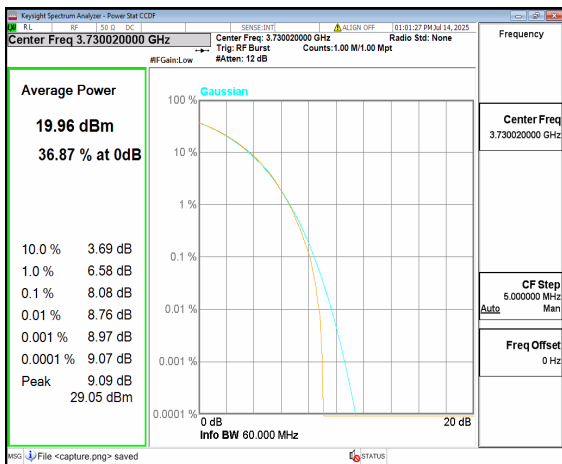
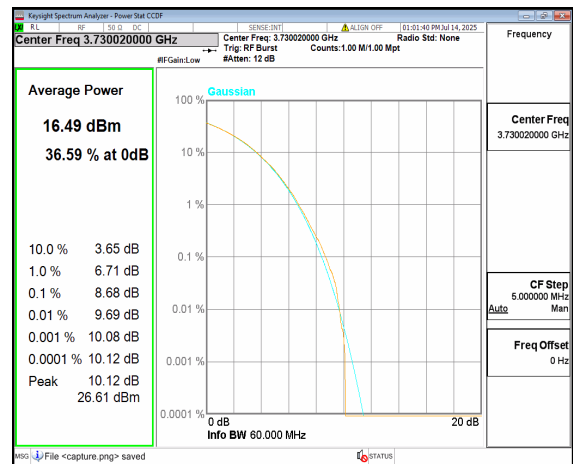
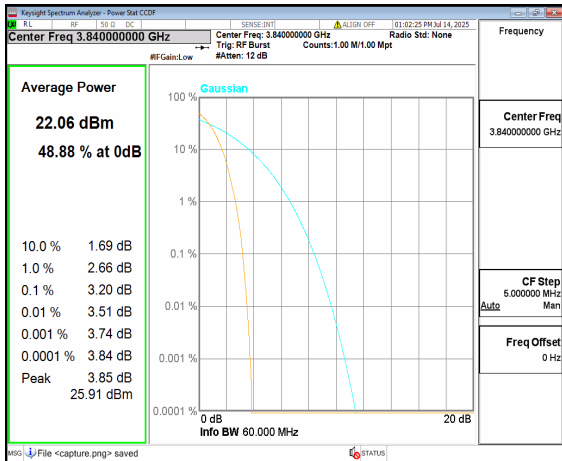




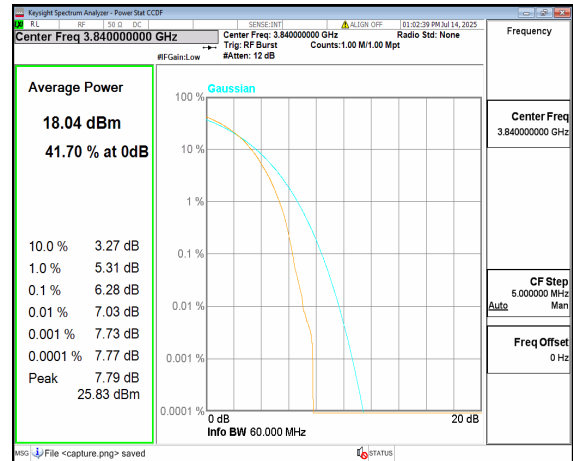
n77(3700-3980MHz) 60M CP-OFDM QPSK
Outer_Full Low



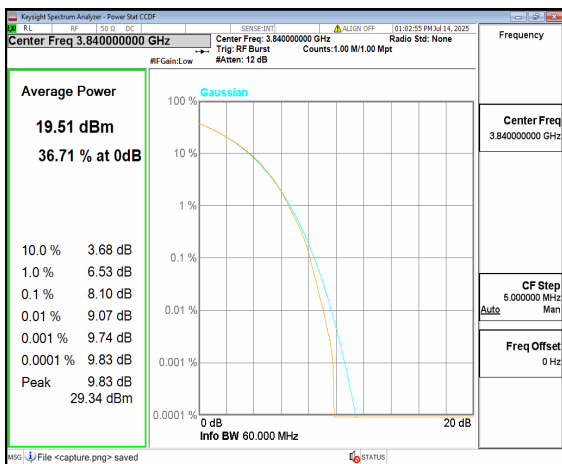
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Outer_Full Low



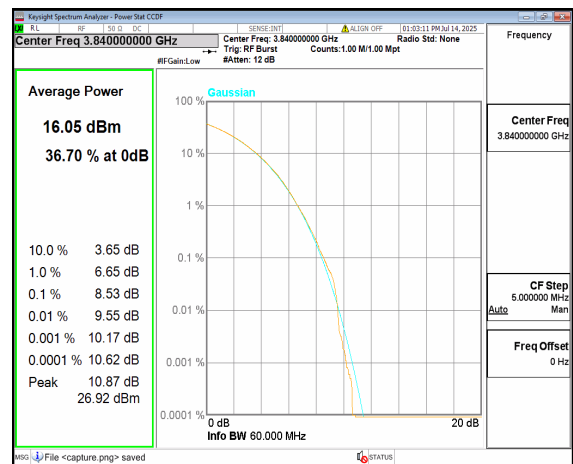
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Outer_Full Mid



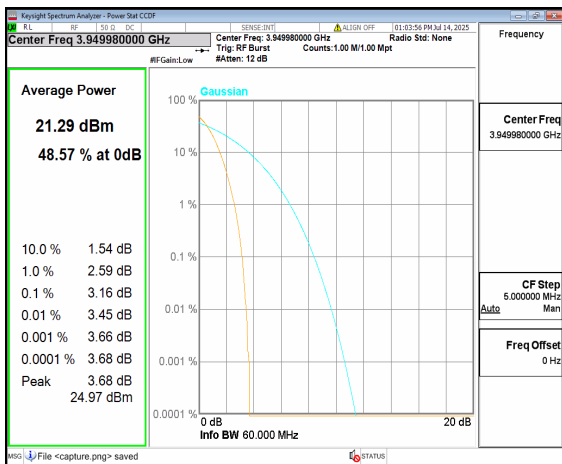
n77(3700-3980MHz) 60M DFT-s-OFDM
256QAM Outer_Full Mid



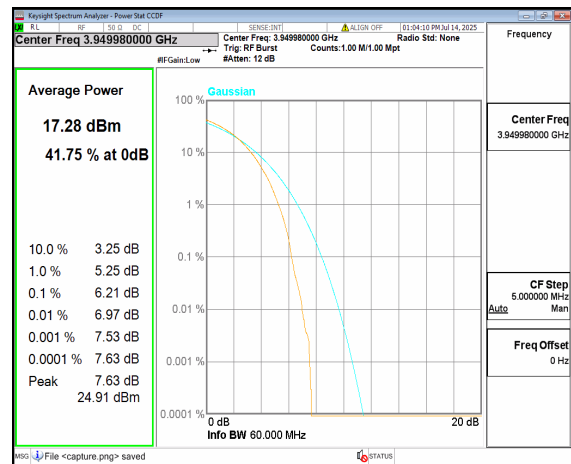
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Outer_Full Mid



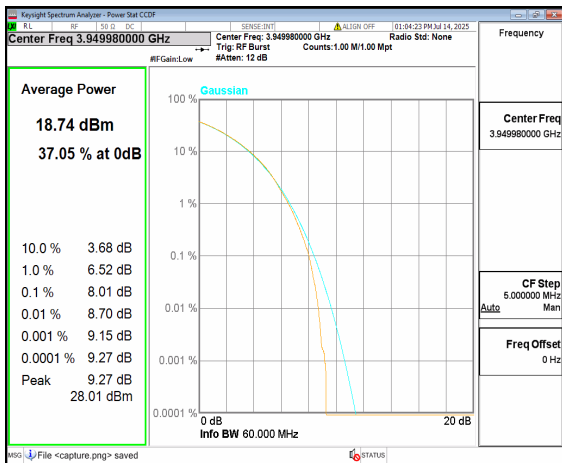
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Outer_Full Mid



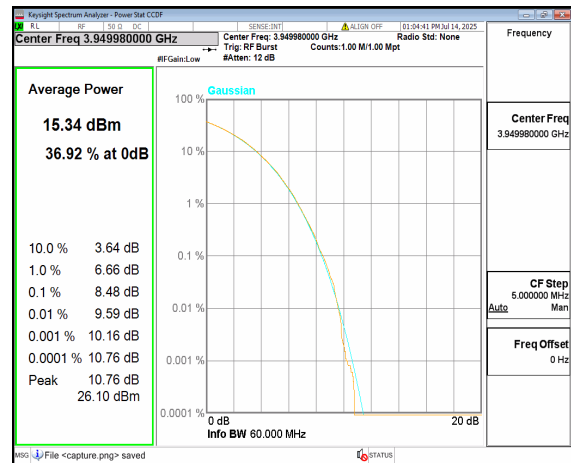
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Outer_Full High



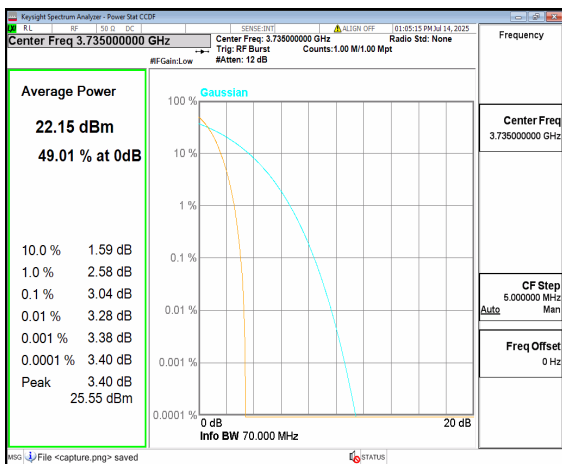
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256QAM Outer_Full High



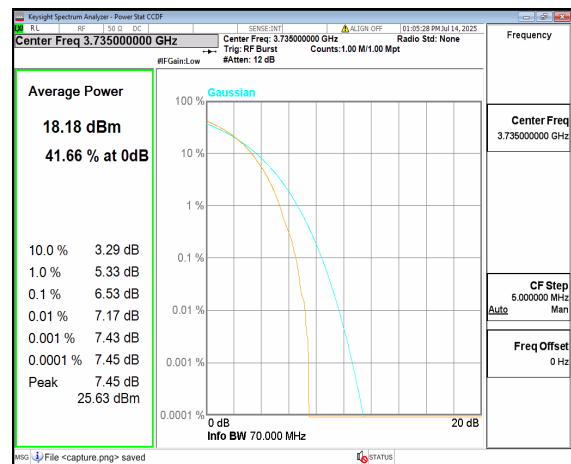
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Outer_Full High



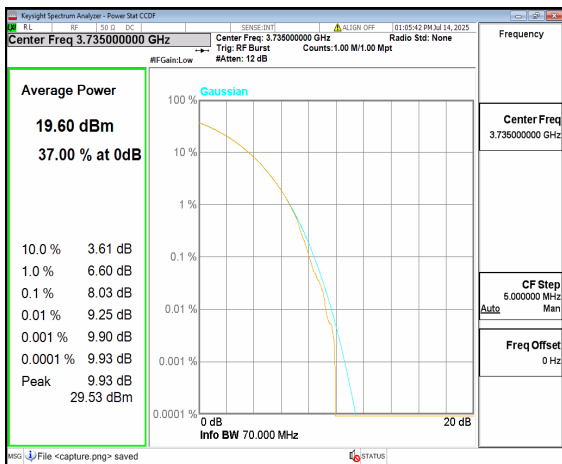
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Outer_Full High



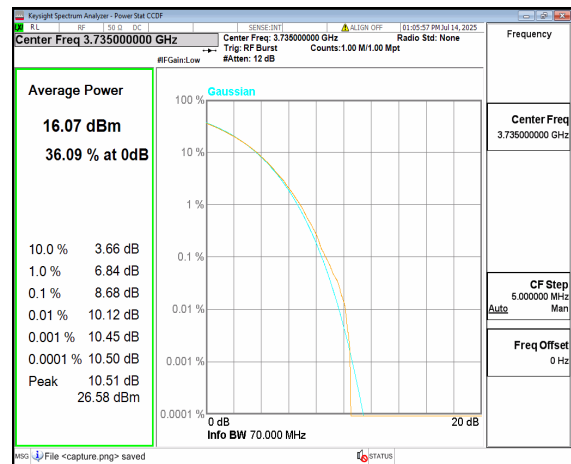
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Outer_Full Low



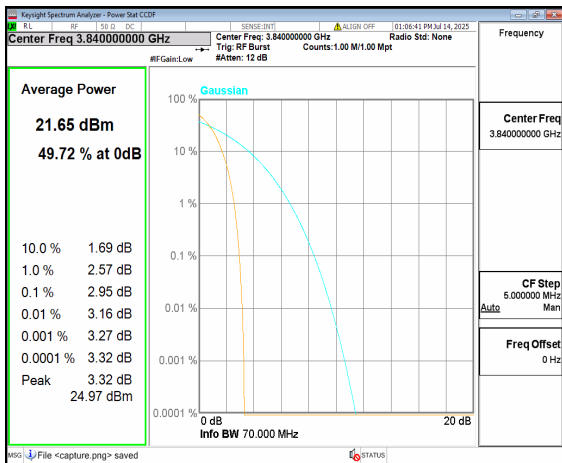
n77(3700-3980MHz) 70M DFT-s-OFDM
256QAM Outer_Full Low



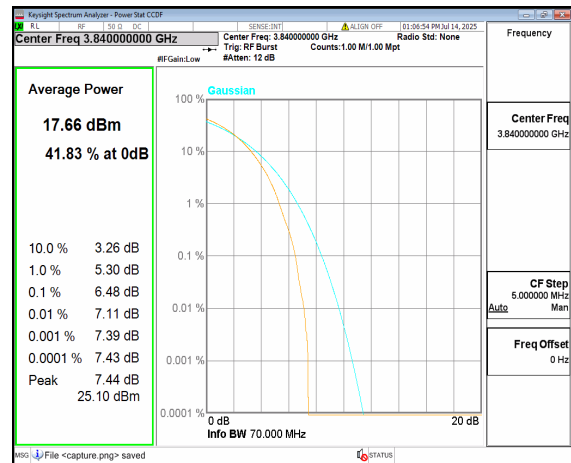
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Outer_Full Low



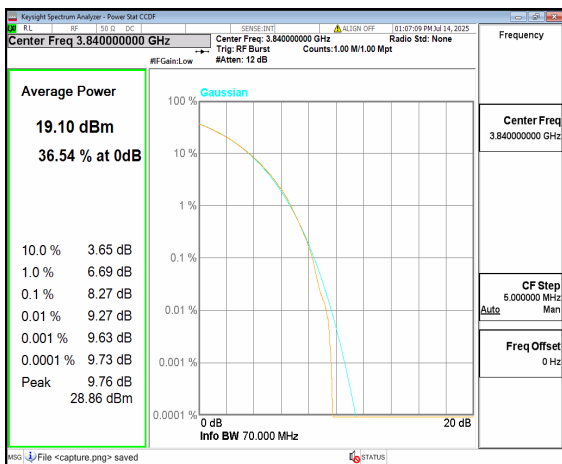
n77(3700-3980MHz) 70M CP-OFDM 256QAM
Outer_Full Low



