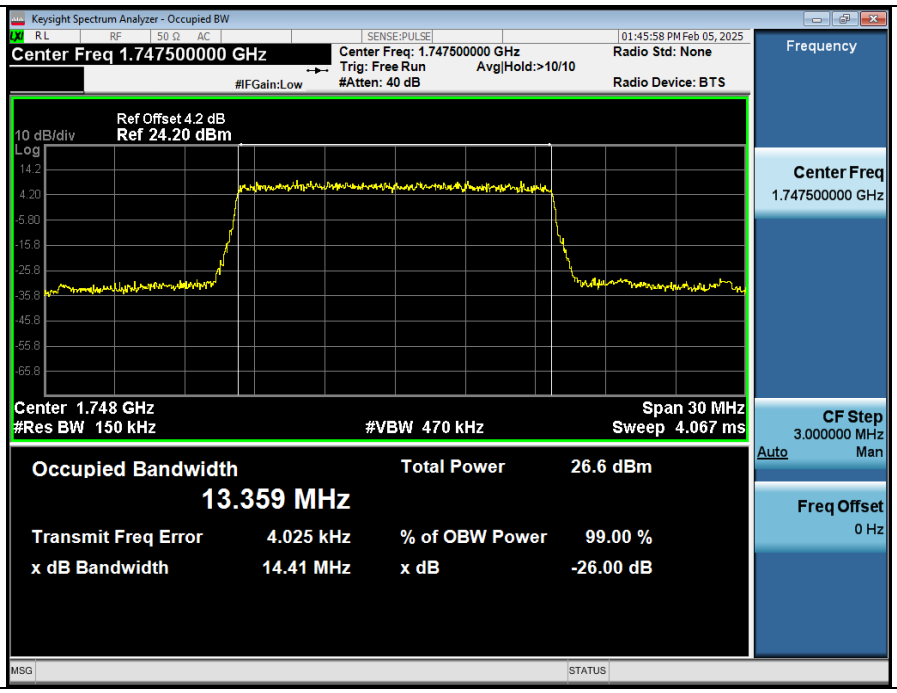
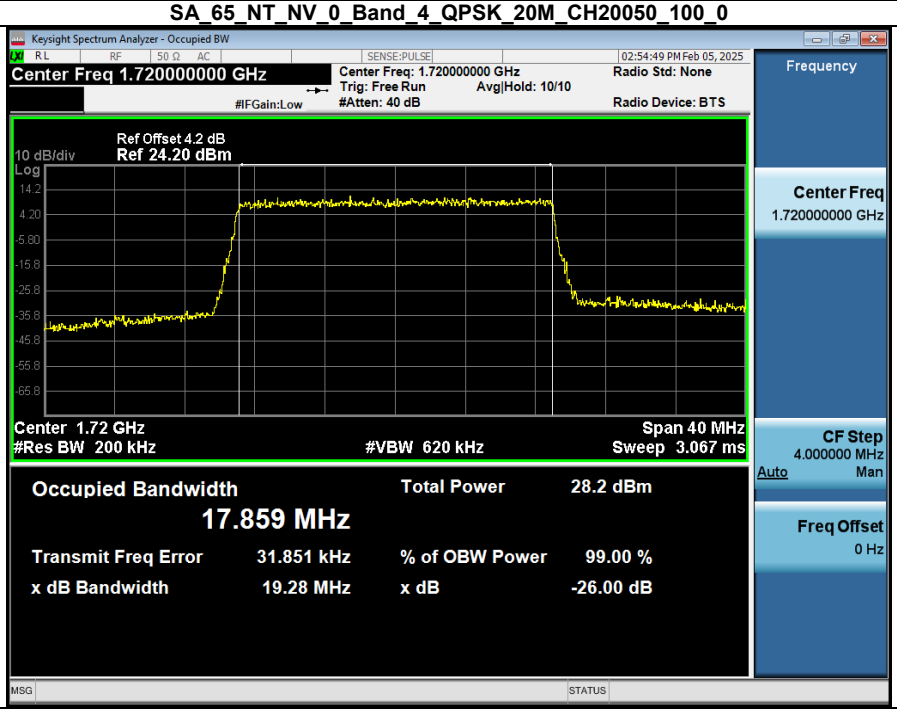
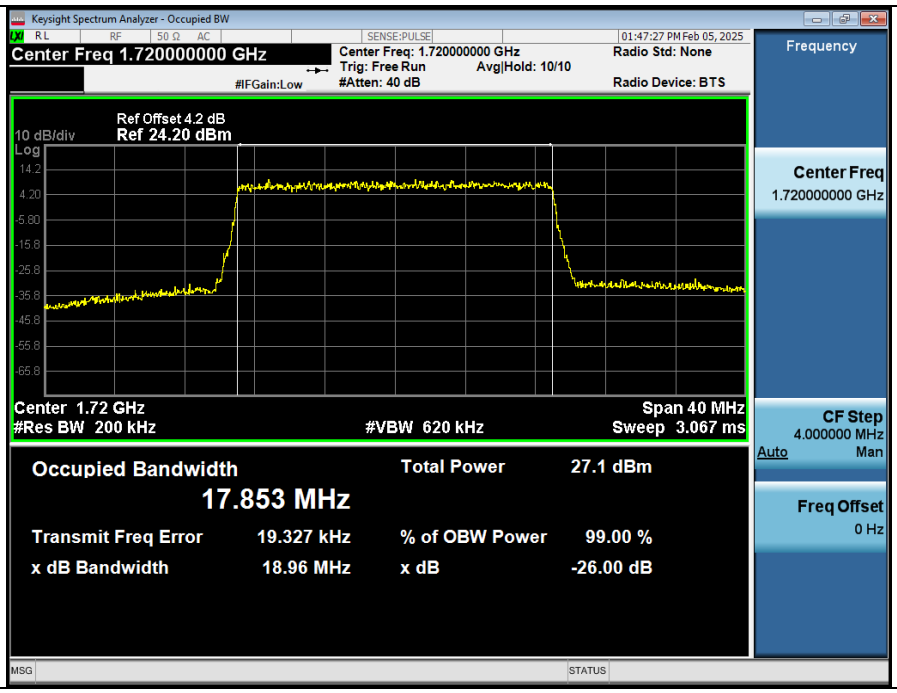


SA_65_NT_NV_0_Band_4_QPSK_20M_CH20050_100_0



SA_65_NT_NV_0_Band_4_16QAM_20M_CH20050_100_0



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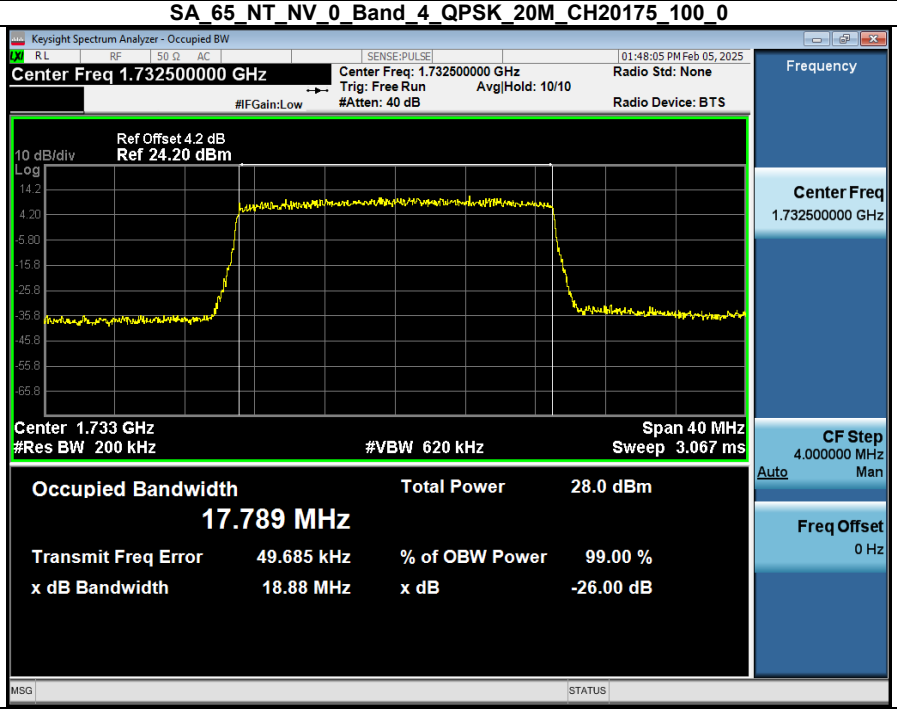

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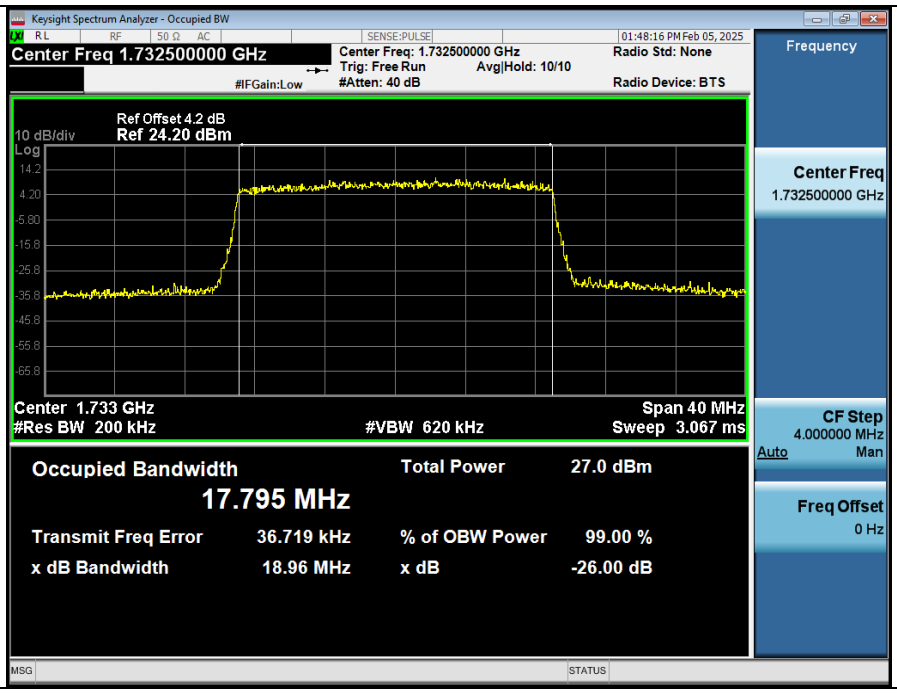

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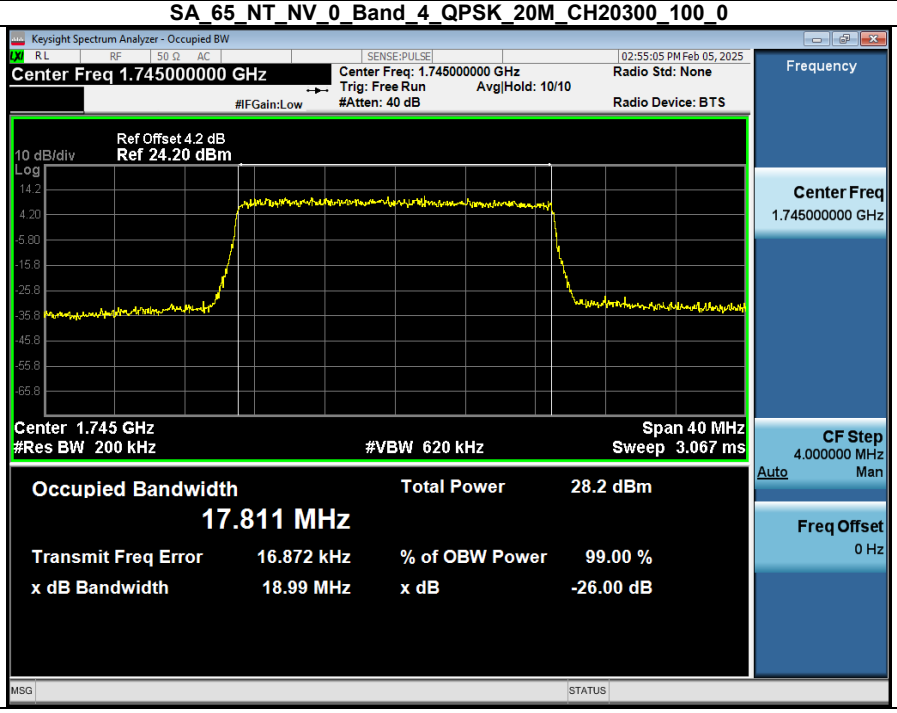

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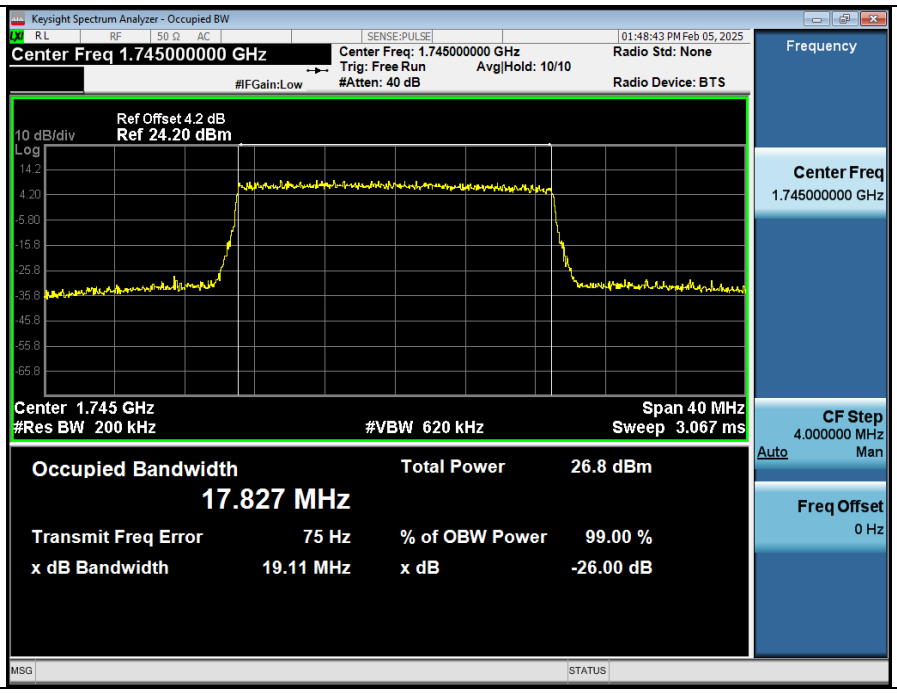
Keysight Spectrum Analyzer - Occupied BW
Center Freq 1.745000000 GHz
Center Freq: 1.745000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 40 dB
Radio Std: None
Radio Device: BTS
01:48:43 PM Feb 05, 2025
Frequency
Ref Offset 4.2 dB
10 dB/div
Ref 24.20 dBm
Center 1.745 GHz
#Res BW 200 kHz
#VBW 620 kHz
Span 40 MHz
Sweep 3.067 ms
Occupied Bandwidth
17.827 MHz
Total Power 26.8 dBm
Transmit Freq Error 75 Hz
% of OBW Power 99.00 %
x dB Bandwidth 19.11 MHz
x dB -26.00 dB
Center Freq
1.745000000 GHz
CF Step
4.000000 MHz
Auto Man
Freq Offset
0 Hz

4. Unwanted Spurious Emission

Condition	Band	Modulation	BW(MHz)	Frequency(MHz)	RB_Size	RB_start	RBW(kHz)	Test Freq Range(MHz)	Spur Freq (MHz)	Spur Level(dBm)	Limit(dBm)	Result
NV_NT	Band 4	QPSK	1.4M	1710.7	1	0	1000	1708.6~1709.0	1708.856	-33.95	-13	Pass
NV_NT	Band 4	QPSK	1.4M	1710.7	1	0	14.0	1709.0~1710.0	1709.401	-25.04	-13	Pass
NV_NT	Band 4	QPSK	1.4M	1710.7	6	0	1000	1708.6~1709.0	1708.759	-26.20	-13	Pass
NV_NT	Band 4	QPSK	1.4M	1710.7	6	0	14.0	1709.0~1710.0	1709.426	-28.94	-13	Pass
NV_NT	Band 4	QPSK	1.4M	1710.7	1	0	1	0.009~0.150	0.087	-43.03	-13	Pass
NV_NT	Band 4	QPSK	1.4M	1710.7	1	0	10	0.150~30.000	2.330	-29.43	-13	Pass
NV_NT	Band 4	QPSK	1.4M	1710.7	1	0	100	30.000~1000.000	870.052	-31.85	-13	Pass
NV_NT	Band 4	QPSK	1.4M	1710.7	1	0	1000	1000.000~1707.200	1498.788	-55.47	-13	Pass
NV_NT	Band 4	QPSK	1.4M	1710.7	1	0	1000	1757.800~20000.000	19938.585	-46.34	-13	Pass
NV_NT	Band 4	16QAM	1.4M	1710.7	1	0	1000	1708.6~1709.0	1708.649	-34.49	-13	Pass
NV_NT	Band 4	16QAM	1.4M	1710.7	1	0	14.0	1709.0~1710.0	1709.990	-24.85	-13	Pass
NV_NT	Band 4	16QAM	1.4M	1710.7	6	0	1000	1708.6~1709.0	1708.956	-27.21	-13	Pass
NV_NT	Band 4	16QAM	1.4M	1710.7	6	0	14.0	1709.0~1710.0	1709.999	-30.09	-13	Pass
NV_NT	Band 4	16QAM	1.4M	1710.7	1	0	1	0.009~0.150	0.010	-55.48	-13	Pass
NV_NT	Band 4	16QAM	1.4M	1710.7	1	0	10	0.150~30.000	0.150	-55.79	-13	Pass
NV_NT	Band 4	16QAM	1.4M	1710.7	1	0	100	30.000~1000.000	925.084	-31.50	-13	Pass
NV_NT	Band 4	16QAM	1.4M	1710.7	1	0	1000	1000.000~1707.200	1707.106	-42.48	-13	Pass
NV_NT	Band 4	16QAM	1.4M	1710.7	1	0	1000	1757.800~20000.000	19955.611	-46.18	-13	Pass
NV_NT	Band 4	QPSK	1.4M	1732.5	6	0	1	0.009~0.150	0.013	-55.84	-13	Pass
NV_NT	Band 4	QPSK	1.4M	1732.5	6	0	10	0.150~30.000	0.151	-56.30	-13	Pass
NV_NT	Band 4	QPSK	1.4M	1732.5	6	0	100	30.000~1000.000	812.693	-31.56	-13	Pass
NV_NT	Band 4	QPSK	1.4M	1732.5	6	0	1000	1000.000~1708.600	1696.483	-55.11	-13	Pass
NV_NT	Band 4	QPSK	1.4M	1732.5	6	0	1000	1756.400~20000.000	19957.432	-46.27	-13	Pass
NV_NT	Band 4	16QAM	1.4M	1732.5	6	0	1	0.009~0.150	0.009	-54.54	-13	Pass
NV_NT	Band 4	16QAM	1.4M	1732.5	6	0	10	0.150~30.000	0.150	-56.93	-13	Pass
NV_NT	Band 4	16QAM	1.4M	1732.5	6	0	100	30.000~1000.000	942.608	-31.45	-13	Pass
NV_NT	Band 4	16QAM	1.4M	1732.5	6	0	1000	1000.000~1708.600	1542.244	-55.37	-13	Pass
NV_NT	Band 4	16QAM	1.4M	1732.5	6	0	1000	1756.400~20000.000	19944.053	-46.15	-13	Pass
NV_NT	Band 4	QPSK	1.4M	1754.3	1	5	14.0	1755.0~1756.0	1755.001	-25.31	-13	Pass
NV_NT	Band 4	QPSK	1.4M	1754.3	1	5	1000	1756.0~1756.4	1756.071	-34.32	-13	Pass
NV_NT	Band 4	QPSK	1.4M	1754.3	6	0	14.0	1755.0~1756.0	1755.006	-31.47	-13	Pass
NV_NT	Band 4	QPSK	1.4M	1754.3	6	0	1000	1756.0~1756.4	1756.078	-25.08	-13	Pass
NV_NT	Band 4	QPSK	1.4M	1754.3	1	5	1	0.009~0.150	0.010	-54.56	-13	Pass
NV_NT	Ban	QPSK	1.4M	1754.3	1	5	10	0.150~30.000	0.159	-57.21	-13	Pass

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NV_NT	Band 4	QPSK	1.4M	1754.3	1	5	100	30.000~1000.000	972.193	-31.07	-13	Pass
NV_NT	Band 4	QPSK	1.4M	1754.3	1	5	1000	1000.000~1707.200	1567.457	-55.35	-13	Pass
NV_NT	Band 4	QPSK	1.4M	1754.3	1	5	1000	1757.800~20000.000	1757.800	-41.38	-13	Pass
NV_NT	Band 4	16QAM	1.4M	1754.3	1	5	14.0	1755.0~1756.0	1755.001	-21.63	-13	Pass
NV_NT	Band 4	16QAM	1.4M	1754.3	1	5	1000	1756.0~1756.4	1756.078	-33.94	-13	Pass
NV_NT	Band 4	16QAM	1.4M	1754.3	6	0	14.0	1755.0~1756.0	1755.002	-28.53	-13	Pass
NV_NT	Band 4	16QAM	1.4M	1754.3	6	0	1000	1756.0~1756.4	1756.091	-26.08	-13	Pass
NV_NT	Band 4	16QAM	1.4M	1754.3	1	5	1	0.009~0.150	0.009	-52.74	-13	Pass
NV_NT	Band 4	16QAM	1.4M	1754.3	1	5	10	0.150~30.000	0.151	-55.01	-13	Pass
NV_NT	Band 4	16QAM	1.4M	1754.3	1	5	100	30.000~1000.000	915.642	-31.62	-13	Pass
NV_NT	Band 4	16QAM	1.4M	1754.3	1	5	1000	1000.000~1707.200	1489.406	-55.40	-13	Pass
NV_NT	Band 4	16QAM	1.4M	1754.3	1	5	1000	1757.800~20000.000	1757.800	-42.27	-13	Pass
NV_NT	Band 4	QPSK	3M	1711.5	15	0	1000	1707.0~1709.0	1707.736	-55.79	-13	Pass
NV_NT	Band 4	QPSK	3M	1711.5	15	0	30.0	1709.0~1710.0	1709.488	-38.92	-13	Pass
NV_NT	Band 4	QPSK	3M	1711.5	1	0	1000	1707.0~1709.0	1708.739	-55.42	-13	Pass
NV_NT	Band 4	QPSK	3M	1711.5	1	0	30.0	1709.0~1710.0	1709.374	-38.16	-13	Pass
NV_NT	Band 4	QPSK	3M	1711.5	1	0	1	0.009~0.150	0.080	-45.21	-13	Pass
NV_NT	Band 4	QPSK	3M	1711.5	1	0	10	0.150~30.000	2.502	-31.59	-13	Pass
NV_NT	Band 4	QPSK	3M	1711.5	1	0	100	30.000~1000.000	440.181	-31.59	-13	Pass
NV_NT	Band 4	QPSK	3M	1711.5	1	0	1000	1000.000~1704.000	1692.361	-55.46	-13	Pass
NV_NT	Band 4	QPSK	3M	1711.5	1	0	1000	1761.000~20000.000	19917.925	-46.29	-13	Pass
NV_NT	Band 4	16QAM	3M	1711.5	15	0	1000	1707.0~1709.0	1708.813	-25.94	-13	Pass
NV_NT	Band 4	16QAM	3M	1711.5	15	0	30.0	1709.0~1710.0	1709.998	-25.65	-13	Pass
NV_NT	Band 4	16QAM	3M	1711.5	1	0	1000	1707.0~1709.0	1707.693	-21.98	-13	Pass
NV_NT	Band 4	16QAM	3M	1711.5	1	0	30.0	1709.0~1710.0	1709.995	-18.37	-13	Pass
NV_NT	Band 4	16QAM	3M	1711.5	1	0	1	0.009~0.150	0.010	-55.07	-13	Pass
NV_NT	Band 4	16QAM	3M	1711.5	1	0	10	0.150~30.000	0.155	-56.33	-13	Pass
NV_NT	Band 4	16QAM	3M	1711.5	1	0	100	30.000~1000.000	986.291	-31.88	-13	Pass
NV_NT	Band 4	16QAM	3M	1711.5	1	0	1000	1000.000~1704.000	1667.228	-55.54	-13	Pass
NV_NT	Band 4	16QAM	3M	1711.5	1	0	1000	1761.000~20000.000	19947.715	-45.89	-13	Pass
NV_NT	Band 4	QPSK	3M	1732.5	15	0	1	0.009~0.150	0.011	-54.36	-13	Pass
NV_NT	Band 4	QPSK	3M	1732.5	15	0	10	0.150~30.000	0.161	-57.98	-13	Pass
NV_NT	Band 4	QPSK	3M	1732.5	15	0	100	30.000~1000.000	886.607	-31.35	-13	Pass
NV_NT	Band 4	QPSK	3M	1732.5	15	0	1000	1000.000~1707.000	1558.907	-55.29	-13	Pass
NV_NT	Band 4	QPSK	3M	1732.5	15	0	1000	1758.000~20000.000	19880.211	-45.53	-13	Pass
NV_NT	Band 4	16QAM	3M	1732.5	15	0	1	0.009~0.150	0.010	-54.11	-13	Pass
NV_NT	Band 4	16QAM	3M	1732.5	15	0	10	0.150~30.000	0.151	-55.77	-13	Pass
NV_NT	Band 4	16QAM	3M	1732.5	15	0	100	30.000~1000.000	847.225	-31.96	-13	Pass

