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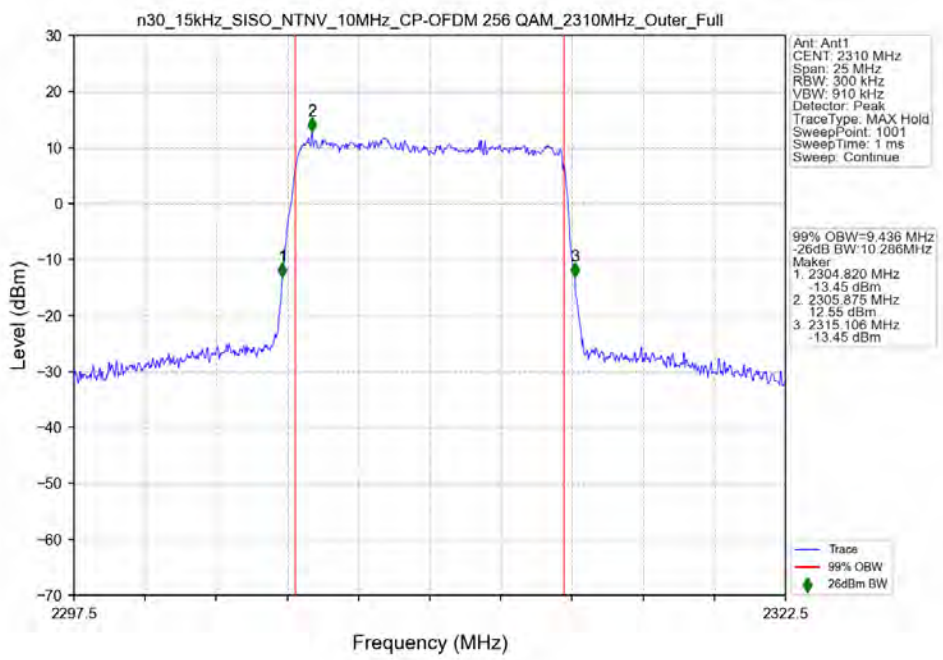
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_2310MHz_Outer_Full



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4. Peak-Average Ratio

4.1 15k_SISO_5MHz_NTNV

4.1.1 Test Result

5G NR n30 SCS=15kHz SISO 5MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2307.5	Outer_Full	4.01	/	/	<=13	Pass
	2310	Outer_Full	4.00	/	/	<=13	Pass
	2312.5	Outer_Full	3.97	/	/	<=13	Pass
DFT-s-OFDM QPSK	2307.5	Outer_Full	5.07	/	/	<=13	Pass
	2310	Outer_Full	4.95	/	/	<=13	Pass
	2312.5	Outer_Full	4.67	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2307.5	Outer_Full	5.50	/	/	<=13	Pass
	2310	Outer_Full	6.10	/	/	<=13	Pass
	2312.5	Outer_Full	5.92	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2307.5	Outer_Full	6.01	/	/	<=13	Pass
	2310	Outer_Full	6.04	/	/	<=13	Pass
	2312.5	Outer_Full	6.37	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2307.5	Outer_Full	6.62	/	/	<=13	Pass
	2310	Outer_Full	6.45	/	/	<=13	Pass
	2312.5	Outer_Full	6.45	/	/	<=13	Pass
CP-OFDM QPSK	2307.5	Outer_Full	6.59	/	/	<=13	Pass
	2310	Outer_Full	6.49	/	/	<=13	Pass
	2312.5	Outer_Full	6.27	/	/	<=13	Pass
CP-OFDM 16 QAM	2307.5	Outer_Full	6.82	/	/	<=13	Pass
	2310	Outer_Full	6.74	/	/	<=13	Pass
	2312.5	Outer_Full	7.25	/	/	<=13	Pass
CP-OFDM 64 QAM	2307.5	Outer_Full	7.39	/	/	<=13	Pass
	2310	Outer_Full	7.31	/	/	<=13	Pass
	2312.5	Outer_Full	7.84	/	/	<=13	Pass
CP-OFDM 256 QAM	2307.5	Outer_Full	8.49	/	/	<=13	Pass
	2310	Outer_Full	8.51	/	/	<=13	Pass
	2312.5	Outer_Full	8.53	/	/	<=13	Pass

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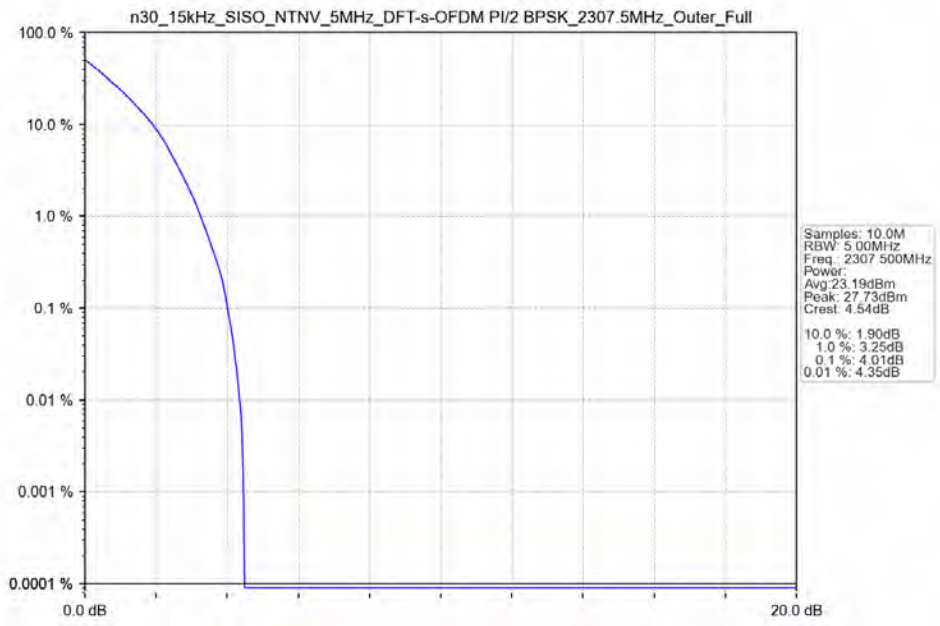
4.1.2 Test Graph

n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_2307.5MHz_Outer_Full



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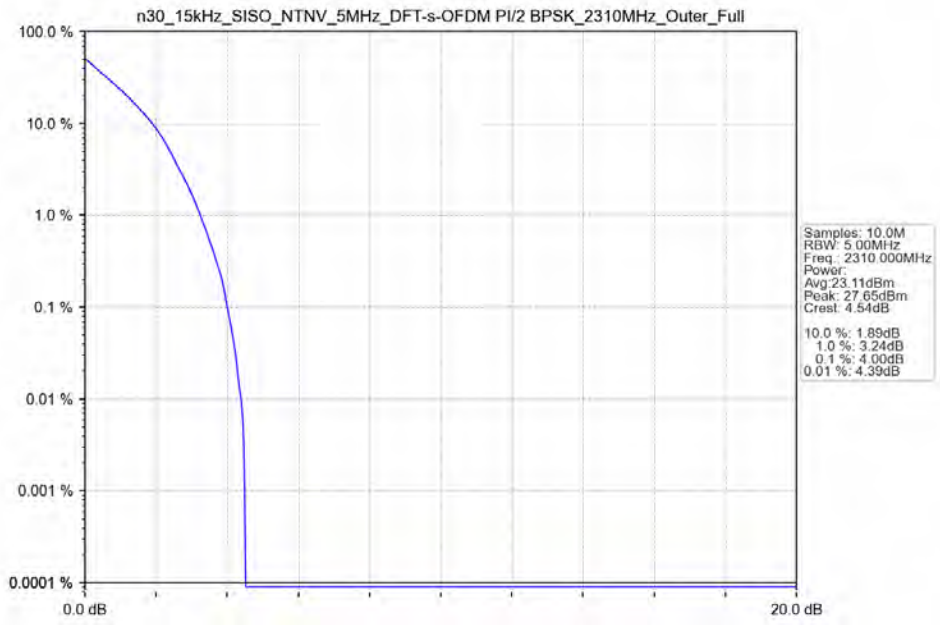

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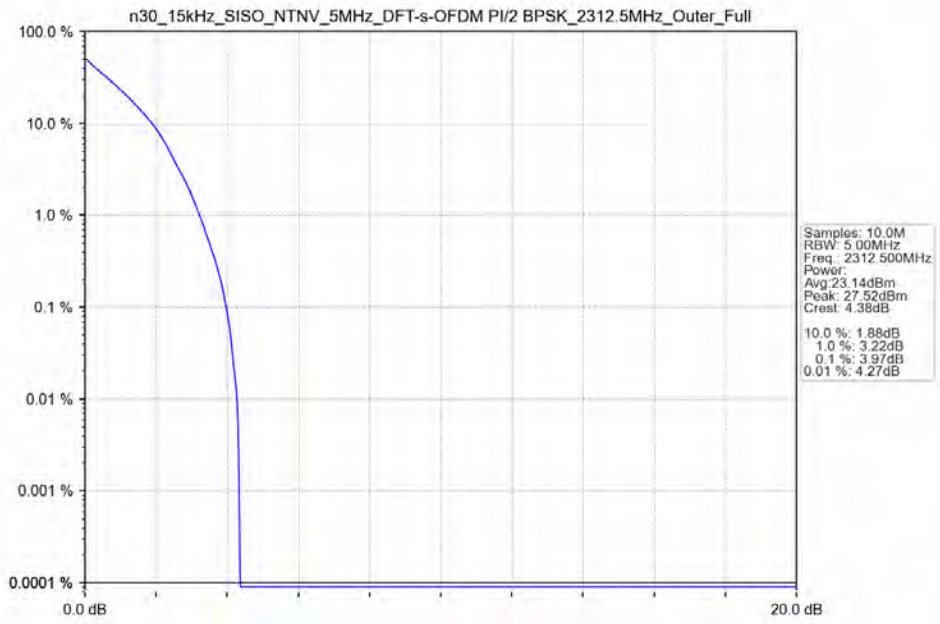

n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_2307.5MHz_Outer_Full

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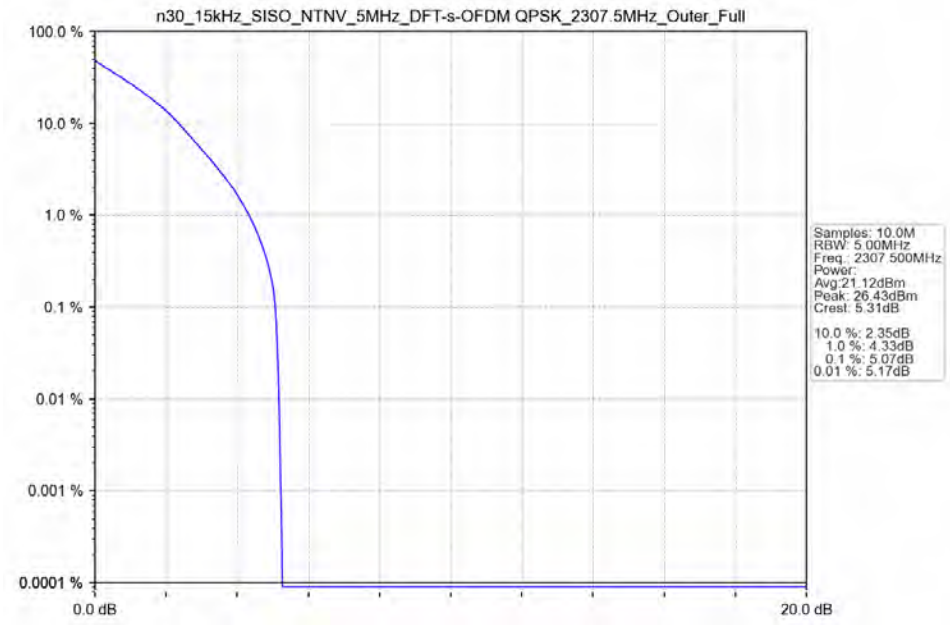

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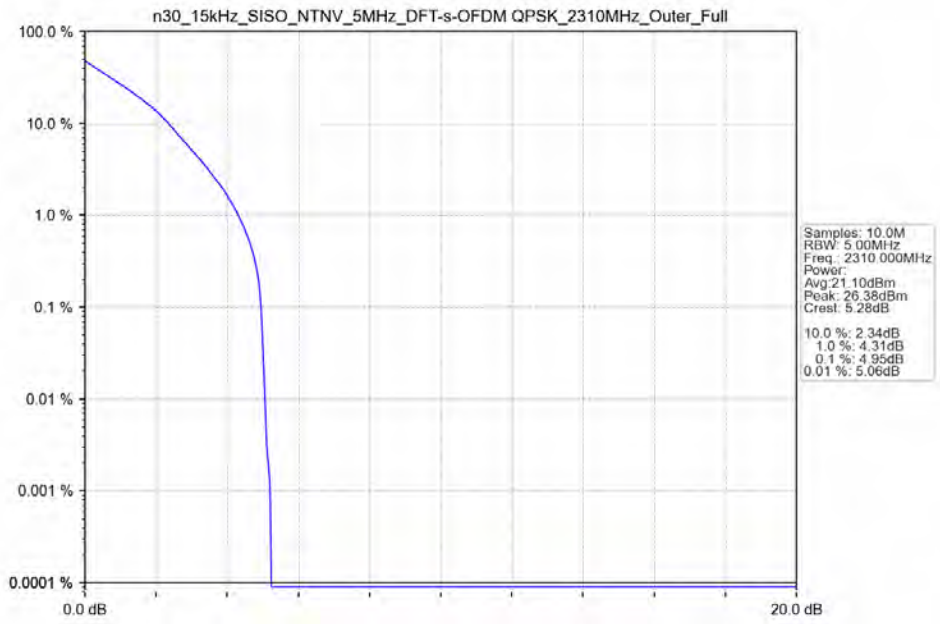

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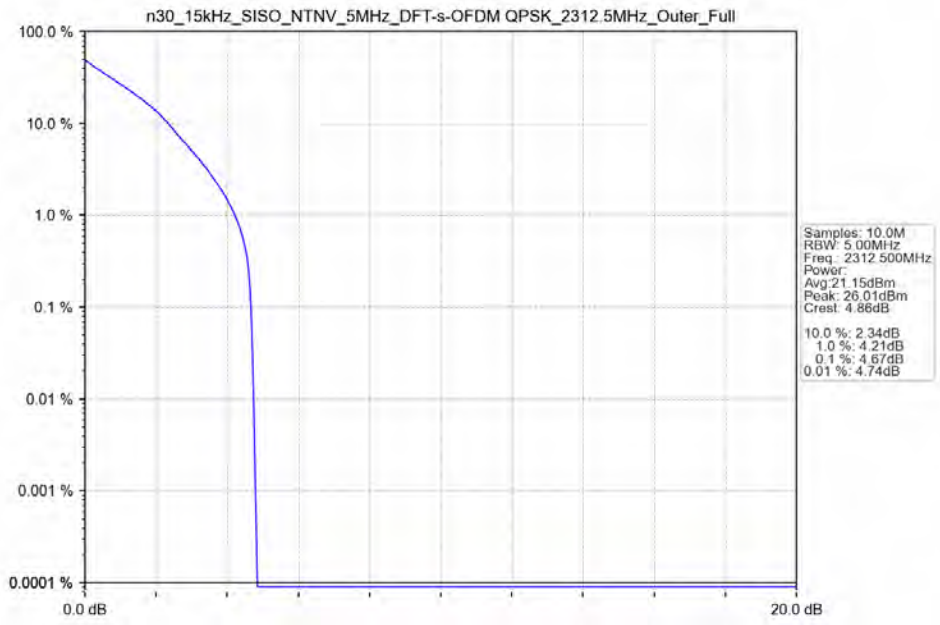

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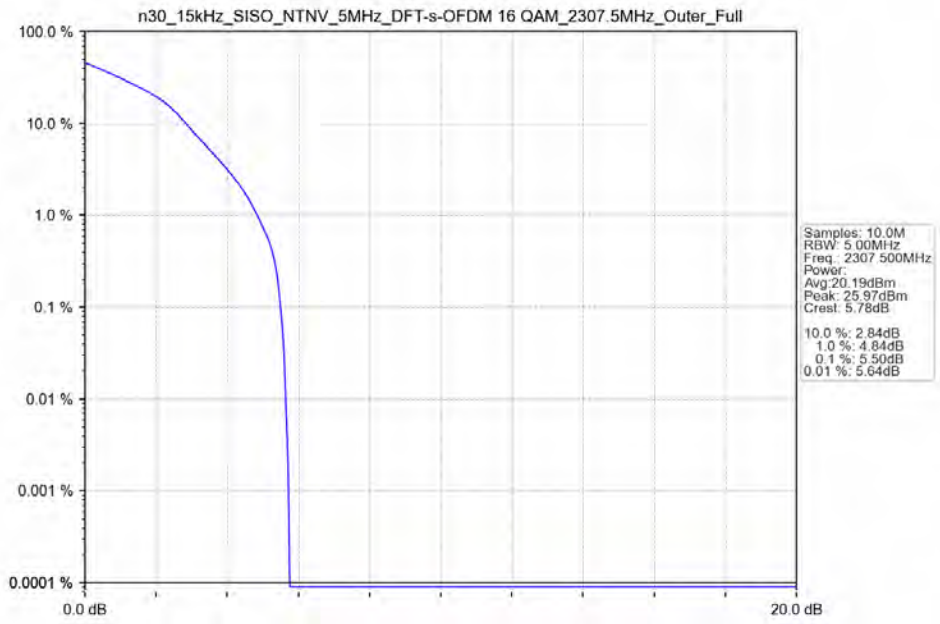

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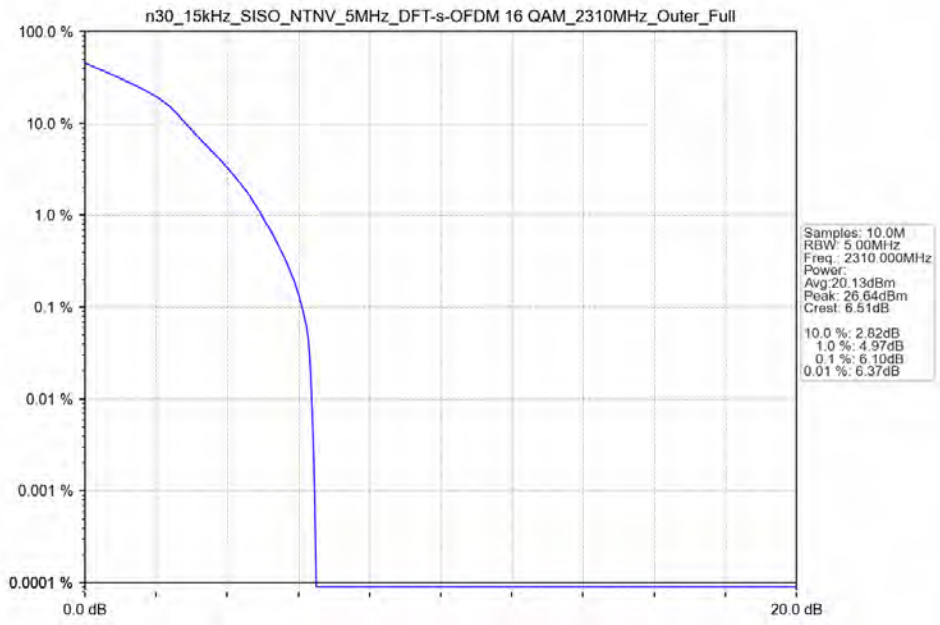

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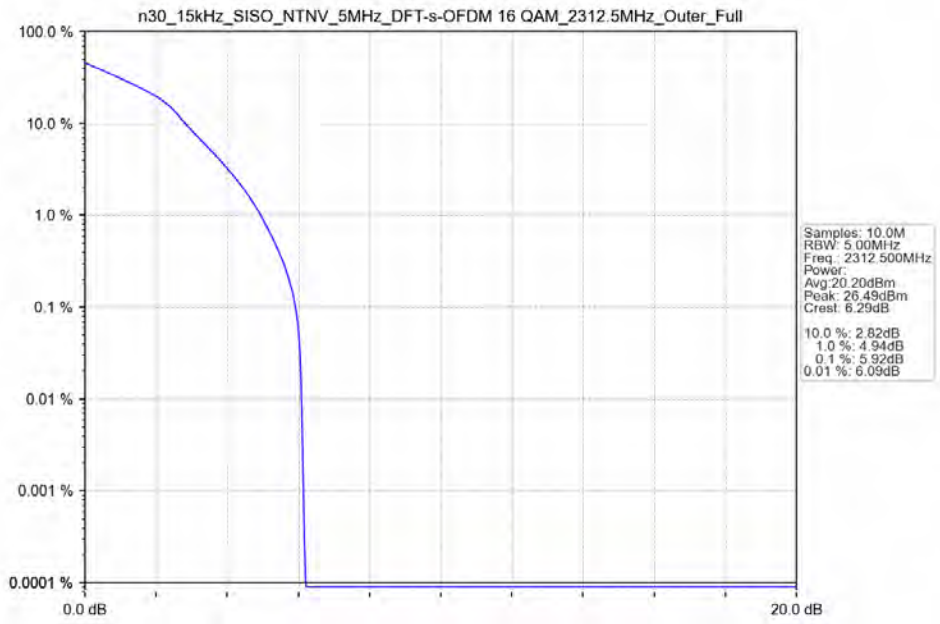

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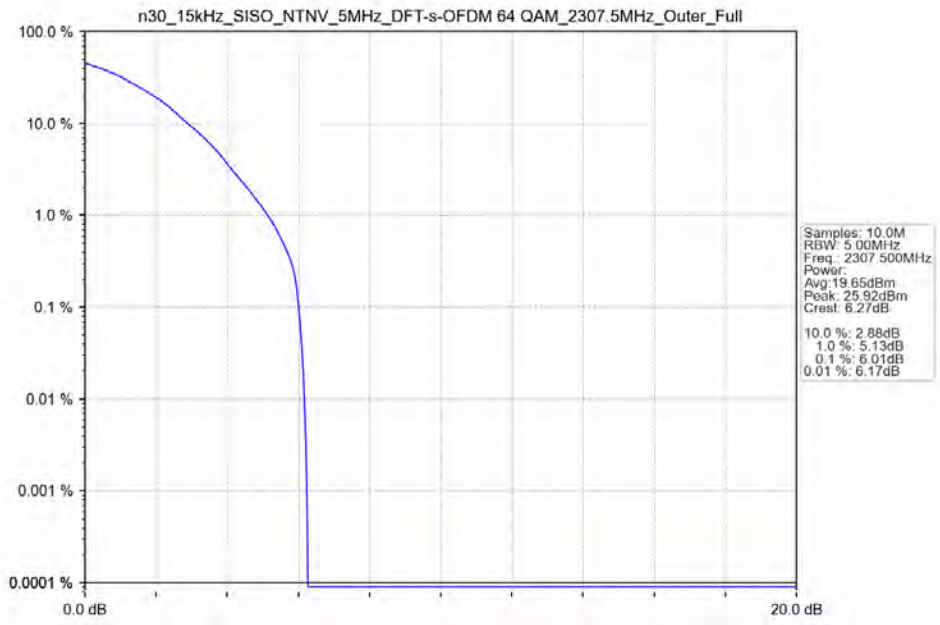