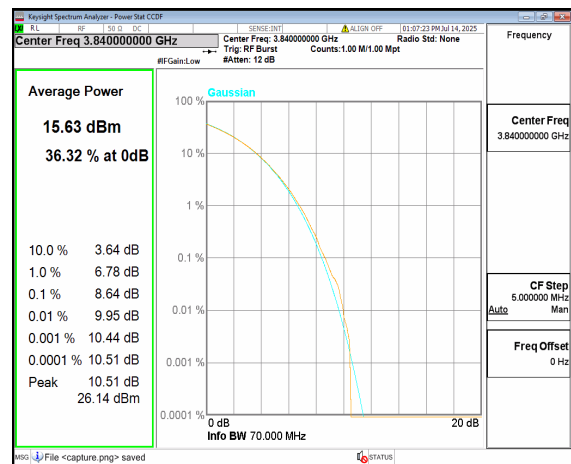
n77(3700-3980MHz) 70M DFT-s-OFDM BPSK
Outer_Full Mid



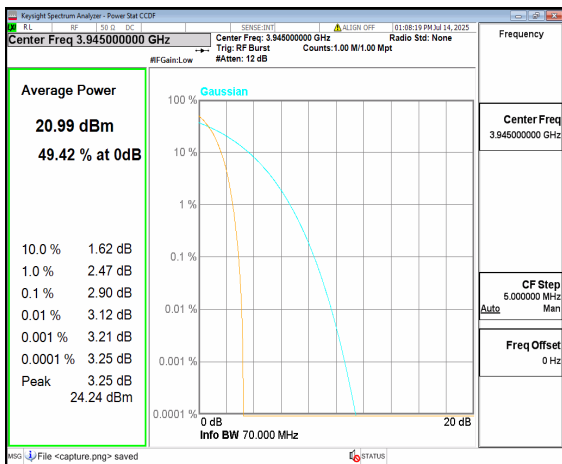
n77(3700-3980MHz) 70M DFT-s-OFDM
256QAM Outer_Full Mid



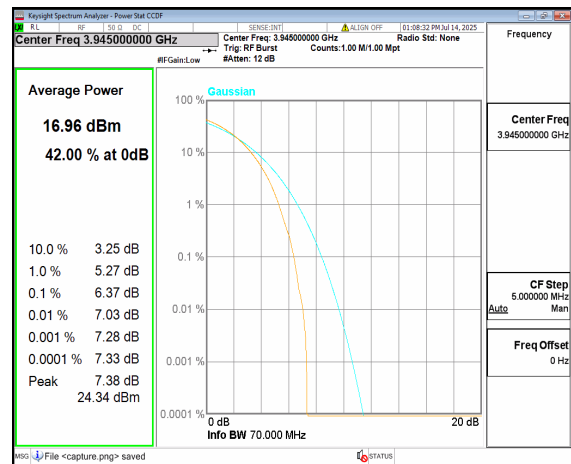
n77(3700-3980MHz) 70M CP-OFDM QPSK
Outer_Full Mid



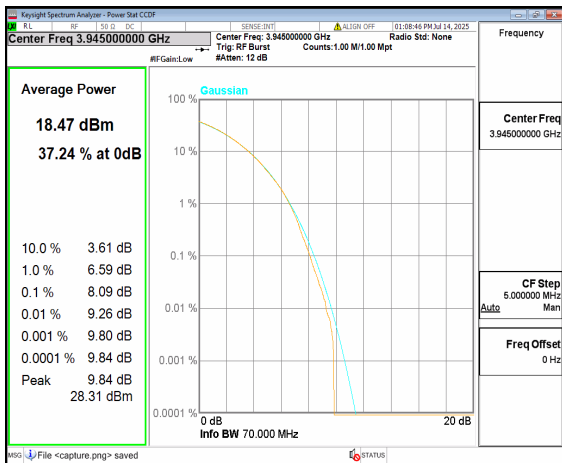
n77(3700-3980MHz) 70M CP-OFDM 256QAM
Outer_Full Mid



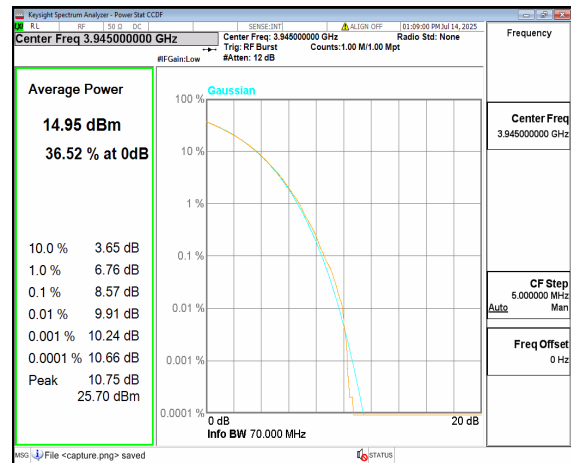
n77(3700-3980MHz) 70M DFT-s-OFDM BPSK
Outer_Full High



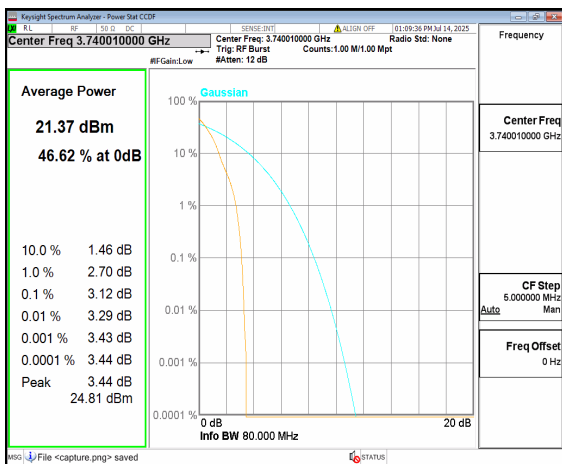
n77(3700-3980MHz) 70M DFT-s-OFDM
256QAM Outer_Full High



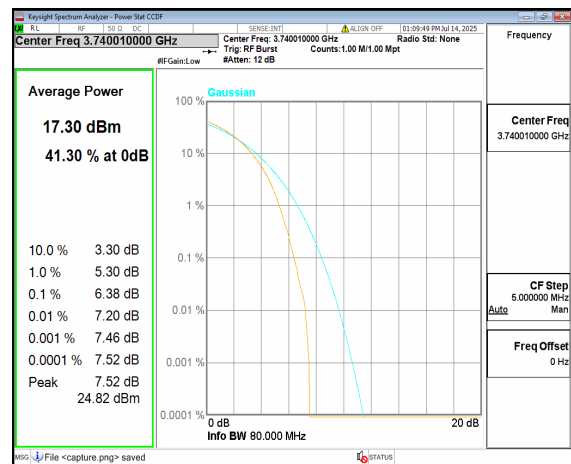
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Outer_Full High



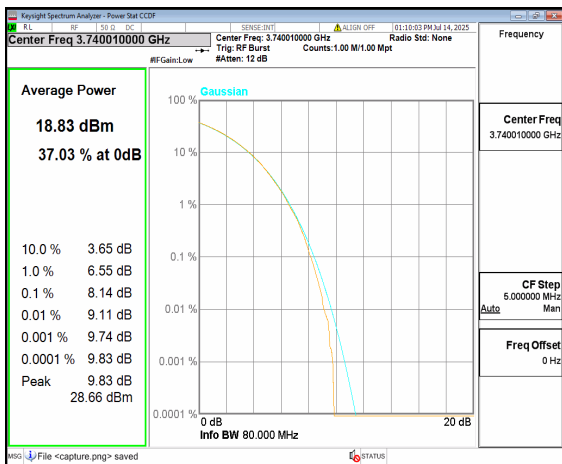
n77(3700-3980MHz) 70M CP-OFDM 256QAM
Outer_Full High



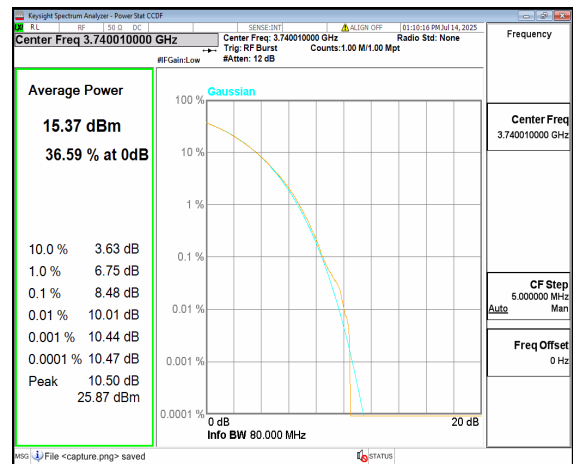
n77(3700-3980MHz) 80M DFT-s-OFDM BPSK
Outer_Full Low



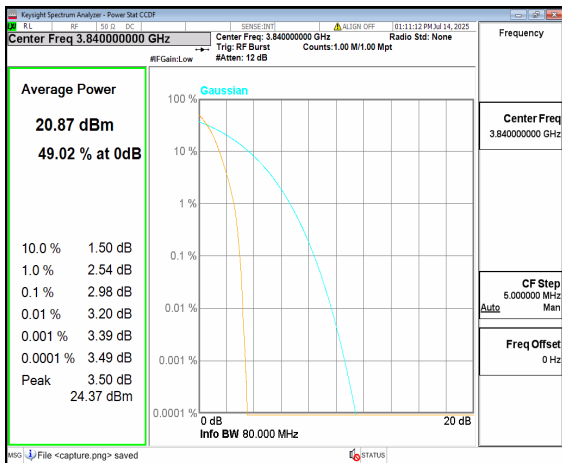
n77(3700-3980MHz) 80M DFT-s-OFDM
256QAM Outer_Full Low



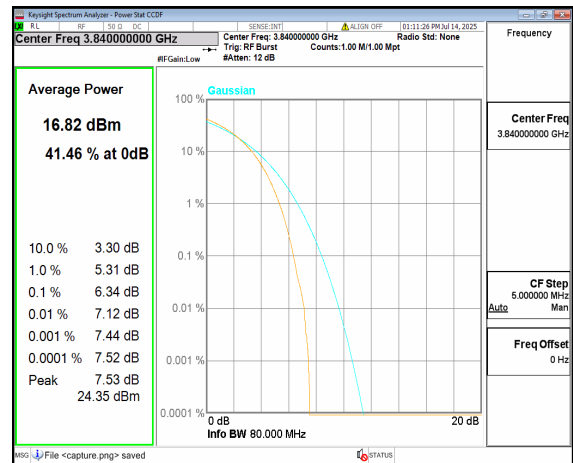
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Outer_Full Low



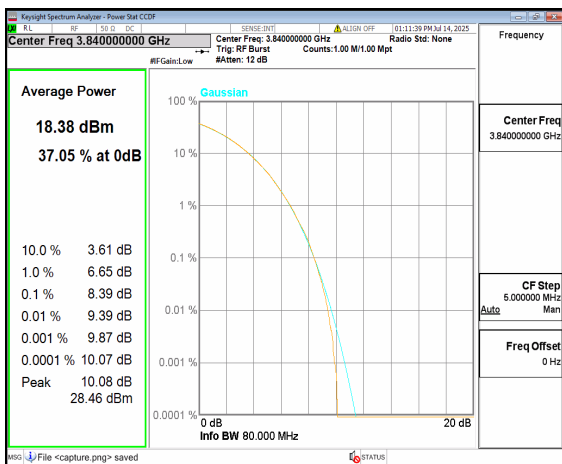
n77(3700-3980MHz) 80M CP-OFDM 256QAM
Outer_Full Low



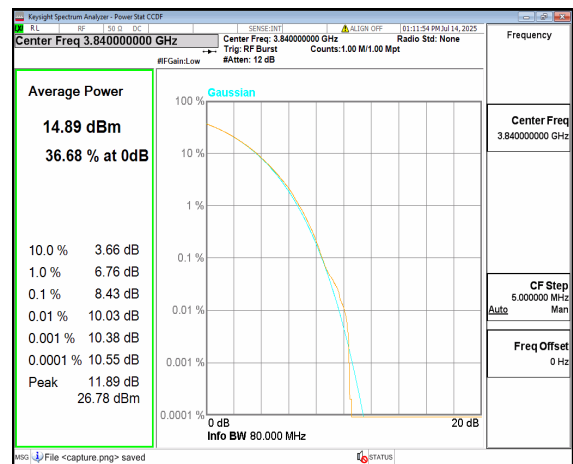
n77(3700-3980MHz) 80M DFT-s-OFDM BPSK
Outer_Full Mid



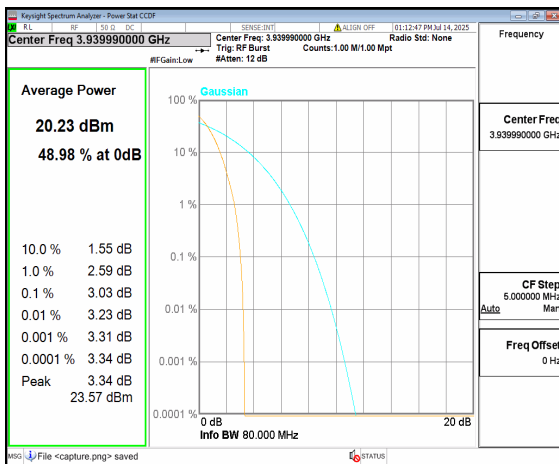
n77(3700-3980MHz) 80M DFT-s-OFDM
256QAM Outer_Full Mid



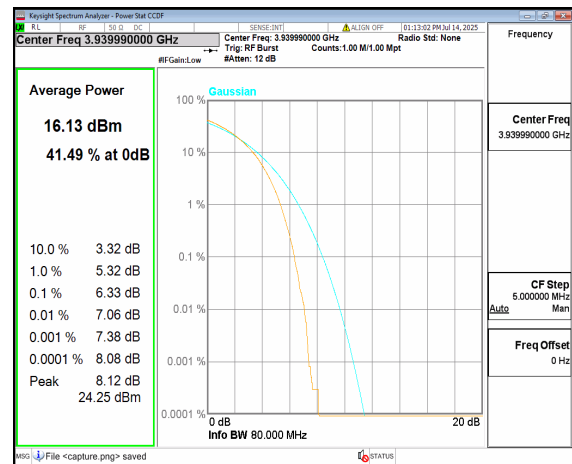
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Outer_Full Mid



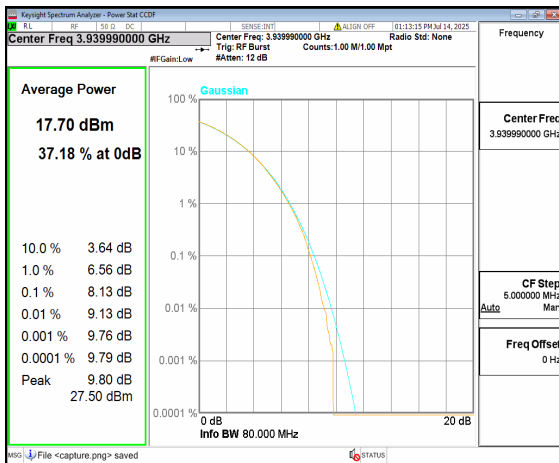
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Outer_Full Mid