NV_NT	Band 4	16QAM	3M	1732.5	15	0	1000	1000.000~1707.000	1635.664	-55.24	-13	Pass
NV_NT	Band 4	16QAM	3M	1732.5	15	0	1000	1758.000~20000.000	19550.639	-46.13	-13	Pass
NV_NT	Band 4	QPSK	3M	1753.5	15	0	30.0	1755.0~1756.0	1755.001	-26.06	-13	Pass
NV_NT	Band 4	QPSK	3M	1753.5	15	0	1000	1756.0~1758.0	1756.085	-23.65	-13	Pass
NV_NT	Band 4	QPSK	3M	1753.5	1	11	30.0	1755.0~1756.0	1755.007	-36.14	-13	Pass
NV_NT	Band 4	QPSK	3M	1753.5	1	11	1000	1756.0~1758.0	1756.013	-35.04	-13	Pass
NV_NT	Band 4	QPSK	3M	1753.5	1	11	1	0.009~0.150	0.010	-51.42	-13	Pass
NV_NT	Band 4	QPSK	3M	1753.5	1	11	10	0.150~30.000	0.191	-56.68	-13	Pass
NV_NT	Band 4	QPSK	3M	1753.5	1	11	100	30.000~1000.000	790.771	-31.67	-13	Pass
NV_NT	Band 4	QPSK	3M	1753.5	1	11	1000	1000.000~1704.000	1683.819	-55.45	-13	Pass
NV_NT	Band 4	QPSK	3M	1753.5	1	11	1000	1761.000~20000.000	19936.771	-46.28	-13	Pass
NV_NT	Band 4	16QAM	3M	1753.5	15	0	30.0	1755.0~1756.0	1755.004	-27.79	-13	Pass
NV_NT	Band 4	16QAM	3M	1753.5	15	0	1000	1756.0~1758.0	1756.051	-23.41	-13	Pass
NV_NT	Band 4	16QAM	3M	1753.5	1	11	30.0	1755.0~1756.0	1755.002	-35.74	-13	Pass
NV_NT	Band 4	16QAM	3M	1753.5	1	11	1000	1756.0~1758.0	1756.070	-34.58	-13	Pass
NV_NT	Band 4	16QAM	3M	1753.5	1	11	1	0.009~0.150	0.009	-54.07	-13	Pass
NV_NT	Band 4	16QAM	3M	1753.5	1	11	10	0.150~30.000	0.157	-57.41	-13	Pass
NV_NT	Band 4	16QAM	3M	1753.5	1	11	100	30.000~1000.000	907.591	-31.89	-13	Pass
NV_NT	Band 4	16QAM	3M	1753.5	1	11	1000	1000.000~1704.000	1673.916	-55.14	-13	Pass
NV_NT	Band 4	16QAM	3M	1753.5	1	11	1000	1761.000~20000.000	19924.612	-46.20	-13	Pass
NV_NT	Band 4	QPSK	5M	1712.5	1	0	1000	1705.0~1709.0	1706.010	-22.54	-13	Pass
NV_NT	Band 4	QPSK	5M	1712.5	1	0	50.0	1709.0~1710.0	1709.995	-17.32	-13	Pass
NV_NT	Band 4	QPSK	5M	1712.5	25	0	1000	1705.0~1709.0	1706.943	-28.22	-13	Pass
NV_NT	Band 4	QPSK	5M	1712.5	25	0	50.0	1709.0~1710.0	1709.998	-26.27	-13	Pass
NV_NT	Band 4	QPSK	5M	1712.5	1	0	1	0.009~0.150	0.010	-54.15	-13	Pass
NV_NT	Band 4	QPSK	5M	1712.5	1	0	10	0.150~30.000	0.150	-57.47	-13	Pass
NV_NT	Band 4	QPSK	5M	1712.5	1	0	100	30.000~1000.000	890.584	-32.06	-13	Pass
NV_NT	Band 4	QPSK	5M	1712.5	1	0	1000	1000.000~1700.000	1655.387	-55.65	-13	Pass
NV_NT	Band 4	QPSK	5M	1712.5	1	0	1000	1765.000~20000.000	19919.158	-45.97	-13	Pass
NV_NT	Band 4	16QAM	5M	1712.5	1	0	1000	1705.0~1709.0	1706.074	-24.15	-13	Pass
NV_NT	Band 4	16QAM	5M	1712.5	1	0	50.0	1709.0~1710.0	1709.996	-20.33	-13	Pass
NV_NT	Band 4	16QAM	5M	1712.5	25	0	1000	1705.0~1709.0	1708.853	-26.75	-13	Pass
NV_NT	Band 4	16QAM	5M	1712.5	25	0	50.0	1709.0~1710.0	1709.997	-24.64	-13	Pass
NV_NT	Band 4	16QAM	5M	1712.5	1	0	1	0.009~0.150	0.009	-53.59	-13	Pass
NV_NT	Band 4	16QAM	5M	1712.5	1	0	10	0.150~30.000	0.152	-56.27	-13	Pass
NV_NT	Band 4	16QAM	5M	1712.5	1	0	100	30.000~1000.000	854.112	-31.36	-13	Pass
NV_NT	Band 4	16QAM	5M	1712.5	1	0	1000	1000.000~1700.000	1699.650	-55.04	-13	Pass
NV_NT	Band 4	16QAM	5M	1712.5	1	0	1000	1765.000~20000.000	19911.256	-45.66	-13	Pass
NV_NT	Ban	QPSK	5M	1732.5	25	0	1	0.009~0.150	0.012	-55.29	-13	Pass

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NV_NT	Band 4	QPSK	5M	1732.5	25	0	10	0.150~30.000	0.178	-56.10	-13	Pass
NV_NT	Band 4	QPSK	5M	1732.5	25	0	100	30.000~1000.000	787.732	-31.01	-13	Pass
NV_NT	Band 4	QPSK	5M	1732.5	25	0	1000	1000.000~1705.000	1666.084	-55.29	-13	Pass
NV_NT	Band 4	QPSK	5M	1732.5	25	0	1000	1760.000~20000.000	19950.144	-46.01	-13	Pass
NV_NT	Band 4	16QAM	5M	1732.5	25	0	1	0.009~0.150	0.010	-54.06	-13	Pass
NV_NT	Band 4	16QAM	5M	1732.5	25	0	10	0.150~30.000	0.171	-57.15	-13	Pass
NV_NT	Band 4	16QAM	5M	1732.5	25	0	100	30.000~1000.000	793.778	-31.61	-13	Pass
NV_NT	Band 4	16QAM	5M	1732.5	25	0	1000	1000.000~1705.000	1697.645	-55.27	-13	Pass
NV_NT	Band 4	16QAM	5M	1732.5	25	0	1000	1760.000~20000.000	19943.456	-45.84	-13	Pass
NV_NT	Band 4	QPSK	5M	1752.5	1	24	50.0	1755.0~1756.0	1755.003	-17.62	-13	Pass
NV_NT	Band 4	QPSK	5M	1752.5	1	24	1000	1756.0~1760.0	1758.979	-26.87	-13	Pass
NV_NT	Band 4	QPSK	5M	1752.5	25	0	50.0	1755.0~1756.0	1755.001	-26.00	-13	Pass
NV_NT	Band 4	QPSK	5M	1752.5	25	0	1000	1756.0~1760.0	1757.880	-25.86	-13	Pass
NV_NT	Band 4	QPSK	5M	1752.5	1	24	1	0.009~0.150	0.009	-53.58	-13	Pass
NV_NT	Band 4	QPSK	5M	1752.5	1	24	10	0.150~30.000	0.153	-56.48	-13	Pass
NV_NT	Band 4	QPSK	5M	1752.5	1	24	100	30.000~1000.000	874.126	-31.45	-13	Pass
NV_NT	Band 4	QPSK	5M	1752.5	1	24	1000	1000.000~1700.000	1685.020	-55.13	-13	Pass
NV_NT	Band 4	QPSK	5M	1752.5	1	24	1000	1765.000~20000.000	19907.001	-45.96	-13	Pass
NV_NT	Band 4	16QAM	5M	1752.5	1	24	50.0	1755.0~1756.0	1755.002	-21.36	-13	Pass
NV_NT	Band 4	16QAM	5M	1752.5	1	24	1000	1756.0~1760.0	1758.997	-32.31	-13	Pass
NV_NT	Band 4	16QAM	5M	1752.5	25	0	50.0	1755.0~1756.0	1755.003	-27.38	-13	Pass
NV_NT	Band 4	16QAM	5M	1752.5	25	0	1000	1756.0~1760.0	1757.094	-25.48	-13	Pass
NV_NT	Band 4	16QAM	5M	1752.5	1	24	1	0.009~0.150	0.009	-54.21	-13	Pass
NV_NT	Band 4	16QAM	5M	1752.5	1	24	10	0.150~30.000	0.153	-54.83	-13	Pass
NV_NT	Band 4	16QAM	5M	1752.5	1	24	100	30.000~1000.000	929.901	-31.67	-13	Pass
NV_NT	Band 4	16QAM	5M	1752.5	1	24	1000	1000.000~1700.000	1651.420	-55.52	-13	Pass
NV_NT	Band 4	16QAM	5M	1752.5	1	24	1000	1765.000~20000.000	19981.157	-46.05	-13	Pass
NV_NT	Band 4	QPSK	10M	1715.0	1	0	1000	1700.0~1709.0	1700.299	-55.95	-13	Pass
NV_NT	Band 4	QPSK	10M	1715.0	1	0	100.0	1709.0~1710.0	1709.282	-35.87	-13	Pass
NV_NT	Band 4	QPSK	10M	1715.0	50	0	1000	1700.0~1709.0	1704.646	-55.65	-13	Pass
NV_NT	Band 4	QPSK	10M	1715.0	50	0	100.0	1709.0~1710.0	1709.797	-35.73	-13	Pass
NV_NT	Band 4	QPSK	10M	1715.0	1	0	1	0.009~0.150	0.080	-46.67	-13	Pass
NV_NT	Band 4	QPSK	10M	1715.0	1	0	10	0.150~30.000	2.130	-31.52	-13	Pass
NV_NT	Band 4	QPSK	10M	1715.0	1	0	100	30.000~1000.000	872.445	-30.72	-13	Pass
NV_NT	Band 4	QPSK	10M	1715.0	1	0	1000	1000.000~1690.000	1616.929	-55.52	-13	Pass
NV_NT	Band 4	QPSK	10M	1715.0	1	0	1000	1775.000~20000.000	19916.772	-45.63	-13	Pass
NV_NT	Band 4	16QAM	10M	1715.0	1	0	1000	1700.0~1709.0	1701.783	-23.41	-13	Pass
NV_NT	Band 4	16QAM	10M	1715.0	1	0	100.0	1709.0~1710.0	1709.998	-28.22	-13	Pass

NV_NT	Band 4	16QAM	10M	1715.0	50	0	1000	1700.0~1709.0	1707.942	-30.66	-13	Pass
NV_NT	Band 4	16QAM	10M	1715.0	50	0	100.0	1709.0~1710.0	1709.998	-30.47	-13	Pass
NV_NT	Band 4	16QAM	10M	1715.0	1	0	1	0.009~0.150	0.012	-54.77	-13	Pass
NV_NT	Band 4	16QAM	10M	1715.0	1	0	10	0.150~30.000	0.160	-56.02	-13	Pass
NV_NT	Band 4	16QAM	10M	1715.0	1	0	100	30.000~1000.000	699.785	-31.37	-13	Pass
NV_NT	Band 4	16QAM	10M	1715.0	1	0	1000	1000.000~1690.000	1586.546	-55.37	-13	Pass
NV_NT	Band 4	16QAM	10M	1715.0	1	0	1000	1775.000~20000.000	19552.272	-45.81	-13	Pass
NV_NT	Band 4	QPSK	10M	1732.5	50	0	1	0.009~0.150	0.009	-55.04	-13	Pass
NV_NT	Band 4	QPSK	10M	1732.5	50	0	10	0.150~30.000	0.150	-56.30	-13	Pass
NV_NT	Band 4	QPSK	10M	1732.5	50	0	100	30.000~1000.000	812.176	-31.34	-13	Pass
NV_NT	Band 4	QPSK	10M	1732.5	50	0	1000	1000.000~1700.000	1699.253	-55.11	-13	Pass
NV_NT	Band 4	QPSK	10M	1732.5	50	0	1000	1765.000~20000.000	19530.145	-46.17	-13	Pass
NV_NT	Band 4	16QAM	10M	1732.5	50	0	1	0.009~0.150	0.013	-55.16	-13	Pass
NV_NT	Band 4	16QAM	10M	1732.5	50	0	10	0.150~30.000	0.177	-56.11	-13	Pass
NV_NT	Band 4	16QAM	10M	1732.5	50	0	100	30.000~1000.000	959.583	-31.18	-13	Pass
NV_NT	Band 4	16QAM	10M	1732.5	50	0	1000	1000.000~1700.000	1549.197	-55.15	-13	Pass
NV_NT	Band 4	16QAM	10M	1732.5	50	0	1000	1765.000~20000.000	19896.668	-46.03	-13	Pass
NV_NT	Band 4	QPSK	10M	1750.0	1	49	100.0	1755.0~1756.0	1755.001	-29.28	-13	Pass
NV_NT	Band 4	QPSK	10M	1750.0	1	49	1000	1756.0~1765.0	1763.157	-26.18	-13	Pass
NV_NT	Band 4	QPSK	10M	1750.0	50	0	100.0	1755.0~1756.0	1755.001	-30.26	-13	Pass
NV_NT	Band 4	QPSK	10M	1750.0	50	0	1000	1756.0~1765.0	1756.144	-28.16	-13	Pass
NV_NT	Band 4	QPSK	10M	1750.0	1	49	1	0.009~0.150	0.010	-51.86	-13	Pass
NV_NT	Band 4	QPSK	10M	1750.0	1	49	10	0.150~30.000	0.151	-57.69	-13	Pass
NV_NT	Band 4	QPSK	10M	1750.0	1	49	100	30.000~1000.000	483.637	-31.10	-13	Pass
NV_NT	Band 4	QPSK	10M	1750.0	1	49	1000	1000.000~1690.000	1643.977	-55.16	-13	Pass
NV_NT	Band 4	QPSK	10M	1750.0	1	49	1000	1775.000~20000.000	19926.493	-46.21	-13	Pass
NV_NT	Band 4	16QAM	10M	1750.0	1	49	100.0	1755.0~1756.0	1755.002	-27.59	-13	Pass
NV_NT	Band 4	16QAM	10M	1750.0	1	49	1000	1756.0~1765.0	1759.056	-39.65	-13	Pass
NV_NT	Band 4	16QAM	10M	1750.0	50	0	100.0	1755.0~1756.0	1755.001	-42.57	-13	Pass
NV_NT	Band 4	16QAM	10M	1750.0	50	0	1000	1756.0~1765.0	1756.440	-37.54	-13	Pass
NV_NT	Band 4	16QAM	10M	1750.0	1	49	1	0.009~0.150	0.131	-43.79	-13	Pass
NV_NT	Band 4	16QAM	10M	1750.0	1	49	10	0.150~30.000	2.327	-28.44	-13	Pass
NV_NT	Band 4	16QAM	10M	1750.0	1	49	100	30.000~1000.000	963.657	-31.97	-13	Pass
NV_NT	Band 4	16QAM	10M	1750.0	1	49	1000	1000.000~1690.000	1574.172	-55.20	-13	Pass
NV_NT	Band 4	16QAM	10M	1750.0	1	49	1000	1775.000~20000.000	19519.467	-46.49	-13	Pass
NV_NT	Band 4	QPSK	15M	1717.5	1	0	1000	1695.0~1709.0	1697.534	-26.84	-13	Pass
NV_NT	Band 4	QPSK	15M	1717.5	1	0	150.0	1709.0~1710.0	1710.000	-27.03	-13	Pass
NV_NT	Band 4	QPSK	15M	1717.5	75	0	1000	1695.0~1709.0	1708.875	-30.01	-13	Pass
NV_NT	Ban	QPSK	15M	1717.5	75	0	150.0	1709.0~1710.0	1709.99	-34.77	-13	Pass

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NV_NT	Band 4	QPSK	15M	1717.5	1	0	1	0.009~0.150	0.010	-54.77	-13	Pass
NV_NT	Band 4	QPSK	15M	1717.5	1	0	10	0.150~30.000	0.162	-56.59	-13	Pass
NV_NT	Band 4	QPSK	15M	1717.5	1	0	100	30.000~1000.000	745.246	-31.48	-13	Pass
NV_NT	Band 4	QPSK	15M	1717.5	1	0	1000	1000.000~1680.000	1593.527	-55.07	-13	Pass
NV_NT	Band 4	QPSK	15M	1717.5	1	0	1000	1785.000~20000.000	19970.249	-46.01	-13	Pass
NV_NT	Band 4	16QAM	15M	1717.5	1	0	1000	1695.0~1709.0	1704.360	-32.91	-13	Pass
NV_NT	Band 4	16QAM	15M	1717.5	1	0	150.0	1709.0~1710.0	1709.993	-30.52	-13	Pass
NV_NT	Band 4	16QAM	15M	1717.5	75	0	1000	1695.0~1709.0	1707.667	-30.20	-13	Pass
NV_NT	Band 4	16QAM	15M	1717.5	75	0	150.0	1709.0~1710.0	1709.366	-38.07	-13	Pass
NV_NT	Band 4	16QAM	15M	1717.5	1	0	1	0.009~0.150	0.120	-47.05	-13	Pass
NV_NT	Band 4	16QAM	15M	1717.5	1	0	10	0.150~30.000	2.124	-31.13	-13	Pass
NV_NT	Band 4	16QAM	15M	1717.5	1	0	100	30.000~1000.000	794.037	-31.58	-13	Pass
NV_NT	Band 4	16QAM	15M	1717.5	1	0	1000	1000.000~1680.000	1665.199	-55.54	-13	Pass
NV_NT	Band 4	16QAM	15M	1717.5	1	0	1000	1785.000~20000.000	19536.732	-46.29	-13	Pass
NV_NT	Band 4	QPSK	15M	1732.5	75	0	1	0.009~0.150	0.010	-55.12	-13	Pass
NV_NT	Band 4	QPSK	15M	1732.5	75	0	10	0.150~30.000	0.157	-56.34	-13	Pass
NV_NT	Band 4	QPSK	15M	1732.5	75	0	100	30.000~1000.000	816.638	-31.26	-13	Pass
NV_NT	Band 4	QPSK	15M	1732.5	75	0	1000	1000.000~1695.000	1694.050	-53.34	-13	Pass
NV_NT	Band 4	QPSK	15M	1732.5	75	0	1000	1770.000~20000.000	19982.378	-45.98	-13	Pass
NV_NT	Band 4	16QAM	15M	1732.5	75	0	1	0.009~0.150	0.010	-53.47	-13	Pass
NV_NT	Band 4	16QAM	15M	1732.5	75	0	10	0.150~30.000	0.154	-55.13	-13	Pass
NV_NT	Band 4	16QAM	15M	1732.5	75	0	100	30.000~1000.000	871.863	-31.89	-13	Pass
NV_NT	Band 4	16QAM	15M	1732.5	75	0	1000	1000.000~1695.000	1694.444	-53.60	-13	Pass
NV_NT	Band 4	16QAM	15M	1732.5	75	0	1000	1770.000~20000.000	19526.020	-46.00	-13	Pass
NV_NT	Band 4	QPSK	15M	1747.5	1	74	150.0	1755.0~1756.0	1755.001	-26.88	-13	Pass
NV_NT	Band 4	QPSK	15M	1747.5	1	74	1000	1756.0~1770.0	1767.505	-27.12	-13	Pass
NV_NT	Band 4	QPSK	15M	1747.5	75	0	150.0	1755.0~1756.0	1755.007	-33.28	-13	Pass
NV_NT	Band 4	QPSK	15M	1747.5	75	0	1000	1756.0~1770.0	1757.343	-25.43	-13	Pass
NV_NT	Band 4	QPSK	15M	1747.5	1	74	1	0.009~0.150	0.009	-55.07	-13	Pass
NV_NT	Band 4	QPSK	15M	1747.5	1	74	10	0.150~30.000	0.171	-58.53	-13	Pass
NV_NT	Band 4	QPSK	15M	1747.5	1	74	100	30.000~1000.000	785.856	-31.35	-13	Pass
NV_NT	Band 4	QPSK	15M	1747.5	1	74	1000	1000.000~1680.000	1676.101	-55.24	-13	Pass
NV_NT	Band 4	QPSK	15M	1747.5	1	74	1000	1785.000~20000.000	19945.355	-46.08	-13	Pass
NV_NT	Band 4	16QAM	15M	1747.5	1	74	150.0	1755.0~1756.0	1755.002	-26.64	-13	Pass
NV_NT	Band 4	16QAM	15M	1747.5	1	74	1000	1756.0~1770.0	1767.453	-25.76	-13	Pass
NV_NT	Band 4	16QAM	15M	1747.5	75	0	150.0	1755.0~1756.0	1755.005	-35.34	-13	Pass
NV_NT	Band 4	16QAM	15M	1747.5	75	0	1000	1756.0~1770.0	1757.077	-26.55	-13	Pass
NV_NT	Band 4	16QAM	15M	1747.5	1	74	1	0.009~0.150	0.011	-54.44	-13	Pass

NV_NT	Band 4	16QAM	15M	1747.5	1	74	10	0.150~30.000	0.156	-56.86	-13	Pass
NV_NT	Band 4	16QAM	15M	1747.5	1	74	100	30.000~1000.000	934.945	-31.49	-13	Pass
NV_NT	Band 4	16QAM	15M	1747.5	1	74	1000	1000.000~1680.000	1557.645	-55.37	-13	Pass
NV_NT	Band 4	16QAM	15M	1747.5	1	74	1000	1785.000~20000.000	19924.104	-46.25	-13	Pass
NV_NT	Band 4	QPSK	20M	1720.0	100	0	1000	1690.0~1709.0	1706.771	-35.41	-13	Pass
NV_NT	Band 4	QPSK	20M	1720.0	100	0	200.0	1709.0~1710.0	1709.991	-37.20	-13	Pass
NV_NT	Band 4	QPSK	20M	1720.0	1	0	1000	1690.0~1709.0	1693.278	-30.07	-13	Pass
NV_NT	Band 4	QPSK	20M	1720.0	1	0	200.0	1709.0~1710.0	1709.798	-27.91	-13	Pass
NV_NT	Band 4	QPSK	20M	1720.0	1	0	1	0.009~0.150	0.012	-53.70	-13	Pass
NV_NT	Band 4	QPSK	20M	1720.0	1	0	10	0.150~30.000	0.152	-57.63	-13	Pass
NV_NT	Band 4	QPSK	20M	1720.0	1	0	100	30.000~1000.000	861.161	-31.16	-13	Pass
NV_NT	Band 4	QPSK	20M	1720.0	1	0	1000	1000.000~1670.000	1545.916	-54.97	-13	Pass
NV_NT	Band 4	QPSK	20M	1720.0	1	0	1000	1795.000~20000.000	19935.676	-46.03	-13	Pass
NV_NT	Band 4	16QAM	20M	1720.0	100	0	1000	1690.0~1709.0	1706.819	-33.68	-13	Pass
NV_NT	Band 4	16QAM	20M	1720.0	100	0	200.0	1709.0~1710.0	1709.998	-37.97	-13	Pass
NV_NT	Band 4	16QAM	20M	1720.0	1	0	1000	1690.0~1709.0	1693.353	-33.58	-13	Pass
NV_NT	Band 4	16QAM	20M	1720.0	1	0	200.0	1709.0~1710.0	1709.996	-29.51	-13	Pass
NV_NT	Band 4	16QAM	20M	1720.0	1	0	1	0.009~0.150	0.009	-50.97	-13	Pass
NV_NT	Band 4	16QAM	20M	1720.0	1	0	10	0.150~30.000	0.156	-55.28	-13	Pass
NV_NT	Band 4	16QAM	20M	1720.0	1	0	100	30.000~1000.000	973.260	-59.94	-13	Pass
NV_NT	Band 4	16QAM	20M	1720.0	1	0	1000	1000.000~1670.000	1655.997	-55.43	-13	Pass
NV_NT	Band 4	16QAM	20M	1720.0	1	0	1000	1795.000~20000.000	19895.018	-46.10	-13	Pass
NV_NT	Band 4	QPSK	20M	1732.5	100	0	1	0.009~0.150	0.010	-55.11	-13	Pass
NV_NT	Band 4	QPSK	20M	1732.5	100	0	10	0.150~30.000	0.153	-57.23	-13	Pass
NV_NT	Band 4	QPSK	20M	1732.5	100	0	100	30.000~1000.000	777.256	-31.74	-13	Pass
NV_NT	Band 4	QPSK	20M	1732.5	100	0	1000	1000.000~1690.000	1689.425	-54.48	-13	Pass
NV_NT	Band 4	QPSK	20M	1732.5	100	0	1000	1775.000~20000.000	1775.000	-43.82	-13	Pass
NV_NT	Band 4	16QAM	20M	1732.5	100	0	1	0.009~0.150	0.011	-55.00	-13	Pass
NV_NT	Band 4	16QAM	20M	1732.5	100	0	10	0.150~30.000	0.157	-56.62	-13	Pass
NV_NT	Band 4	16QAM	20M	1732.5	100	0	100	30.000~1000.000	899.540	-30.87	-13	Pass
NV_NT	Band 4	16QAM	20M	1732.5	100	0	1000	1000.000~1690.000	1689.885	-55.04	-13	Pass
NV_NT	Band 4	16QAM	20M	1732.5	100	0	1000	1775.000~20000.000	19978.130	-45.67	-13	Pass
NV_NT	Band 4	QPSK	20M	1745.0	100	0	200.0	1755.0~1756.0	1755.007	-35.40	-13	Pass
NV_NT	Band 4	QPSK	20M	1745.0	100	0	1000	1756.0~1775.0	1756.129	-30.49	-13	Pass
NV_NT	Band 4	QPSK	20M	1745.0	1	99	200.0	1755.0~1756.0	1755.002	-29.19	-13	Pass
NV_NT	Band 4	QPSK	20M	1745.0	1	99	1000	1756.0~1775.0	1771.734	-26.18	-13	Pass
NV_NT	Band 4	QPSK	20M	1745.0	1	99	1	0.009~0.150	0.010	-54.95	-13	Pass
NV_NT	Band 4	QPSK	20M	1745.0	1	99	10	0.150~30.000	0.153	-53.13	-13	Pass
NV_NT	Ban	QPSK	20M	1745.0	1	99	100	30.000~1000.00	912.894	-31.74	-13	Pass