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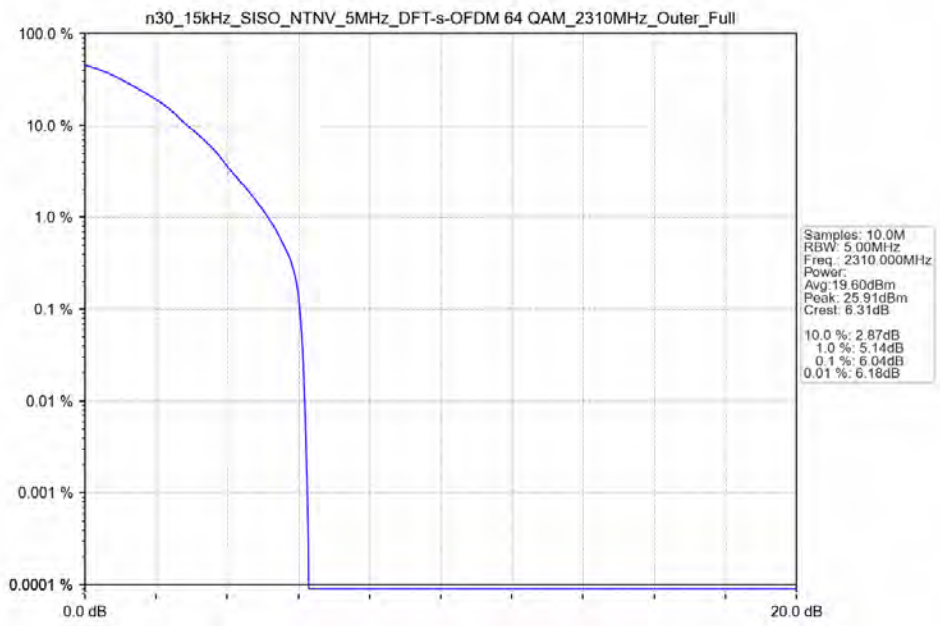

n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_2312.5MHz_Outer_Full

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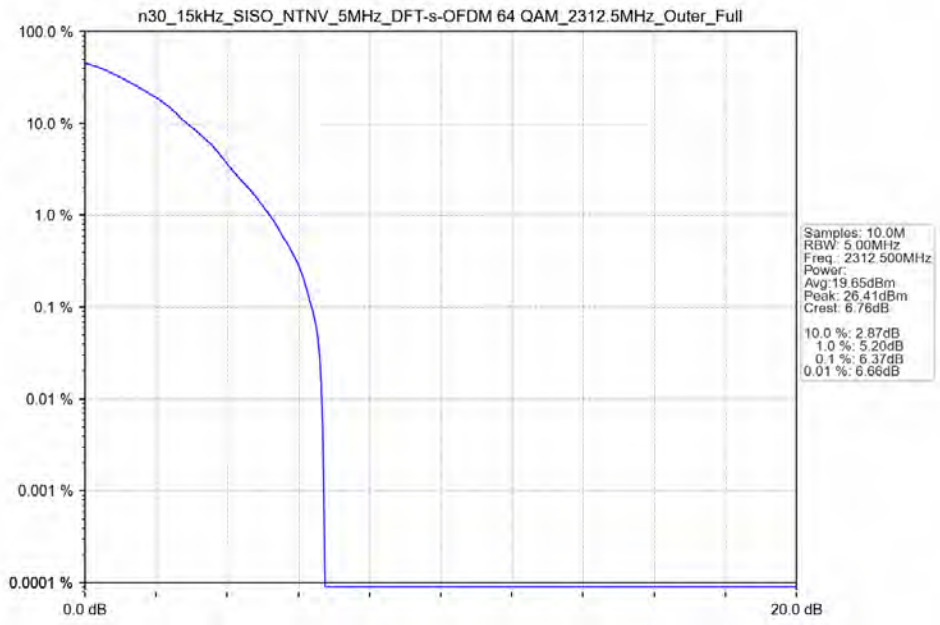

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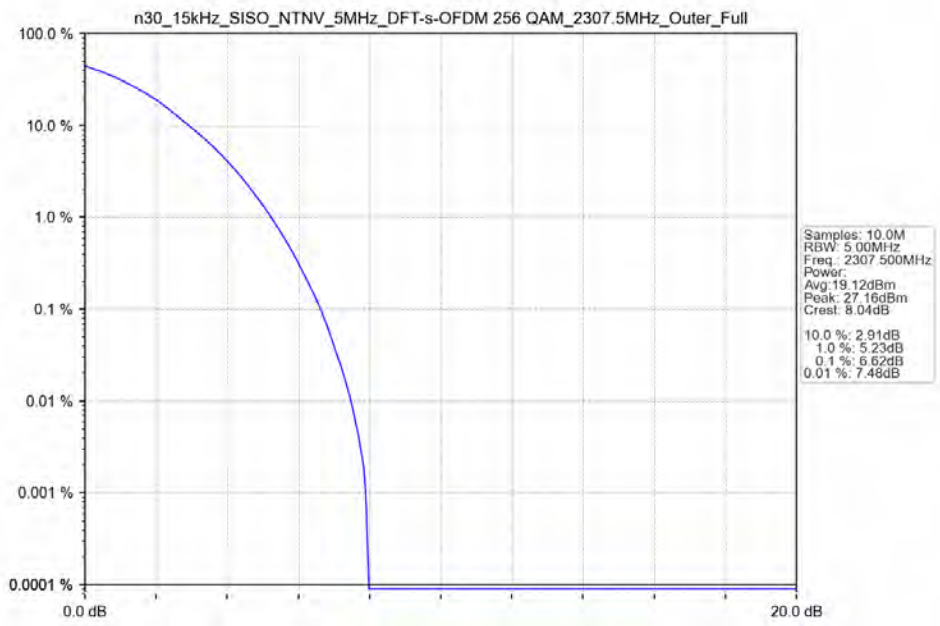
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_2307.5MHz_Outer_Full



n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_2310MHz_Outer_Full

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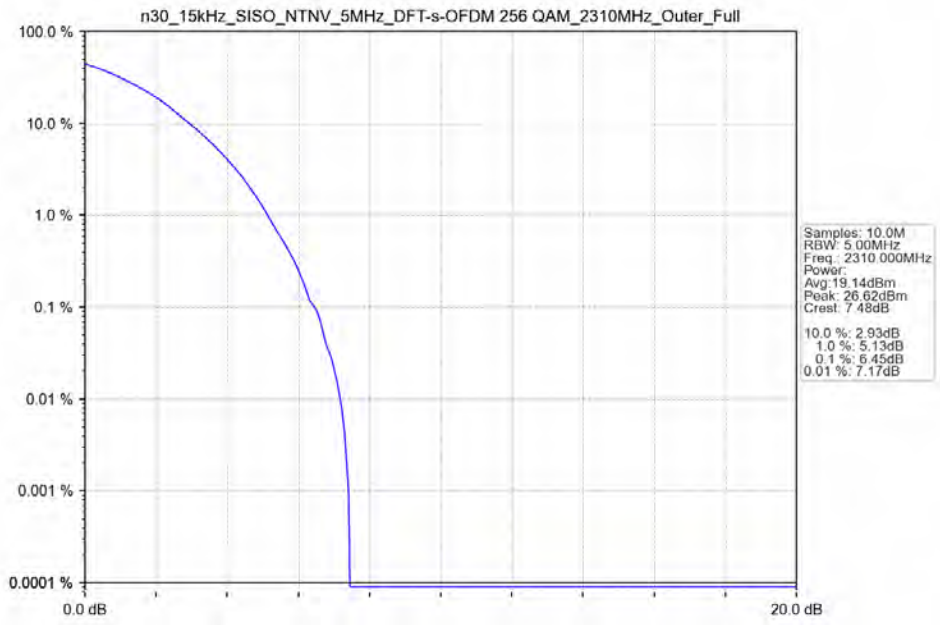

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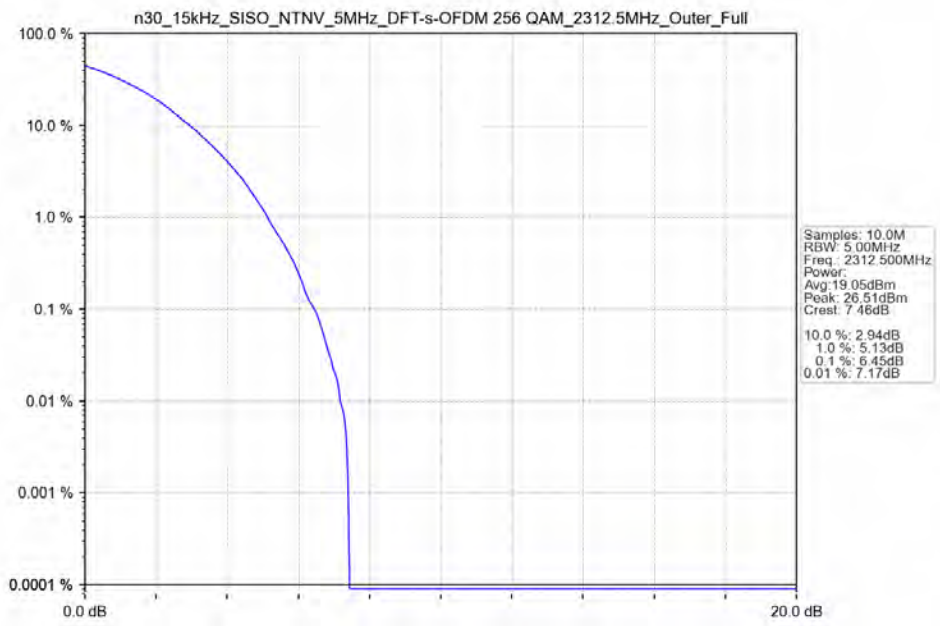

n30_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_2307.5MHz_Outer_Full

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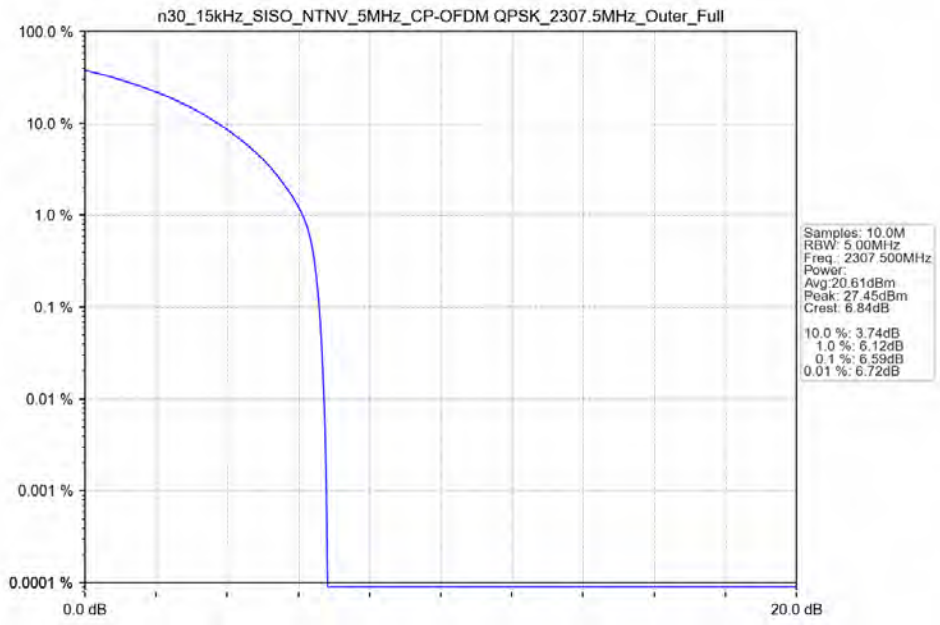

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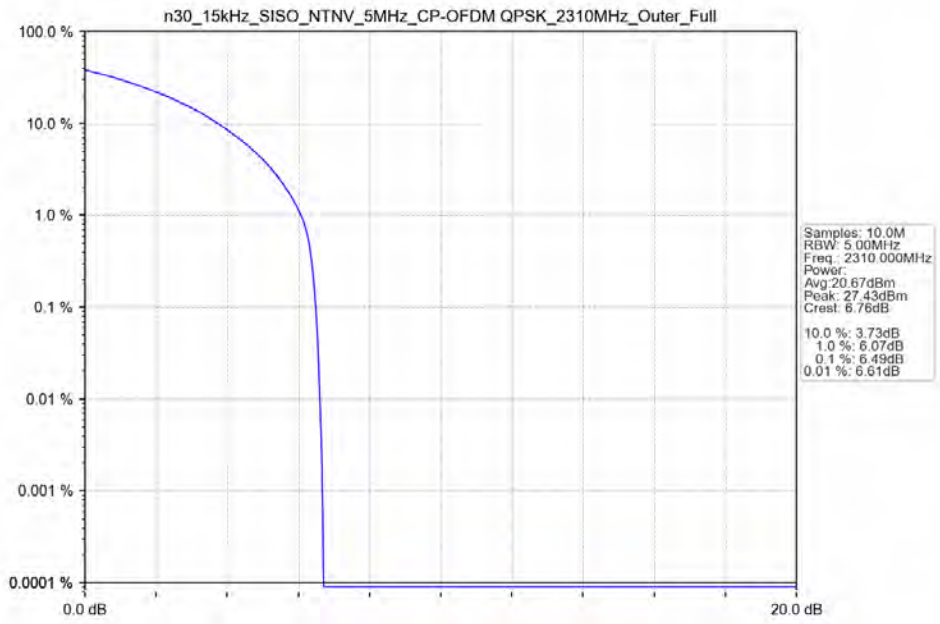

n30_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_2312.5MHz_Outer_Full

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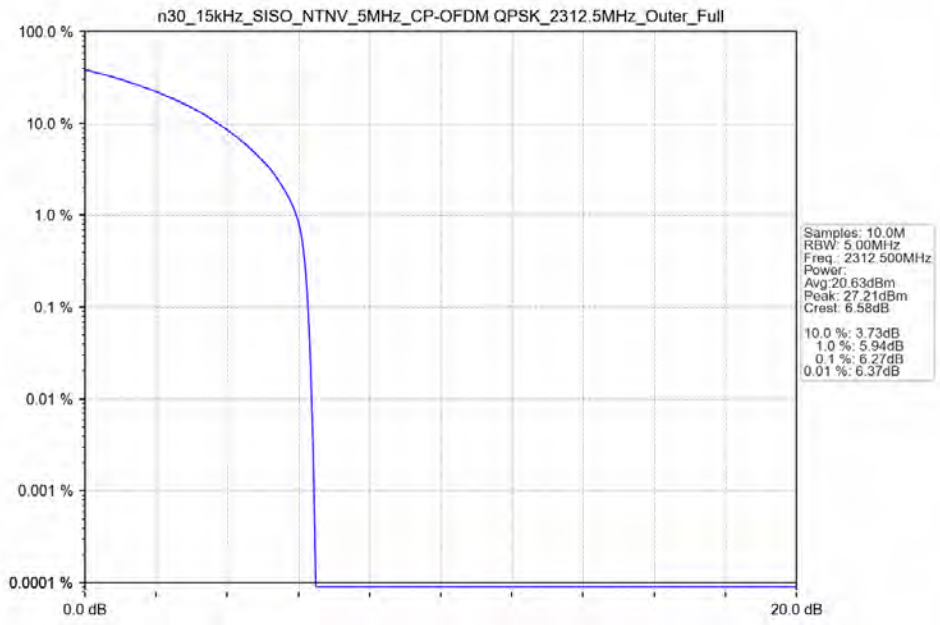

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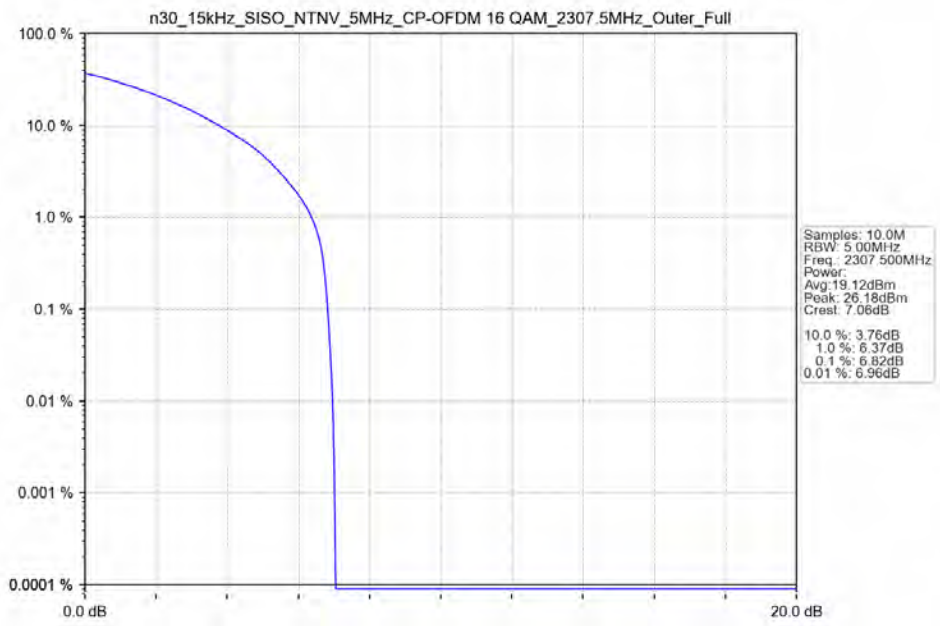

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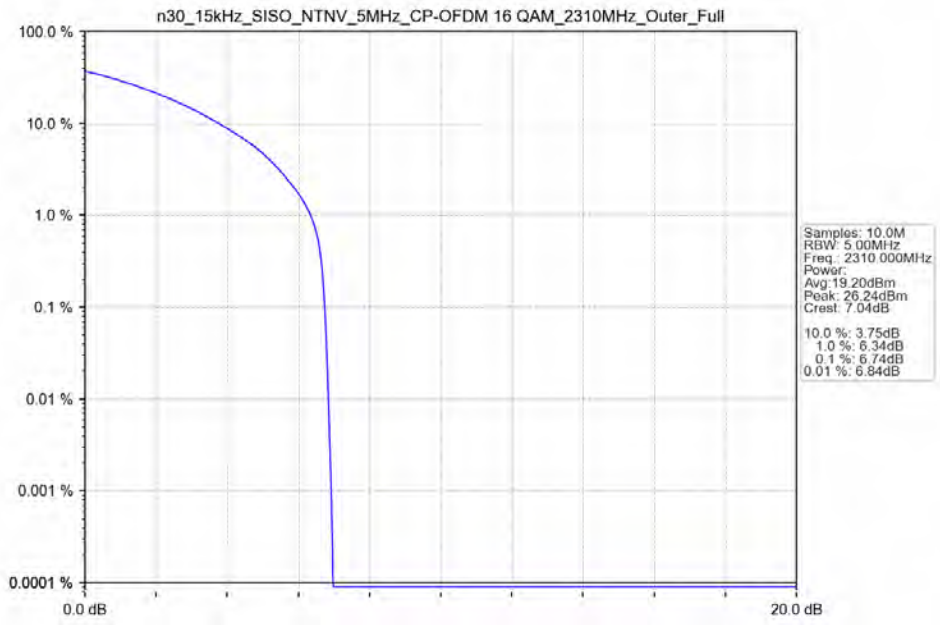

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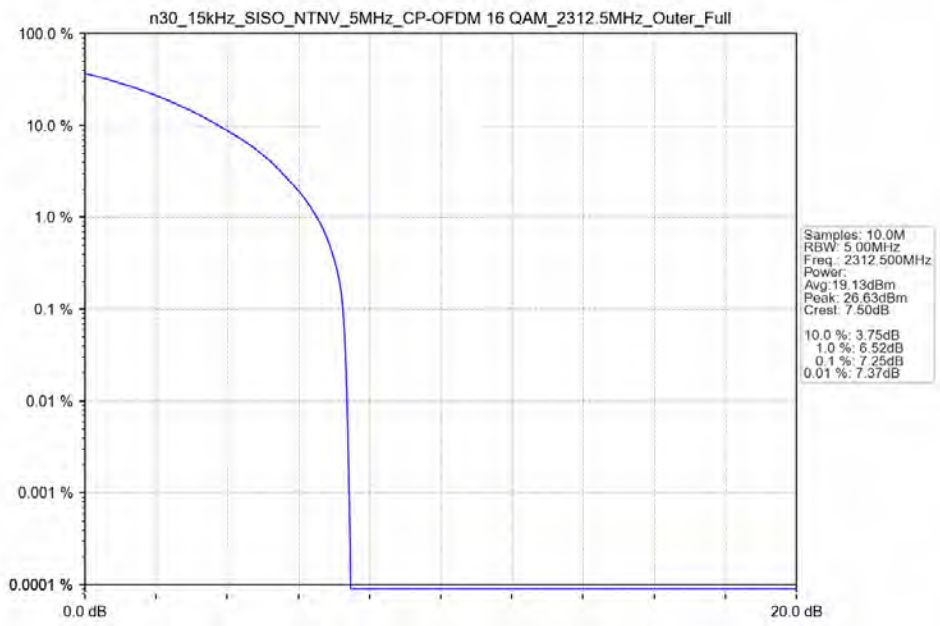

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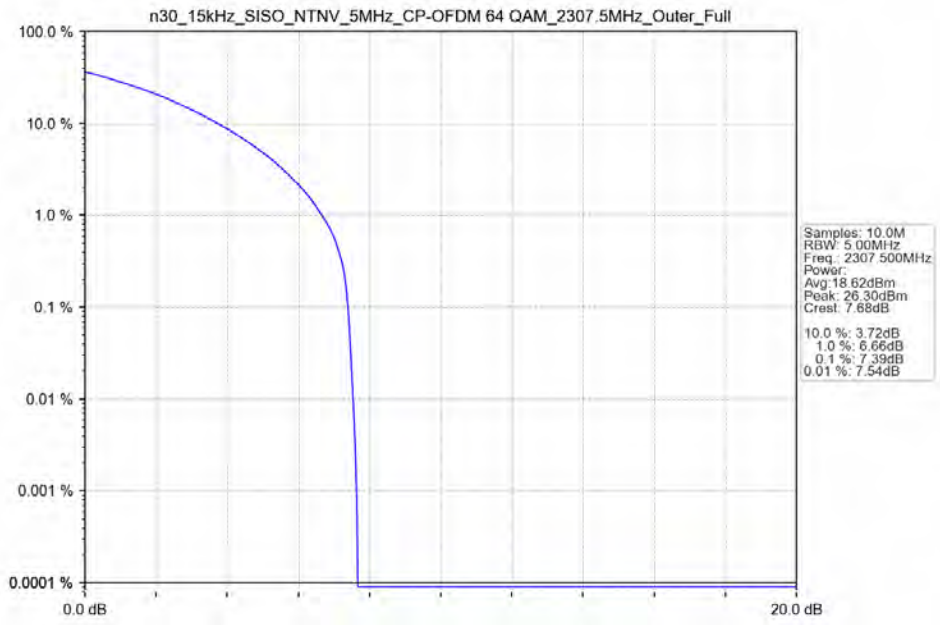

