4.2 15k_SISO_10MHz_NTNV

4.2.1 Test Result

5G NR n66 SCS=15kHz SISO 10MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1715	Outer_Full	4.28	/	/	<=13	Pass
	1745	Outer_Full	4.22	/	/	<=13	Pass
	1775	Outer_Full	4.28	/	/	<=13	Pass
DFT-s-OFDM QPSK	1715	Outer_Full	5.11	/	/	<=13	Pass
	1745	Outer_Full	5.21	/	/	<=13	Pass
	1775	Outer_Full	4.87	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1715	Outer_Full	6.13	/	/	<=13	Pass
	1745	Outer_Full	6.20	/	/	<=13	Pass
	1775	Outer_Full	5.94	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1715	Outer_Full	6.36	/	/	<=13	Pass
	1745	Outer_Full	6.40	/	/	<=13	Pass
	1775	Outer_Full	6.27	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1715	Outer_Full	6.53	/	/	<=13	Pass
	1745	Outer_Full	6.56	/	/	<=13	Pass
	1775	Outer_Full	6.60	/	/	<=13	Pass
CP-OFDM QPSK	1715	Outer_Full	7.58	/	/	<=13	Pass
	1745	Outer_Full	7.04	/	/	<=13	Pass
	1775	Outer_Full	7.26	/	/	<=13	Pass
CP-OFDM 16 QAM	1715	Outer_Full	7.39	/	/	<=13	Pass
	1745	Outer_Full	7.43	/	/	<=13	Pass
	1775	Outer_Full	7.10	/	/	<=13	Pass
CP-OFDM 64 QAM	1715	Outer_Full	7.77	/	/	<=13	Pass
	1745	Outer_Full	7.16	/	/	<=13	Pass
	1775	Outer_Full	7.56	/	/	<=13	Pass
CP-OFDM 256 QAM	1715	Outer_Full	8.59	/	/	<=13	Pass
	1745	Outer_Full	8.61	/	/	<=13	Pass
	1775	Outer_Full	8.57	/	/	<=13	Pass

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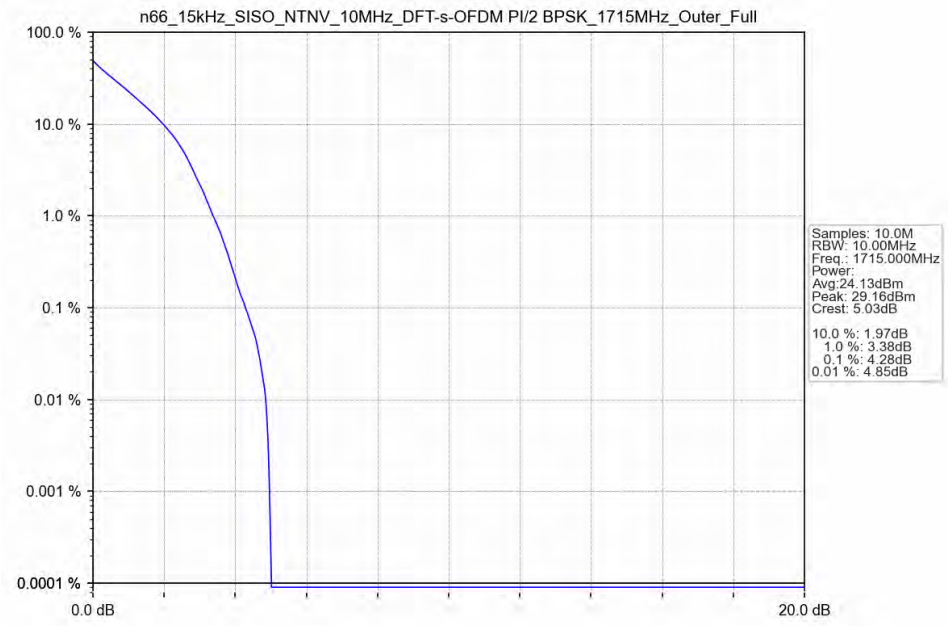
4.2.2 Test Graph

n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1715MHz_Outer_Full



n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1745MHz_Outer_Full

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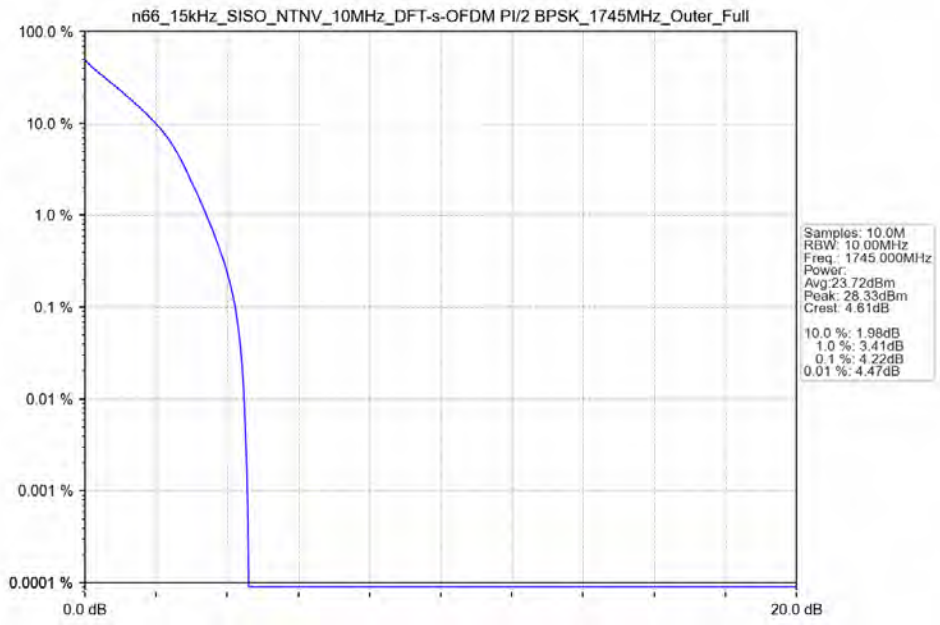

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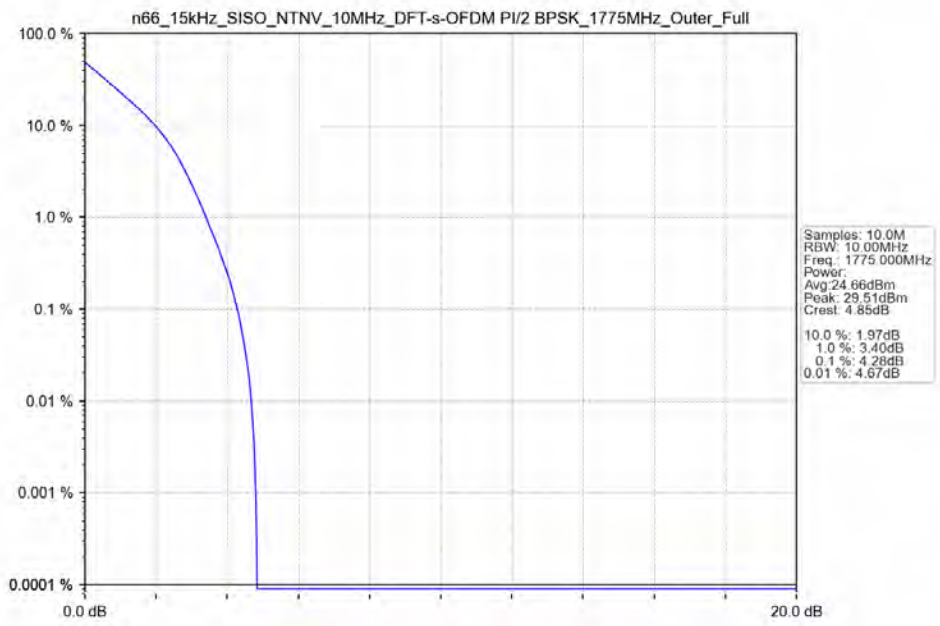
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1775MHz_Outer_Full



n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1715MHz_Outer_Full

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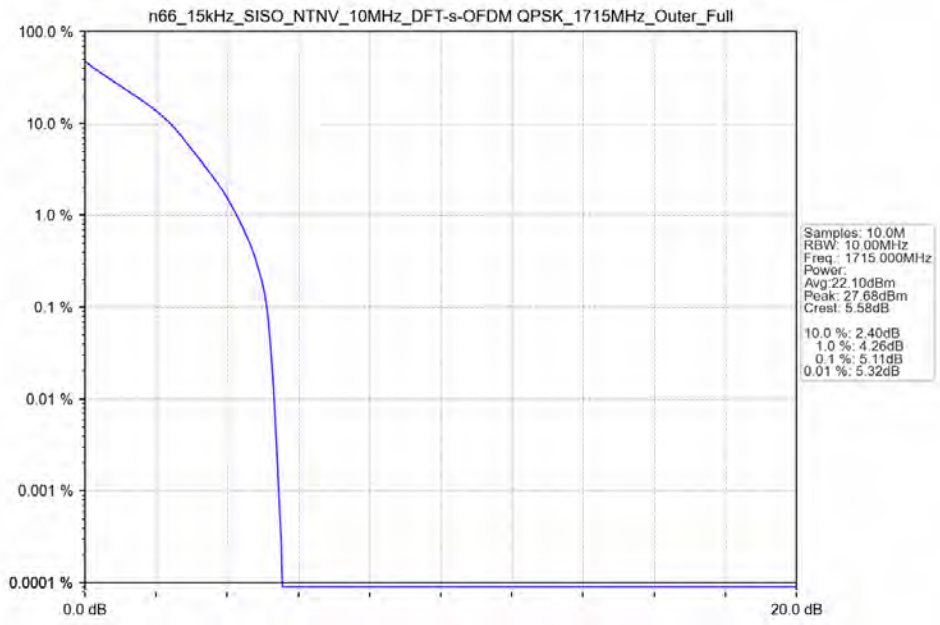

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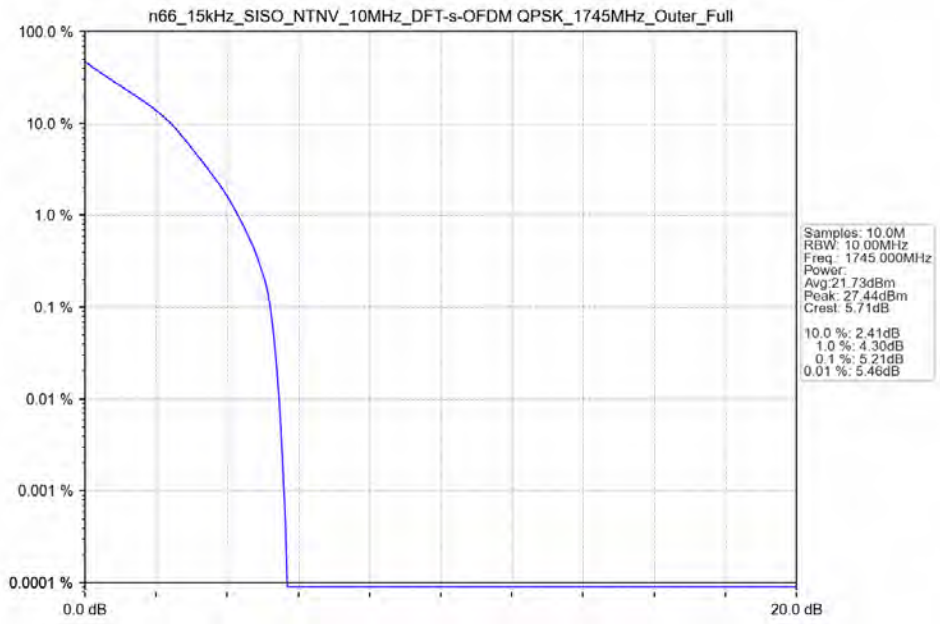
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1745MHz_Outer_Full



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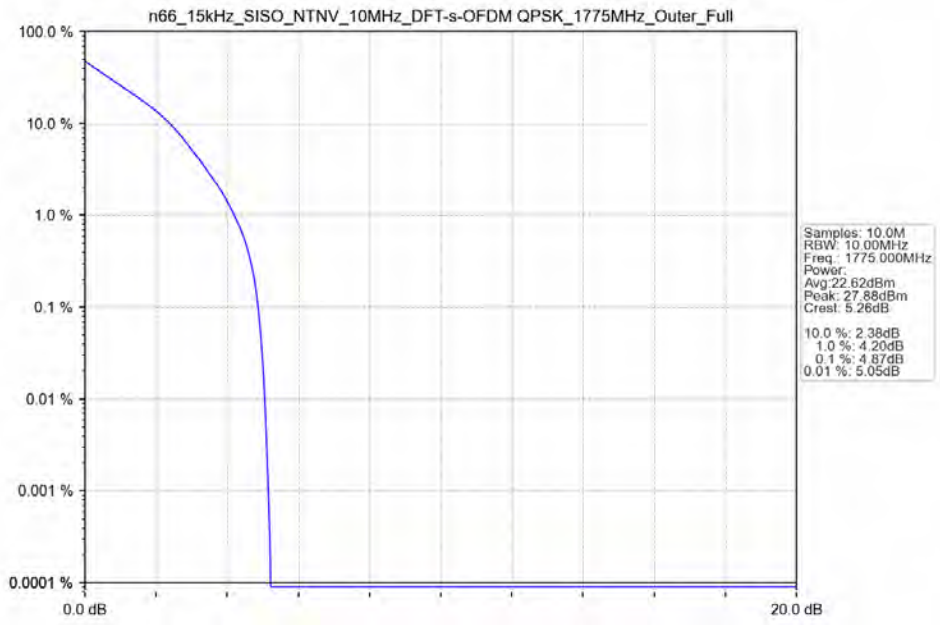

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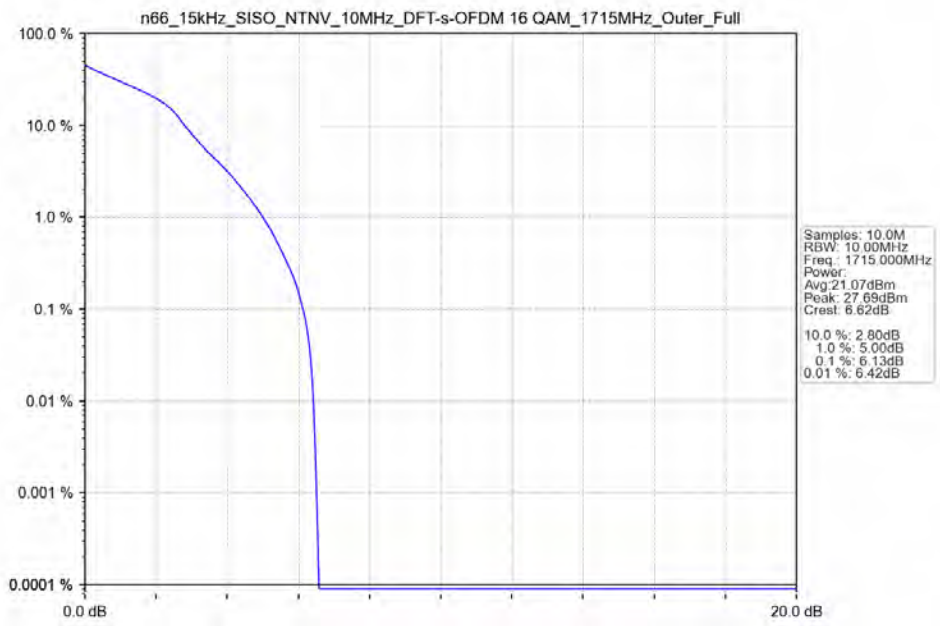
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1715MHz_Outer_Full



n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1745MHz_Outer_Full

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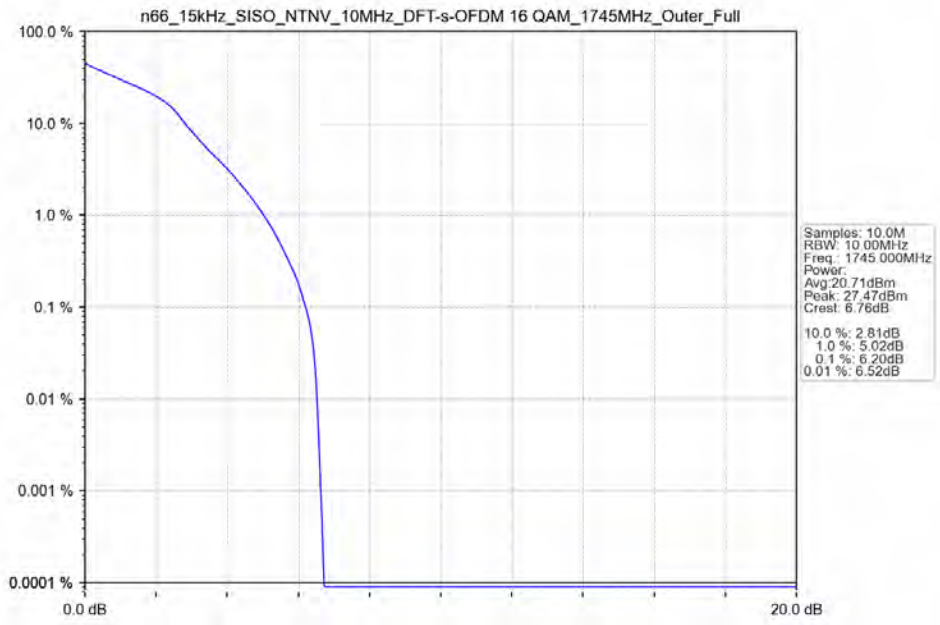

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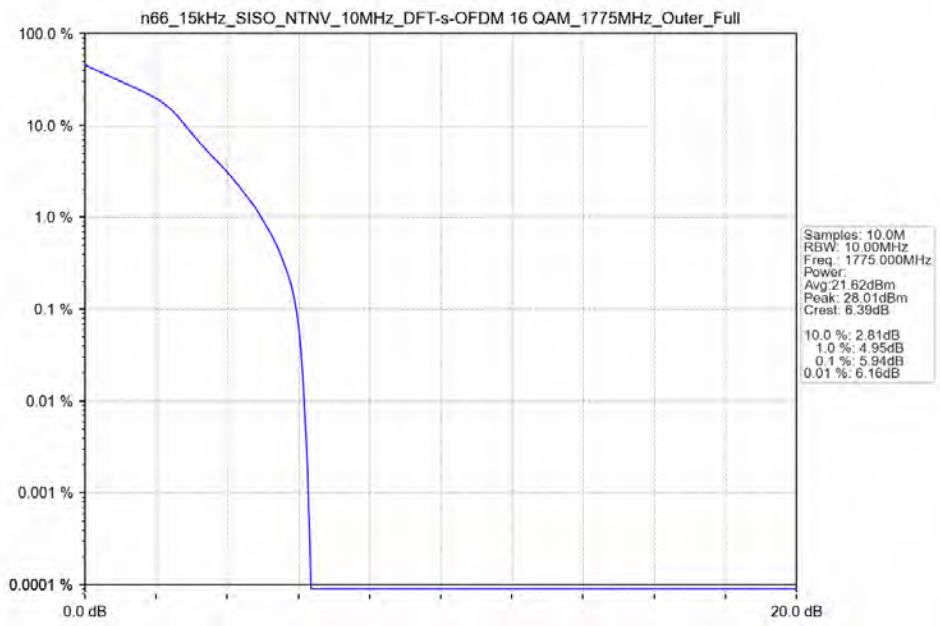

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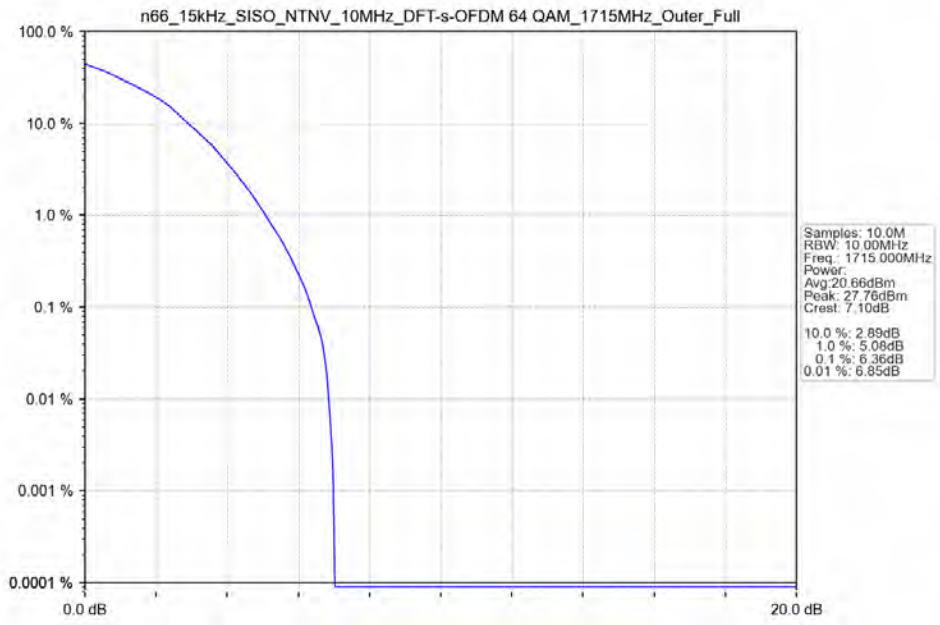

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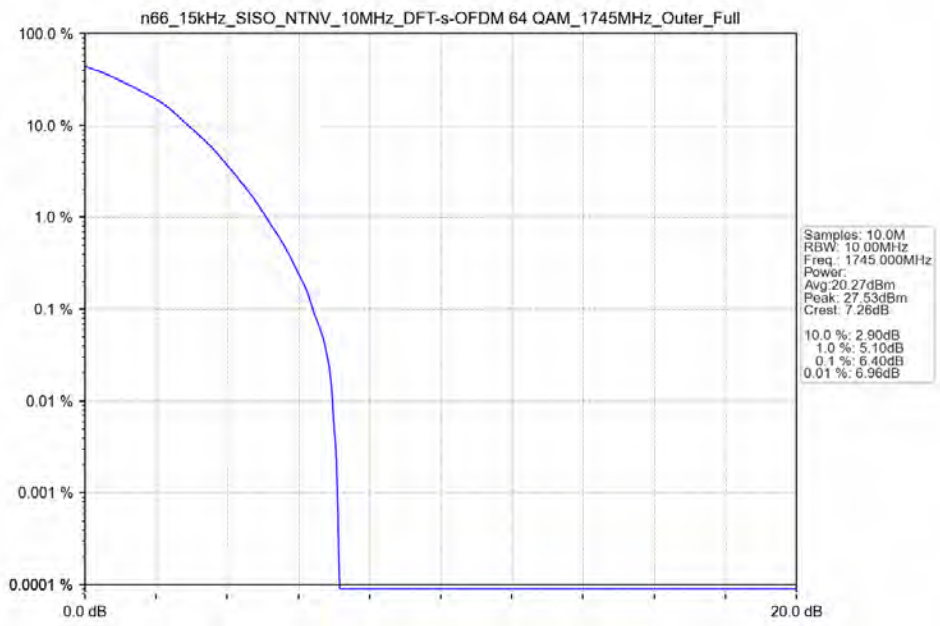

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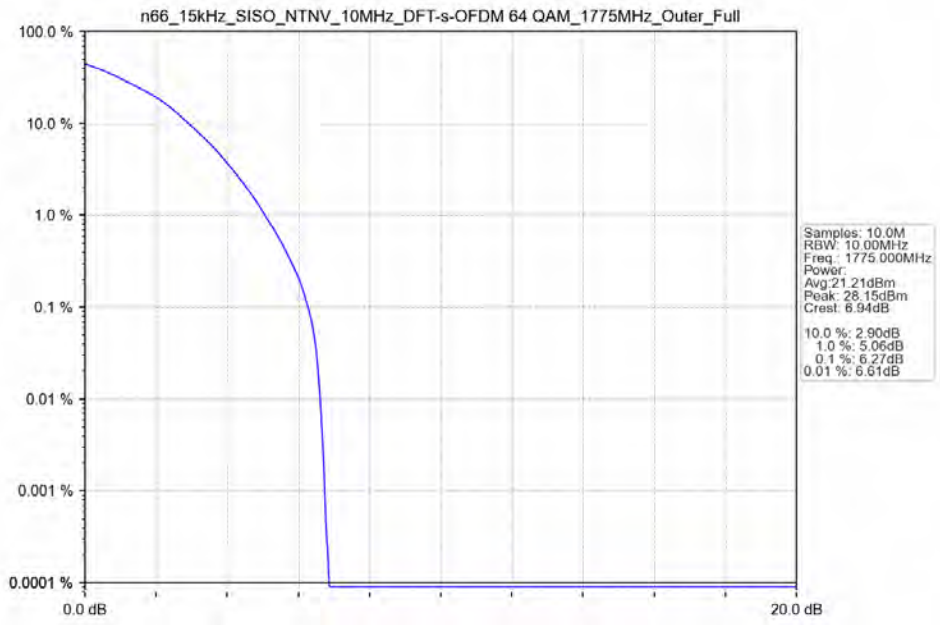

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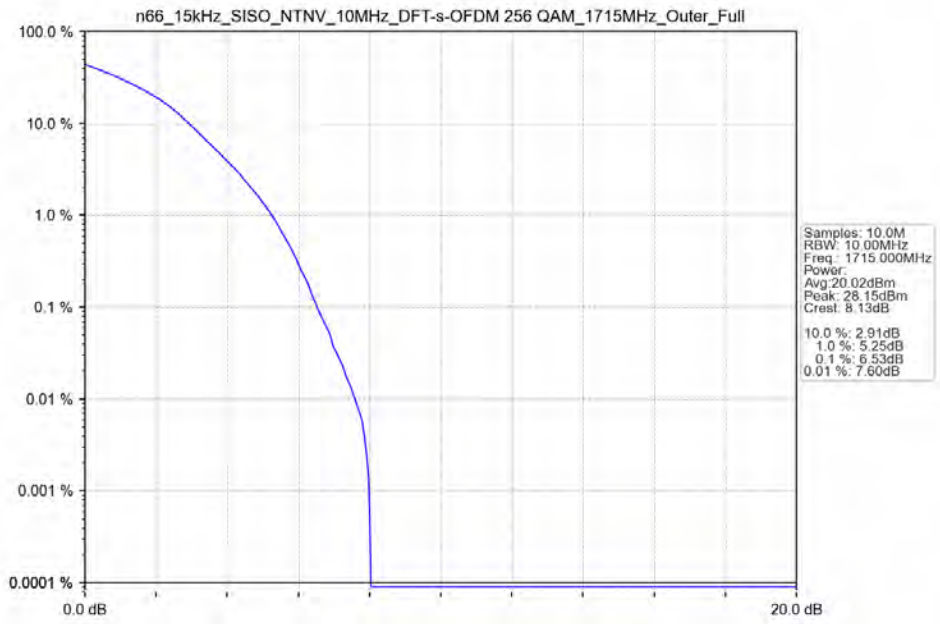
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1715MHz_Outer_Full



n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1745MHz_Outer_Full

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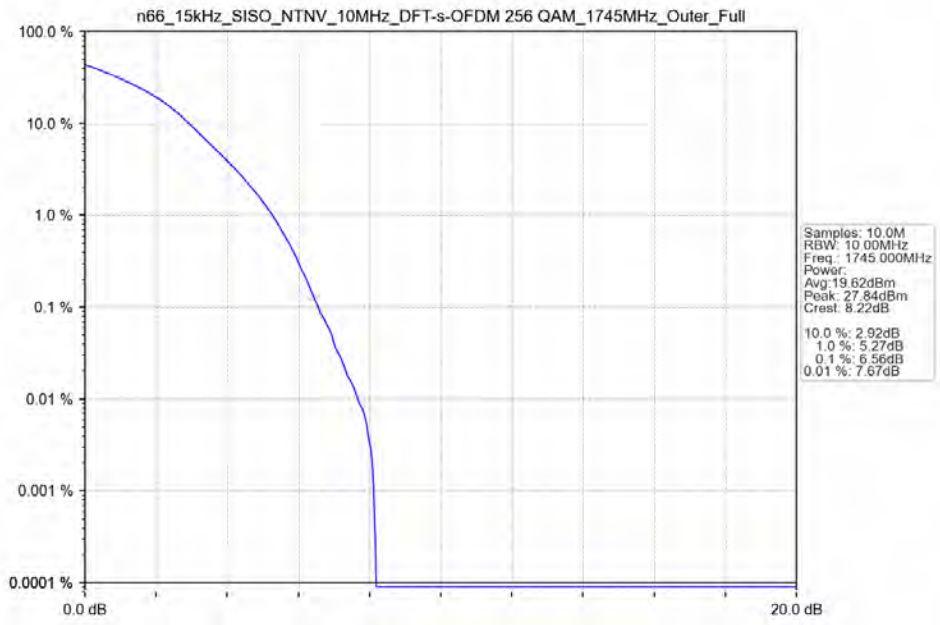

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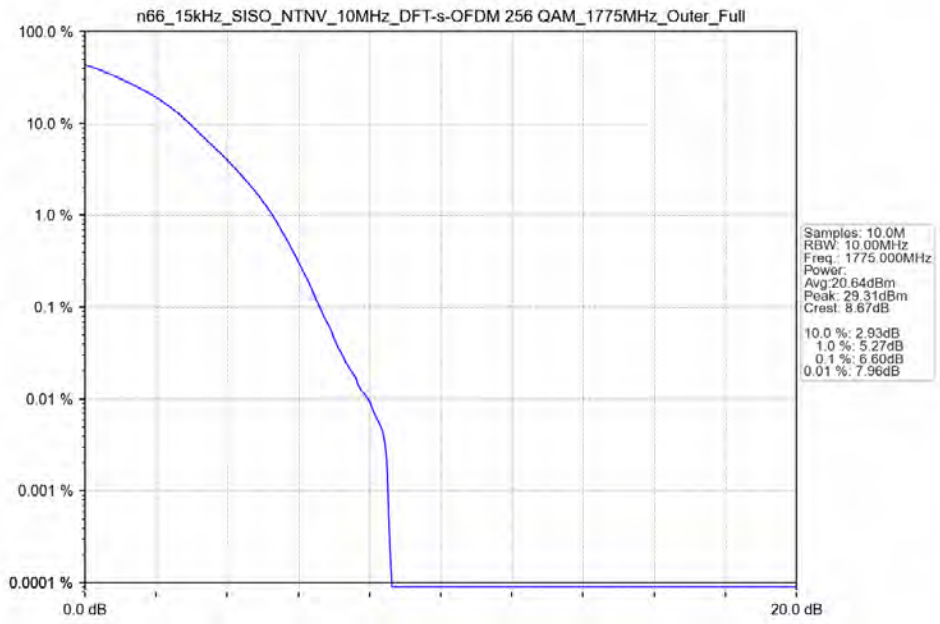

n66_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1715MHz_Outer_Full

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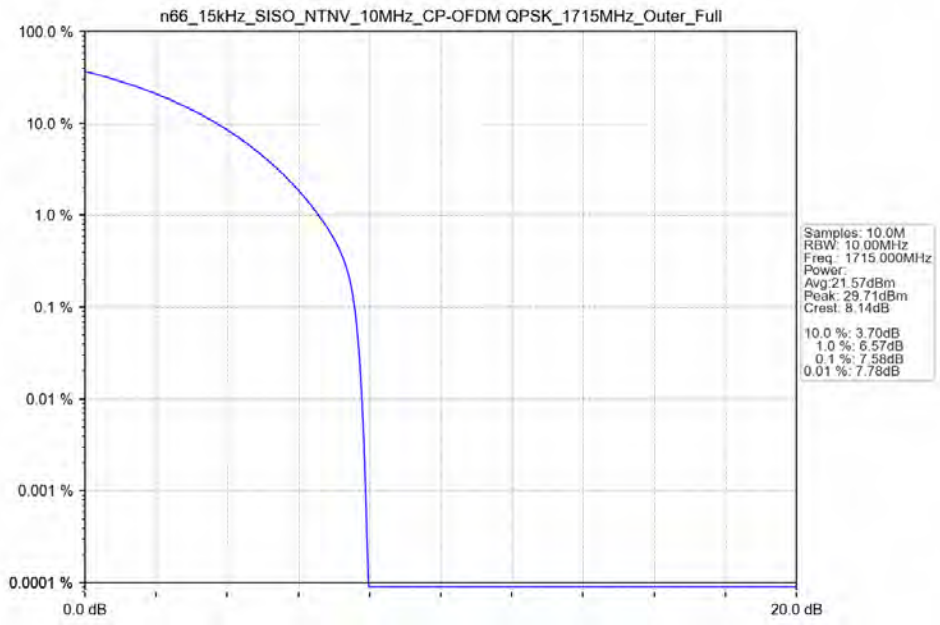

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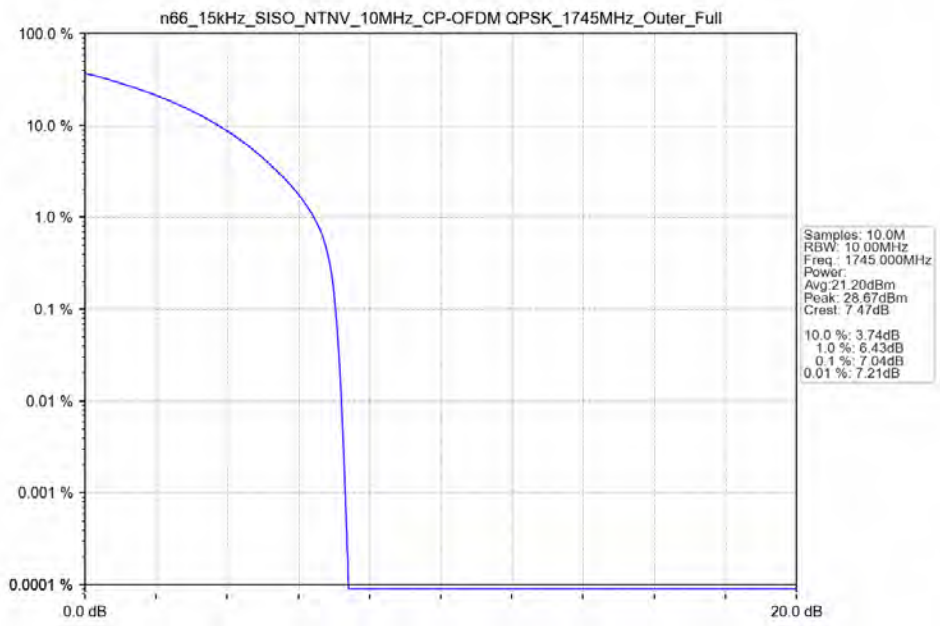

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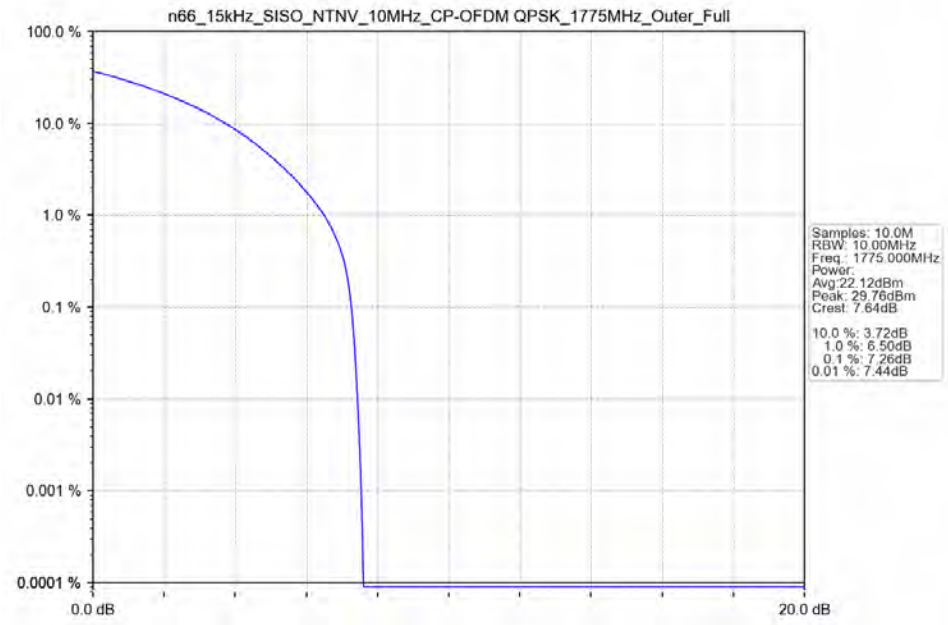

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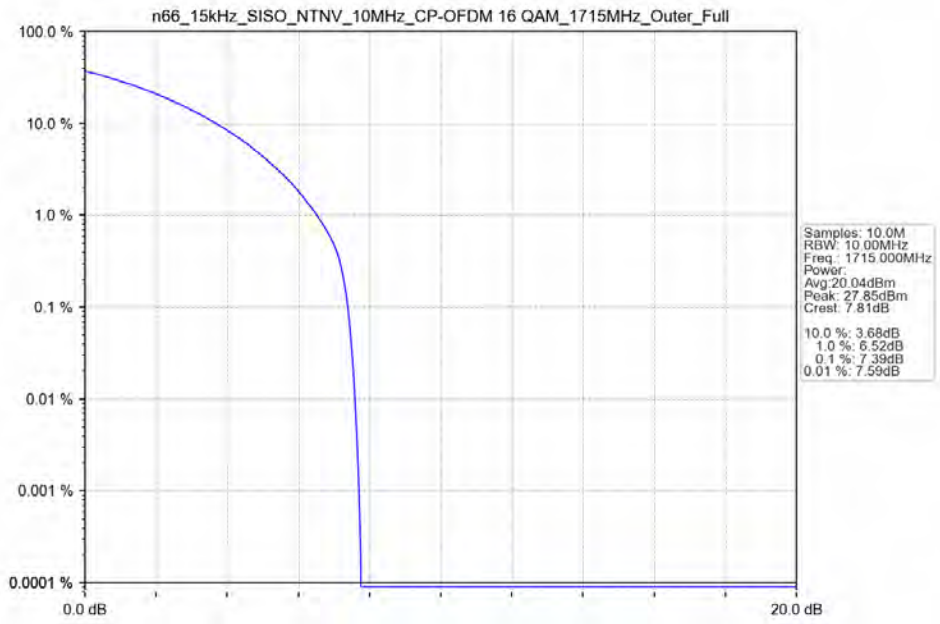

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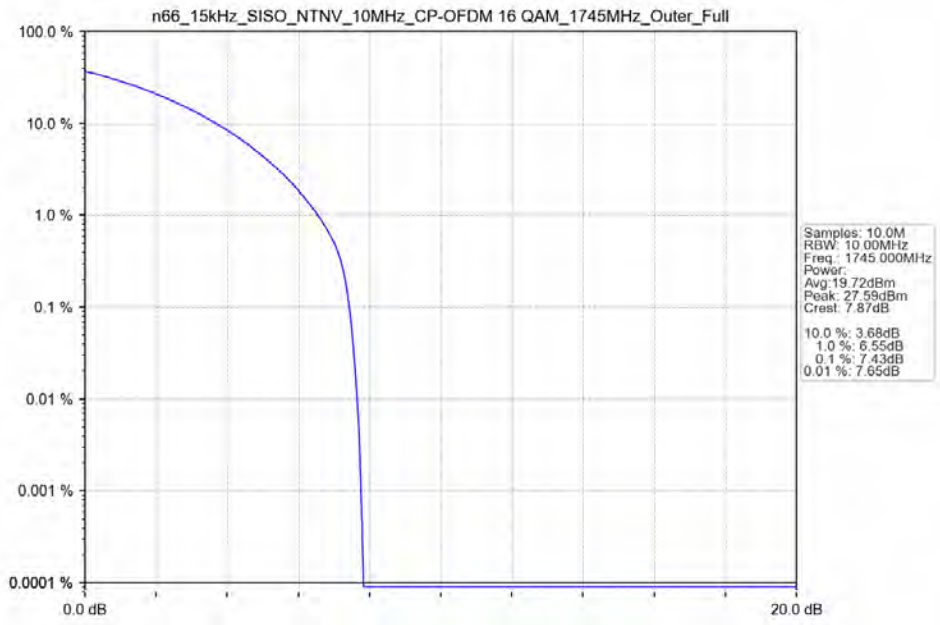

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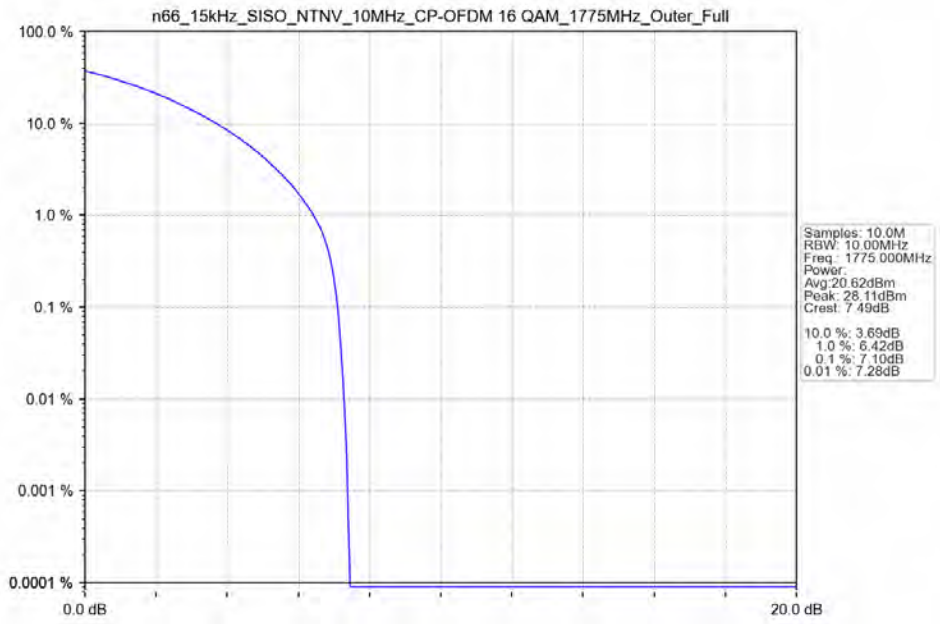

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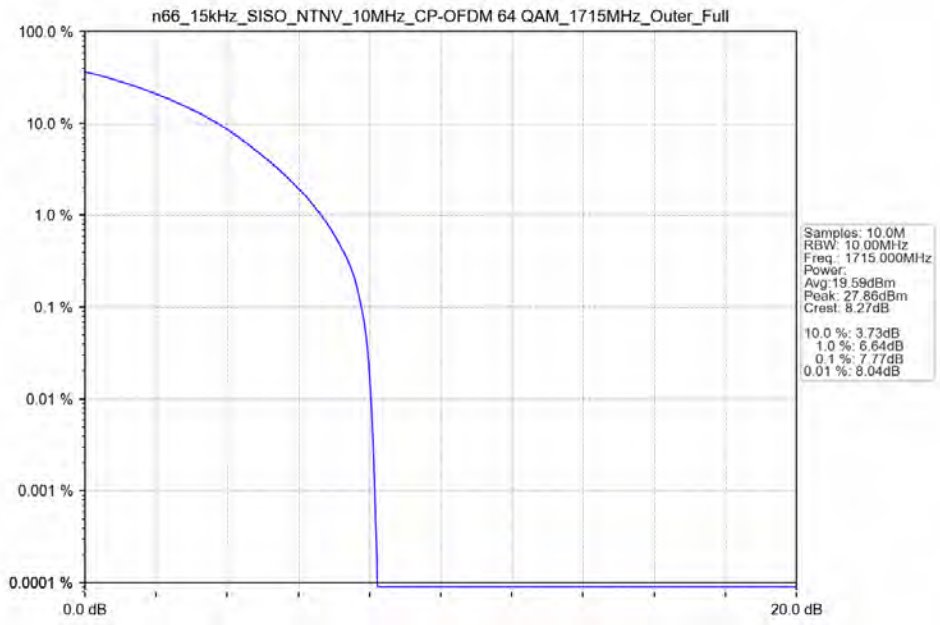

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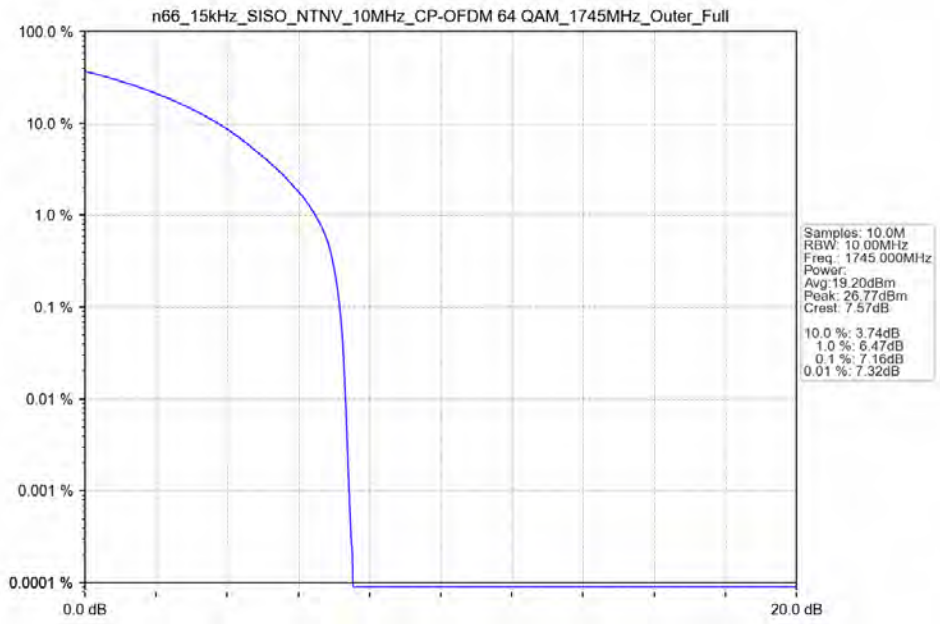

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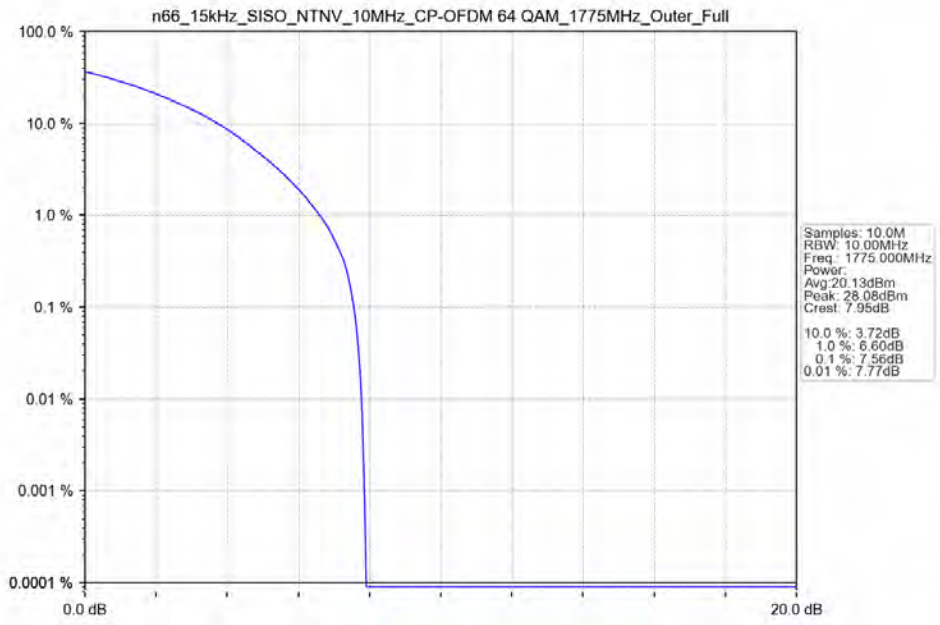

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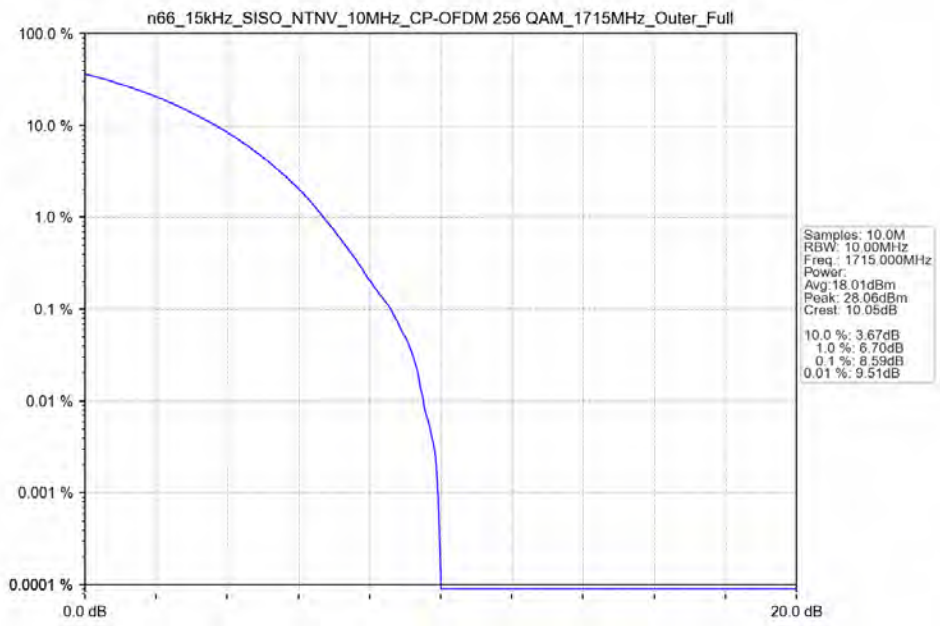

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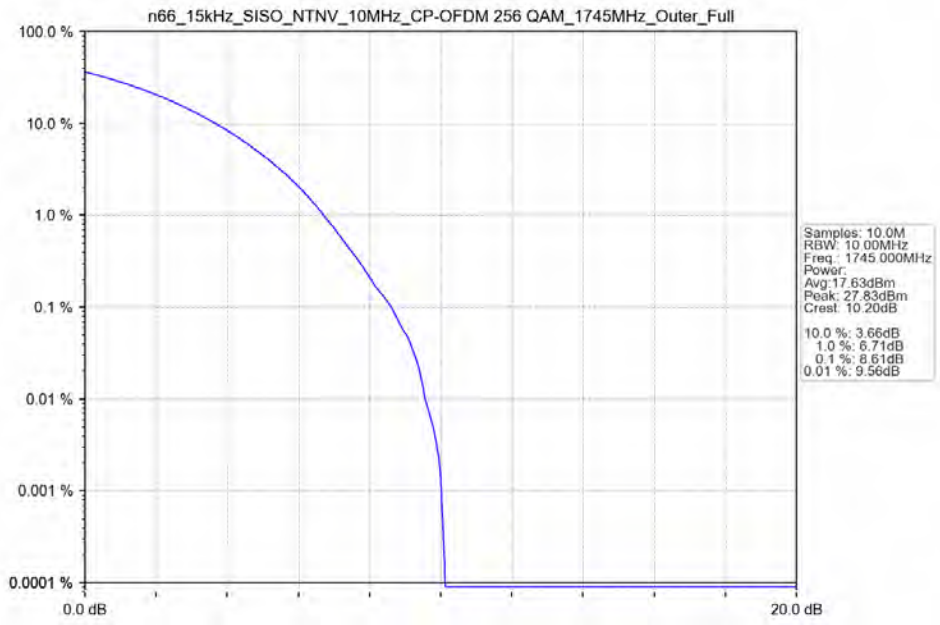

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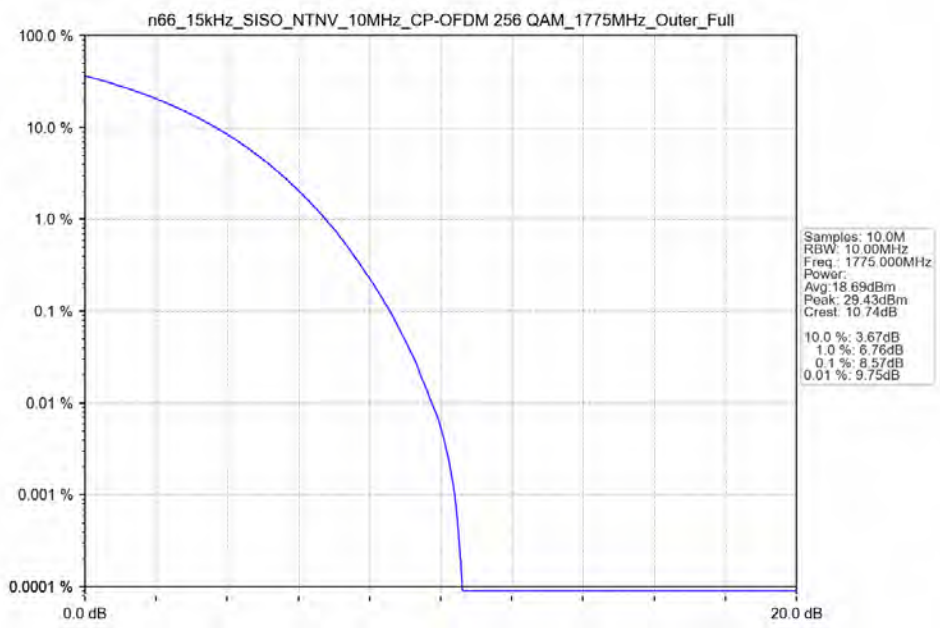
n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1775MHz_Outer_Full



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4.3 15k_SISO_15MHz_NTNV

4.3.1 Test Result

5G NR n66 SCS=15kHz SISO 15MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1717.5	Outer_Full	3.93	/	/	<=13	Pass
	1745	Outer_Full	4.13	/	/	<=13	Pass
	1772.5	Outer_Full	4.13	/	/	<=13	Pass
DFT-s-OFDM QPSK	1717.5	Outer_Full	5.14	/	/	<=13	Pass
	1745	Outer_Full	5.13	/	/	<=13	Pass
	1772.5	Outer_Full	4.66	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1717.5	Outer_Full	6.07	/	/	<=13	Pass
	1745	Outer_Full	6.08	/	/	<=13	Pass
	1772.5	Outer_Full	5.62	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1717.5	Outer_Full	6.40	/	/	<=13	Pass
	1745	Outer_Full	6.43	/	/	<=13	Pass
	1772.5	Outer_Full	6.15	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1717.5	Outer_Full	6.58	/	/	<=13	Pass
	1745	Outer_Full	6.67	/	/	<=13	Pass
	1772.5	Outer_Full	6.64	/	/	<=13	Pass
CP-OFDM QPSK	1717.5	Outer_Full	6.66	/	/	<=13	Pass
	1745	Outer_Full	6.82	/	/	<=13	Pass
	1772.5	Outer_Full	6.97	/	/	<=13	Pass
CP-OFDM 16 QAM	1717.5	Outer_Full	7.35	/	/	<=13	Pass
	1745	Outer_Full	7.26	/	/	<=13	Pass
	1772.5	Outer_Full	6.86	/	/	<=13	Pass
CP-OFDM 64 QAM	1717.5	Outer_Full	7.91	/	/	<=13	Pass
	1745	Outer_Full	7.83	/	/	<=13	Pass
	1772.5	Outer_Full	7.51	/	/	<=13	Pass
CP-OFDM 256 QAM	1717.5	Outer_Full	8.35	/	/	<=13	Pass
	1745	Outer_Full	8.37	/	/	<=13	Pass
	1772.5	Outer_Full	8.46	/	/	<=13	Pass

