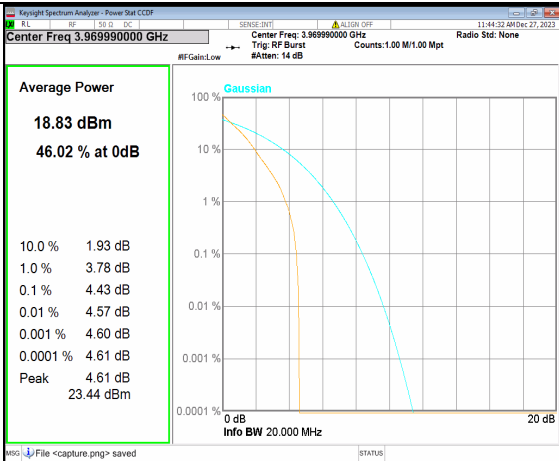
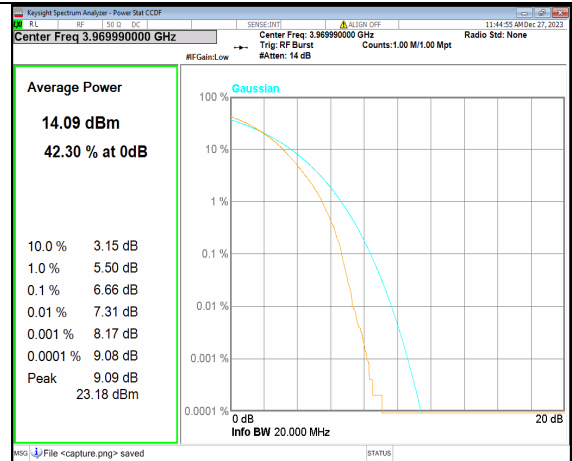
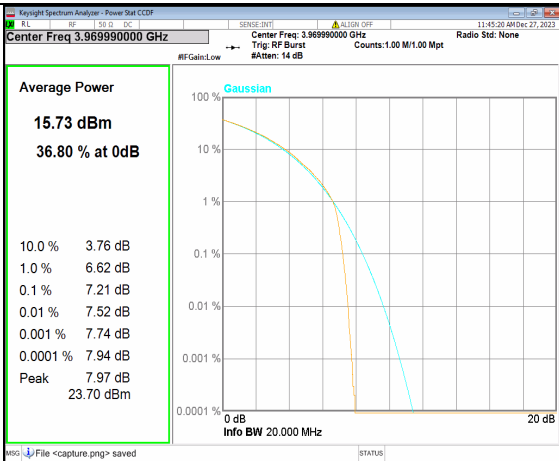




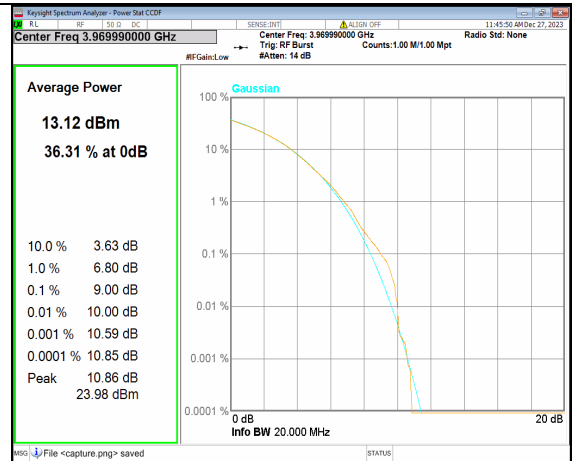
2A_n77(3700-3980MHz) 20M DFT-s-OFDM BPSK Outer_Full High



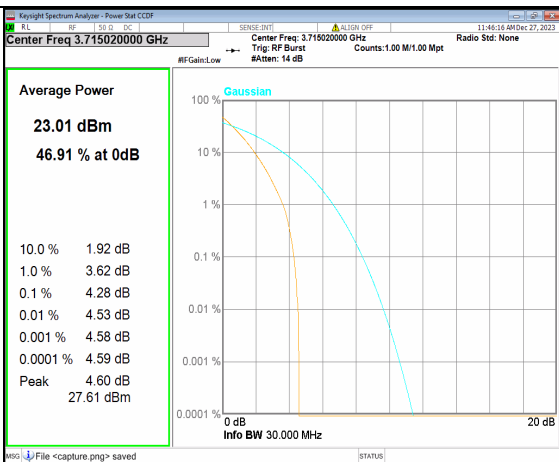
2A_n77(3700-3980MHz) 20M DFT-s-OFDM 256QAM Outer_Full High



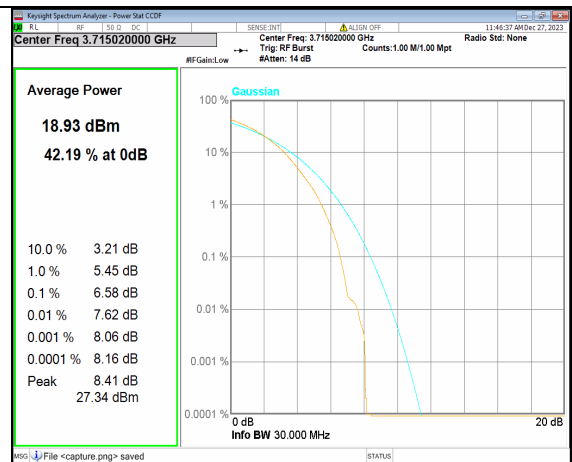
2A_n77(3700-3980MHz) 20M CP-OFDM QPSK Outer_Full High



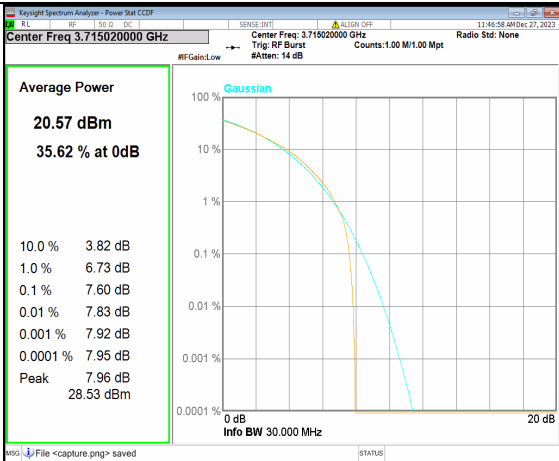
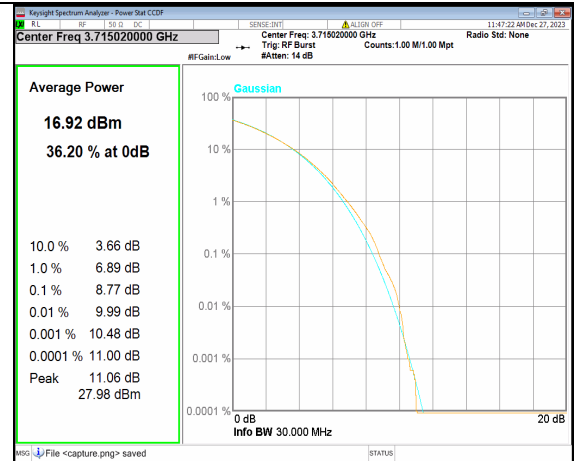
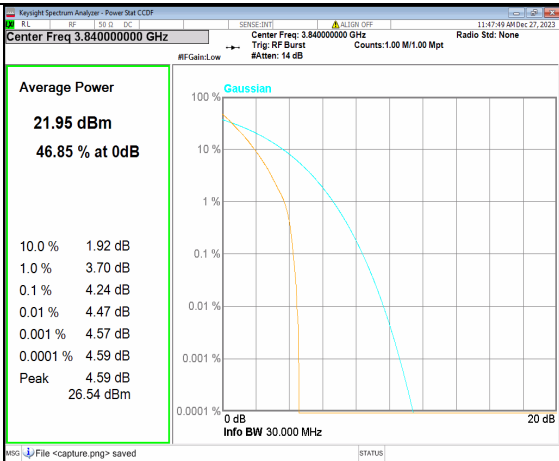
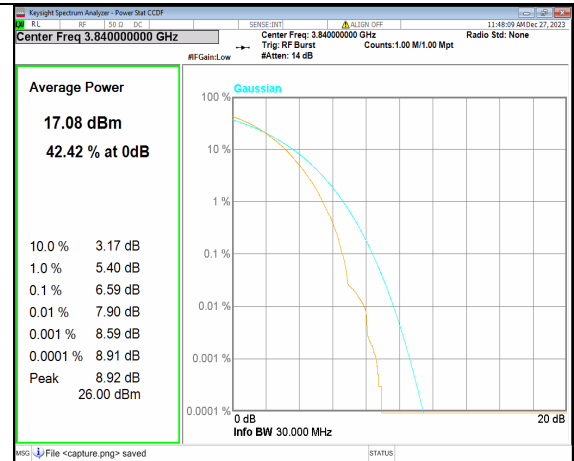
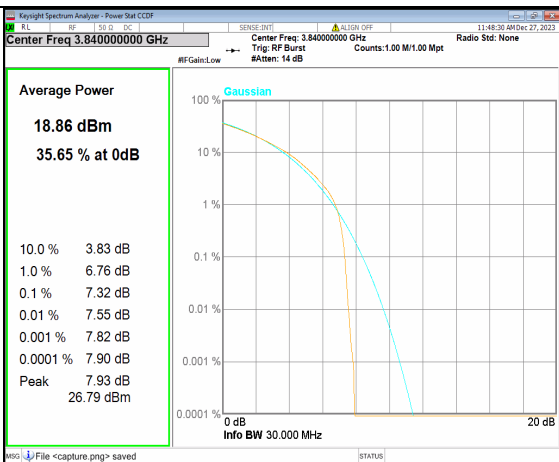
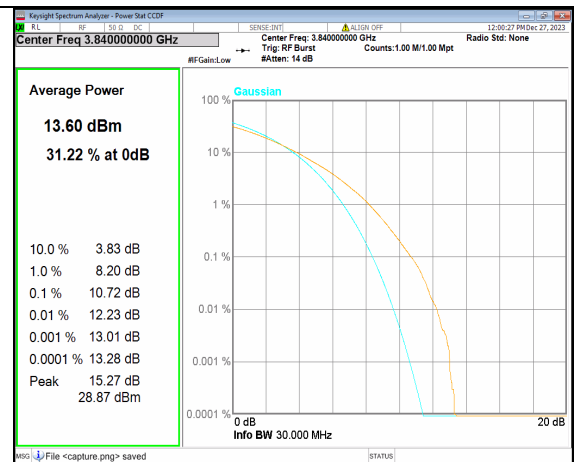
2A_n77(3700-3980MHz) 20M CP-OFDM 256QAM Outer_Full High



2A_n77(3700-3980MHz) 30M DFT-s-OFDM BPSK Outer_Full Low

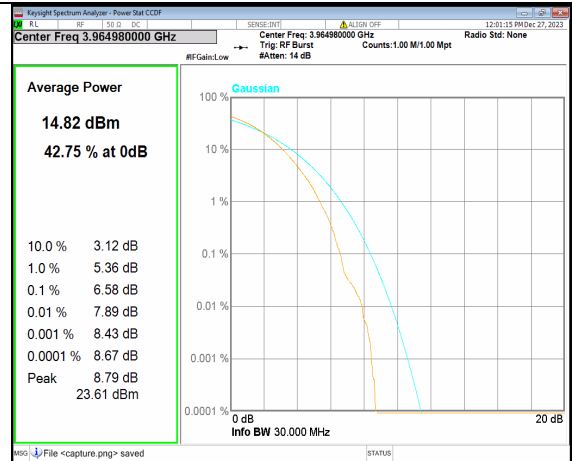


2A_n77(3700-3980MHz) 30M DFT-s-OFDM 256QAM Outer_Full Low

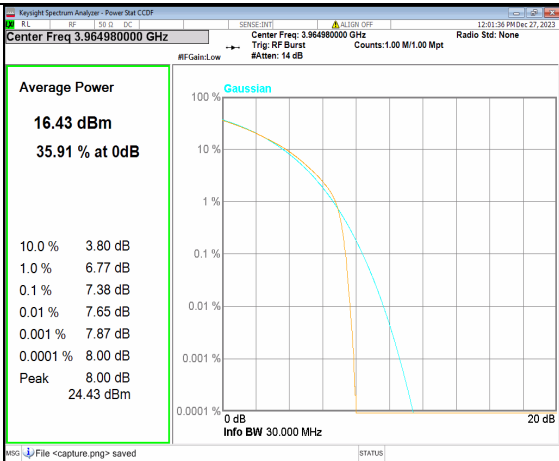

2A_n77(3700-3980MHz) 30M CP-OFDM QPSK
Outer_Full Low

2A_n77(3700-3980MHz) 30M CP-OFDM
256QAM Outer_Full Low

2A_n77(3700-3980MHz) 30M DFT-s-OFDM
BPSK Outer_Full Mid

2A_n77(3700-3980MHz) 30M DFT-s-OFDM
256QAM Outer_Full Mid

2A_n77(3700-3980MHz) 30M CP-OFDM QPSK
Outer_Full Mid

2A_n77(3700-3980MHz) 30M CP-OFDM
256QAM Outer_Full Mid



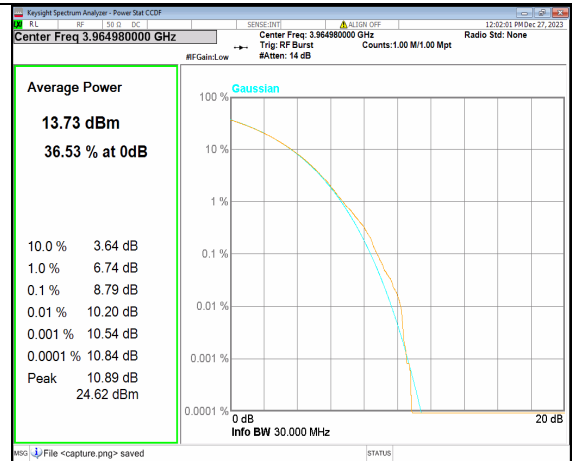
2A_n77(3700-3980MHz) 30M DFT-s-OFDM BPSK Outer_Full High