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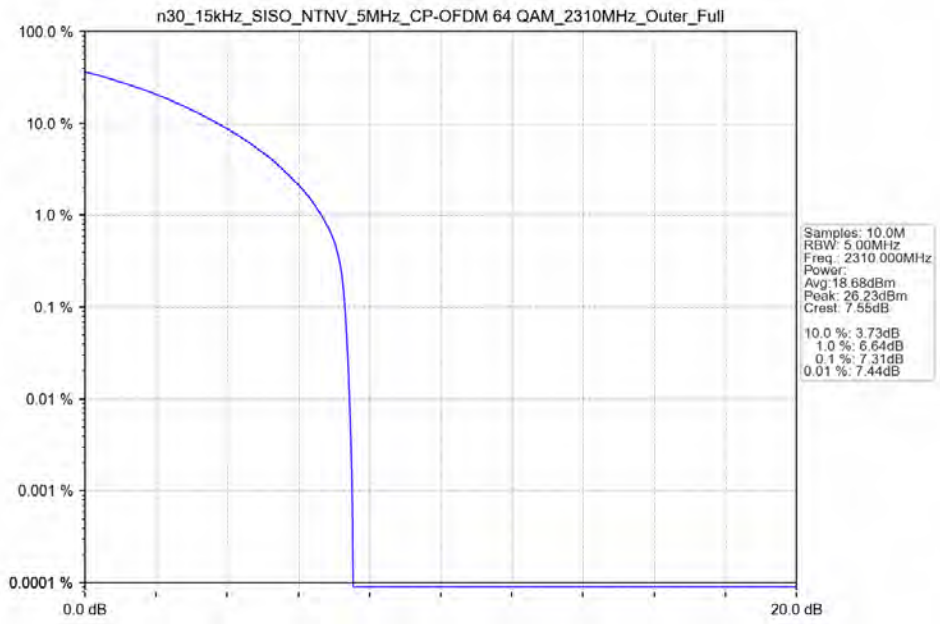

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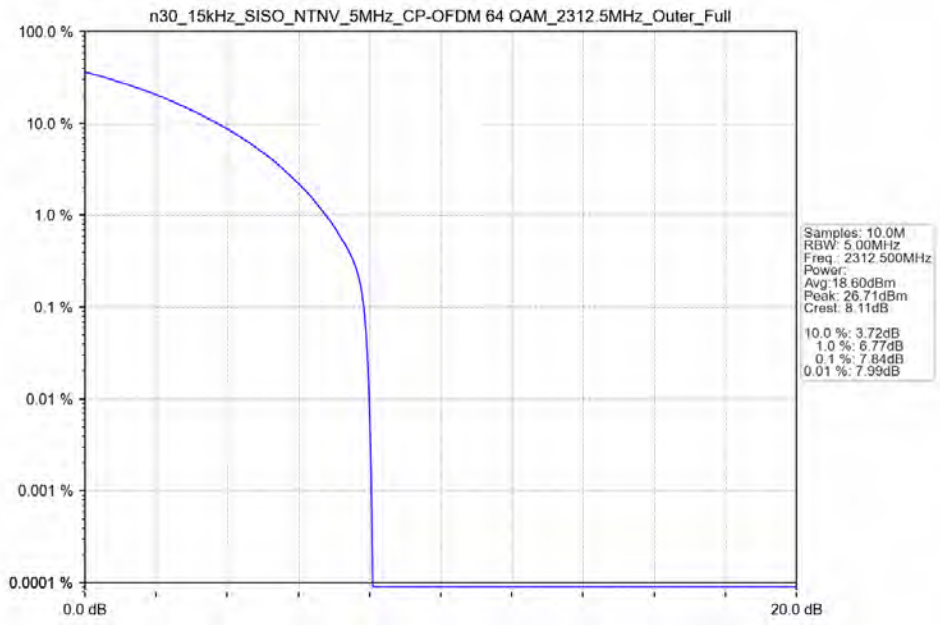

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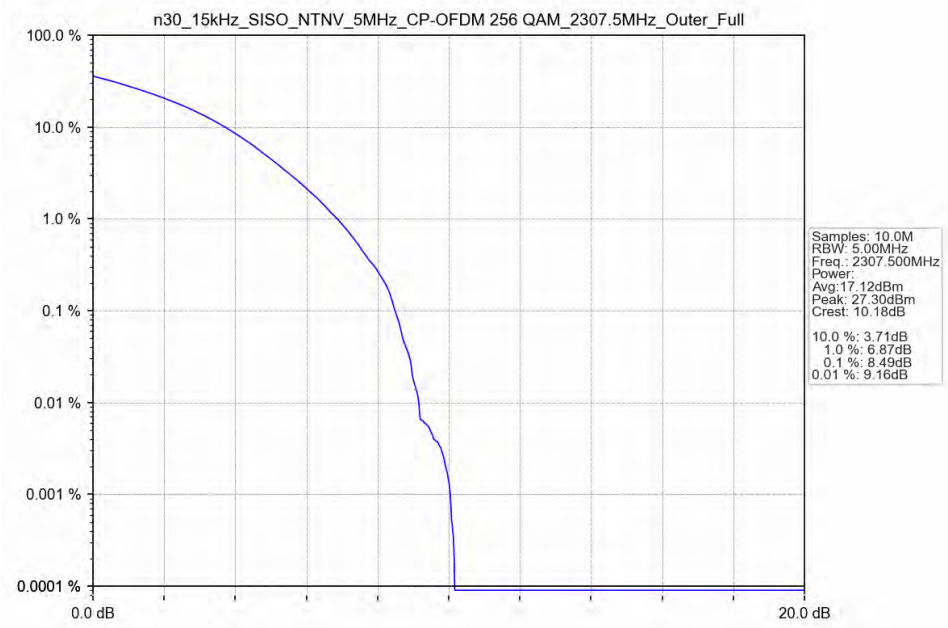
n30_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_2307.5MHz_Outer_Full



n30_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_2310MHz_Outer_Full

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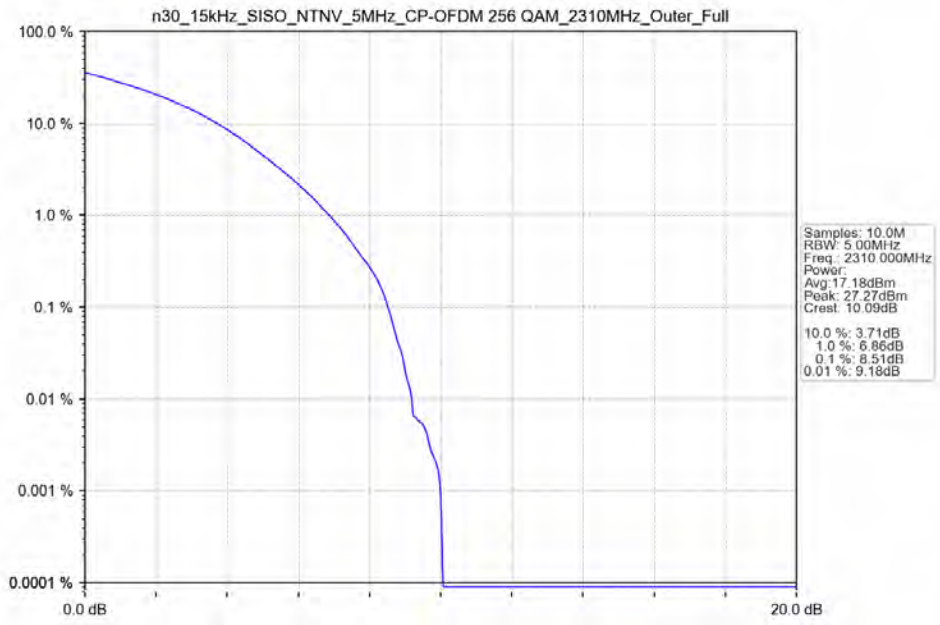

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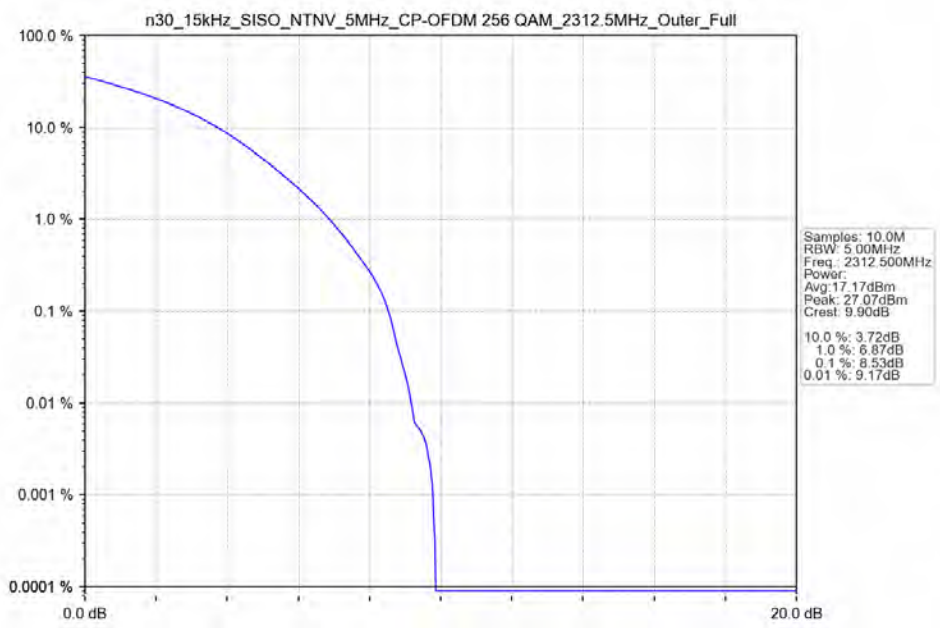

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4.2 15k_SISO_10MHz_NTNV

4.2.1 Test Result

5G NR n30 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	2310	Outer_Full	4.26	/	/	<=13	Pass
	2310	Outer_Full	4.26	/	/	<=13	Pass
	2310	Outer_Full	4.25	/	/	<=13	Pass
DFT-s-OFDM QPSK	2310	Outer_Full	4.65	/	/	<=13	Pass
	2310	Outer_Full	4.69	/	/	<=13	Pass
	2310	Outer_Full	5.22	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2310	Outer_Full	5.73	/	/	<=13	Pass
	2310	Outer_Full	5.80	/	/	<=13	Pass
	2310	Outer_Full	5.73	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2310	Outer_Full	6.20	/	/	<=13	Pass
	2310	Outer_Full	6.21	/	/	<=13	Pass
	2310	Outer_Full	6.20	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2310	Outer_Full	6.64	/	/	<=13	Pass
	2310	Outer_Full	6.64	/	/	<=13	Pass
	2310	Outer_Full	6.64	/	/	<=13	Pass
CP-OFDM QPSK	2310	Outer_Full	6.96	/	/	<=13	Pass
	2310	Outer_Full	6.97	/	/	<=13	Pass
	2310	Outer_Full	6.89	/	/	<=13	Pass
CP-OFDM 16 QAM	2310	Outer_Full	7.06	/	/	<=13	Pass
	2310	Outer_Full	7.12	/	/	<=13	Pass
	2310	Outer_Full	7.06	/	/	<=13	Pass
CP-OFDM 64 QAM	2310	Outer_Full	7.53	/	/	<=13	Pass
	2310	Outer_Full	7.53	/	/	<=13	Pass
	2310	Outer_Full	7.53	/	/	<=13	Pass
CP-OFDM 256 QAM	2310	Outer_Full	8.73	/	/	<=13	Pass
	2310	Outer_Full	8.74	/	/	<=13	Pass
	2310	Outer_Full	8.73	/	/	<=13	Pass

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4.2.2 Test Graph

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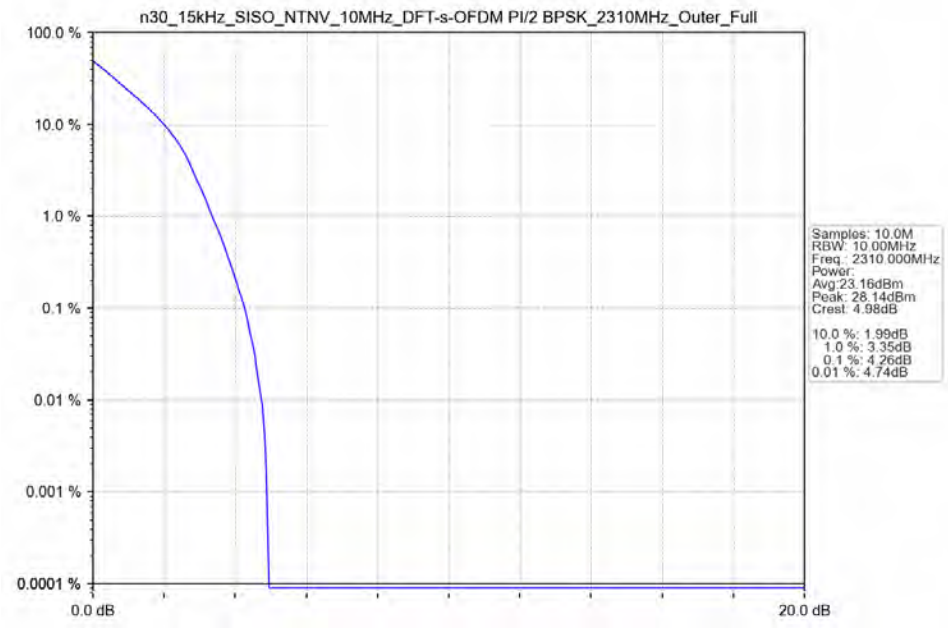

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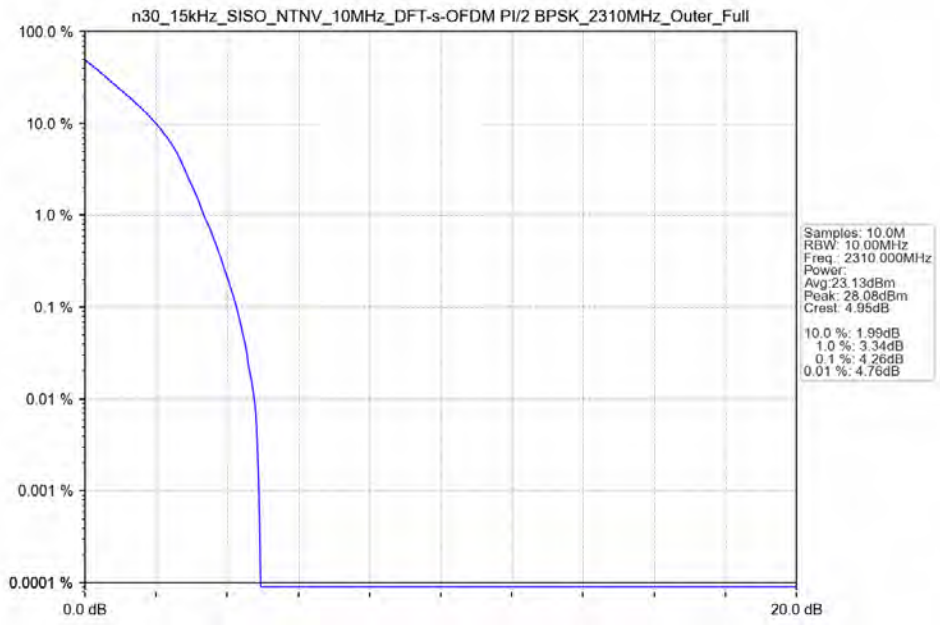

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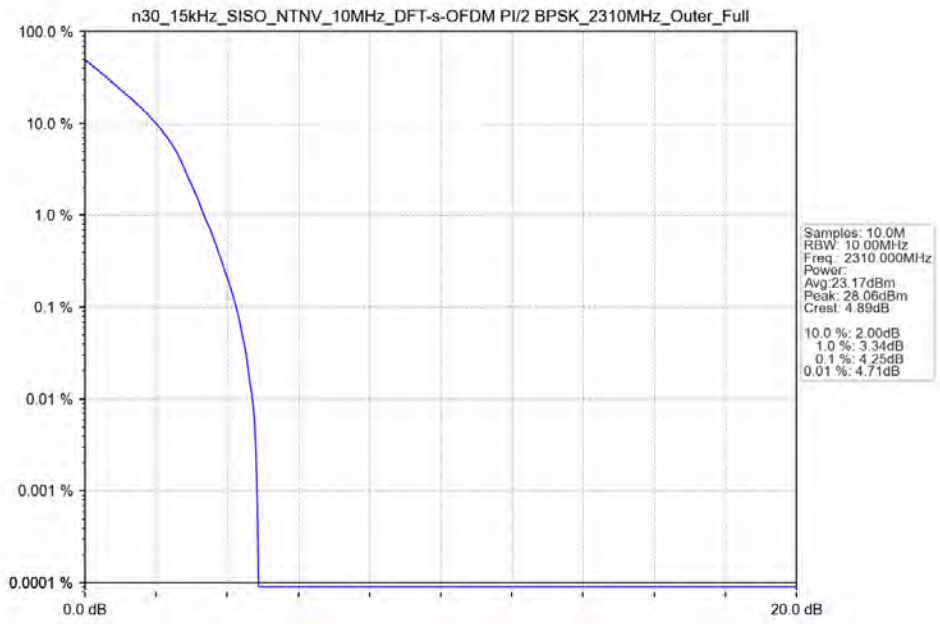

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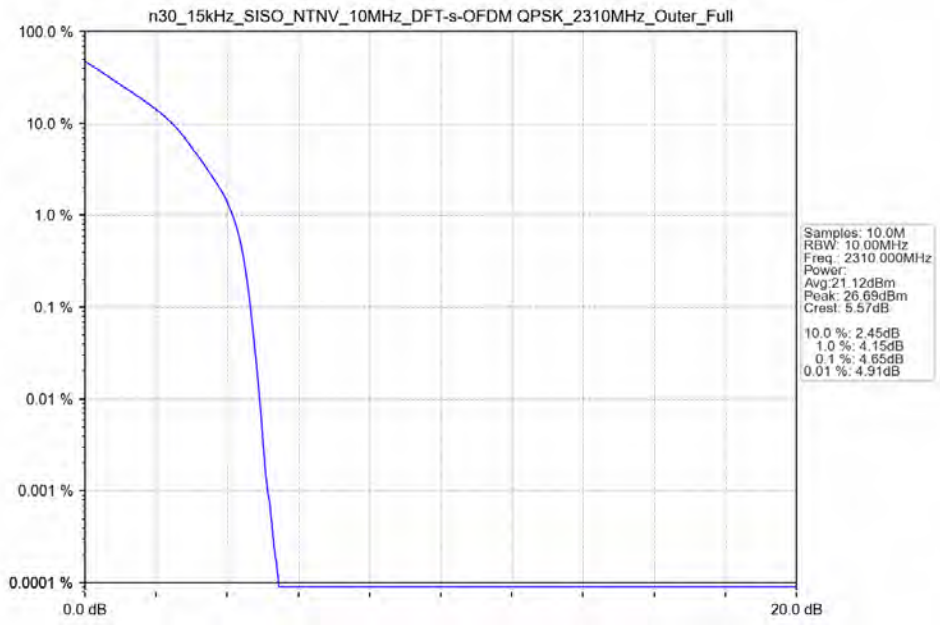

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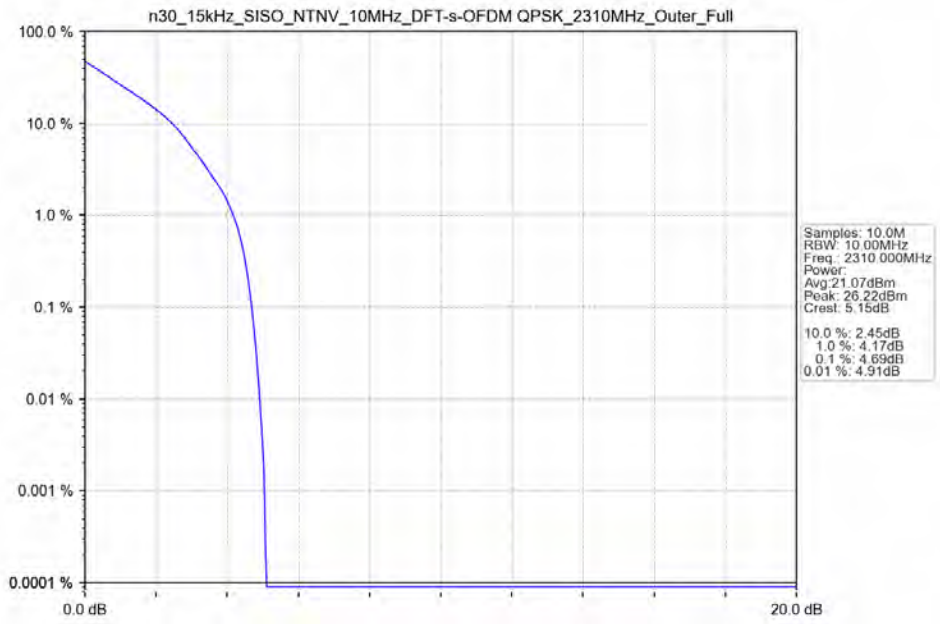

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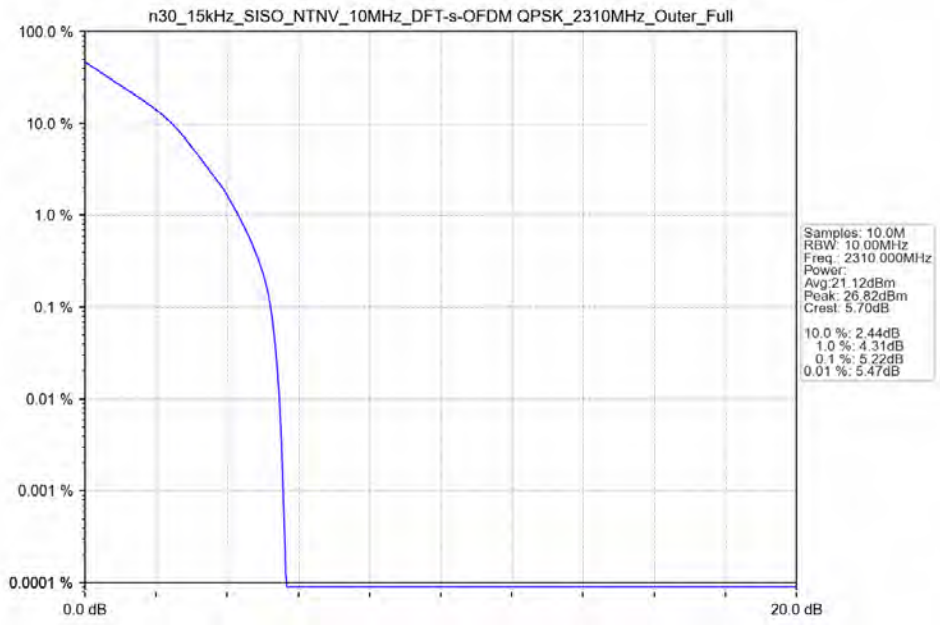