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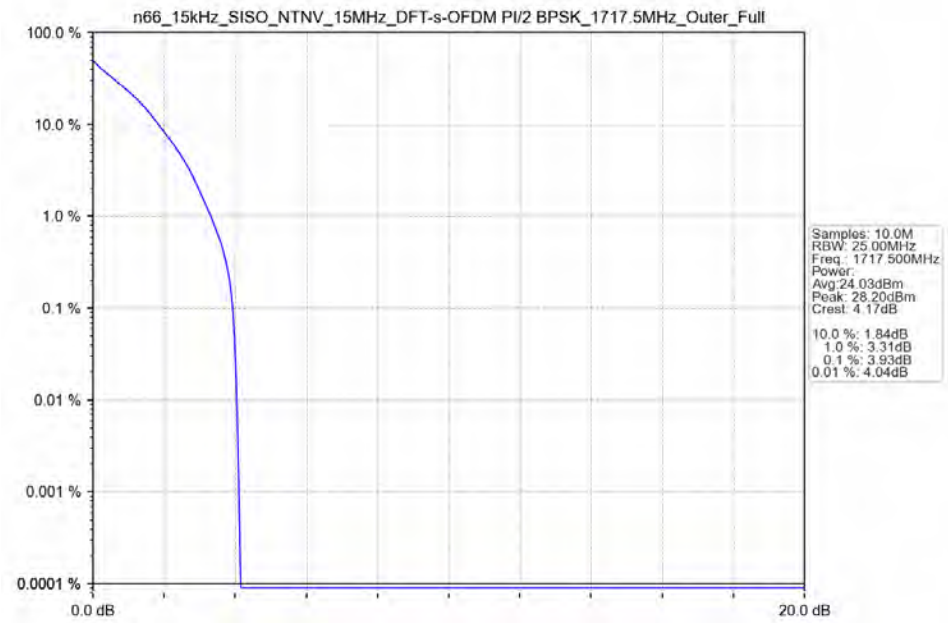
4.3.2 Test Graph

n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1717.5MHz_Outer_Full



n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1745MHz_Outer_Full

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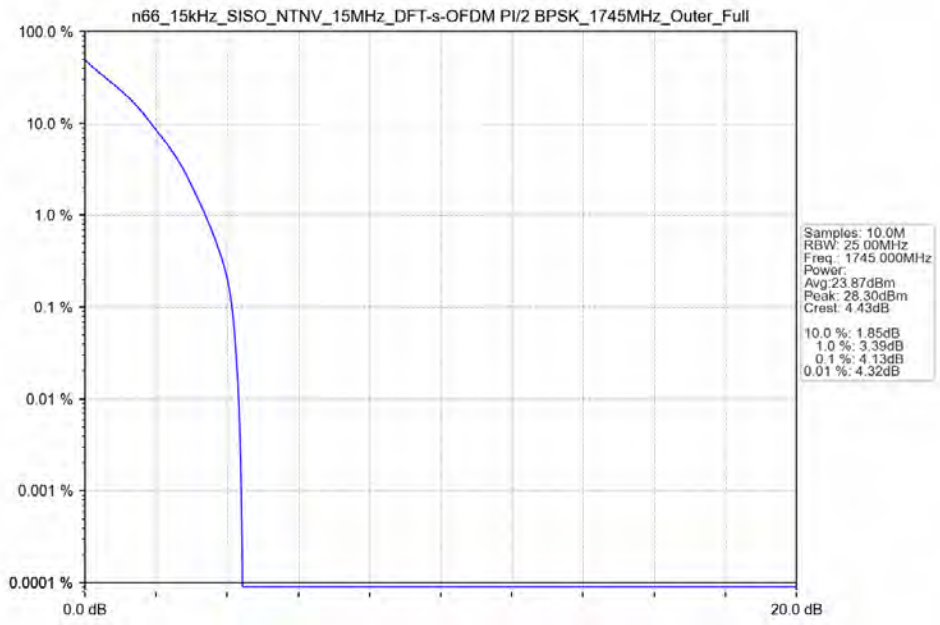

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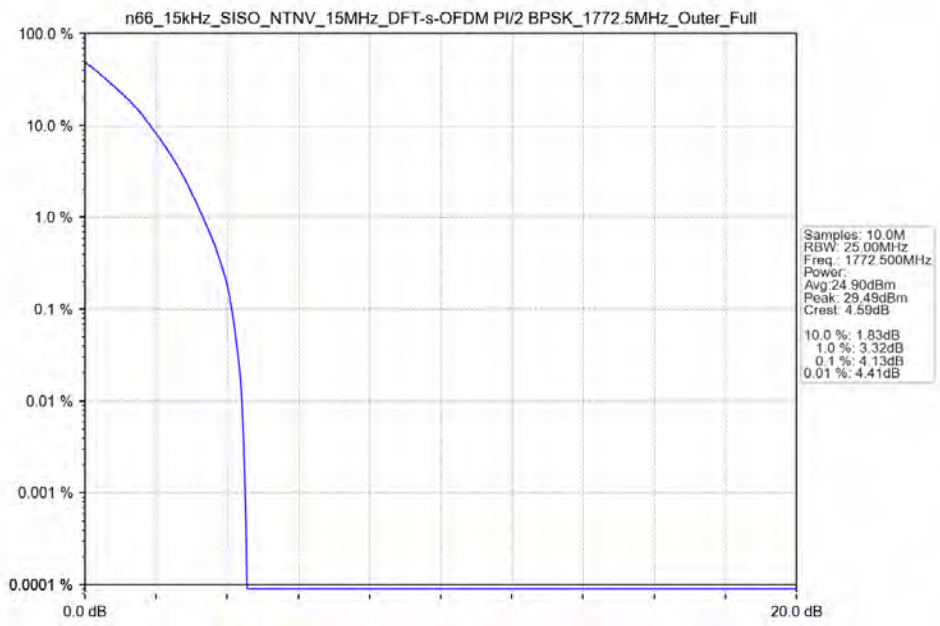
n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1772.5MHz_Outer_Full



n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1717.5MHz_Outer_Full

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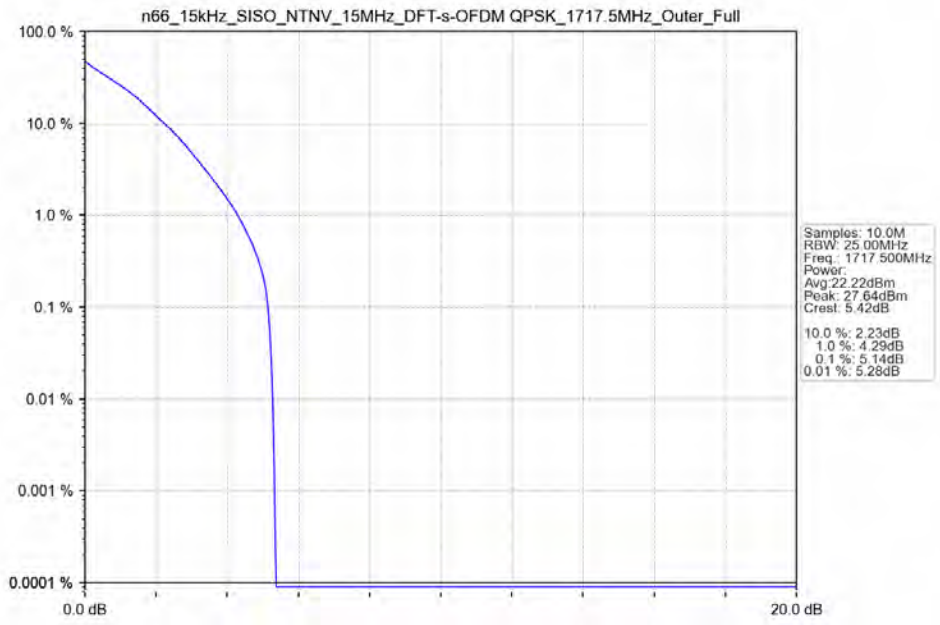

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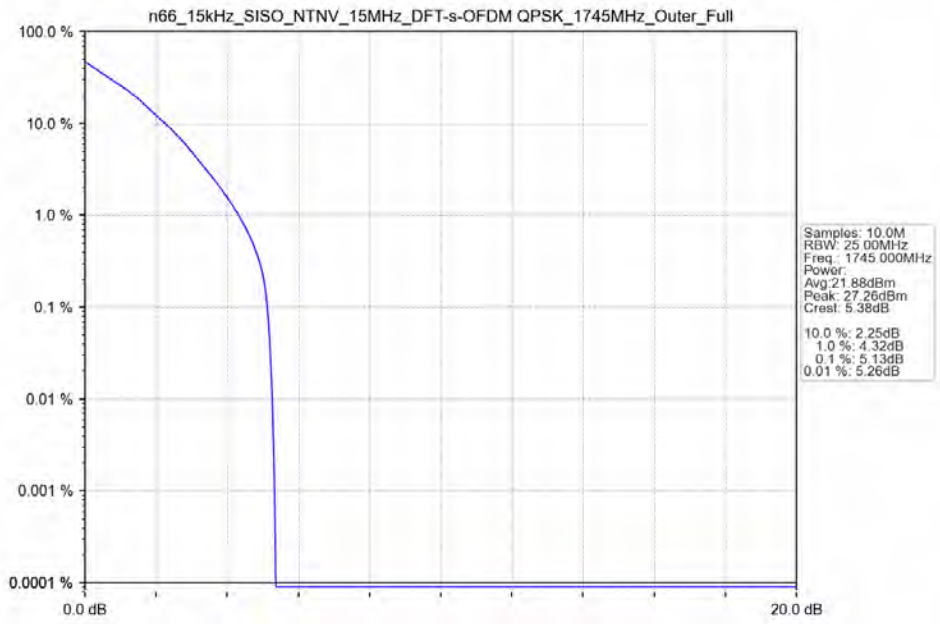

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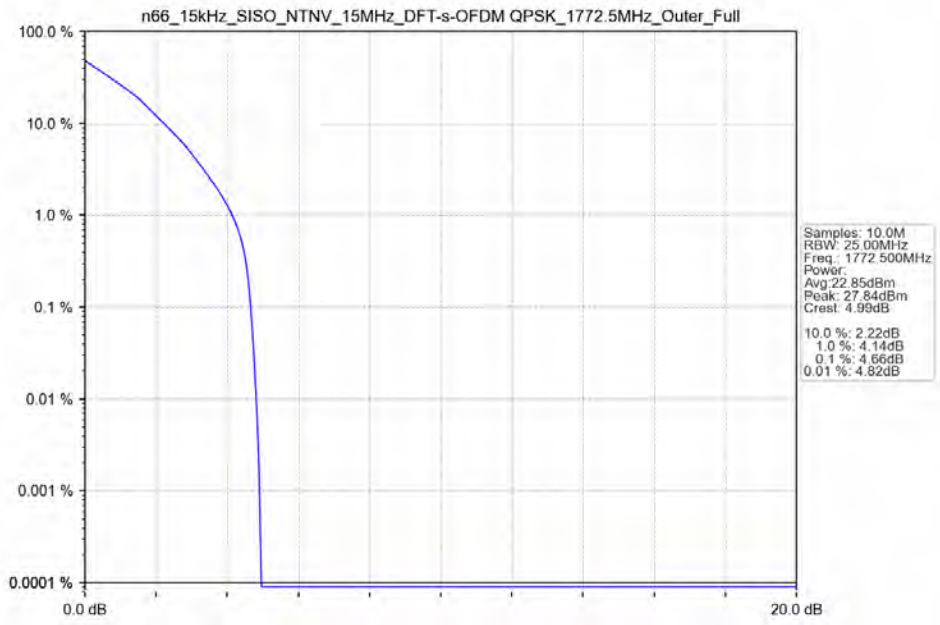

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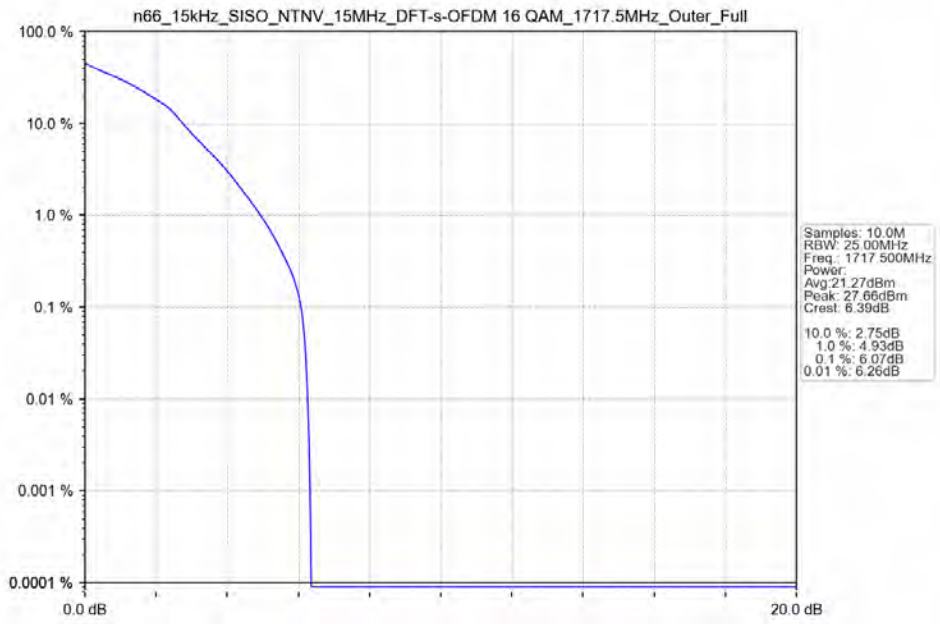

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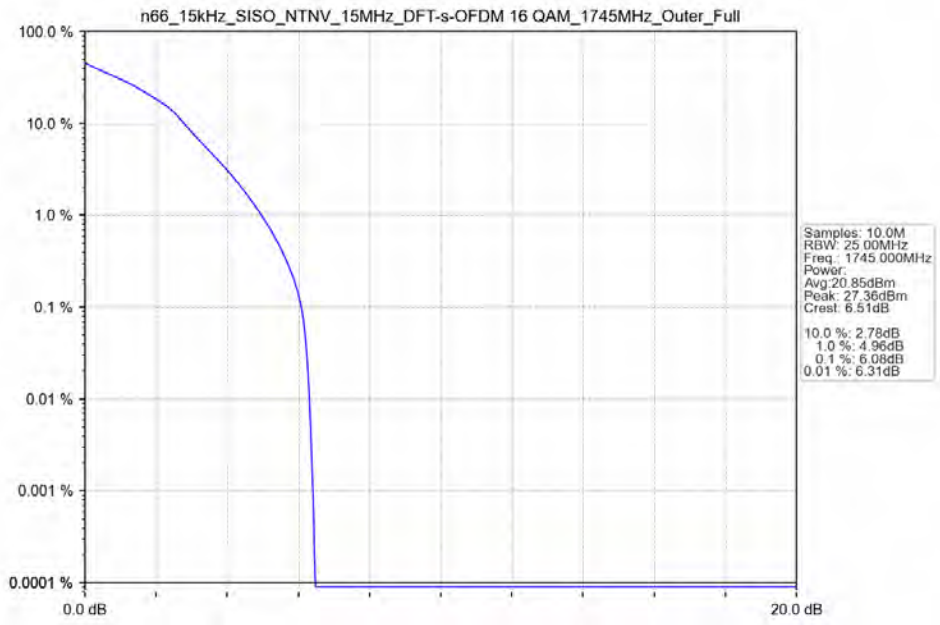

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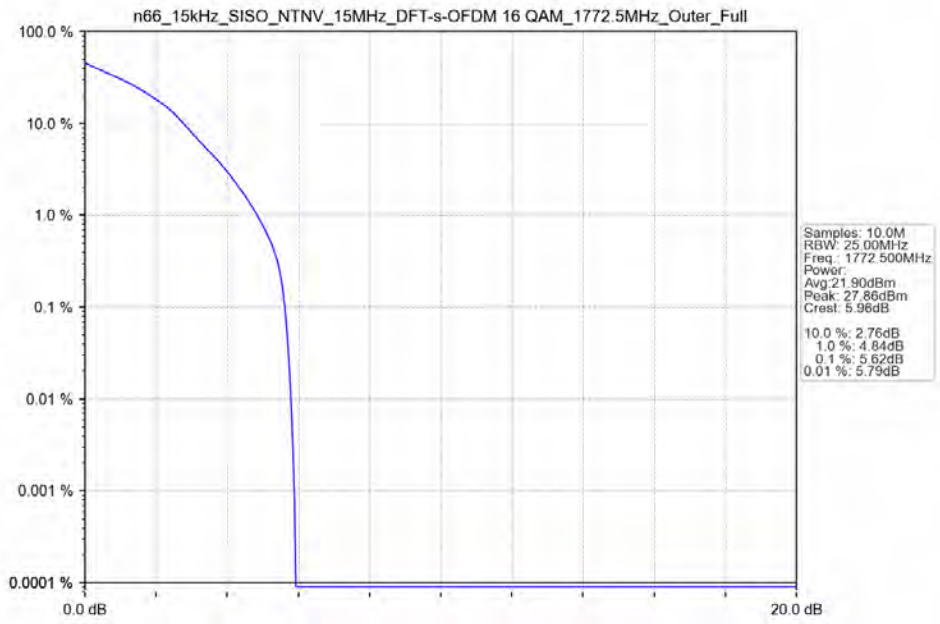

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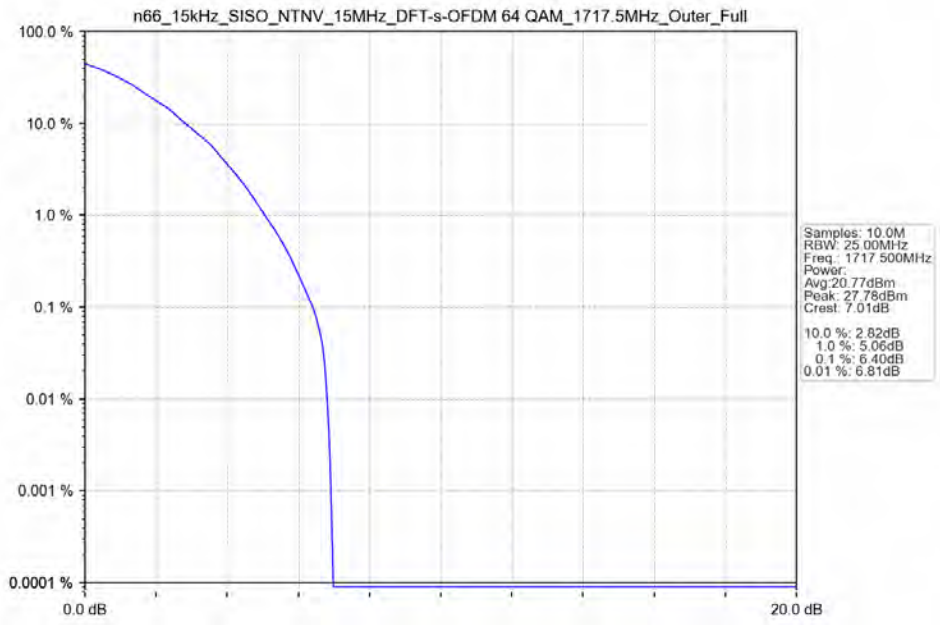

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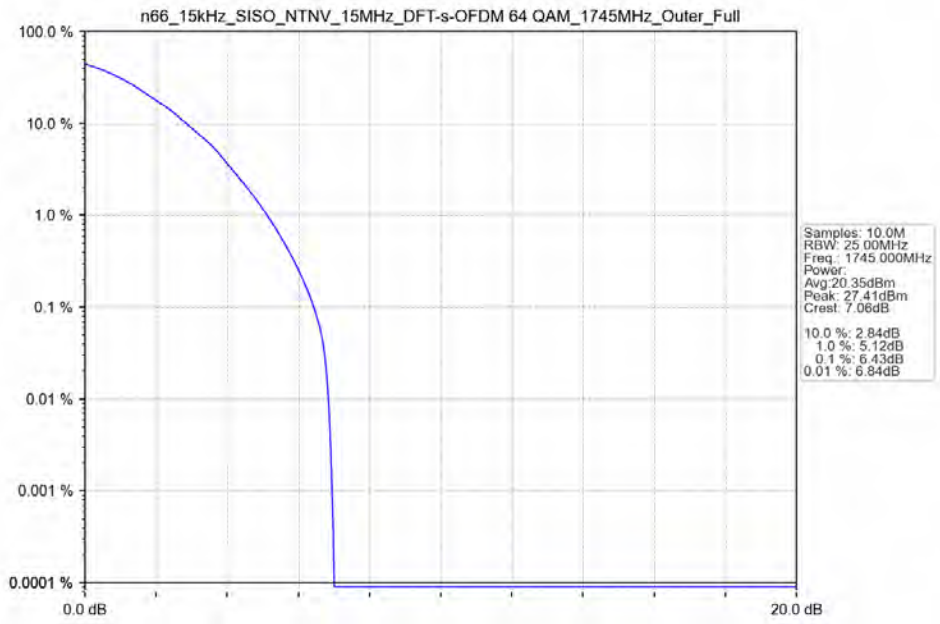

n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1772.5MHz_Outer_Full

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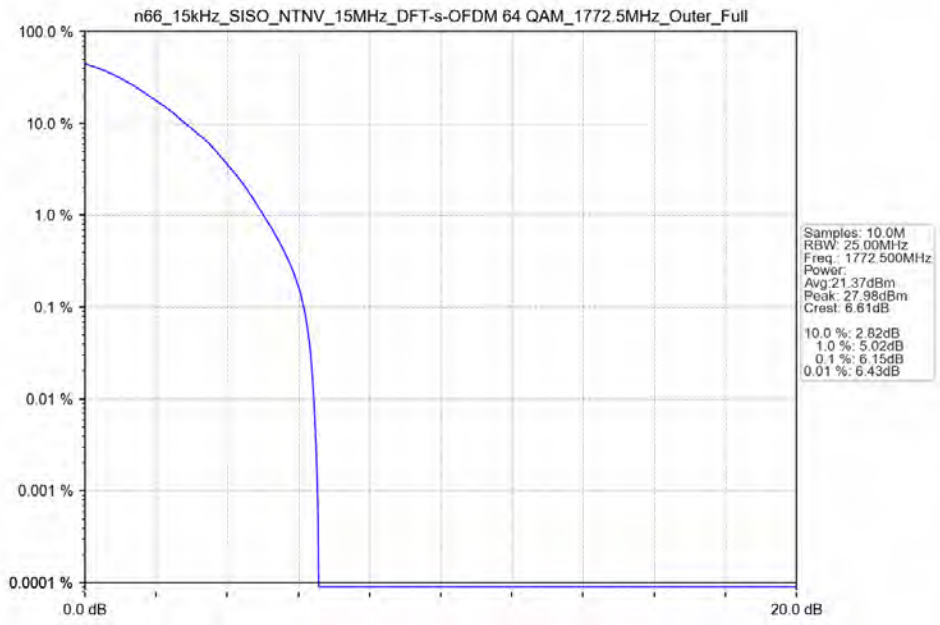

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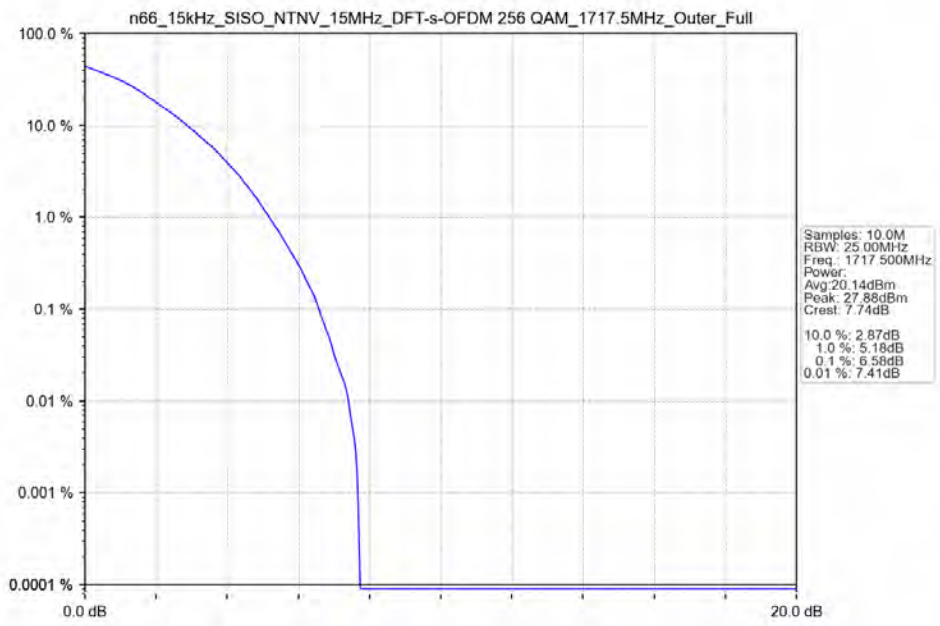

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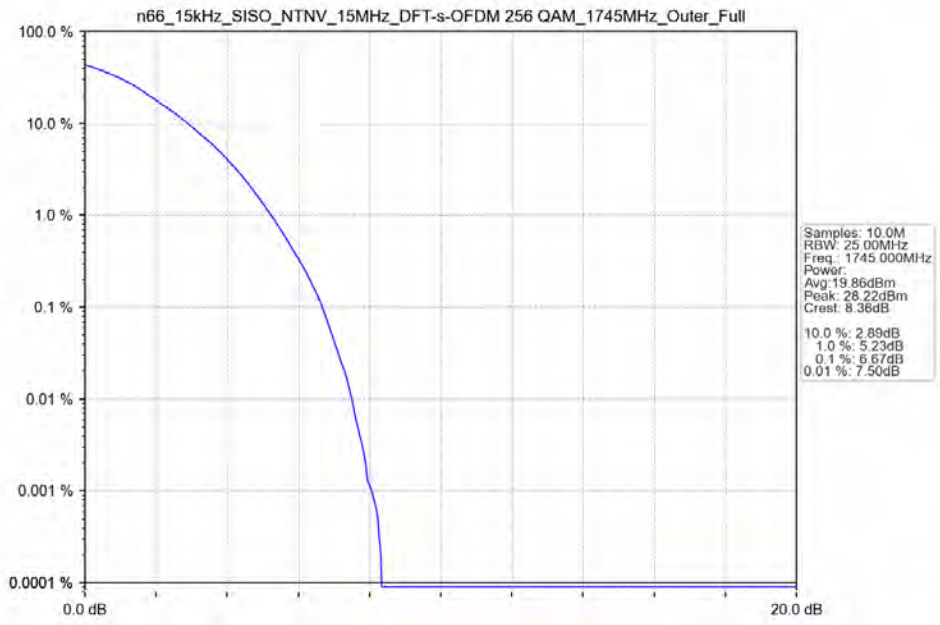

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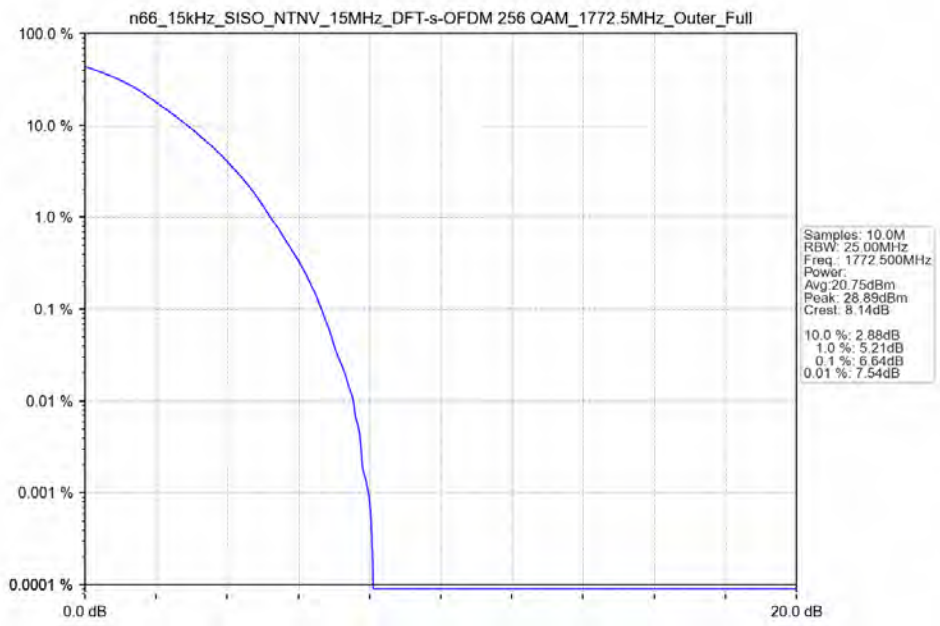

n66_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1717.5MHz_Outer_Full

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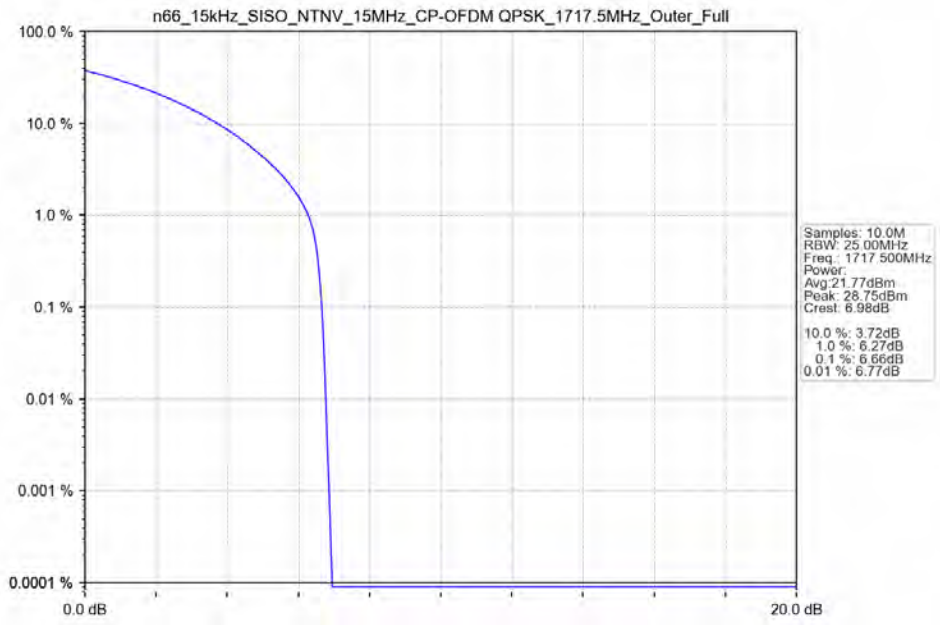

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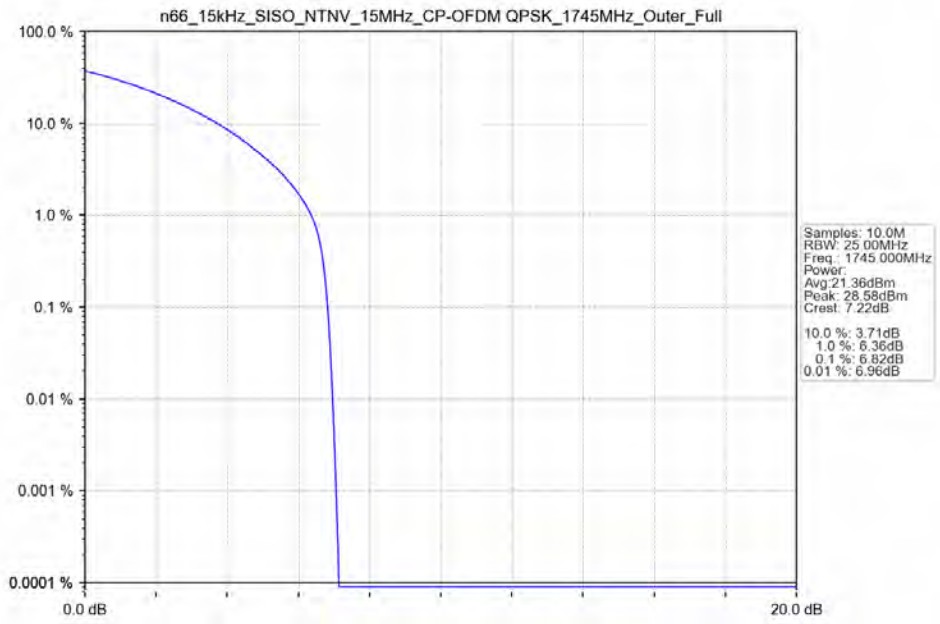

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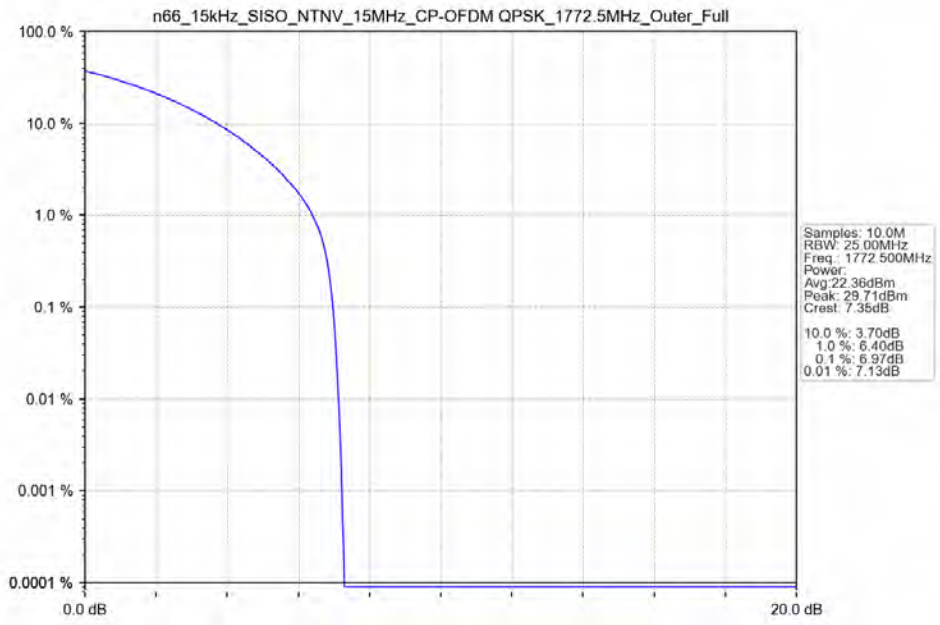

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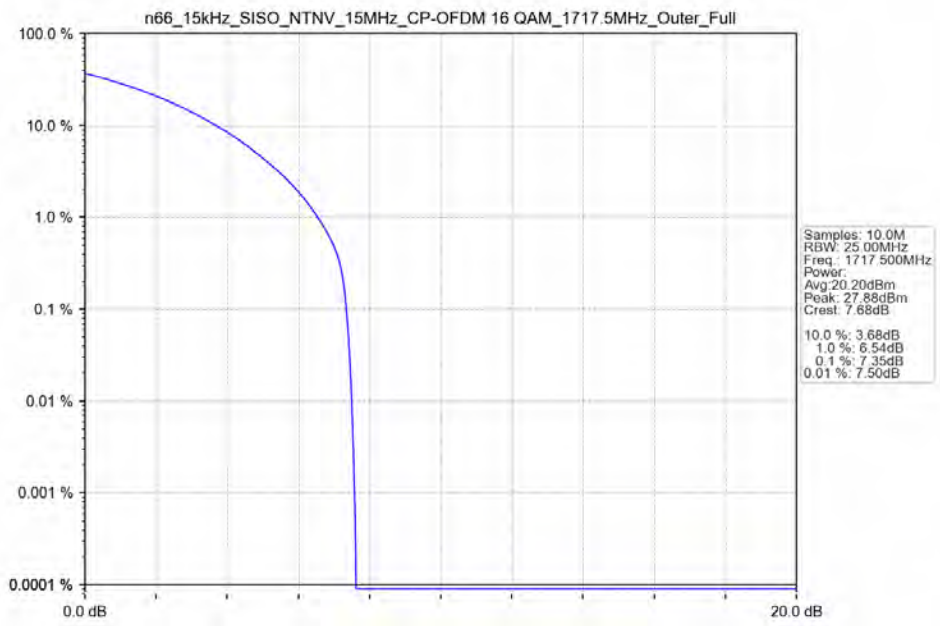

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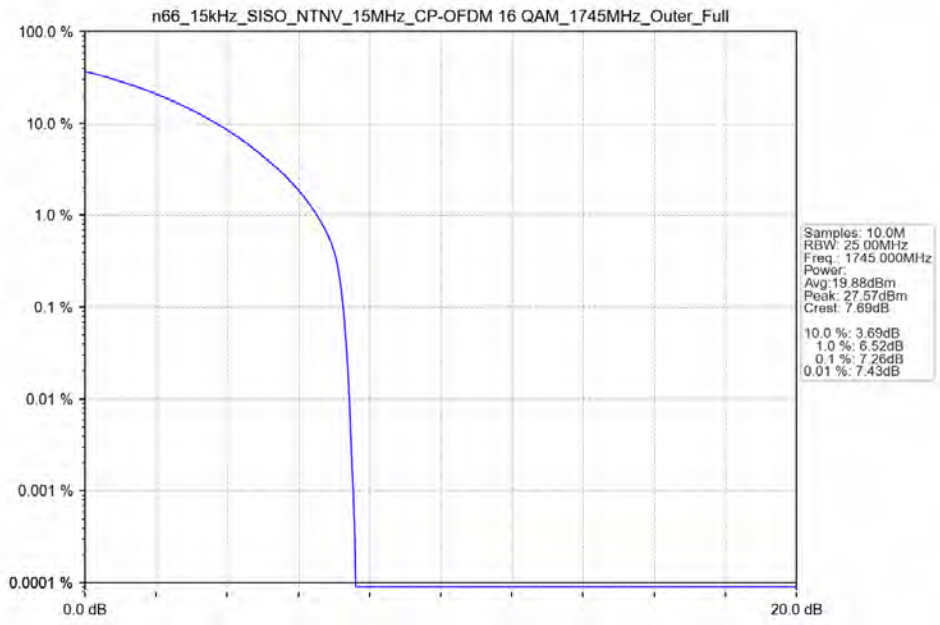

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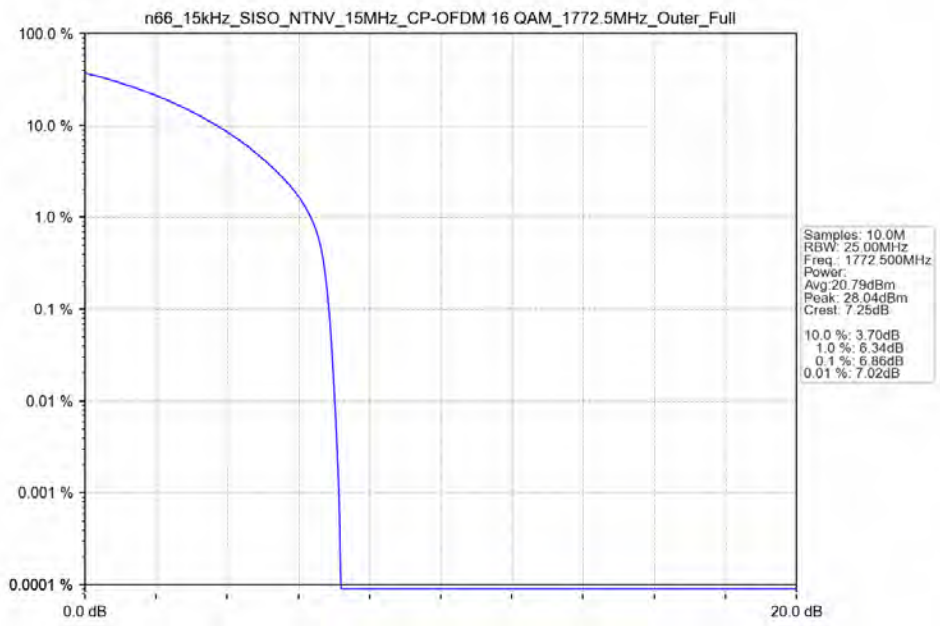

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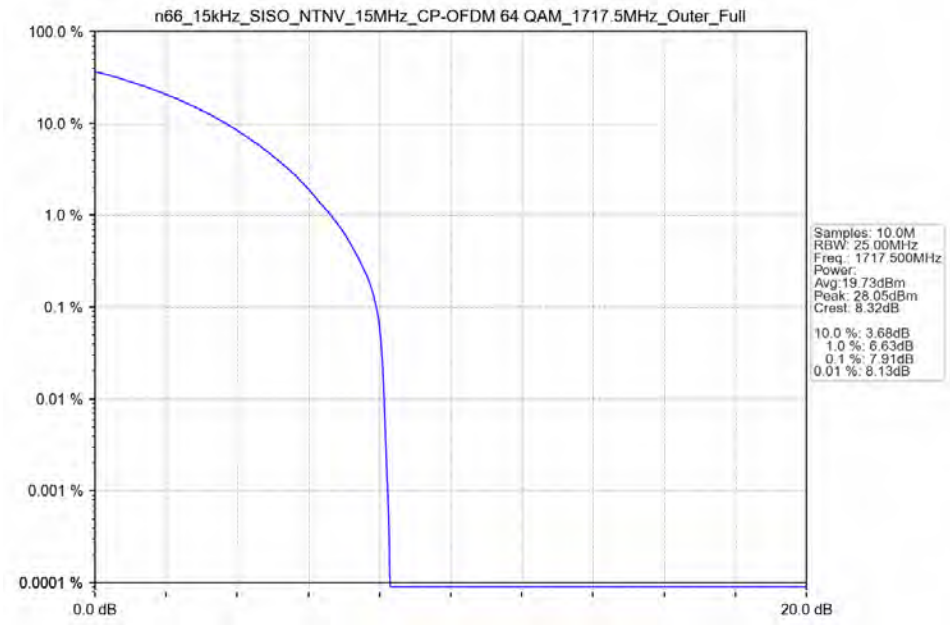

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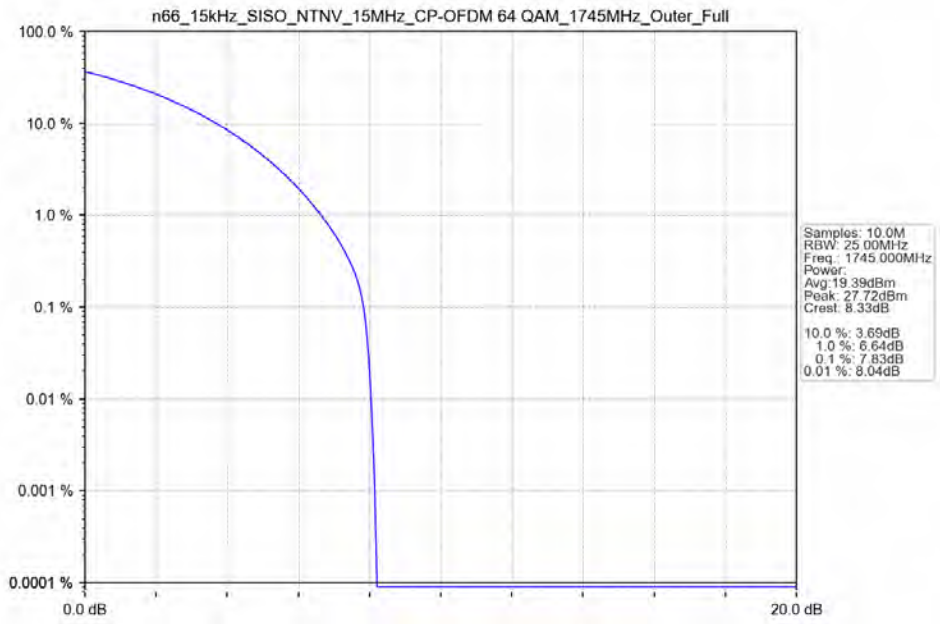

n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1772.5MHz_Outer_Full

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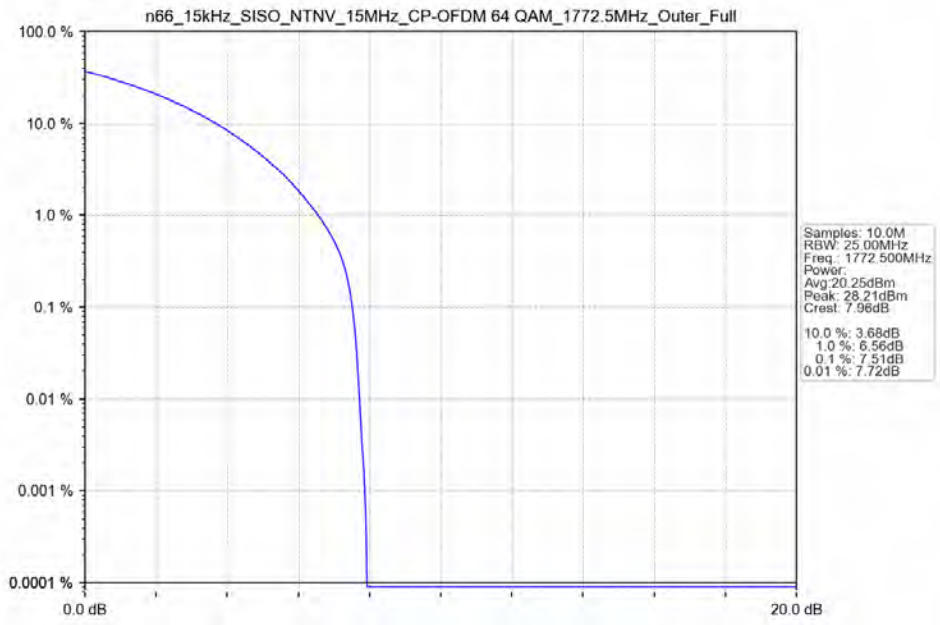

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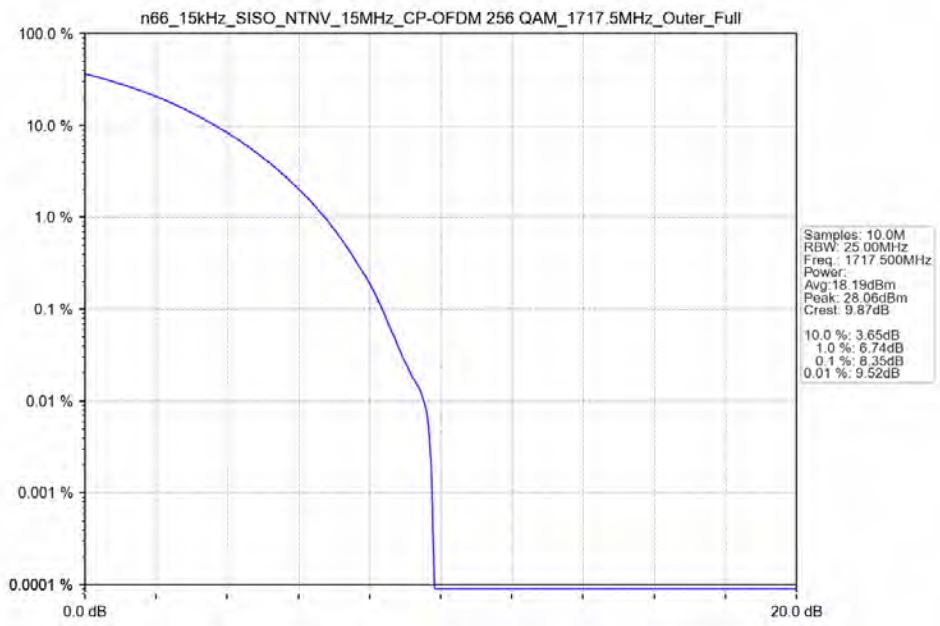
n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_1717.5MHz_Outer_Full



n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_1745MHz_Outer_Full

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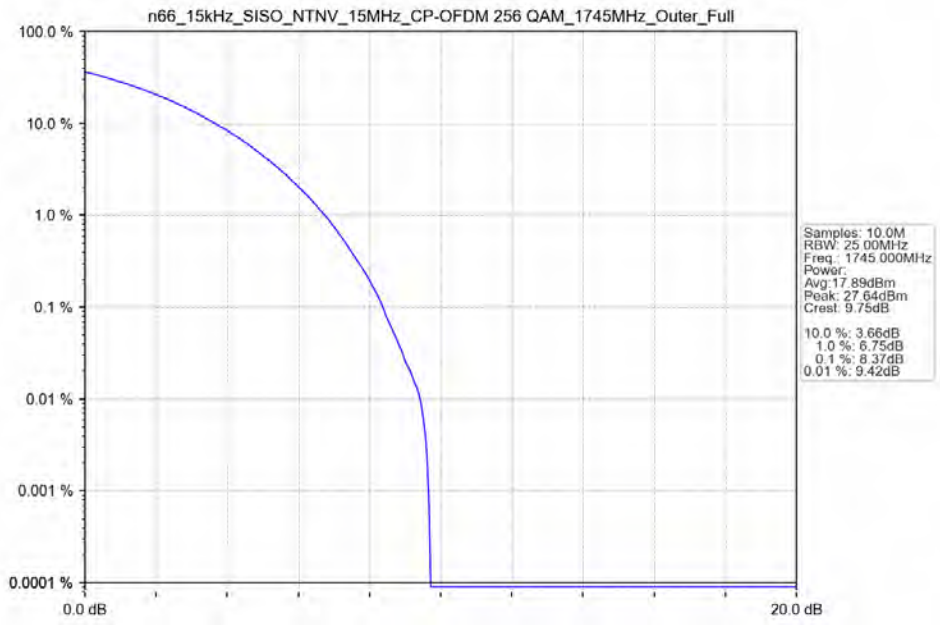

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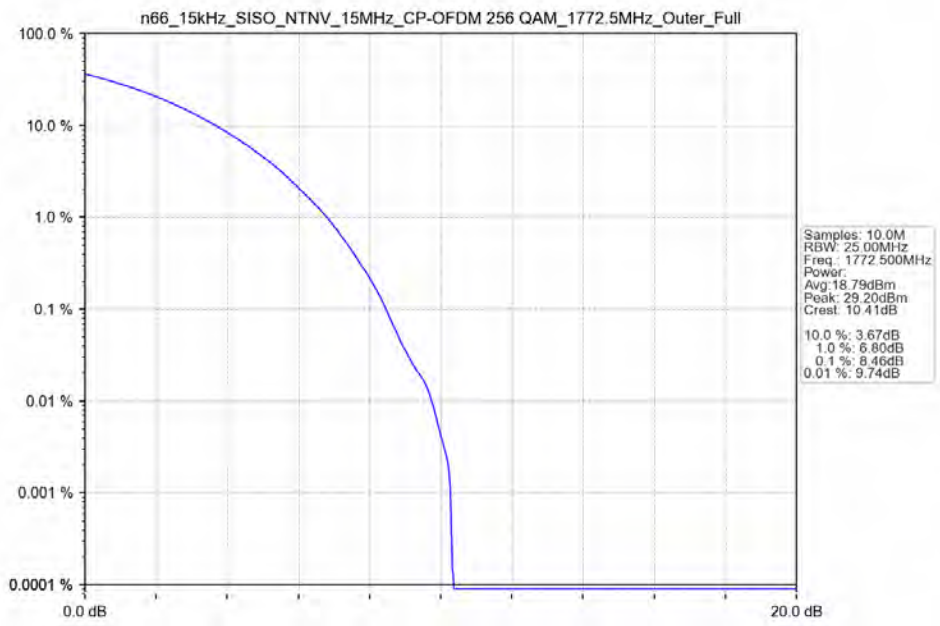
n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_1772.5MHz_Outer_Full



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4.4 15k_SISO_20MHz_NTNV

4.4.1 Test Result

5G NR n66 SCS=15kHz SISO 20MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1720	Outer_Full	3.86	/	/	<=13	Pass
	1745	Outer_Full	4.21	/	/	<=13	Pass
	1770	Outer_Full	4.15	/	/	<=13	Pass
DFT-s-OFDM QPSK	1720	Outer_Full	5.17	/	/	<=13	Pass
	1745	Outer_Full	5.23	/	/	<=13	Pass
	1770	Outer_Full	4.72	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1720	Outer_Full	6.11	/	/	<=13	Pass
	1745	Outer_Full	6.14	/	/	<=13	Pass
	1770	Outer_Full	5.74	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1720	Outer_Full	6.35	/	/	<=13	Pass
	1745	Outer_Full	6.38	/	/	<=13	Pass
	1770	Outer_Full	6.10	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1720	Outer_Full	6.64	/	/	<=13	Pass
	1745	Outer_Full	6.66	/	/	<=13	Pass
	1770	Outer_Full	6.72	/	/	<=13	Pass
CP-OFDM QPSK	1720	Outer_Full	6.73	/	/	<=13	Pass
	1745	Outer_Full	6.84	/	/	<=13	Pass
	1770	Outer_Full	7.01	/	/	<=13	Pass
CP-OFDM 16 QAM	1720	Outer_Full	7.41	/	/	<=13	Pass
	1745	Outer_Full	7.30	/	/	<=13	Pass
	1770	Outer_Full	6.93	/	/	<=13	Pass
CP-OFDM 64 QAM	1720	Outer_Full	6.96	/	/	<=13	Pass
	1745	Outer_Full	7.69	/	/	<=13	Pass
	1770	Outer_Full	7.31	/	/	<=13	Pass
CP-OFDM 256 QAM	1720	Outer_Full	8.42	/	/	<=13	Pass
	1745	Outer_Full	8.42	/	/	<=13	Pass
	1770	Outer_Full	8.47	/	/	<=13	Pass

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4.4.2 Test Graph

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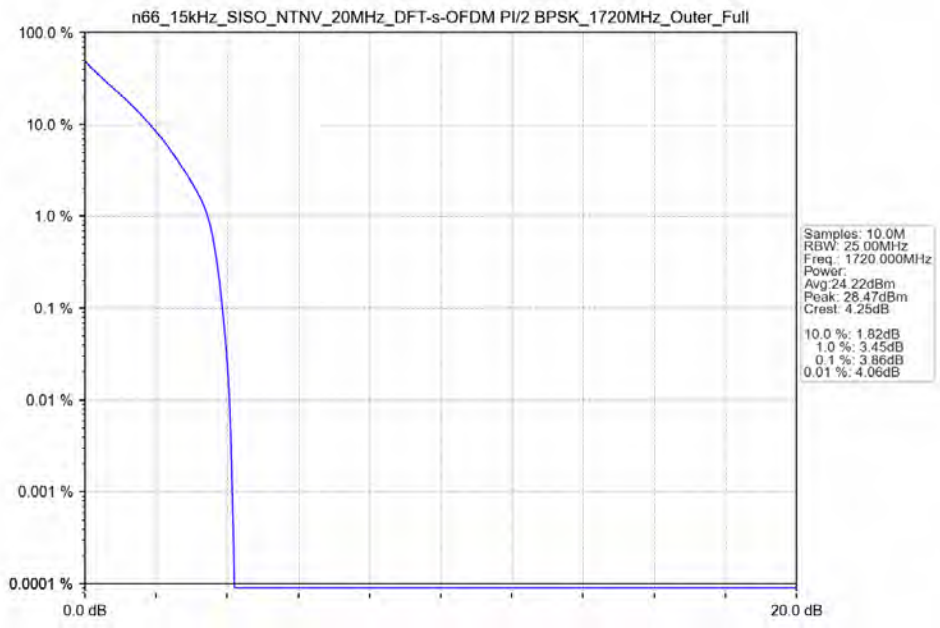

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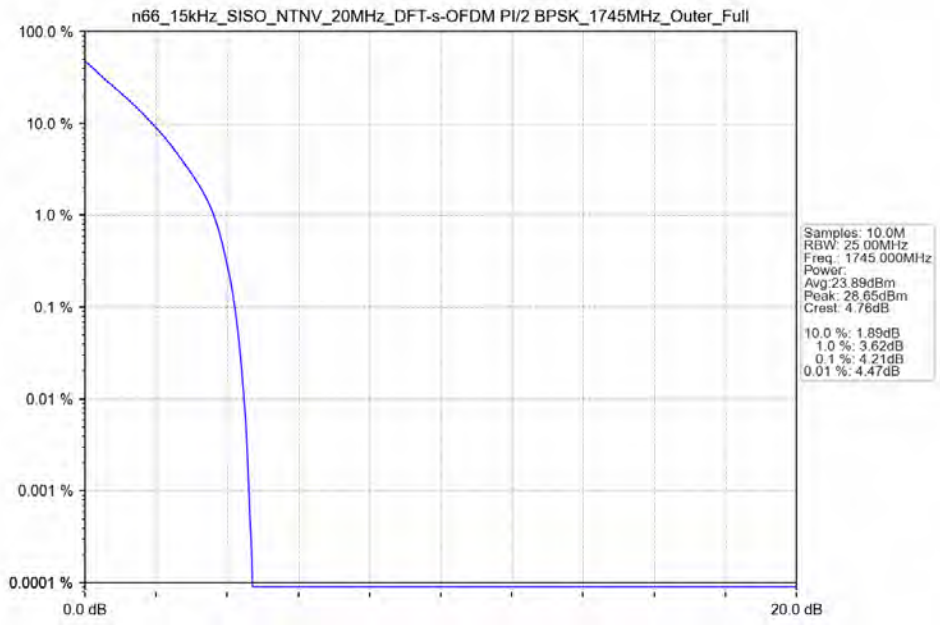