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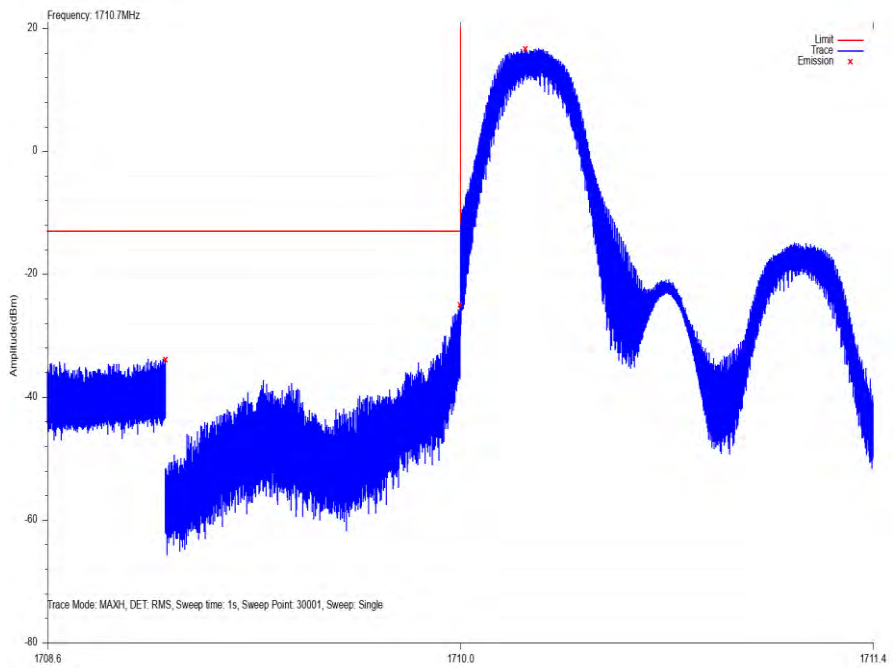
NV_NT	Band 4	QPSK	20M	1745.0	1	99	1000	1000.000~1670.000	1651.374	-55.40	-13	Pass
NV_NT	Band 4	QPSK	20M	1745.0	1	99	1000	1795.000~20000.000	19910.796	-46.09	-13	Pass
NV_NT	Band 4	16QAM	20M	1745.0	100	0	200.0	1755.0~1756.0	1755.005	-35.70	-13	Pass
NV_NT	Band 4	16QAM	20M	1745.0	100	0	1000	1756.0~1775.0	1757.619	-28.85	-13	Pass
NV_NT	Band 4	16QAM	20M	1745.0	1	99	200.0	1755.0~1756.0	1755.004	-30.08	-13	Pass
NV_NT	Band 4	16QAM	20M	1745.0	1	99	1000	1756.0~1775.0	1771.800	-29.45	-13	Pass
NV_NT	Band 4	16QAM	20M	1745.0	1	99	1	0.009~0.150	0.010	-55.57	-13	Pass
NV_NT	Band 4	16QAM	20M	1745.0	1	99	10	0.150~30.000	0.150	-55.18	-13	Pass
NV_NT	Band 4	16QAM	20M	1745.0	1	99	100	30.000~1000.000	890.325	-31.76	-13	Pass
NV_NT	Band 4	16QAM	20M	1745.0	1	99	1000	1000.000~1670.000	1572.805	-55.30	-13	Pass
NV_NT	Band 4	16QAM	20M	1745.0	1	99	1000	1795.000~20000.000	19542.448	-46.21	-13	Pass

LOW_EDGE_65_NT_NV_0_Band_4_QPSK_1_4M_CH19957_1_0



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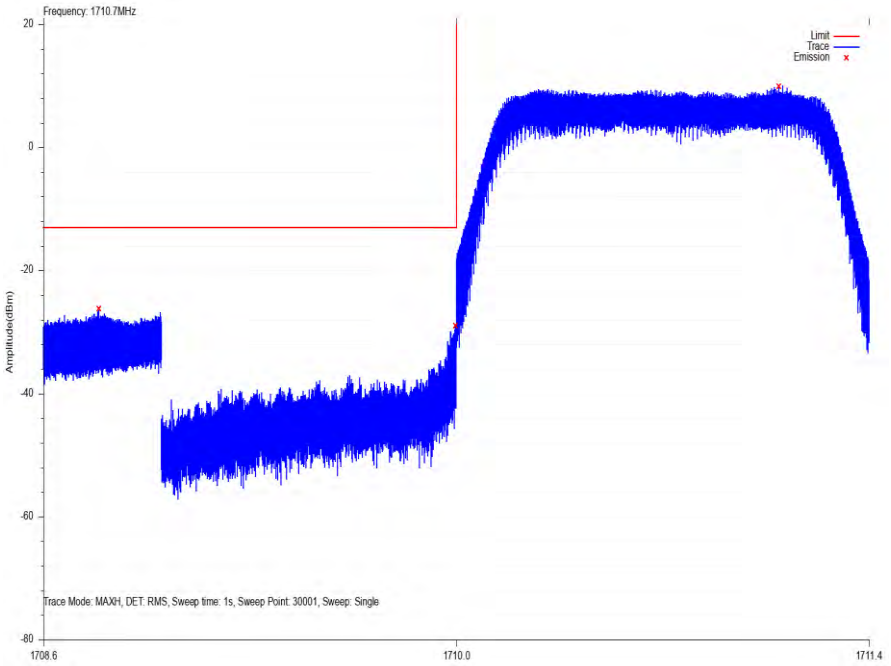

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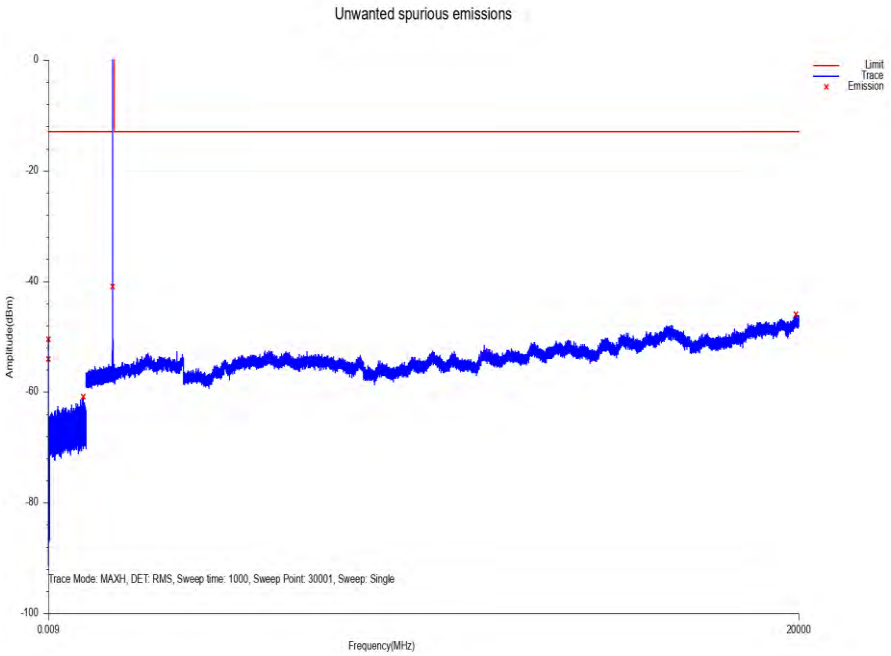

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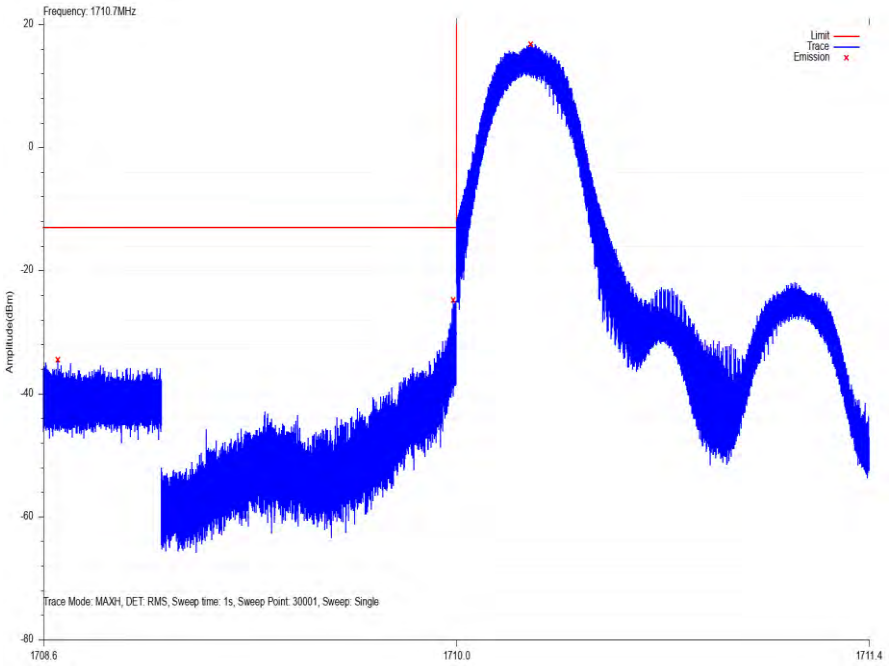
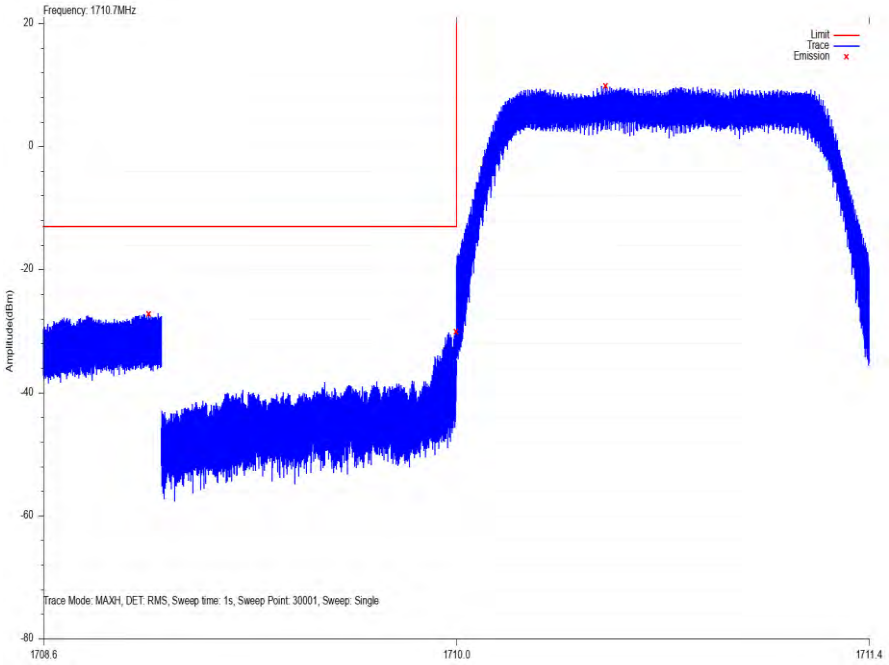


LOW_EDGE_65_NT_NV_0_Band_4_16QAM_1_4M_CH19957_6_0



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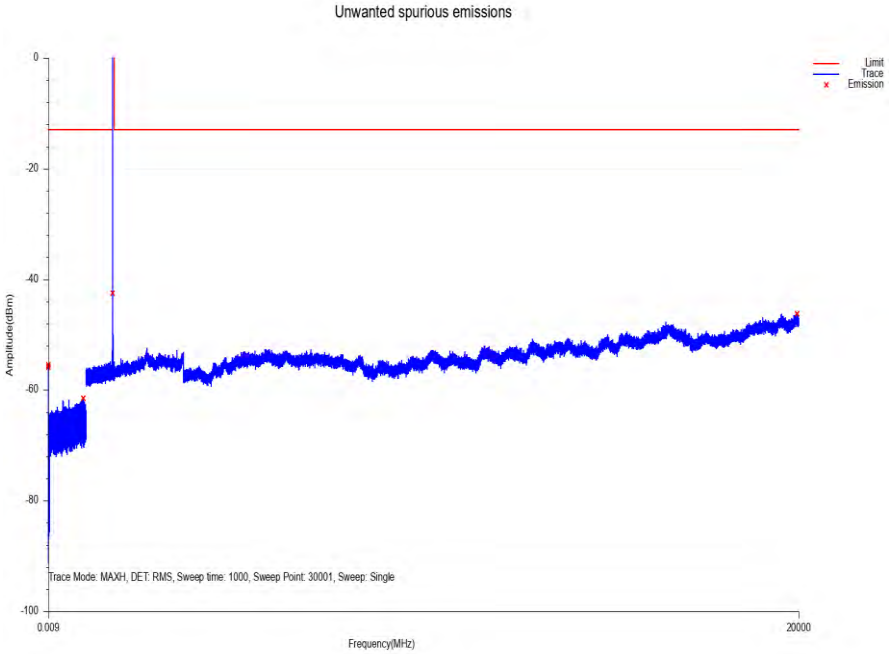

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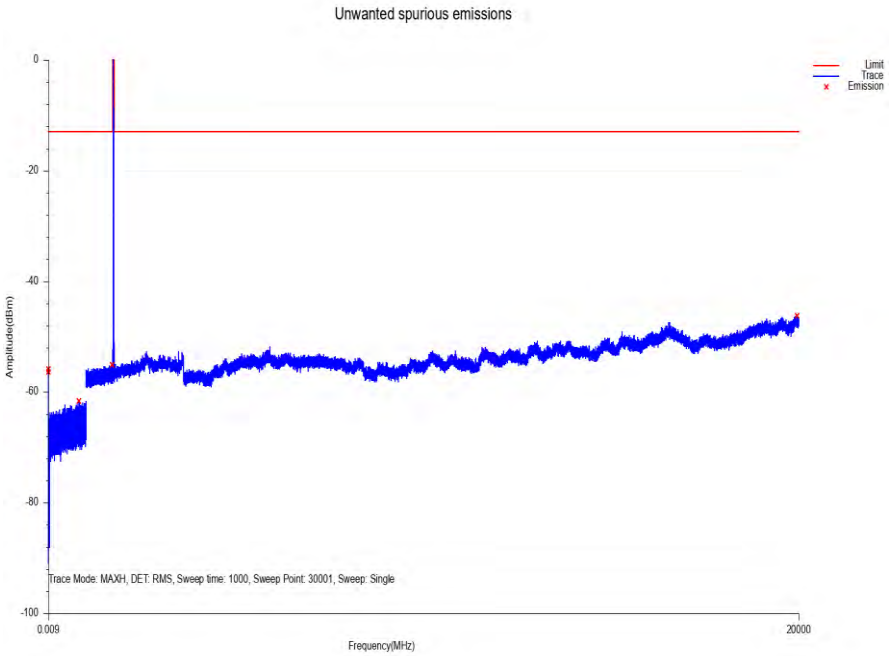

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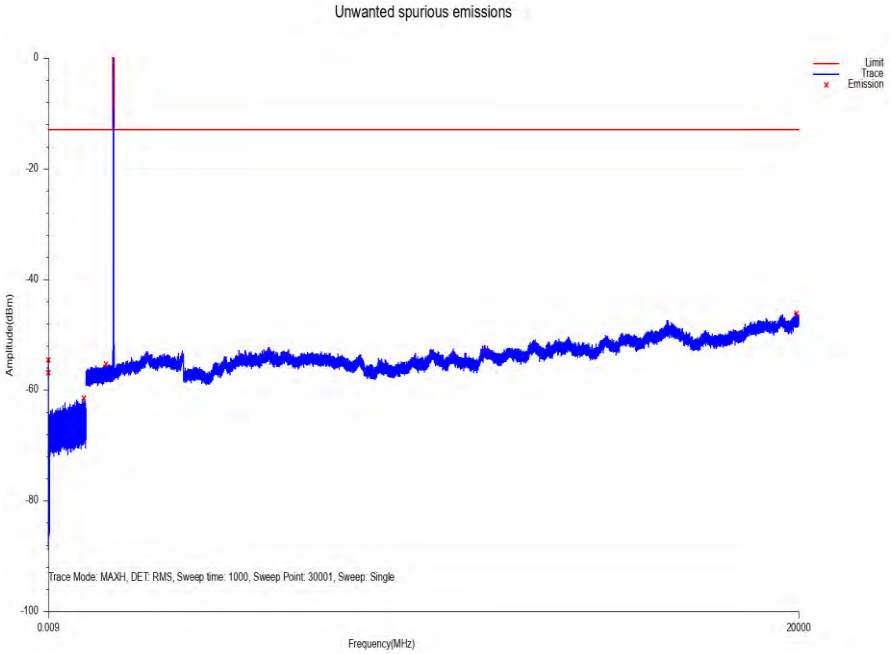

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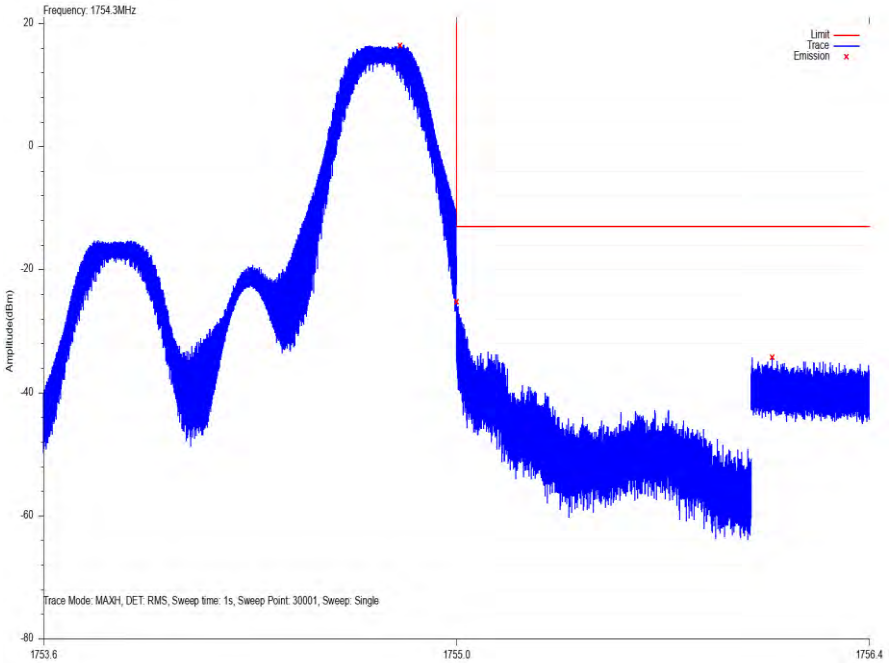

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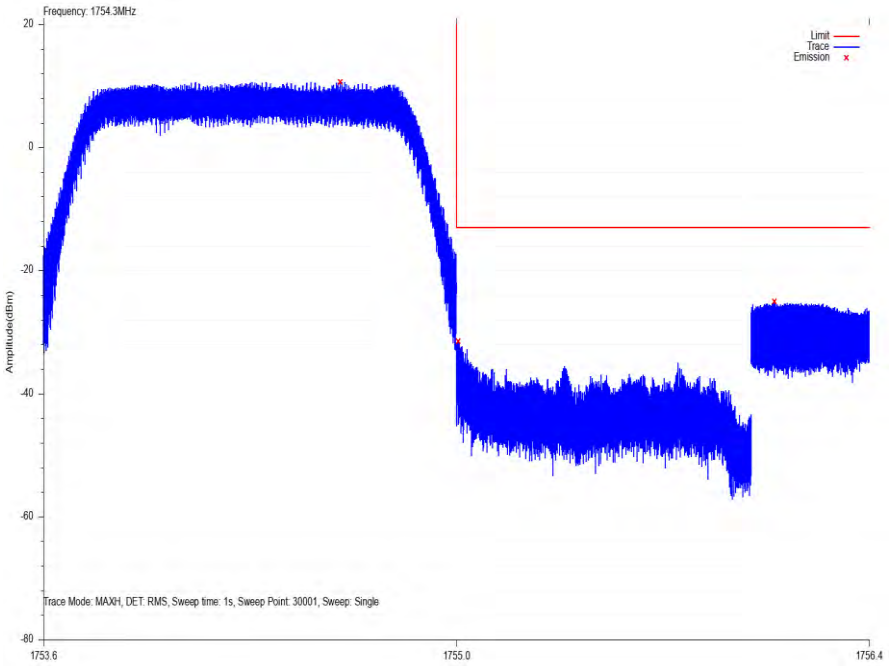

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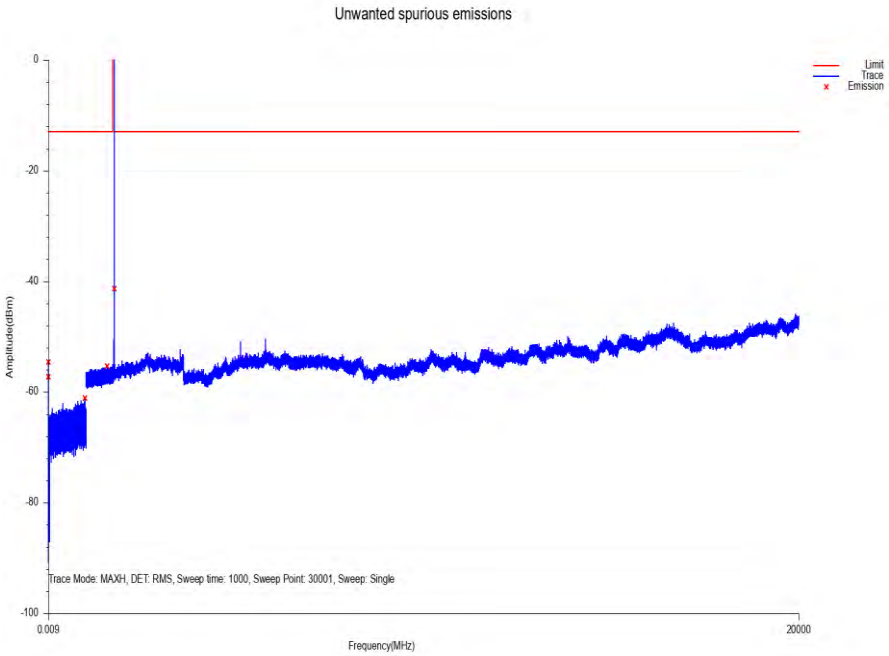