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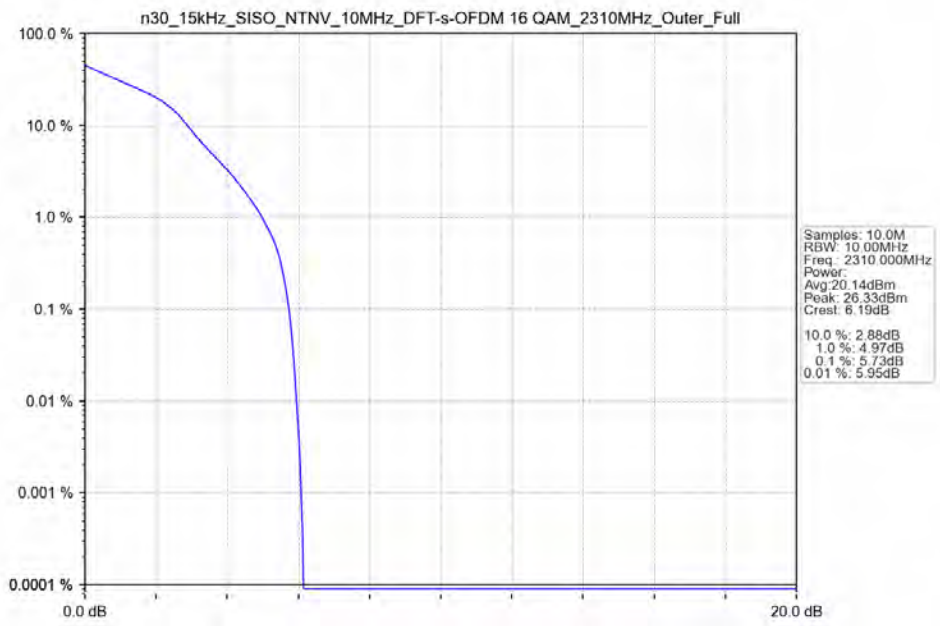

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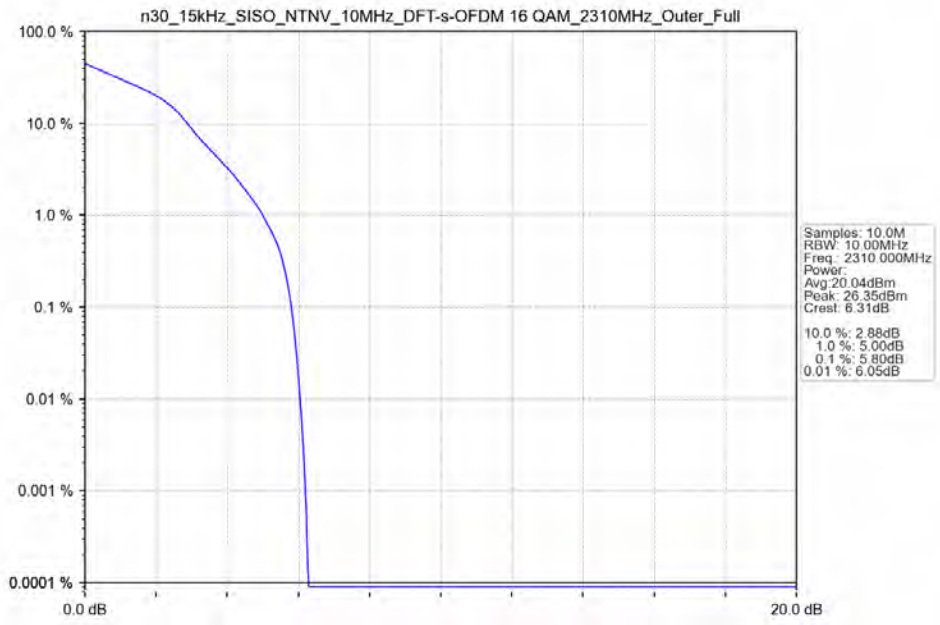

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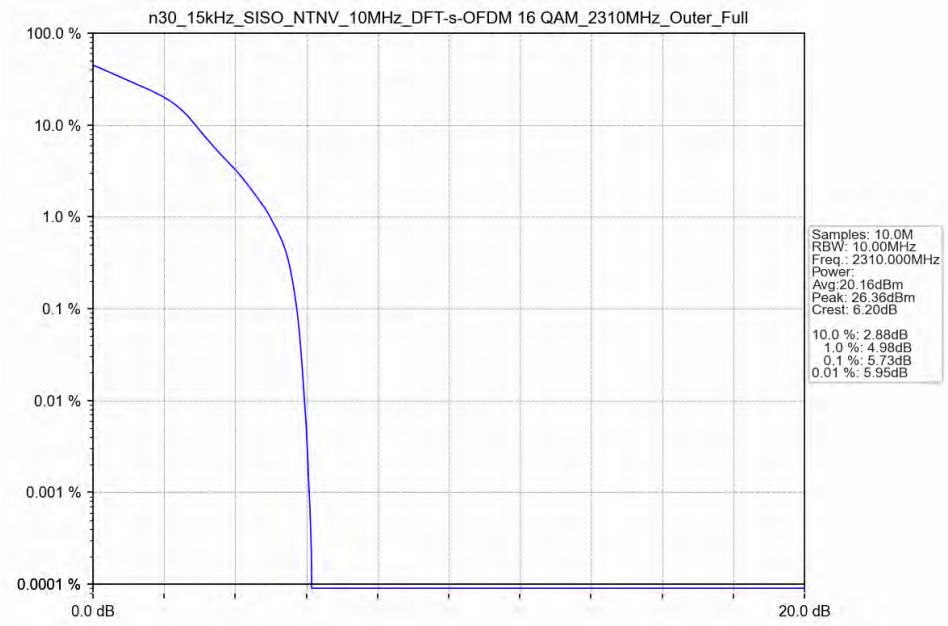
n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_2310MHz_Outer_Full



n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_2310MHz_Outer_Full

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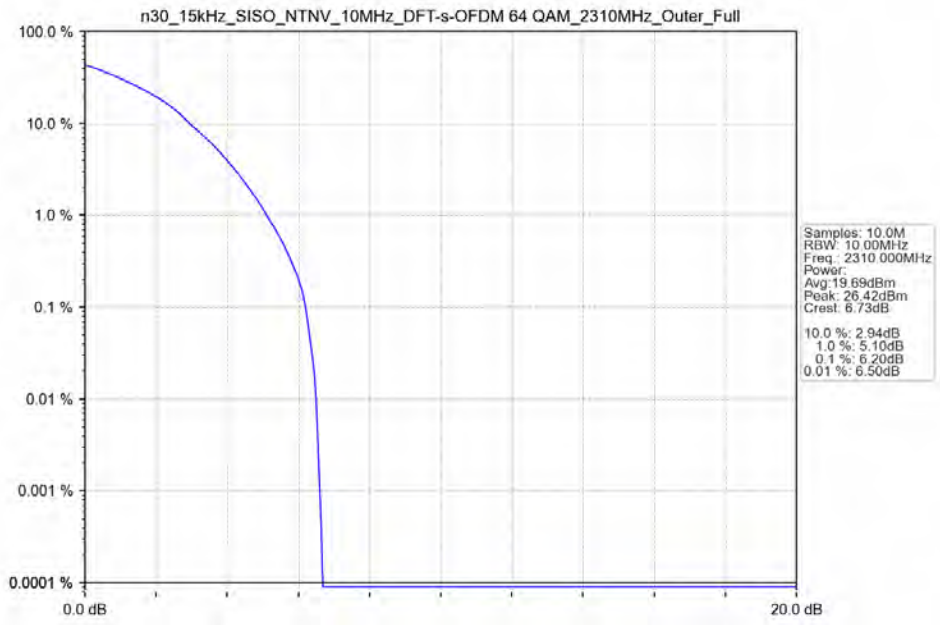

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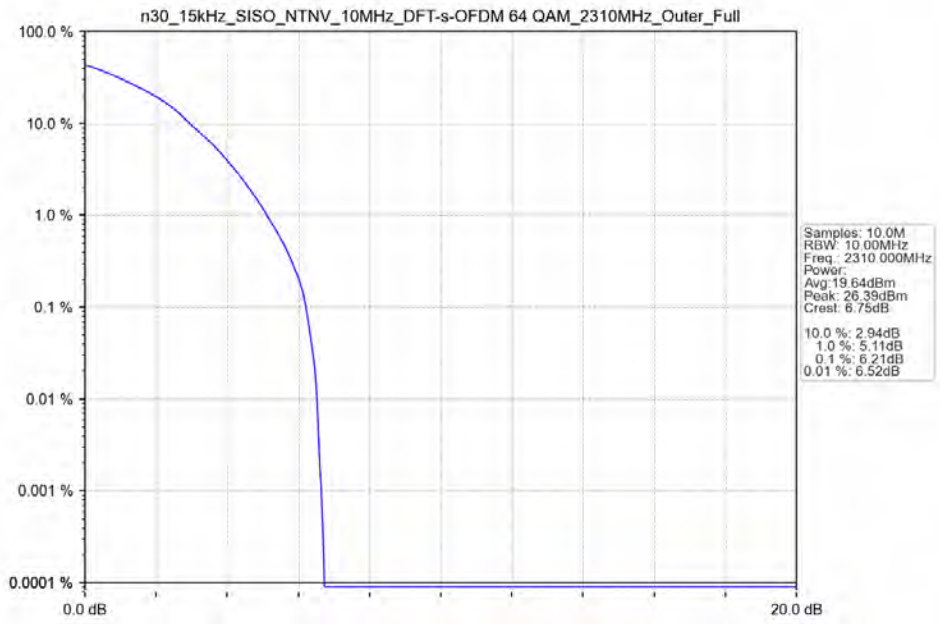
n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_2310MHz_Outer_Full



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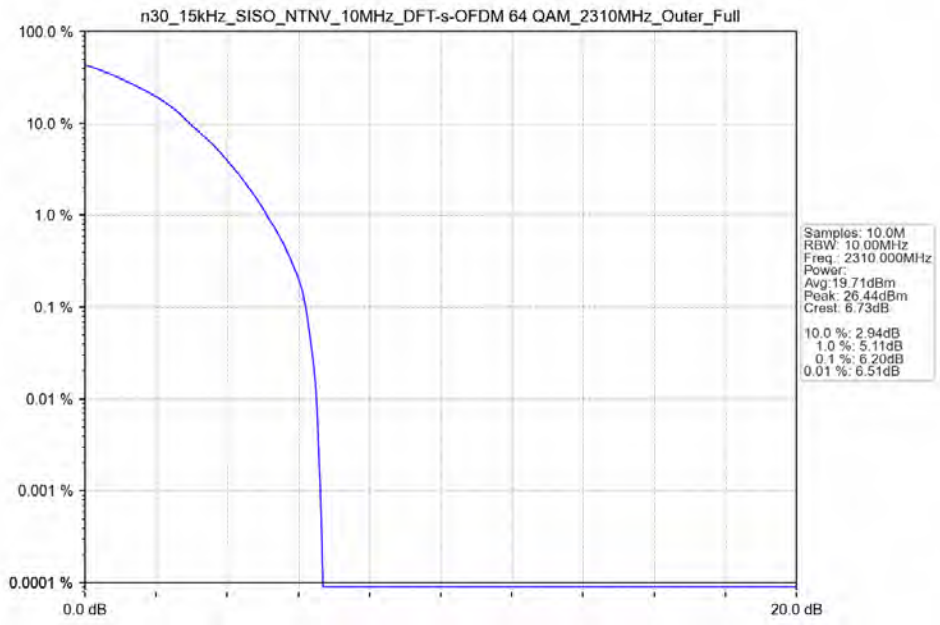

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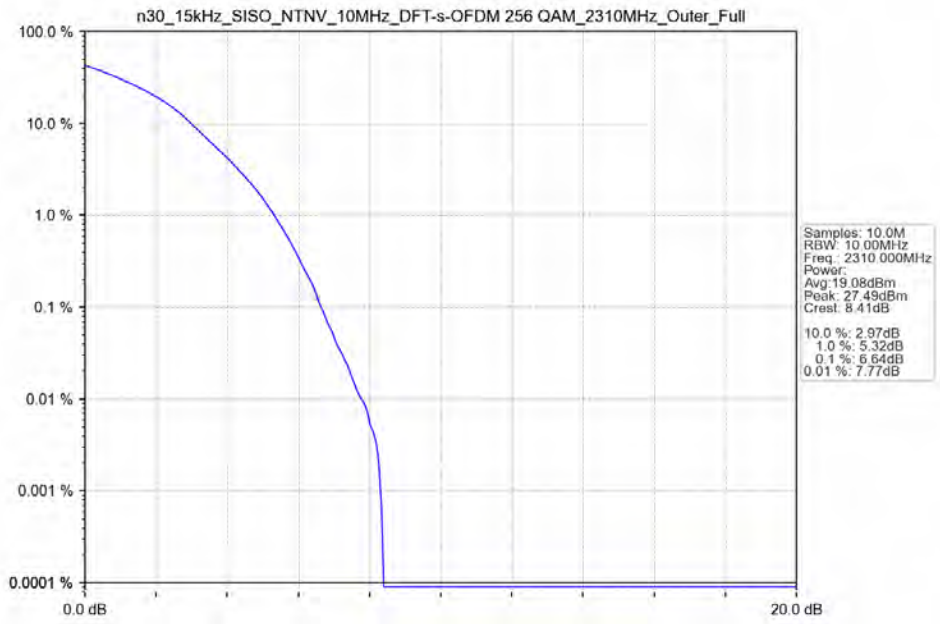
n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_2310MHz_Outer_Full



n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_2310MHz_Outer_Full

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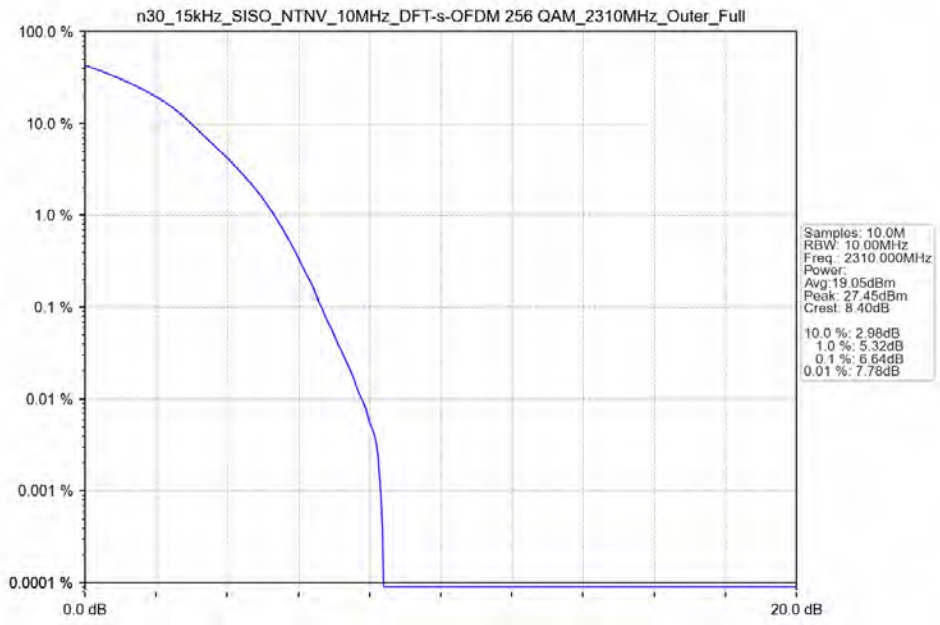

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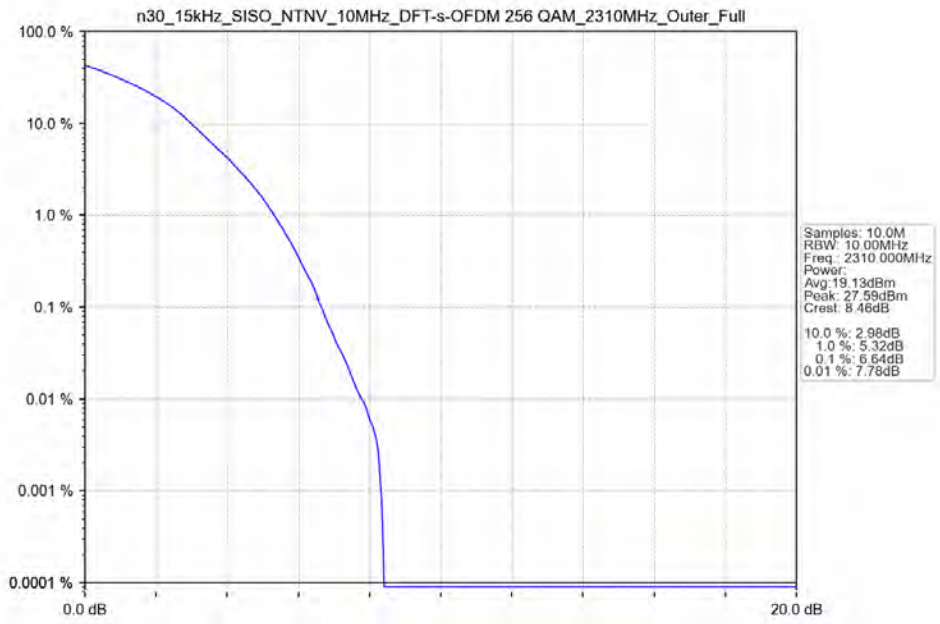

n30_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2310MHz_Outer_Full

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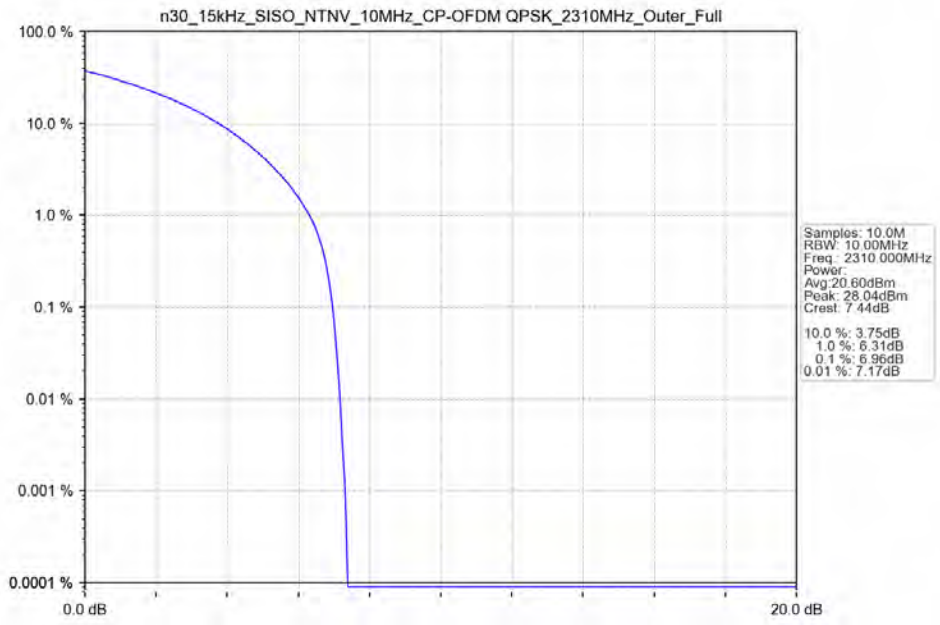

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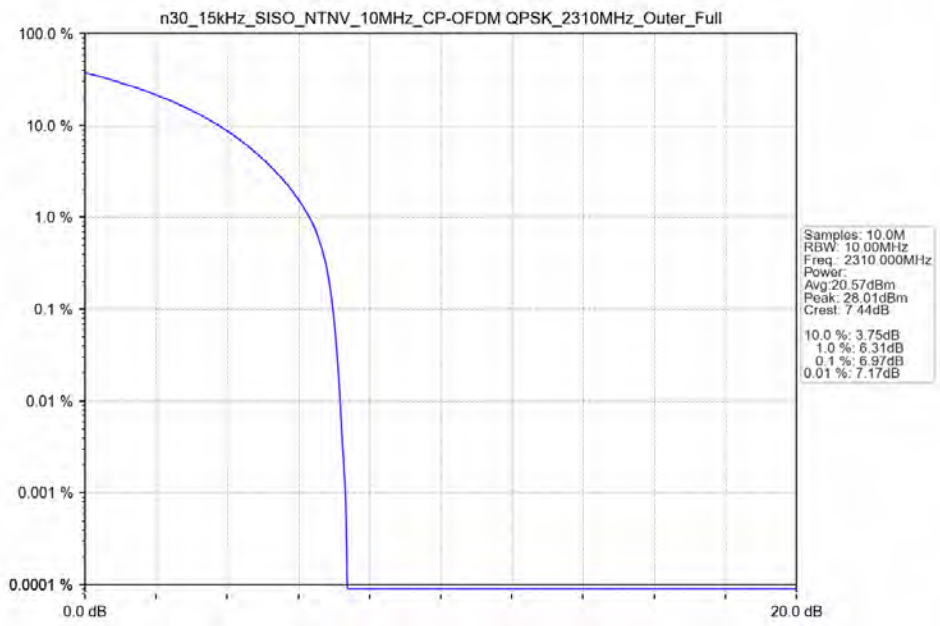

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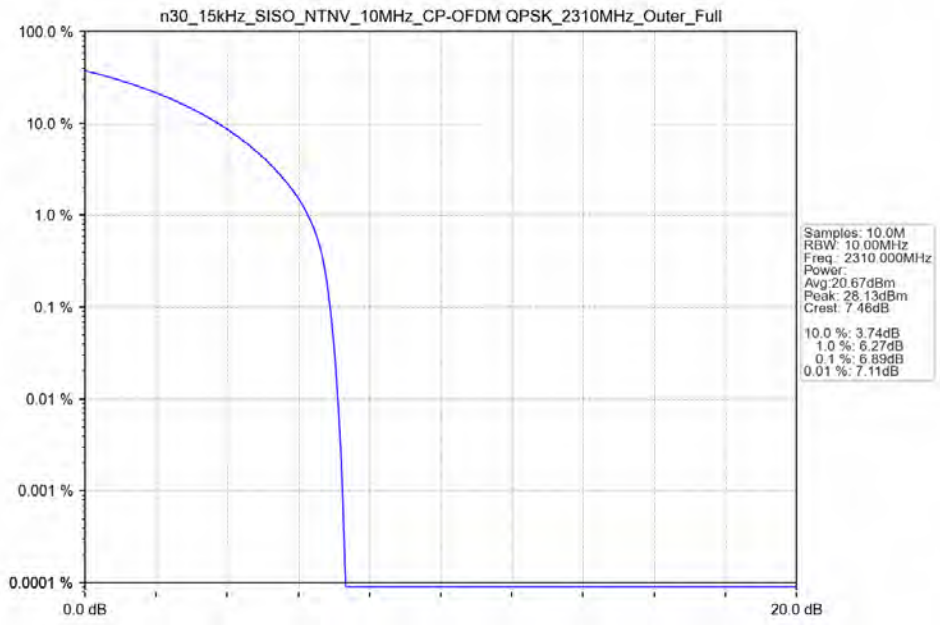