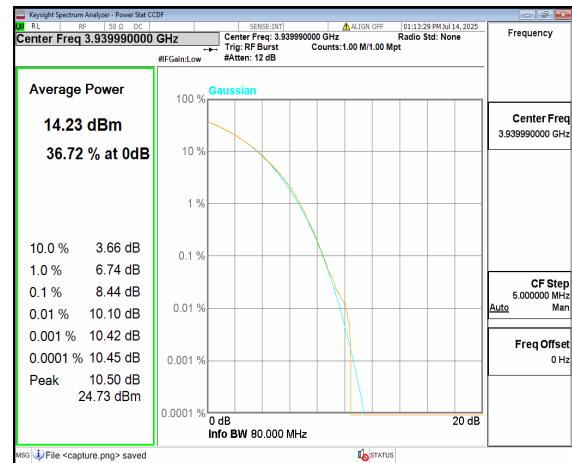
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Outer_Full High



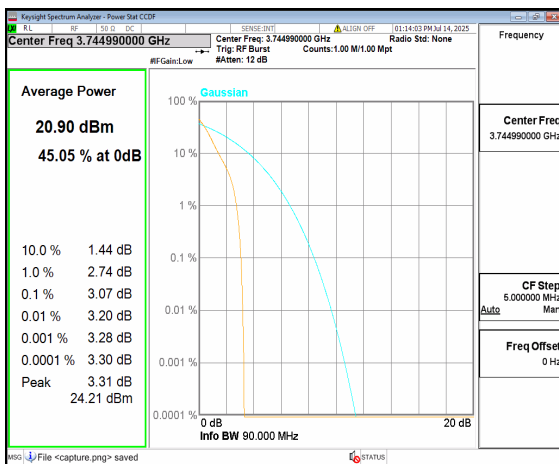
n77(3700-3980MHz) 80M DFT-s-OFDM
256QAM Outer_Full High



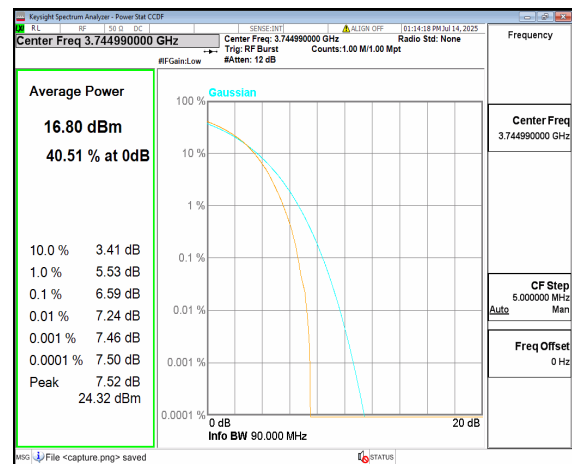
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Outer_Full High



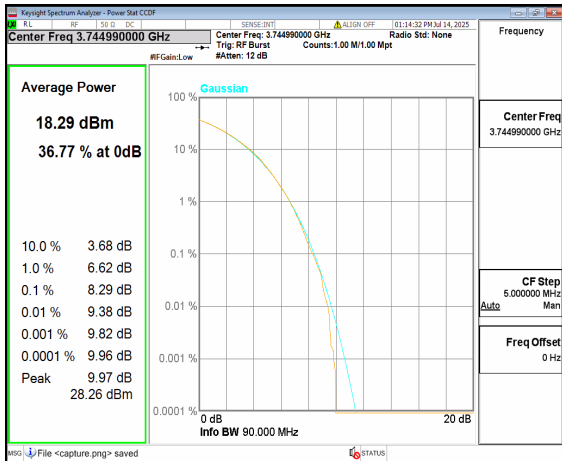
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Outer_Full High



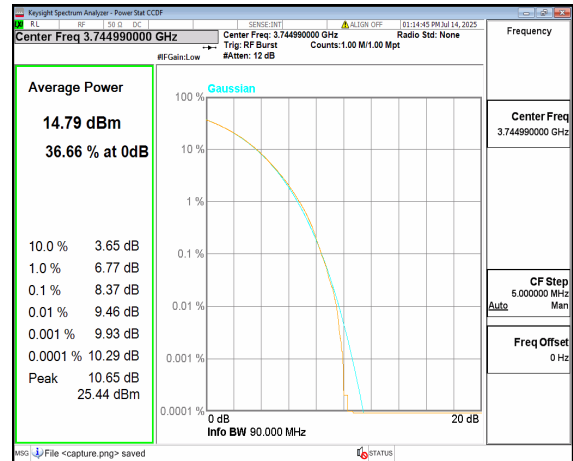
n77(3700-3980MHz) 90M DFT-s-OFDM BPSK
Outer_Full Low



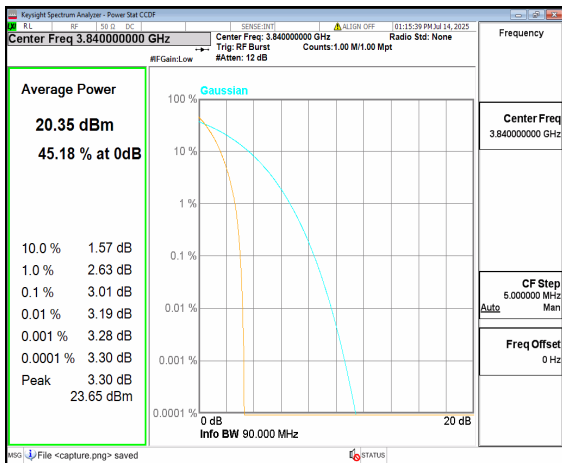
n77(3700-3980MHz) 90M DFT-s-OFDM
256QAM Outer_Full Low



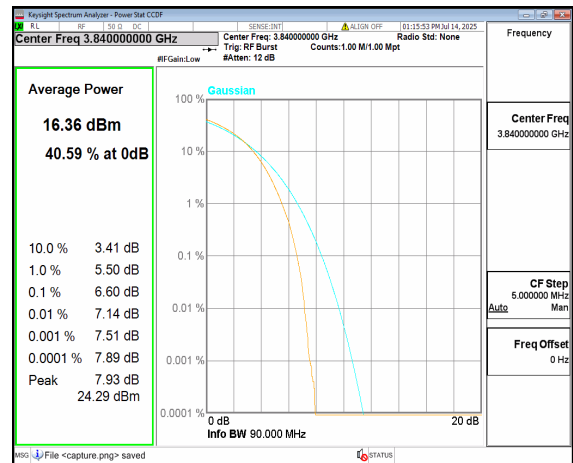
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Outer_Full Low



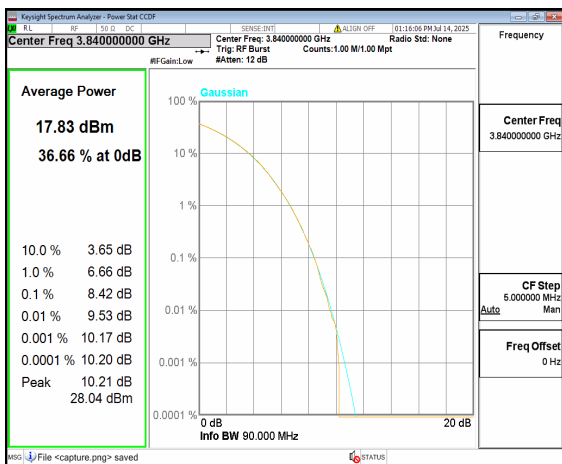
n77(3700-3980MHz) 90M CP-OFDM 256QAM
Outer_Full Low



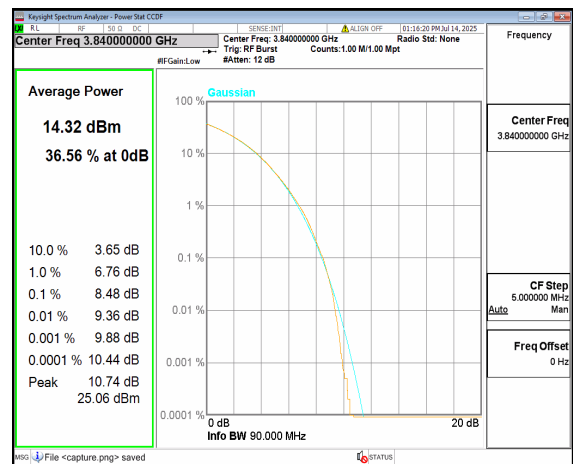
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Outer_Full Mid



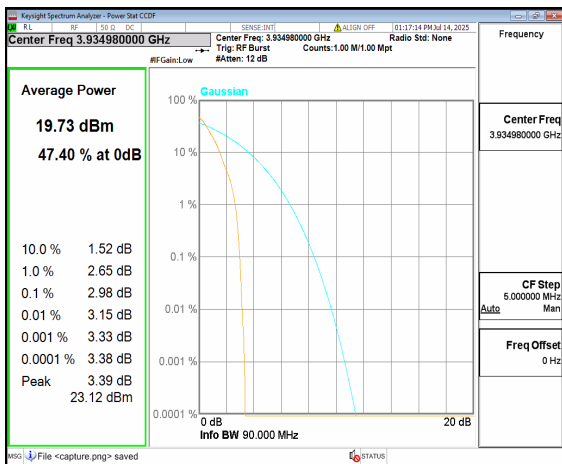
n77(3700-3980MHz) 90M DFT-s-OFDM
256QAM Outer_Full Mid



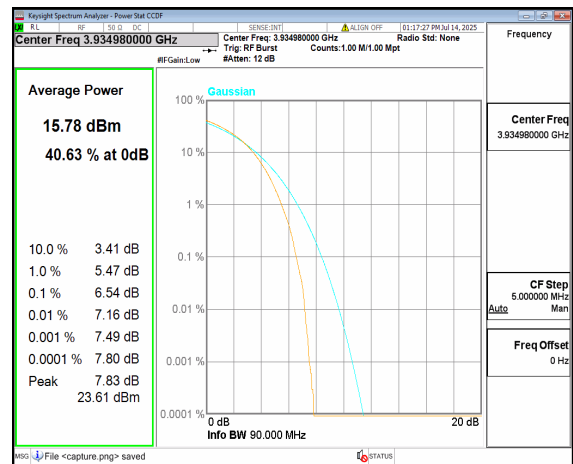
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Outer_Full Mid



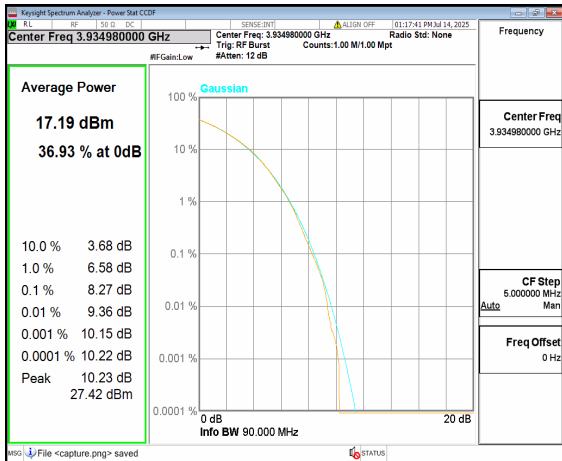
n77(3700-3980MHz) 90M CP-OFDM 256QAM
Outer_Full Mid



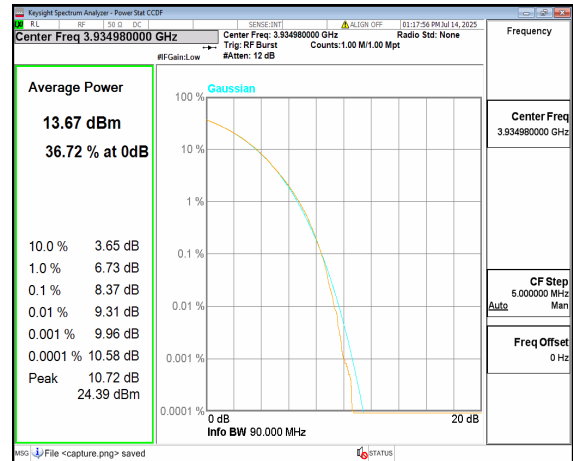
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Outer_Full High



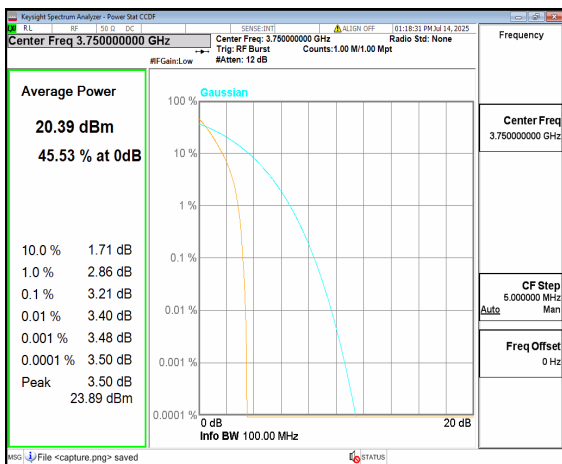
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256QAM Outer_Full High



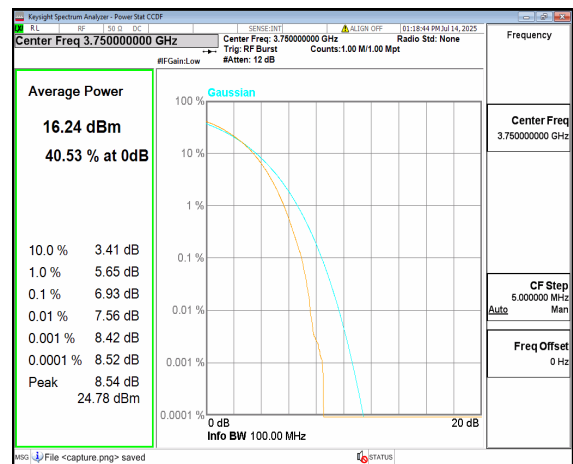
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Outer_Full High



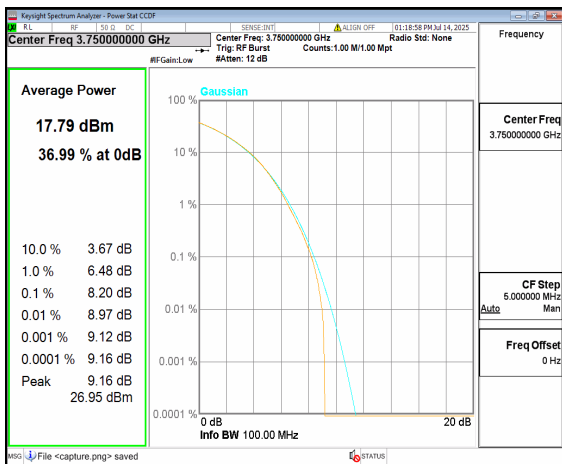
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Outer_Full High



