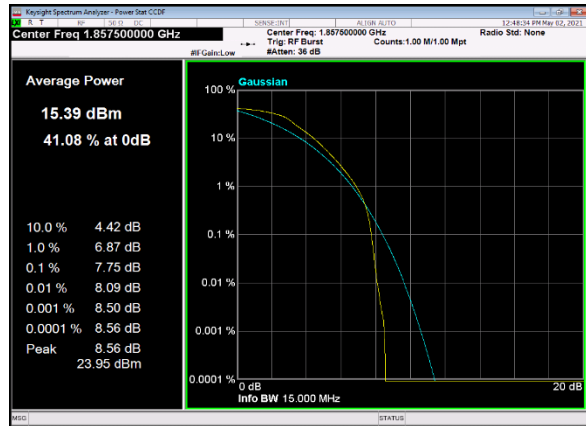
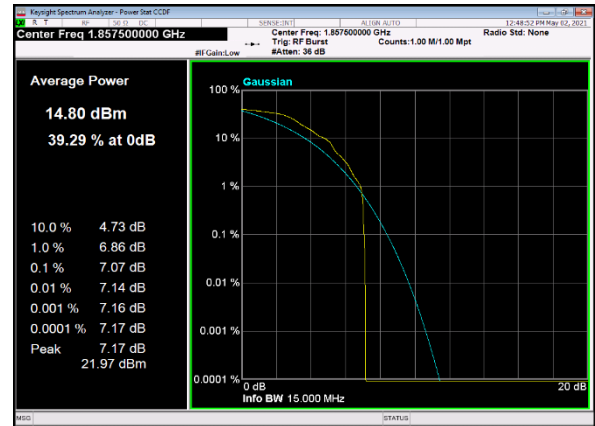
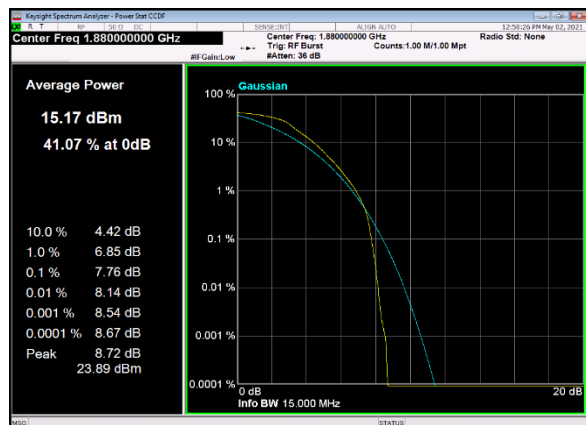
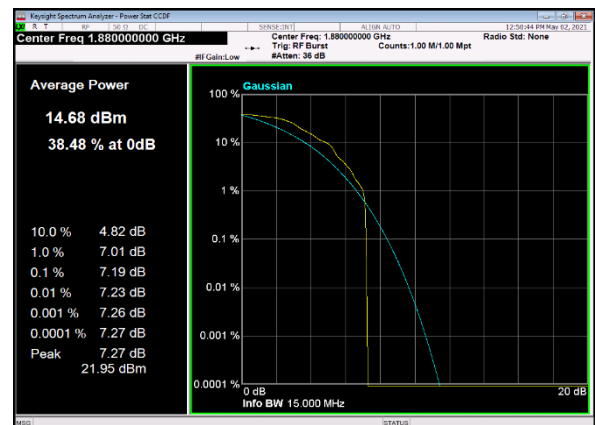
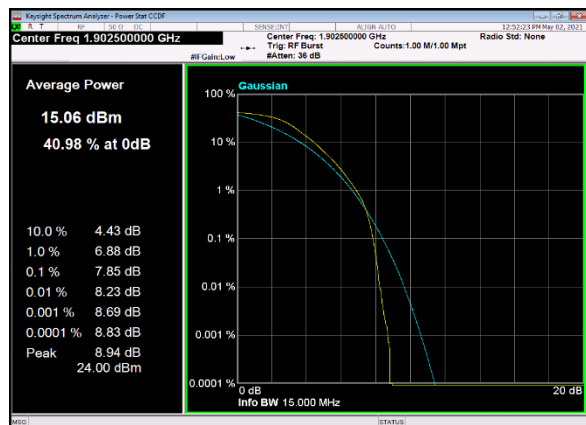
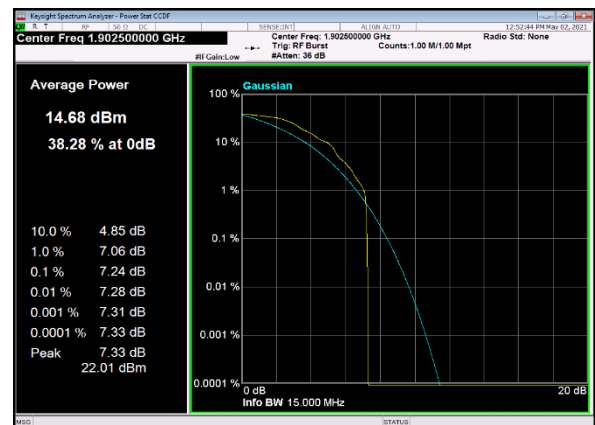
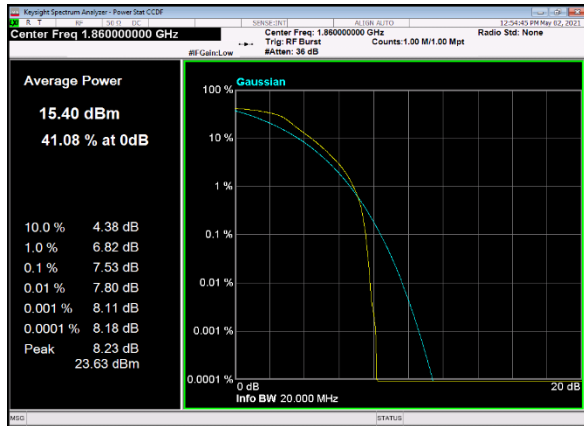
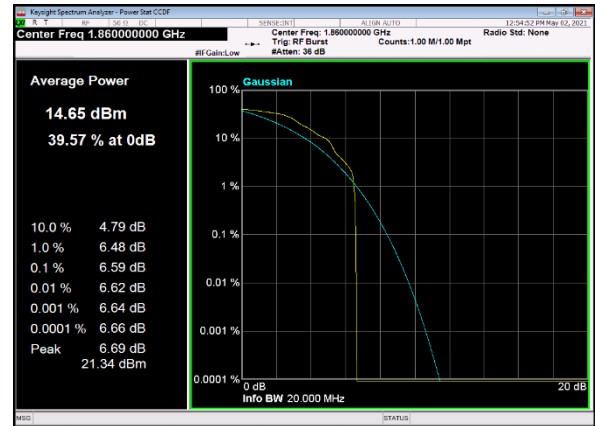
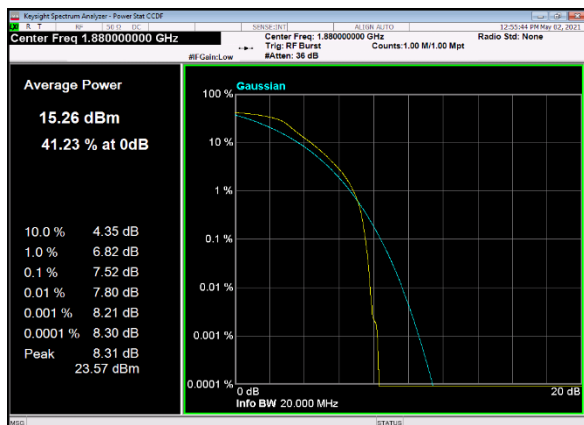
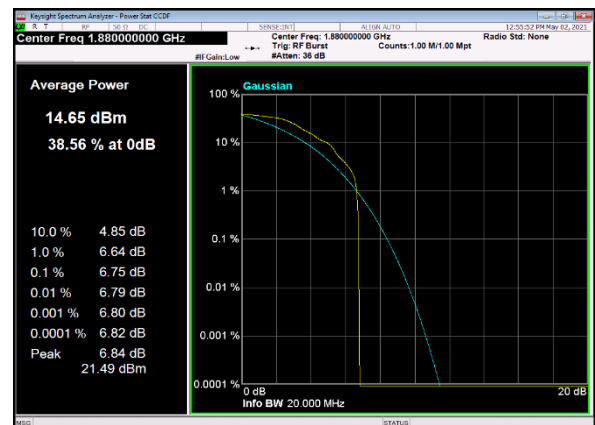
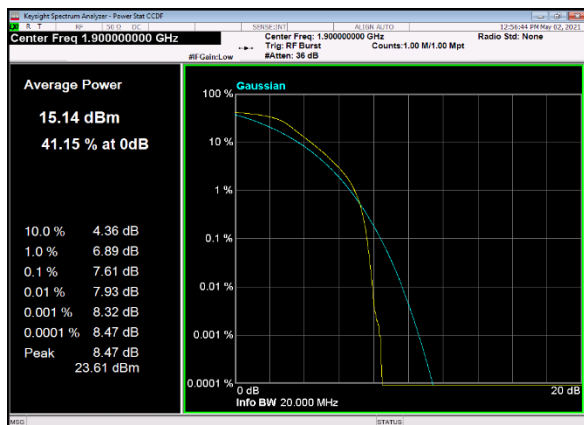
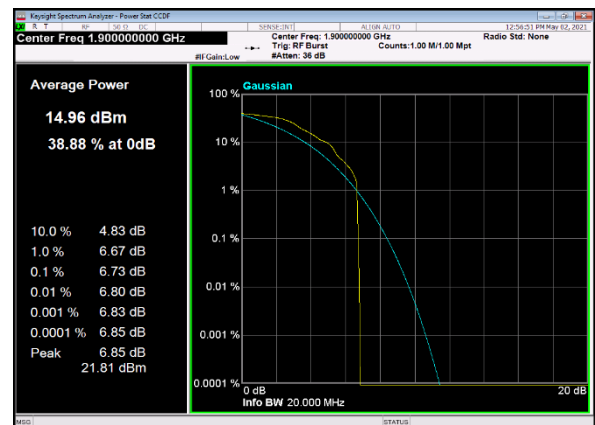
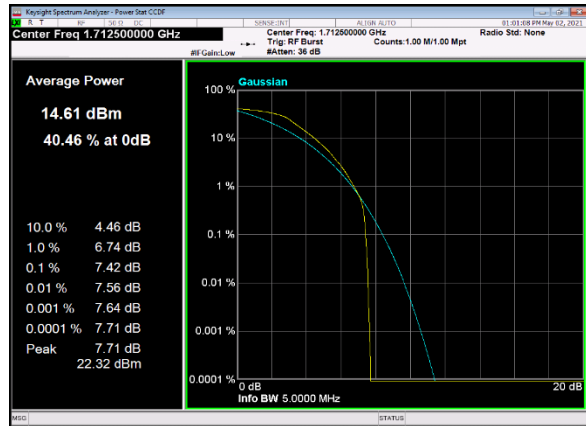
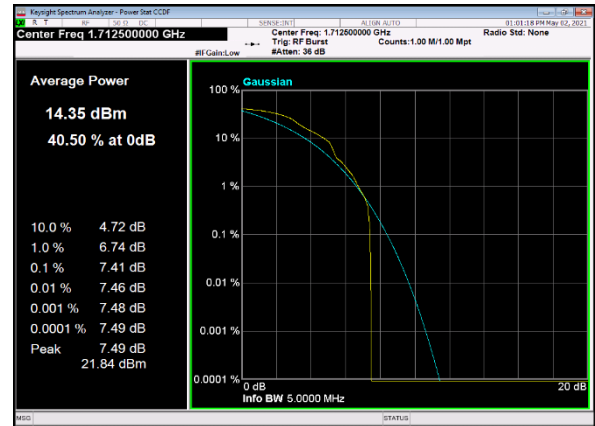
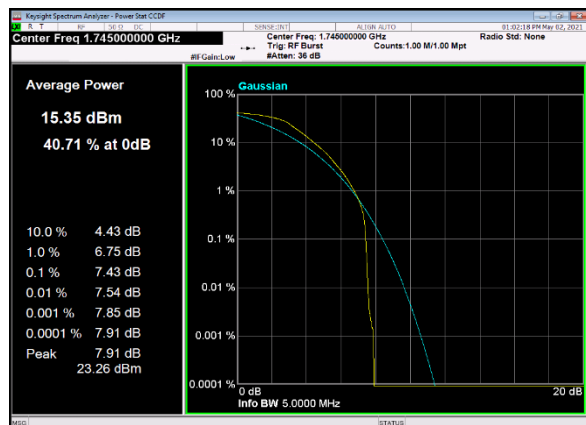
