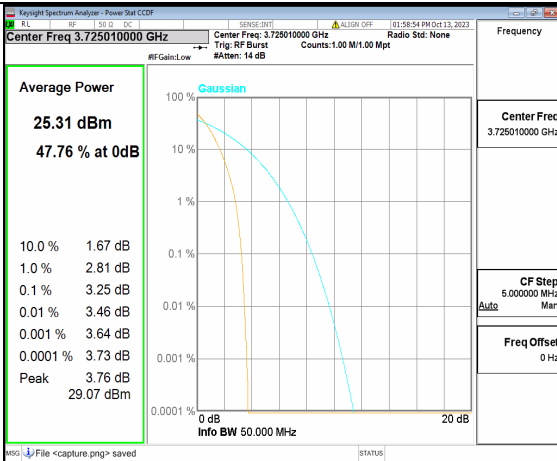
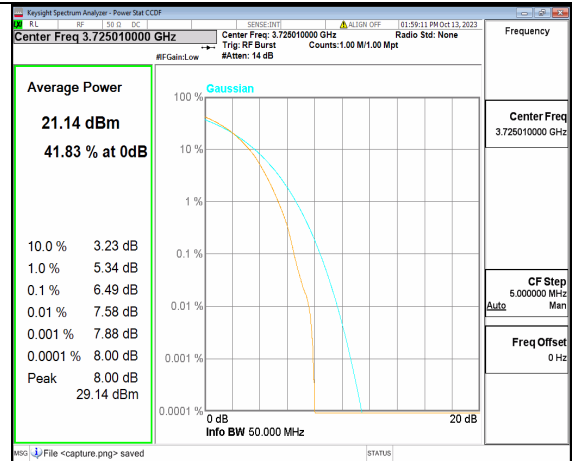
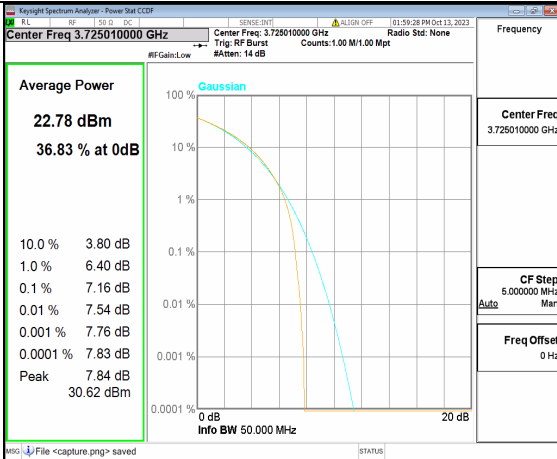




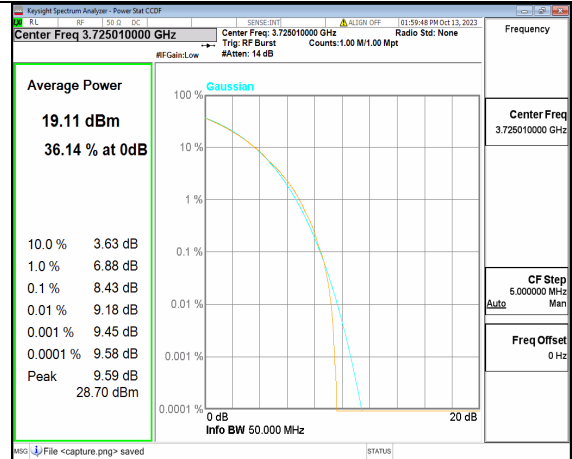
5A_n77(3700-3980MHz) 50M DFT-s-OFDM BPSK Outer_Full Low



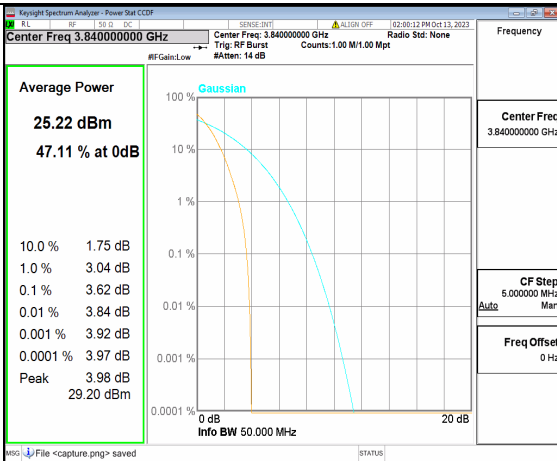
5A_n77(3700-3980MHz) 50M DFT-s-OFDM 256QAM Outer_Full Low



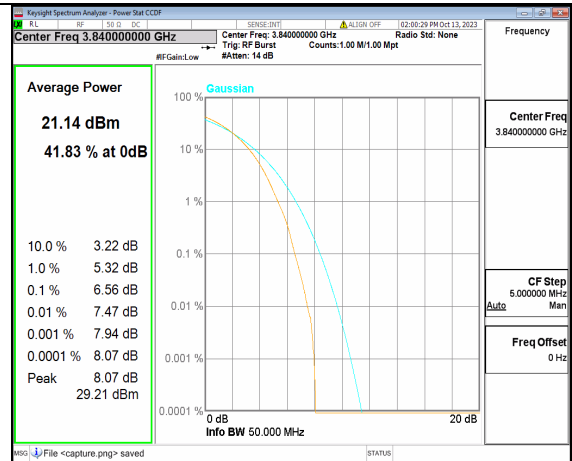
5A_n77(3700-3980MHz) 50M CP-OFDM QPSK Outer_Full Low



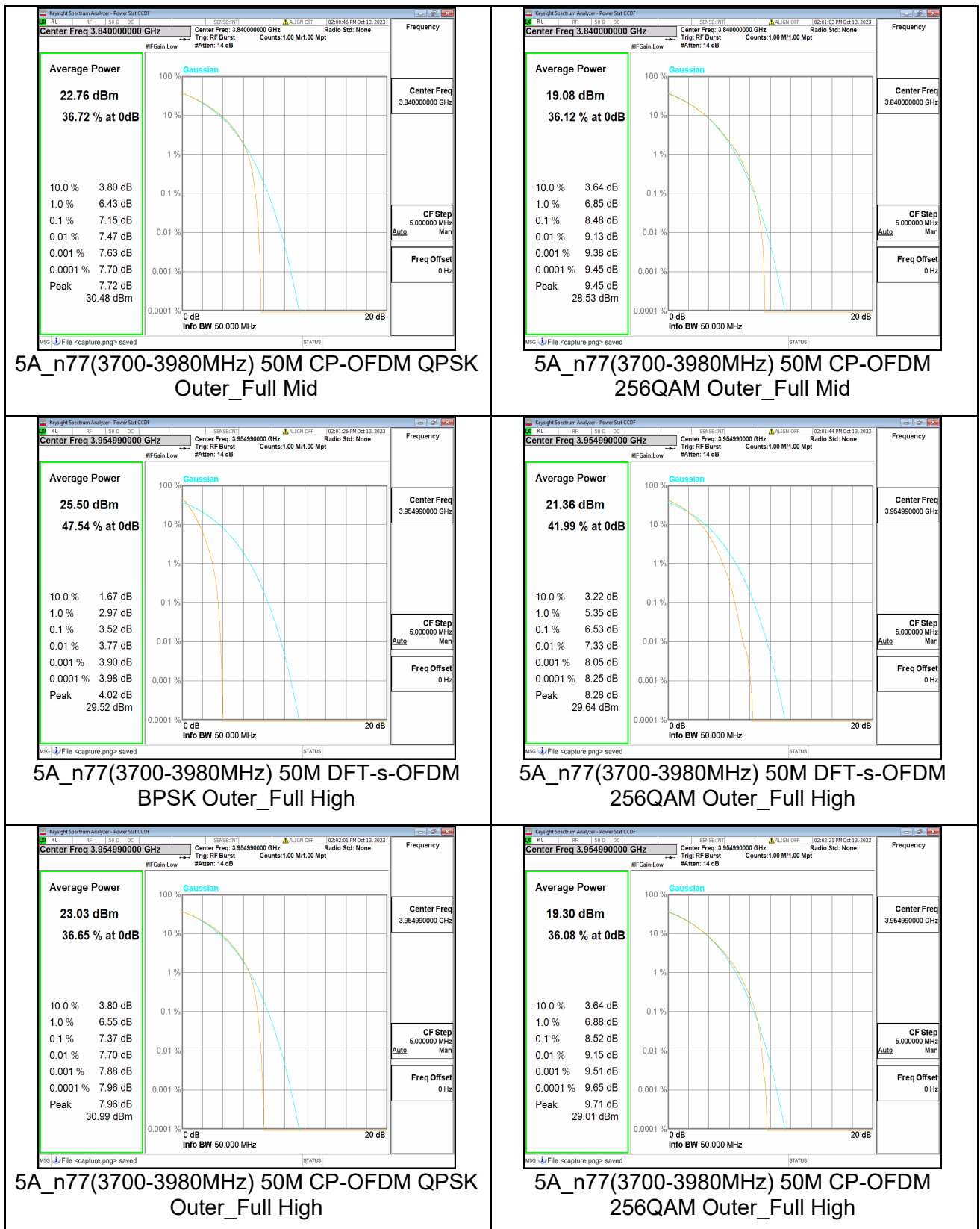
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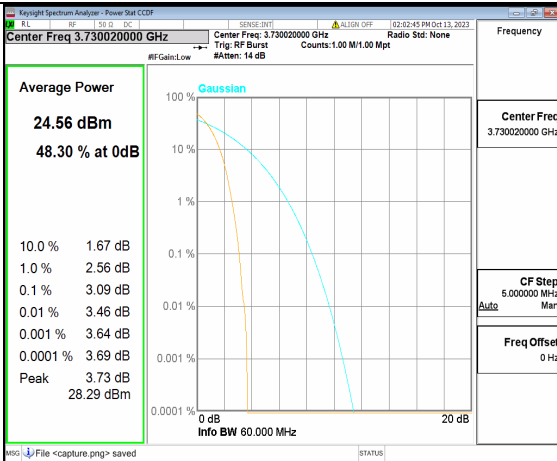


5A_n77(3700-3980MHz) 50M DFT-s-OFDM BPSK Outer_Full Mid

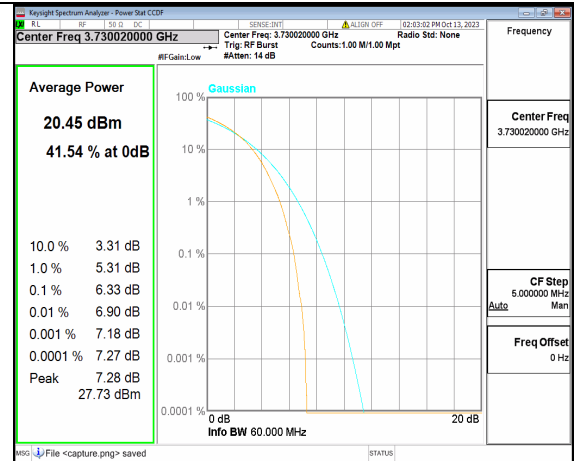


5A_n77(3700-3980MHz) 50M DFT-s-OFDM 256QAM Outer_Full Mid

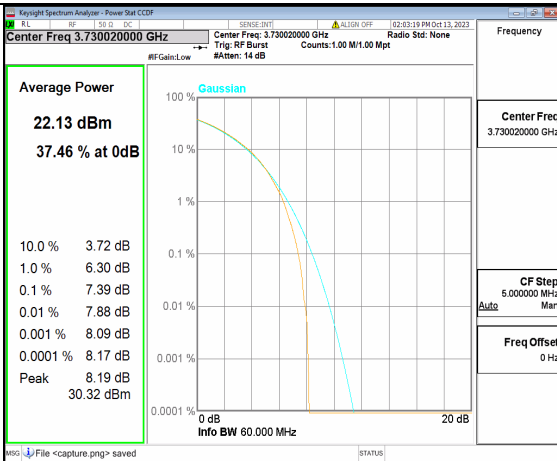




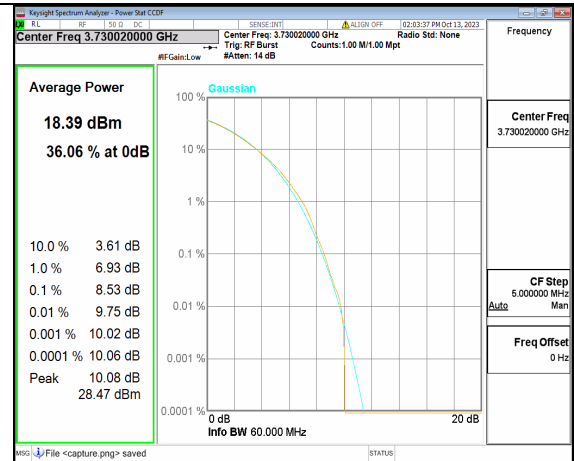
5A_n77(3700-3980MHz) 60M DFT-s-OFDM BPSK Outer_Full Low