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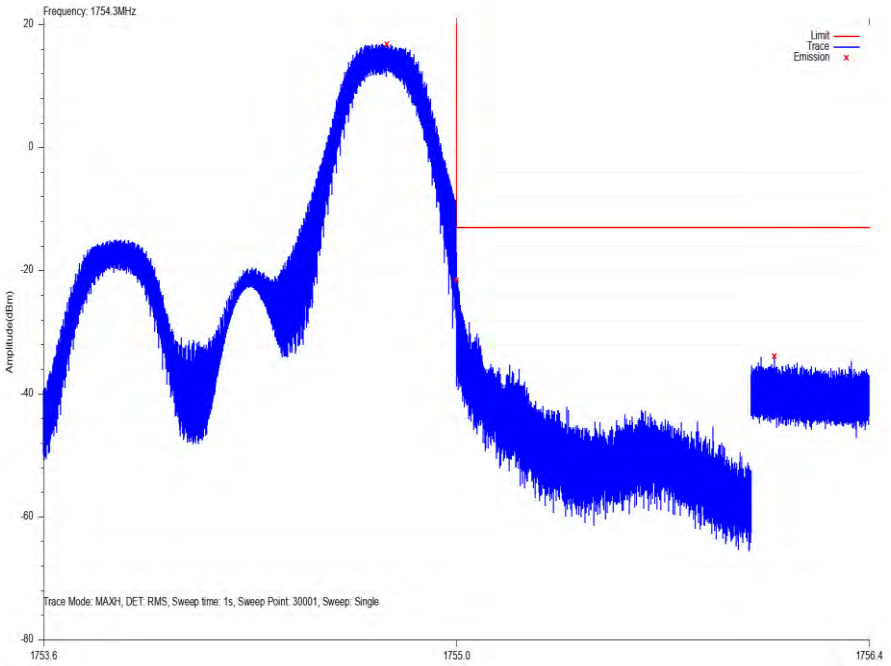

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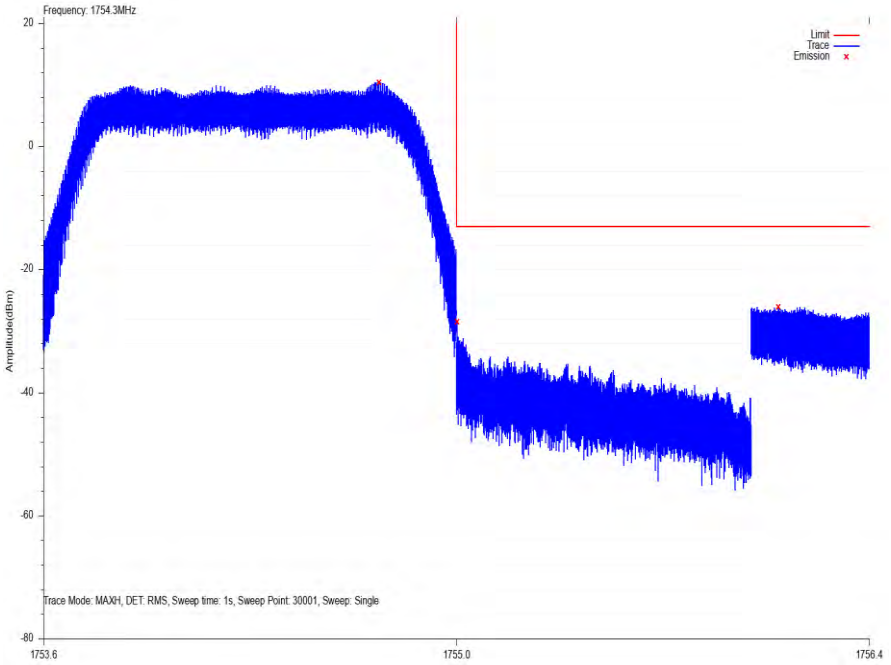

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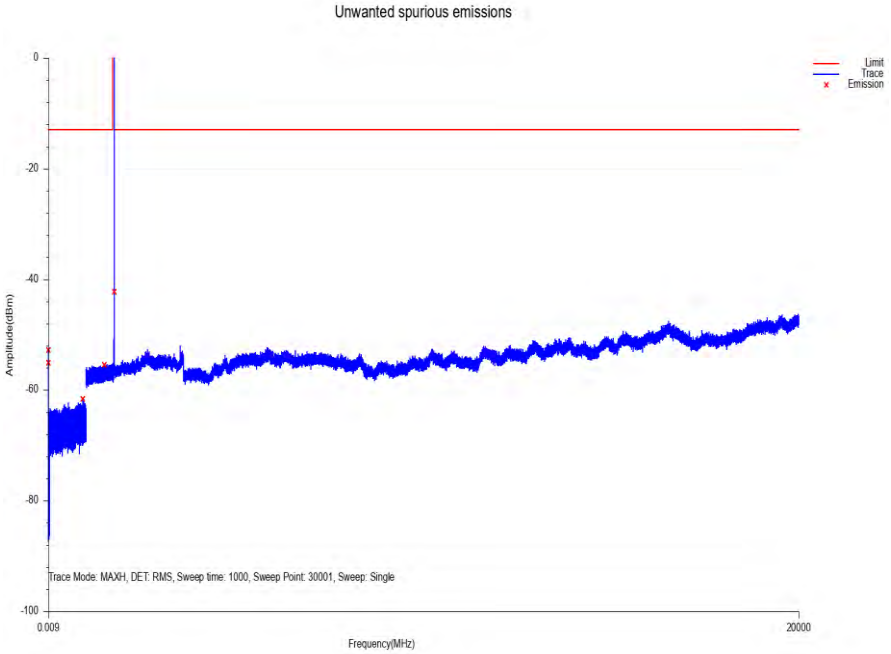
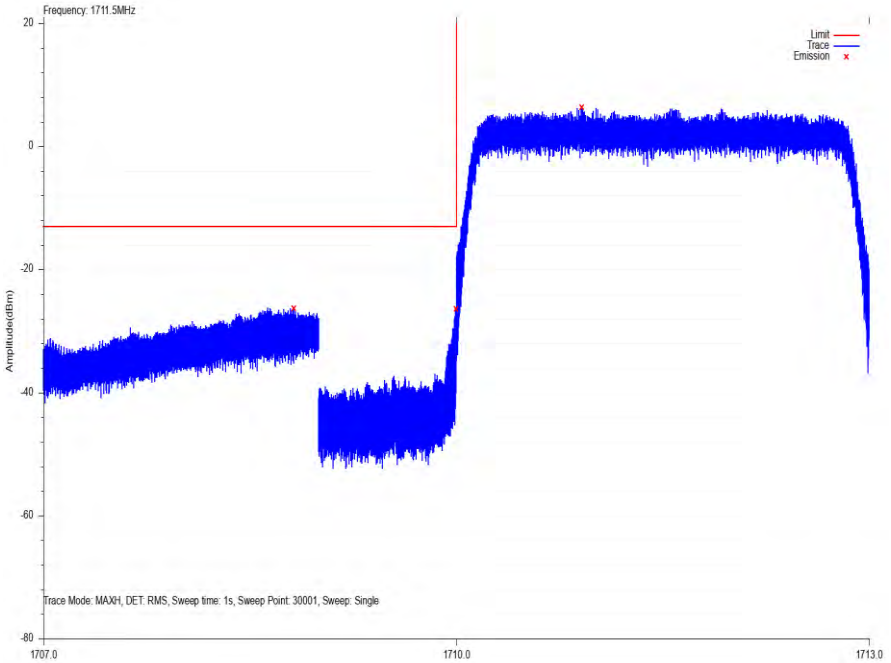


LOW_EDGE_65_NT_NV_0_Band_4_QPSK_3M_CH19965_15_0



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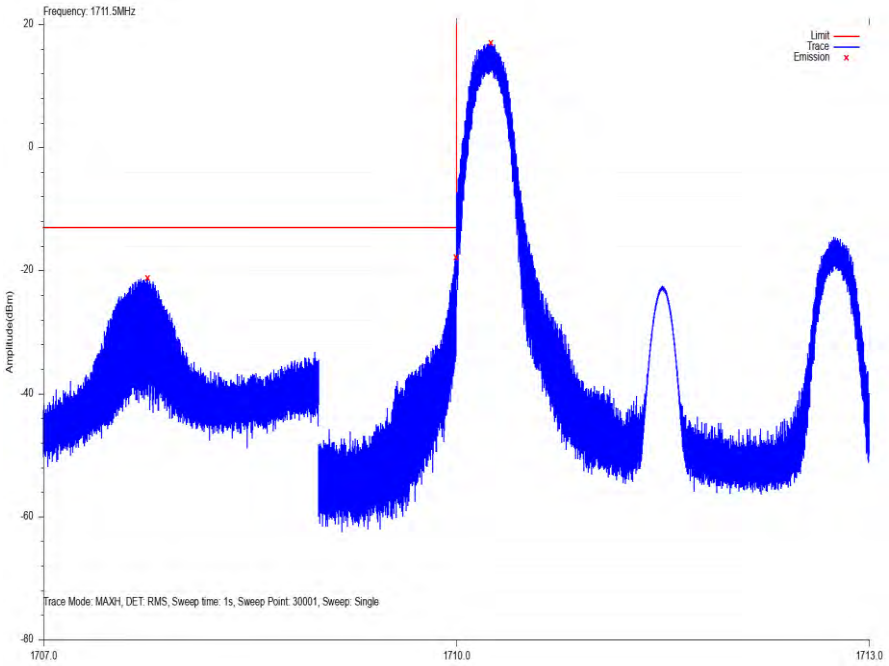

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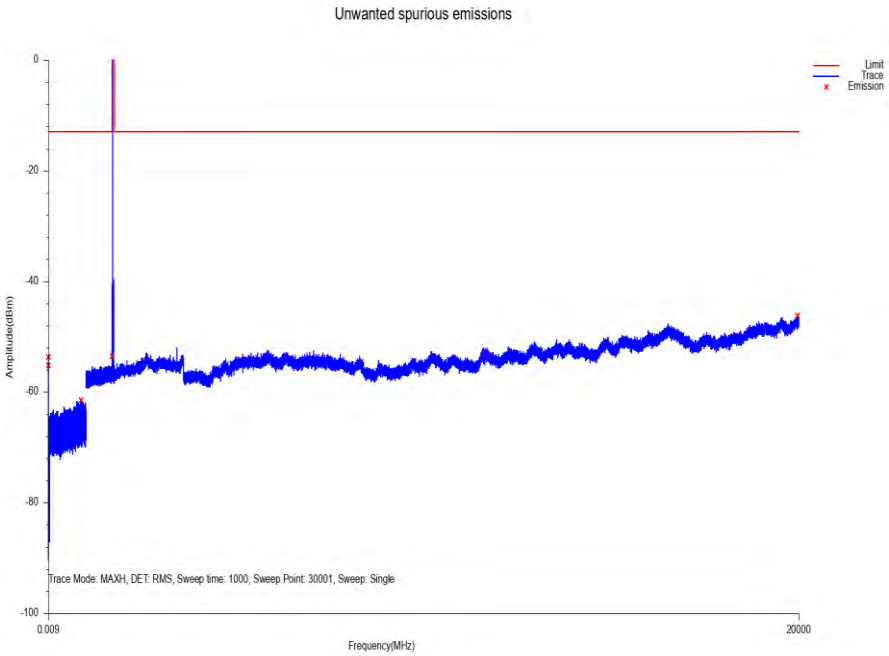

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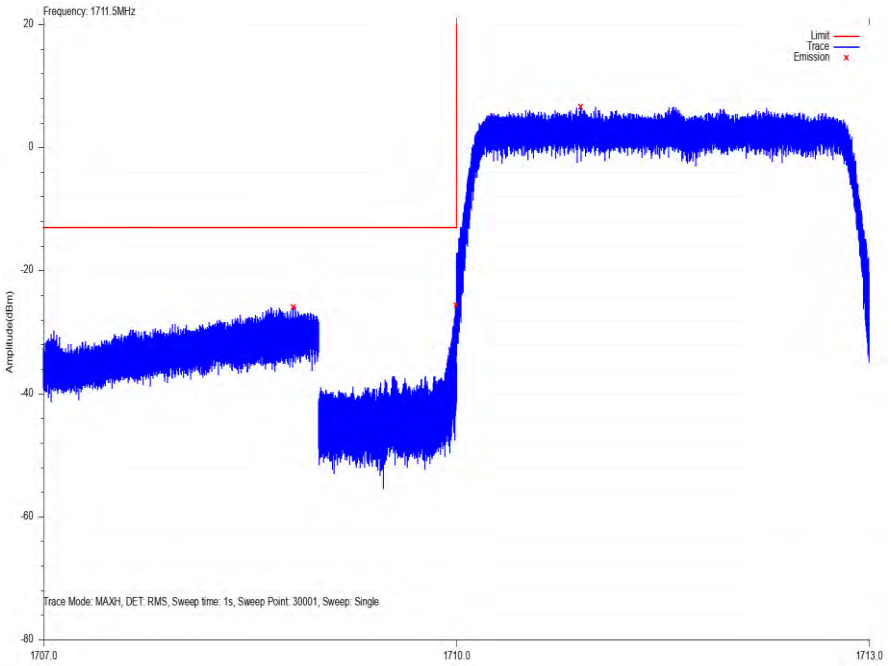

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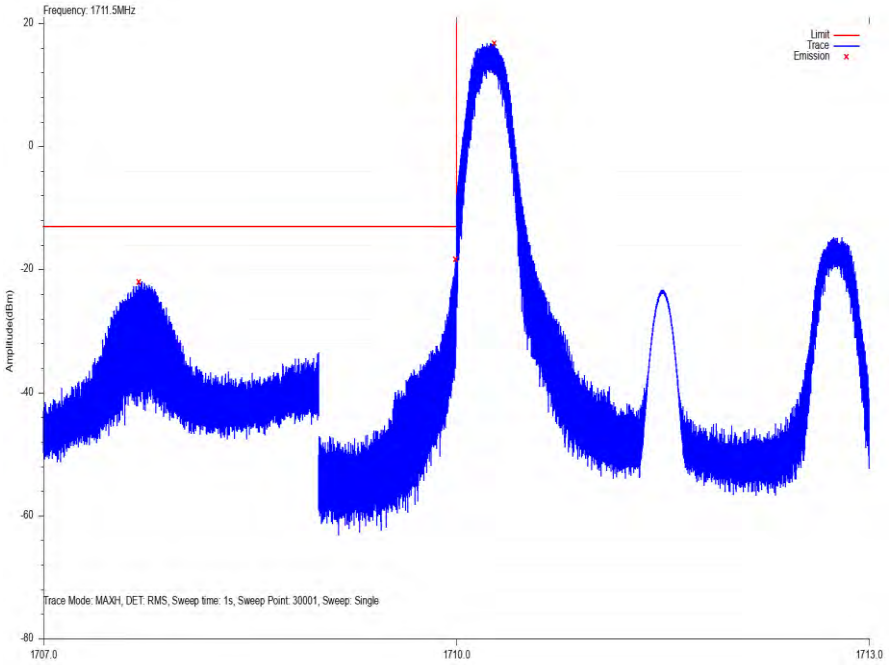

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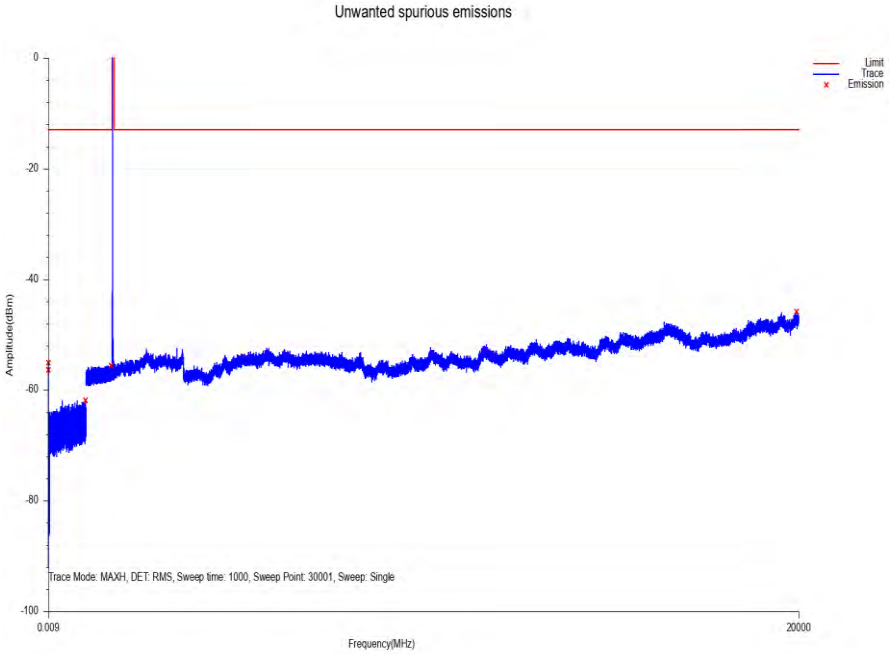

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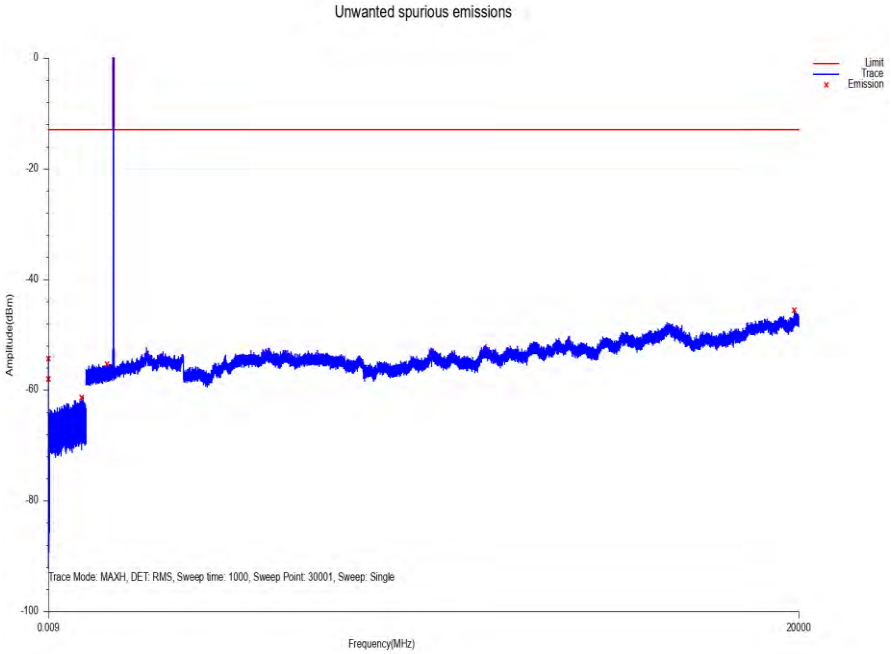

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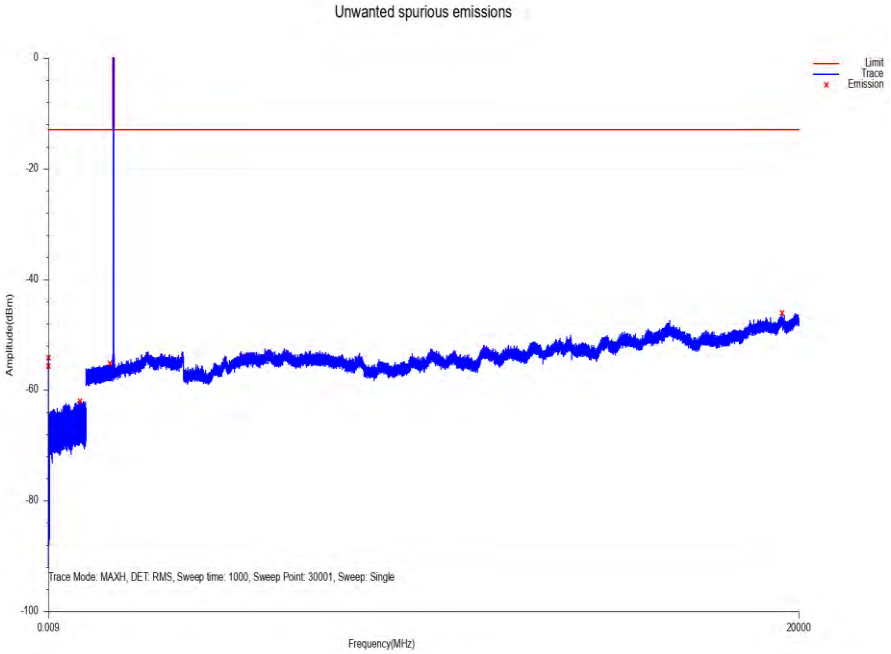
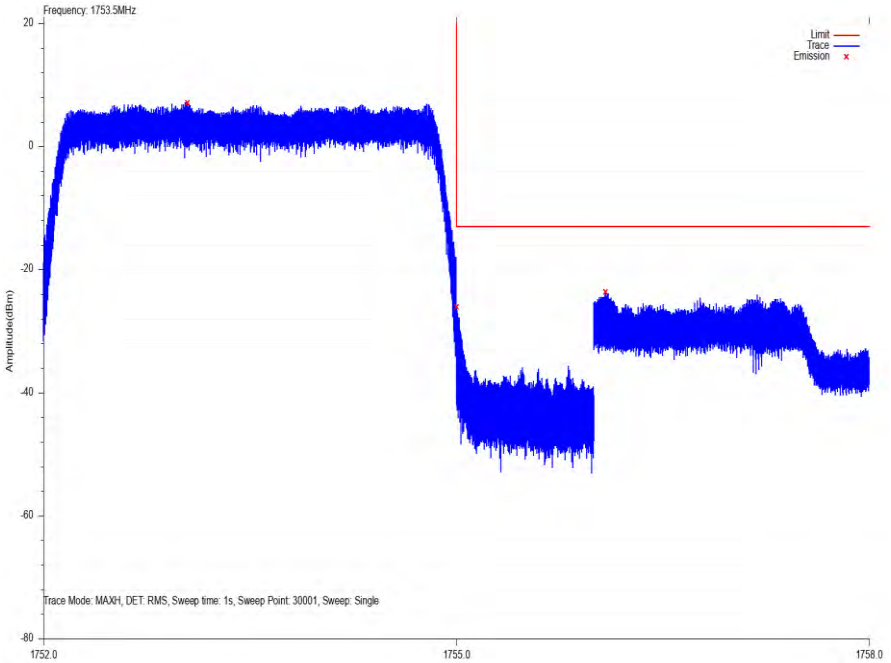


UPPER_EDGE_65_NT_NV_0_Band_4_QPSK_3M_CH20385_15_0



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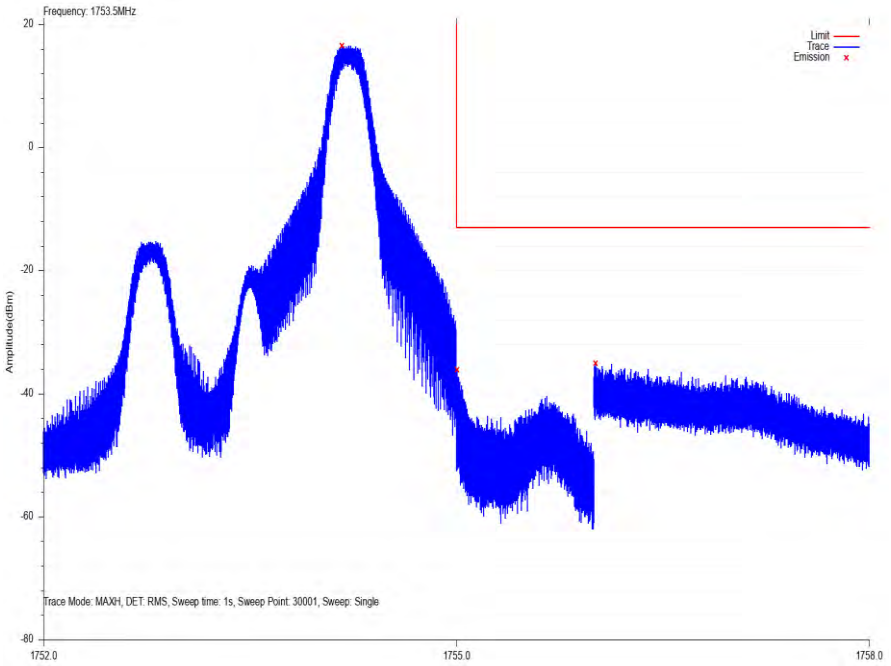