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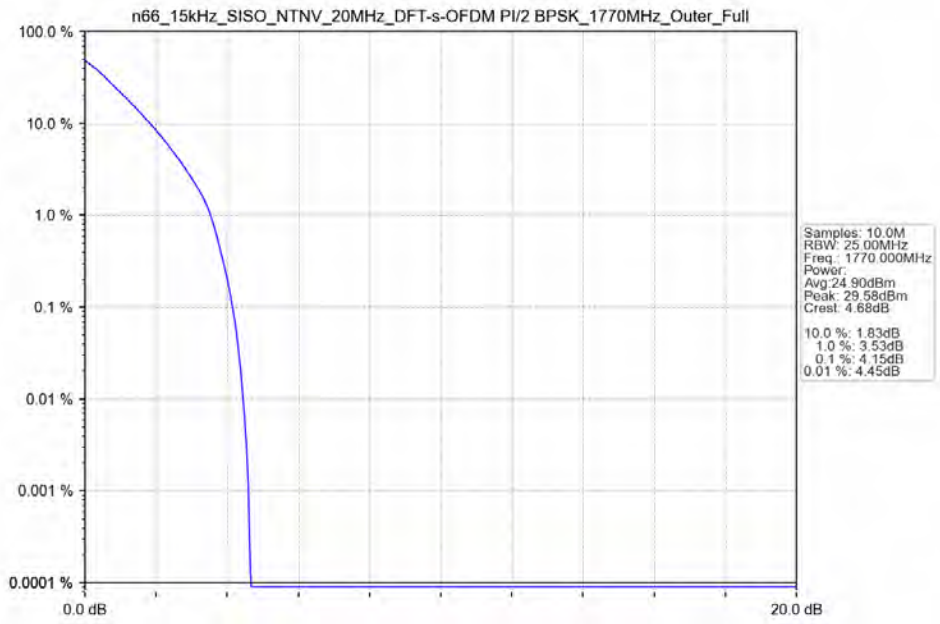

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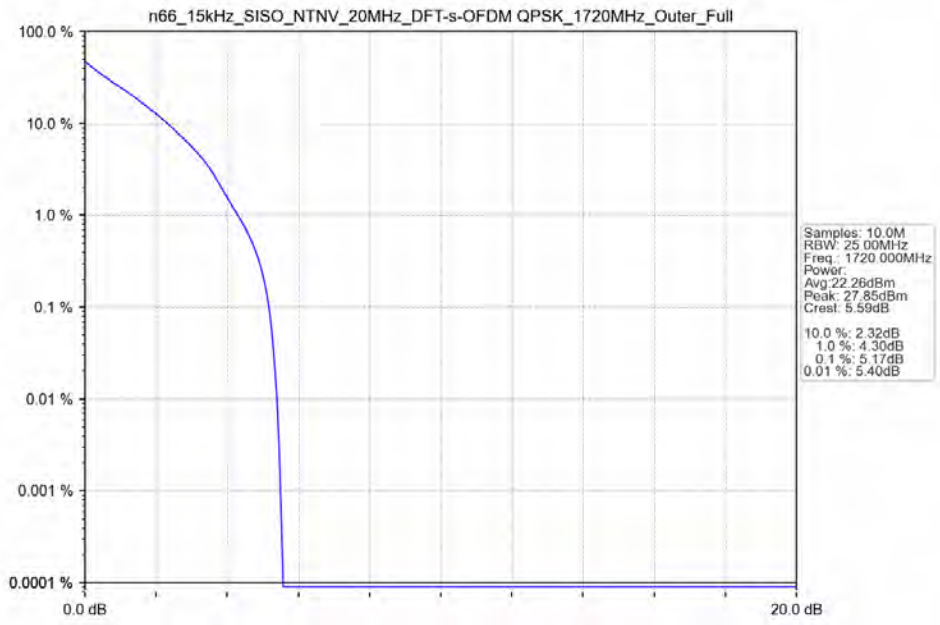

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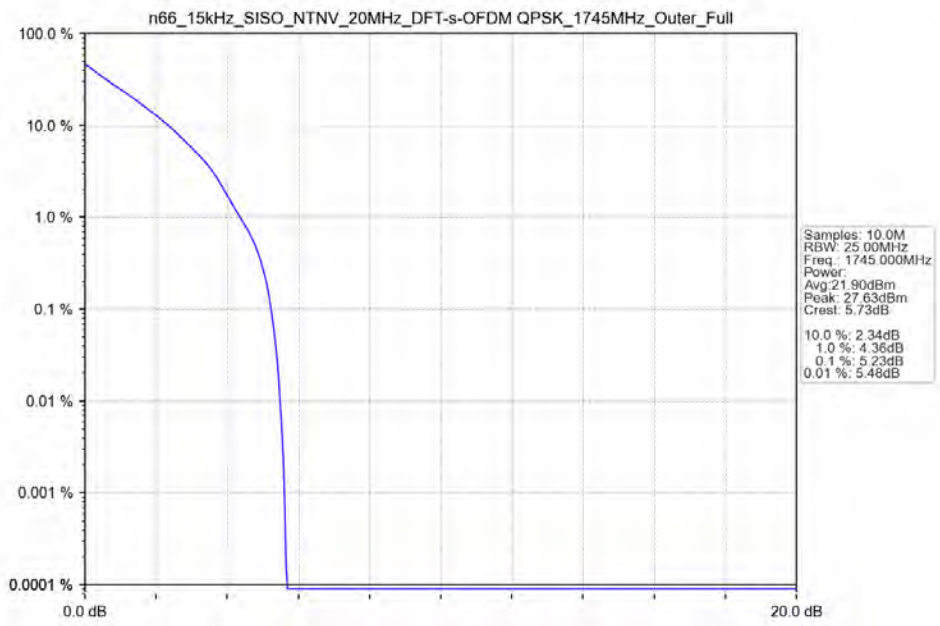

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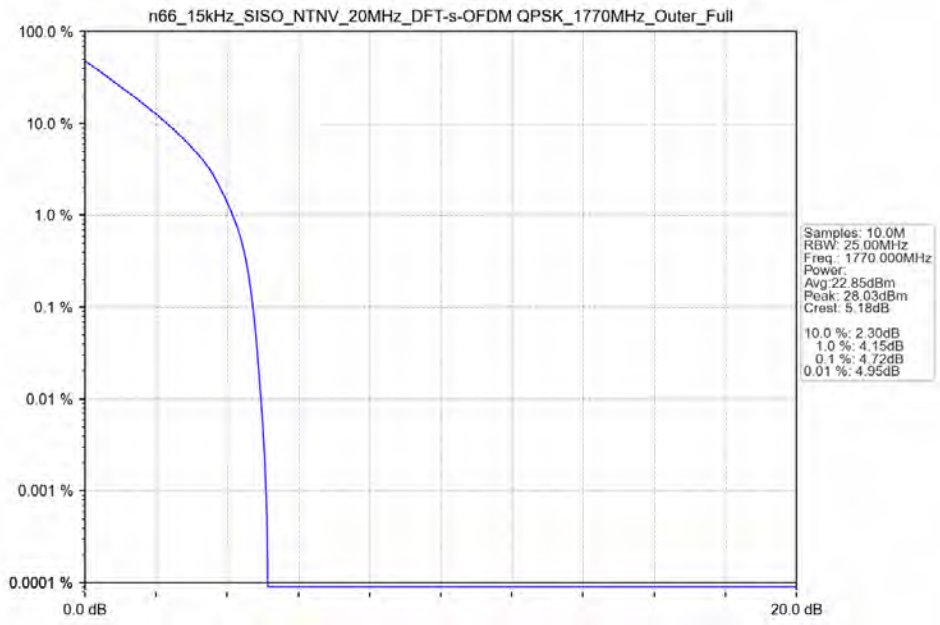

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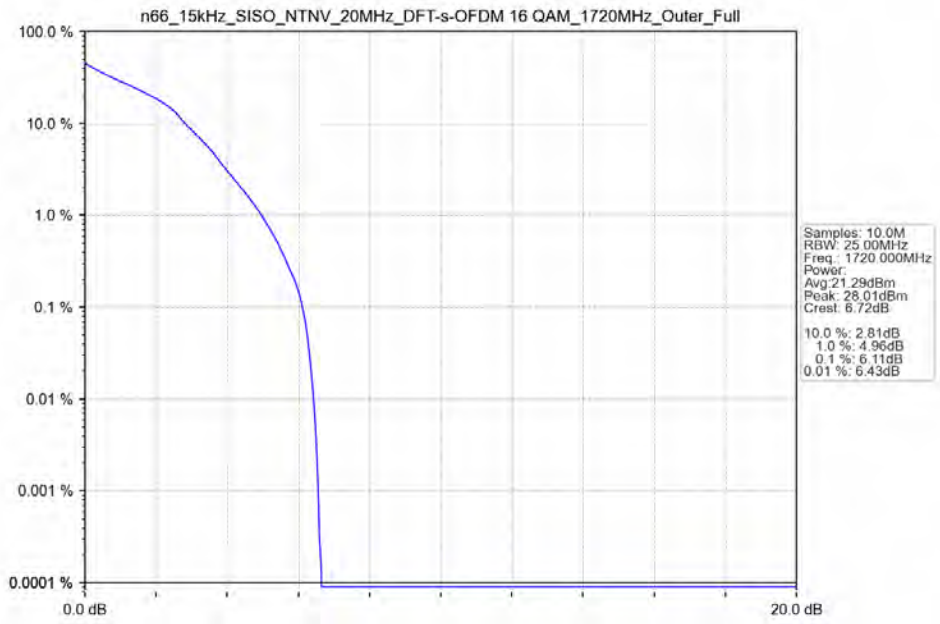

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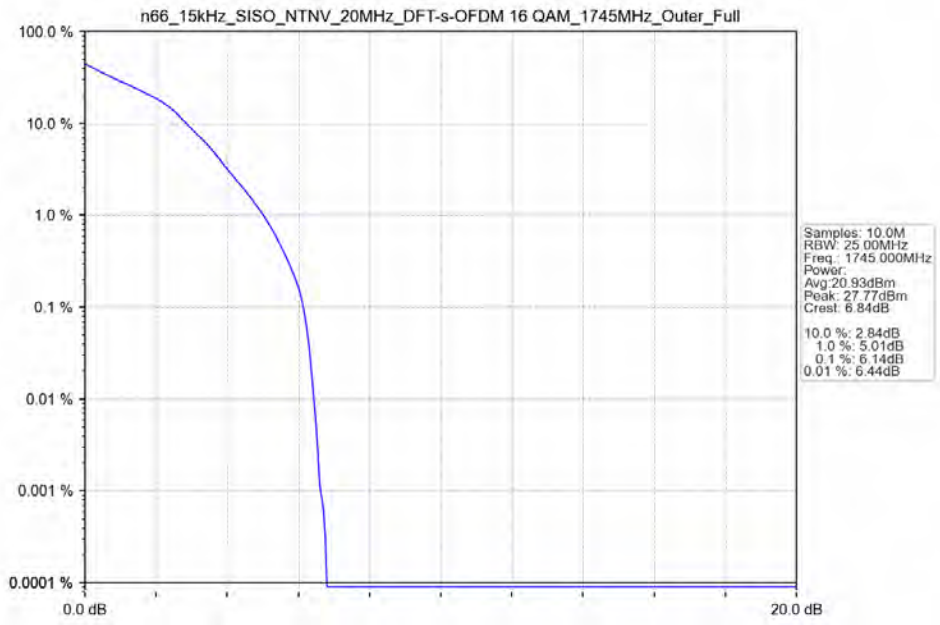

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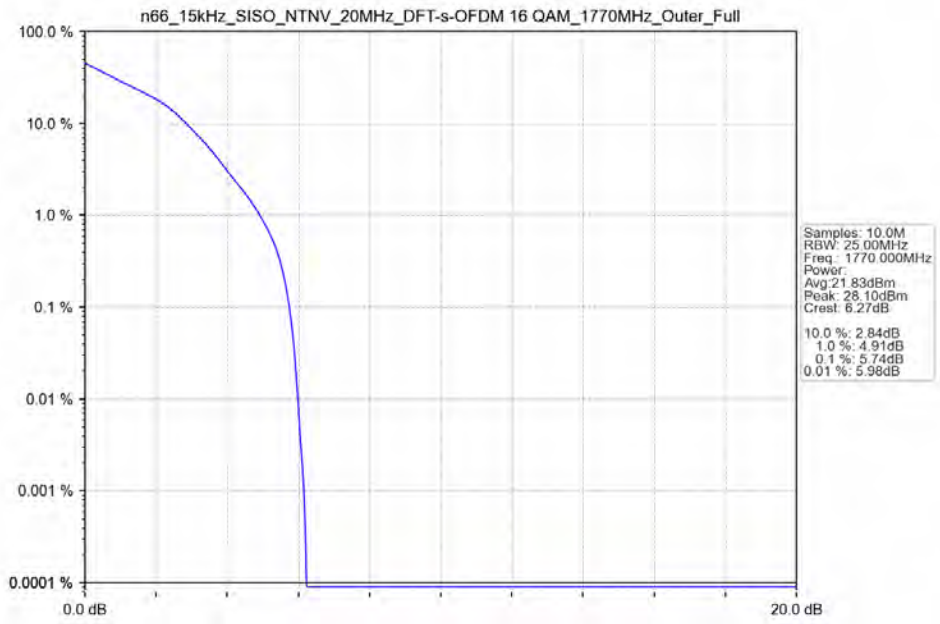

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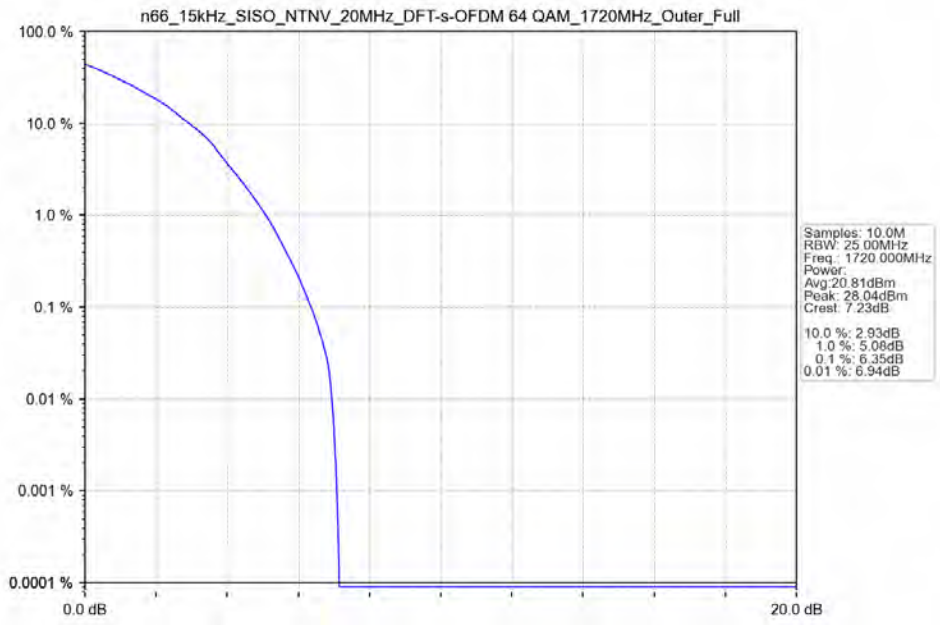

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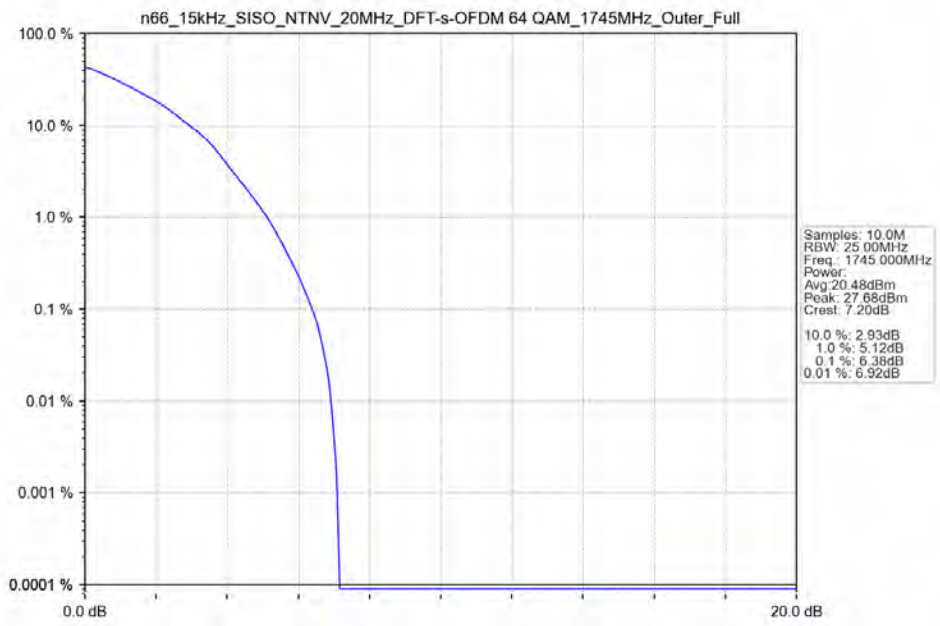

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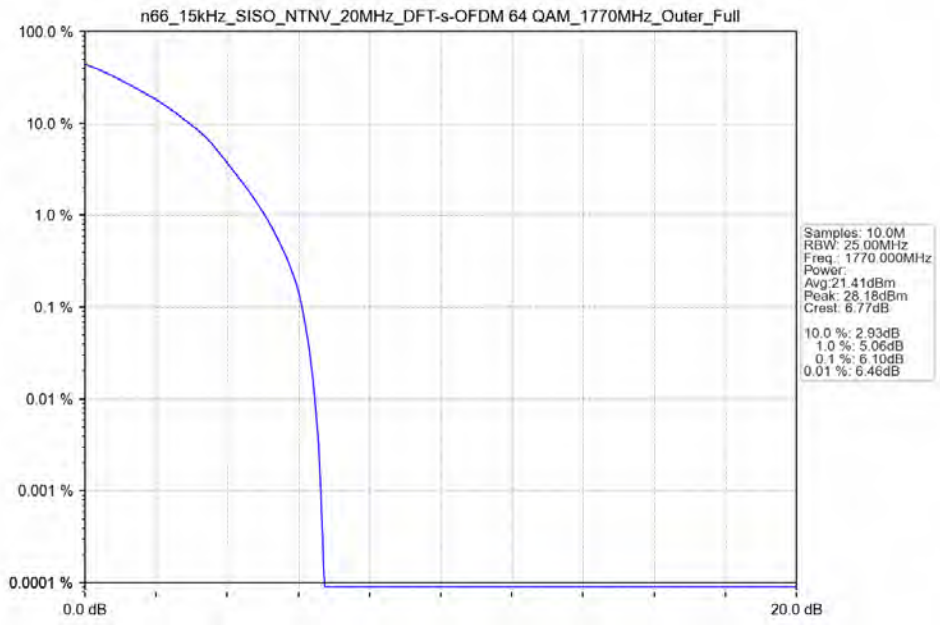

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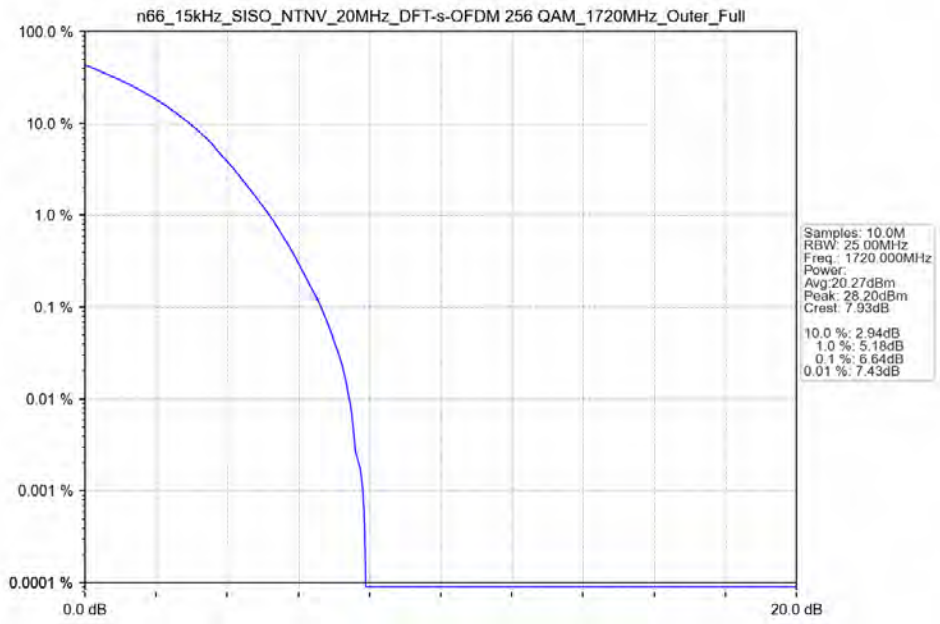

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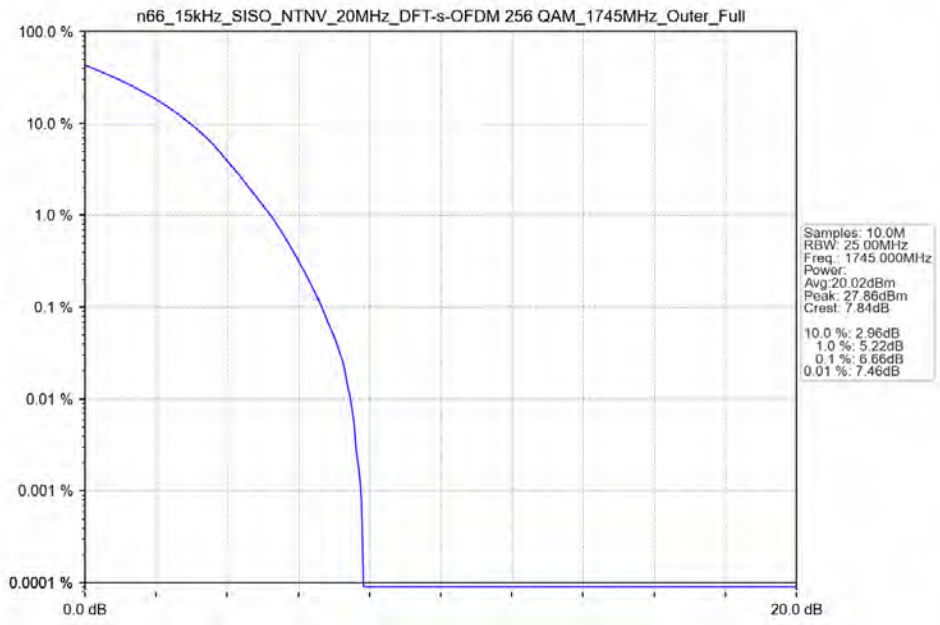

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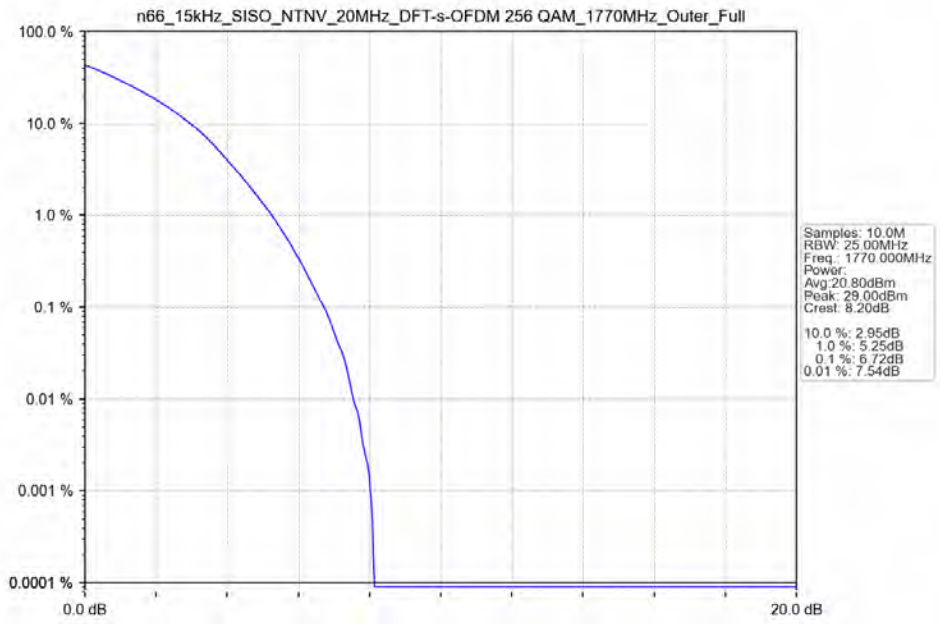

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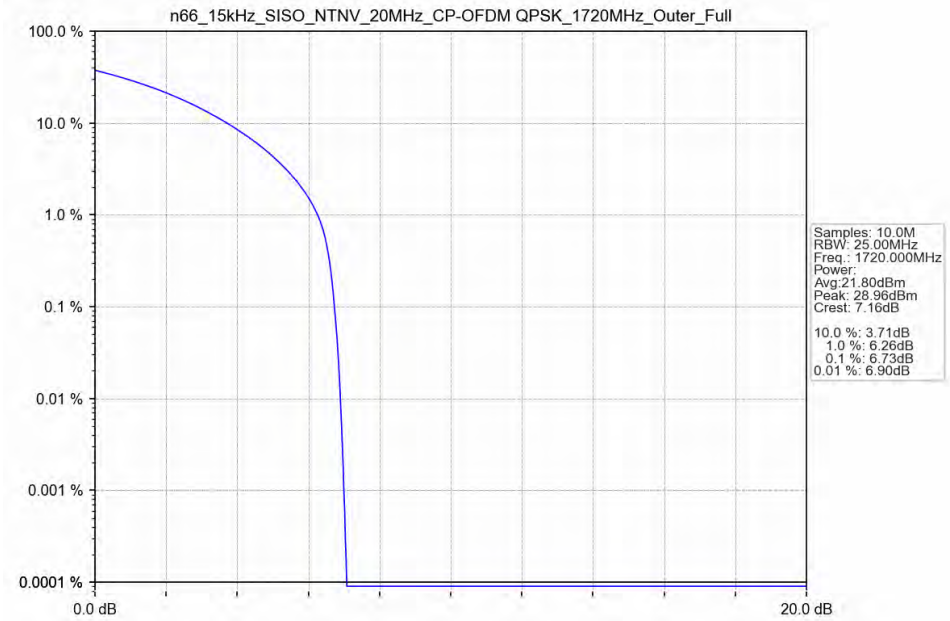

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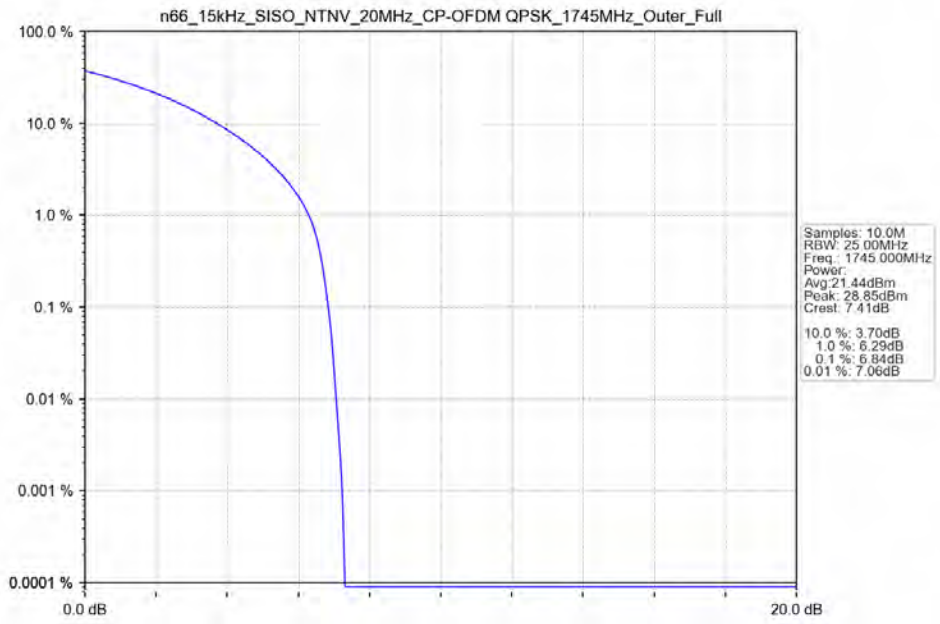

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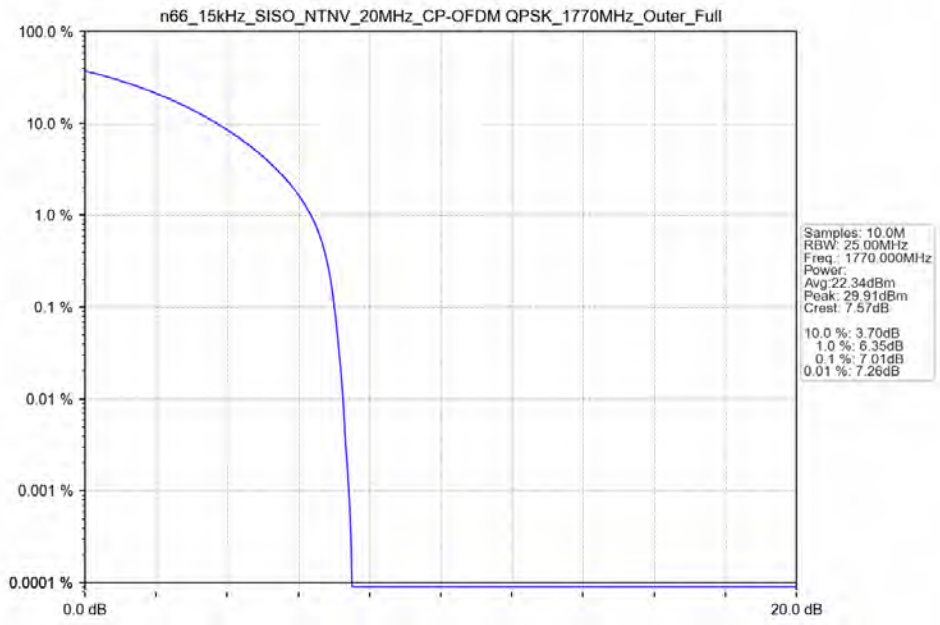

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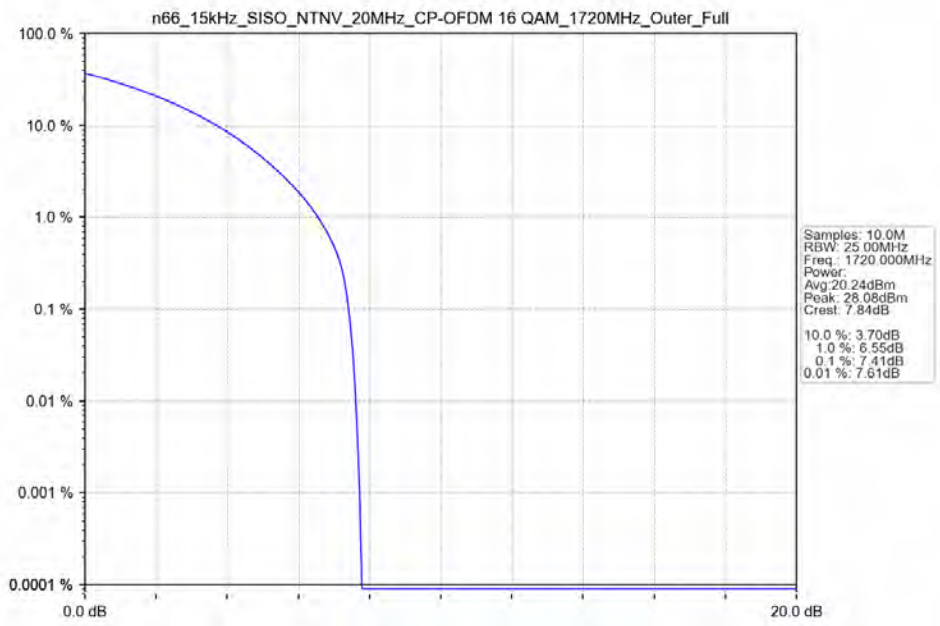

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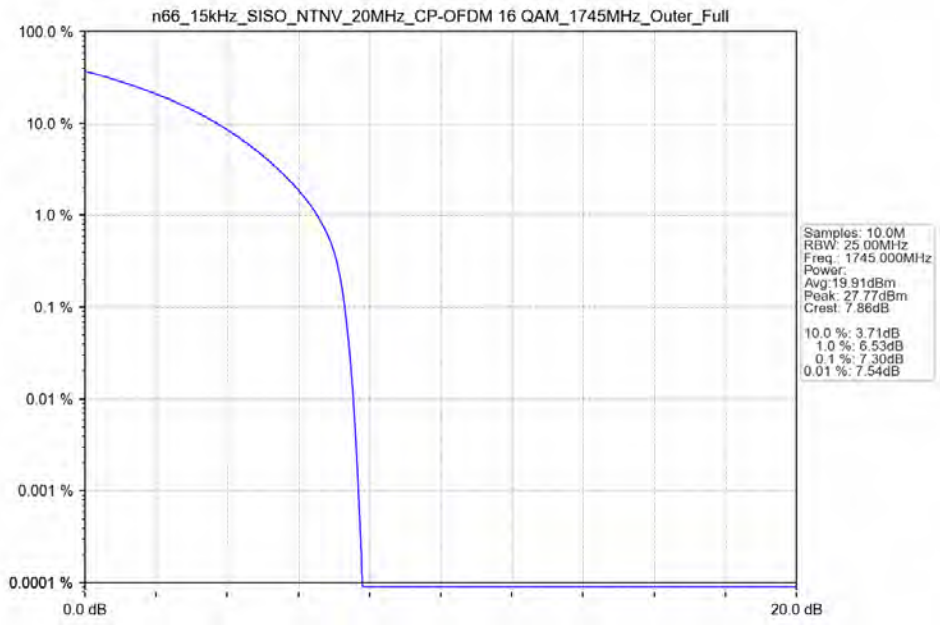

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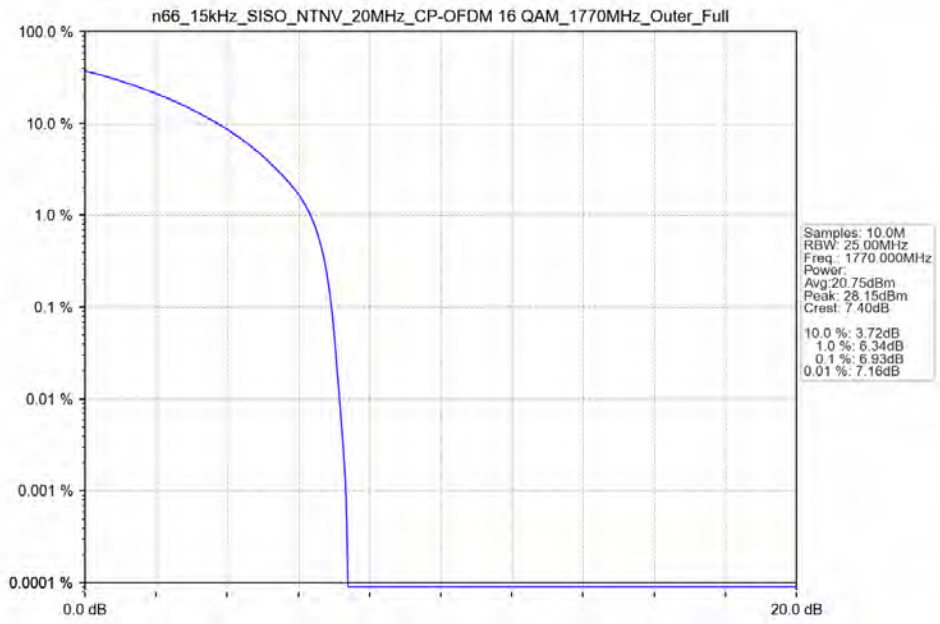
Shenzhen Branch

n66_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1770MHz_Outer_Full



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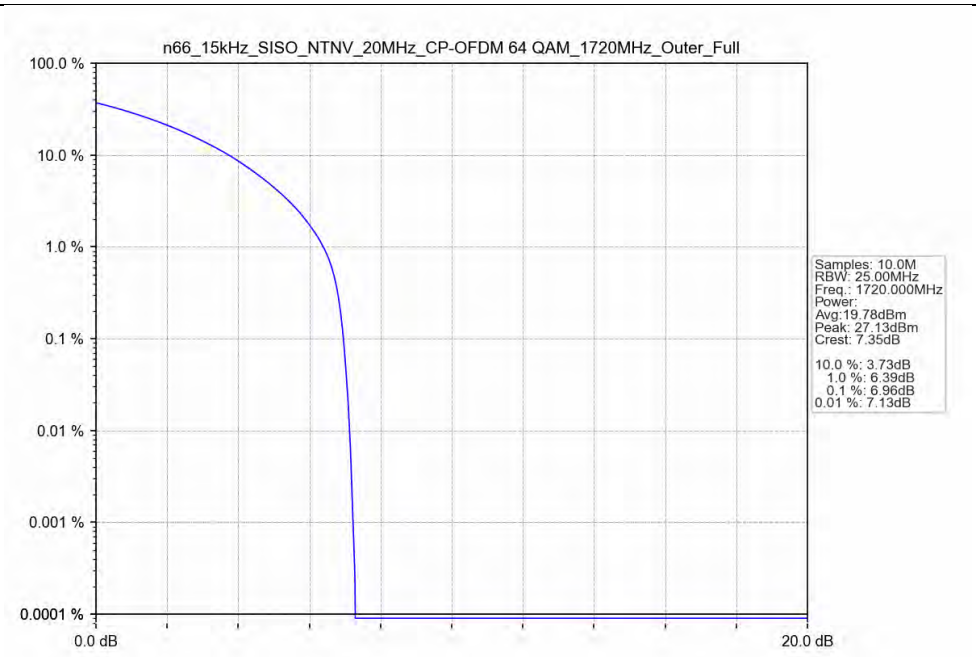

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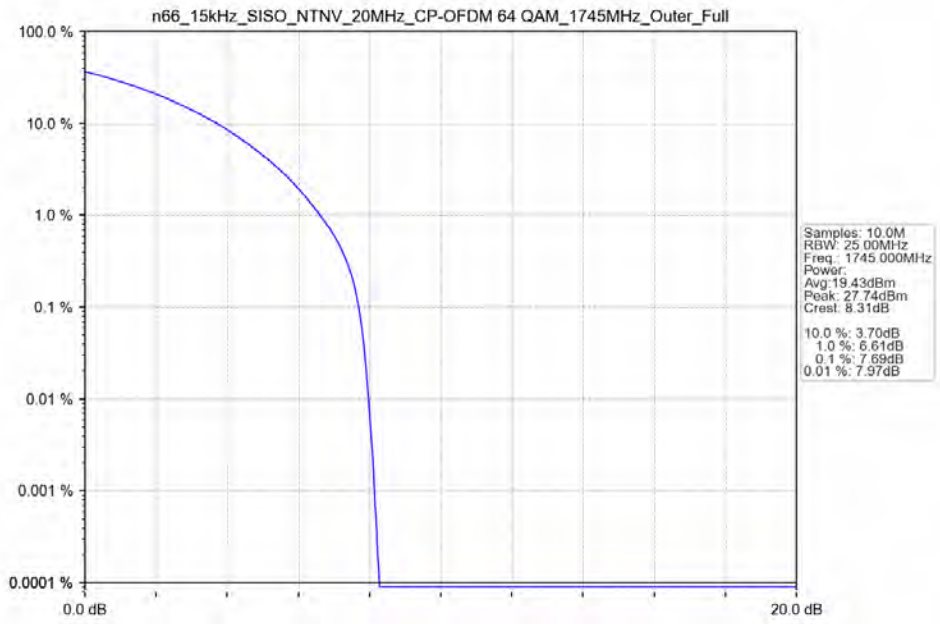

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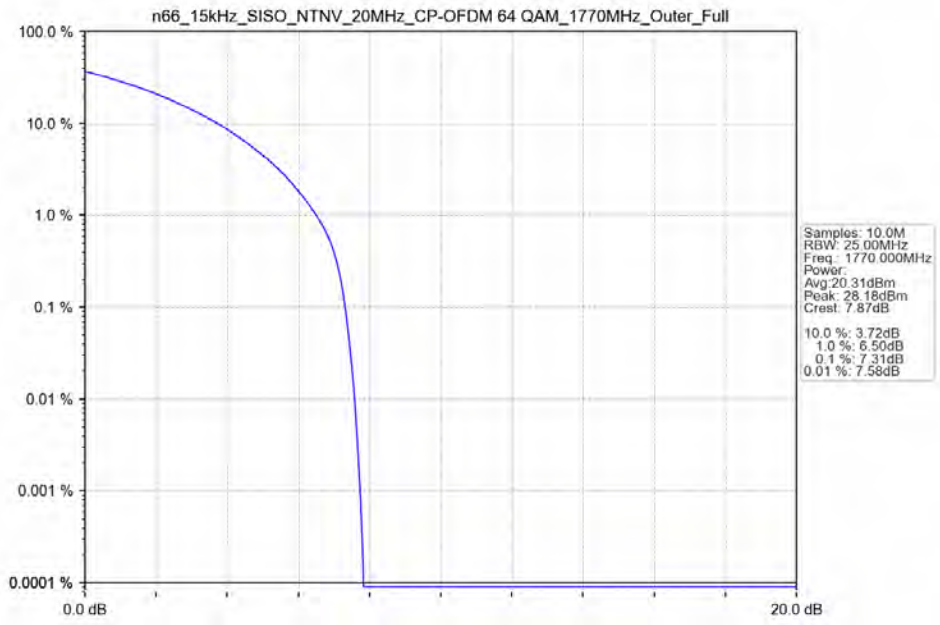

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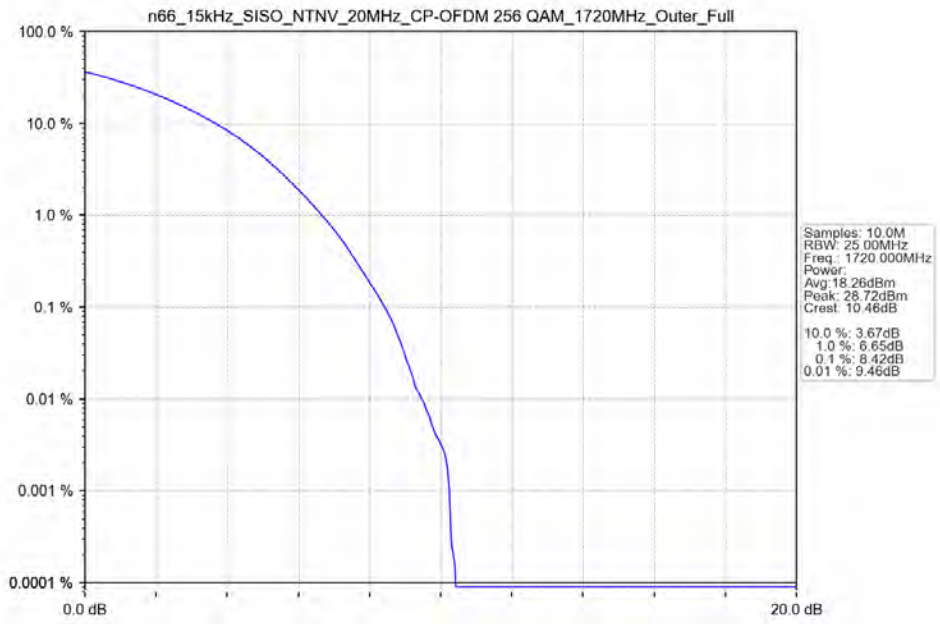

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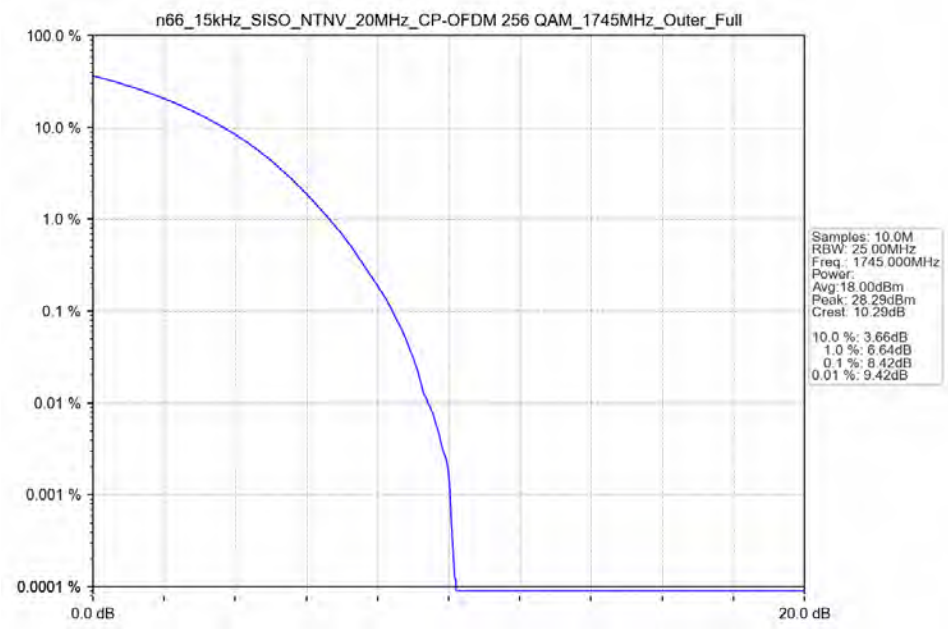

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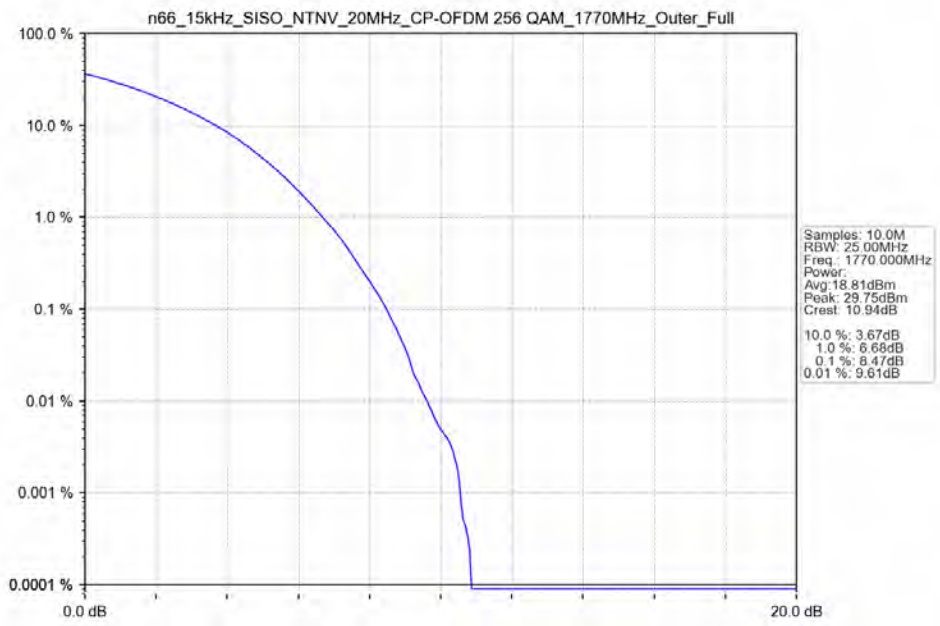

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5. Spurious Emission & Band Edges

5.1 15k_SISO_5MHz_NTNV

5.1.1 Test Result

5G NR n66 SCS=15kHz SISO 5MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1712.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	1745	Edge_1RB_Left	Refer To Test Graph				Pass
	1777.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	1712.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	1745	Edge_1RB_Left	Refer To Test Graph				Pass
	1777.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
CP-OFDM QPSK	1712.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	1745	Edge_1RB_Left	Refer To Test Graph				Pass
	1777.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass

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5.1.2 Test Graph

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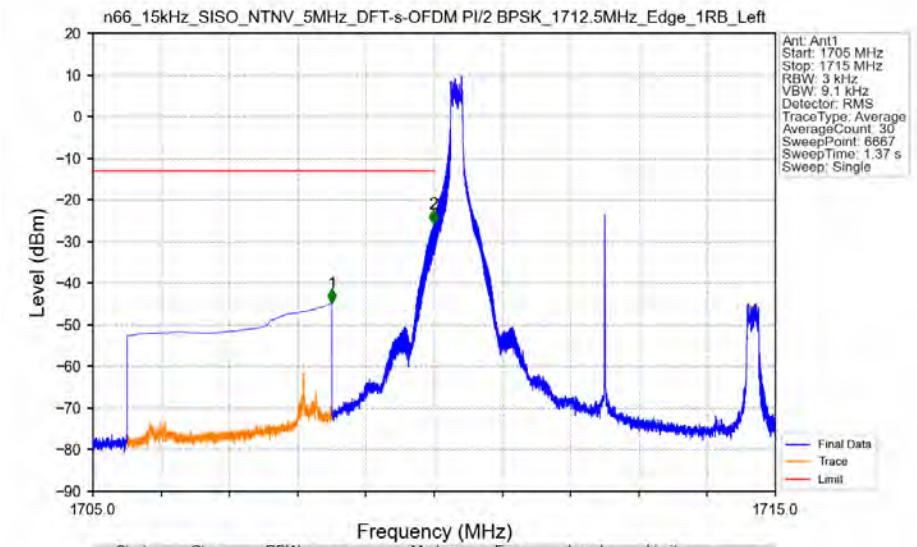

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-44.80	-13	Pass
1709	1710	0.003	/	2	1709.994	-25.86	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

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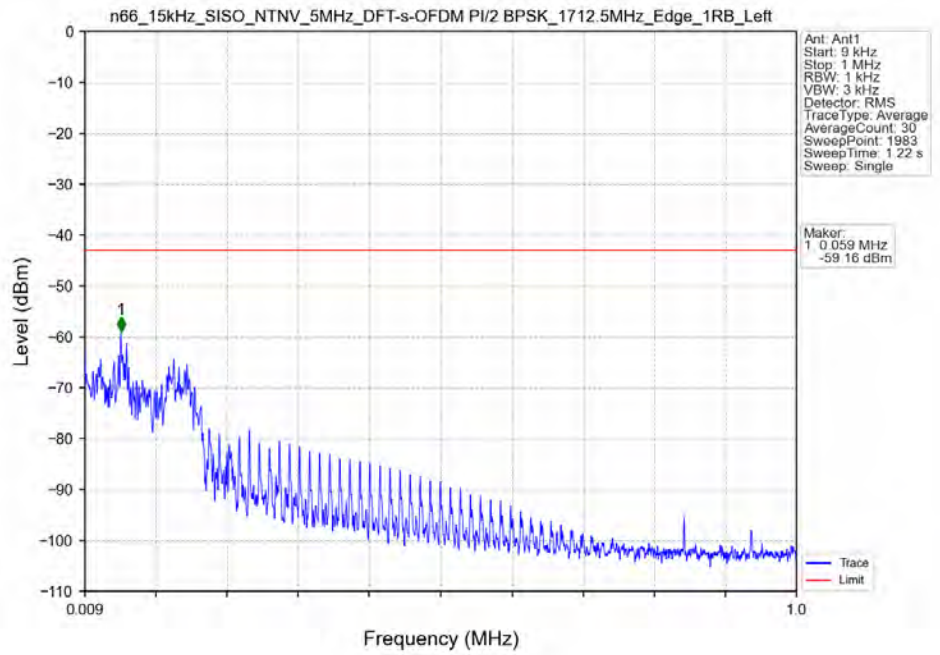

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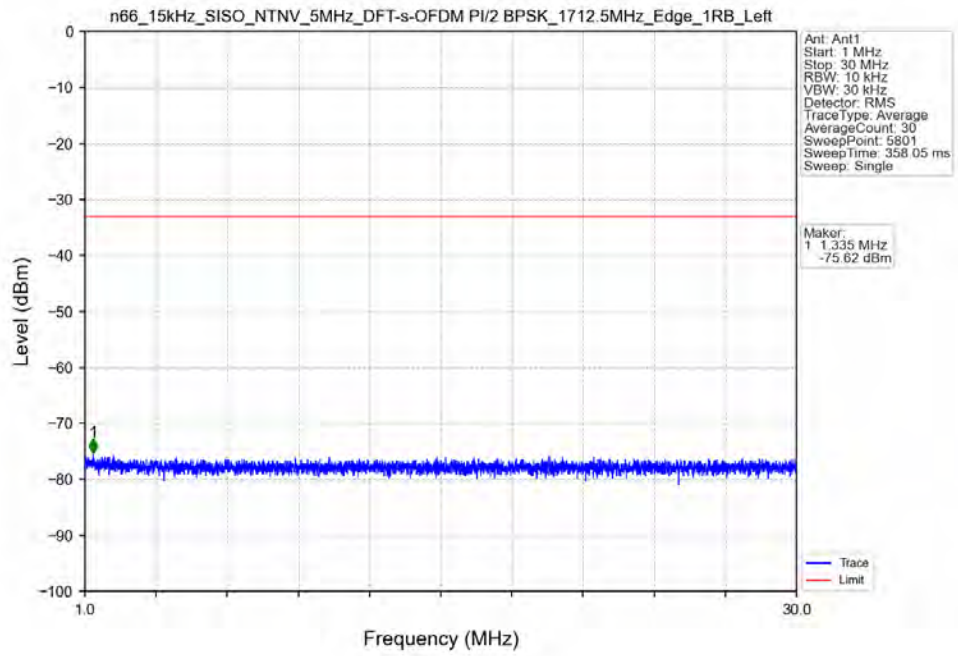

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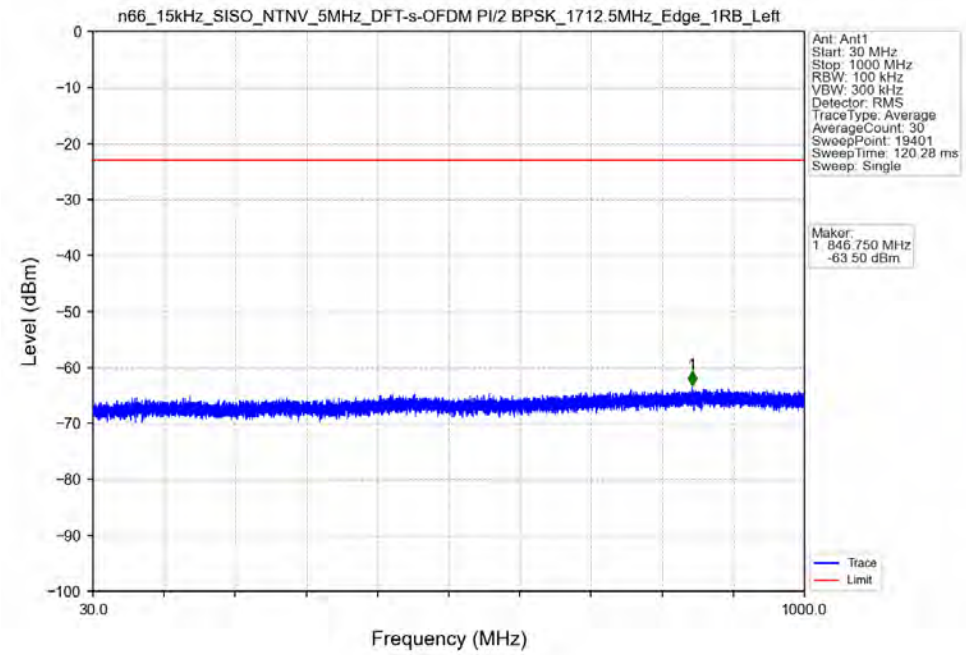

