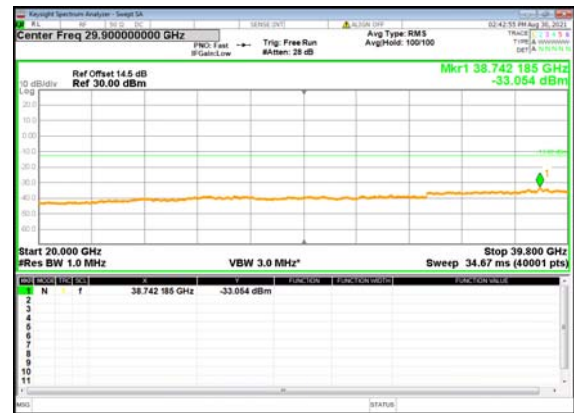
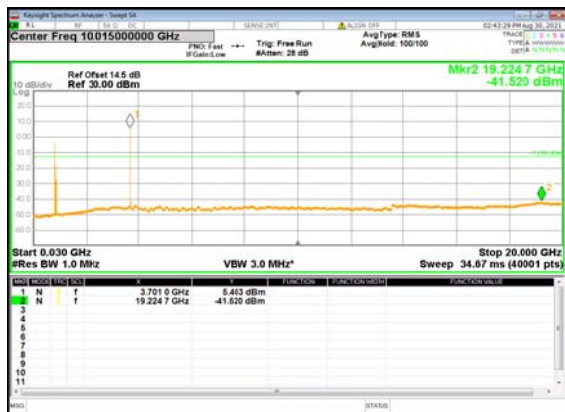
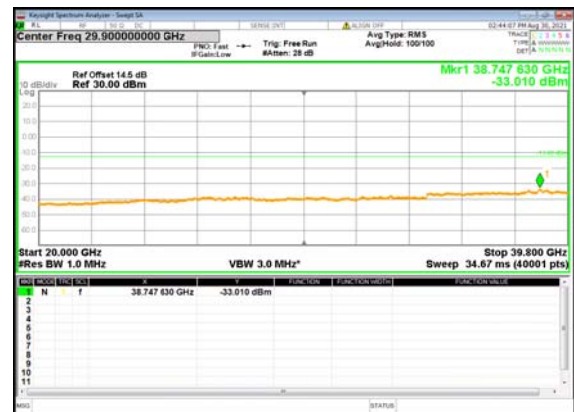
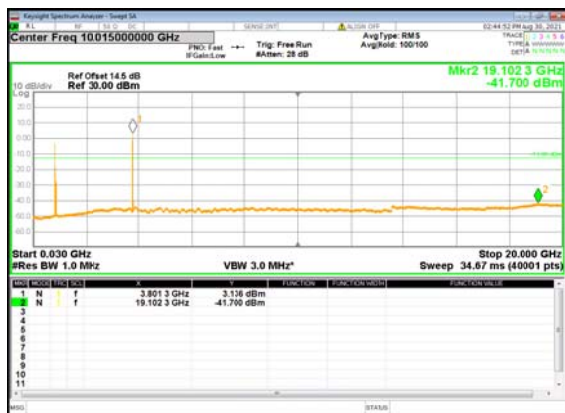
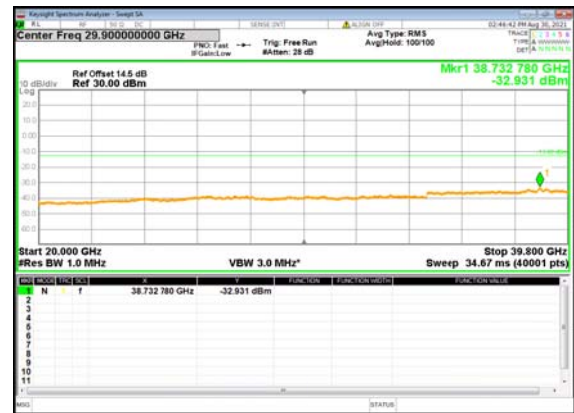
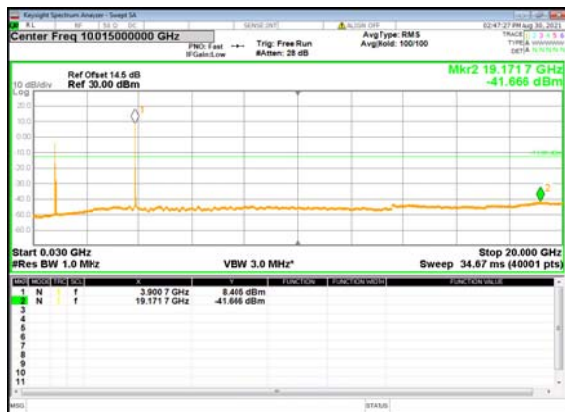
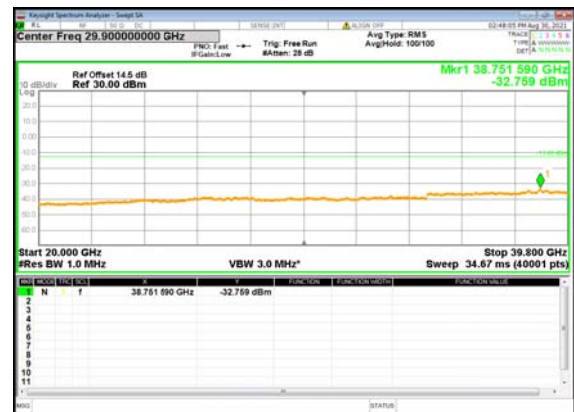
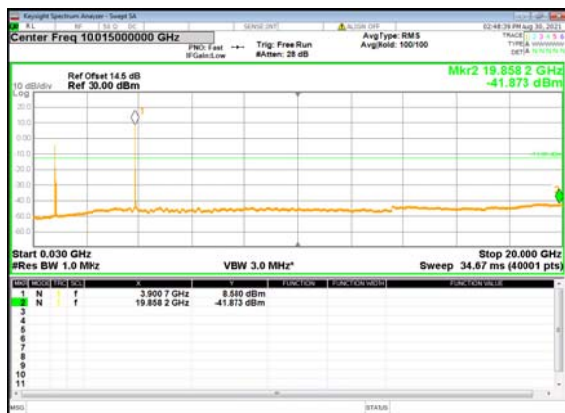
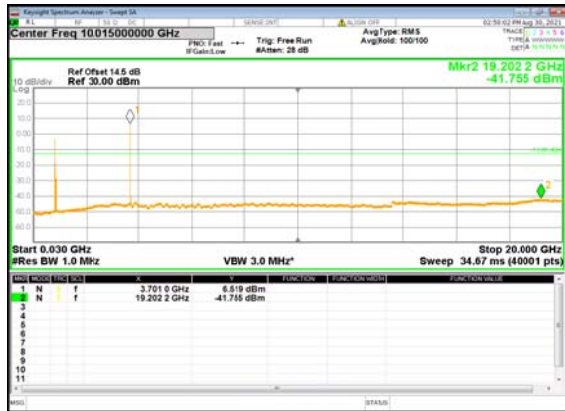
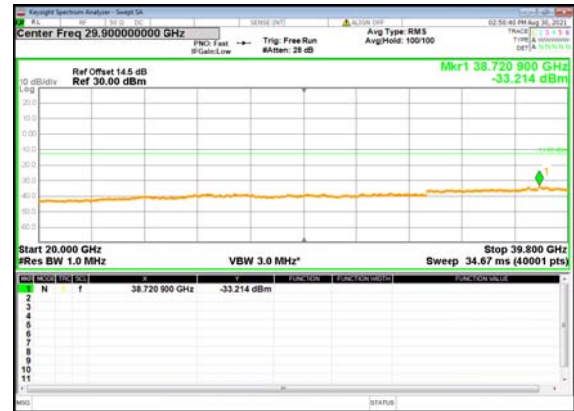
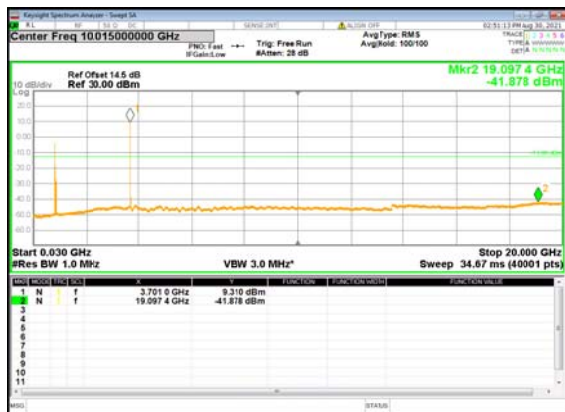
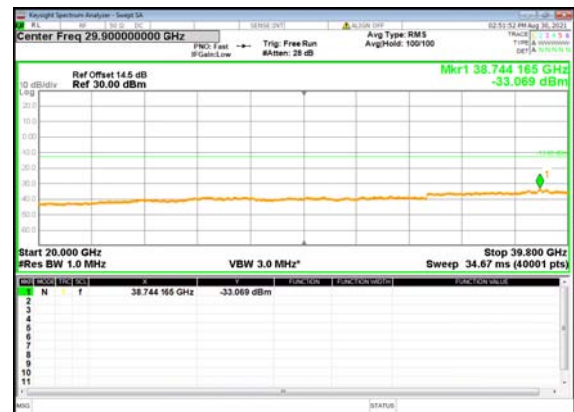
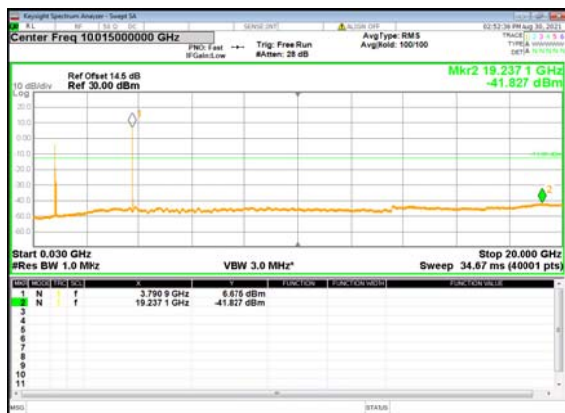


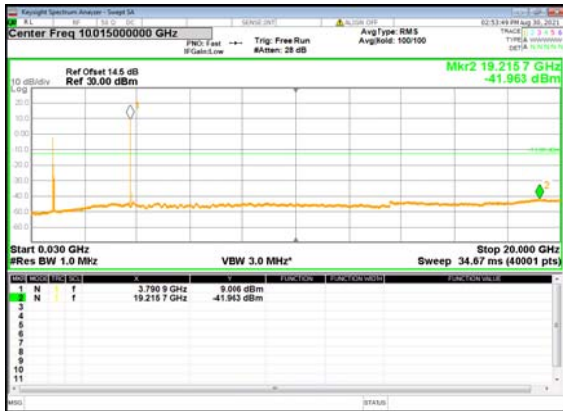
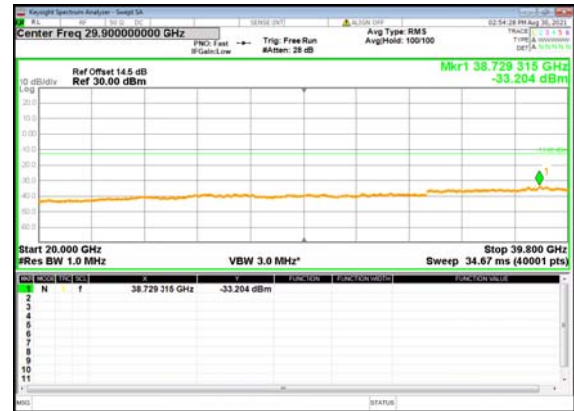
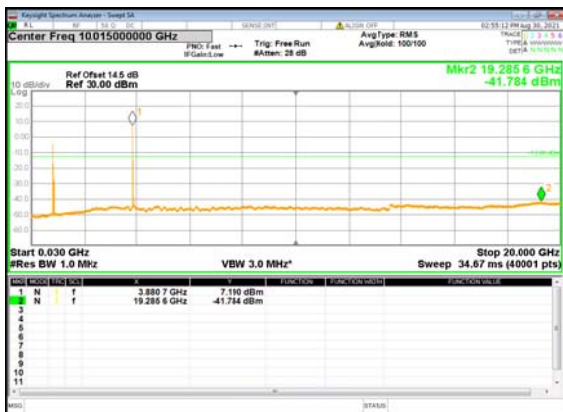
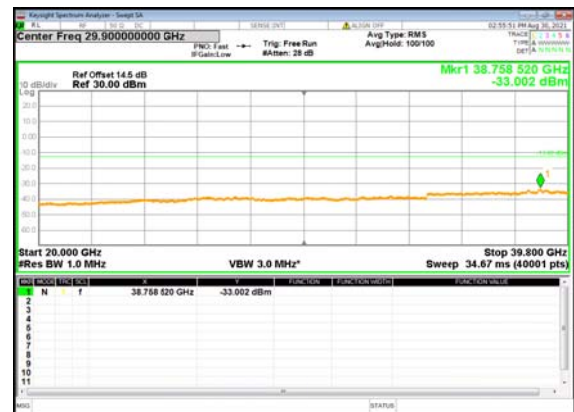
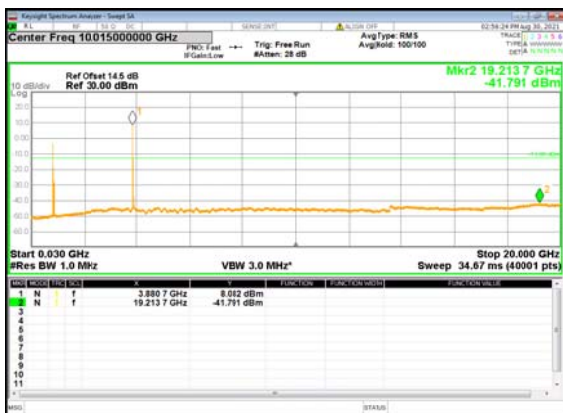
B5_N77(80M)_DFT-s-OFDM_BPSK_Edge_1R
B_Left_Low_CH

B5_N77(80M)_DFT-s-OFDM_BPSK_Edge_1R
B_Left_Low_CH

B5_N77(80M)_DFT-s-OFDM_QPSK_Edge_1R
B_Left_Low_CH

B5_N77(80M)_DFT-s-OFDM_QPSK_Edge_1R
B_Left_Low_CH

B5_N77(80M)_DFT-s-OFDM_BPSK_Edge_1R
B_Left_Mid_CH

B5_N77(80M)_DFT-s-OFDM_BPSK_Edge_1R
B_Left_Mid_CH


B5_N77(80M)_DFT-s-OFDM_QPSK_Edge_1R
B_Left_Mid_CH

B5_N77(80M)_DFT-s-OFDM_QPSK_Edge_1R
B_Left_Mid_CH

B5_N77(80M)_DFT-s-OFDM_BPSK_Edge_1R
B_Left_High_CH

B5_N77(80M)_DFT-s-OFDM_BPSK_Edge_1R
B_Left_High_CH

B5_N77(80M)_DFT-s-OFDM_QPSK_Edge_1R
B_Left_High_CH

B5_N77(80M)_DFT-s-OFDM_QPSK_Edge_1R
B_Left_High_CH


B5_N77(100M)_DFT-s-OFDM_BPSK_Edge_1
RB_Left_Low_CH

B5_N77(100M)_DFT-s-OFDM_BPSK_Edge_1
RB_Left_Low_CH

B5_N77(100M)_DFT-s-OFDM_QPSK_Edge_1
RB_Left_Low_CH

B5_N77(100M)_DFT-s-OFDM_QPSK_Edge_1
RB_Left_Low_CH

B5_N77(100M)_DFT-s-OFDM_BPSK_Edge_1
RB_Left_Mid_CH

B5_N77(100M)_DFT-s-OFDM_BPSK_Edge_1
RB_Left_Mid_CH


B5_N77(100M)_DFT-s-OFDM_QPSK_Edge_1
RB_Left_Mid_CHB5_N77(100M)_DFT-s-OFDM_QPSK_Edge_1
RB_Left_Mid_CHB5_N77(100M)_DFT-s-OFDM_BPSK_Edge_1
RB_Left_High_CHB5_N77(100M)_DFT-s-OFDM_BPSK_Edge_1
RB_Left_High_CHB5_N77(100M)_DFT-s-OFDM_QPSK_Edge_1
RB_Left_High_CHB5_N77(100M)_DFT-s-OFDM_QPSK_Edge_1
RB_Left_High_CH



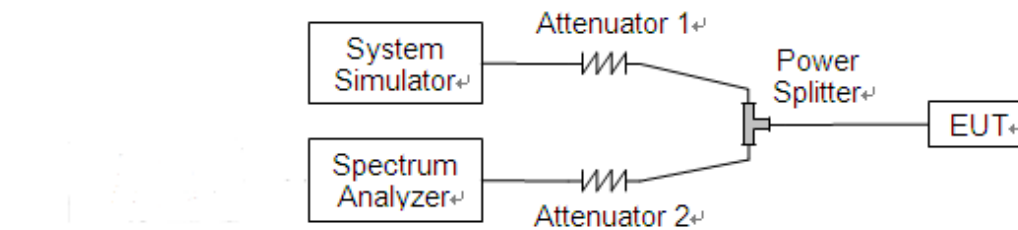
2.6. Band Edge

2.6.1. Requirement

According to FCC section 2.1051 ,section 24.238(a) ,section 22.917(a) ,section 27.53(h) ,section 27.53(l) ,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.



2.6.2. 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 50 Ohm; 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.