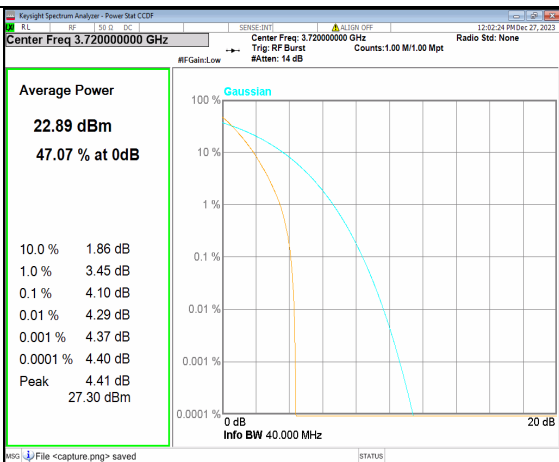
2A_n77(3700-3980MHz) 30M DFT-s-OFDM 256QAM Outer_Full High



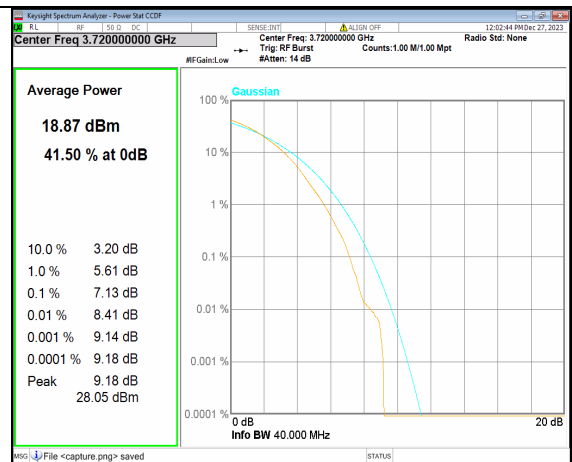
2A_n77(3700-3980MHz) 30M CP-OFDM QPSK Outer_Full High



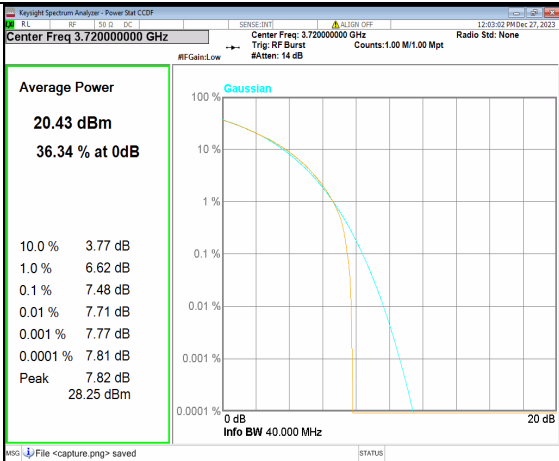
2A_n77(3700-3980MHz) 30M CP-OFDM 256QAM Outer_Full High



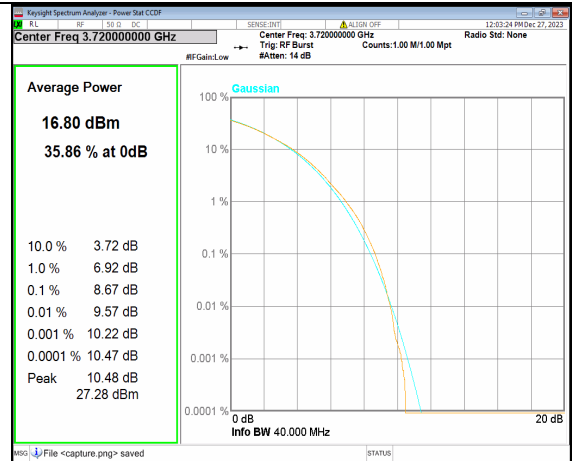
2A_n77(3700-3980MHz) 40M DFT-s-OFDM BPSK Outer_Full Low



2A_n77(3700-3980MHz) 40M DFT-s-OFDM 256QAM Outer_Full Low



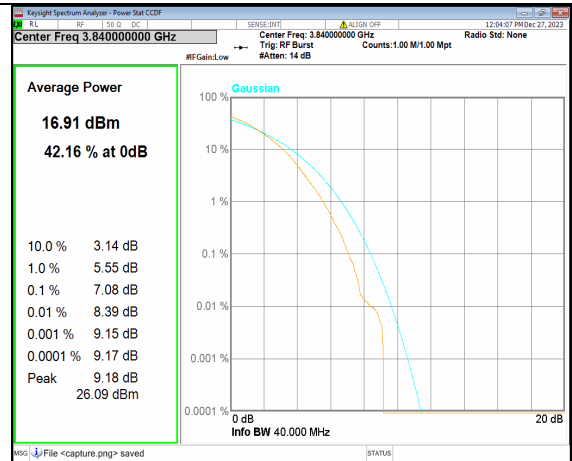
2A_n77(3700-3980MHz) 40M CP-OFDM QPSK
Outer_Full Low



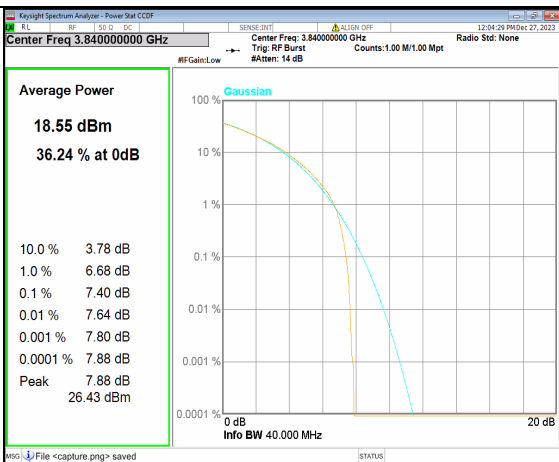
2A_n77(3700-3980MHz) 40M CP-OFDM
256QAM Outer_Full Low



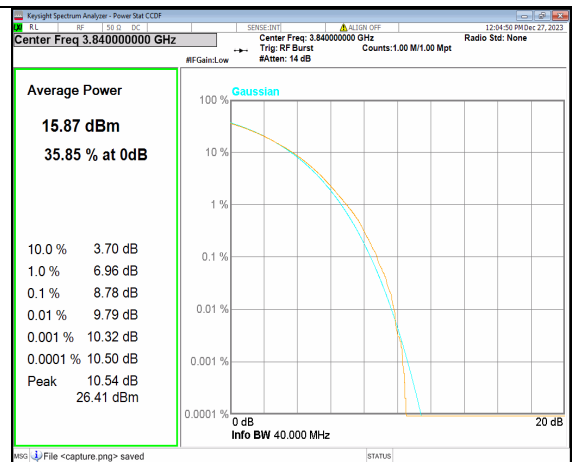
2A_n77(3700-3980MHz) 40M DFT-s-OFDM
BPSK Outer_Full Mid



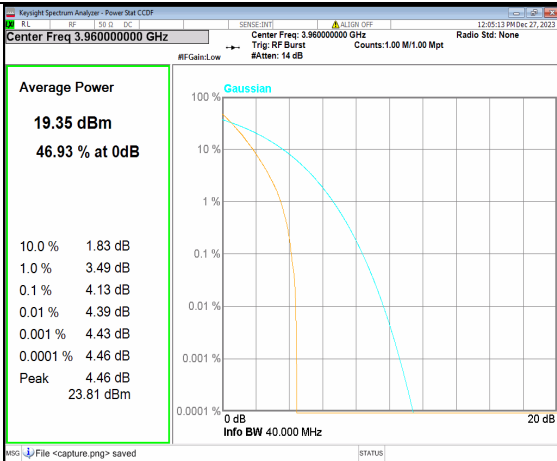
2A_n77(3700-3980MHz) 40M DFT-s-OFDM
256QAM Outer_Full Mid



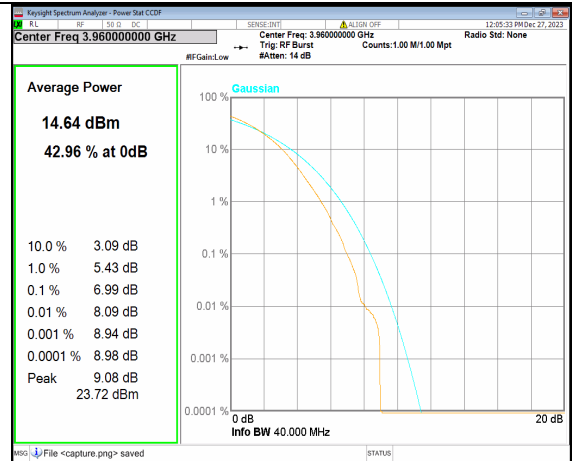
2A_n77(3700-3980MHz) 40M CP-OFDM QPSK
Outer_Full Mid



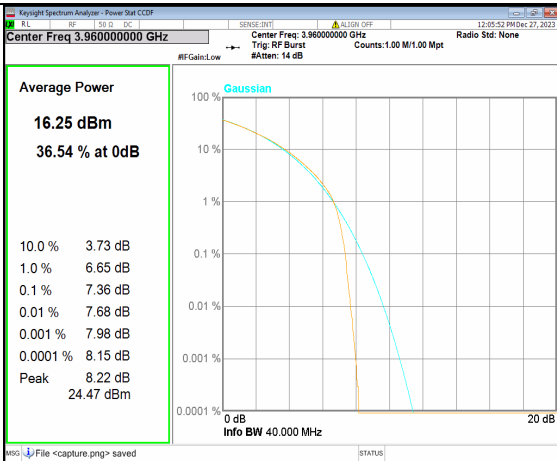
2A_n77(3700-3980MHz) 40M CP-OFDM
256QAM Outer_Full Mid



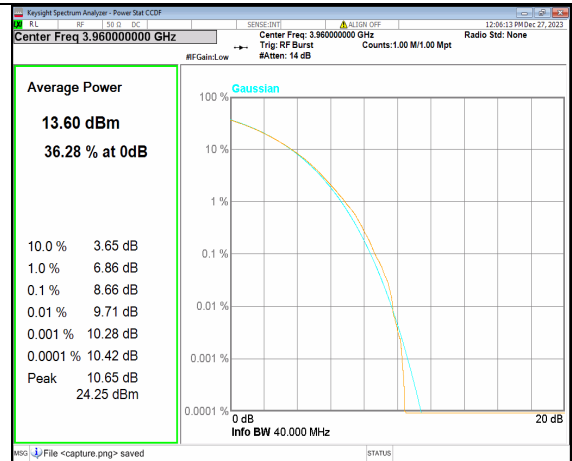
2A_n77(3700-3980MHz) 40M DFT-s-OFDM BPSK Outer_Full High



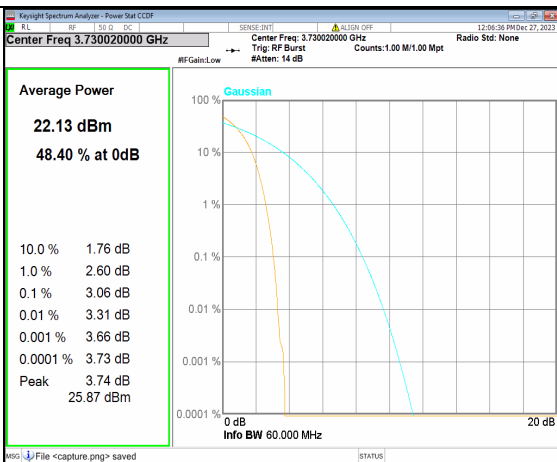
2A_n77(3700-3980MHz) 40M DFT-s-OFDM 256QAM Outer_Full High



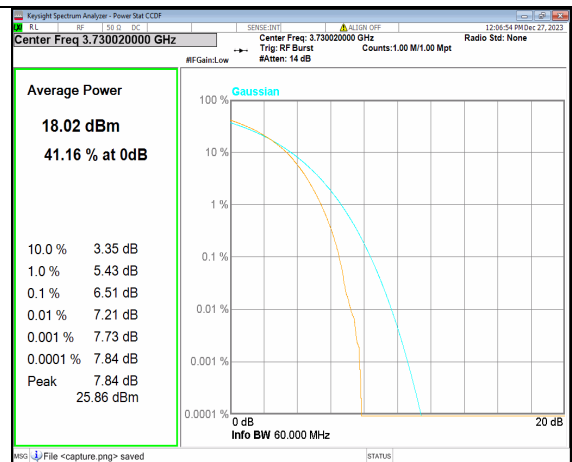
2A_n77(3700-3980MHz) 40M CP-OFDM QPSK Outer_Full High