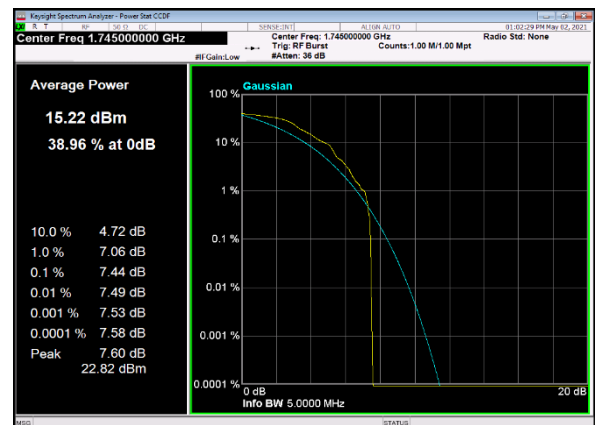
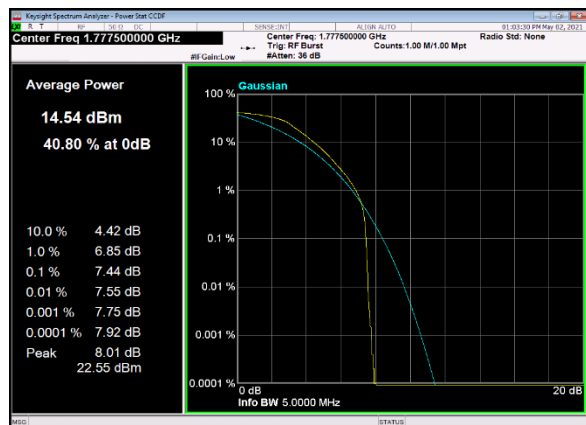
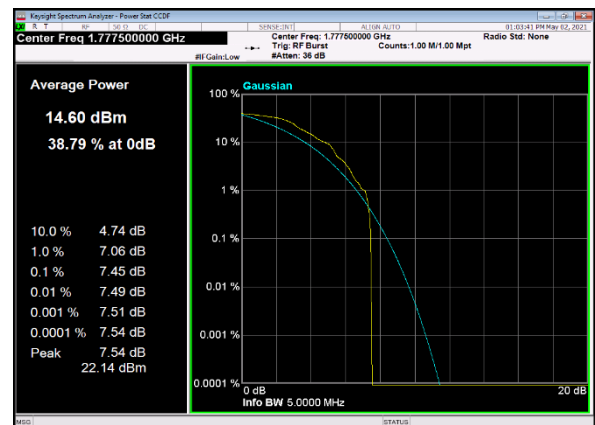
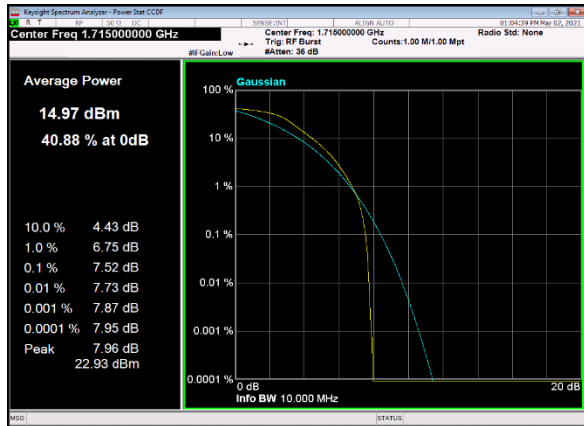
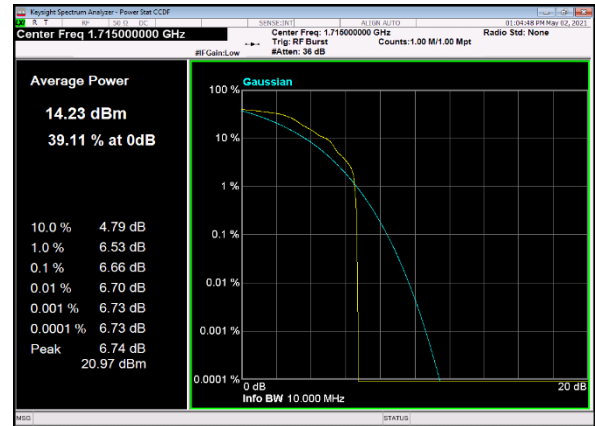
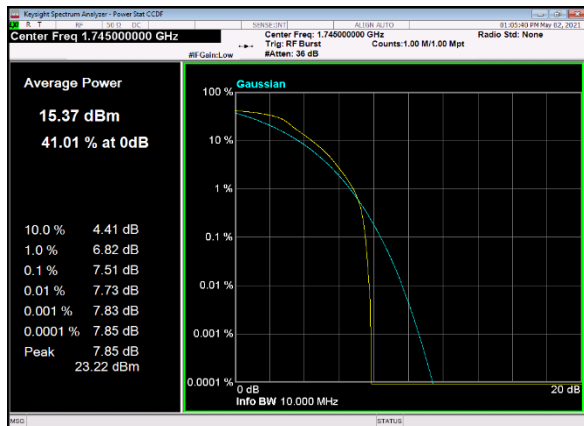
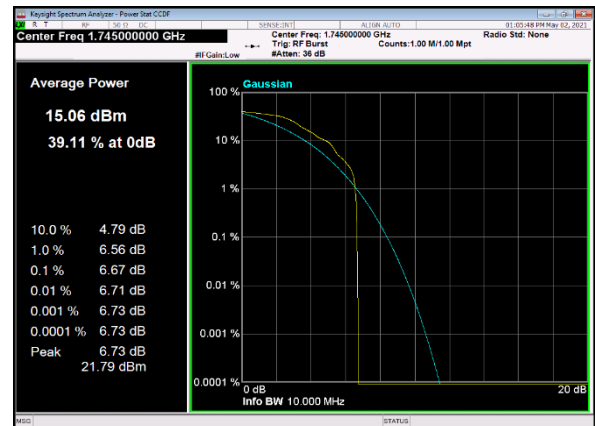
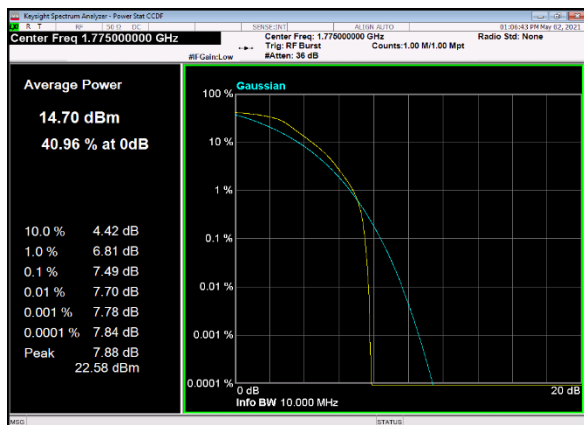
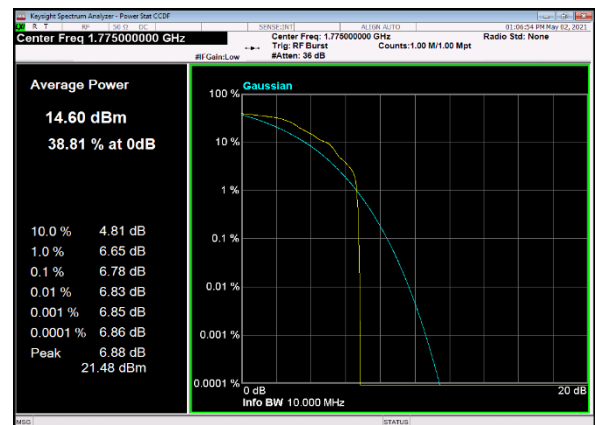
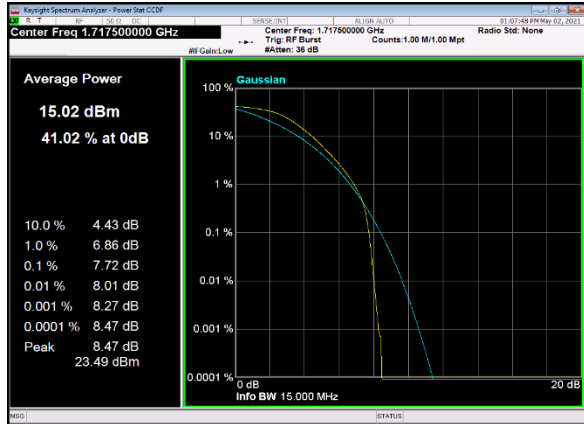
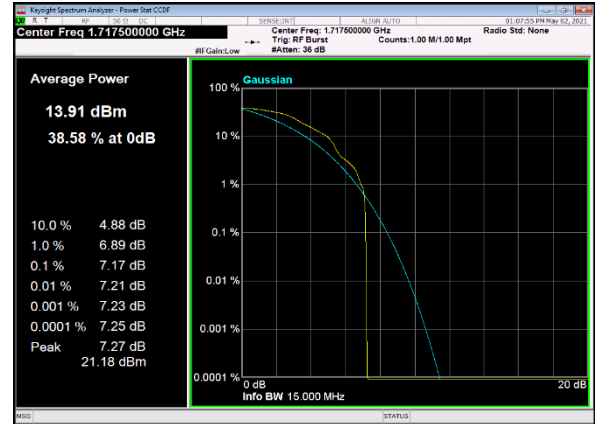
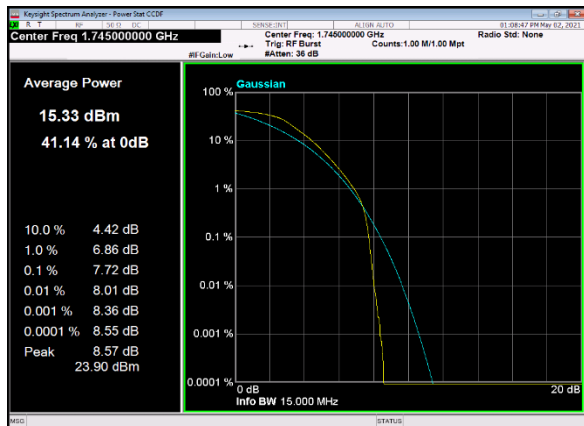
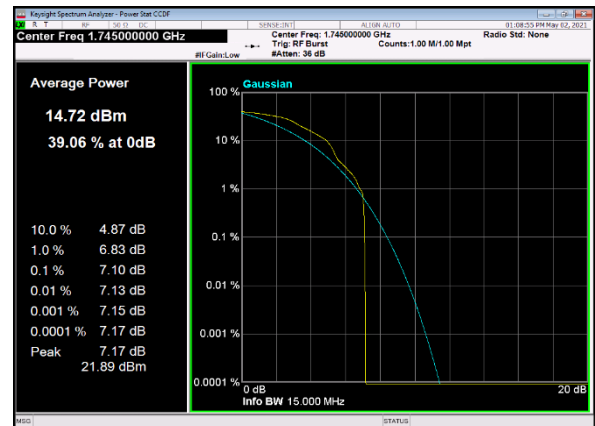
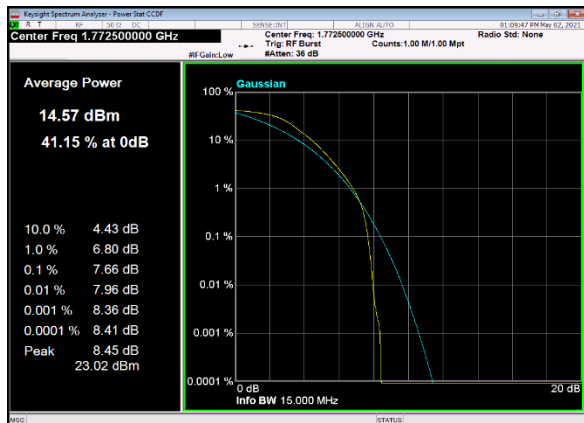
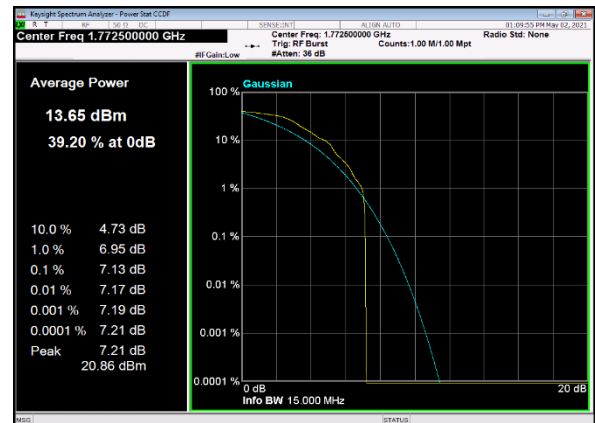