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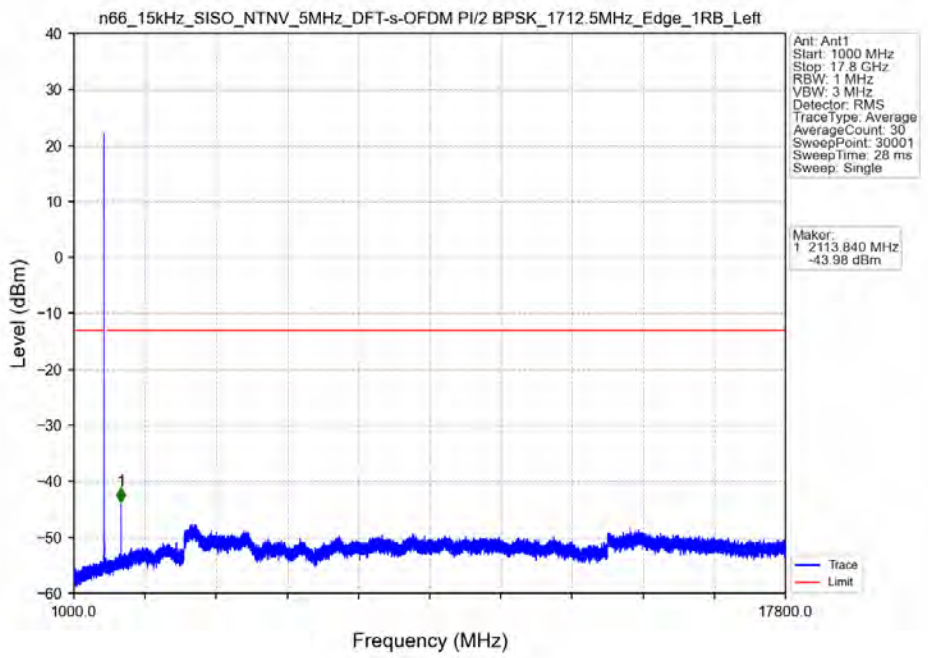

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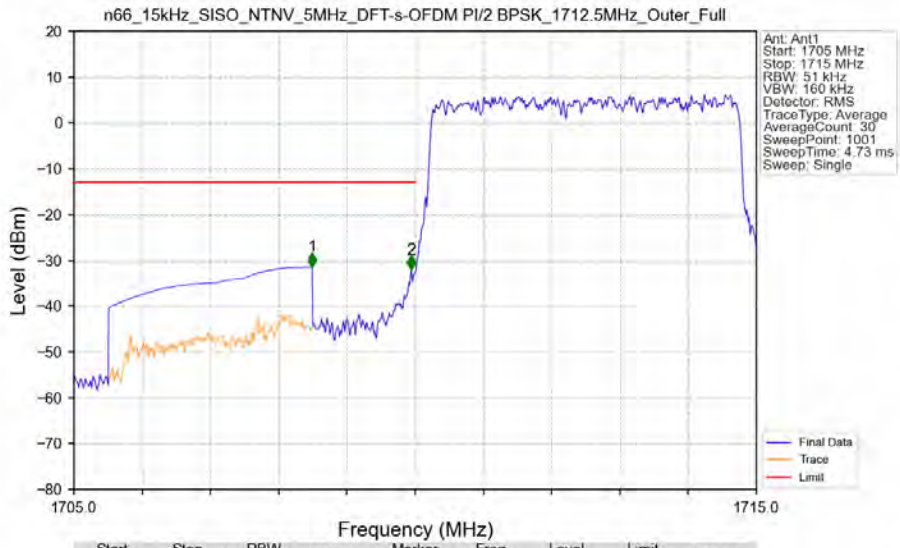

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-31.44	-13	Pass
1709	1710	0.051	/	2	1709.940	-32.06	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

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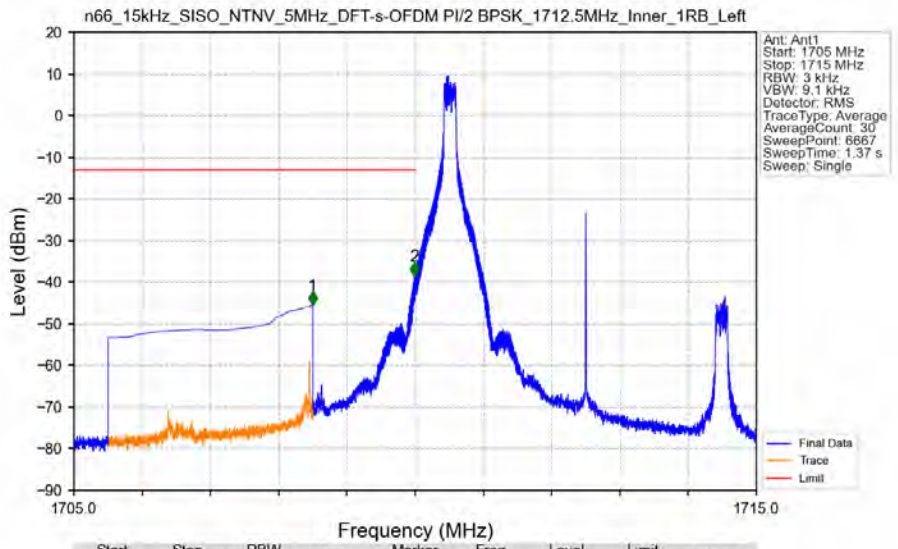

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.498	-45.58	-13	Pass
1709	1710	0.003	/	2	1709.991	-38.55	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1745MHz_Edge_1RB_Left

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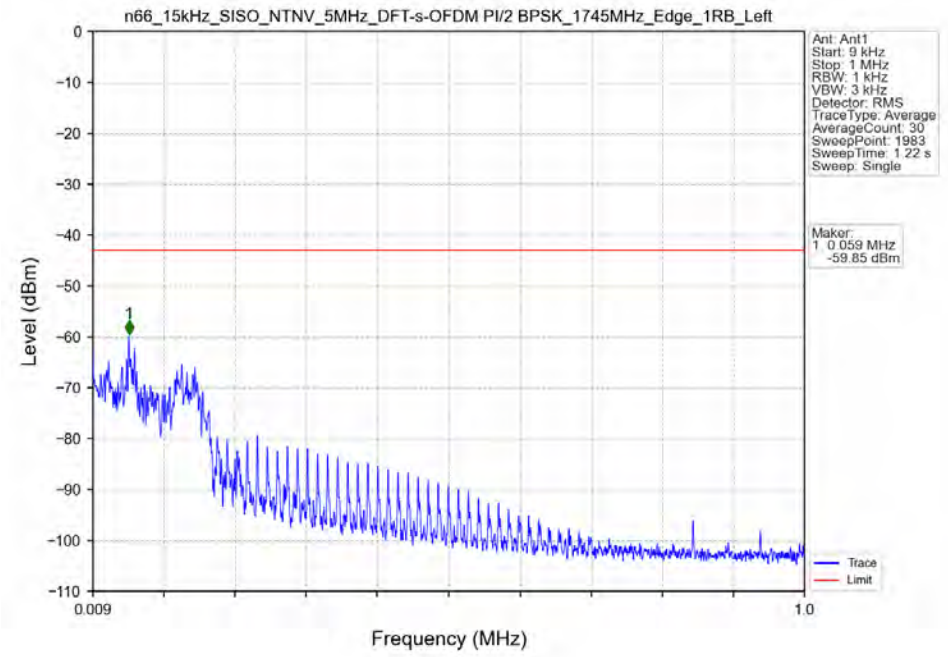

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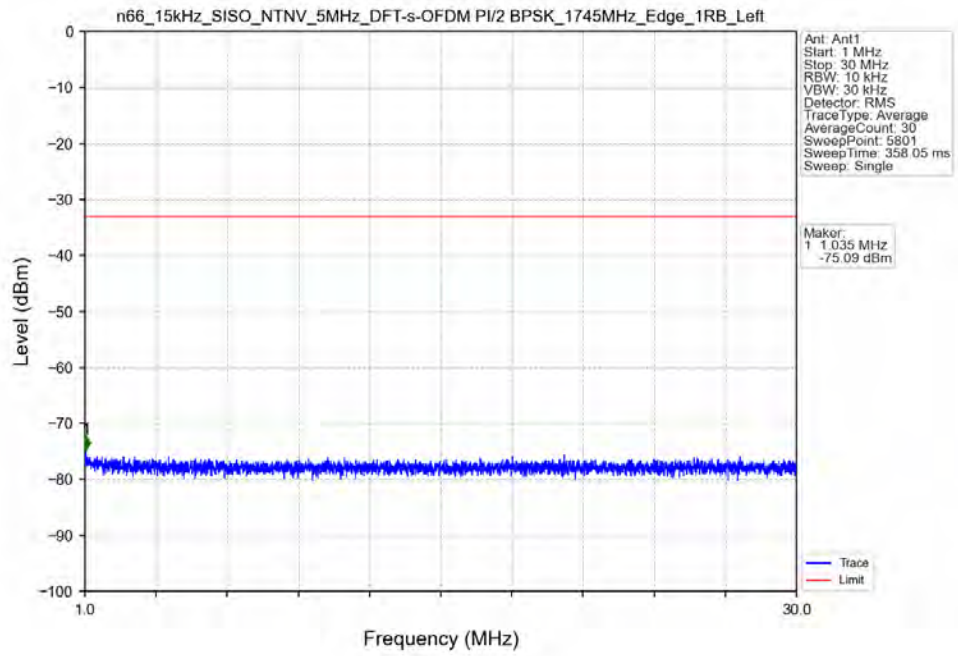

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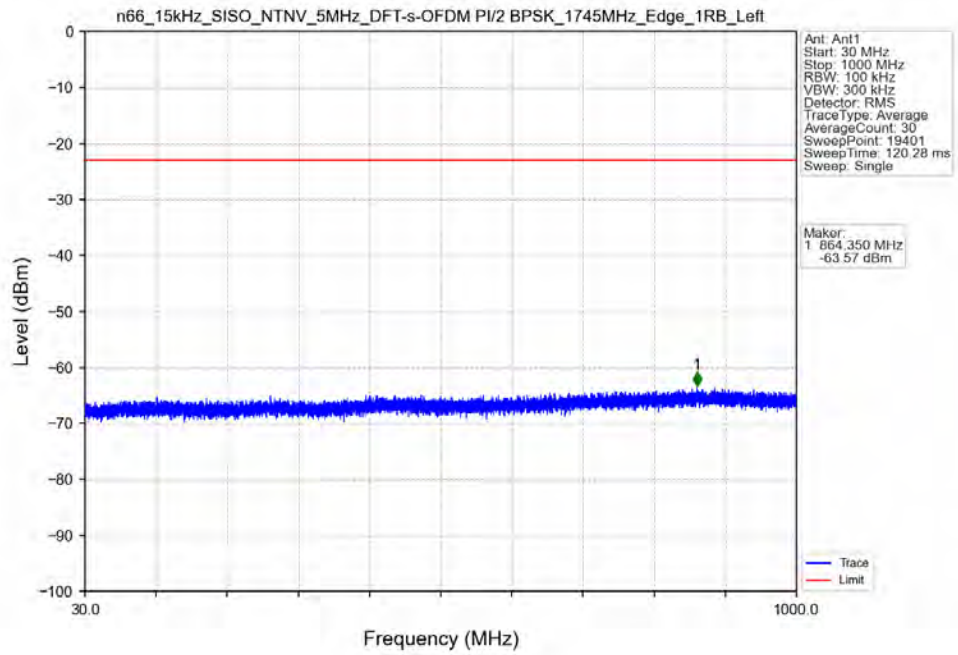

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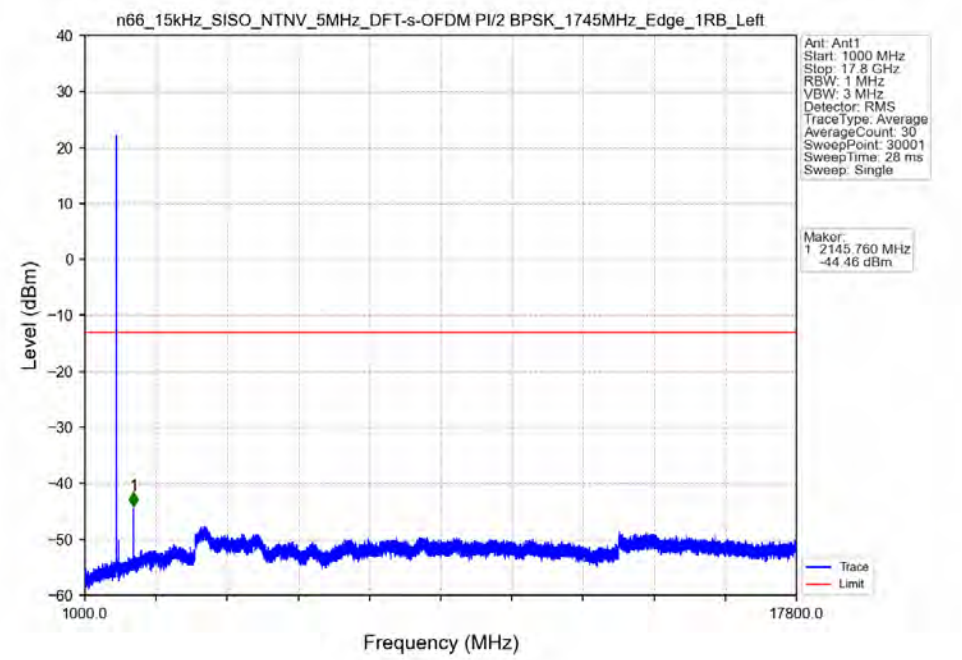

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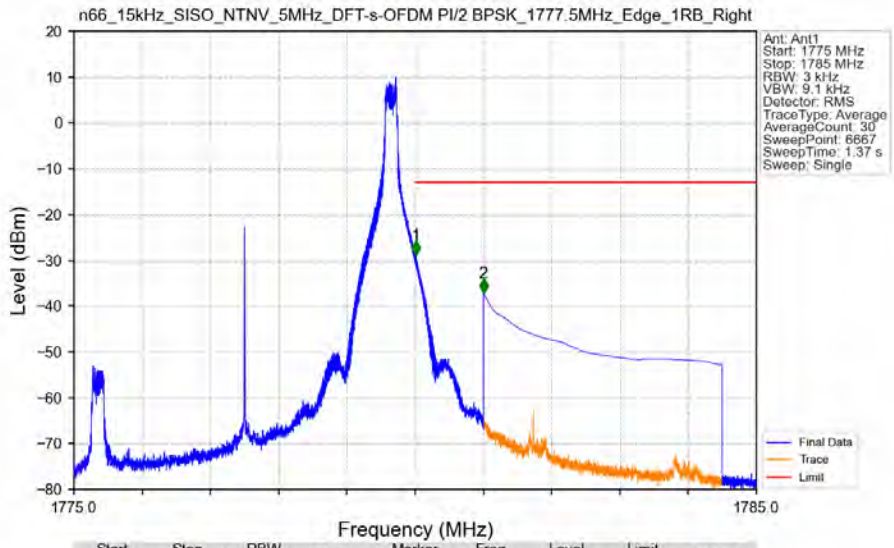

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.012	-28.86	-13	Pass
1781	1785	1	CHP	2	1781.001	-37.14	-13	Pass

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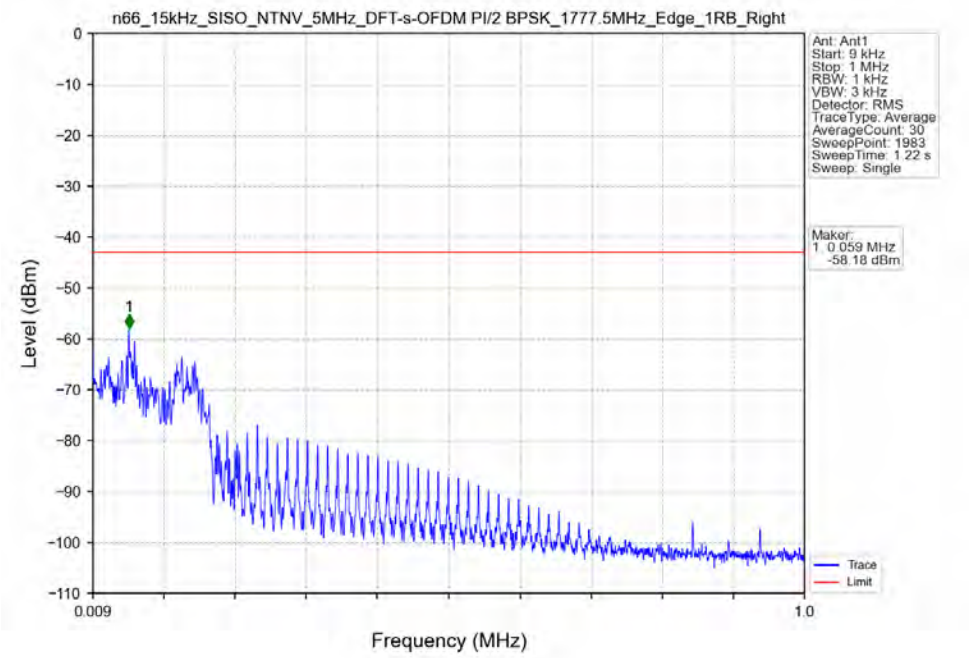

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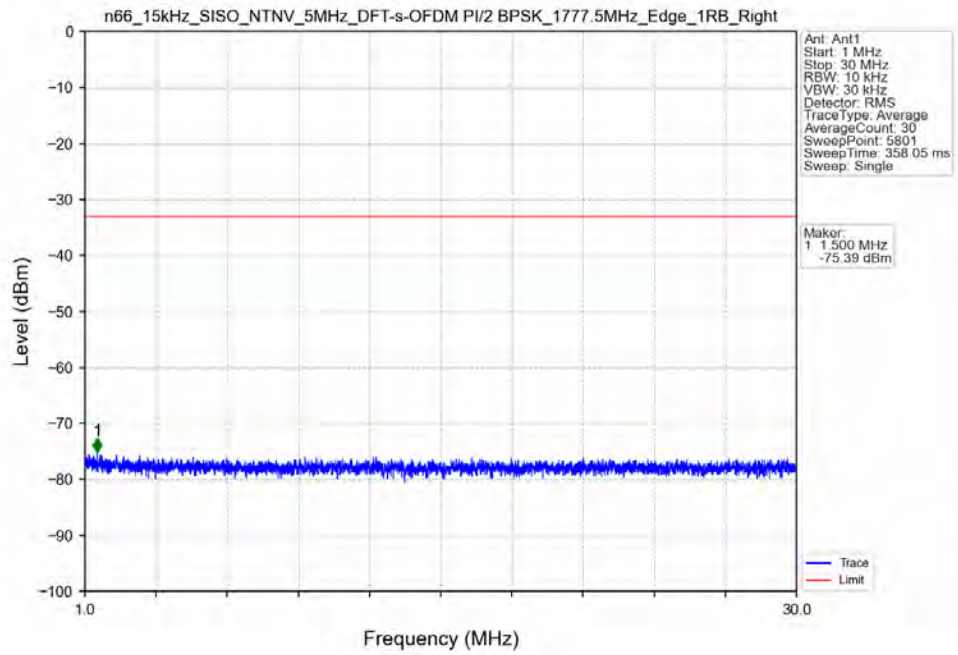

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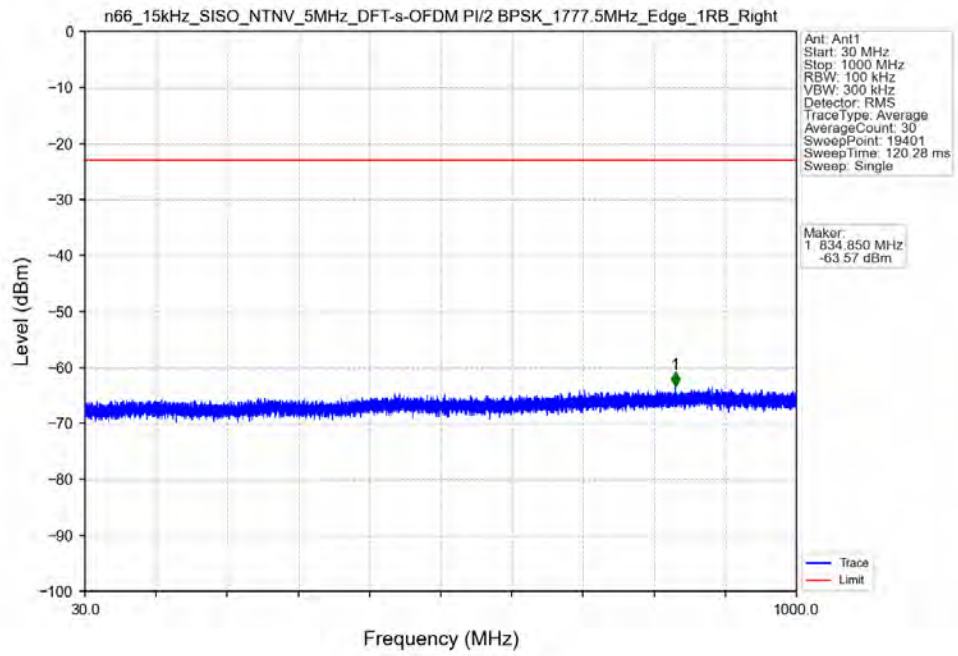

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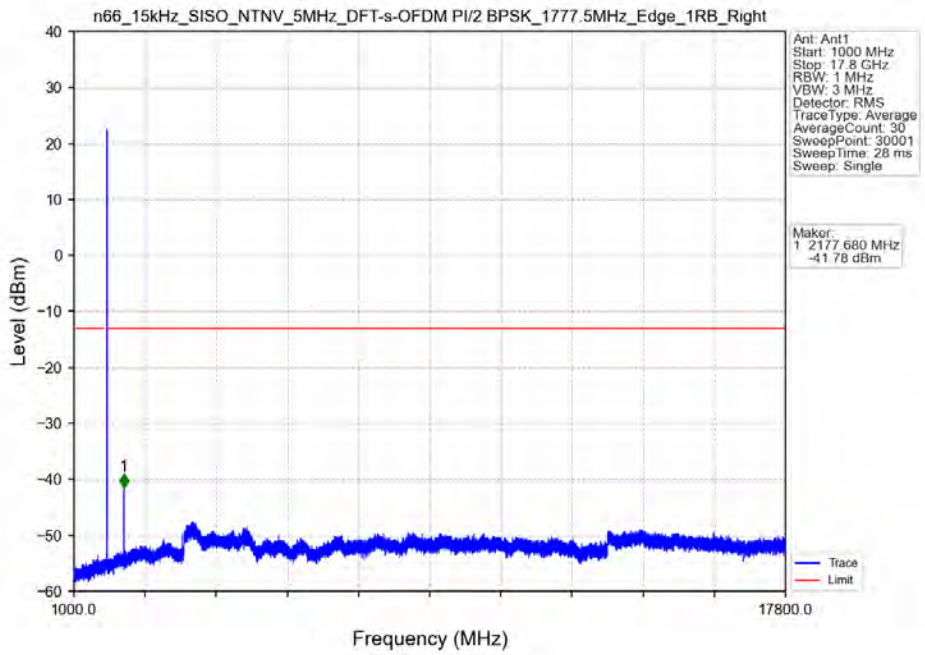

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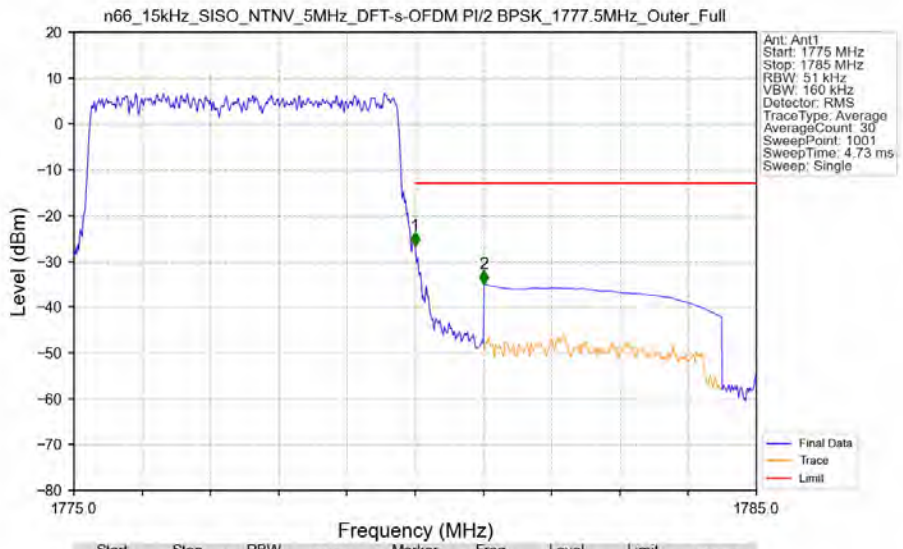

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.051	/	/	/	/	/	/
1780	1781	0.051	/	1	1780.000	-26.64	-13	Pass
1781	1785	1	CHP	2	1781.010	-34.96	-13	Pass

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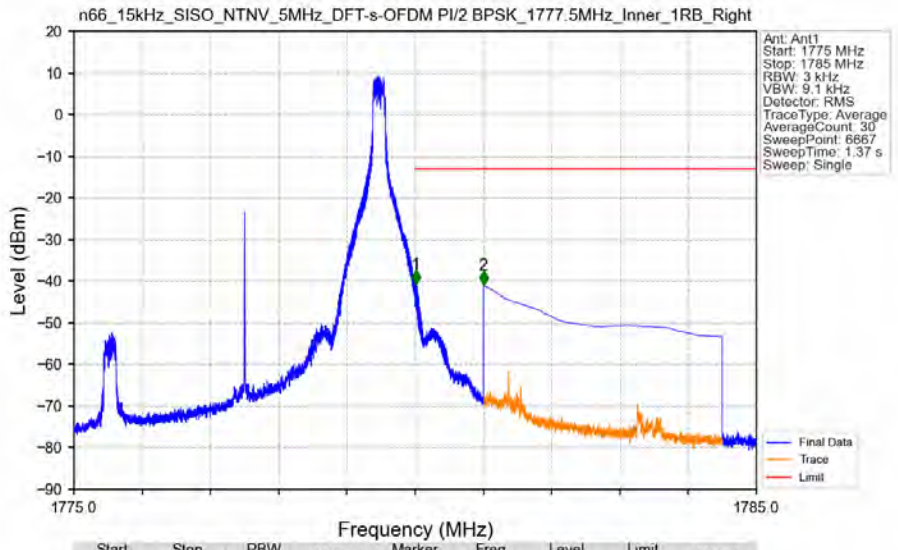

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.011	-40.81	-13	Pass
1781	1785	1	CHP	2	1781.001	-41.00	-13	Pass

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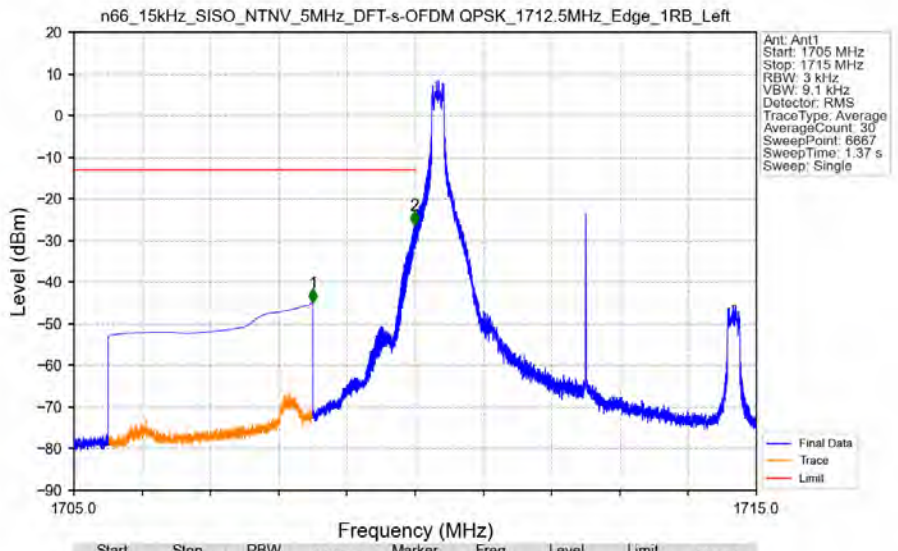
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1712.5MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-44.94	-13	Pass
1709	1710	0.003	/	2	1709.991	-26.39	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1712.5MHz_Edge_1RB_Left

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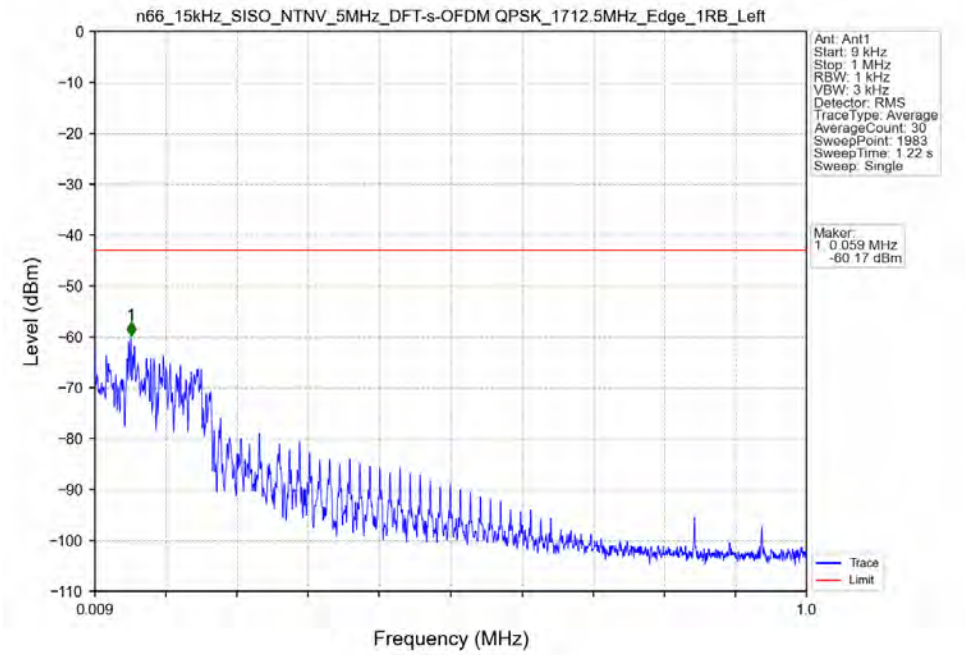

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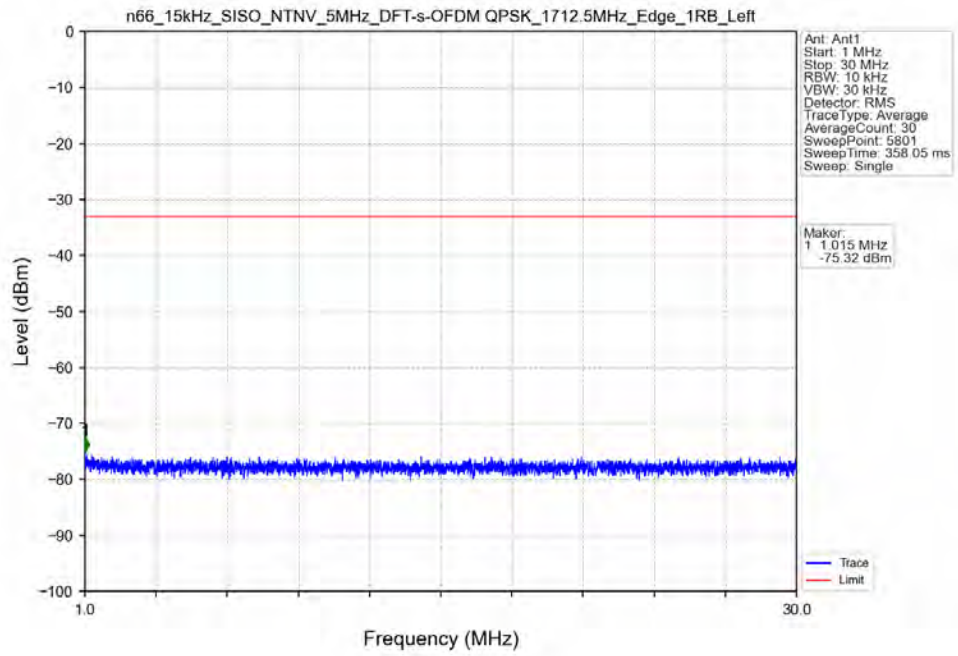
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1712.5MHz_Edge_1RB_Left



n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1712.5MHz_Edge_1RB_Left

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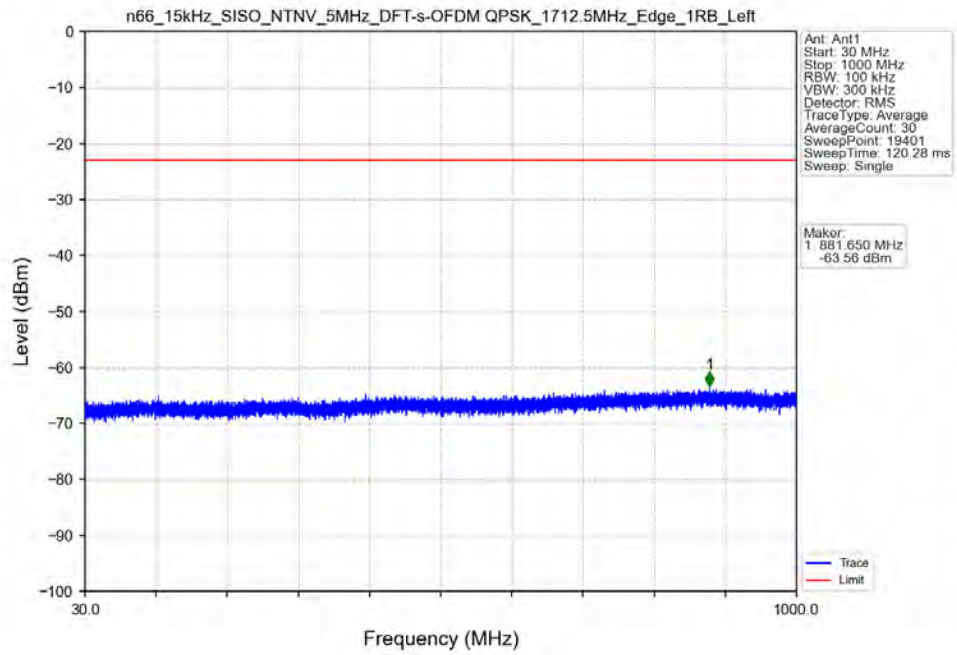

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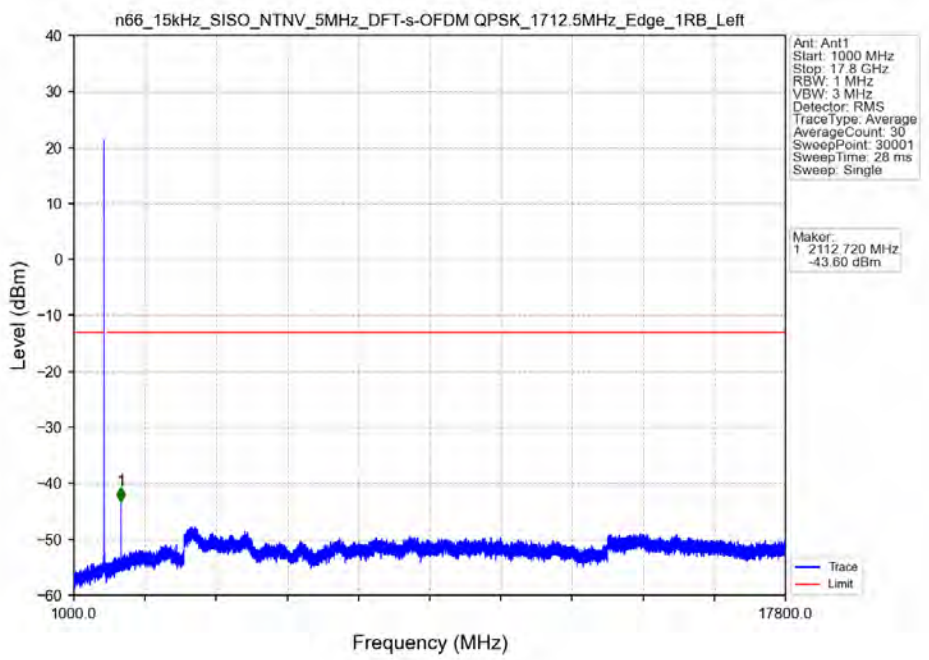

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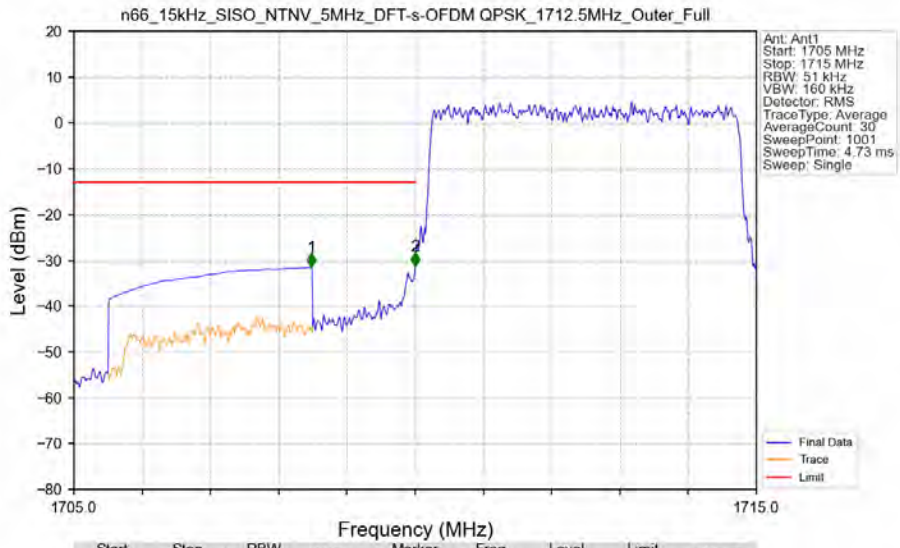

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.480	-31.54	-13	Pass
1709	1710	0.051	/	2	1710.000	-31.40	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

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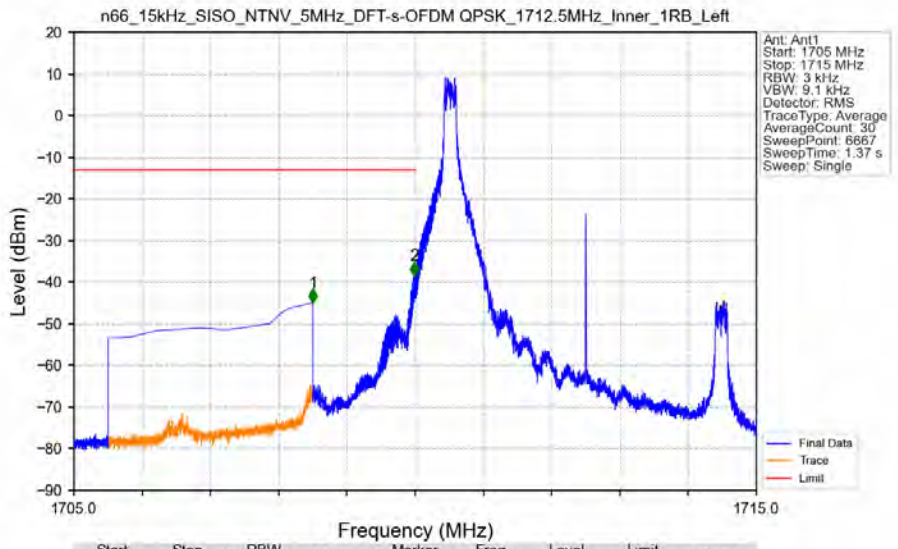

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-44.95	-13	Pass
1709	1710	0.003	/	2	1709.991	-38.52	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

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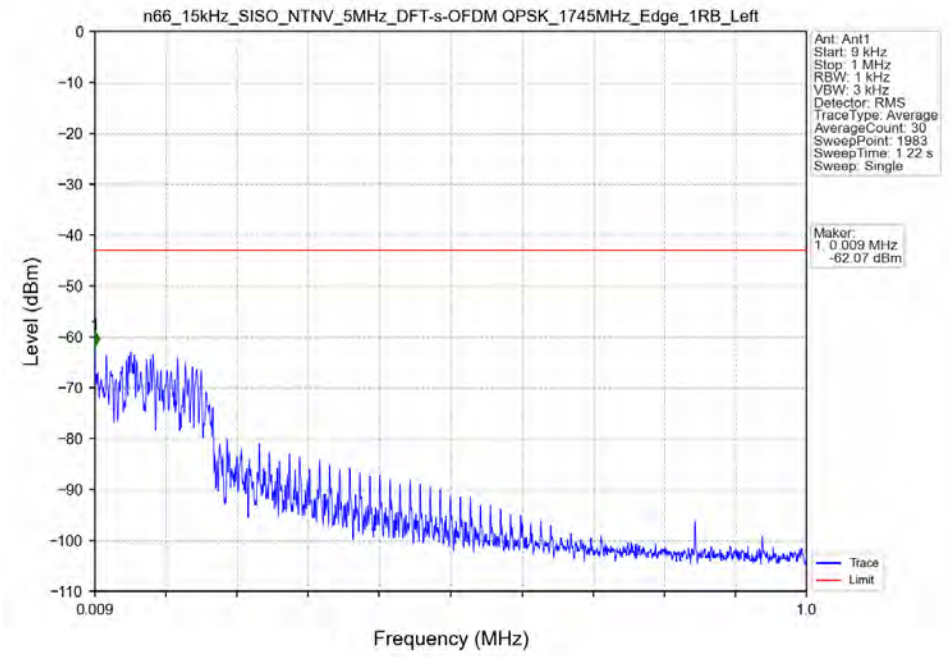

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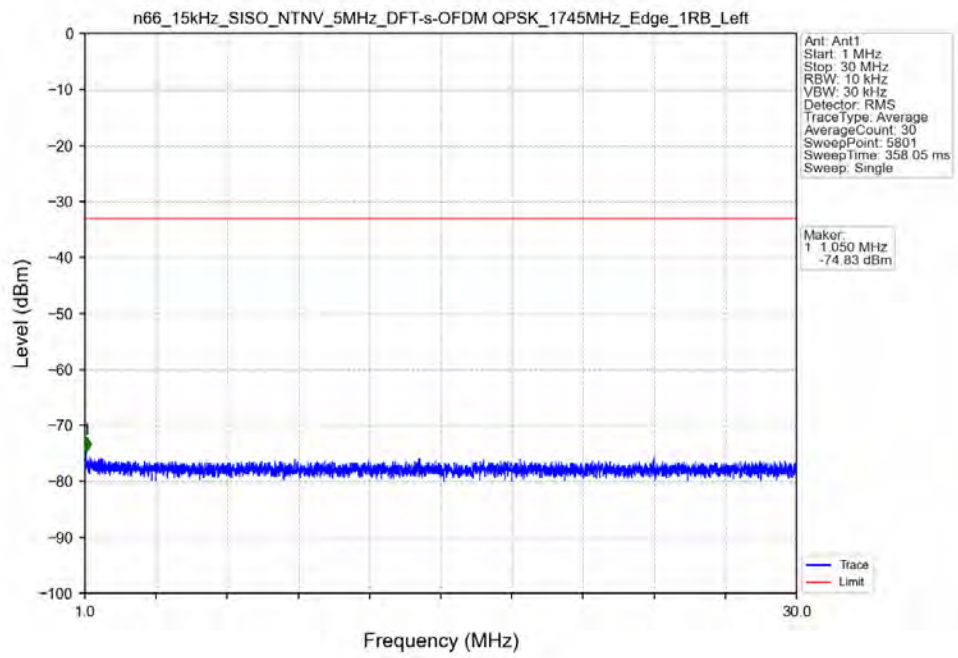

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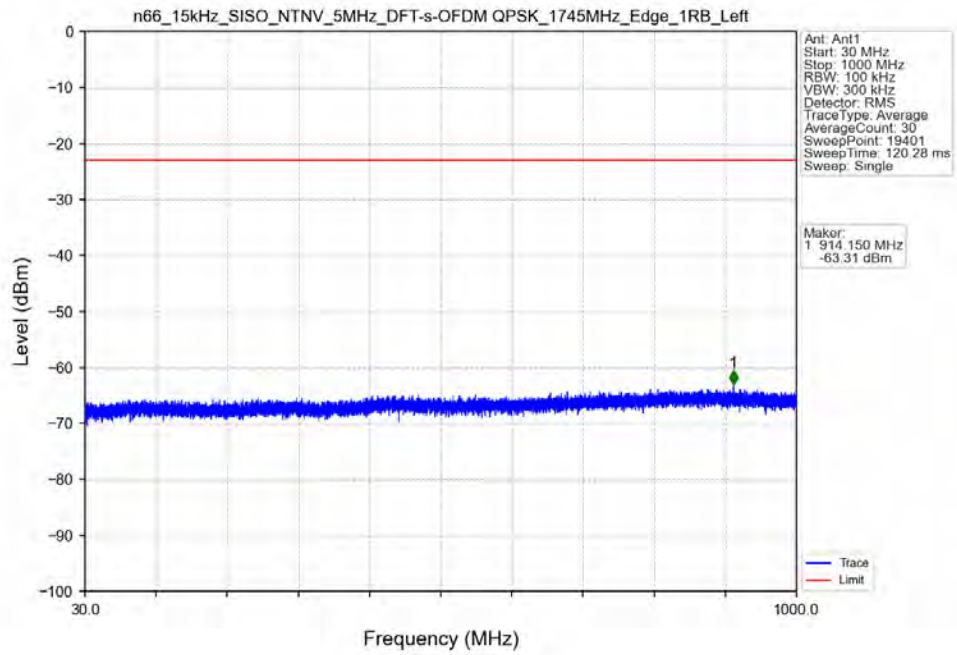

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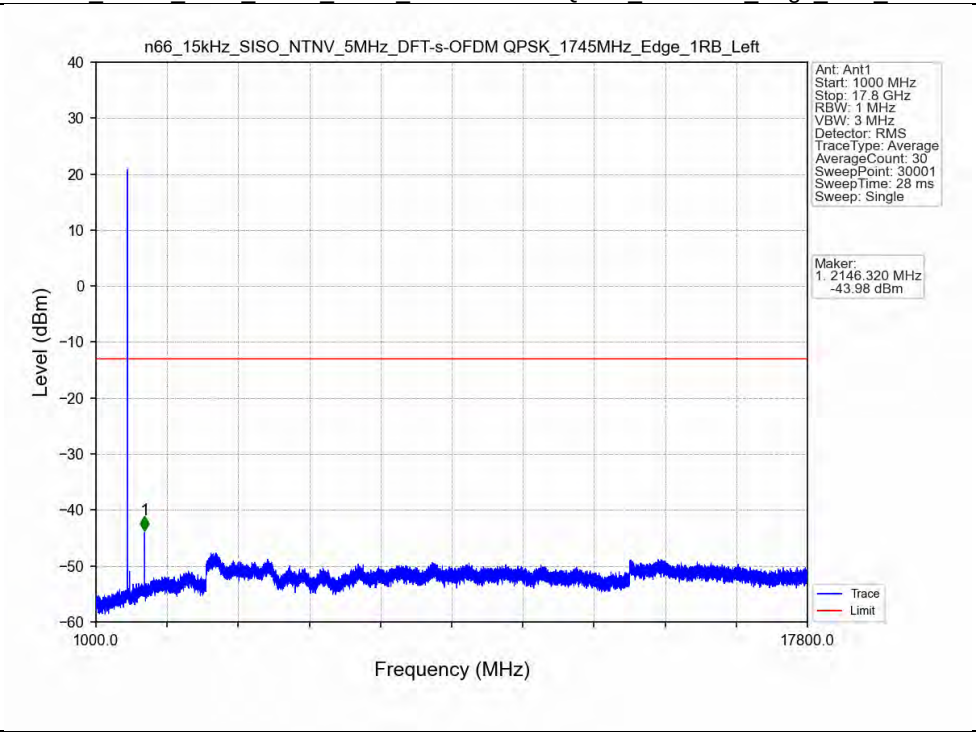

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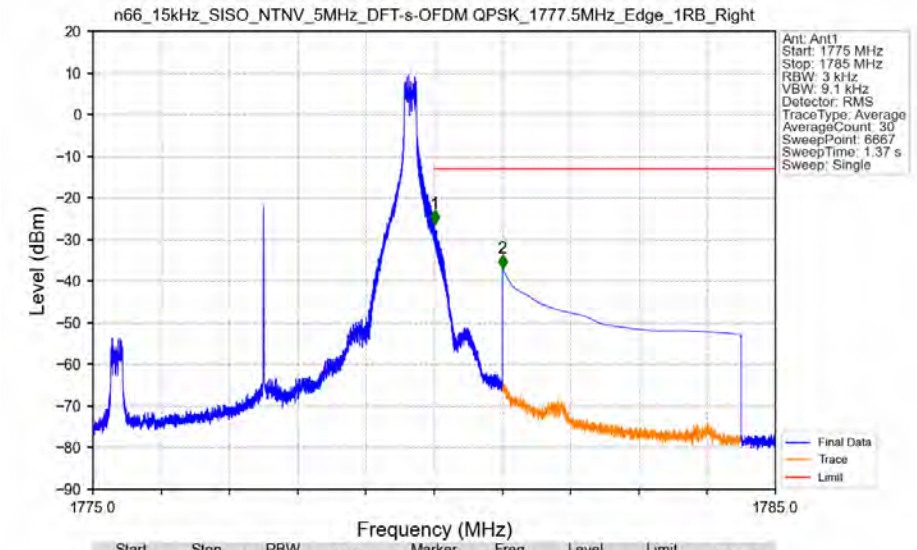

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.006	-26.30	-13	Pass
1781	1785	1	CHP	2	1781.001	-36.97	-13	Pass

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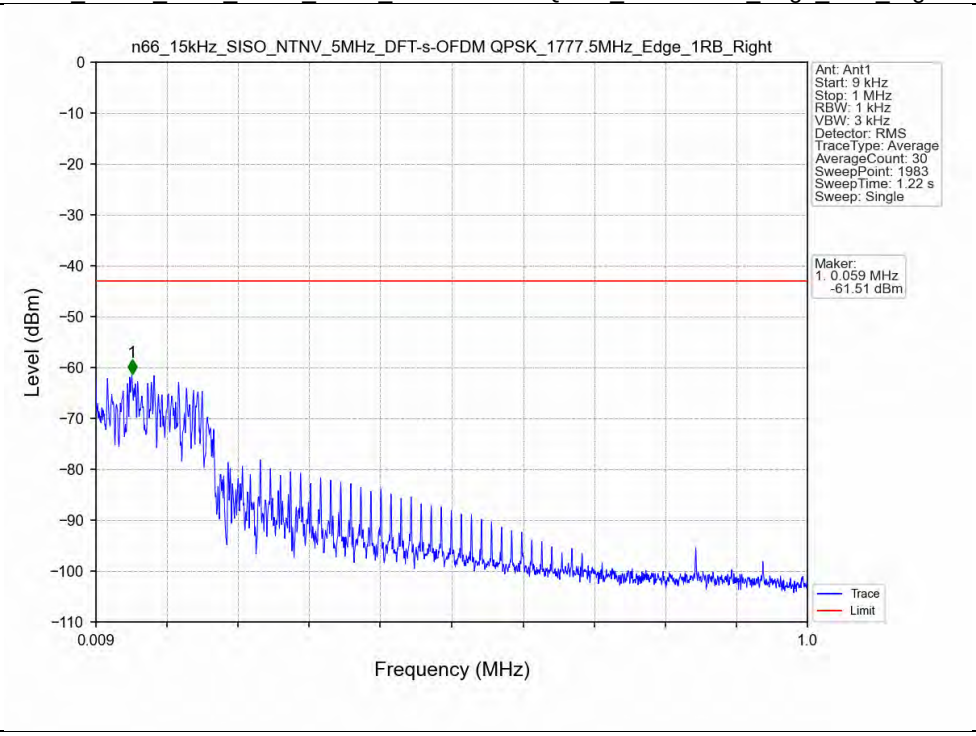
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1777.5MHz_Edge_1RB_Right



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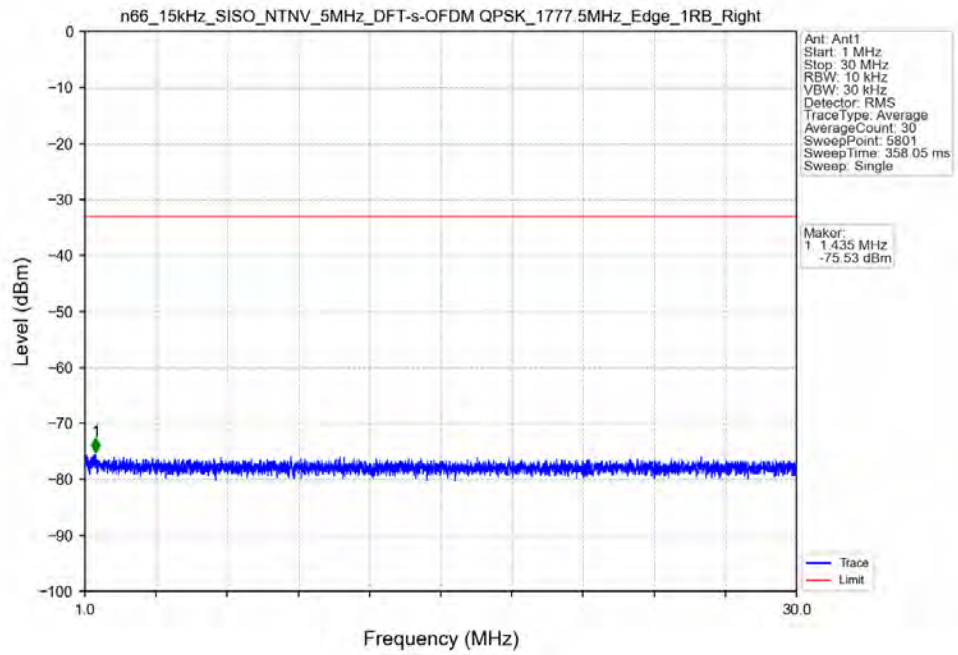

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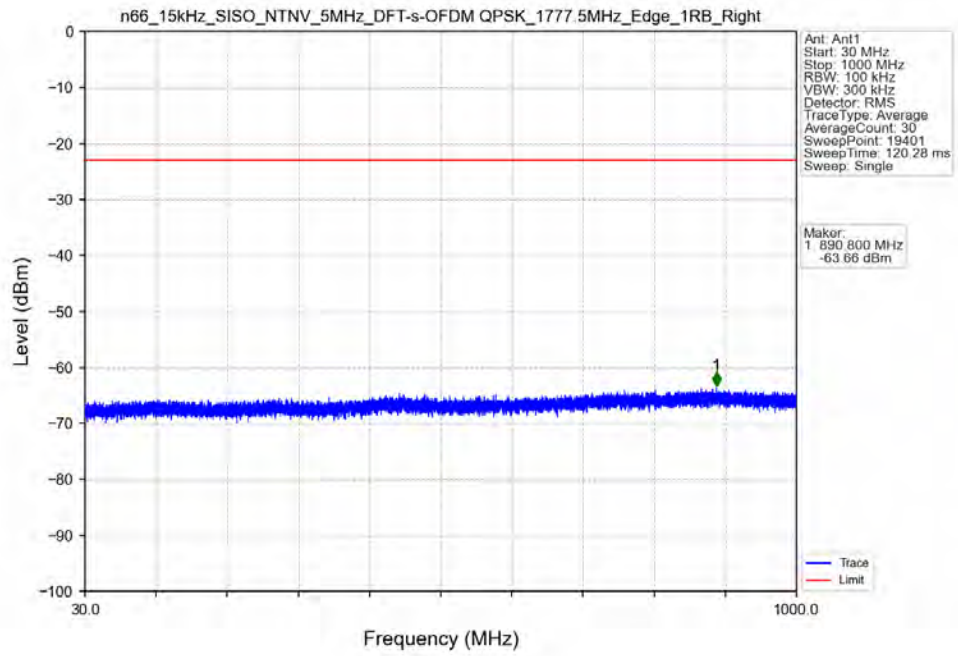