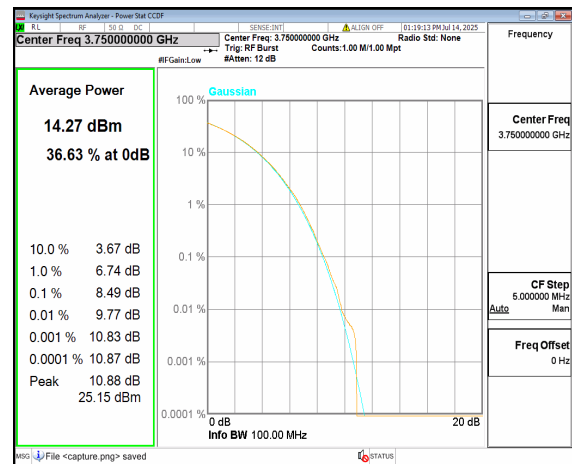
n77(3700-3980MHz) 100M DFT-s-OFDM BPSK
Outer_Full Low



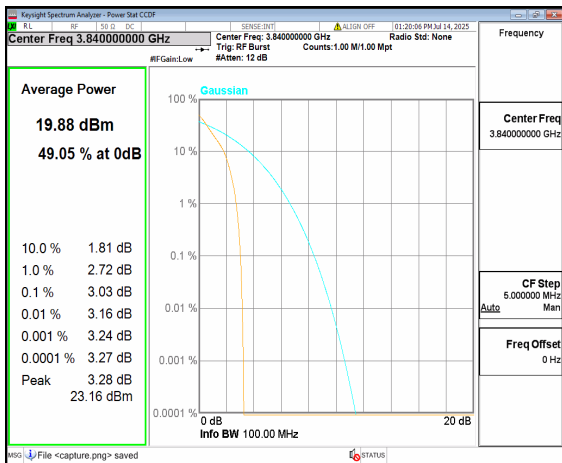
n77(3700-3980MHz) 100M DFT-s-OFDM
256QAM Outer_Full Low



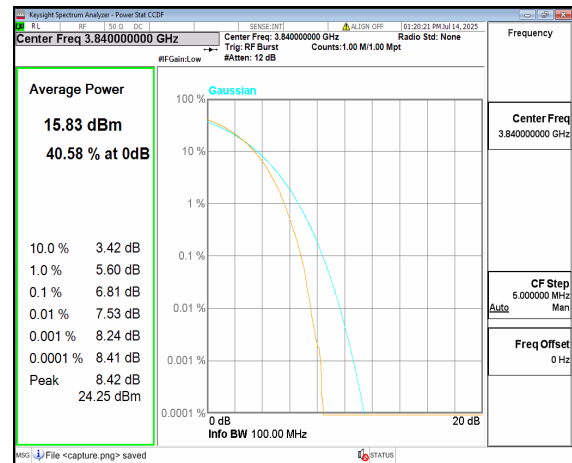
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Outer_Full Low



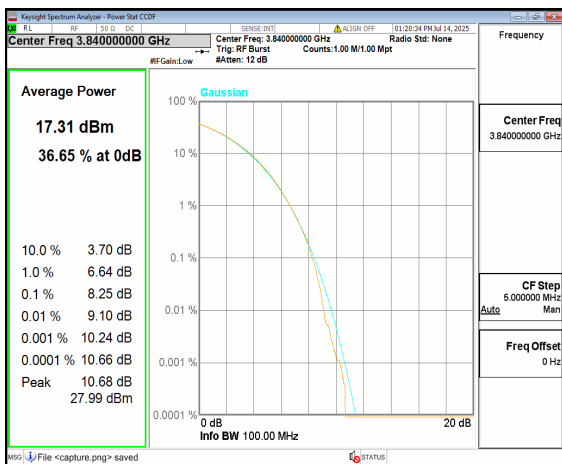
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Outer_Full Low



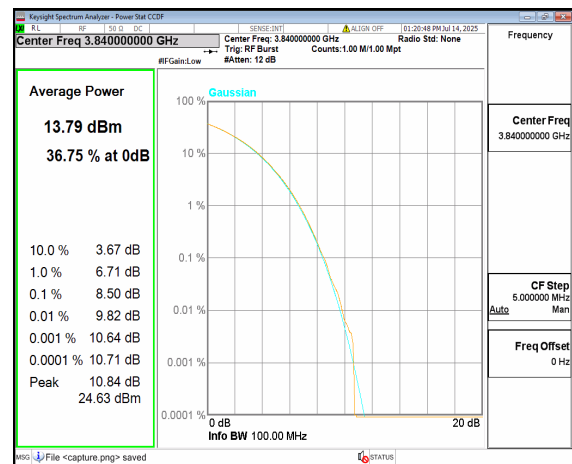
n77(3700-3980MHz) 100M DFT-s-OFDM BPSK
Outer_Full Mid



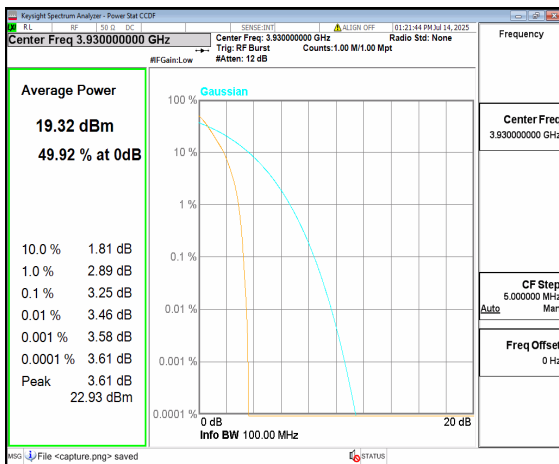
n77(3700-3980MHz) 100M DFT-s-OFDM
256QAM Outer_Full Mid



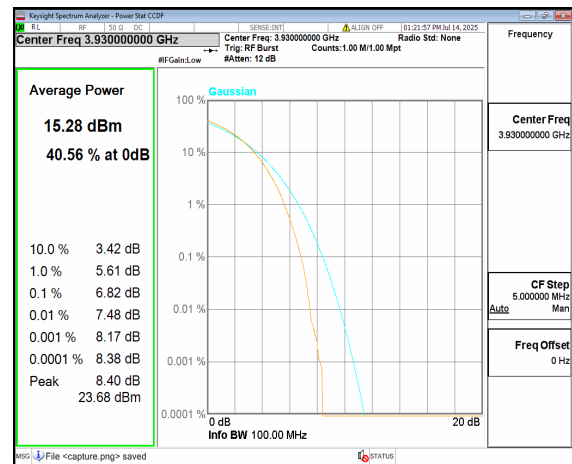
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Outer_Full Mid



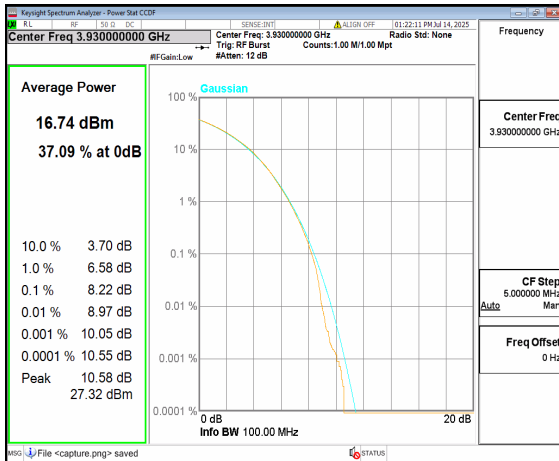
n77(3700-3980MHz) 100M CP-OFDM 256QAM
Outer_Full Mid



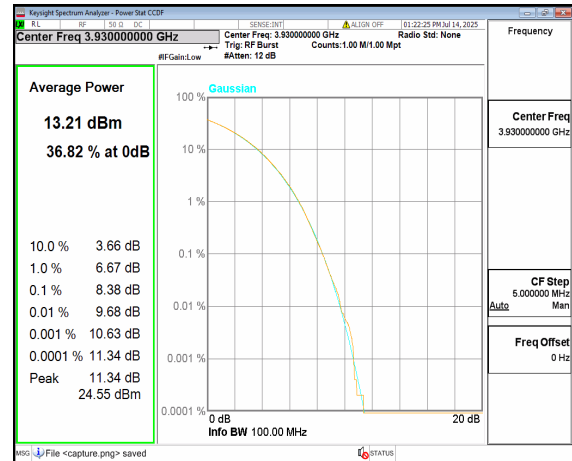
n77(3700-3980MHz) 100M DFT-s-OFDM BPSK
Outer_Full High



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



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



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, n25, 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(g) for n71, for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log(P)$ dB.

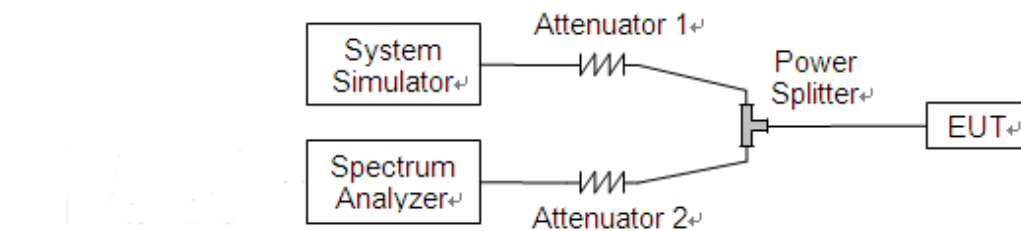
According to FCC section 27.53(m)(4) for nn41, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $55 + 10 \log(P)$ dB. This calculated to be -25dBm.

According to FCC section 27.53(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



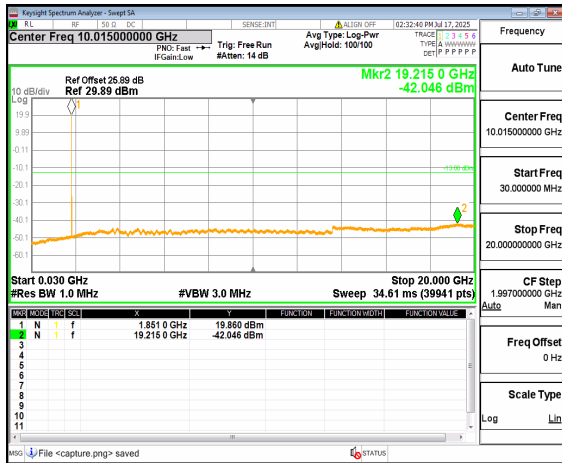
The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum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

2.5.3. Test procedure

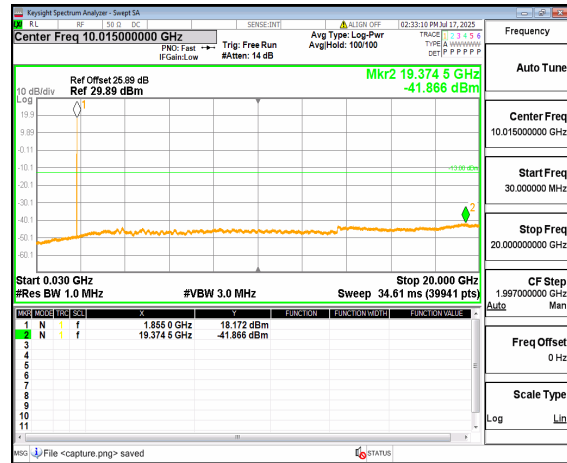
KDB 971168 D01v03 Section 6.0, ANSI/TIA-603-E-2016 and ANSI C63.26-2015 Section 5.7.

2.5.4. Test Result

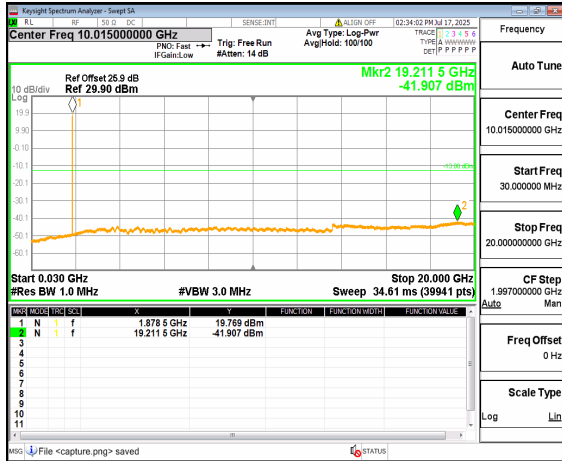
Note: In the same NR frequency band, The measured power in SA mode is higher than that in NSA mode, SA mode is selected to test all test cases.



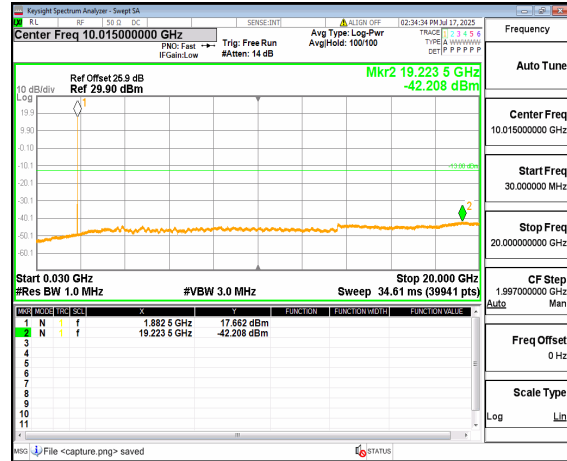
n2 (30MHz-20GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Left Low



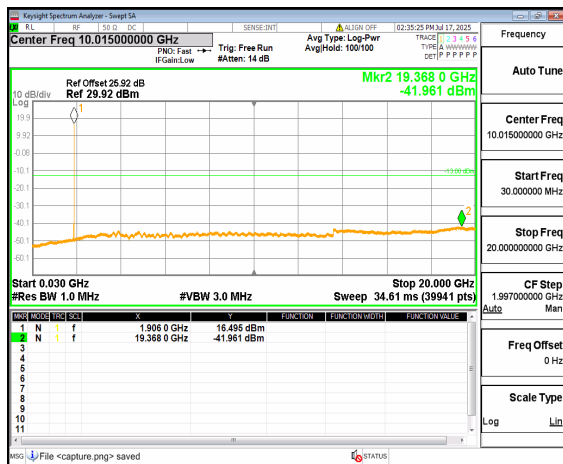
n2 (30MHz-20GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Right Low



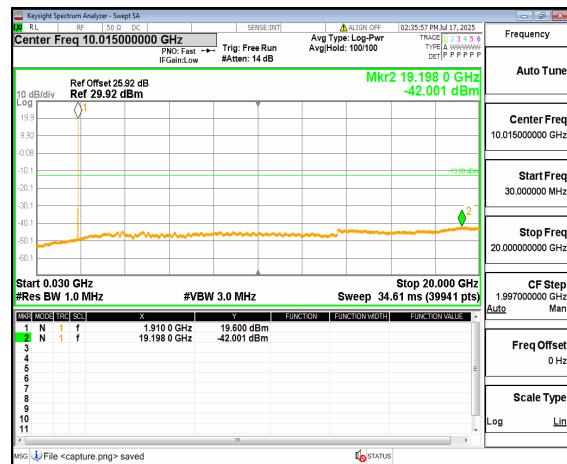
n2 (30MHz-20GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Left Mid