2.6.3. Test procedure

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

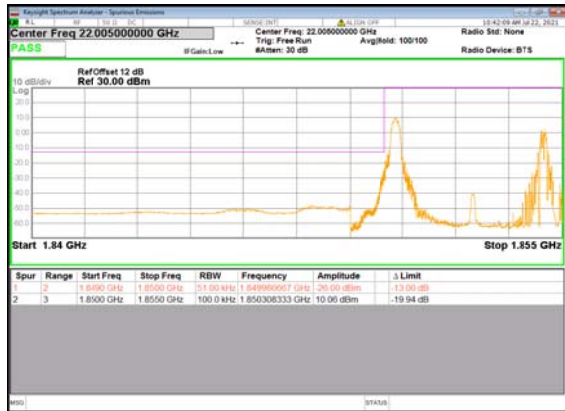
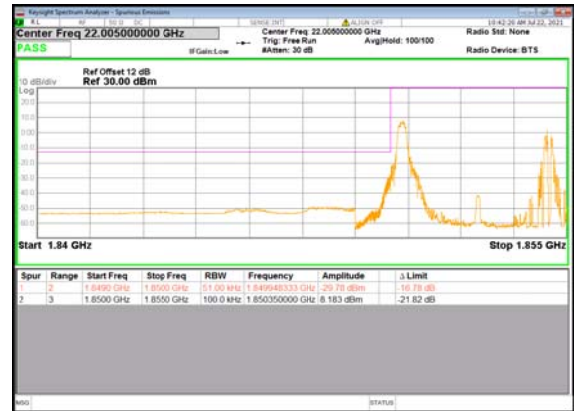
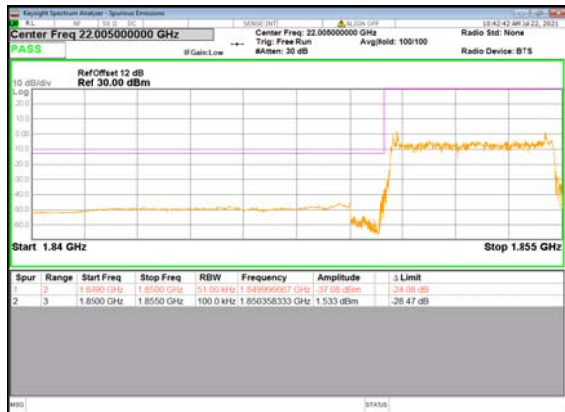
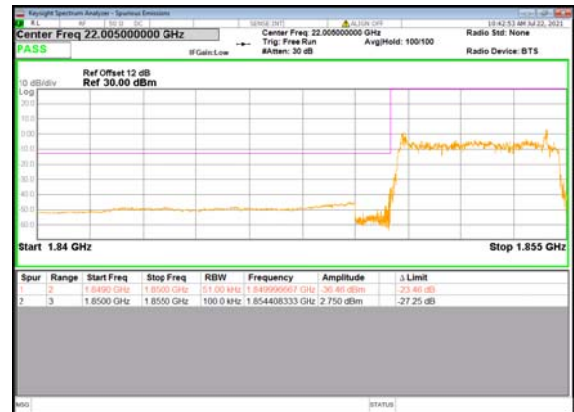
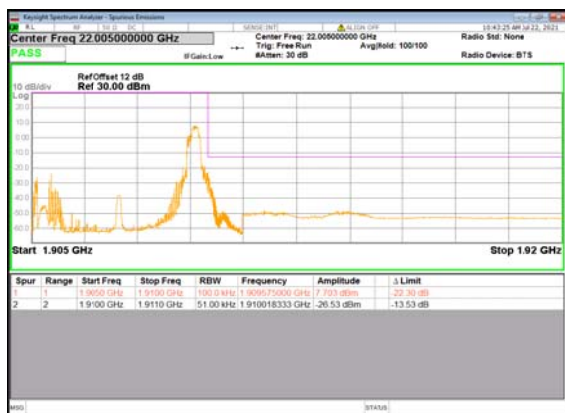
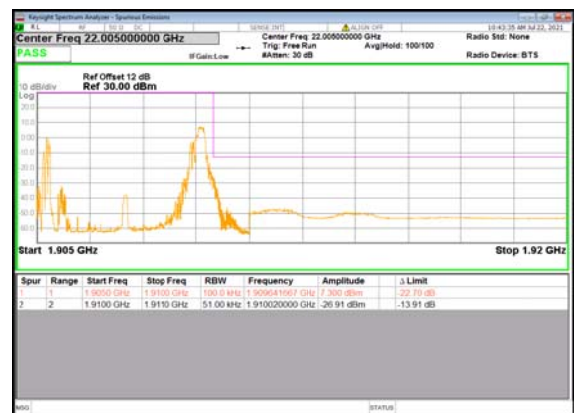


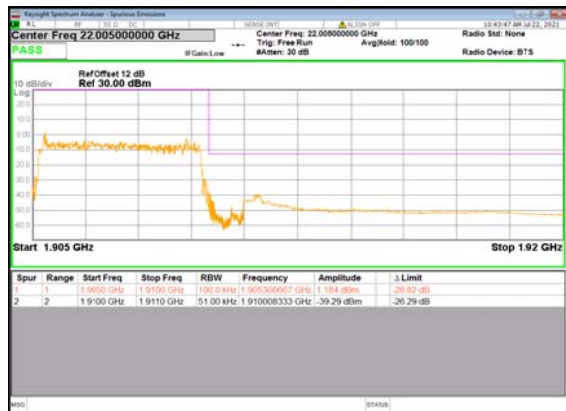
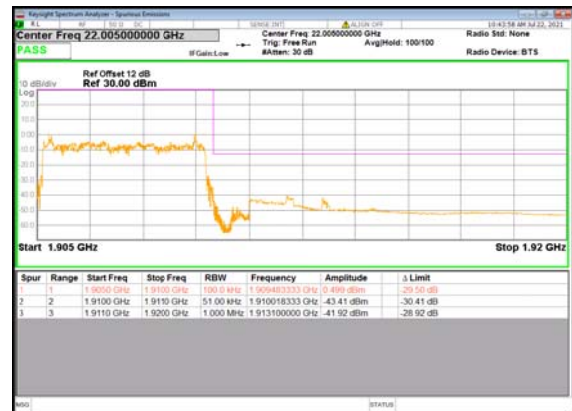
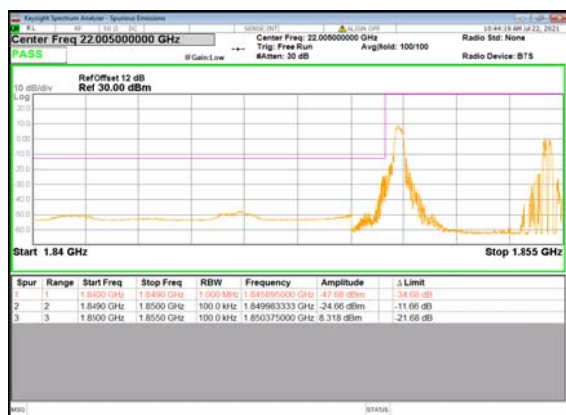
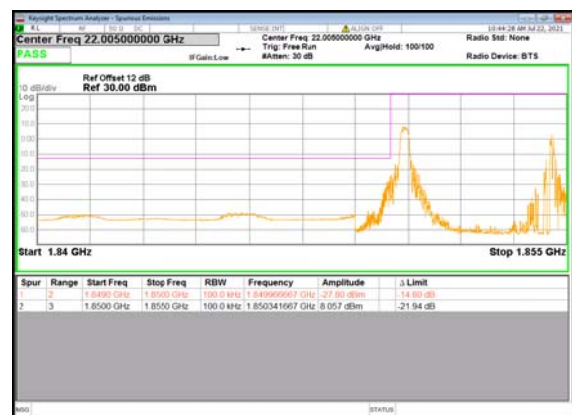
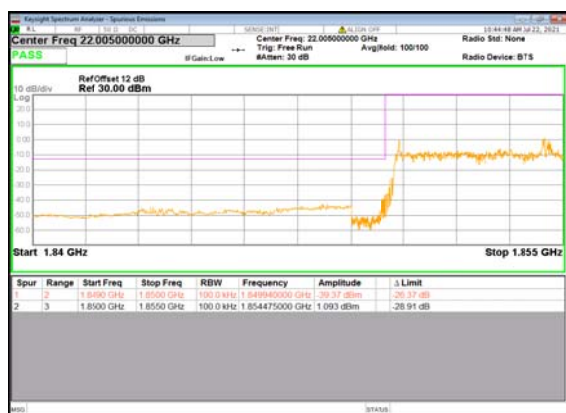
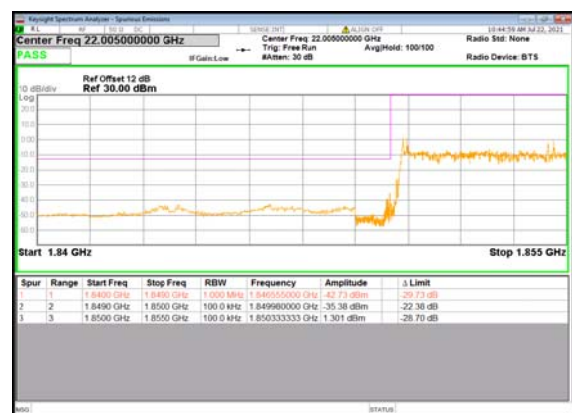
REPORT No.: SZ21030417W11

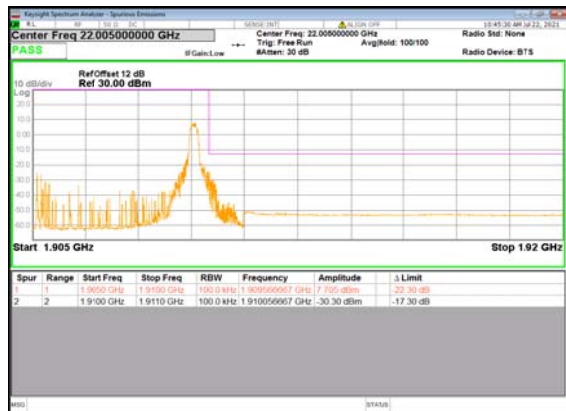
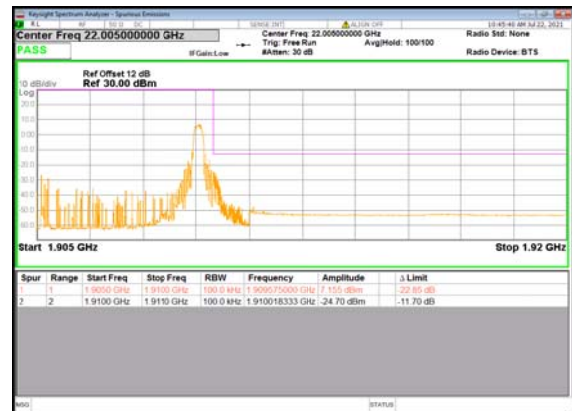
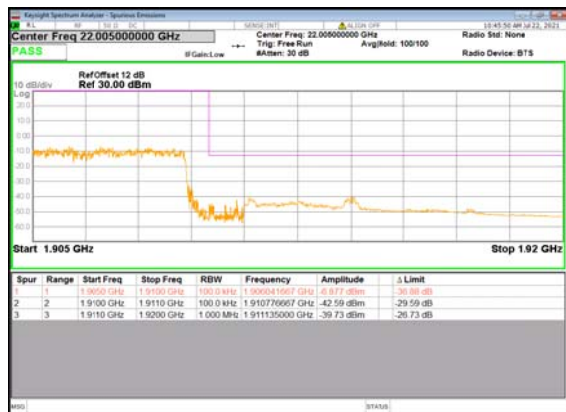
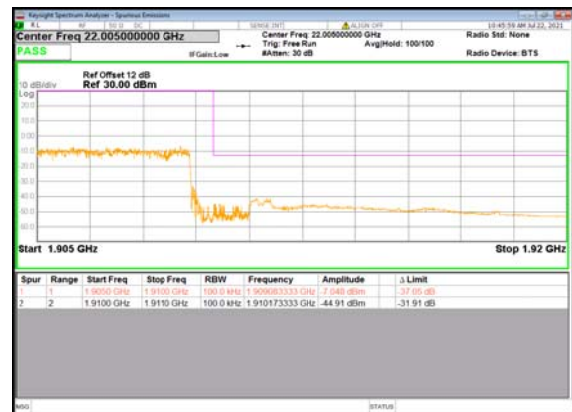
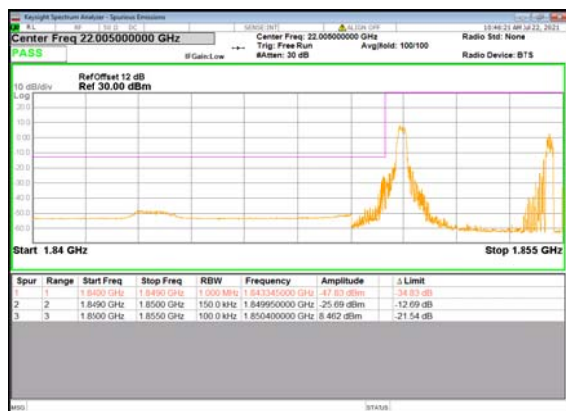
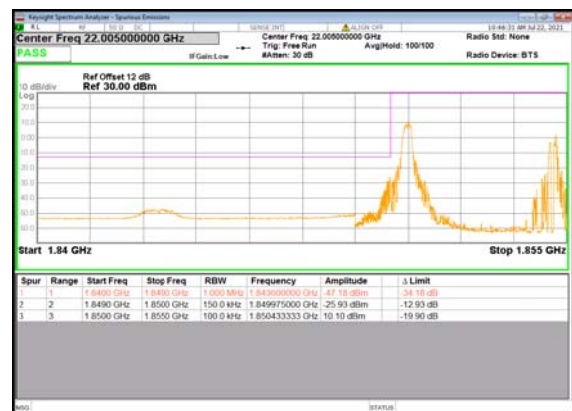
2.6.4. Test Result

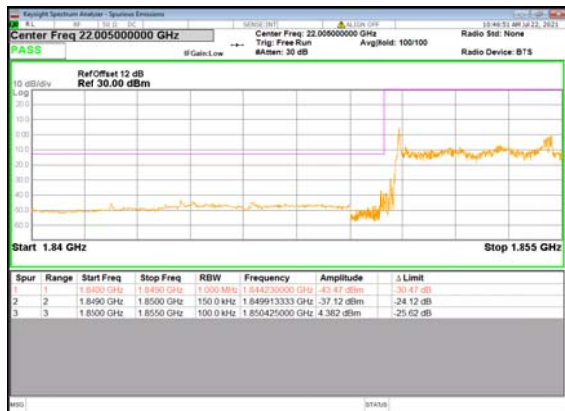
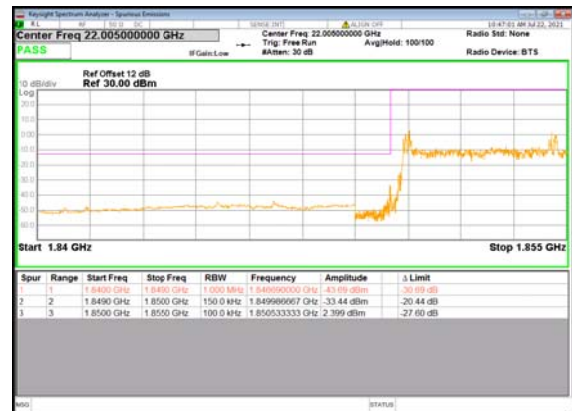
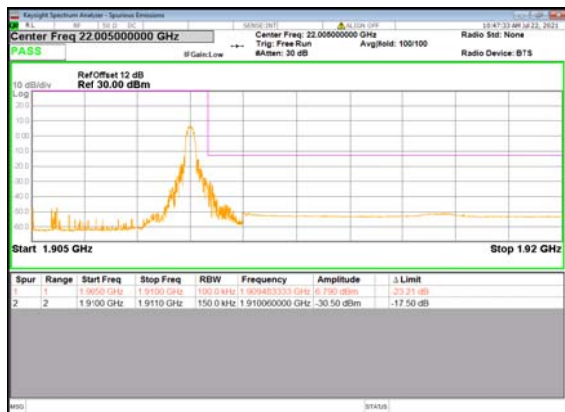
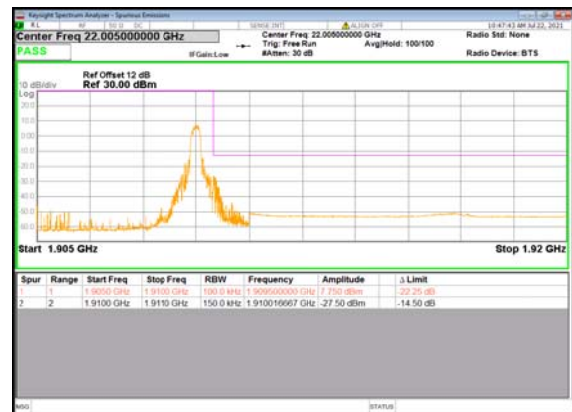
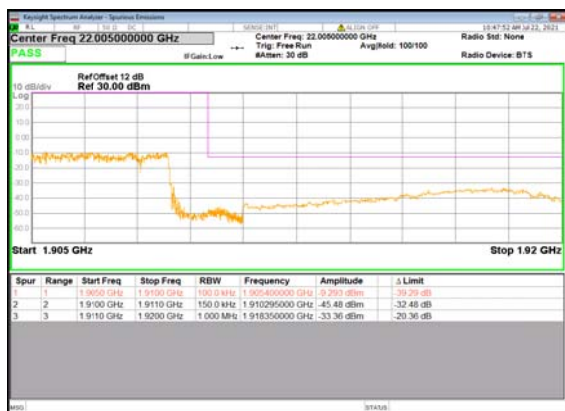
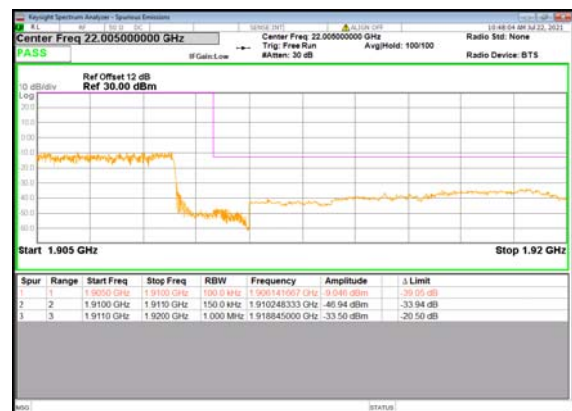
The center frequency of spectrum is the band edge frequency and span is 2MHz, Record the max trace into the test report.