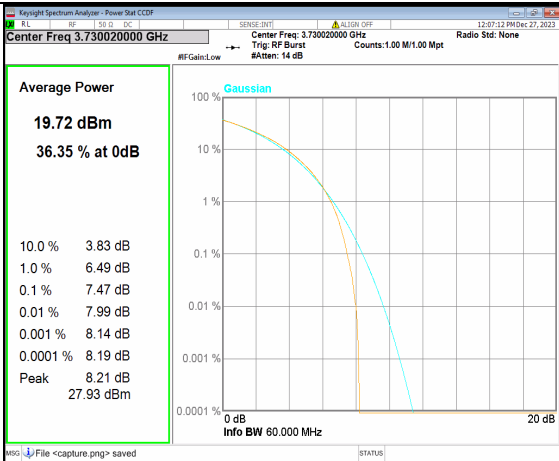
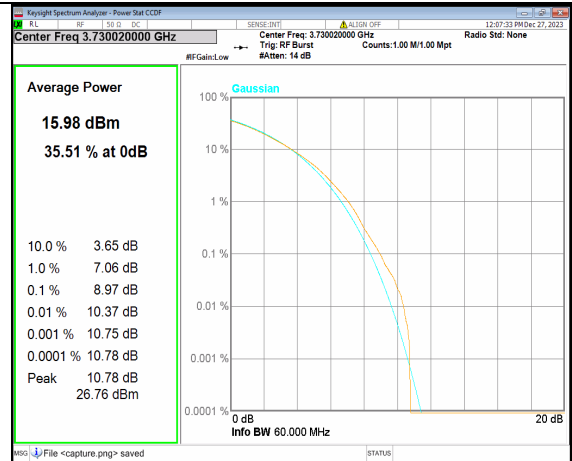
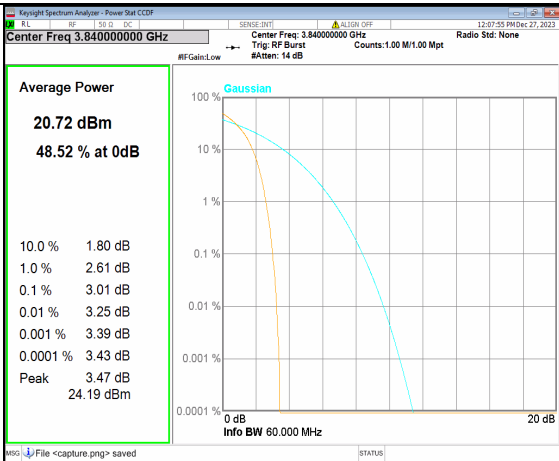
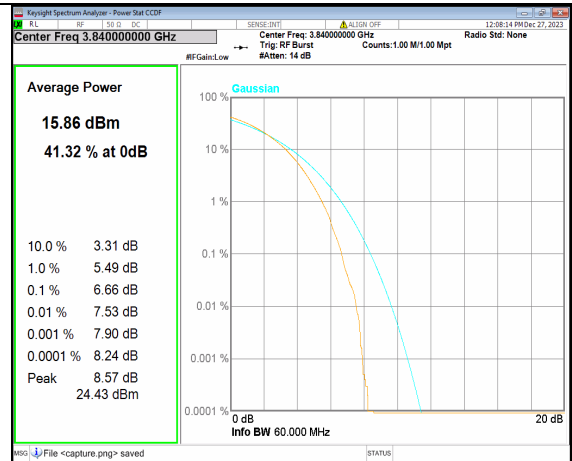
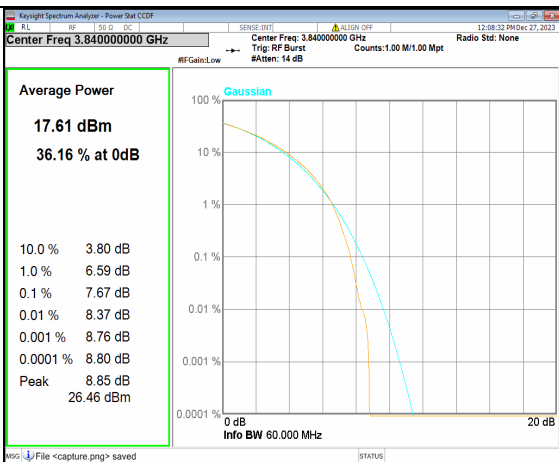
2A_n77(3700-3980MHz) 40M CP-OFDM 256QAM Outer_Full High



2A_n77(3700-3980MHz) 60M DFT-s-OFDM BPSK Outer_Full Low



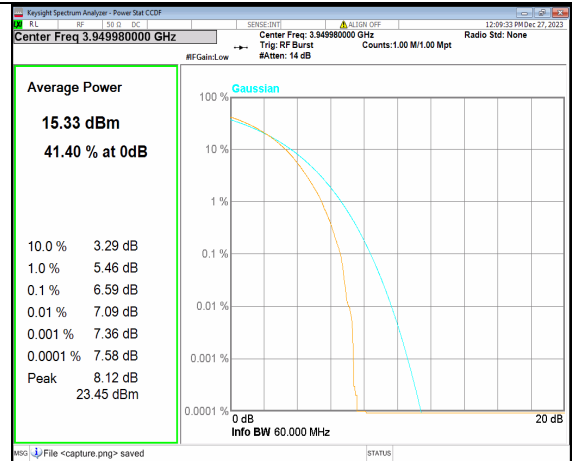
2A_n77(3700-3980MHz) 60M DFT-s-OFDM 256QAM Outer_Full Low


2A_n77(3700-3980MHz) 60M CP-OFDM QPSK
Outer_Full Low

2A_n77(3700-3980MHz) 60M CP-OFDM
256QAM Outer_Full Low

2A_n77(3700-3980MHz) 60M DFT-s-OFDM
BPSK Outer_Full Mid

2A_n77(3700-3980MHz) 60M DFT-s-OFDM
256QAM Outer_Full Mid

2A_n77(3700-3980MHz) 60M CP-OFDM QPSK
Outer_Full Mid

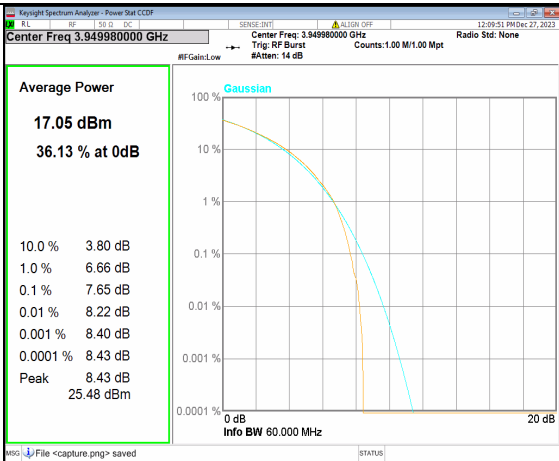
2A_n77(3700-3980MHz) 60M CP-OFDM
256QAM Outer_Full Mid



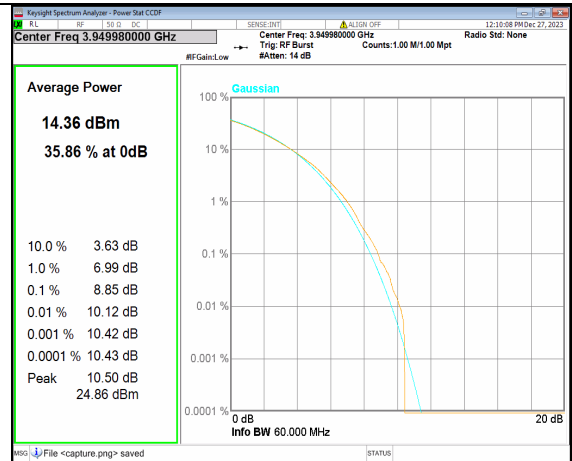
2A_n77(3700-3980MHz) 60M DFT-s-OFDM BPSK Outer_Full High



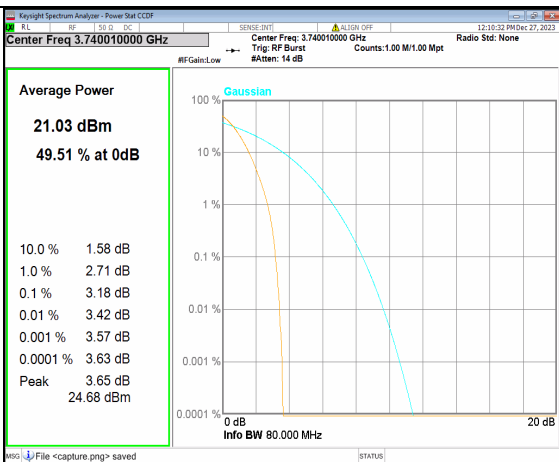
2A_n77(3700-3980MHz) 60M DFT-s-OFDM 256QAM Outer_Full High



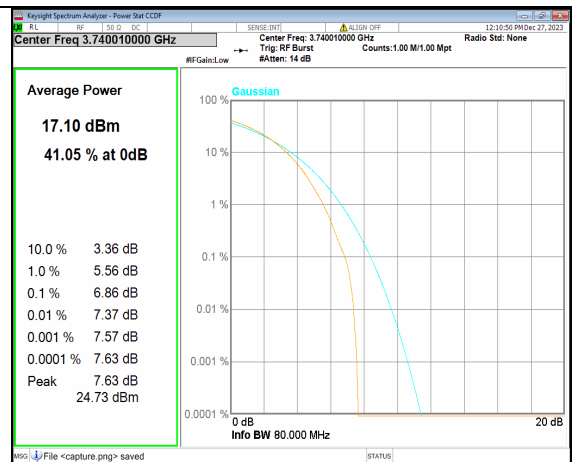
2A_n77(3700-3980MHz) 60M CP-OFDM QPSK Outer_Full High



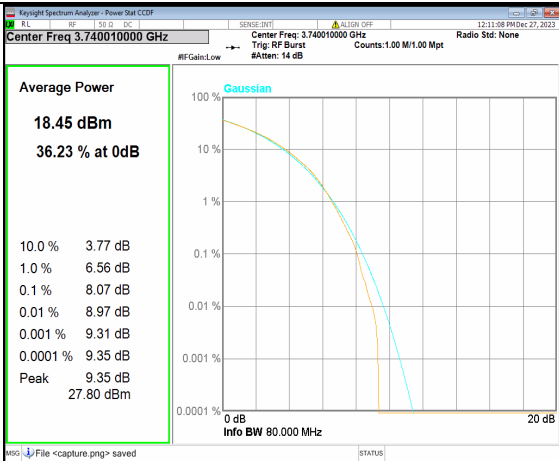
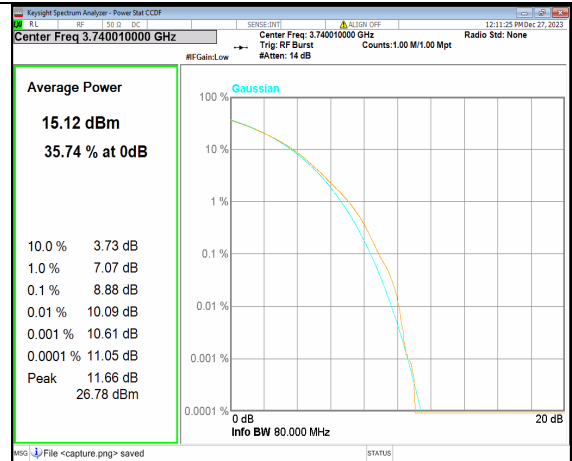
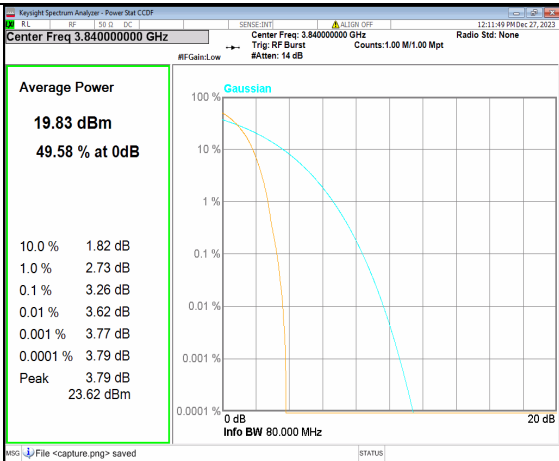
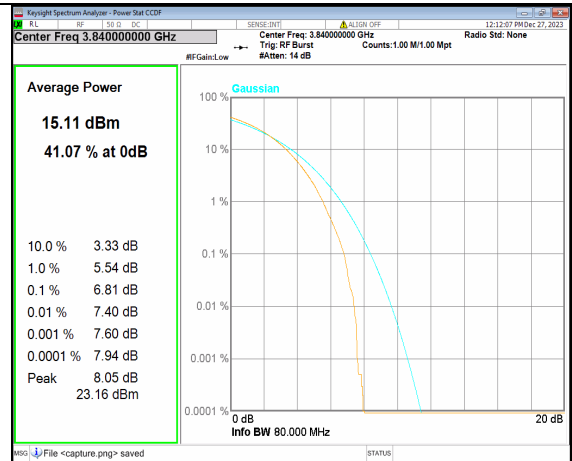
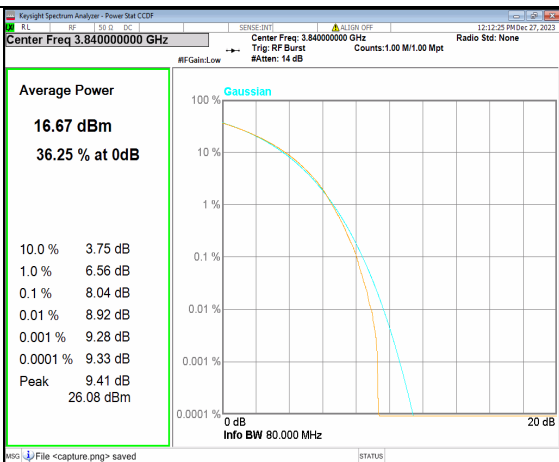
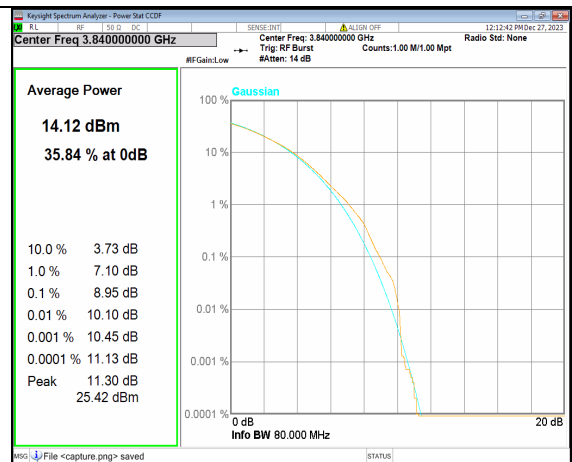
2A_n77(3700-3980MHz) 60M CP-OFDM 256QAM Outer_Full High

