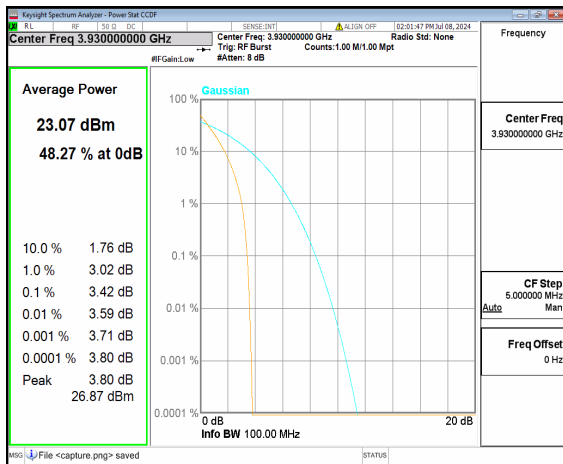
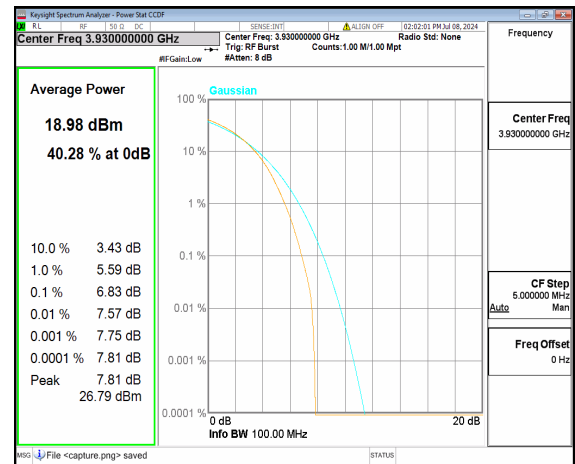
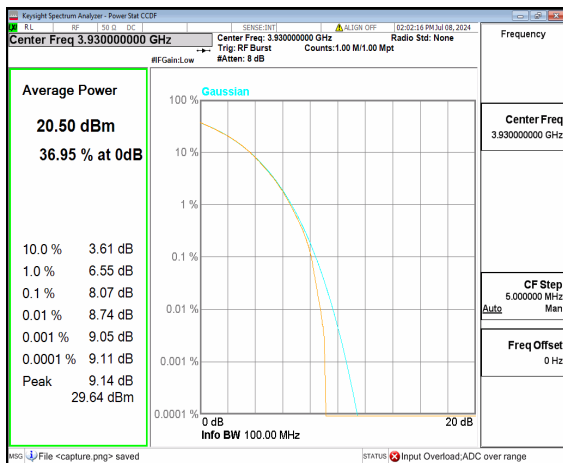
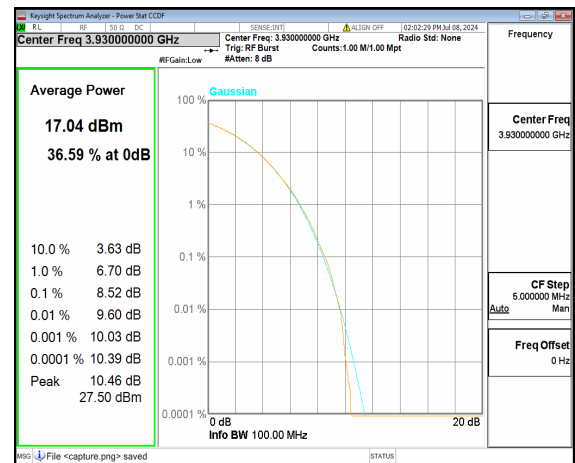


n77(3700-3980MHz) 100M DFT-s-OFDM BPSK
Outer_Full Highn77(3700-3980MHz) 100M DFT-s-OFDM
256QAM Outer_Full Highn77(3700-3980MHz) 100M CP-OFDM QPSK
Outer_Full Highn77(3700-3980MHz) 100M CP-OFDM 256QAM
Outer_Full High

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 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.

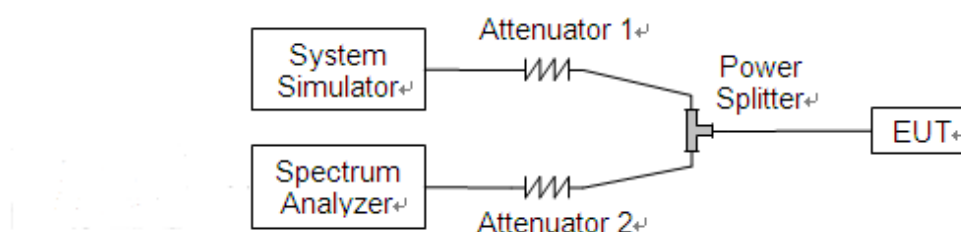
According to FCC section 27.53(h) for n66, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ dB.

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.

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



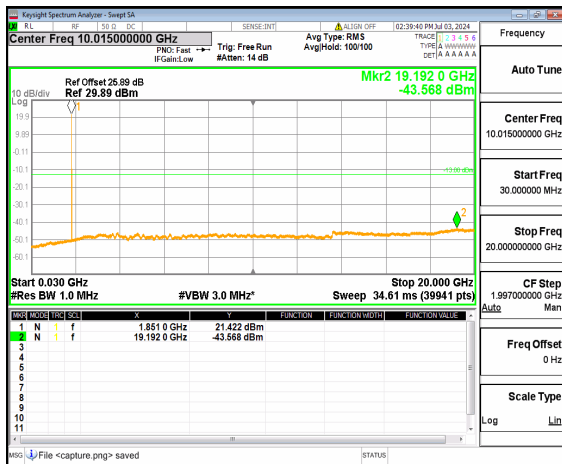
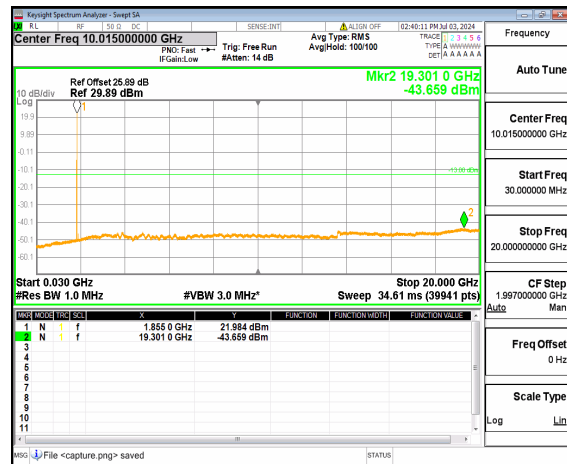
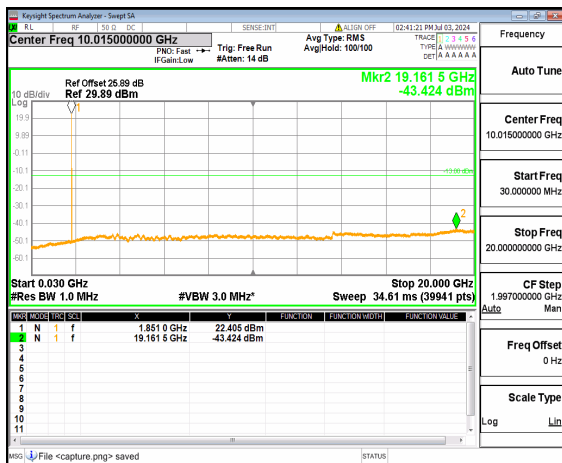
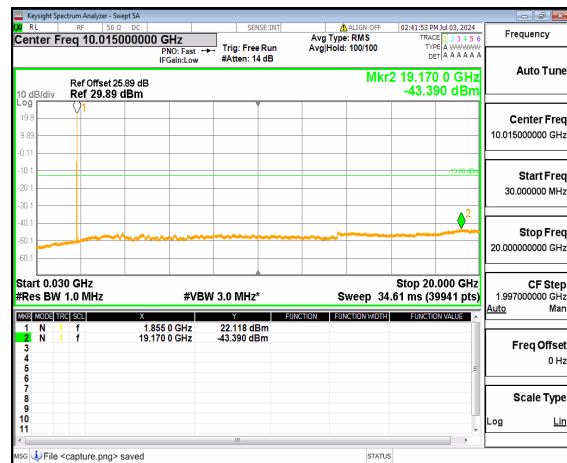
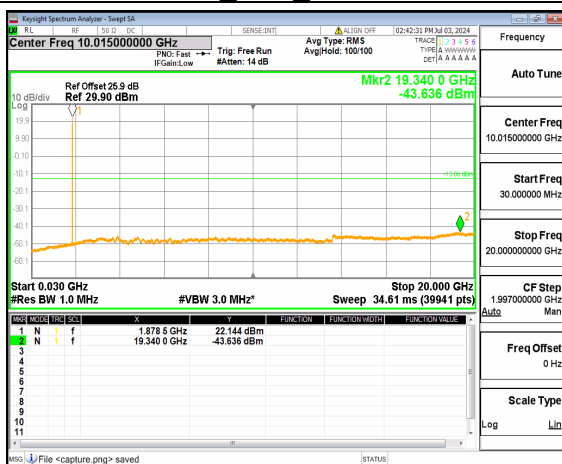
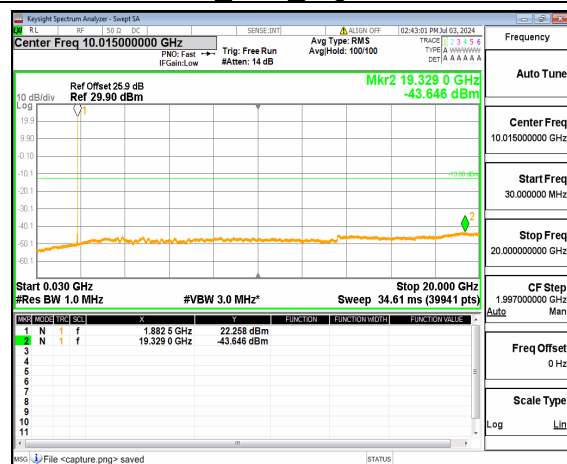


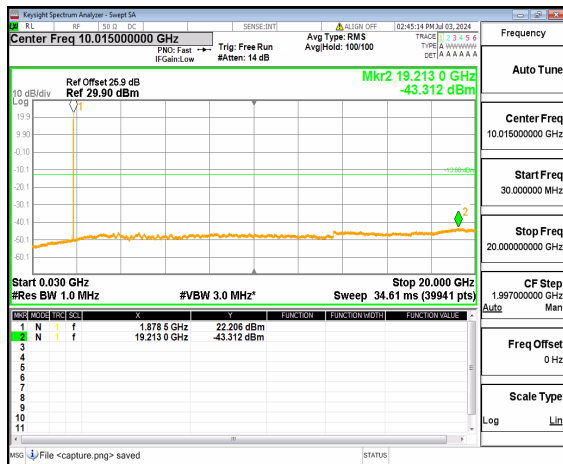
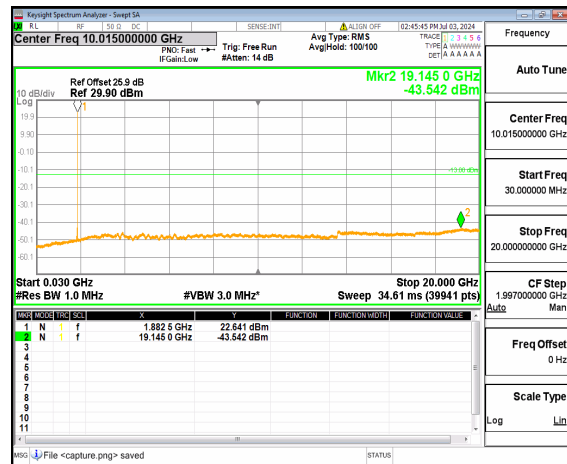
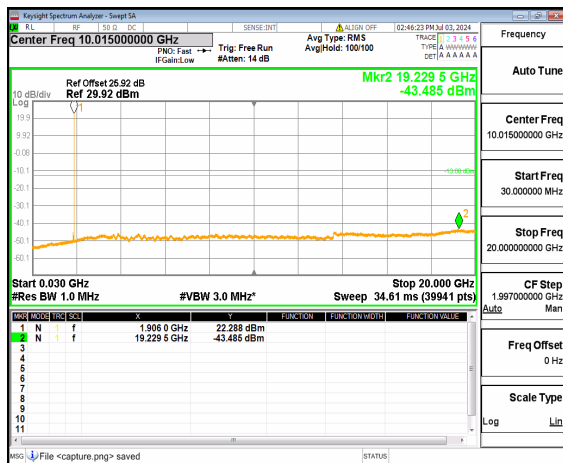
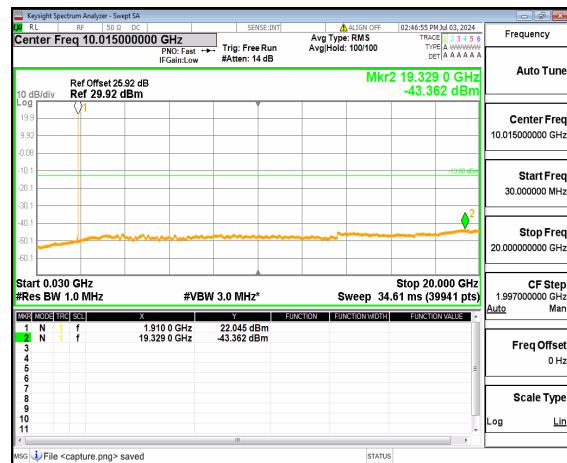
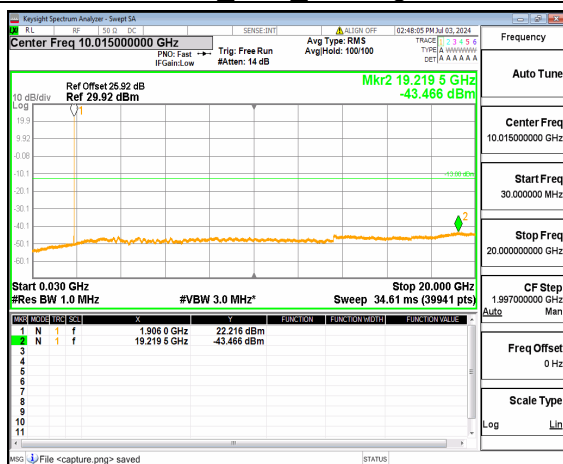
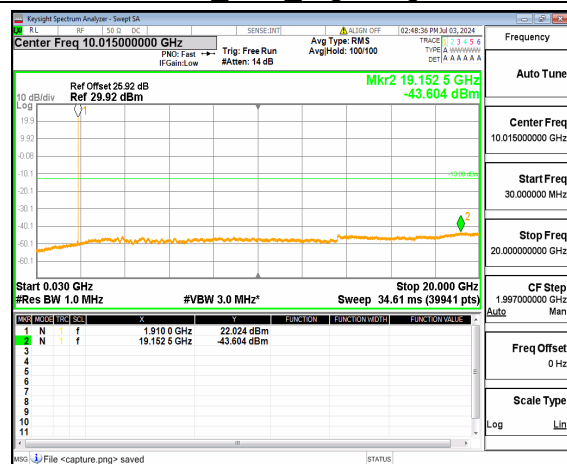
The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum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