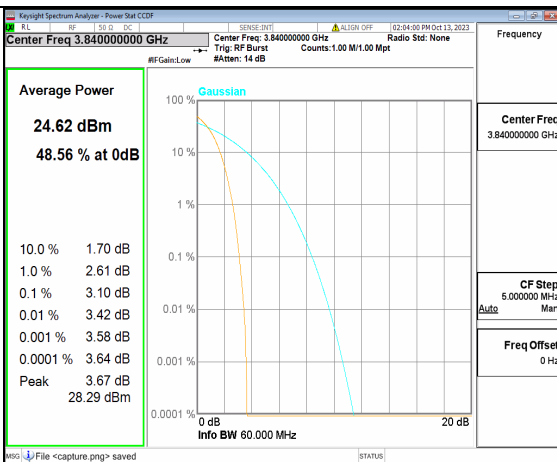
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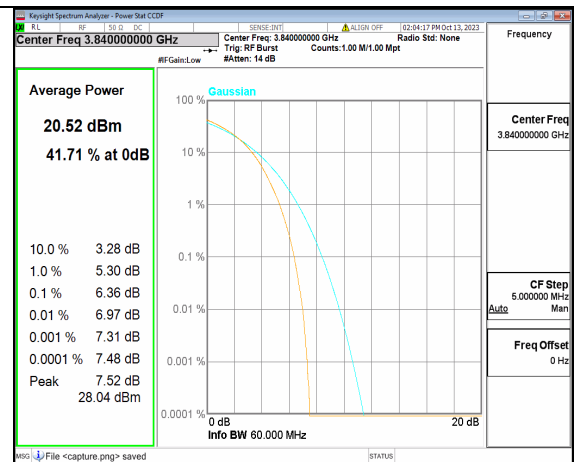
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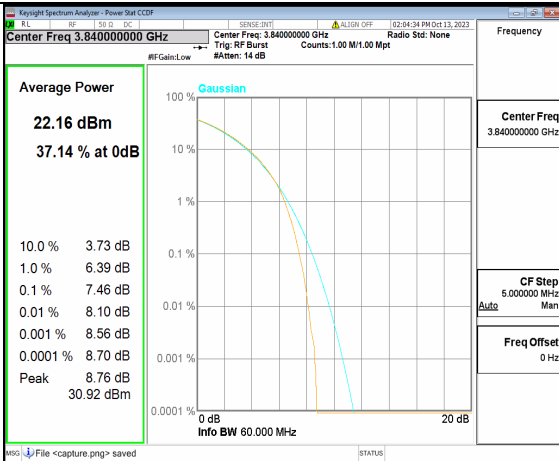
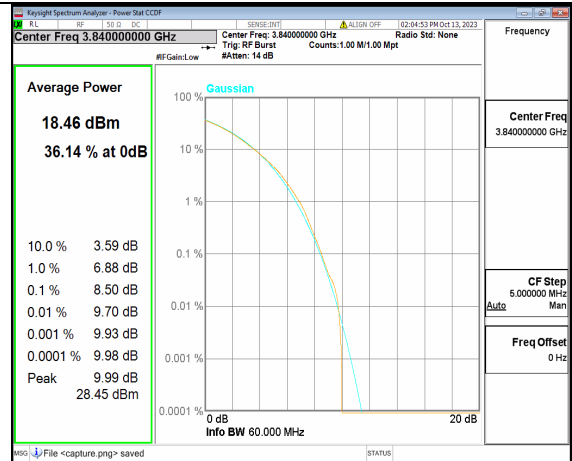
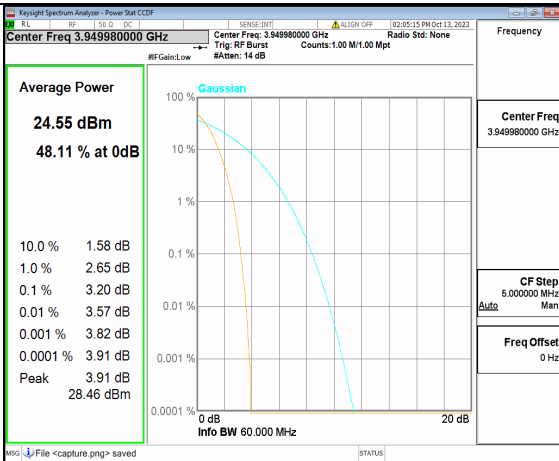
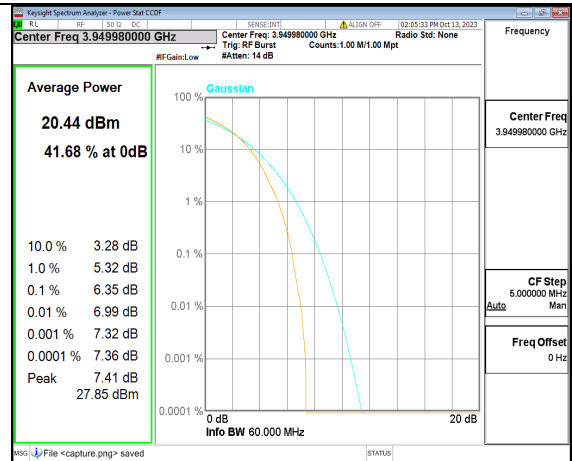
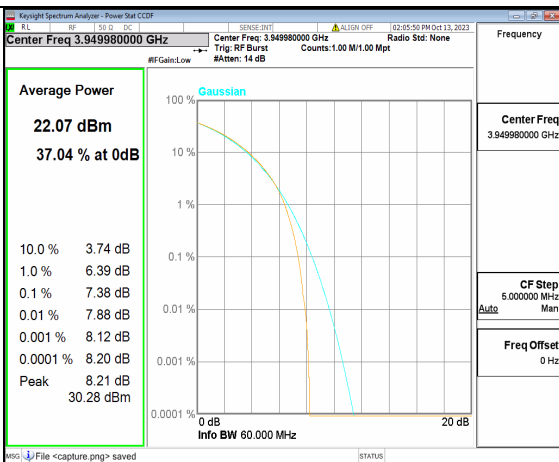
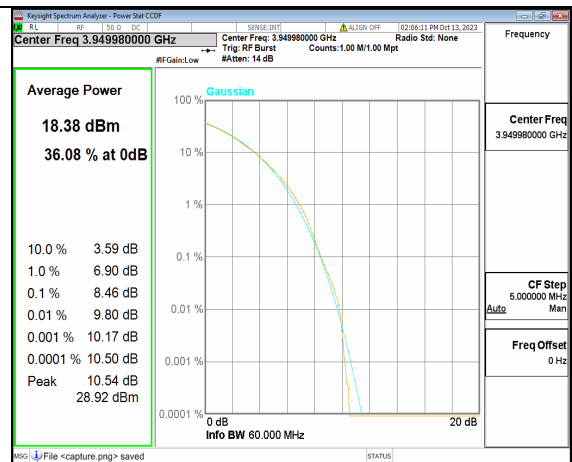
5A_n77(3700-3980MHz) 60M CP-OFDM 256QAM Outer_Full Low

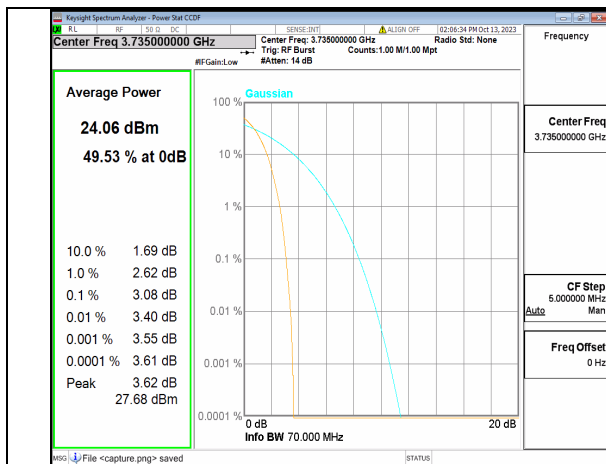


5A_n77(3700-3980MHz) 60M DFT-s-OFDM BPSK Outer_Full Mid

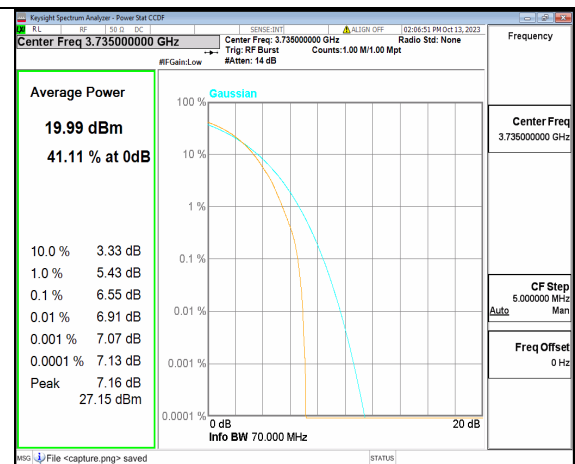


5A_n77(3700-3980MHz) 60M DFT-s-OFDM 256QAM Outer_Full Mid

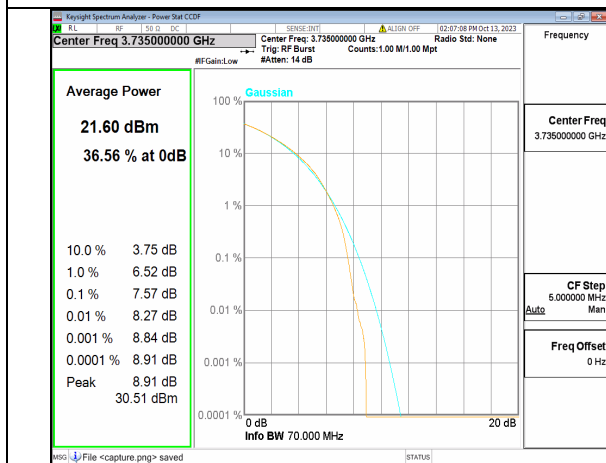

5A_n77(3700-3980MHz) 60M CP-OFDM QPSK
Outer_Full Mid

5A_n77(3700-3980MHz) 60M CP-OFDM
256QAM Outer_Full Mid

5A_n77(3700-3980MHz) 60M DFT-s-OFDM
BPSK Outer_Full High

5A_n77(3700-3980MHz) 60M DFT-s-OFDM
256QAM Outer_Full High

5A_n77(3700-3980MHz) 60M CP-OFDM QPSK
Outer_Full High

5A_n77(3700-3980MHz) 60M CP-OFDM
256QAM Outer_Full High



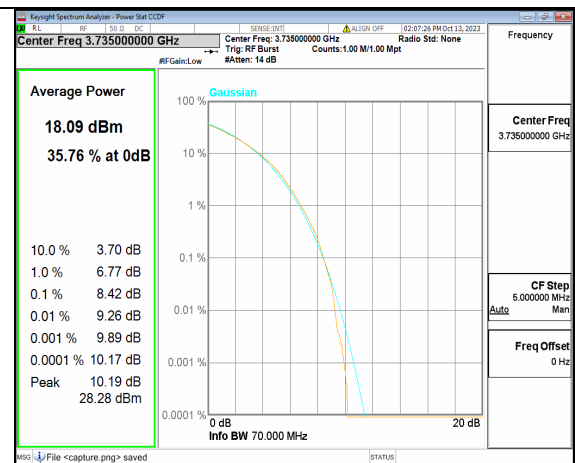
5A_n77(3700-3980MHz) 70M DFT-s-OFDM BPSK Outer_Full Low



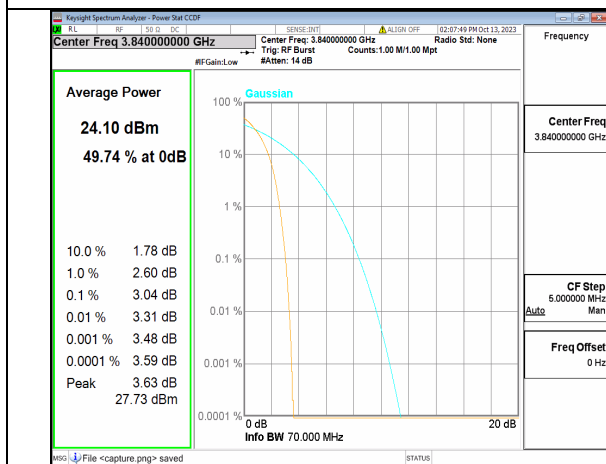
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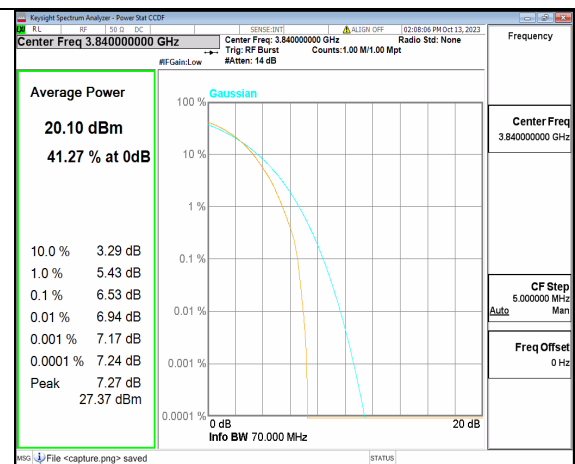
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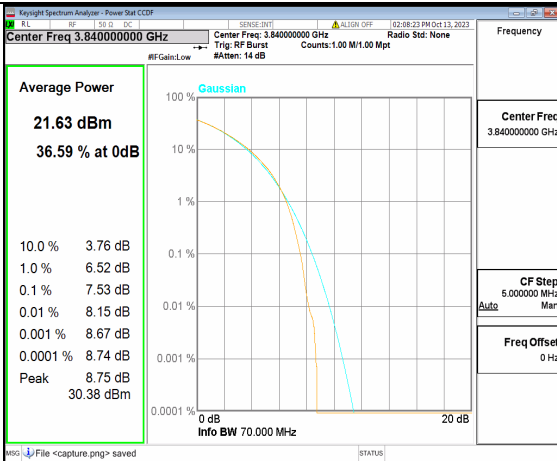
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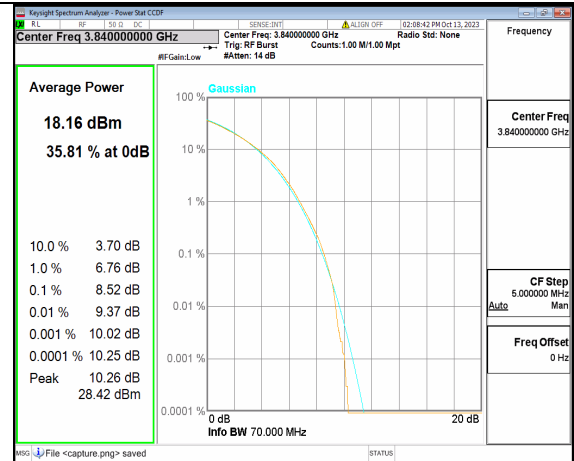
5A_n77(3700-3980MHz) 70M DFT-s-OFDM BPSK Outer_Full Mid



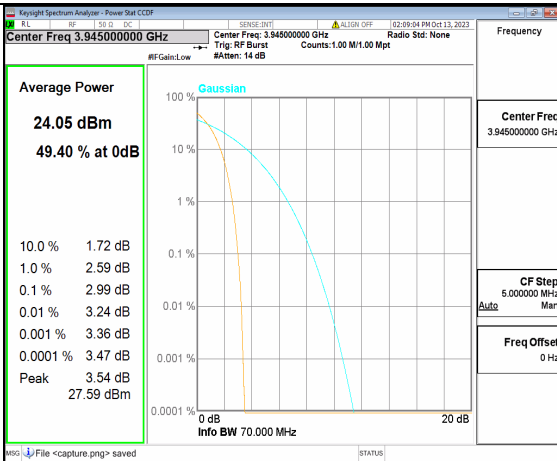
5A_n77(3700-3980MHz) 70M DFT-s-OFDM 256QAM Outer_Full Mid



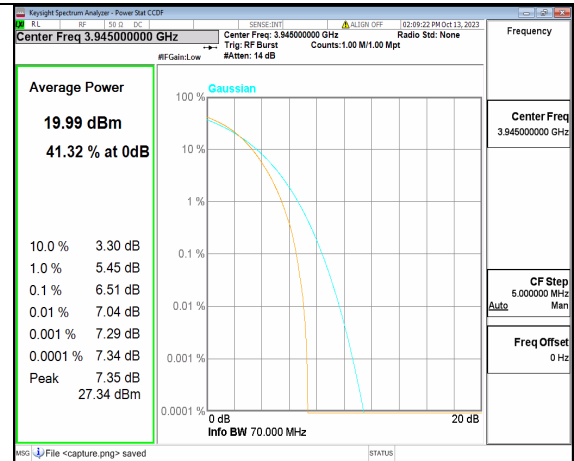
5A_n77(3700-3980MHz) 70M CP-OFDM QPSK Outer_Full Mid