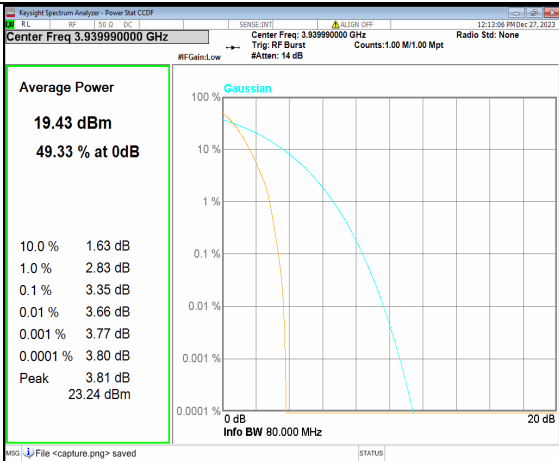


2A_n77(3700-3980MHz) 80M DFT-s-OFDM BPSK Outer_Full Low

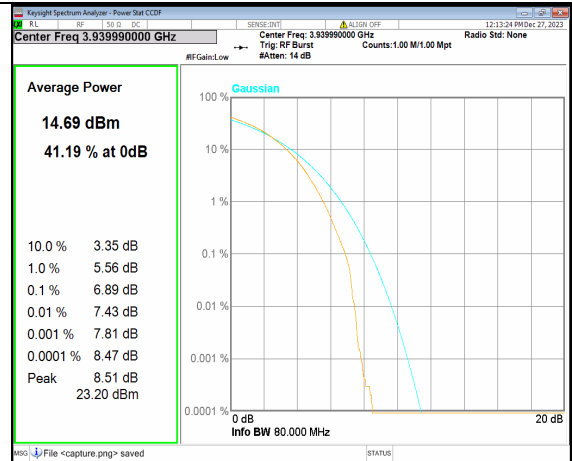


2A_n77(3700-3980MHz) 80M DFT-s-OFDM 256QAM Outer_Full Low

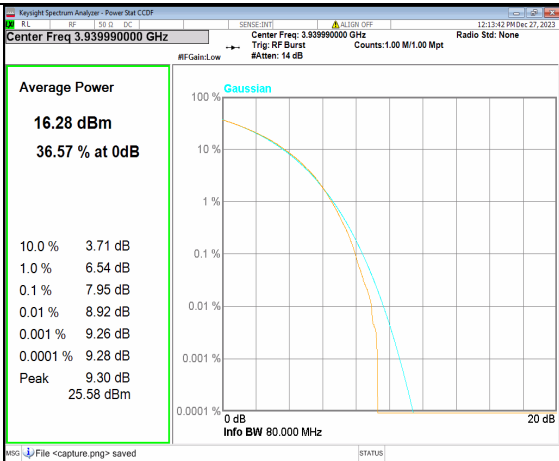

2A_n77(3700-3980MHz) 80M CP-OFDM QPSK
Outer_Full Low

2A_n77(3700-3980MHz) 80M CP-OFDM
256QAM Outer_Full Low

2A_n77(3700-3980MHz) 80M DFT-s-OFDM
BPSK Outer_Full Mid

2A_n77(3700-3980MHz) 80M DFT-s-OFDM
256QAM Outer_Full Mid

2A_n77(3700-3980MHz) 80M CP-OFDM QPSK
Outer_Full Mid

2A_n77(3700-3980MHz) 80M CP-OFDM
256QAM Outer_Full Mid



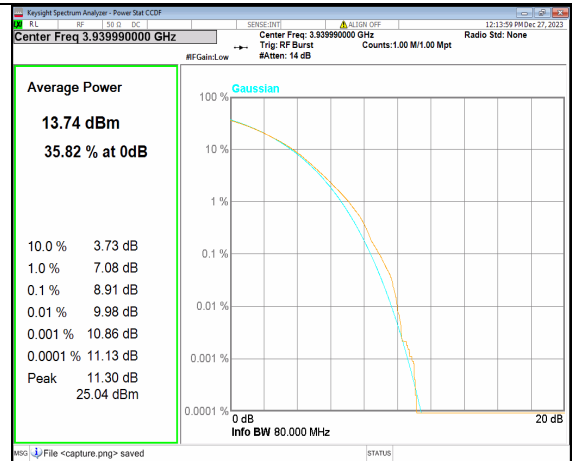
2A_n77(3700-3980MHz) 80M DFT-s-OFDM BPSK Outer_Full High



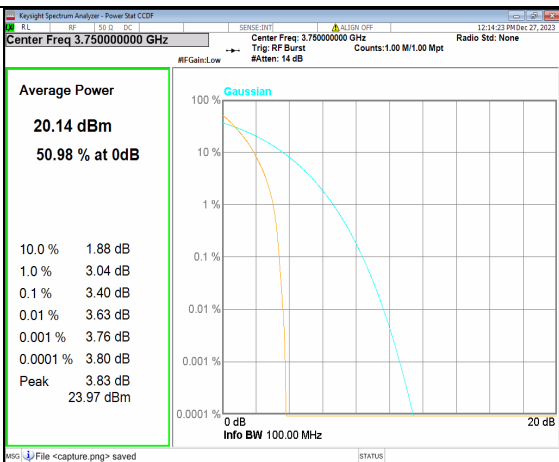
2A_n77(3700-3980MHz) 80M DFT-s-OFDM 256QAM Outer_Full High



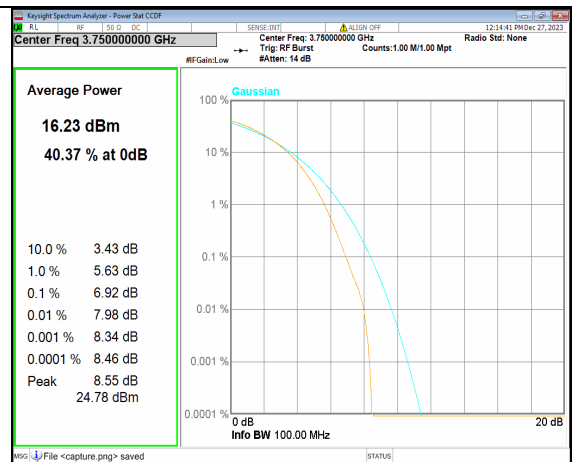
2A_n77(3700-3980MHz) 80M CP-OFDM QPSK Outer_Full High



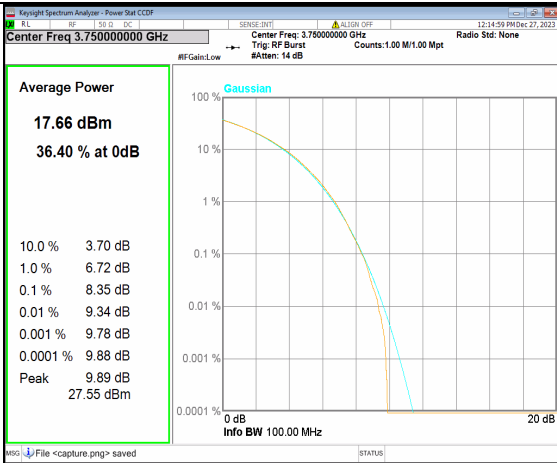
2A_n77(3700-3980MHz) 80M CP-OFDM 256QAM Outer_Full High



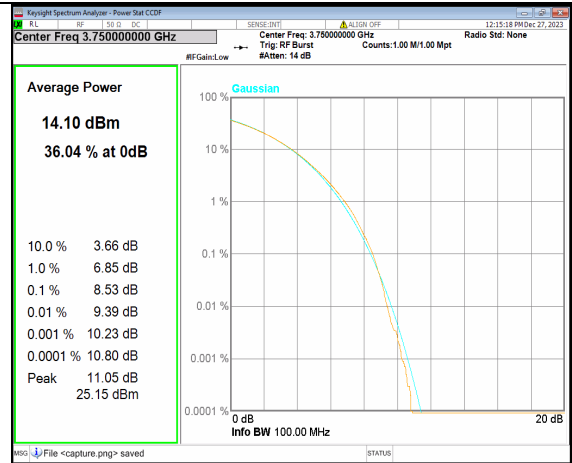
2A_n77(3700-3980MHz) 100M DFT-s-OFDM BPSK Outer_Full Low



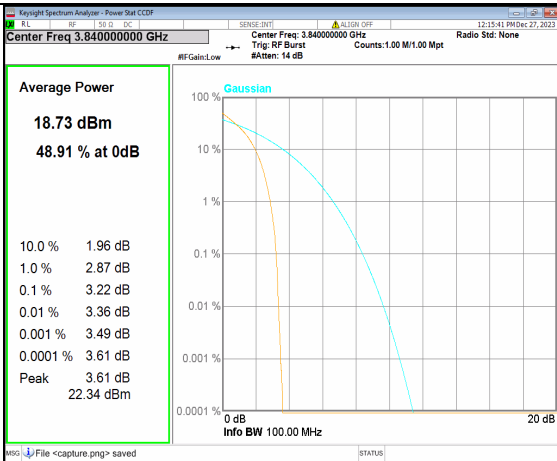
2A_n77(3700-3980MHz) 100M DFT-s-OFDM 256QAM Outer_Full Low



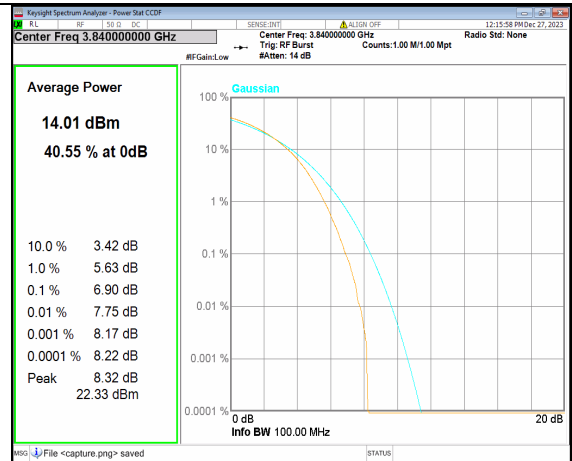
2A_n77(3700-3980MHz) 100M CP-OFDM QPSK Outer_Full Low



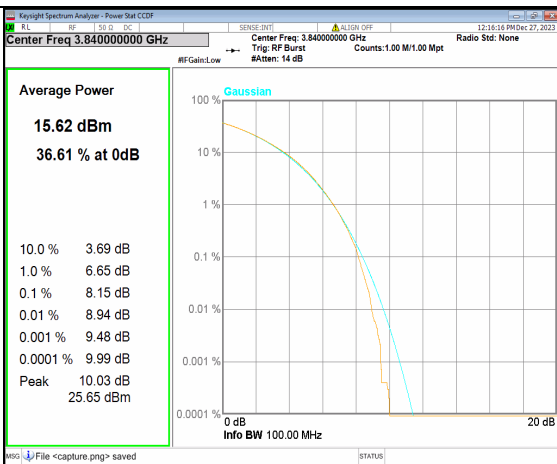
2A_n77(3700-3980MHz) 100M CP-OFDM 256QAM Outer_Full Low



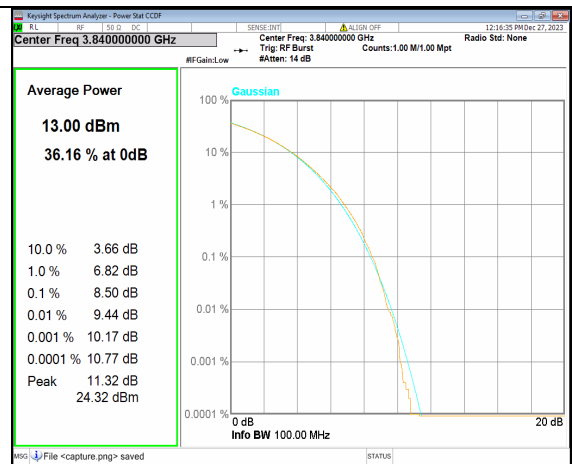
2A_n77(3700-3980MHz) 100M DFT-s-OFDM BPSK Outer_Full Mid



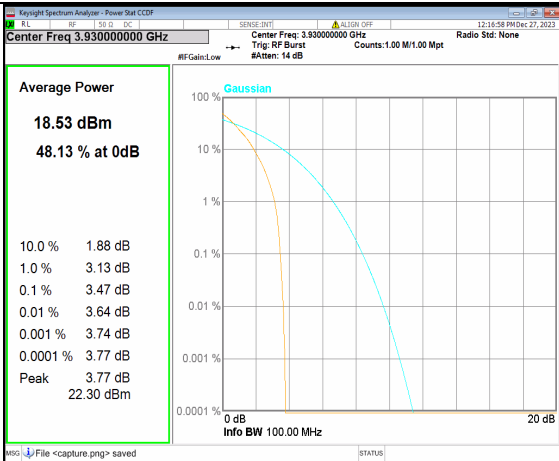
2A_n77(3700-3980MHz) 100M DFT-s-OFDM 256QAM Outer_Full Mid



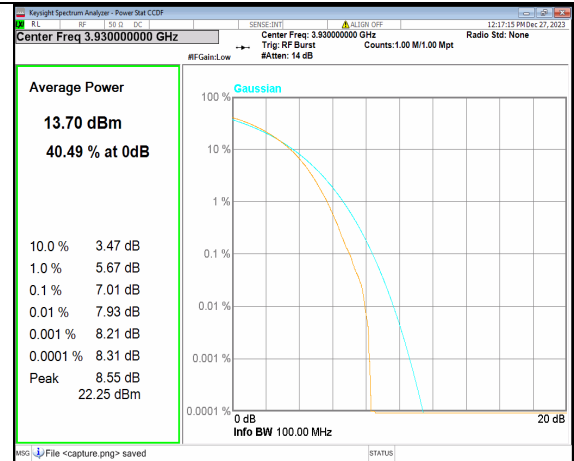
2A_n77(3700-3980MHz) 100M CP-OFDM QPSK Outer_Full Mid



2A_n77(3700-3980MHz) 100M CP-OFDM 256QAM Outer_Full Mid



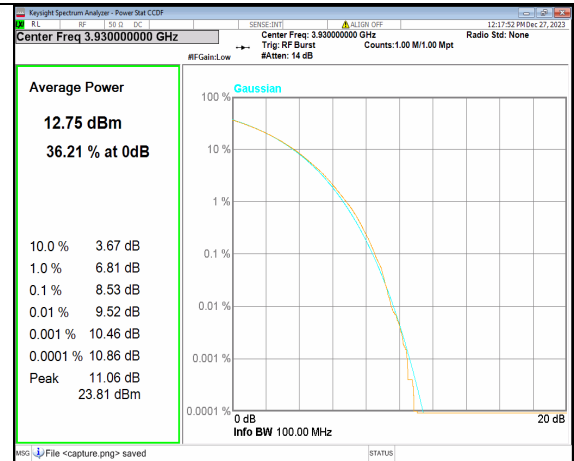
2A_n77(3700-3980MHz) 100M DFT-s-OFDM
BPSK Outer_Full High



2A_n77(3700-3980MHz) 100M DFT-s-OFDM
256QAM Outer_Full High



2A_n77(3700-3980MHz) 100M CP-OFDM
QPSK Outer_Full High



2A_n77(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 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.