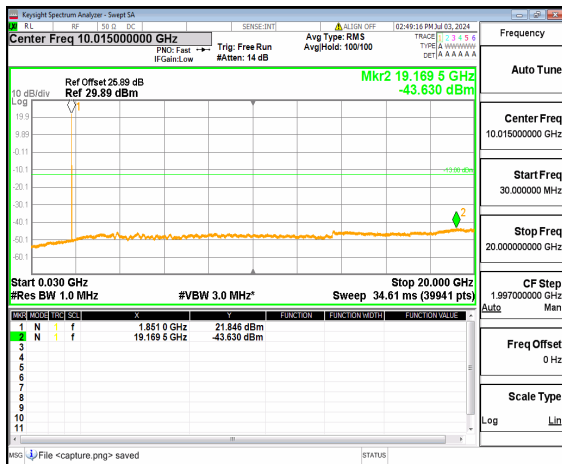
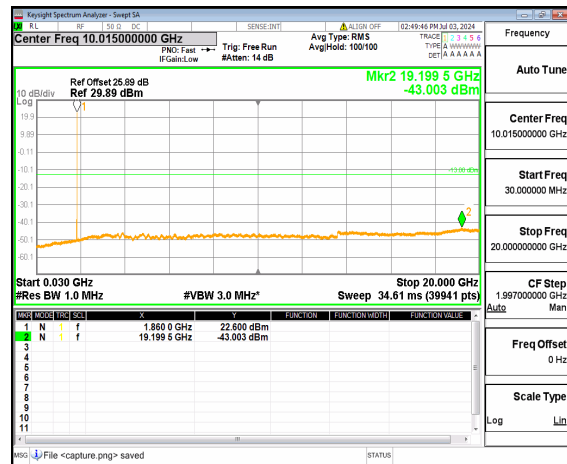
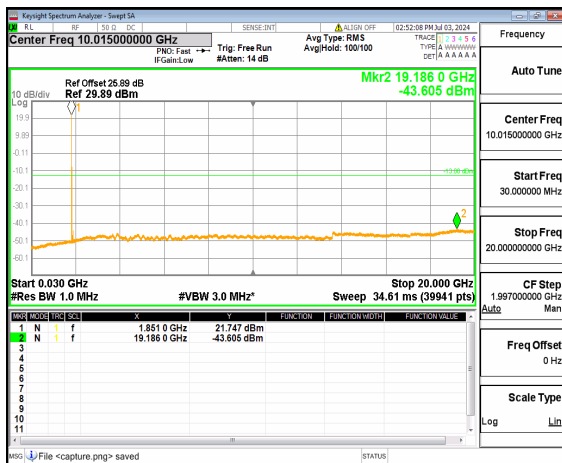
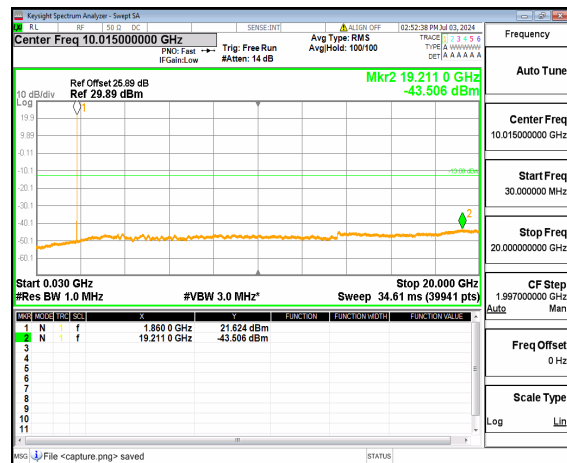
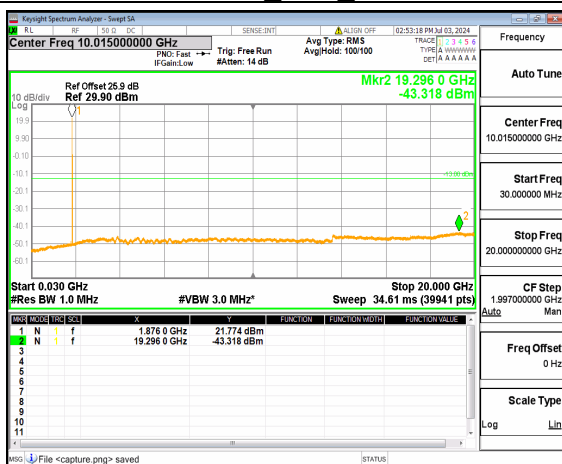
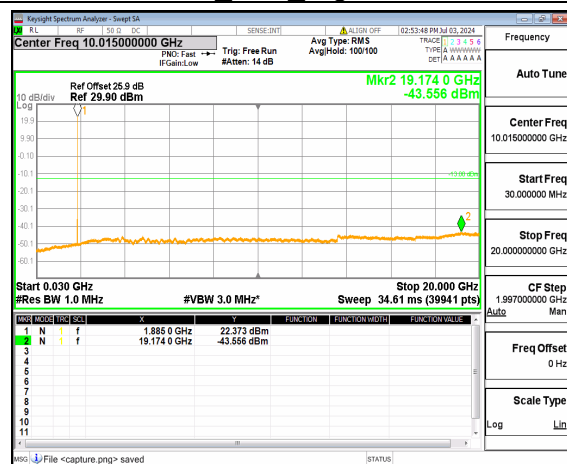
2.5.3.Test procedure

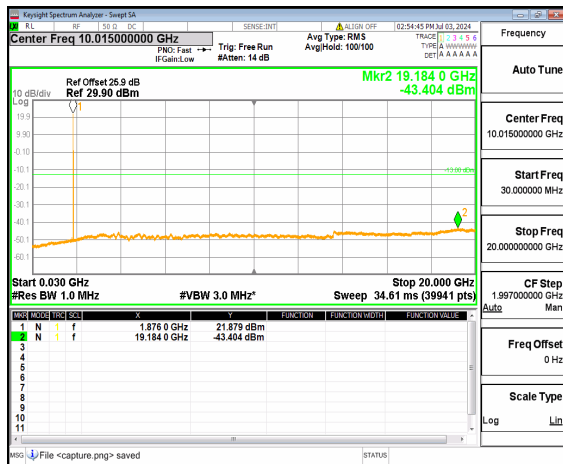
KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.

2.5.4.Test Result

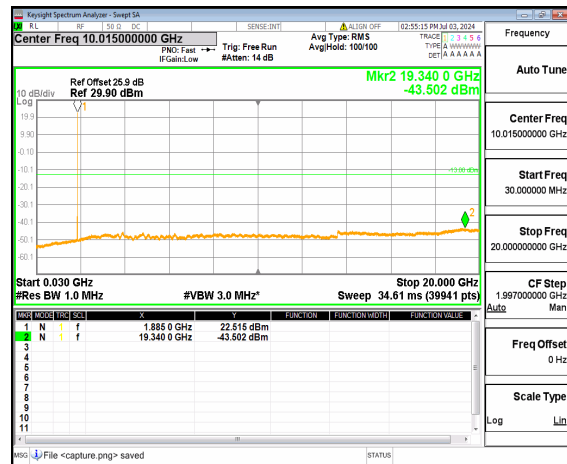
n2 (30MHz-20GHz) 5M DFT-s-OFDM BPSK
Inner_1RB_Left Lown2 (30MHz-20GHz) 5M DFT-s-OFDM BPSK
Inner_1RB_Right Lown2 (30MHz-20GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Left Lown2 (30MHz-20GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Right Lown2 (30MHz-20GHz) 5M DFT-s-OFDM BPSK
Inner_1RB_Left Midn2 (30MHz-20GHz) 5M DFT-s-OFDM 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

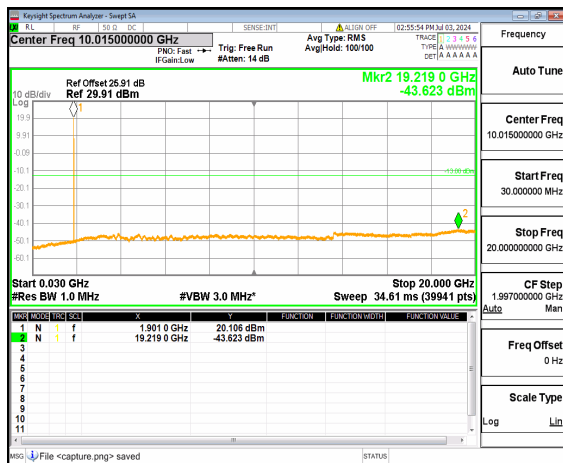
n2 (30MHz-20GHz) 10M DFT-s-OFDM BPSK
Inner_1RB_Left Lown2 (30MHz-20GHz) 10M DFT-s-OFDM BPSK
Inner_1RB_Right Lown2 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Inner_1RB_Left Lown2 (30MHz-20GHz) 10M DFT-s-OFDM QPSK
Inner_1RB_Right Lown2 (30MHz-20GHz) 10M DFT-s-OFDM BPSK
Inner_1RB_Left Midn2 (30MHz-20GHz) 10M DFT-s-OFDM BPSK
Inner_1RB_Right Mid



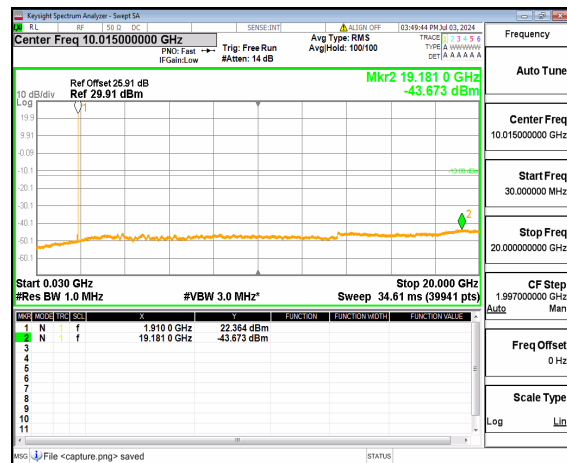
n2 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Inner_1RB_Left Mid



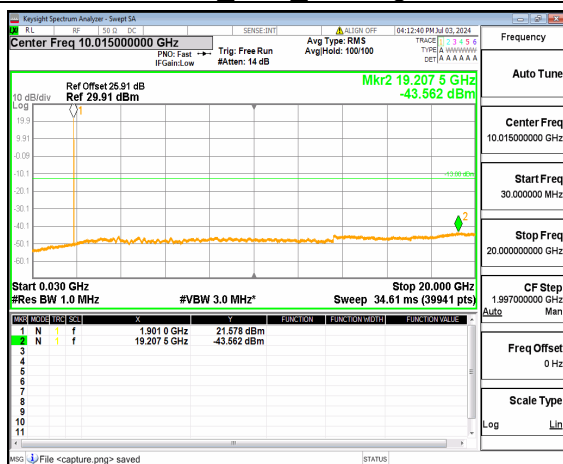
n2 (30MHz-20GHz) 10M DFT-s-OFDM QPSK
Inner_1RB_Right Mid



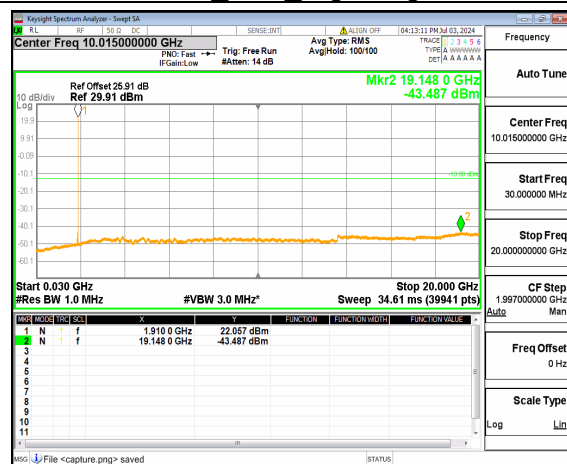
n2 (30MHz-20GHz) 10M DFT-s-OFDM BPSK
Inner_1RB_Left High



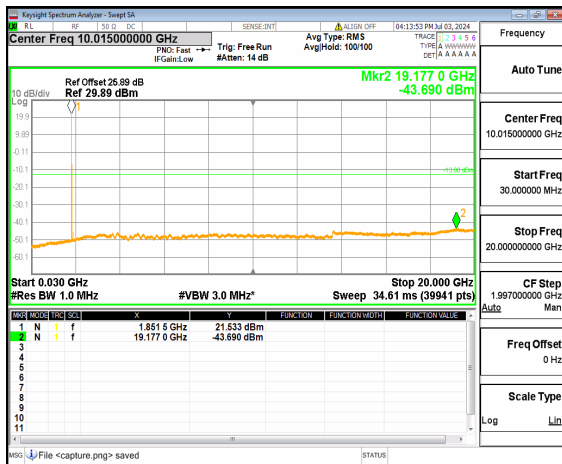
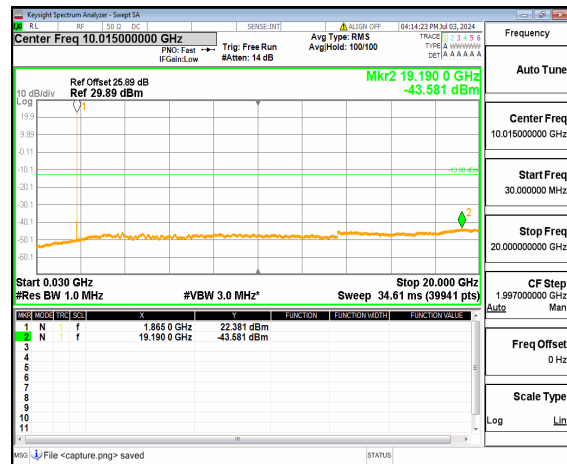
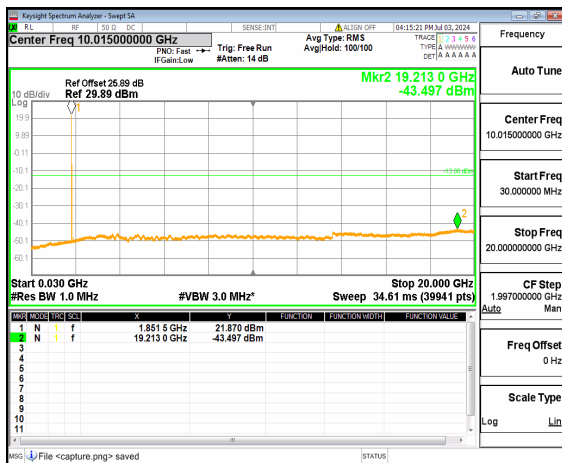
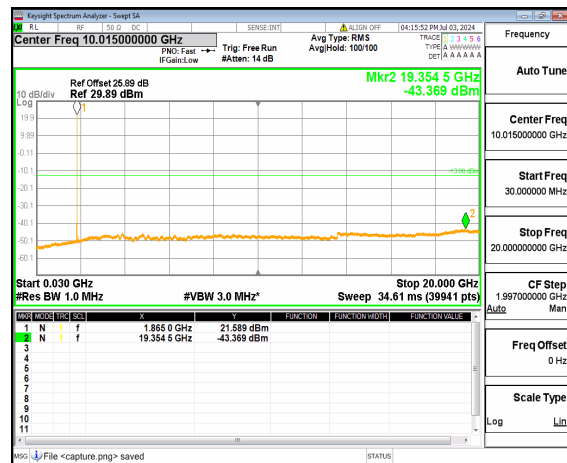
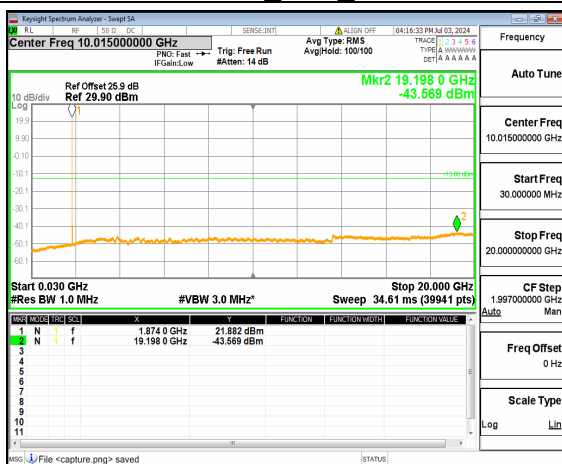
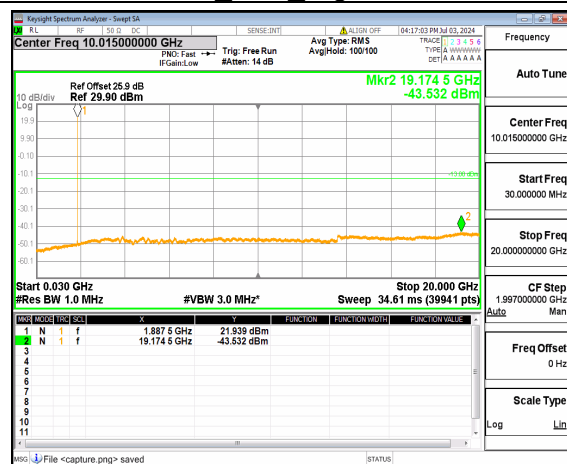
n2 (30MHz-20GHz) 10M DFT-s-OFDM BPSK
Inner_1RB_Right High