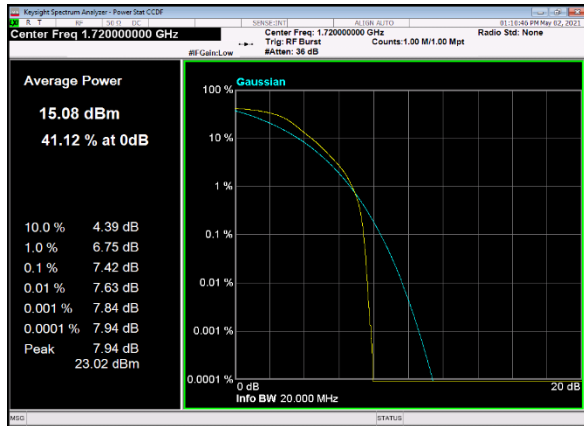
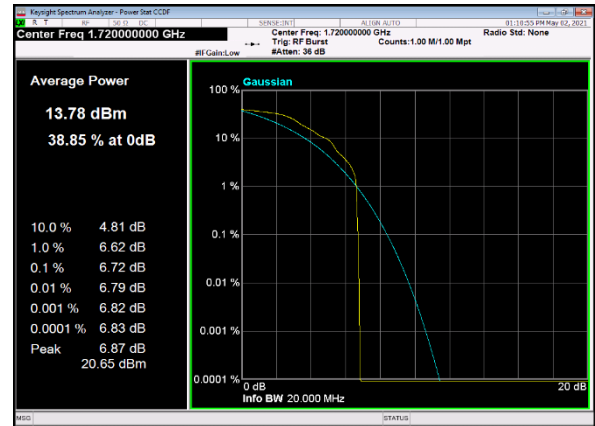
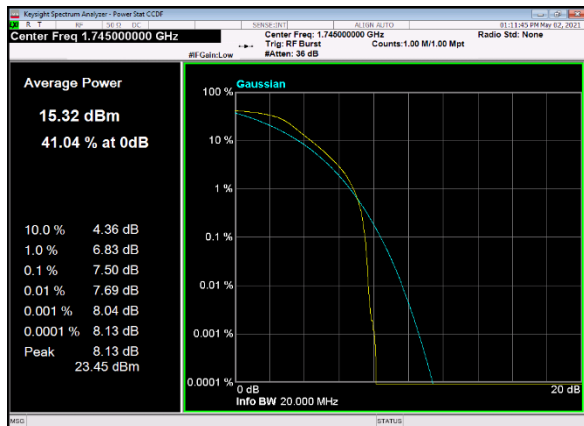
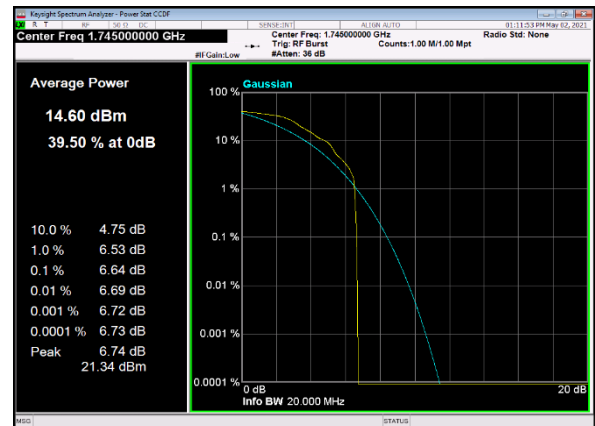
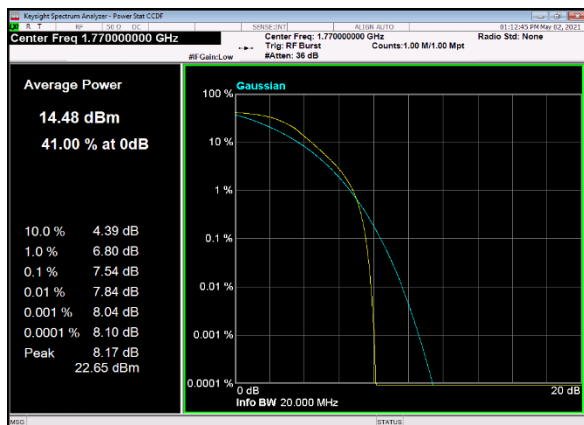
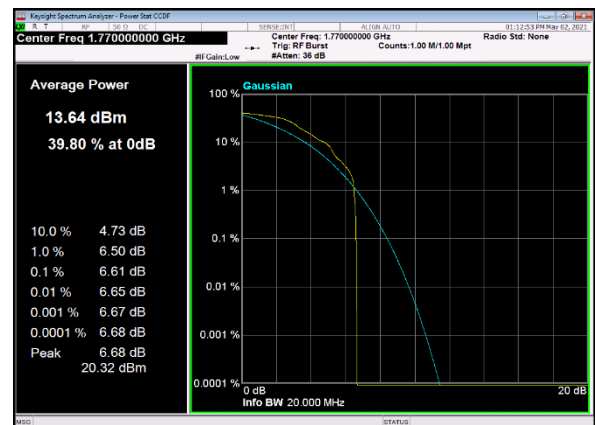
B66_n2(15M)_DFT-s-OFDM_PI_2-BPSK_Ou
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B66_n2(15M)_DFT-s-OFDM_PI_2-BPSK_Edge_
1RB_Left_Low_CH

