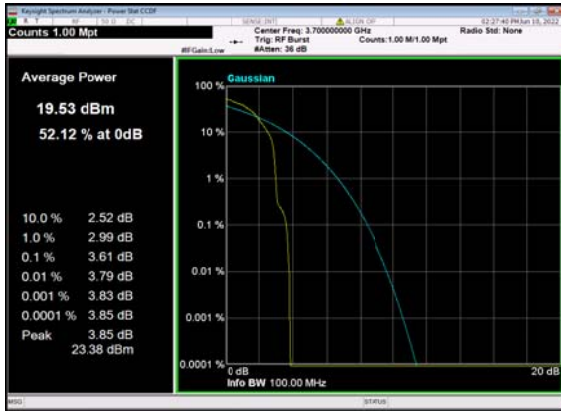
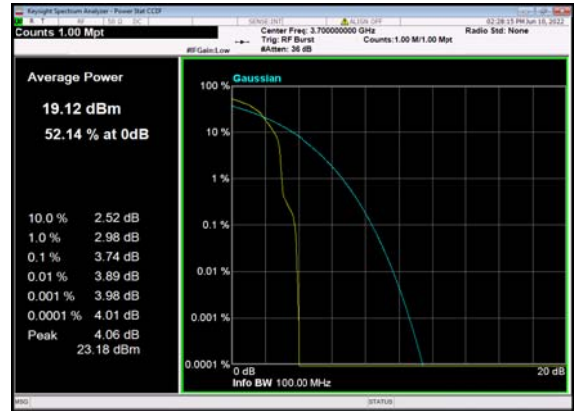




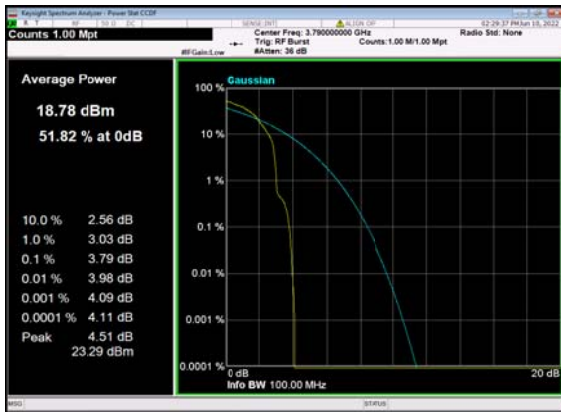
n77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



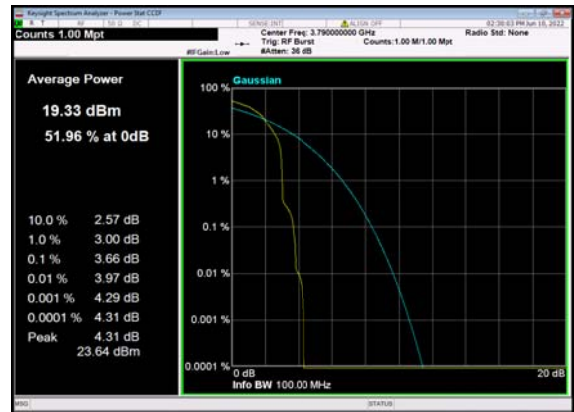
n77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Low_CH



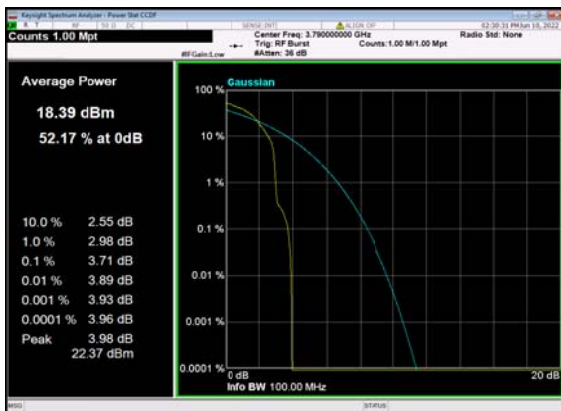
n77(100M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



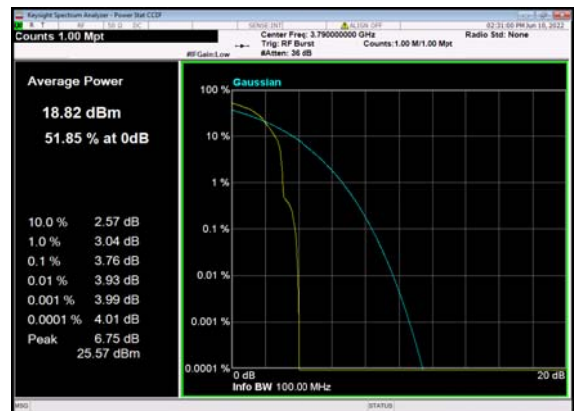
n77(100M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



n77(100M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Right_Mid_CH

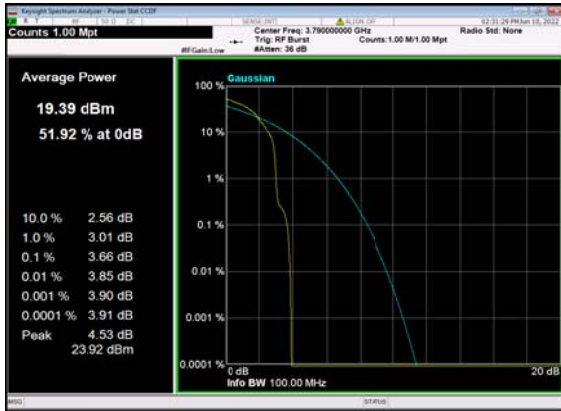


n77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

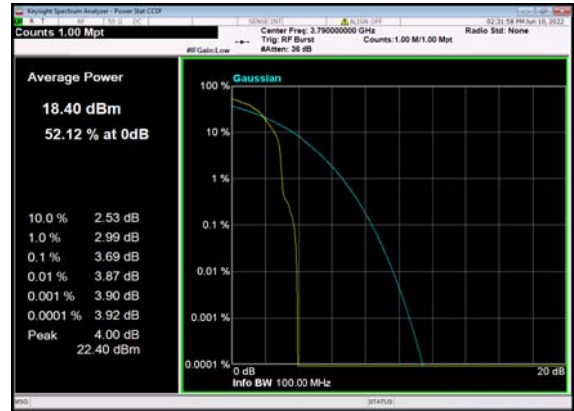




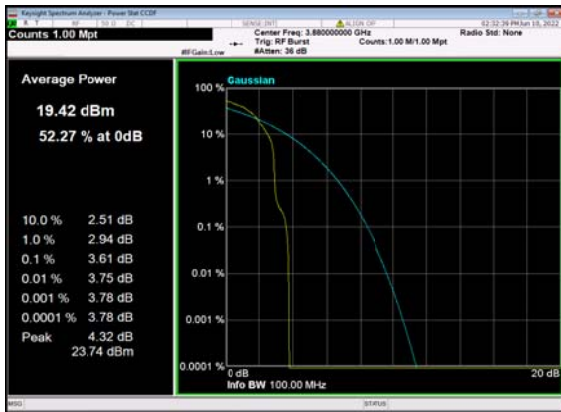
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Edge_1RB_Left_Mid_CH



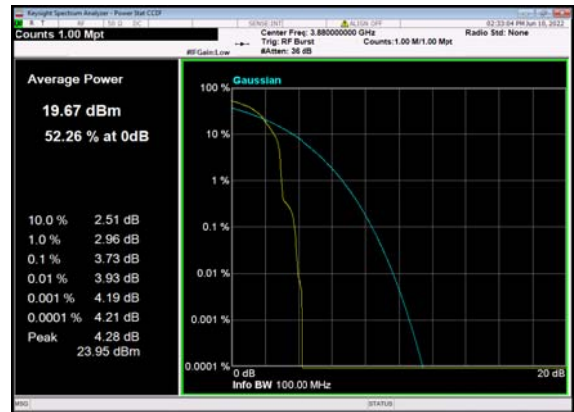
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Edge_1RB_Right_Mid_CH



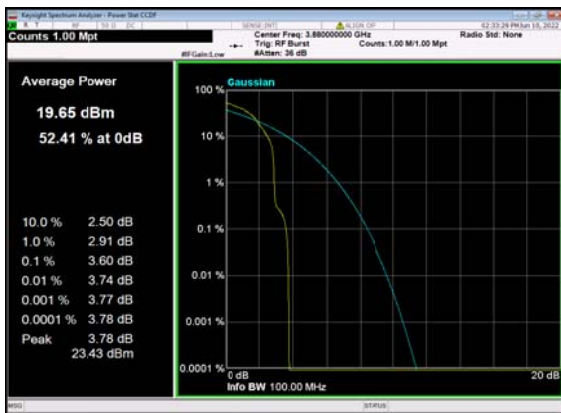
n77(100M)_DFT-s-OFDM_PI_2-BPSK_
Outer_Full_High_CH



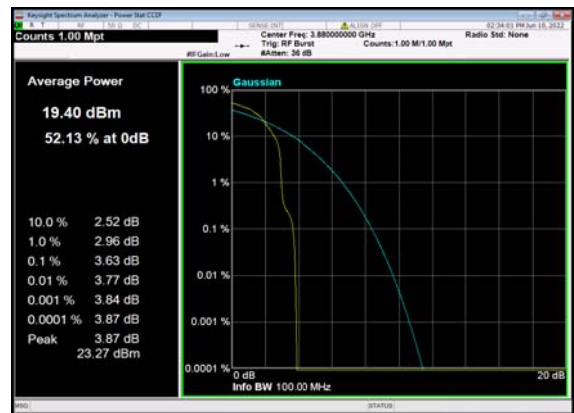
n77(100M)_DFT-s-OFDM_PI_2-BPSK_
Edge_1RB_Left_High_CH



n77(100M)_DFT-s-OFDM_PI_2-BPSK_
Edge_1RB_Right_High_CH



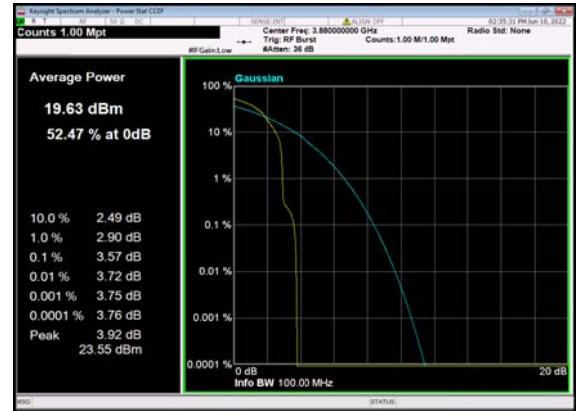
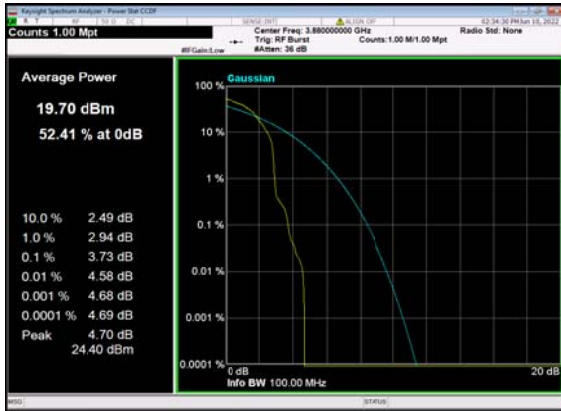
n77(100M)_DFT-s-OFDM_QPSK_
Outer_Full_High_CH





n77(100M)_DFT-s-OFDM_QPSK_
Edge_1RB_Left_High_CH

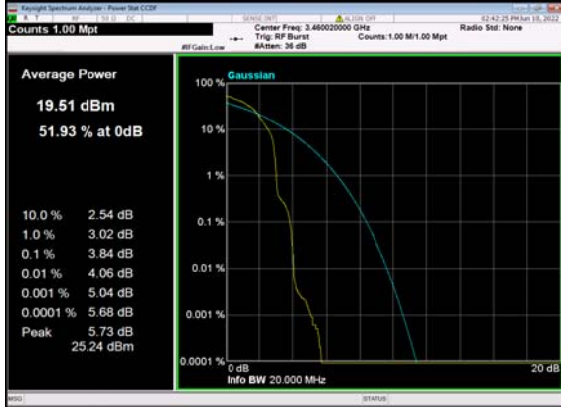
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1RB_Right_High_CH



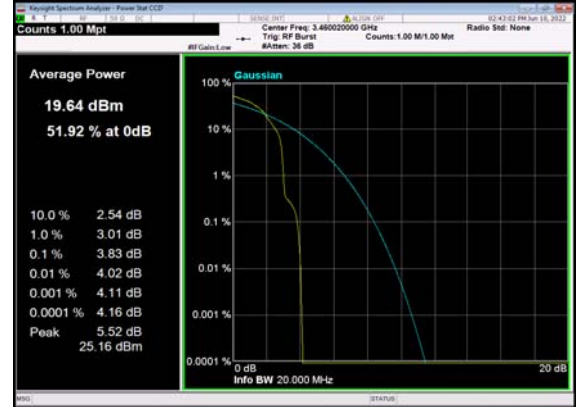


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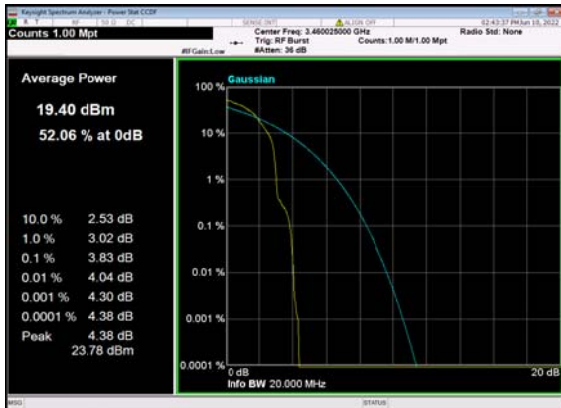
n77(20M)_DFT-s-OFDM_PI_2-BPSK_
Outer_Full_630668_CH



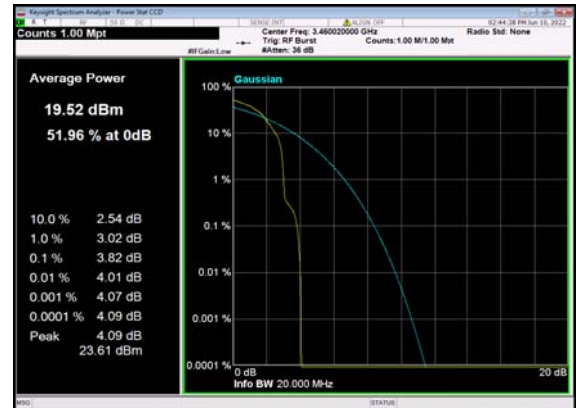
n77(20M)_DFT-s-OFDM_PI_2-BPSK_
Edge_1RB_Left_630668_CH



n77(20M)_DFT-s-OFDM_PI_2-BPSK_
Edge_1RB_Right_630668_CH

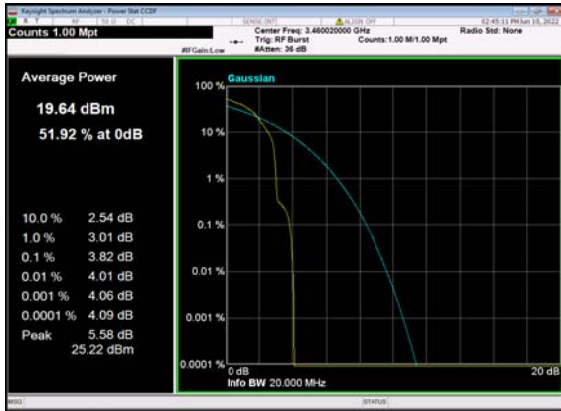


n77(20M)_DFT-s-OFDM_QPSK_
Outer_Full_630668_CH

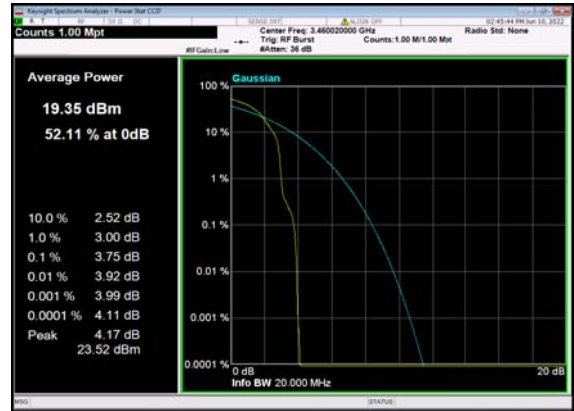




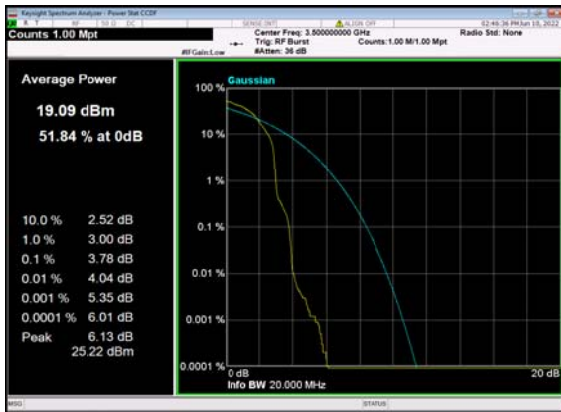
n77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_630668_CH



