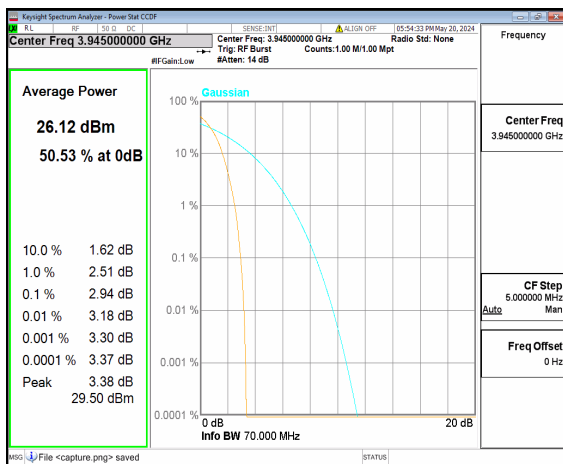
n77(3700-3980MHz) 70M DFT-s-OFDM
256QAM Outer_Full Mid



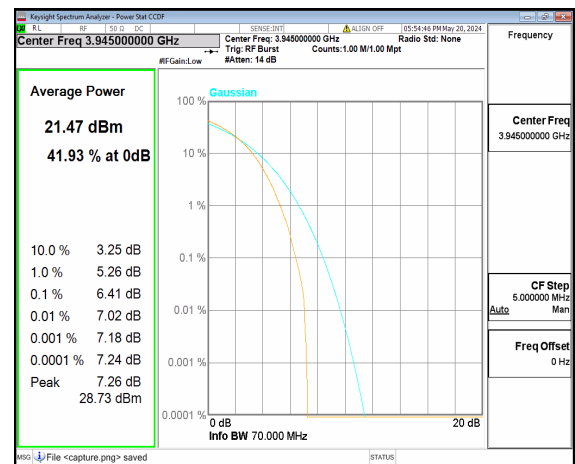
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Outer_Full Mid



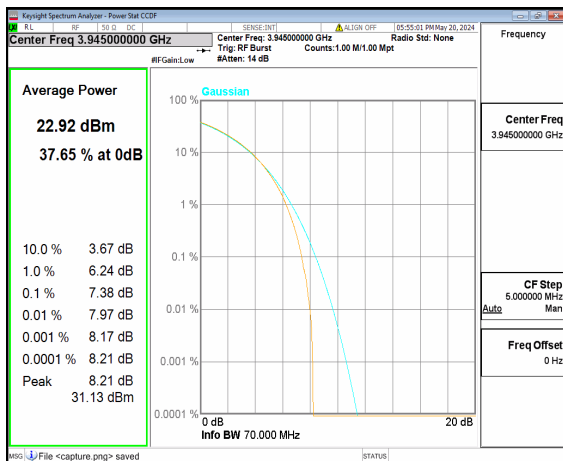
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Outer_Full Mid



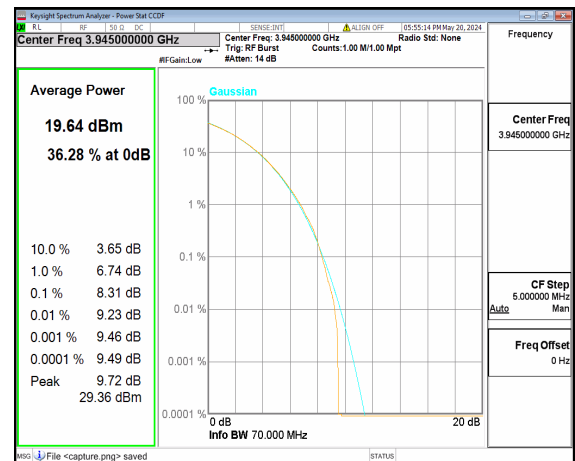
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Outer_Full High



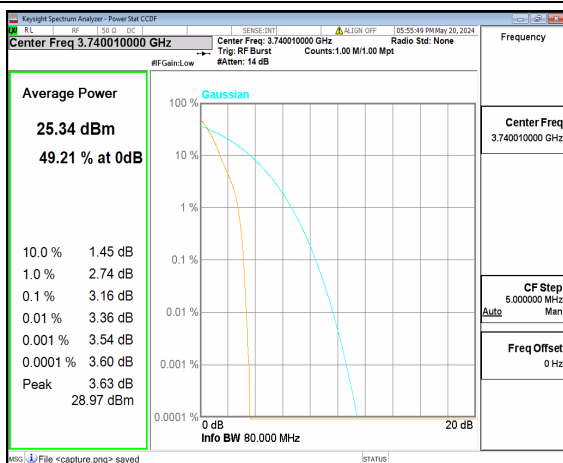
n77(3700-3980MHz) 70M DFT-s-OFDM
256QAM Outer_Full High



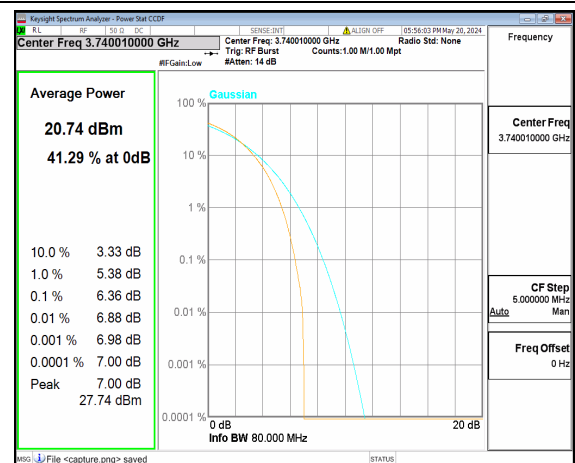
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Outer_Full High



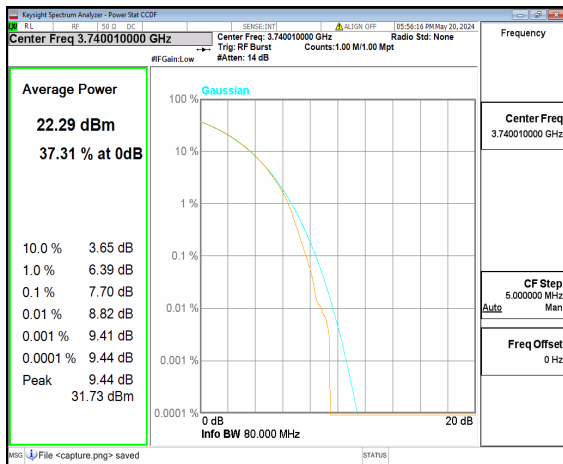
n77(3700-3980MHz) 70M CP-OFDM 256QAM
Outer_Full High



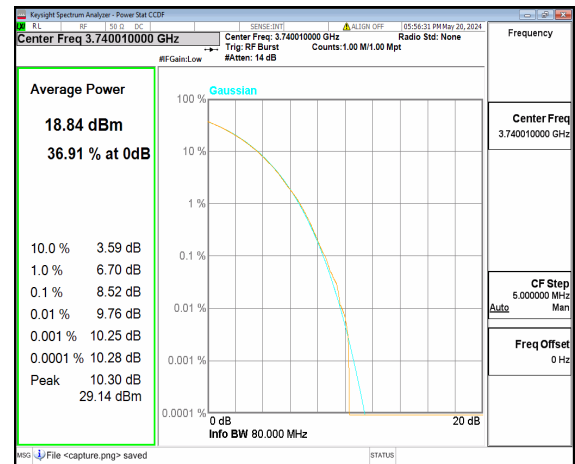
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Outer_Full Low



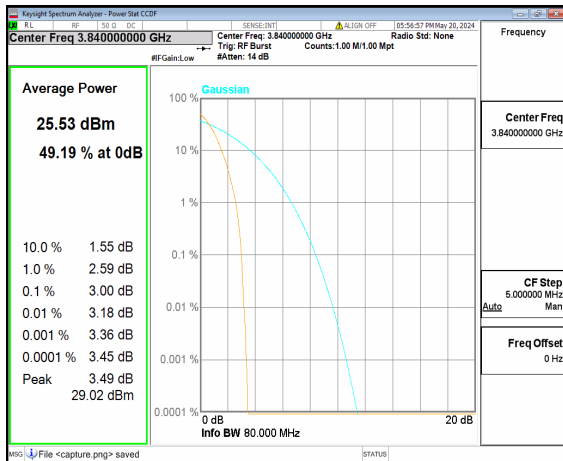
n77(3700-3980MHz) 80M DFT-s-OFDM
256QAM Outer_Full Low



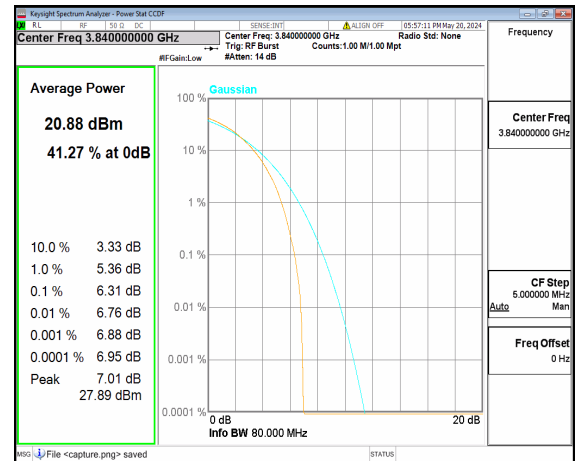
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Outer_Full Low



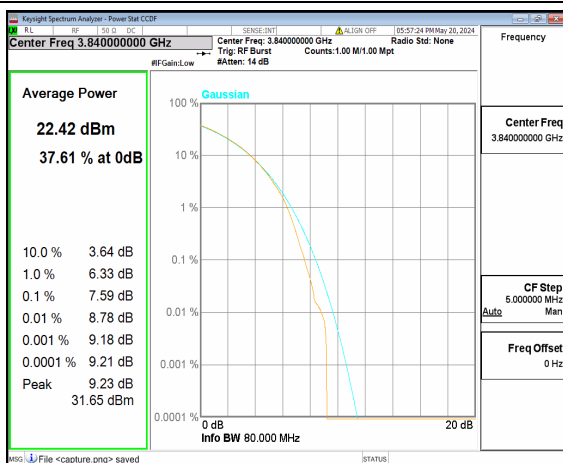
n77(3700-3980MHz) 80M CP-OFDM 256QAM
Outer_Full Low