B66_n2(15M)_DFT-s-OFDM_PI_2-BPSK_Ou
ter_Full_Mid_CH

B66_n2(15M)_DFT-s-OFDM_PI_2-BPSK_Edge_
1RB_Left_Mid_CH

B66_n2(15M)_DFT-s-OFDM_PI_2-BPSK_Ou
ter_Full_High_CH

B66_n2(15M)_DFT-s-OFDM_PI_2-BPSK_Edge_
1RB_Left_High_CH


B66_n2(20M)_DFT-s-OFDM_PI_2-BPSK_Ou
ter_Full_Low_CH

B66_n2(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_
1RB_Left_Low_CH

B66_n2(20M)_DFT-s-OFDM_PI_2-BPSK_Ou
ter_Full_Mid_CH

B66_n2(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_
1RB_Left_Mid_CH

B66_n2(20M)_DFT-s-OFDM_PI_2-BPSK_Ou
ter_Full_High_CH

B66_n2(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_
1RB_Left_High_CH


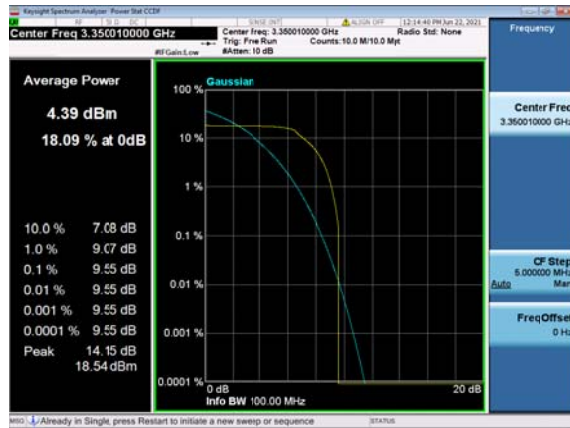
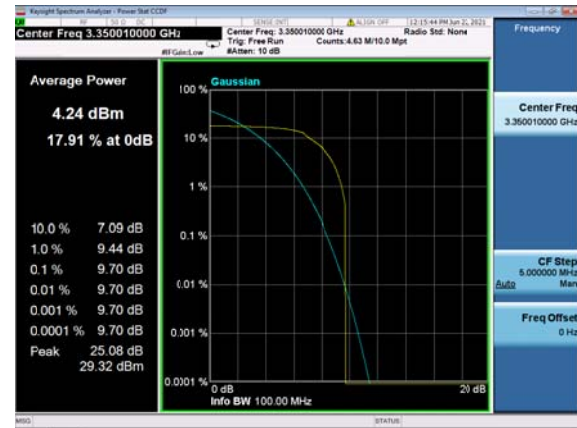
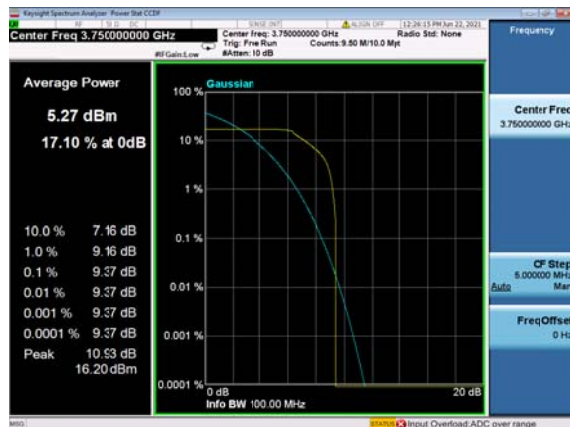
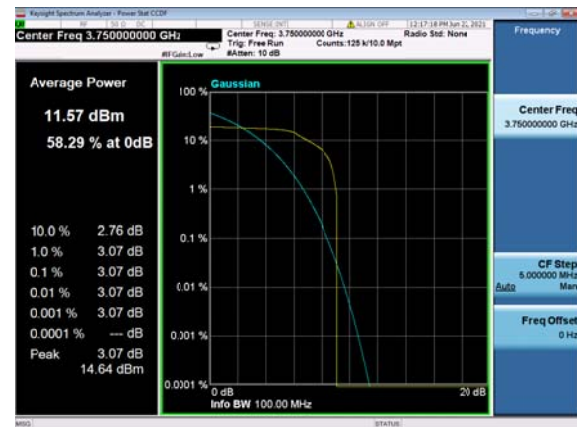
B13_n66(5M)_DFT-s-OFDM_PI_2-BPSK_Ou
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B13_n66(5M)_DFT-s-OFDM_PI_2-BPSK_Edge_
1RB_Left_Low_CH

B13_n66(5M)_DFT-s-OFDM_PI_2-BPSK_Ou
ter_Full_Mid_CH

B13_n66(5M)_DFT-s-OFDM_PI_2-BPSK_Edge_
1RB_Left_Mid_CH

B13_n66(5M)_DFT-s-OFDM_PI_2-BPSK_Ou
ter_Full_High_CH

B13_n66(5M)_DFT-s-OFDM_PI_2-BPSK_Edge_
1RB_Left_High_CH


B13_n66(10M)_DFT-s-OFDM_PI_2-BPSK_O
uter_Full_Low_CH

B13_n66(10M)_DFT-s-OFDM_PI_2-BPSK_Edge
_1RB_Left_Low_CH

B13_n66(10M)_DFT-s-OFDM_PI_2-BPSK_O
uter_Full_Mid_CH

B13_n66(10M)_DFT-s-OFDM_PI_2-BPSK_Edge
_1RB_Left_Mid_CH

B13_n66(10M)_DFT-s-OFDM_PI_2-BPSK_O
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B13_n66(10M)_DFT-s-OFDM_PI_2-BPSK_Edge
_1RB_Left_High_CH


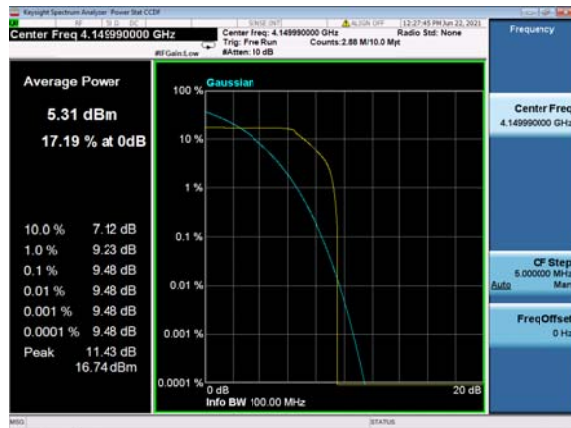
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B13_n66(15M)_DFT-s-OFDM_PI_2-BPSK_Edge
_1RB_Left_Low_CH

B13_n66(15M)_DFT-s-OFDM_PI_2-BPSK_O
uter_Full_Mid_CH

B13_n66(15M)_DFT-s-OFDM_PI_2-BPSK_Edge
_1RB_Left_Mid_CH

B13_n66(15M)_DFT-s-OFDM_PI_2-BPSK_O
uter_Full_High_CH

B13_n66(15M)_DFT-s-OFDM_PI_2-BPSK_Edge
_1RB_Left_High_CH


B13_n66(20M)_DFT-s-OFDM_PI_2-BPSK_O
uter_Full_Low_CH

B13_n66(20M)_DFT-s-OFDM_PI_2-BPSK_Edge
_1RB_Left_Low_CH

B13_n66(20M)_DFT-s-OFDM_PI_2-BPSK_O
uter_Full_Mid_CH

B13_n66(20M)_DFT-s-OFDM_PI_2-BPSK_Edge
_1RB_Left_Mid_CH

B13_n66(20M)_DFT-s-OFDM_PI_2-BPSK_O
uter_Full_High_CH

B13_n66(20M)_DFT-s-OFDM_PI_2-BPSK_Edge
_1RB_Left_High_CH


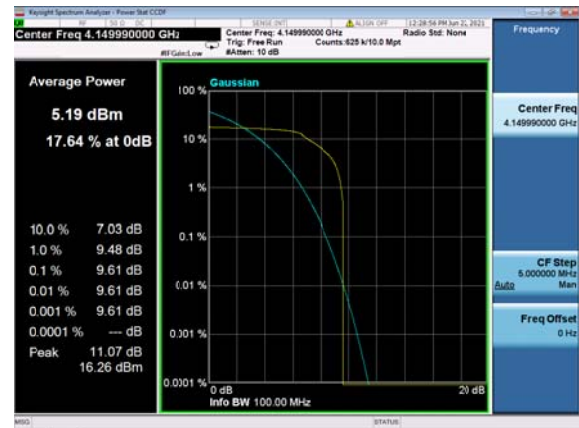
B2_n77(3700-3980)

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B2_n77(100M)_DFT-s-OFDM_QPSK_Outer_Full
_Low_CH

B2_n77(100M)_DFT-s-OFDM_PI_2-BPSK_O
uter_Full_Mid_CH

B2_n77(100M)_DFT-s-OFDM_QPSK_Outer_Full
_Mid_CH


B2_n77(100M)_DFT-s-OFDM_PI_2-BPSK_O
uter_Full_High_CH



B2_n77(100M)_DFT-s-OFDM_QPSK_Outer_Full
_High_CH

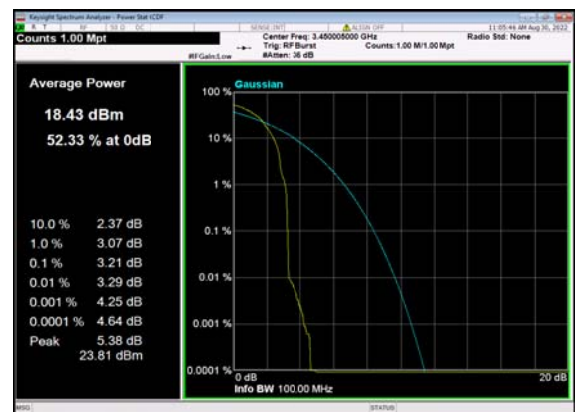


B2_n77(3450-3550)

B2_n77(100M)_DFT-s-OFDM_PI_2-BPSK_Outer
_Full_Mid_CH



B2_n77(100M)_DFT-s-OFDM_QPSK_Outer_
Full_Mid_CH



2.5. Conducted Spurious Emissions

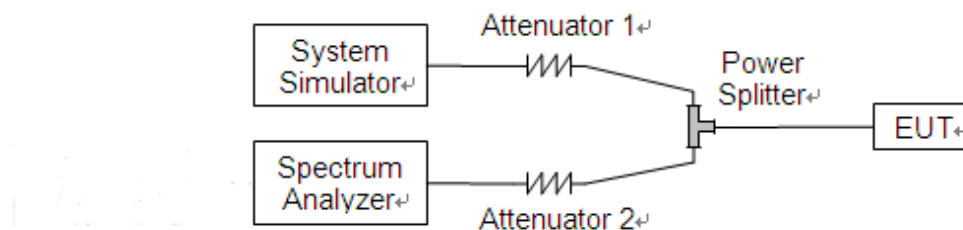
2.5.1. Requirement

According to FCC section 2.1051, section 24.238(a), 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 $43 + 10 \cdot \log(P)$ 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.