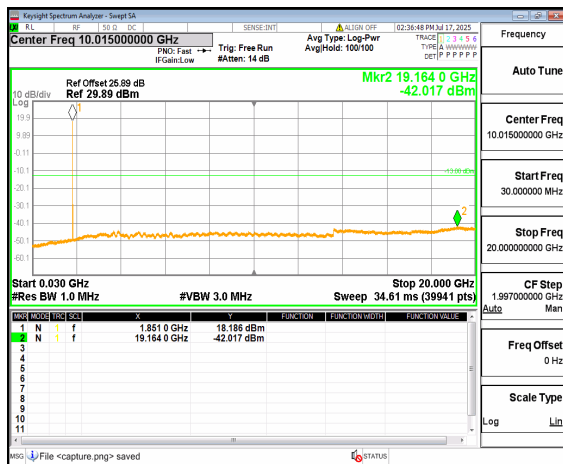
n2 (30MHz-20GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Right Mid



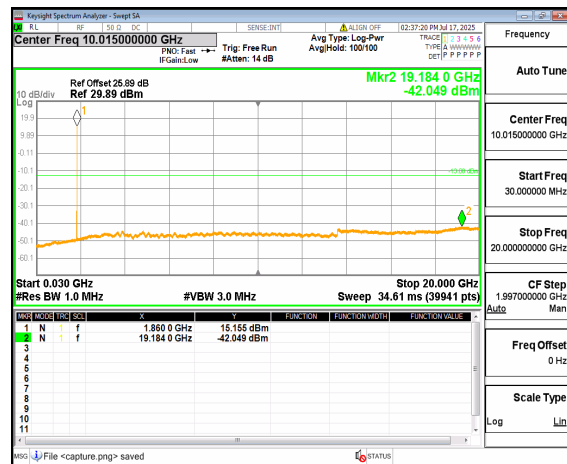
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Inner_1RB_Left High



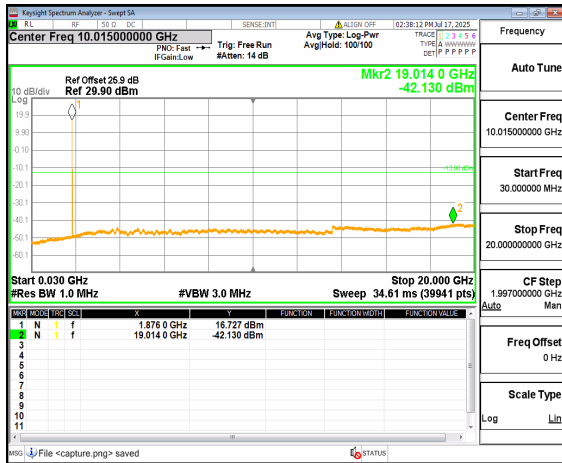
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Inner_1RB_Right High



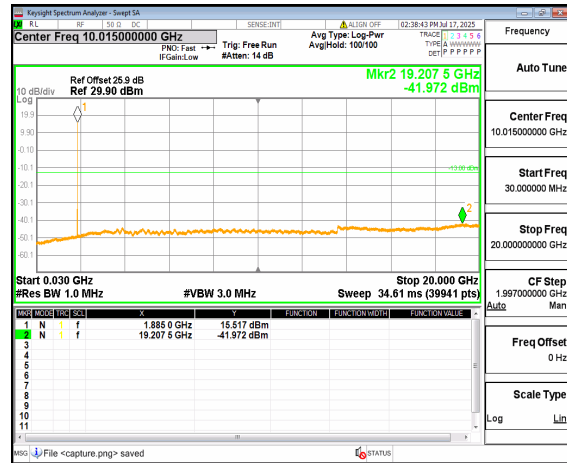
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QPSK Inner_1RB_Left Low



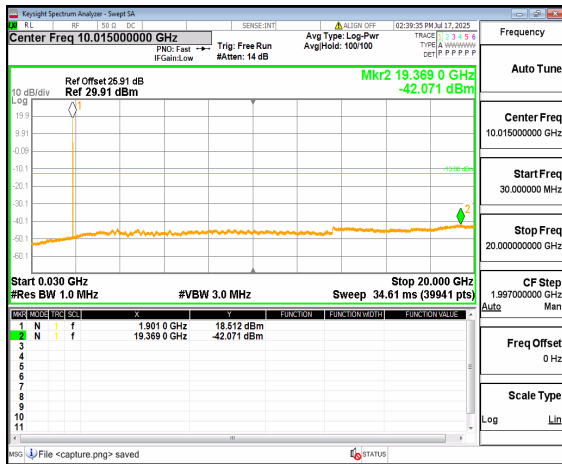
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Inner_1RB_Right Low



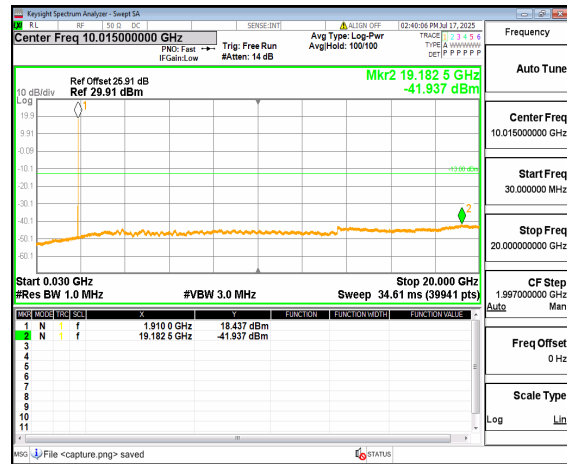
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QPSK Inner_1RB_Left Mid



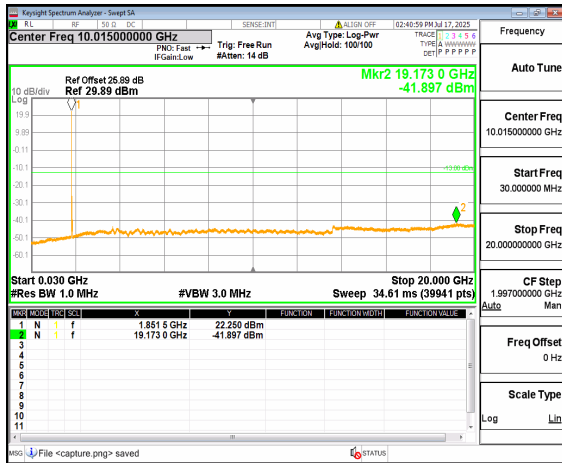
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Inner_1RB_Right Mid



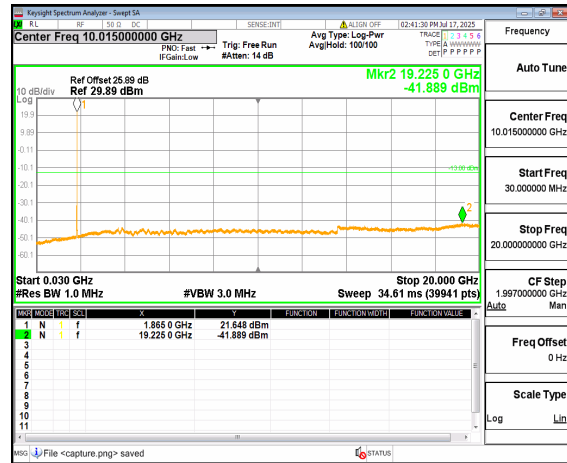
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QPSK Inner_1RB_Left High



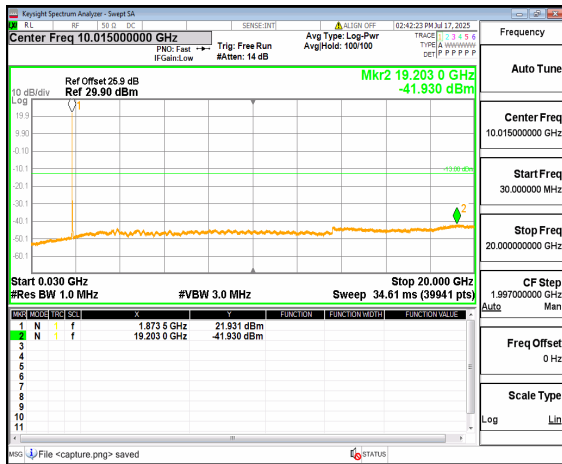
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Inner_1RB_Right High



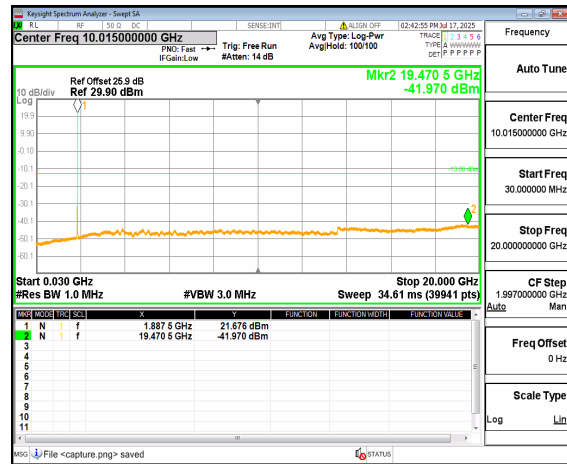
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QPSK Inner_1RB_Left Low



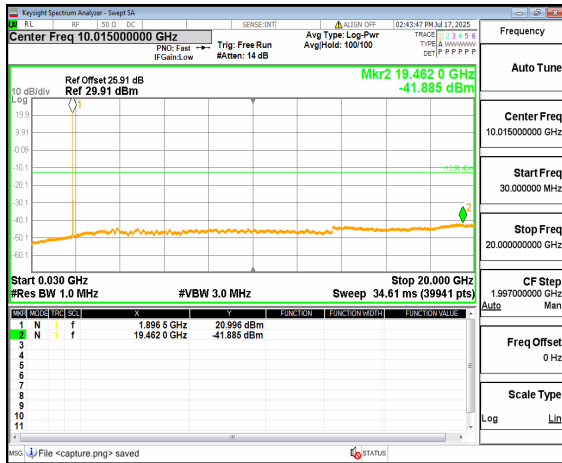
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Inner_1RB_Right Low



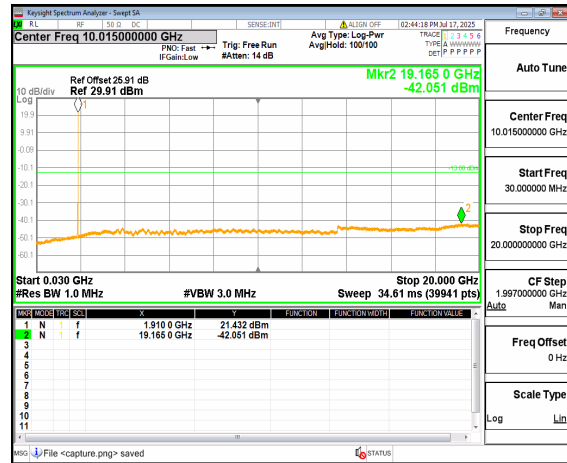
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QPSK Inner_1RB_Left Mid



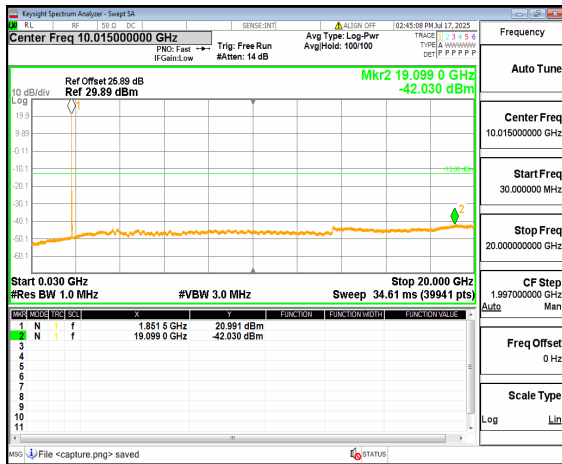
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Inner_1RB_Right Mid



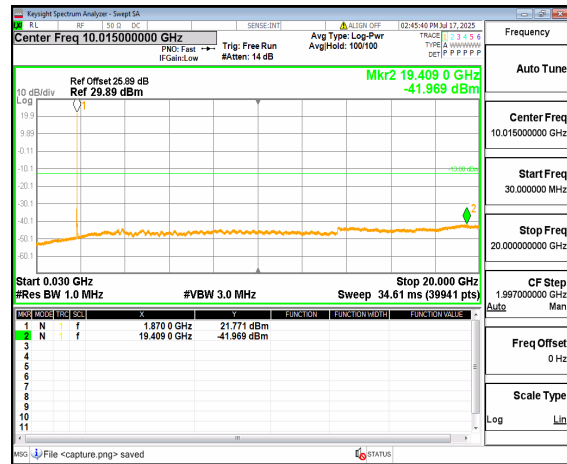
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QPSK Inner_1RB_Left High



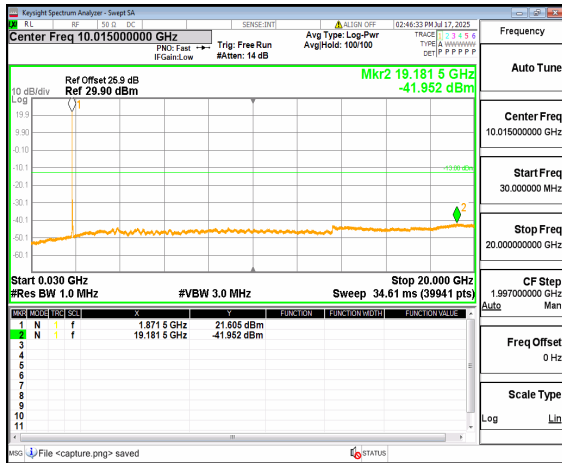
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Inner_1RB_Right High



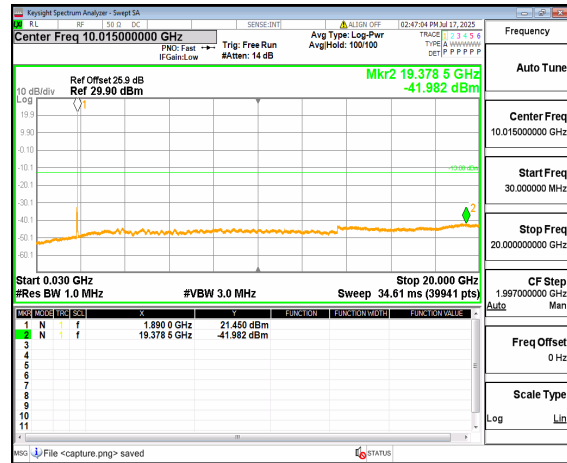
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QPSK Inner_1RB_Left Low



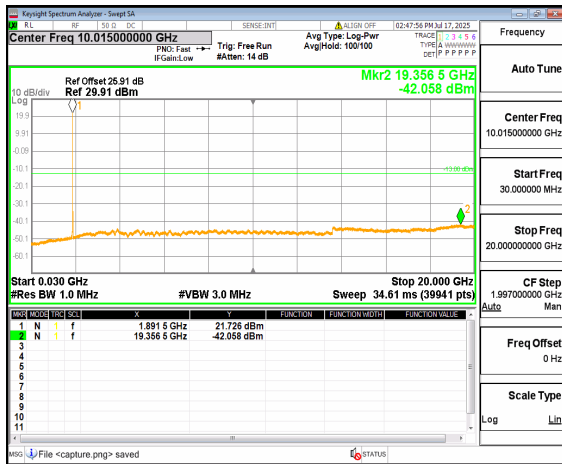
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Inner_1RB_Right Low