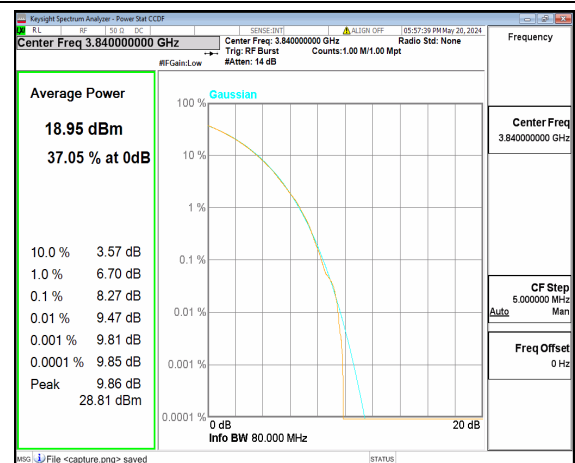
n77(3700-3980MHz) 80M DFT-s-OFDM BPSK
Outer_Full Mid



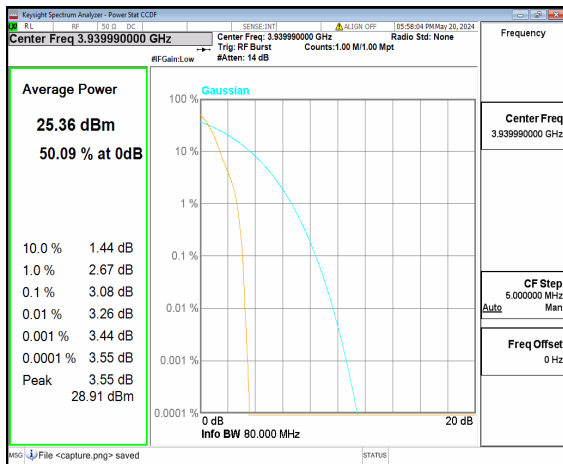
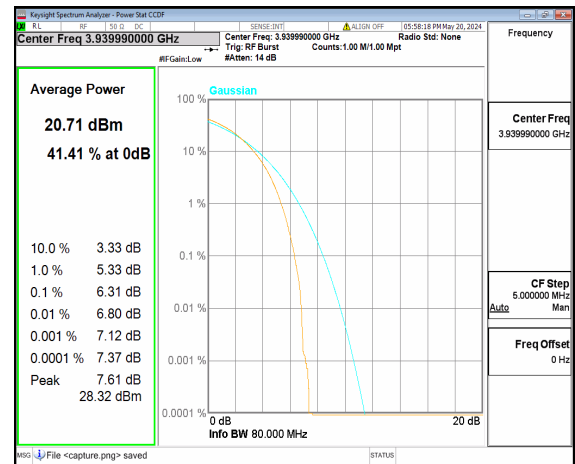
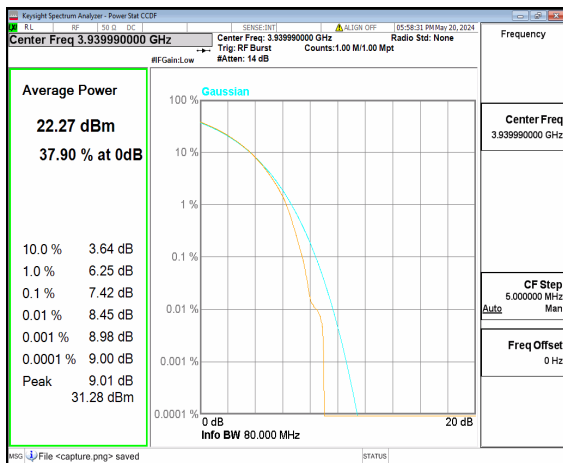
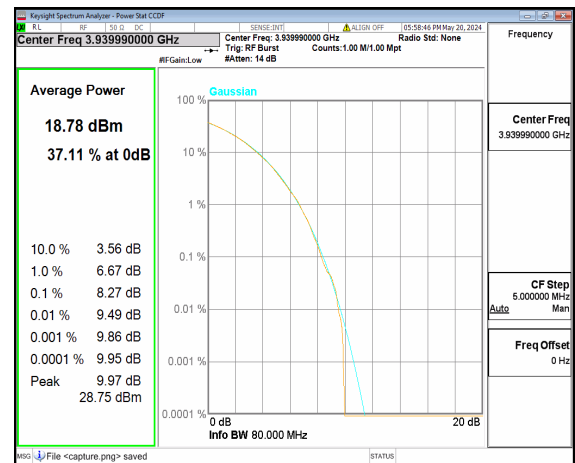
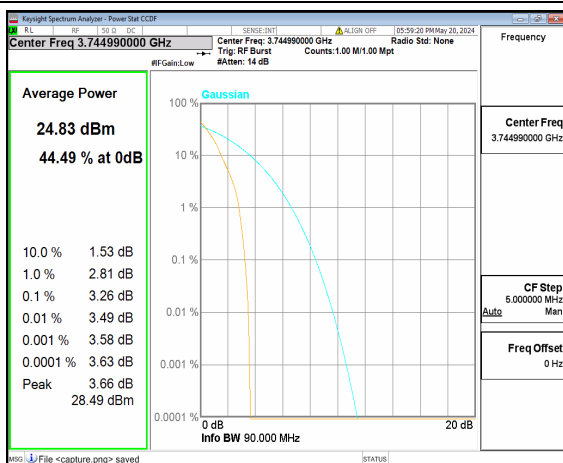
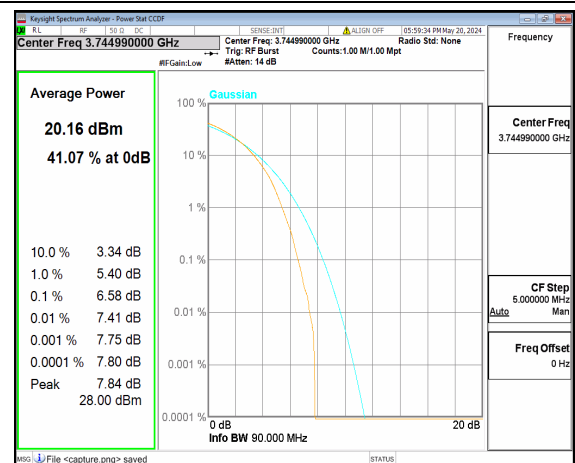
n77(3700-3980MHz) 80M DFT-s-OFDM
256QAM Outer_Full Mid

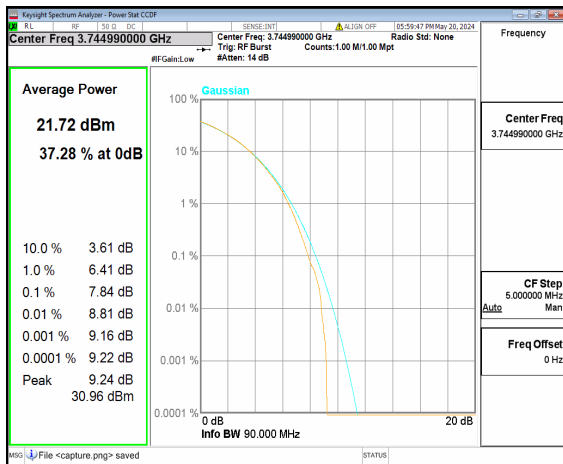
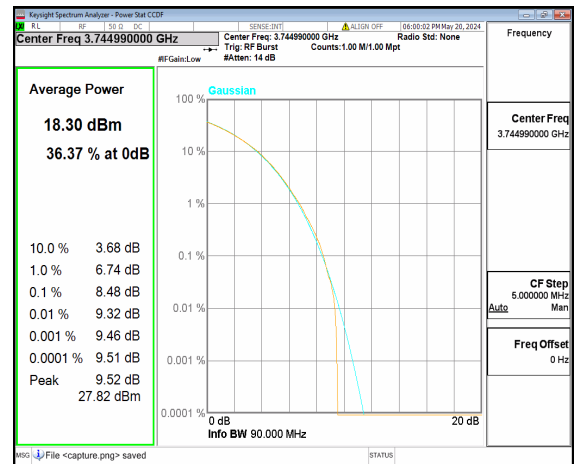
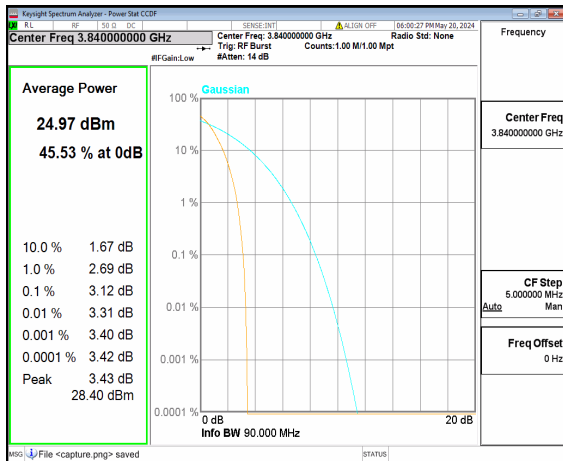
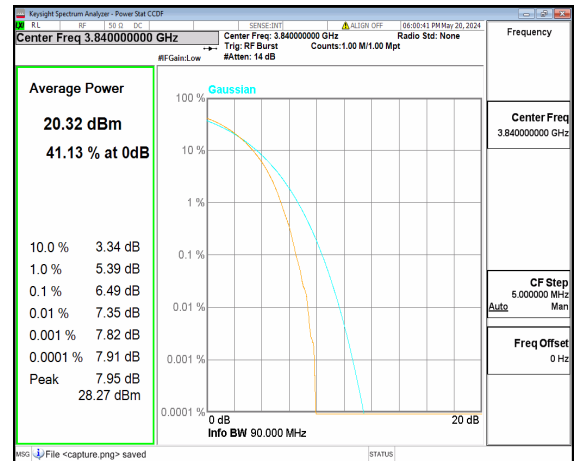
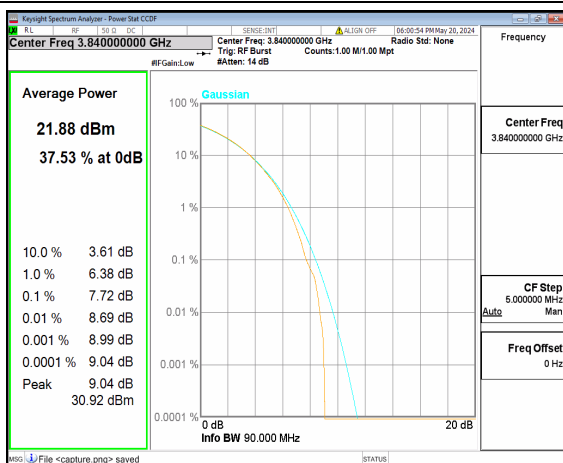
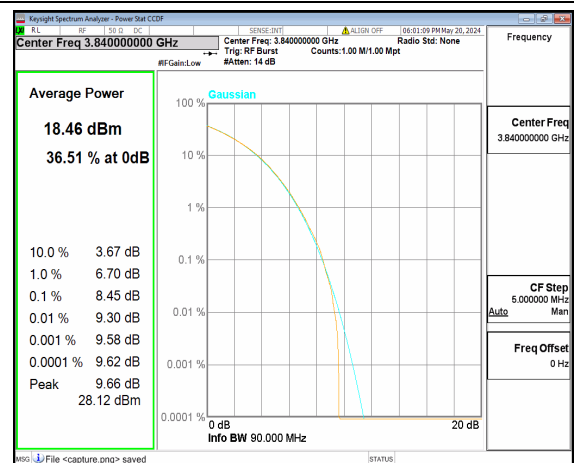