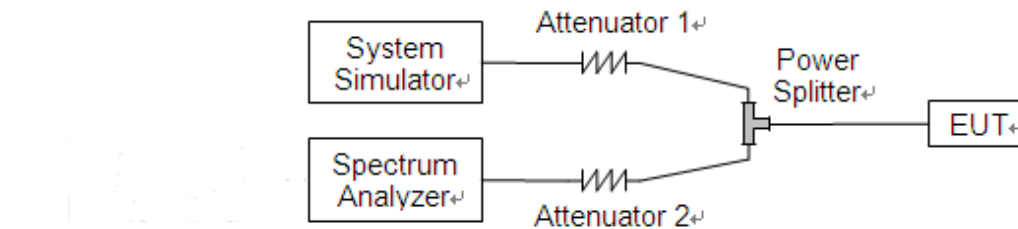
Additional to FCC section 22.917(a) for n5, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. This calculated to be -13dBm.

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

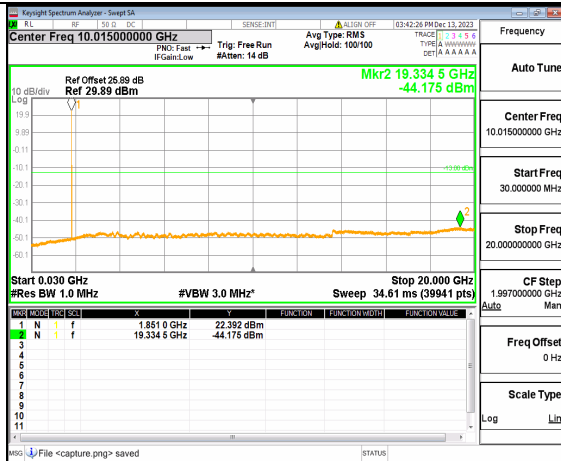


The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum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

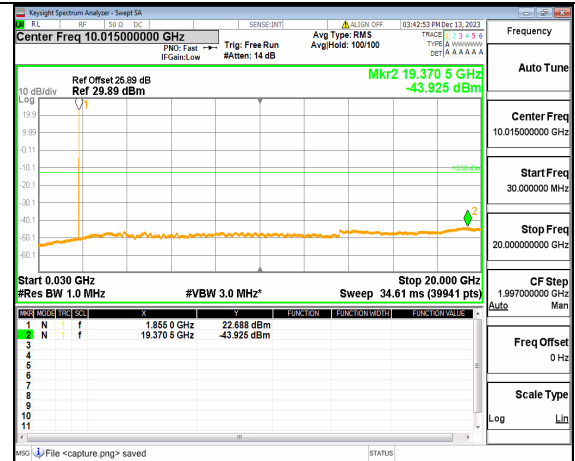
2.5.3. Test procedure

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

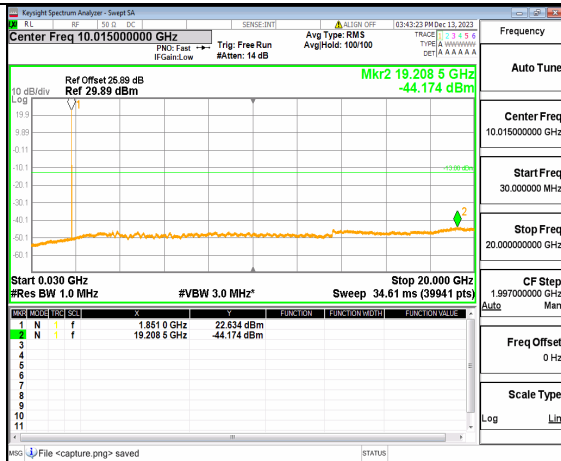
2.5.4. Test Result



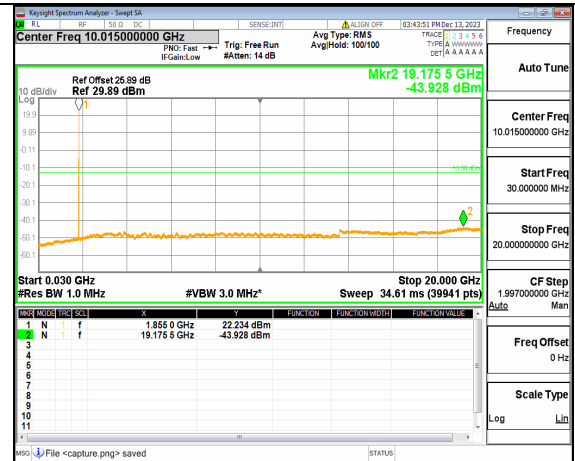
5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM
BPSK Inner_1RB_Left Low



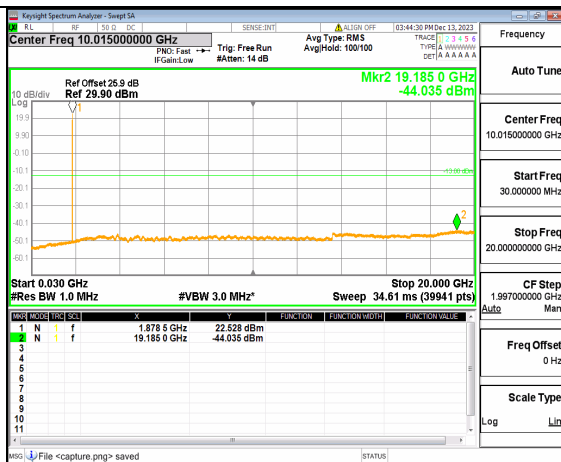
5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM BPSK
Inner_1RB_Right Low



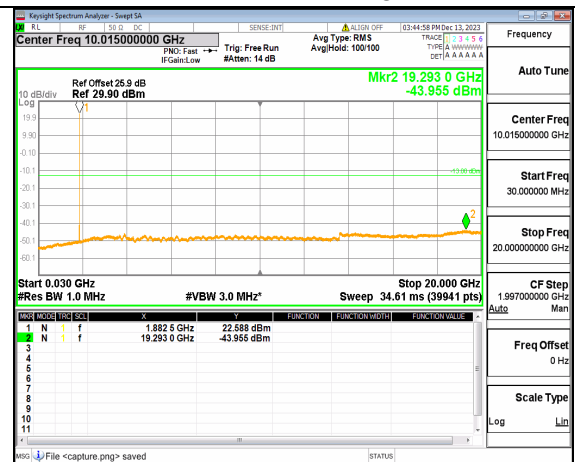
5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM
QPSK Inner_1RB_Left Low



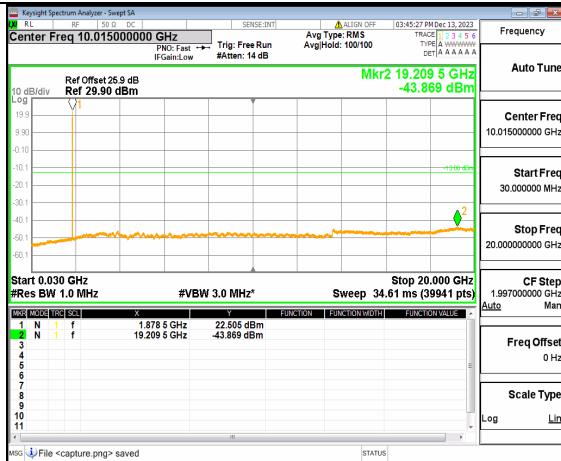
5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM
QPSK Inner_1RB_Right Low



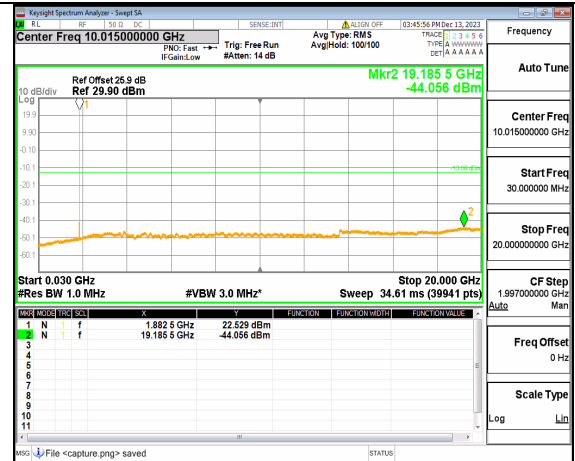
5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM
BPSK Inner_1RB_Left Mid



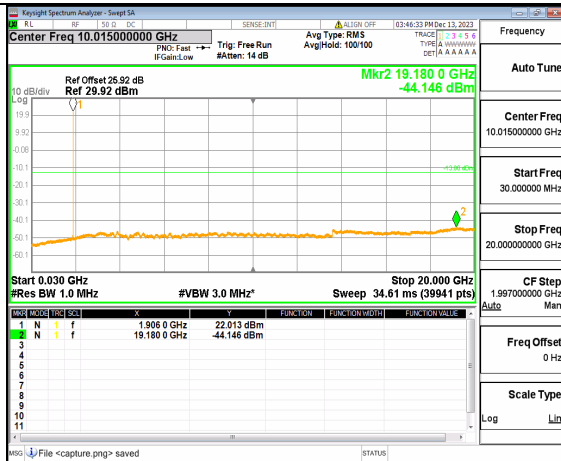
5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM BPSK
Inner_1RB_Right Mid



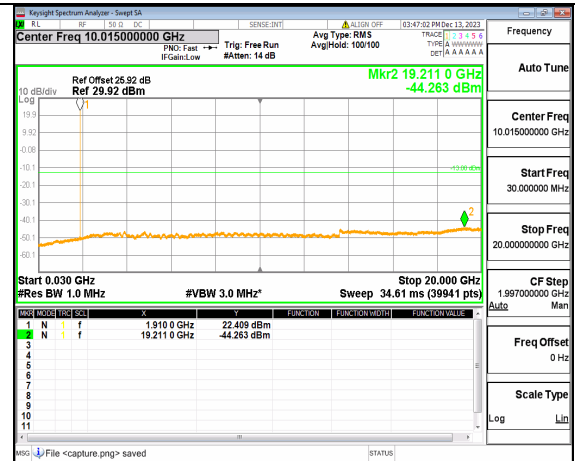
5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM
QPSK Inner_1RB_Left Mid



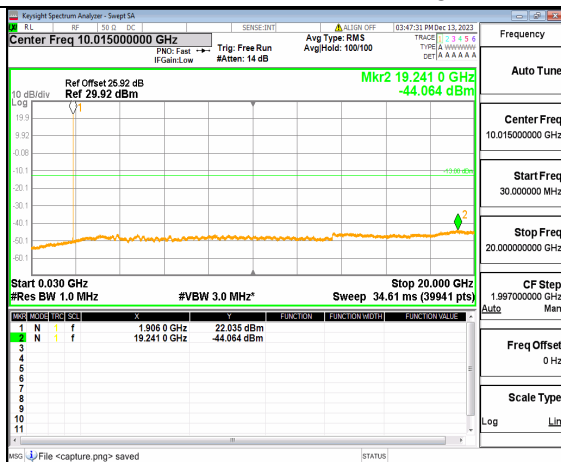
5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM
QPSK Inner_1RB_Right Mid



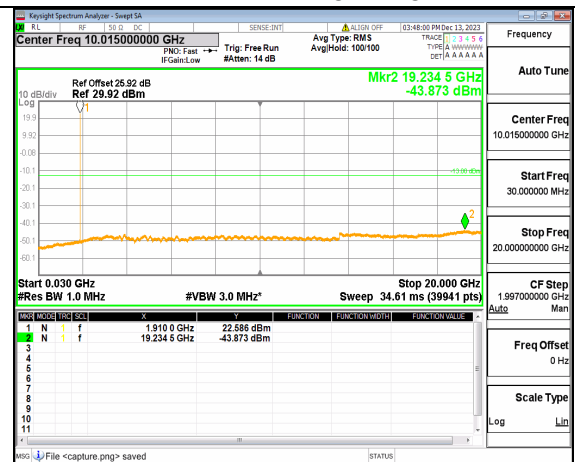
5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM
BPSK Inner_1RB_Left High