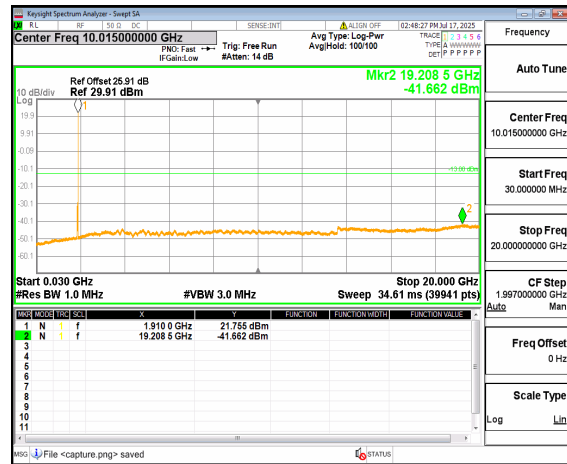
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QPSK Inner_1RB_Left Mid



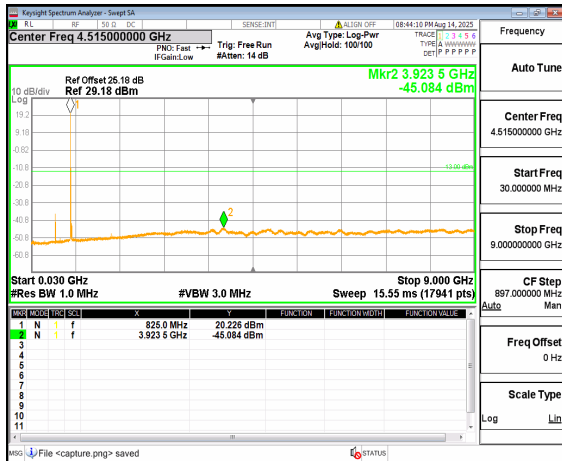
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Inner_1RB_Right Mid



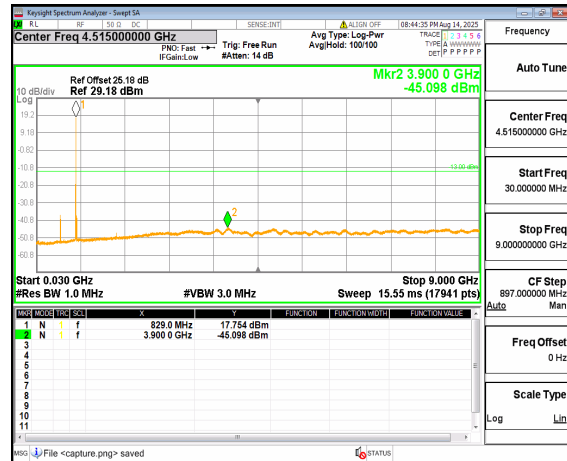
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QPSK Inner_1RB_Left High



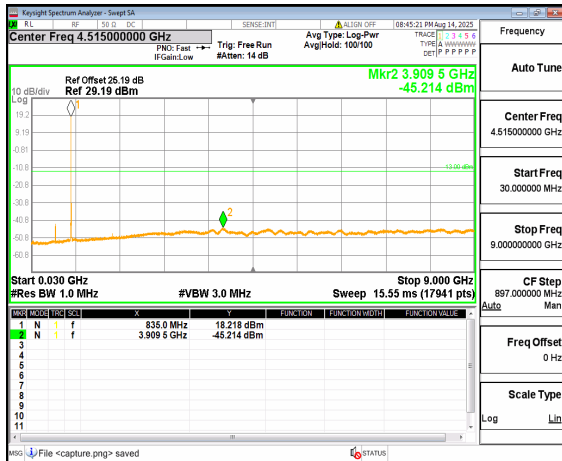
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Inner_1RB_Right High



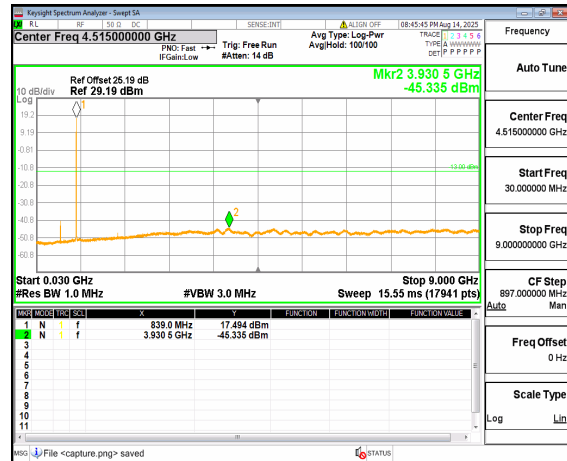
n5 (30MHz-9GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Left Low



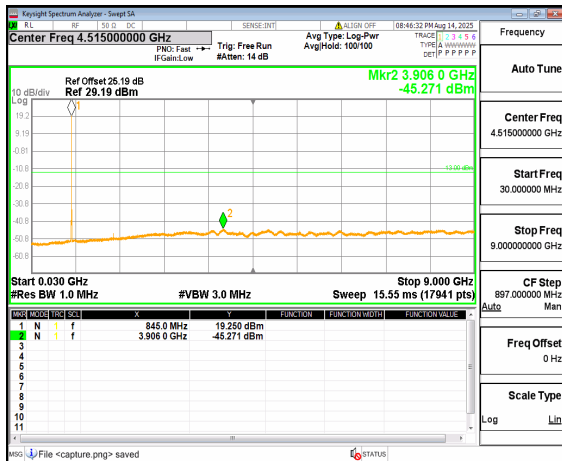
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Inner_1RB_Right Low



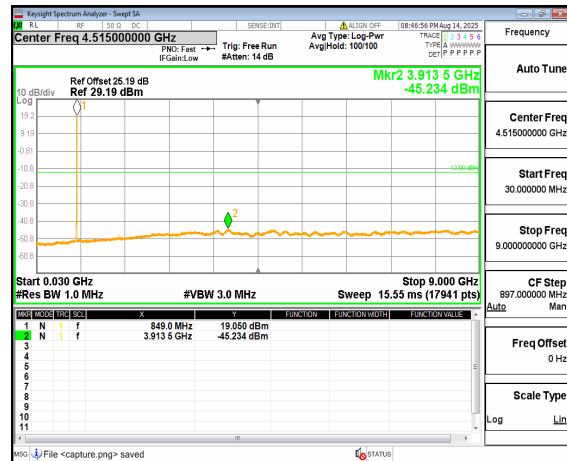
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Inner_1RB_Left Mid



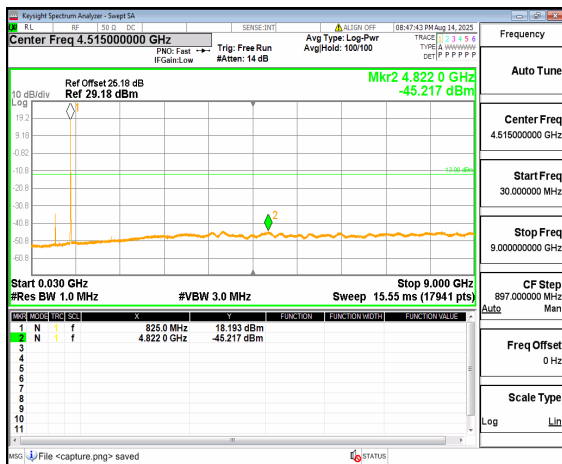
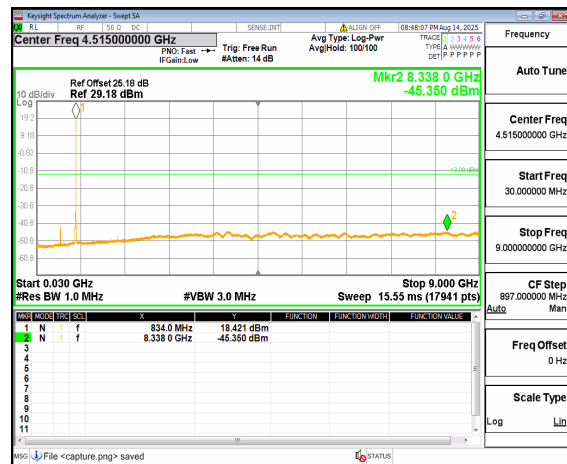
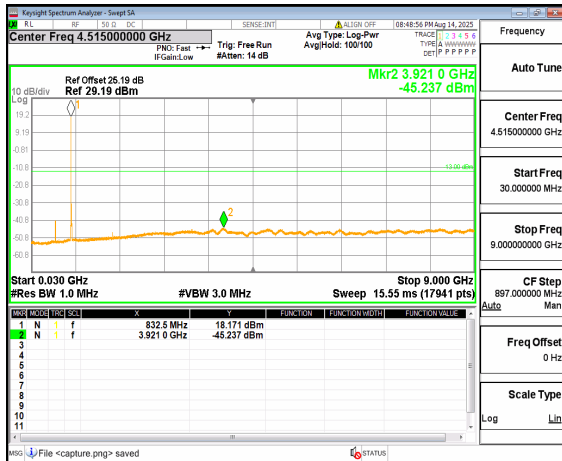
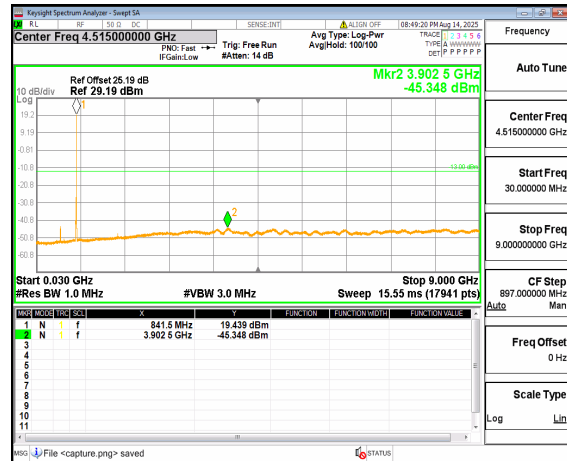
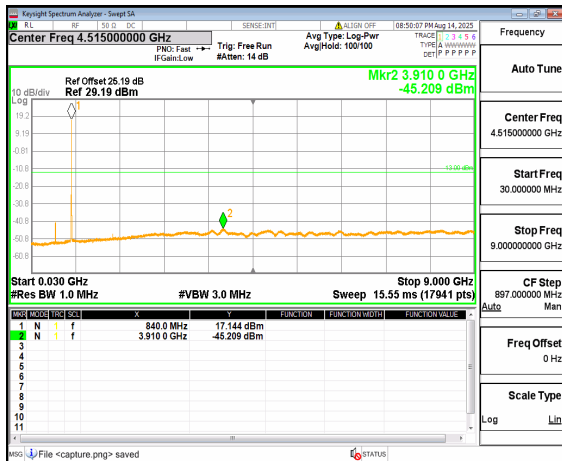
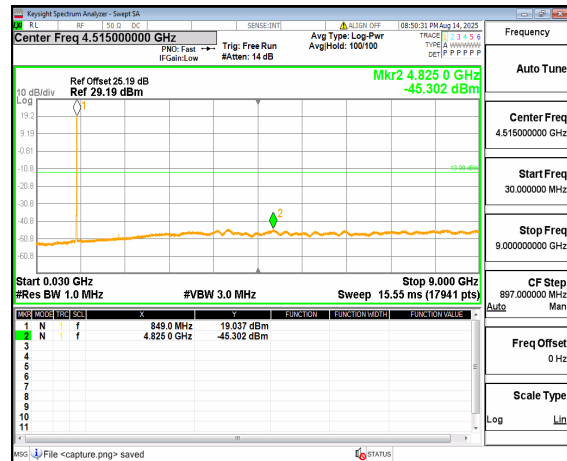
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Inner_1RB_Right Mid

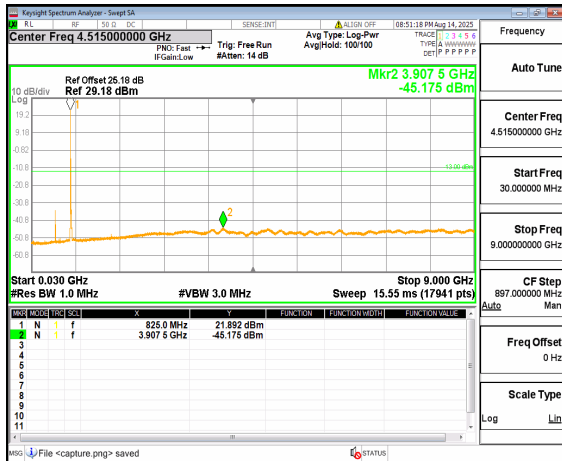
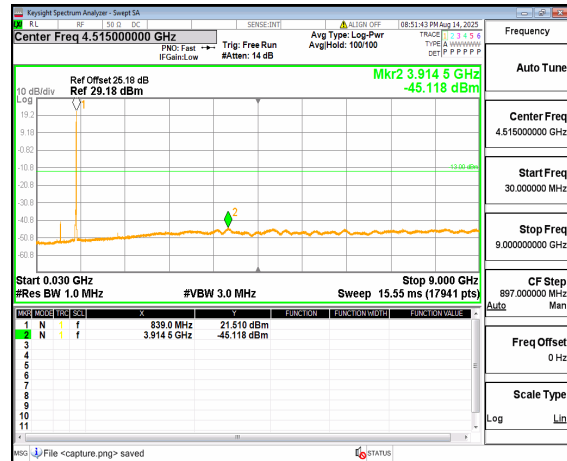
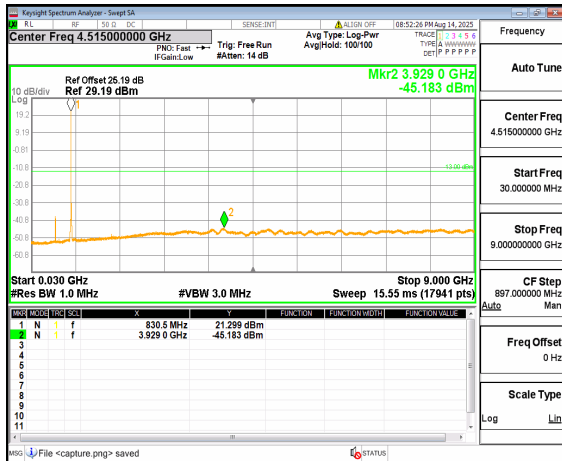
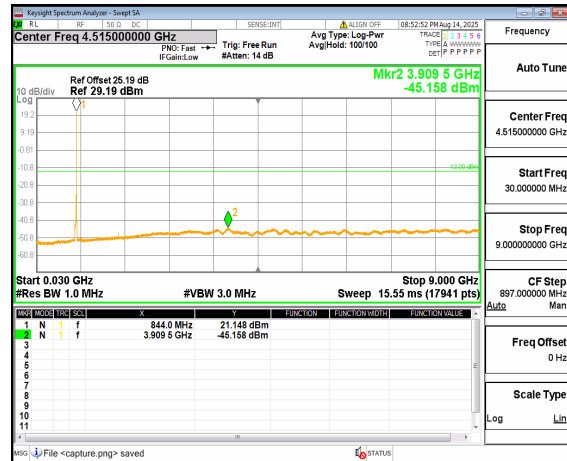
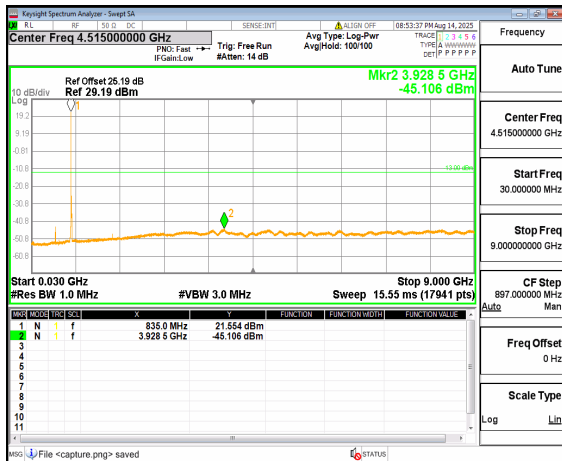
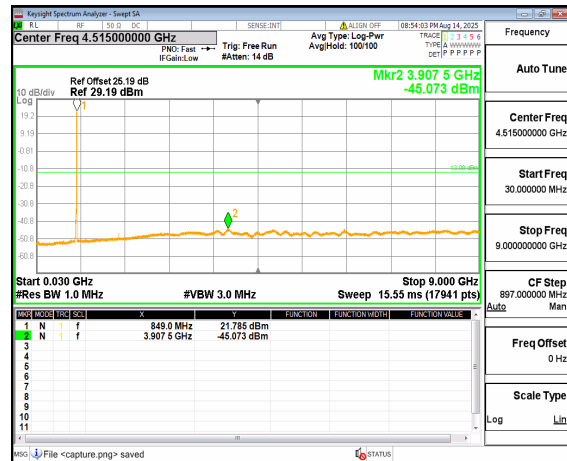