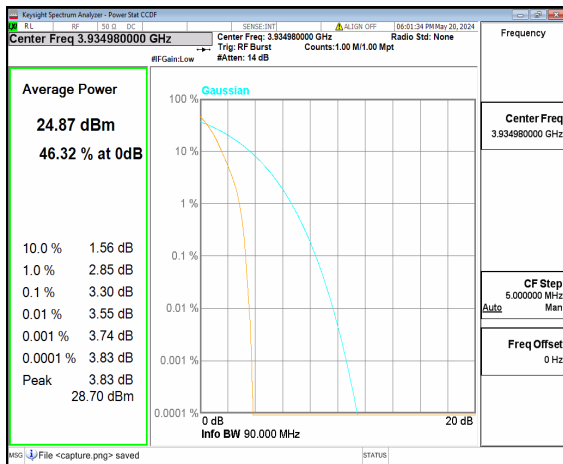
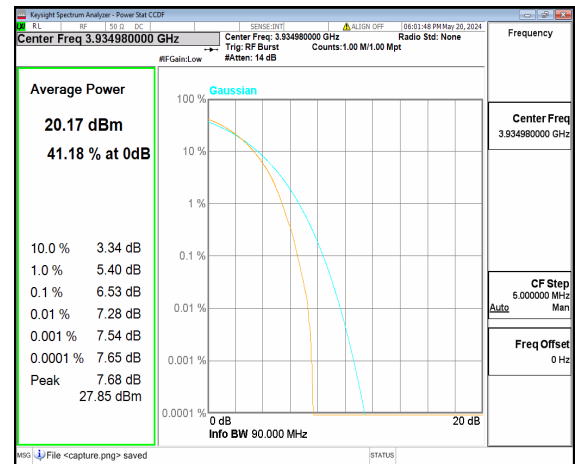
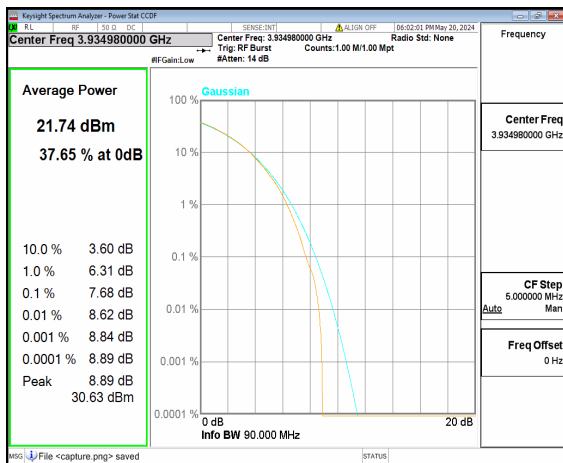
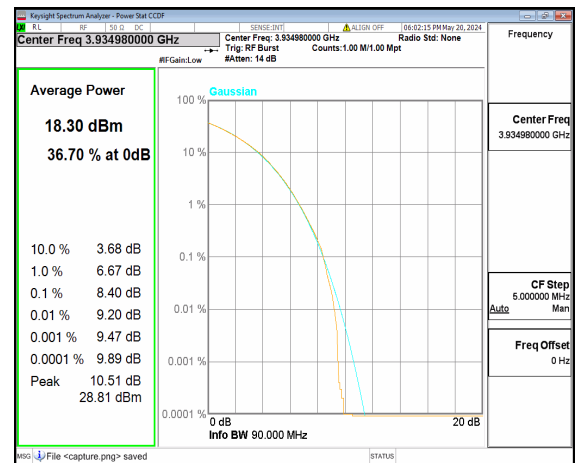
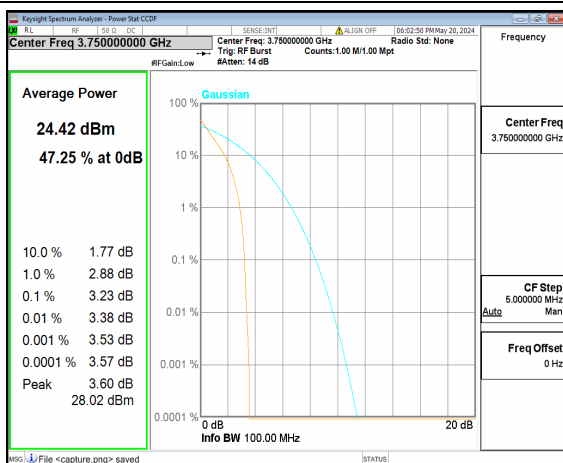
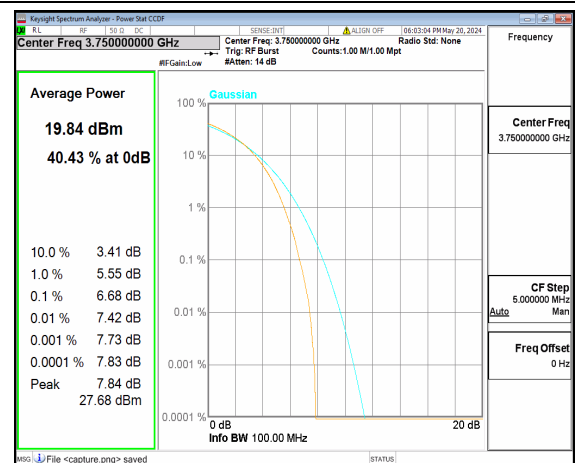
n77(3700-3980MHz) 80M CP-OFDM QPSK
Outer_Full Mid

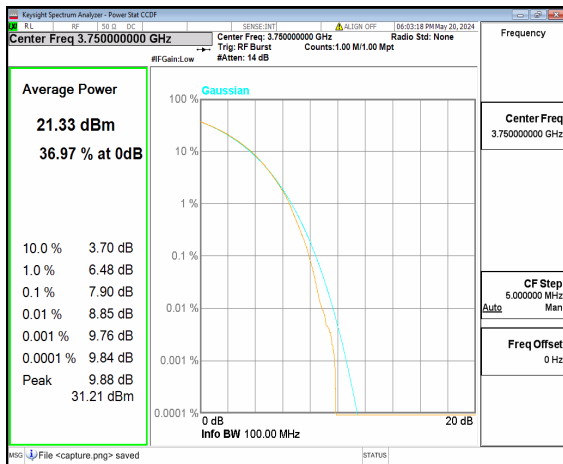


n77(3700-3980MHz) 80M CP-OFDM 256QAM
Outer_Full Mid

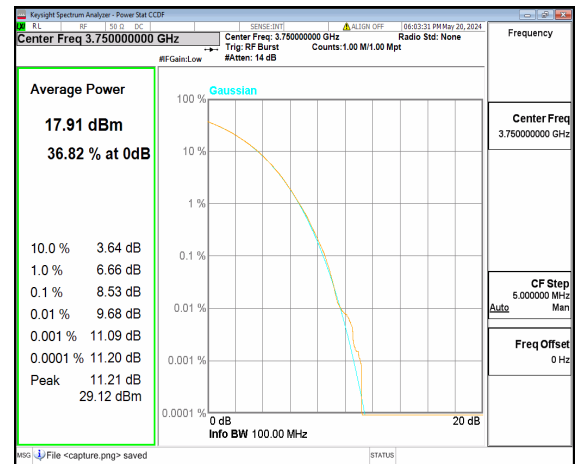
n77(3700-3980MHz) 80M DFT-s-OFDM BPSK
Outer_Full Highn77(3700-3980MHz) 80M DFT-s-OFDM
256QAM Outer_Full Highn77(3700-3980MHz) 80M CP-OFDM QPSK
Outer_Full Highn77(3700-3980MHz) 80M CP-OFDM 256QAM
Outer_Full Highn77(3700-3980MHz) 90M DFT-s-OFDM BPSK
Outer_Full Lown77(3700-3980MHz) 90M DFT-s-OFDM
256QAM Outer_Full Low

n77(3700-3980MHz) 90M CP-OFDM QPSK
Outer_Full Lown77(3700-3980MHz) 90M CP-OFDM 256QAM
Outer_Full Lown77(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 Mid

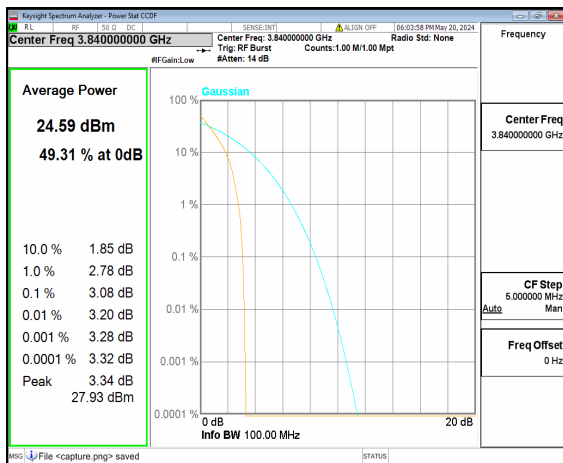
n77(3700-3980MHz) 90M DFT-s-OFDM BPSK
Outer_Full Highn77(3700-3980MHz) 90M DFT-s-OFDM
256QAM Outer_Full Highn77(3700-3980MHz) 90M CP-OFDM QPSK
Outer_Full Highn77(3700-3980MHz) 90M CP-OFDM 256QAM
Outer_Full Highn77(3700-3980MHz) 100M DFT-s-OFDM BPSK
Outer_Full Lown77(3700-3980MHz) 100M DFT-s-OFDM
256QAM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