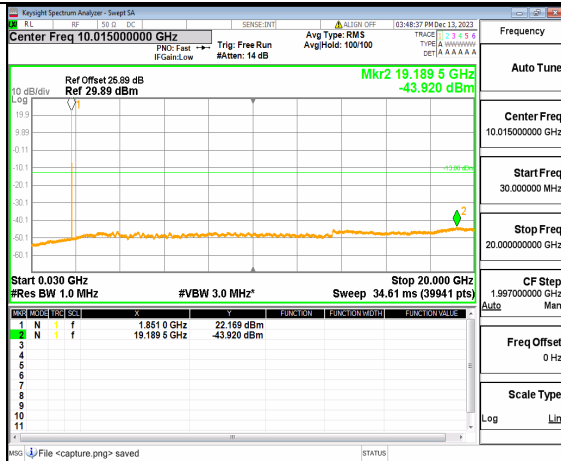
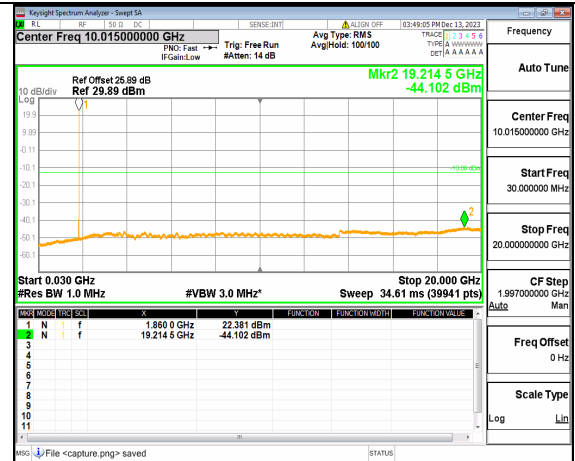
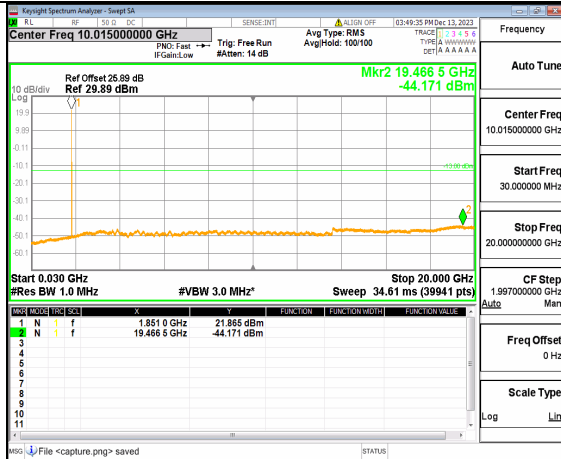
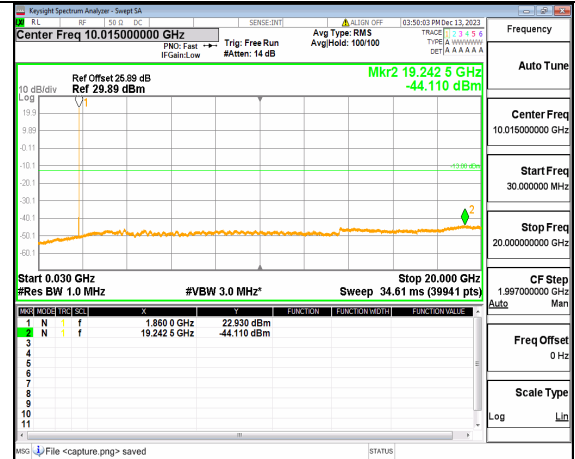
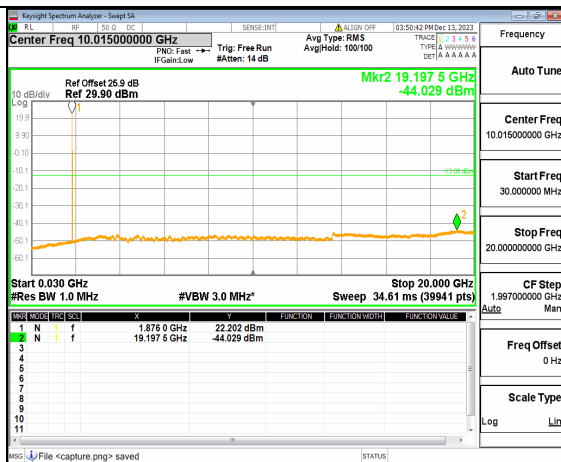
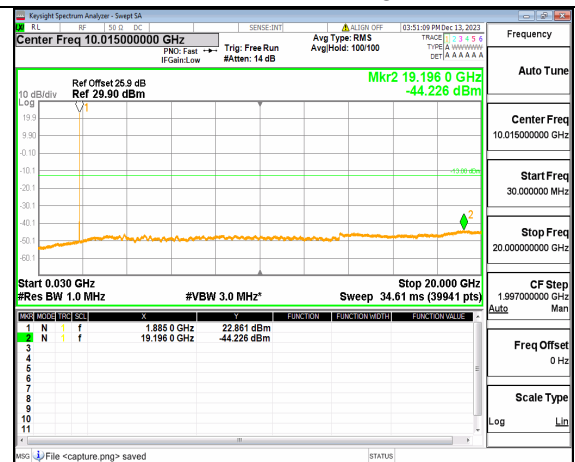
5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM BPSK
Inner_1RB_Right High

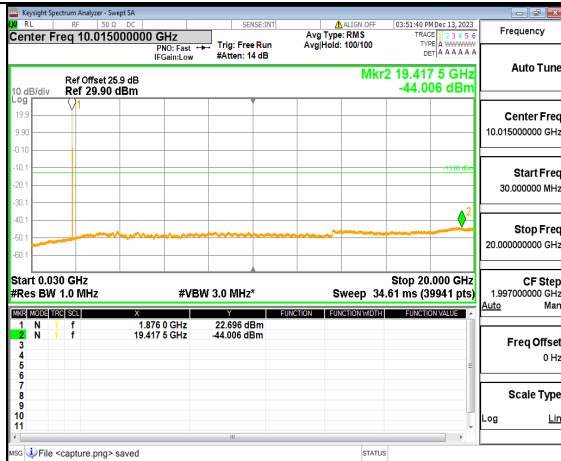


5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM
QPSK Inner_1RB_Left High

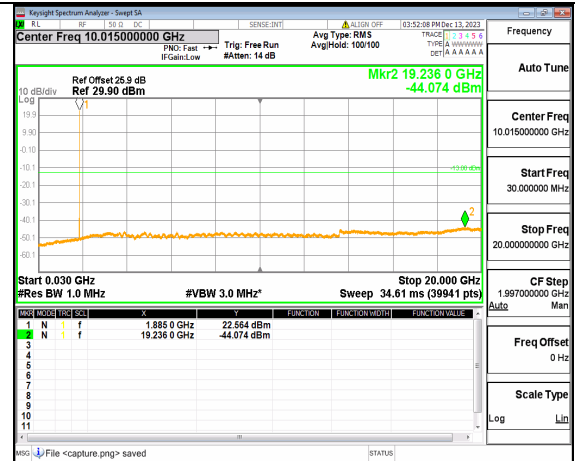


5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM
QPSK Inner_1RB_Right High

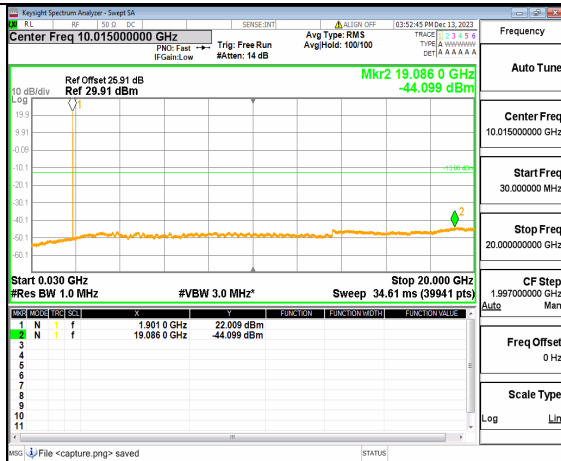
5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM
BPSK Inner_1RB_Left Low5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM
BPSK Inner_1RB_Right Low5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Inner_1RB_Left Low5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Inner_1RB_Right Low5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM
BPSK Inner_1RB_Left Mid5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM
BPSK Inner_1RB_Right Mid



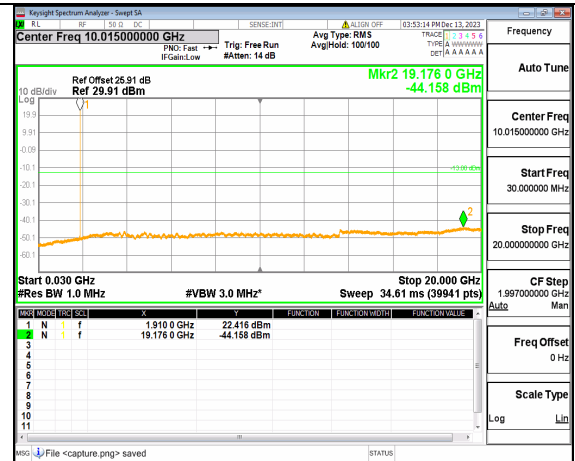
5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Inner_1RB_Left Mid



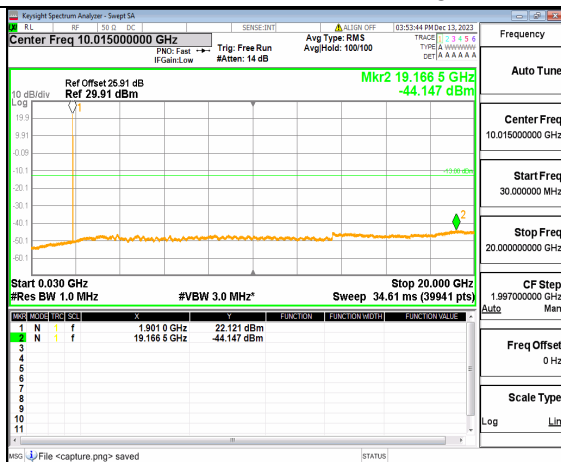
5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Inner_1RB_Right Mid



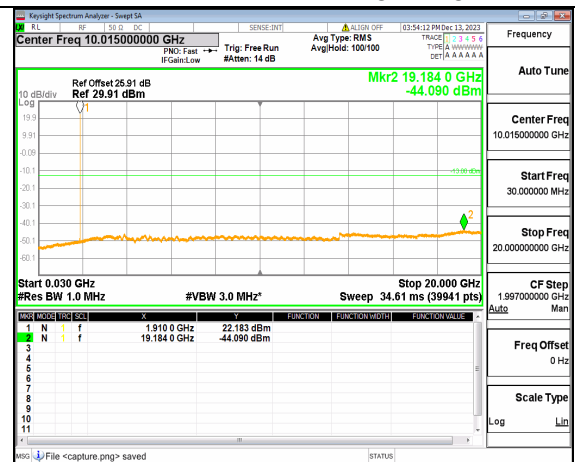
5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM
BPSK Inner_1RB_Left High



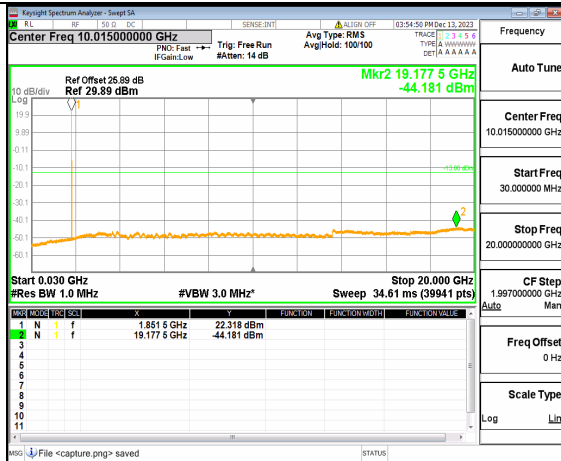
5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM
BPSK Inner_1RB_Right High



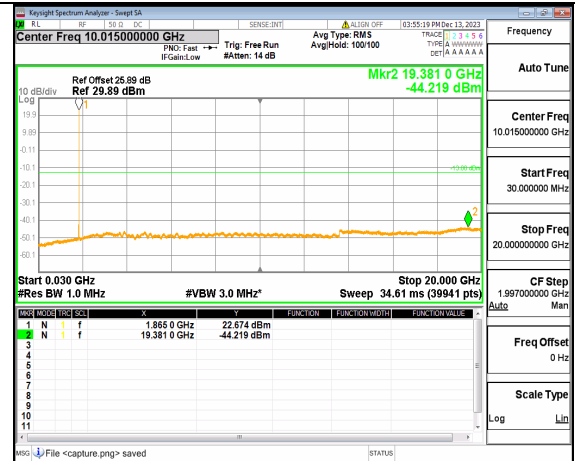
5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Inner_1RB_Left High



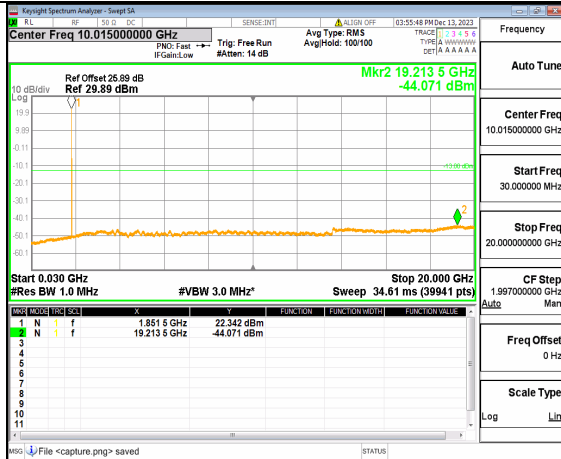
5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Inner_1RB_Right High



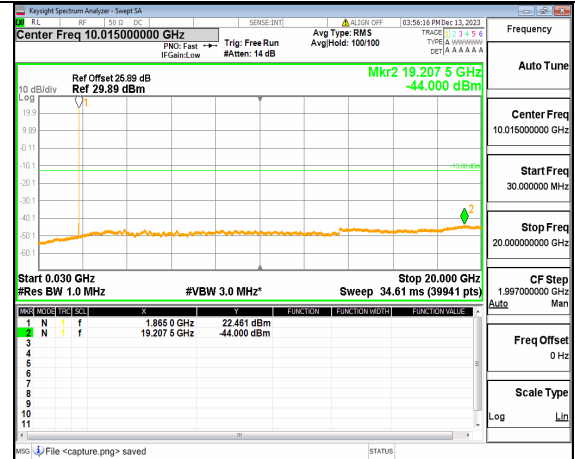
5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM
BPSK Inner_1RB_Left Low



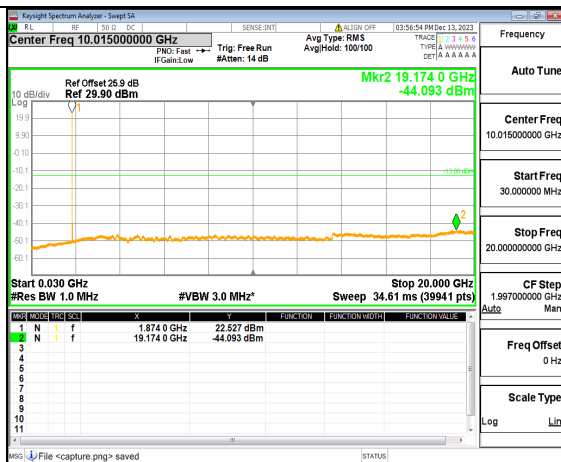
5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM
BPSK Inner_1RB_Right Low