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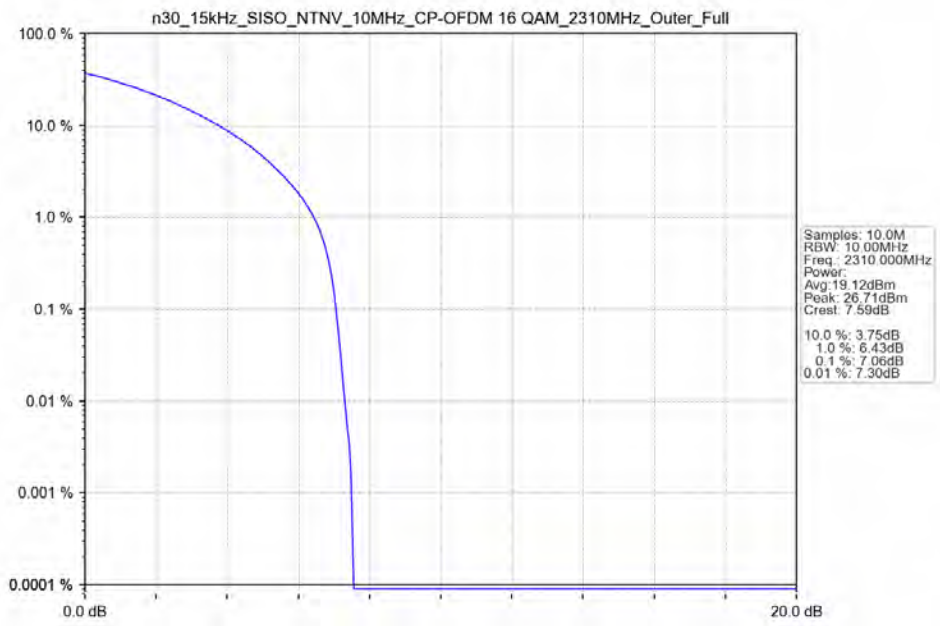

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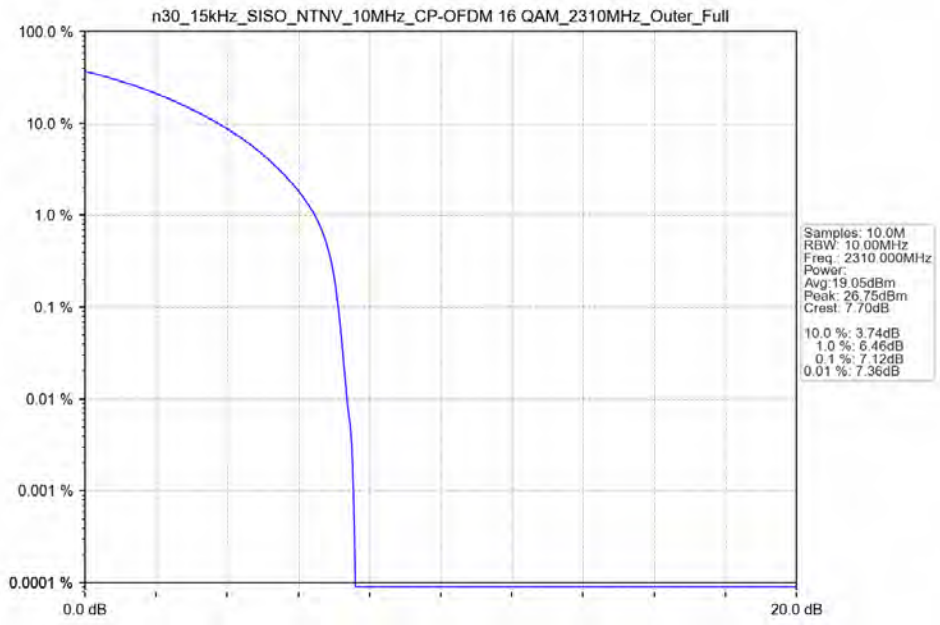

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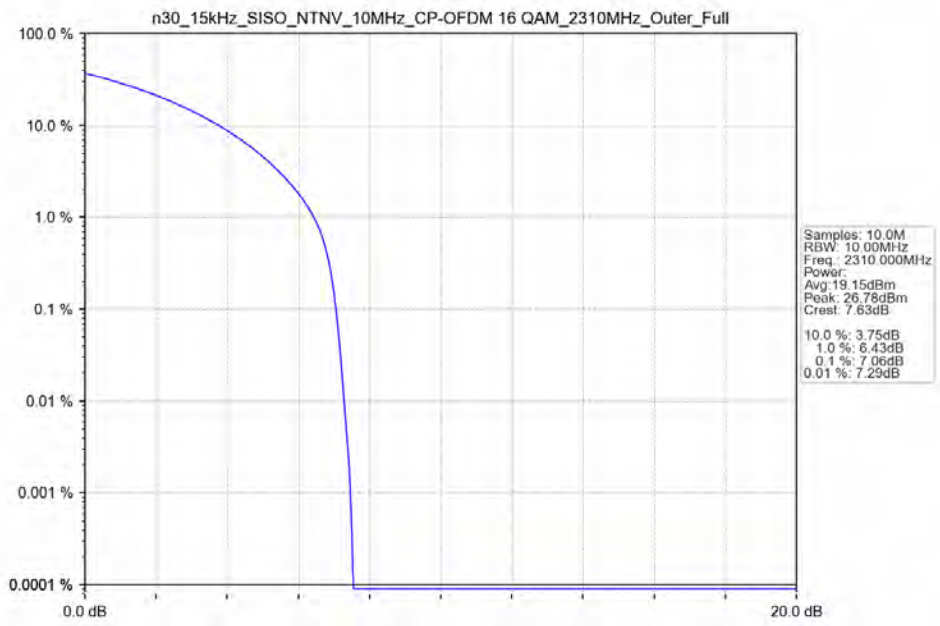

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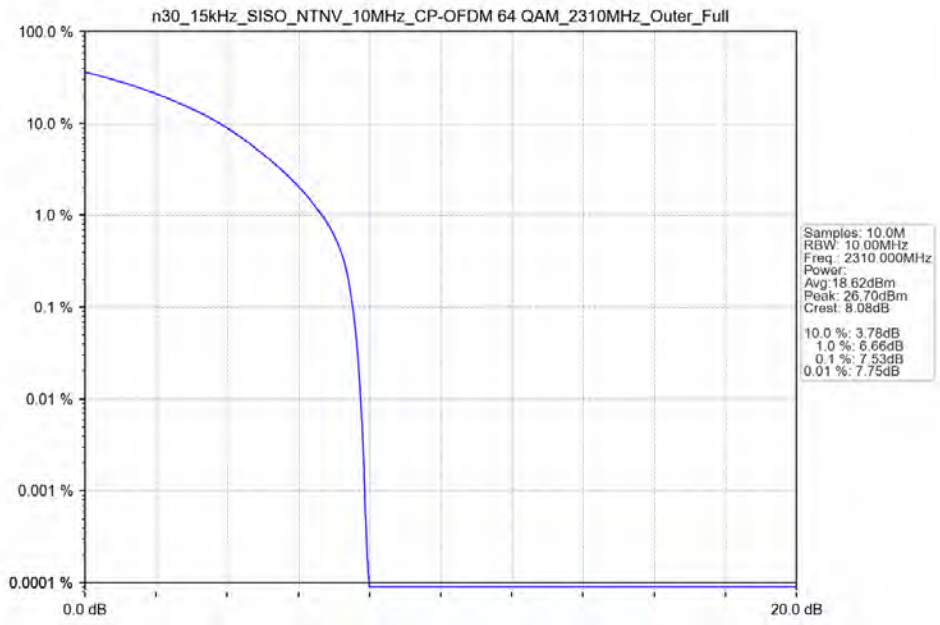

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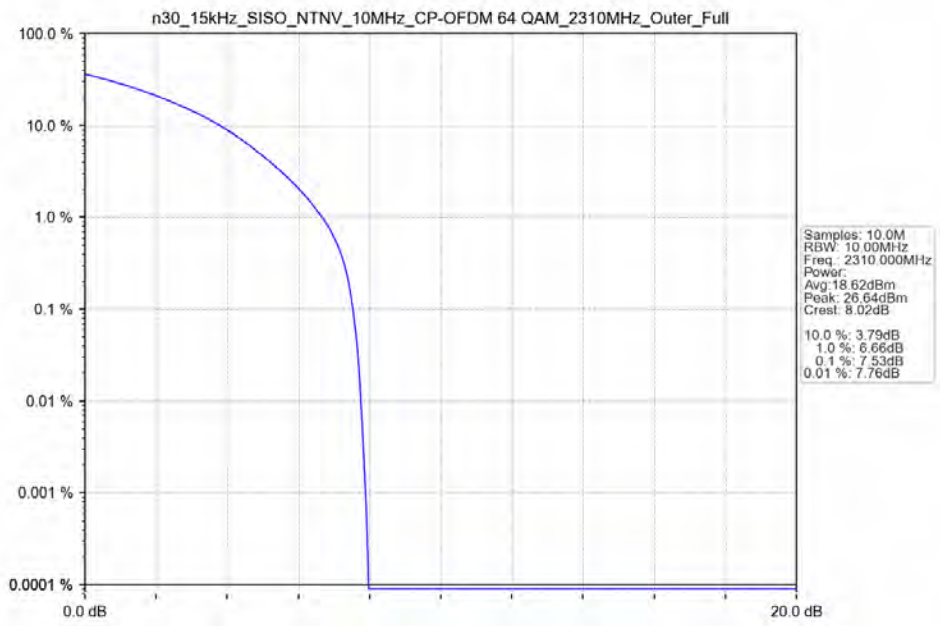

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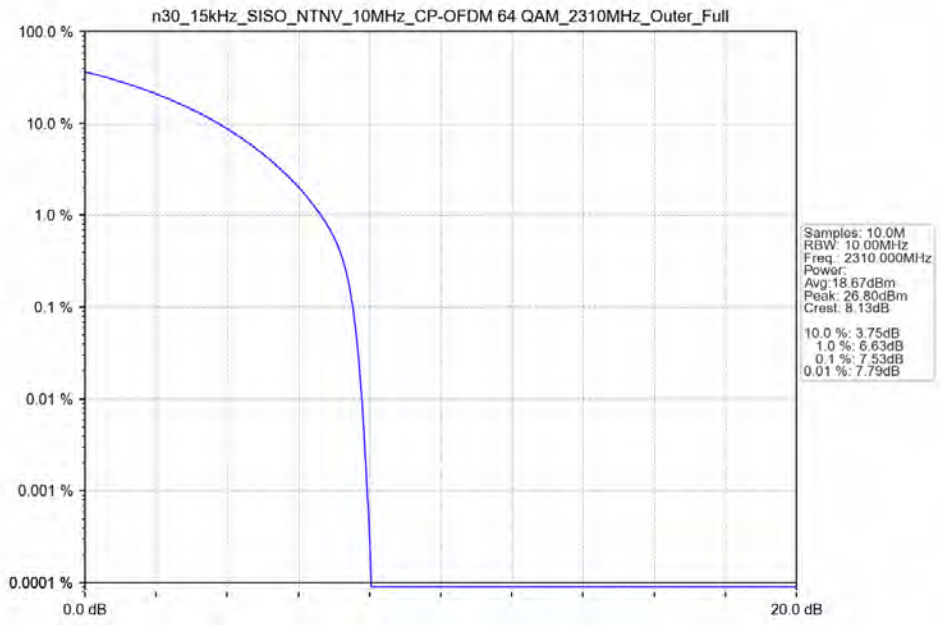

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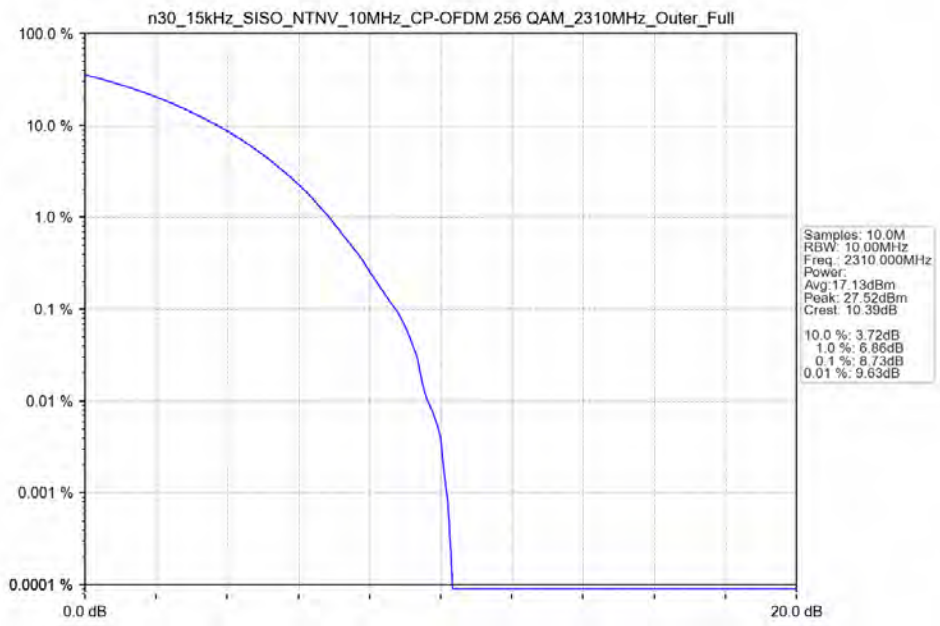

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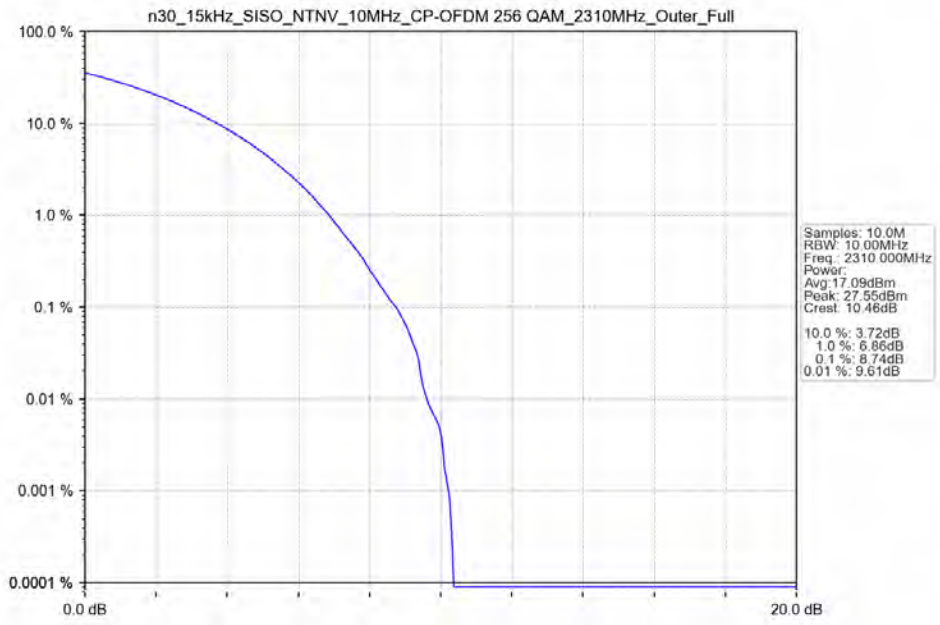

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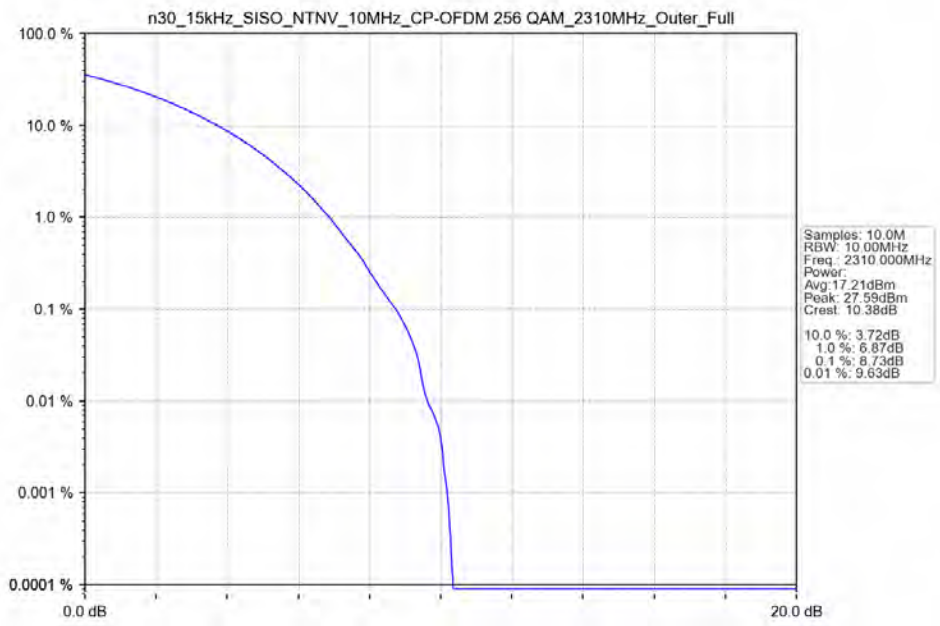

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5. Spurious Emission & Band Edges

5.1 15k_SISO_5MHz_NTNV

5.1.1 Test Result

5G NR n30 SCS=15kHz SISO 5MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2307.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	2310	Edge_1RB_Left	Refer To Test Graph				Pass
	2312.5	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	2307.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	2310	Edge_1RB_Left	Refer To Test Graph				Pass
	2312.5	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	2307.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	2310	Edge_1RB_Left	Refer To Test Graph				Pass
	2312.5	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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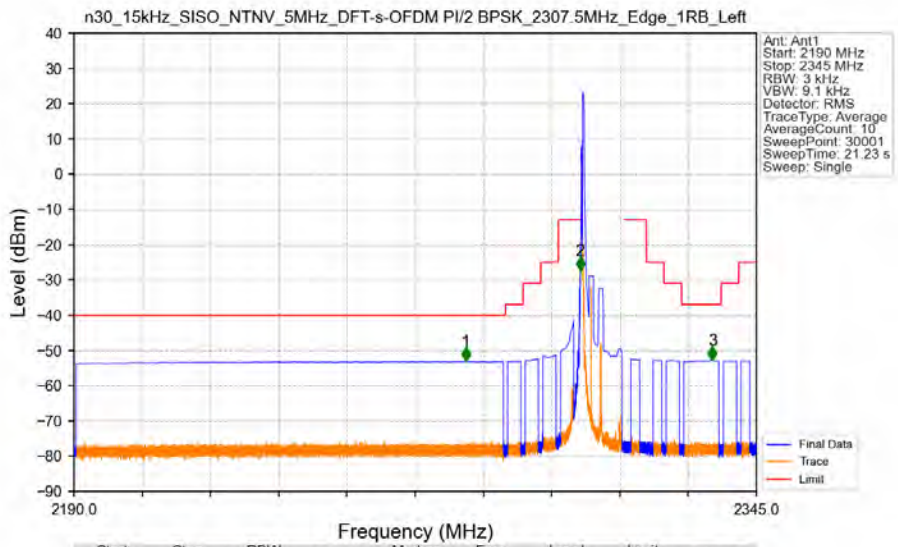

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2278.980	-53.10	-40	Pass
2304	2305	0.003	/	2	2304.994	-27.52	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2345	1	CHP	3	2335.013	-52.90	-37	Pass

n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_2307.5MHz_Edge_1RB_Left

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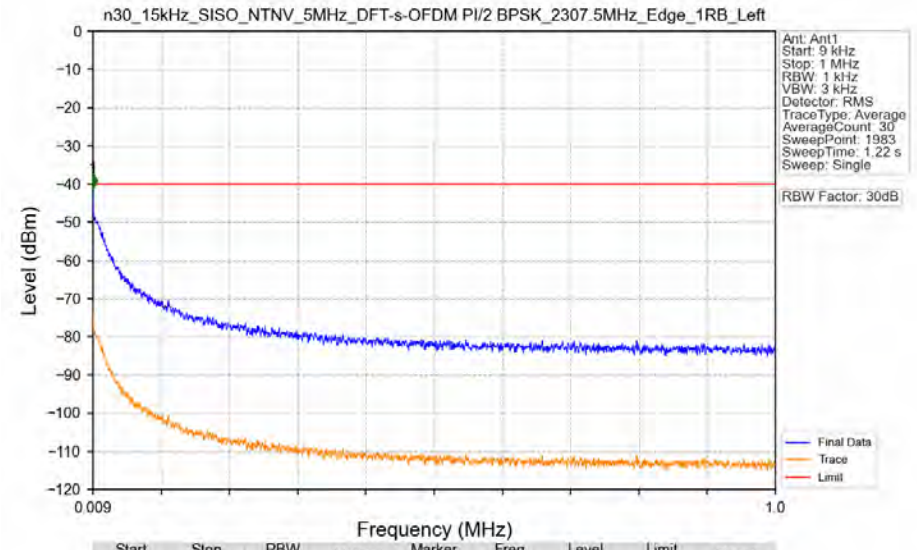

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-41.15	-40	Pass

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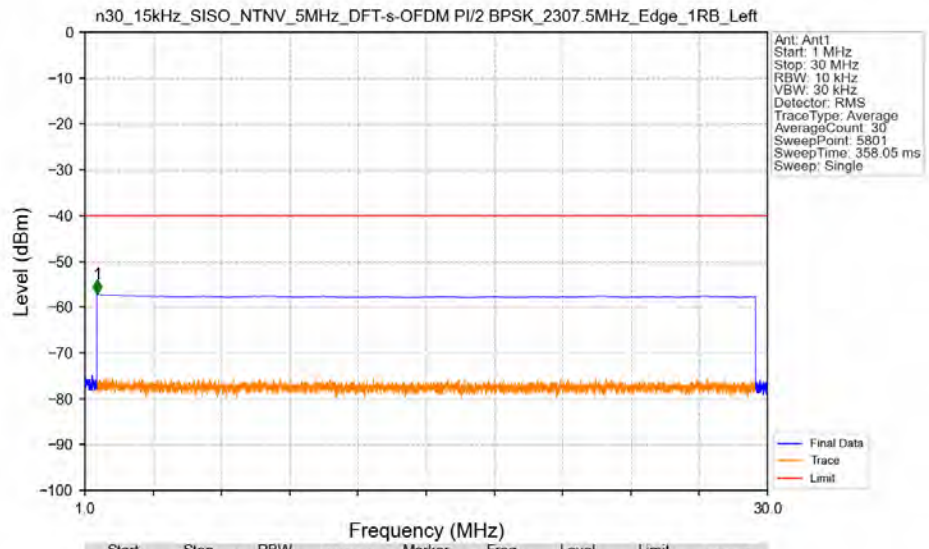