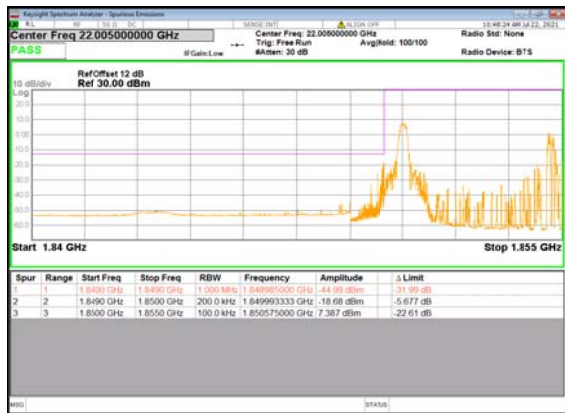
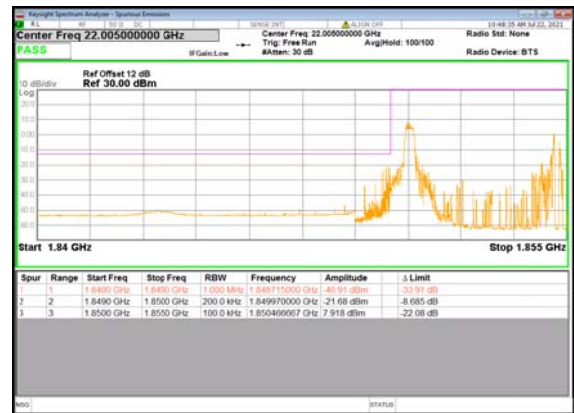
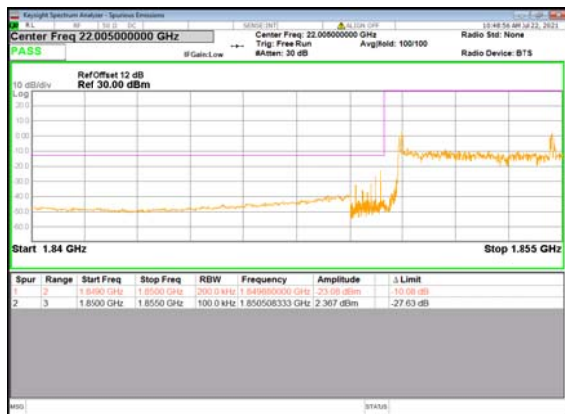
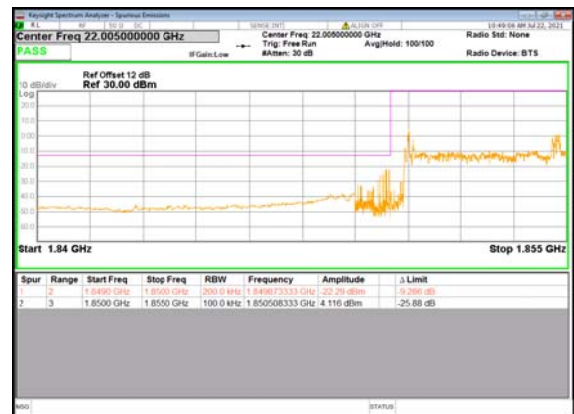
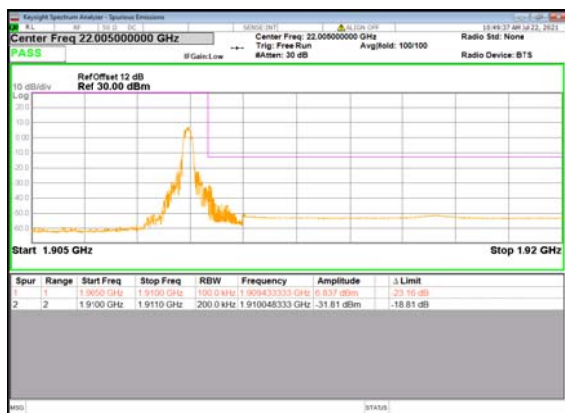
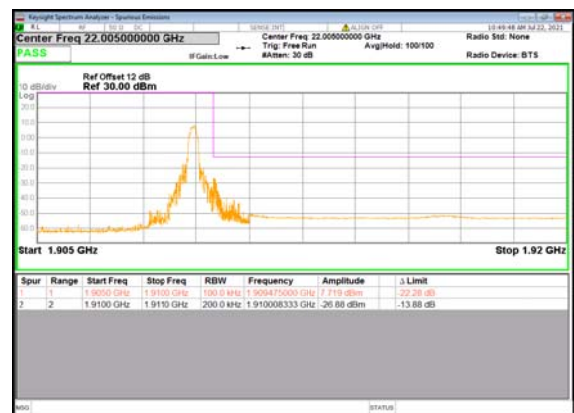


B13_N2(5M)_DFT-s-OFDM_BPSK_Edge_1RB
_Left_Low_CH

B13_N2(5M)_DFT-s-OFDM_QPSK_Edge_1RB
_Left_Low_CH

B13_N2(5M)_DFT-s-OFDM_BPSK_Outer_Full
_Low_CH

B13_N2(5M)_DFT-s-OFDM_QPSK_Outer_Full
_Low_CH

B13_N2(5M)_DFT-s-OFDM_BPSK_Edge_1RB
_Right_High_CH

B13_N2(5M)_DFT-s-OFDM_QPSK_Edge_1RB
_Right_High_CH


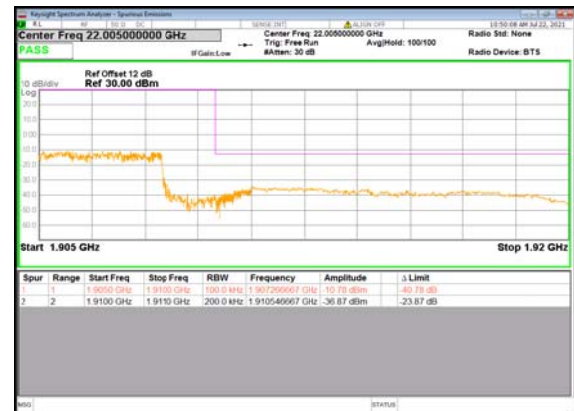
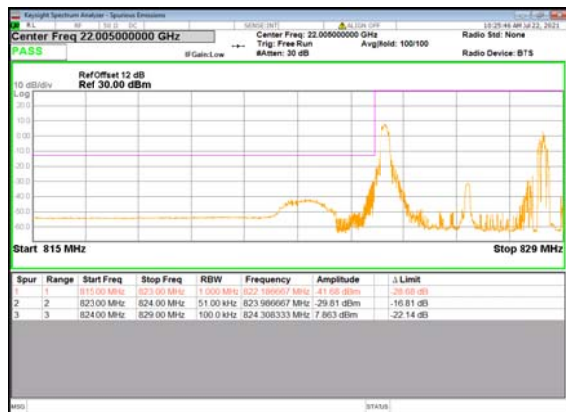
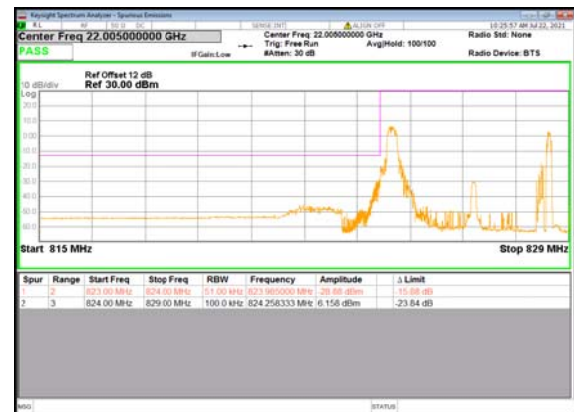
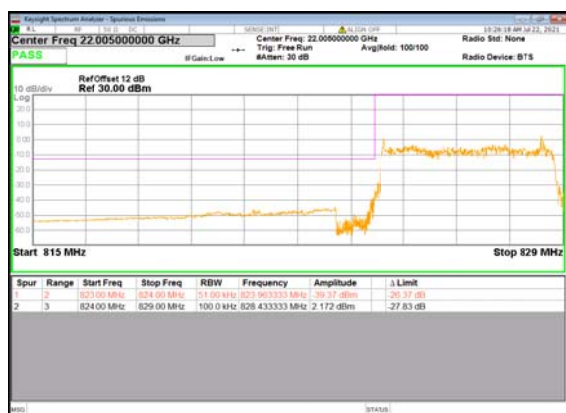
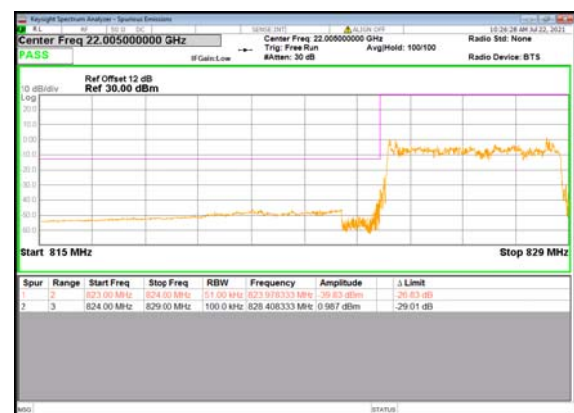
B13_N2(5M)_DFT-s-OFDM_BPSK_Outer_Full
_High_CHB13_N2(5M)_DFT-s-OFDM_QPSK_Outer_Full
_High_CHB13_N2(10M)_DFT-s-OFDM_BPSK_Edge_1R
B_Left_Low_CHB13_N2(10M)_DFT-s-OFDM_QPSK_Edge_1R
B_Left_Low_CHB13_N2(10M)_DFT-s-OFDM_BPSK_Outer_Ful
I_Low_CHB13_N2(10M)_DFT-s-OFDM_QPSK_Outer_Ful
I_Low_CH

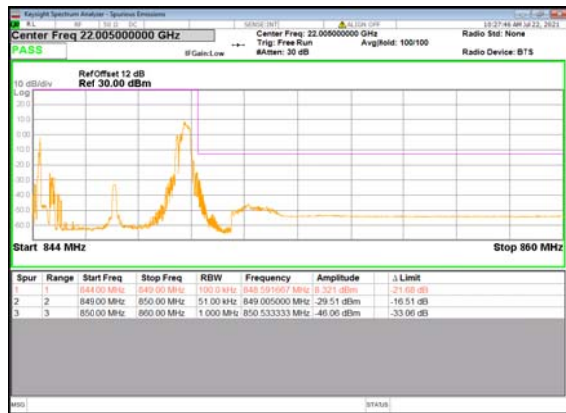
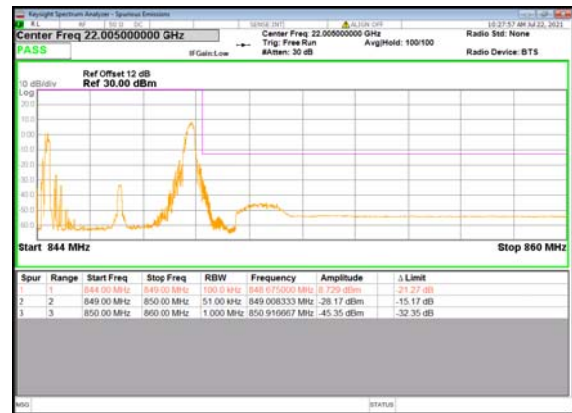
B13_N2(10M)_DFT-s-OFDM_BPSK_Edge_1R
B_Right_High_CH

B13_N2(10M)_DFT-s-OFDM_QPSK_Edge_1R
B_Right_High_CH

B13_N2(10M)_DFT-s-OFDM_BPSK_Outer_Ful
I_High_CH

B13_N2(10M)_DFT-s-OFDM_QPSK_Outer_Ful
I_High_CH

B13_N2(15M)_DFT-s-OFDM_BPSK_Edge_1R
B_Left_Low_CH

B13_N2(15M)_DFT-s-OFDM_QPSK_Edge_1R
B_Left_Low_CH


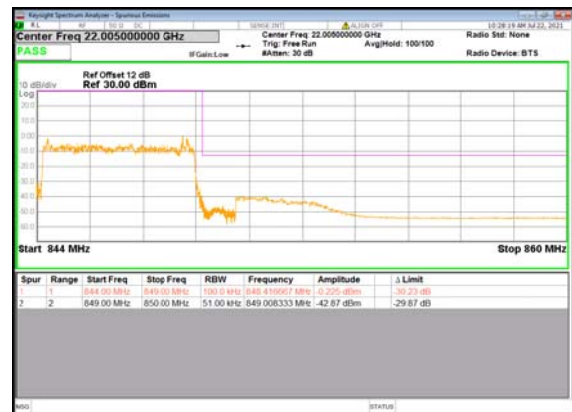
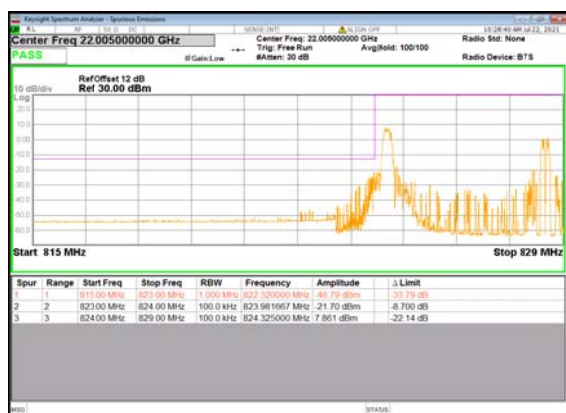
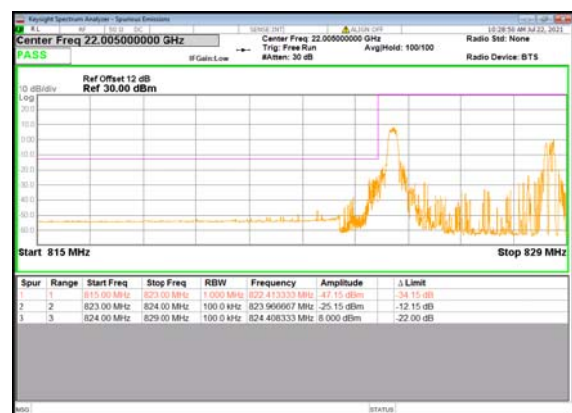
B13_N2(15M)_DFT-s-OFDM_BPSK_Outer_Ful
I_Low_CHB13_N2(15M)_DFT-s-OFDM_QPSK_Outer_Ful
I_Low_CHB13_N2(15M)_DFT-s-OFDM_BPSK_Edge_1R
B_Right_High_CHB13_N2(15M)_DFT-s-OFDM_QPSK_Edge_1R
B_Right_High_CHB13_N2(15M)_DFT-s-OFDM_BPSK_Outer_Ful
I_High_CHB13_N2(15M)_DFT-s-OFDM_QPSK_Outer_Ful
I_High_CH

B13_N2(20M)_DFT-s-OFDM_BPSK_Edge_1R
B_Left_Low_CH

B13_N2(20M)_DFT-s-OFDM_QPSK_Edge_1R
B_Left_Low_CH

B13_N2(20M)_DFT-s-OFDM_BPSK_Outer_Ful
I_Low_CH

B13_N2(20M)_DFT-s-OFDM_QPSK_Outer_Ful
I_Low_CH

B13_N2(20M)_DFT-s-OFDM_BPSK_Edge_1R
B_Right_High_CH

B13_N2(20M)_DFT-s-OFDM_QPSK_Edge_1R
B_Right_High_CH


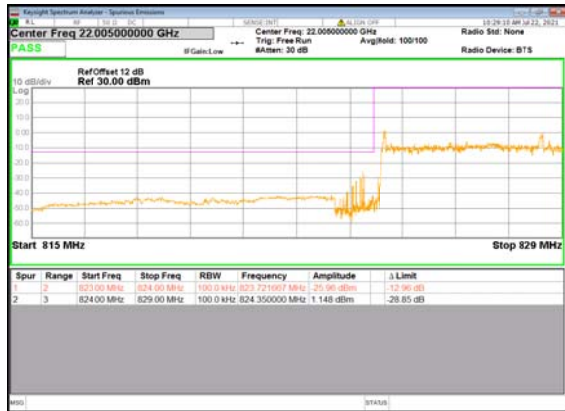
B13_N2(20M)_DFT-s-OFDM_BPSK_Outer_Ful
I_High_CH

B13_N2(20M)_DFT-s-OFDM_QPSK_Outer_Ful
I_High_CH

B2_N5(5M)_DFT-s-OFDM_BPSK_Edge_1RB_
Left_Low_CH

B2_N5(5M)_DFT-s-OFDM_QPSK_Edge_1RB_
Left_Low_CH

B2_N5(5M)_DFT-s-OFDM_BPSK_Outer_Full_
Low_CH

B2_N5(5M)_DFT-s-OFDM_QPSK_Outer_Full_
Low_CH


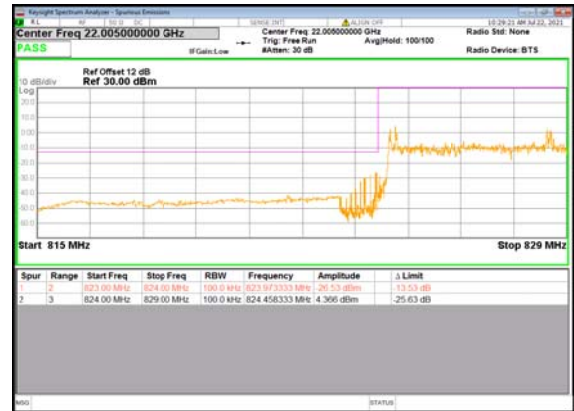
B2_N5(5M)_DFT-s-OFDM_BPSK_Edge_1RB_
Right_High_CH

B2_N5(5M)_DFT-s-OFDM_QPSK_Edge_1RB_
Right_High_CH

B2_N5(5M)_DFT-s-OFDM_BPSK_Outer_Full_
High_CH

B2_N5(5M)_DFT-s-OFDM_QPSK_Outer_Full_
High_CH

B2_N5(10M)_DFT-s-OFDM_BPSK_Edge_1RB_
_Left_Low_CH

B2_N5(10M)_DFT-s-OFDM_QPSK_Edge_1RB_
_Left_Low_CH


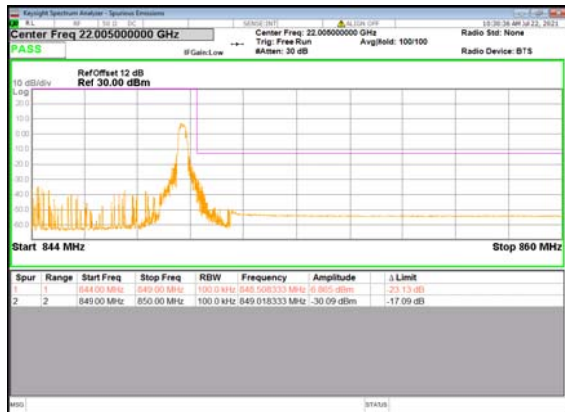
B2_N5(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



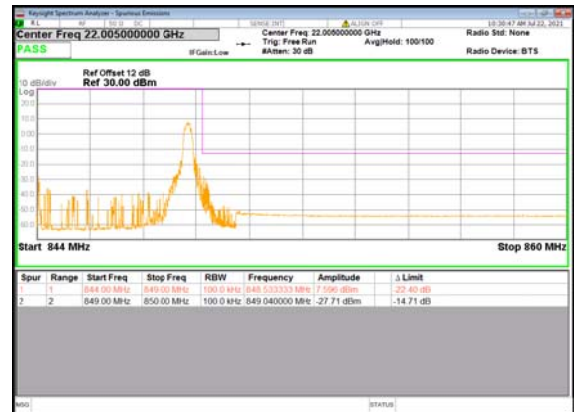
B2_N5(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



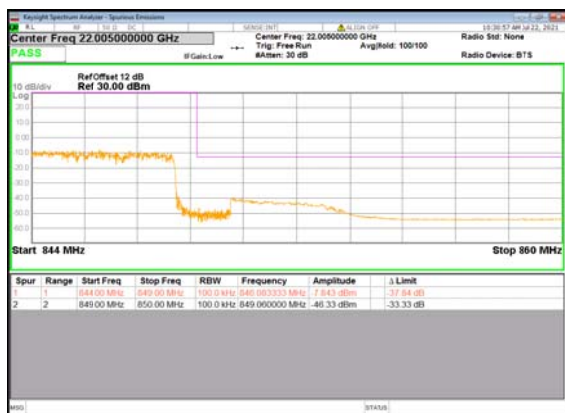
B2_N5(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



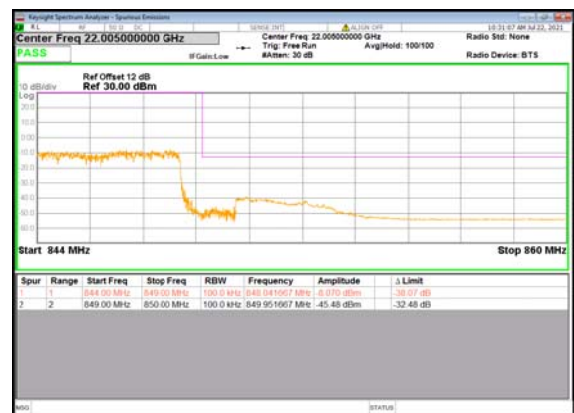
B2_N5(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