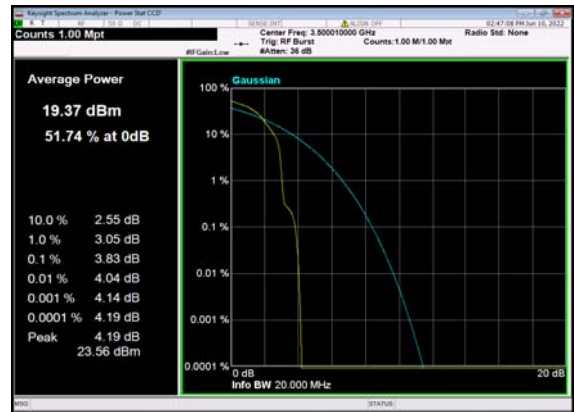
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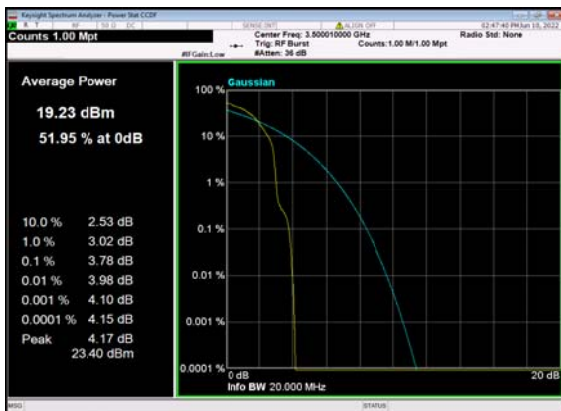
n77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_633334_CH



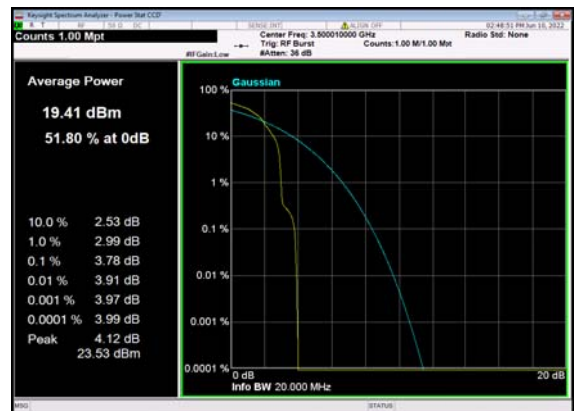
n77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_633334_CH



n77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Right_633334_CH

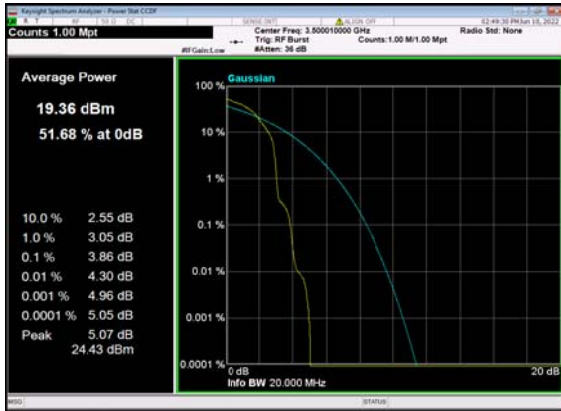


n77(20M)_DFT-s-OFDM_QPSK_Outer_Full_633334_CH

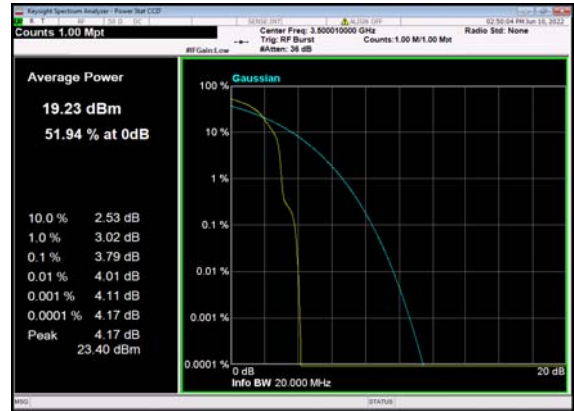




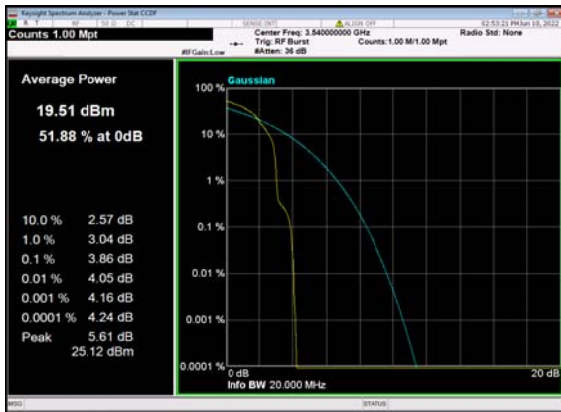
n77(20M)_DFT-s-OFDM_QPSK_
Edge_1RB_Left_633334_CH



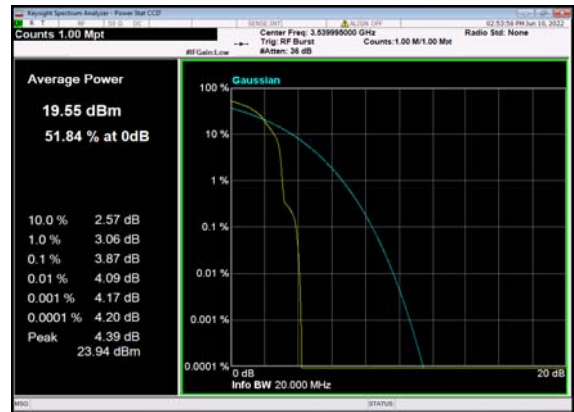
n77(20M)_DFT-s-OFDM_QPSK_
Edge_1RB_Right_633334_CH



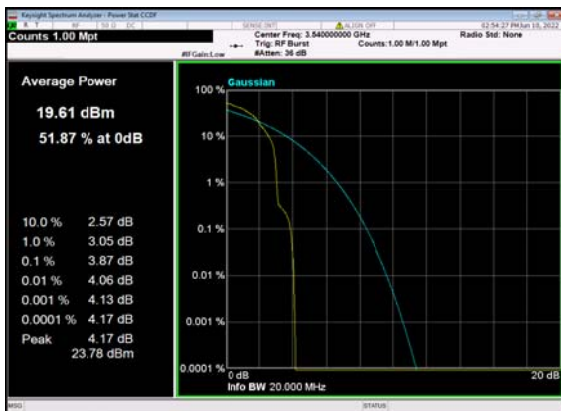
n77(20M)_DFT-s-OFDM_PI_2-BPSK_
Outer_Full_636000_CH



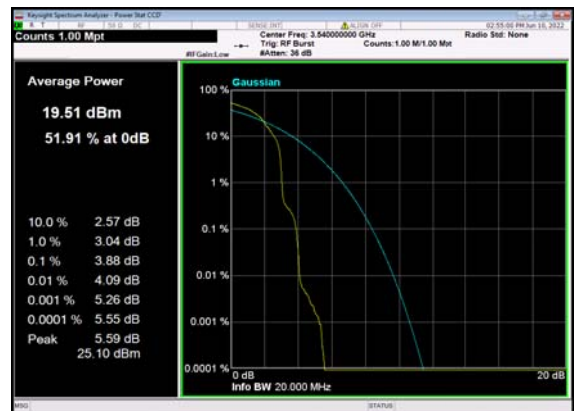
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Edge_1RB_Left_636000_CH



n77(20M)_DFT-s-OFDM_PI_2-BPSK_
Edge_1RB_Right_636000_CH

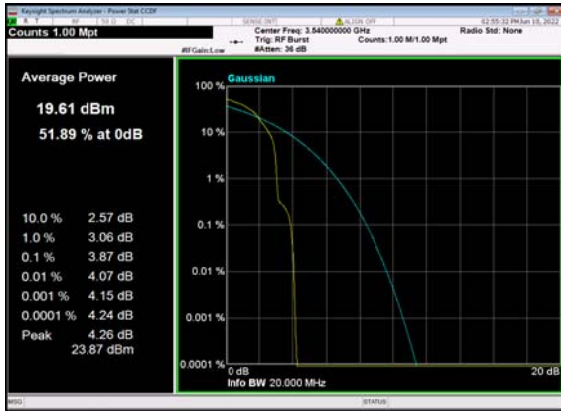


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Outer_Full_636000_CH

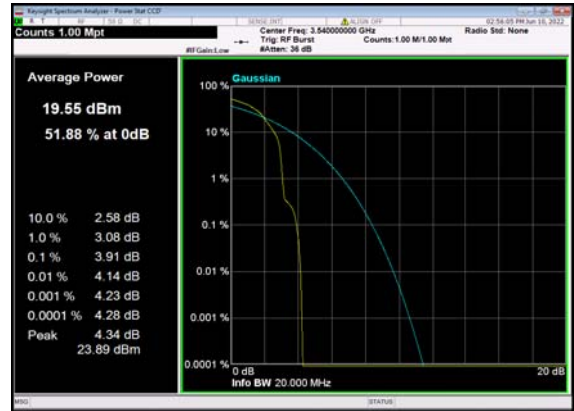




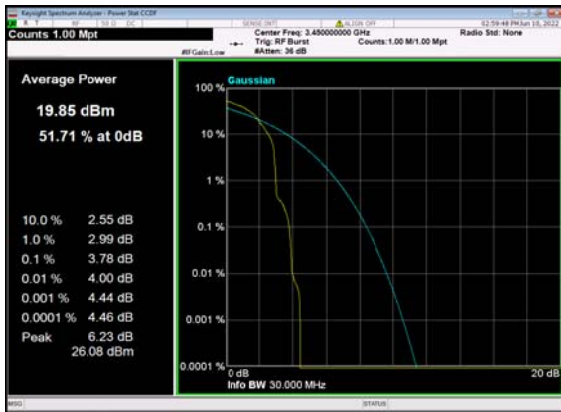
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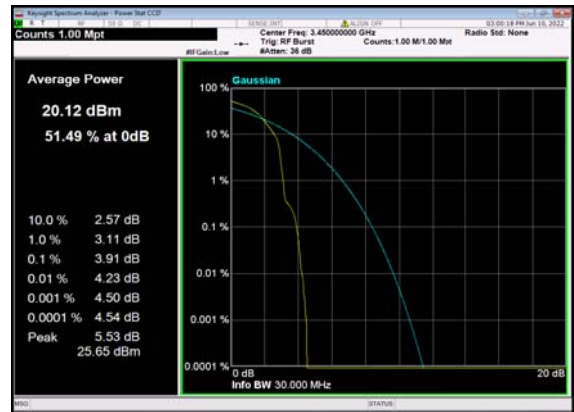
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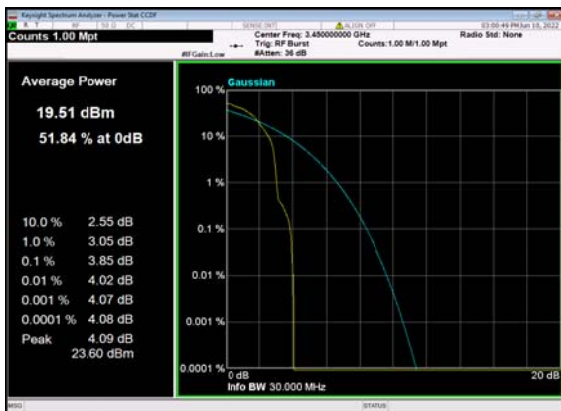
n77(30M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_631000_CH



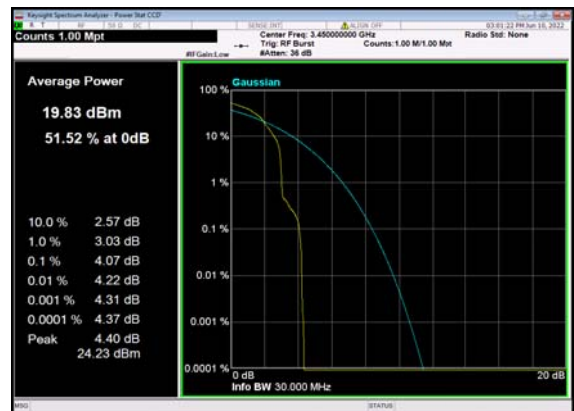
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n77(30M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Right_631000_CH



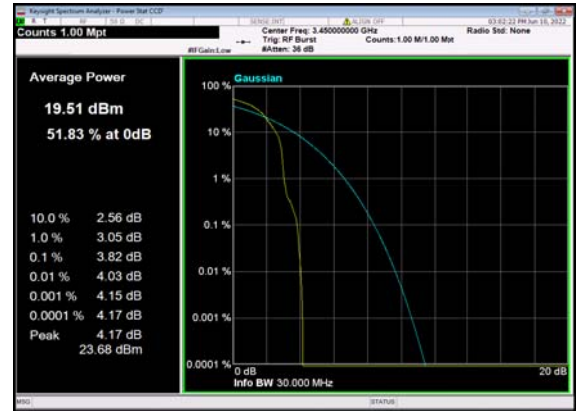
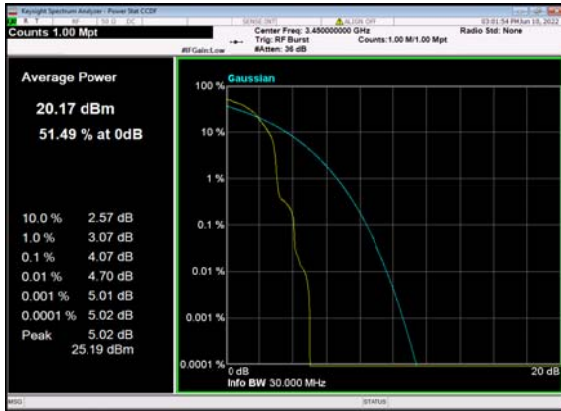
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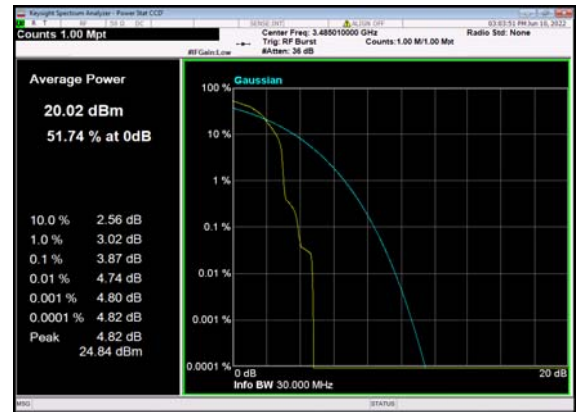
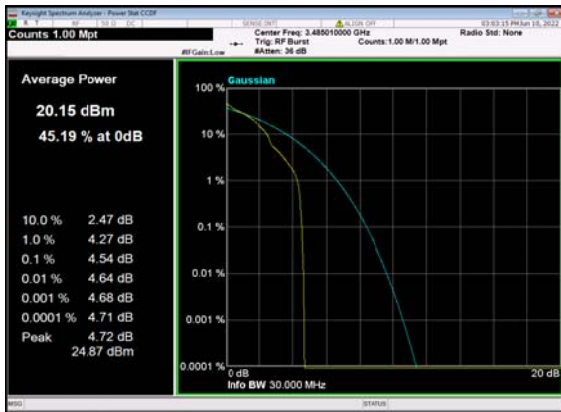
n77(30M)_DFT-s-OFDM_QPSK_
Edge_1RB_Left_631000_CH