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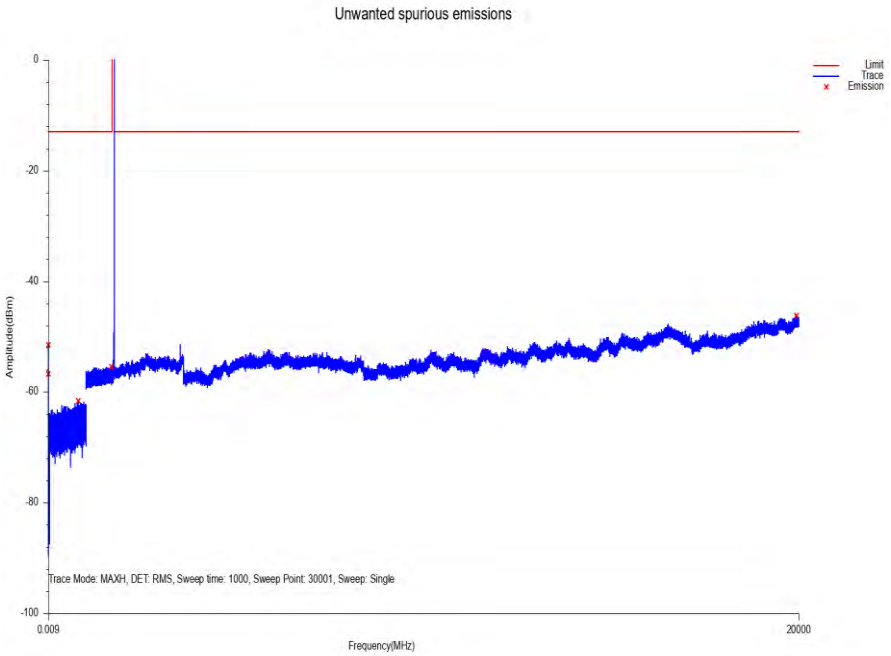

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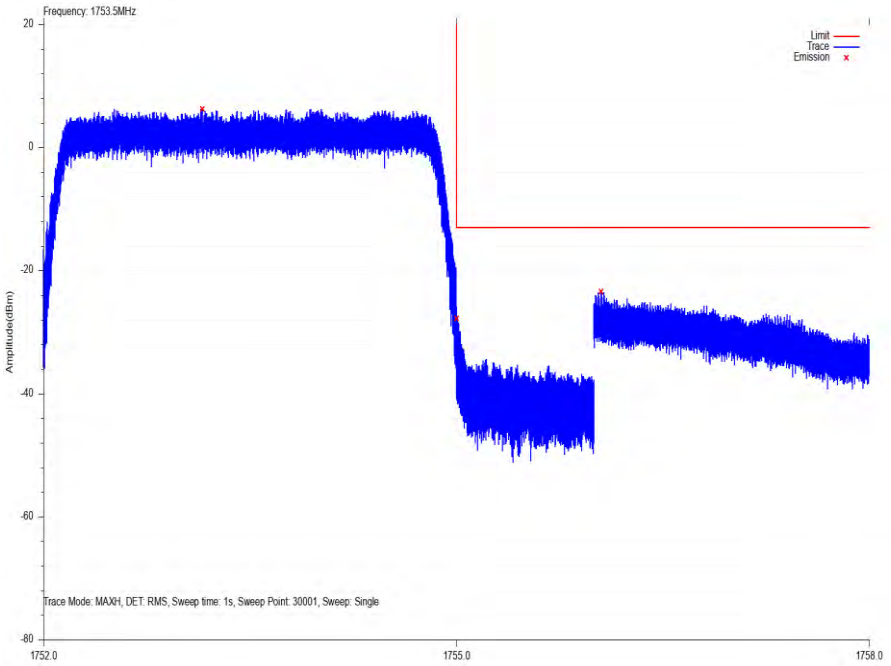

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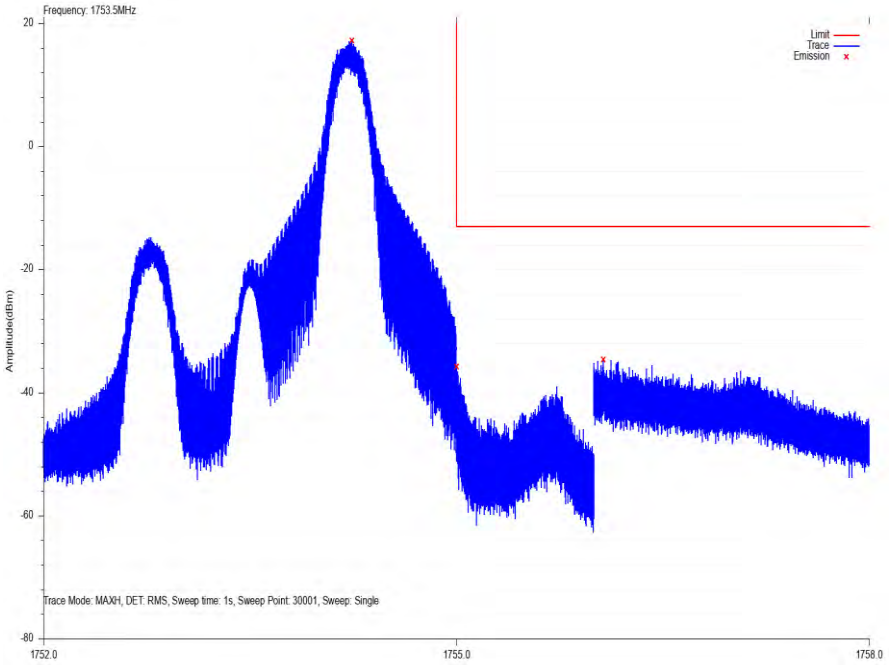

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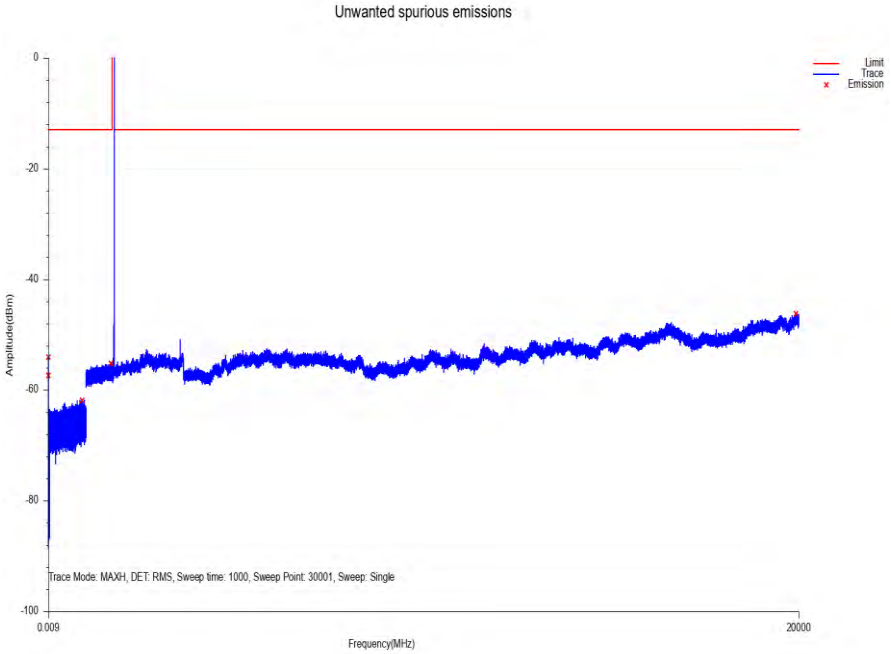

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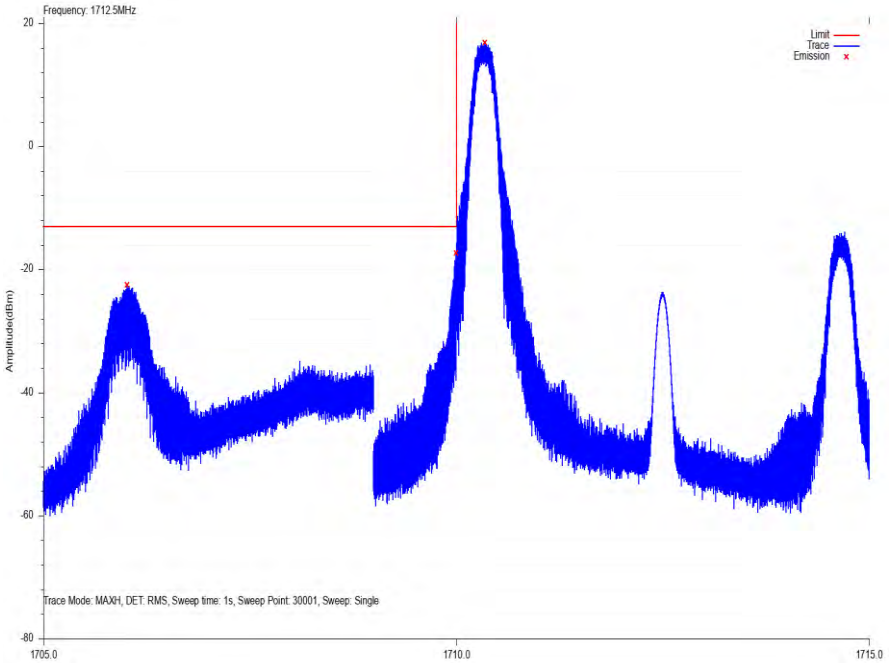

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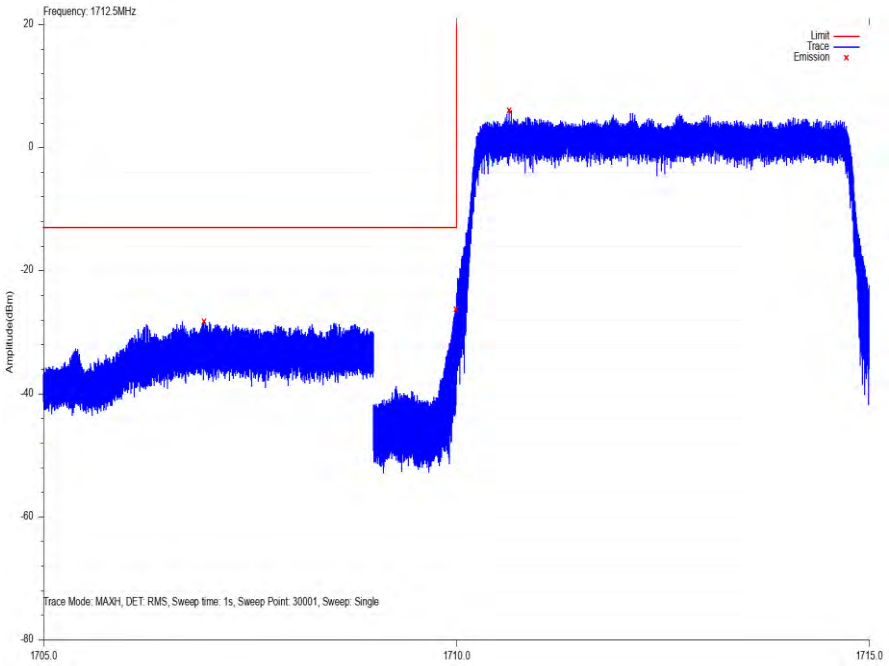

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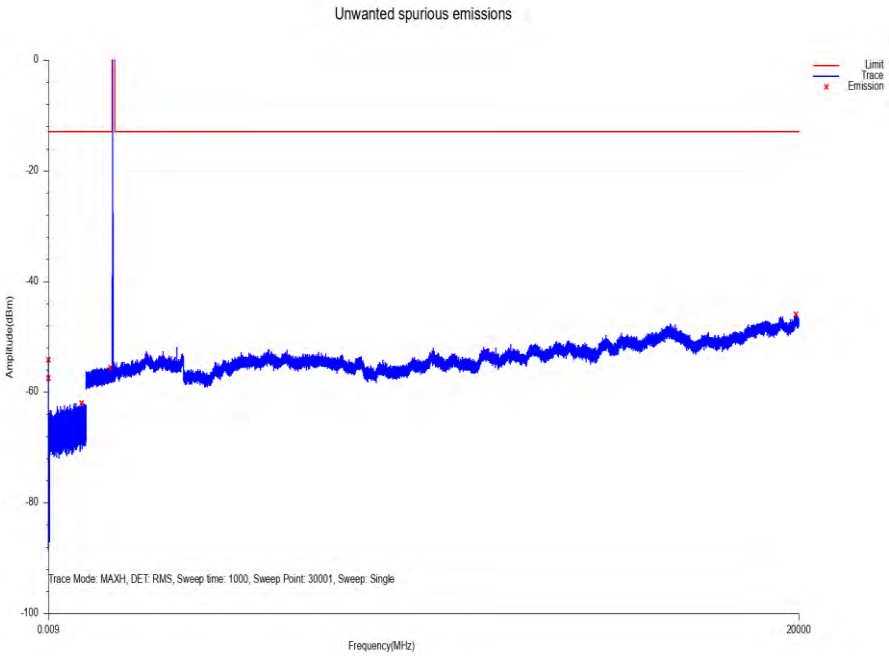

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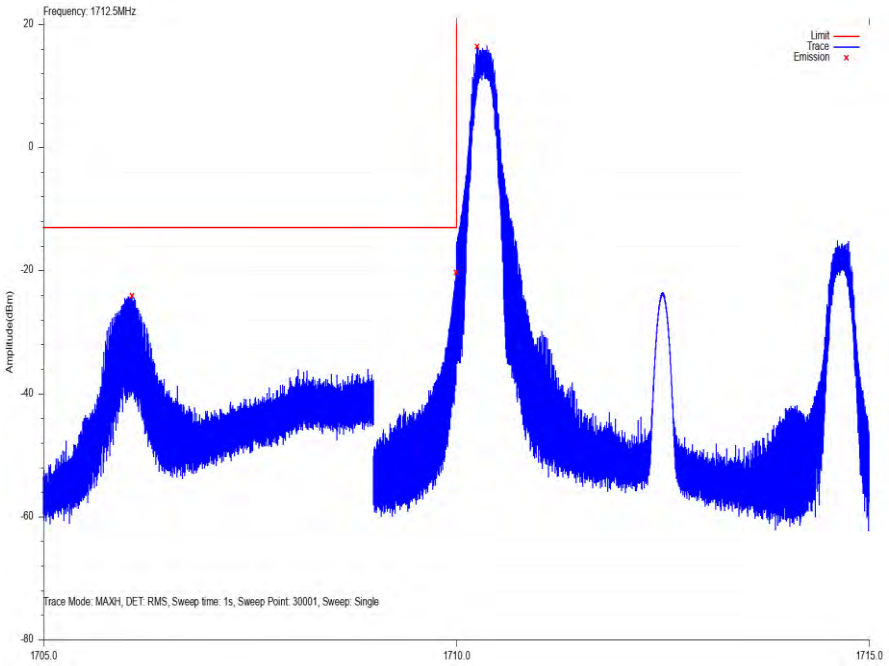

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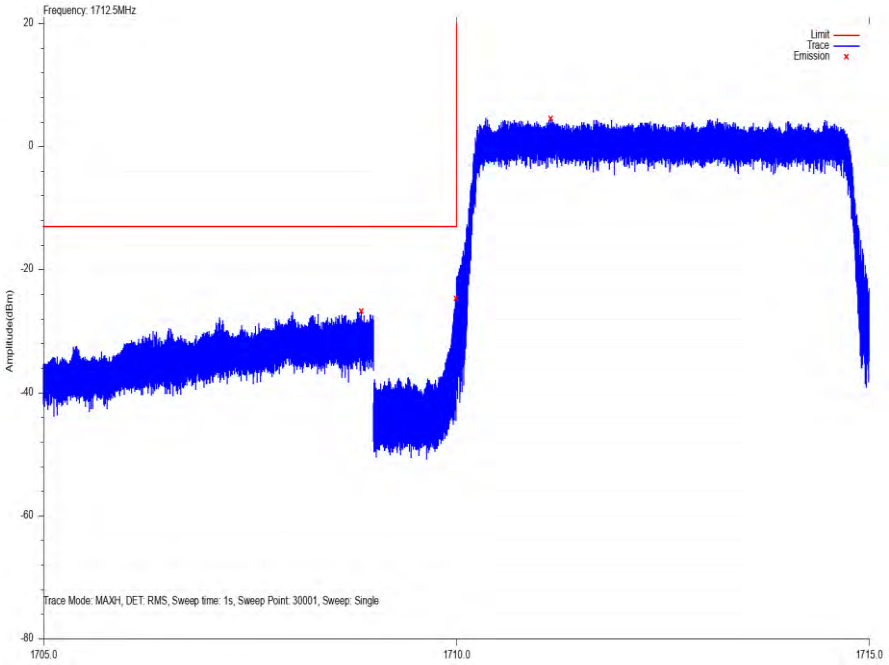

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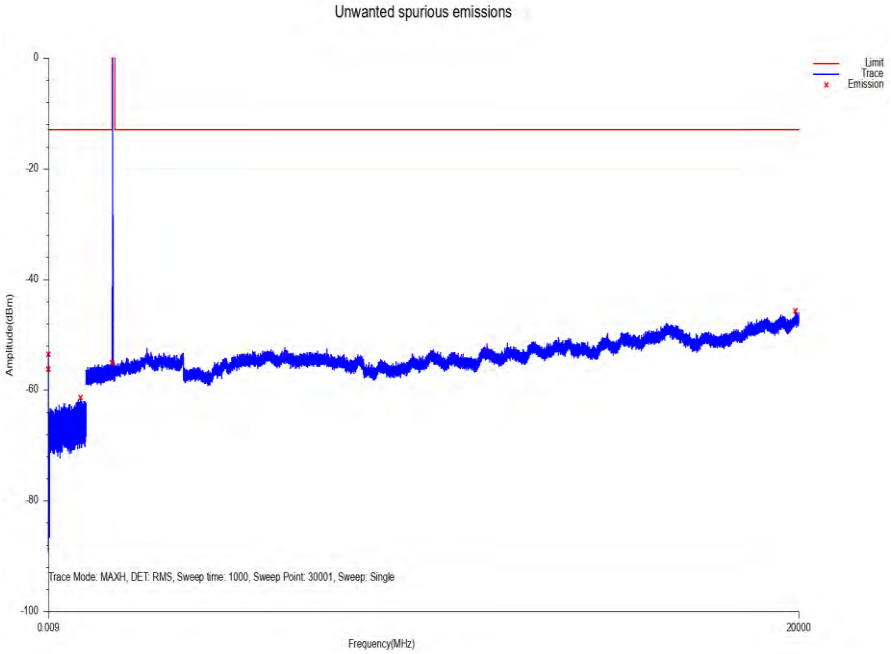

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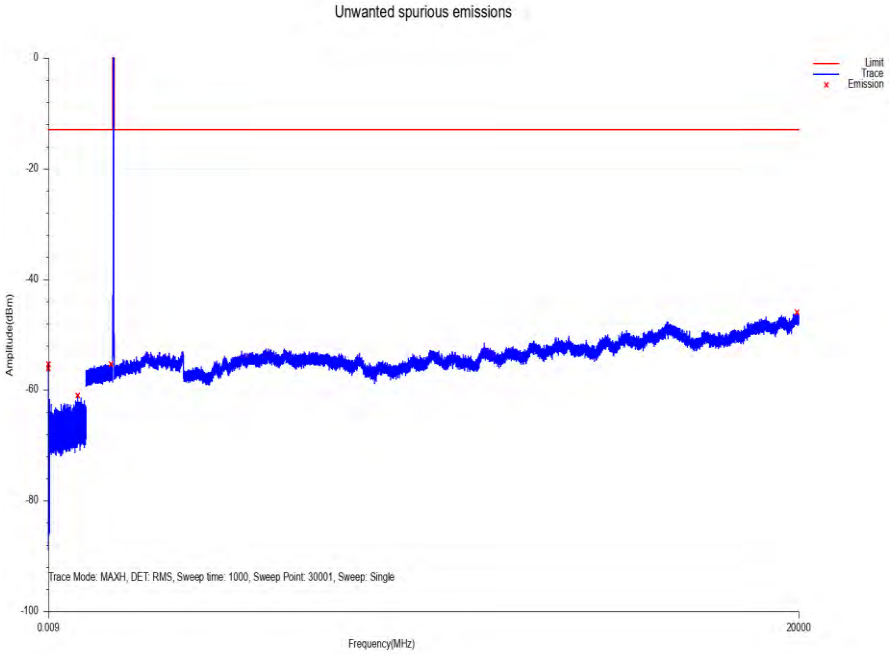

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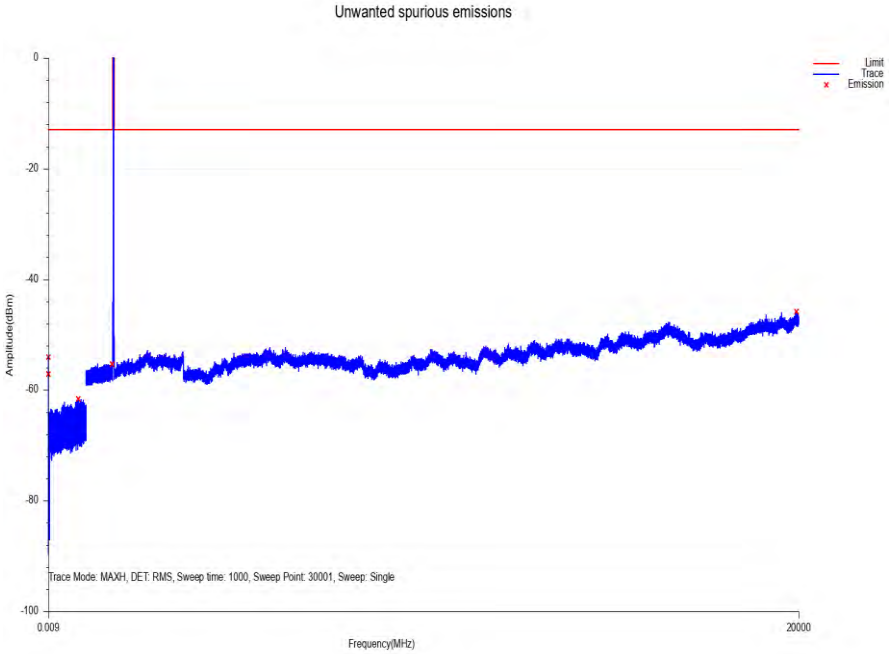
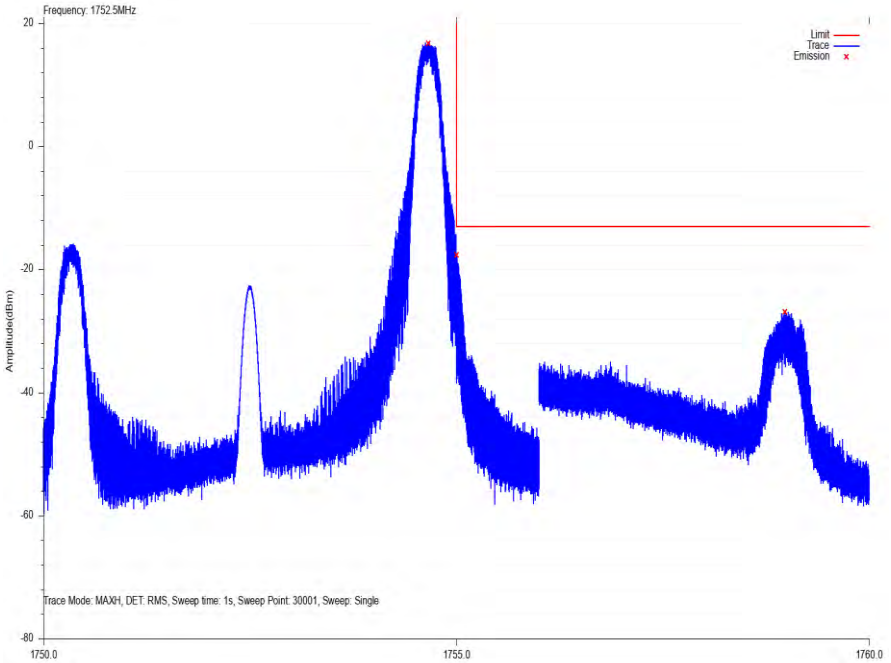