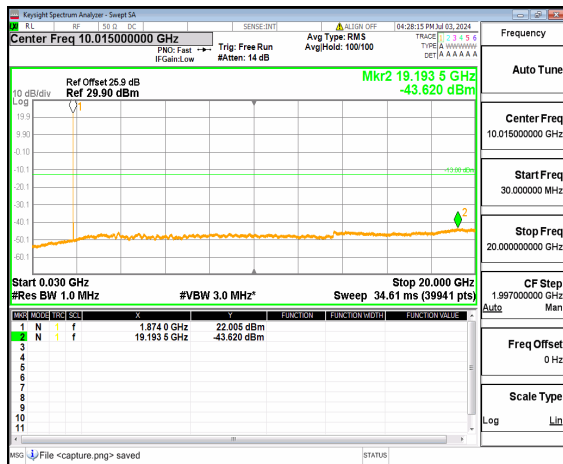


n2 (30MHz-20GHz) 10M DFT-s-OFDM
QPSK Inner_1RB_Left High

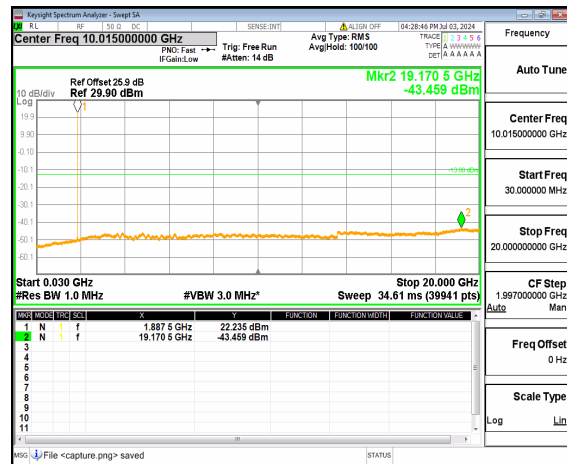


n2 (30MHz-20GHz) 10M DFT-s-OFDM QPSK
Inner_1RB_Right High

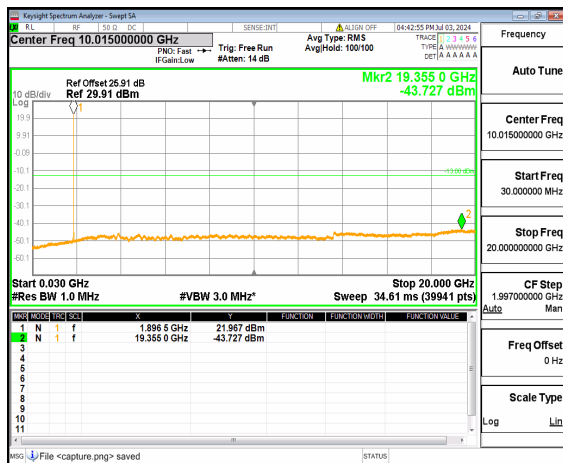
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Inner_1RB_Left Lown2 (30MHz-20GHz) 15M DFT-s-OFDM BPSK
Inner_1RB_Right Lown2 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Inner_1RB_Left Lown2 (30MHz-20GHz) 15M DFT-s-OFDM QPSK
Inner_1RB_Right Lown2 (30MHz-20GHz) 15M DFT-s-OFDM BPSK
Inner_1RB_Left Midn2 (30MHz-20GHz) 15M DFT-s-OFDM BPSK
Inner_1RB_Right Mid



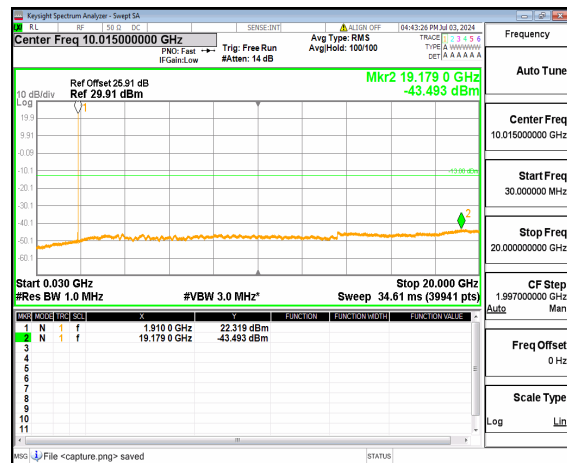
n2 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Inner_1RB_Left Mid



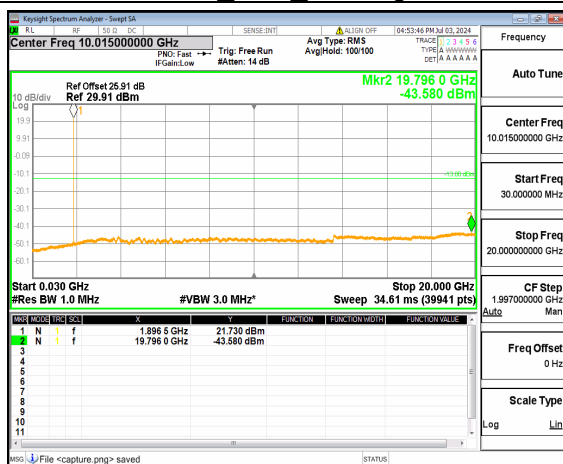
n2 (30MHz-20GHz) 15M DFT-s-OFDM QPSK
Inner_1RB_Right Mid



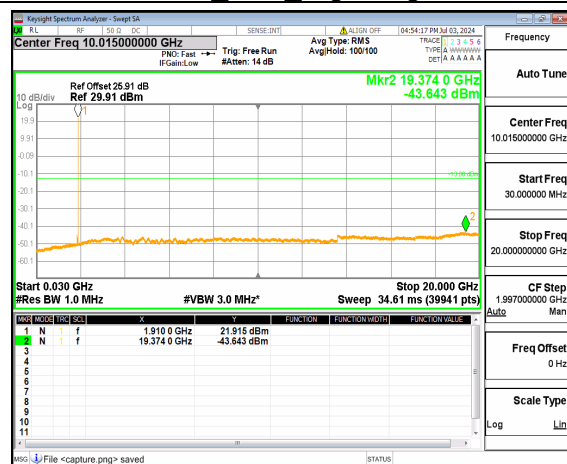
n2 (30MHz-20GHz) 15M DFT-s-OFDM BPSK
Inner_1RB_Left High



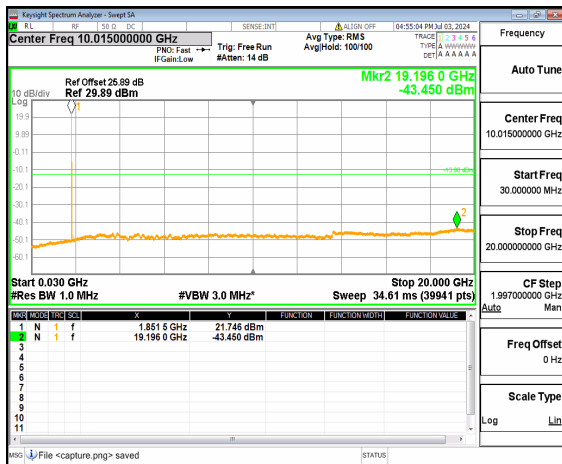
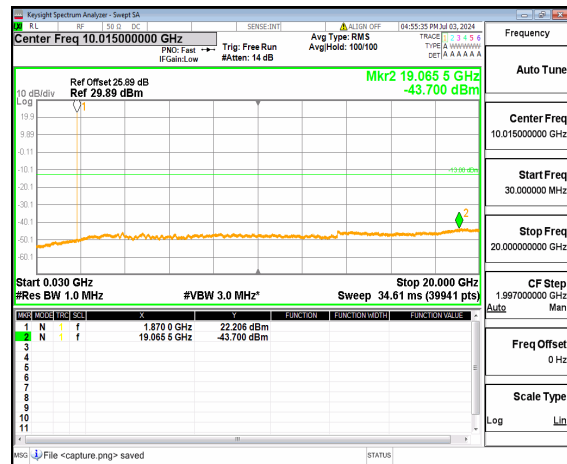
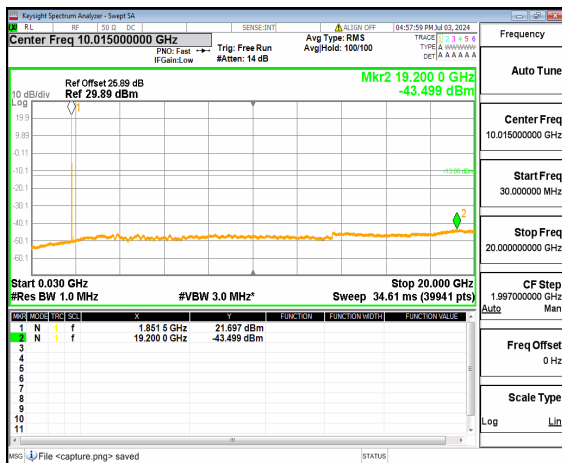
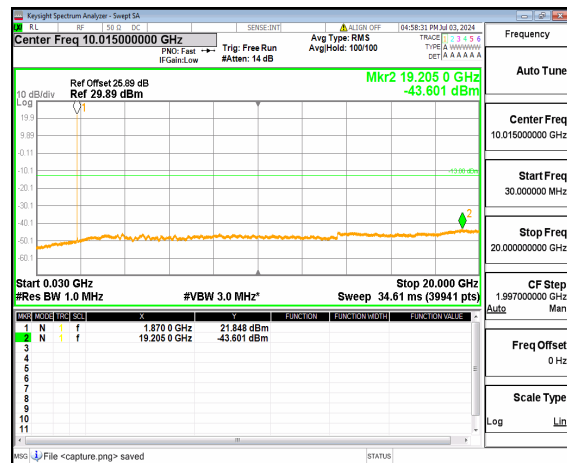
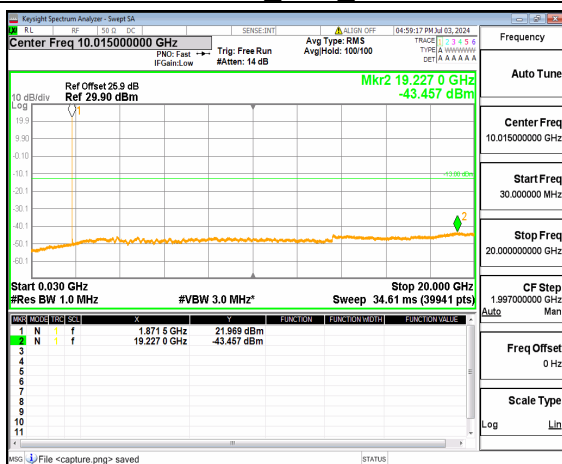
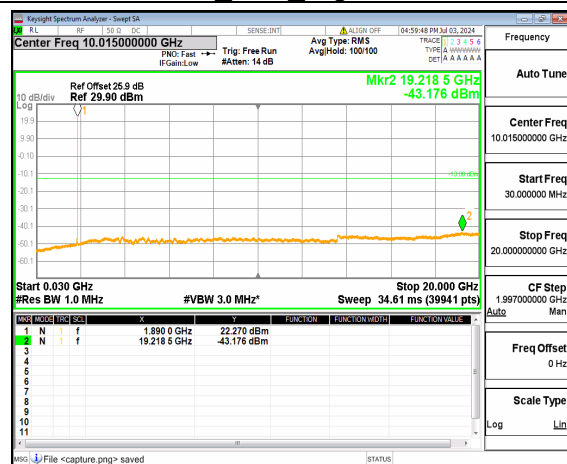
n2 (30MHz-20GHz) 15M DFT-s-OFDM BPSK
Inner_1RB_Right High