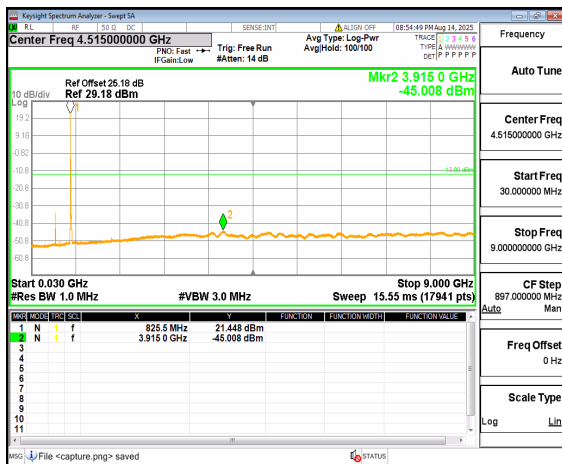
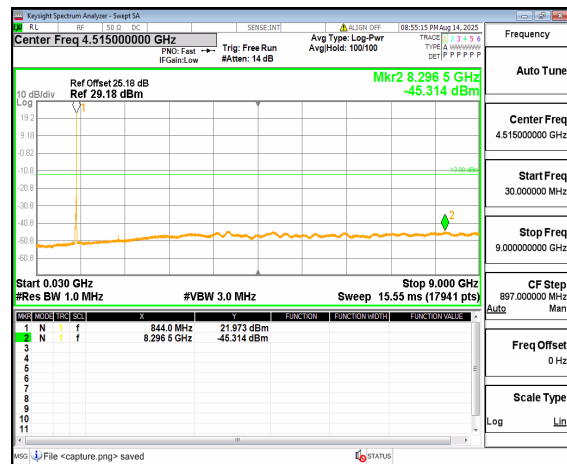
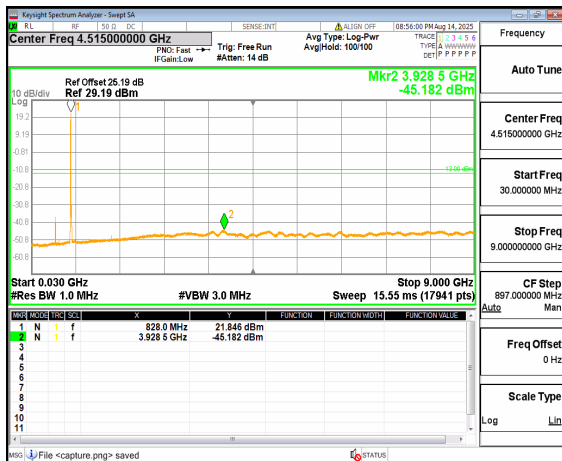
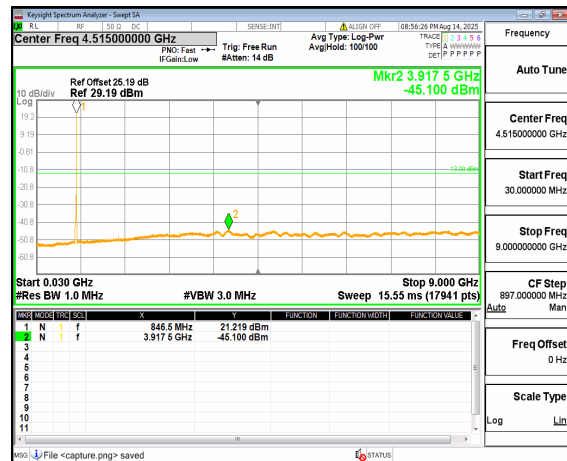
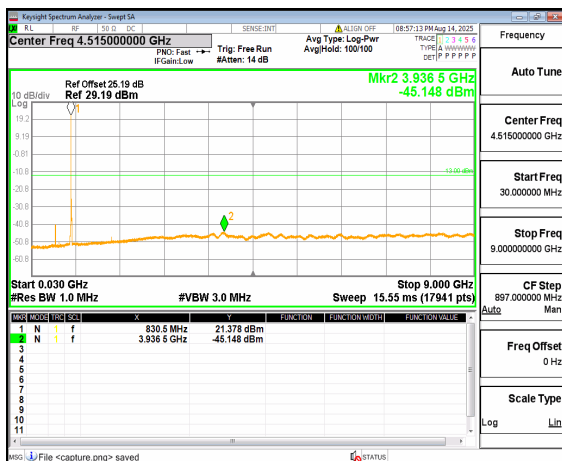
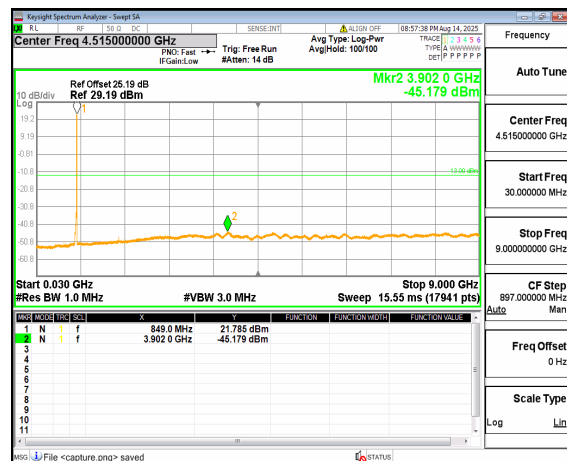
n5 (30MHz-9GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Left High

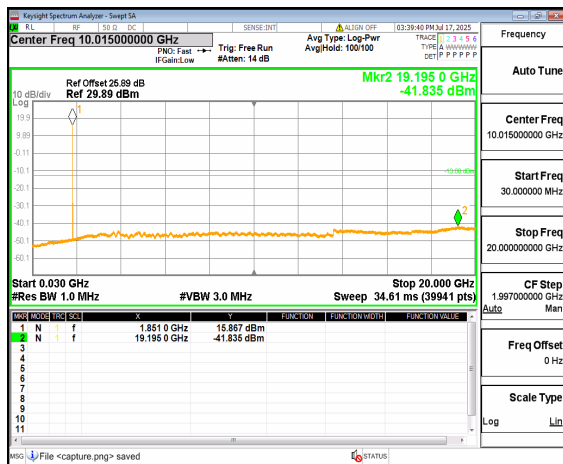


n5 (30MHz-9GHz) 5M DFT-s-OFDM QPSK
Inner_1RB_Right High

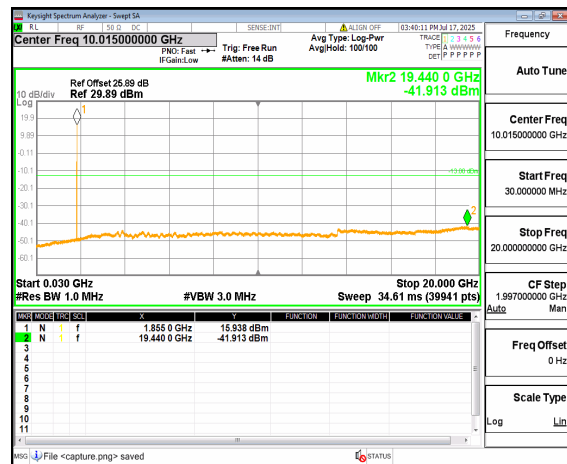
n5 (30MHz-9GHz) 10M DFT-s-OFDM QPSK
Inner_1RB_Left Lown5 (30MHz-9GHz) 10M DFT-s-OFDM QPSK
Inner_1RB_Right Lown5 (30MHz-9GHz) 10M DFT-s-OFDM QPSK
Inner_1RB_Left Midn5 (30MHz-9GHz) 10M DFT-s-OFDM QPSK
Inner_1RB_Right Midn5 (30MHz-9GHz) 10M DFT-s-OFDM QPSK
Inner_1RB_Left Highn5 (30MHz-9GHz) 10M DFT-s-OFDM QPSK
Inner_1RB_Right High

n5 (30MHz-9GHz) 15M DFT-s-OFDM QPSK
Inner_1RB_Left Lown5 (30MHz-9GHz) 15M DFT-s-OFDM QPSK
Inner_1RB_Right Lown5 (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 QPSK
Inner_1RB_Left Highn5 (30MHz-9GHz) 15M DFT-s-OFDM QPSK
Inner_1RB_Right High

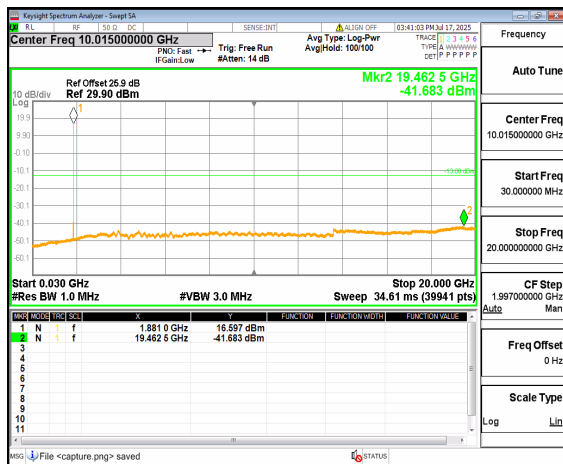
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Inner_1RB_Right Lown5 (30MHz-9GHz) 20M DFT-s-OFDM QPSK
Inner_1RB_Left Midn5 (30MHz-9GHz) 20M DFT-s-OFDM QPSK
Inner_1RB_Right Midn5 (30MHz-9GHz) 20M DFT-s-OFDM QPSK
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Inner_1RB_Right High



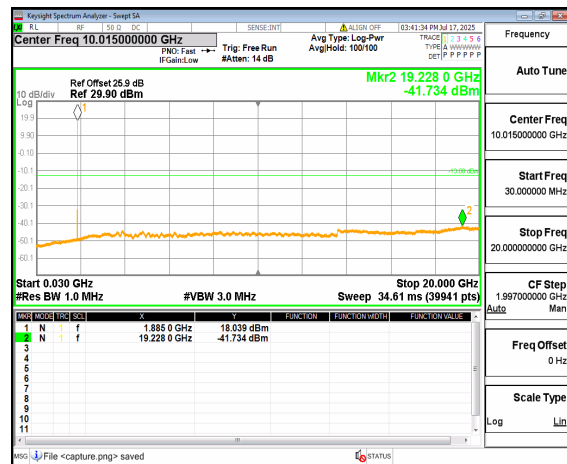
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QPSK Inner_1RB_Left Low



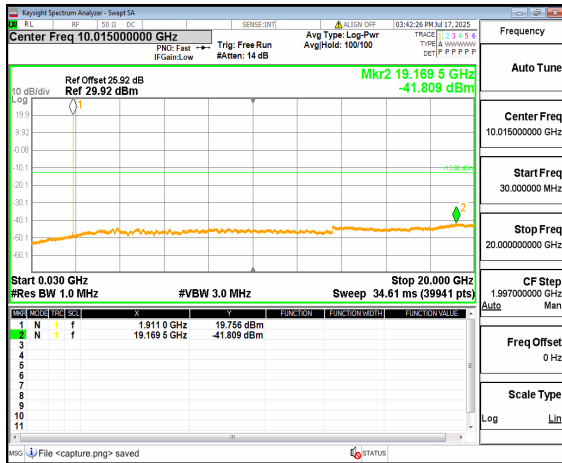
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Inner_1RB_Right Low



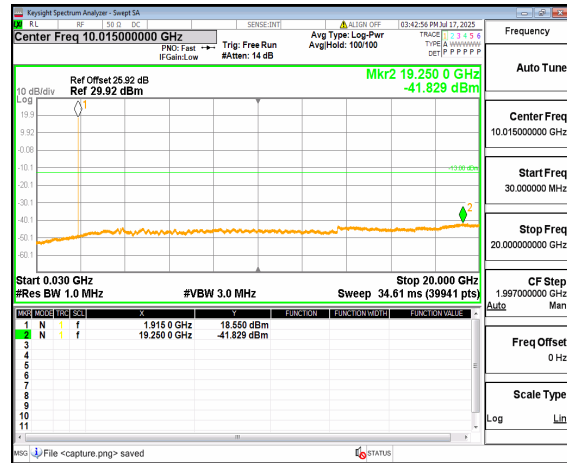
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QPSK Inner_1RB_Left Mid



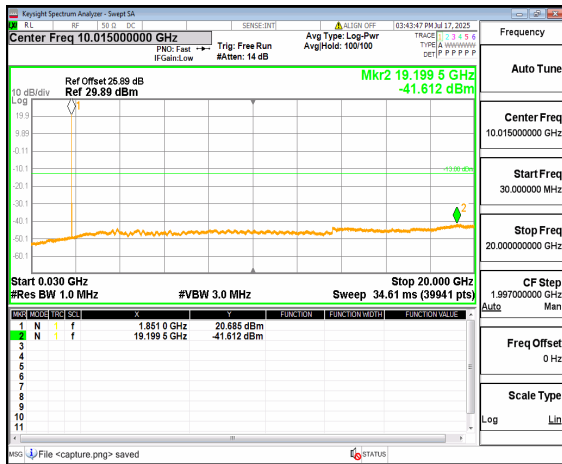
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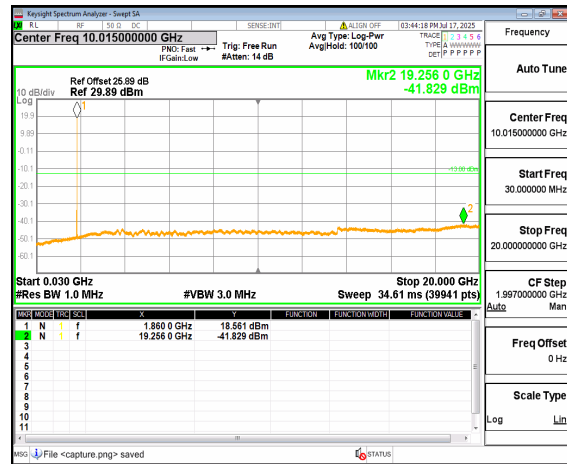
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QPSK Inner_1RB_Left High