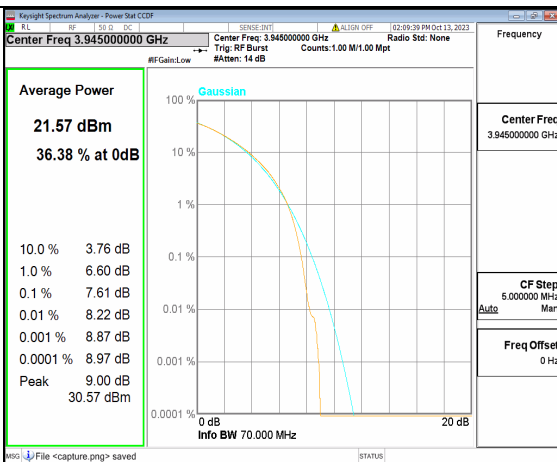
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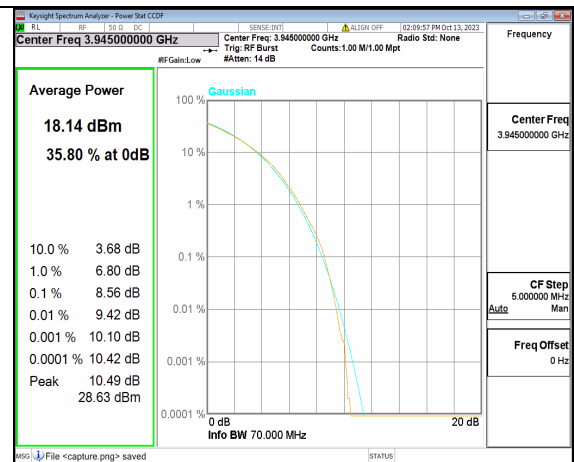
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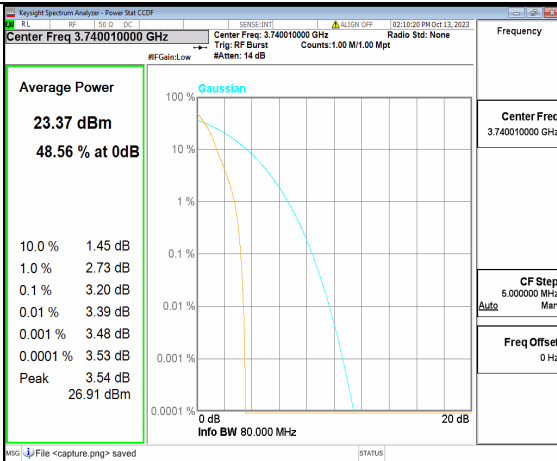
5A_n77(3700-3980MHz) 70M DFT-s-OFDM 256QAM Outer_Full High



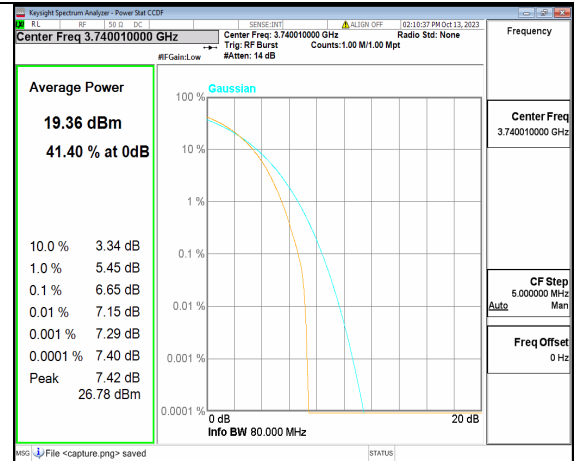
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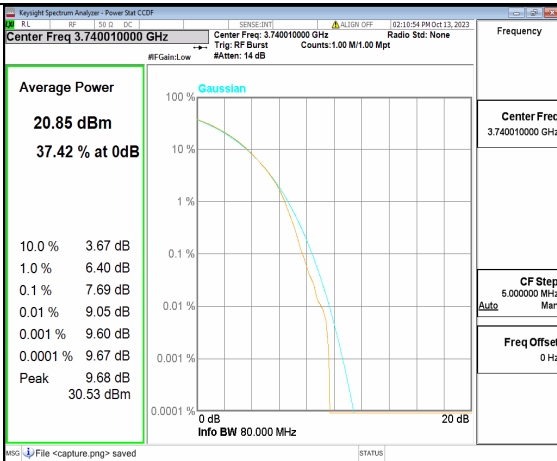
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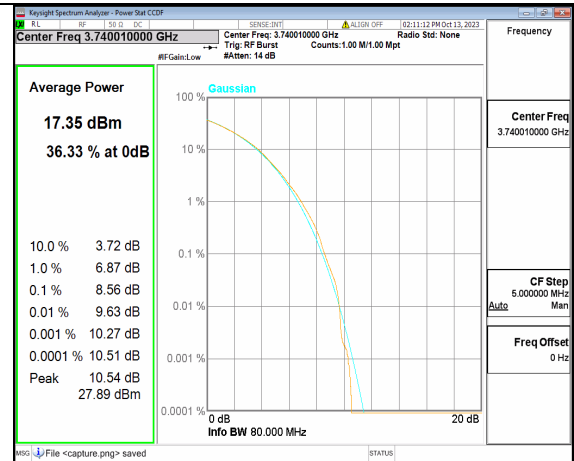
5A_n77(3700-3980MHz) 80M DFT-s-OFDM BPSK Outer_Full Low



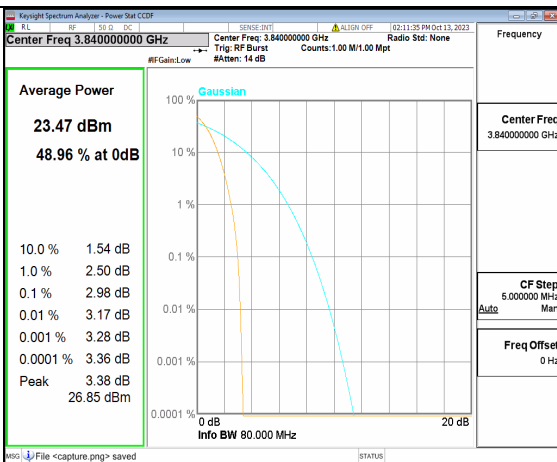
5A_n77(3700-3980MHz) 80M DFT-s-OFDM 256QAM Outer_Full Low



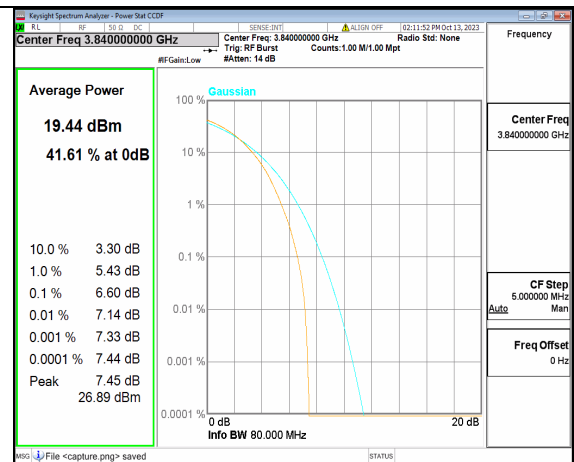
5A_n77(3700-3980MHz) 80M CP-OFDM QPSK Outer_Full Low



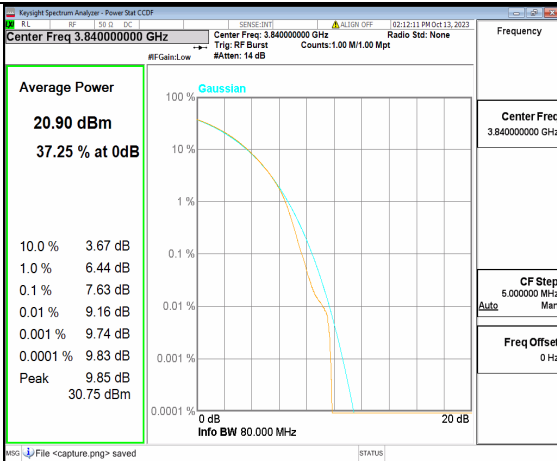
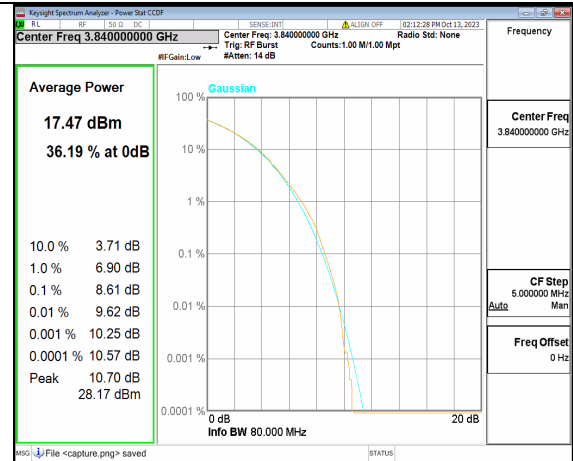
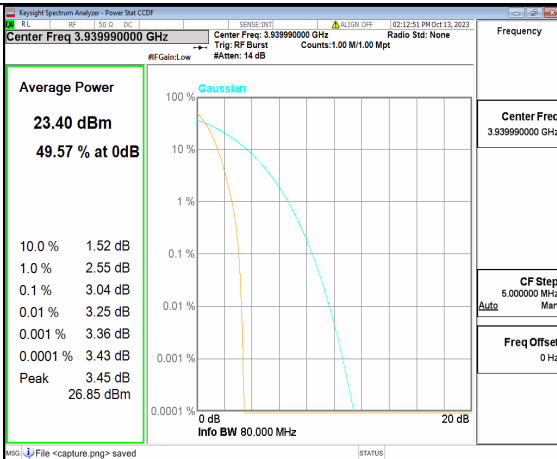
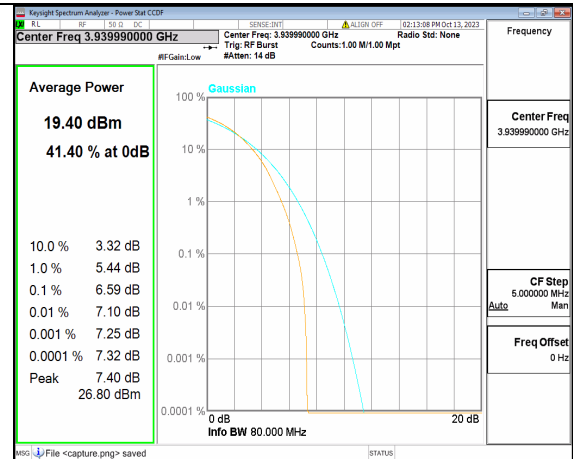
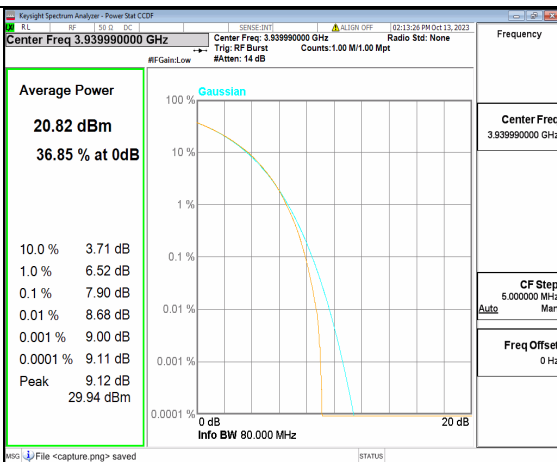
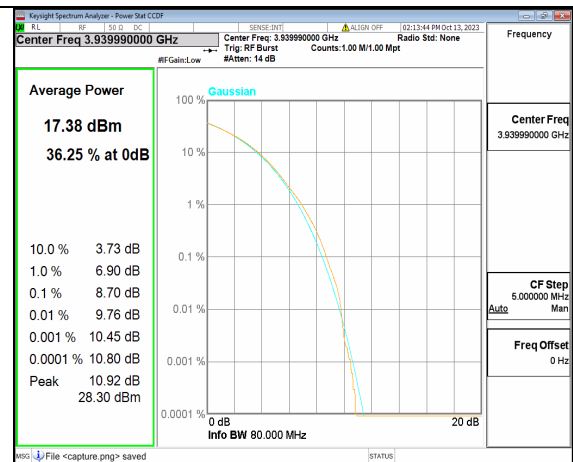
5A_n77(3700-3980MHz) 80M CP-OFDM 256QAM Outer_Full Low

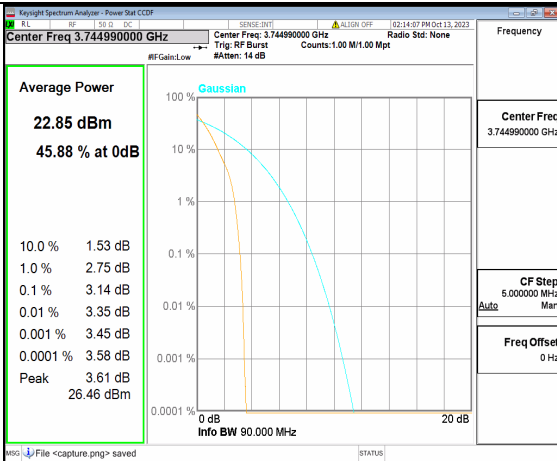


5A_n77(3700-3980MHz) 80M DFT-s-OFDM BPSK Outer_Full Mid

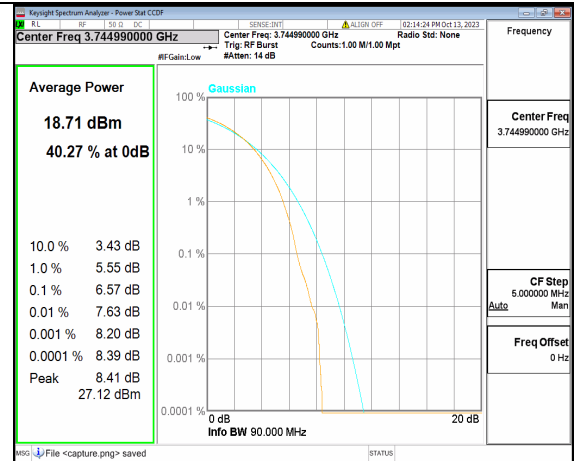


5A_n77(3700-3980MHz) 80M DFT-s-OFDM 256QAM Outer_Full Mid

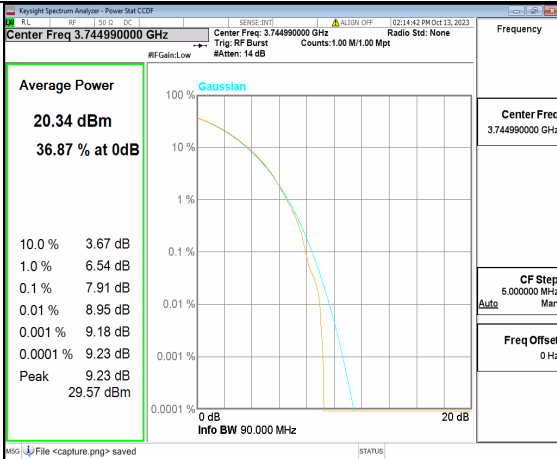
5A_n77(3700-3980MHz) 80M CP-OFDM QPSK
Outer_Full Mid5A_n77(3700-3980MHz) 80M CP-OFDM
256QAM Outer_Full Mid5A_n77(3700-3980MHz) 80M DFT-s-OFDM
BPSK Outer_Full High5A_n77(3700-3980MHz) 80M DFT-s-OFDM
256QAM Outer_Full High5A_n77(3700-3980MHz) 80M CP-OFDM QPSK
Outer_Full High5A_n77(3700-3980MHz) 80M CP-OFDM
256QAM Outer_Full High