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.520	-57.21	-40	Pass

n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_2307.5MHz_Edge_1RB_Left

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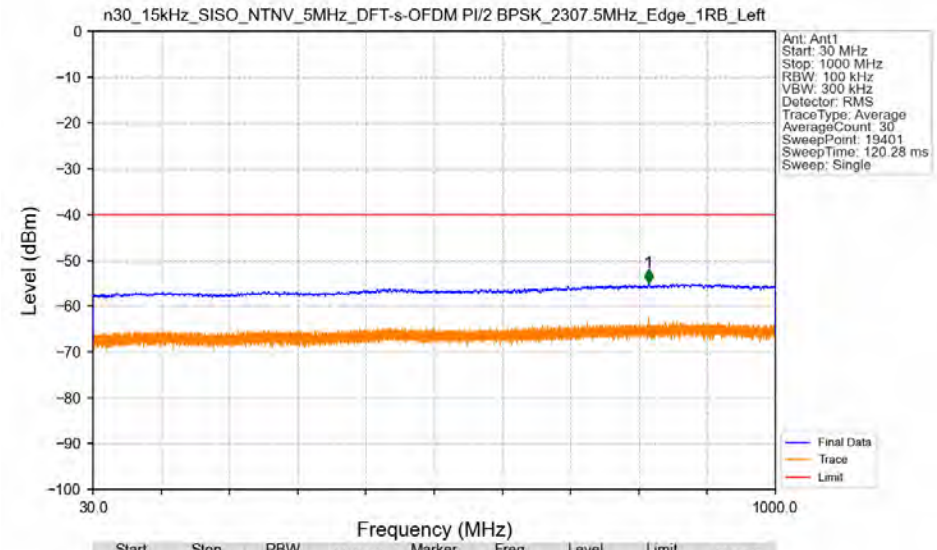

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	819.750	-54.96	-40	Pass

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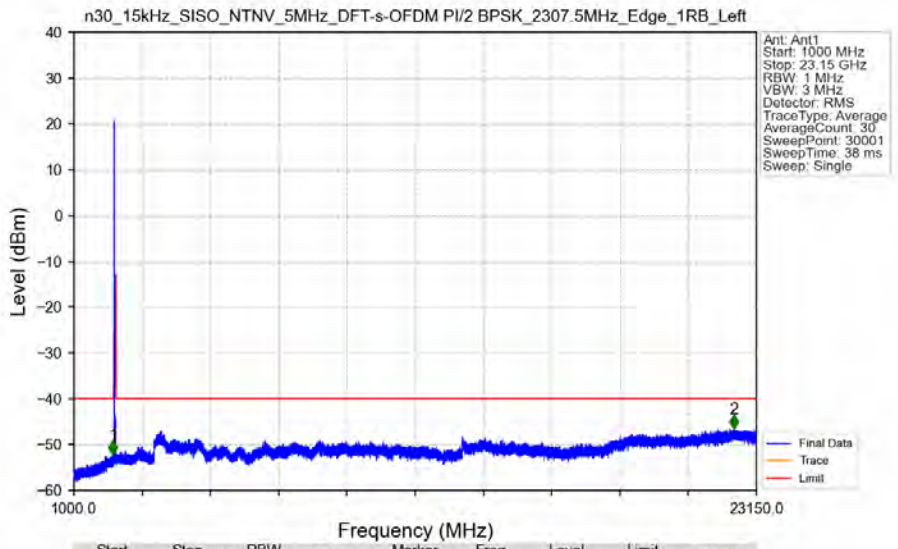

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2300	1	/	1	2267.718	-52.29	-40	Pass
2300	2320	1	/	/	/	/	/	/
2320	23150	1	/	2	22421.265	-46.55	-40	Pass

n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_2307.5MHz_Outer_Full

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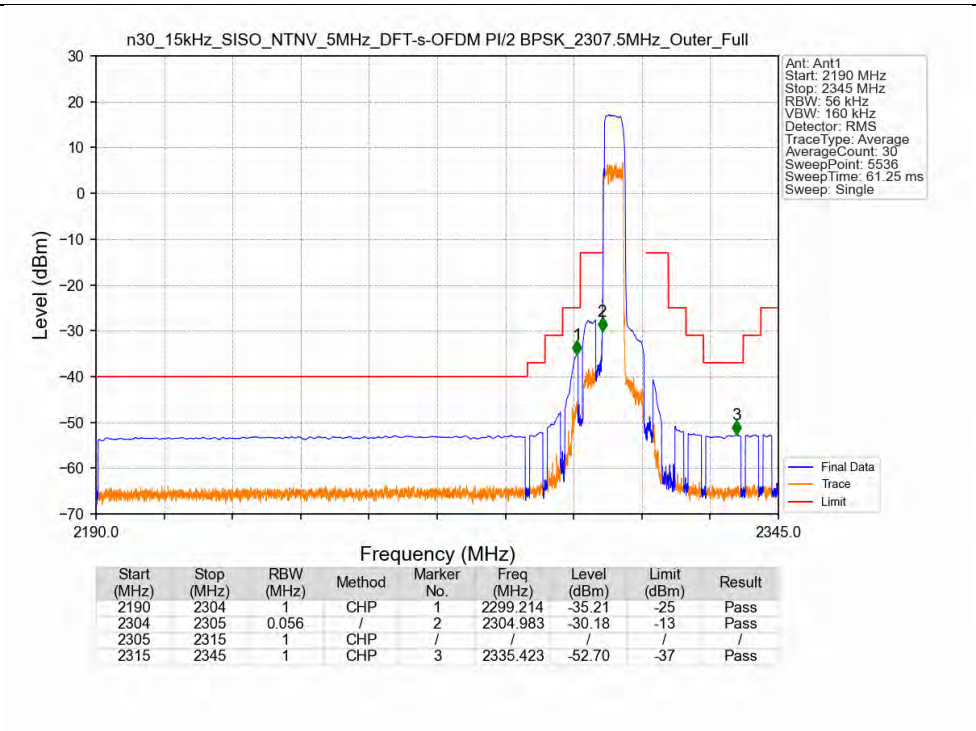

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2299.214	-35.21	-25	Pass
2304	2305	0.056	/	2	2304.983	-30.18	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2345	1	CHP	3	2335.423	-52.70	-37	Pass

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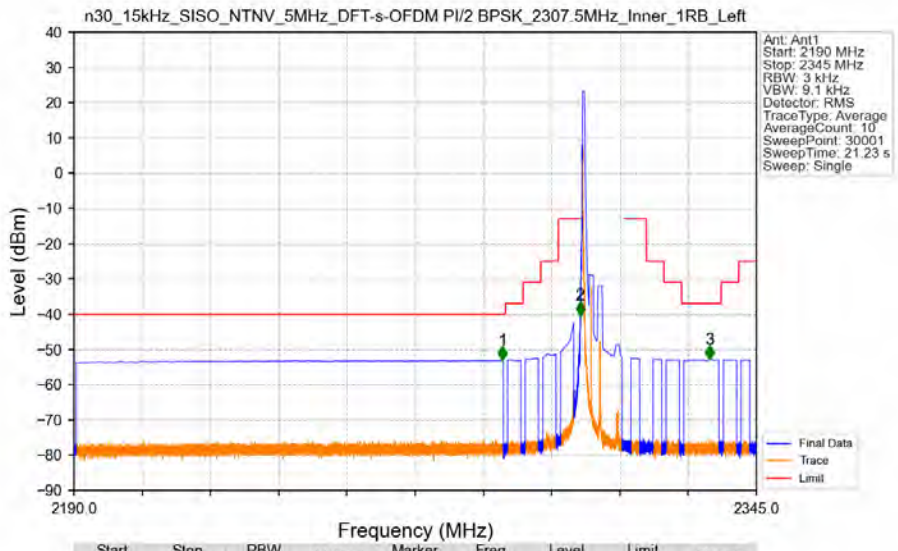

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2287.340	-53.06	-40	Pass
2304	2305	0.003	/	2	2304.989	-40.38	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2345	1	CHP	3	2334.445	-52.95	-37	Pass

n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_2310MHz_Edge_1RB_Left

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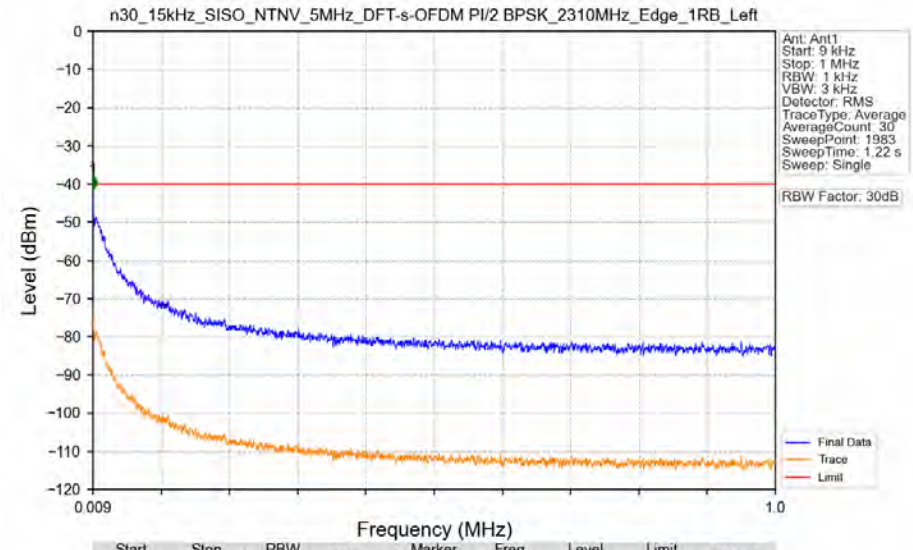

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-41.47	-40	Pass

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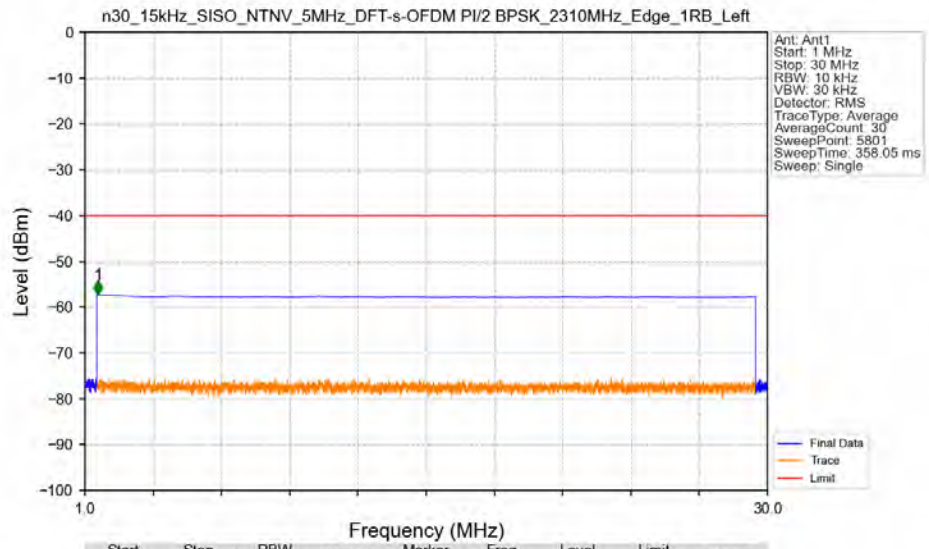

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.565	-57.27	-40	Pass

n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_2310MHz_Edge_1RB_Left

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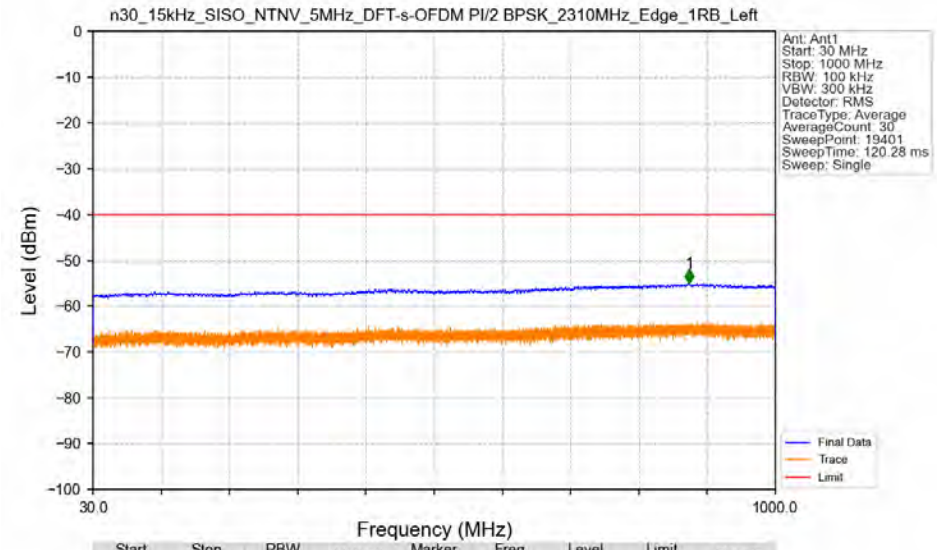

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	877.700	-54.97	-40	Pass

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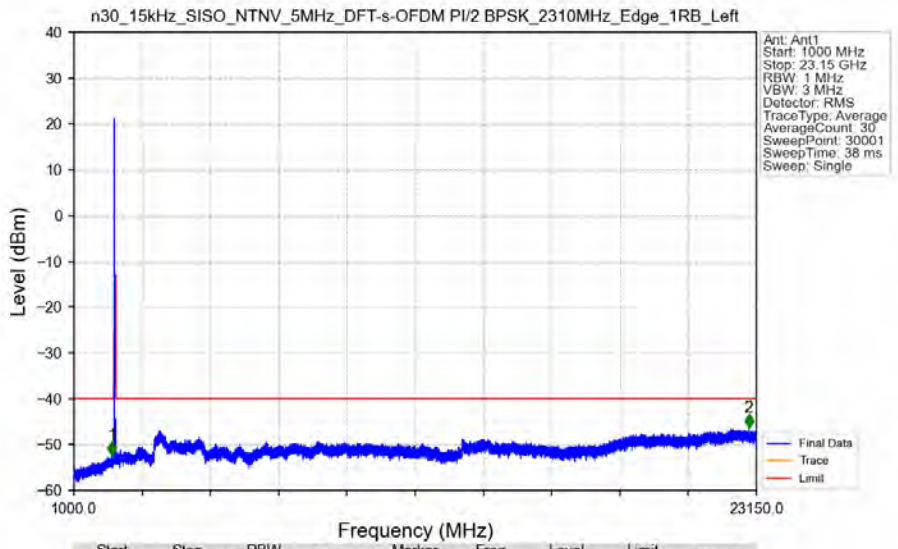

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2300	1	/	1	2238.923	-52.36	-40	Pass
2300	2320	1	/	/	/	/	/	/
2320	23150	1	/	2	22901.920	-46.34	-40	Pass

n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_2312.5MHz_Edge_1RB_Right

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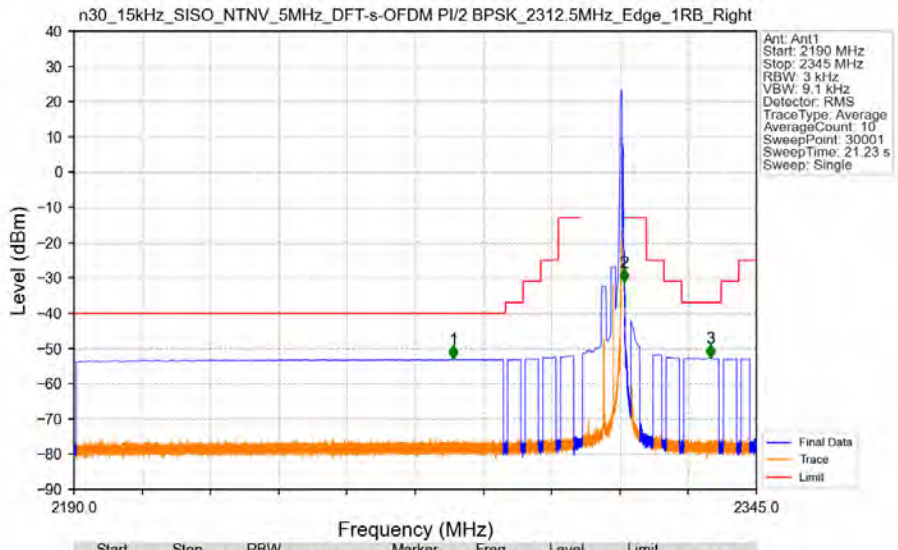

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2305	1	CHP	1	2276.128	-53.09	-40	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	2	2315.008	-31.41	-13	Pass
2316	2345	1	CHP	3	2334.501	-52.85	-37	Pass

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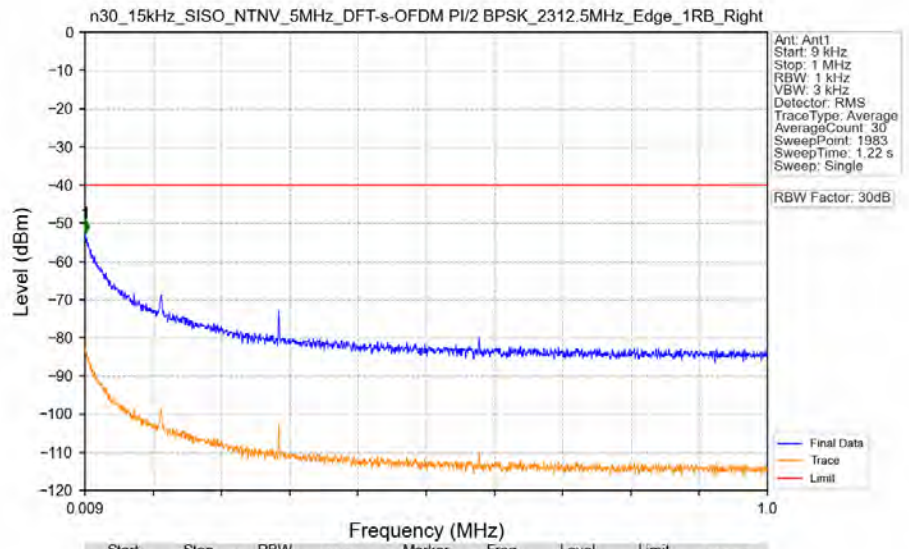

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-52.76	-40	Pass

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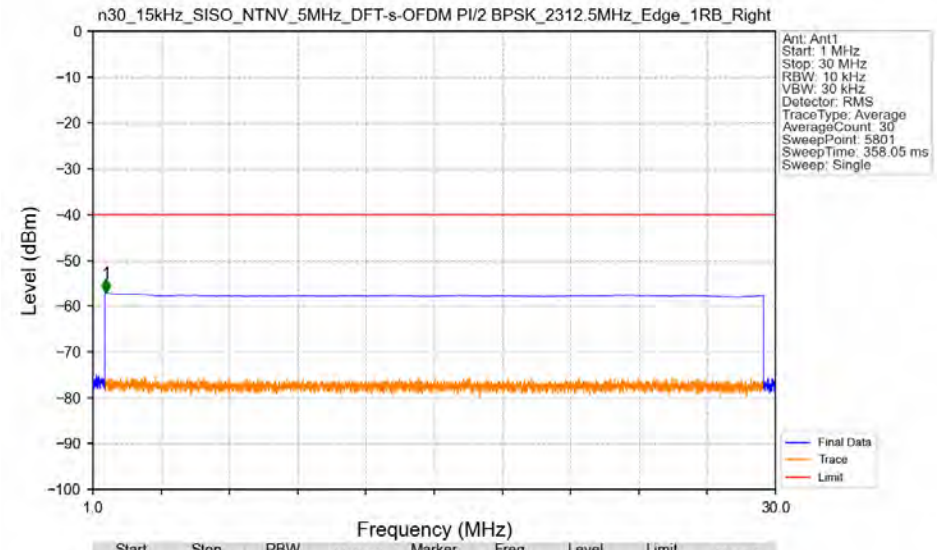

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.555	-57.14	-40	Pass

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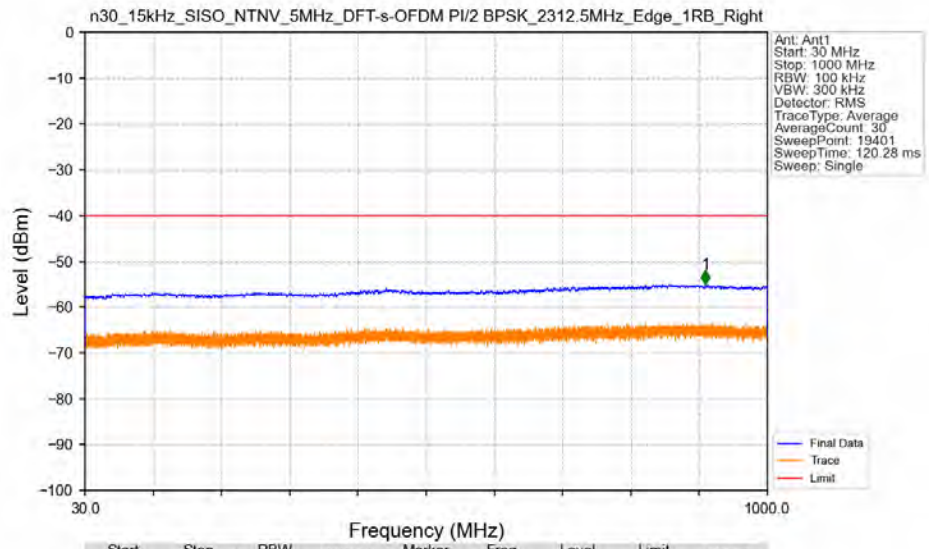

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	911.850	-54.98	-40	Pass

n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_2312.5MHz_Edge_1RB_Right

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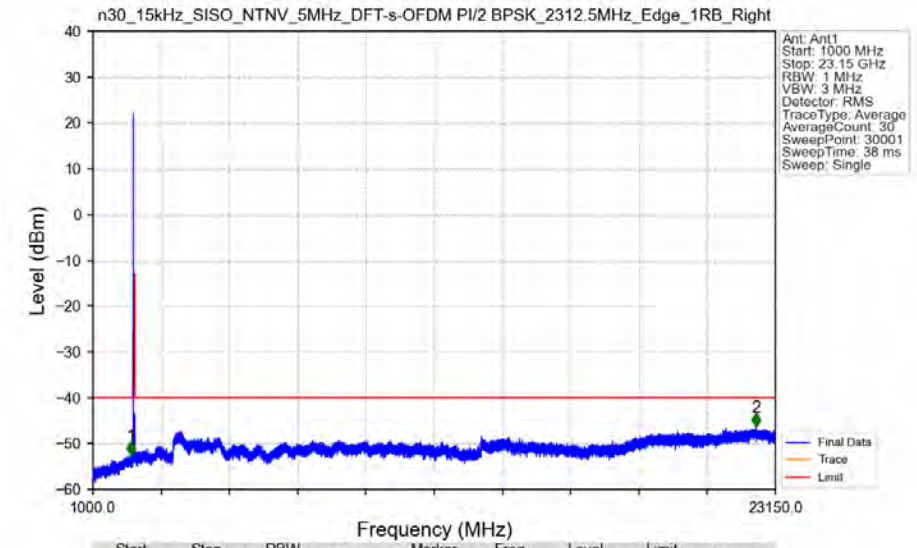