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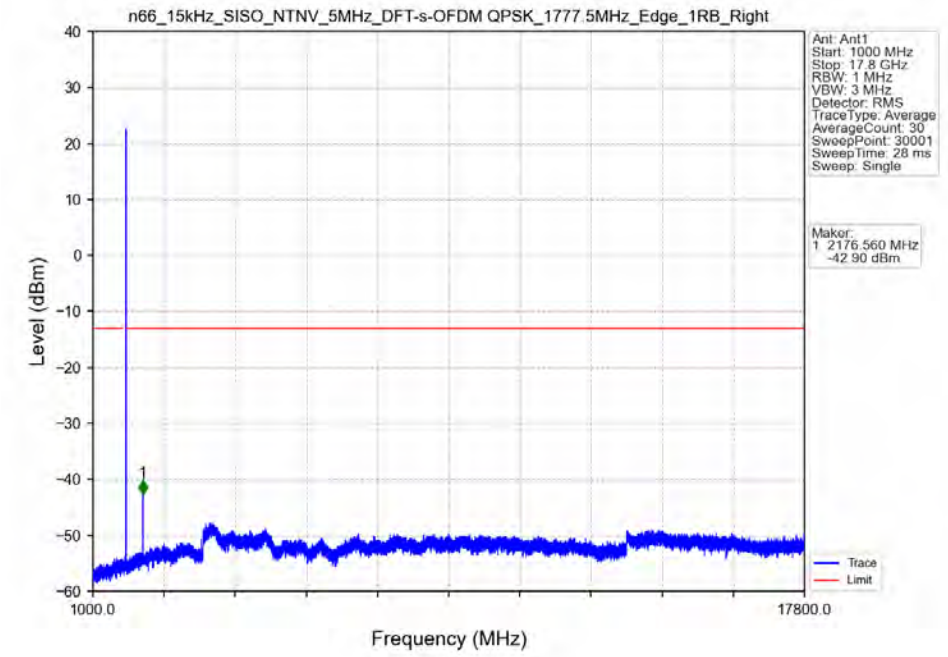

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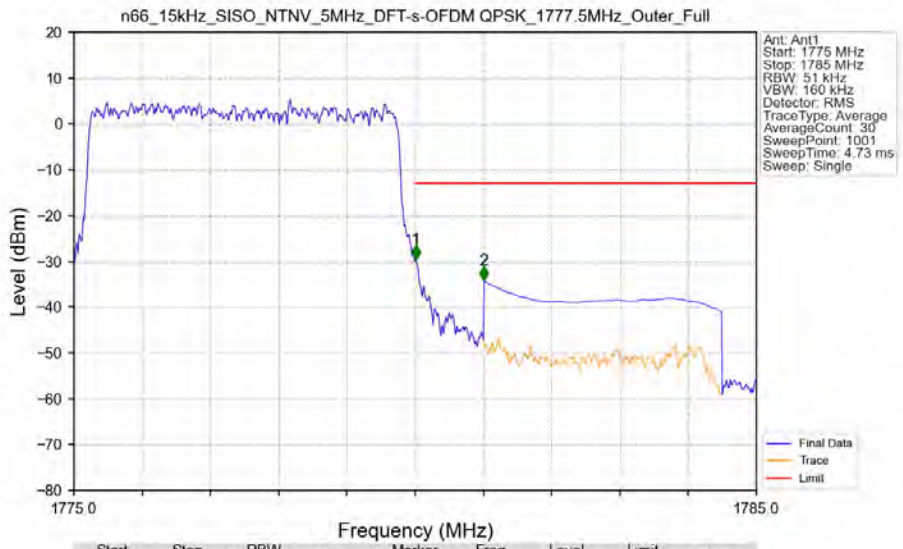
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1777.5MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.051	/	/	/	/	/	/
1780	1781	0.051	/	1	1780.010	-29.58	-13	Pass
1781	1785	1	CHP	2	1781.010	-34.21	-13	Pass

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1777.5MHz_Inner_1RB_Right

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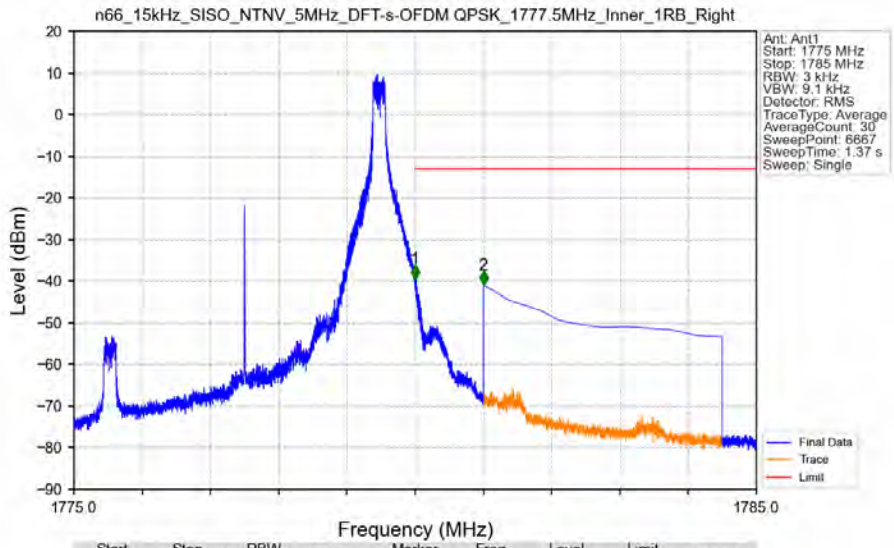

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.000	-39.49	-13	Pass
1781	1785	1	CHP	2	1781.001	-40.88	-13	Pass

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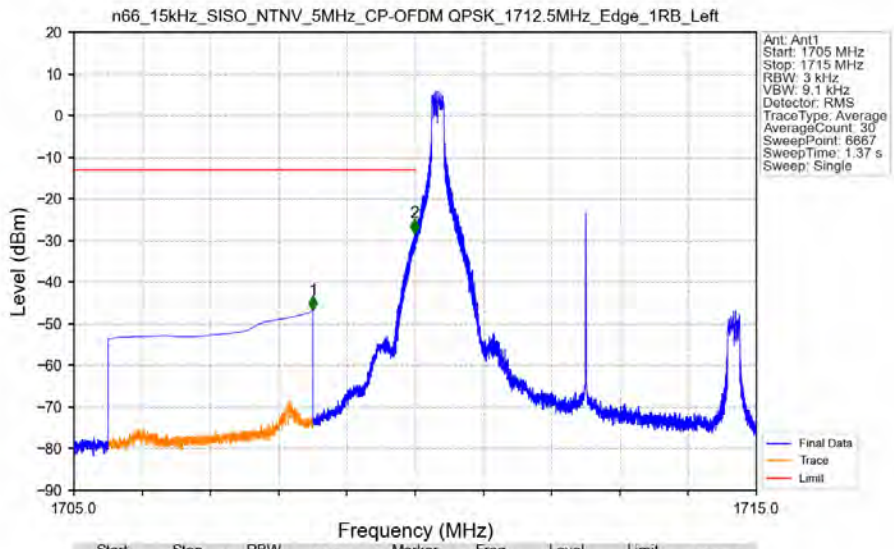

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-46.82	-13	Pass
1709	1710	0.003	/	2	1709.992	-28.22	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

n66_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1712.5MHz_Edge_1RB_Left

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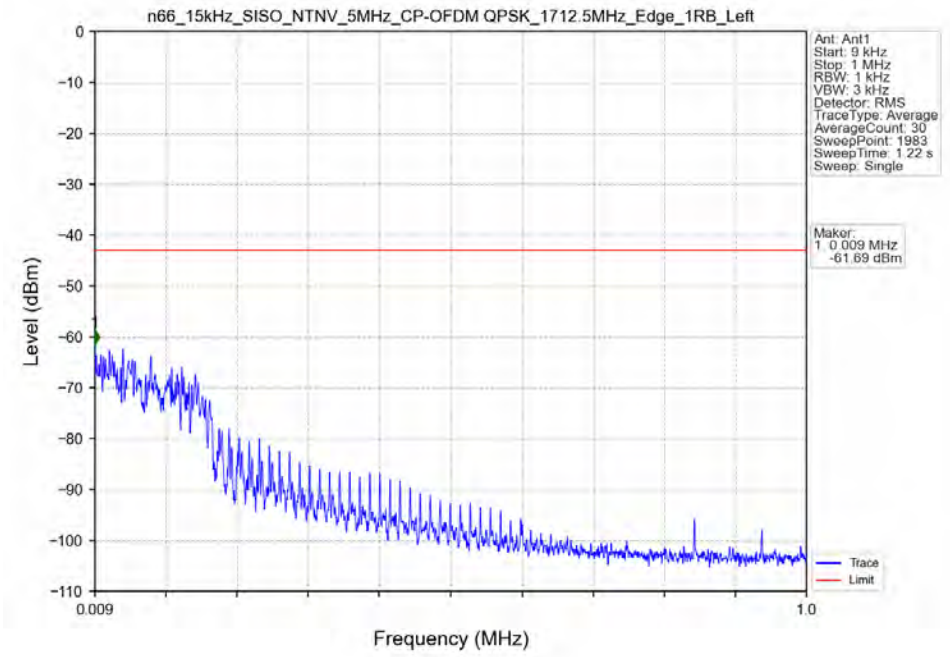

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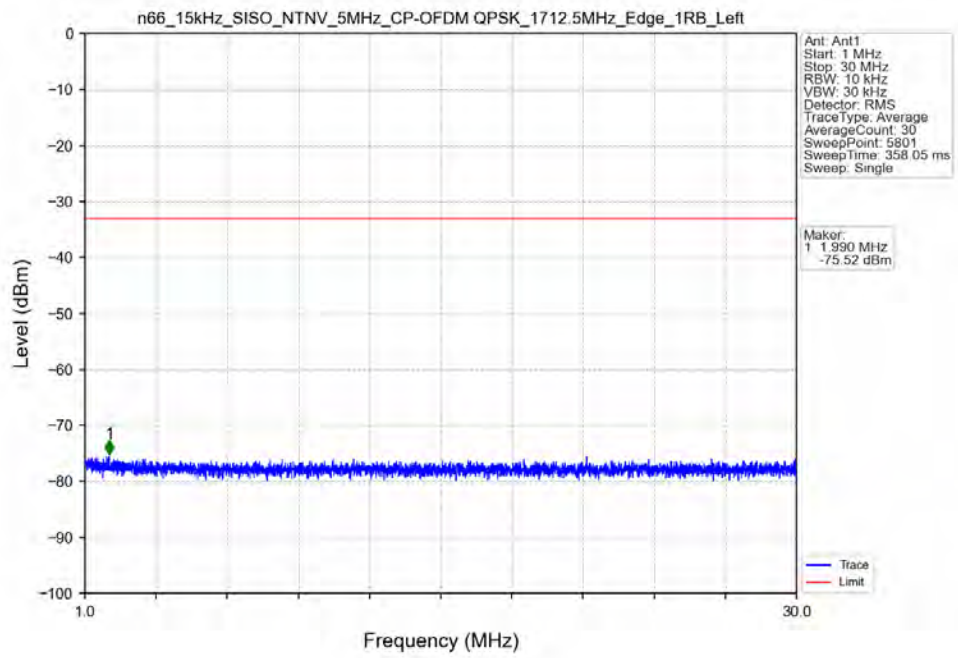

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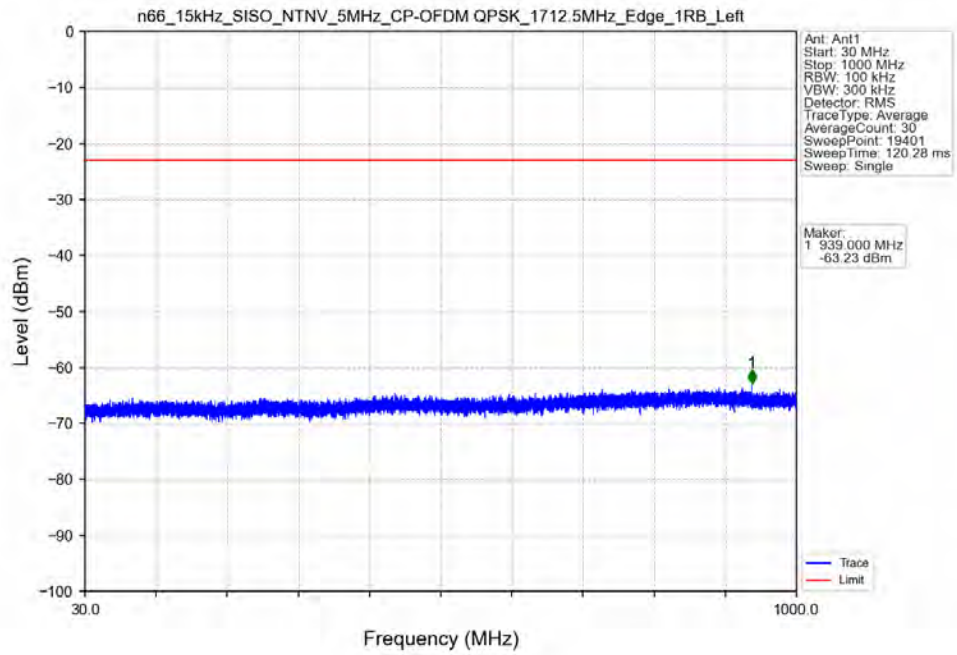

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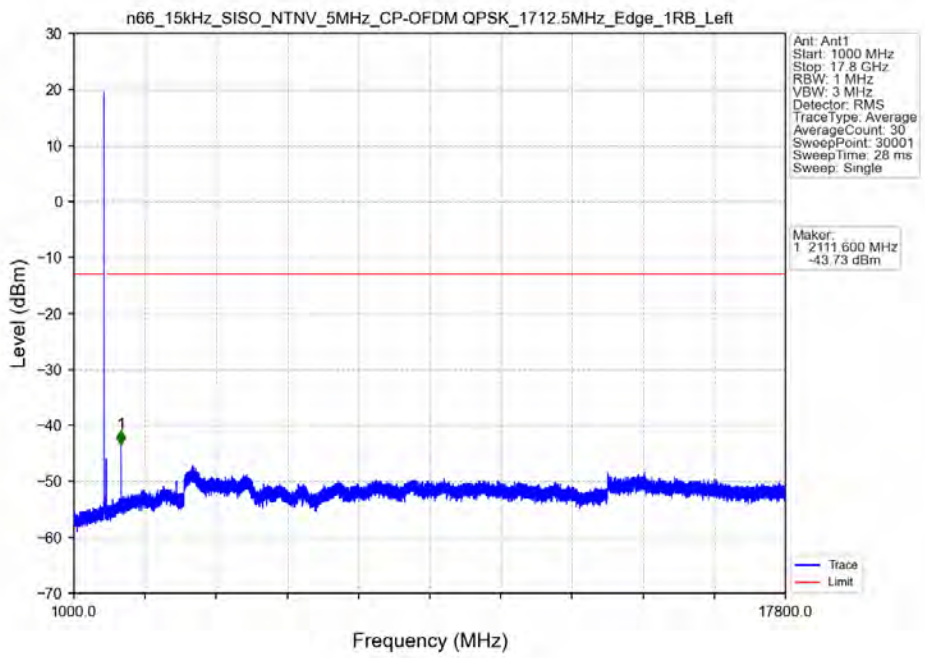

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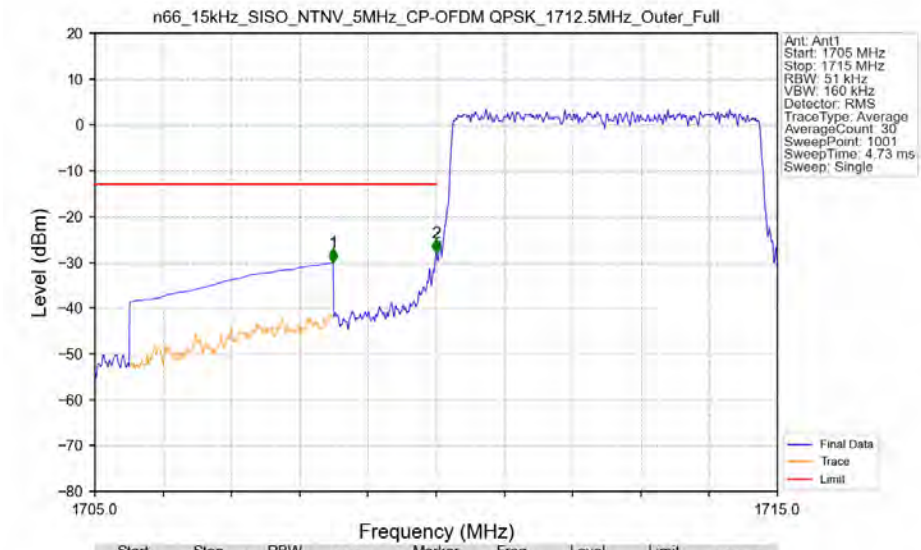

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-30.04	-13	Pass
1709	1710	0.051	/	2	1710.000	-27.97	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

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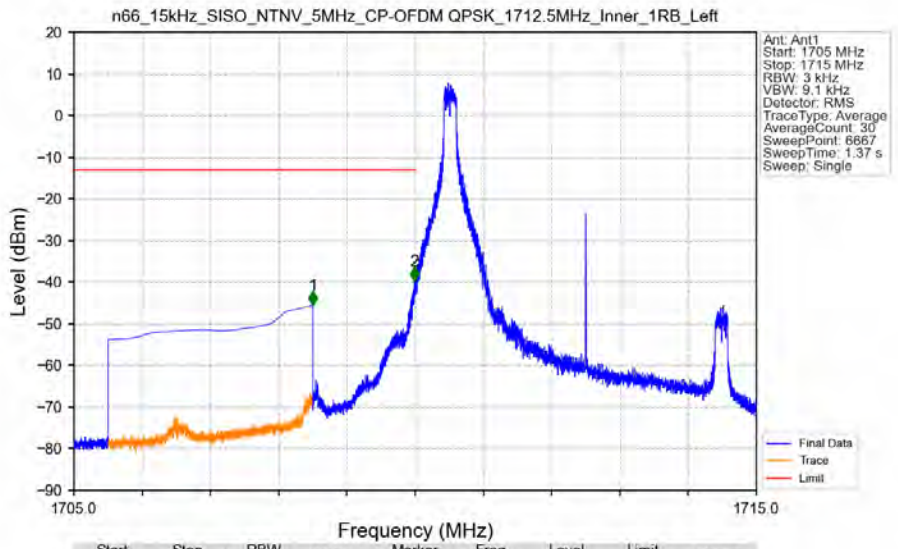

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-45.58	-13	Pass
1709	1710	0.003	/	2	1709.991	-39.77	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

n66_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1745MHz_Edge_1RB_Left

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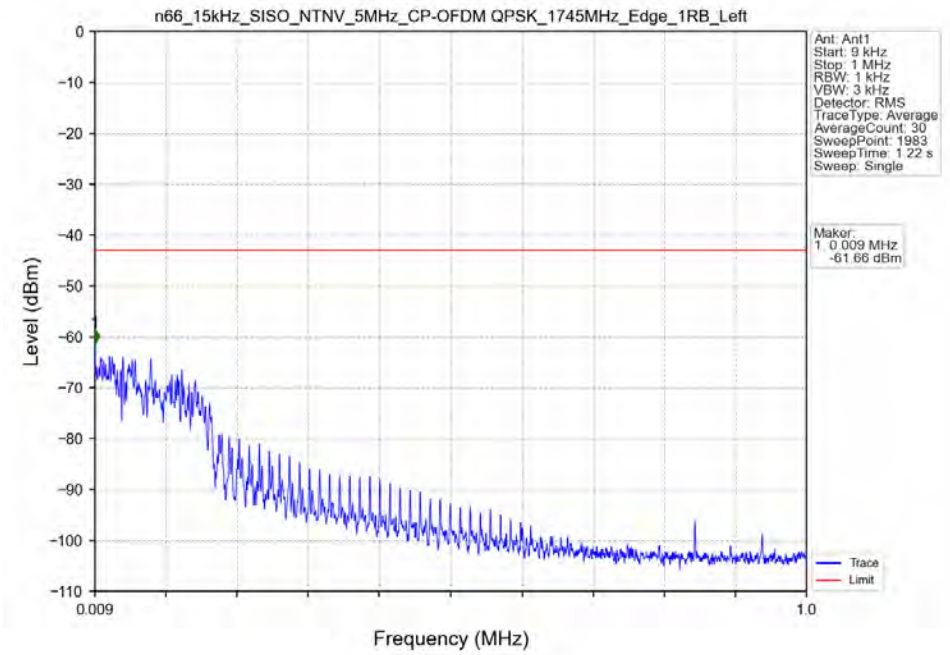

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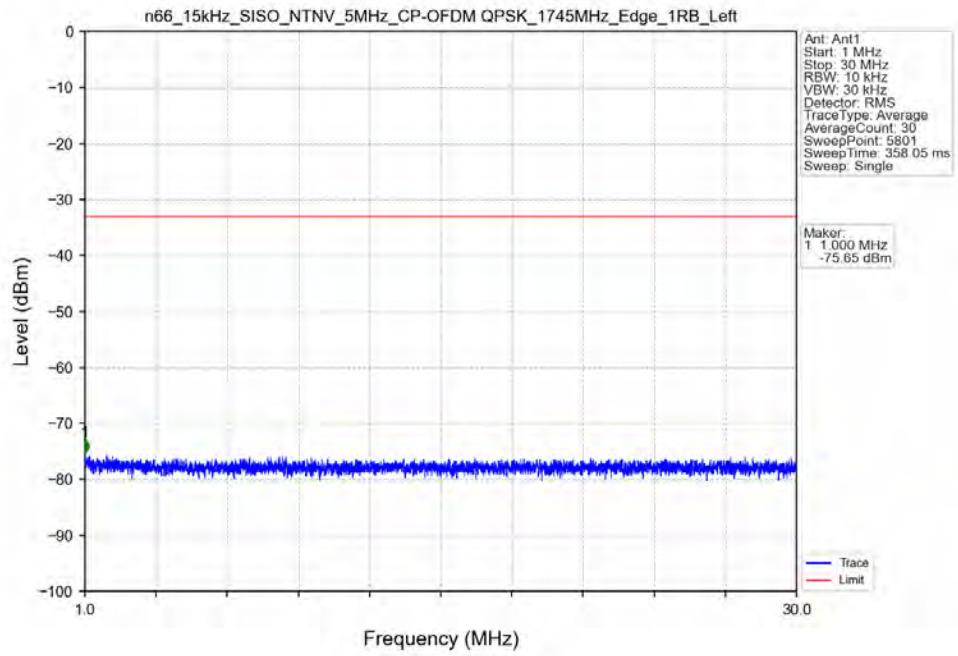
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1745MHz_Edge_1RB_Left



n66_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1745MHz_Edge_1RB_Left

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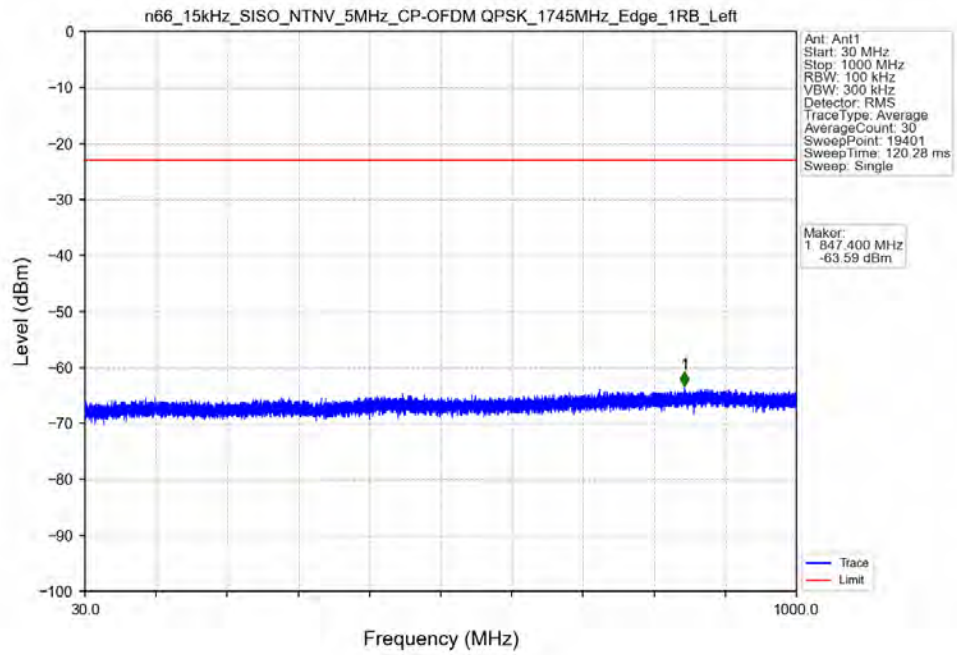

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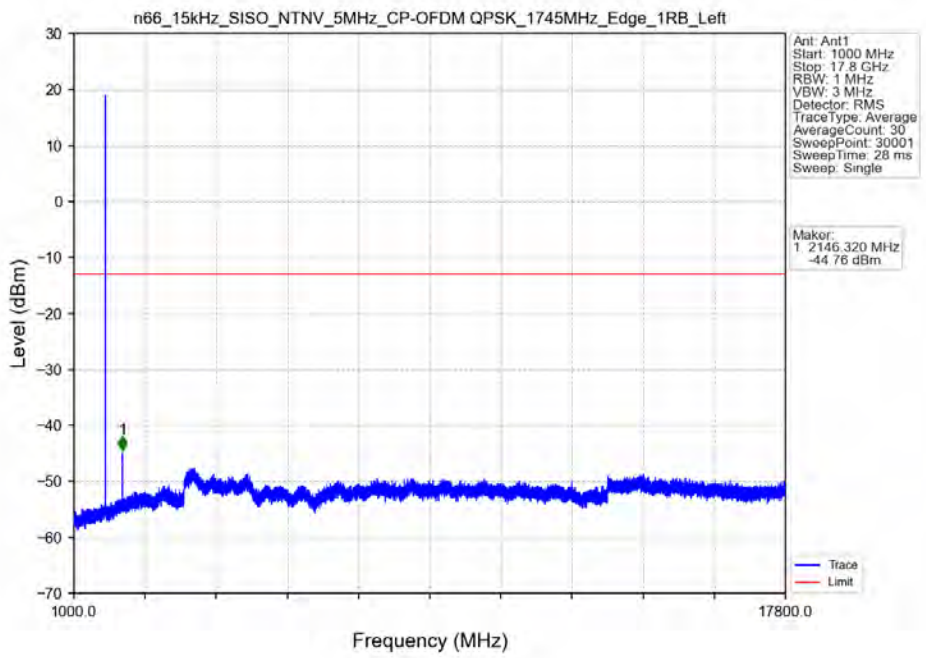

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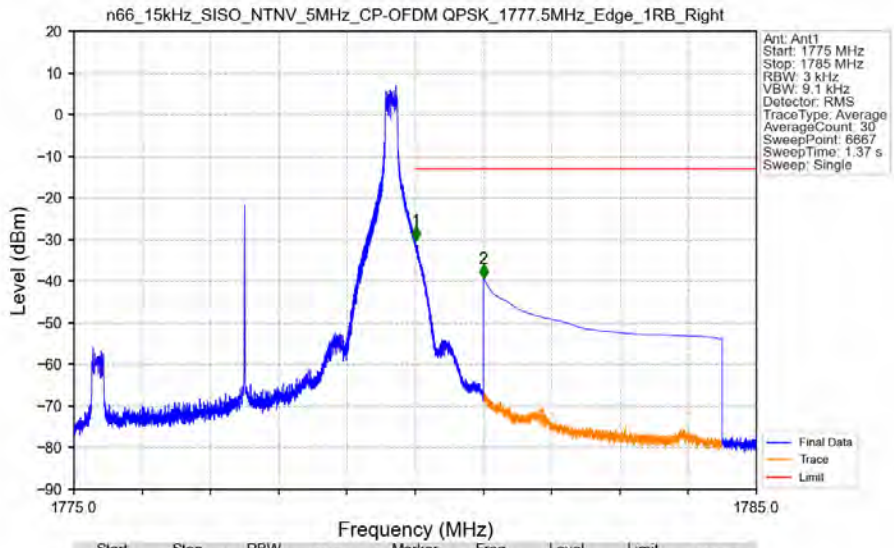

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.006	-30.19	-13	Pass
1781	1785	1	CHP	2	1781.001	-39.34	-13	Pass

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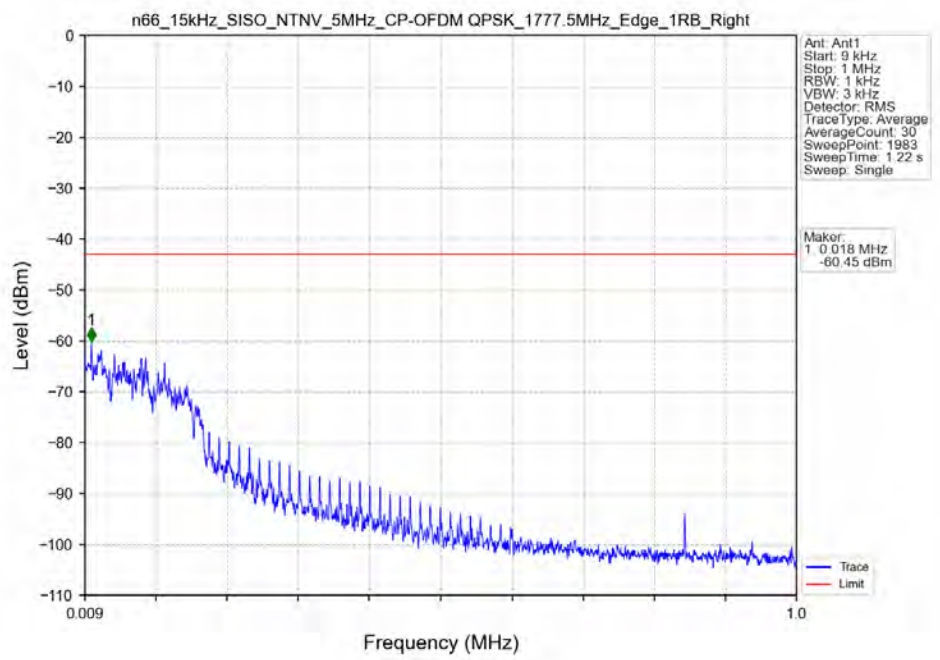

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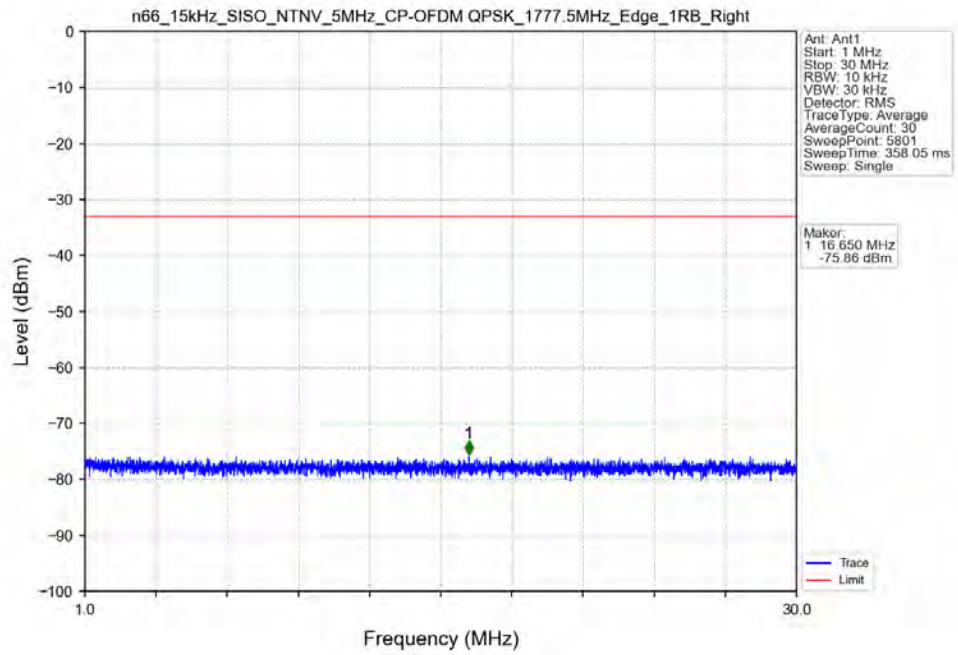

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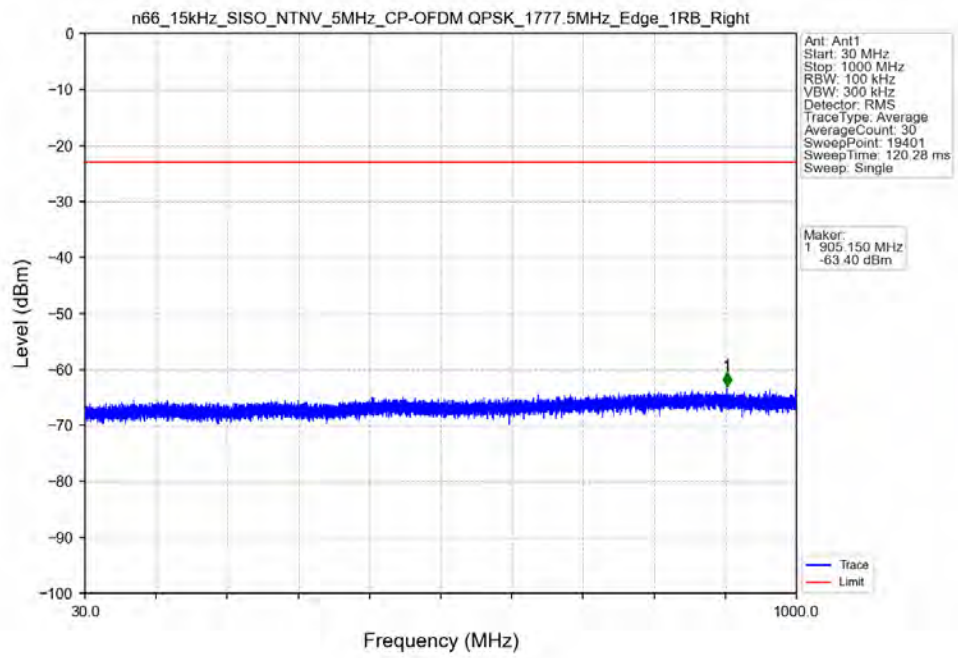

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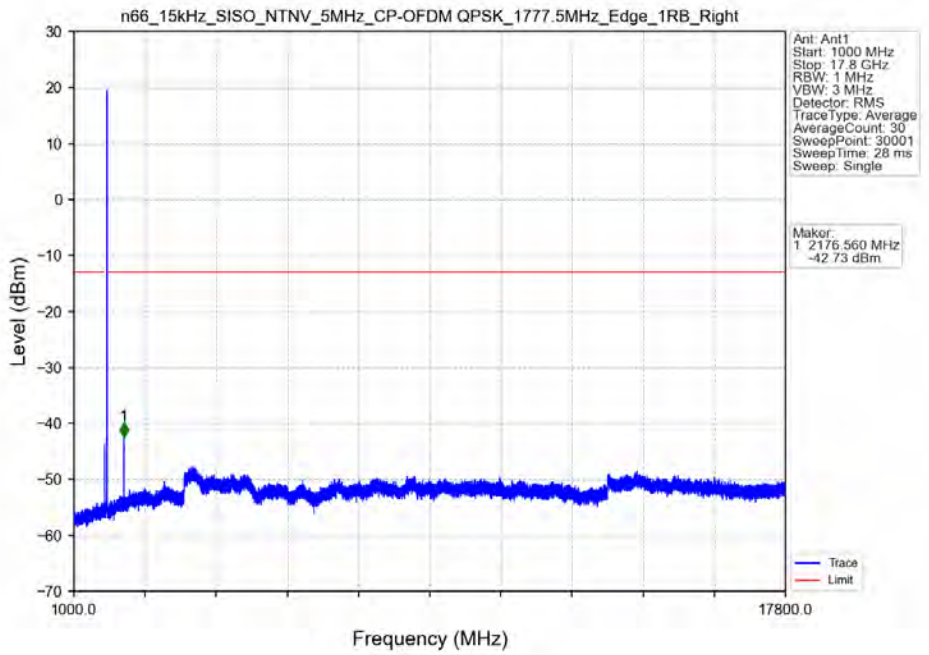

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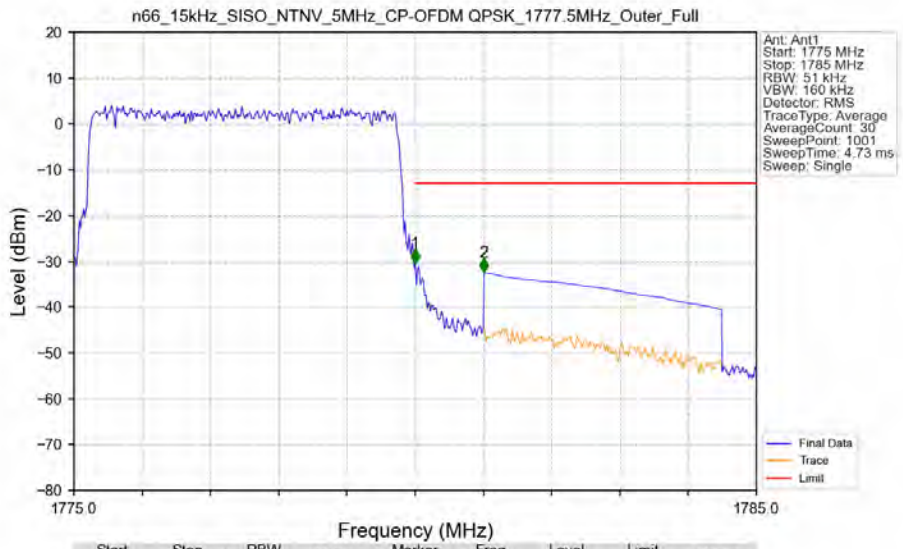

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.051	/	/	/	/	/	/
1780	1781	0.051	/	1	1780.000	-30.48	-13	Pass
1781	1785	1	CHP	2	1781.010	-32.41	-13	Pass

n66_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1777.5MHz_Inner_1RB_Right

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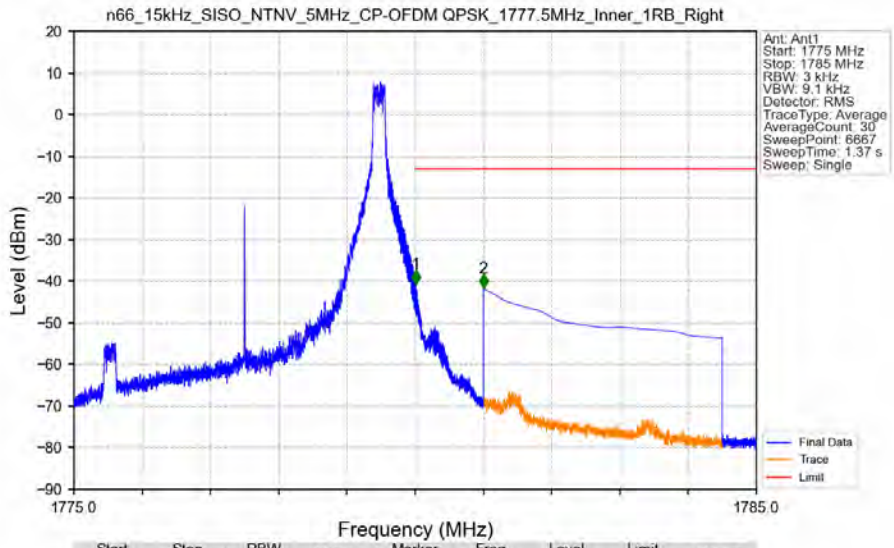

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.009	-40.70	-13	Pass
1781	1785	1	CHP	2	1781.001	-41.77	-13	Pass

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5.2 15k_SISO_10MHz_NTNV

5.2.1 Test Result

5G NR n66 SCS=15kHz SISO 10MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1715	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	1745	Edge_1RB_Left	Refer To Test Graph				Pass
	1775	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	1715	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	1745	Edge_1RB_Left	Refer To Test Graph				Pass
	1775	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
CP-OFDM QPSK	1715	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	1745	Edge_1RB_Left	Refer To Test Graph				Pass
	1775	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass

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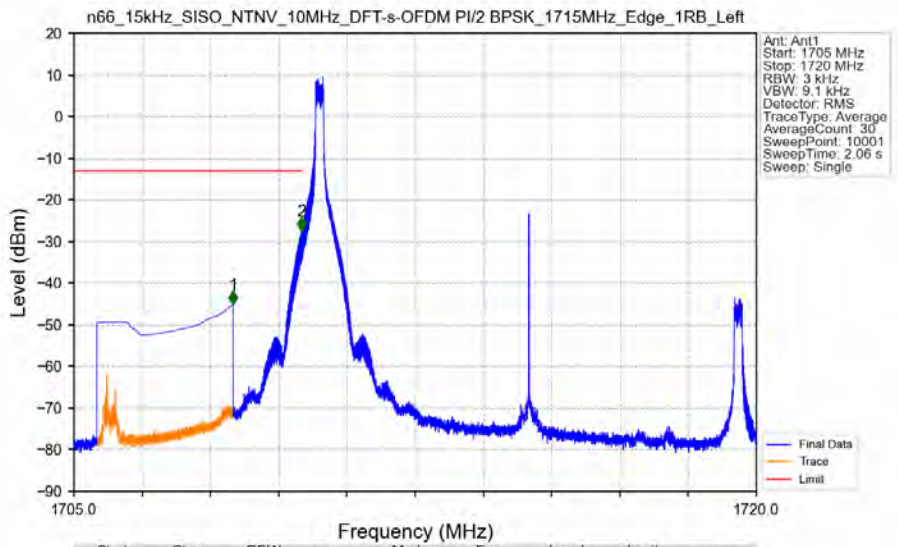
5.2.2 Test Graph

n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1715MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.499	-45.16	-13	Pass
1709	1710	0.003	/	2	1709.995	-27.60	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1715MHz_Edge_1RB_Left

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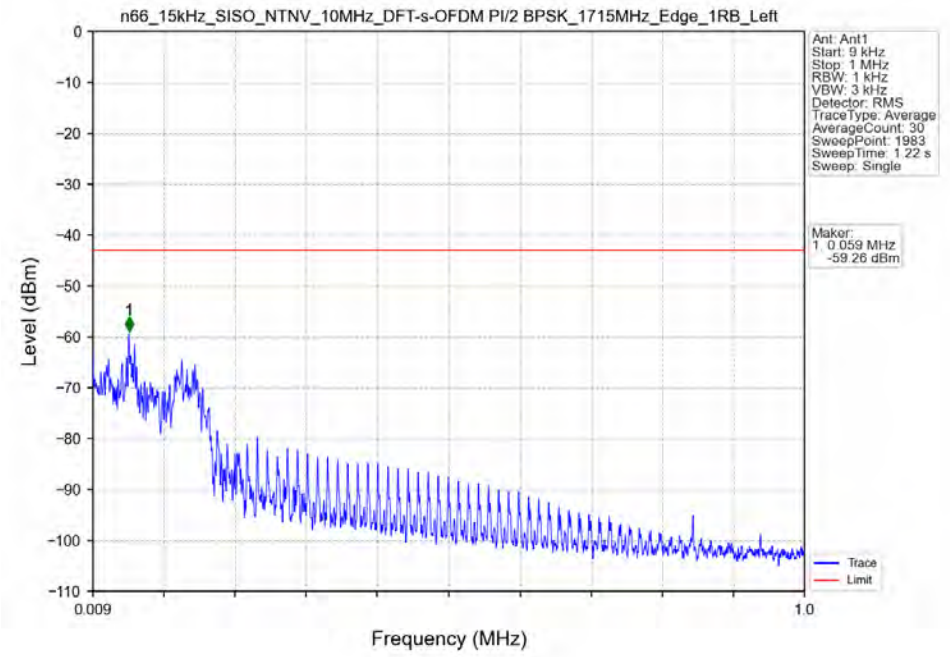

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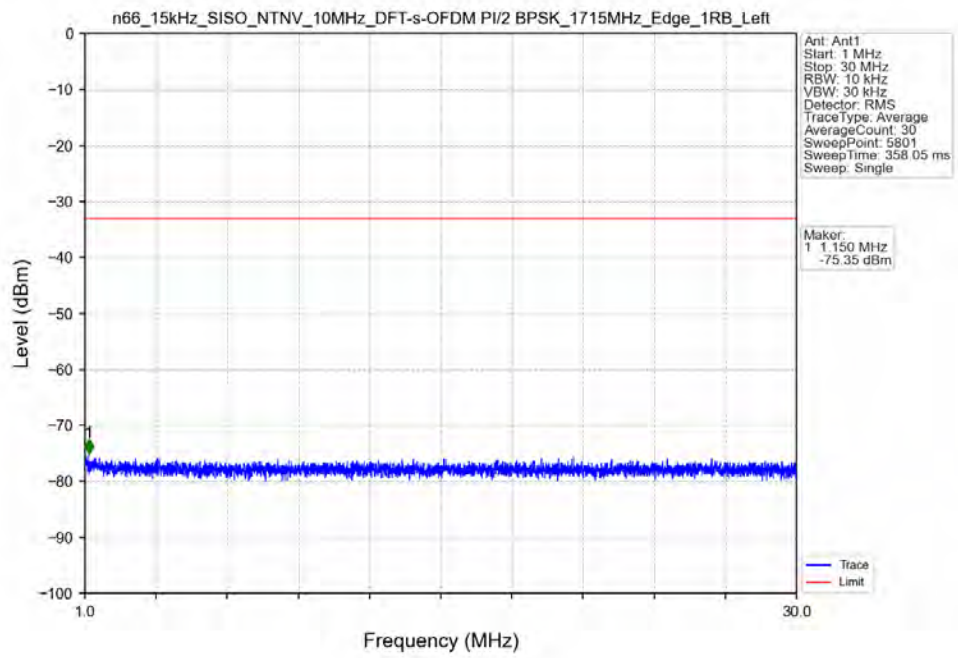
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1715MHz_Edge_1RB_Left



n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1715MHz_Edge_1RB_Left

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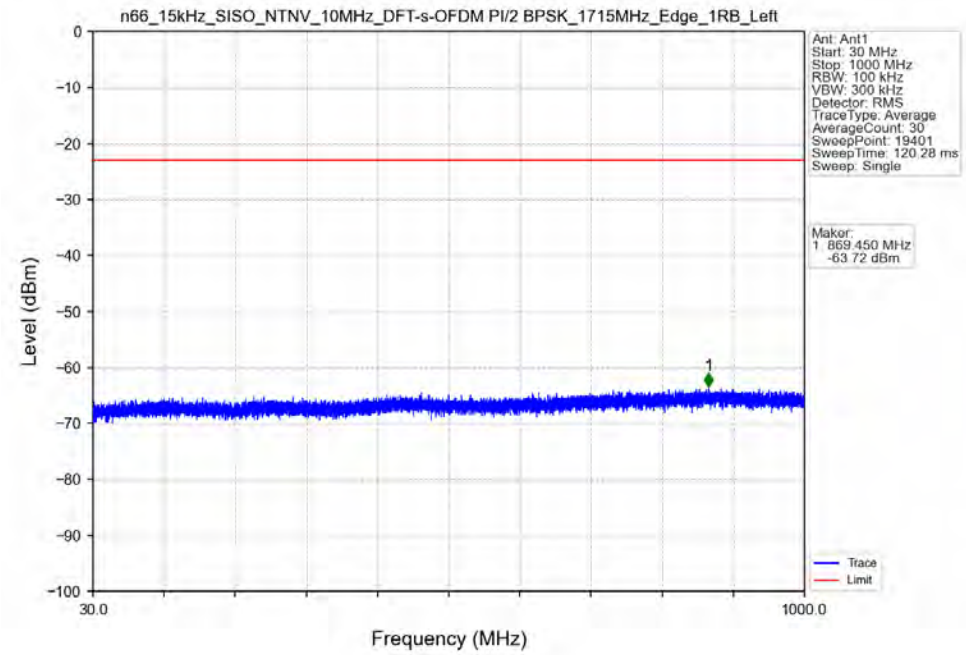

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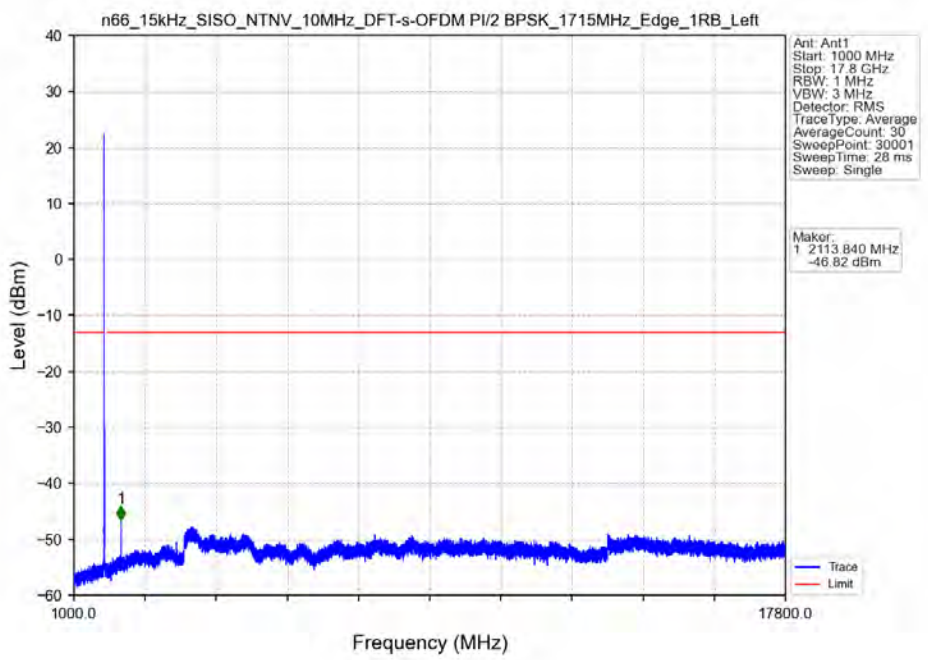

n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1715MHz_Outer_Full

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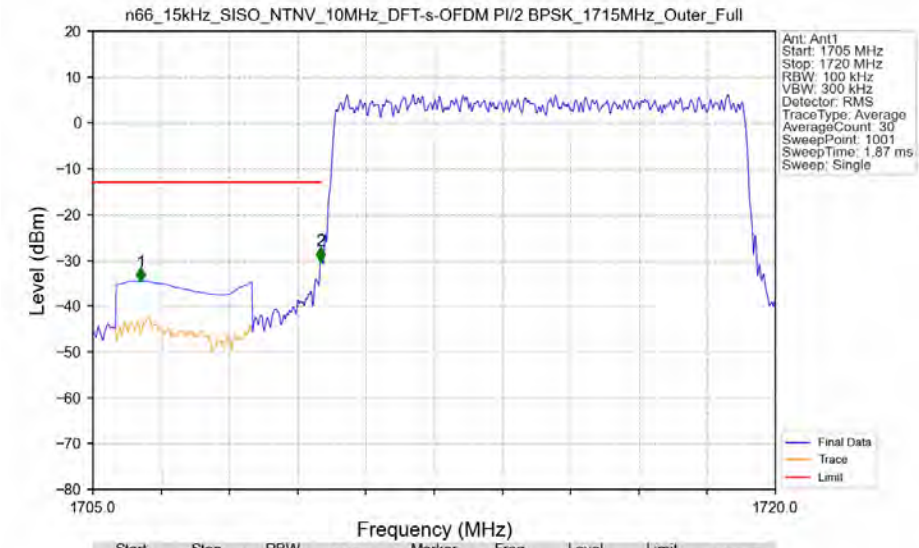

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1706.050	-34.62	-13	Pass
1709	1710	0.1	/	2	1709.995	-30.17	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

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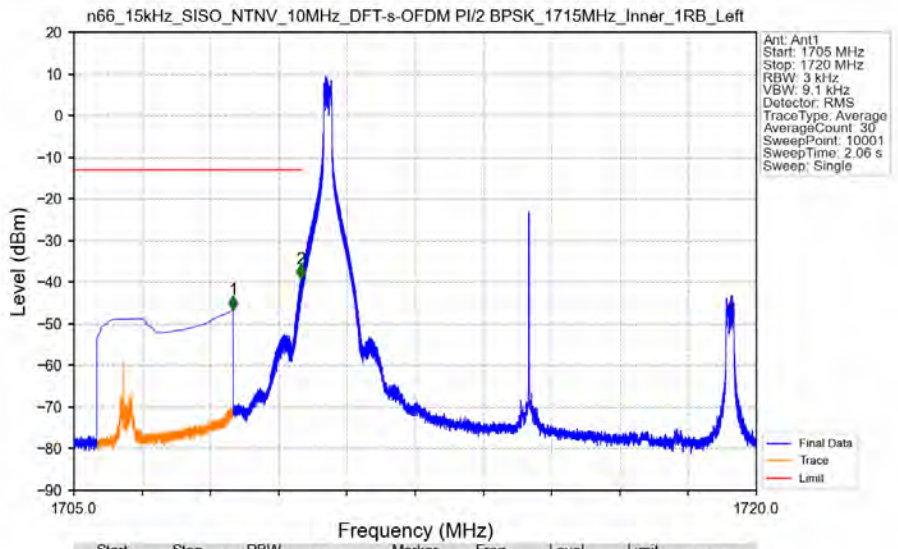

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.499	-46.65	-13	Pass
1709	1710	0.003	/	2	1709.991	-39.14	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1745MHz_Edge_1RB_Left

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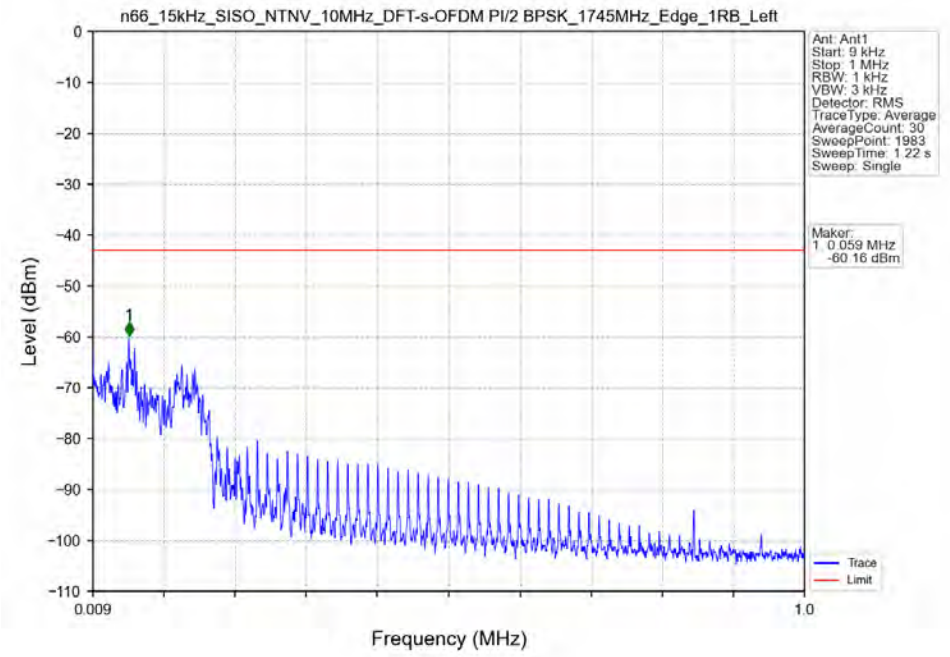

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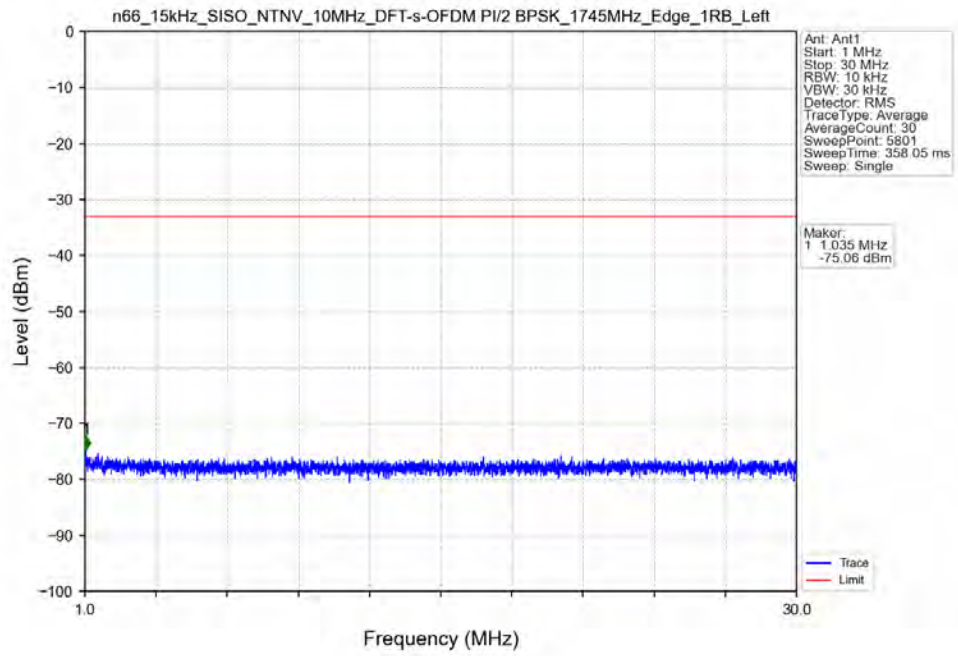
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1745MHz_Edge_1RB_Left