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.



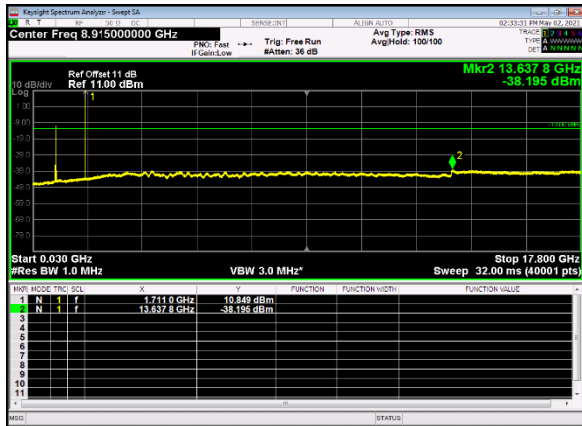
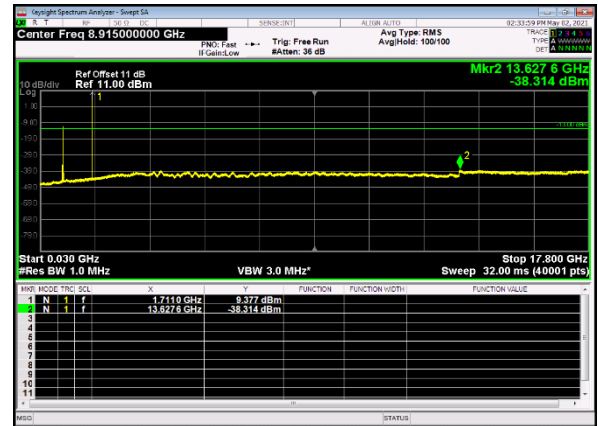
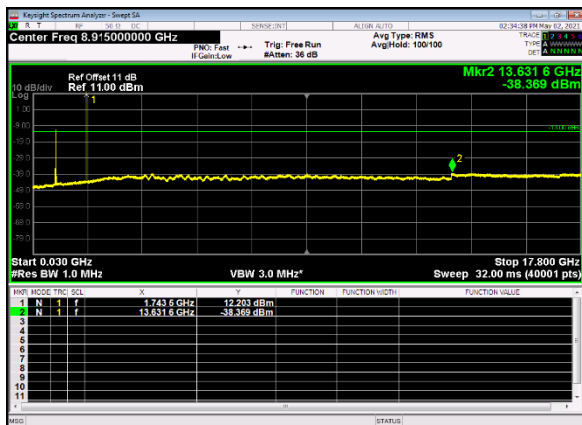
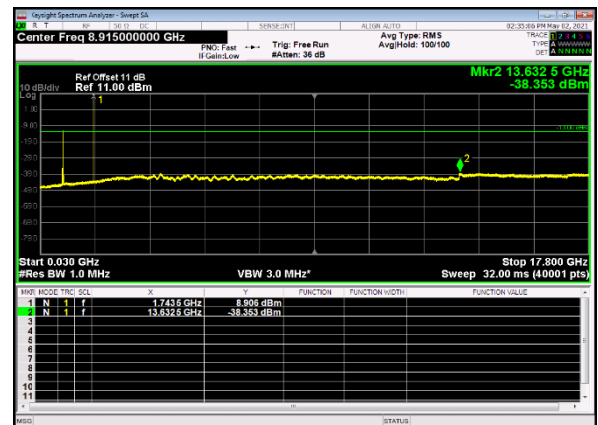
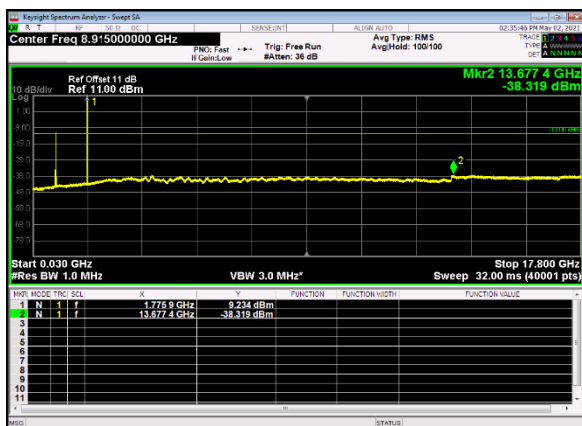
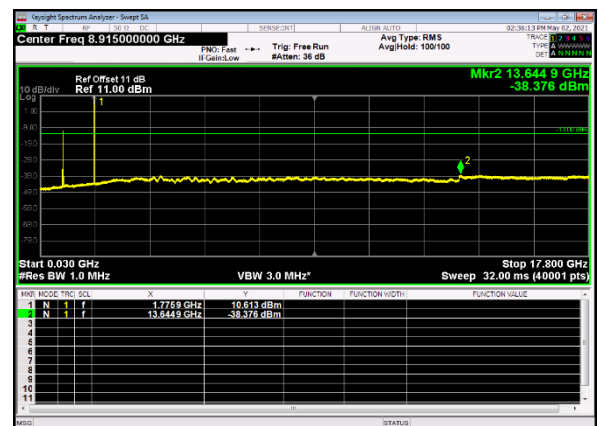
2.5.3. Test procedure

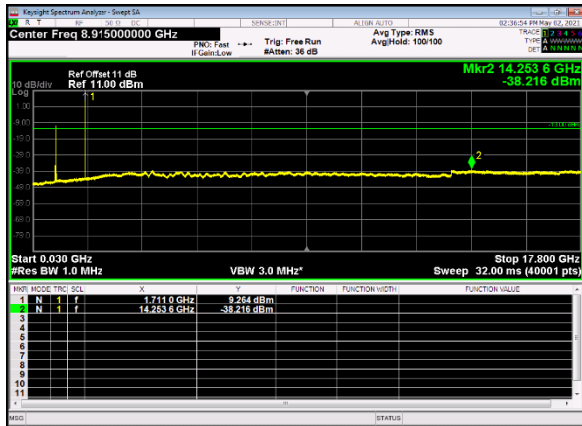
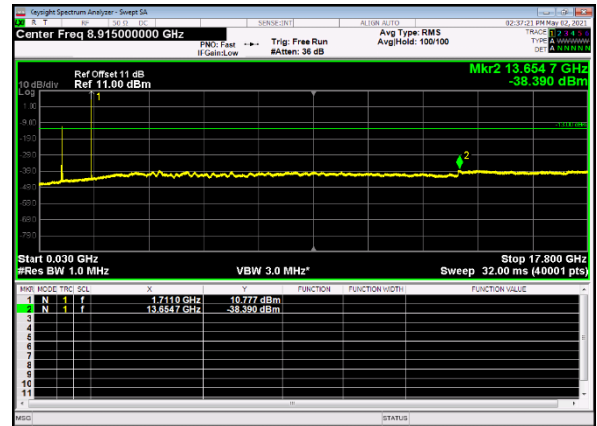
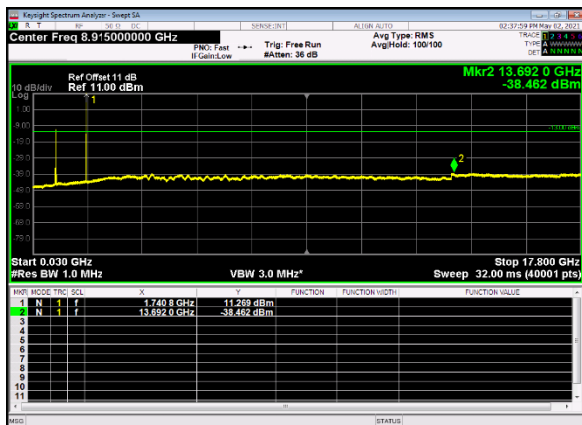
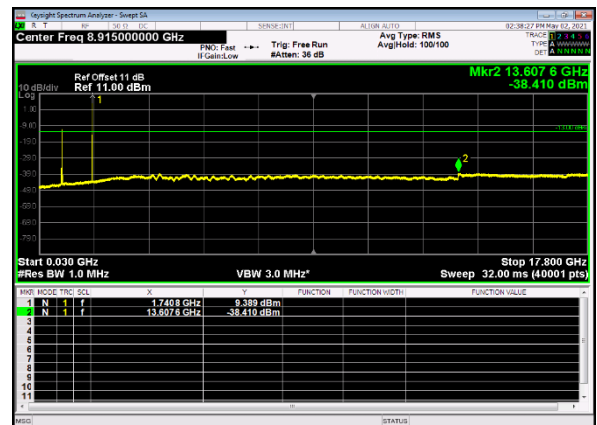
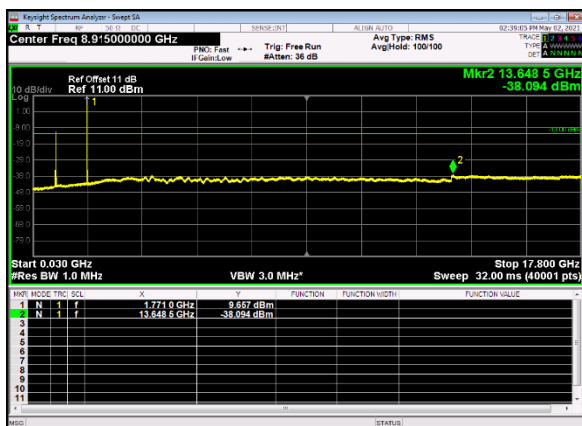
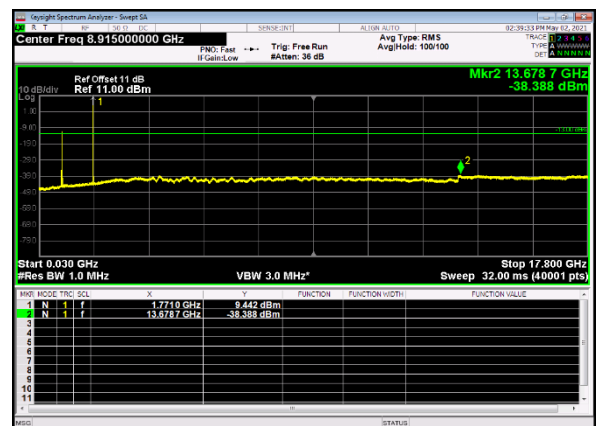
KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.