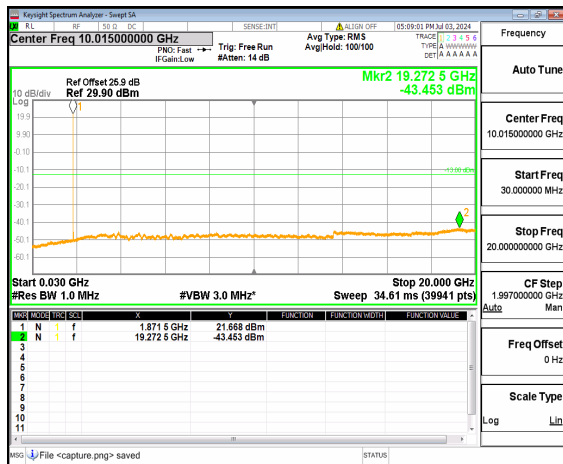


n2 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Inner_1RB_Left High

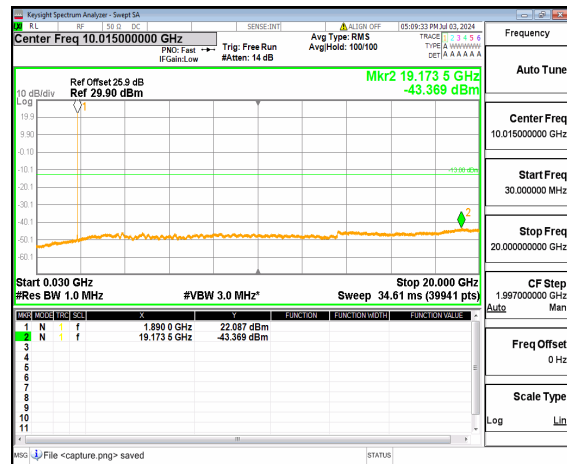


n2 (30MHz-20GHz) 15M DFT-s-OFDM QPSK
Inner_1RB_Right High

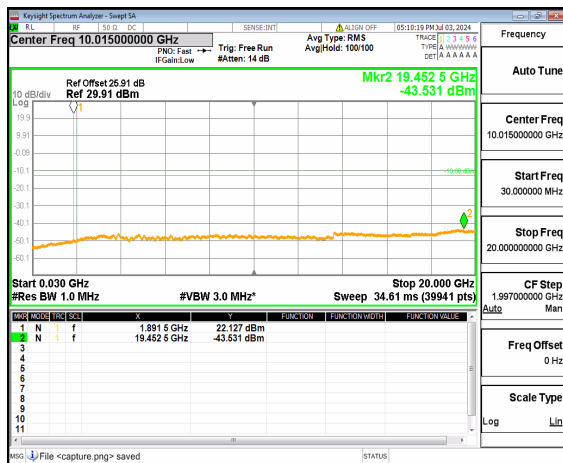
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Inner_1RB_Left Lown2 (30MHz-20GHz) 20M DFT-s-OFDM BPSK
Inner_1RB_Right Lown2 (30MHz-20GHz) 20M DFT-s-OFDM
QPSK Inner_1RB_Left Lown2 (30MHz-20GHz) 20M DFT-s-OFDM QPSK
Inner_1RB_Right Lown2 (30MHz-20GHz) 20M DFT-s-OFDM BPSK
Inner_1RB_Left Midn2 (30MHz-20GHz) 20M DFT-s-OFDM BPSK
Inner_1RB_Right Mid



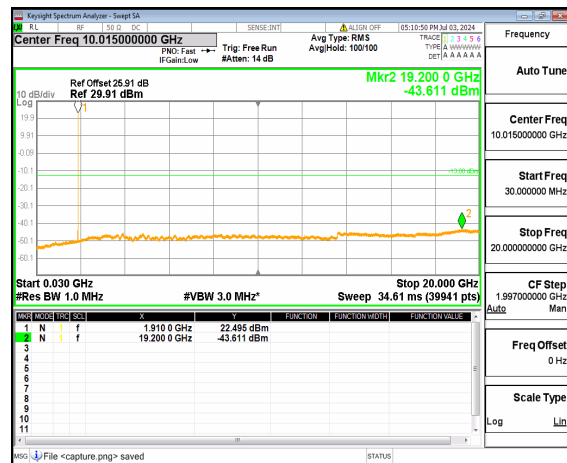
n2 (30MHz-20GHz) 20M DFT-s-OFDM
QPSK Inner_1RB_Left Mid



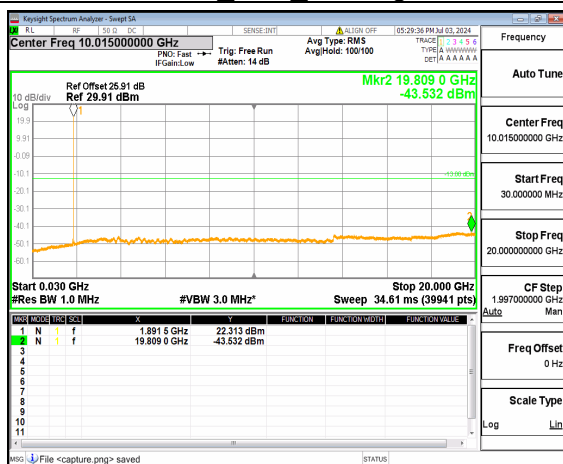
n2 (30MHz-20GHz) 20M DFT-s-OFDM QPSK
Inner_1RB_Right Mid



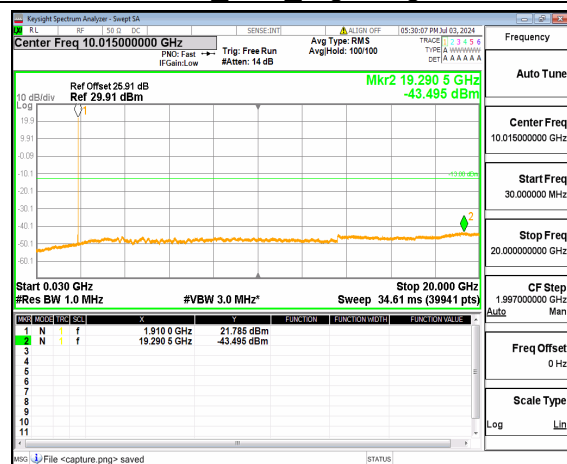
n2 (30MHz-20GHz) 20M DFT-s-OFDM BPSK
Inner_1RB_Left High



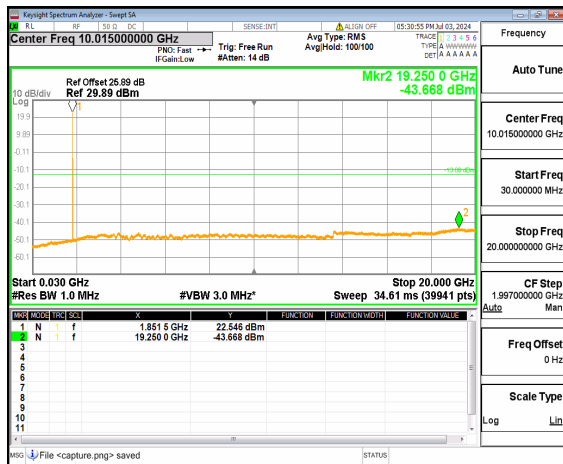
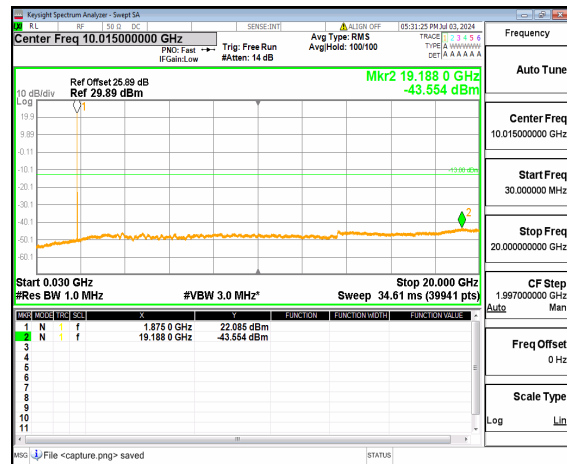
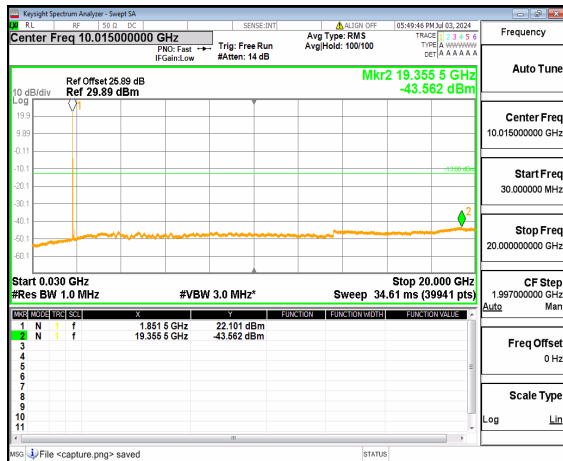
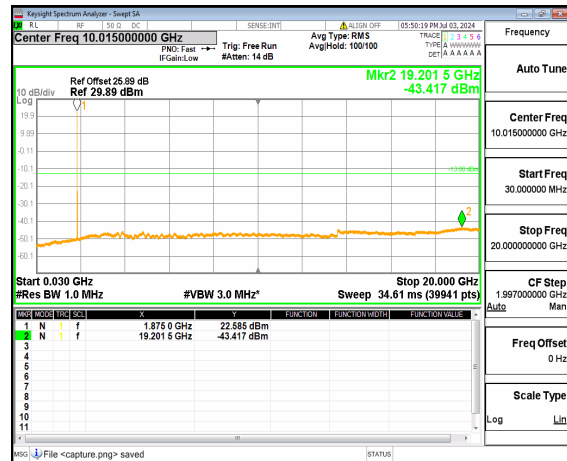
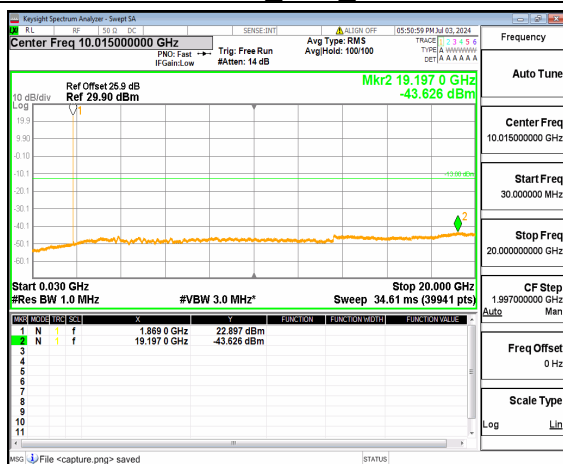
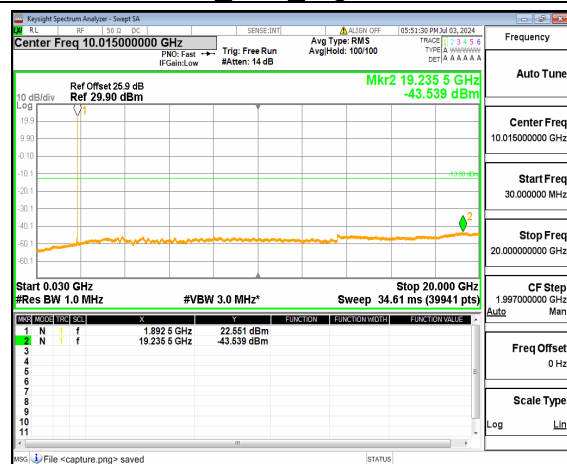
n2 (30MHz-20GHz) 20M DFT-s-OFDM BPSK
Inner_1RB_Right High

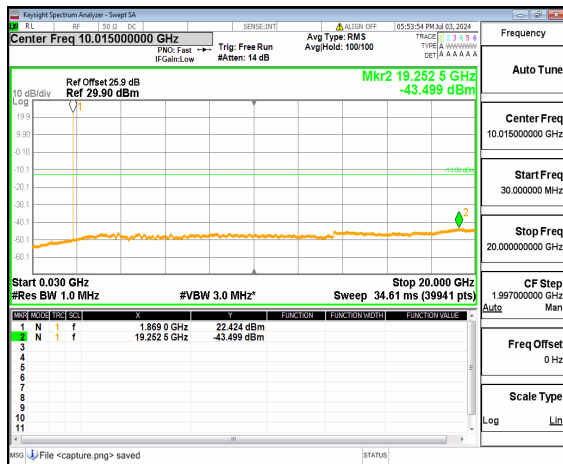


n2 (30MHz-20GHz) 20M DFT-s-OFDM
QPSK Inner_1RB_Left High

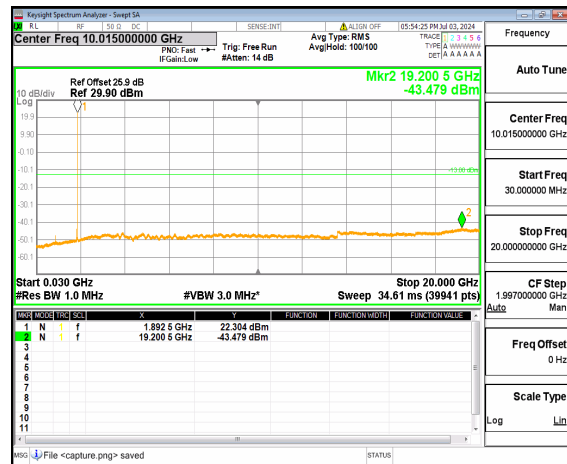


n2 (30MHz-20GHz) 20M DFT-s-OFDM QPSK
Inner_1RB_Right High

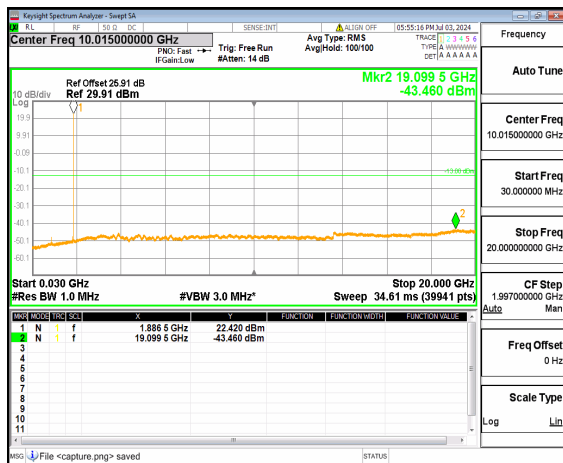
n2 (30MHz-20GHz) 25M DFT-s-OFDM BPSK
Inner_1RB_Left Lown2 (30MHz-20GHz) 25M DFT-s-OFDM BPSK
Inner_1RB_Right Lown2 (30MHz-20GHz) 25M DFT-s-OFDM
QPSK Inner_1RB_Left Lown2 (30MHz-20GHz) 25M DFT-s-OFDM QPSK
Inner_1RB_Right Lown2 (30MHz-20GHz) 25M DFT-s-OFDM BPSK
Inner_1RB_Left Midn2 (30MHz-20GHz) 25M DFT-s-OFDM BPSK
Inner_1RB_Right Mid



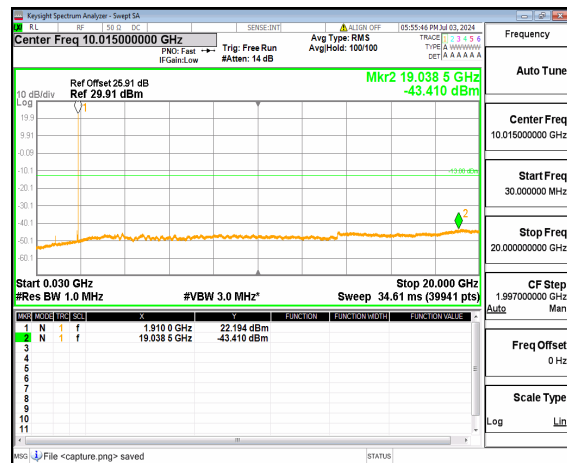
n2 (30MHz-20GHz) 25M DFT-s-OFDM
QPSK Inner_1RB_Left Mid