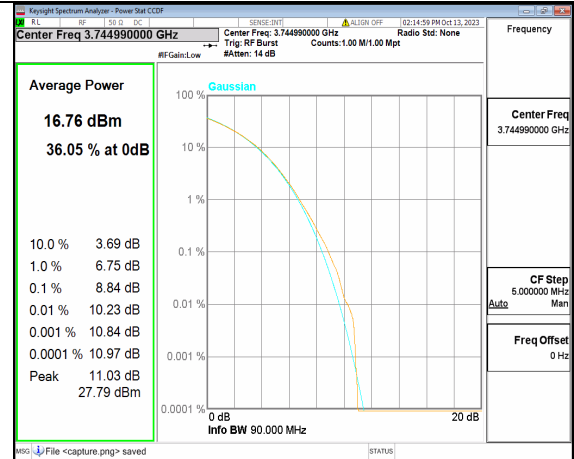
5A_n77(3700-3980MHz) 90M DFT-s-OFDM BPSK Outer_Full Low



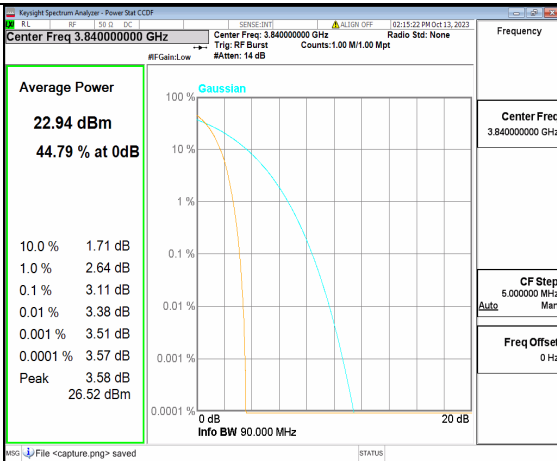
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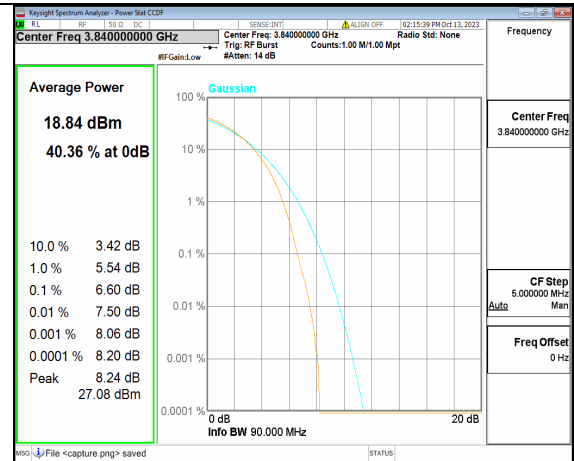
5A_n77(3700-3980MHz) 90M CP-OFDM QPSK Outer_Full Low



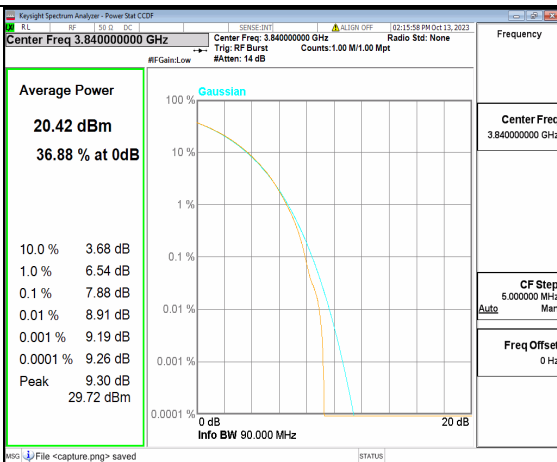
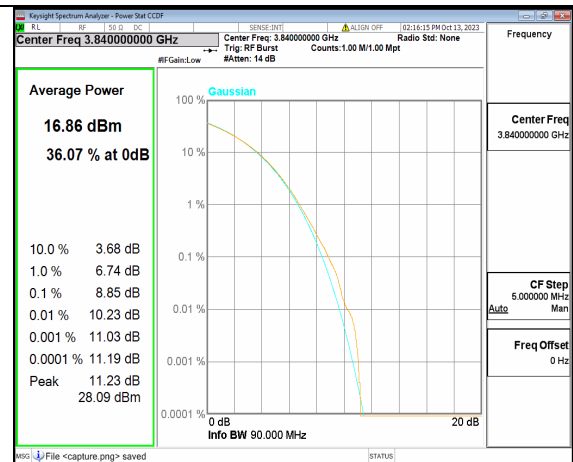
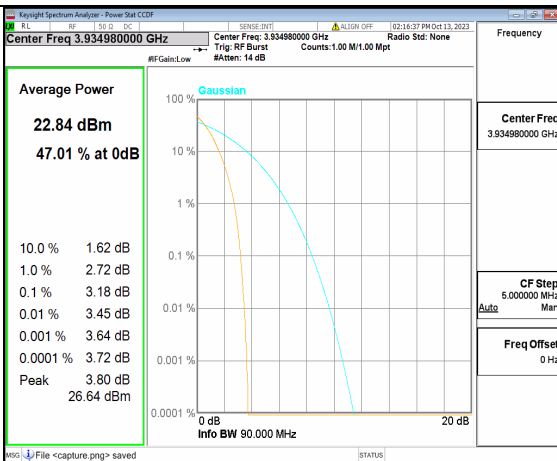
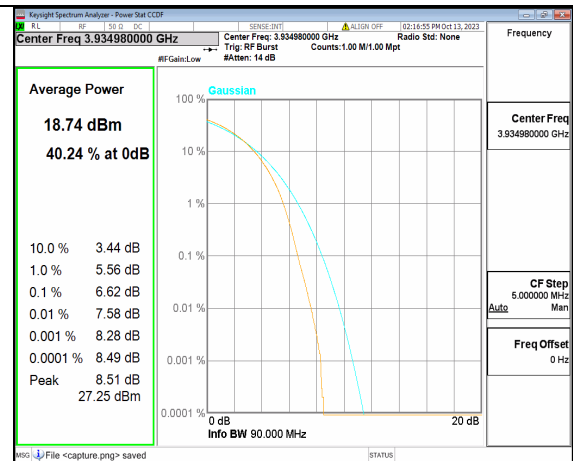
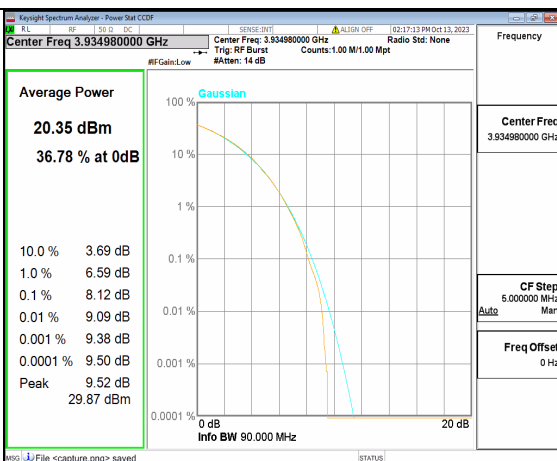
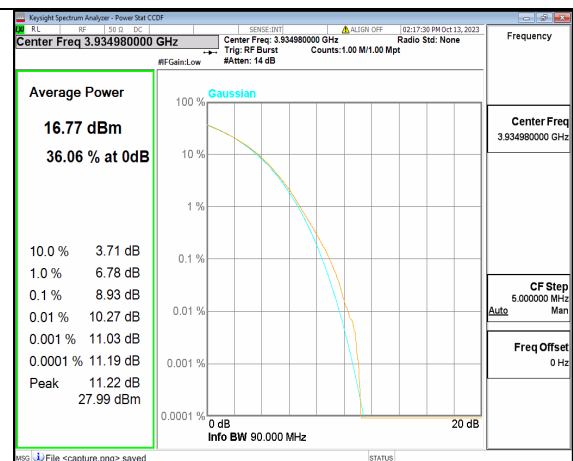
5A_n77(3700-3980MHz) 90M CP-OFDM 256QAM Outer_Full Low

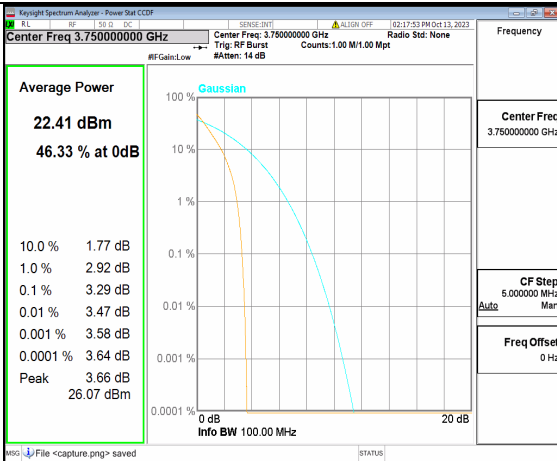


5A_n77(3700-3980MHz) 90M DFT-s-OFDM BPSK Outer_Full Mid

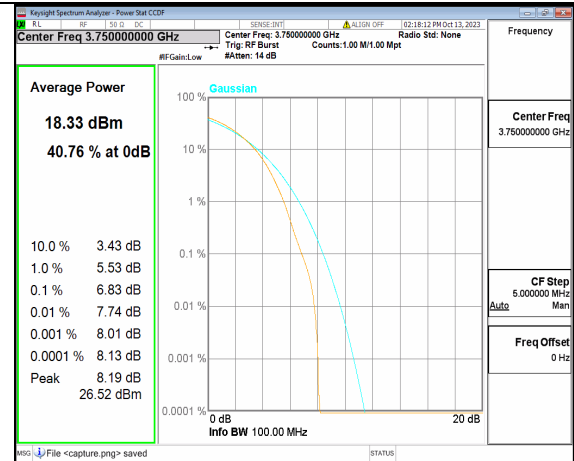


5A_n77(3700-3980MHz) 90M DFT-s-OFDM 256QAM Outer_Full Mid

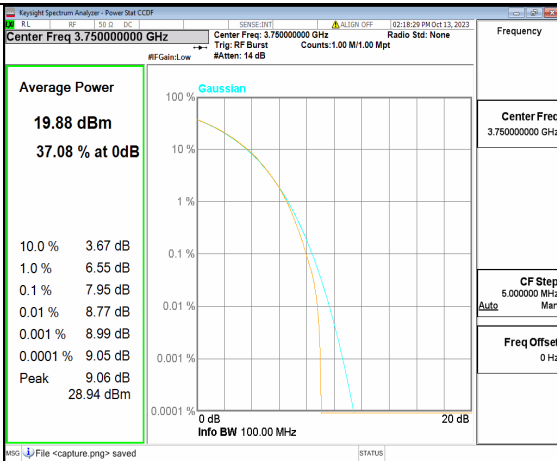
5A_n77(3700-3980MHz) 90M CP-OFDM QPSK
Outer_Full Mid5A_n77(3700-3980MHz) 90M CP-OFDM
256QAM Outer_Full Mid5A_n77(3700-3980MHz) 90M DFT-s-OFDM
BPSK Outer_Full High5A_n77(3700-3980MHz) 90M DFT-s-OFDM
256QAM Outer_Full High5A_n77(3700-3980MHz) 90M CP-OFDM QPSK
Outer_Full High5A_n77(3700-3980MHz) 90M CP-OFDM
256QAM Outer_Full High



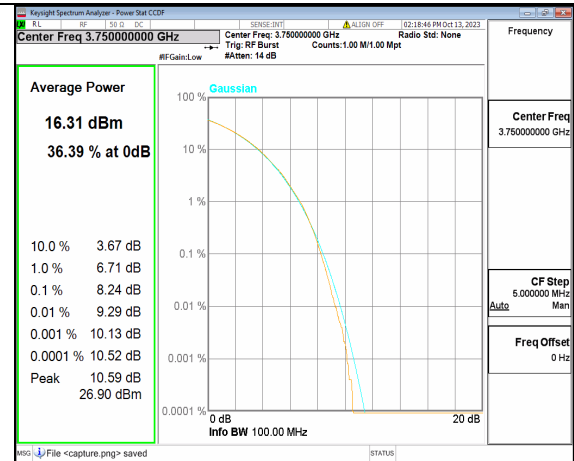
5A_n77(3700-3980MHz) 100M DFT-s-OFDM BPSK Outer_Full Low



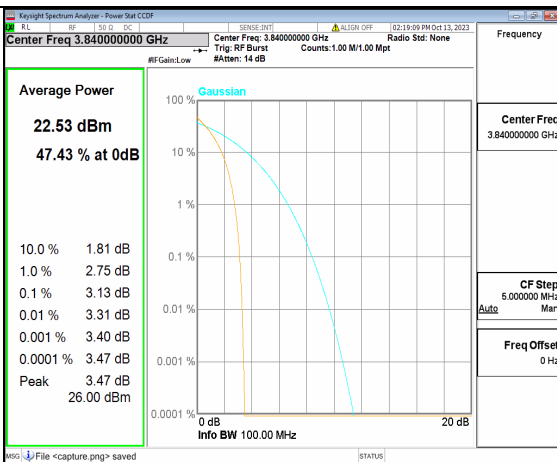
5A_n77(3700-3980MHz) 100M DFT-s-OFDM 256QAM Outer_Full Low



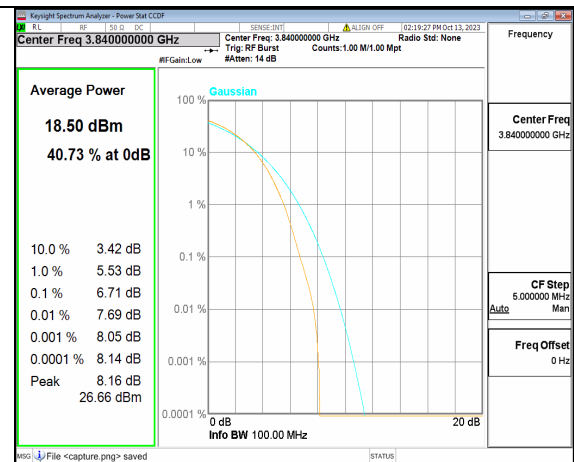
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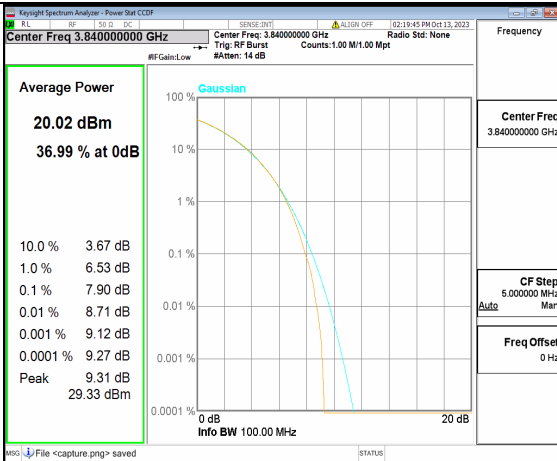
5A_n77(3700-3980MHz) 100M CP-OFDM 256QAM Outer_Full Low