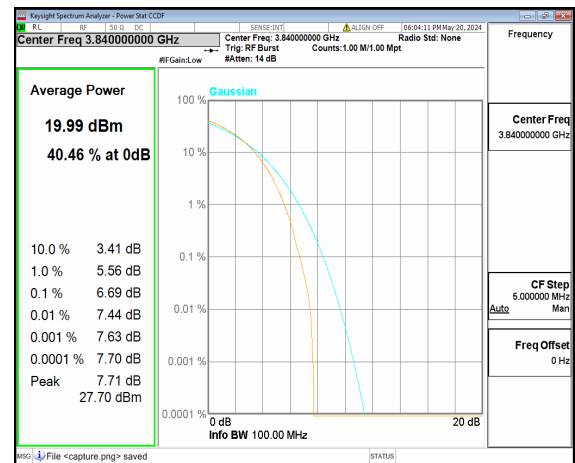
n77(3700-3980MHz) 100M CP-OFDM QPSK
Outer_Full Low



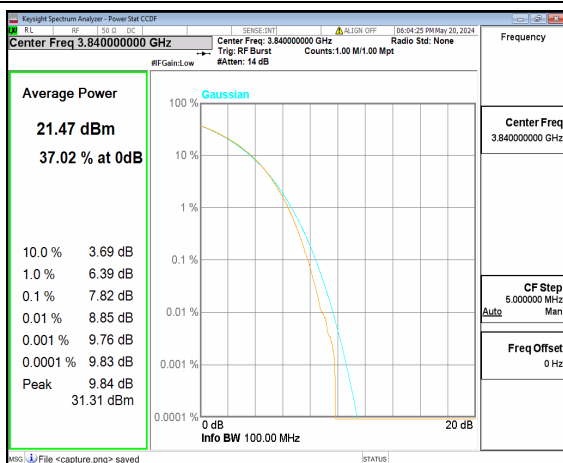
n77(3700-3980MHz) 100M CP-OFDM 256QAM
Outer_Full Low



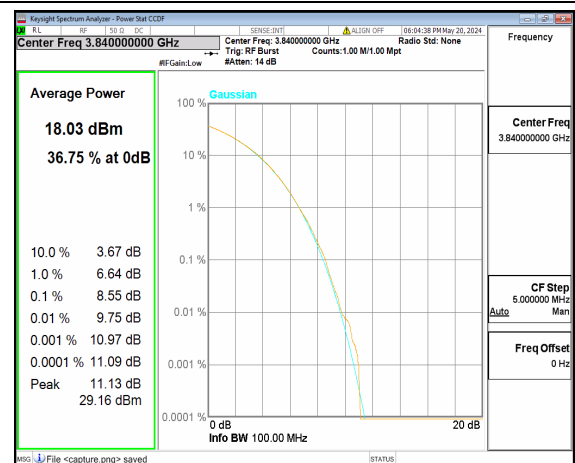
n77(3700-3980MHz) 100M DFT-s-OFDM BPSK
Outer_Full Mid



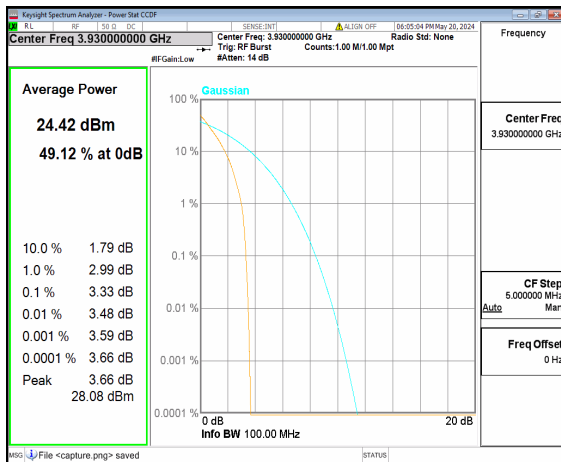
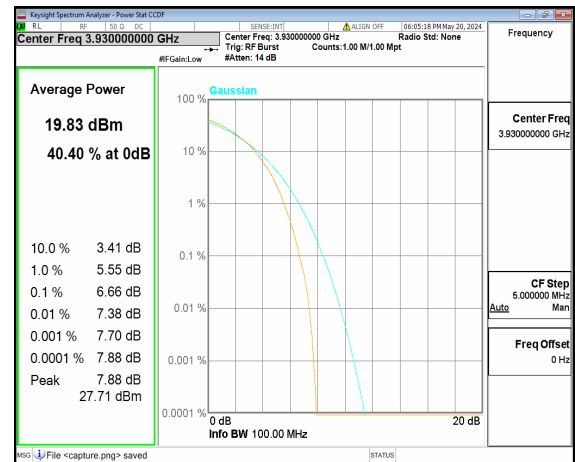
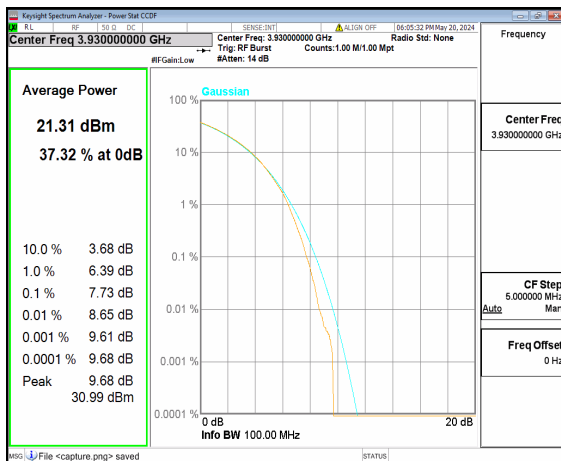
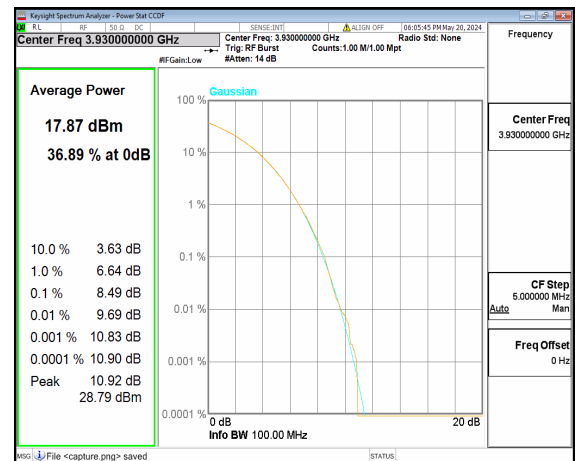
n77(3700-3980MHz) 100M DFT-s-OFDM
256QAM Outer_Full Mid



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 Highn77(3700-3980MHz) 100M DFT-s-OFDM
256QAM Outer_Full Highn77(3700-3980MHz) 100M CP-OFDM QPSK
Outer_Full Highn77(3700-3980MHz) 100M CP-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.

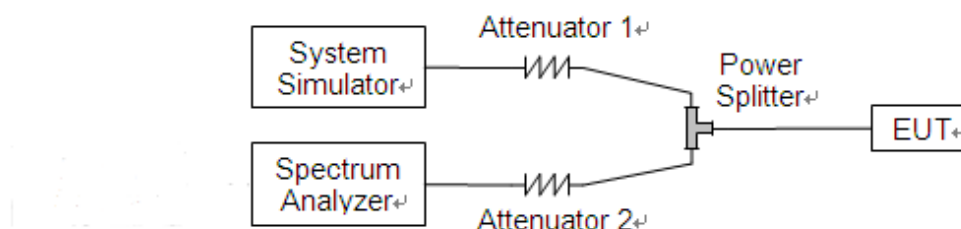
According to FCC section 27.53(m)(4) for n41, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $55 + 10 \log(P)$ dB. This calculated to be -25dBm.

According to FCC section 27.53(l)(2) for n77, n78, 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, n78, 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.

According to FCC section 96.41(e), the conducted power of emissions below 3530 MHz or above 3720 MHz shall not exceed -40dBm/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.