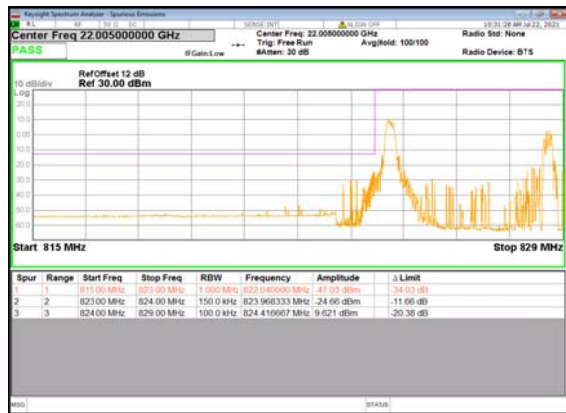
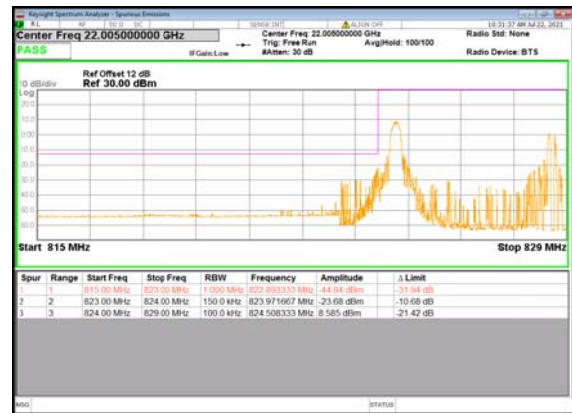
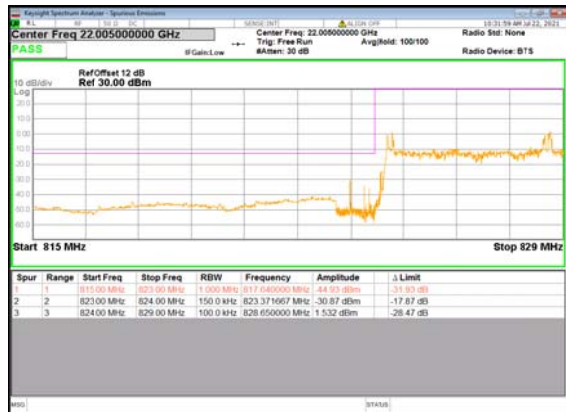
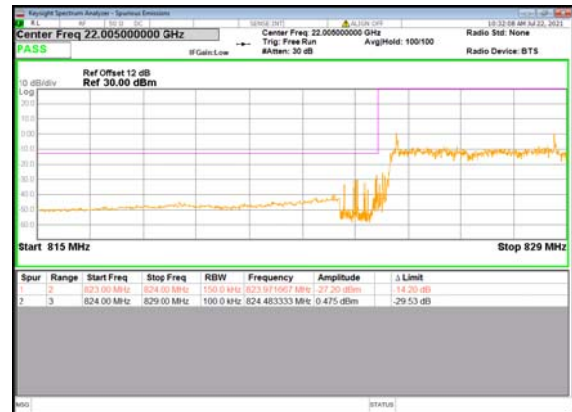
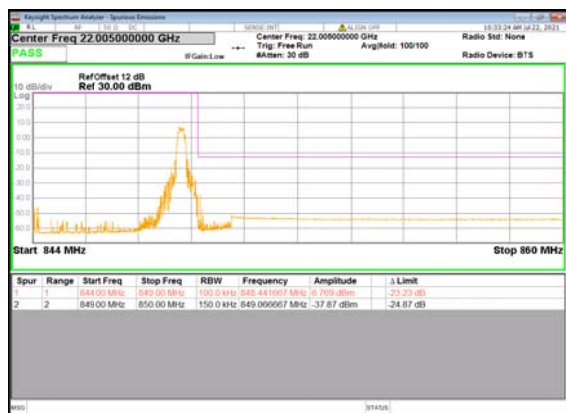
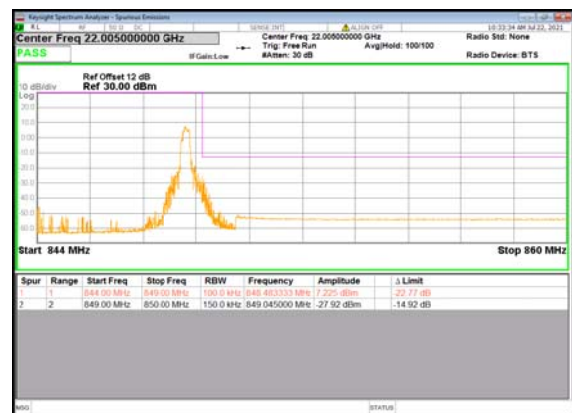


B2_N5(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B2_N5(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

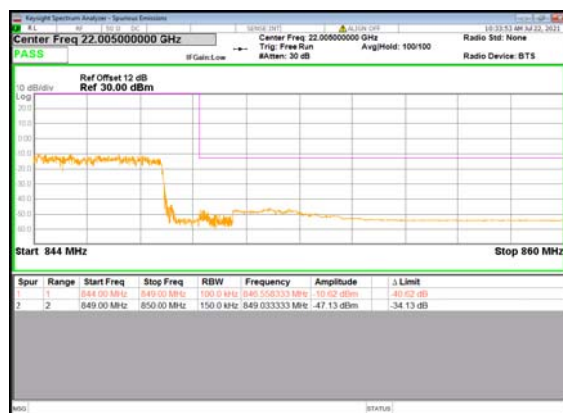


B2_N5(15M)_DFT-s-OFDM_BPSK_Edge_1RB
_Left_Low_CH

B2_N5(15M)_DFT-s-OFDM_QPSK_Edge_1RB
_Left_Low_CH

B2_N5(15M)_DFT-s-OFDM_BPSK_Outer_Full
_Low_CH

B2_N5(15M)_DFT-s-OFDM_QPSK_Outer_Full
_Low_CH

B2_N5(15M)_DFT-s-OFDM_BPSK_Edge_1RB
_Right_High_CH

B2_N5(15M)_DFT-s-OFDM_QPSK_Edge_1RB
_Right_High_CH


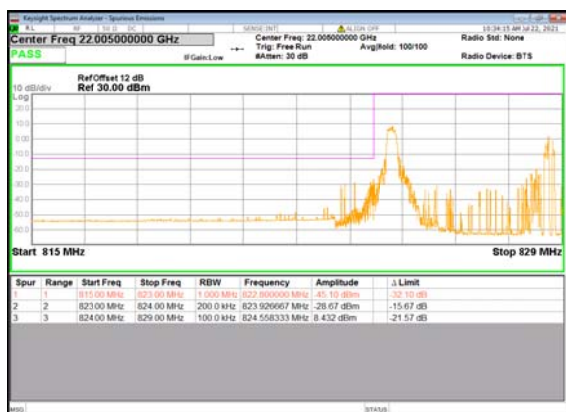
B2_N5(15M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



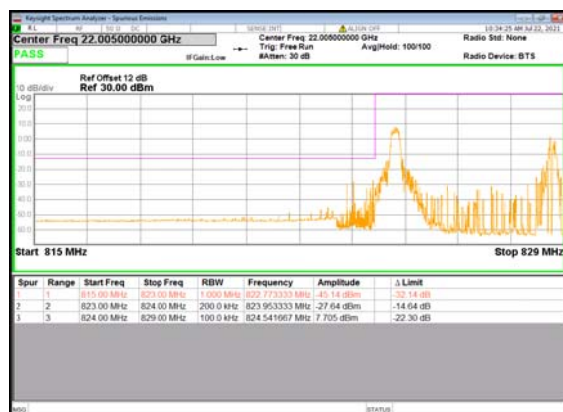
B2_N5(15M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



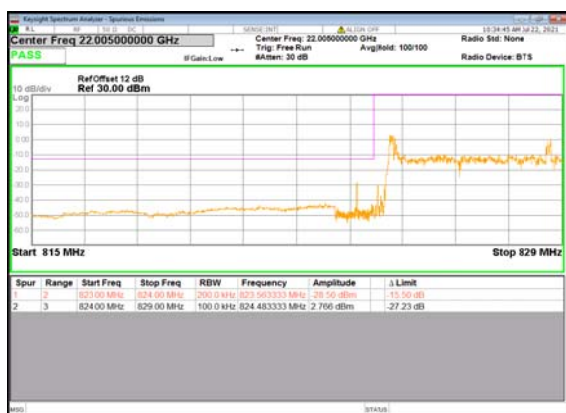
B2_N5(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



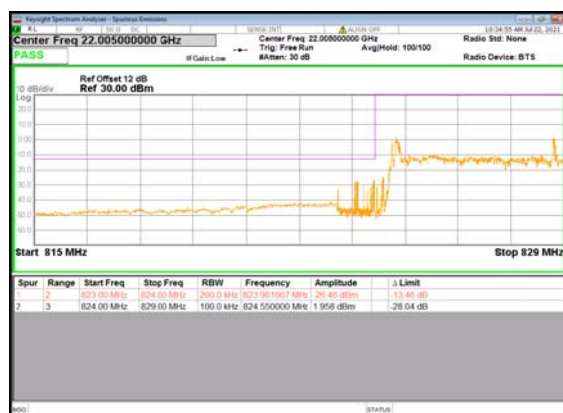
B2_N5(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

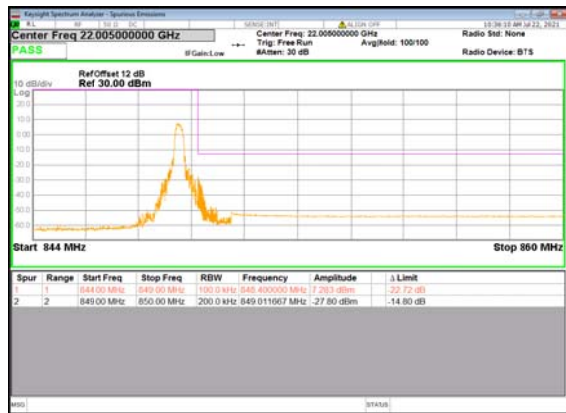
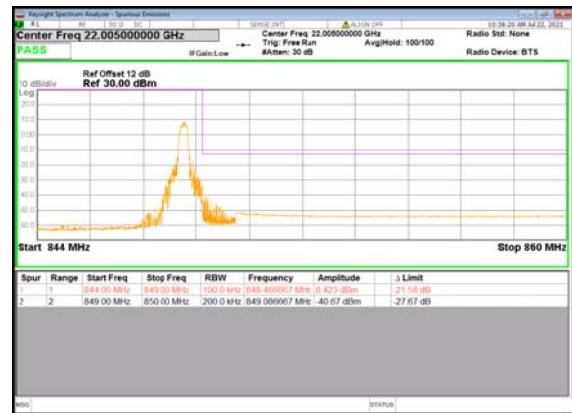
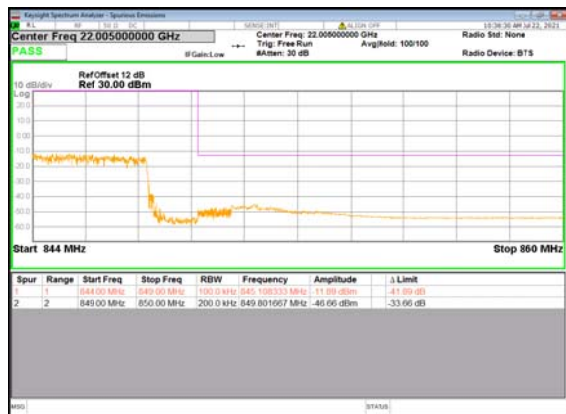
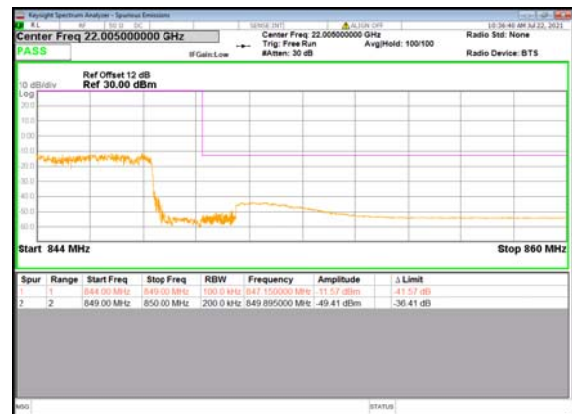
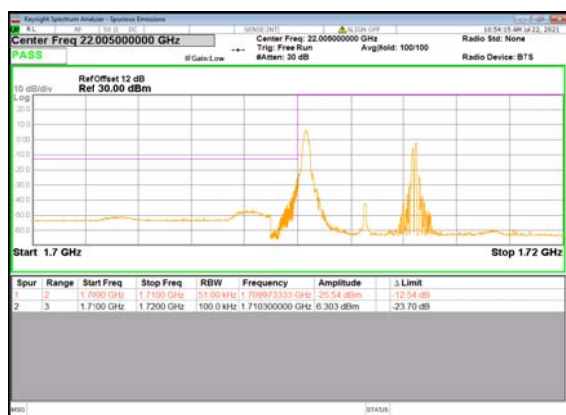
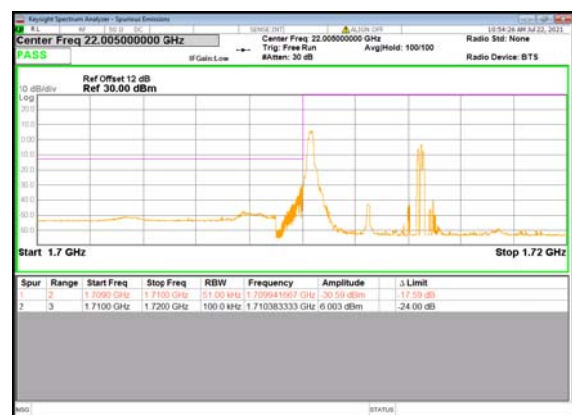


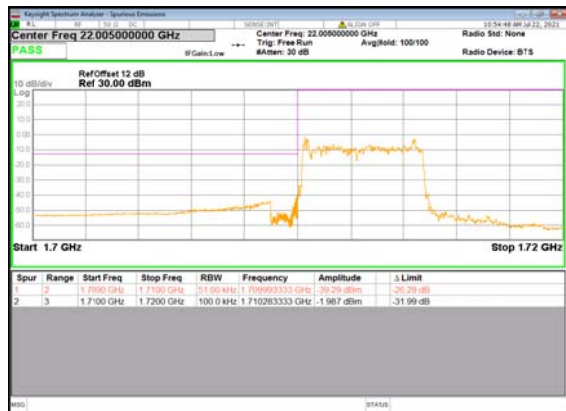
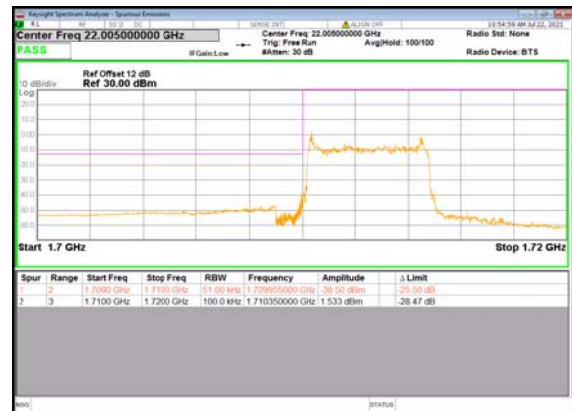
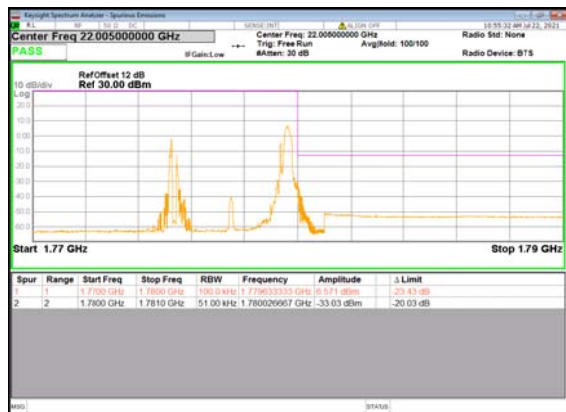
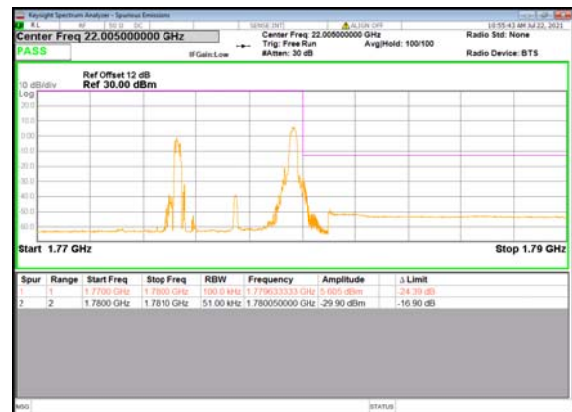
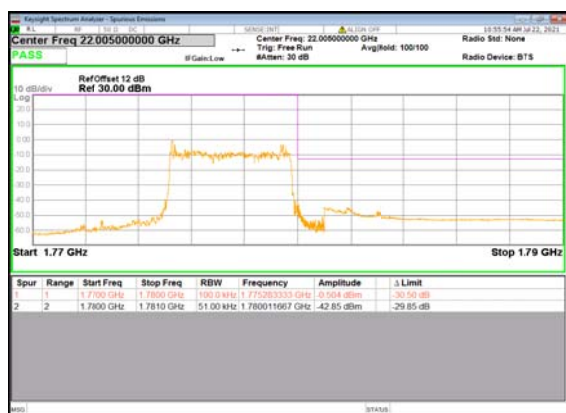
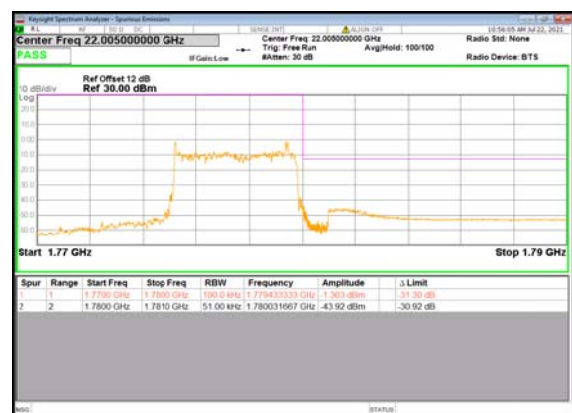
B2_N5(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