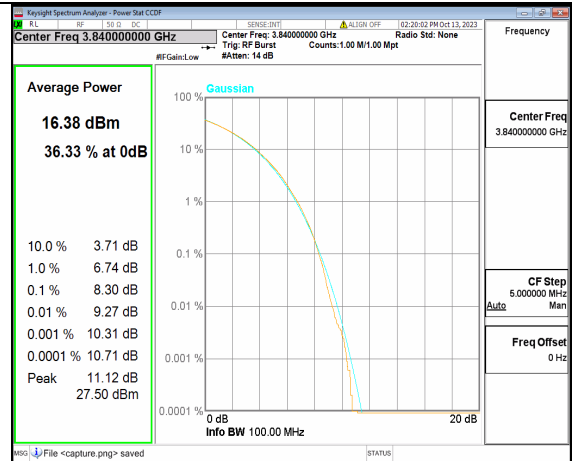
5A_n77(3700-3980MHz) 100M DFT-s-OFDM BPSK Outer_Full Mid



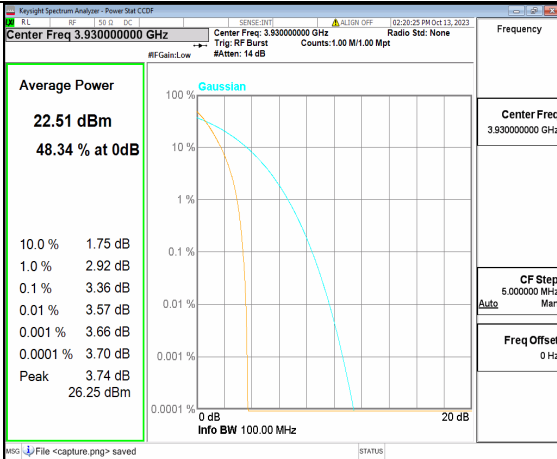
5A_n77(3700-3980MHz) 100M DFT-s-OFDM 256QAM Outer_Full Mid



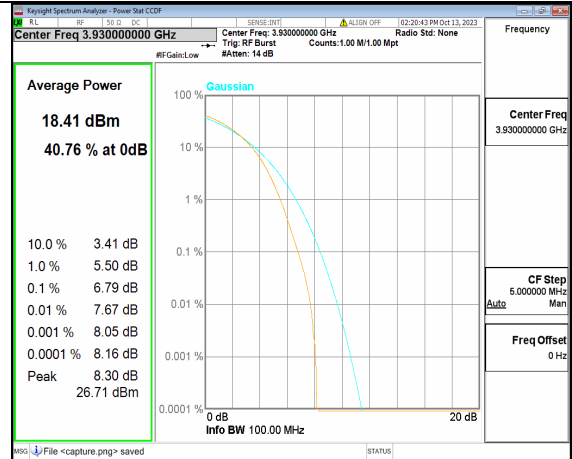
5A_n77(3700-3980MHz) 100M CP-OFDM QPSK Outer_Full Mid



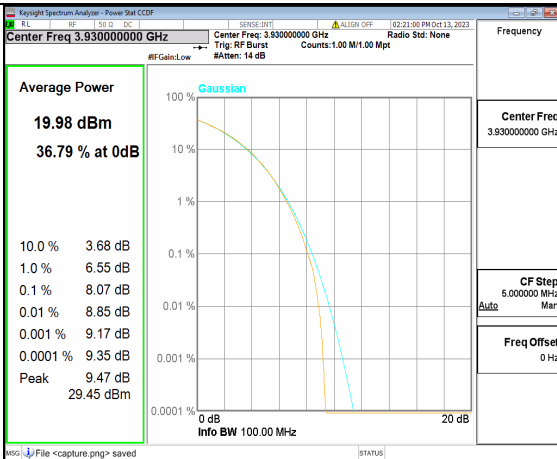
5A_n77(3700-3980MHz) 100M CP-OFDM 256QAM Outer_Full Mid



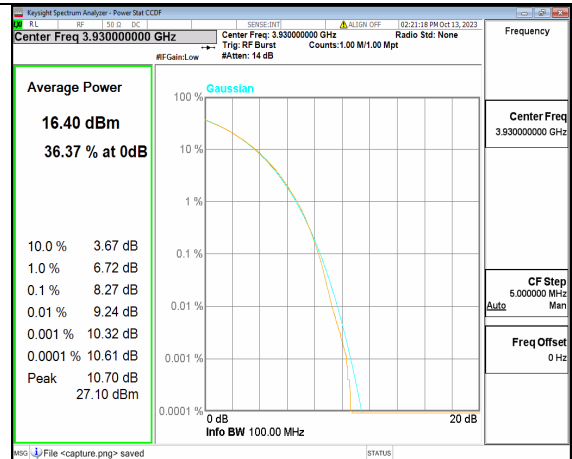
5A_n77(3700-3980MHz) 100M DFT-s-OFDM BPSK Outer_Full High



5A_n77(3700-3980MHz) 100M DFT-s-OFDM 256QAM Outer_Full High



5A_n77(3700-3980MHz) 100M CP-OFDM QPSK Outer_Full High



5A_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.

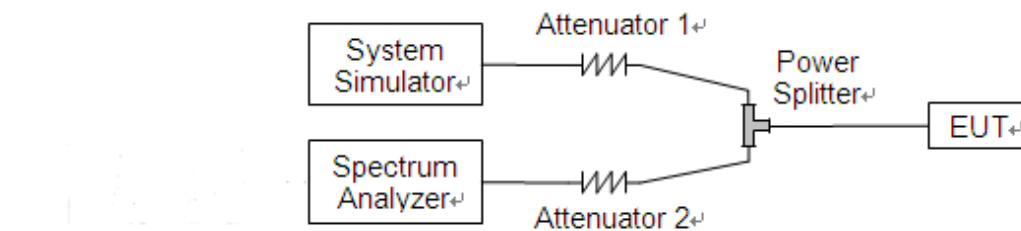
Additional to FCC section 22.917(a) for n5, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. This calculated to be -13dBm.

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

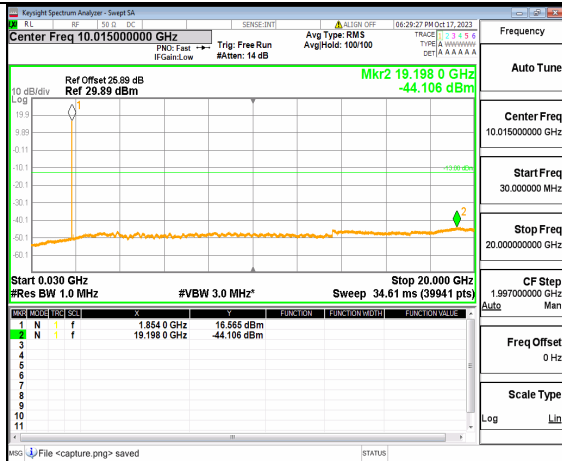
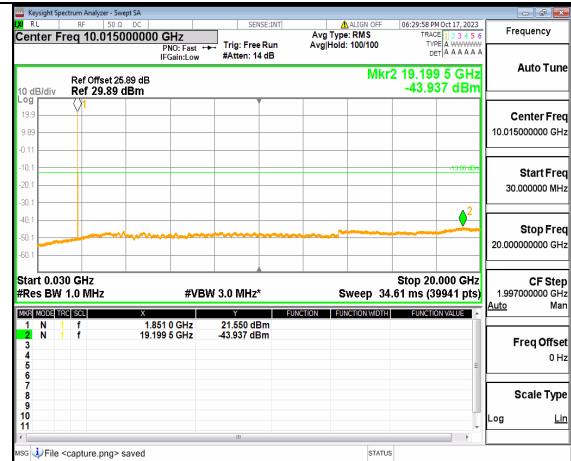
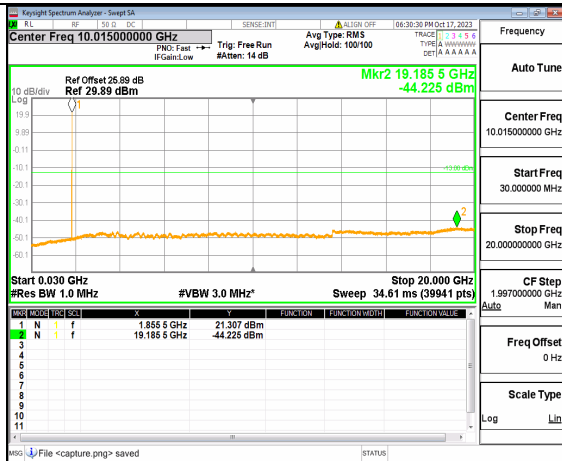
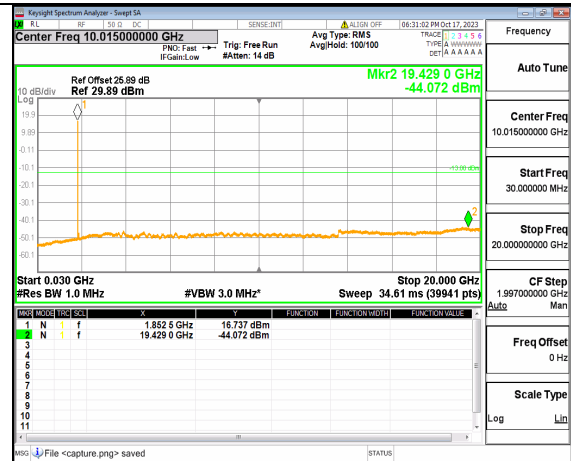
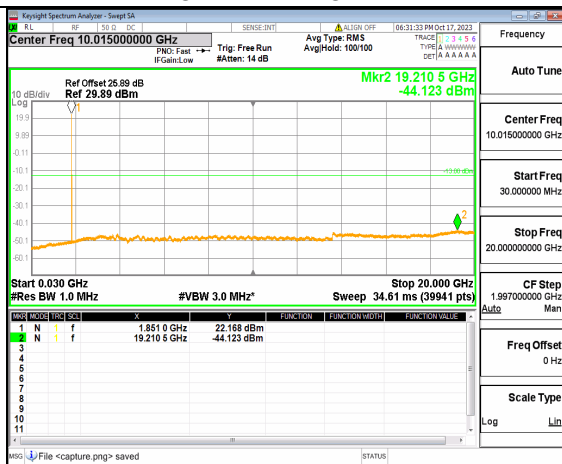
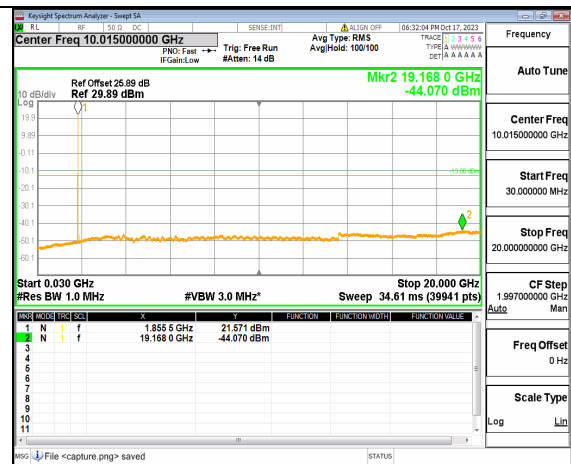


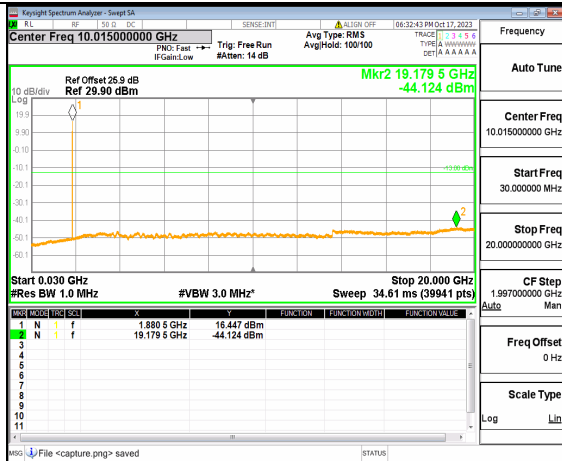
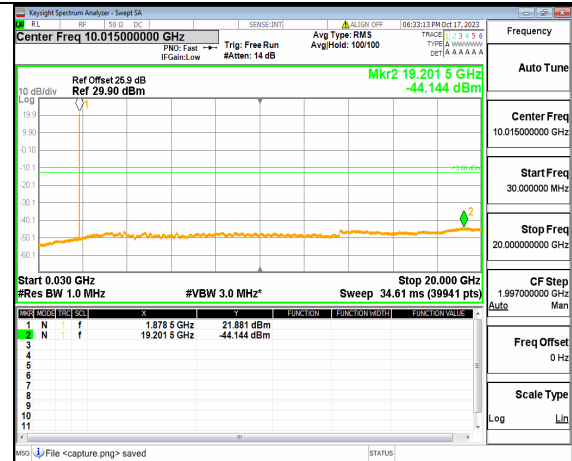
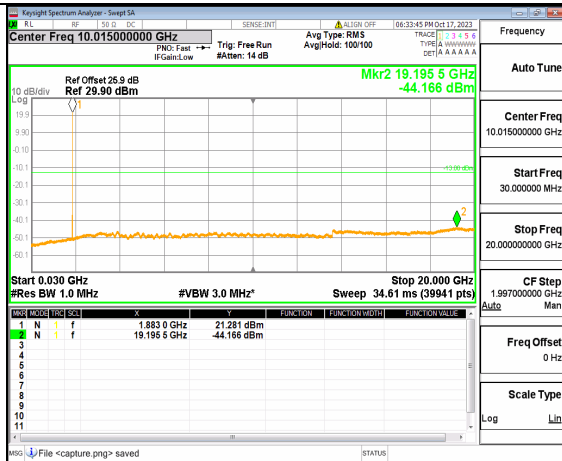
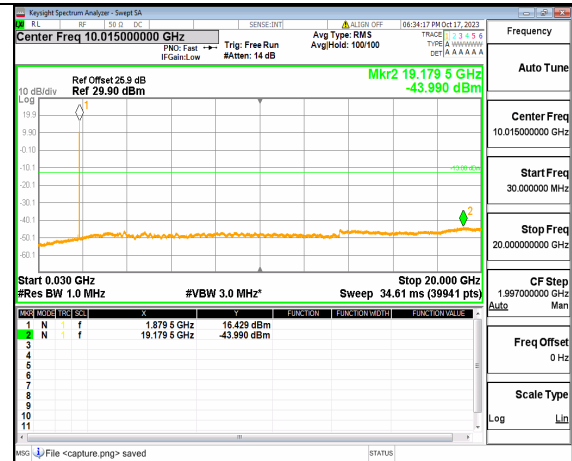
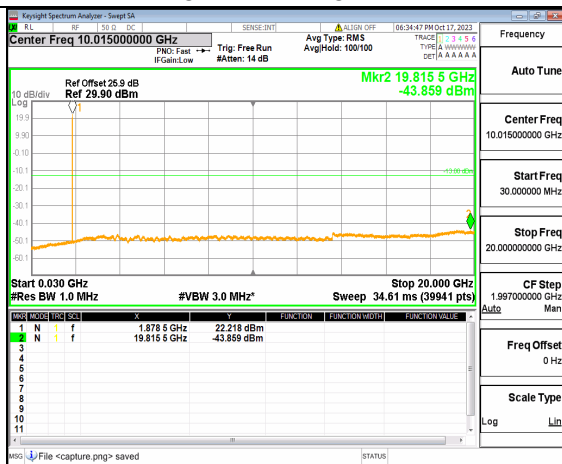
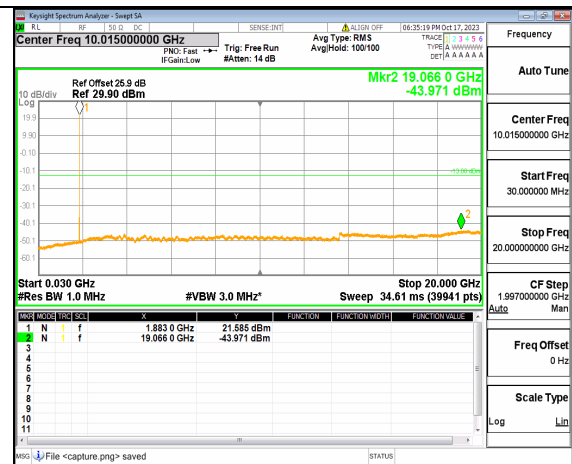
The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum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