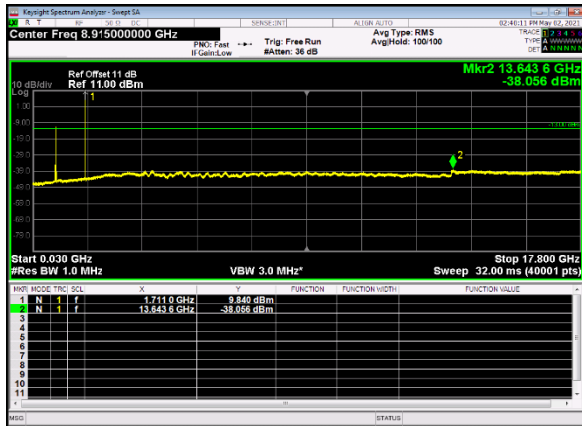
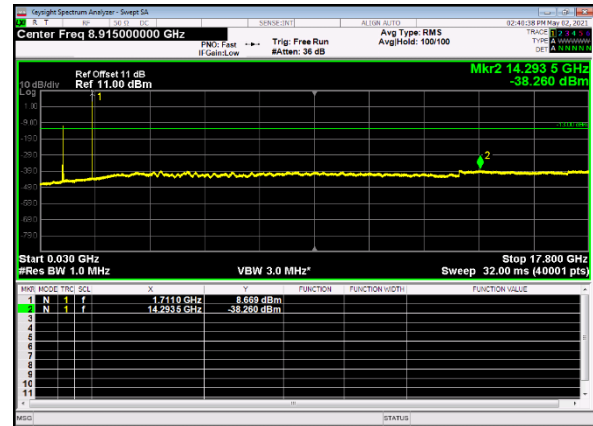
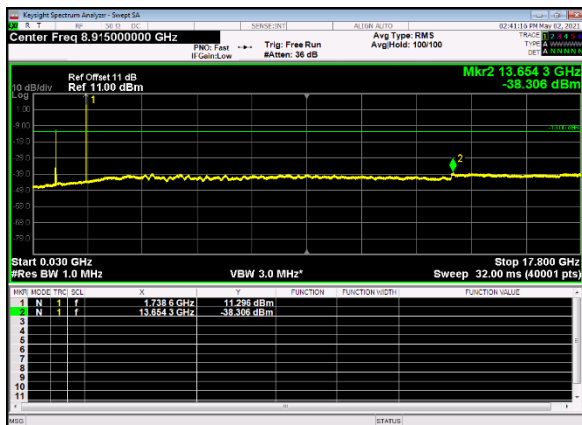
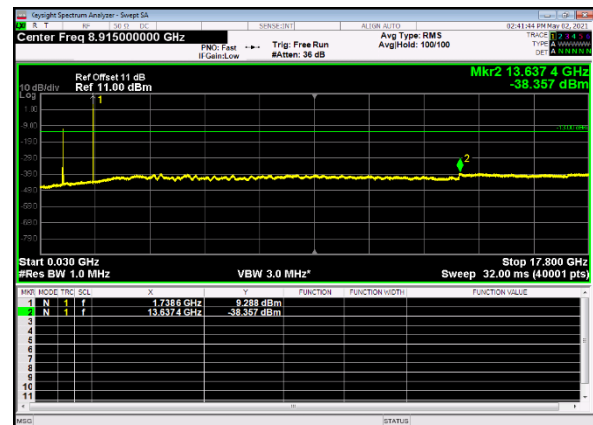
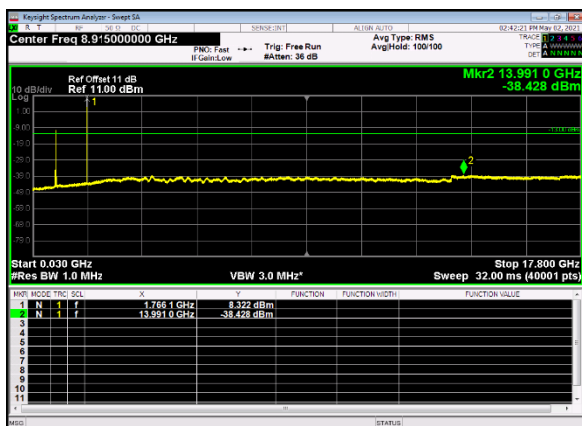
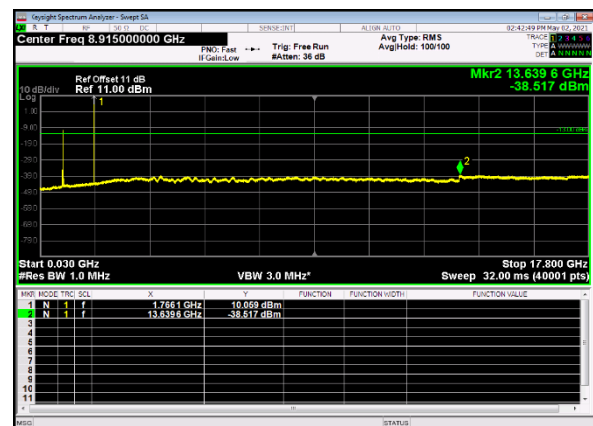
2.5.4. Test Result

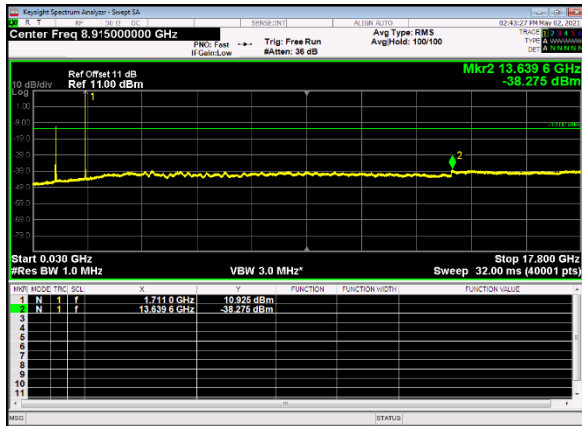
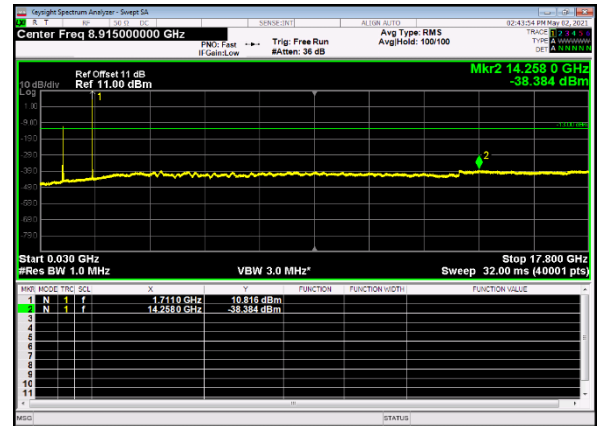
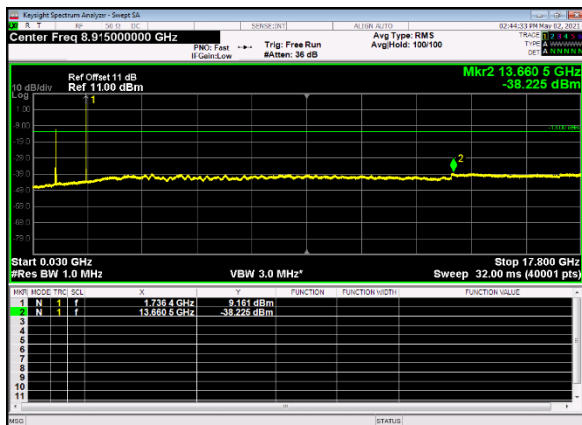
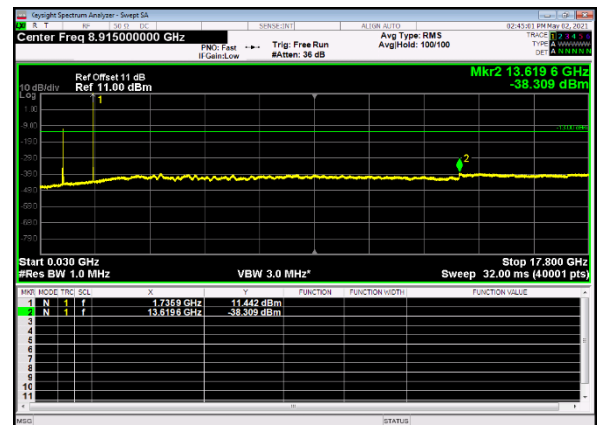
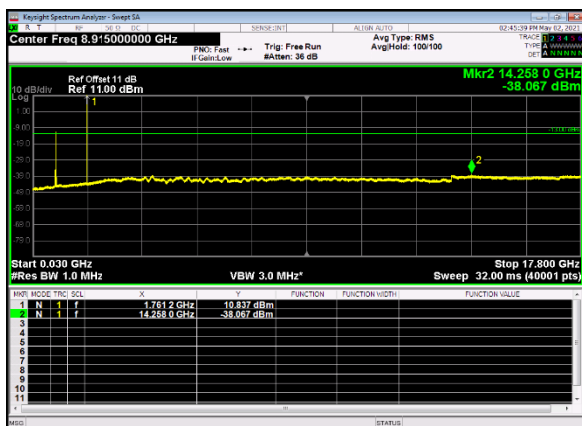
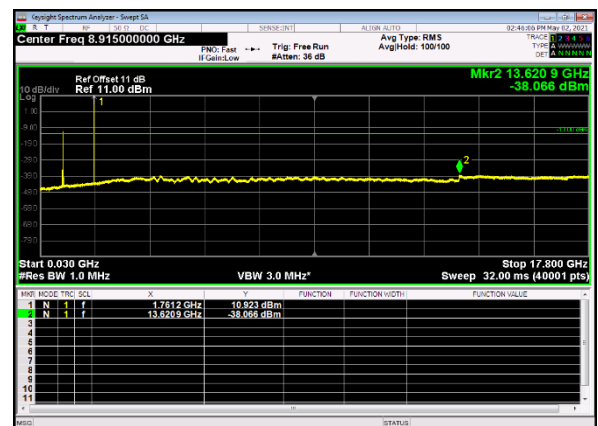
Note: In the same NR frequency band, The measured power in SA mode is higher than that in NSA mode, SA mode is selected to test all test cases.