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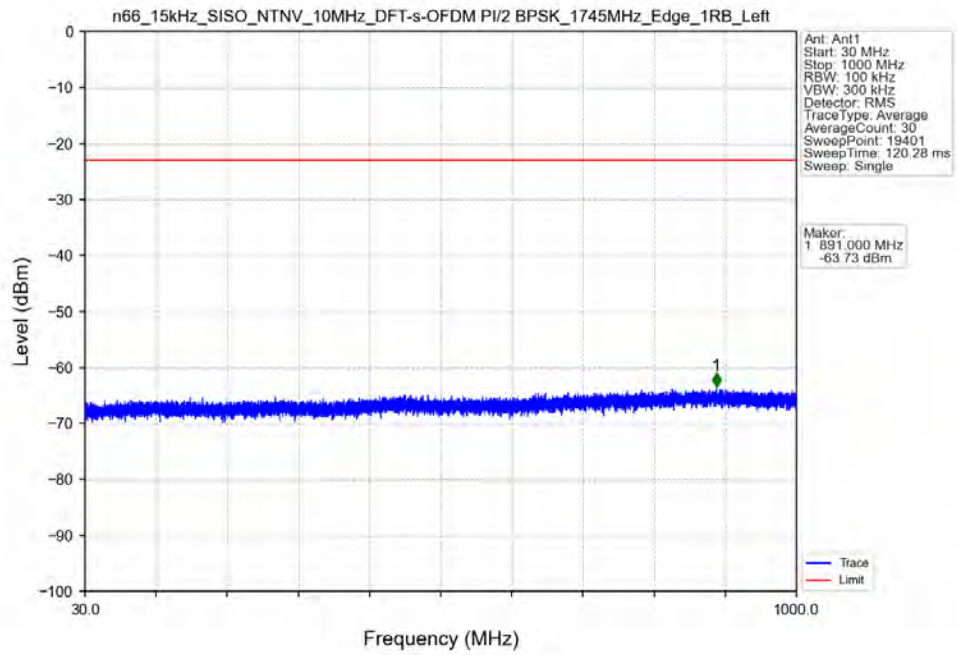

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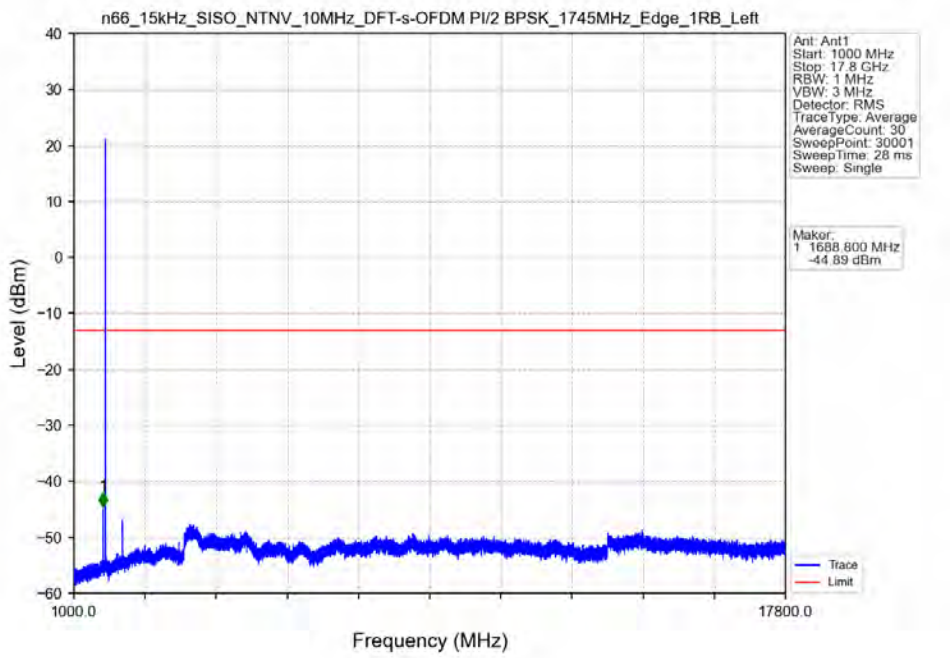

n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1775MHz_Edge_1RB_Right

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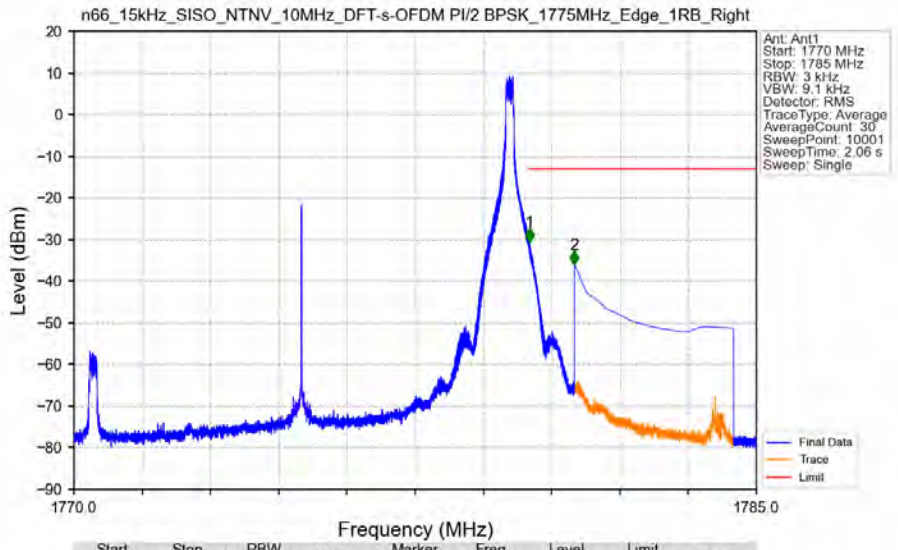

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.013	-30.66	-13	Pass
1781	1785	1	CHP	2	1781.001	-36.11	-13	Pass

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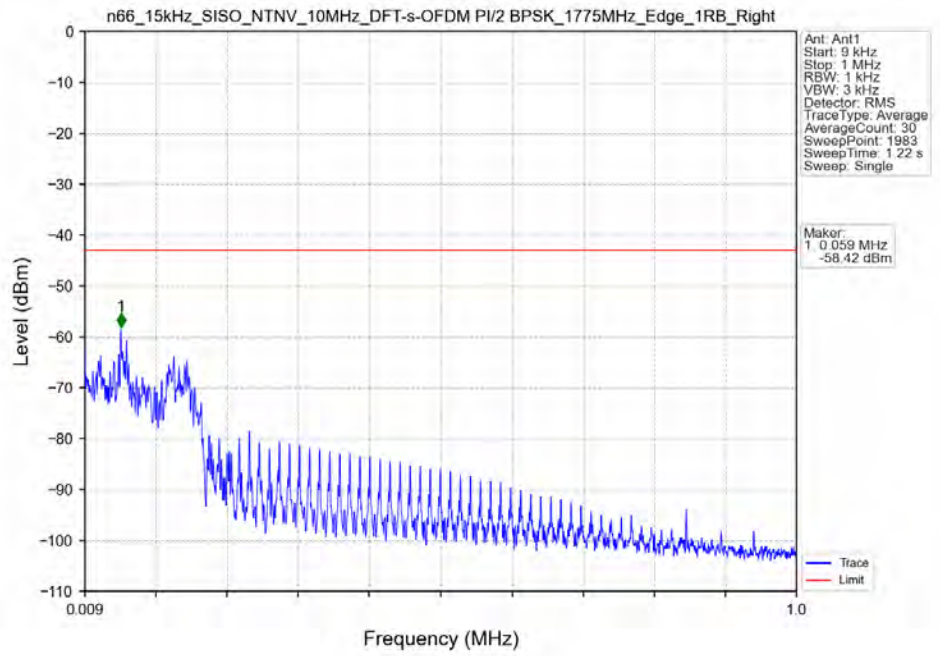
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1775MHz_Edge_1RB_Right



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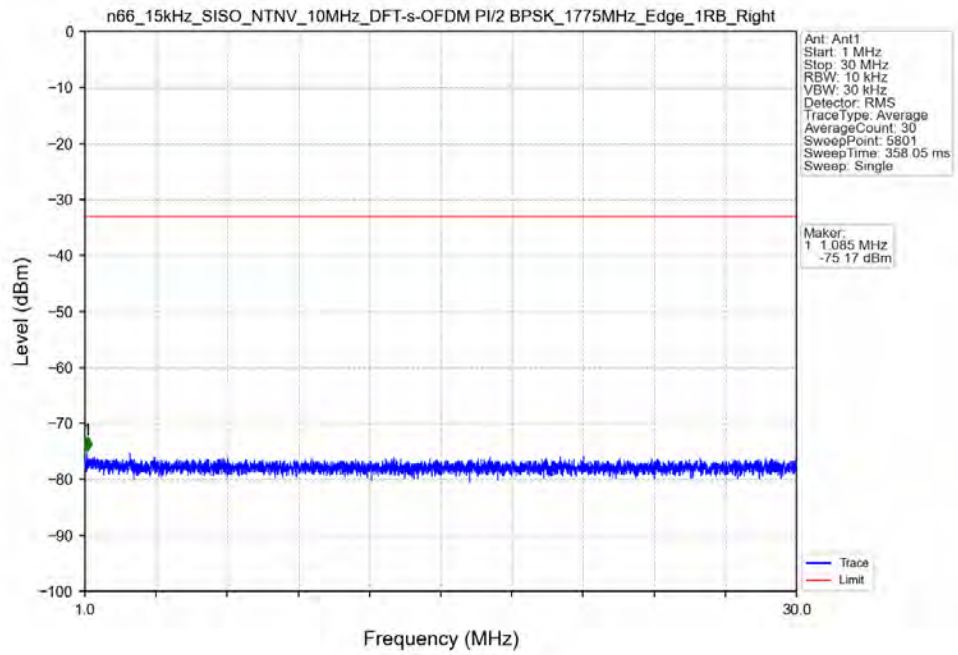

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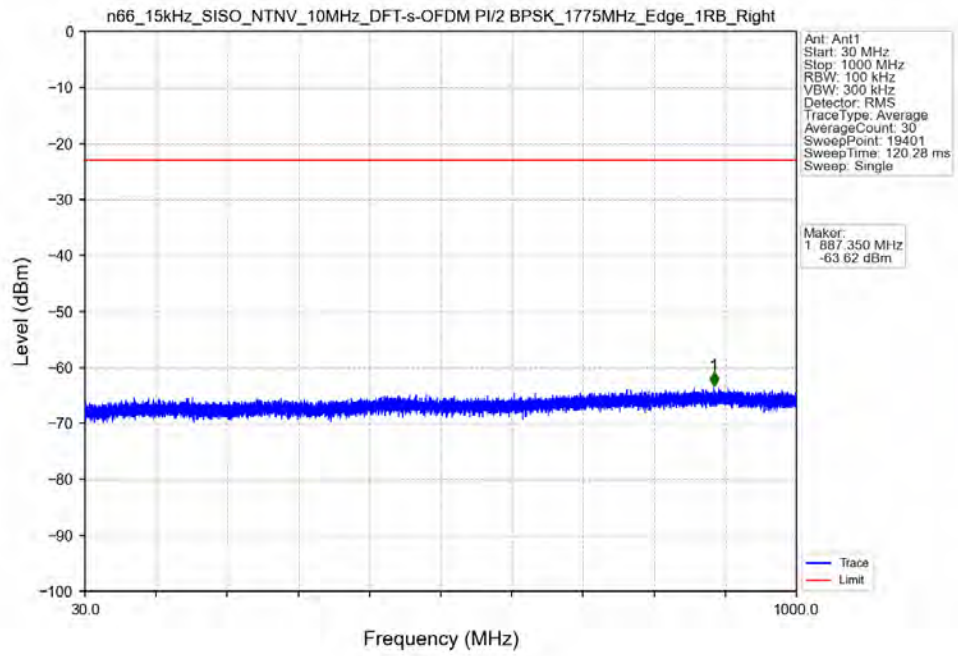

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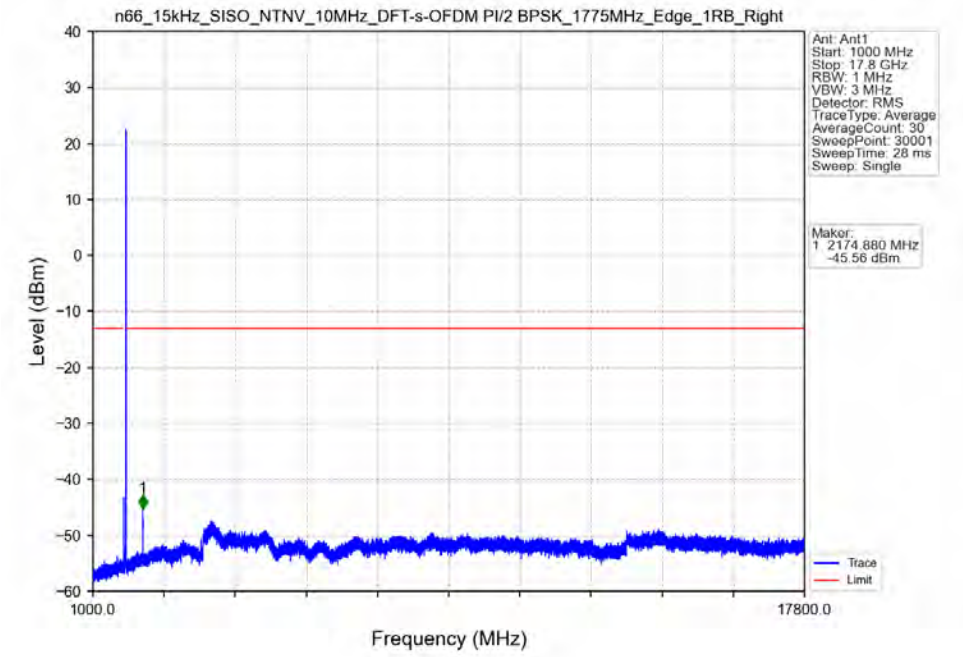

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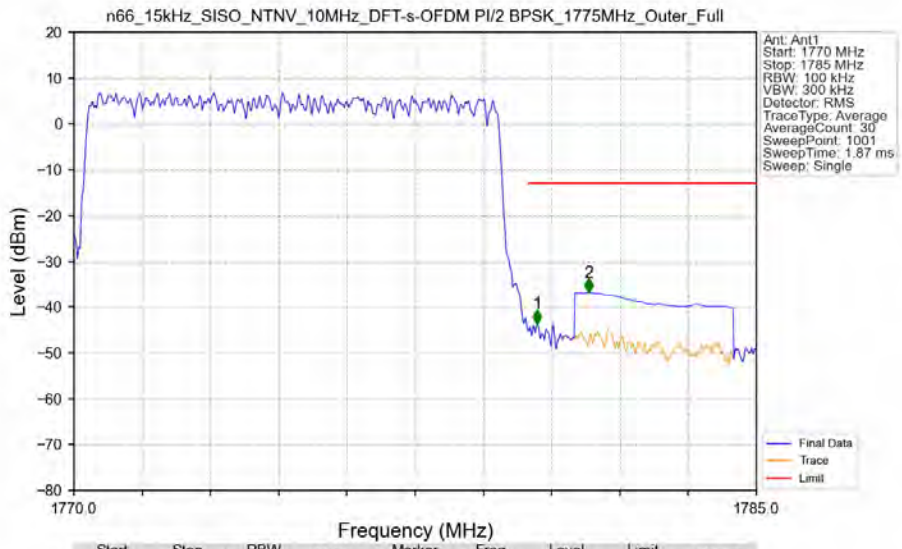

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.1	/	/	/	/	/	/
1780	1781	0.1	/	1	1780.185	-43.61	-13	Pass
1781	1785	1	CHP	2	1781.310	-36.87	-13	Pass

n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1775MHz_Inner_1RB_Right

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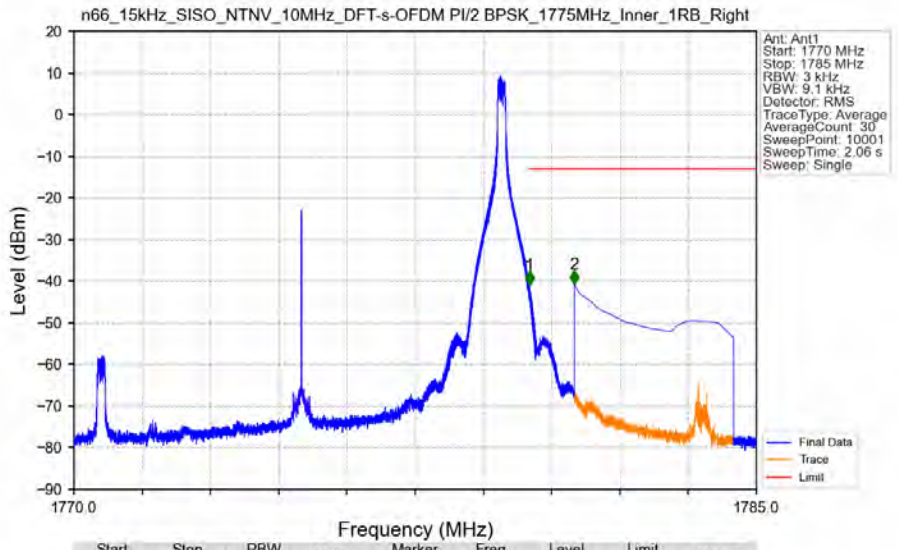

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.009	-40.90	-13	Pass
1781	1785	1	CHP	2	1781.001	-40.70	-13	Pass

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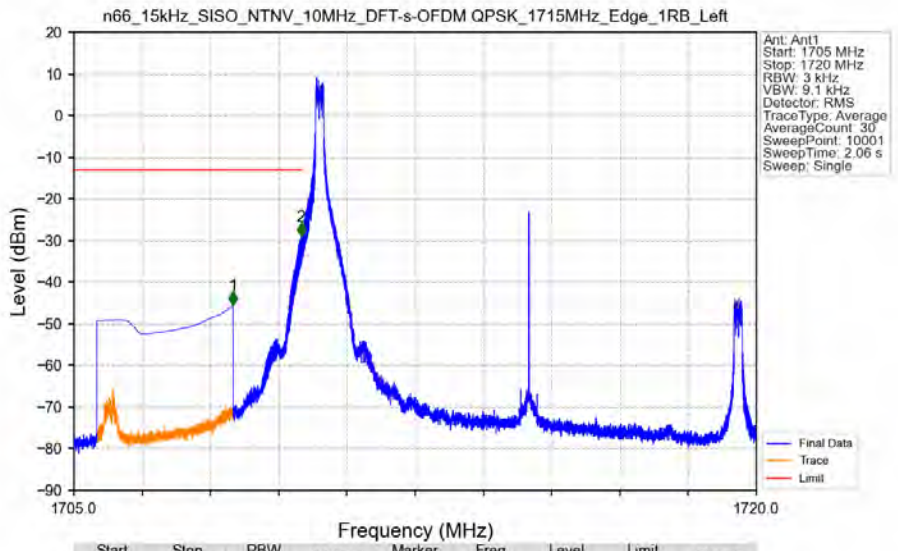

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.499	-45.57	-13	Pass
1709	1710	0.003	/	2	1709.994	-29.15	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1715MHz_Edge_1RB_Left

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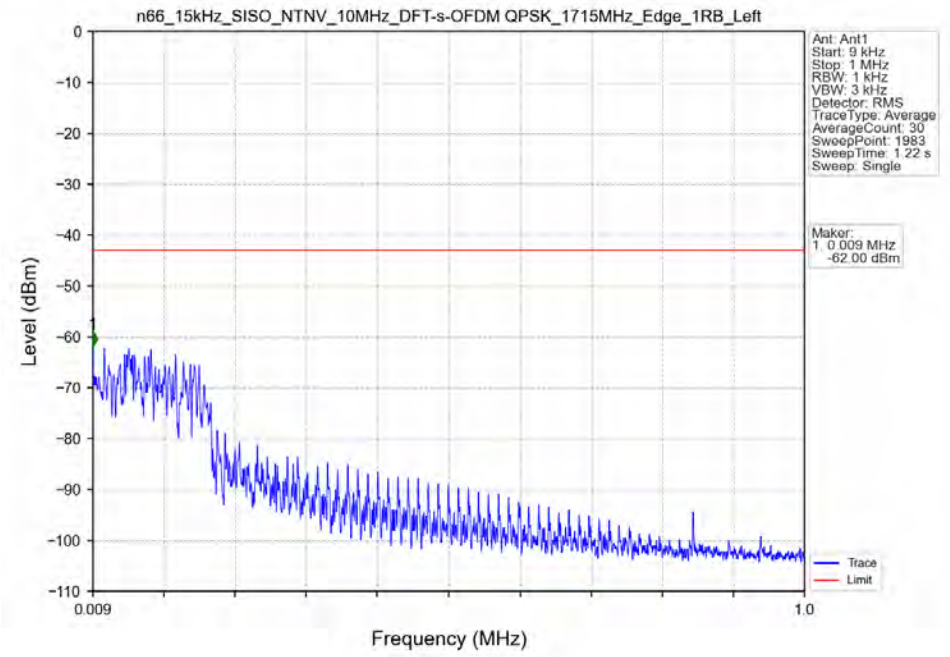

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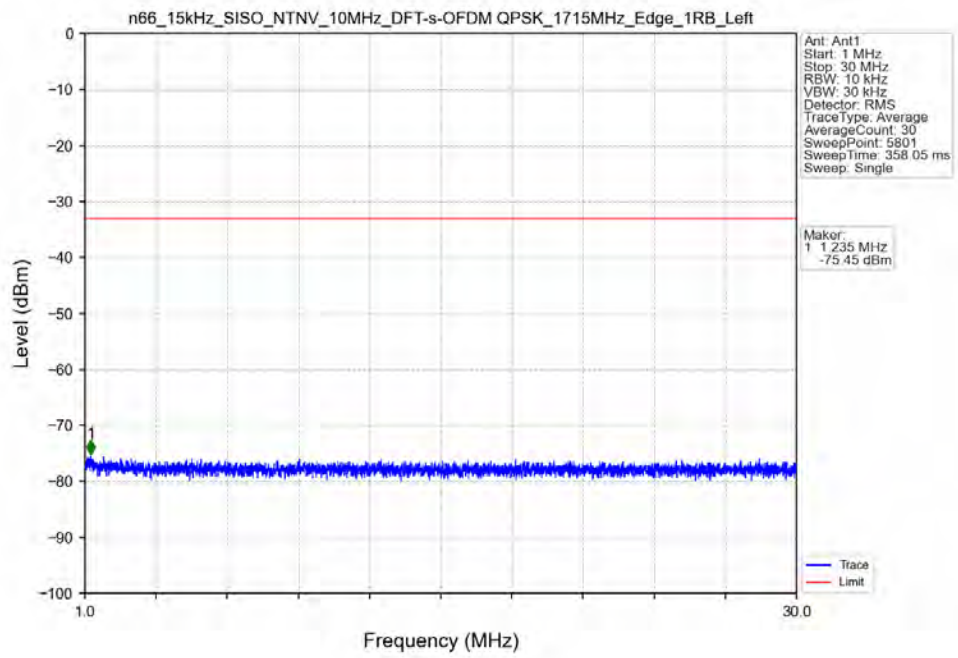

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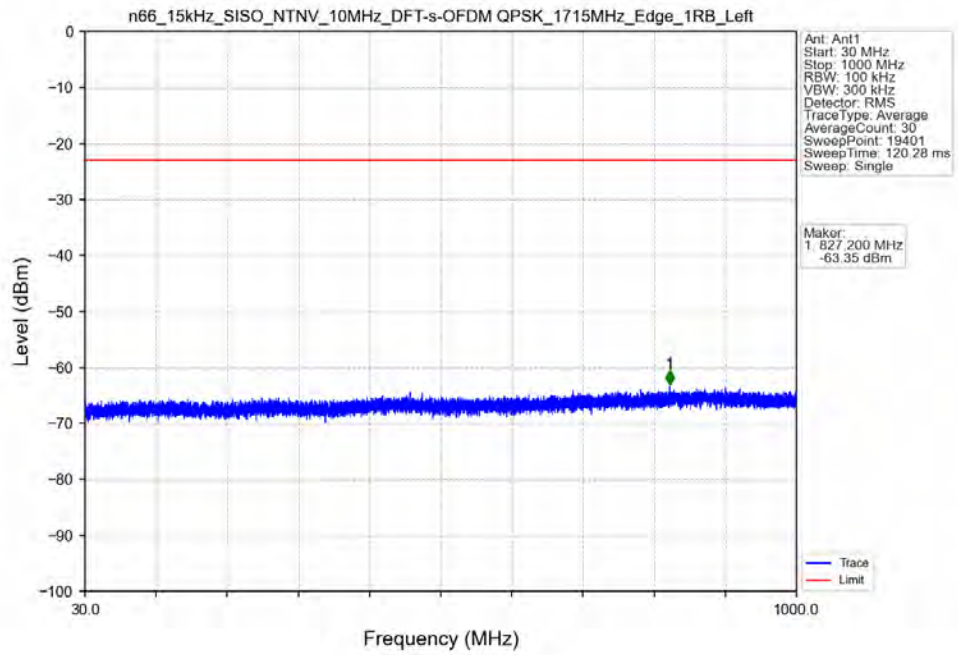

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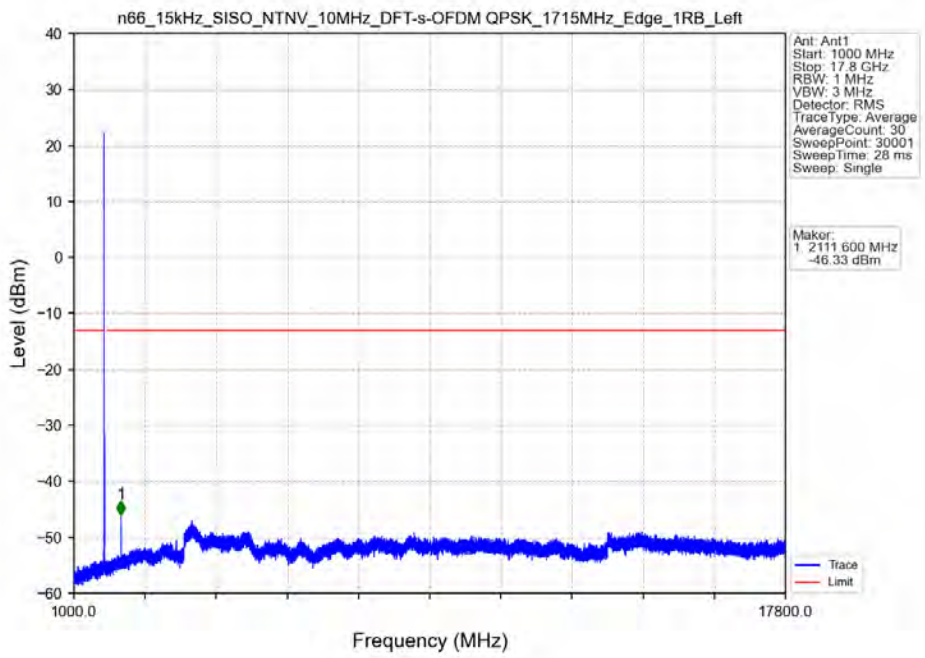

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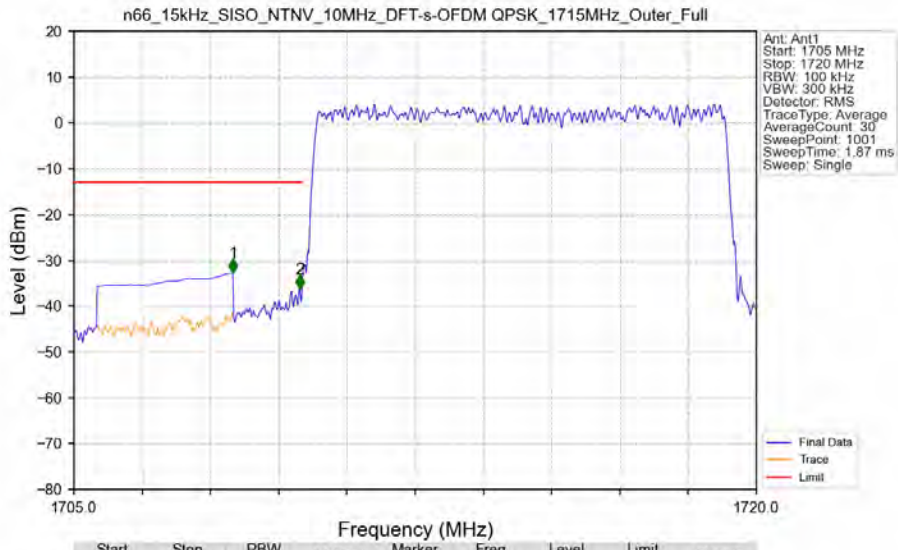

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.495	-32.80	-13	Pass
1709	1710	0.1	/	2	1709.965	-36.33	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

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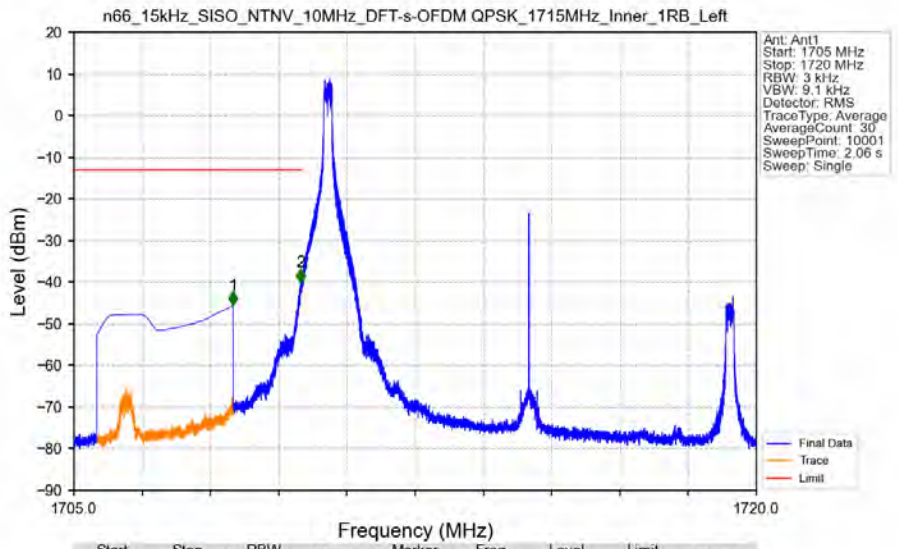

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.499	-45.60	-13	Pass
1709	1710	0.003	/	2	1709.991	-40.07	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1745MHz_Edge_1RB_Left

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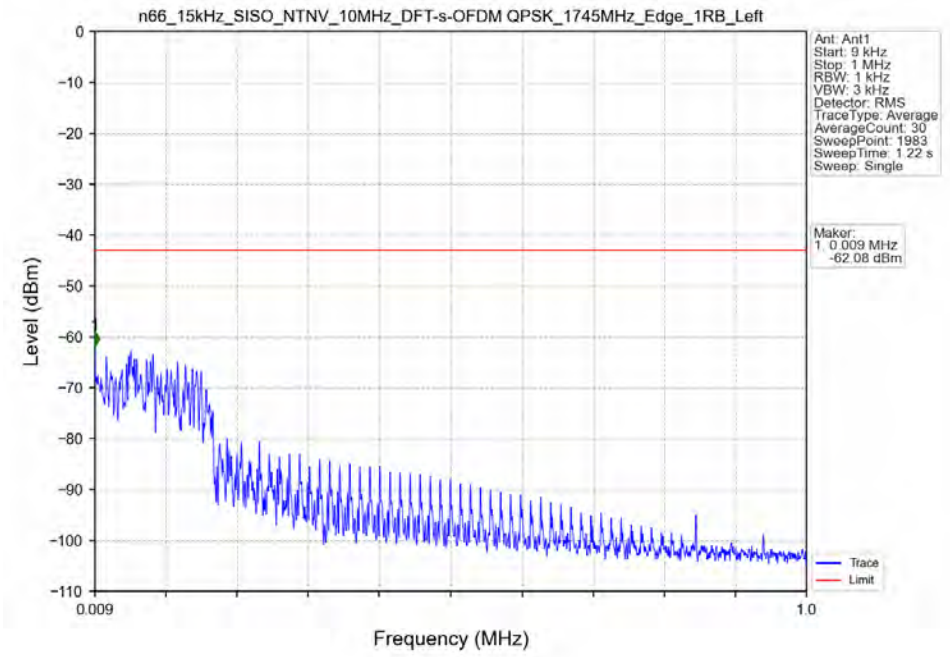

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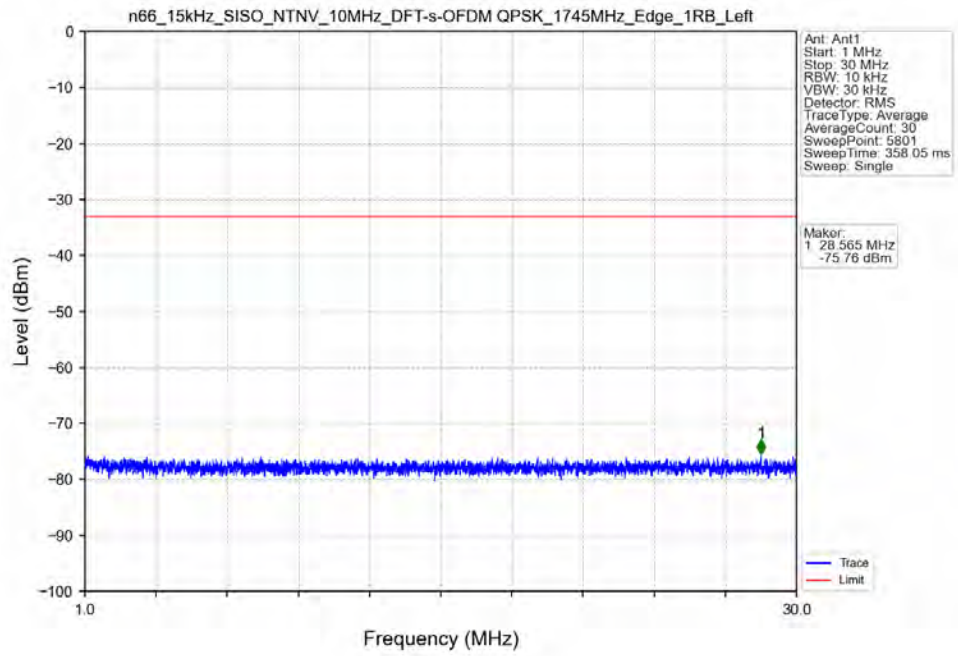

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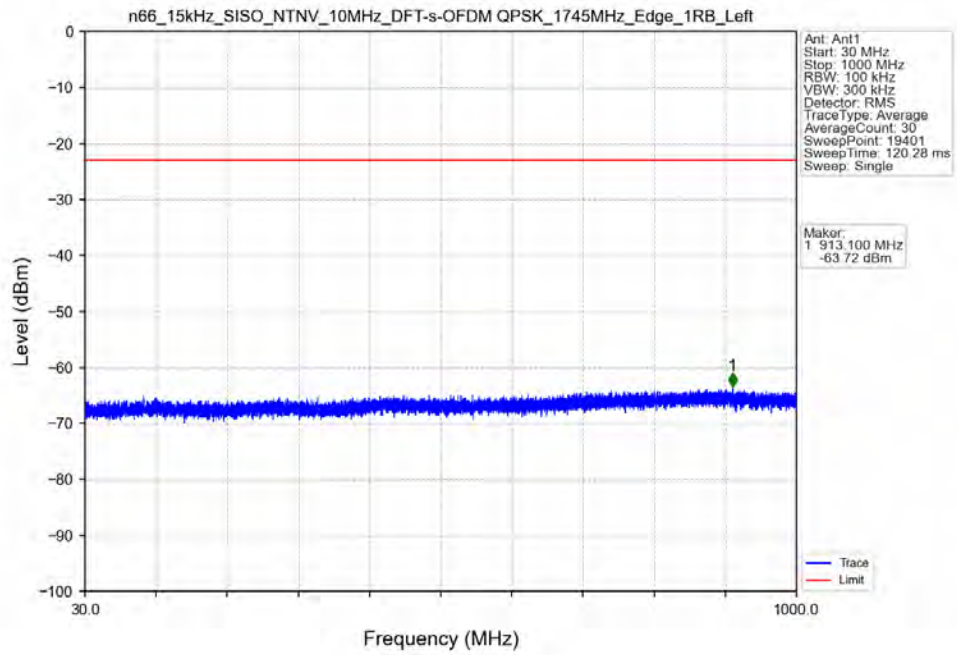

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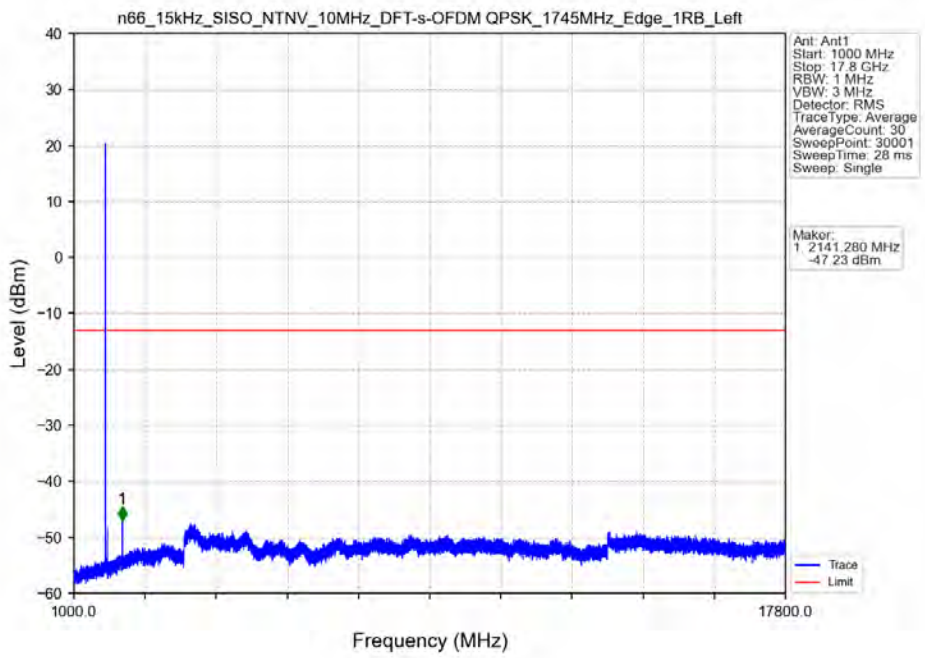

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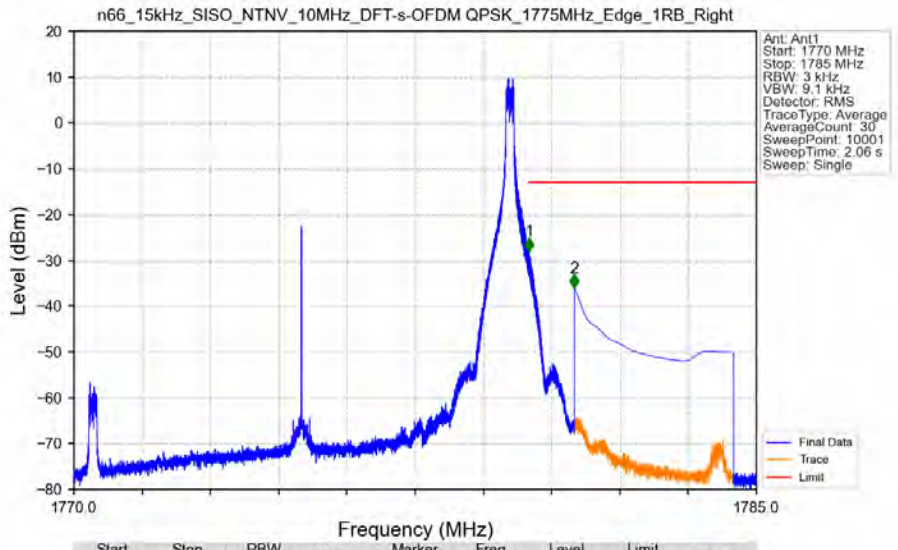

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.005	-28.07	-13	Pass
1781	1785	1	CHP	2	1781.001	-36.14	-13	Pass

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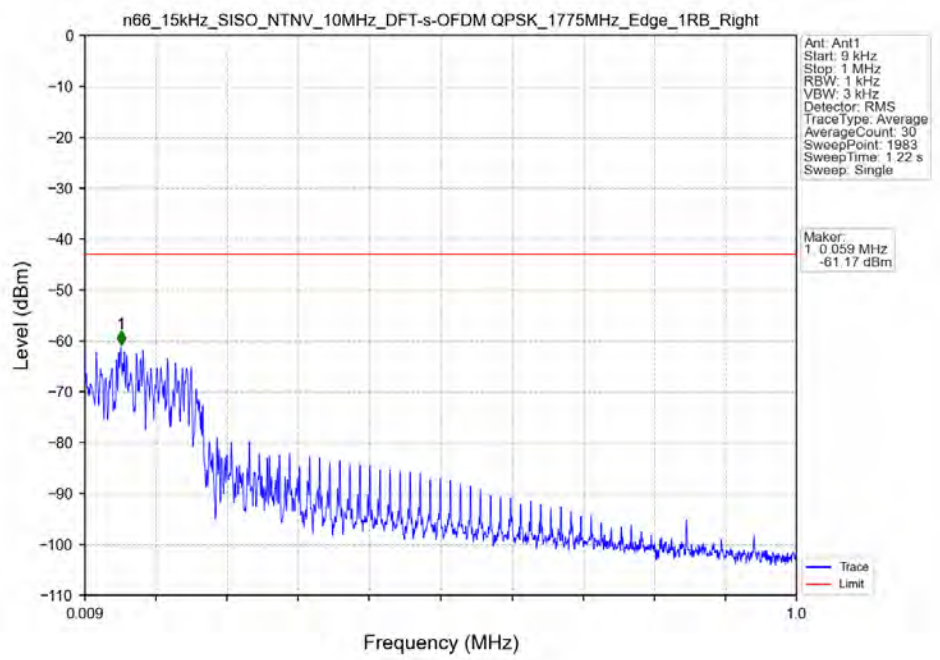

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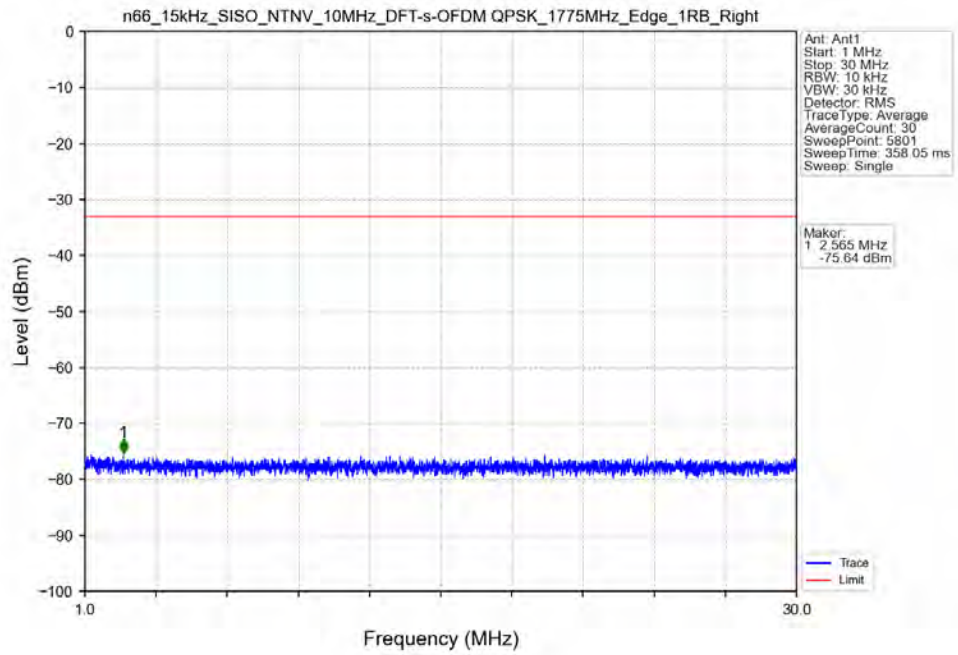

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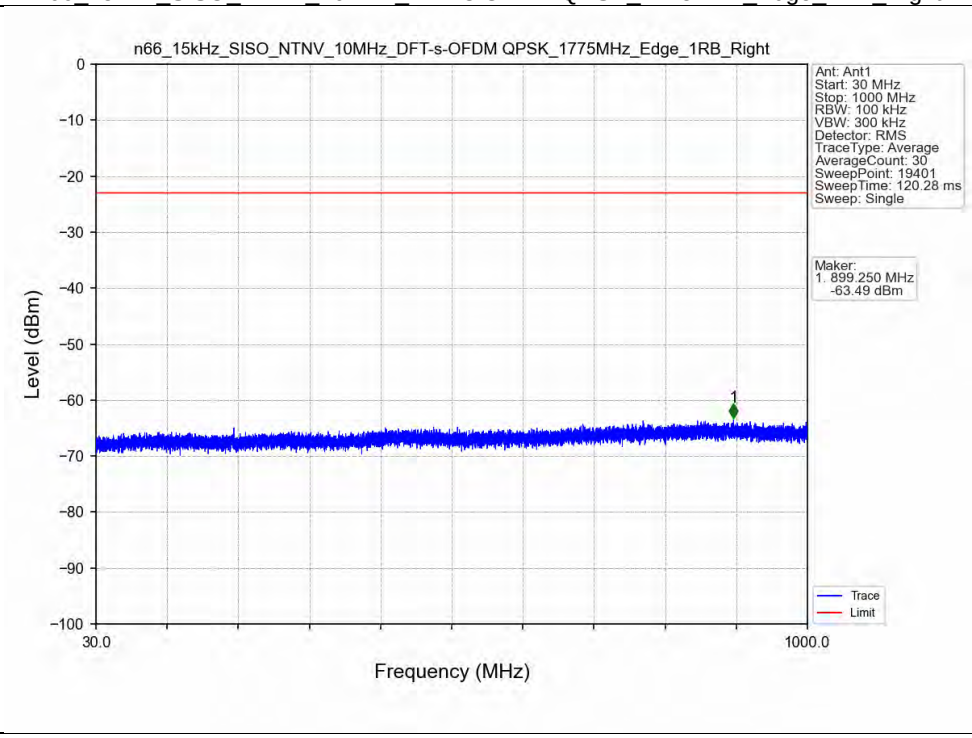

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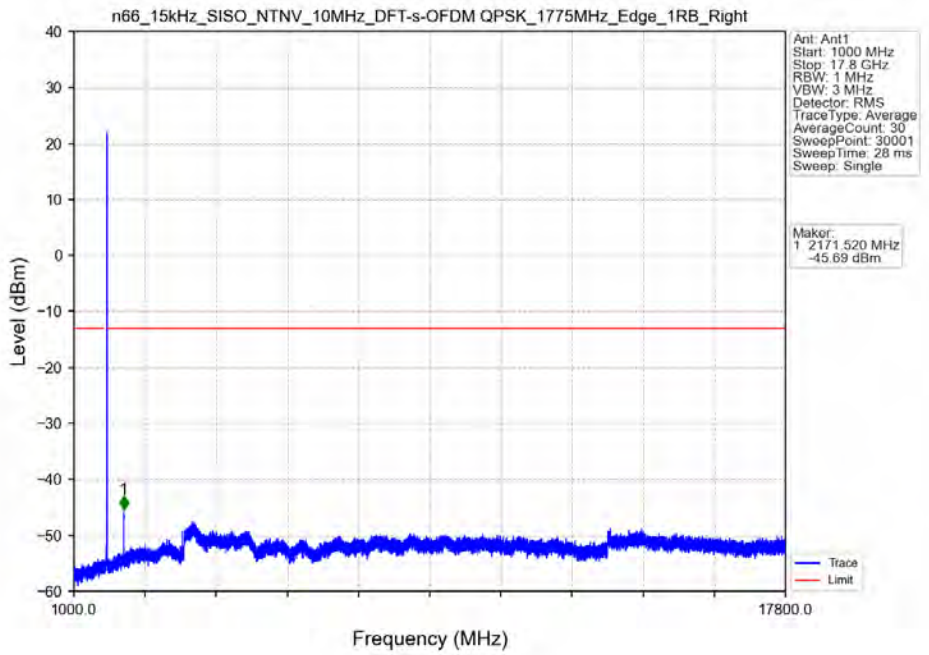

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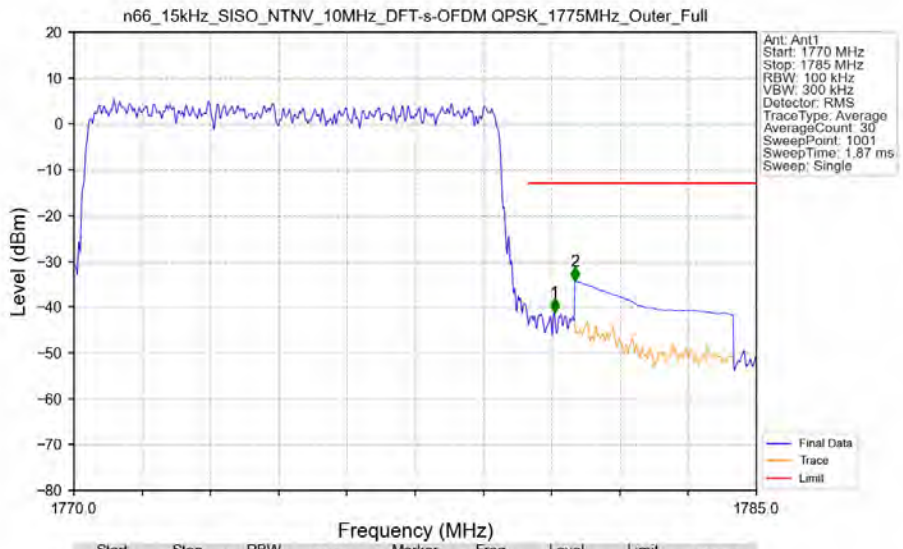

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.1	/	/	/	/	/	/
1780	1781	0.1	/	1	1780.560	-41.22	-13	Pass
1781	1785	1	CHP	2	1781.010	-34.32	-13	Pass

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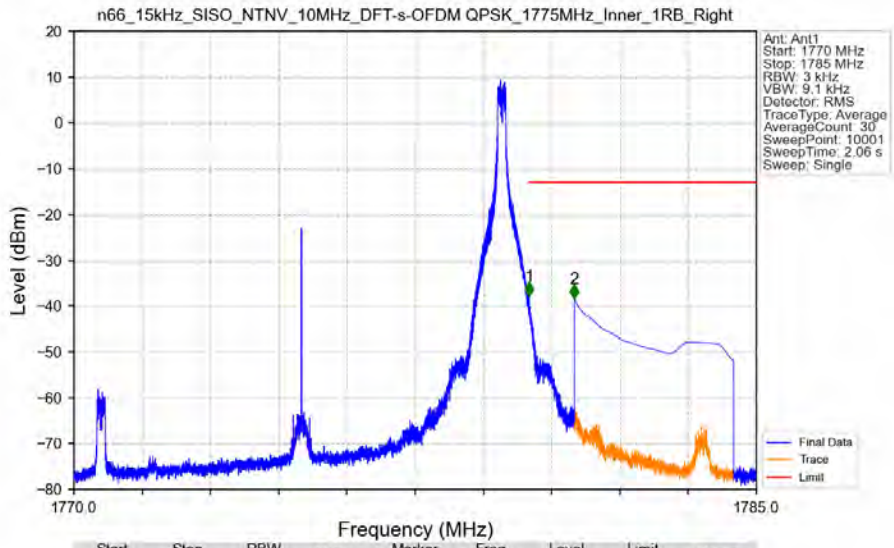

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.005	-37.84	-13	Pass
1781	1785	1	CHP	2	1781.001	-38.39	-13	Pass

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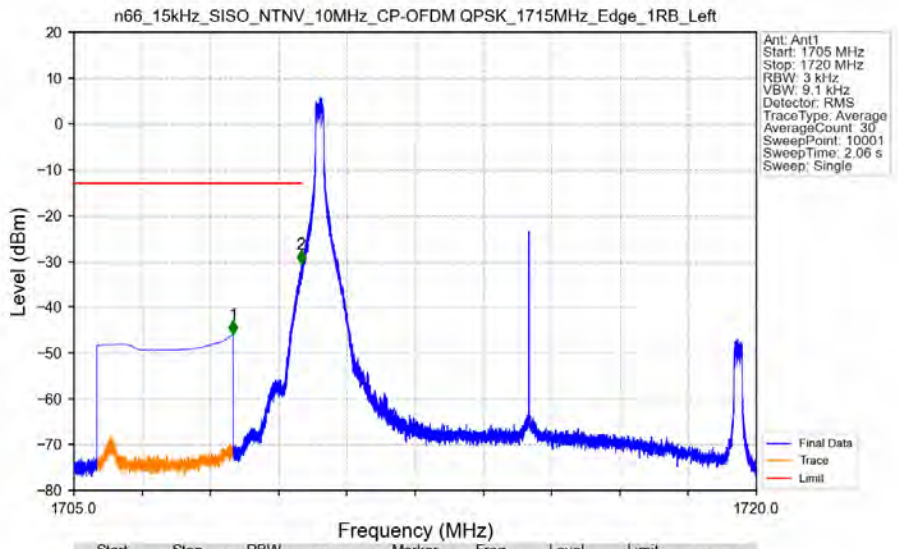

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.499	-45.94	-13	Pass
1709	1710	0.003	/	2	1709.994	-30.64	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

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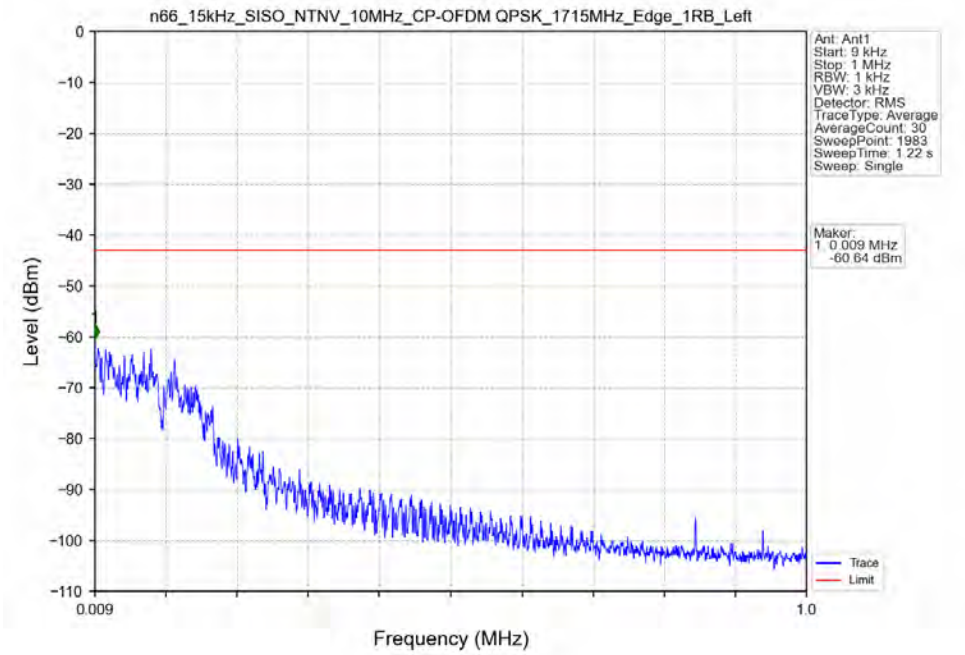