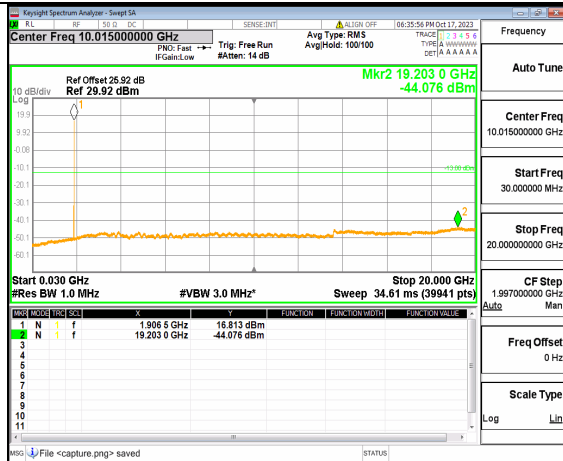
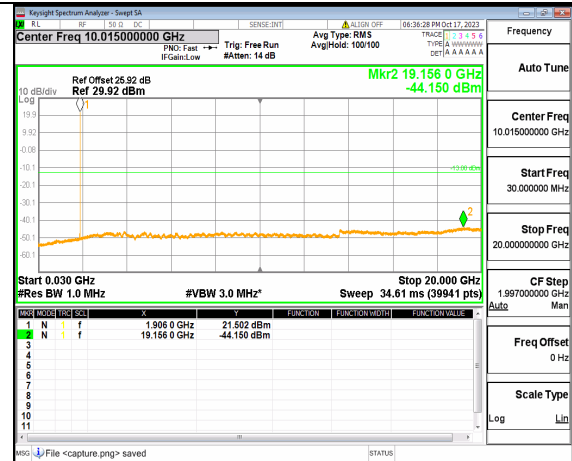
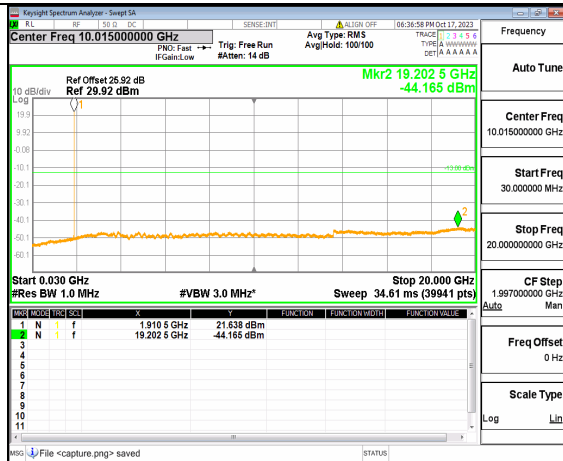
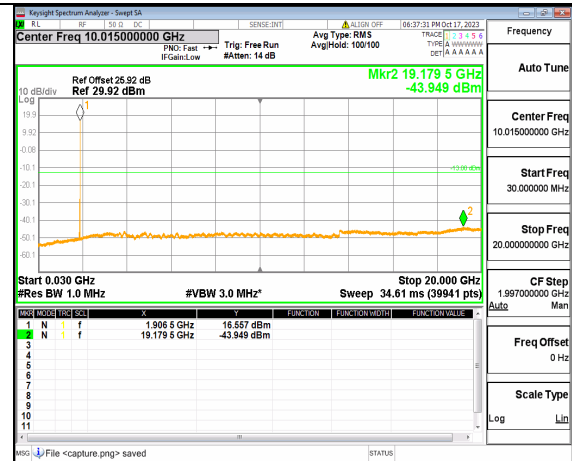
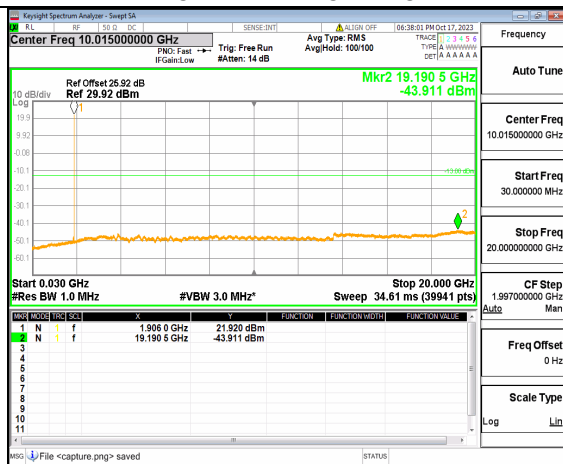
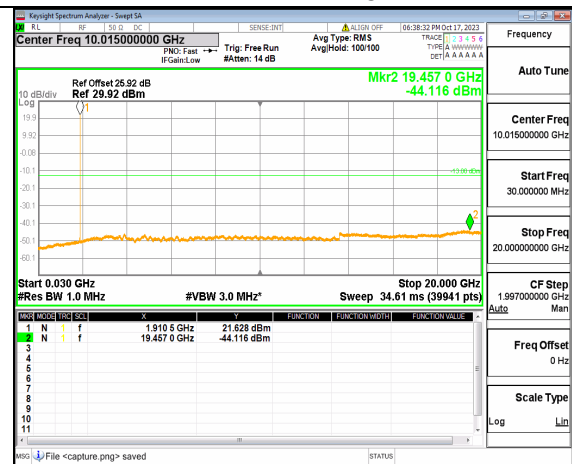
2.5.3. Test procedure

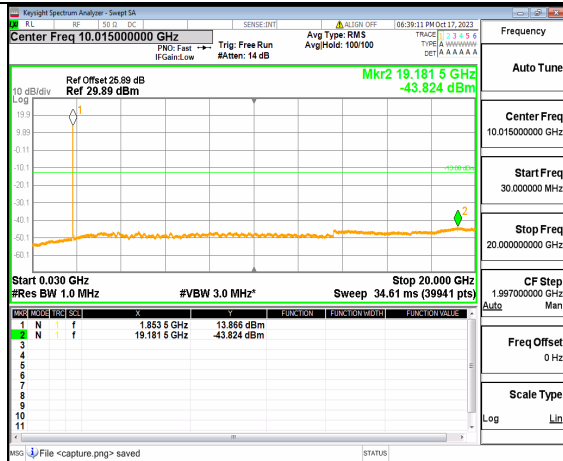
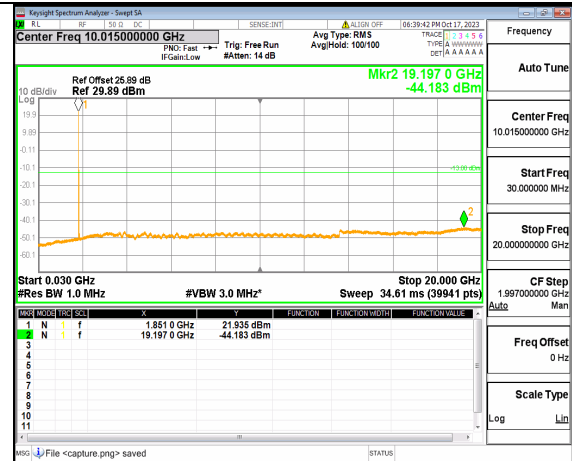
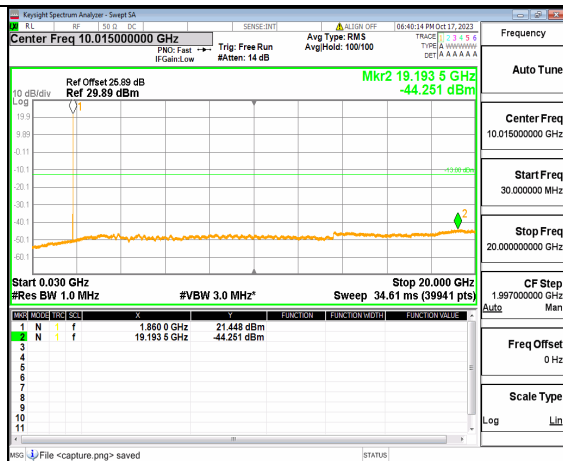
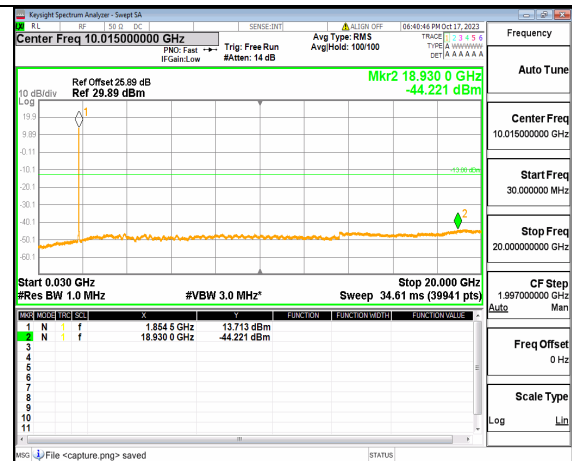
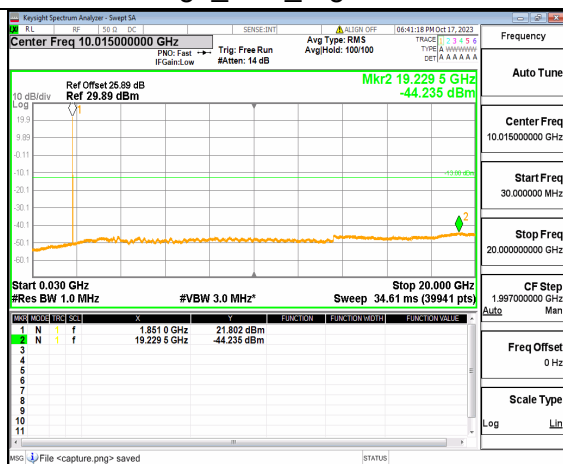
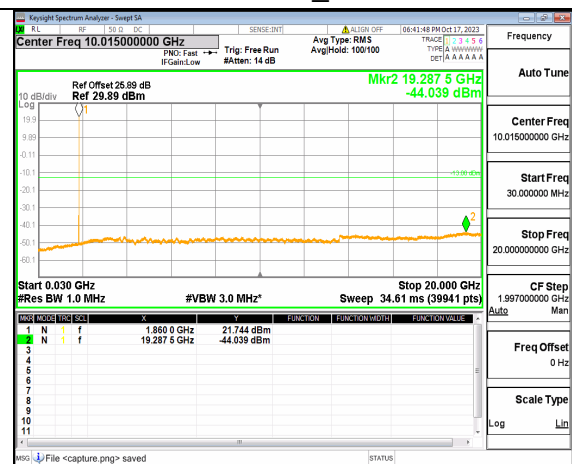
KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.

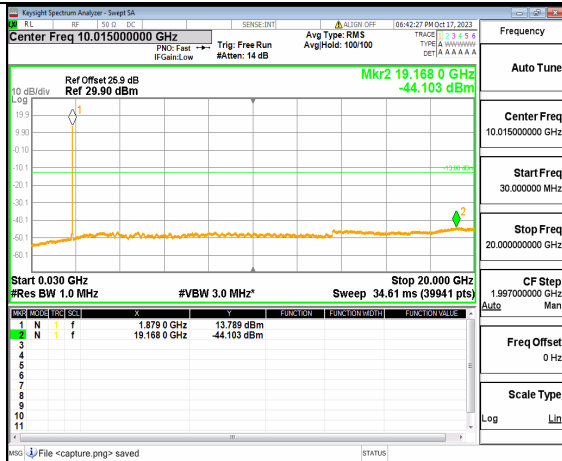
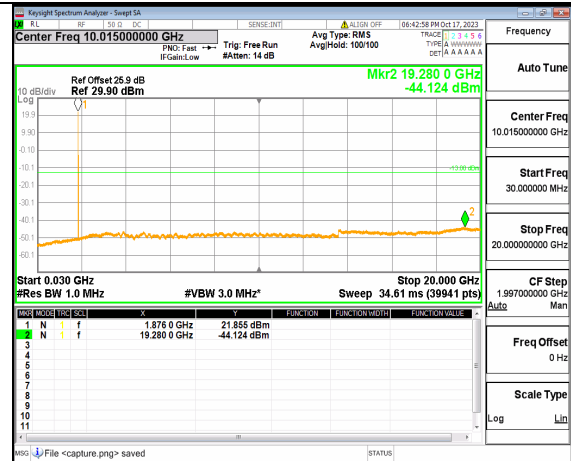
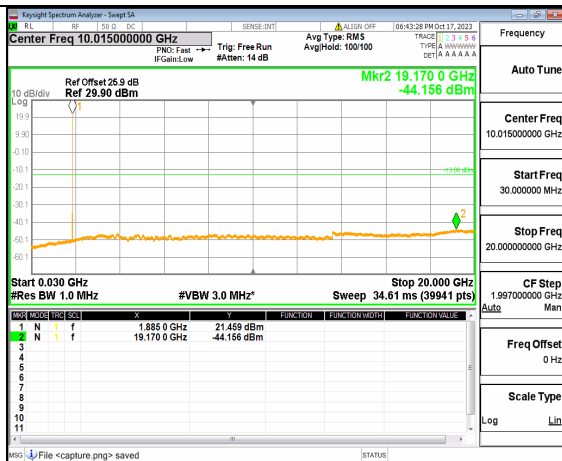
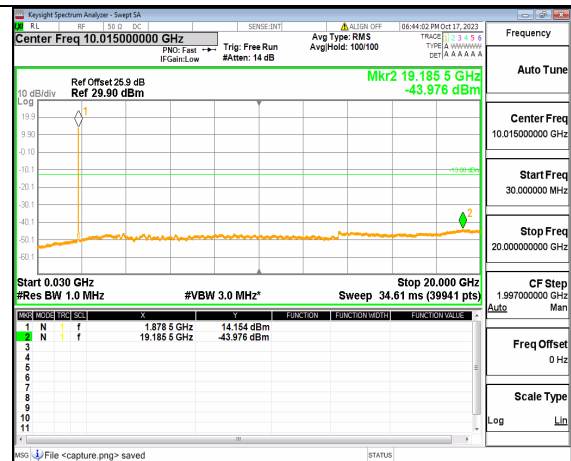
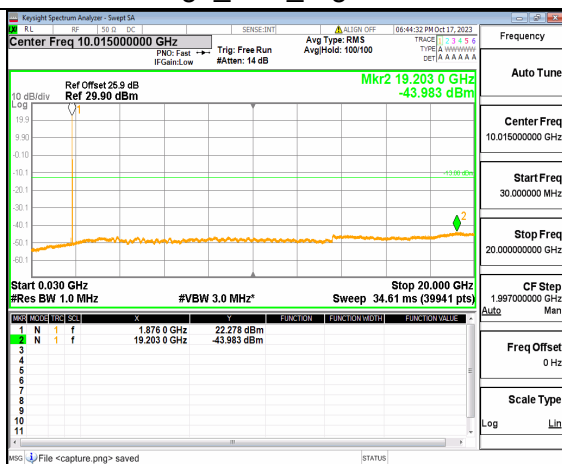
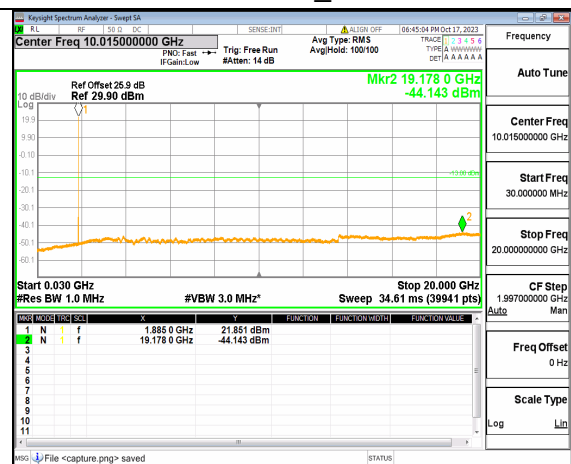
2.5.4. Test Result