n77(30M)_DFT-s-OFDM_QPSK_
Edge_1RB_Right_631000_CH



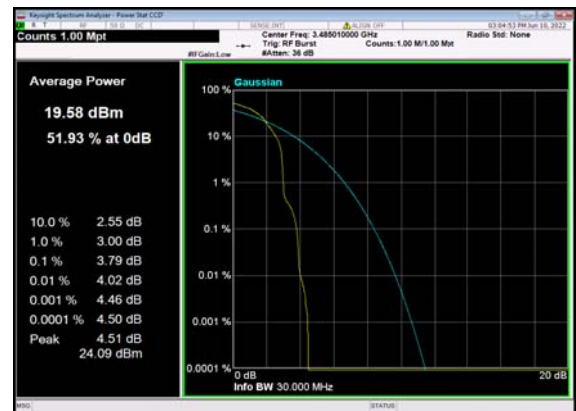
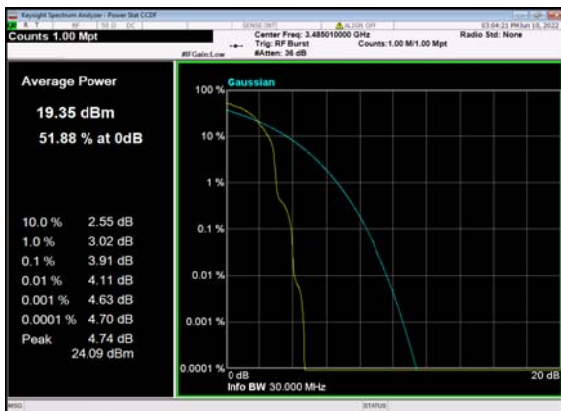
n77(30M)_DFT-s-OFDM_PI_2-BPSK_
Outer_Full_633334_CH

n77(30M)_DFT-s-OFDM_PI_2-BPSK_
Edge_1RB_Left_633334_CH



n77(30M)_DFT-s-OFDM_PI_2-BPSK_
Edge_1RB_Right_633334_CH

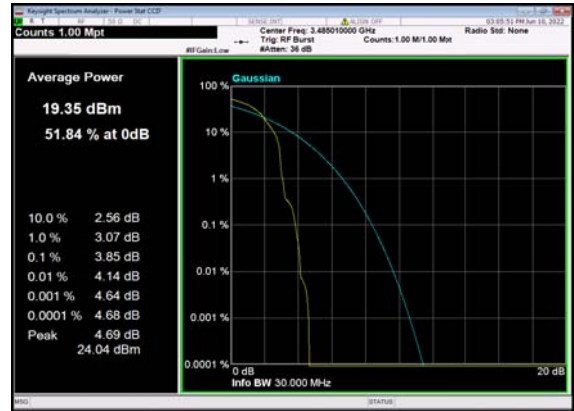
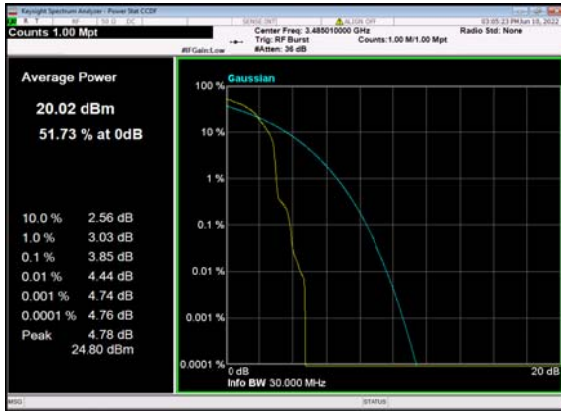
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Outer_Full_633334_CH





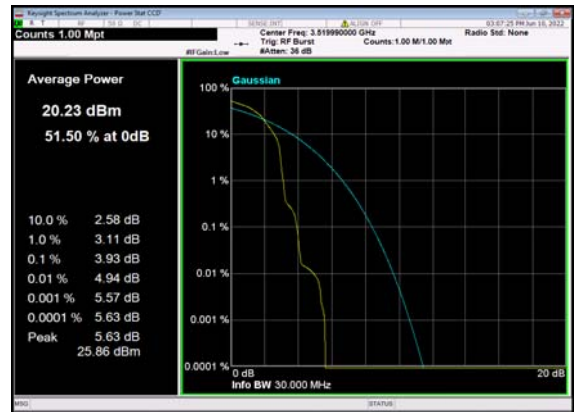
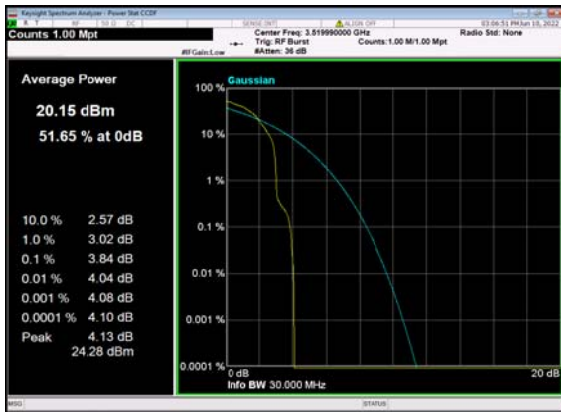
n77(30M)_DFT-s-OFDM_QPSK_
Edge_1RB_Left_633334_CH

n77(30M)_DFT-s-OFDM_QPSK_
Edge_1RB_Right_633334_CH



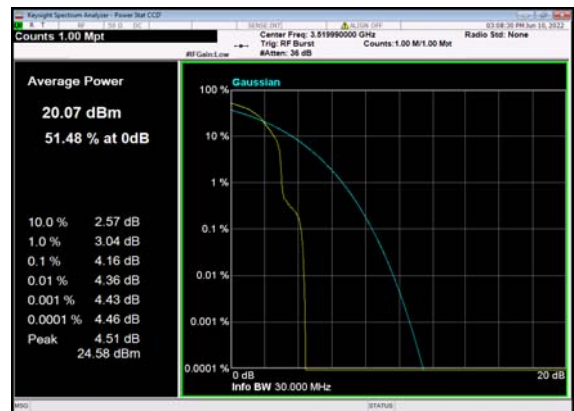
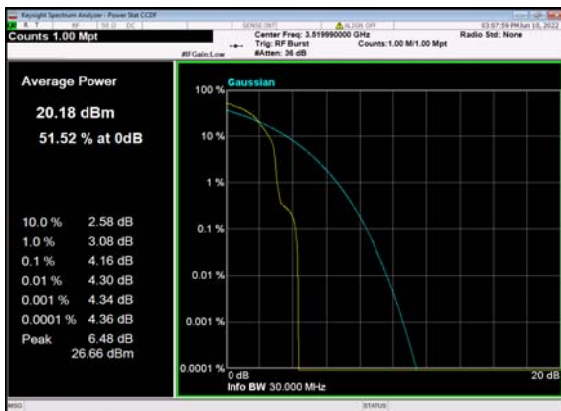
n77(30M)_DFT-s-OFDM_PI_2-BPSK_
Outer_Full_635666_CH

n77(30M)_DFT-s-OFDM_PI_2-BPSK_
Edge_1RB_Left_635666_CH



n77(30M)_DFT-s-OFDM_PI_2-BPSK_
Edge_1RB_Right_635666_CH

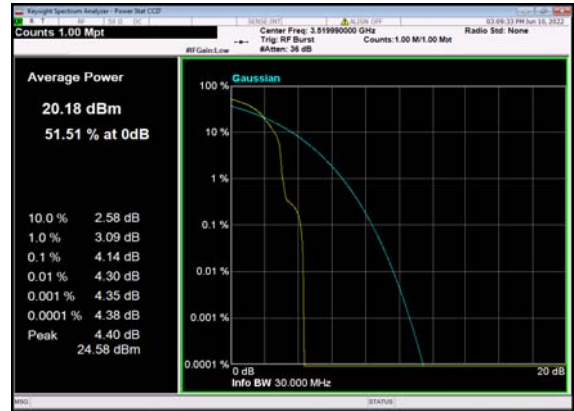
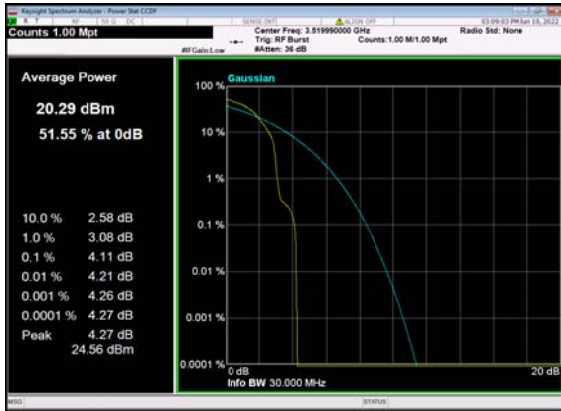
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Outer_Full_635666_CH





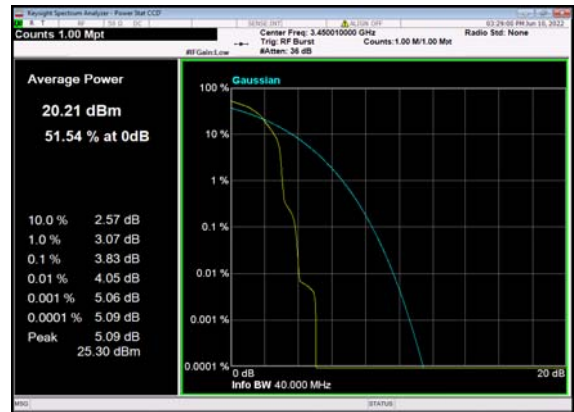
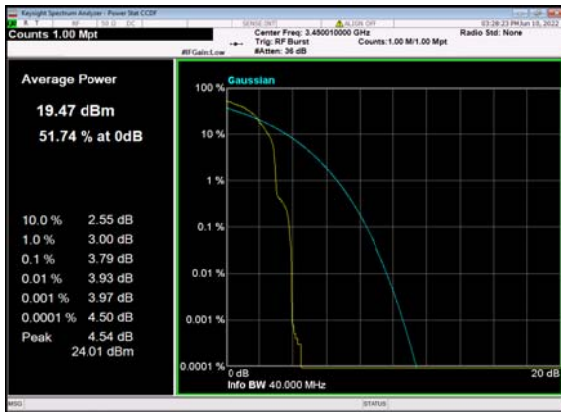
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Edge_1RB_Left_635666_CH

n77(30M)_DFT-s-OFDM_QPSK_
Edge_1RB_Right_635666_CH



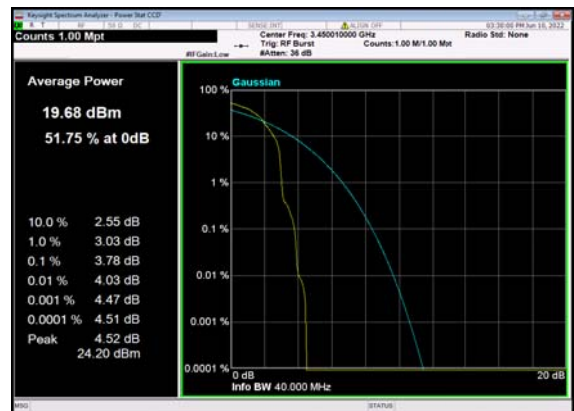
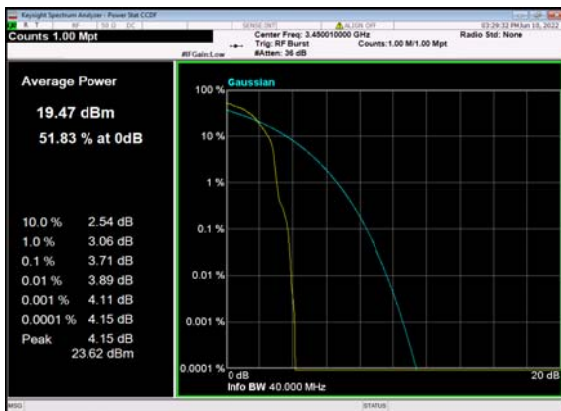
n77(40M)_DFT-s-OFDM_PI_2-BPSK_
Outer_Full_631334_CH

n77(40M)_DFT-s-OFDM_PI_2-BPSK_
Edge_1RB_Left_631334_CH



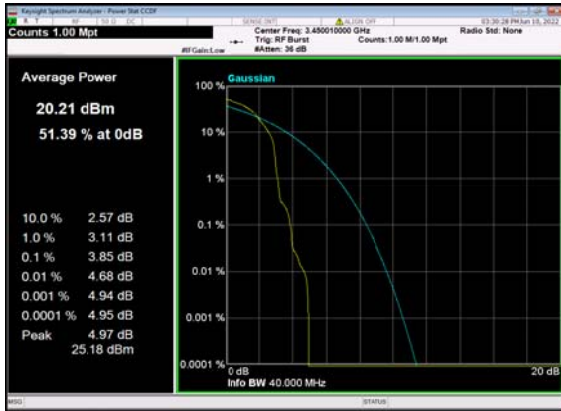
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Edge_1RB_Right_631334_CH

n77(40M)_DFT-s-OFDM_QPSK_
Outer_Full_631334_CH

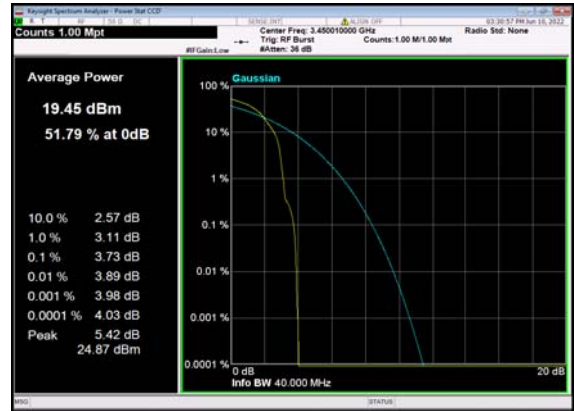




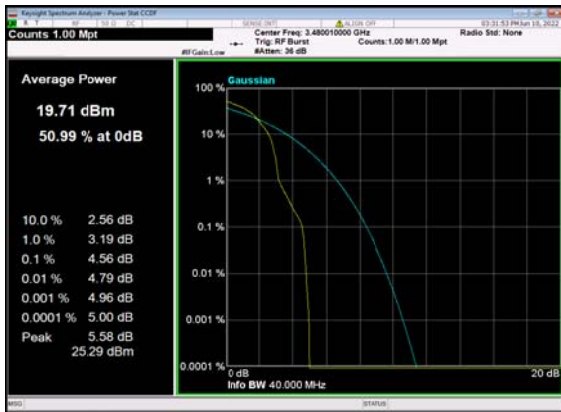
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Edge_1RB_Left_631334_CH



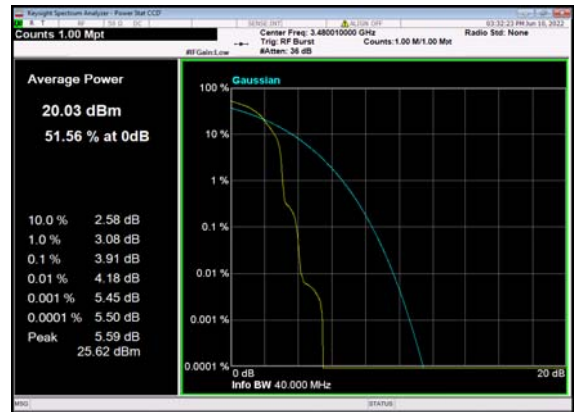
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Edge_1RB_Right_631334_CH



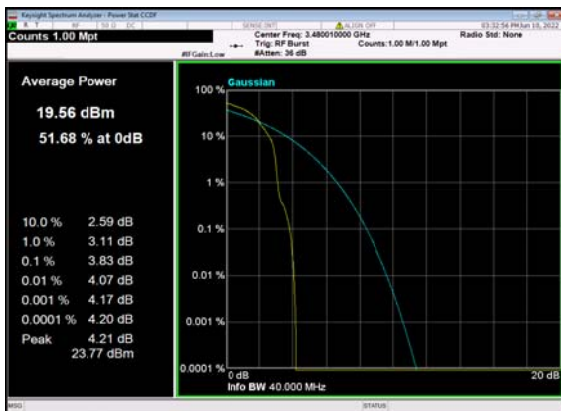
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Outer_Full_633334_CH