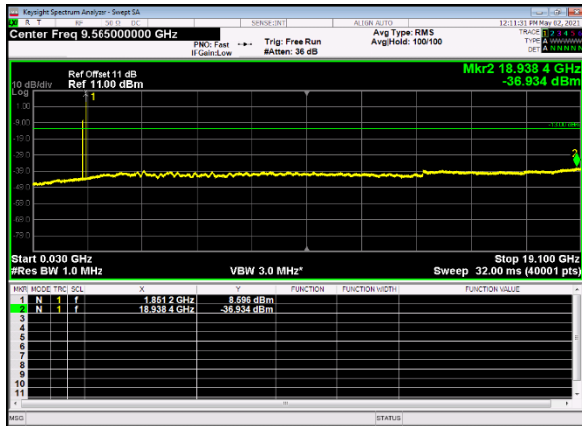
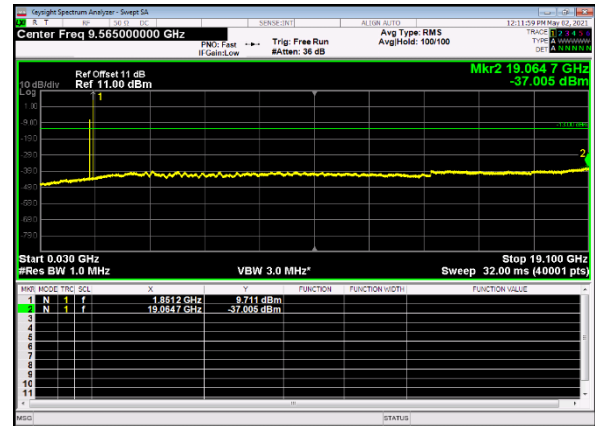
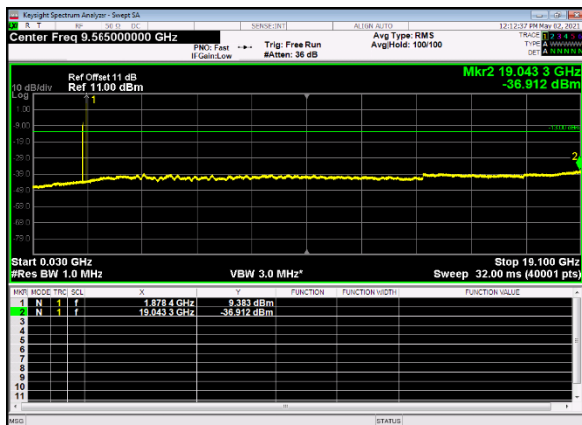
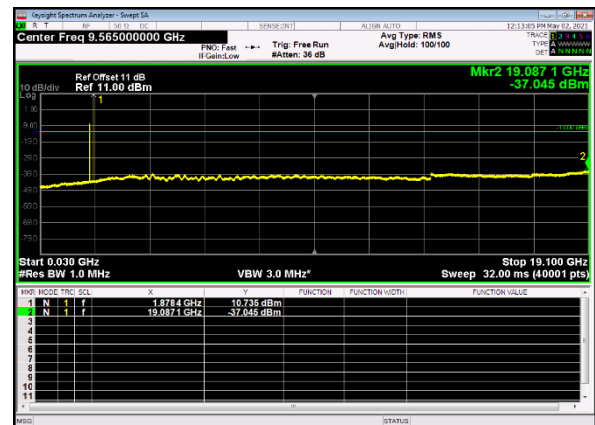
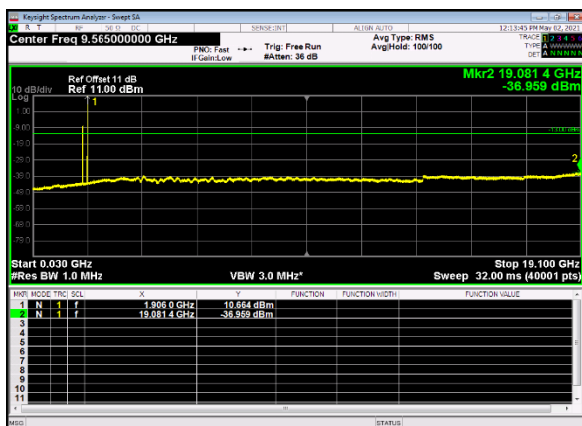
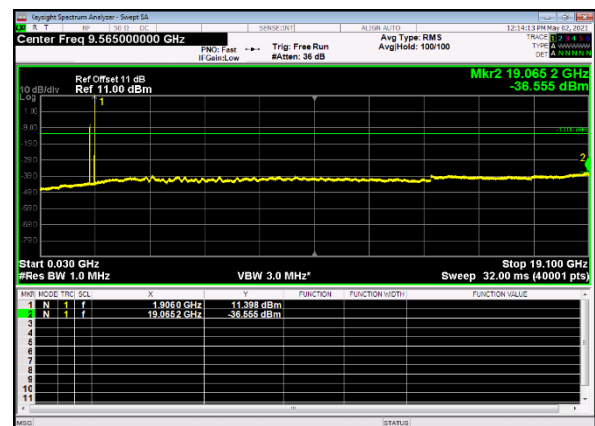


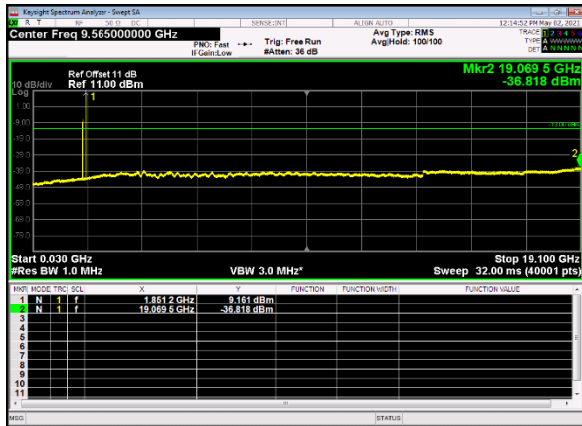
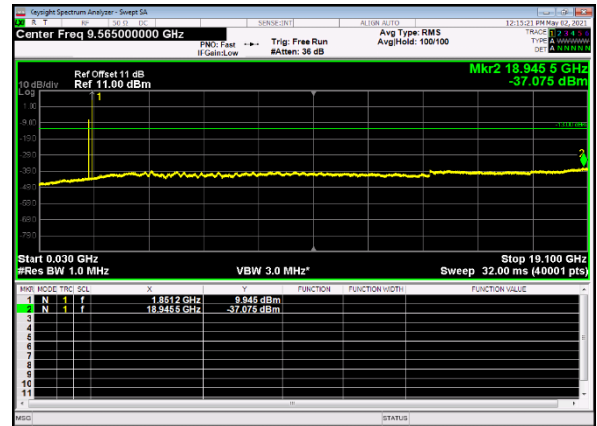
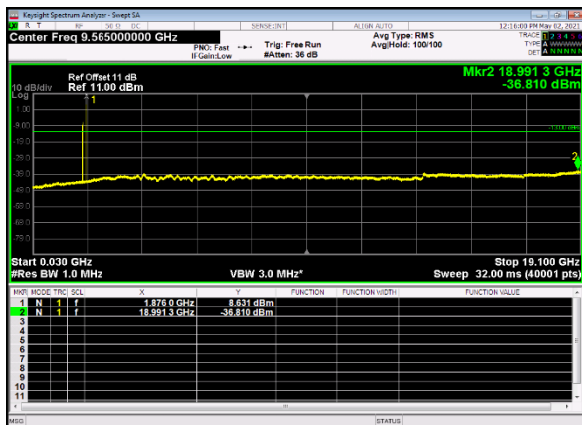
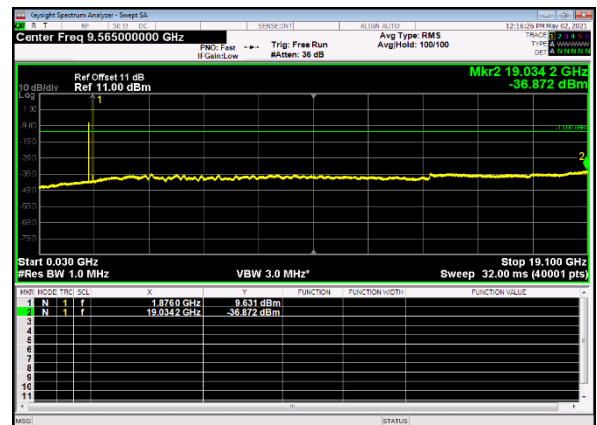
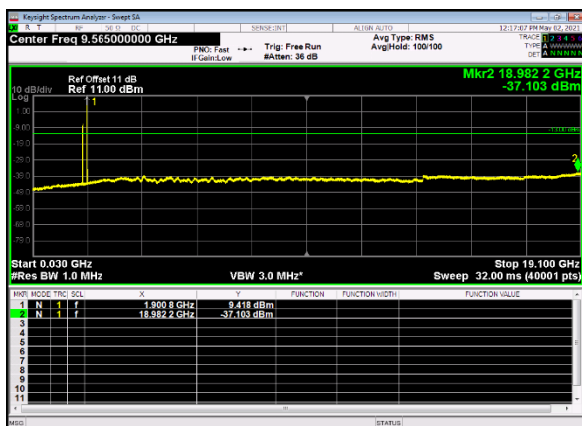
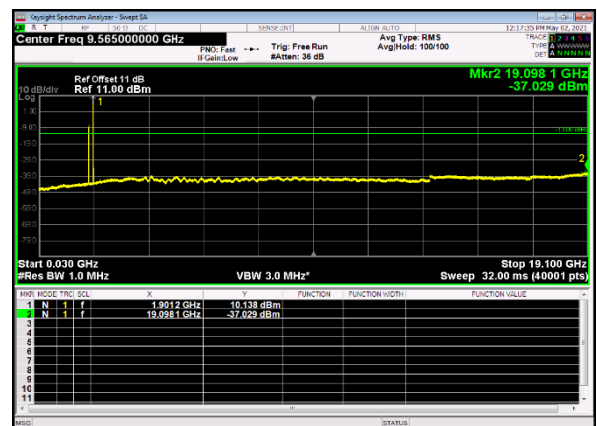
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1RB_Left_Low_CHB13_n66(5M)_DFT-s-OFDM_QPSK_Edge_
1RB_Left_Low_CHB13_n66(5M)_DFT-s-OFDM_BPSK_Edge_
1RB_Left_Mid_CHB13_n66(5M)_DFT-s-OFDM_QPSK_Edge_
1RB_Left_Mid_CHB13_n66(5M)_DFT-s-OFDM_BPSK_Edge_
1RB_Left_High_CHB13_n66(5M)_DFT-s-OFDM_QPSK_Edge_
1RB_Left_High_CH