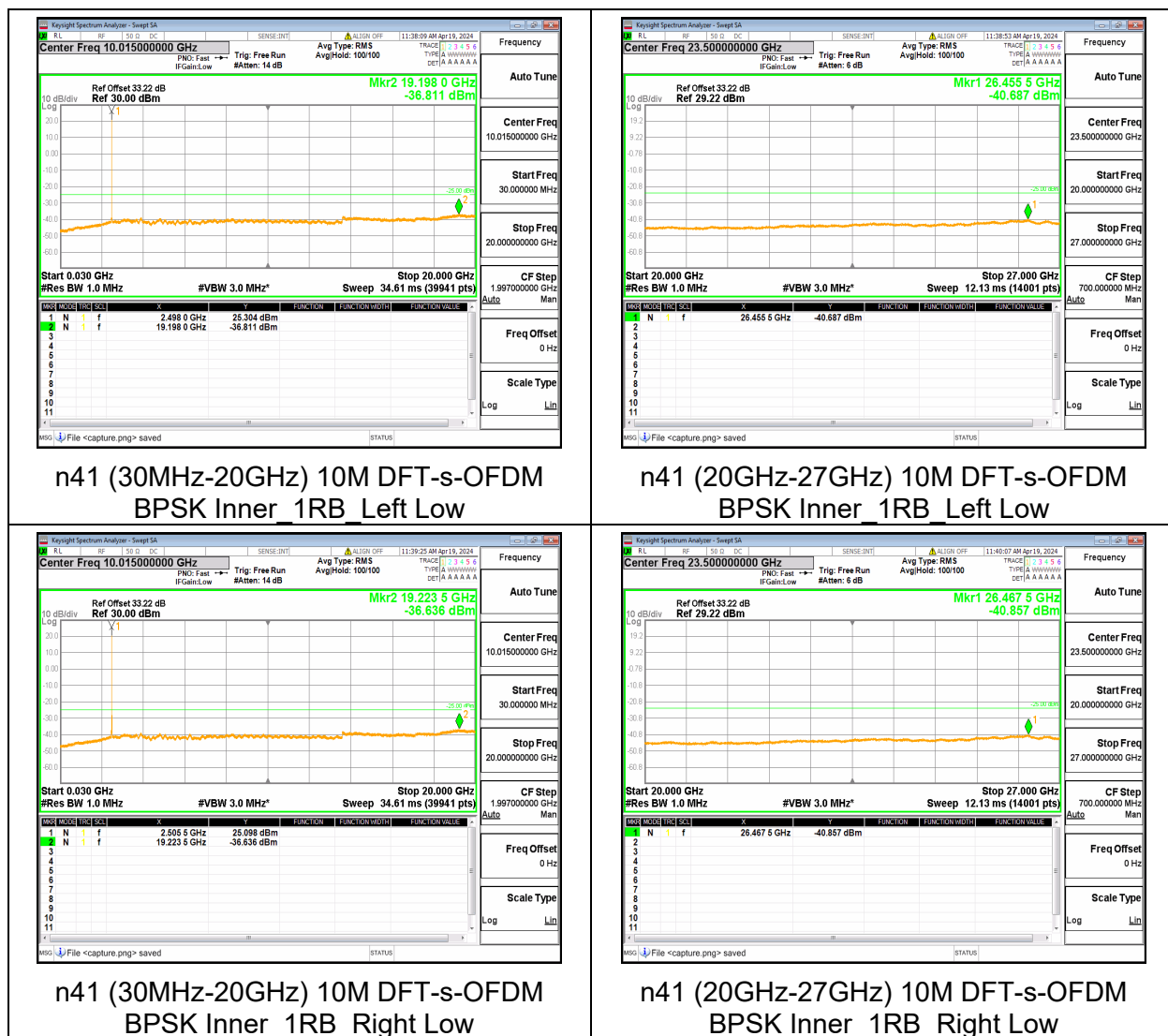


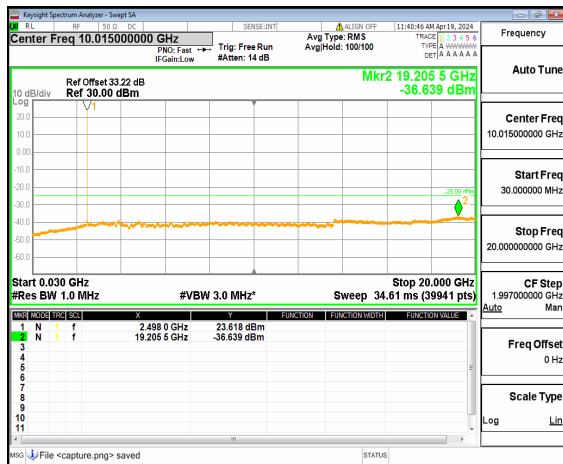
2.5.3. Test procedure

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

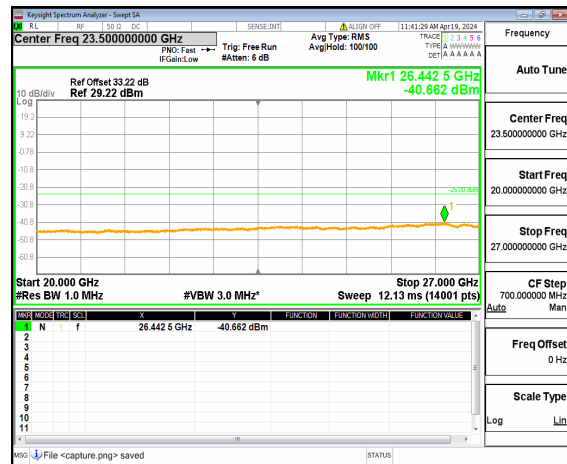
2.5.4. Test Result

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.

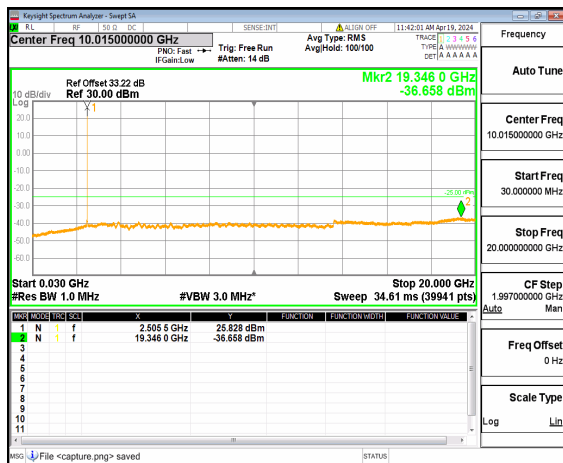




n41 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Inner_1RB_Left Low



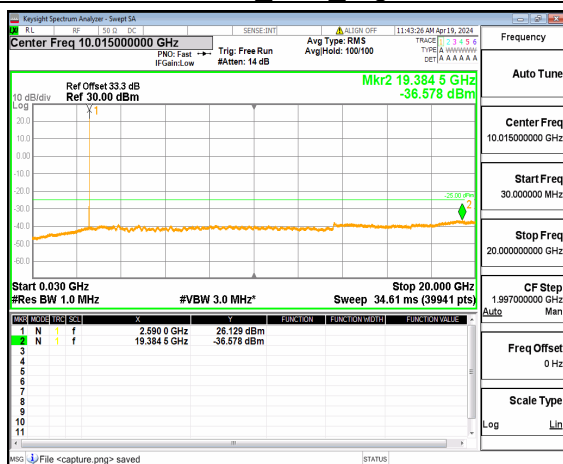
n41 (20GHz-27GHz) 10M DFT-s-OFDM
QPSK Inner_1RB_Left Low



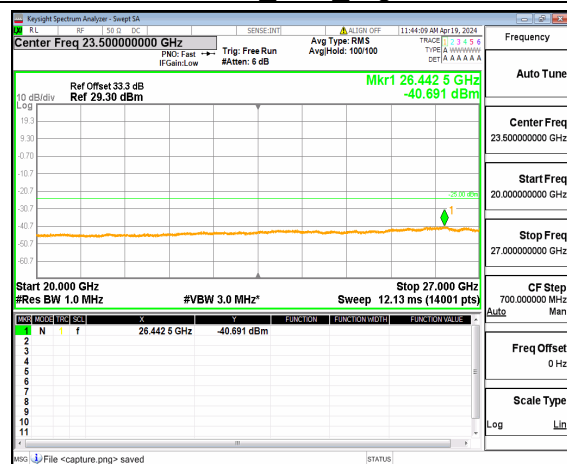
n41 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Inner_1RB_Right Low



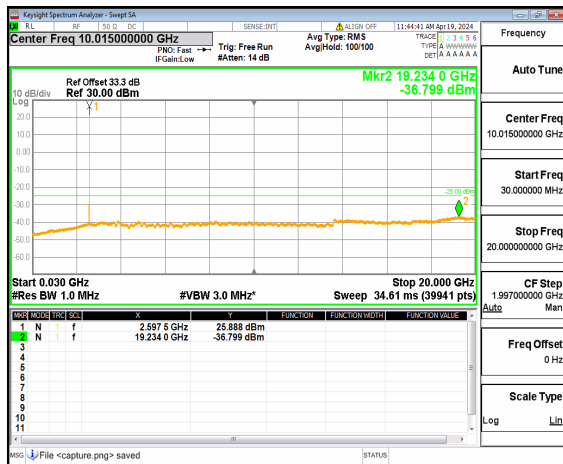
n41 (20GHz-27GHz) 10M DFT-s-OFDM
QPSK Inner_1RB_Right Low



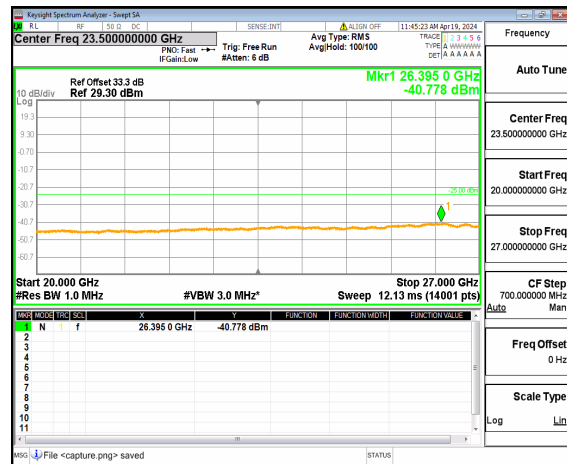
n41 (30MHz-20GHz) 10M DFT-s-OFDM
BPSK Inner_1RB_Left Mid



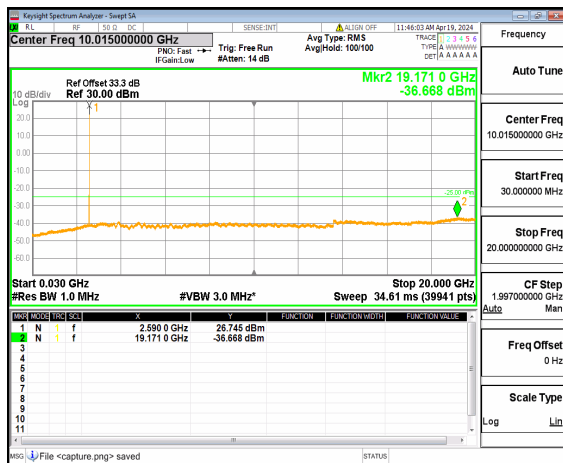
n41 (20GHz-27GHz) 10M DFT-s-OFDM
BPSK Inner_1RB_Left Mid



n41 (30MHz-20GHz) 10M DFT-s-OFDM
BPSK Inner_1RB_Right Mid



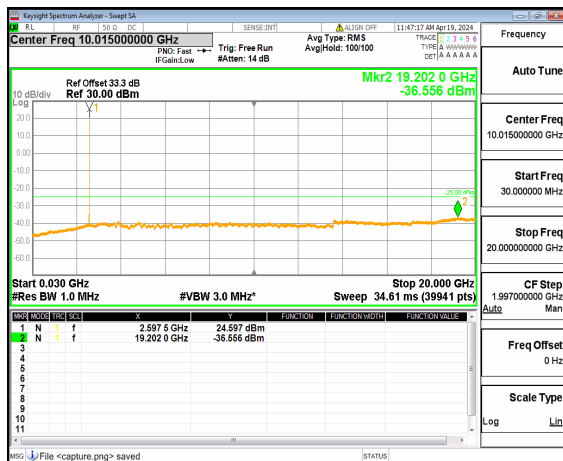
n41 (20GHz-27GHz) 10M DFT-s-OFDM
BPSK Inner_1RB_Right Mid