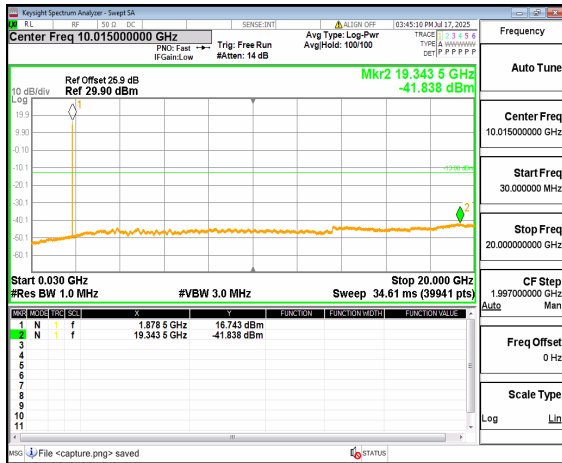
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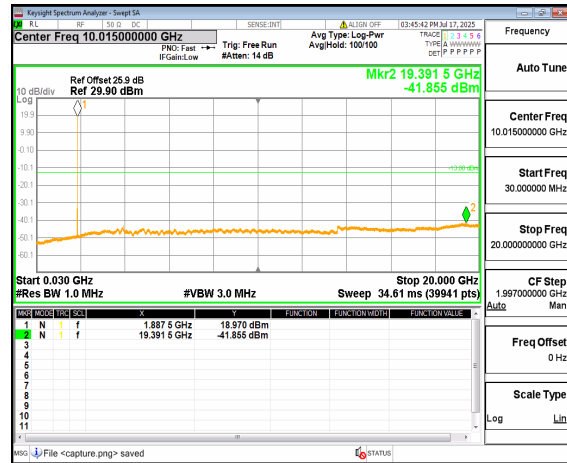
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QPSK Inner_1RB_Left Low



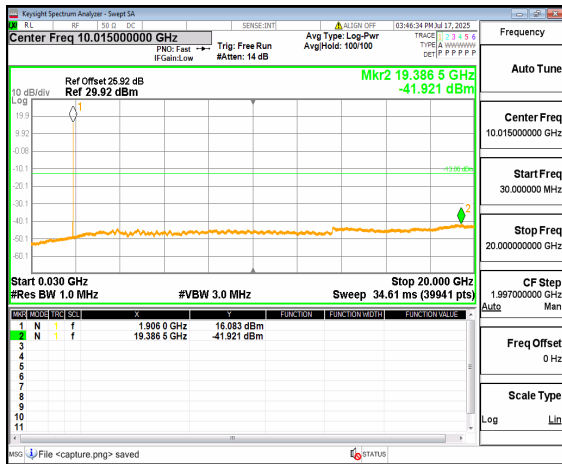
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QPSK Inner_1RB_Right Low



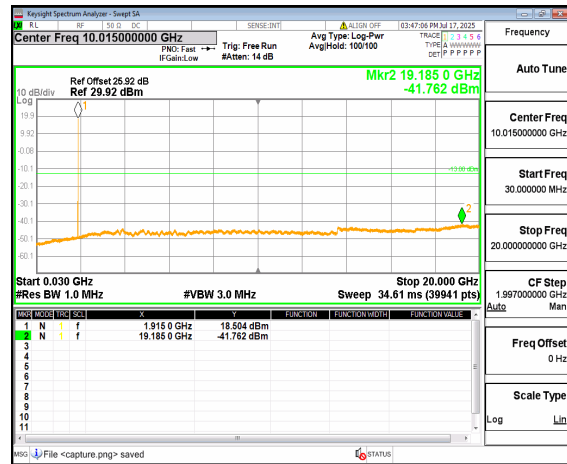
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QPSK Inner_1RB_Left Mid



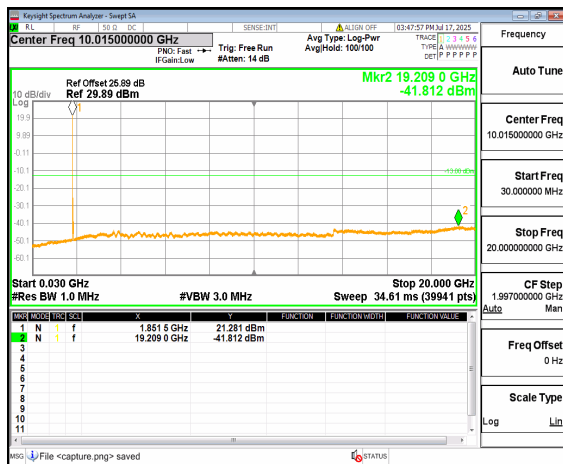
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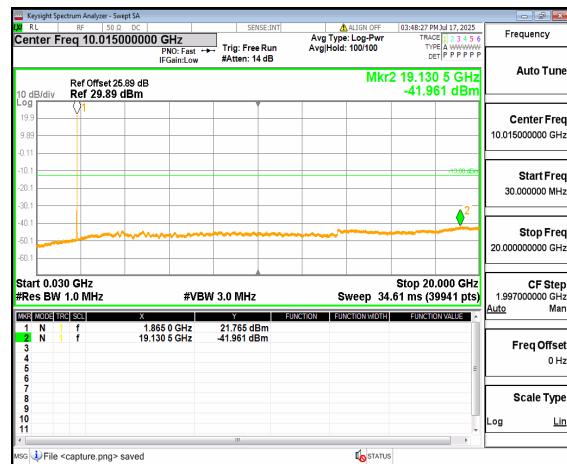
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QPSK Inner_1RB_Left High



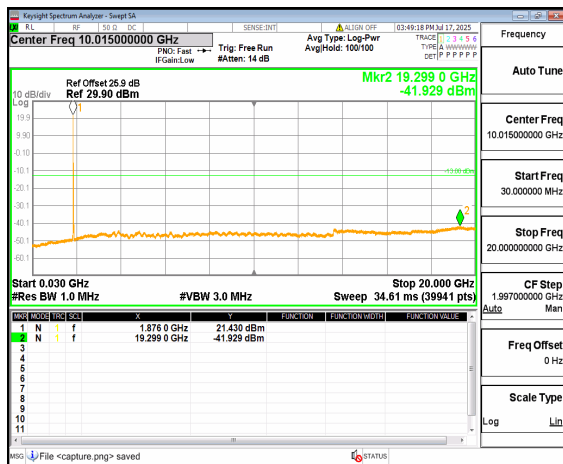
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QPSK Inner_1RB_Right High



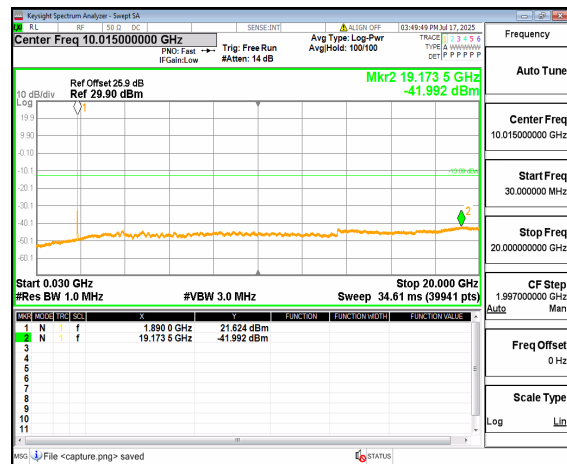
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QPSK Inner_1RB_Left Low



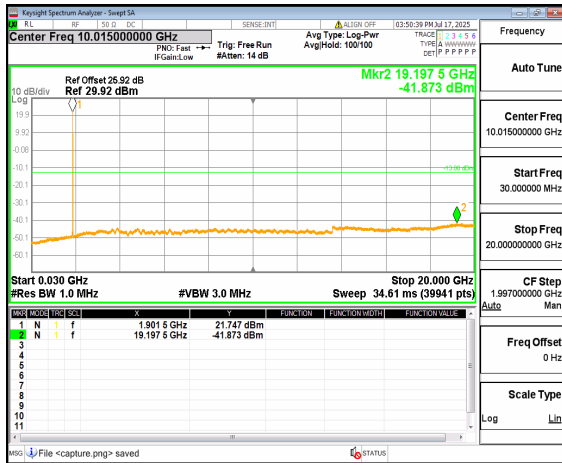
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QPSK Inner_1RB_Right Low



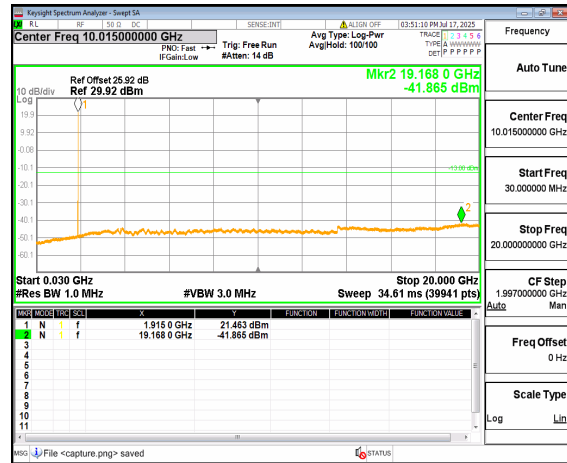
n25 (30MHz-20GHz) 15M DFT-s-OFDM
QPSK Inner_1RB_Left Mid



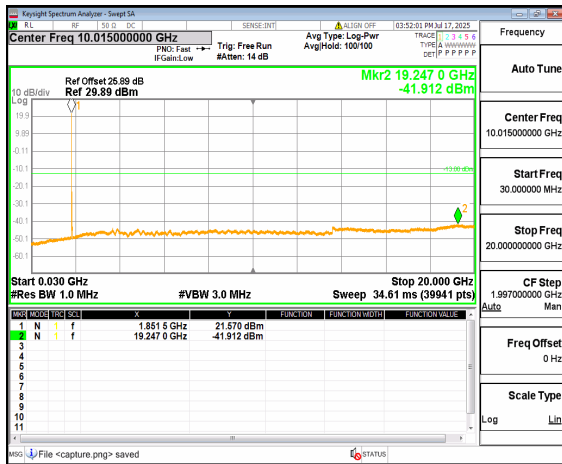
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QPSK Inner_1RB_Right Mid



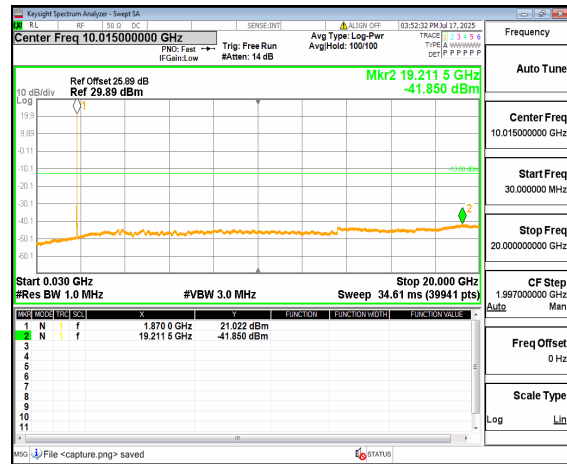
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QPSK Inner_1RB_Left High



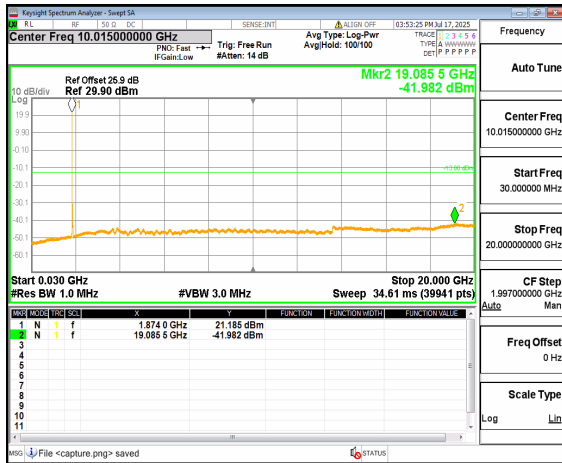
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QPSK Inner_1RB_Right High



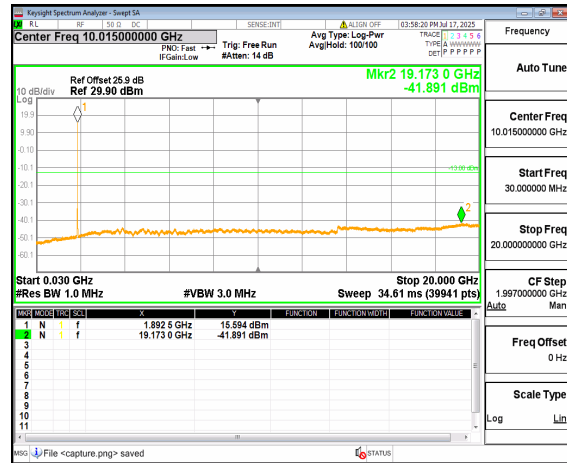
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QPSK Inner_1RB_Left Low



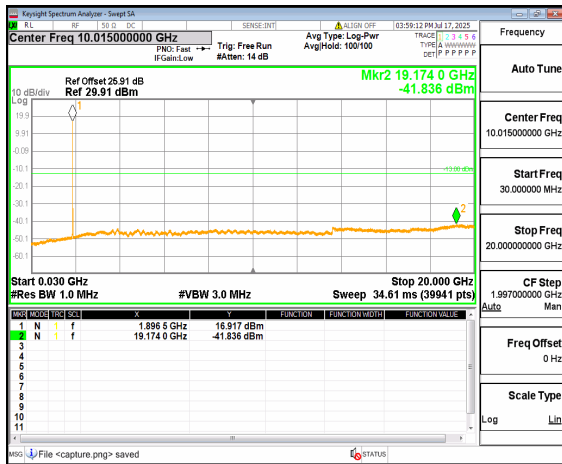
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QPSK Inner_1RB_Right Low



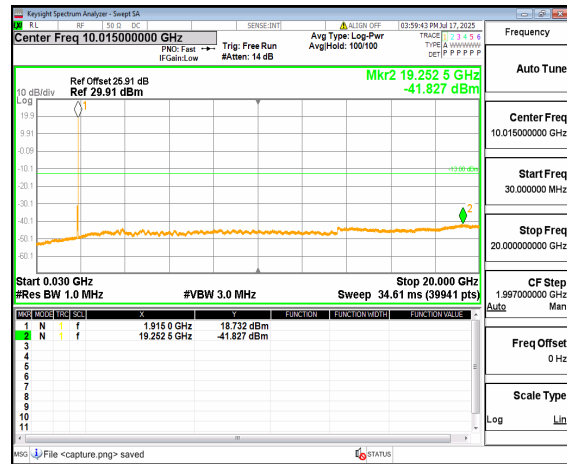
n25 (30MHz-20GHz) 20M DFT-s-OFDM
QPSK Inner_1RB_Left Mid



n25 (30MHz-20GHz) 20M DFT-s-OFDM
QPSK Inner_1RB_Right Mid



n25 (30MHz-20GHz) 20M DFT-s-OFDM
QPSK Inner_1RB_Left High



n25 (30MHz-20GHz) 20M DFT-s-OFDM
QPSK Inner_1RB_Right High