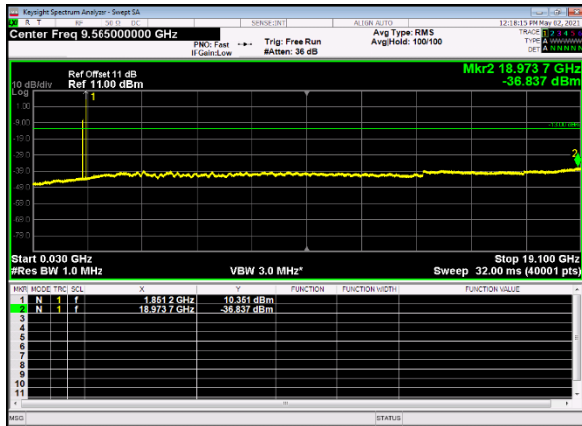
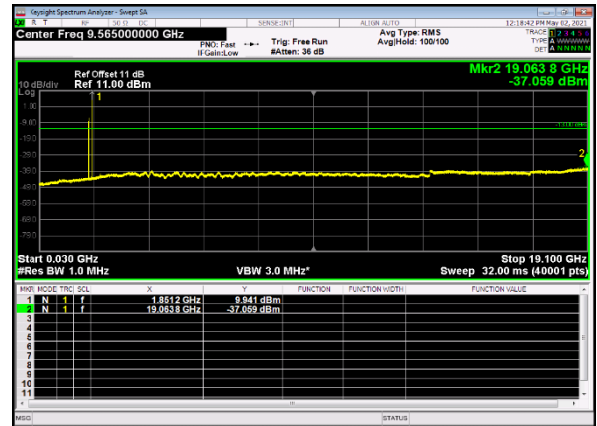
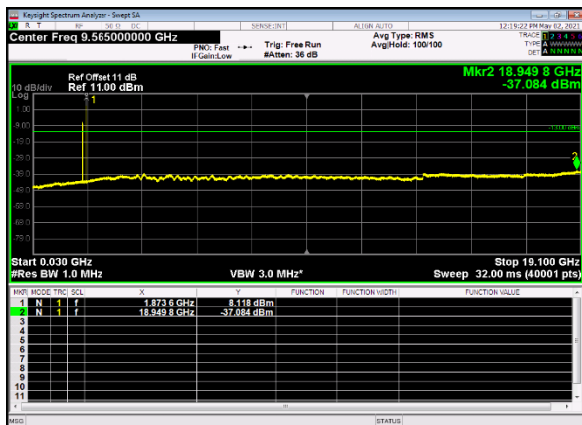
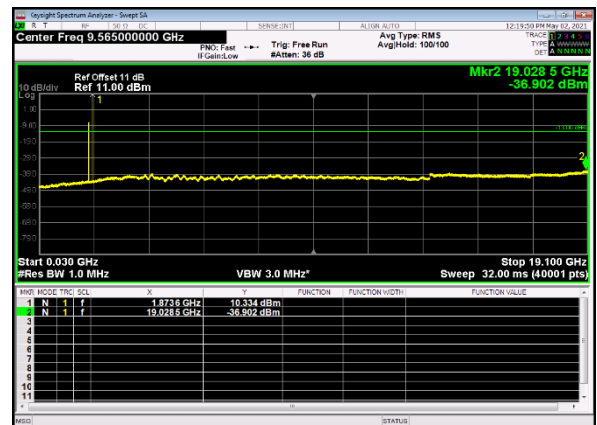
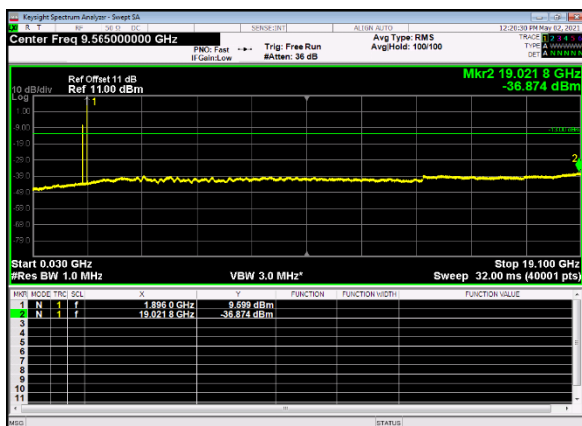
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1RB_Left_Low_CHB13_n66(10M)_DFT-s-OFDM_BPSK_Edge_
1RB_Left_Mid_CHB13_n66(10M)_DFT-s-OFDM_QPSK_Edge_
1RB_Left_Mid_CHB13_n66(10M)_DFT-s-OFDM_BPSK_Edge_
1RB_Left_High_CHB13_n66(10M)_DFT-s-OFDM_QPSK_Edge_
1RB_Left_High_CH

B13_n66(15M)_DFT-s-OFDM_BPSK_Edge_
1RB_Left_Low_CHB13_n66(15M)_DFT-s-OFDM_QPSK_Edge_
1RB_Left_Low_CHB13_n66(15M)_DFT-s-OFDM_BPSK_Edge_
1RB_Left_Mid_CHB13_n66(15M)_DFT-s-OFDM_QPSK_Edge_
1RB_Left_Mid_CHB13_n66(15M)_DFT-s-OFDM_BPSK_Edge_
1RB_Left_High_CHB13_n66(15M)_DFT-s-OFDM_QPSK_Edge_
1RB_Left_High_CH

B13_n66(20M)_DFT-s-OFDM_BPSK_Edge_
1RB_Left_Low_CHB13_n66(20M)_DFT-s-OFDM_QPSK_Edge_
1RB_Left_Low_CHB13_n66(20M)_DFT-s-OFDM_BPSK_Edge_
1RB_Left_Mid_CHB13_n66(20M)_DFT-s-OFDM_QPSK_Edge_
1RB_Left_Mid_CHB13_n66(20M)_DFT-s-OFDM_BPSK_Edge_
1RB_Left_High_CHB13_n66(20M)_DFT-s-OFDM_QPSK_Edge_
1RB_Left_High_CH

B66_n2(5M)_DFT-s-OFDM_BPSK_Edge_
1RB_Left_Low_CHB66_n2(5M)_DFT-s-OFDM_QPSK_Edge_
1RB_Left_Low_CHB66_n2(5M)_DFT-s-OFDM_BPSK_Edge_
1RB_Left_Mid_CHB66_n2(5M)_DFT-s-OFDM_QPSK_Edge_
1RB_Left_Mid_CHB66_n2(5M)_DFT-s-OFDM_BPSK_Edge_
1RB_Left_High_CHB66_n2(5M)_DFT-s-OFDM_QPSK_Edge_
1RB_Left_High_CH

B66_n2(10M)_DFT-s-OFDM_BPSK_Edge_
1RB_Left_Low_CHB66_n2(10M)_DFT-s-OFDM_QPSK_Edge_
1RB_Left_Low_CHB66_n2(10M)_DFT-s-OFDM_BPSK_Edge_
1RB_Left_Mid_CHB66_n2(10M)_DFT-s-OFDM_QPSK_Edge_
1RB_Left_Mid_CHB66_n2(10M)_DFT-s-OFDM_BPSK_Edge_
1RB_Left_High_CHB66_n2(10M)_DFT-s-OFDM_QPSK_Edge_
1RB_Left_High_CH

B66_n2(15M)_DFT-s-OFDM_BPSK_Edge_
1RB_Left_Low_CHB66_n2(15M)_DFT-s-OFDM_QPSK_Edge_
1RB_Left_Low_CHB66_n2(15M)_DFT-s-OFDM_BPSK_Edge_
1RB_Left_Mid_CHB66_n2(15M)_DFT-s-OFDM_QPSK_Edge_
1RB_Left_Mid_CHB66_n2(15M)_DFT-s-OFDM_BPSK_Edge_
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