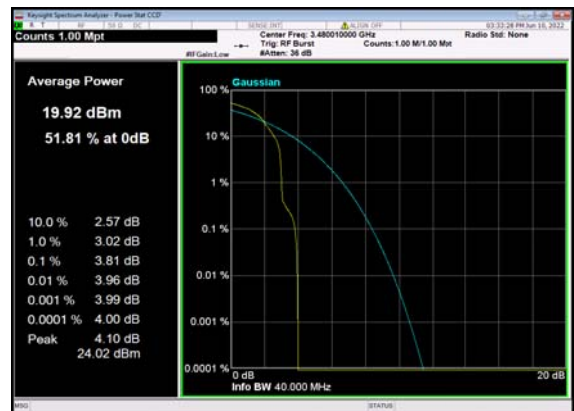
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Edge_1RB_Left_633334_CH



n77(40M)_DFT-s-OFDM_PI_2-BPSK_
Edge_1RB_Right_633334_CH



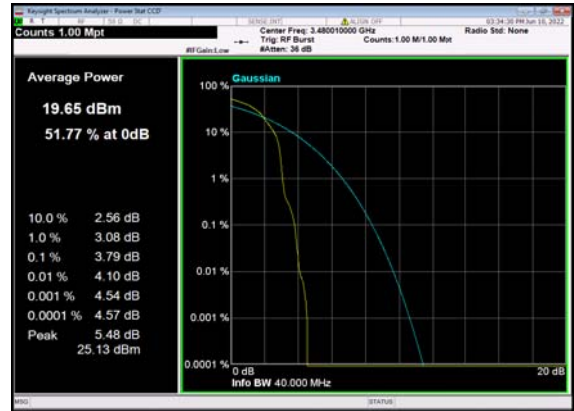
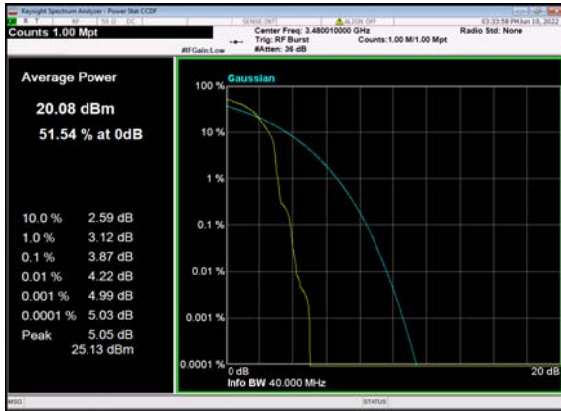
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Outer_Full_633334_CH





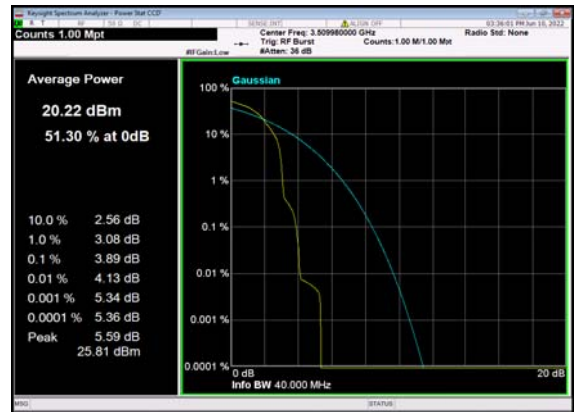
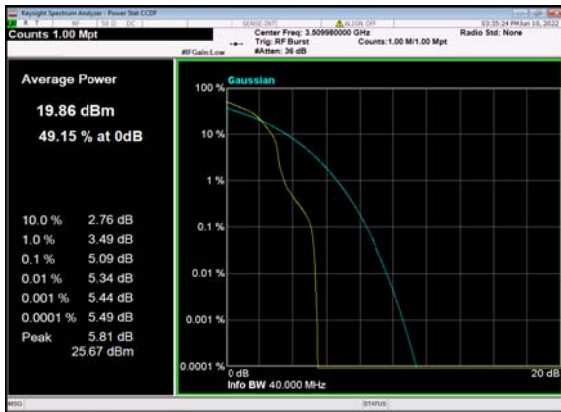
n77(40M)_DFT-s-OFDM_QPSK_
Edge_1RB_Left_633334_CH

n77(40M)_DFT-s-OFDM_QPSK_
Edge_1RB_Right_633334_CH



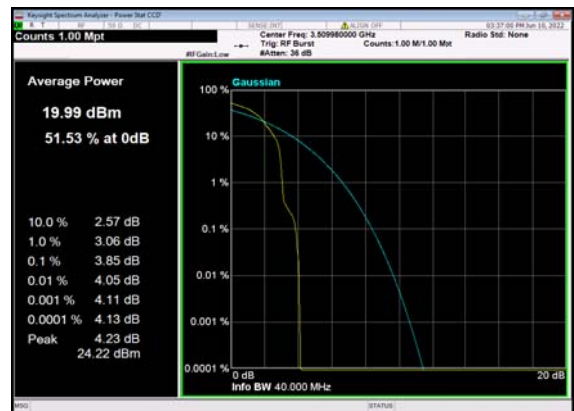
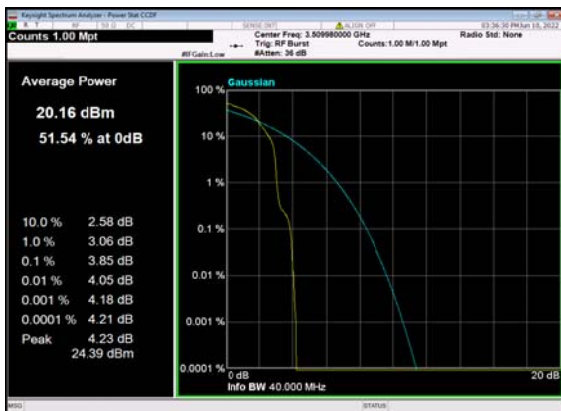
n77(40M)_DFT-s-OFDM_PI_2-BPSK_
Outer_Full_635332_CH

n77(40M)_DFT-s-OFDM_PI_2-BPSK_
Edge_1RB_Left_635332_CH



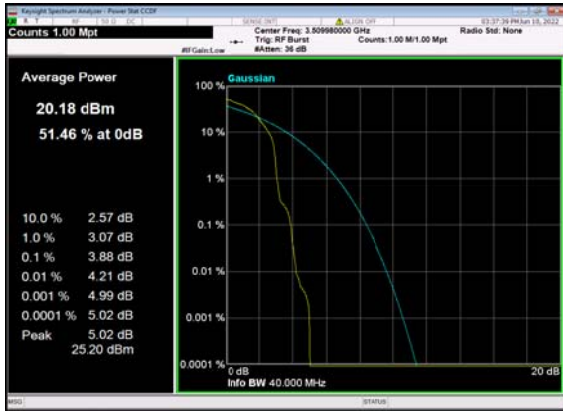
n77(40M)_DFT-s-OFDM_PI_2-BPSK_
Edge_1RB_Right_635332_CH

n77(40M)_DFT-s-OFDM_QPSK_
Outer_Full_635332_CH

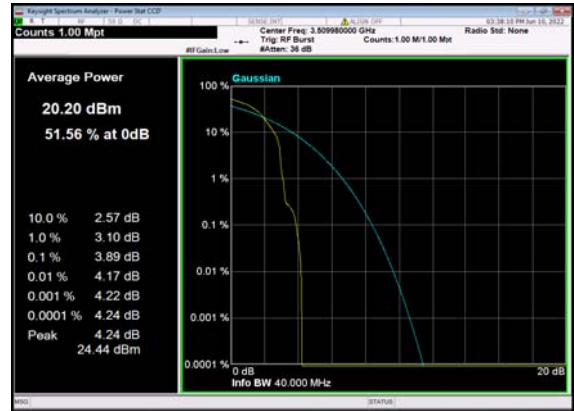




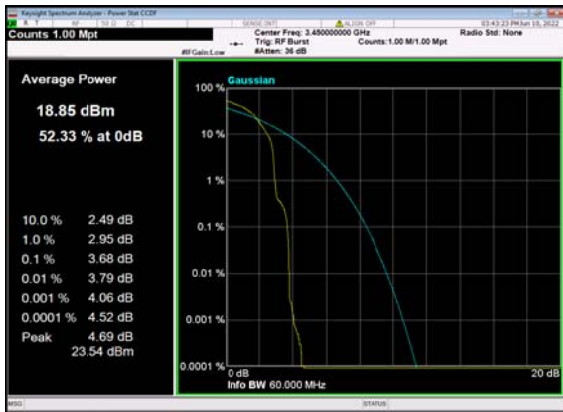
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Edge_1RB_Left_635332_CH



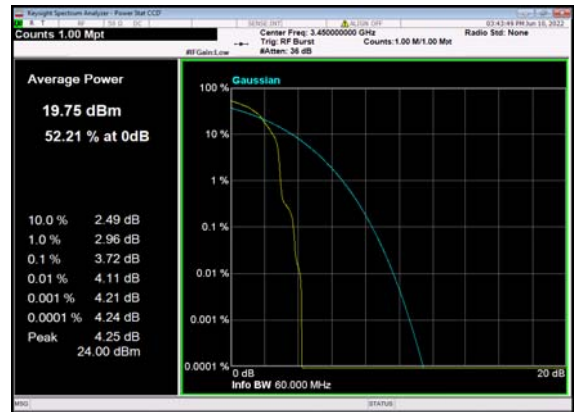
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Edge_1RB_Right_635332_CH



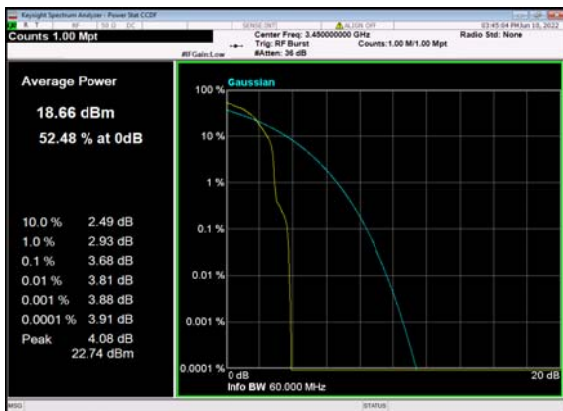
n77(60M)_DFT-s-OFDM_PI_2-BPSK_
Outer_Full_632000_CH



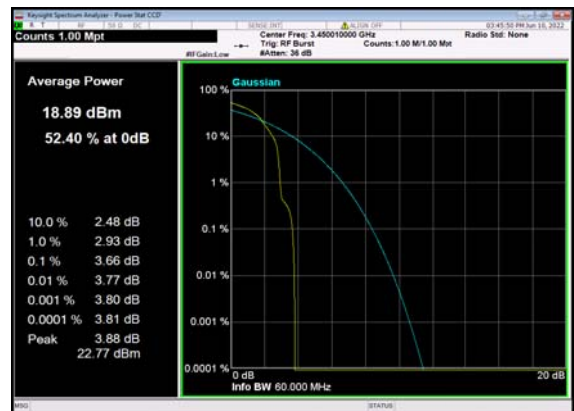
n77(60M)_DFT-s-OFDM_PI_2-BPSK_
Edge_1RB_Left_632000_CH



n77(60M)_DFT-s-OFDM_PI_2-BPSK_
Edge_1RB_Right_632000_CH



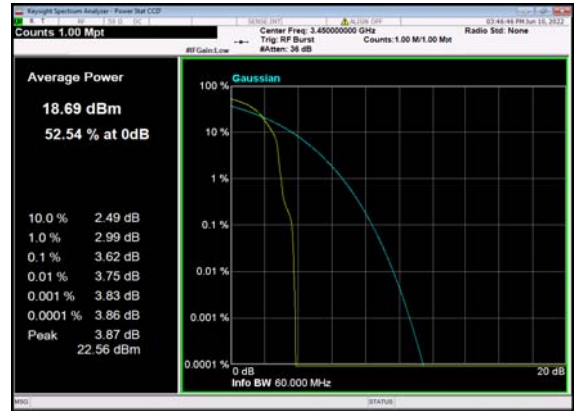
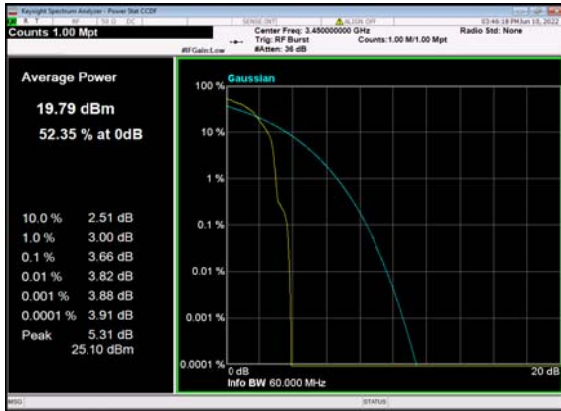
n77(60M)_DFT-s-OFDM_QPSK_
Outer_Full_632000_CH





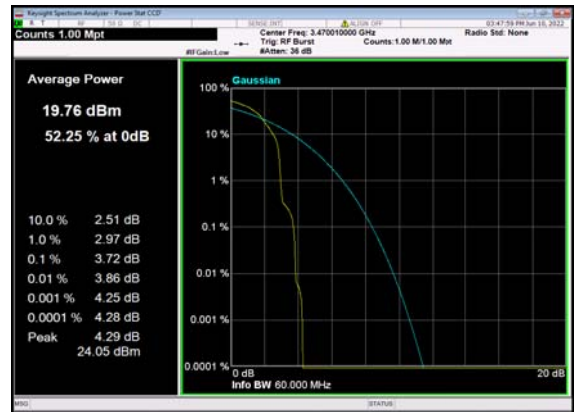
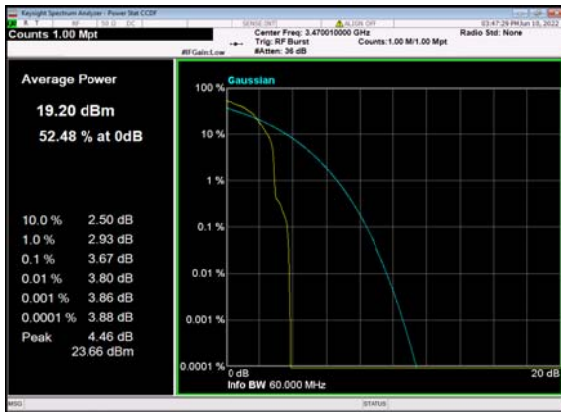
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n77(60M)_DFT-s-OFDM_QPSK_
Edge_1RB_Right_632000_CH



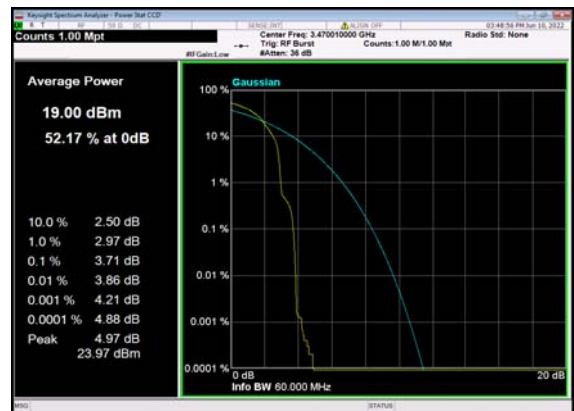
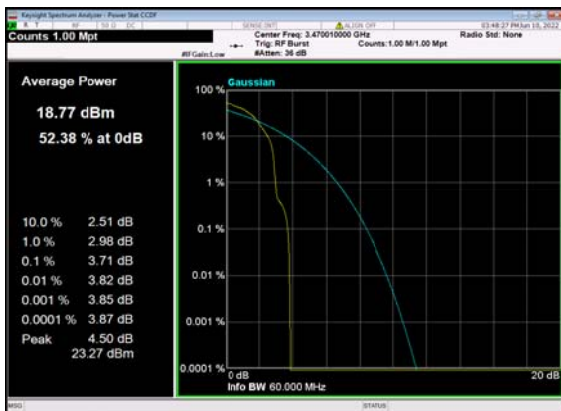
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Outer_Full_633334_CH

n77(60M)_DFT-s-OFDM_PI_2-BPSK_
Edge_1RB_Left_633334_CH



n77(60M)_DFT-s-OFDM_PI_2-BPSK_
Edge_1RB_Right_633334_CH

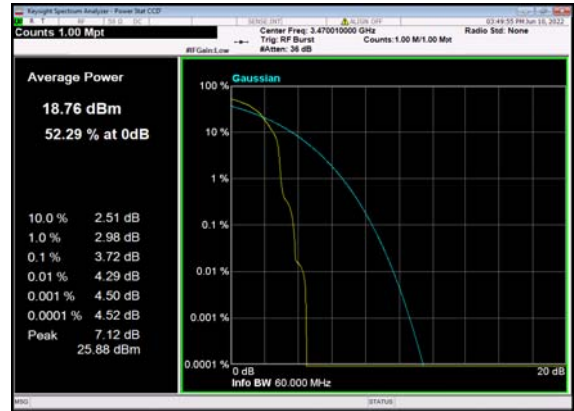
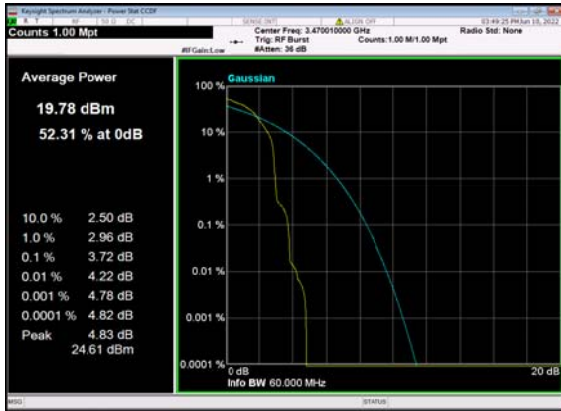
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Outer_Full_633334_CH