UPPER_EDGE_65_NT_NV_0_Band_4_QPSK_5M_CH20375_1_24



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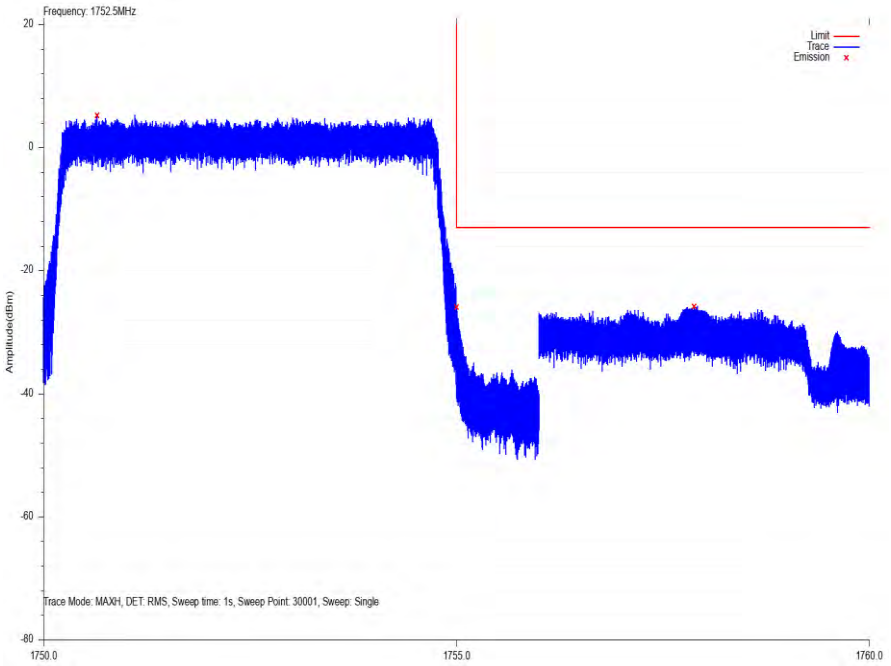
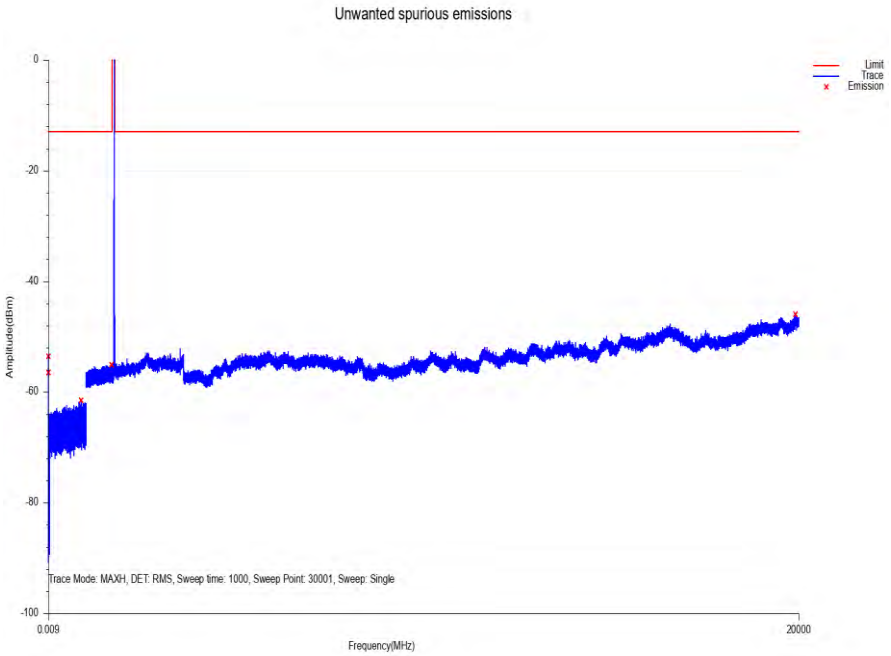
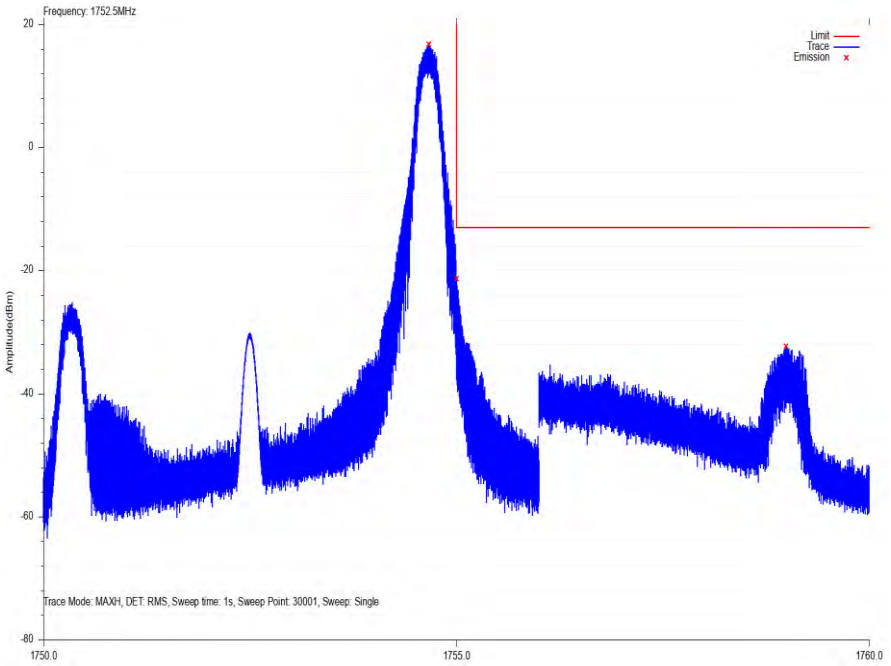


SA_65_NT_NV_0_Band_4_QPSK_5M_CH20375_1_24



UPPER_EDGE_65_NT_NV_0_Band_4_16QAM_5M_CH20375_1_24



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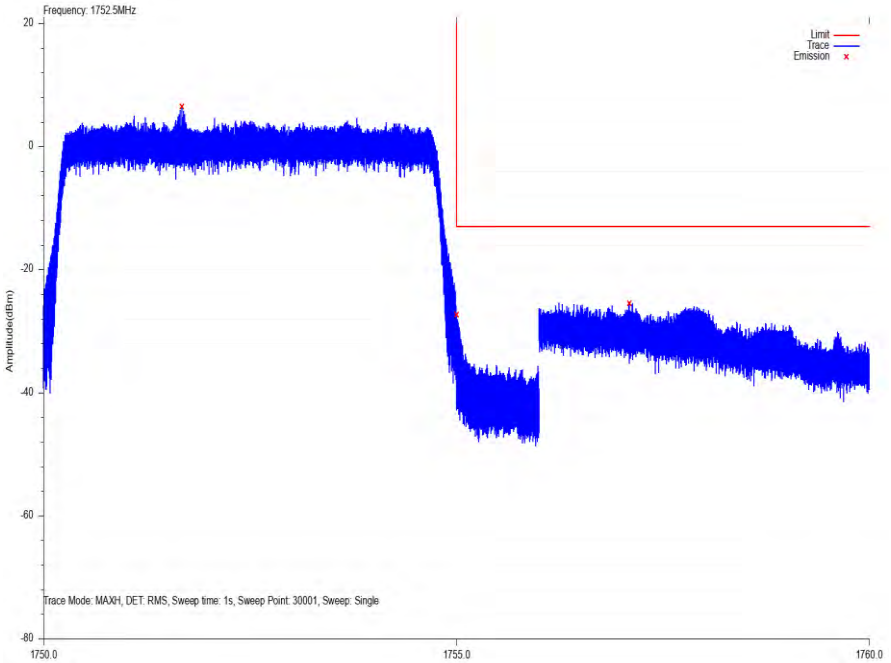

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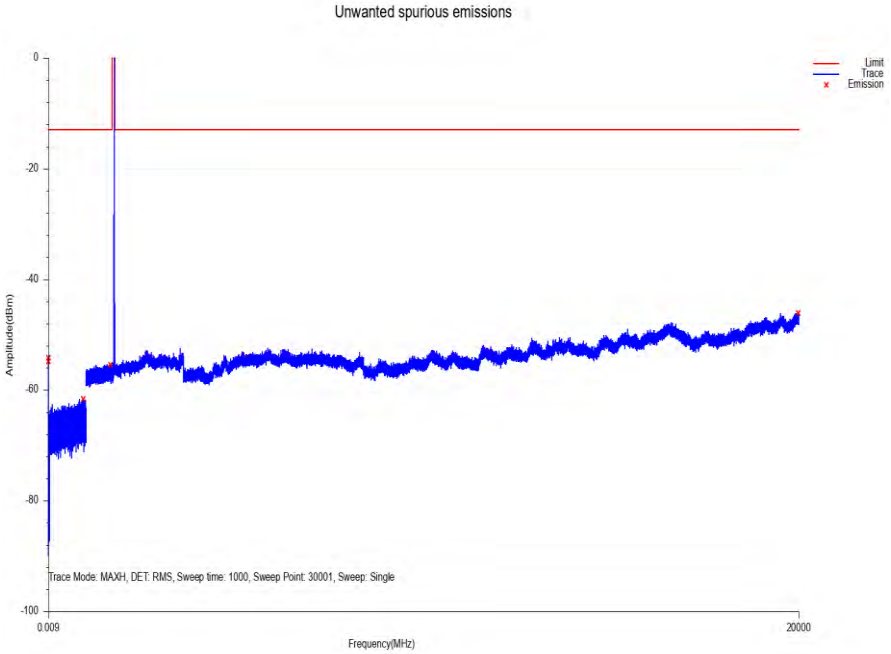

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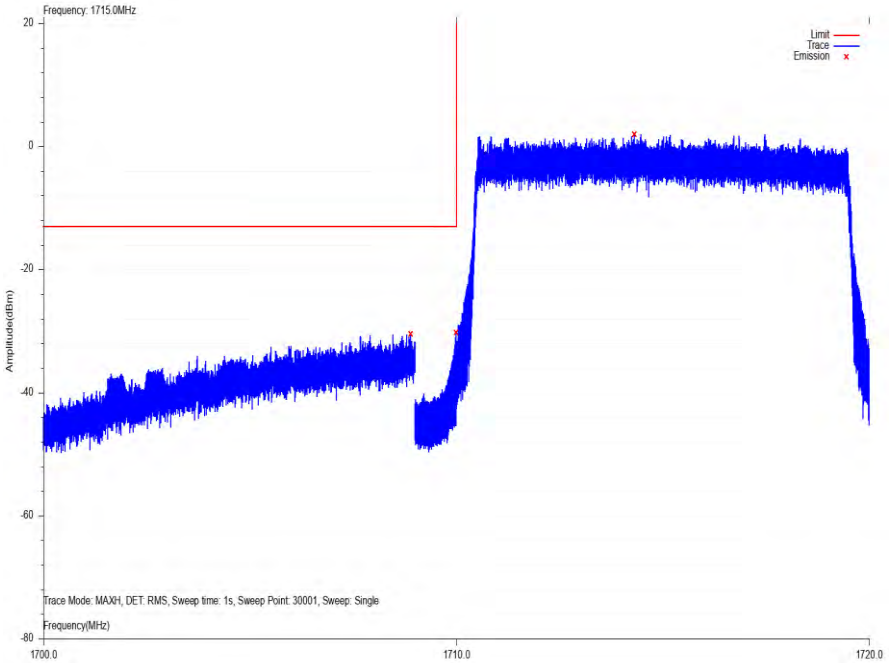

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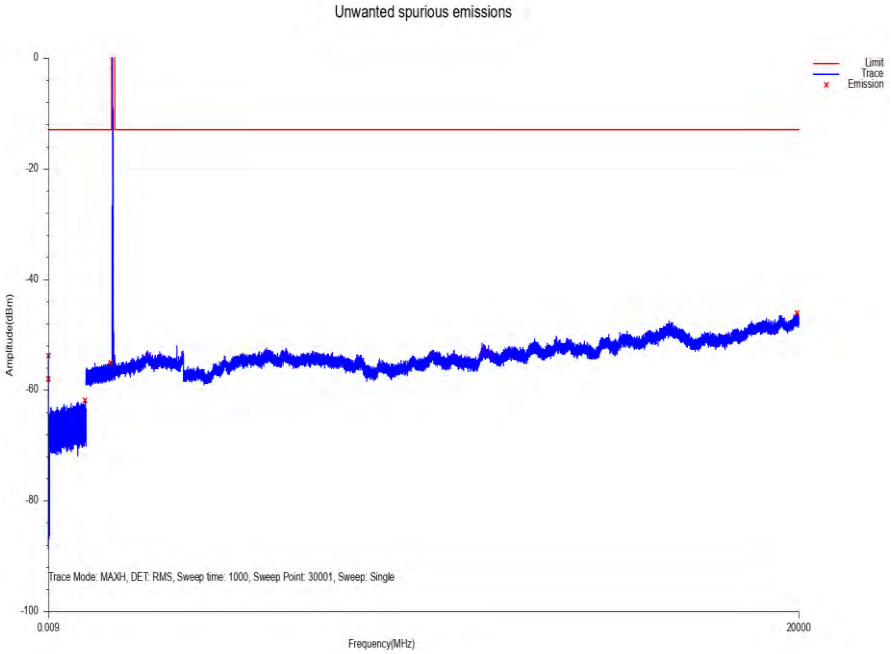

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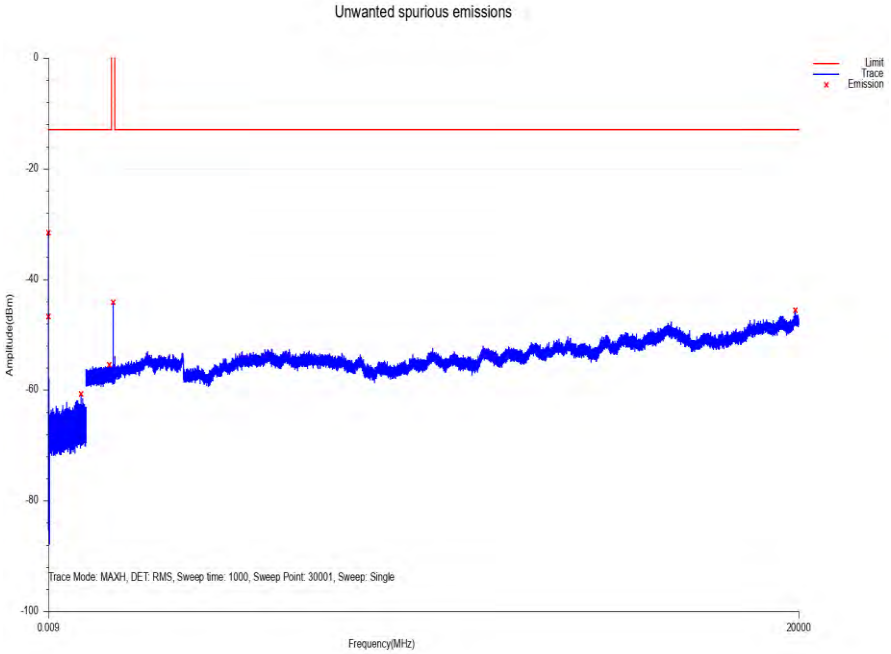

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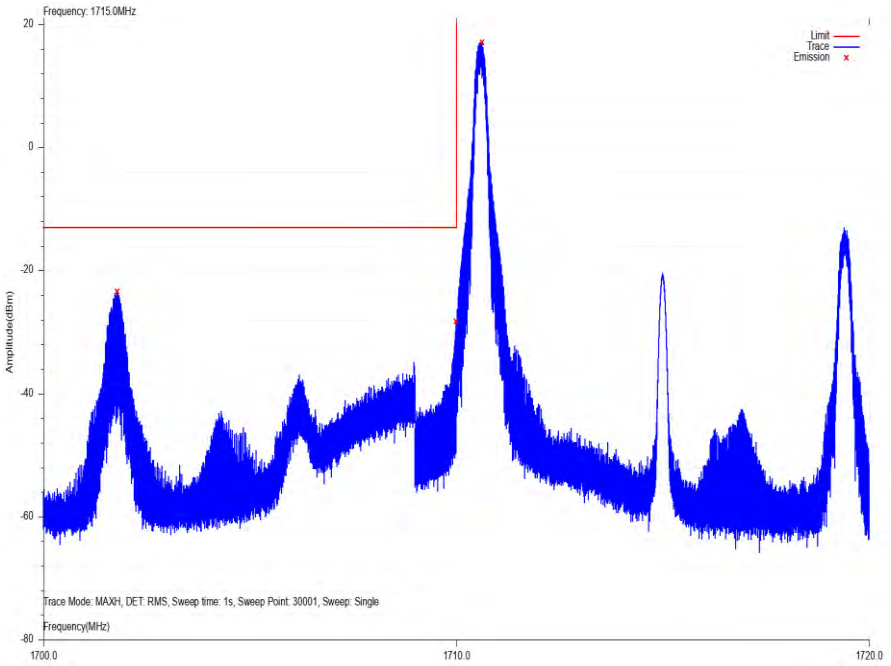

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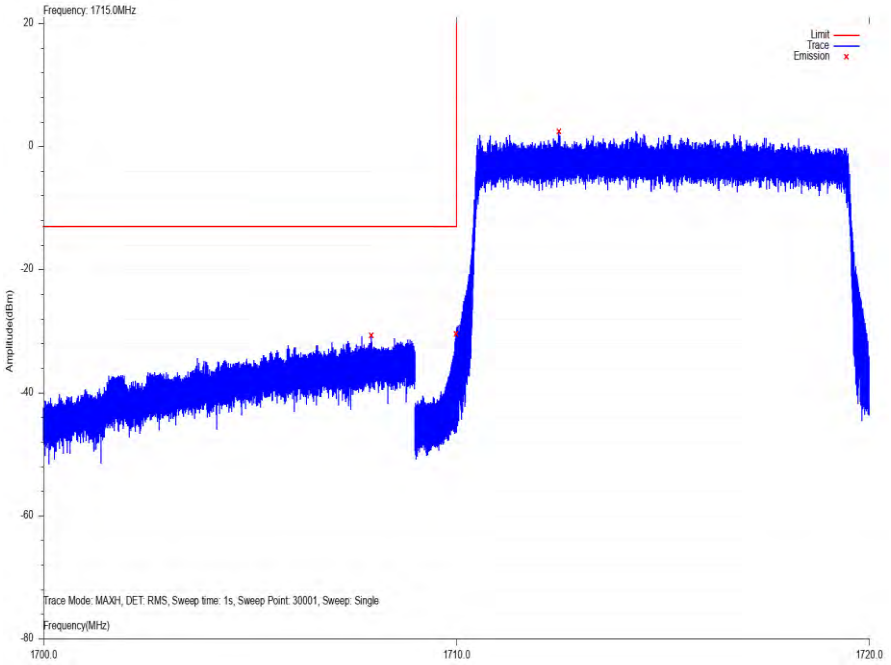
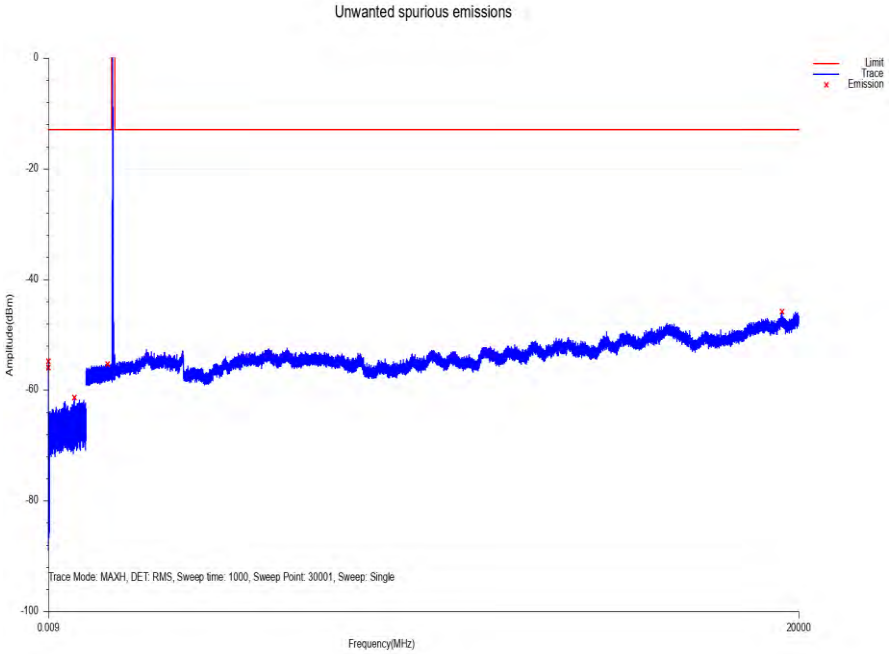


SA_65_NT_NV_0_Band_4_16QAM_10M_CH20000_1_0



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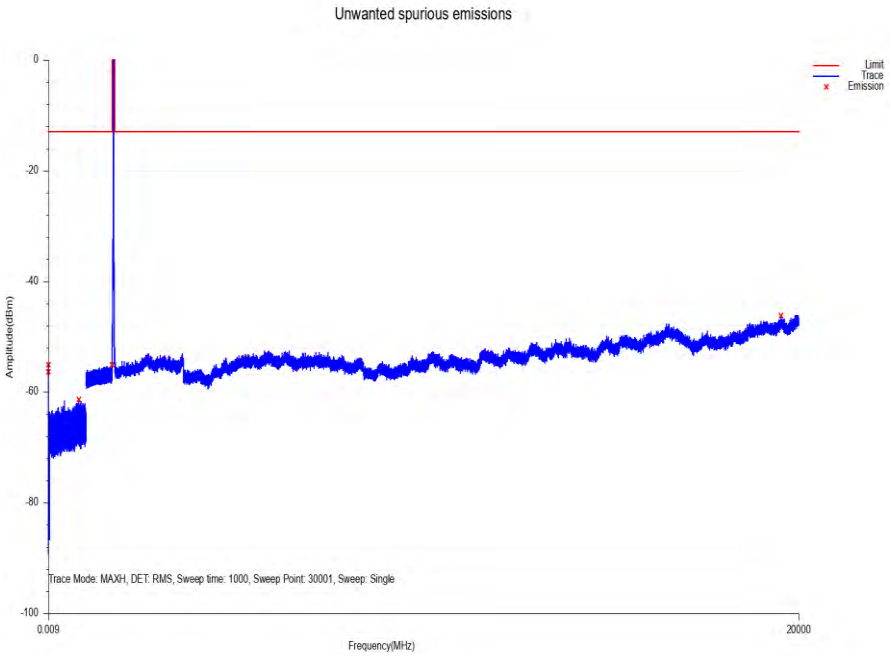

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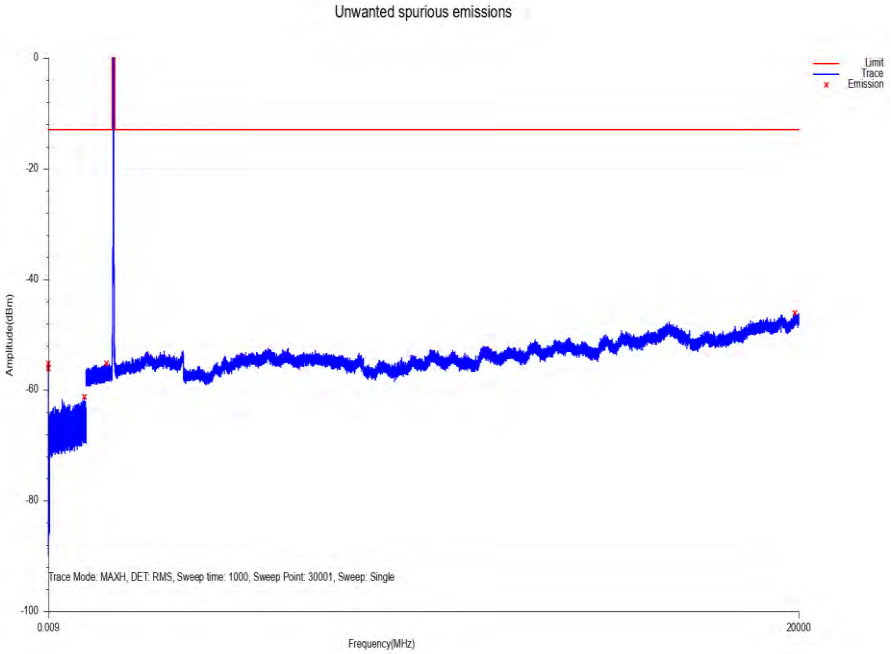
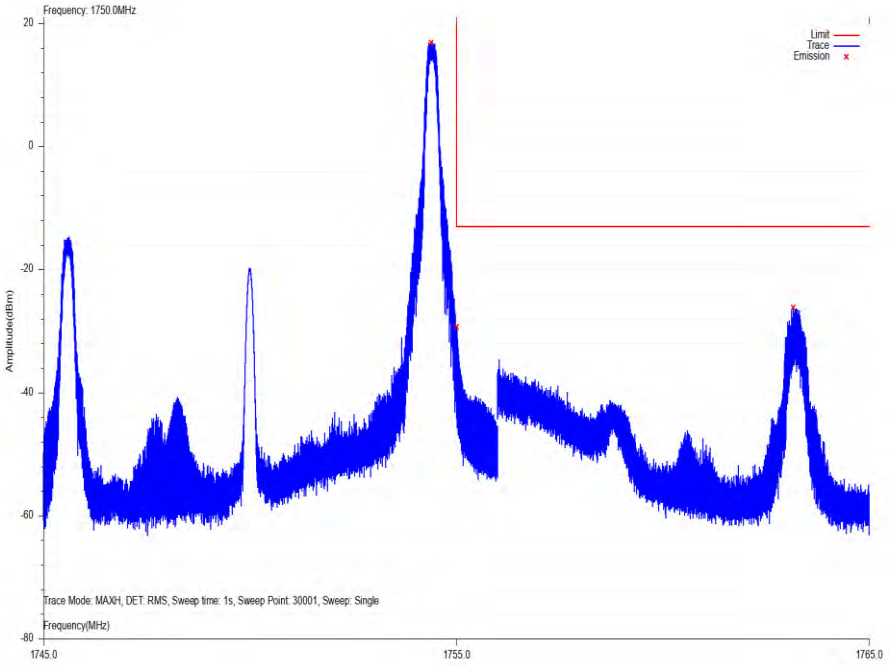