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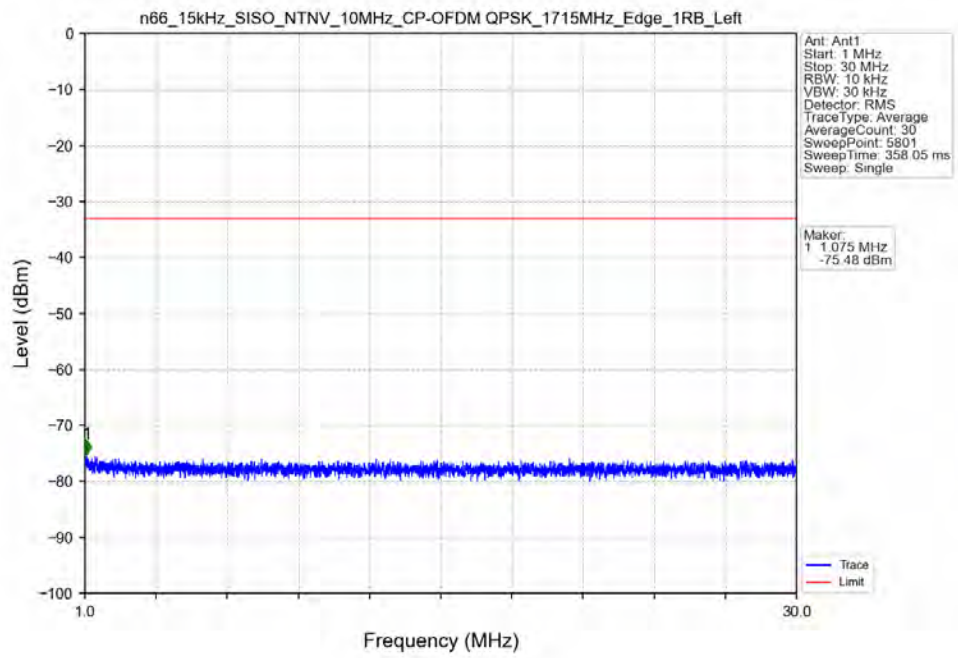
n66_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1715MHz_Edge_1RB_Left



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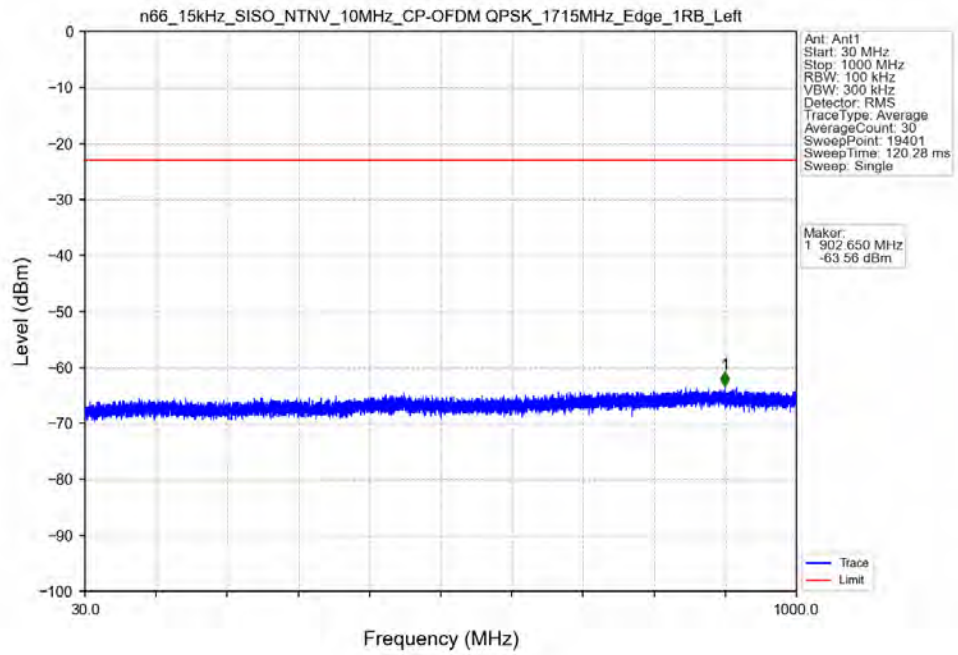

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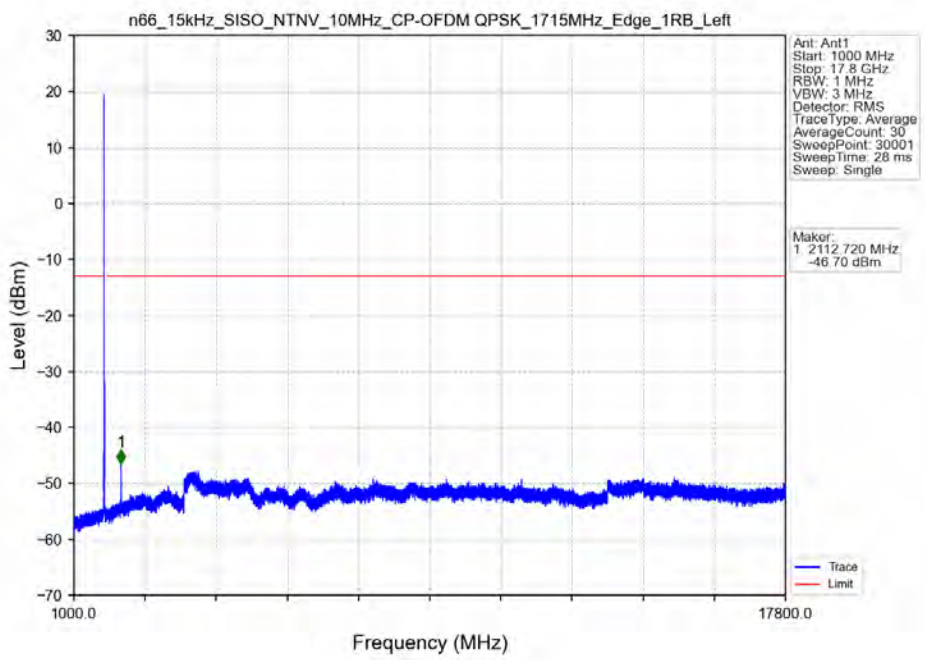

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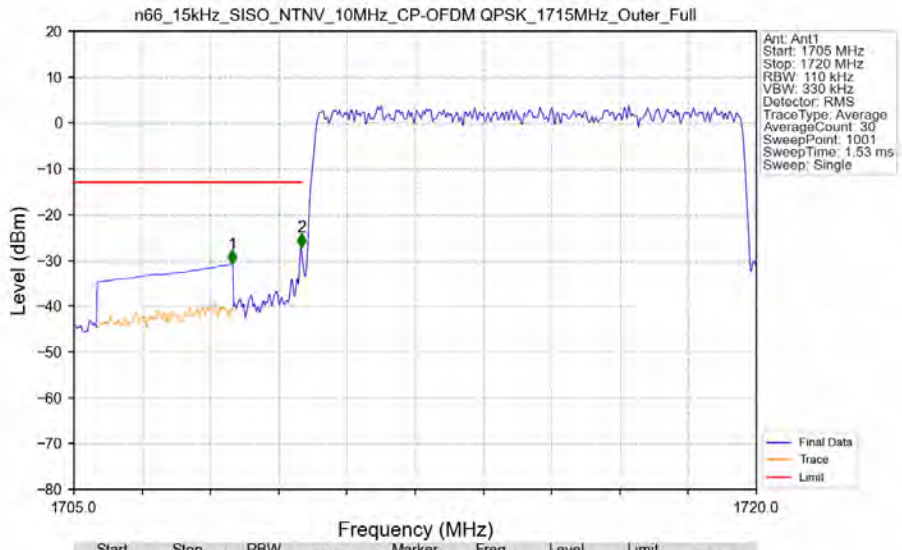

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.480	-30.86	-13	Pass
1709	1710	0.11	/	2	1709.995	-27.20	-13	Pass
1710	1720	0.11	/	/	/	/	/	/

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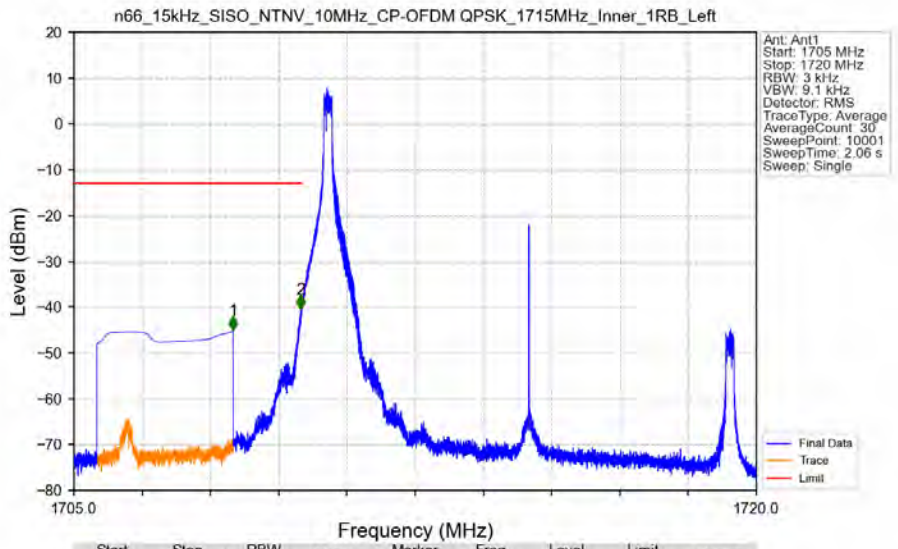

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.499	-45.10	-13	Pass
1709	1710	0.003	/	2	1709.987	-40.57	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

n66_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1745MHz_Edge_1RB_Left

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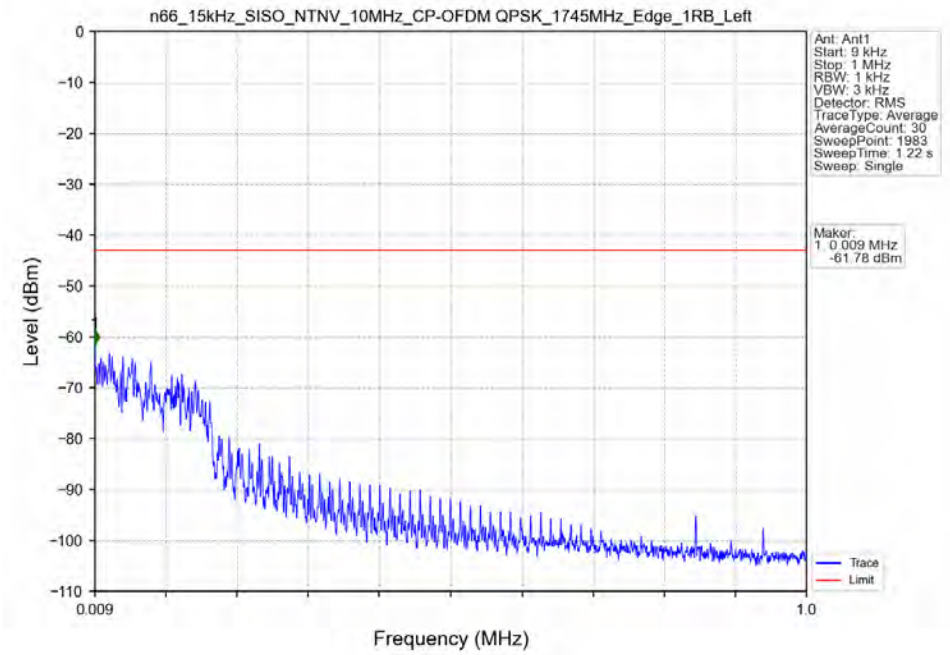

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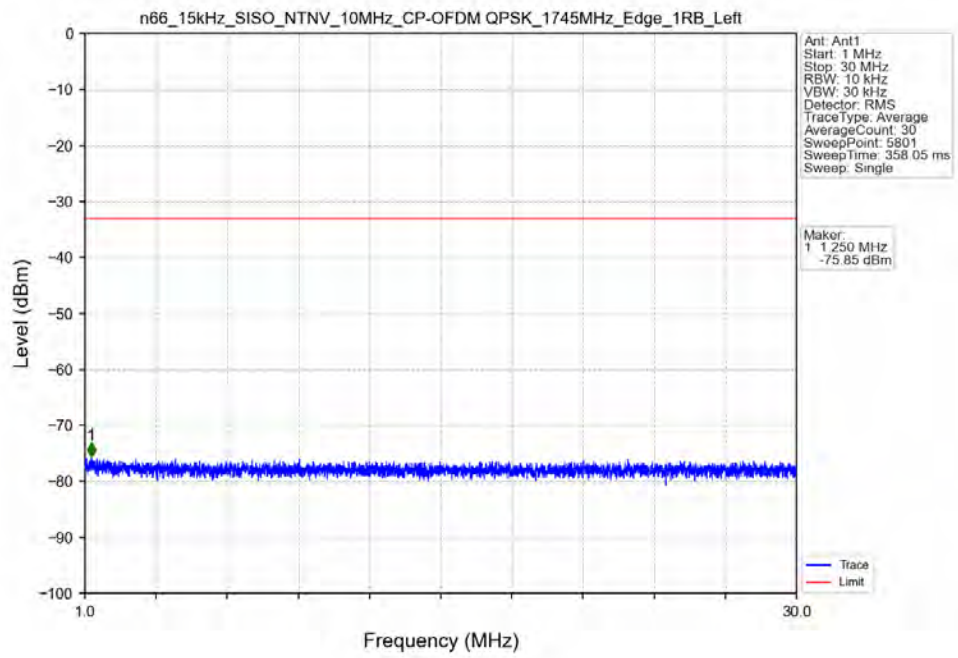

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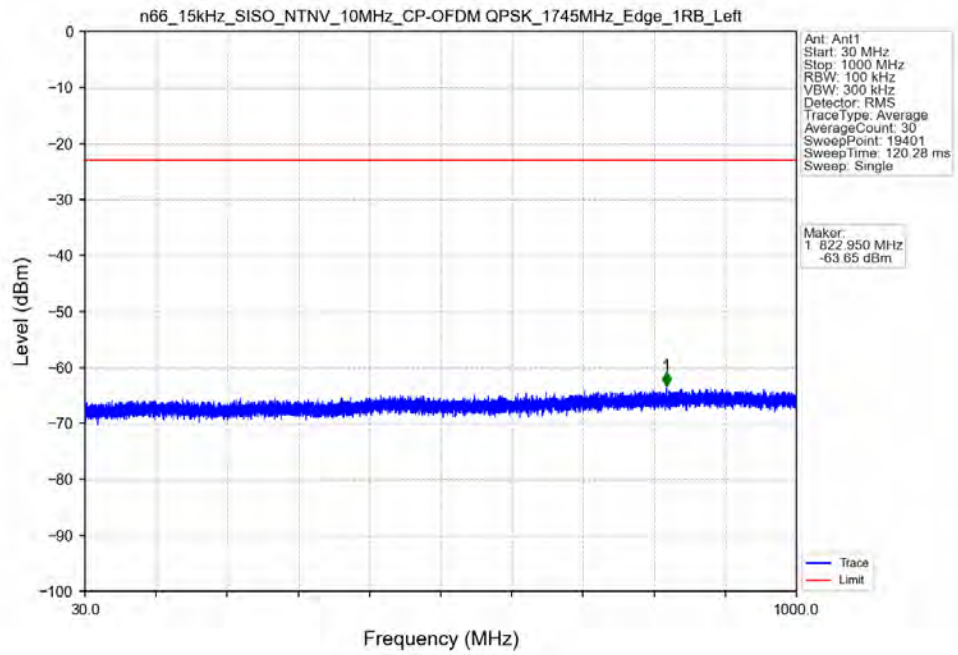

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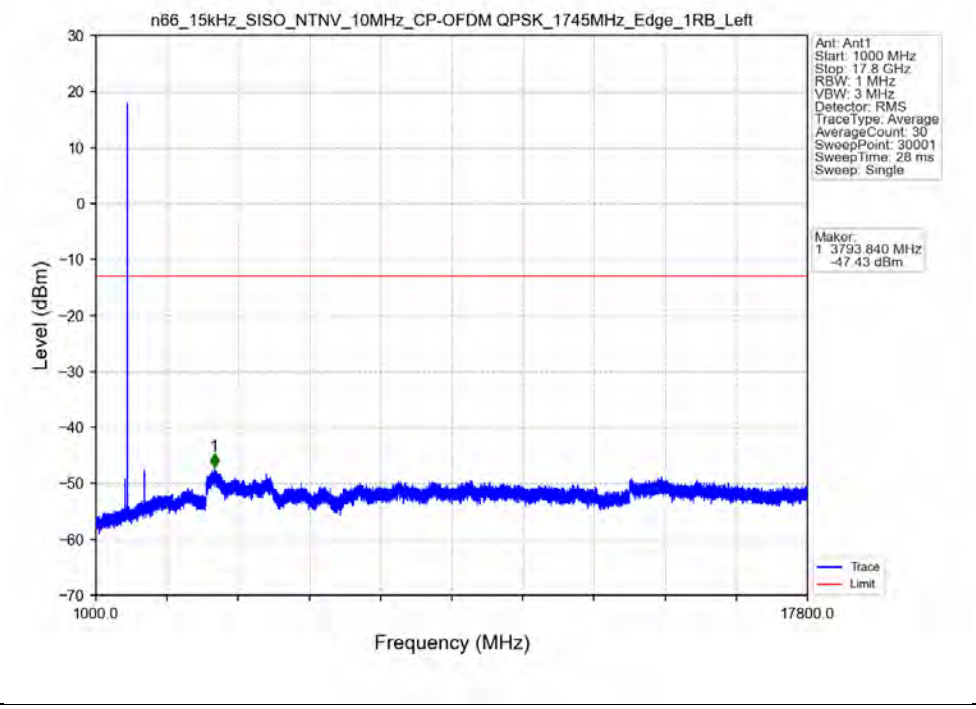

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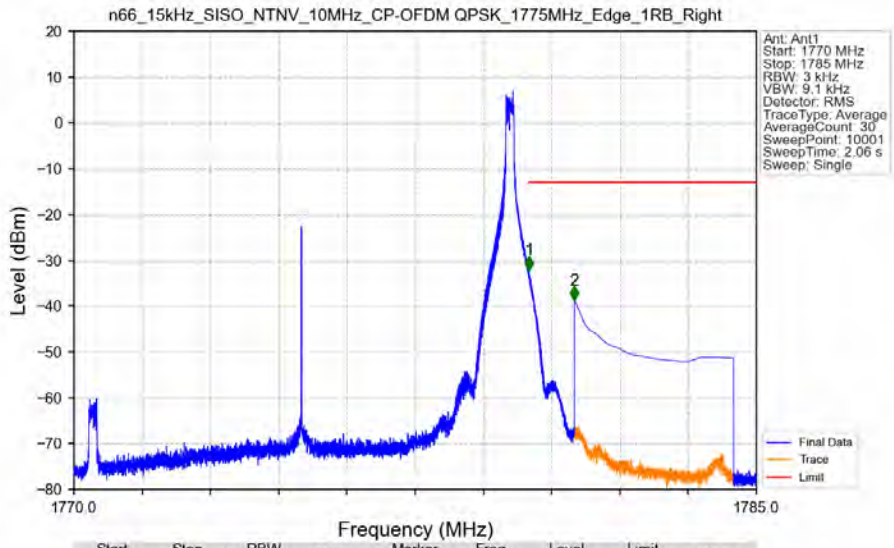

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.002	-32.14	-13	Pass
1781	1785	1	CHP	2	1781.001	-38.70	-13	Pass

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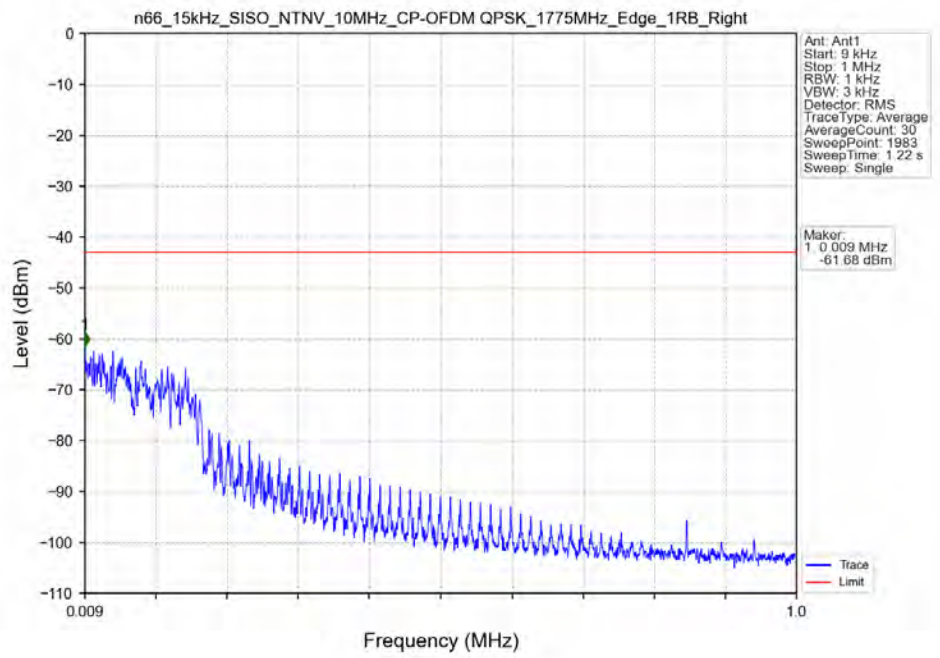

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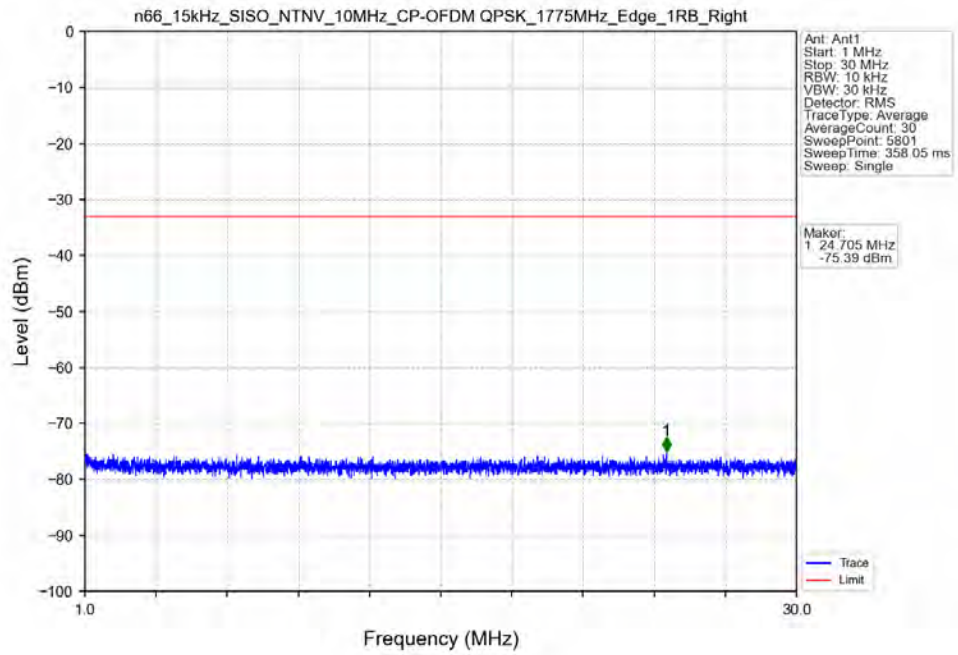

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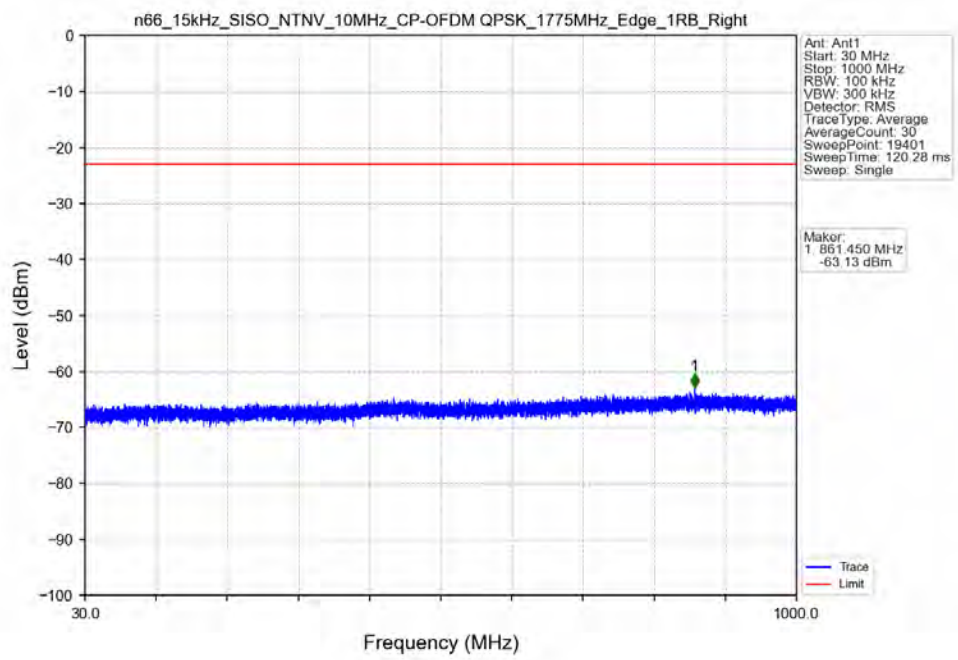

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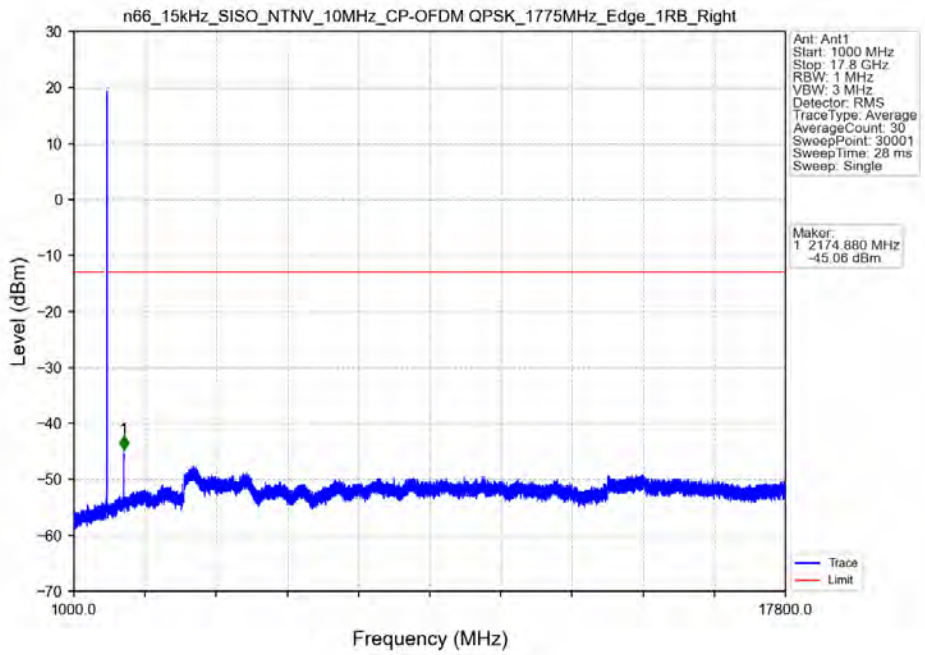

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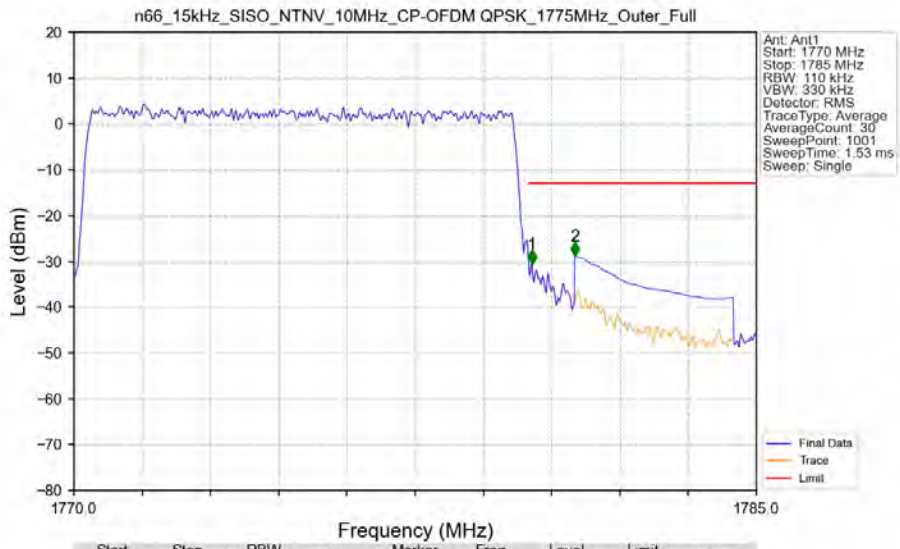
n66_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1775MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.11	/	/	/	/	/	/
1780	1781	0.11	/	1	1780.065	-30.58	-13	Pass
1781	1785	1	CHP	2	1781.010	-28.82	-13	Pass

n66_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1775MHz_Inner_1RB_Right

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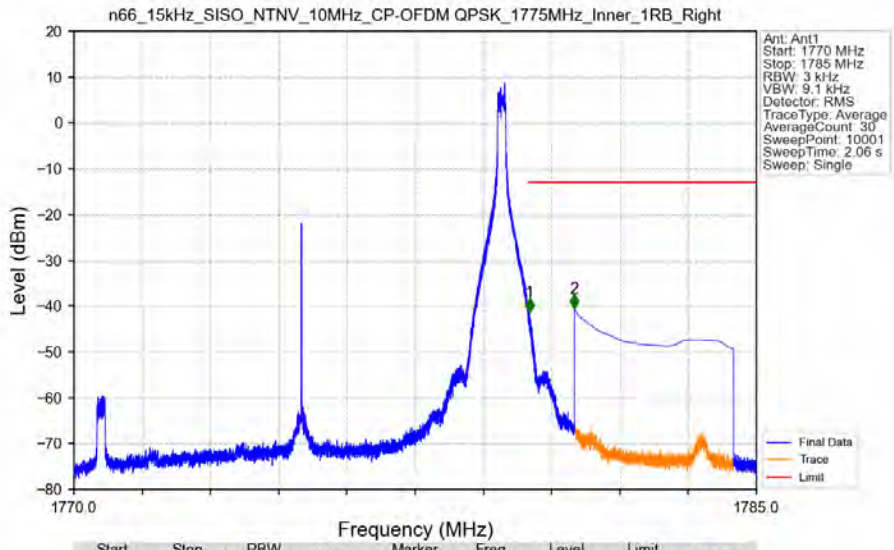

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.011	-41.33	-13	Pass
1781	1785	1	CHP	2	1781.001	-40.55	-13	Pass

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5.3 15k_SISO_15MHz_NTNV

5.3.1 Test Result

5G NR n66 SCS=15kHz SISO 15MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1717.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	1745	Edge_1RB_Left	Refer To Test Graph				Pass
	1772.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	1717.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	1745	Edge_1RB_Left	Refer To Test Graph				Pass
	1772.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
CP-OFDM QPSK	1717.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	1745	Edge_1RB_Left	Refer To Test Graph				Pass
	1772.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass

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5.3.2 Test Graph

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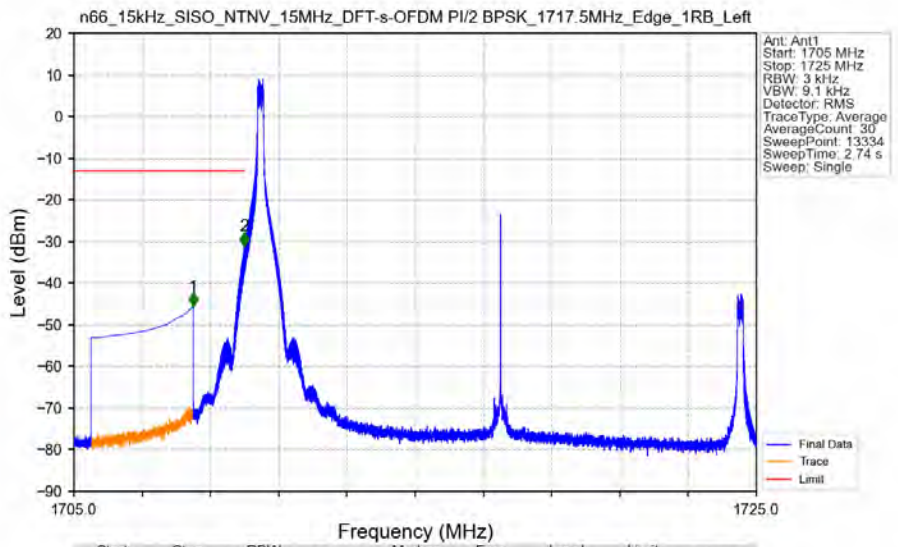

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-45.57	-13	Pass
1709	1710	0.003	/	2	1709.995	-31.14	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1717.5MHz_Edge_1RB_Left

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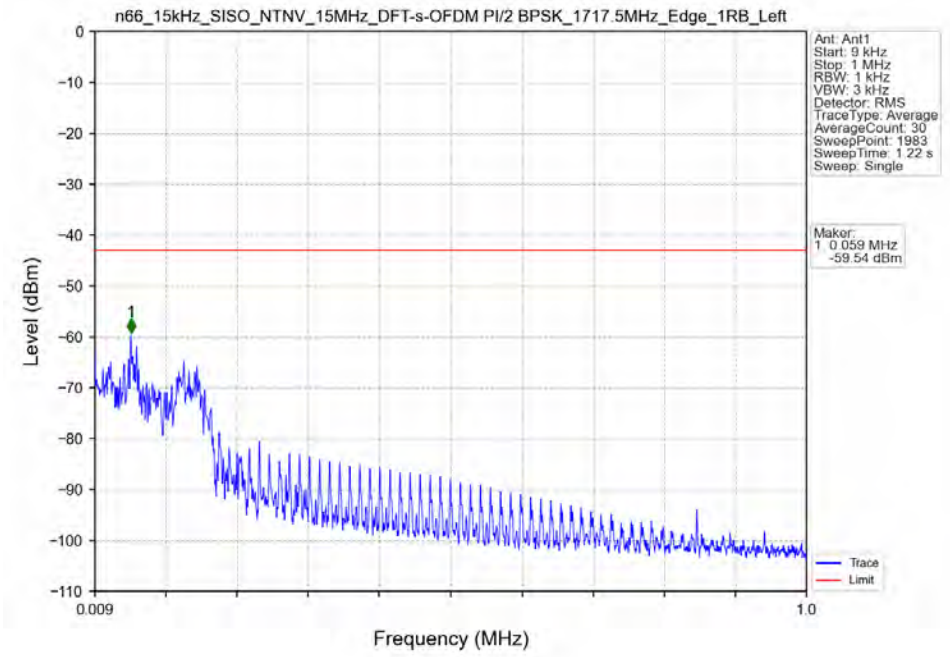

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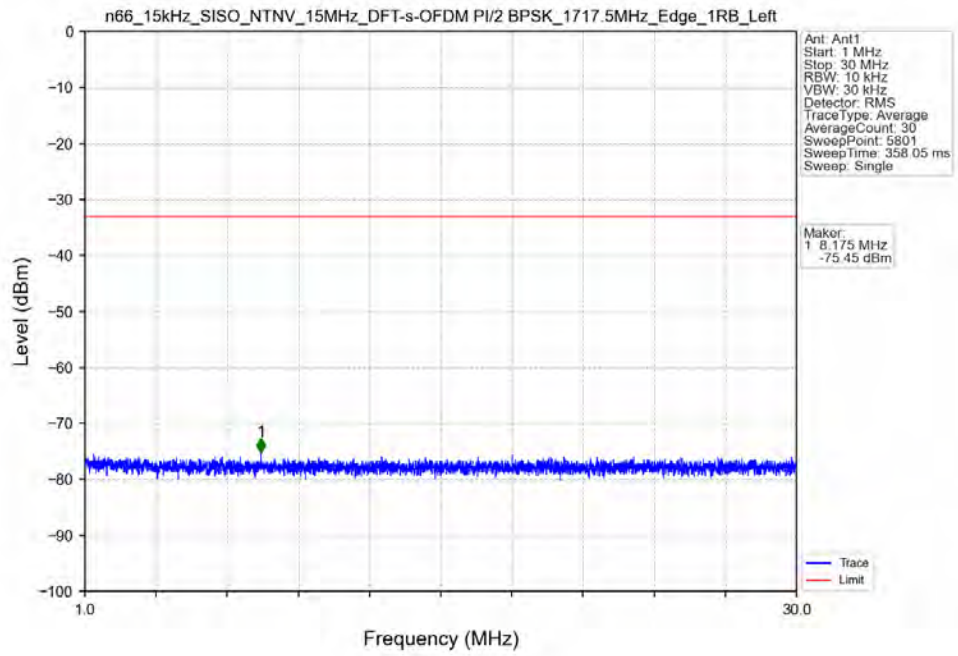

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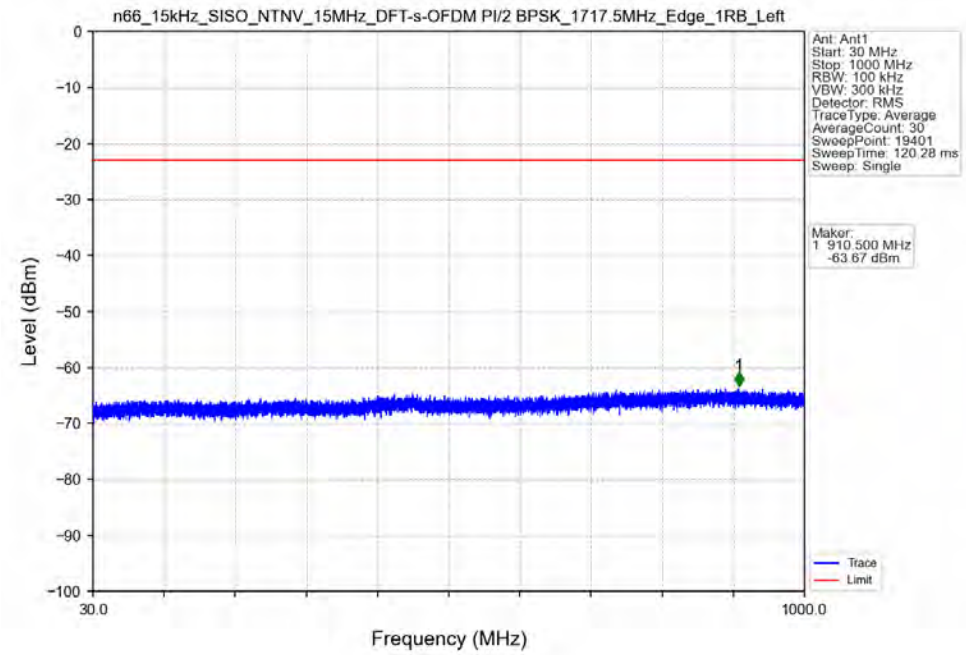

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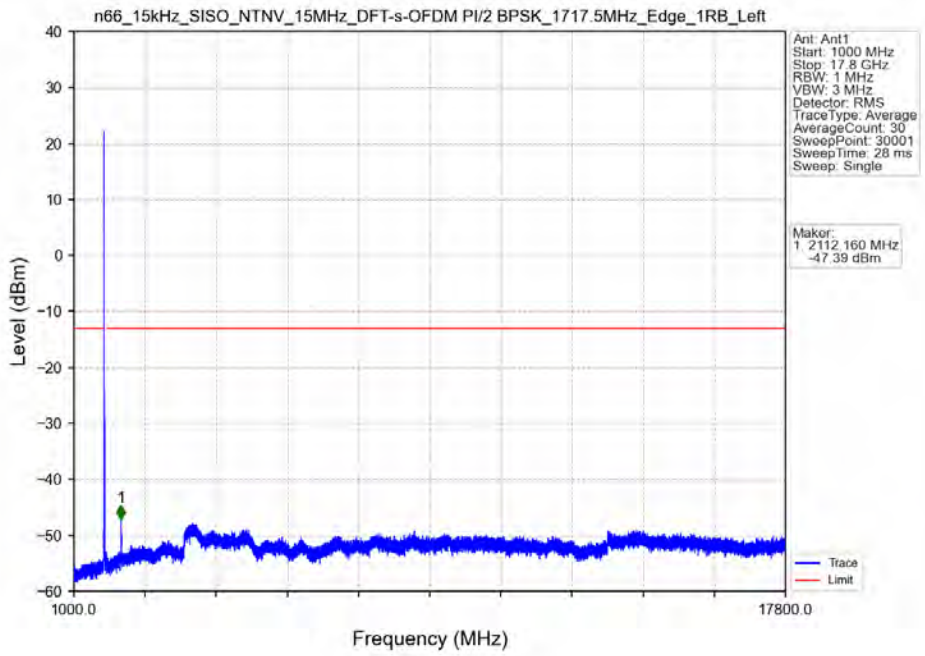

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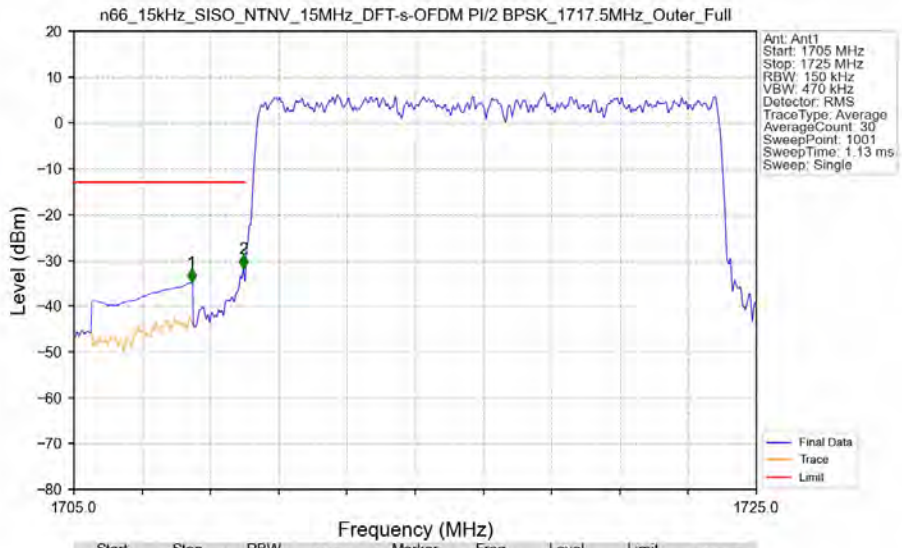

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.440	-34.90	-13	Pass
1709	1710	0.15	/	2	1709.960	-31.91	-13	Pass
1710	1725	0.15	/	/	/	/	/	/

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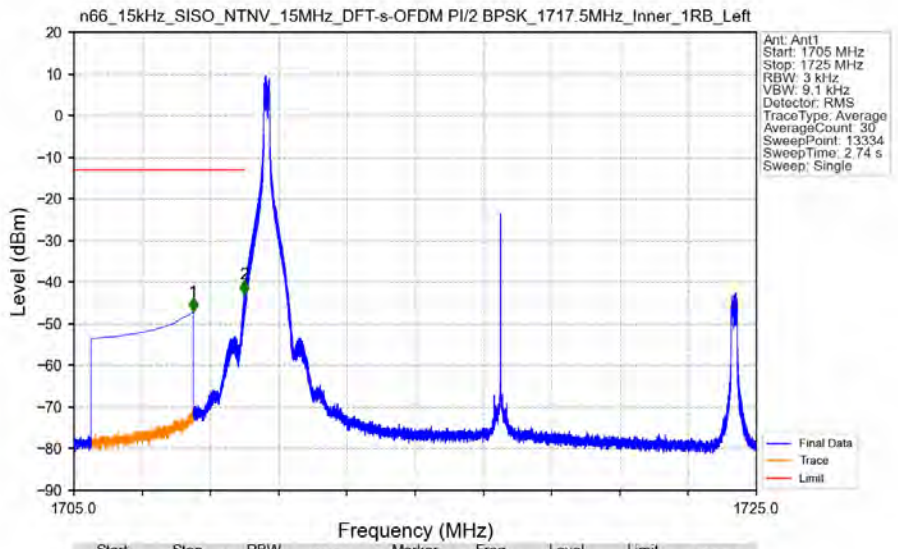

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-47.09	-13	Pass
1709	1710	0.003	/	2	1709.991	-42.95	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

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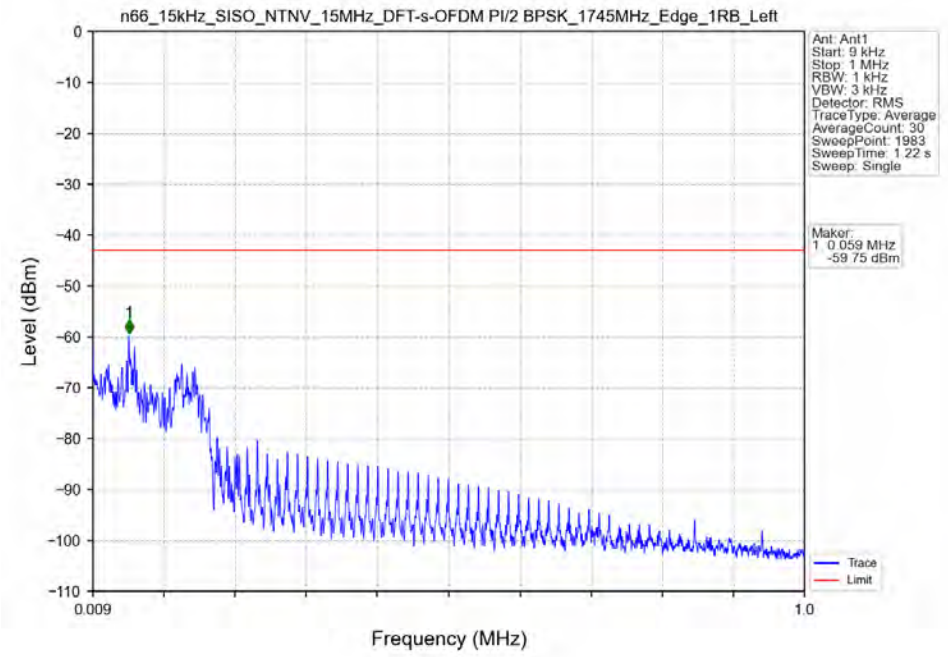

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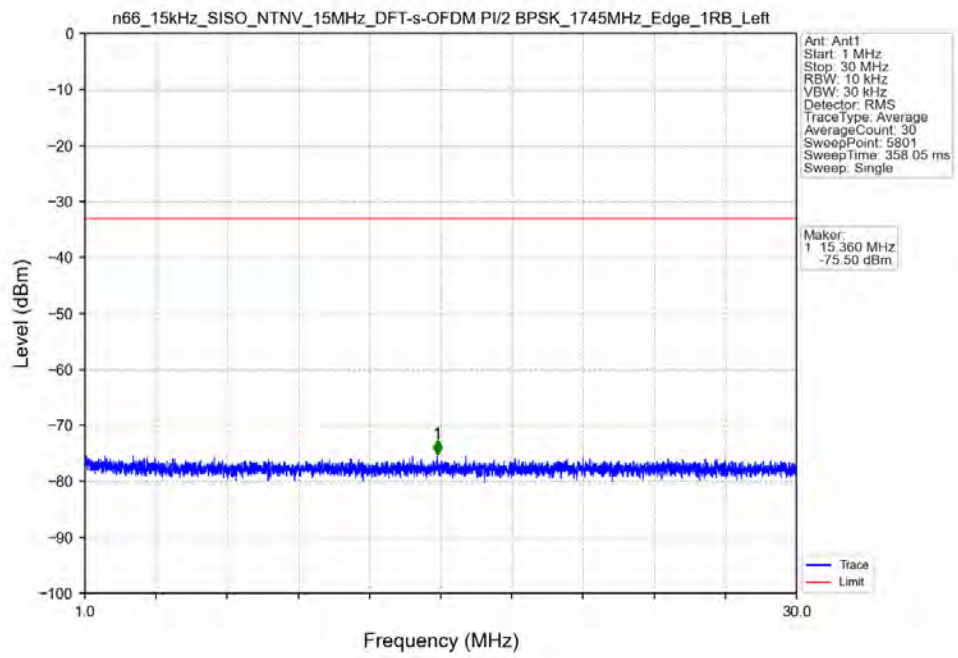
n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1745MHz_Edge_1RB_Left



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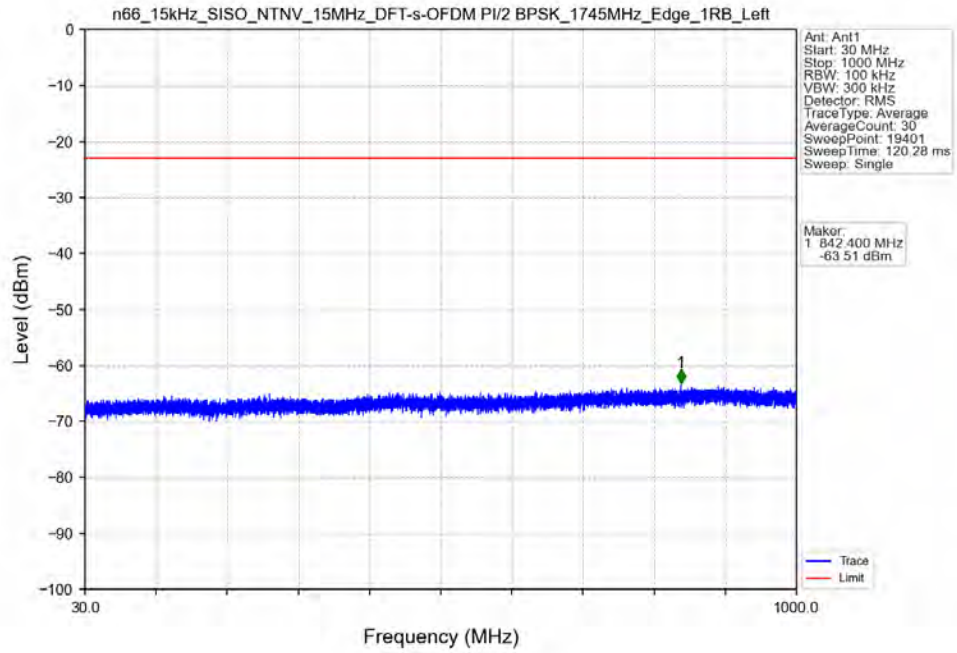

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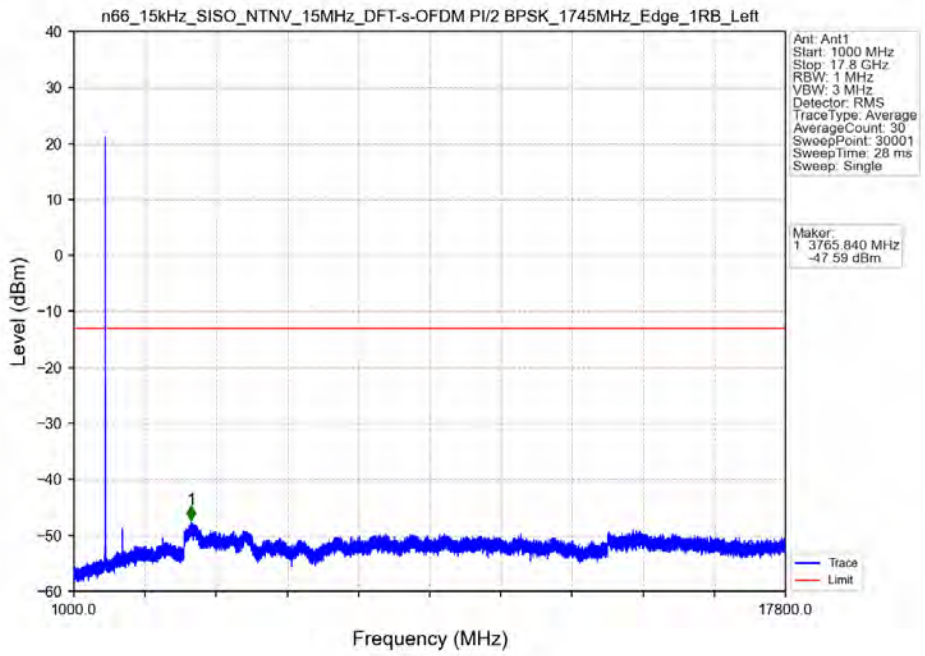

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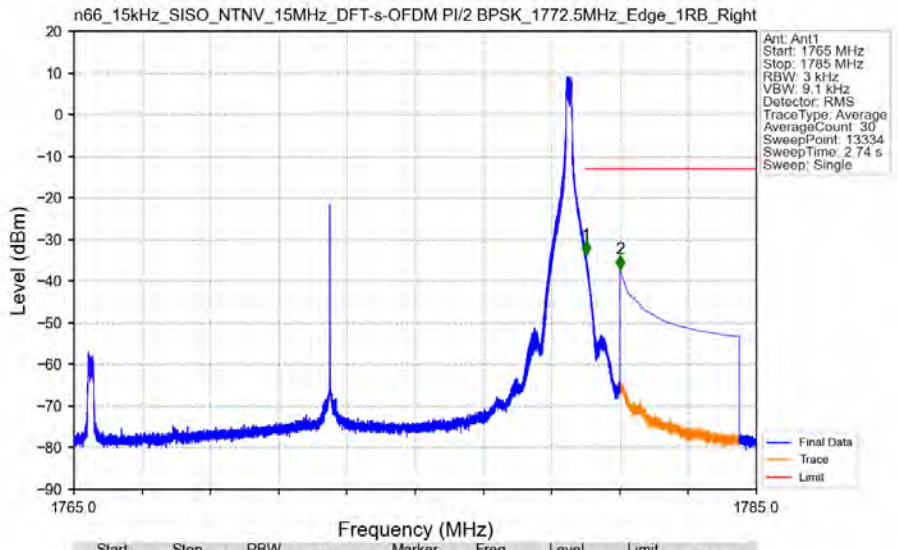

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.012	-33.81	-13	Pass
1781	1785	1	CHP	2	1781.001	-37.14	-13	Pass

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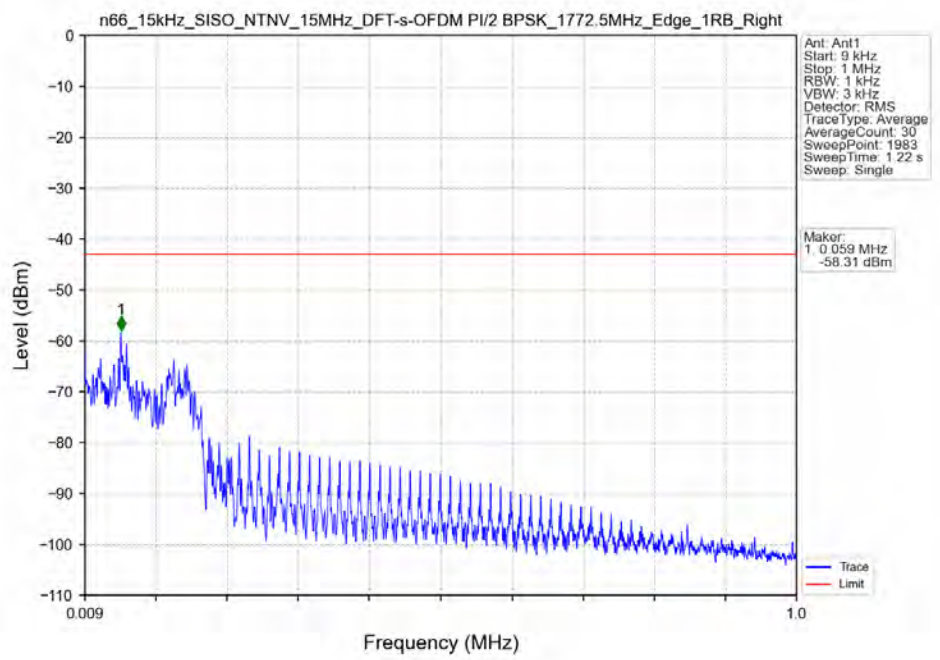