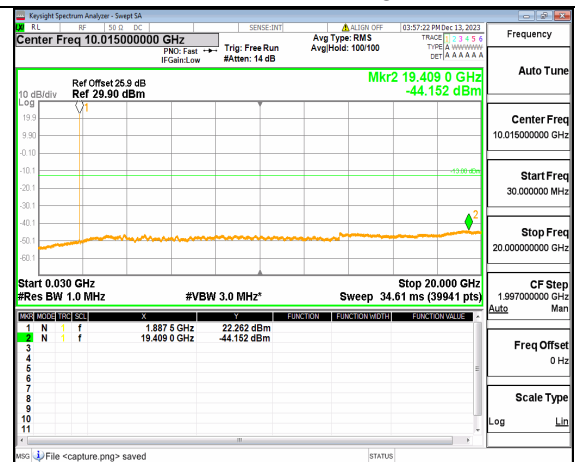
5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Inner_1RB_Left Low



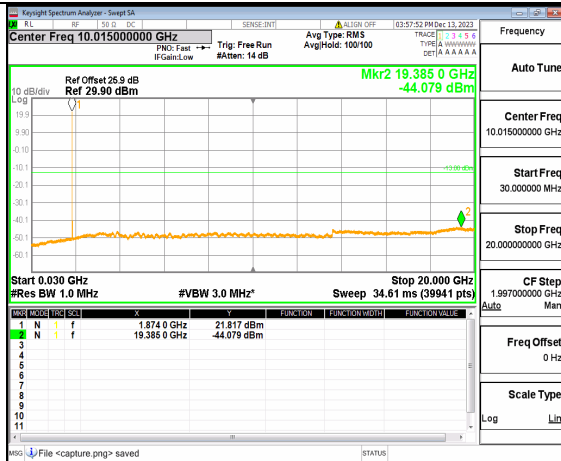
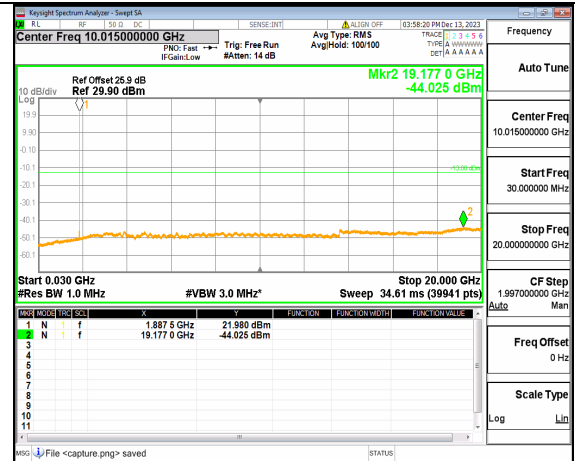
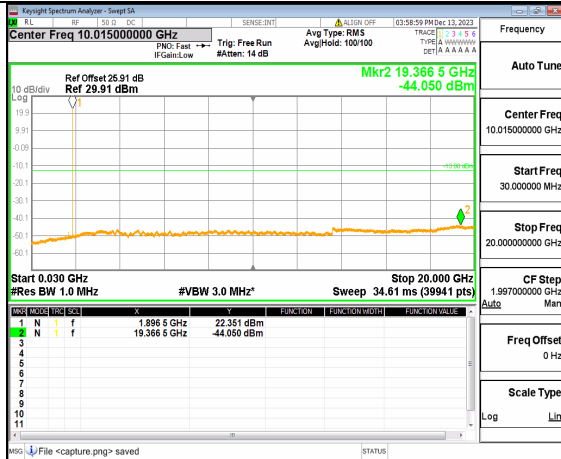
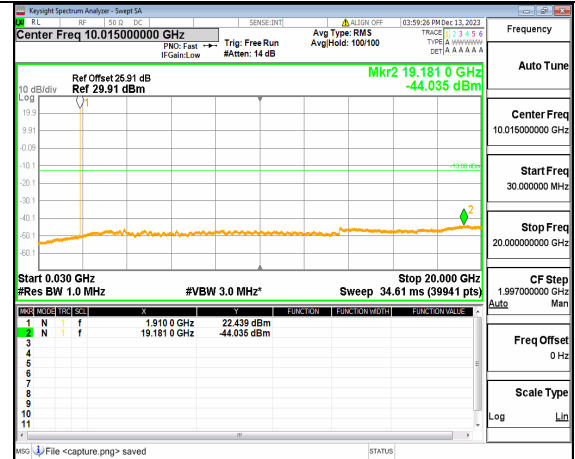
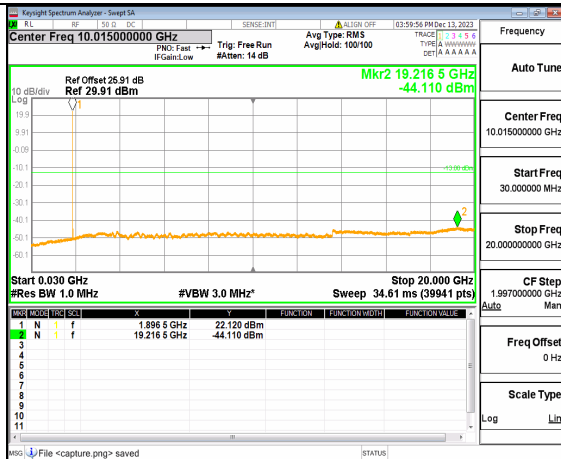
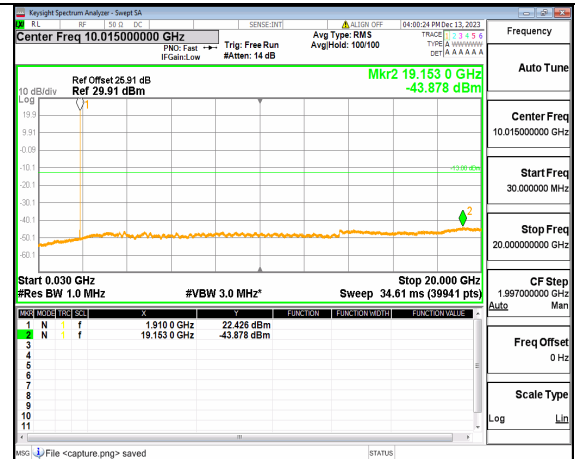
5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Inner_1RB_Right Low

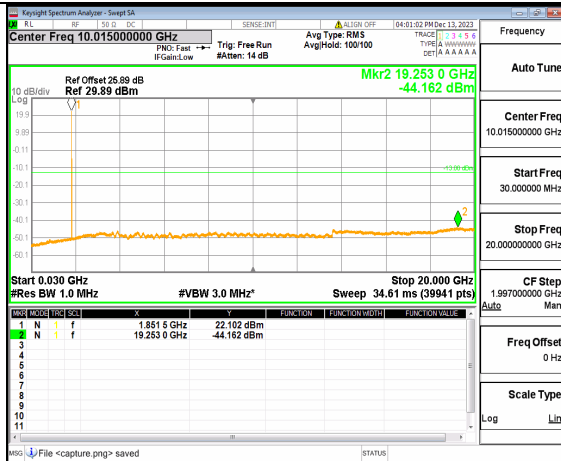
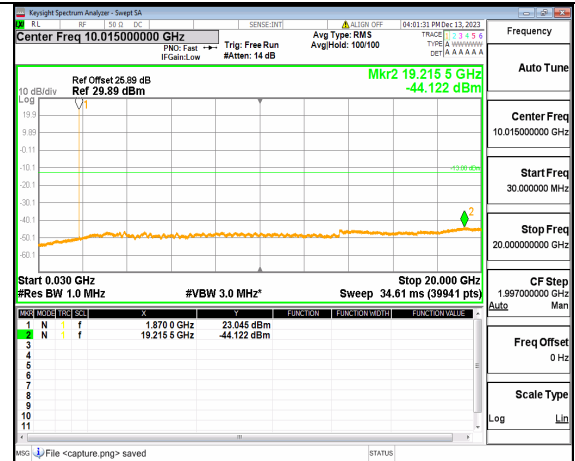
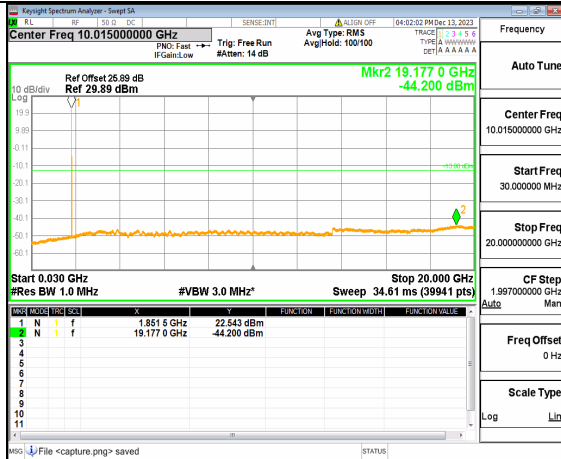
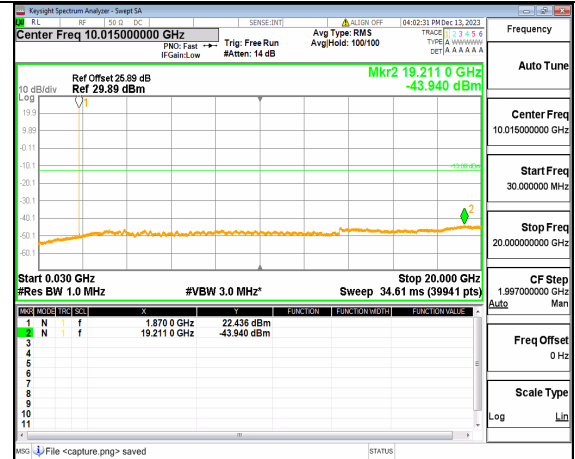
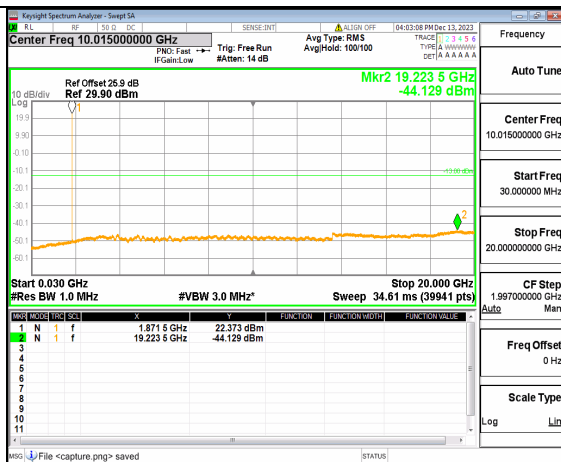
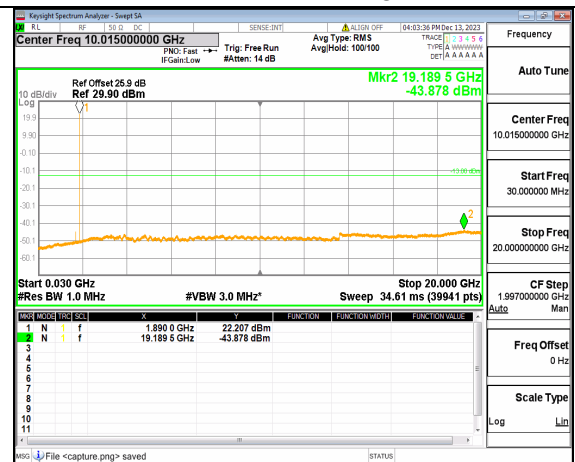


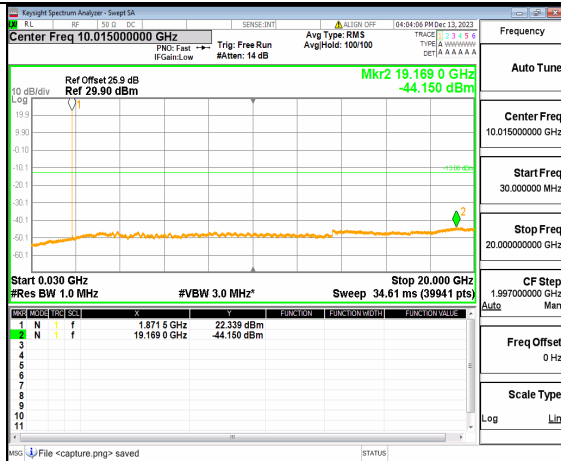
5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM
BPSK Inner_1RB_Left Mid



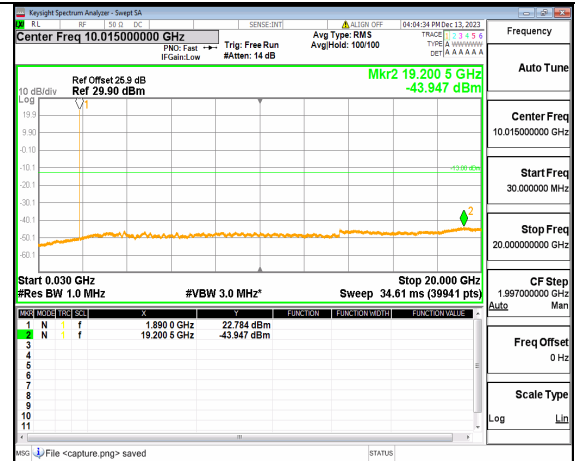
5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM
BPSK Inner_1RB_Right Mid

5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Inner_1RB_Left Mid5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Inner_1RB_Right Mid5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM
BPSK Inner_1RB_Left High5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM
BPSK Inner_1RB_Right High5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Inner_1RB_Left High5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Inner_1RB_Right High

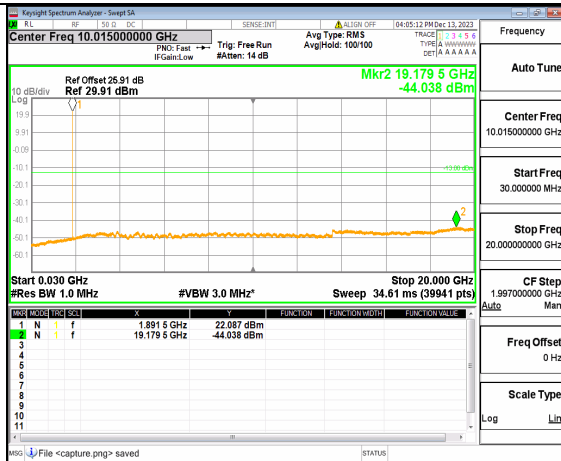
5A_n2 (30MHz-20GHz) 20M DFT-s-OFDM
BPSK Inner_1RB_Left Low5A_n2 (30MHz-20GHz) 20M DFT-s-OFDM
BPSK Inner_1RB_Right Low5A_n2 (30MHz-20GHz) 20M DFT-s-OFDM
QPSK Inner_1RB_Left Low5A_n2 (30MHz-20GHz) 20M DFT-s-OFDM
QPSK Inner_1RB_Right Low5A_n2 (30MHz-20GHz) 20M DFT-s-OFDM
BPSK Inner_1RB_Left Mid5A_n2 (30MHz-20GHz) 20M DFT-s-OFDM
BPSK Inner_1RB_Right Mid