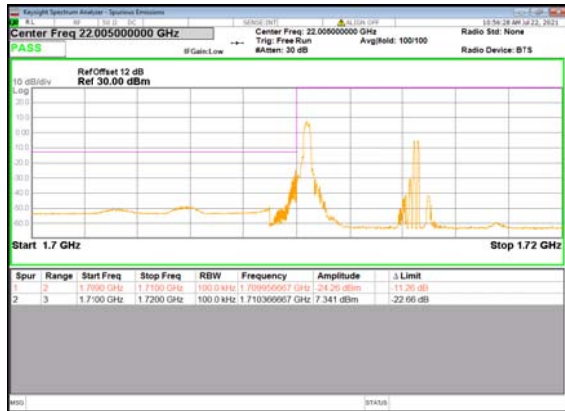
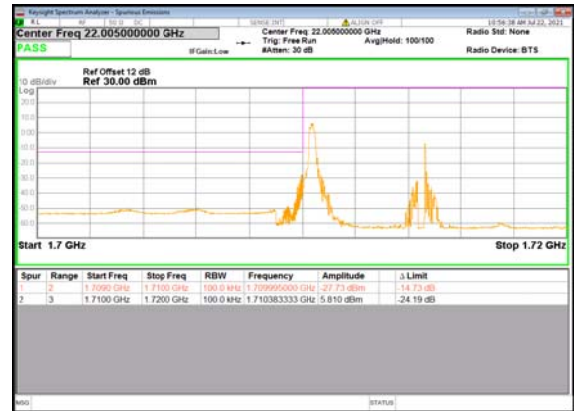
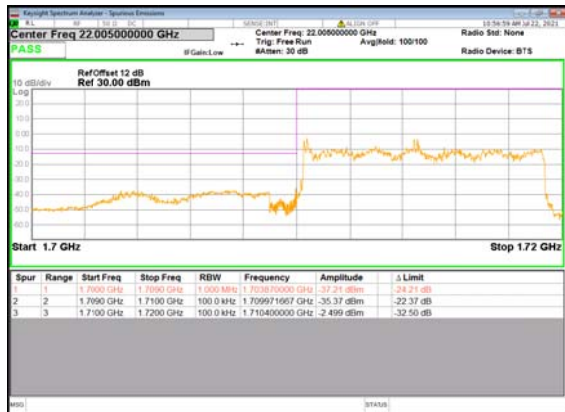
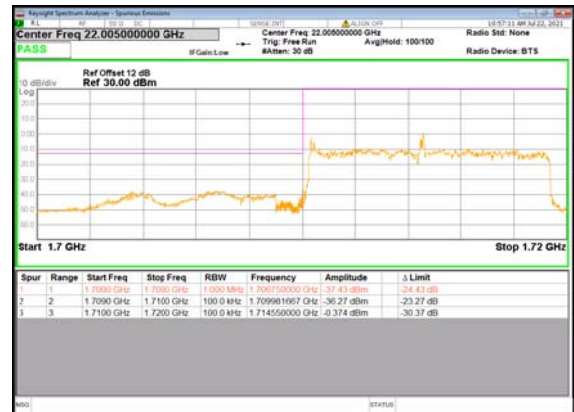
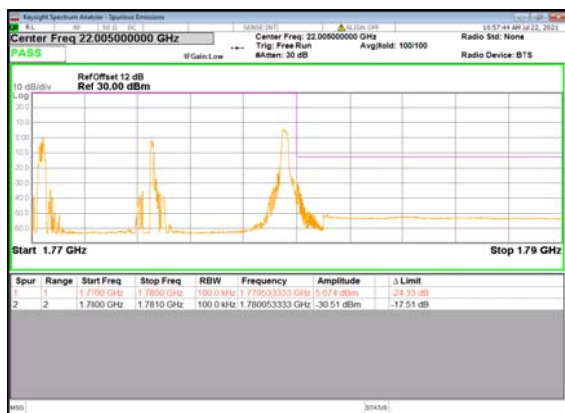
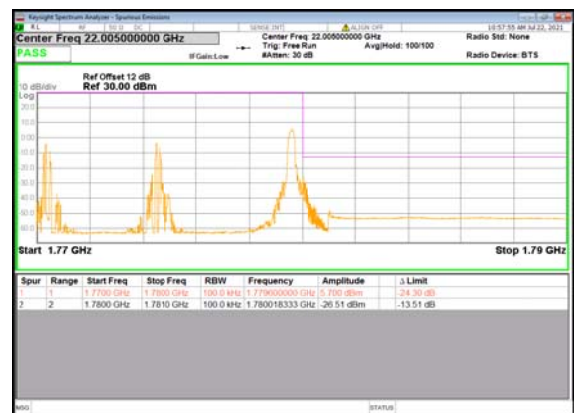


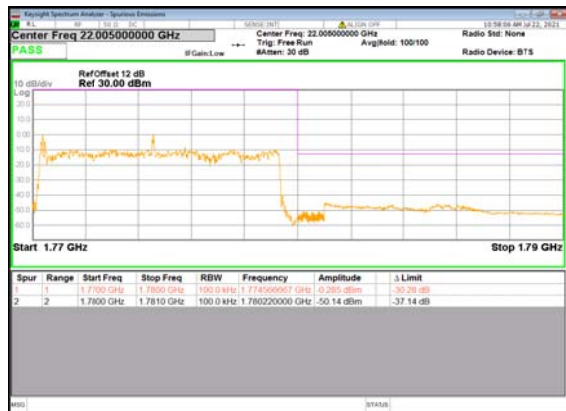
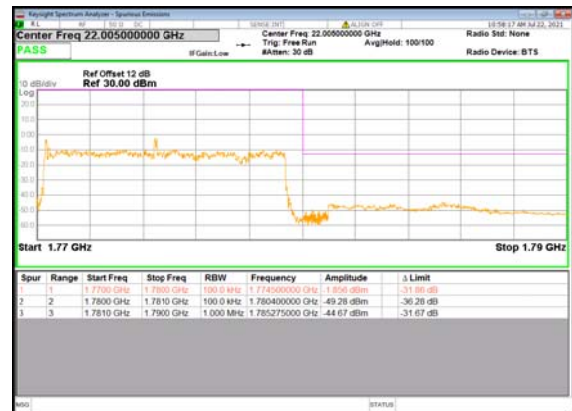
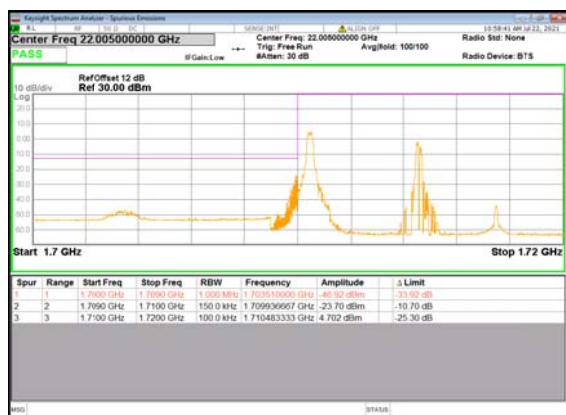
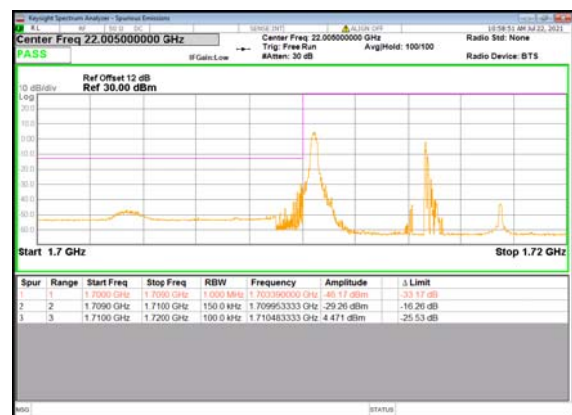
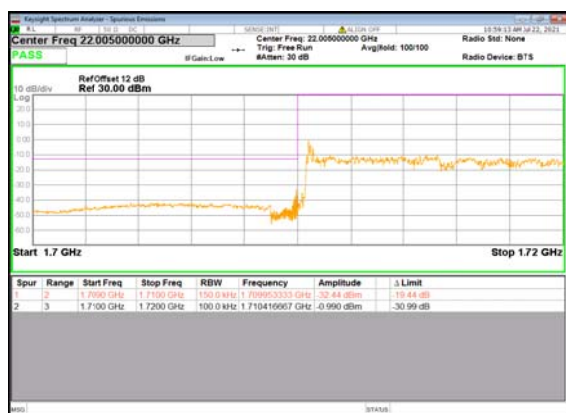
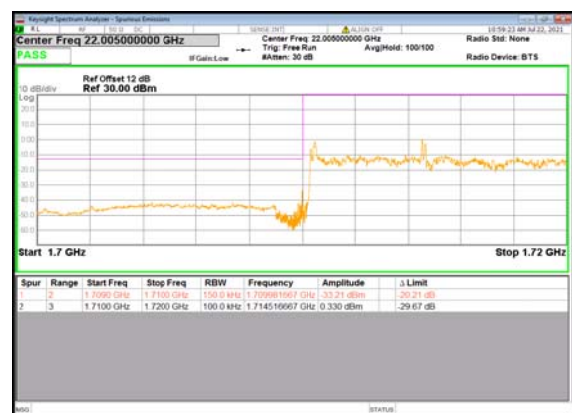
B2_N5(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



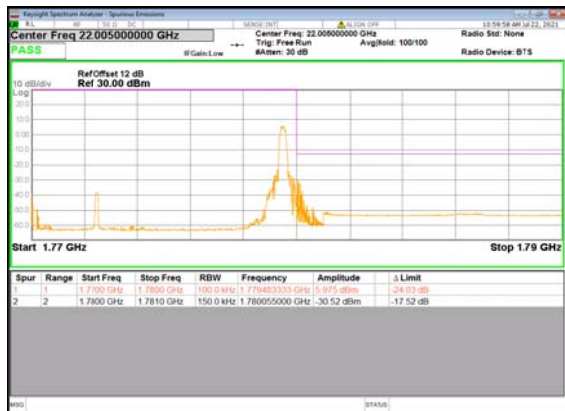
B2_N5(20M)_DFT-s-OFDM_BPSK_Edge_1RB
_Right_High_CH

B2_N5(20M)_DFT-s-OFDM_QPSK_Edge_1RB
_Right_High_CH

B2_N5(20M)_DFT-s-OFDM_BPSK_Outer_Full
_High_CH

B2_N5(20M)_DFT-s-OFDM_QPSK_Outer_Full
_High_CH

B13_N66(5M)_DFT-s-OFDM_BPSK_Edge_1R
B_Left_Low_CH

B13_N66(5M)_DFT-s-OFDM_QPSK_Edge_1R
B_Left_Low_CH


B13_N66(5M)_DFT-s-OFDM_BPSK_Outer_Ful
I_Low_CH

B13_N66(5M)_DFT-s-OFDM_QPSK_Outer_Ful
I_Low_CH

B13_N66(5M)_DFT-s-OFDM_BPSK_Edge_1R
B_Right_High_CH

B13_N66(5M)_DFT-s-OFDM_QPSK_Edge_1R
B_Right_High_CH

B13_N66(5M)_DFT-s-OFDM_BPSK_Outer_Ful
I_High_CH

B13_N66(5M)_DFT-s-OFDM_QPSK_Outer_Ful
I_High_CH


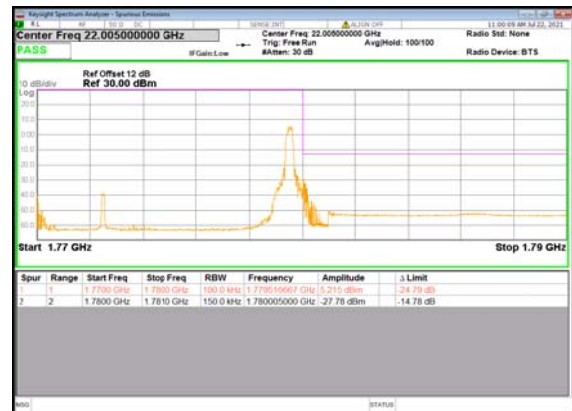
B13_N66(10M)_DFT-s-OFDM_BPSK_Edge_1
RB_Left_Low_CH

B13_N66(10M)_DFT-s-OFDM_QPSK_Edge_1
RB_Left_Low_CH

B13_N66(10M)_DFT-s-OFDM_BPSK_Outer_F
ull_Low_CH

B13_N66(10M)_DFT-s-OFDM_QPSK_Outer_F
ull_Low_CH

B13_N66(10M)_DFT-s-OFDM_BPSK_Edge_1
RB_Right_High_CH

B13_N66(10M)_DFT-s-OFDM_QPSK_Edge_1
RB_Right_High_CH


B13_N66(10M)_DFT-s-OFDM_BPSK_Outer_F
ull_High_CH

B13_N66(10M)_DFT-s-OFDM_QPSK_Outer_F
ull_High_CH

B13_N66(15M)_DFT-s-OFDM_BPSK_Edge_1
RB_Left_Low_CH

B13_N66(15M)_DFT-s-OFDM_QPSK_Edge_1
RB_Left_Low_CH

B13_N66(15M)_DFT-s-OFDM_BPSK_Outer_F
ull_Low_CH

B13_N66(15M)_DFT-s-OFDM_QPSK_Outer_F
ull_Low_CH


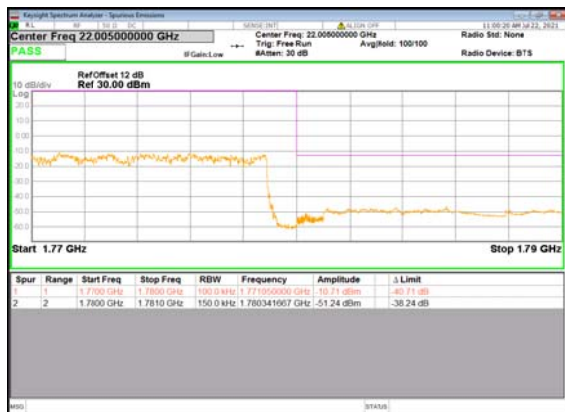
B13_N66(15M)_DFT-s-OFDM_BPSK_Edge_1
RB_Right_High_CH



B13_N66(15M)_DFT-s-OFDM_QPSK_Edge_1
RB_Right_High_CH



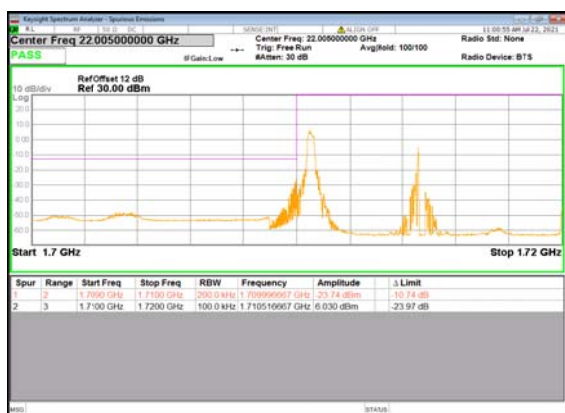
B13_N66(15M)_DFT-s-OFDM_BPSK_Outer_F
ull_High_CH



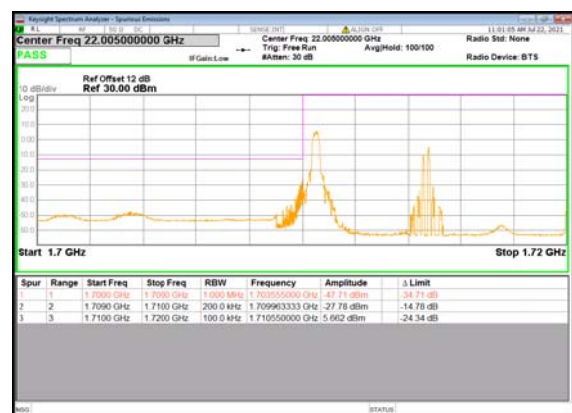
B13_N66(15M)_DFT-s-OFDM_QPSK_Outer_F
ull_High_CH

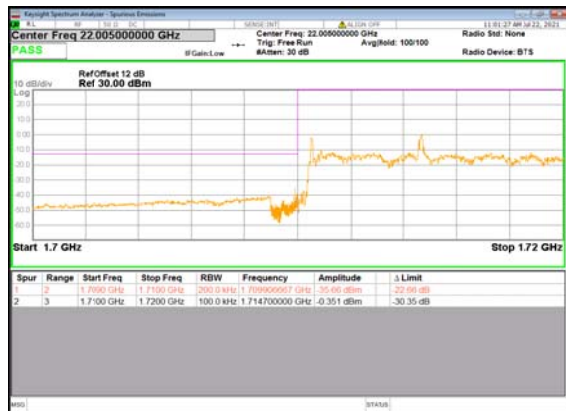
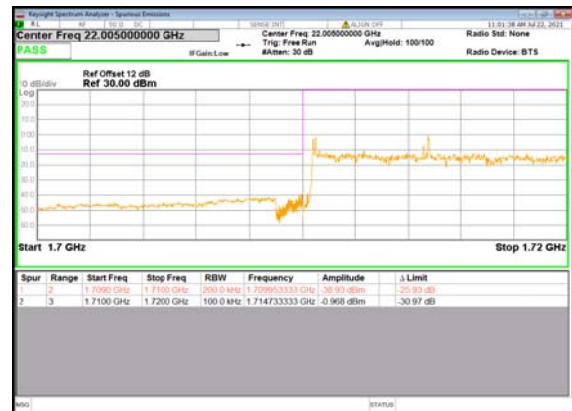
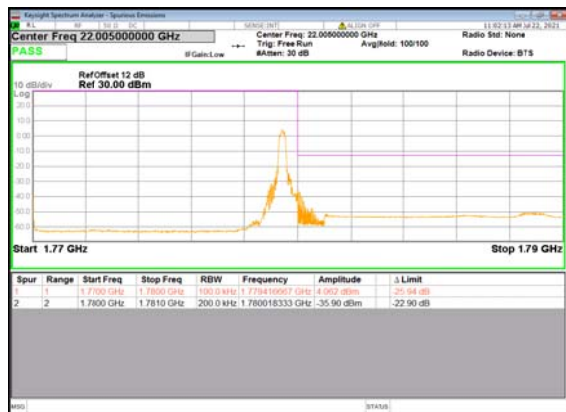
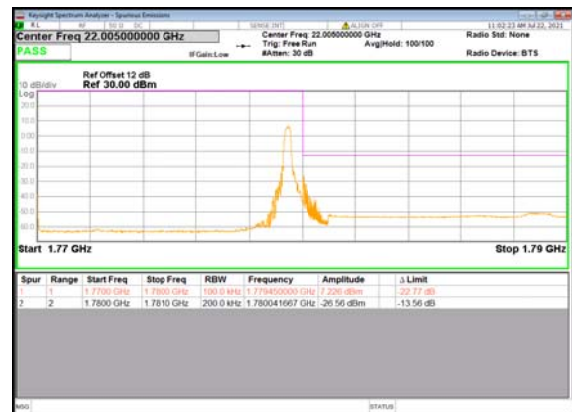
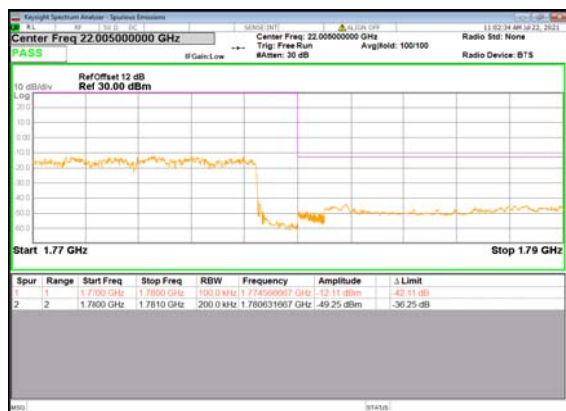
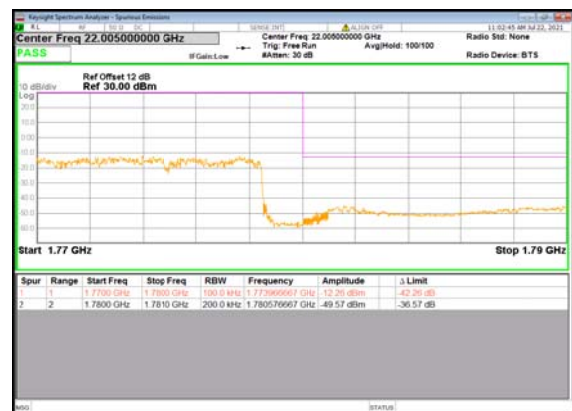