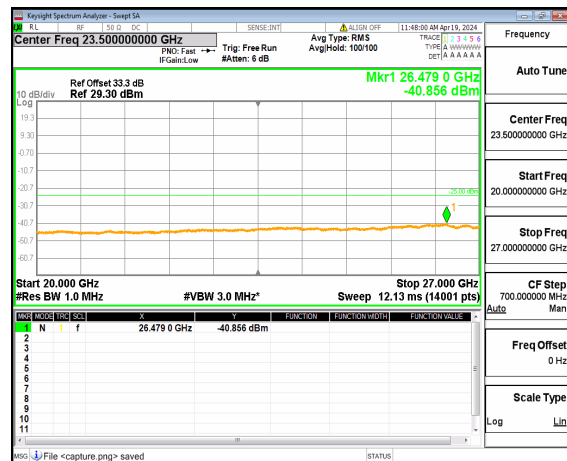
n41 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Inner_1RB_Left Mid



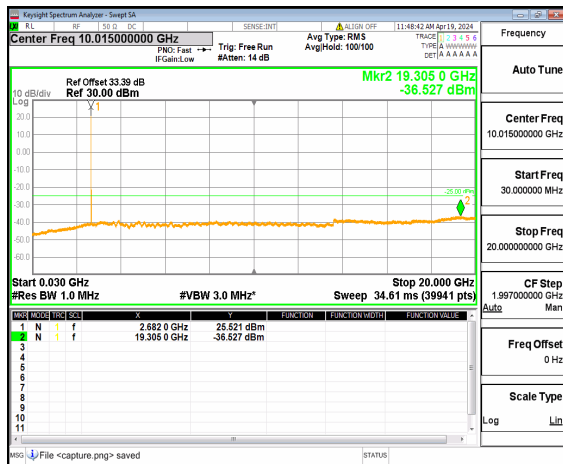
n41 (20GHz-27GHz) 10M DFT-s-OFDM
QPSK Inner_1RB_Left Mid



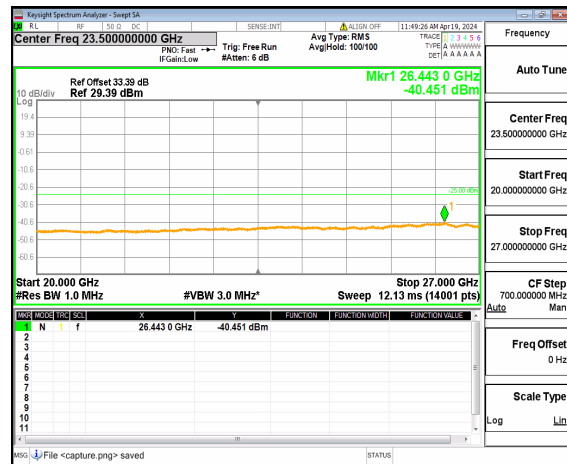
n41 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Inner_1RB_Right Mid



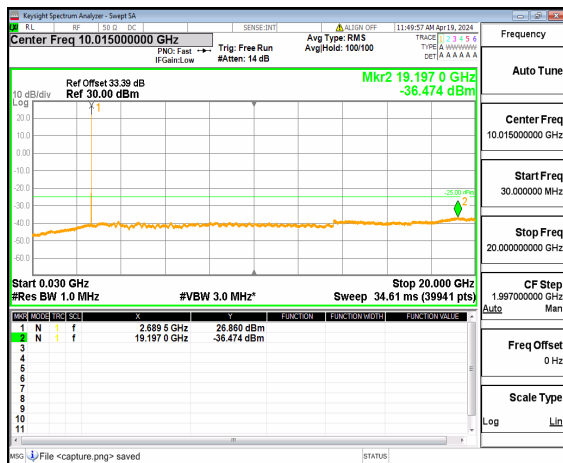
n41 (20GHz-27GHz) 10M DFT-s-OFDM
QPSK Inner_1RB_Right Mid



n41 (30MHz-20GHz) 10M DFT-s-OFDM
BPSK Inner_1RB_Left High



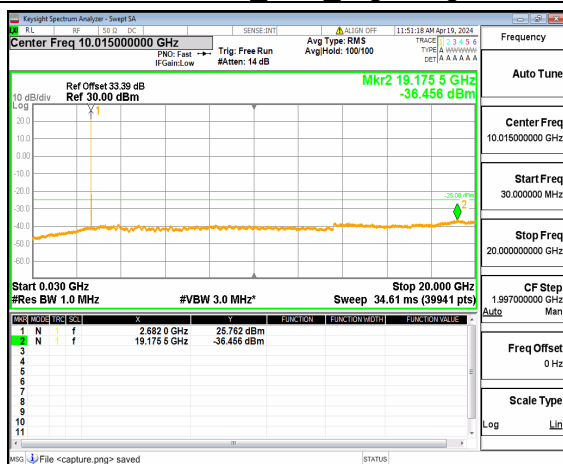
n41 (20GHz-27GHz) 10M DFT-s-OFDM
BPSK Inner_1RB_Left High



n41 (30MHz-20GHz) 10M DFT-s-OFDM
BPSK Inner_1RB_Right High



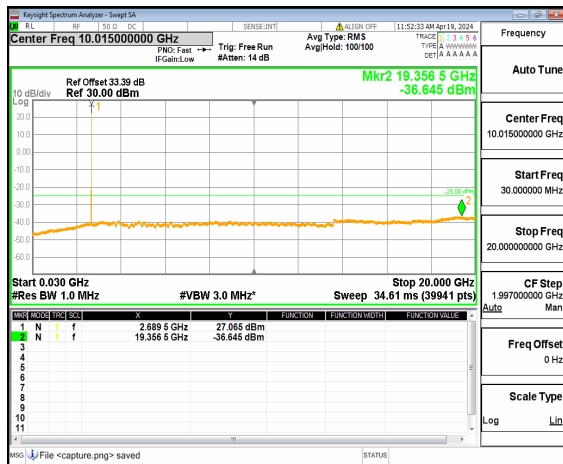
n41 (20GHz-27GHz) 10M DFT-s-OFDM
BPSK Inner_1RB_Right High



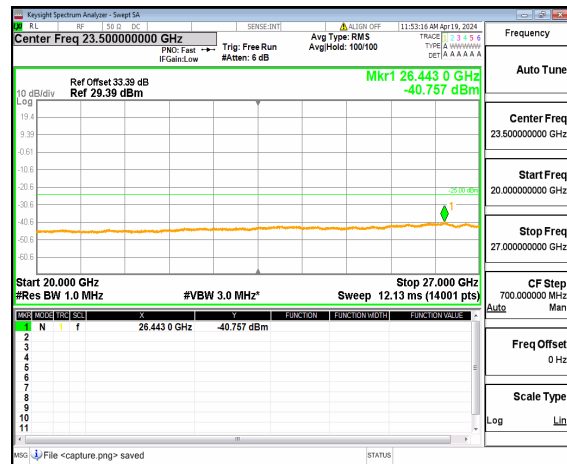
n41 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Inner_1RB_Left High



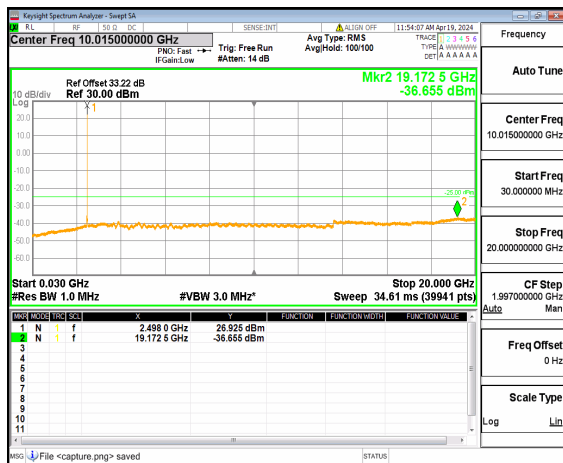
n41 (20GHz-27GHz) 10M DFT-s-OFDM
QPSK Inner_1RB_Left High



n41 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Inner 1RB Right High



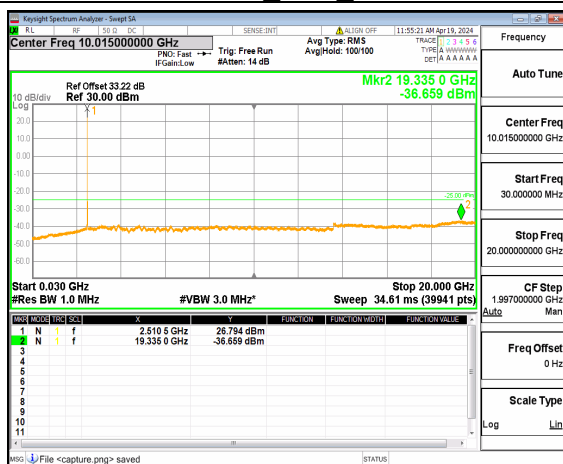
n41 (20GHz-27GHz) 10M DFT-s-OFDM
QPSK Inner 1RB Right High



n41 (30MHz-20GHz) 15M DFT-s-OFDM
BPSK Inner 1RB Left Low



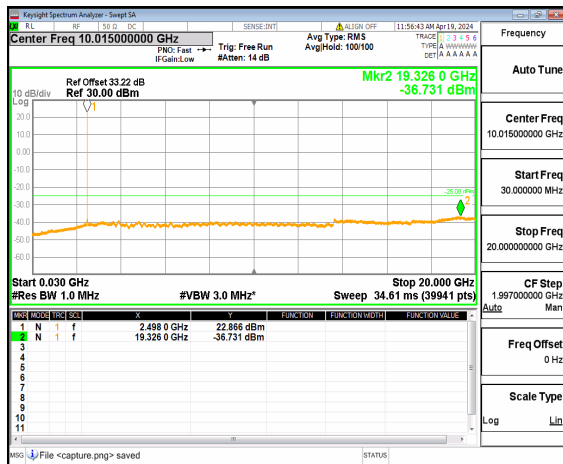
n41 (20GHz-27GHz) 15M DFT-s-OFDM
BPSK Inner 1RB Left Low



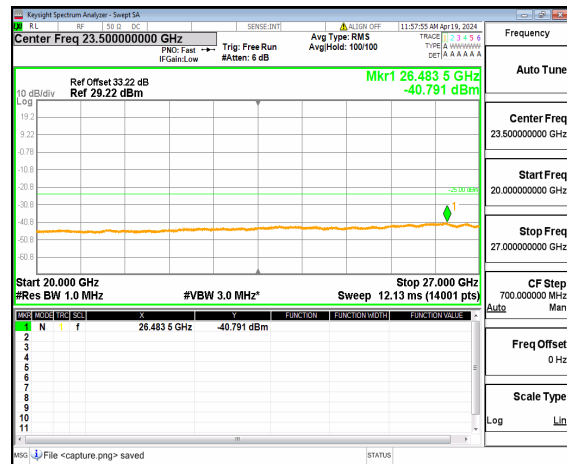
n41 (30MHz-20GHz) 15M DFT-s-OFDM
BPSK Inner 1RB Right Low