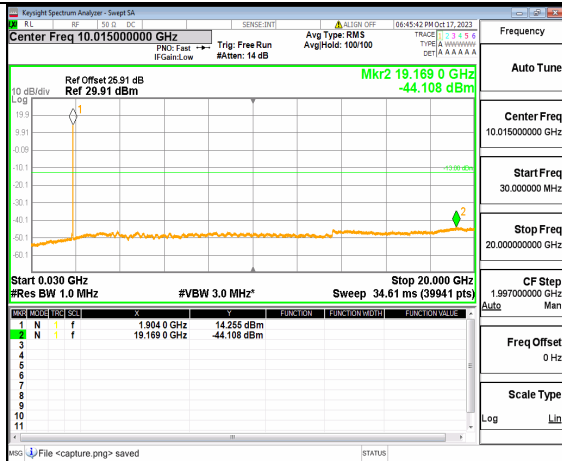
5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM BPSK
Outer_Full Low5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM BPSK
Edge_1RB_Left Low5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM BPSK
Edge_1RB_Right Low5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM QPSK
Outer_Full Low5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM QPSK
Edge_1RB_Left Low5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM QPSK
Edge_1RB_Right Low

5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM BPSK
Outer_Full Mid5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM BPSK
Edge_1RB_Left Mid5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM BPSK
Edge_1RB_Right Mid5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM QPSK
Outer_Full Mid5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM QPSK
Edge_1RB_Left Mid5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM QPSK
Edge_1RB_Right Mid

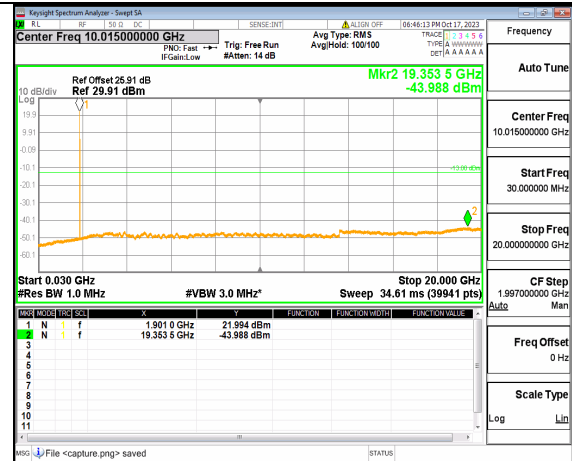
5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM BPSK
Outer_Full High5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM BPSK
Edge_1RB_Left High5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM BPSK
Edge_1RB_Right High5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM QPSK
Outer_Full High5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM QPSK
Edge_1RB_Left High5A_n2 (30MHz-20GHz) 5M DFT-s-OFDM QPSK
Edge_1RB_Right High

5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM BPSK
Outer_Full Low5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM BPSK
Edge_1RB_Left Low5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM BPSK
Edge_1RB_Right Low5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Outer_Full Low5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM QPSK
Edge_1RB_Left Low5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Edge_1RB_Right Low

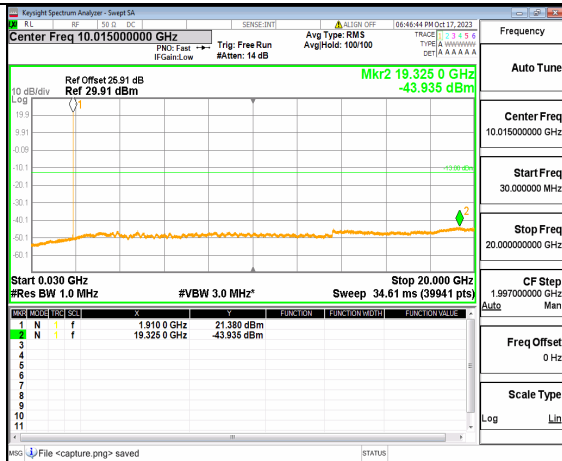
5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM BPSK
Outer_Full Mid5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM BPSK
Edge_1RB_Left Mid5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM BPSK
Edge_1RB_Right Mid5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Outer_Full Mid5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM QPSK
Edge_1RB_Left Mid5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Edge_1RB_Right Mid



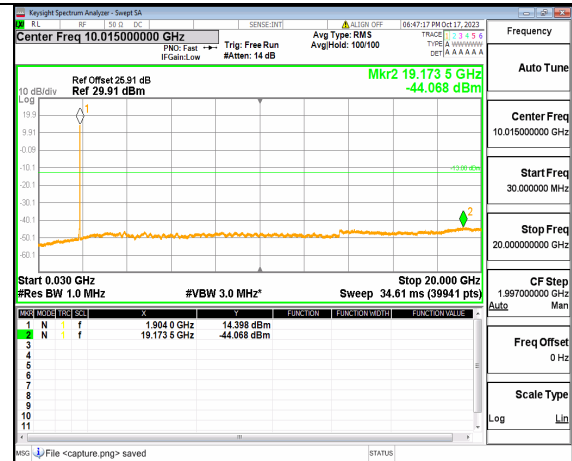
5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM BPSK
Outer_Full High



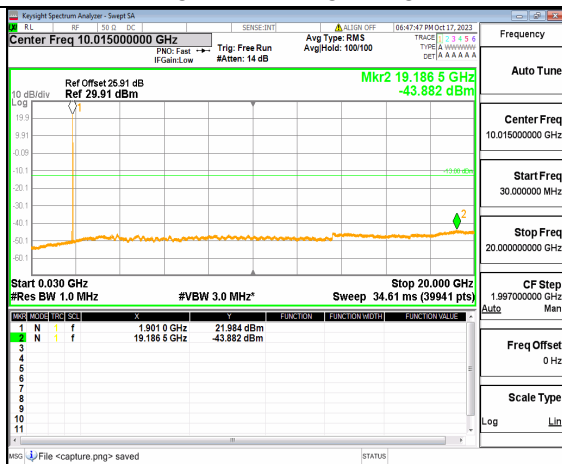
5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM BPSK
Edge_1RB_Left High



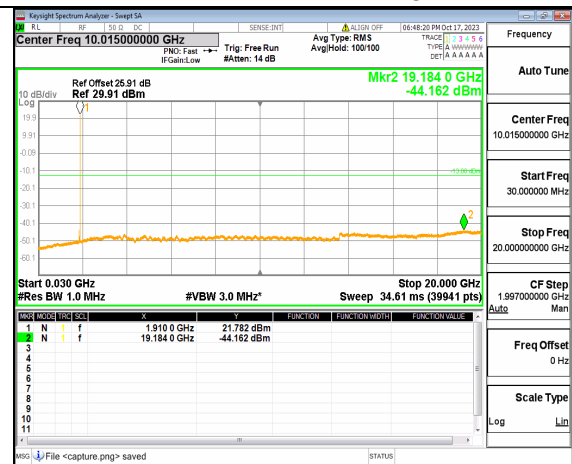
5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM BPSK
Edge_1RB_Right High



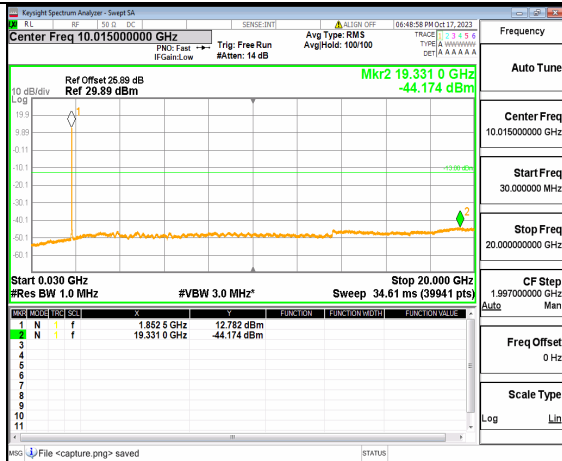
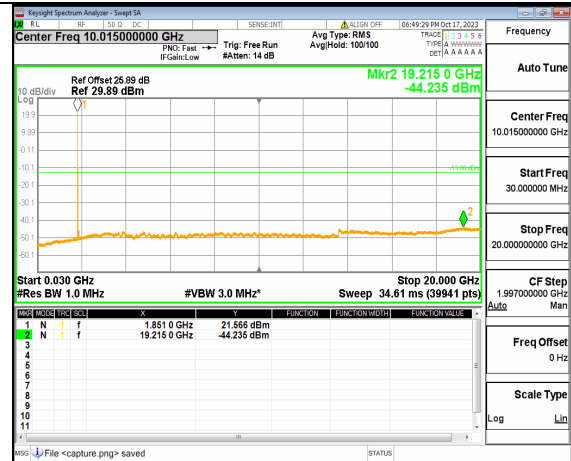
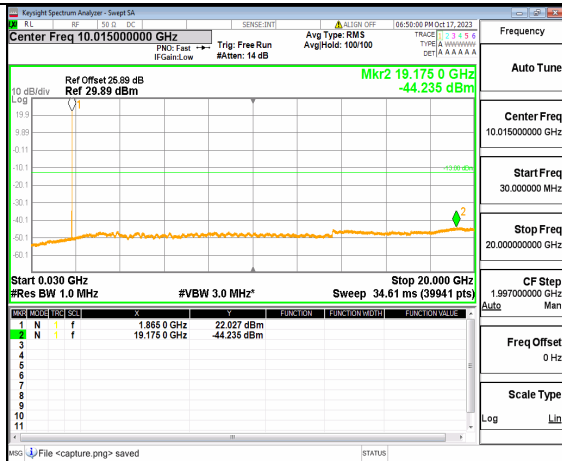
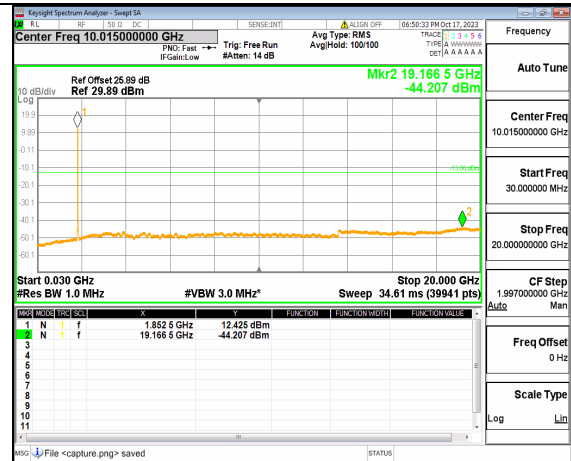
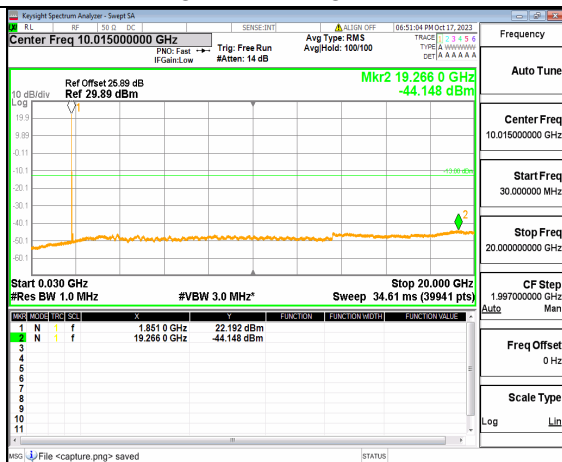
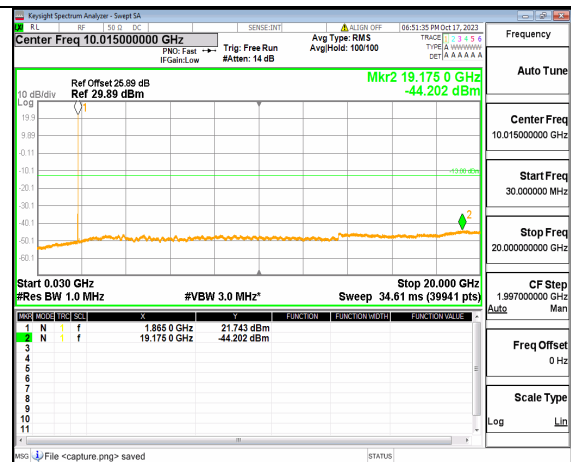
5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Outer_Full High