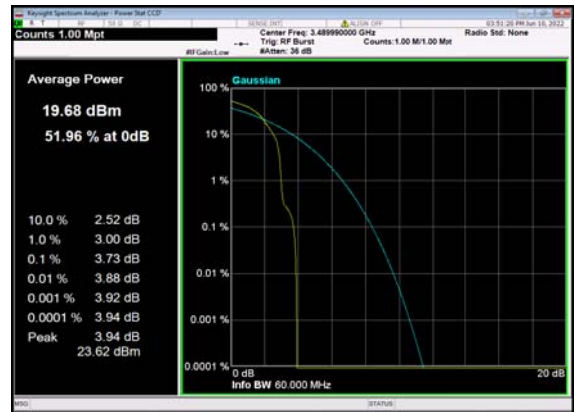
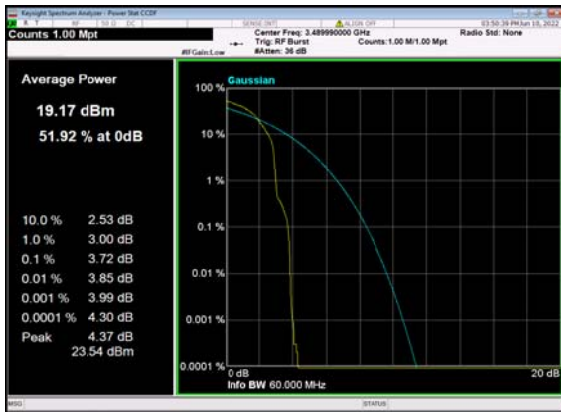
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Edge_1RB_Left_633334_CH

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Edge_1RB_Right_633334_CH



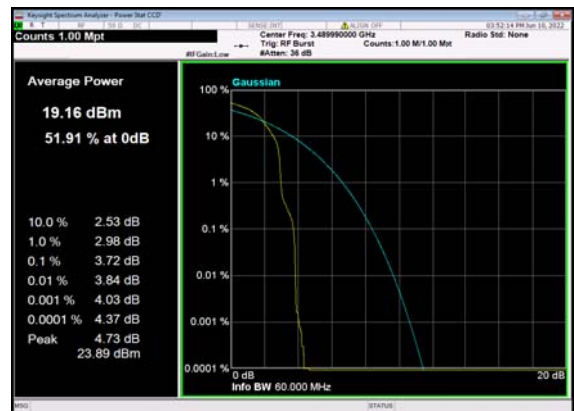
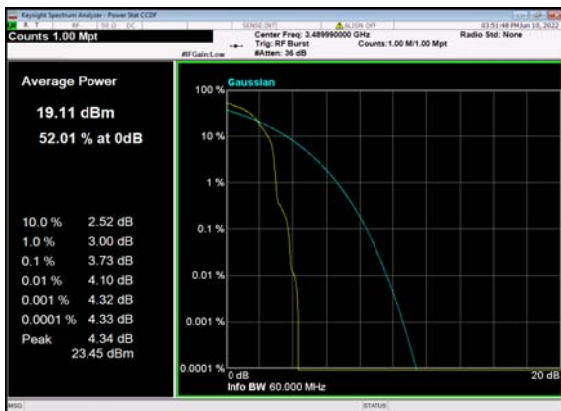
n77(60M)_DFT-s-OFDM_PI_2-BPSK_
Outer_Full_634666_CH

n77(60M)_DFT-s-OFDM_PI_2-BPSK_
Edge_1RB_Left_634666_CH



n77(60M)_DFT-s-OFDM_PI_2-BPSK_
Edge_1RB_Right_634666_CH

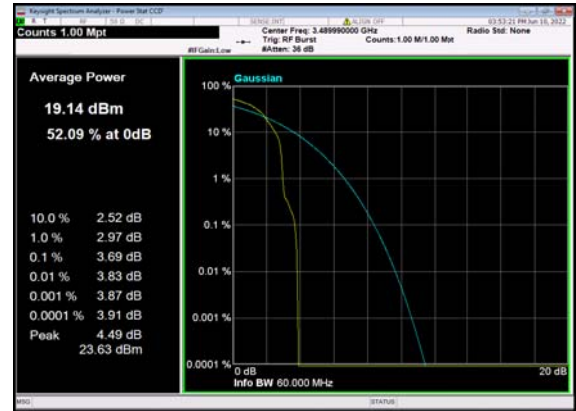
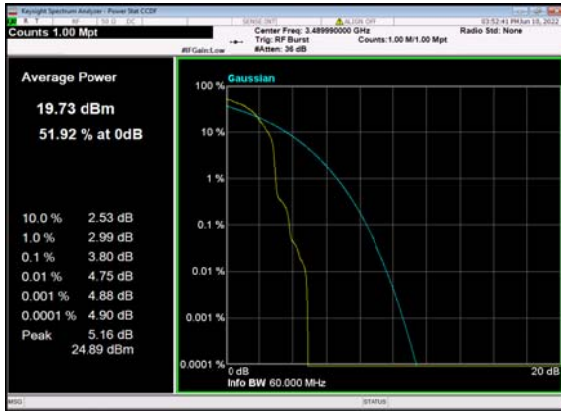
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Outer_Full_634666_CH





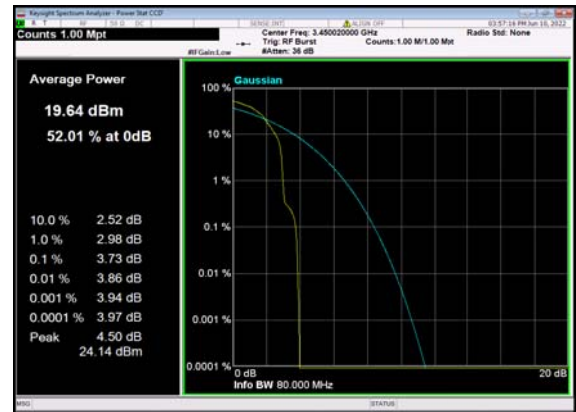
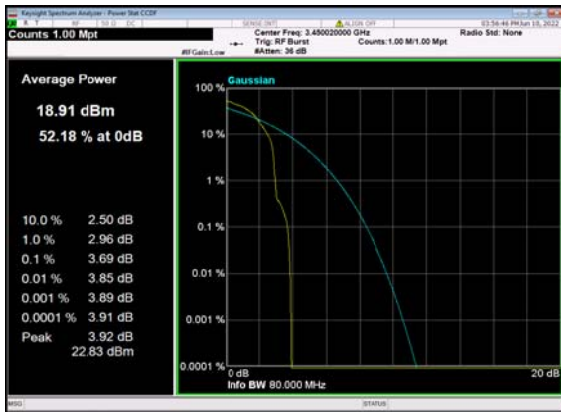
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Edge_1RB_Left_634666_CH

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Edge_1RB_Right_634666_CH



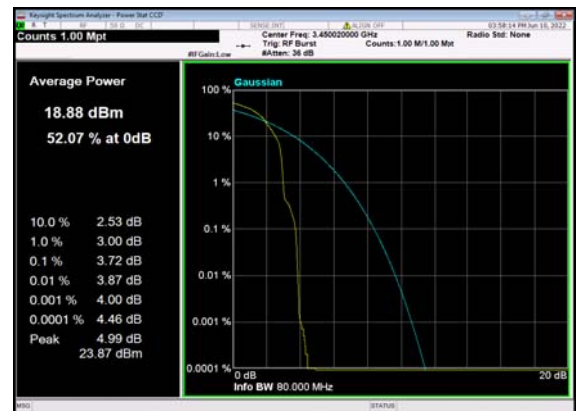
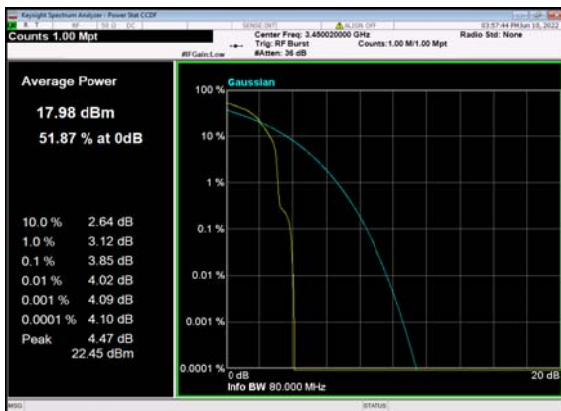
n77(80M)_DFT-s-OFDM_PI_2-BPSK_
Outer_Full_632668_CH

n77(80M)_DFT-s-OFDM_PI_2-BPSK_
Edge_1RB_Left_632668_CH



n77(80M)_DFT-s-OFDM_PI_2-BPSK_
Edge_1RB_Right_632668_CH

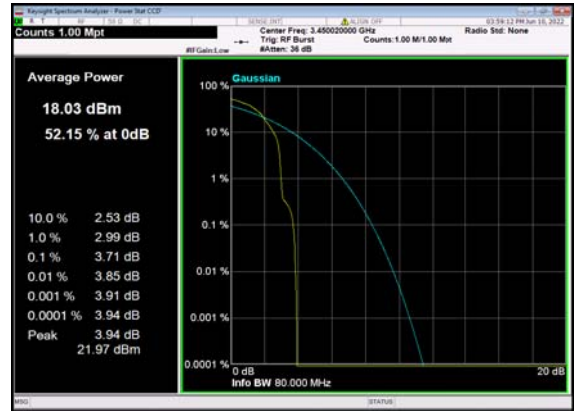
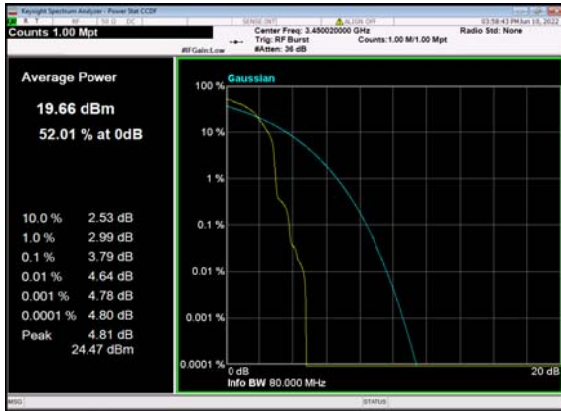
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Outer_Full_632668_CH





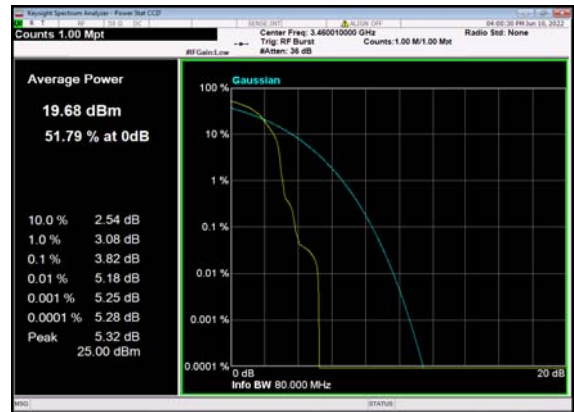
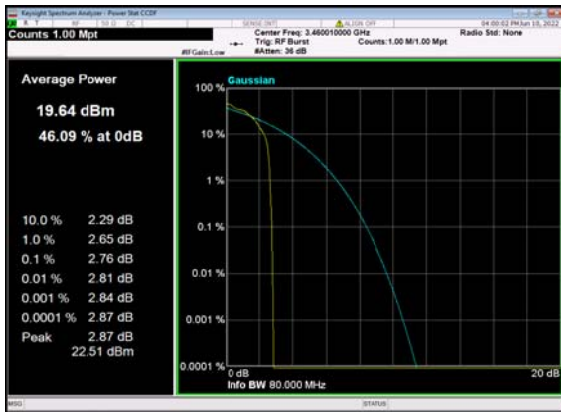
n77(80M)_DFT-s-OFDM_QPSK_
Edge_1RB_Left_632668_CH

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Edge_1RB_Right_632668_CH



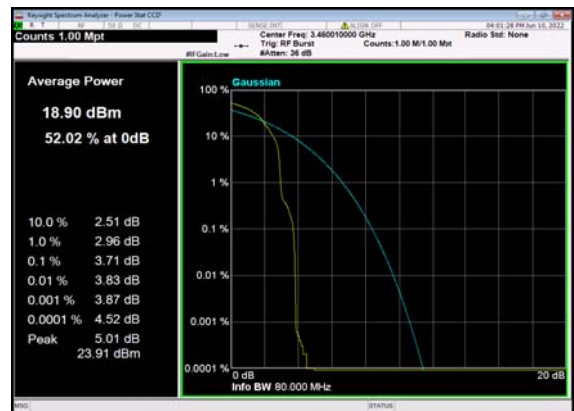
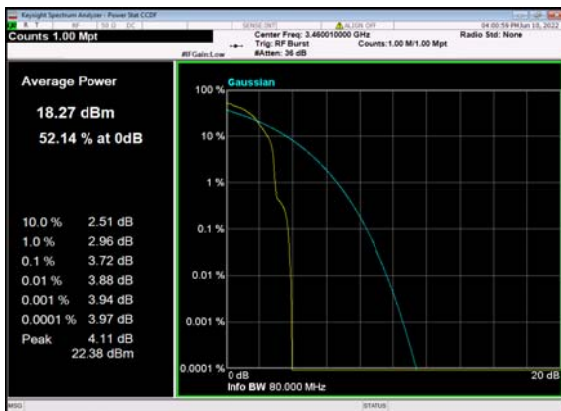
n77(80M)_DFT-s-OFDM_PI_2-BPSK_
Outer_Full_633334_CH

n77(80M)_DFT-s-OFDM_PI_2-BPSK_
Edge_1RB_Left_633334_CH



n77(80M)_DFT-s-OFDM_PI_2-BPSK_
Edge_1RB_Right_633334_CH

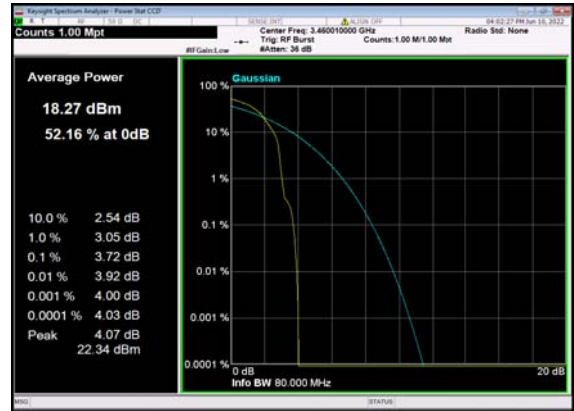
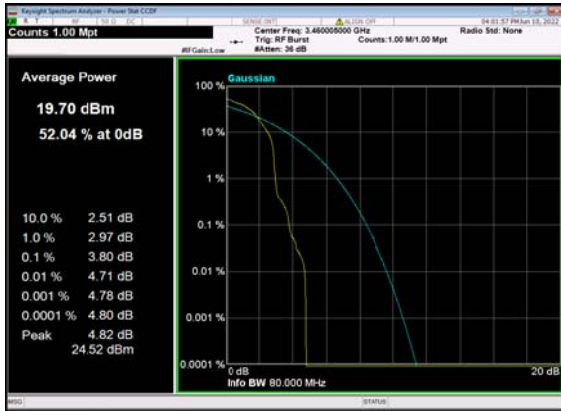
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Outer_Full_633334_CH