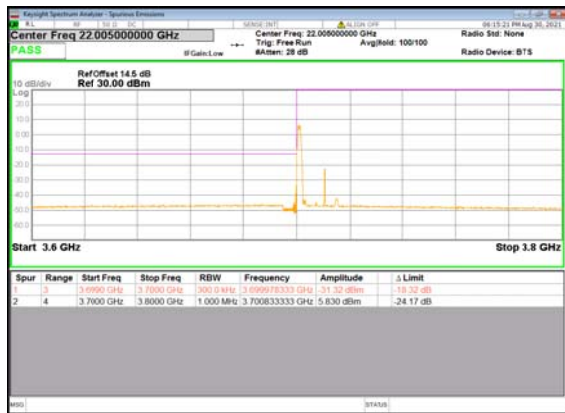
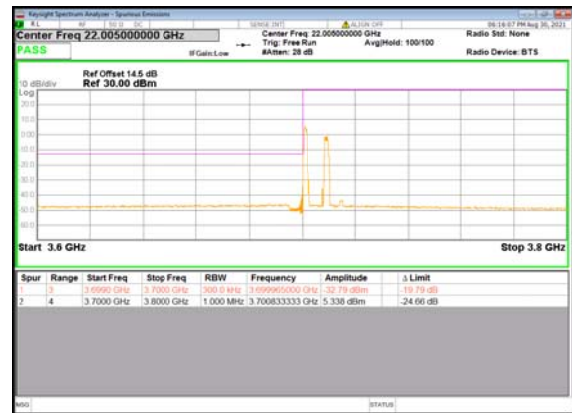
B13_N66(20M)_DFT-s-OFDM_BPSK_Edge_1
RB_Left_Low_CH

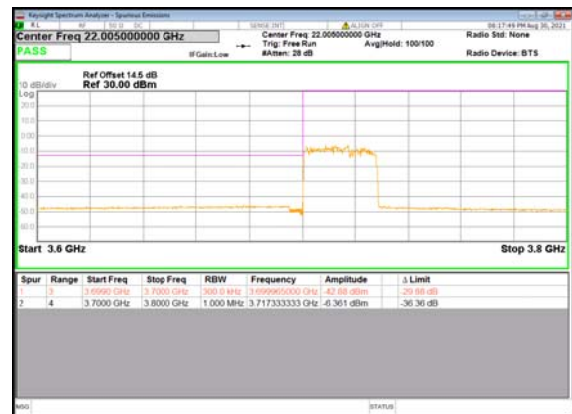
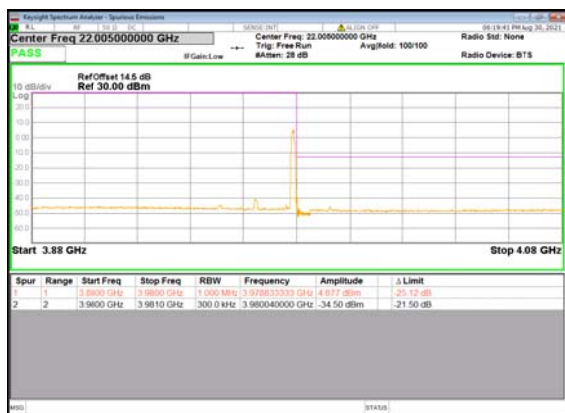
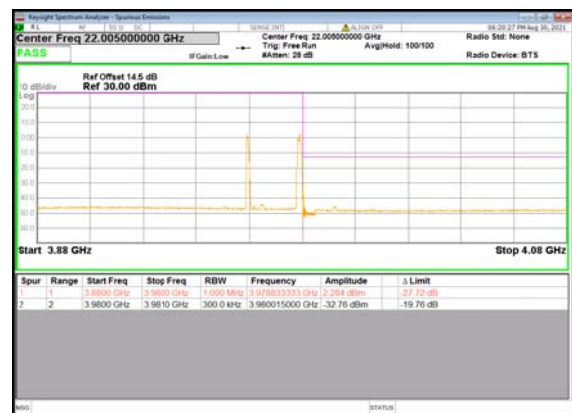


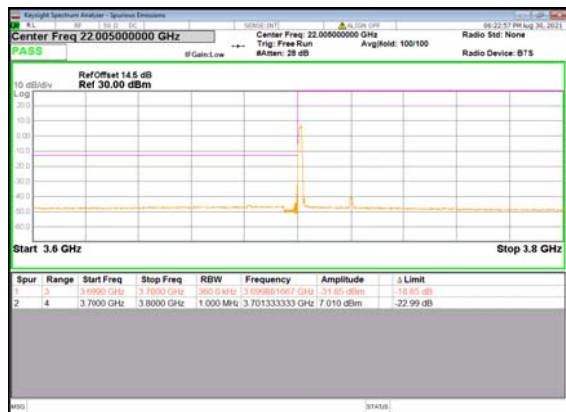
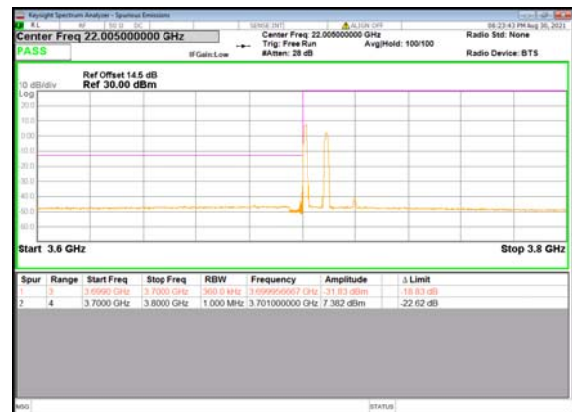
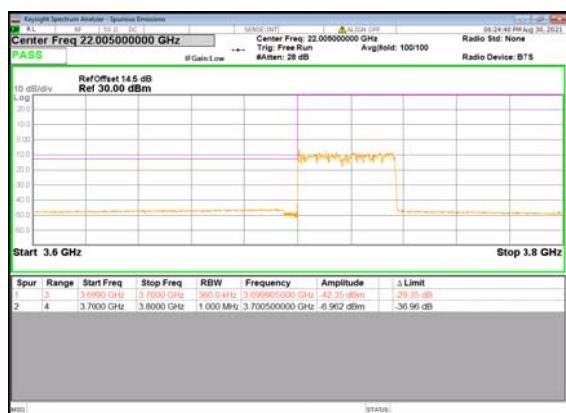
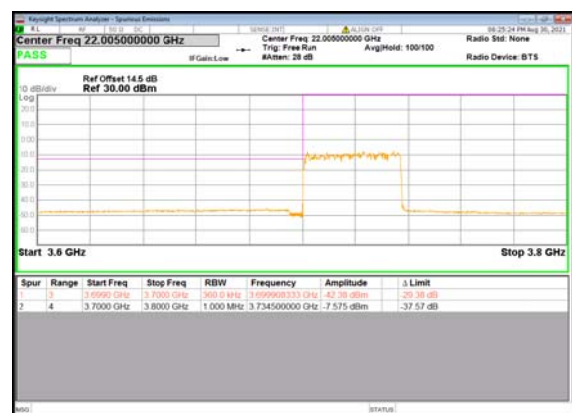
B13_N66(20M)_DFT-s-OFDM_QPSK_Edge_1
RB_Left_Low_CH

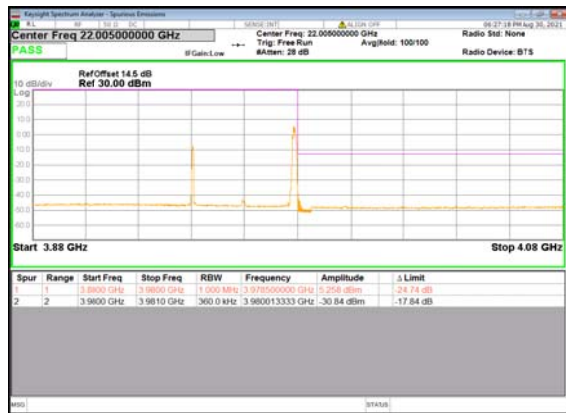
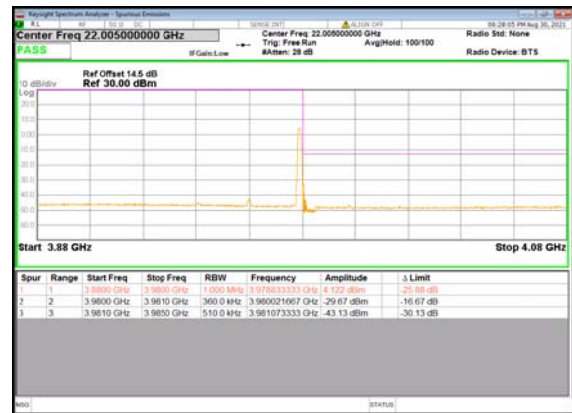


B13_N66(20M)_DFT-s-OFDM_BPSK_Outer_F
ull_Low_CH

B13_N66(20M)_DFT-s-OFDM_QPSK_Outer_F
ull_Low_CH

B13_N66(20M)_DFT-s-OFDM_BPSK_Edge_1
RB_Right_High_CH

B13_N66(20M)_DFT-s-OFDM_QPSK_Edge_1
RB_Right_High_CH

B13_N66(20M)_DFT-s-OFDM_BPSK_Outer_F
ull_High_CH

B13_N66(20M)_DFT-s-OFDM_QPSK_Outer_F
ull_High_CH


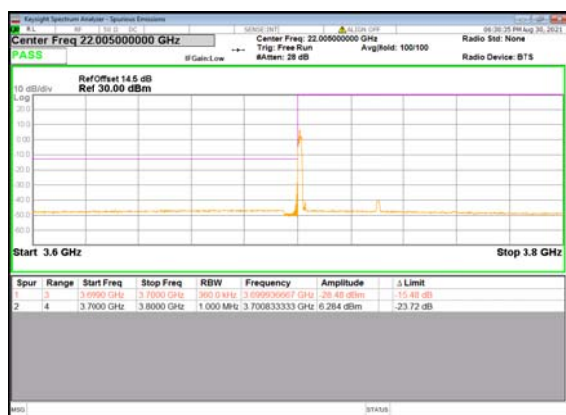
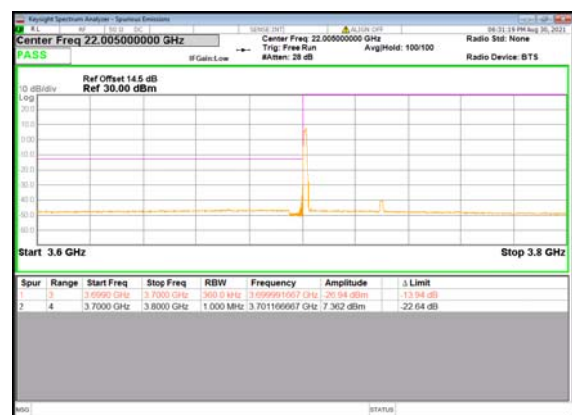
B5_N77(30M)_DFT-s-OFDM_BPSK_Edge_1R
B_Left_Low_CH

B5_N77(30M)_DFT-s-OFDM_QPSK_Edge_1R
B_Left_Low_CH

B5_N77(30M)_DFT-s-OFDM_BPSK_Outer_Ful
I_Low_CH

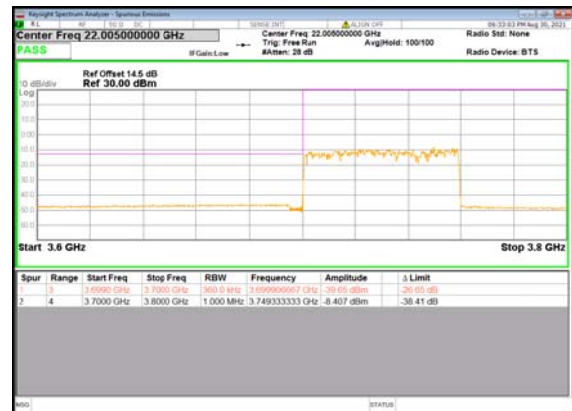
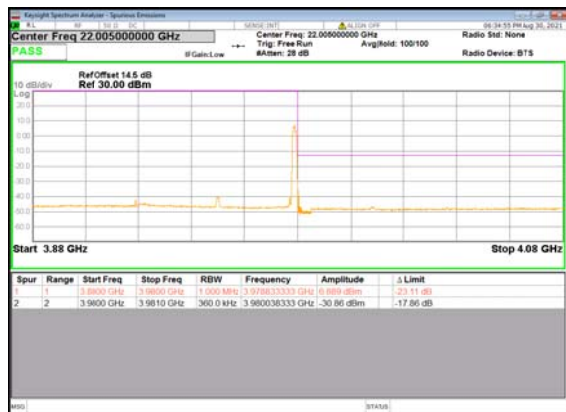
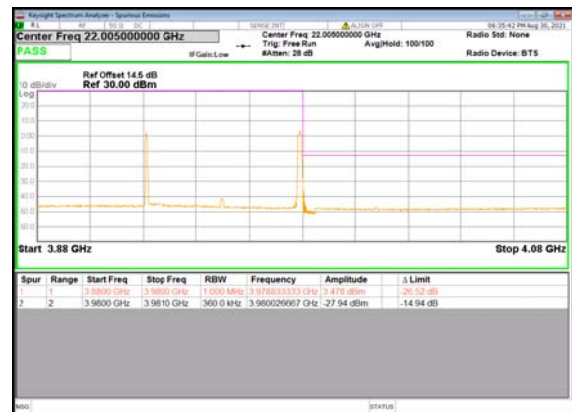
B5_N77(30M)_DFT-s-OFDM_QPSK_Outer_Ful
I_Low_CH

B5_N77(30M)_DFT-s-OFDM_BPSK_Edge_1R
B_Right_High_CH

B5_N77(30M)_DFT-s-OFDM_QPSK_Edge_1R
B_Right_High_CH


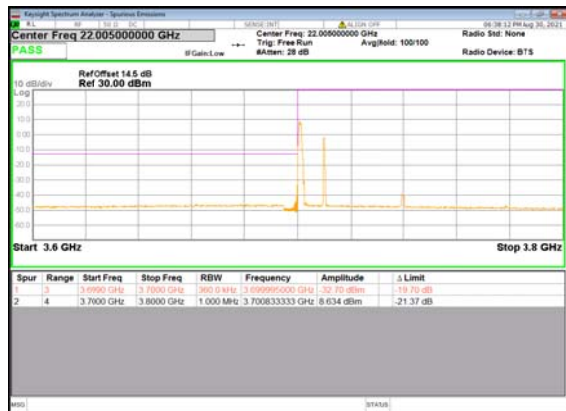
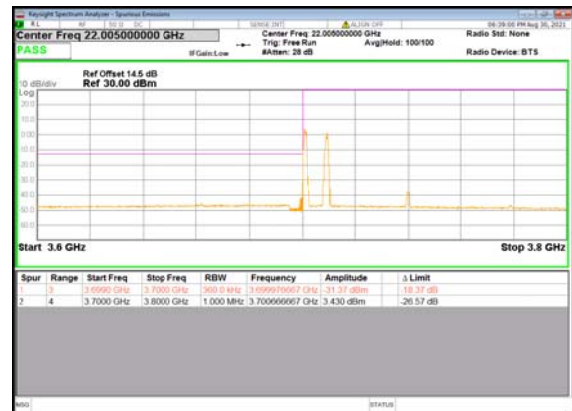
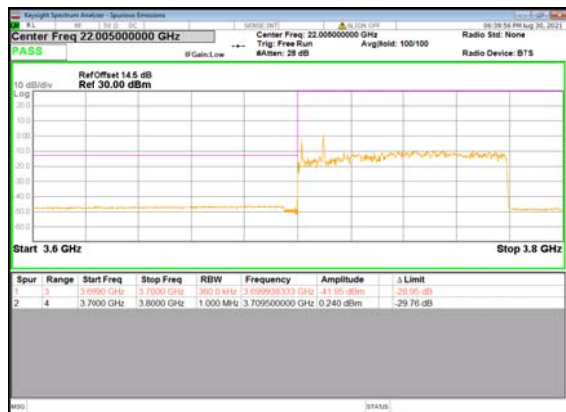
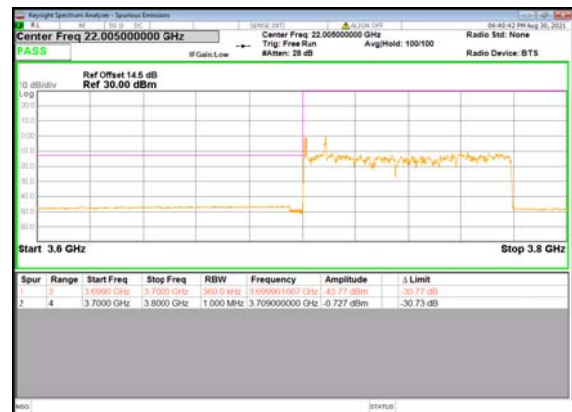
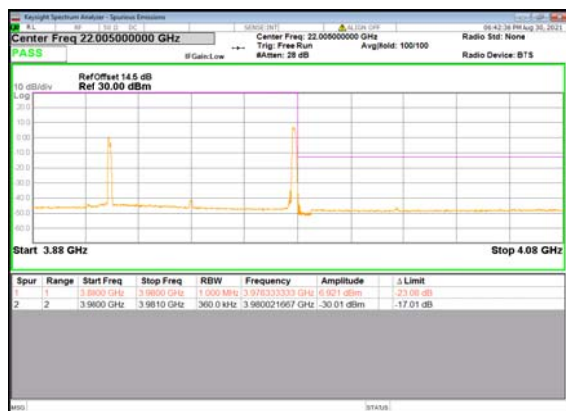
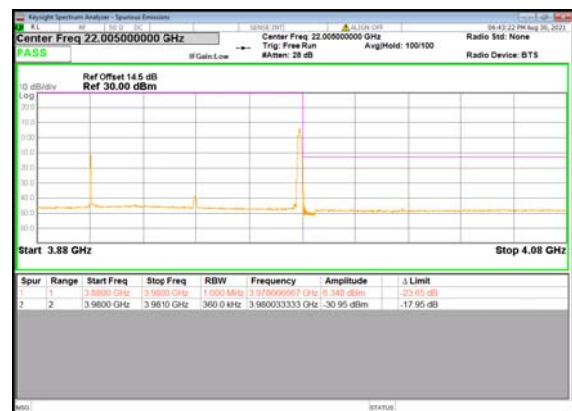
B5_N77(30M)_DFT-s-OFDM_BPSK_Outer_Ful
I_High_CHB5_N77(30M)_DFT-s-OFDM_QPSK_Outer_Ful
I_High_CHB5_N77(40M)_DFT-s-OFDM_BPSK_Edge_1R
B_Left_Low_CHB5_N77(40M)_DFT-s-OFDM_QPSK_Edge_1R
B_Left_Low_CHB5_N77(40M)_DFT-s-OFDM_BPSK_Outer_Ful
I_Low_CHB5_N77(40M)_DFT-s-OFDM_QPSK_Outer_Ful
I_Low_CH