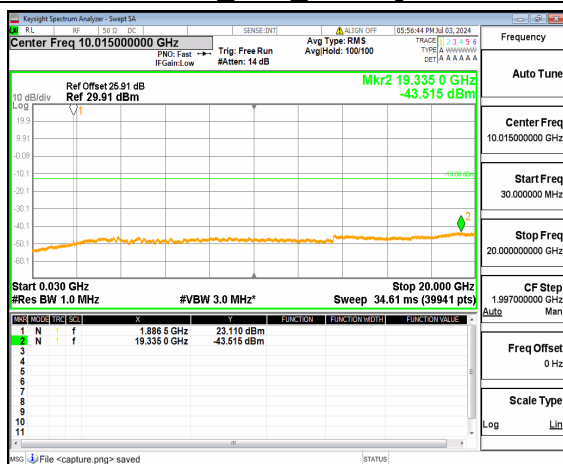
n2 (30MHz-20GHz) 25M DFT-s-OFDM QPSK
Inner_1RB_Right Mid



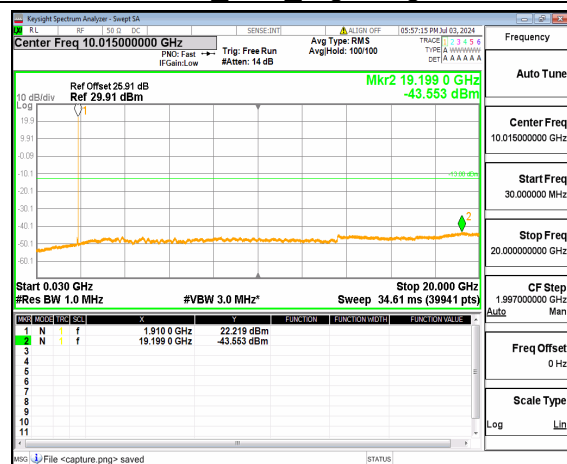
n2 (30MHz-20GHz) 25M DFT-s-OFDM BPSK
Inner_1RB_Left High



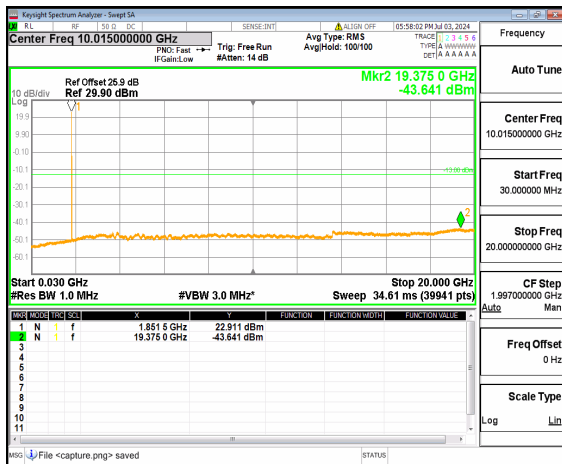
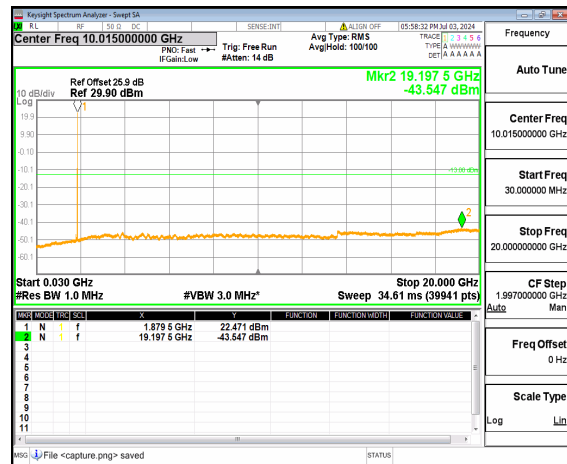
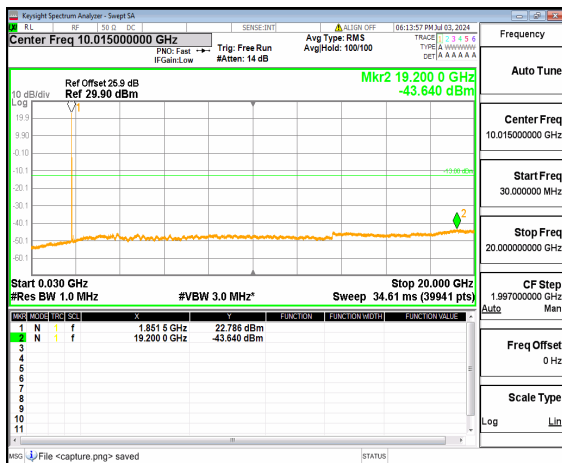
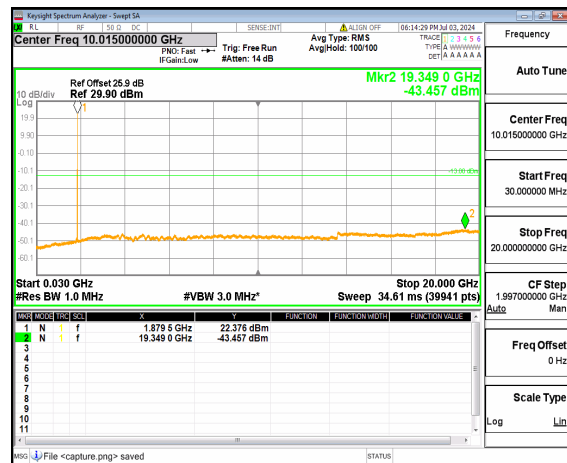
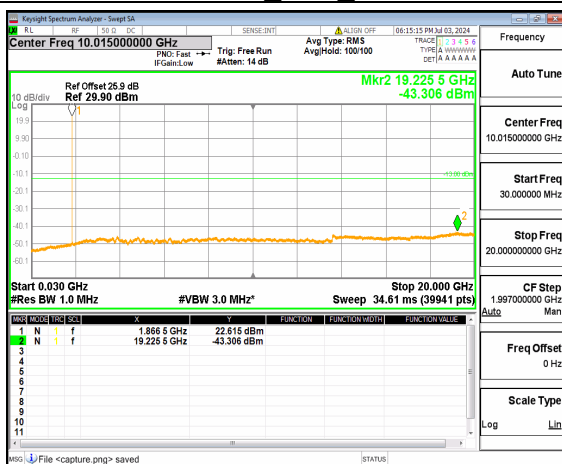
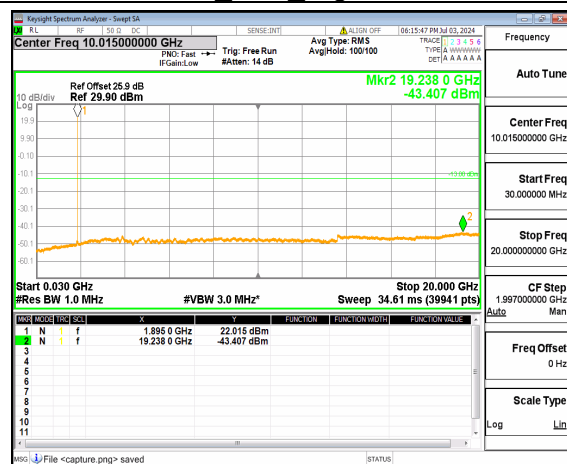
n2 (30MHz-20GHz) 25M DFT-s-OFDM BPSK
Inner_1RB_Right High

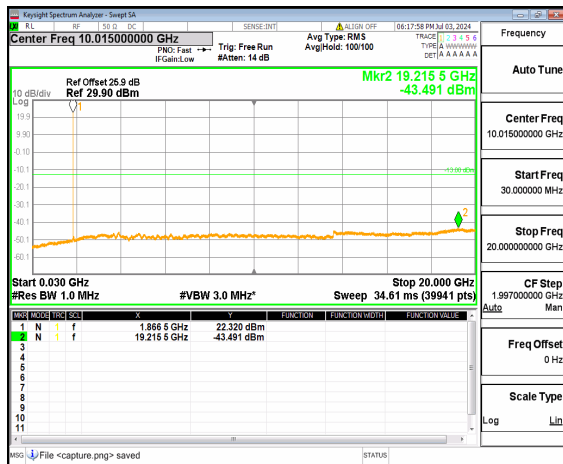


n2 (30MHz-20GHz) 25M DFT-s-OFDM
QPSK Inner_1RB_Left High

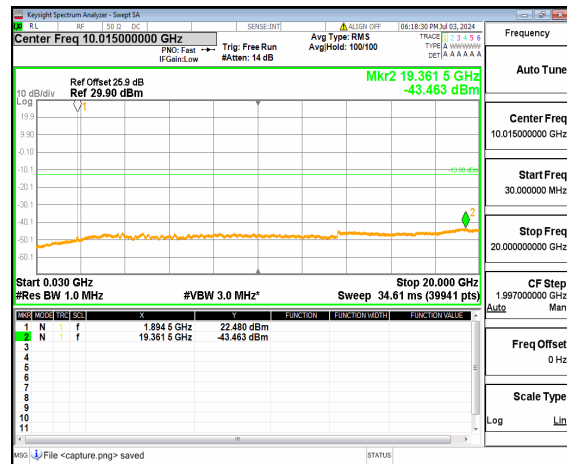


n2 (30MHz-20GHz) 25M DFT-s-OFDM QPSK
Inner_1RB_Right High

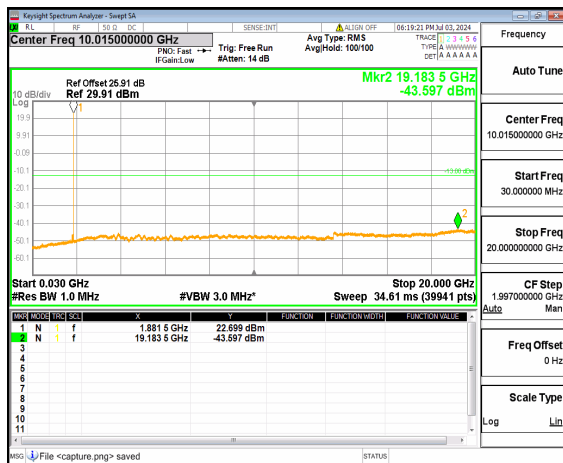
n2 (30MHz-20GHz) 30M DFT-s-OFDM BPSK
Inner_1RB_Left Lown2 (30MHz-20GHz) 30M DFT-s-OFDM BPSK
Inner_1RB_Right Lown2 (30MHz-20GHz) 30M DFT-s-OFDM
QPSK Inner_1RB_Left Lown2 (30MHz-20GHz) 30M DFT-s-OFDM QPSK
Inner_1RB_Right Lown2 (30MHz-20GHz) 30M DFT-s-OFDM BPSK
Inner_1RB_Left Midn2 (30MHz-20GHz) 30M DFT-s-OFDM BPSK
Inner_1RB_Right Mid



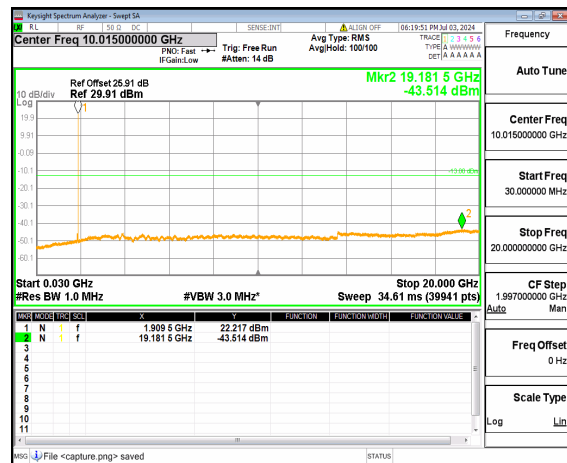
n2 (30MHz-20GHz) 30M DFT-s-OFDM
QPSK Inner_1RB_Left Mid



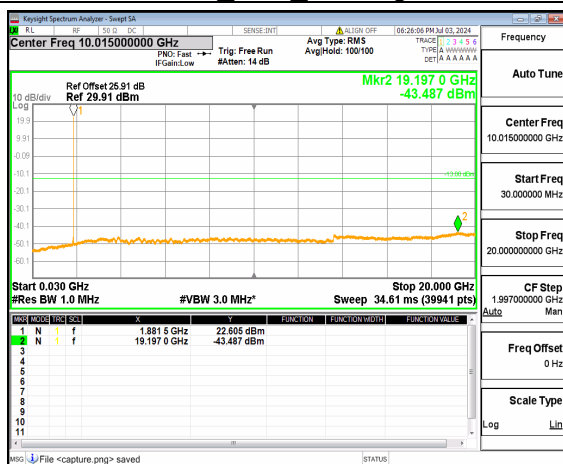
n2 (30MHz-20GHz) 30M DFT-s-OFDM QPSK
Inner_1RB_Right Mid



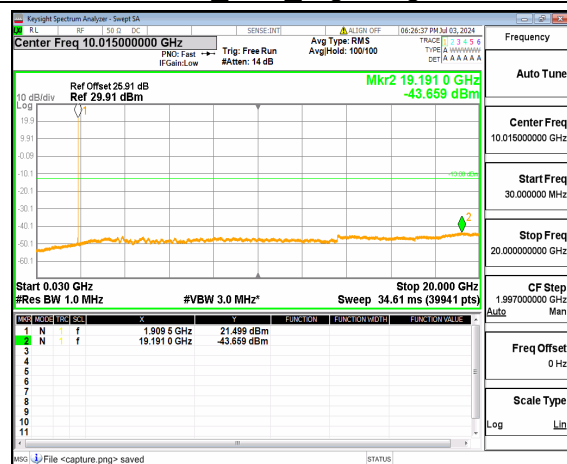
n2 (30MHz-20GHz) 30M DFT-s-OFDM BPSK
Inner_1RB_Left High