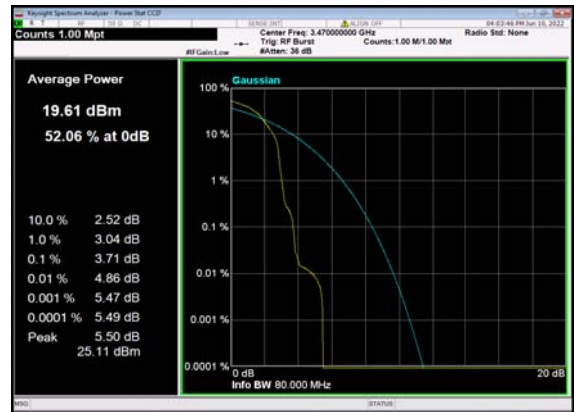
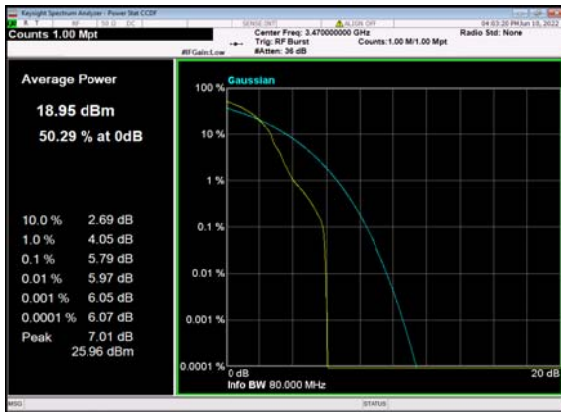
n77(80M)_DFT-s-OFDM_QPSK_
Edge_1RB_Left_633334_CH

n77(80M)_DFT-s-OFDM_QPSK_
Edge_1RB_Right_633334_CH



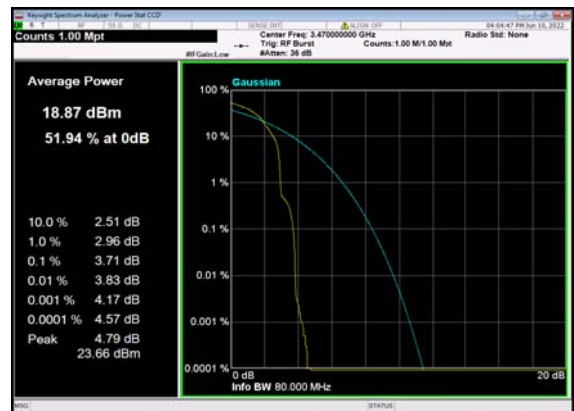
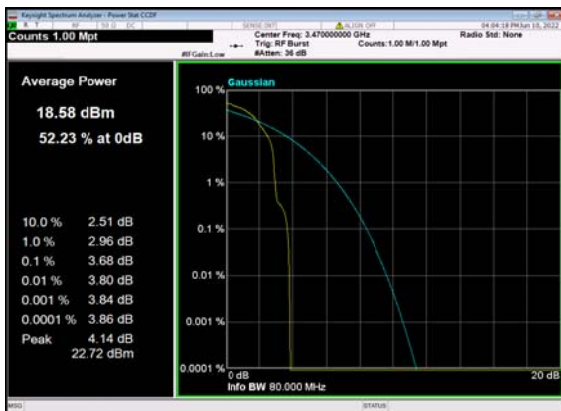
n77(80M)_DFT-s-OFDM_PI_2-BPSK_
Outer_Full_634000_CH

n77(80M)_DFT-s-OFDM_PI_2-BPSK_
Edge_1RB_Left_634000_CH



n77(80M)_DFT-s-OFDM_PI_2-BPSK_
Edge_1RB_Right_634000_CH

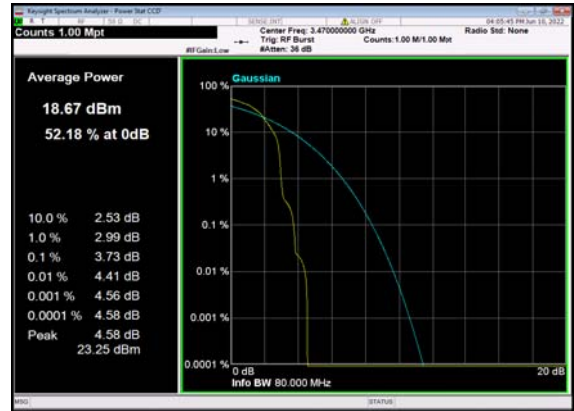
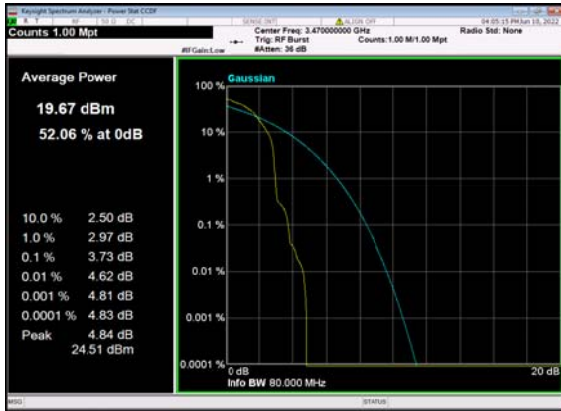
n77(80M)_DFT-s-OFDM_QPSK_
Outer_Full_634000_CH





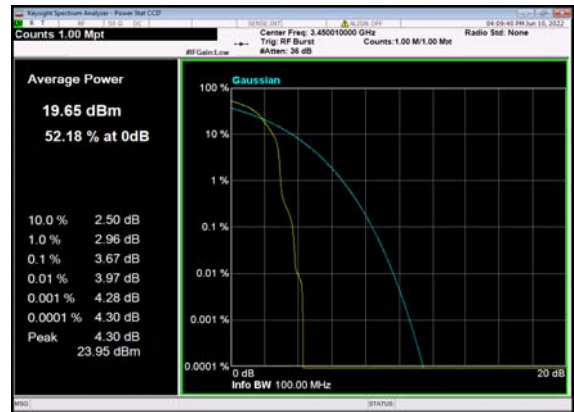
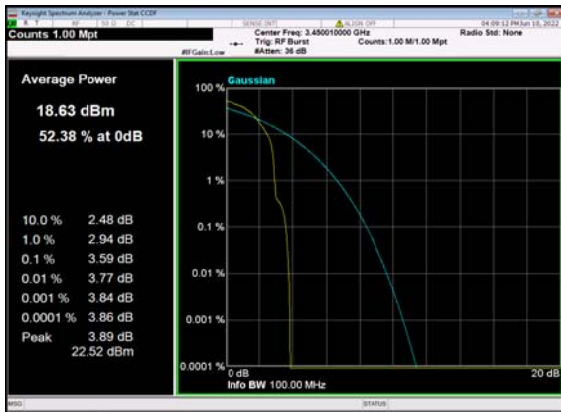
n77(80M)_DFT-s-OFDM_QPSK_
Edge_1RB_Left_634000_CH

n77(80M)_DFT-s-OFDM_QPSK_
Edge_1RB_Right_634000_CH



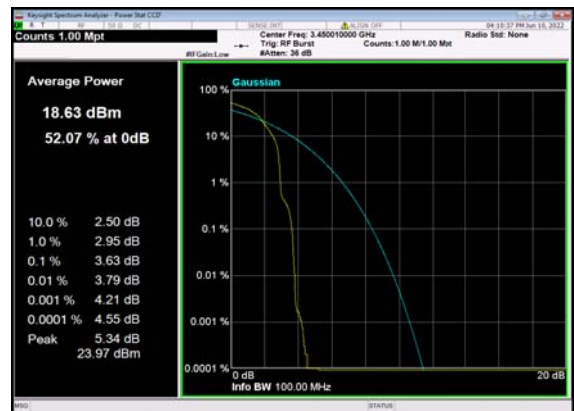
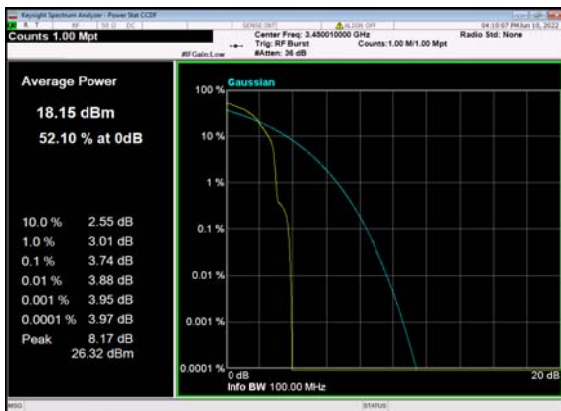
n77(100M)_DFT-s-OFDM_PI_2-BPSK_
Outer_Full_633334_CH

n77(100M)_DFT-s-OFDM_PI_2-BPSK_
Edge_1RB_Left_633334_CH



n77(100M)_DFT-s-OFDM_PI_2-BPSK_
Edge_1RB_Right_633334_CH

n77(100M)_DFT-s-OFDM_QPSK_
Outer_Full_633334_CH

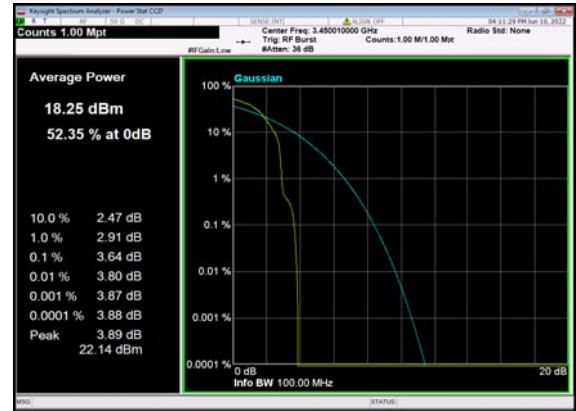
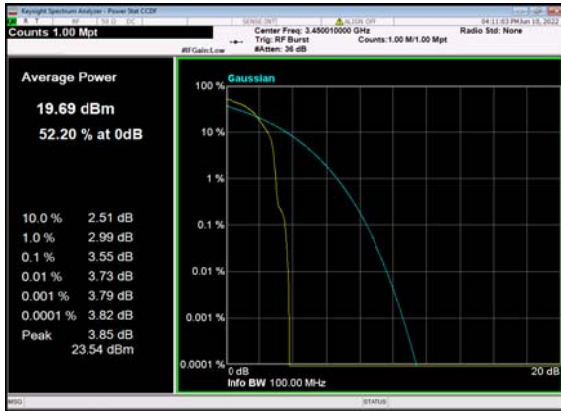




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n77(100M)_DFT-s-OFDM_QPSK_
Edge_1RB_Left_633334_CH

n77(100M)_DFT-s-OFDM_QPSK_
Edge_1RB_Right_633334_CH



2.5. Conducted Spurious Emissions

2.5.1. Requirement

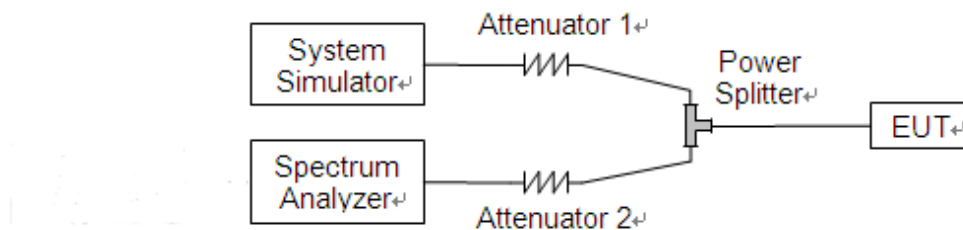
According to FCC section 2.1051, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43+10*\log(P)$ dB. This calculated to be -13dBm.

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

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

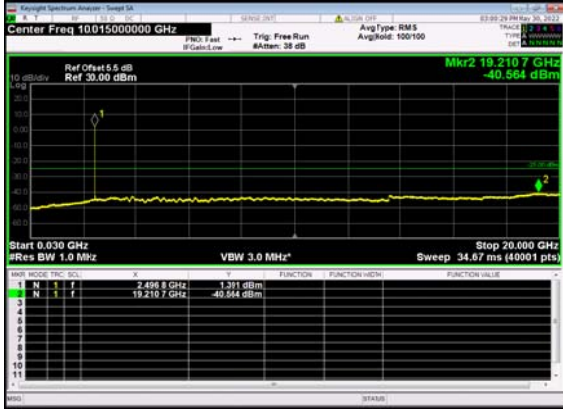
2.5.4. Test Result

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

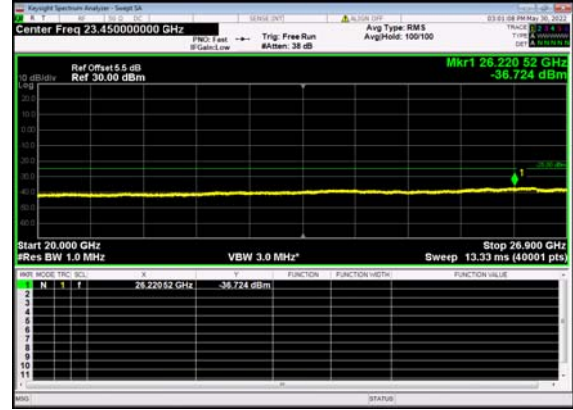


n41:

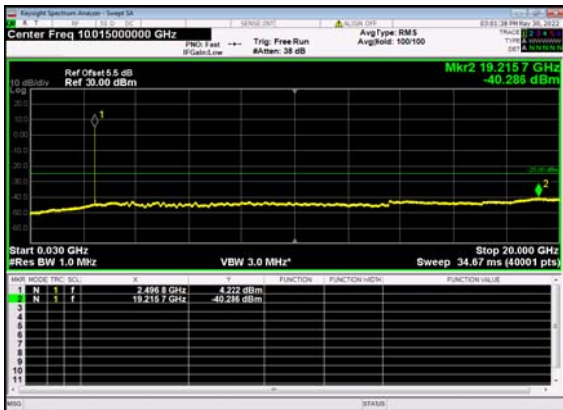
n41(20M)_DFT-s-OFDM_BPSK_
Edge_1RB_Left_Low_CH



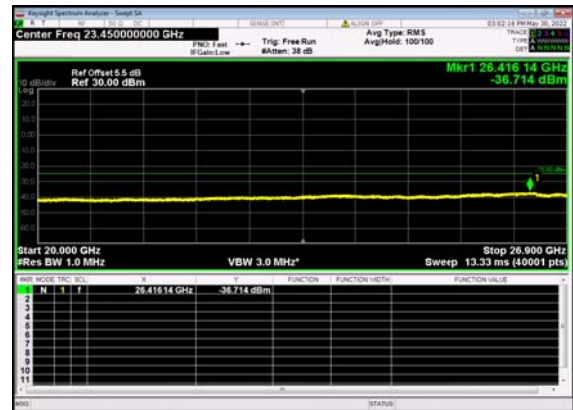
n41(20M)_DFT-s-OFDM_BPSK_
Edge_1RB_Left_Low_CH



n41(20M)_DFT-s-OFDM_QPSK_
Edge_1RB_Left_Low_CH

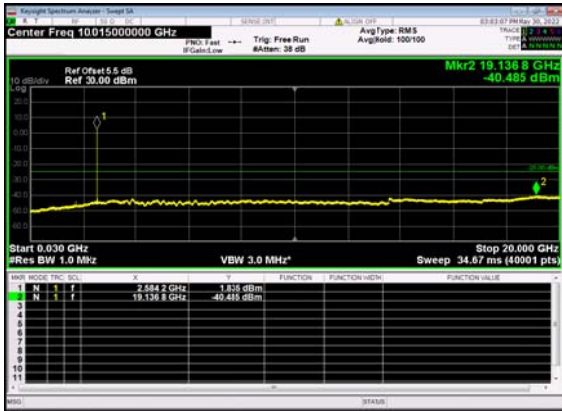


n41(20M)_DFT-s-OFDM_QPSK_
Edge_1RB_Left_Low_CH

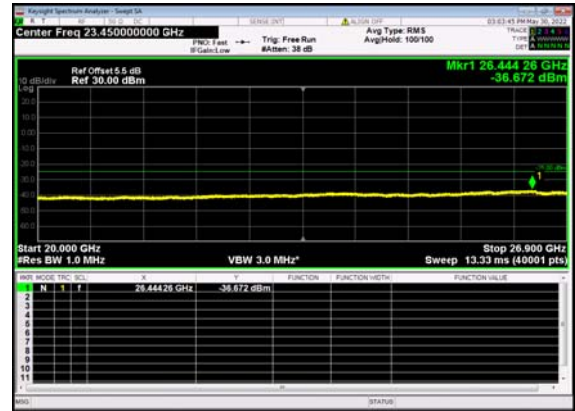




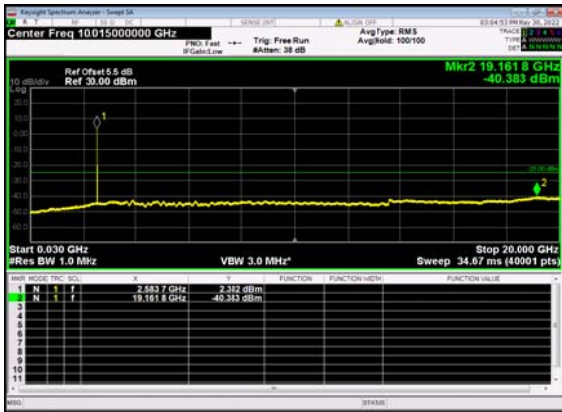
n41(20M)_DFT-s-OFDM_BPSK_
Edge_1RB_Left_Mid_CH