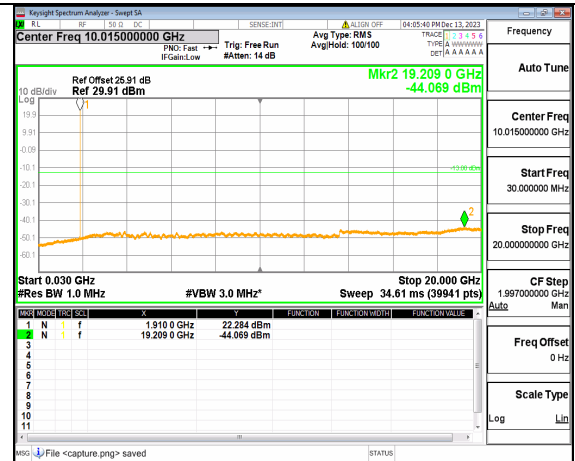
5A_n2 (30MHz-20GHz) 20M DFT-s-OFDM
QPSK Inner_1RB_Left Mid



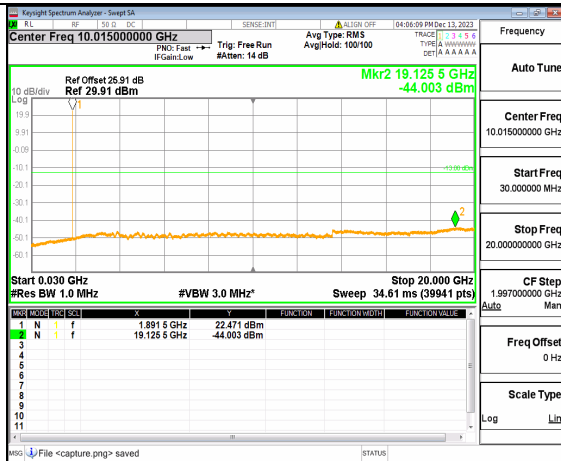
5A_n2 (30MHz-20GHz) 20M DFT-s-OFDM
QPSK Inner_1RB_Right Mid



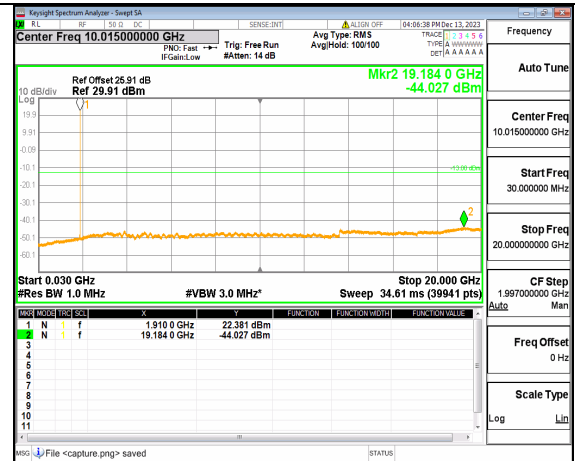
5A_n2 (30MHz-20GHz) 20M DFT-s-OFDM
BPSK Inner_1RB_Left High



5A_n2 (30MHz-20GHz) 20M DFT-s-OFDM
BPSK Inner_1RB_Right High



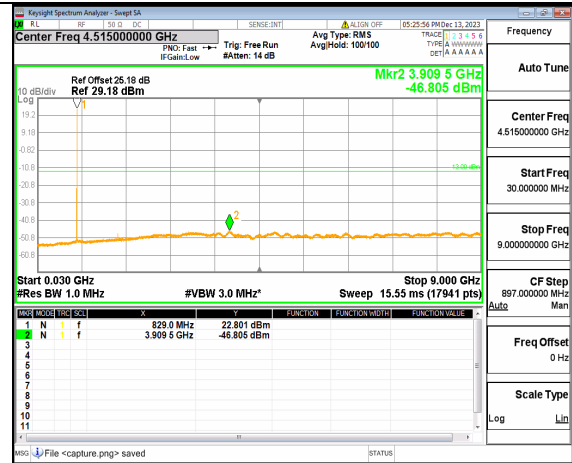
5A_n2 (30MHz-20GHz) 20M DFT-s-OFDM
QPSK Inner_1RB_Left High



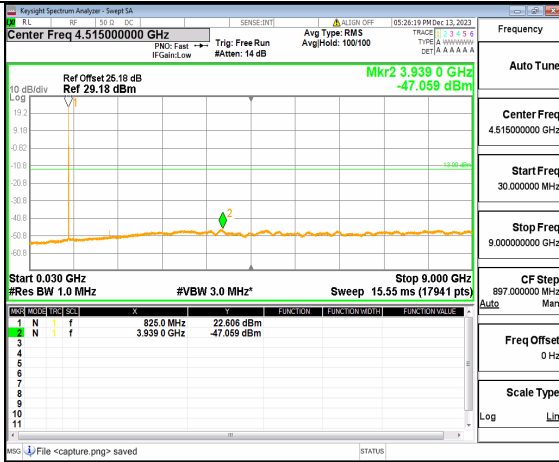
5A_n2 (30MHz-20GHz) 20M DFT-s-OFDM
QPSK Inner_1RB_Right High



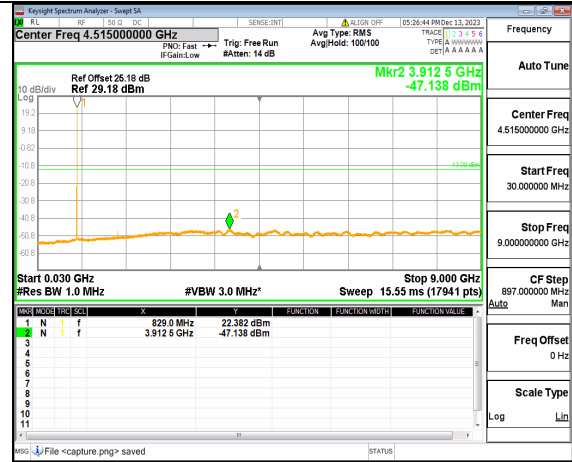
66A_n5 (30MHz-9GHz) 5M DFT-s-OFDM
BPSK Inner_1RB_Left Low



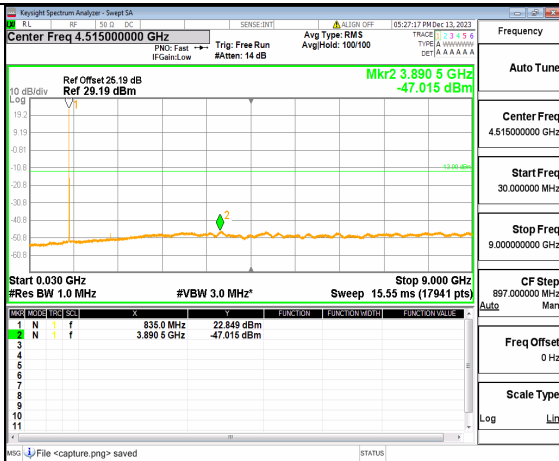
66A_n5 (30MHz-9GHz) 5M DFT-s-OFDM
BPSK Inner_1RB_Right Low



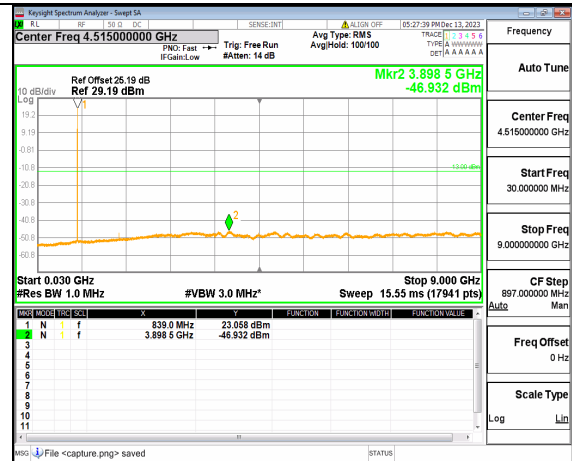
66A_n5 (30MHz-9GHz) 5M DFT-s-OFDM
QPSK Inner_1RB_Left Low



66A_n5 (30MHz-9GHz) 5M DFT-s-OFDM
QPSK Inner_1RB_Right Low



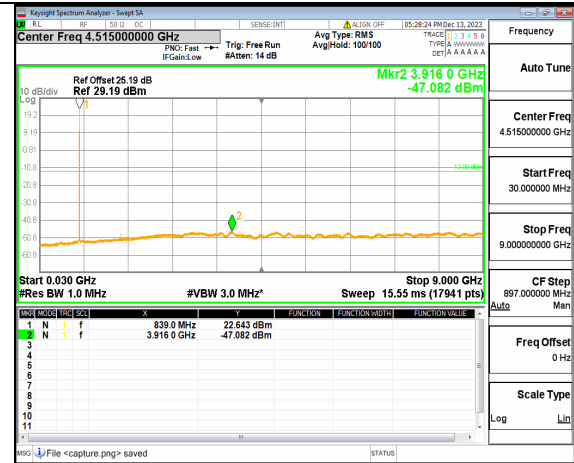
66A_n5 (30MHz-9GHz) 5M DFT-s-OFDM
BPSK Inner_1RB_Left Mid



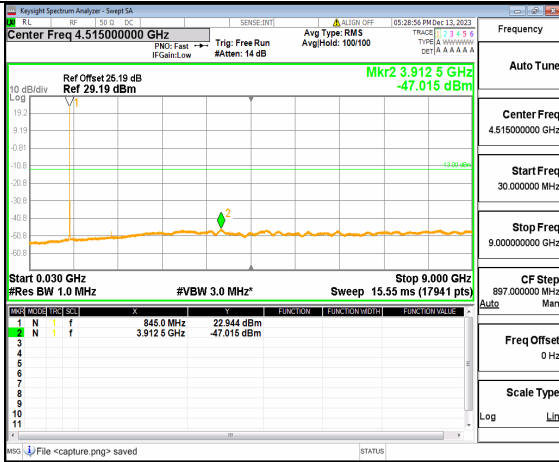
66A_n5 (30MHz-9GHz) 5M DFT-s-OFDM
BPSK Inner_1RB_Right Mid



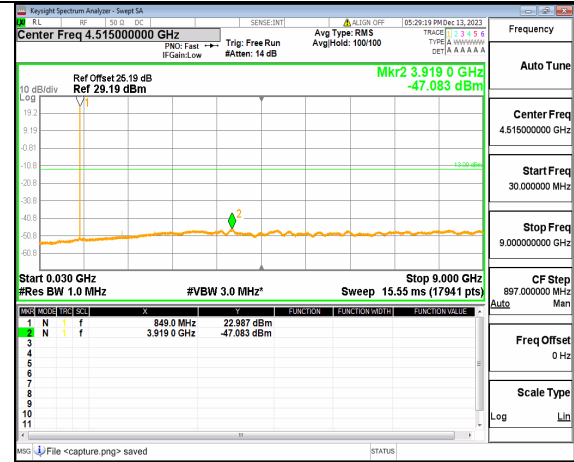
66A_n5 (30MHz-9GHz) 5M DFT-s-OFDM
QPSK Inner_1RB_Left Mid



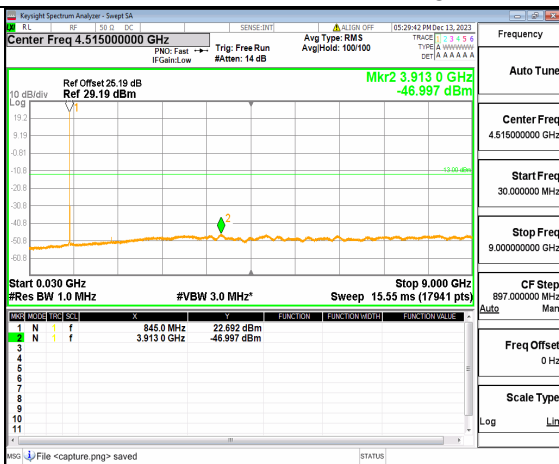
66A_n5 (30MHz-9GHz) 5M DFT-s-OFDM
QPSK Inner_1RB_Right Mid



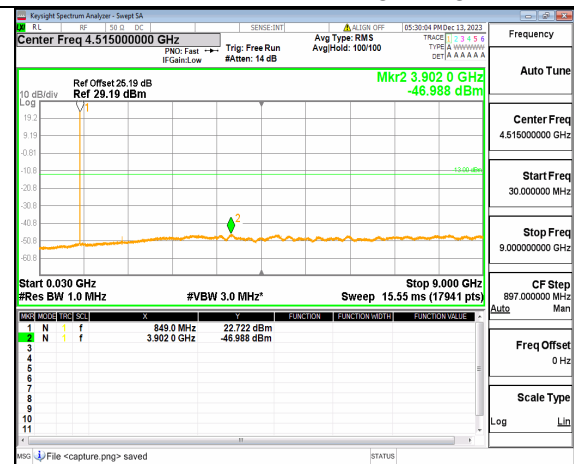
66A_n5 (30MHz-9GHz) 5M DFT-s-OFDM
BPSK Inner_1RB_Left High



66A_n5 (30MHz-9GHz) 5M DFT-s-OFDM
BPSK Inner_1RB_Right High



66A_n5 (30MHz-9GHz) 5M DFT-s-OFDM
QPSK Inner_1RB_Left High



66A_n5 (30MHz-9GHz) 5M DFT-s-OFDM
QPSK Inner_1RB_Right High