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2300	1	/	1	2234.493	-52.61	-40	Pass
2300	2320	1	/	/	/	/	/	/
2320	23150	1	/	2	22526.847	-46.42	-40	Pass

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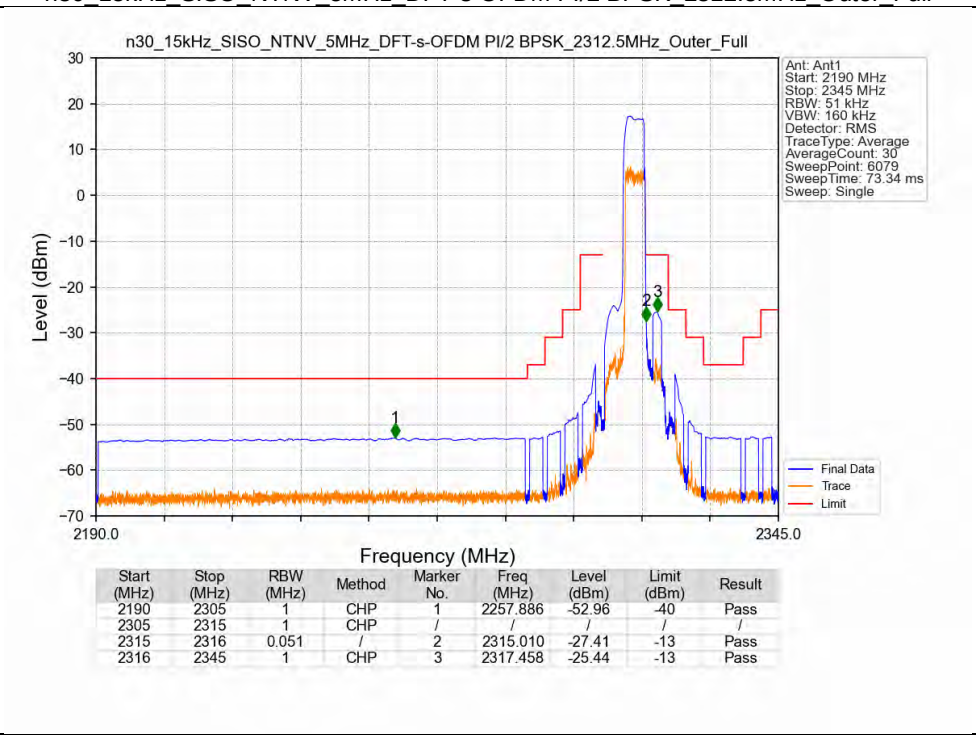
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_2312.5MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2305	1	CHP	1	2257.886	-52.96	-40	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.051	/	2	2315.010	-27.41	-13	Pass
2316	2345	1	CHP	3	2317.458	-25.44	-13	Pass

n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_2312.5MHz_Inner_1RB_Right

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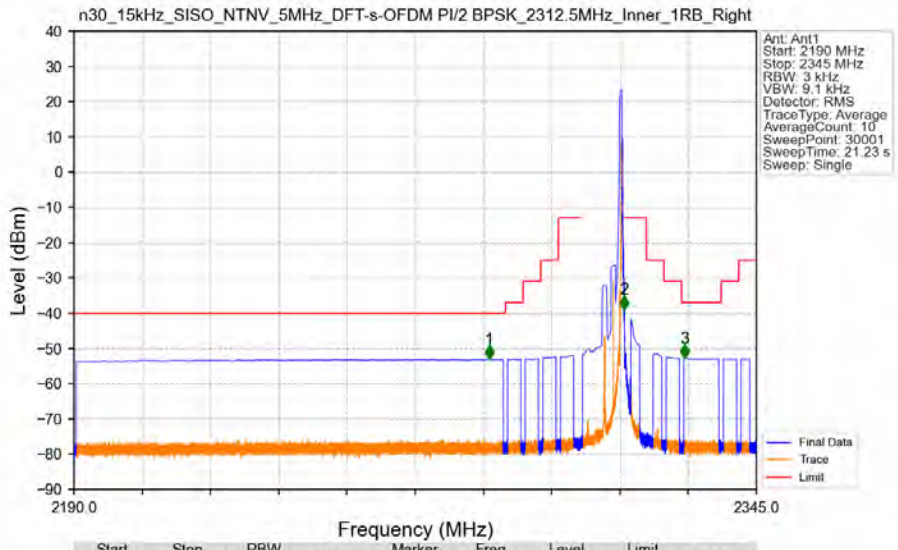

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2305	1	CHP	1	2284.354	-53.05	-40	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	2	2315.008	-38.99	-13	Pass
2316	2345	1	CHP	3	2328.740	-52.88	-37	Pass

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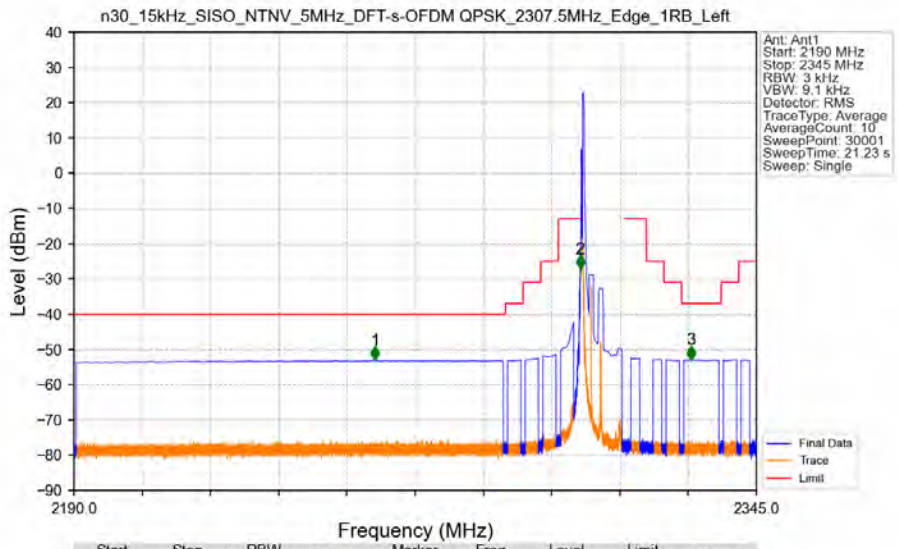
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_2307.5MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2258.370	-53.15	-40	Pass
2304	2305	0.003	/	2	2304.994	-27.22	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2345	1	CHP	3	2330.161	-52.98	-37	Pass

n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_2307.5MHz_Edge_1RB_Left

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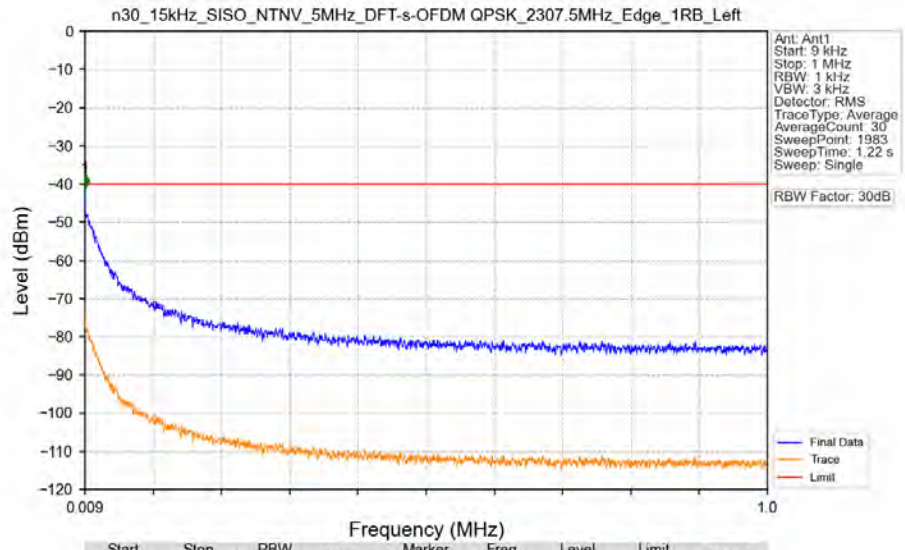

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-41.14	-40	Pass

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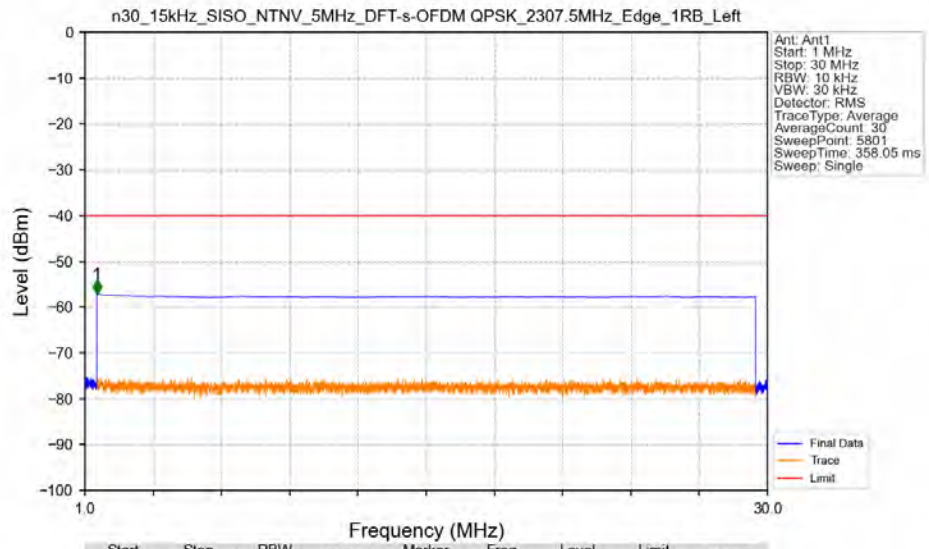

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.515	-57.13	-40	Pass

n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_2307.5MHz_Edge_1RB_Left

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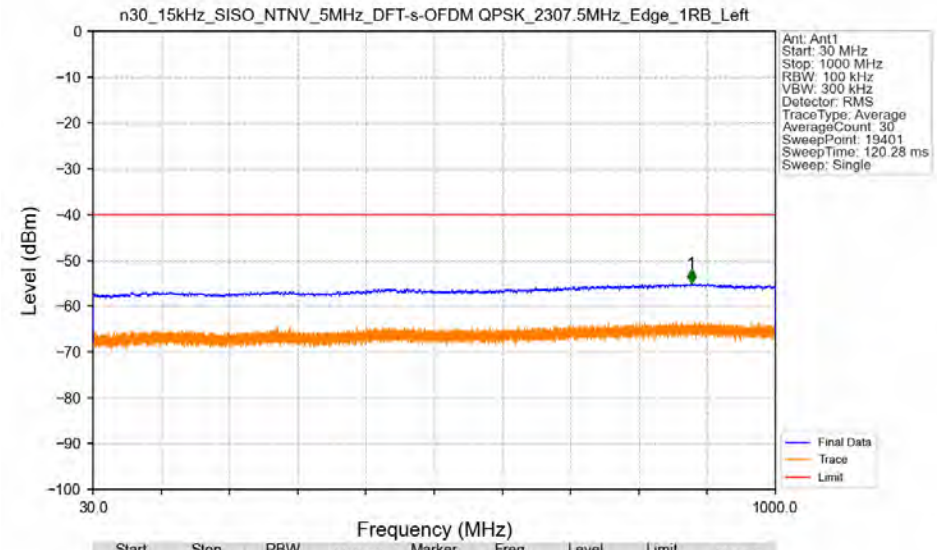

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	880.250	-55.04	-40	Pass

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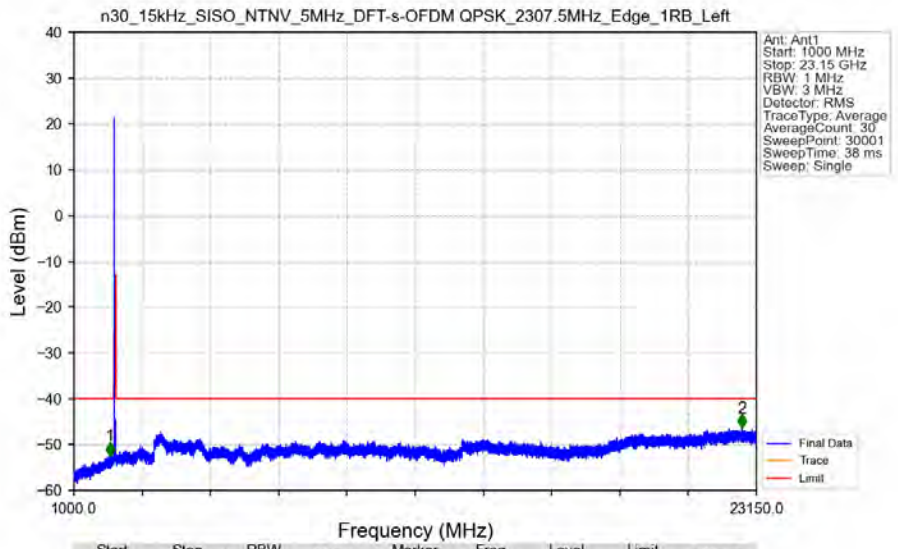

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2300	1	/	1	2172.473	-52.50	-40	Pass
2300	2320	1	/	/	/	/	/	/
2320	23150	1	/	2	22673.775	-46.49	-40	Pass

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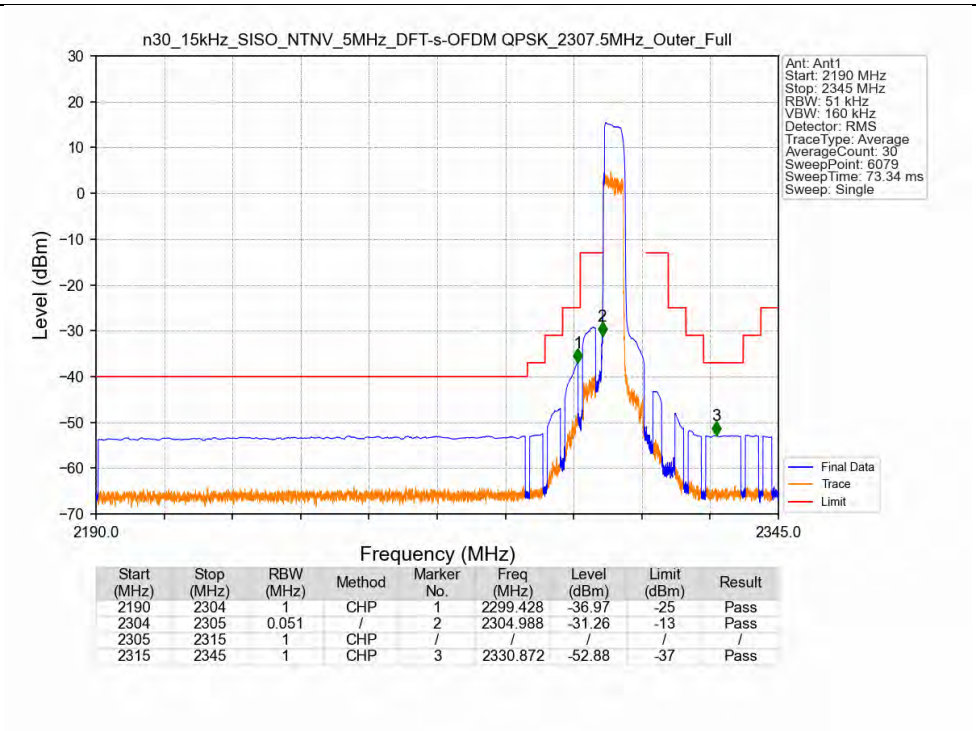

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2299.428	-36.97	-25	Pass
2304	2305	0.051	/	2	2304.988	-31.26	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2345	1	CHP	3	2330.872	-52.88	-37	Pass

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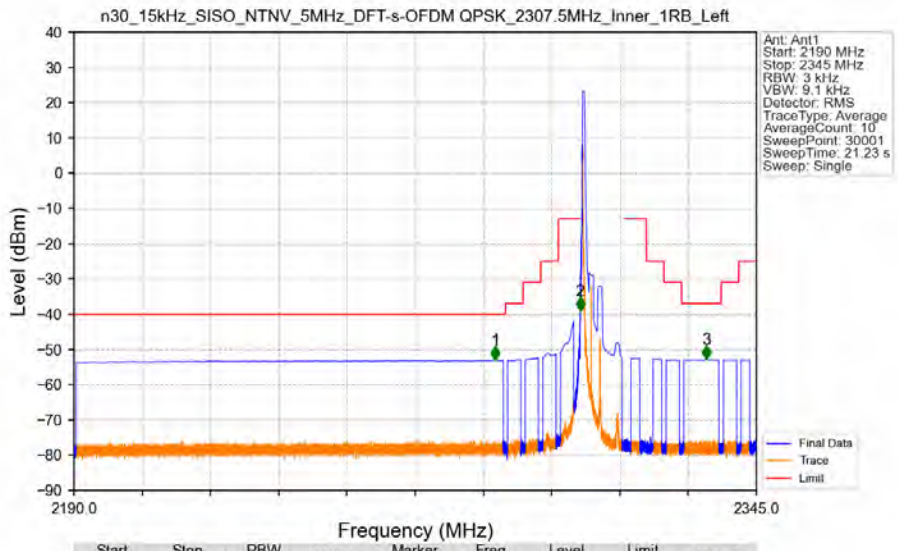

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2285.702	-53.03	-40	Pass
2304	2305	0.003	/	2	2305.000	-39.12	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2345	1	CHP	3	2333.623	-52.91	-37	Pass

n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_2310MHz_Edge_1RB_Left

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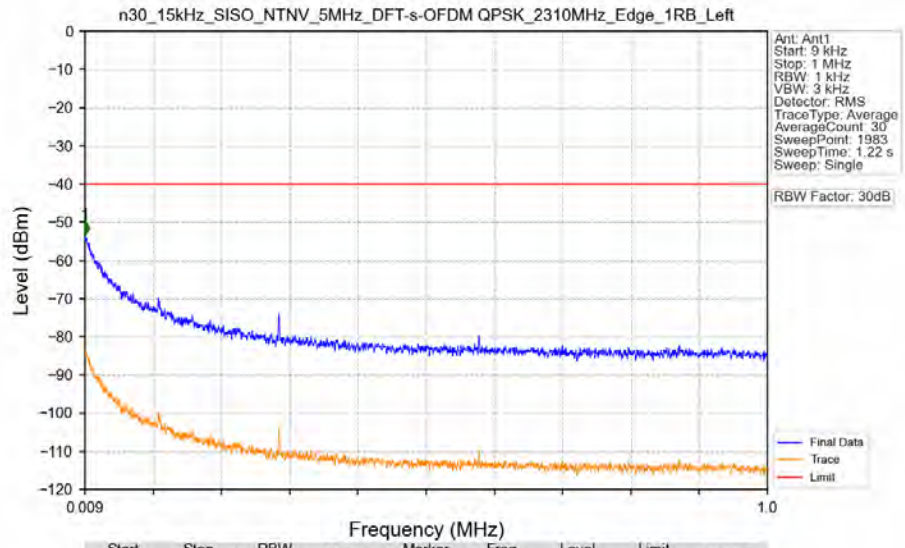

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-53.38	-40	Pass

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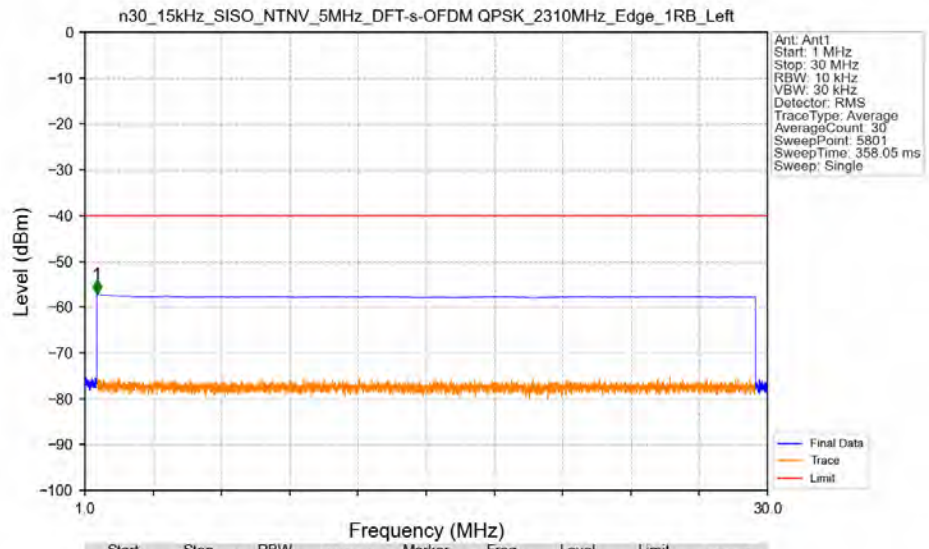

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-57.22	-40	Pass

n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_2310MHz_Edge_1RB_Left

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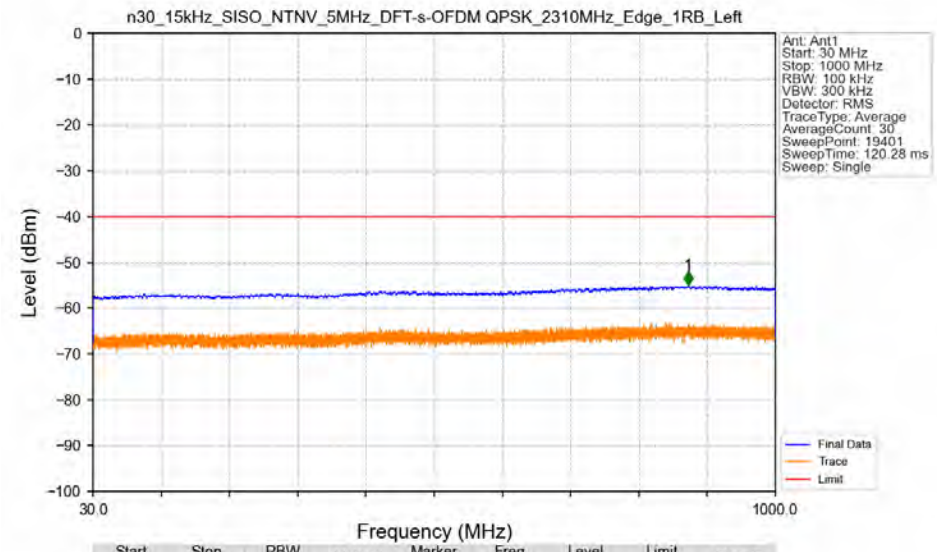