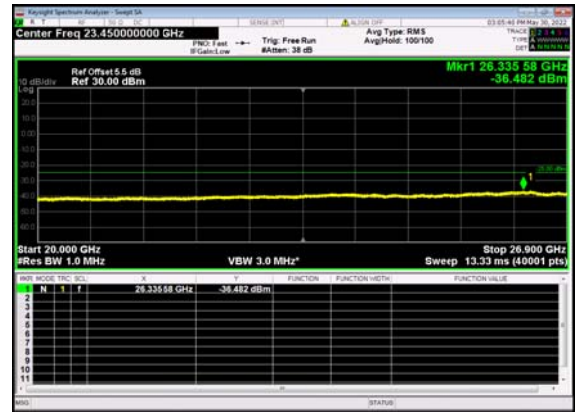
n41(20M)_DFT-s-OFDM_BPSK_
Edge_1RB_Left_Mid_CH



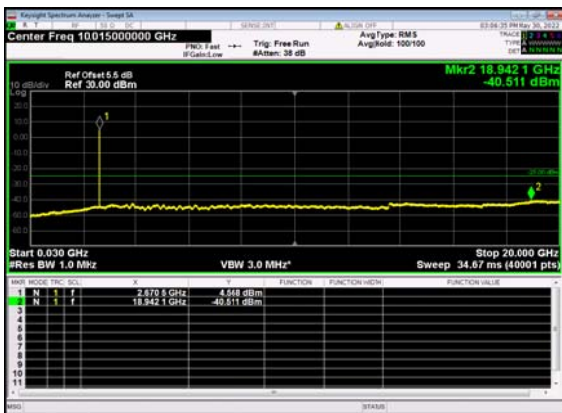
n41(20M)_DFT-s-OFDM_QPSK_
Edge_1RB_Left_Mid_CH



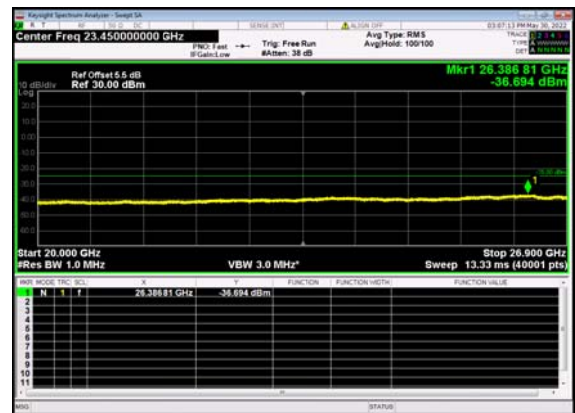
n41(20M)_DFT-s-OFDM_QPSK_
Edge_1RB_Left_Mid_CH



n41(20M)_DFT-s-OFDM_BPSK_
Edge_1RB_Left_High_CH

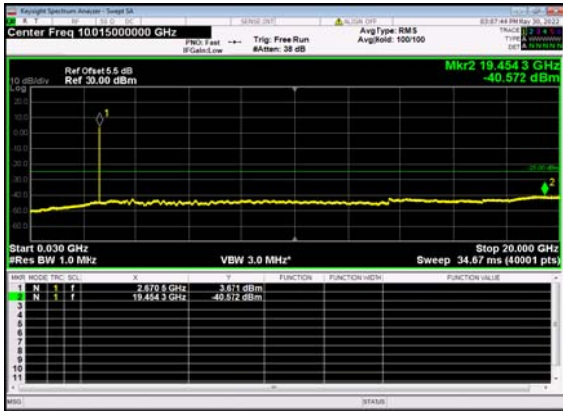


n41(20M)_DFT-s-OFDM_BPSK_
Edge_1RB_Left_High_CH

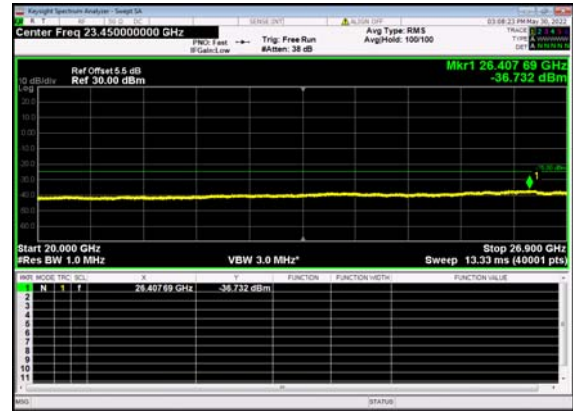




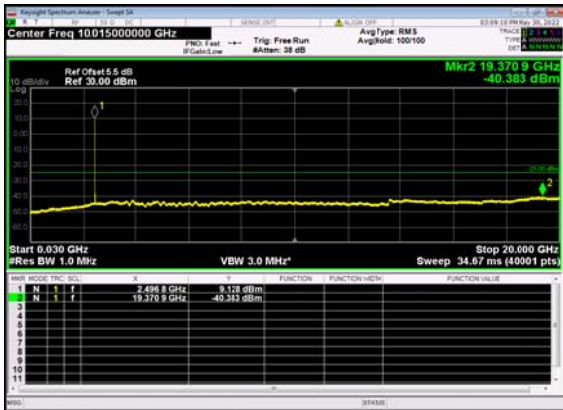
n41(20M)_DFT-s-OFDM_QPSK_
Edge_1RB_Left_High_CH



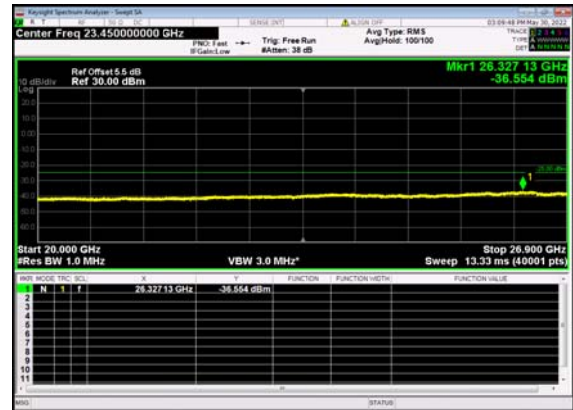
n41(20M)_DFT-s-OFDM_QPSK_
Edge_1RB_Left_High_CH



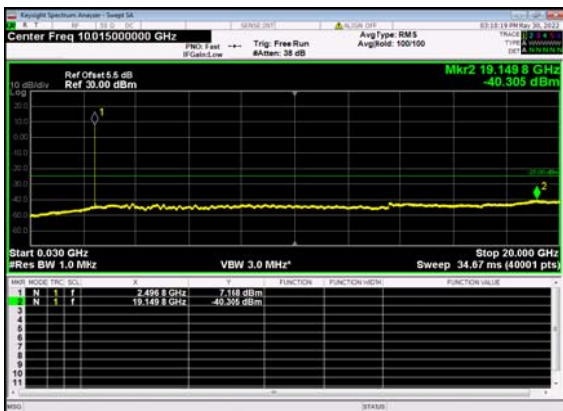
n41(30M)_DFT-s-OFDM_BPSK_
Edge_1RB_Left_Low_CH



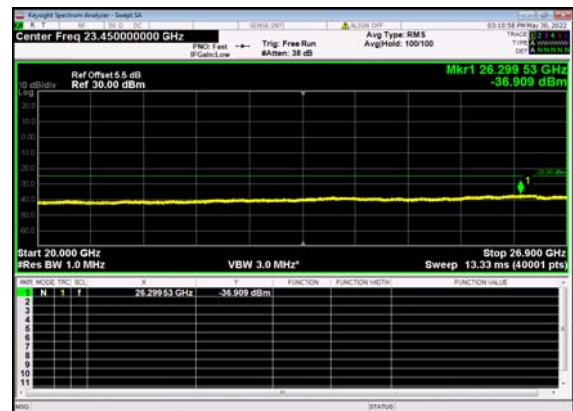
n41(30M)_DFT-s-OFDM_BPSK_
Edge_1RB_Left_Low_CH



n41(30M)_DFT-s-OFDM_QPSK_
Edge_1RB_Left_Low_CH

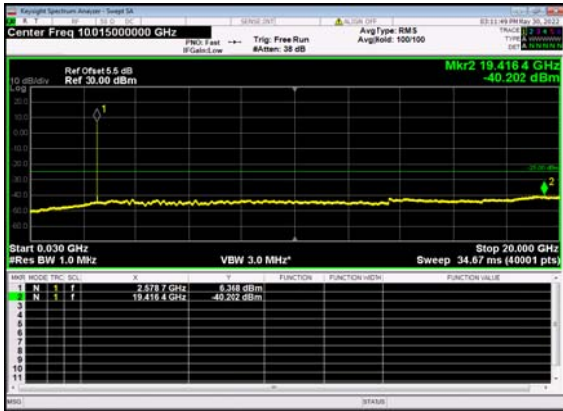


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Edge_1RB_Left_Low_CH

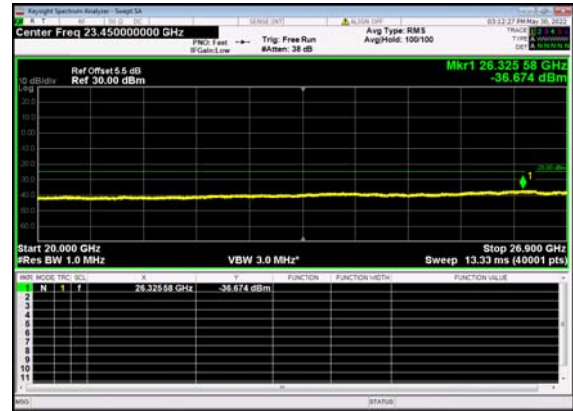




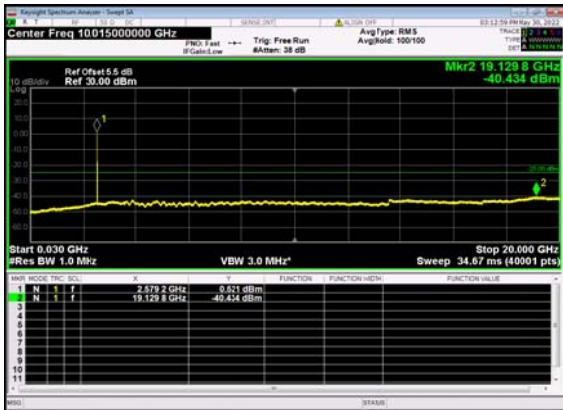
n41(30M)_DFT-s-OFDM_BPSK_
Edge_1RB_Left_Mid_CH



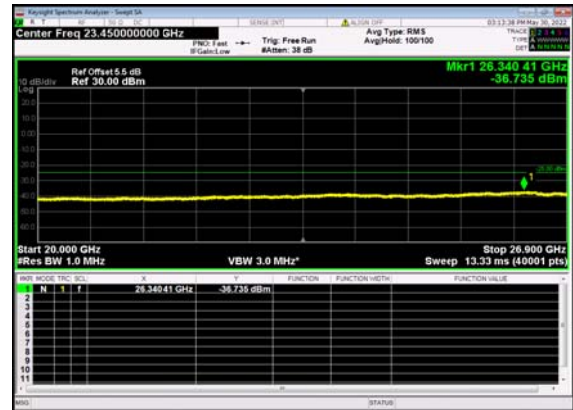
n41(30M)_DFT-s-OFDM_BPSK_
Edge_1RB_Left_Mid_CH



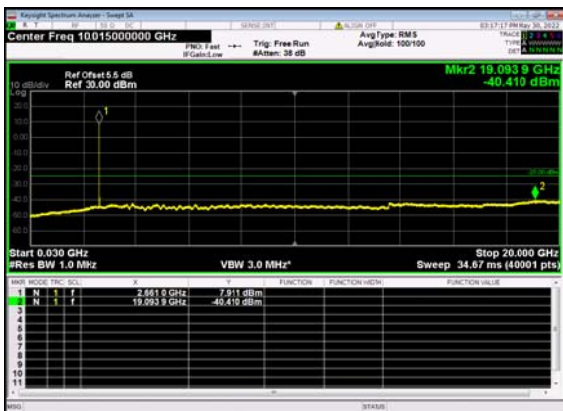
n41(30M)_DFT-s-OFDM_QPSK_
Edge_1RB_Left_Mid_CH



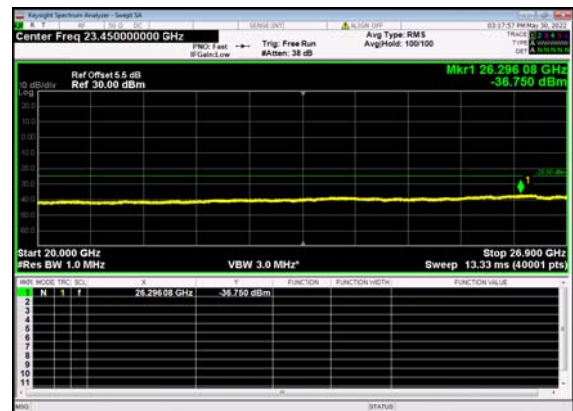
n41(30M)_DFT-s-OFDM_QPSK_
Edge_1RB_Left_Mid_CH



n41(30M)_DFT-s-OFDM_BPSK_
Edge_1RB_Left_High_CH

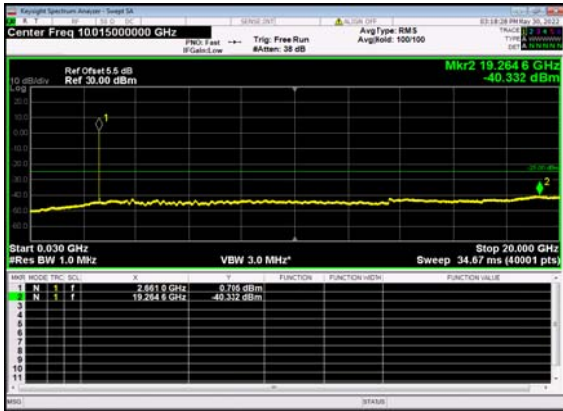


n41(30M)_DFT-s-OFDM_BPSK_
Edge_1RB_Left_High_CH

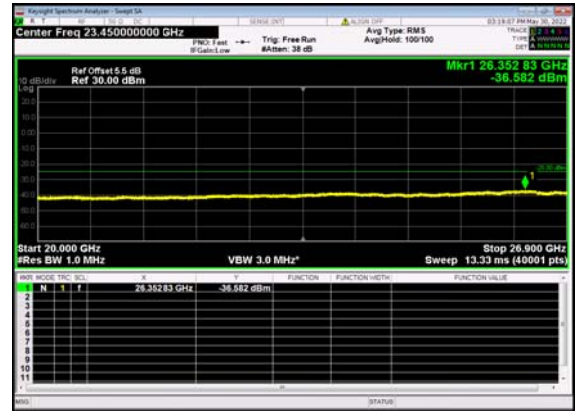




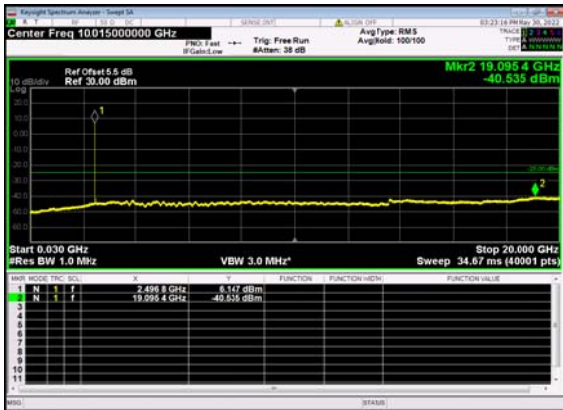
n41(30M)_DFT-s-OFDM_QPSK_
Edge_1RB_Left_High_CH



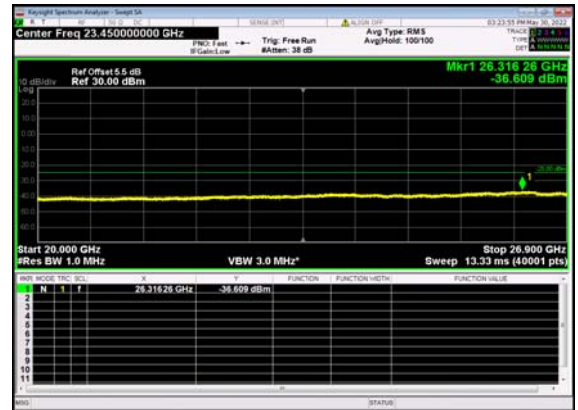
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Edge_1RB_Left_High_CH