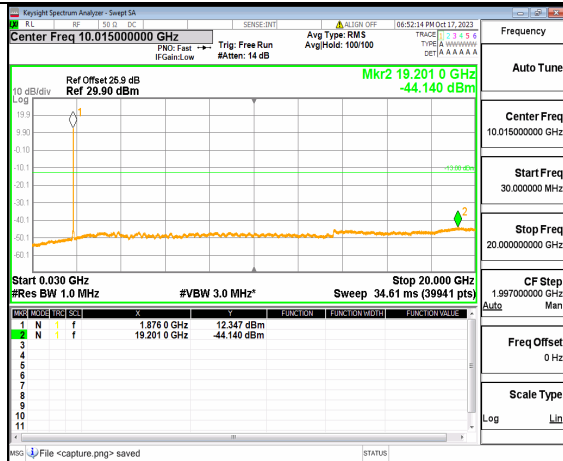
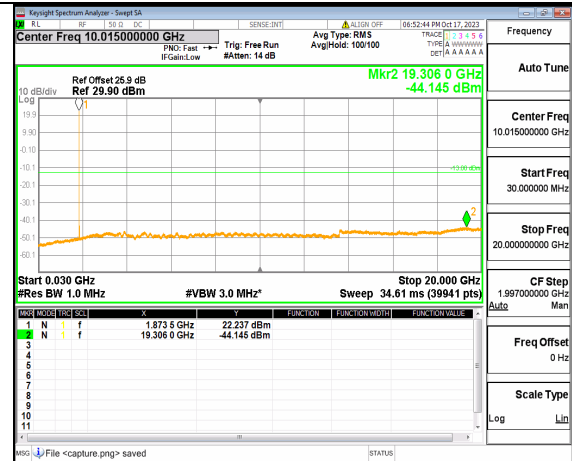
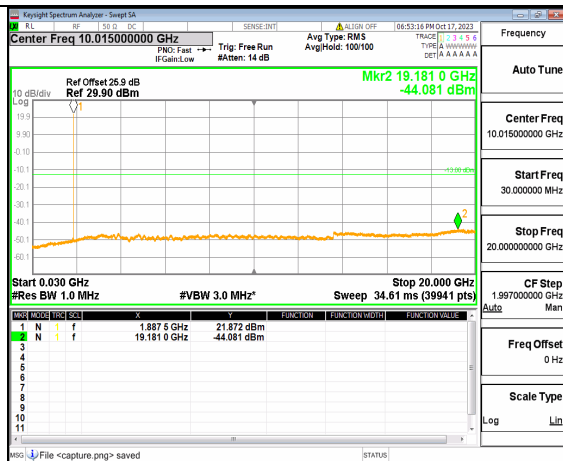
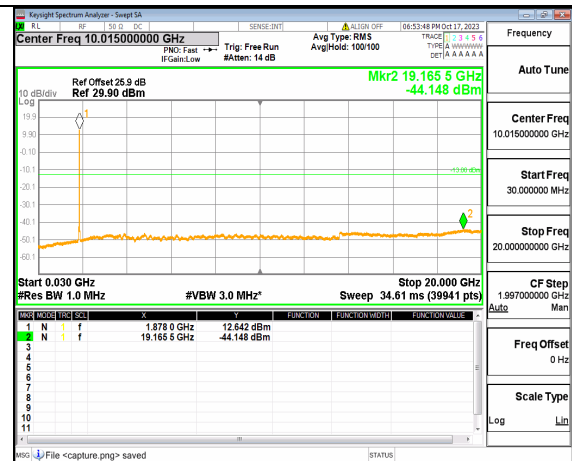
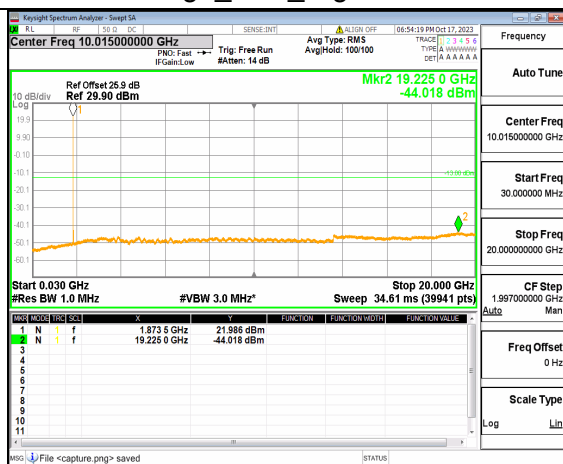
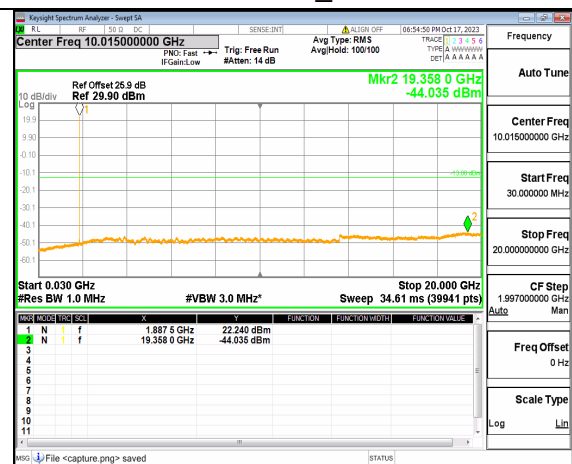


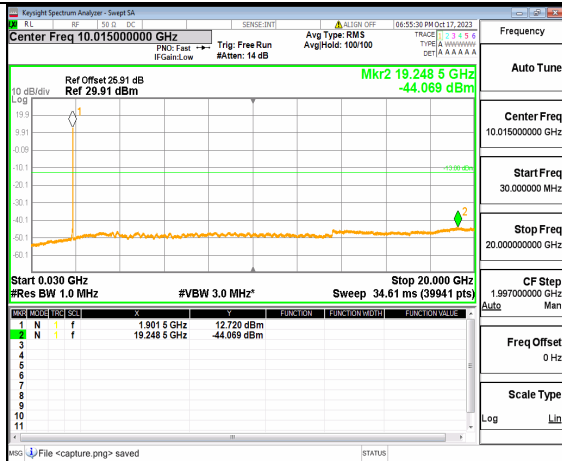
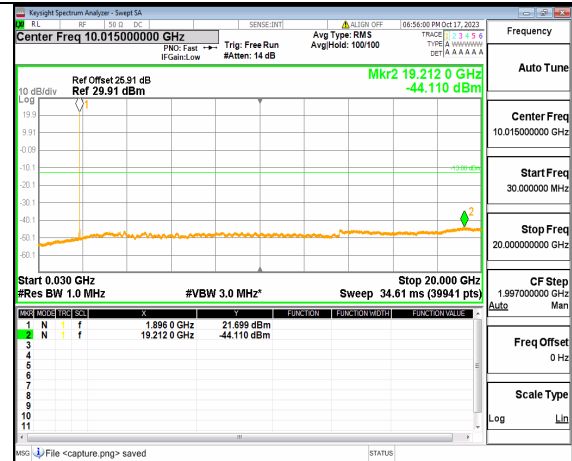
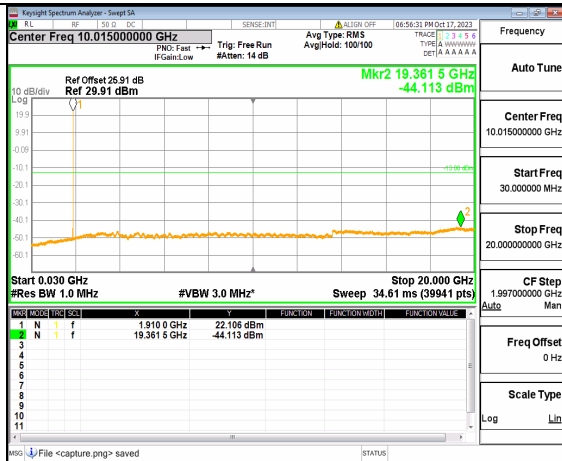
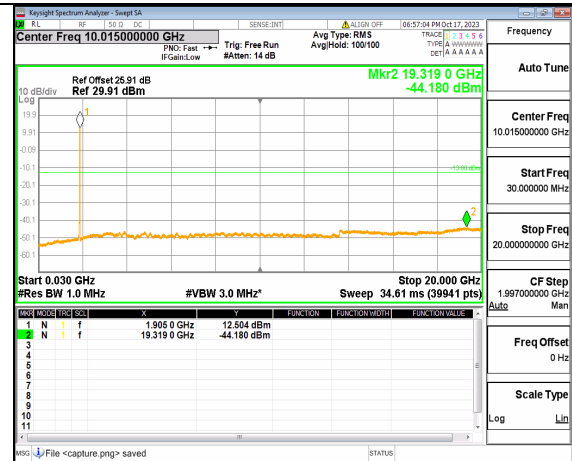
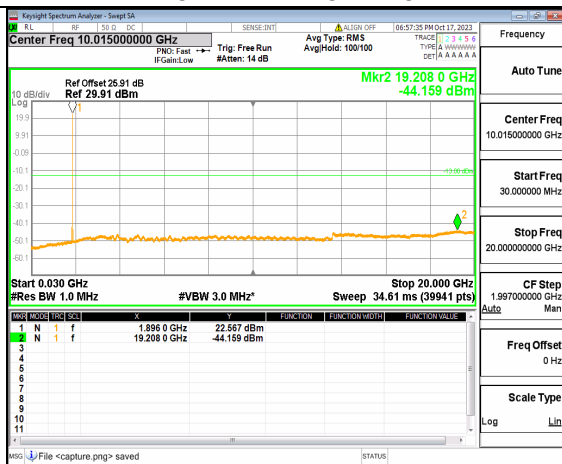
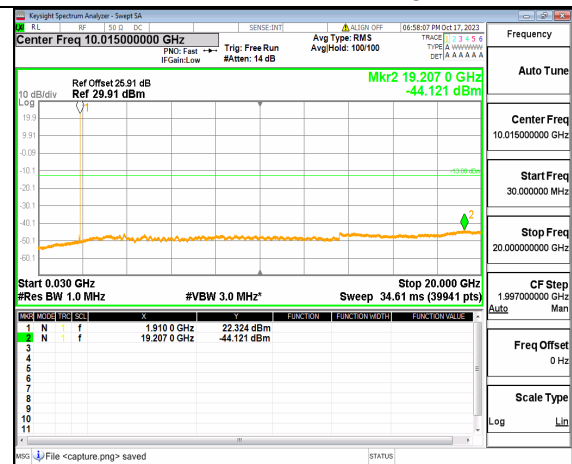
5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM QPSK
Edge_1RB_Left High

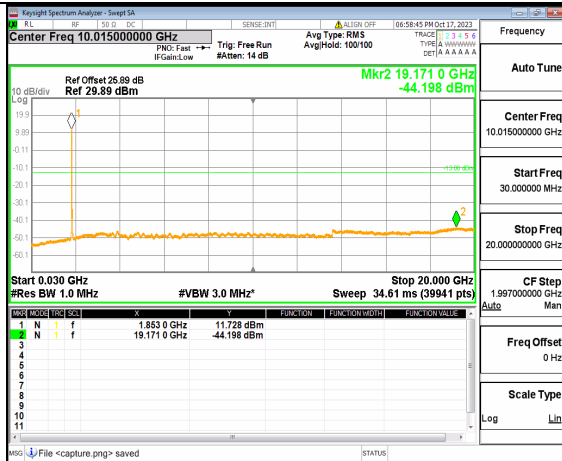
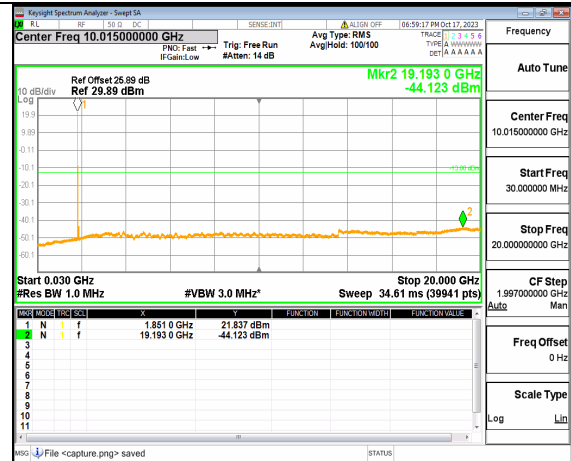
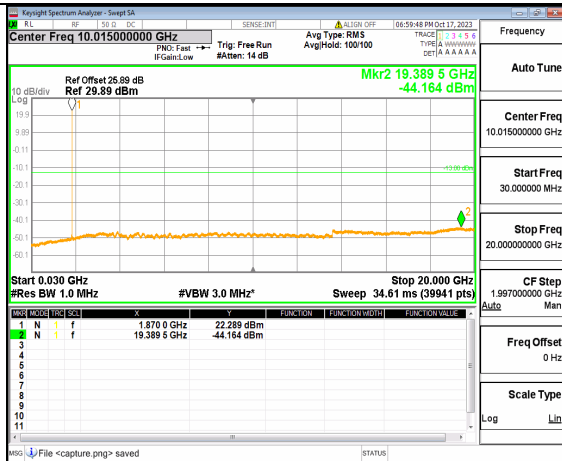
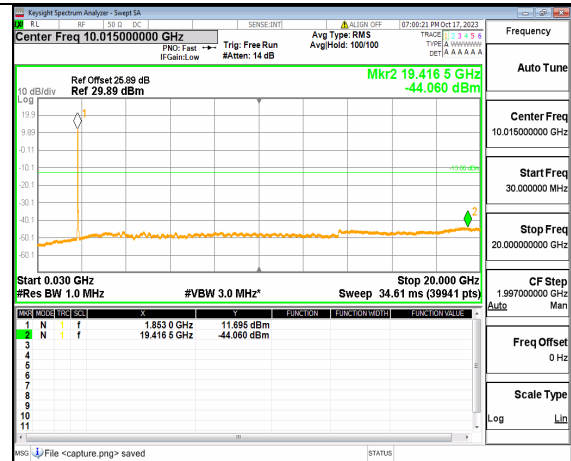
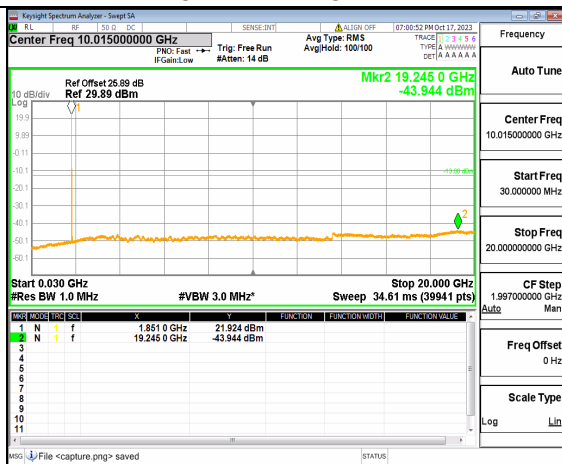
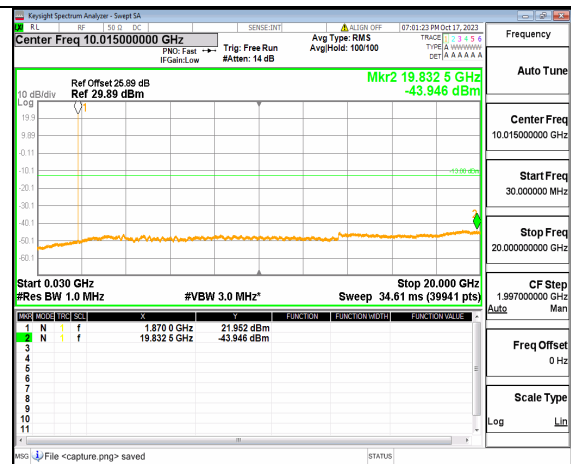


5A_n2 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Edge_1RB_Right High

5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM BPSK
Outer_Full Low5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM BPSK
Edge_1RB_Left Low5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM BPSK
Edge_1RB_Right Low5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Outer_Full Low5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM QPSK
Edge_1RB_Left Low5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Edge_1RB_Right Low

5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM BPSK
Outer_Full Mid5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM BPSK
Edge_1RB_Left Mid5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM BPSK
Edge_1RB_Right Mid5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Outer_Full Mid5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM QPSK
Edge_1RB_Left Mid5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Edge_1RB_Right Mid

5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM BPSK
Outer_Full High5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM BPSK
Edge_1RB_Left High5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM BPSK
Edge_1RB_Right High5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Outer_Full High5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM QPSK
Edge_1RB_Left High5A_n2 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Edge_1RB_Right High

5A_n2 (30MHz-20GHz) 20M DFT-s-OFDM BPSK
Outer_Full Low5A_n2 (30MHz-20GHz) 20M DFT-s-OFDM BPSK
Edge_1RB_Left Low5A_n2 (30MHz-20GHz) 20M DFT-s-OFDM BPSK
Edge_1RB_Right Low5A_n2 (30MHz-20GHz) 20M DFT-s-OFDM
QPSK Outer_Full Low5A_n2 (30MHz-20GHz) 20M DFT-s-OFDM QPSK
Edge_1RB_Left Low5A_n2 (30MHz-20GHz) 20M DFT-s-OFDM
QPSK Edge_1RB_Right Low