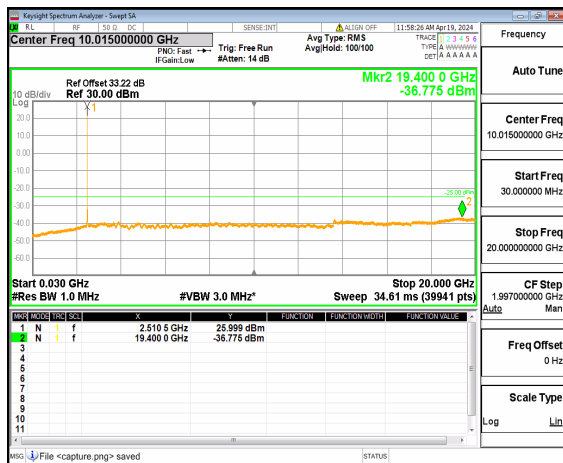
n41 (20GHz-27GHz) 15M DFT-s-OFDM
BPSK Inner 1RB Right Low



n41 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Inner_1RB_Left Low



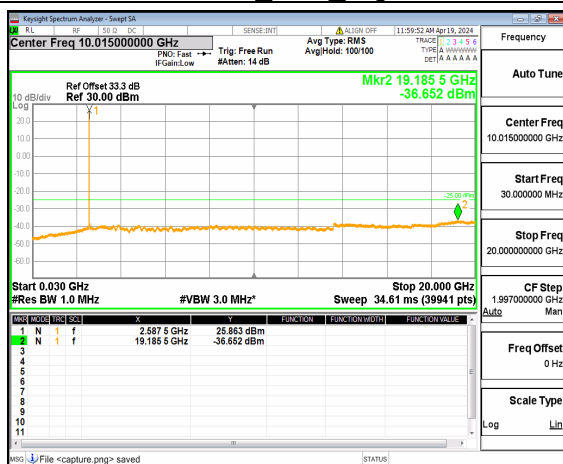
n41 (20GHz-27GHz) 15M DFT-s-OFDM
QPSK Inner_1RB_Left Low



n41 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Inner_1RB_Right Low



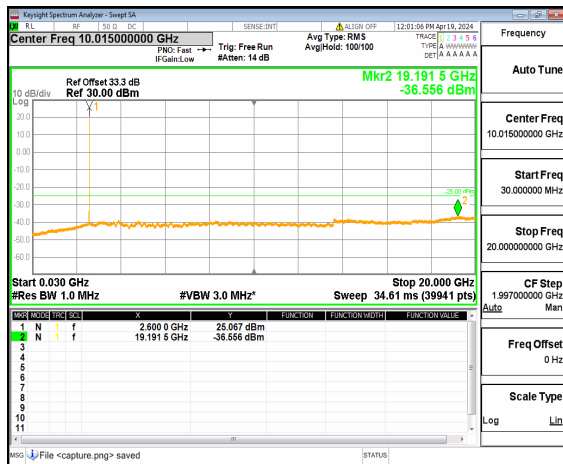
n41 (20GHz-27GHz) 15M DFT-s-OFDM
QPSK Inner_1RB_Right Low



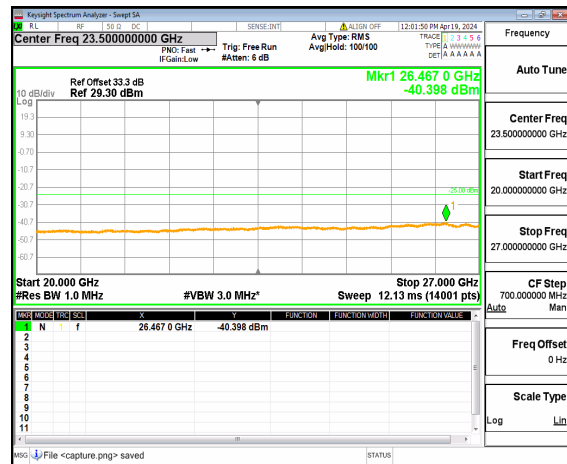
n41 (30MHz-20GHz) 15M DFT-s-OFDM
BPSK Inner_1RB_Left Mid



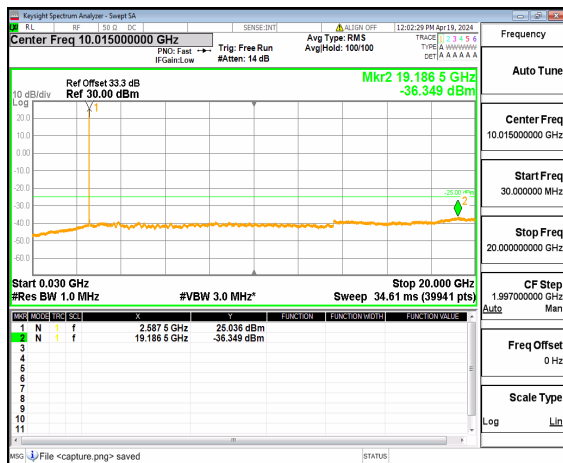
n41 (20GHz-27GHz) 15M DFT-s-OFDM
BPSK Inner_1RB_Left Mid



n41 (30MHz-20GHz) 15M DFT-s-OFDM
BPSK Inner_1RB_Right Mid



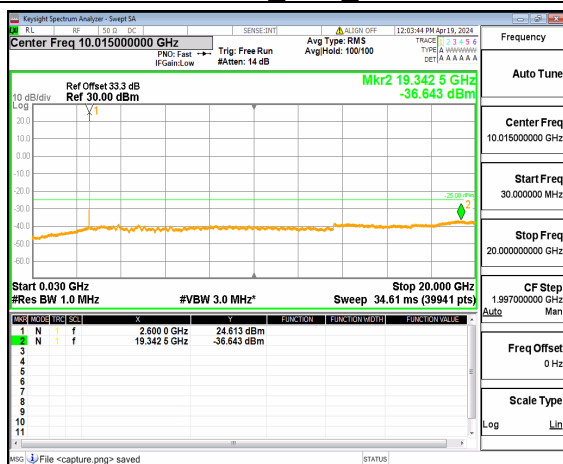
n41 (20GHz-27GHz) 15M DFT-s-OFDM
BPSK Inner_1RB_Right Mid



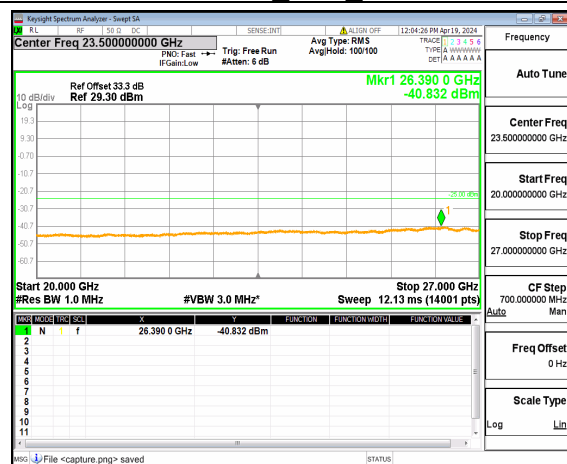
n41 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Inner_1RB_Left Mid



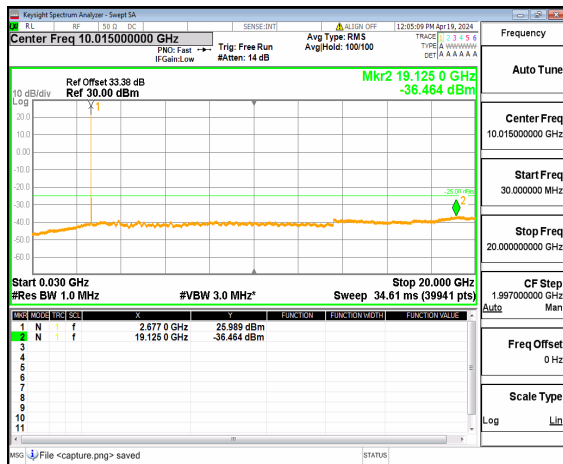
n41 (20GHz-27GHz) 15M DFT-s-OFDM
QPSK Inner_1RB_Left Mid



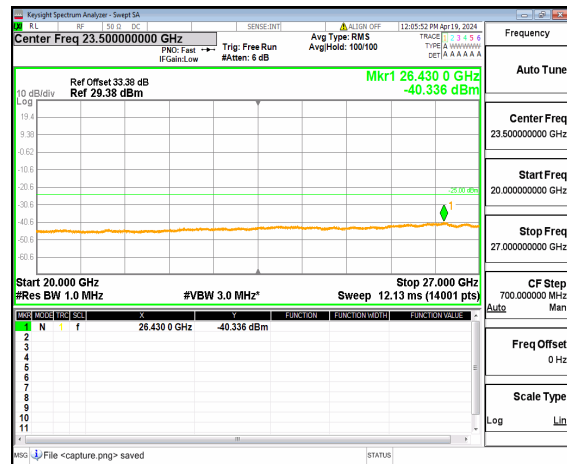
n41 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Inner_1RB_Right Mid



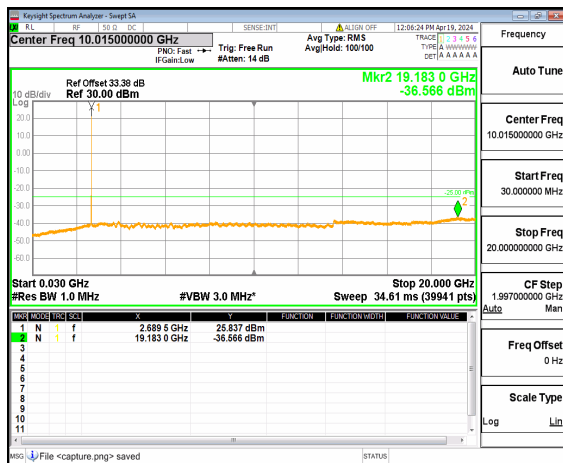
n41 (20GHz-27GHz) 15M DFT-s-OFDM
QPSK Inner_1RB_Right Mid