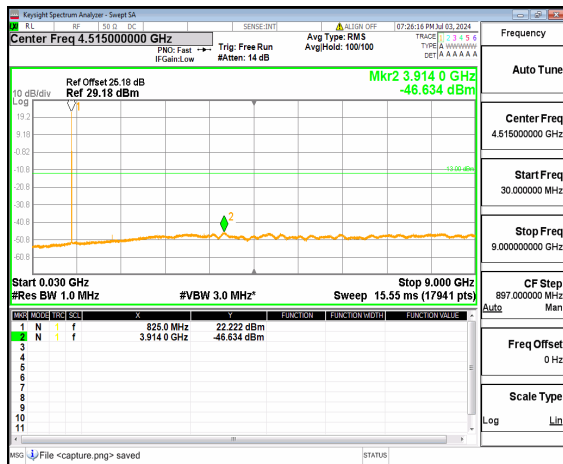
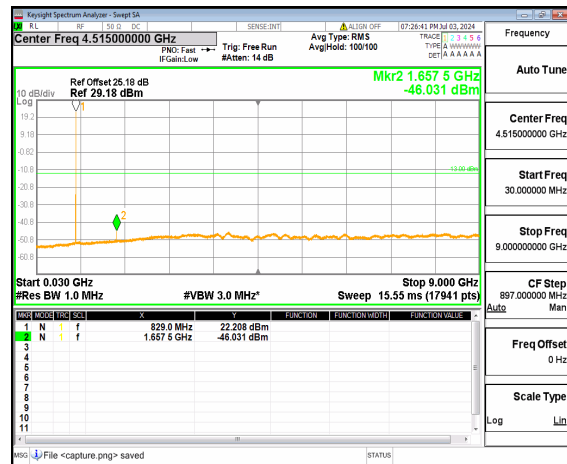
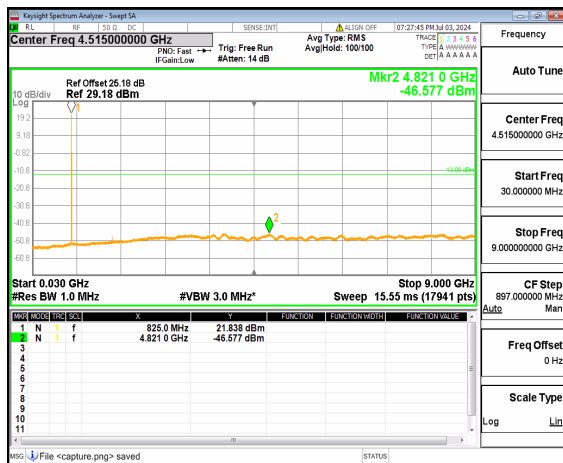
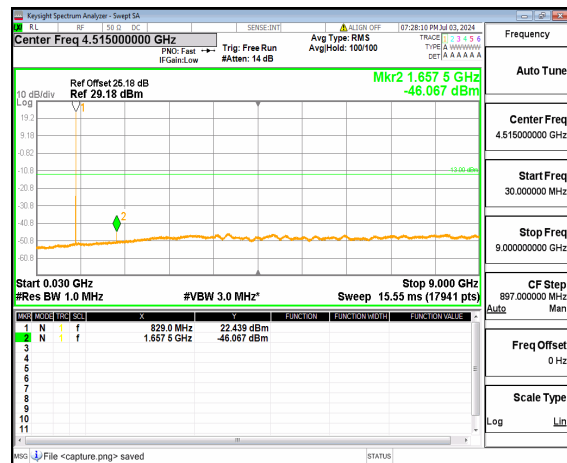
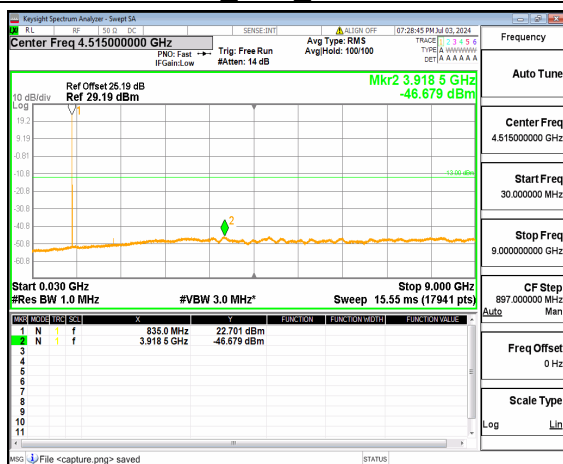
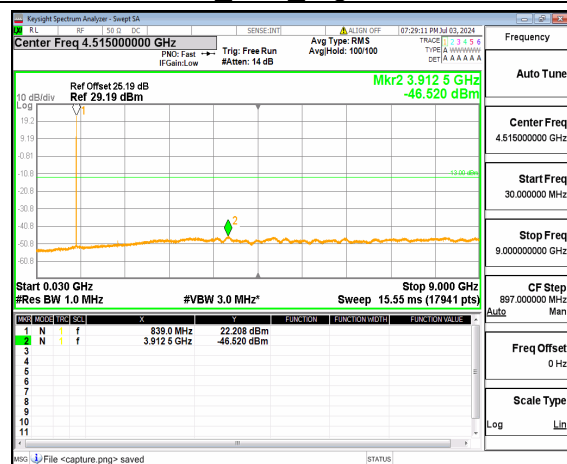
n2 (30MHz-20GHz) 30M DFT-s-OFDM BPSK
Inner_1RB_Right High

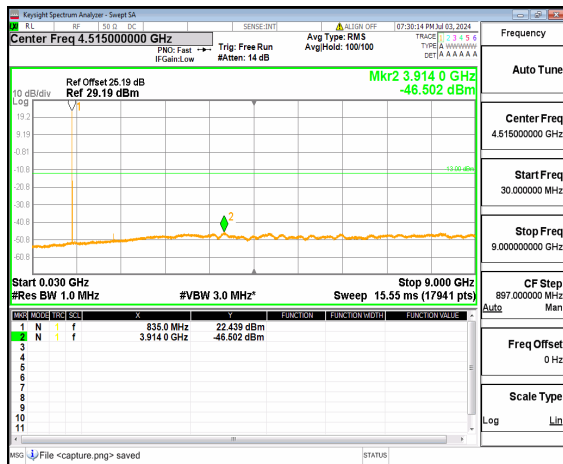
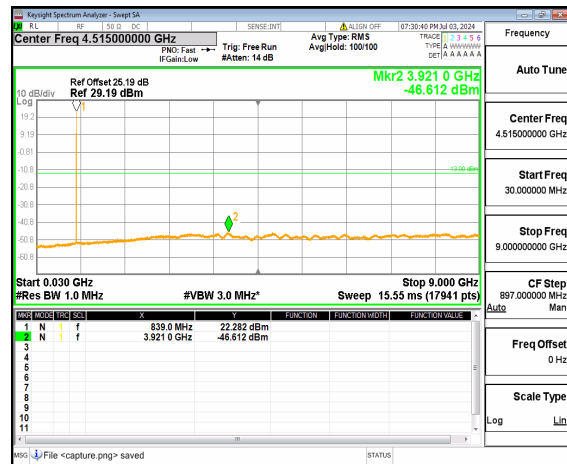
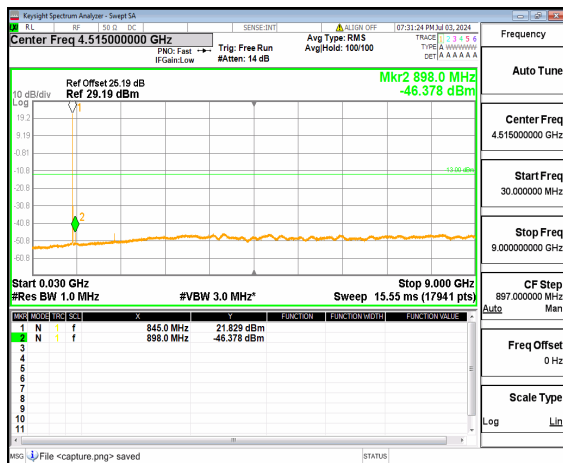
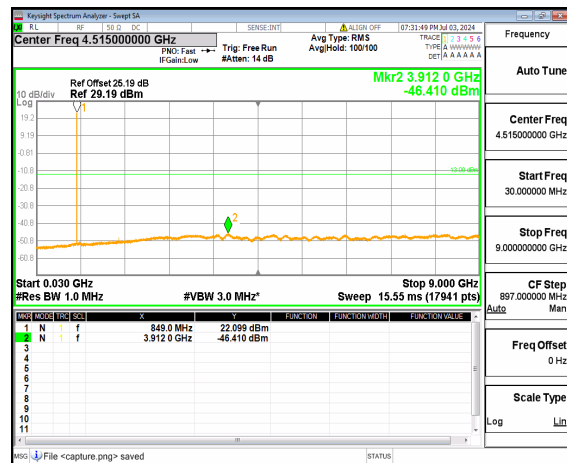
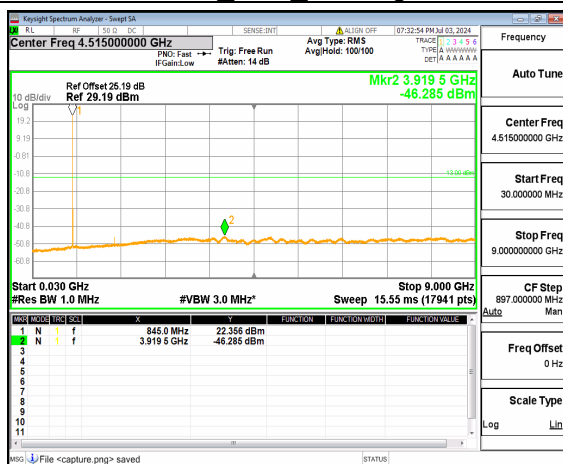
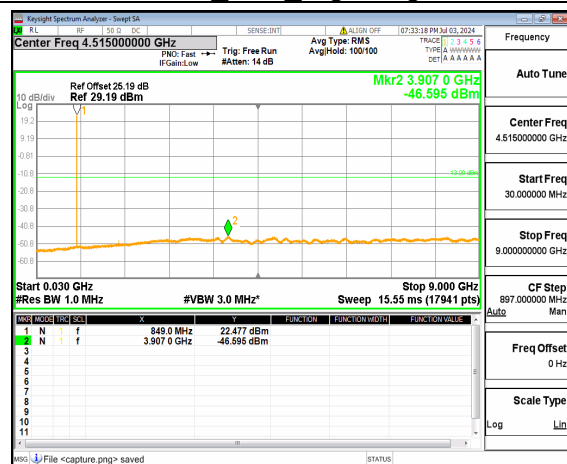


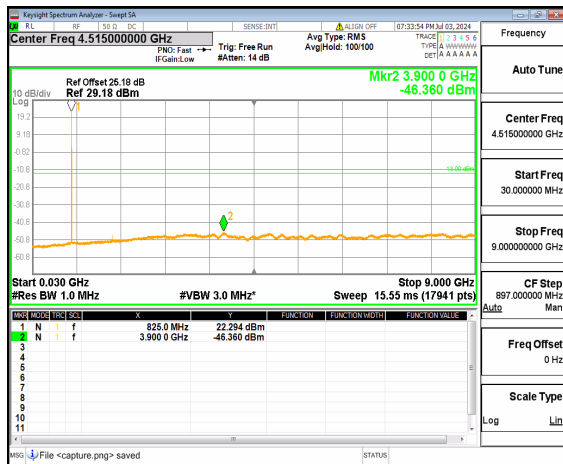
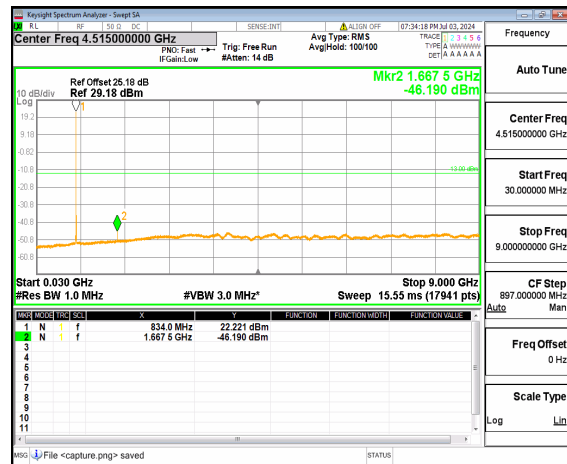
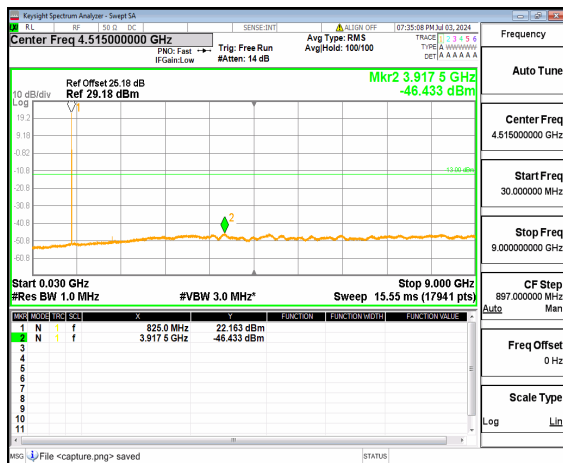
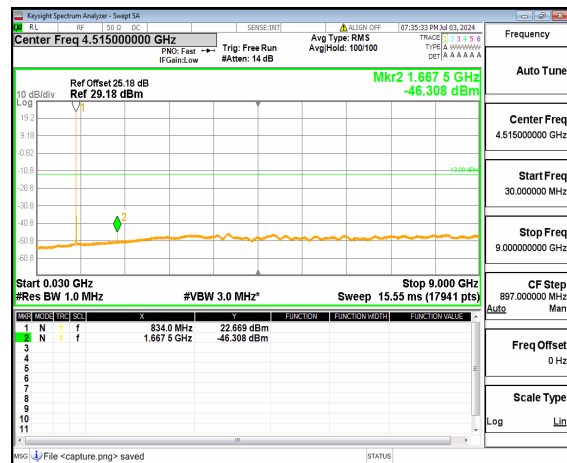
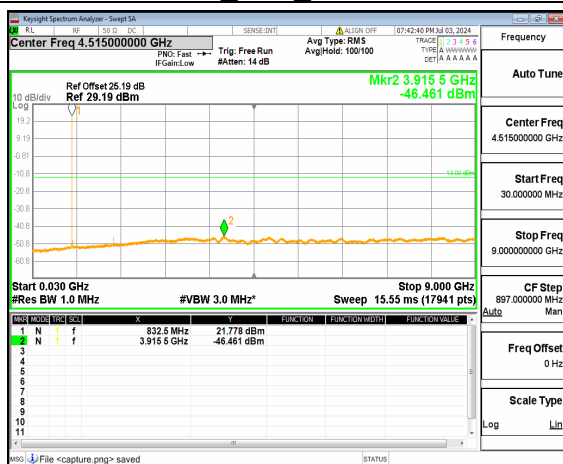
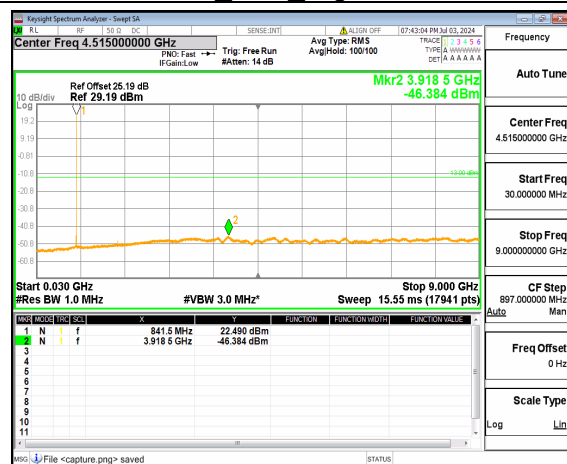
n2 (30MHz-20GHz) 30M DFT-s-OFDM
QPSK Inner_1RB_Left High