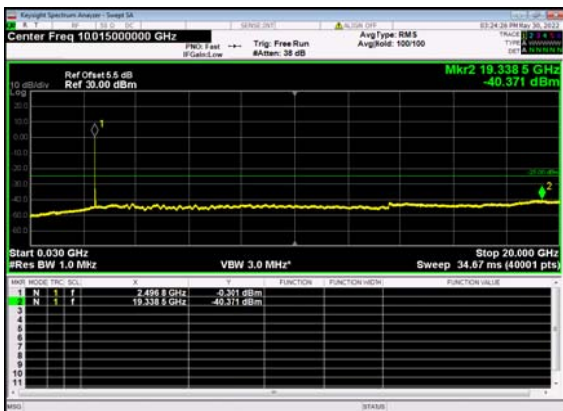
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Edge_1RB_Left_Low_CH



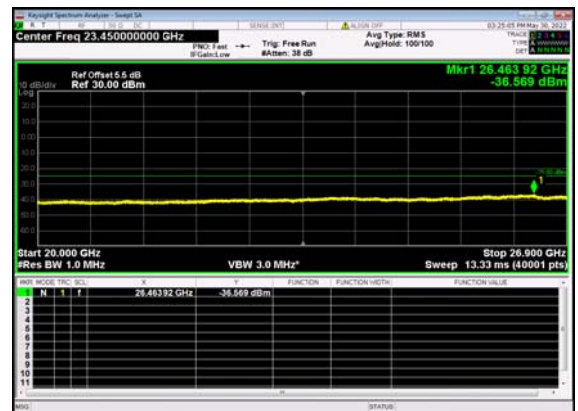
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Edge_1RB_Left_Low_CH



n41(40M)_DFT-s-OFDM_QPSK_
Edge_1RB_Left_Low_CH

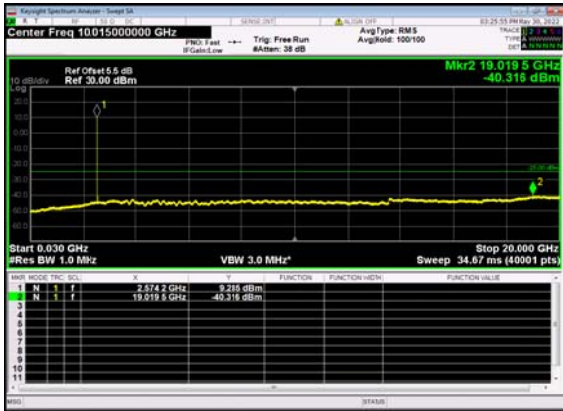


n41(40M)_DFT-s-OFDM_QPSK_
Edge_1RB_Left_Low_CH

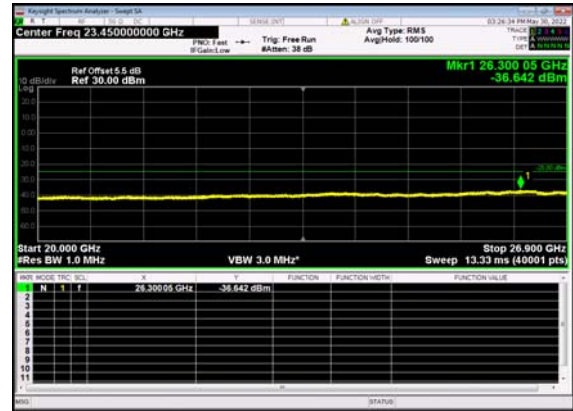




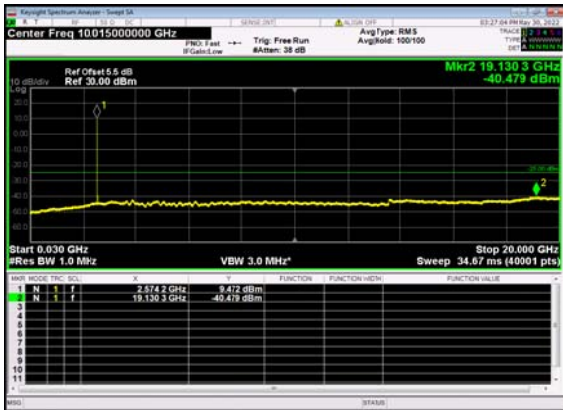
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Edge_1RB_Left_Mid_CH



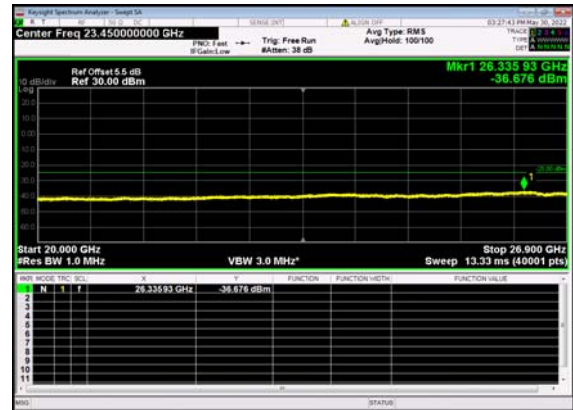
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Edge_1RB_Left_Mid_CH



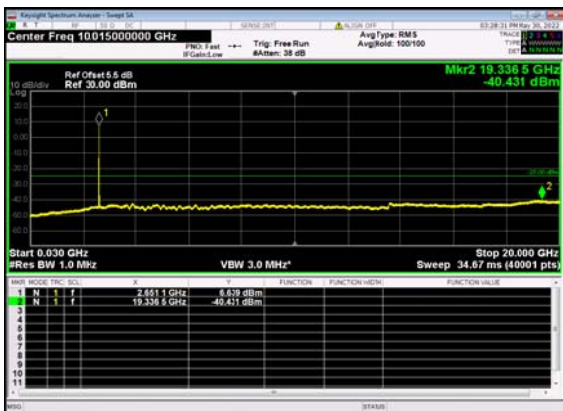
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Edge_1RB_Left_Mid_CH



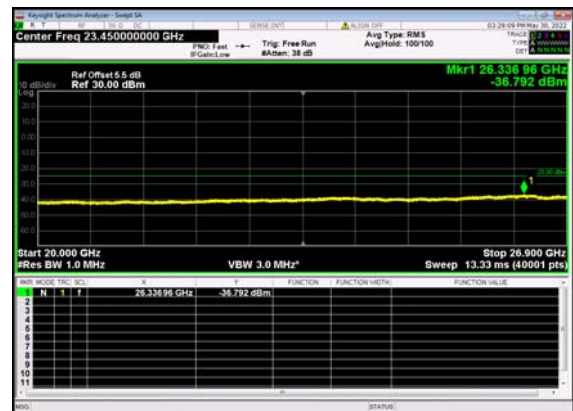
n41(40M)_DFT-s-OFDM_QPSK_
Edge_1RB_Left_Mid_CH



n41(40M)_DFT-s-OFDM_BPSK_
Edge_1RB_Left_High_CH

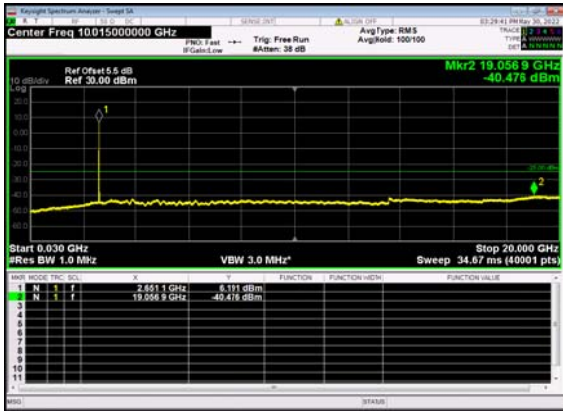


n41(40M)_DFT-s-OFDM_BPSK_
Edge_1RB_Left_High_CH

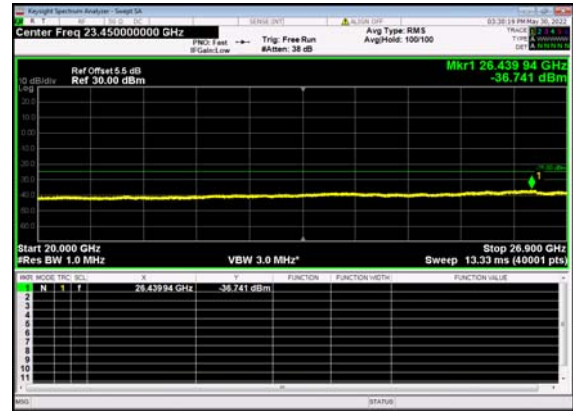




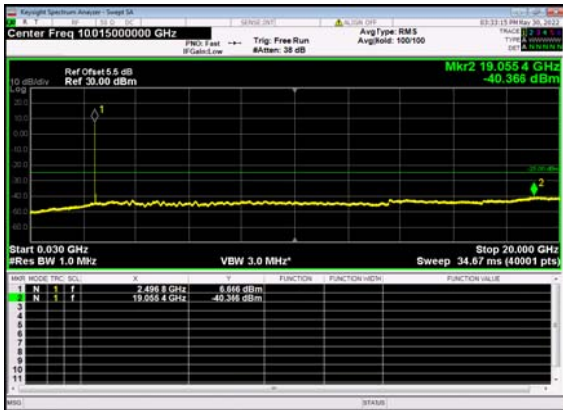
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Edge_1RB_Left_High_CH



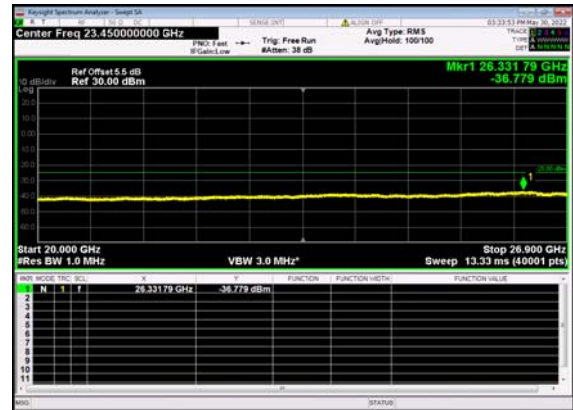
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Edge_1RB_Left_High_CH



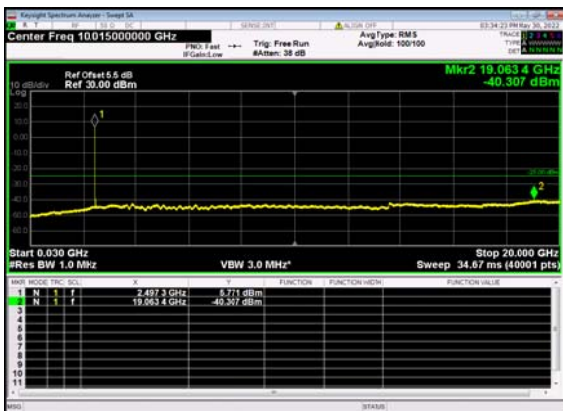
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Edge_1RB_Left_Low_CH



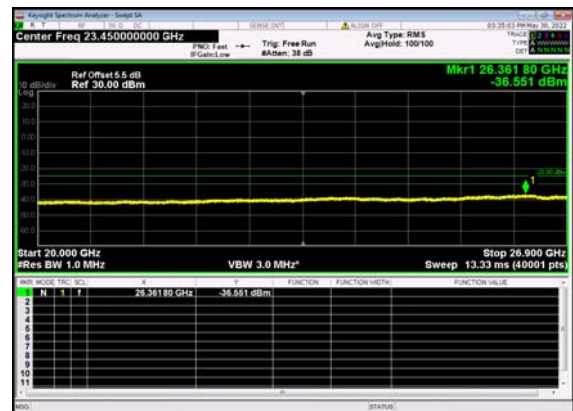
n41(50M)_DFT-s-OFDM_BPSK_
Edge_1RB_Left_Low_CH



n41(50M)_DFT-s-OFDM_QPSK_
Edge_1RB_Left_Low_CH

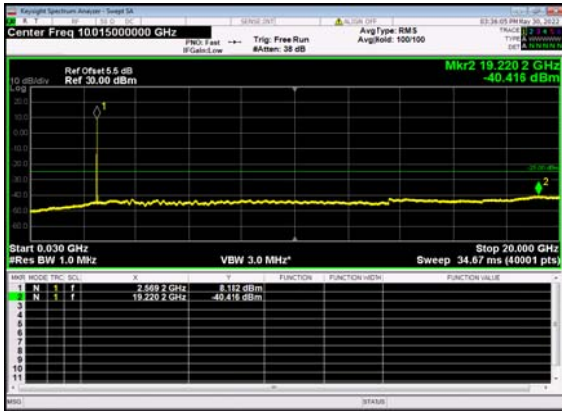


n41(50M)_DFT-s-OFDM_QPSK_
Edge_1RB_Left_Low_CH

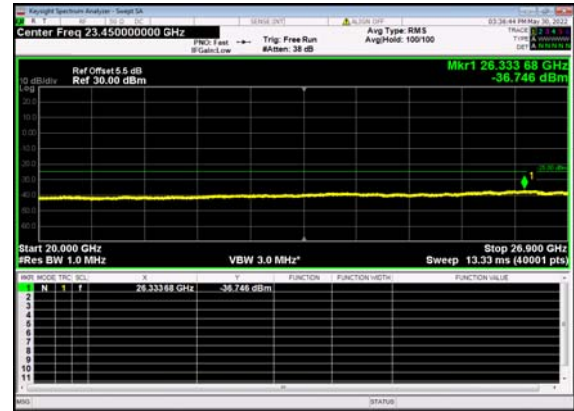




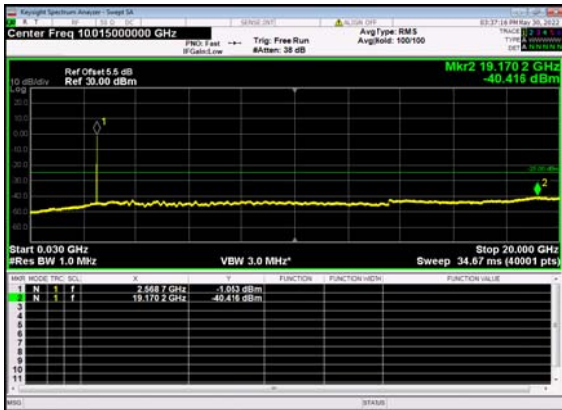
n41(50M)_DFT-s-OFDM_BPSK_
Edge_1RB_Left_Mid_CH



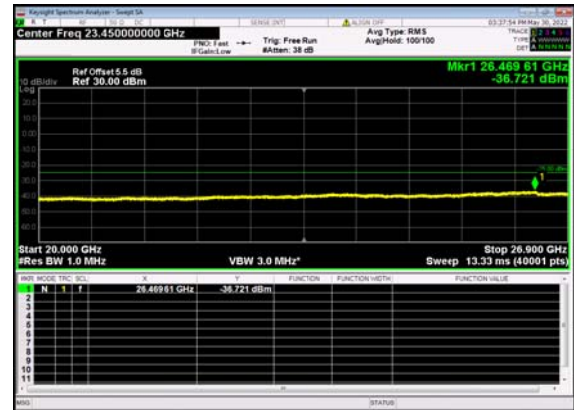
n41(50M)_DFT-s-OFDM_BPSK_
Edge_1RB_Left_Mid_CH



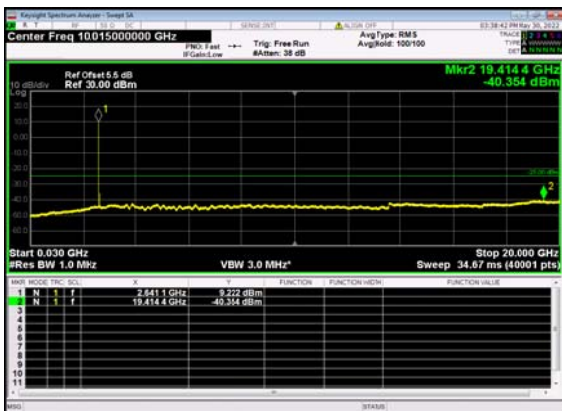
n41(50M)_DFT-s-OFDM_QPSK_
Edge_1RB_Left_Mid_CH



n41(50M)_DFT-s-OFDM_QPSK_
Edge_1RB_Left_Mid_CH



n41(50M)_DFT-s-OFDM_BPSK_
Edge_1RB_Left_High_CH



n41(50M)_DFT-s-OFDM_BPSK_
Edge_1RB_Left_High_CH