B5_N77(40M)_DFT-s-OFDM_BPSK_Edge_1R
B_Right_High_CH

B5_N77(40M)_DFT-s-OFDM_QPSK_Edge_1R
B_Right_High_CH

B5_N77(40M)_DFT-s-OFDM_BPSK_Outer_Ful
I_High_CH

B5_N77(40M)_DFT-s-OFDM_QPSK_Outer_Ful
I_High_CH

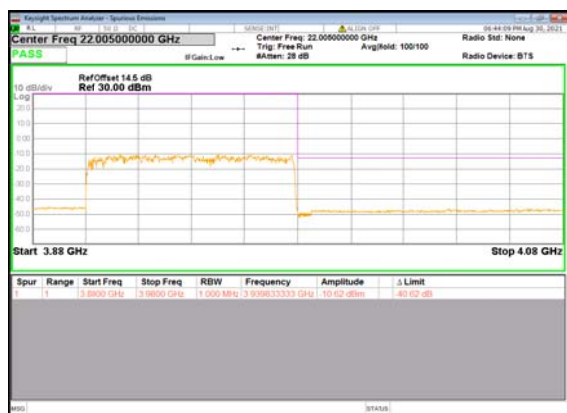
B5_N77(60M)_DFT-s-OFDM_BPSK_Edge_1R
B_Left_Low_CH

B5_N77(60M)_DFT-s-OFDM_QPSK_Edge_1R
B_Left_Low_CH


B5_N77(60M)_DFT-s-OFDM_BPSK_Outer_Ful
I_Low_CHB5_N77(60M)_DFT-s-OFDM_QPSK_Outer_Ful
I_Low_CHB5_N77(60M)_DFT-s-OFDM_BPSK_Edge_1R
B_Right_High_CHB5_N77(60M)_DFT-s-OFDM_QPSK_Edge_1R
B_Right_High_CHB5_N77(60M)_DFT-s-OFDM_BPSK_Outer_Ful
I_High_CHB5_N77(60M)_DFT-s-OFDM_QPSK_Outer_Ful
I_High_CH

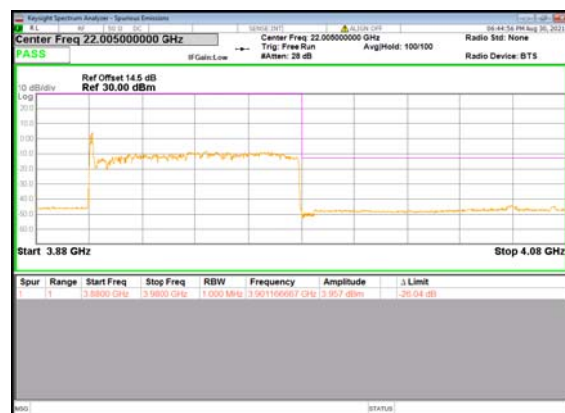
B5_N77(80M)_DFT-s-OFDM_BPSK_Edge_1R
B_Left_Low_CH

B5_N77(80M)_DFT-s-OFDM_QPSK_Edge_1R
B_Left_Low_CH

B5_N77(80M)_DFT-s-OFDM_BPSK_Outer_Ful
I_Low_CH

B5_N77(80M)_DFT-s-OFDM_QPSK_Outer_Ful
I_Low_CH

B5_N77(80M)_DFT-s-OFDM_BPSK_Edge_1R
B_Right_High_CH

B5_N77(80M)_DFT-s-OFDM_QPSK_Edge_1R
B_Right_High_CH




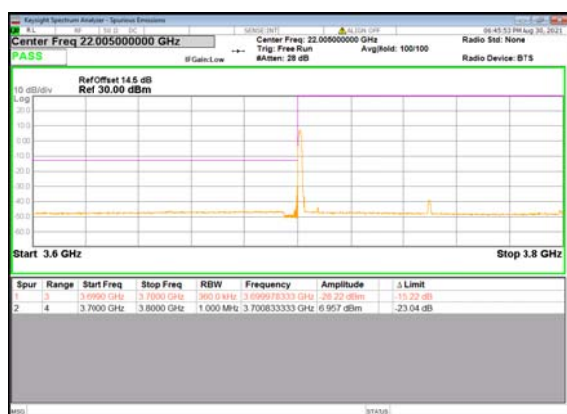
B5_N77(80M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



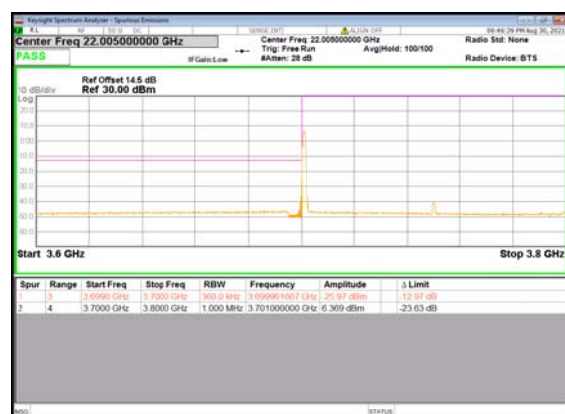
B5_N77(80M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



B5_N77(100M)_DFT-s-OFDM_BPSK_Edge_1_RB_Left_Low_CH



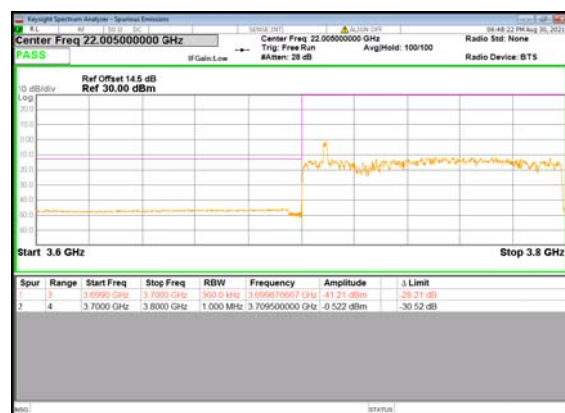
B5_N77(100M)_DFT-s-OFDM_QPSK_Edge_1_RB_Left_Low_CH

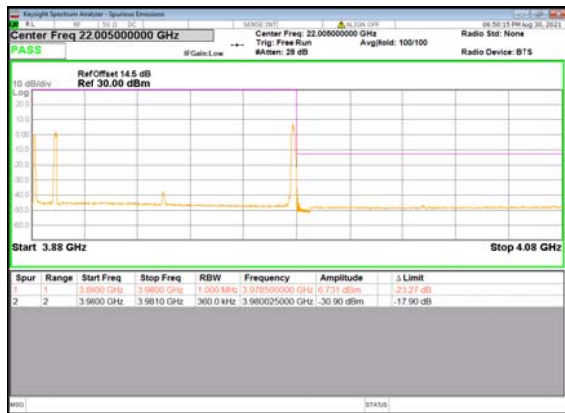
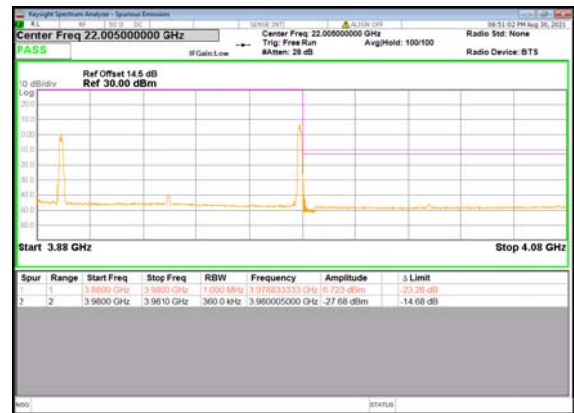


B5_N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



B5_N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



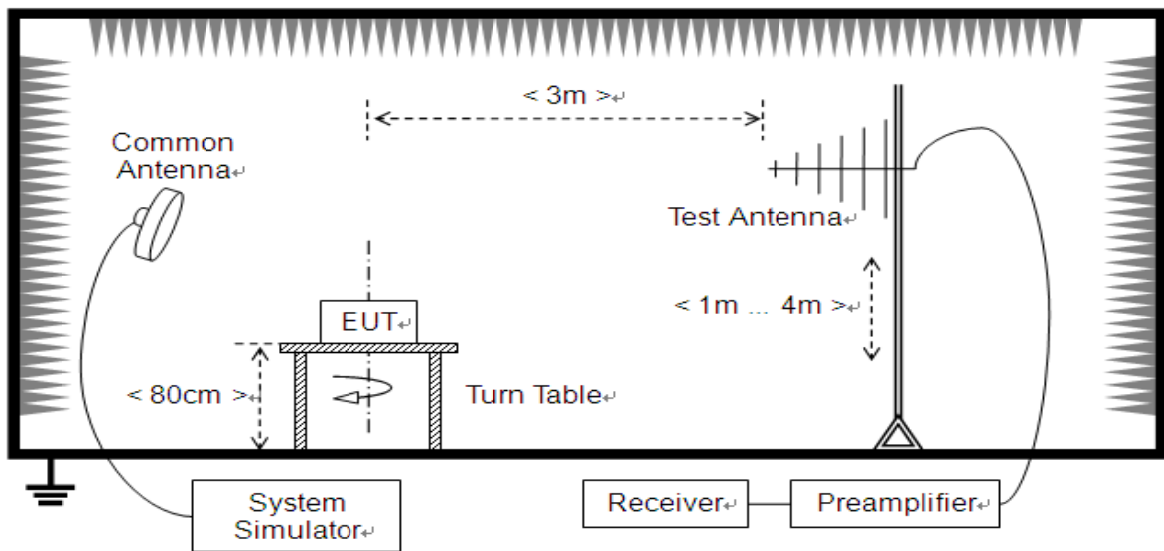
B5_N77(100M)_DFT-s-OFDM_BPSK_Edge_1
RB_Right_High_CHB5_N77(100M)_DFT-s-OFDM_QPSK_Edge_1
RB_Right_High_CHB5_N77(100M)_DFT-s-OFDM_BPSK_Outer_F
ull_High_CHB5_N77(100M)_DFT-s-OFDM_QPSK_Outer_F
ull_High_CH

2.7. Radiated Spurious Emissions

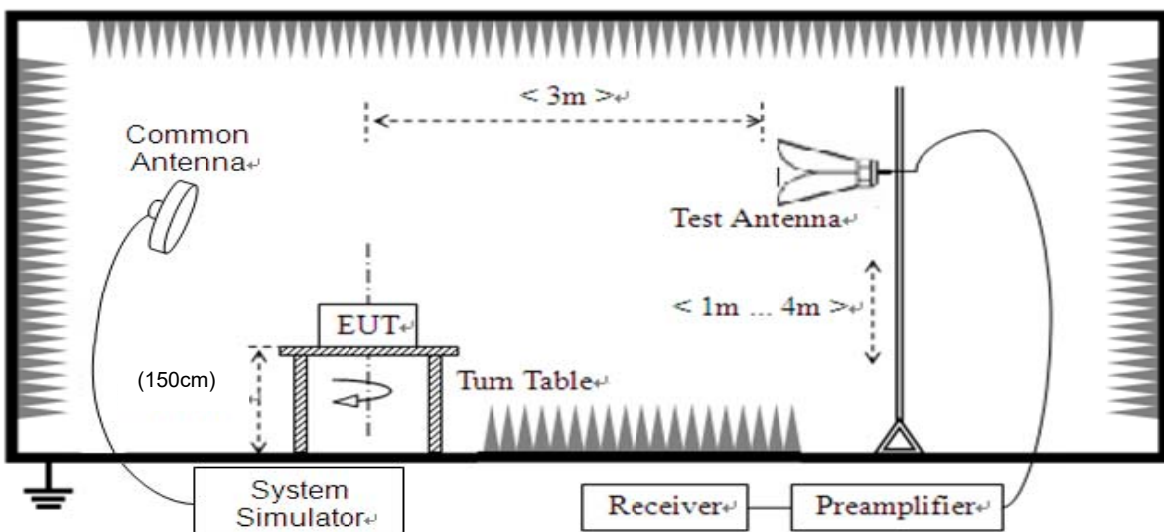
2.7.1. Requirement

According to FCC section 2.1051, section 24.238(a), section 22.917(a), section 27.53(h), section 27.53(l), 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.

2.7.2. Test Description



(For the test frequency from 30MHz to 1GHz)





(For the test frequency above 1GHz)

The EUT is located in a 3m Full-Anechoic Chamber, the cable loss, air loss and so on of the site as factors are pre-calibrated using the "Substitution" method, and calculated to correct the reading.

A call is established between the EUT and the SS via a Common Antenna. The EUT is commanded by the SS to operate at the maximum and minimum output power, and only the test result of the maximum output power was recorded.

In the frequency range above 30MHz, Bi-Log Test Antenna (30MHz to 1GHz) and Horn Test Antenna (above 1GHz) are used. Test Antenna is 3m away from the EUT. Test Antenna height is varied from 1m to 4m above the ground and the Turn Table is actuated to turn from 0° to 360° to determine the maximum value of the radiated power. The emission levels at both horizontal and vertical polarizations should be tested. The Filters consists of Notch Filters and High Pass Filter.

Note: when doing measurements above 1GHz, the EUT has been within the 3dB cone width of the horn antenna during horizontal antenna.

2.7.3. Test procedure

KDB 971168 D01v03 Section 5.8 and ANSI/TIA-603-E-2016.

2.7.4. Test Result

The measurement frequency range is from 30MHz to the 10th harmonic of the fundamental frequency. Test Antenna height is varied from 1m to 4m above the ground, and the Turn Table is actuated to turn from 0° to 360°, both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

The substitution corrections are obtained as described below:

$$A_{\text{SUBST}} = P_{\text{SUBST_TX}} - P_{\text{SUBST_RX}} - L_{\text{SUBST_CABLES}} + G_{\text{SUBST_TX_ANT}}$$

$$A_{\text{TOT}} = L_{\text{CABLES}} + A_{\text{SUBST}}$$

Where A_{SUBST} is the final substitution correction including receive antenna gain.

$P_{\text{SUBST_TX}}$ is signal generator level,



$P_{\text{SUBST_RX}}$ is receiver level,

$L_{\text{SUBST_CABLES}}$ is cable losses including TX cable,

$G_{\text{SUBST_TX_ANT}}$ is substitution antenna gain.

A_{TOT} is total correction factor including cable loss and substitution correction

During the test, the data of A_{TOT} was added in the Test Spectrum Analyze, so Spectrum Analyze reading is the final values which contain the data of A_{TOT} .

Note1: The power of the EUT transmitting frequency should be ignored.

Note2: All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

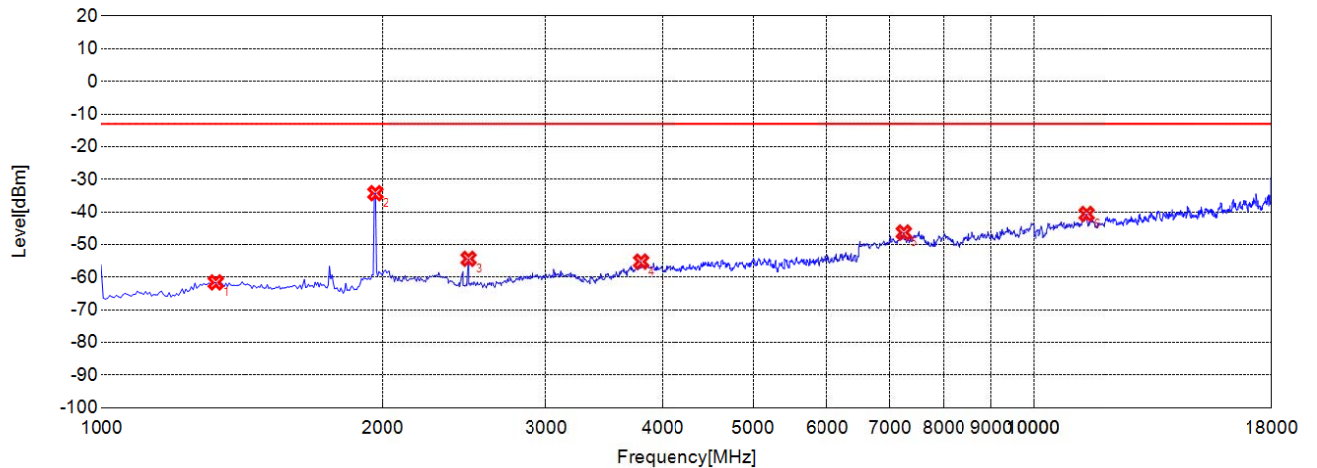
Note3: All bandwidth and modulation were considered and evaluated respectively by performing full test for each band, only the worst cases (Max Bandwidth and QPSK mode) were recorded in this test report.