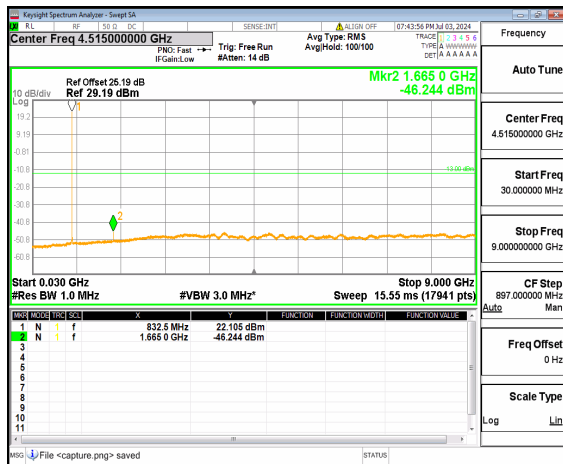
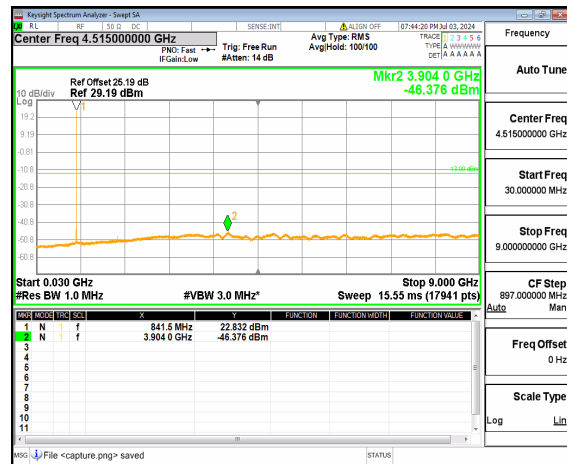
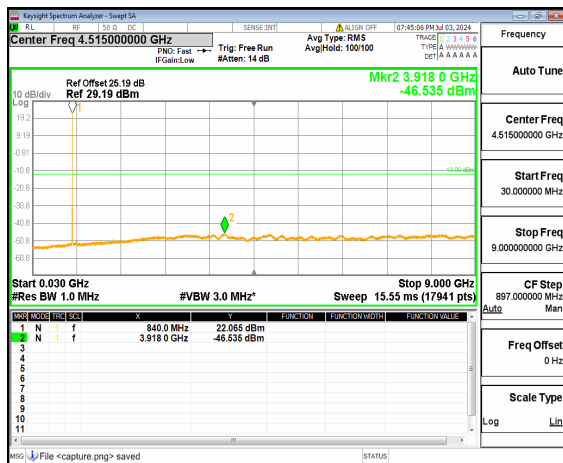
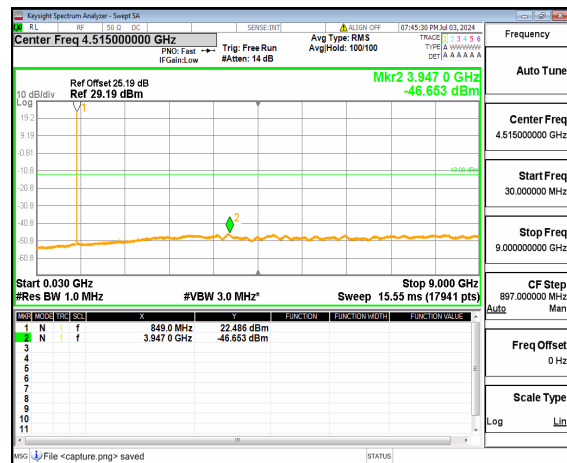
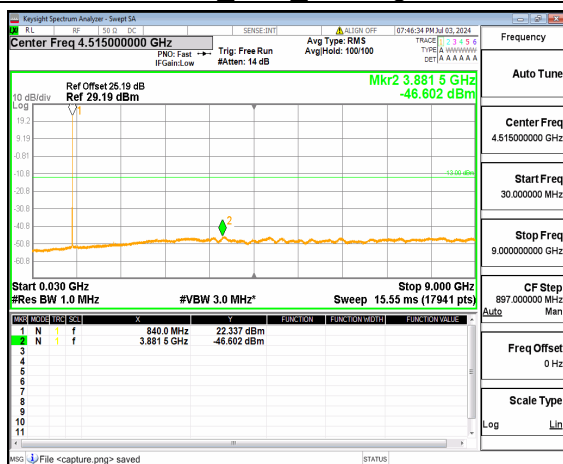
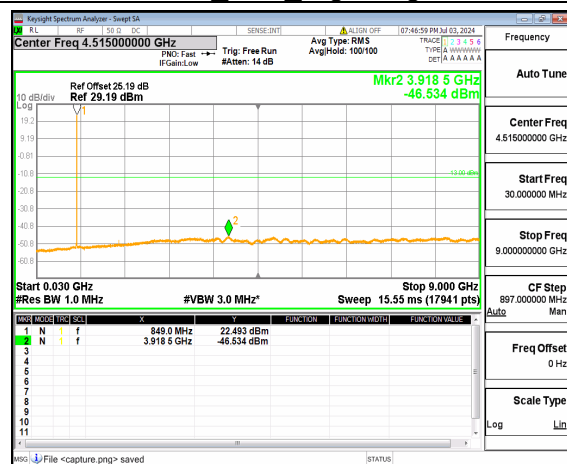


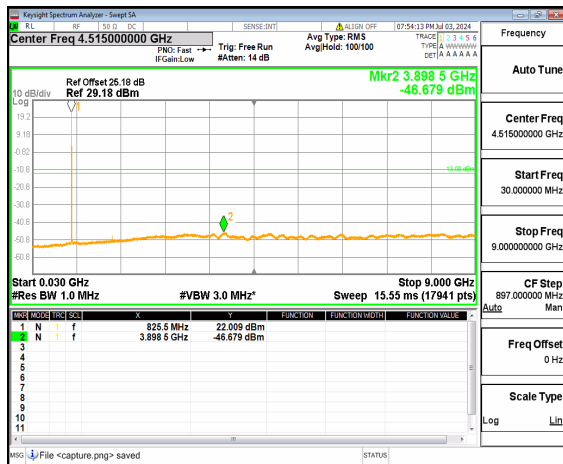
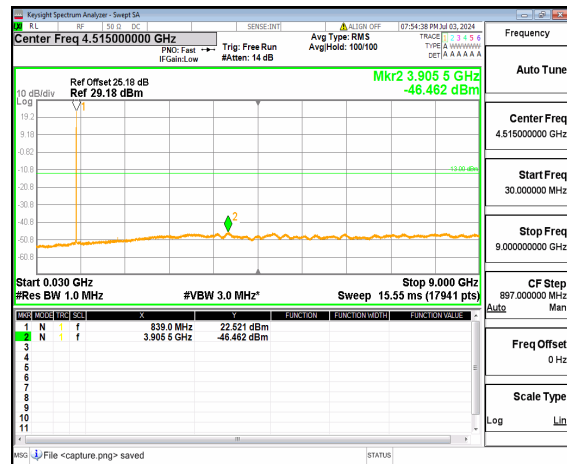
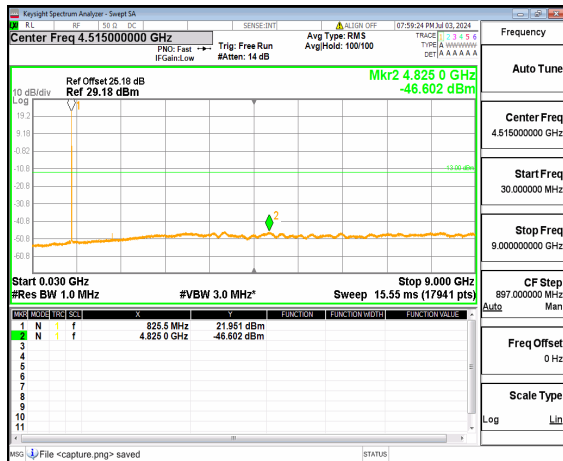
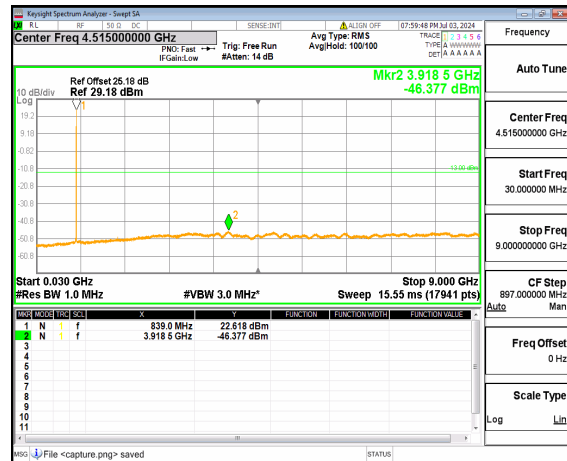
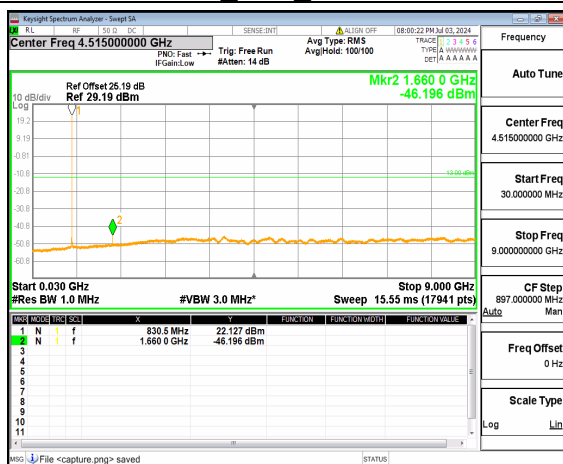
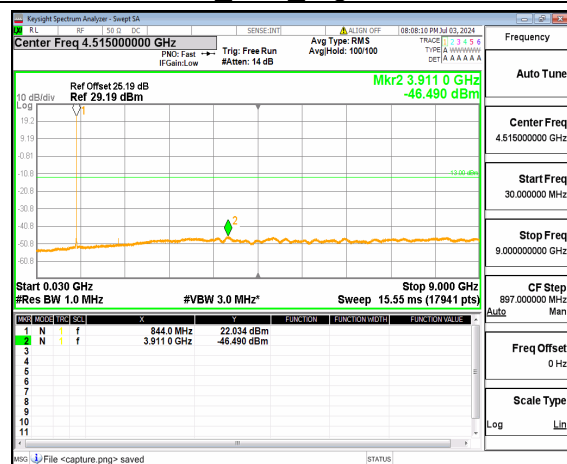
n2 (30MHz-20GHz) 30M DFT-s-OFDM QPSK
Inner_1RB_Right High

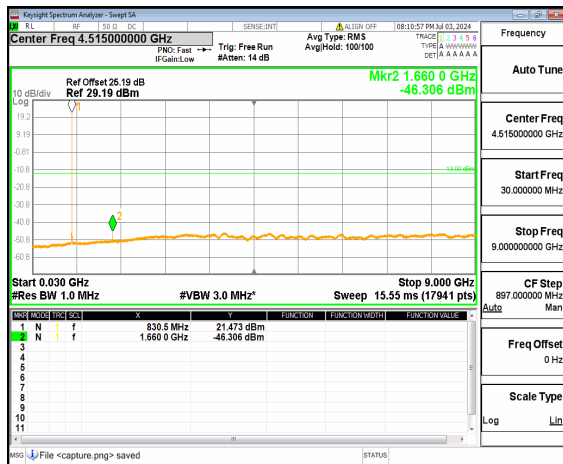
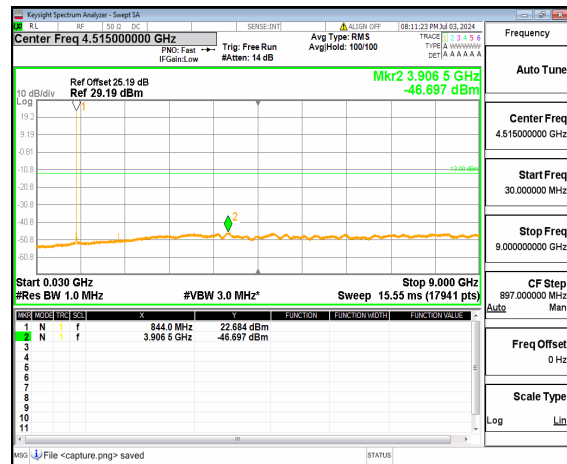
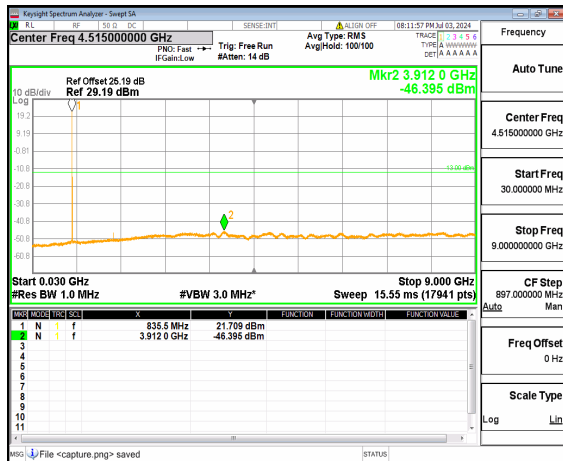
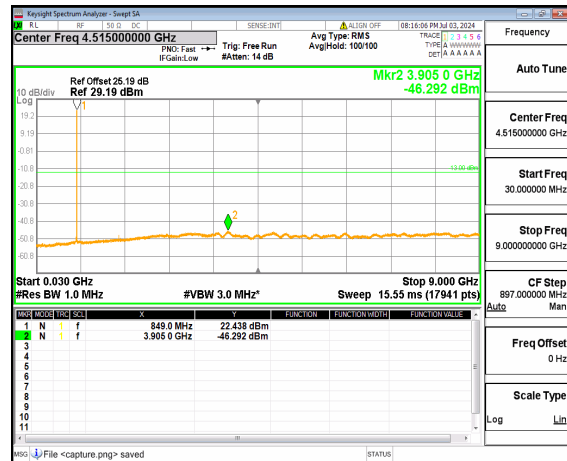
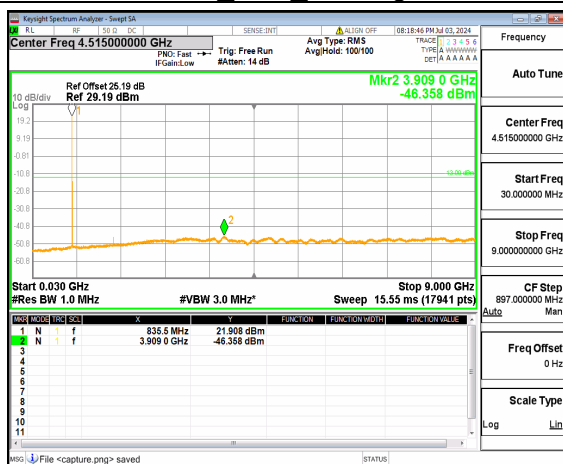
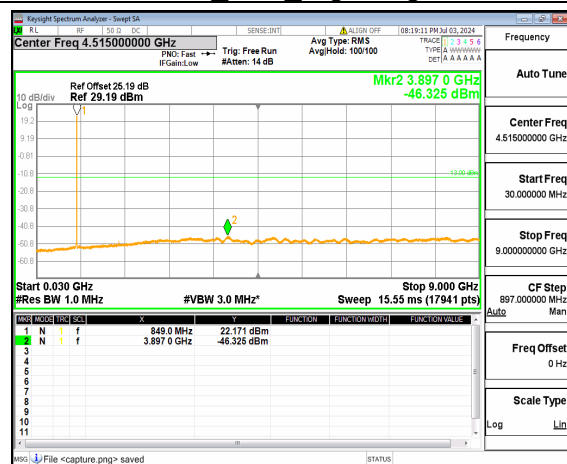
n5 (30MHz-9GHz) 5M DFT-s-OFDM BPSK
Inner_1RB_Left Lown5 (30MHz-9GHz) 5M DFT-s-OFDM BPSK
Inner_1RB_Right Lown5 (30MHz-9GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Left Lown5 (30MHz-9GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Right Lown5 (30MHz-9GHz) 5M DFT-s-OFDM BPSK
Inner_1RB_Left Midn5 (30MHz-9GHz) 5M DFT-s-OFDM BPSK
Inner_1RB_Right Mid