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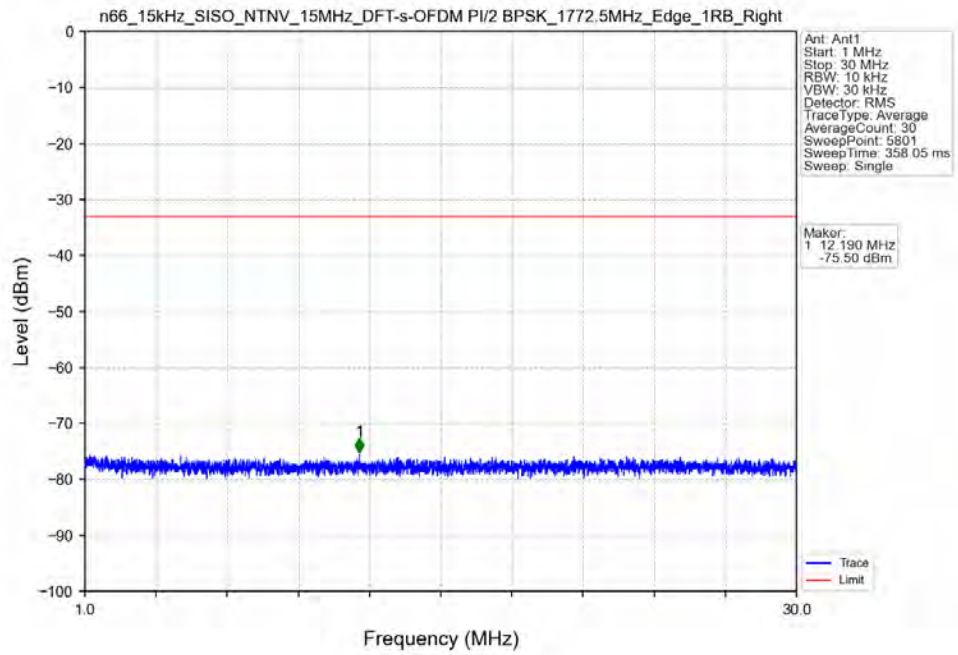

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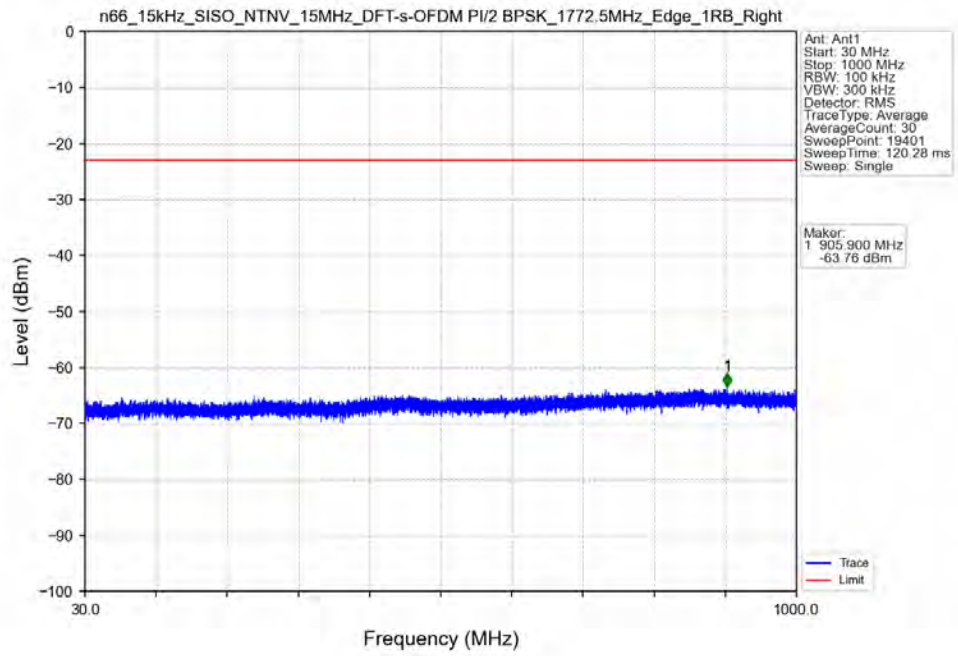

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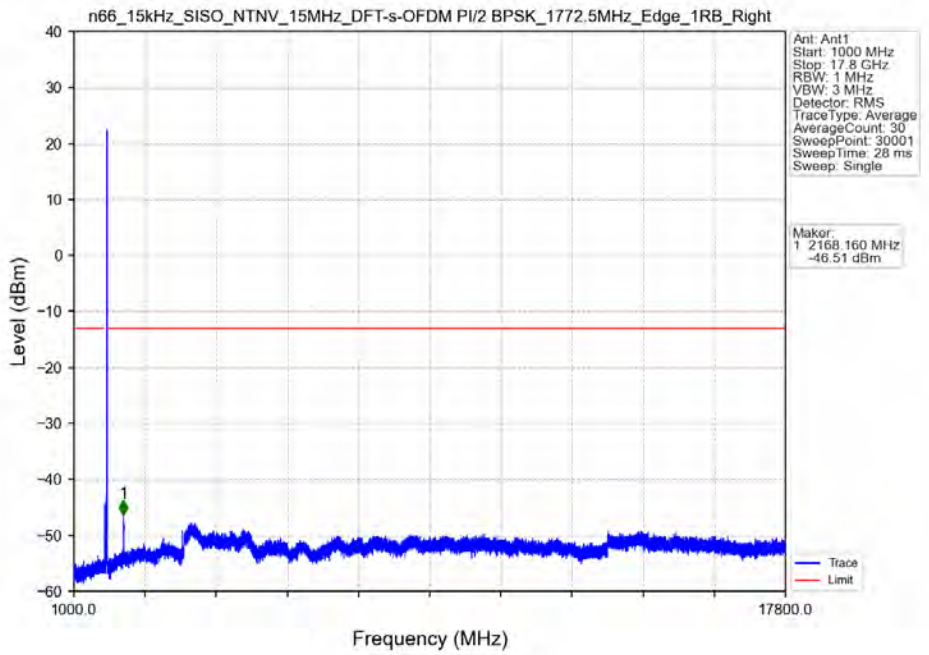

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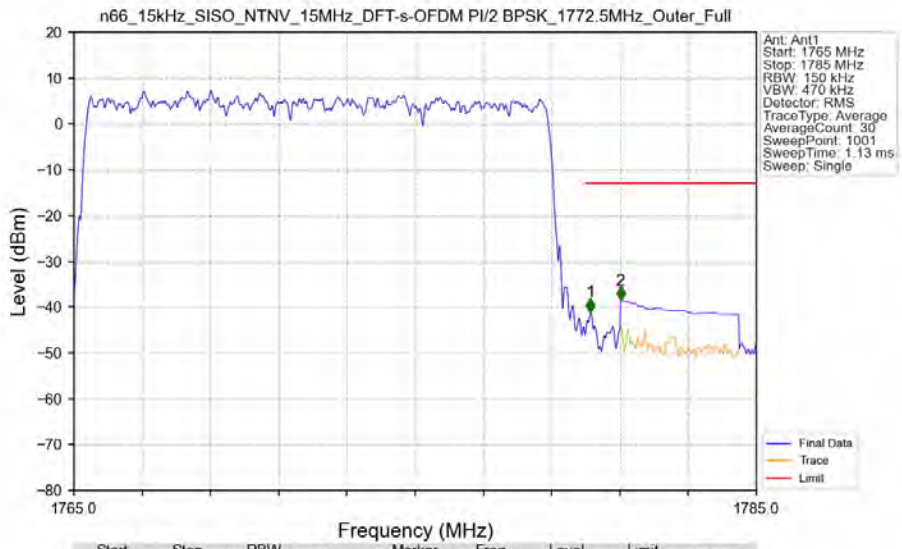

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.15	/	/	/	/	/	/
1780	1781	0.15	/	1	1780.140	-41.11	-13	Pass
1781	1785	1	CHP	2	1781.020	-38.53	-13	Pass

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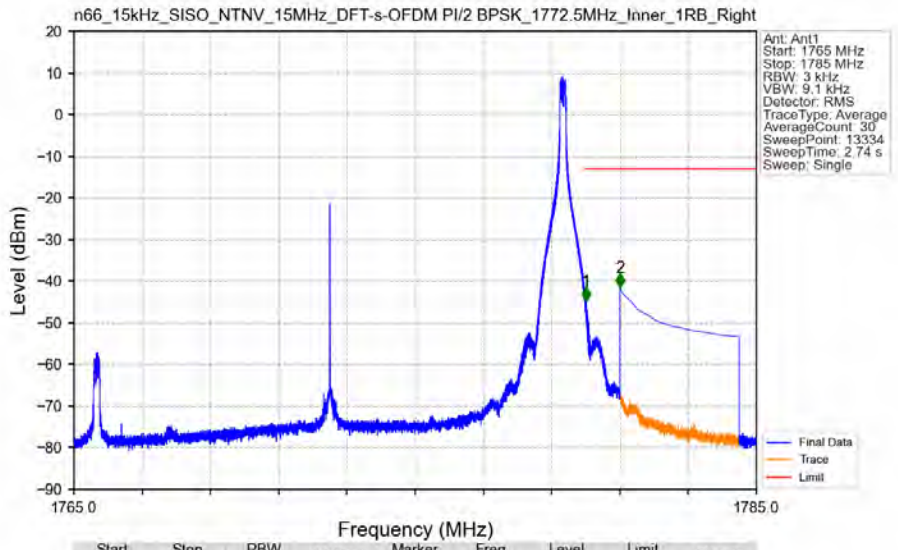

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.009	-44.74	-13	Pass
1781	1785	1	CHP	2	1781.001	-41.47	-13	Pass

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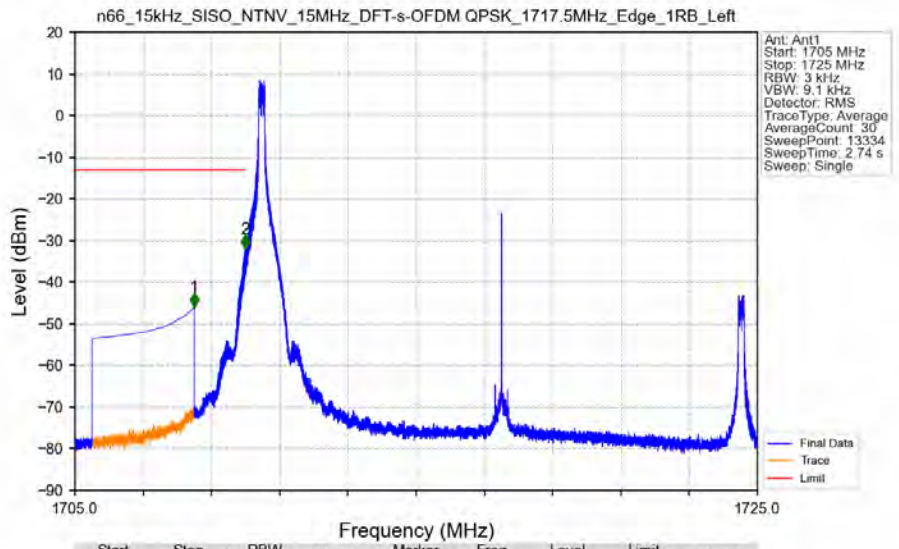

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-45.99	-13	Pass
1709	1710	0.003	/	2	1709.994	-31.93	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

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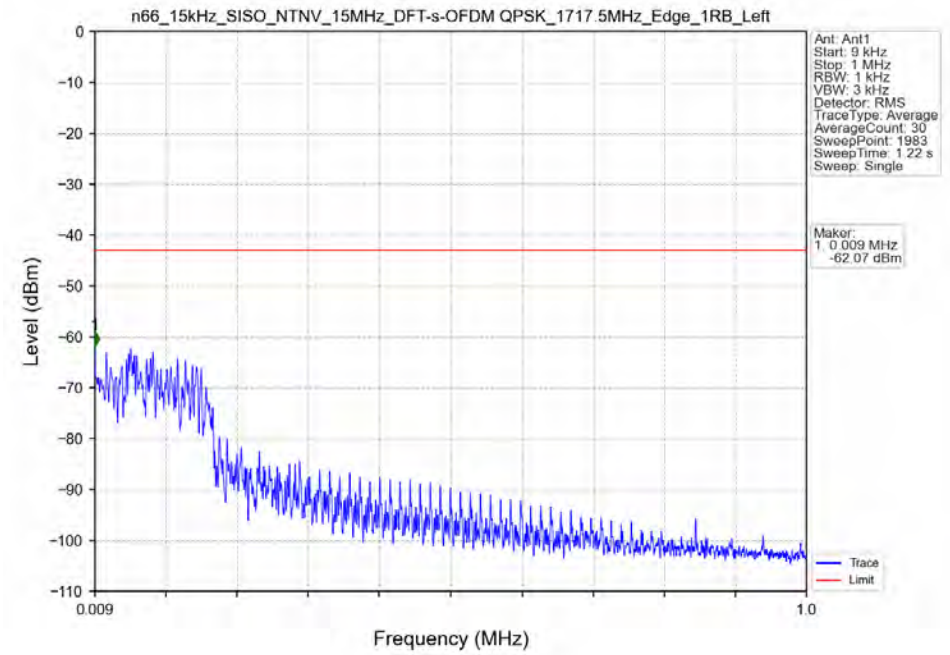

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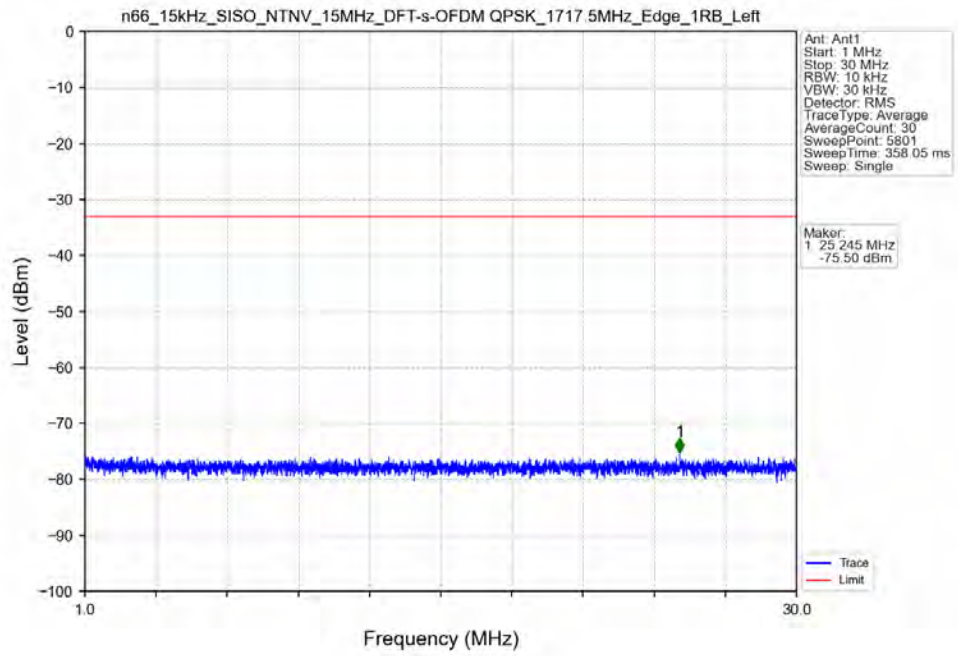
n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1717.5MHz_Edge_1RB_Left



n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1717.5MHz_Edge_1RB_Left

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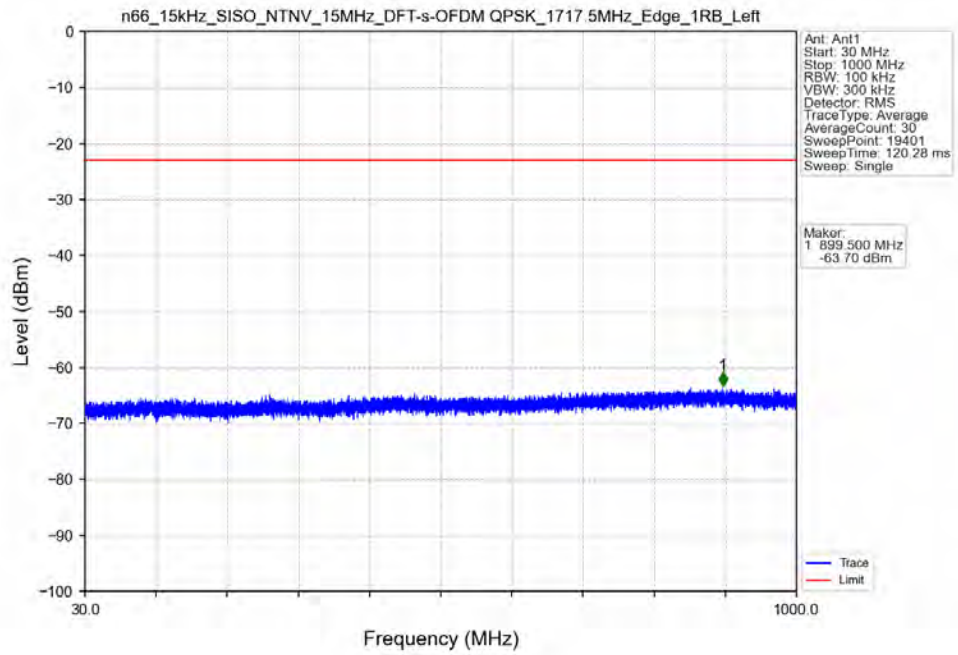

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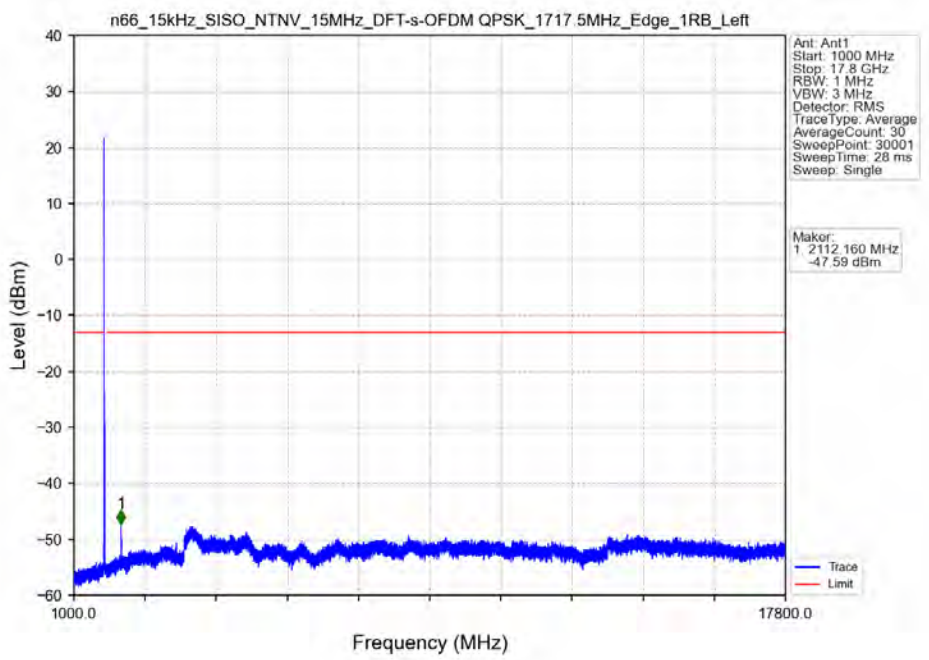

n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1717.5MHz_Outer_Full

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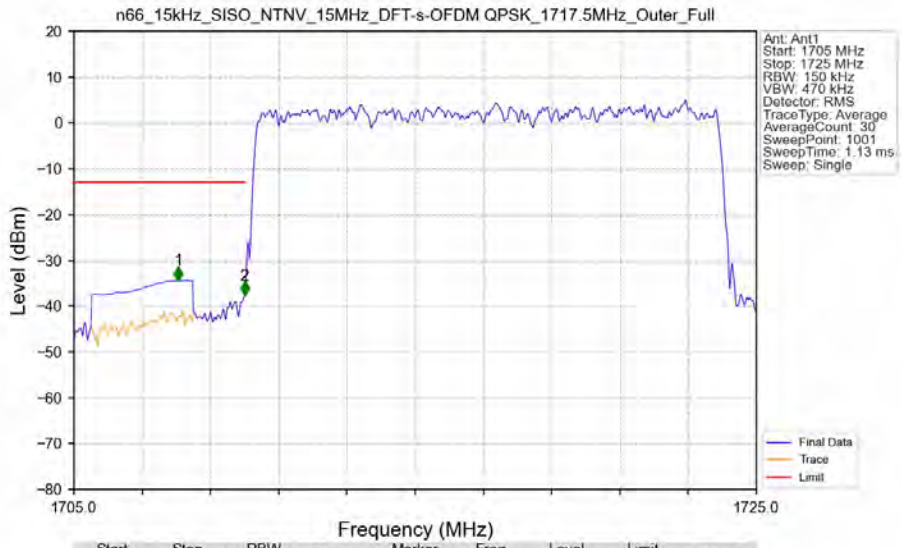

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.060	-34.44	-13	Pass
1709	1710	0.15	/	2	1710.000	-37.69	-13	Pass
1710	1725	0.15	/	/	/	/	/	/

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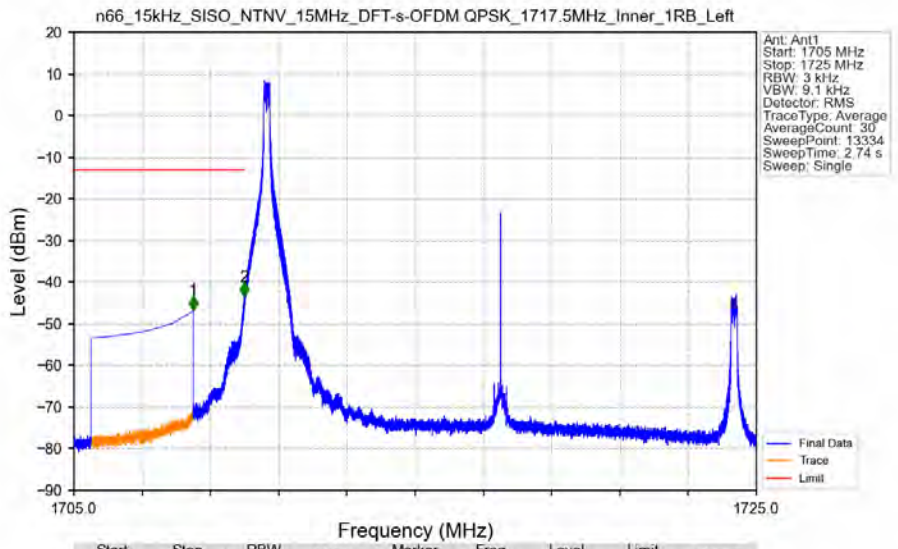

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-46.78	-13	Pass
1709	1710	0.003	/	2	1709.992	-43.50	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1745MHz_Edge_1RB_Left

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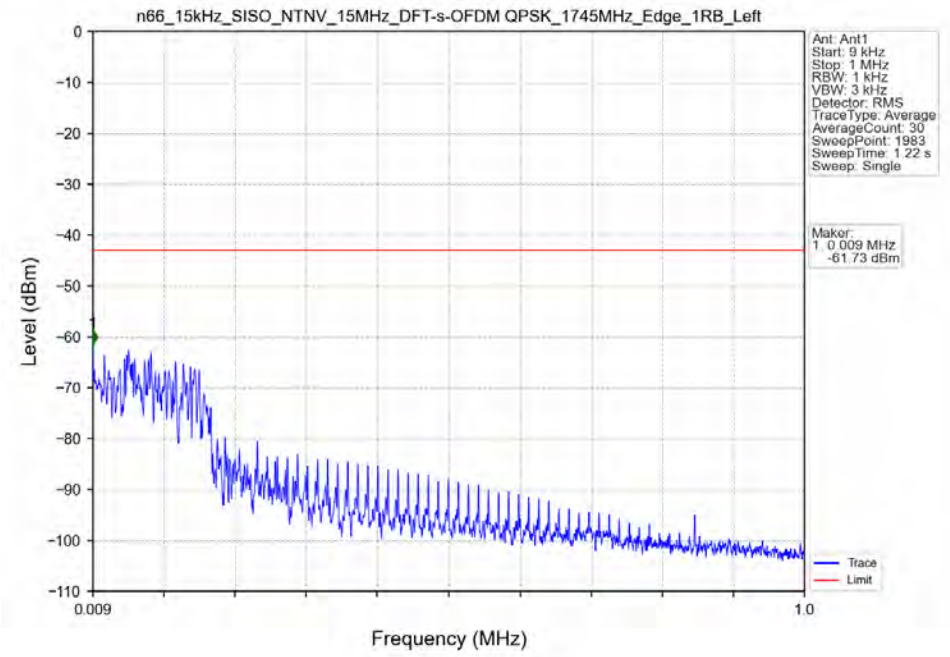

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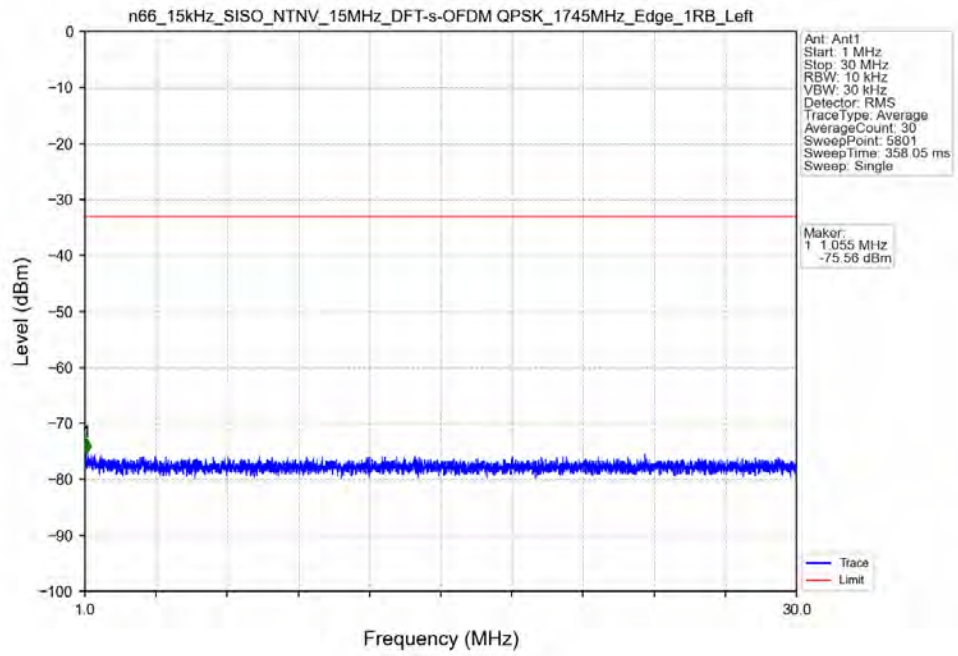
n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1745MHz_Edge_1RB_Left



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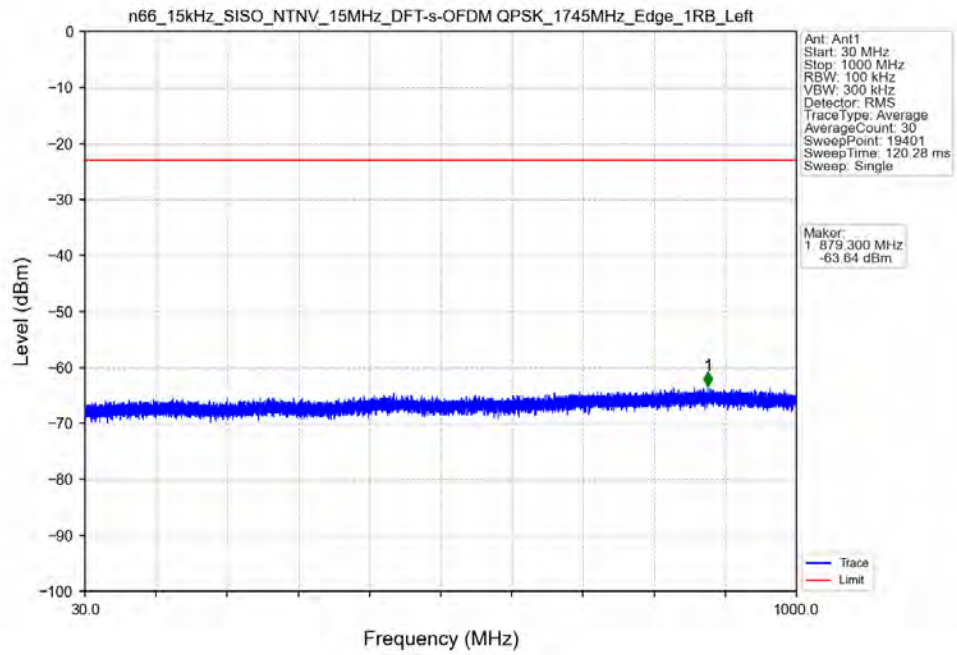

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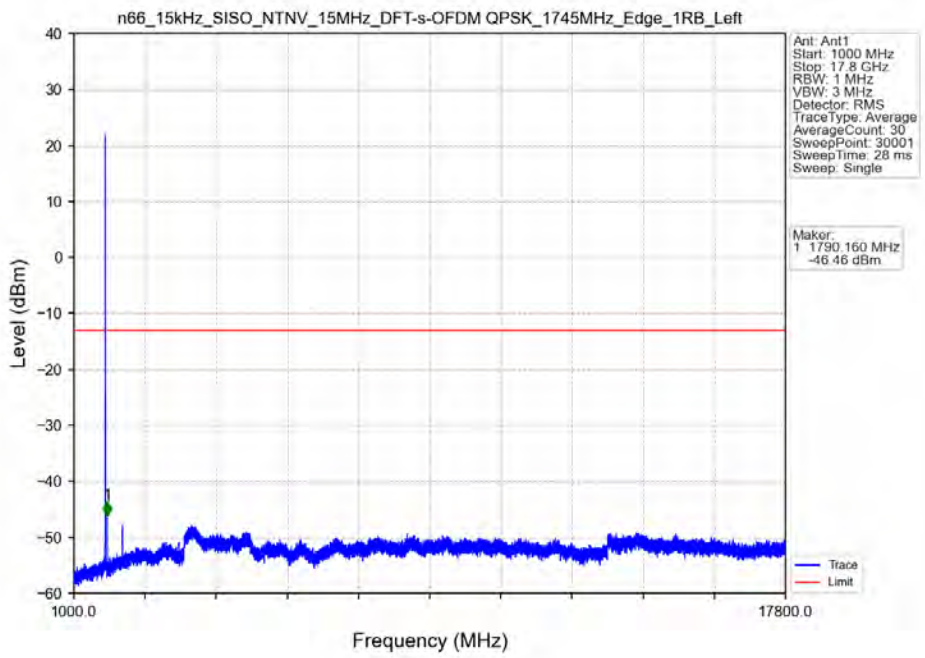

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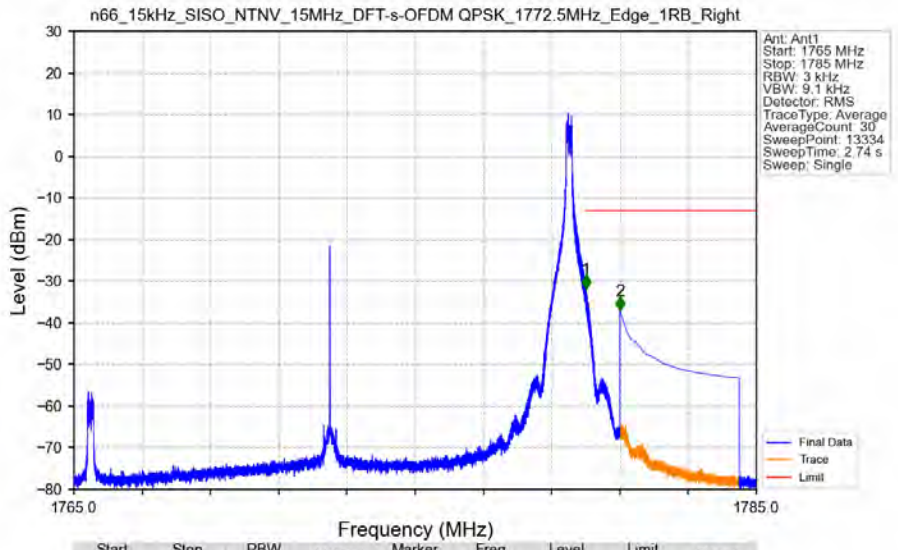

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.005	-31.89	-13	Pass
1781	1785	1	CHP	2	1781.001	-37.14	-13	Pass

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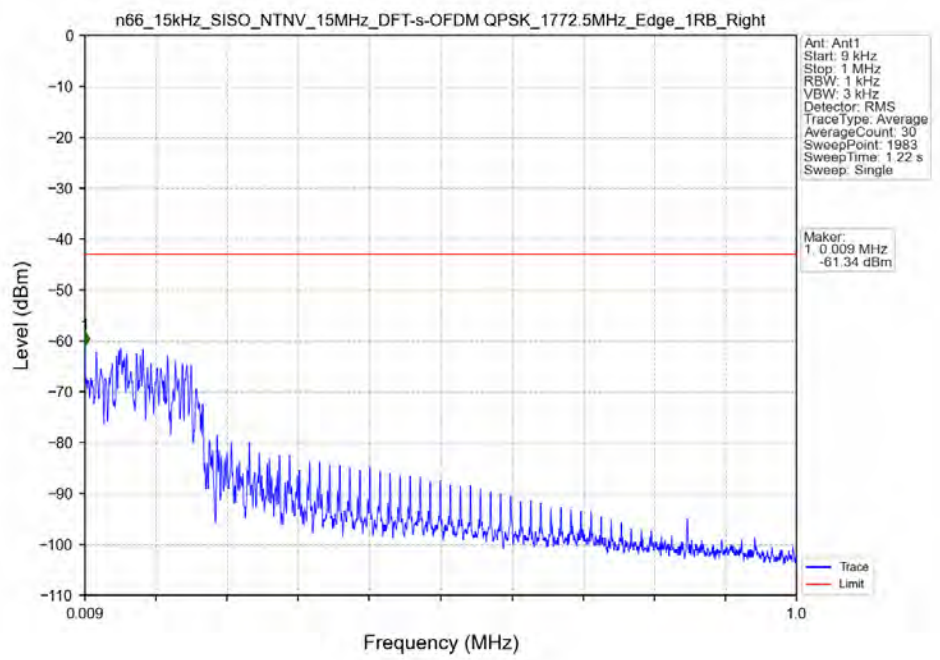

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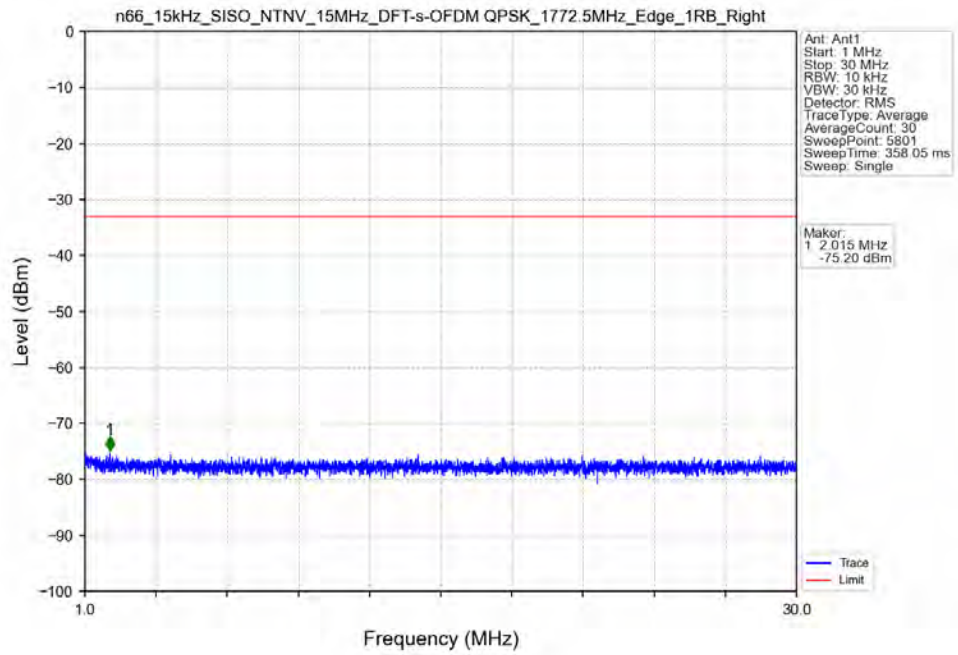

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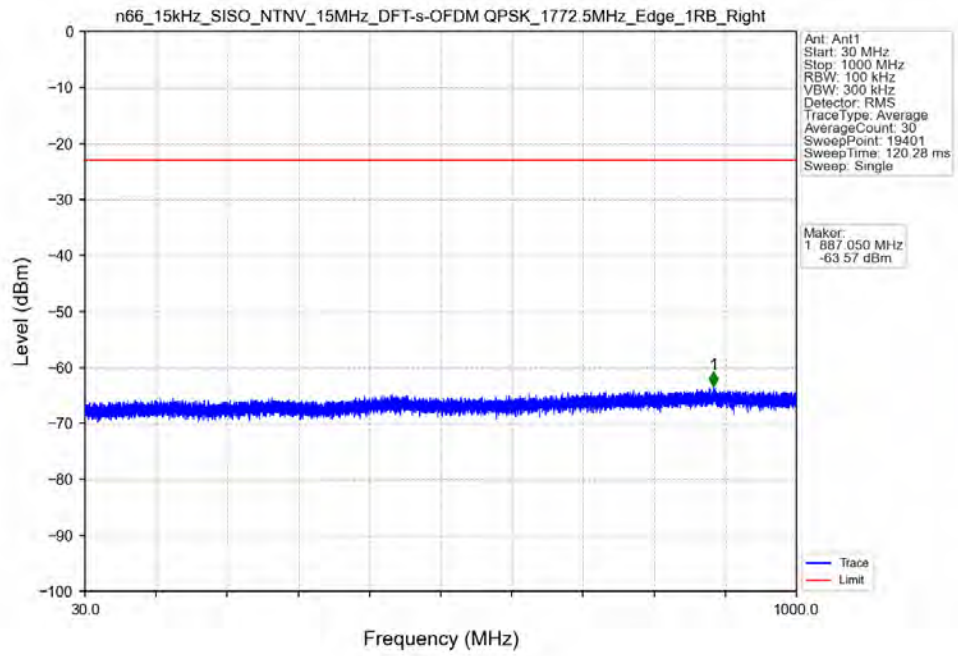
n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1772.5MHz_Edge_1RB_Right



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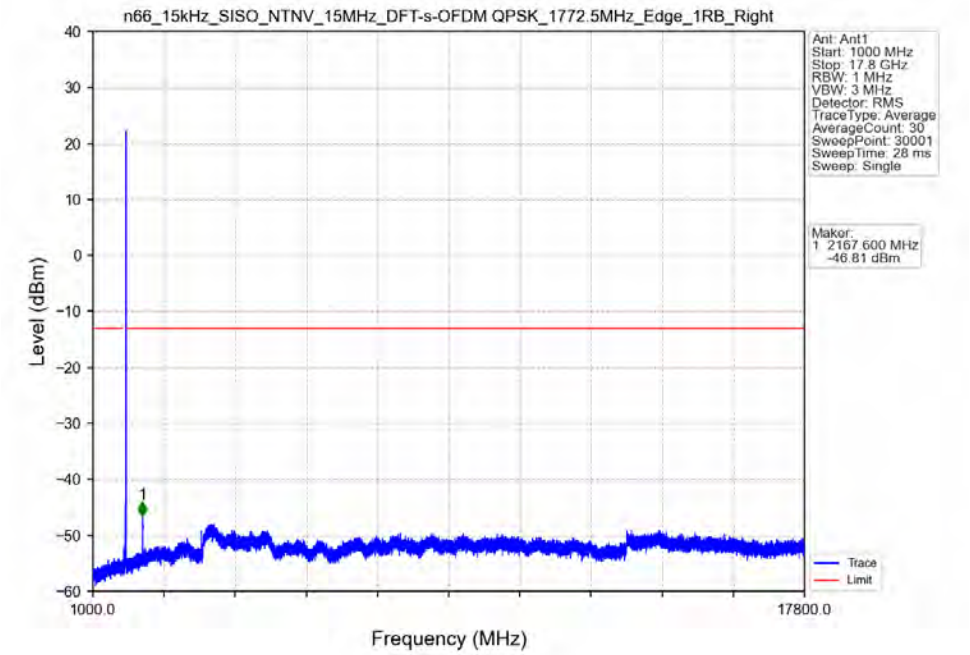

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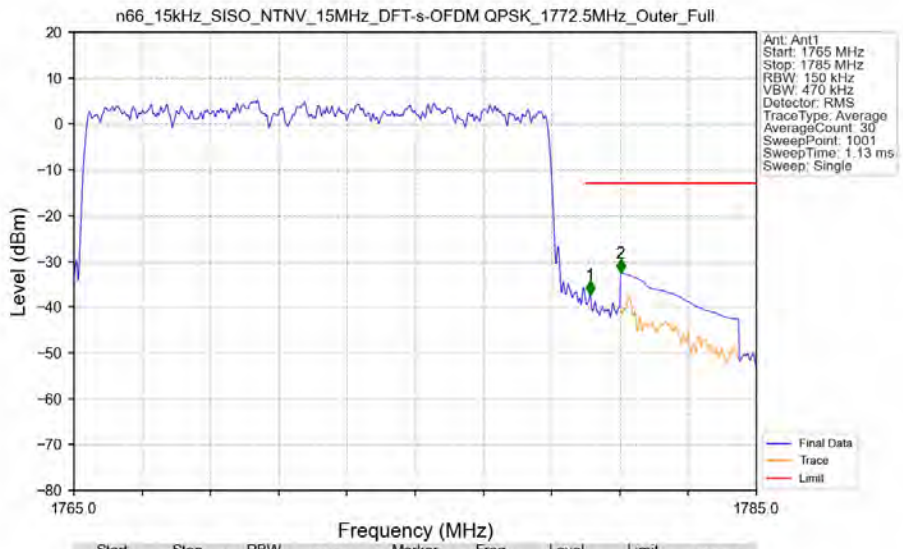

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.15	/	/	/	/	/	/
1780	1781	0.15	/	1	1780.120	-37.32	-13	Pass
1781	1785	1	CHP	2	1781.020	-32.53	-13	Pass

n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1772.5MHz_Inner_1RB_Right

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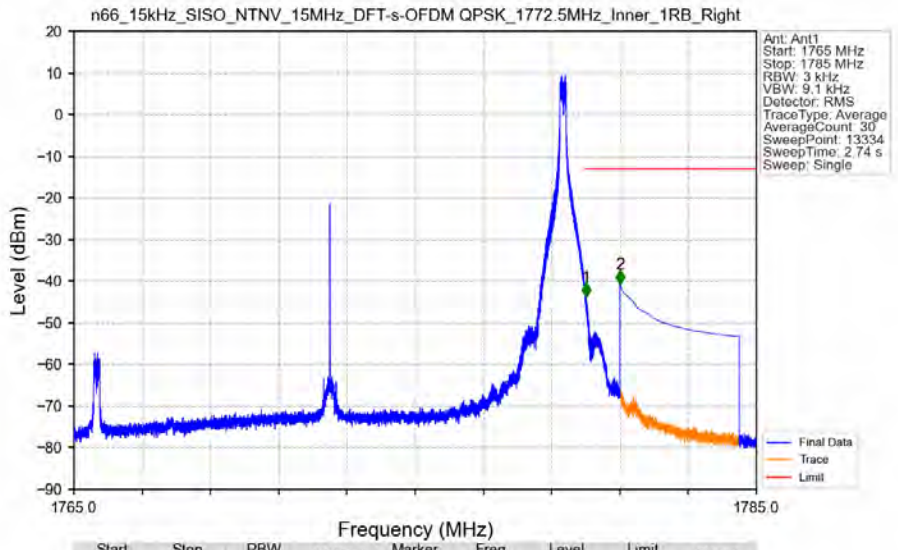

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.005	-43.85	-13	Pass
1781	1785	1	CHP	2	1781.001	-40.74	-13	Pass

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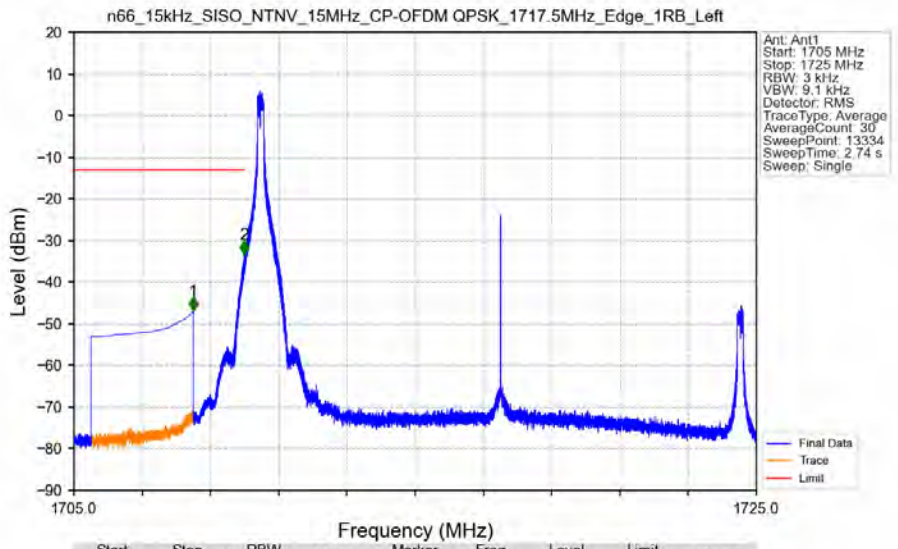

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-47.02	-13	Pass
1709	1710	0.003	/	2	1709.994	-33.43	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

n66_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1717.5MHz_Edge_1RB_Left

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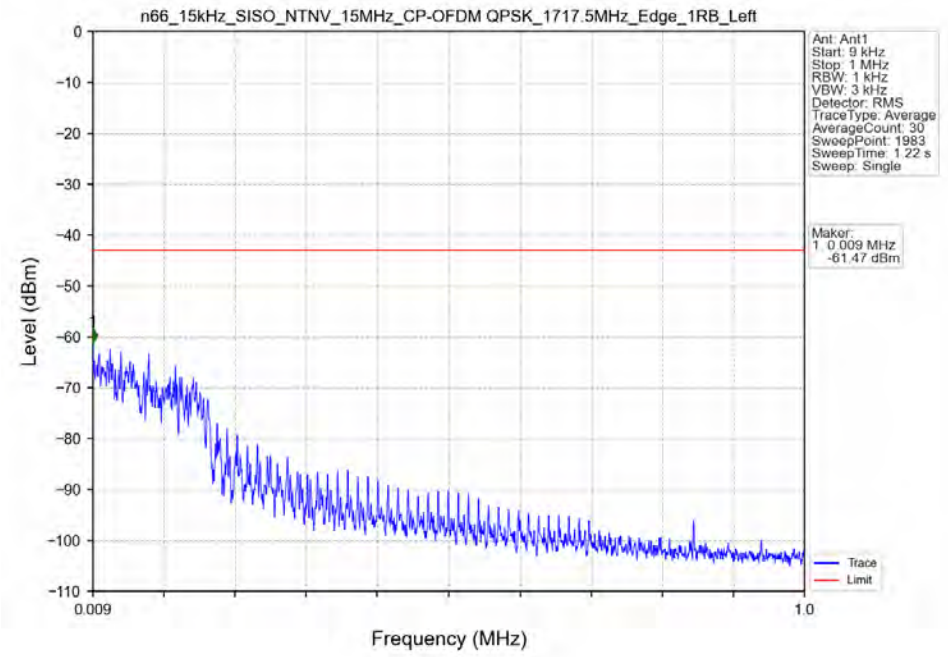

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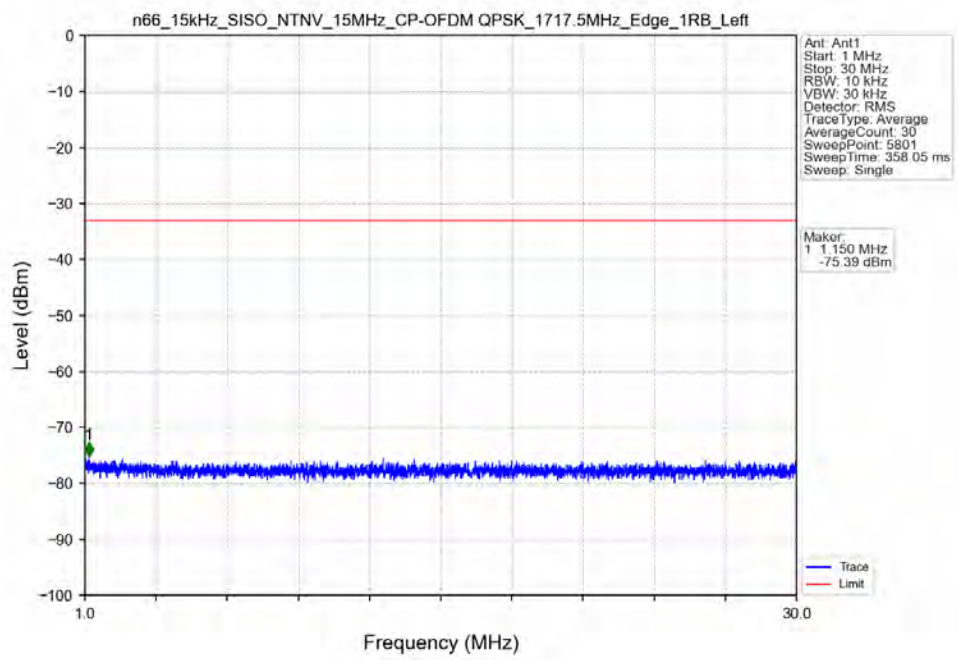

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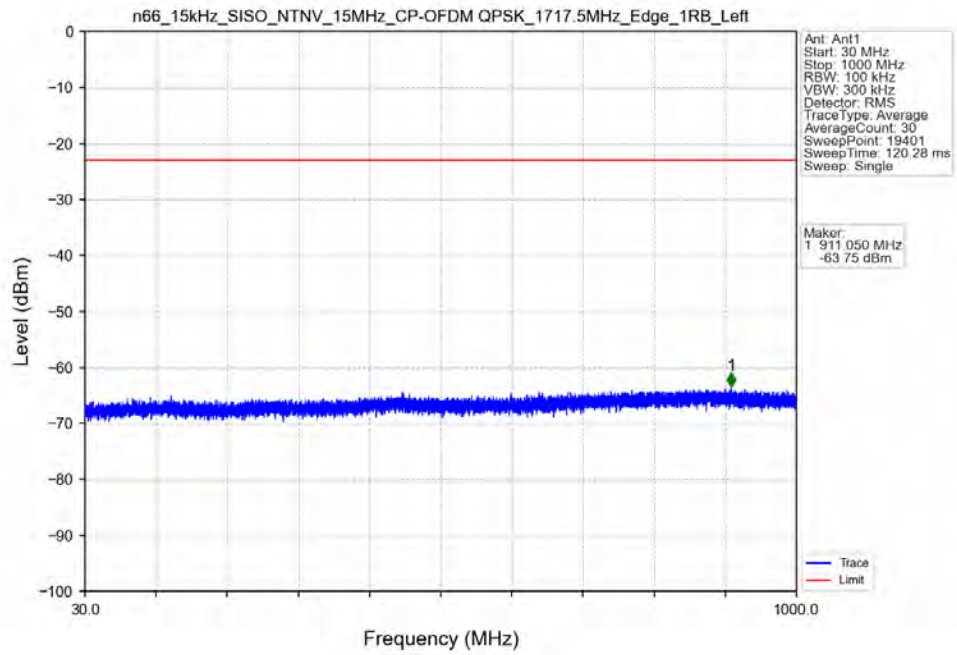

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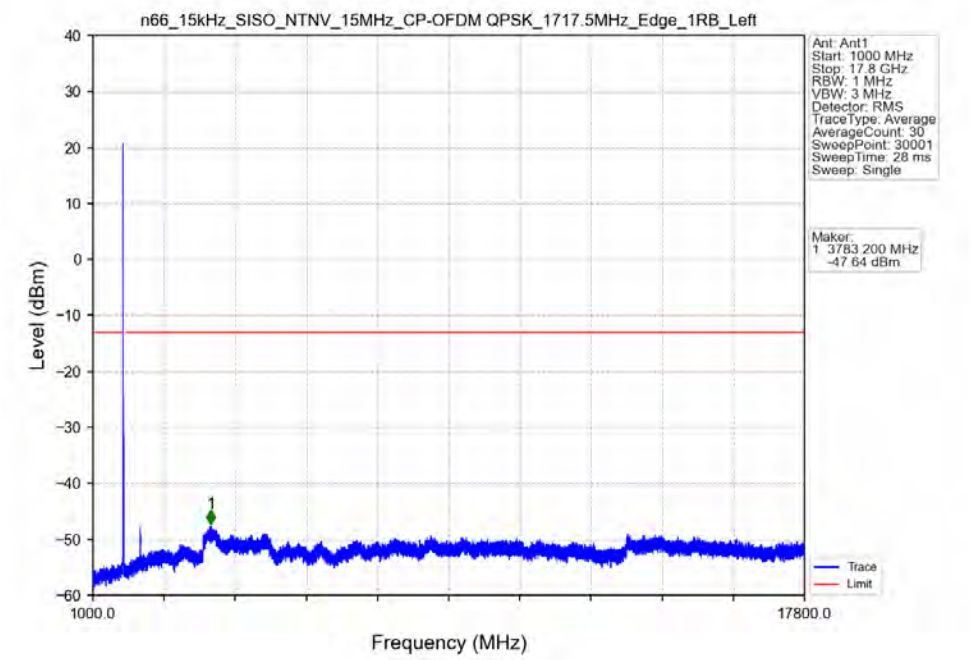

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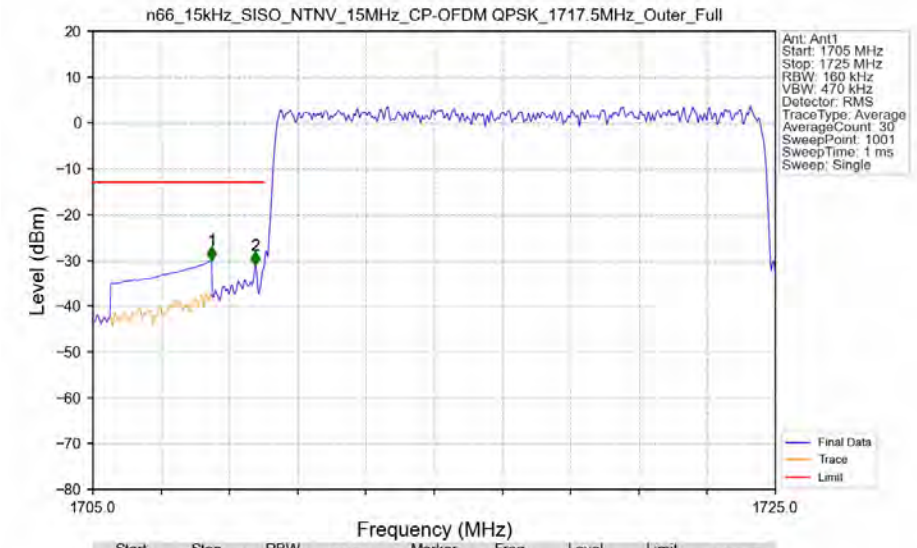

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.480	-30.10	-13	Pass
1709	1710	0.16	/	2	1709.760	-31.13	-13	Pass
1710	1725	0.16	/	/	/	/	/	/

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