Ant 2

Test Graph



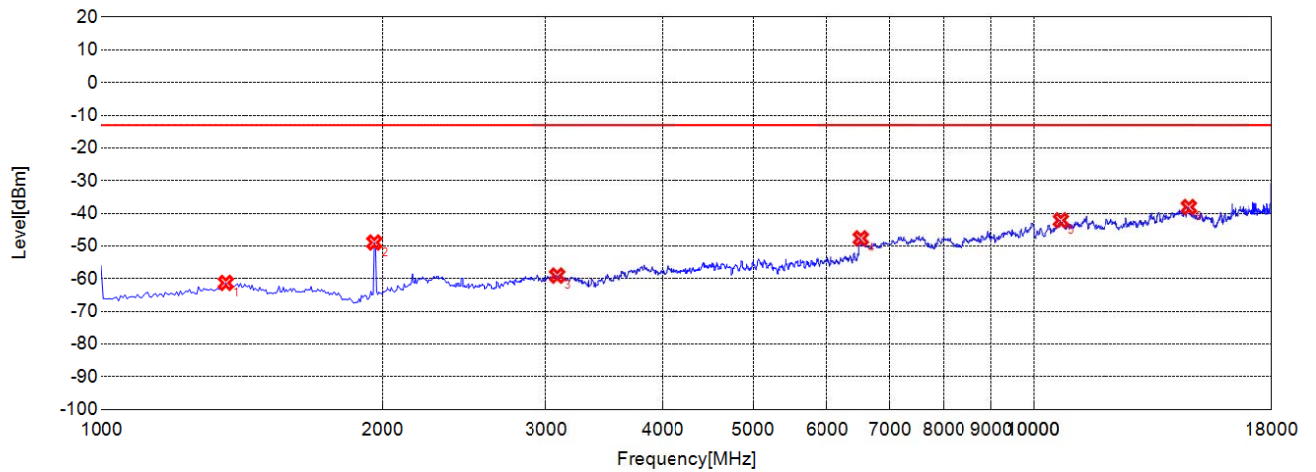
Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1324.8250	-61.61	-13.00	48.61	-7.79	-45.28	37.49	168	Z	Horizontal
2	1963.4630	-34.26	-13.00	21.26	-4.87	-46.39	41.52	49	Z	NA
3	2475.4750	-54.38	-13.00	41.38	-10.40	-47.22	36.82	67	Z	Horizontal
4	3791.2910	-55.23	-13.00	42.23	-6.80	-46.25	39.45	237	Z	Horizontal
5	7248.2480	-46.33	-13.00	33.33	8.41	-36.95	45.36	29	Z	Horizontal
6	11392.3920	-40.64	-13.00	27.64	16.08	-33.33	49.41	147	Z	Horizontal

DC_2A_N5A 166800 20M DFT-s-OFDM RB Size-1 RB Offset-1 SCS 15KHz(ANT2) 1-18G H



Test Graph



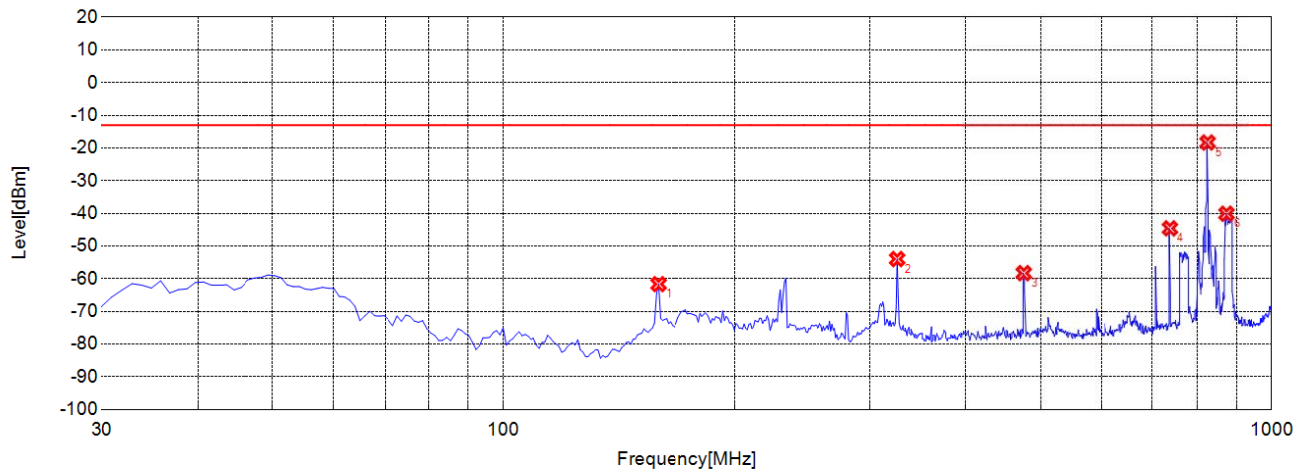
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1357.8580	-61.29	-13.00	48.29	-8.53	-45.28	36.75	35	Z	Vertical
2	1957.9580	-48.94	-13.00	35.94	-10.46	-46.40	35.94	64	Z	NA
3	3086.5870	-59.06	-13.00	46.06	-8.62	-47.18	38.56	267	Z	Vertical
4	6523.0230	-47.66	-13.00	34.66	4.62	-39.06	43.68	107	Z	Vertical
5	10690.1900	-42.15	-13.00	29.15	14.13	-34.47	48.60	91	Z	Vertical
6	14673.1730	-38.08	-13.00	25.08	22.91	-27.60	50.51	208	Z	Vertical

DC_2A_N5A 166800 20M DFT-s-OFDM RB Size-1 RB Offset-1 SCS 15KHz(ANT2) 1-18G V

Test Graph



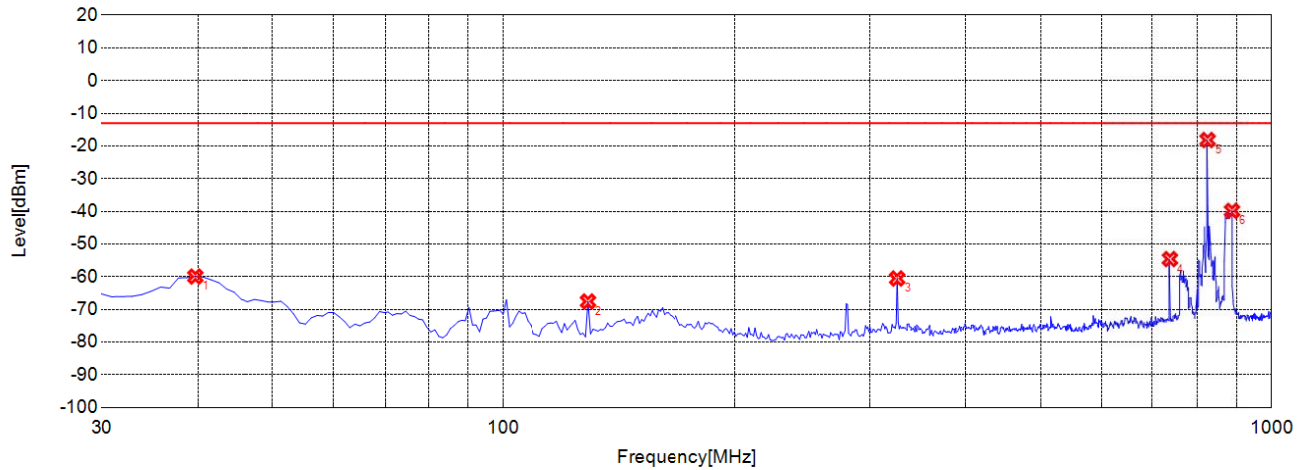
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	159.1390	-61.67	-13.00	48.67	-19.75	-38.41	18.66	156	Z	Horizontal
2	325.1750	-53.99	-13.00	40.99	-12.49	-37.02	24.53	264	Z	Horizontal
3	475.6760	-58.31	-13.00	45.31	-8.13	-35.28	27.15	49	Z	Horizontal
4	737.8380	-44.6	-13.00	31.60	-3.29	-34.24	30.95	63	Z	Horizontal
5	825.2250	-18.33	-13.00	5.33	-2.96	-34.16	31.20	104	Z	NA
6	872.8030	-40.13	-13.00	27.13	-2.19	-34.04	31.85	216	Z	NA

DC_2A_N5A 166800 20M DFT-s-OFDM RB Size-1 RB Offset-1 SCS 15KHz(ANT2) 30M-1G H

Test Graph



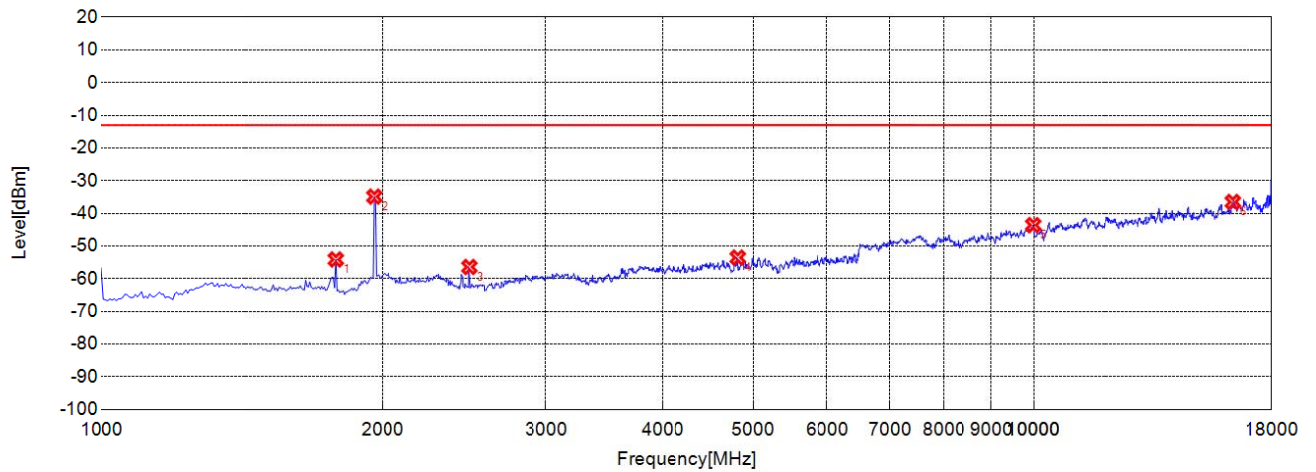
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	39.7100	-59.96	-13.00	46.96	-16.34	-39.54	23.20	34	Z	Vertical
2	129.0390	-67.58	-13.00	54.58	-16.75	-38.51	21.76	164	Z	Vertical
3	325.1750	-60.55	-13.00	47.55	-11.29	-37.02	25.73	237	Z	Vertical
4	737.8380	-54.61	-13.00	41.61	-3.28	-34.24	30.96	149	Z	Vertical
5	825.2250	-18.19	-13.00	5.19	-2.76	-34.16	31.40	67	Z	NA
6	887.3670	-39.86	-13.00	26.86	-1.29	-34.00	32.71	104	Z	NA

DC_2A_N5A 166800 20M DFT-s-OFDM RB Size-1 RB Offset-1 SCS 15KHz(ANT2) 30M-1G V

Test Graph



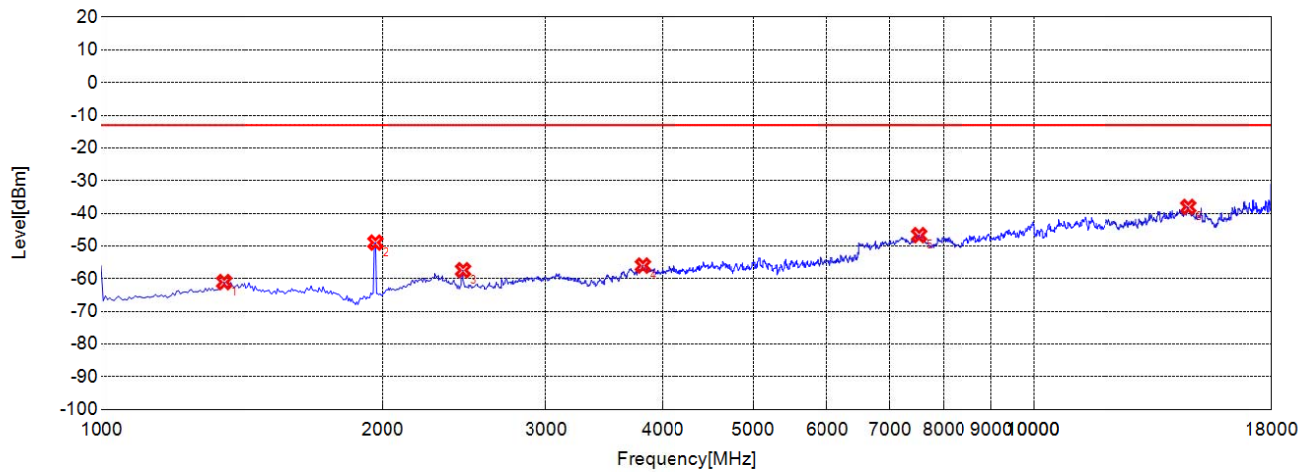
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1781.7820	-54.13	-13.00	41.13	-8.27	-46.30	38.03	106	Z	Horizontal
2	1957.9580	-34.89	-13.00	21.89	-4.95	-46.40	41.45	64	Z	NA
3	2480.9810	-56.42	-13.00	43.42	-10.40	-47.19	36.79	86	Z	Horizontal
4	4815.3150	-53.55	-13.00	40.55	-3.40	-44.32	40.92	236	Z	Horizontal
5	9987.9880	-43.6	-13.00	30.60	14.01	-34.38	48.39	143	Z	Horizontal
6	16342.3420	-36.53	-13.00	23.53	23.91	-27.38	51.29	81	Z	Horizontal

DC_2A_N5A 167300 20M DFT-s-OFDM RB Size-1 RB Offset-1 SCS 15KHz(ANT2) 1-18G H

Test Graph



○ Final Test

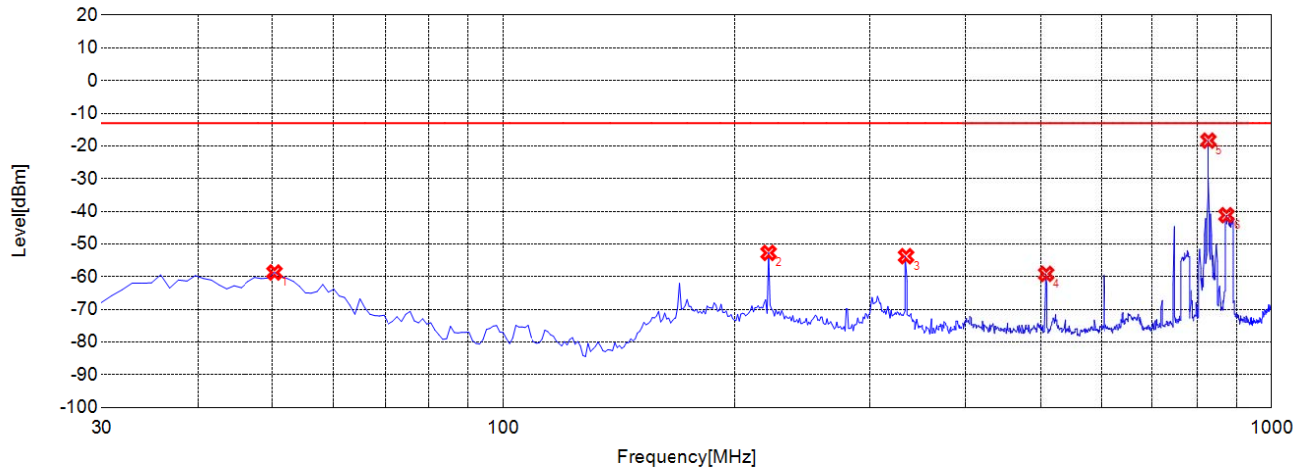
Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	1352.3520	-61.04	-13.00	48.04	-8.59	-45.27	36.68	135	Z	Vertical
2	1963.4630	-48.95	-13.00	35.95	-10.41	-46.39	35.98	264	Z	NA
3	2442.4420	-57.41	-13.00	44.41	-10.47	-47.36	36.89	84	Z	Vertical
4	3807.8080	-56	-13.00	43.00	-7.05	-46.13	39.08	34	Z	Vertical
5	7524.5250	-46.69	-13.00	33.69	9.88	-35.76	45.64	16	Z	Vertical
6	14650.1500	-38.04	-13.00	25.04	23.28	-27.14	50.42	96	Z	Vertical

DC_2A_N5A 167300 20M DFT-s-OFDM RB Size-1 RB Offset-1 SCS 15KHz(ANT2) 1-18G V



Test Graph



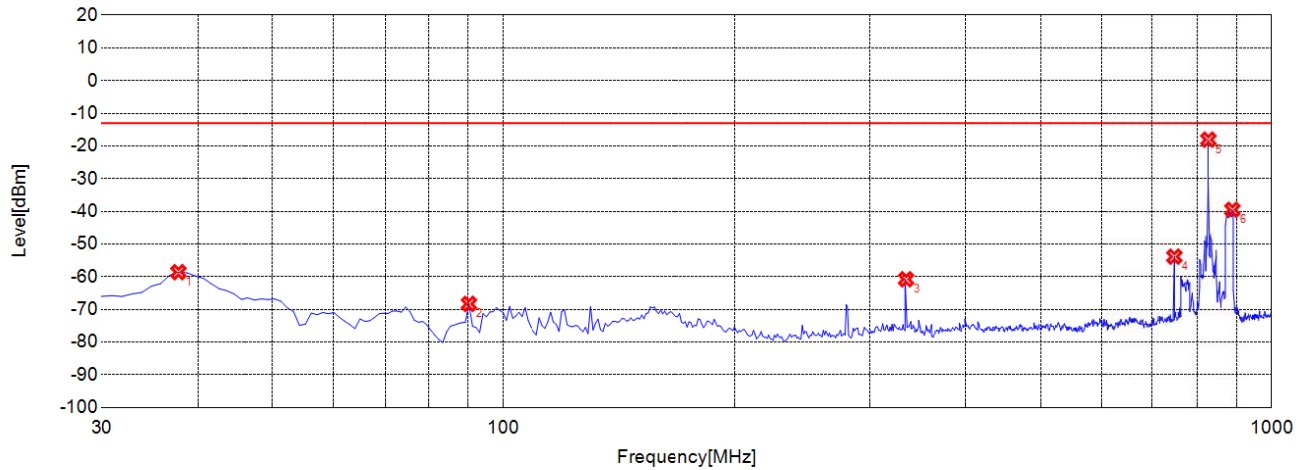
○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	50.3900	-58.71	-13.00	45.71	-7.16	-39.46	32.30	134	Z	Horizontal
2	221.2810	-52.72	-13.00	39.72	-12.06	-37.55	25.49	117	Z	Horizontal
3	333.9140	-53.74	-13.00	40.74	-11.99	-37.03	25.04	248	Z	Horizontal
4	508.6890	-59.14	-13.00	46.14	-7.37	-35.20	27.83	35	Z	Horizontal
5	827.1670	-18.37	-13.00	5.37	-2.90	-34.16	31.26	79	Z	NA
6	872.8030	-41.2	-13.00	28.20	-2.19	-34.04	31.85	164	Z	NA

DC_2A_N5A 167300 20M DFT-s-OFDM RB Size-1 RB Offset-1 SCS 15KHz(ANT2) 30M-1G H

Test Graph



○ Final Test

Suspected List

NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Path [dB]	Air [dB]	Angle [°]	EUT Pol.	Ant. Pol.
1	37.7680	-58.61	-13.00	45.61	-16.48	-39.56	23.08	121	Z	Vertical
2	90.2000	-68.31	-13.00	55.31	-16.50	-38.71	22.21	64	Z	Vertical
3	333.9140	-60.78	-13.00	47.78	-10.76	-37.03	26.27	92	Z	Vertical
4	747.5480	-53.87	-13.00	40.87	-2.78	-34.21	31.43	234	Z	Vertical
5	827.1670	-18.08	-13.00	5.08	-2.67	-34.16	31.49	84	Z	NA
6	888.3380	-39.52	-13.00	26.52	-1.25	-34.00	32.75	62	Z	NA

DC_2A_N5A 167300 20M DFT-s-OFDM RB Size-1 RB Offset-1 SCS 15KHz(ANT2) 30M-1G V