UPPER_EDGE_65_NT_NV_0_Band_4_QPSK_10M_CH20350_1_49



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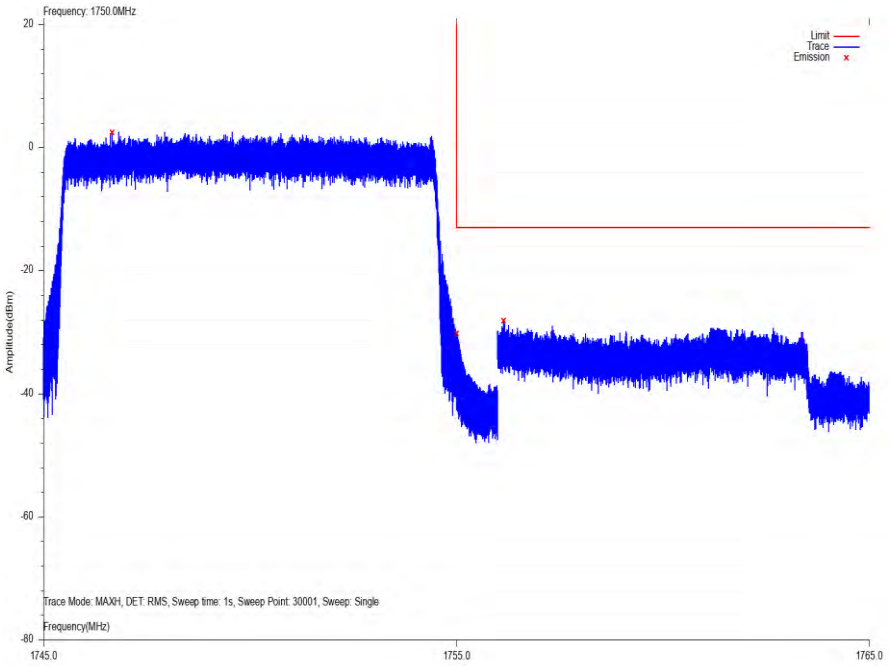

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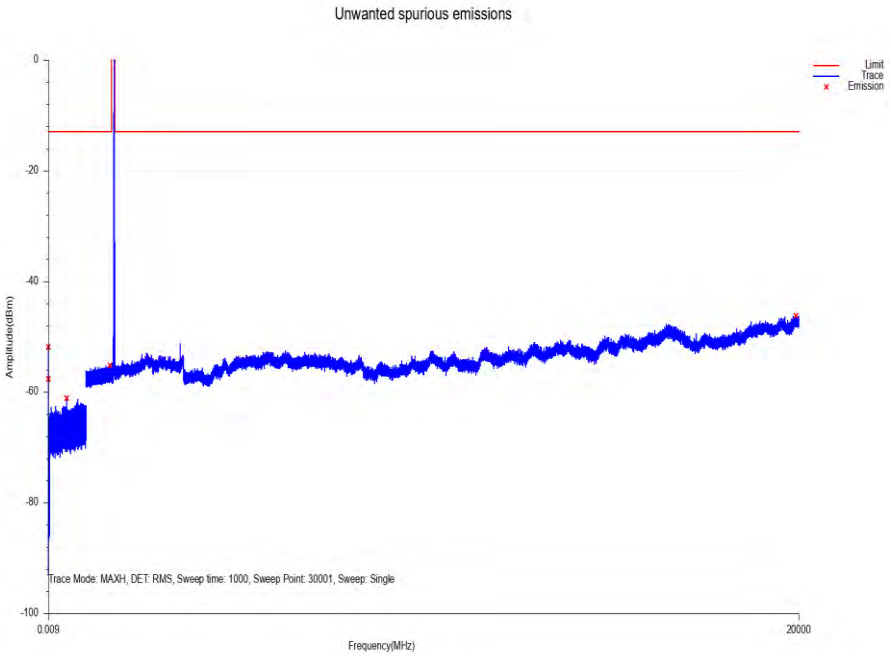

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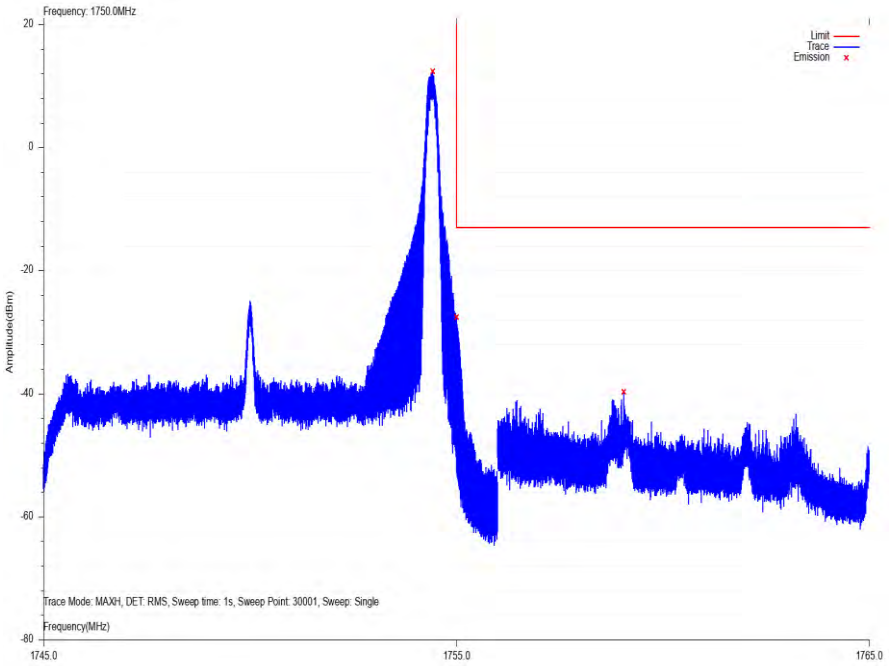

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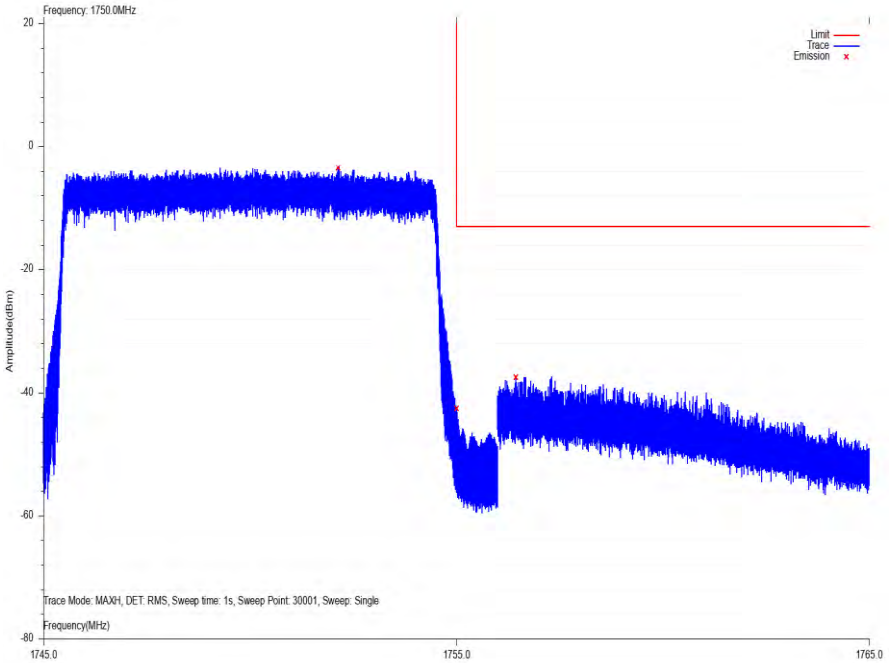

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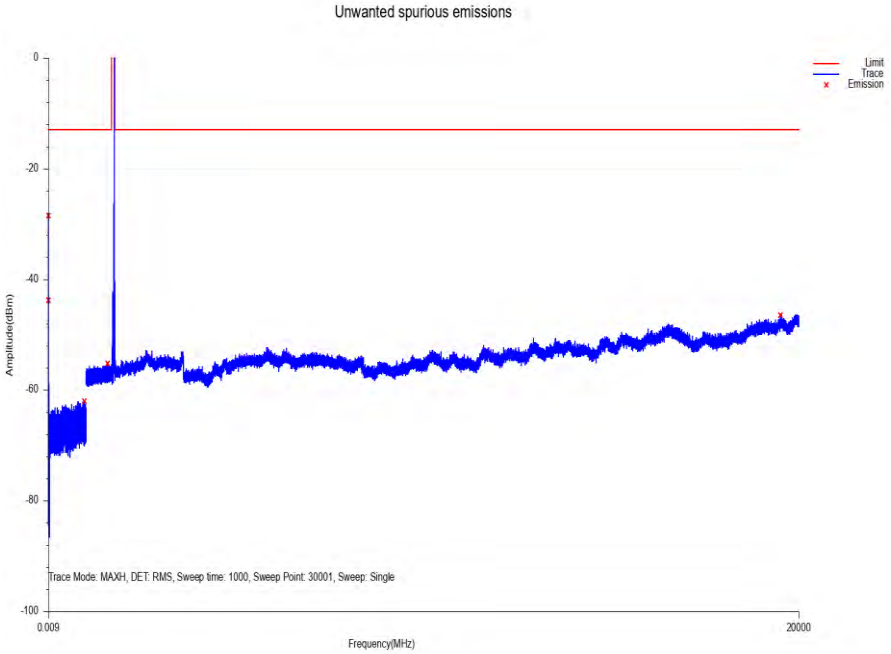
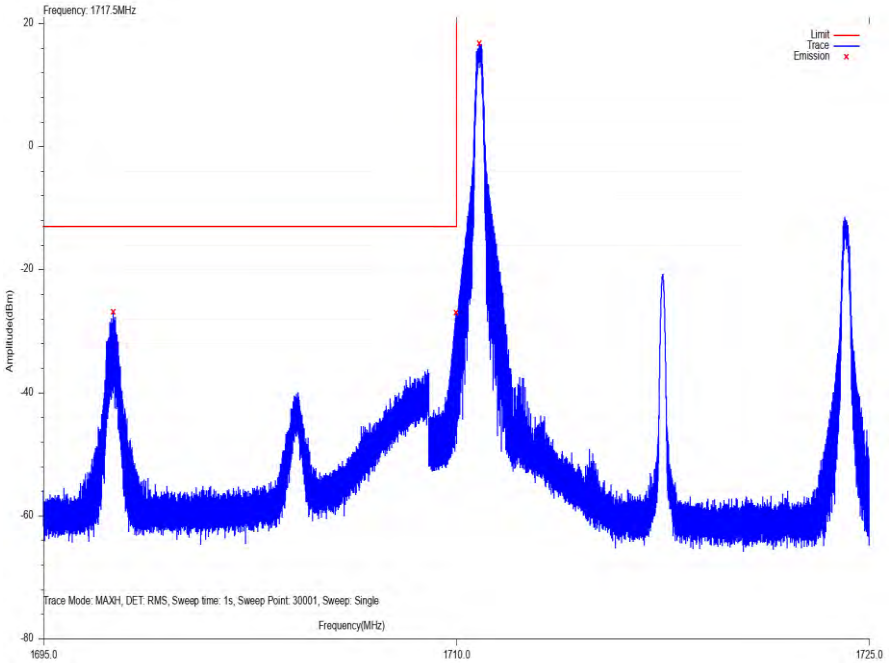
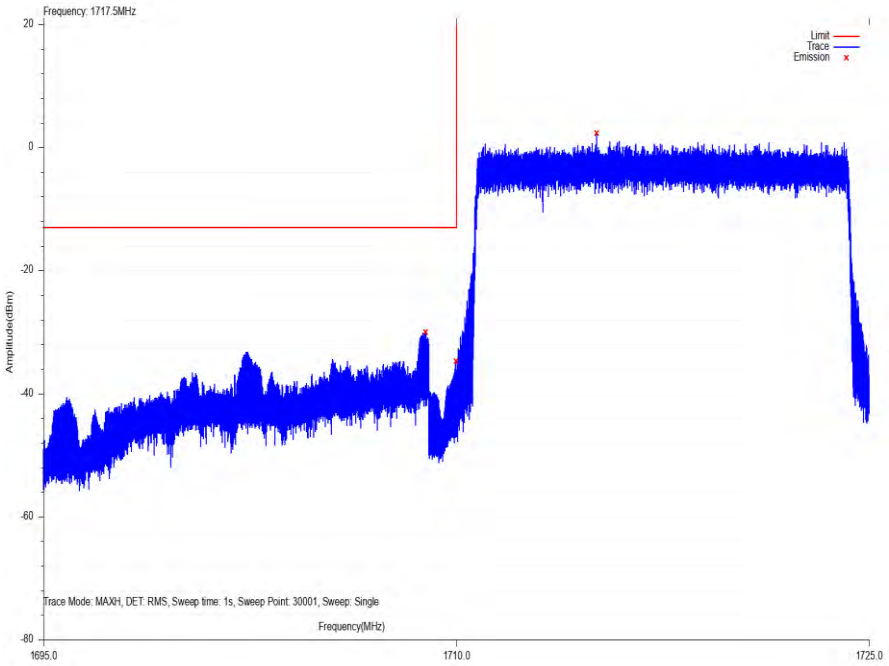


LOW_EDGE_65_NT_NV_0_Band_4_QPSK_15M_CH20025_1_0



LOW_EDGE_65_NT_NV_0_Band_4_QPSK_15M_CH20025_75_0



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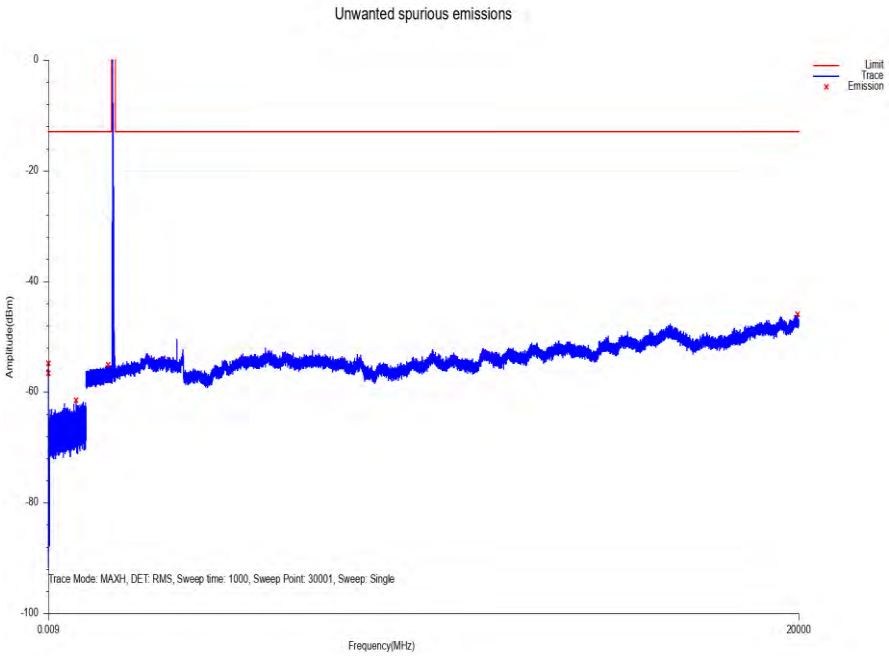

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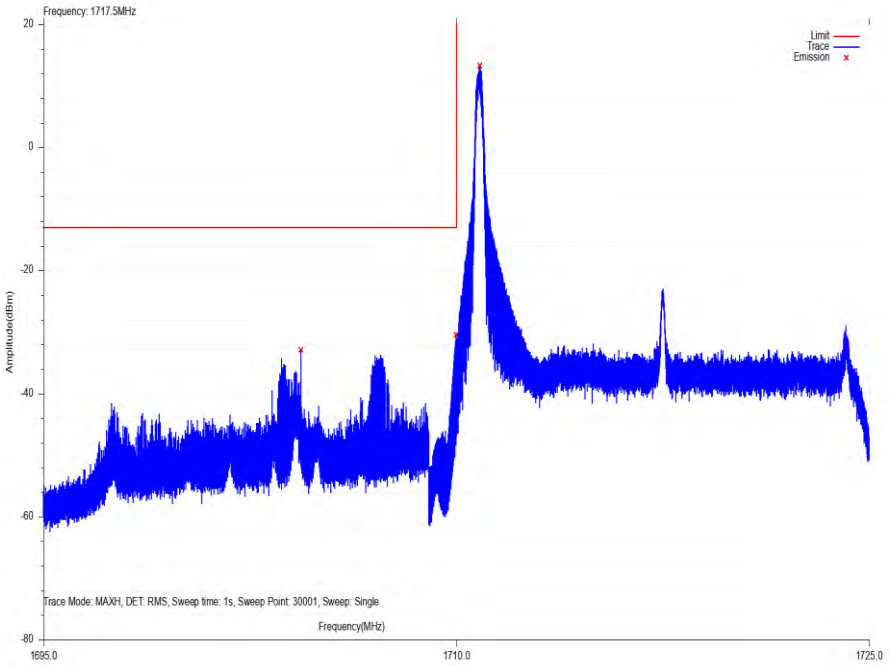

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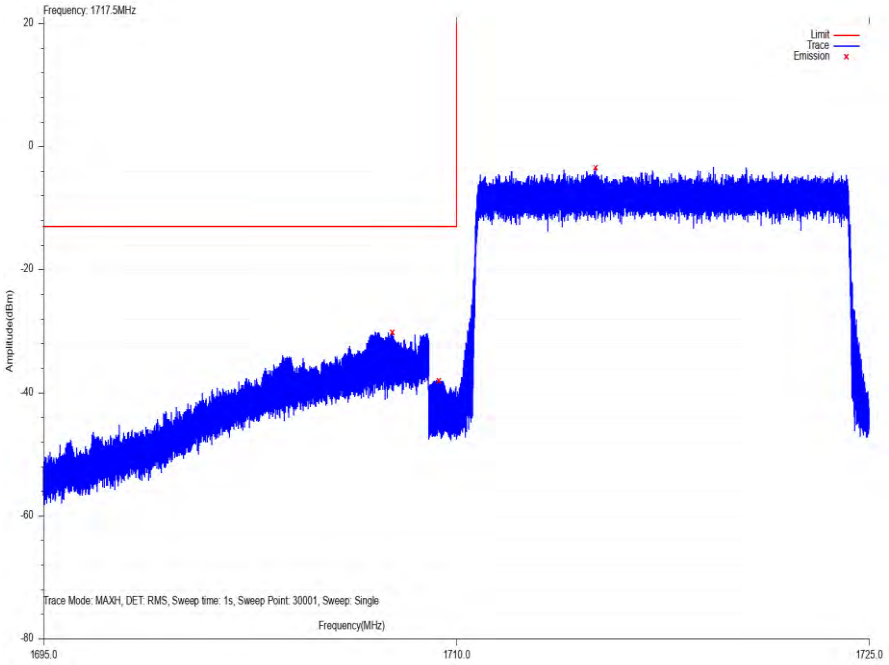

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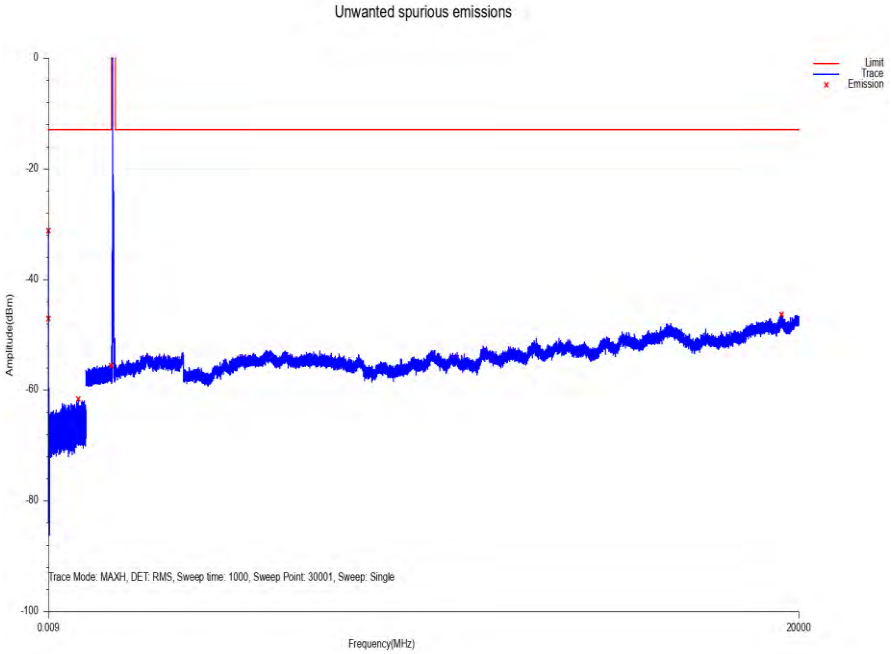
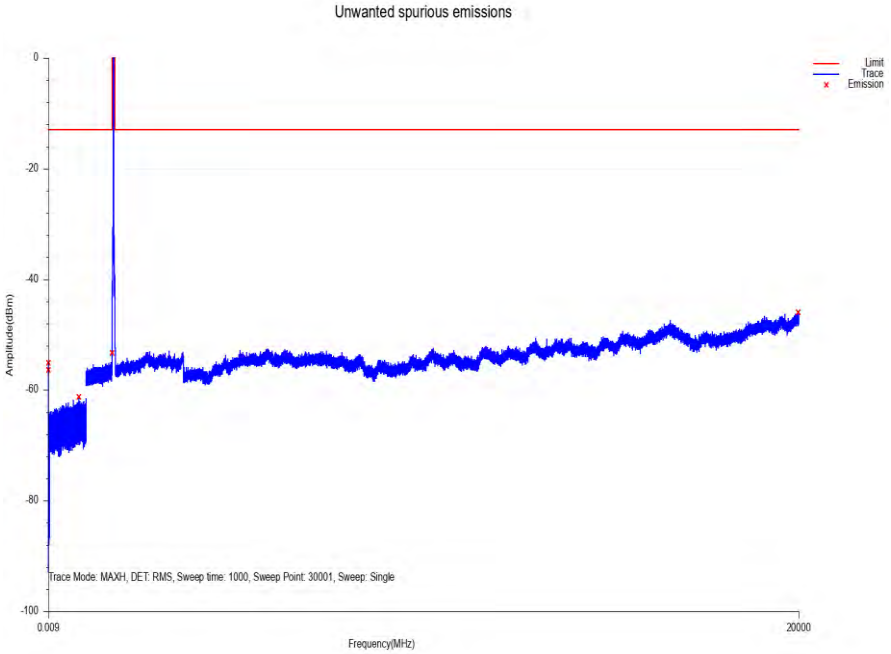