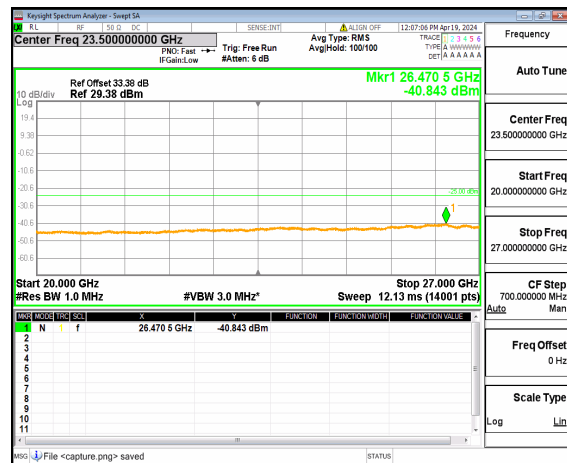
n41 (30MHz-20GHz) 15M DFT-s-OFDM
BPSK Inner_1RB_Left High



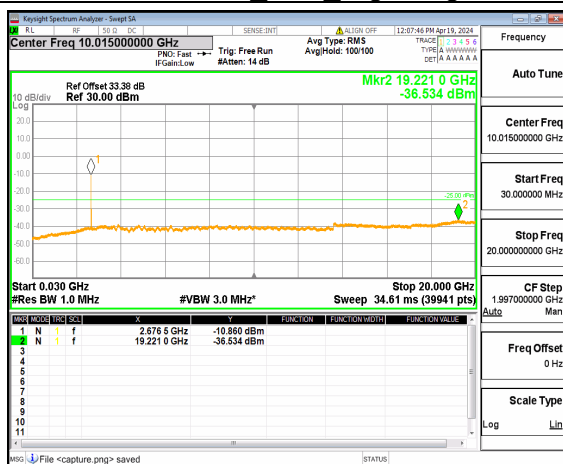
n41 (20GHz-27GHz) 15M DFT-s-OFDM
BPSK Inner_1RB_Left High



n41 (30MHz-20GHz) 15M DFT-s-OFDM
BPSK Inner_1RB_Right High



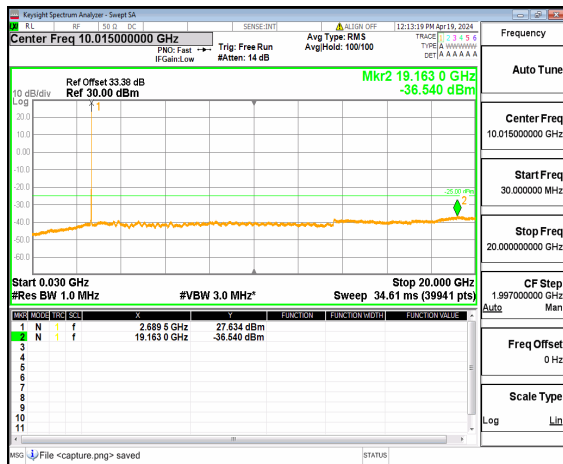
n41 (20GHz-27GHz) 15M DFT-s-OFDM
BPSK Inner_1RB_Right High



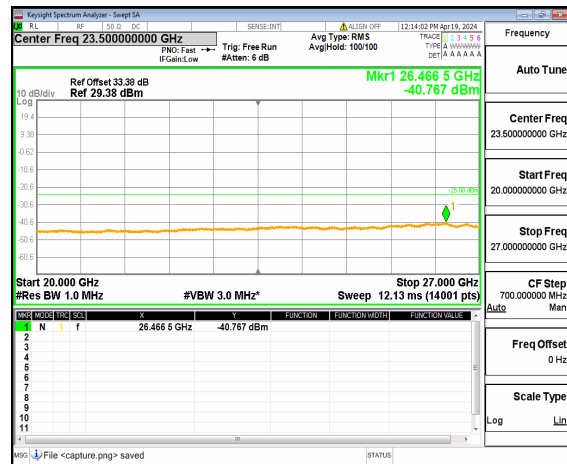
n41 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Inner_1RB_Left High



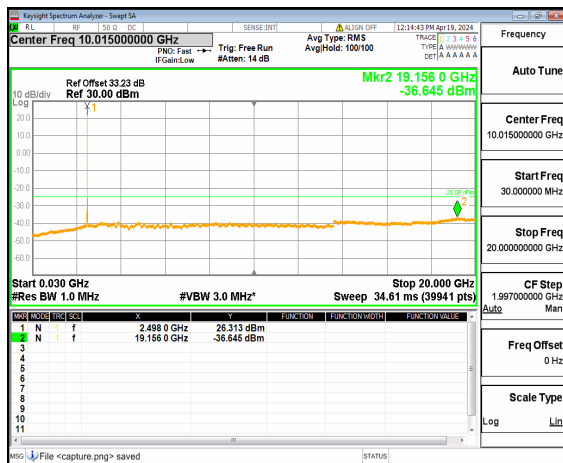
n41 (20GHz-27GHz) 15M DFT-s-OFDM
QPSK Inner_1RB_Left High



n41 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Inner 1RB Right High



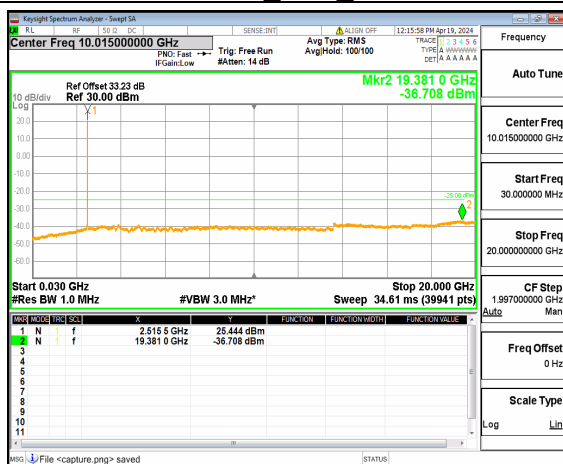
n41 (20GHz-27GHz) 15M DFT-s-OFDM
QPSK Inner 1RB Right High



n41 (30MHz-20GHz) 20M DFT-s-OFDM
BPSK Inner 1RB Left Low



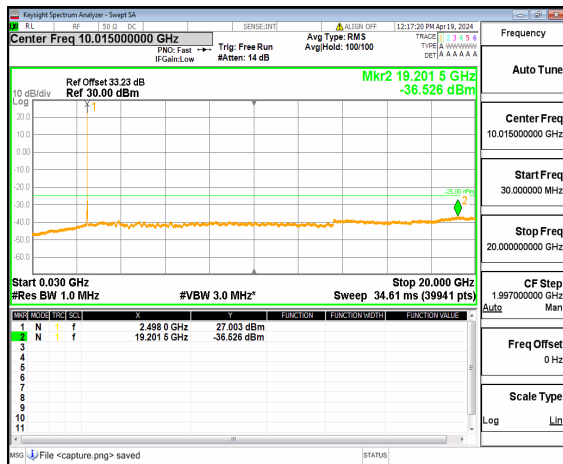
n41 (20GHz-27GHz) 20M DFT-s-OFDM
BPSK Inner 1RB Left Low



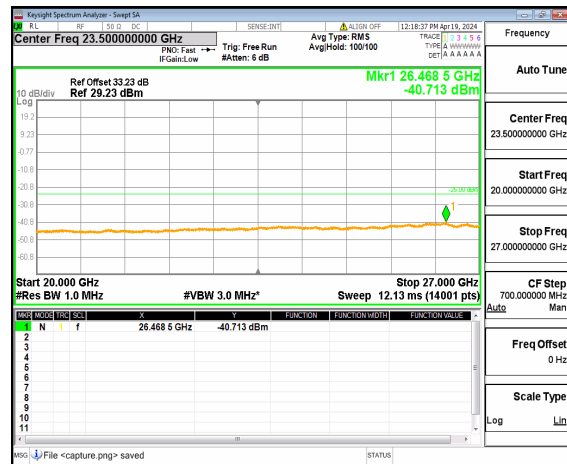
n41 (30MHz-20GHz) 20M DFT-s-OFDM
BPSK Inner 1RB Right Low



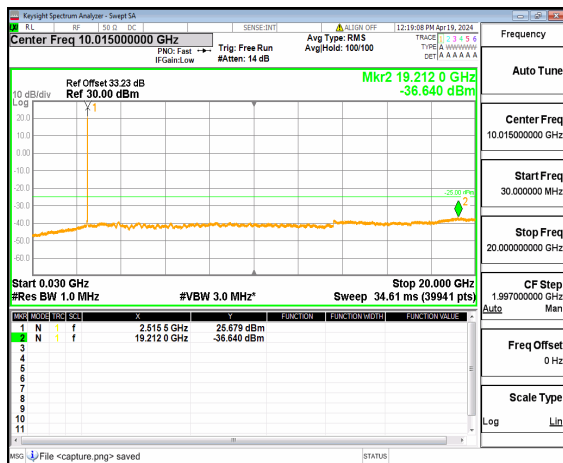
n41 (20GHz-27GHz) 20M DFT-s-OFDM
BPSK Inner 1RB Right Low



n41 (30MHz-20GHz) 20M DFT-s-OFDM
QPSK Inner_1RB_Left Low



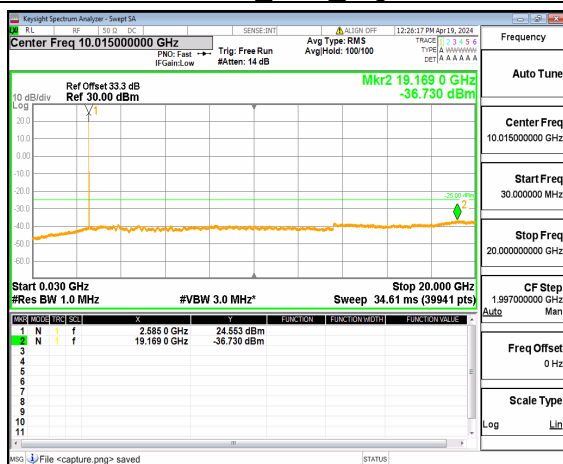
n41 (20GHz-27GHz) 20M DFT-s-OFDM
QPSK Inner_1RB_Left Low



n41 (30MHz-20GHz) 20M DFT-s-OFDM
QPSK Inner_1RB_Right Low



n41 (20GHz-27GHz) 20M DFT-s-OFDM
QPSK Inner_1RB_Right Low



n41 (30MHz-20GHz) 20M DFT-s-OFDM
BPSK Inner_1RB_Left Mid



n41 (20GHz-27GHz) 20M DFT-s-OFDM
BPSK Inner_1RB_Left Mid