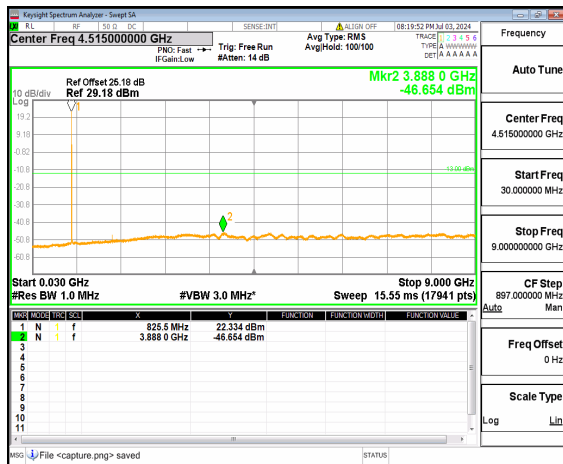
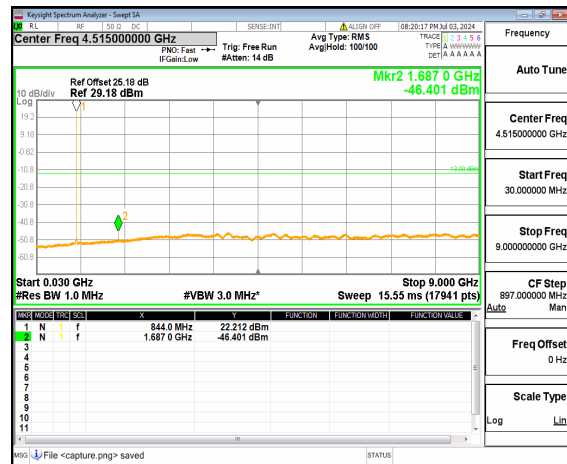
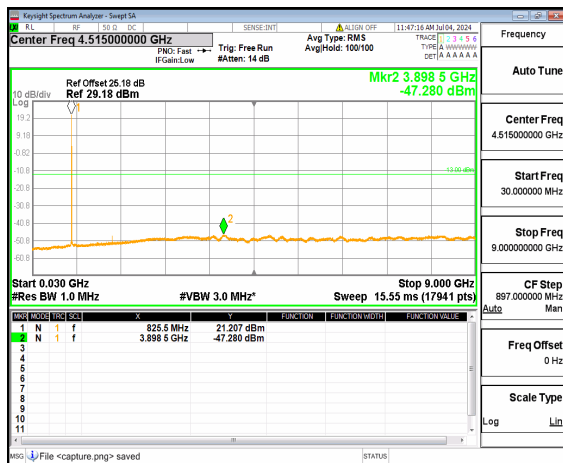
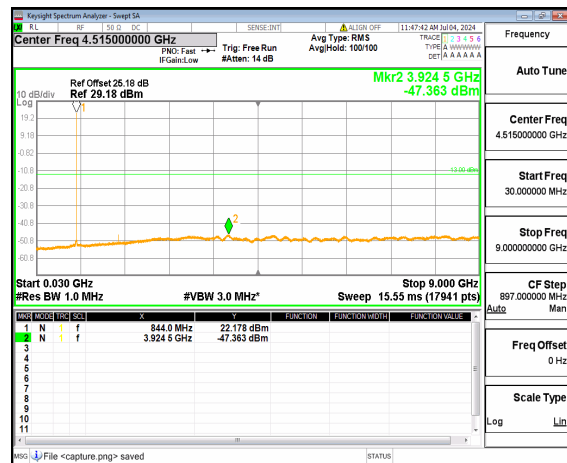
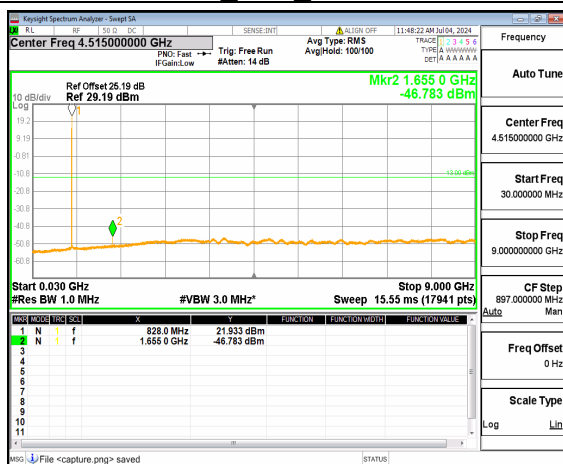
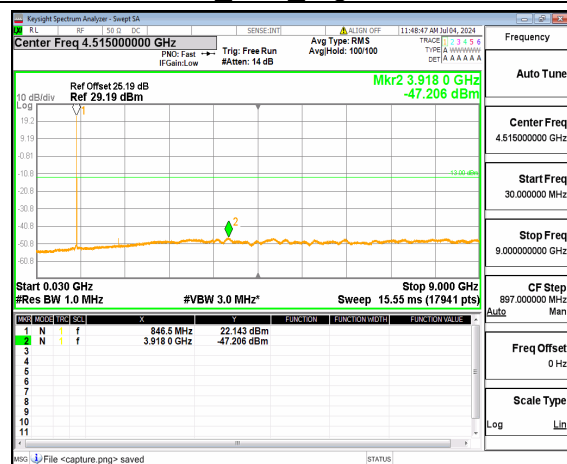
n5 (30MHz-9GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Left Midn5 (30MHz-9GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Right Midn5 (30MHz-9GHz) 5M DFT-s-OFDM BPSK
Inner_1RB_Left Highn5 (30MHz-9GHz) 5M DFT-s-OFDM BPSK
Inner_1RB_Right Highn5 (30MHz-9GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Left Highn5 (30MHz-9GHz) 5M DFT-s-OFDM QPSK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

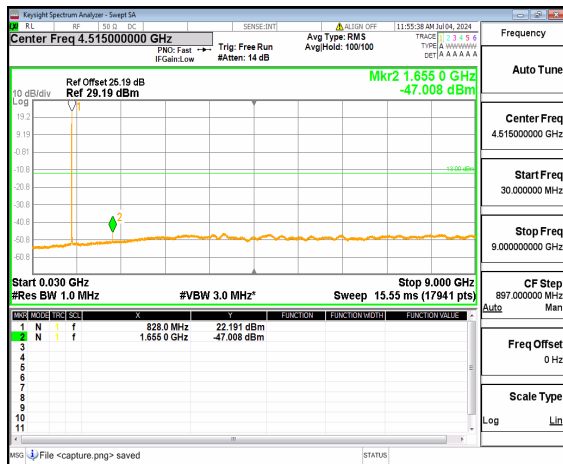
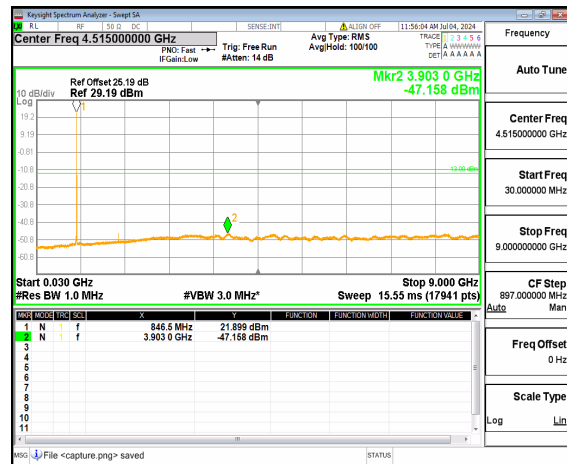
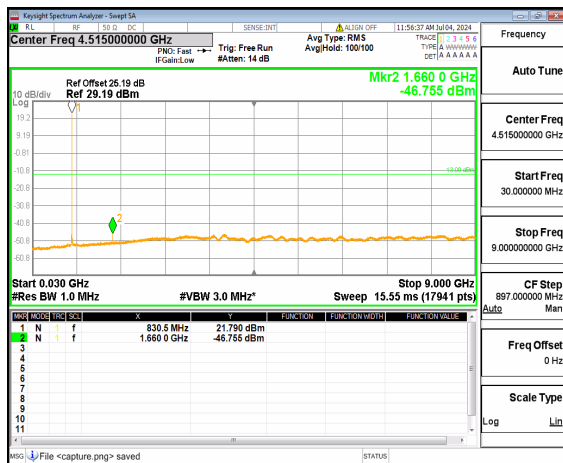
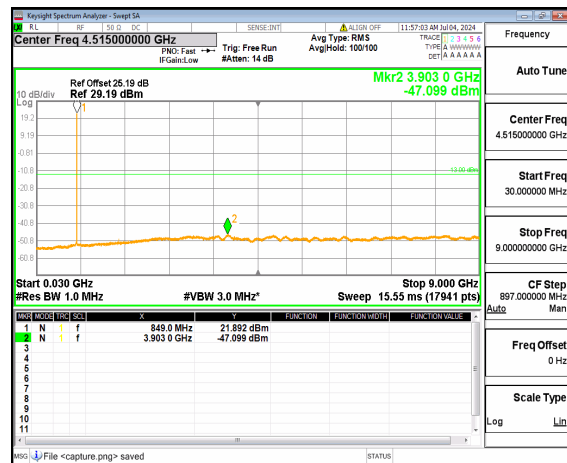
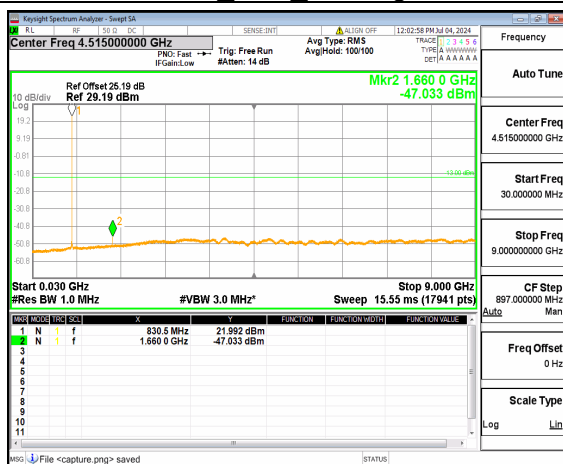
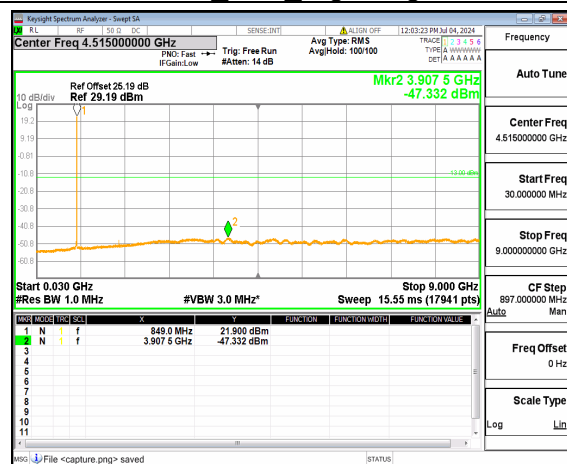
n5 (30MHz-9GHz) 10M DFT-s-OFDM BPSK
Inner_1RB_Left Lown5 (30MHz-9GHz) 10M DFT-s-OFDM BPSK
Inner_1RB_Right Lown5 (30MHz-9GHz) 10M DFT-s-OFDM QPSK
Inner_1RB_Left Lown5 (30MHz-9GHz) 10M DFT-s-OFDM QPSK
Inner_1RB_Right Lown5 (30MHz-9GHz) 10M DFT-s-OFDM BPSK
Inner_1RB_Left Midn5 (30MHz-9GHz) 10M DFT-s-OFDM BPSK
Inner_1RB_Right Mid

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

n5 (30MHz-9GHz) 15M DFT-s-OFDM BPSK
Inner_1RB_Left Lown5 (30MHz-9GHz) 15M DFT-s-OFDM BPSK
Inner_1RB_Right Lown5 (30MHz-9GHz) 15M DFT-s-OFDM QPSK
Inner_1RB_Left Lown5 (30MHz-9GHz) 15M DFT-s-OFDM QPSK
Inner_1RB_Right Lown5 (30MHz-9GHz) 15M DFT-s-OFDM BPSK
Inner_1RB_Left Midn5 (30MHz-9GHz) 15M DFT-s-OFDM BPSK
Inner_1RB_Right Mid

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

n5 (30MHz-9GHz) 20M DFT-s-OFDM BPSK
Inner_1RB_Left Lown5 (30MHz-9GHz) 20M DFT-s-OFDM BPSK
Inner_1RB_Right Lown5 (30MHz-9GHz) 20M DFT-s-OFDM QPSK
Inner_1RB_Left Lown5 (30MHz-9GHz) 20M DFT-s-OFDM QPSK
Inner_1RB_Right Lown5 (30MHz-9GHz) 20M DFT-s-OFDM BPSK
Inner_1RB_Left Midn5 (30MHz-9GHz) 20M DFT-s-OFDM BPSK
Inner_1RB_Right Mid

n5 (30MHz-9GHz) 20M DFT-s-OFDM QPSK
Inner_1RB_Left Midn5 (30MHz-9GHz) 20M DFT-s-OFDM QPSK
Inner_1RB_Right Midn5 (30MHz-9GHz) 20M DFT-s-OFDM BPSK
Inner_1RB_Left Highn5 (30MHz-9GHz) 20M DFT-s-OFDM BPSK
Inner_1RB_Right Highn5 (30MHz-9GHz) 20M DFT-s-OFDM QPSK
Inner_1RB_Left Highn5 (30MHz-9GHz) 20M DFT-s-OFDM QPSK
Inner_1RB_Right High