SA_65_NT_NV_0_Band_4_QPSK_15M_CH20175_75_0



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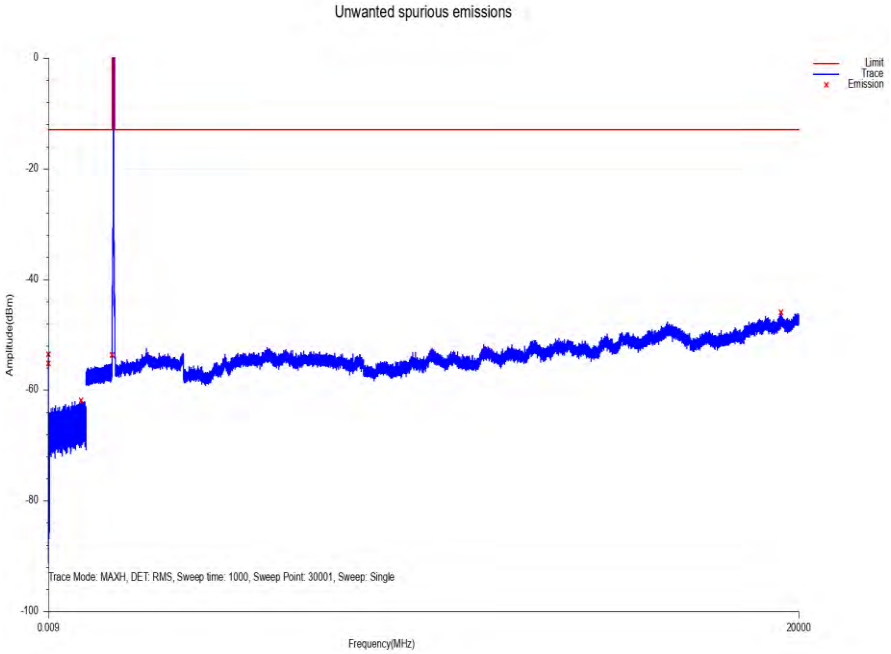
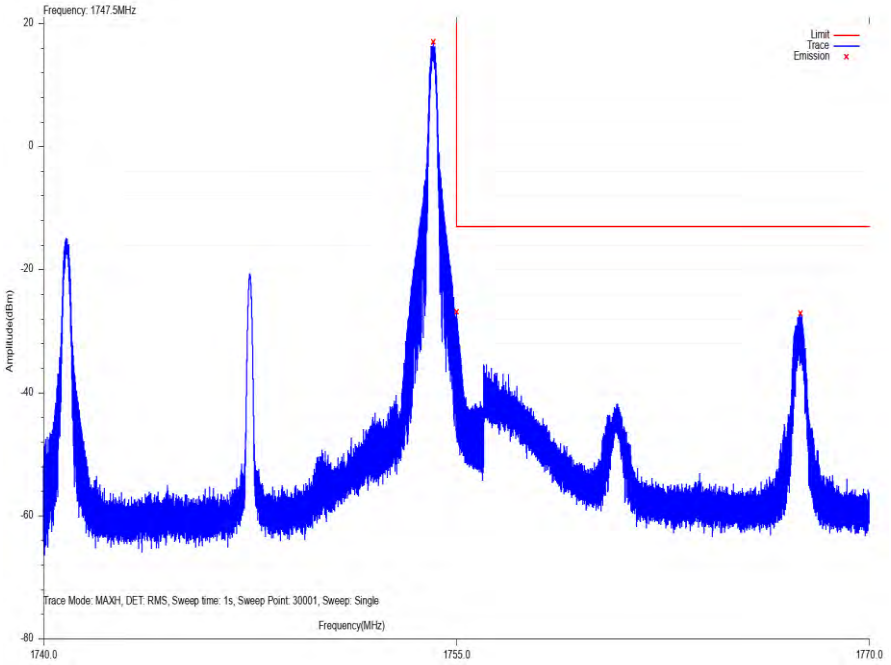


UPPER_EDGE_65_NT_NV_0_Band_4_QPSK_15M_CH20325_1_74



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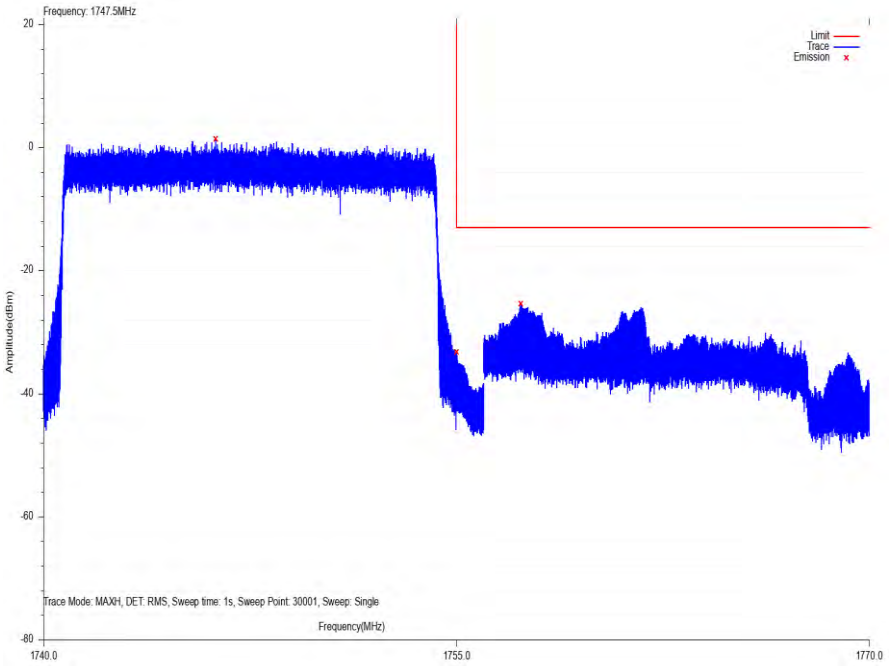

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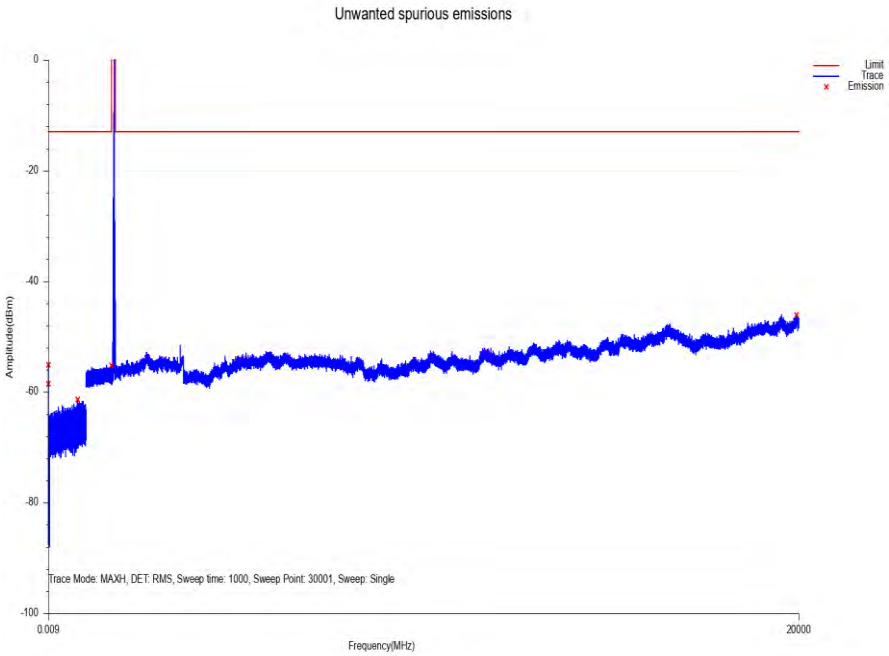

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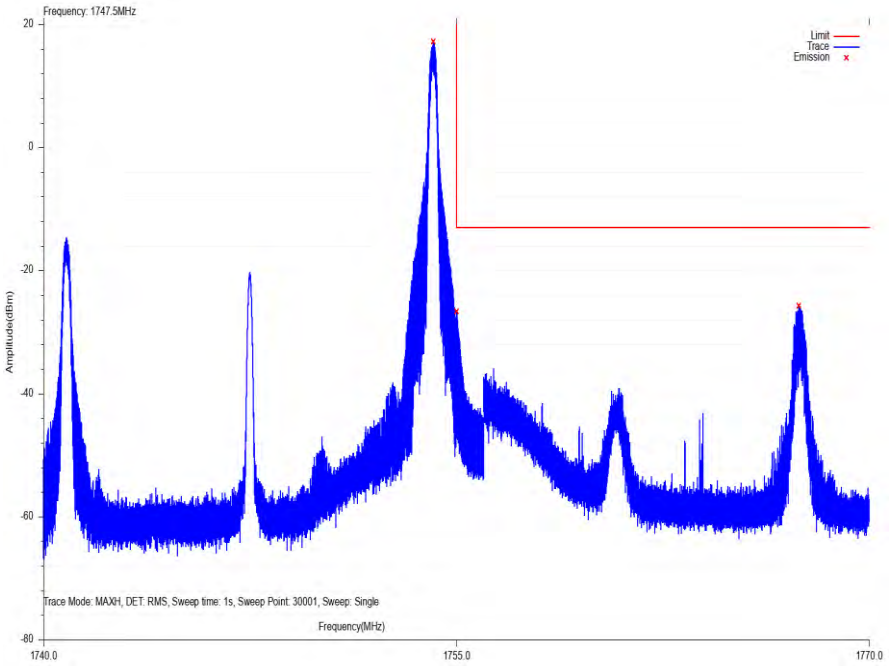

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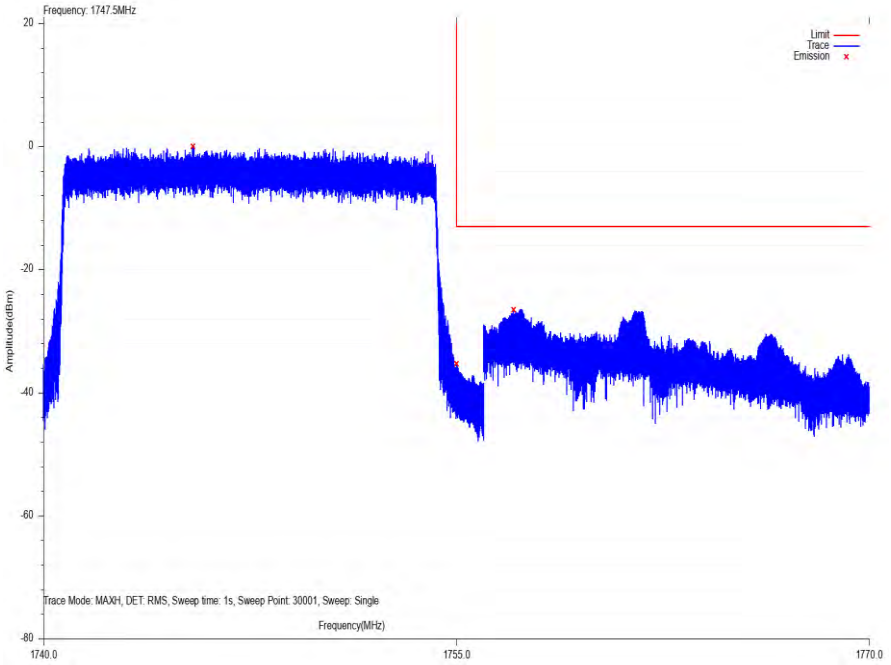

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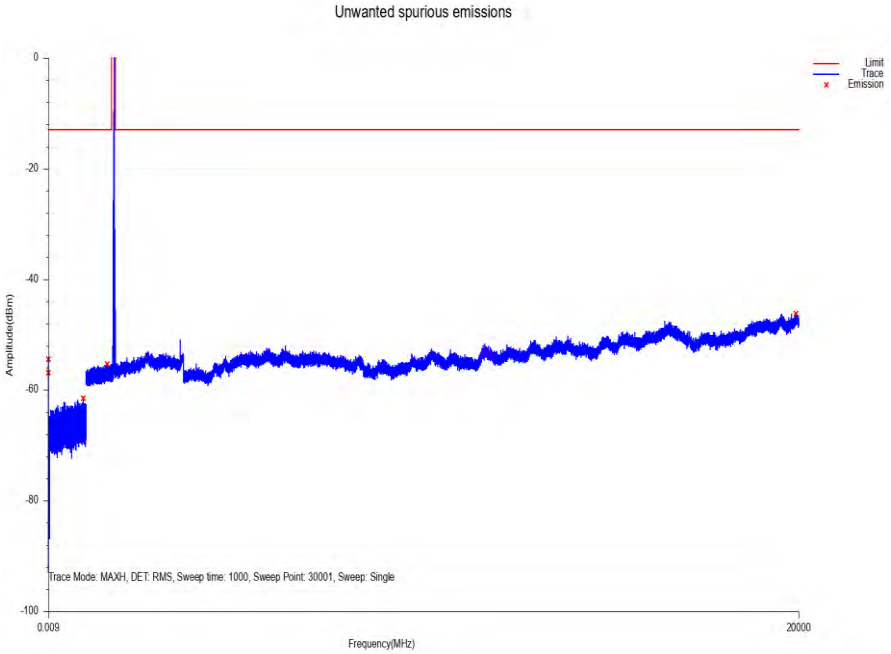
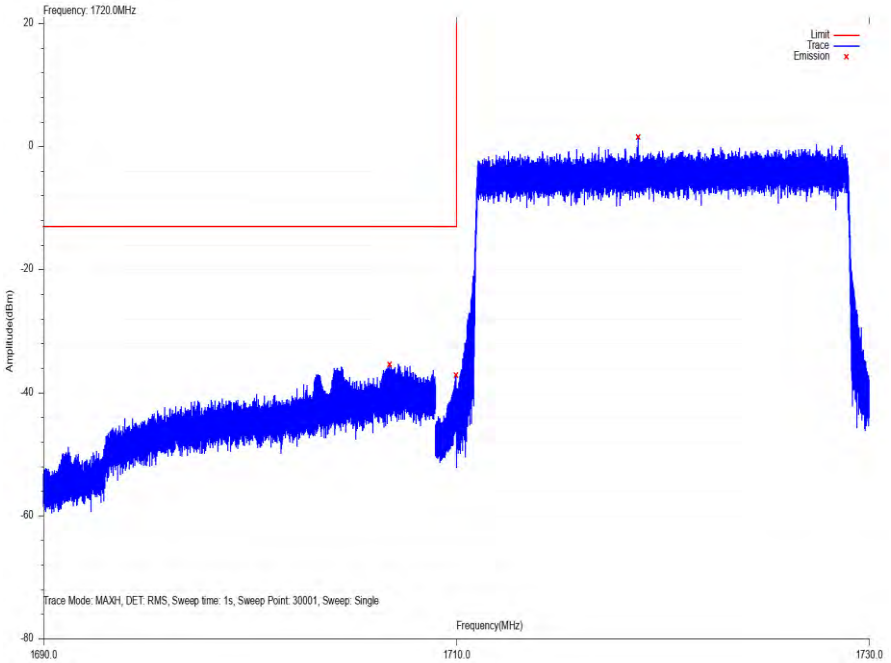


LOW_EDGE_65_NT_NV_0_Band_4_QPSK_20M_CH20050_100_0



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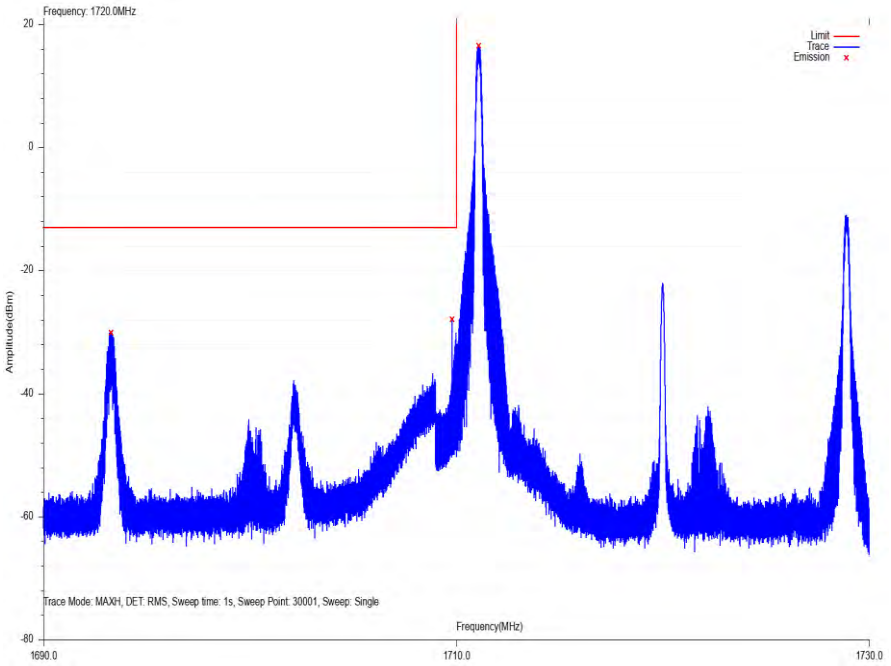

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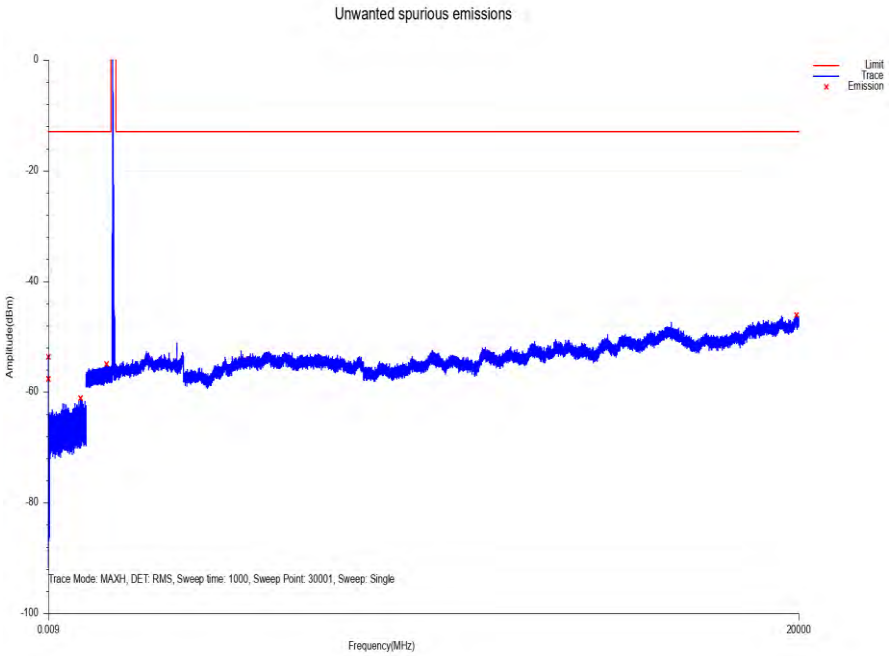

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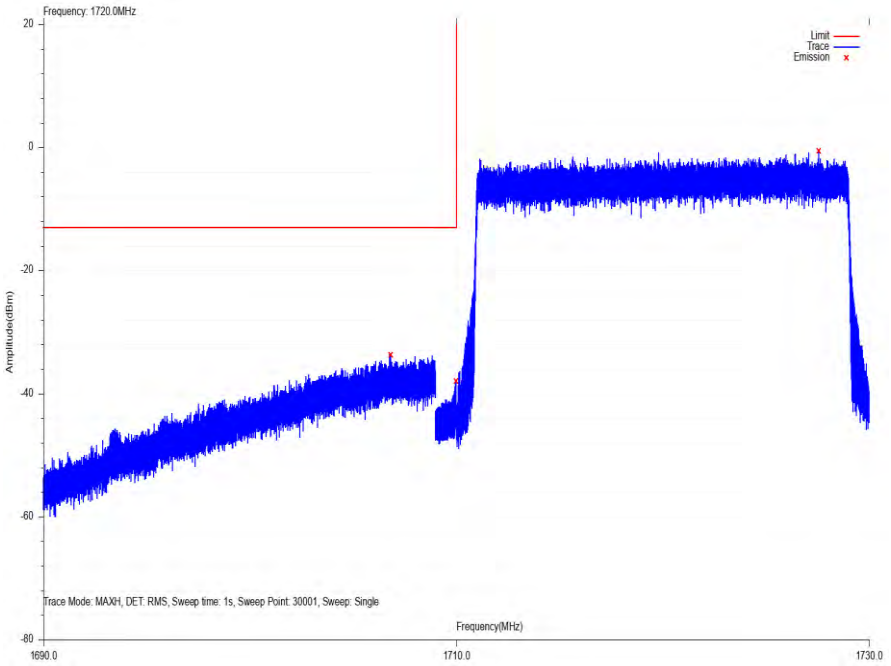

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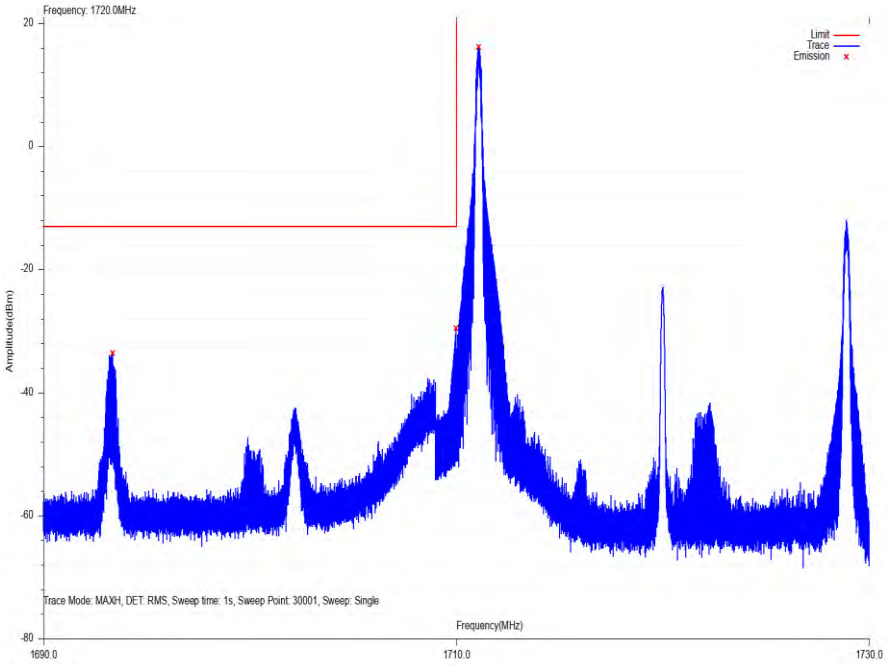

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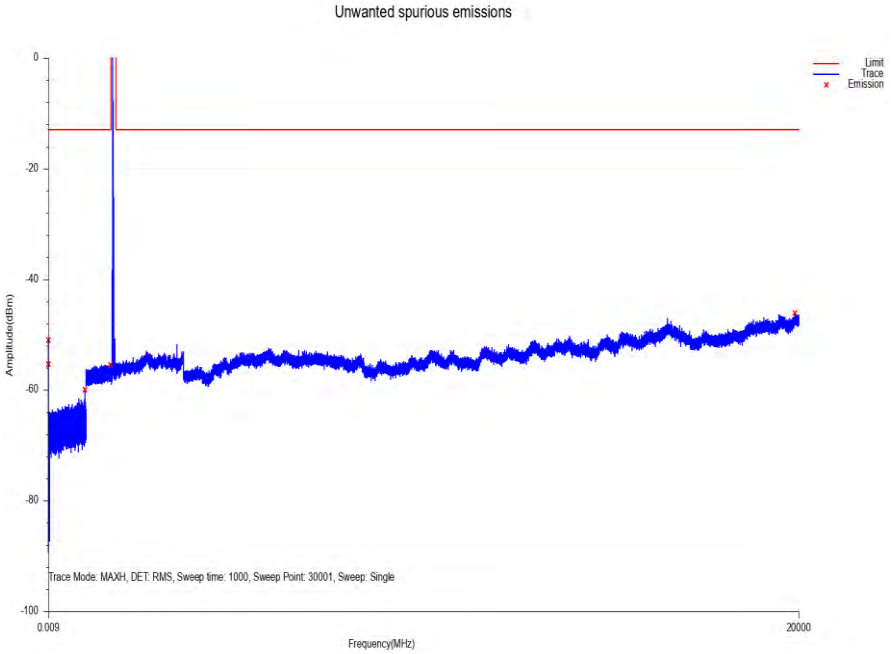

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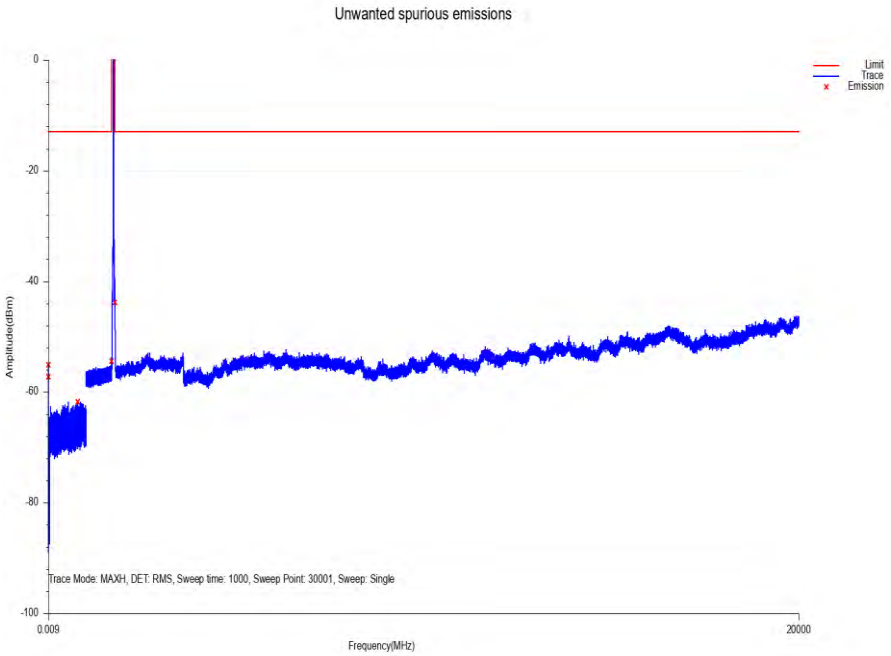

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