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	876.200	-55.10	-40	Pass

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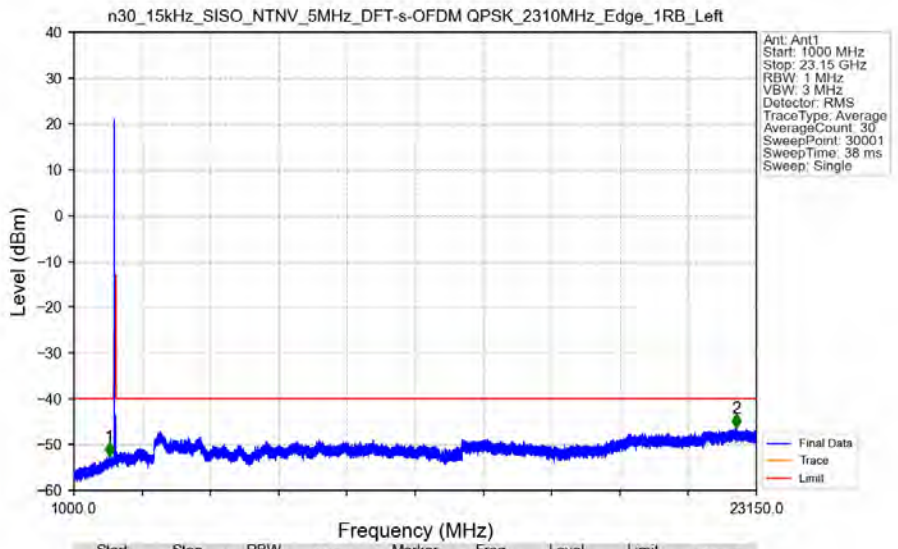
n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_2310MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2300	1	/	1	2150.323	-52.65	-40	Pass
2300	2320	1	/	/	/	/	/	/
2320	23150	1	/	2	22494.360	-46.40	-40	Pass

n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_2312.5MHz_Edge_1RB_Right

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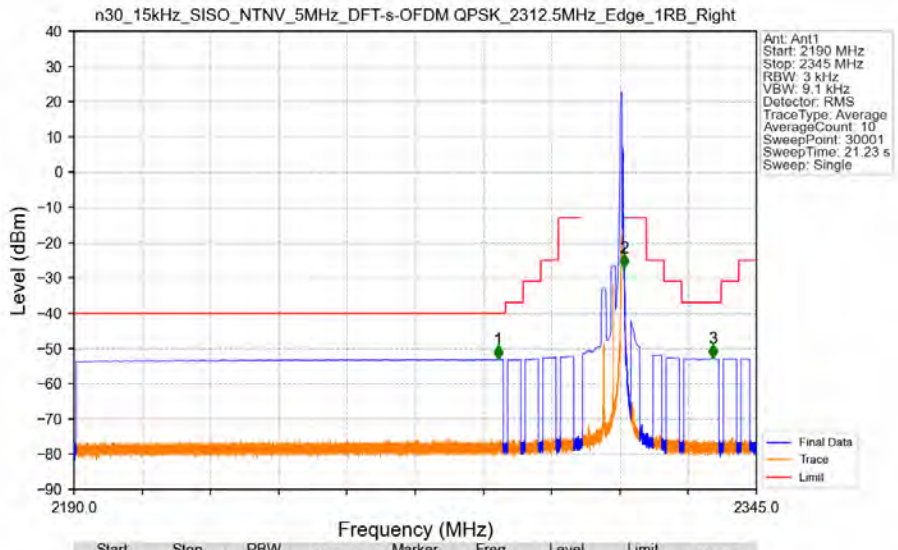

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2305	1	CHP	1	2286.322	-53.11	-40	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	2	2315.002	-27.18	-13	Pass
2316	2345	1	CHP	3	2335.075	-52.88	-37	Pass

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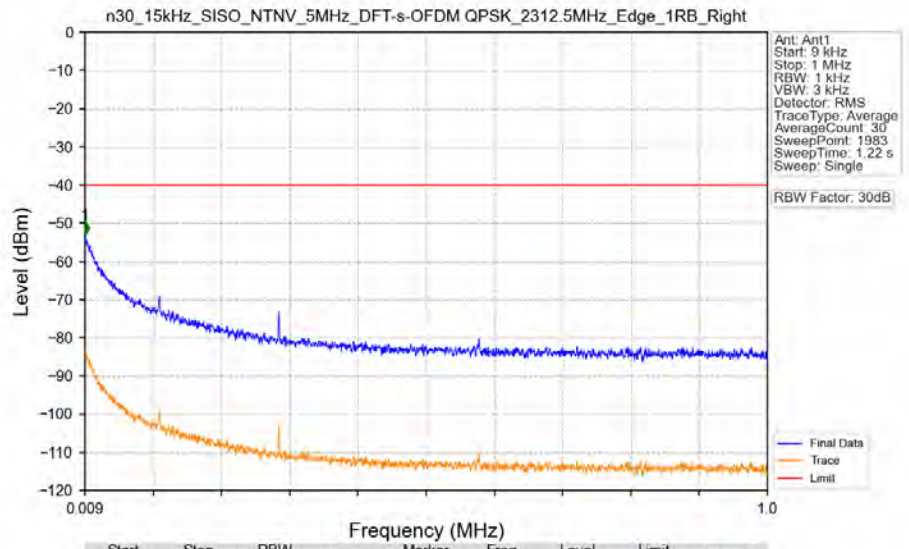

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-53.22	-40	Pass

n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_2312.5MHz_Edge_1RB_Right

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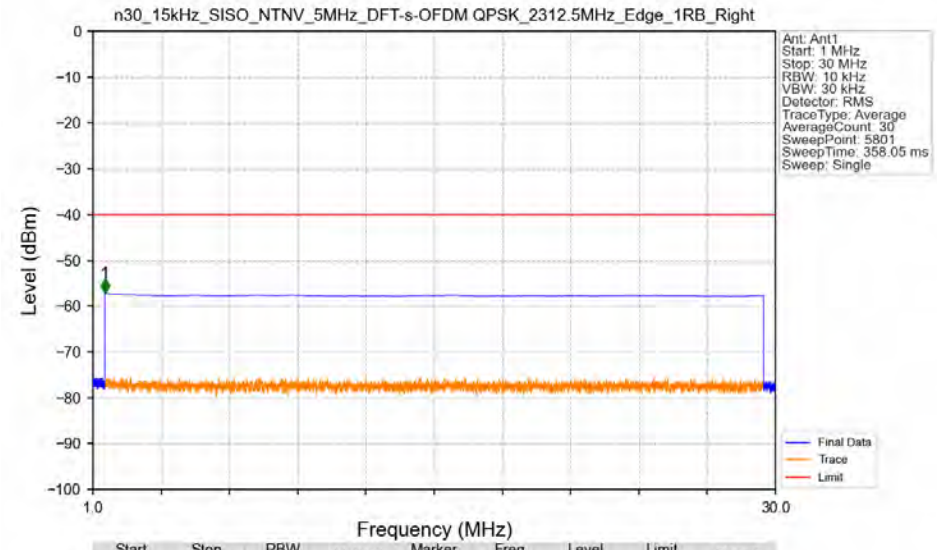

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-57.21	-40	Pass

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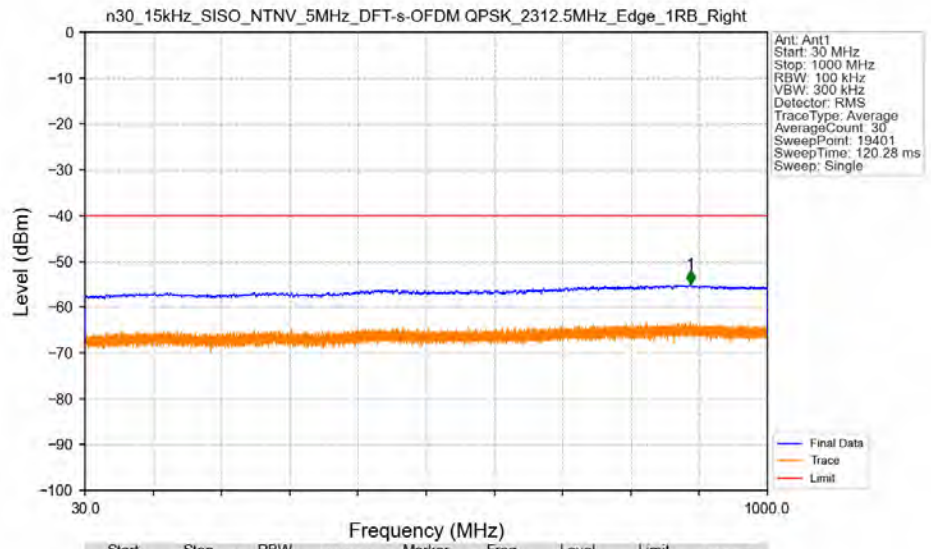

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	890.800	-54.99	-40	Pass

n30_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_2312.5MHz_Edge_1RB_Right

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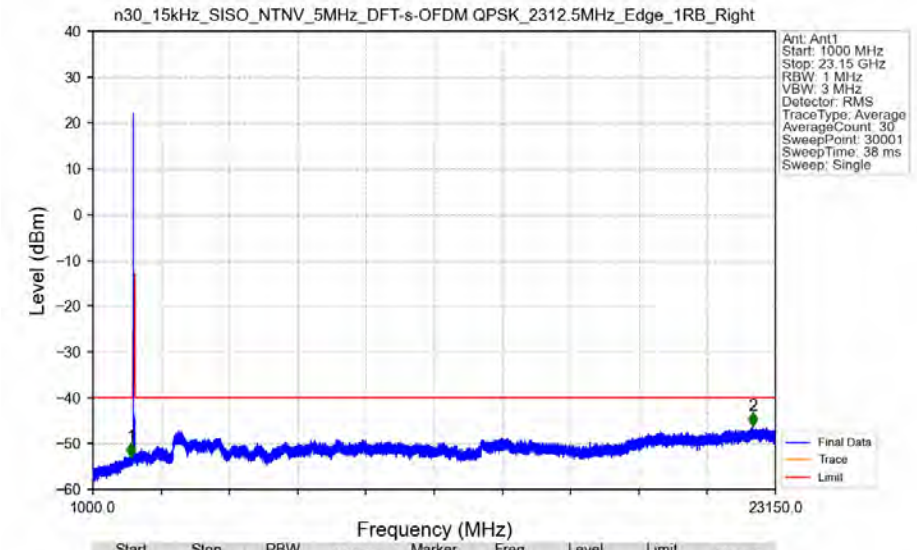

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2300	1	/	1	2234.493	-52.86	-40	Pass
2300	2320	1	/	/	/	/	/	/
2320	23150	1	/	2	22409.452	-46.15	-40	Pass

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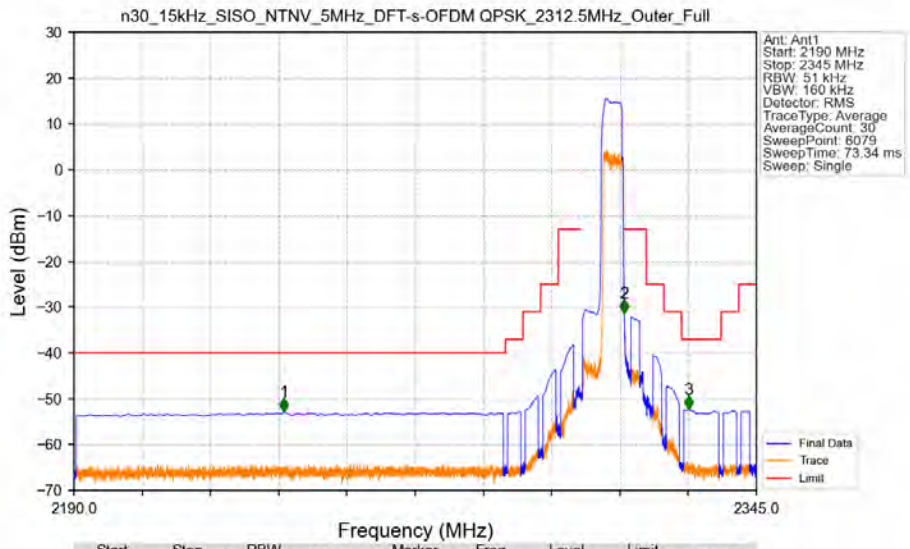

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2305	1	CHP	1	2237.688	-52.97	-40	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.051	/	2	2315.010	-31.37	-13	Pass
2316	2345	1	CHP	3	2329.648	-52.43	-37	Pass

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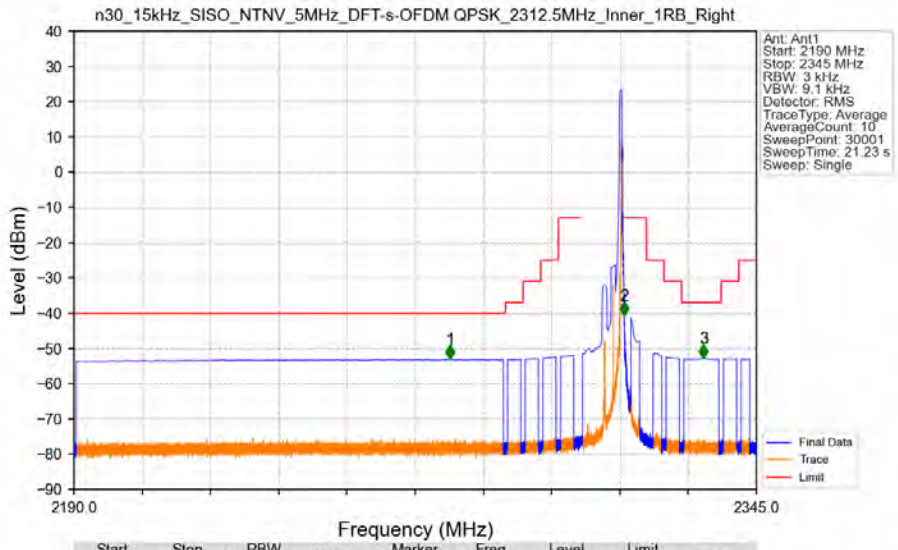

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2305	1	CHP	1	2275.395	-53.06	-40	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	2	2315.002	-40.68	-13	Pass
2316	2345	1	CHP	3	2332.998	-52.86	-37	Pass

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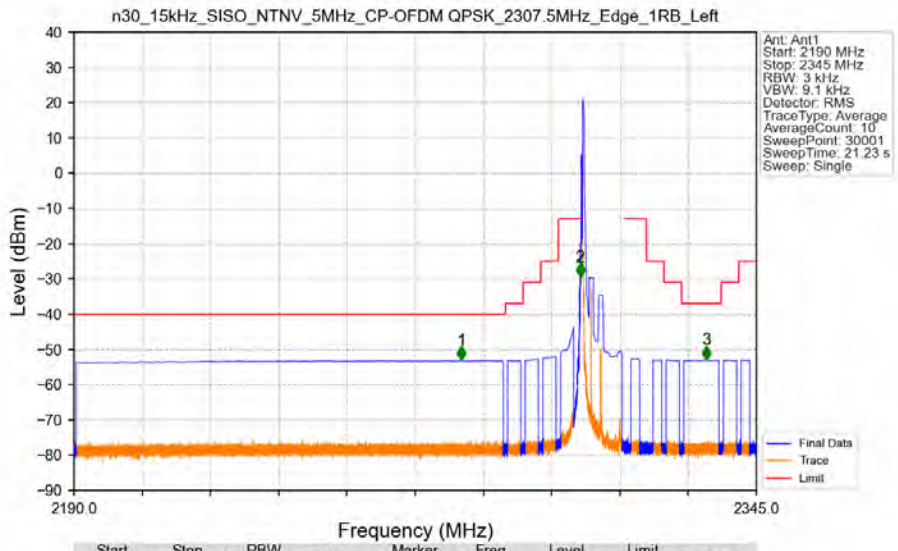

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2278.014	-53.18	-40	Pass
2304	2305	0.003	/	2	2304.979	-29.44	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2345	1	CHP	3	2333.587	-52.99	-37	Pass

n30_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_2307.5MHz_Edge_1RB_Left

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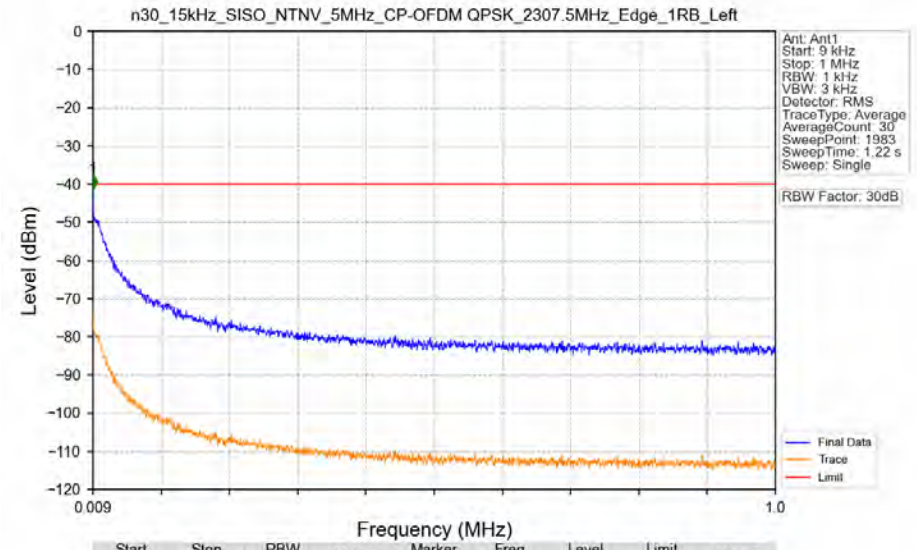

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-41.34	-40	Pass

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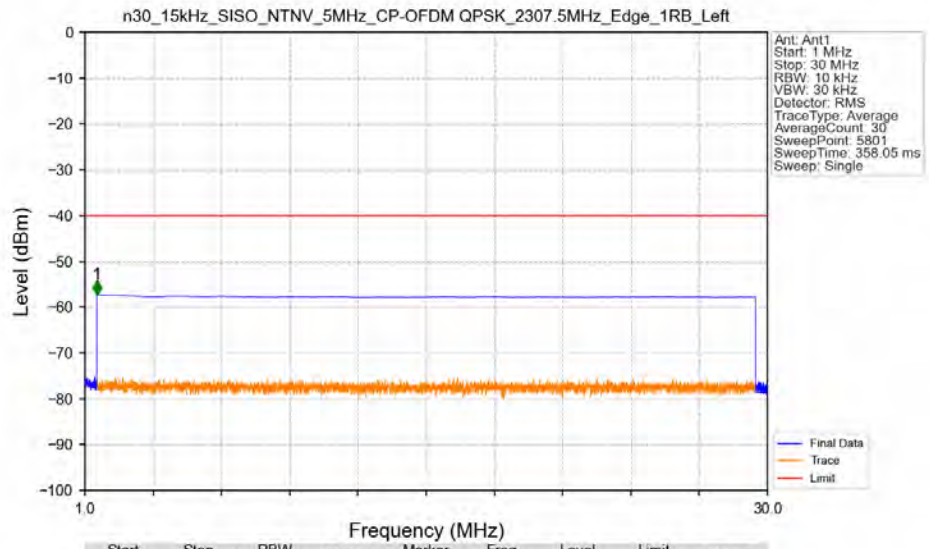

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-57.24	-40	Pass

n30_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_2307.5MHz_Edge_1RB_Left

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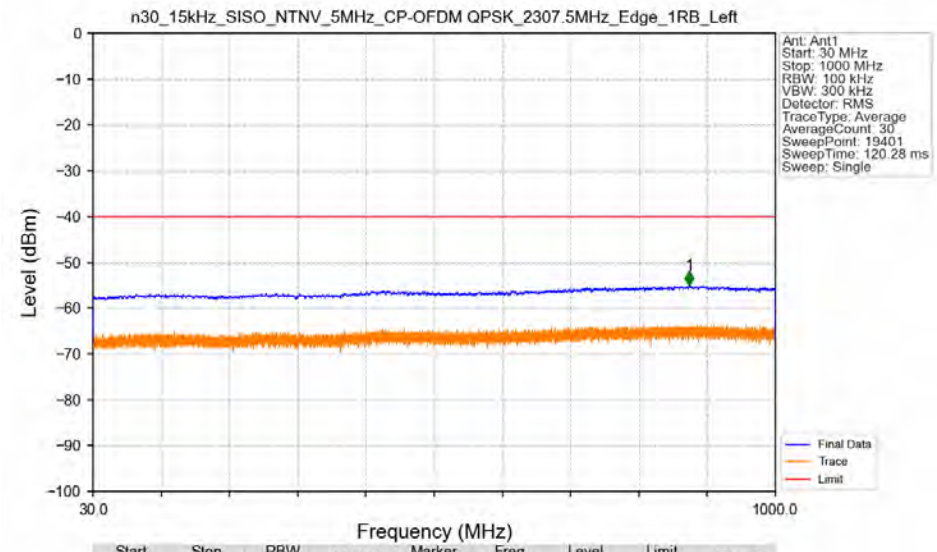

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	877.500	-55.09	-40	Pass

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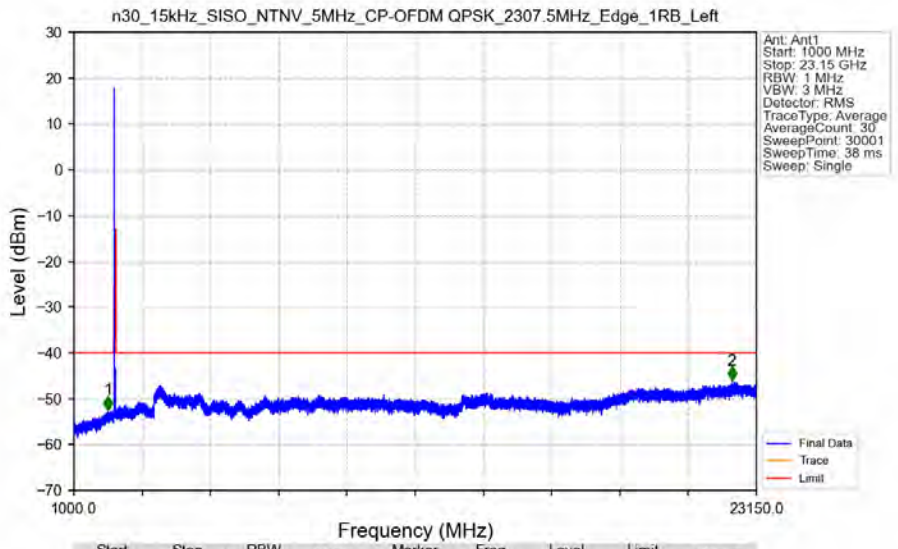
n30_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_2307.5MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2300	1	/	1	2108.977	-52.45	-40	Pass
2300	2320	1	/	/	/	/	/	/
2320	23150	1	/	2	22352.600	-46.05	-40	Pass

n30_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_2307.5MHz_Outer_Full

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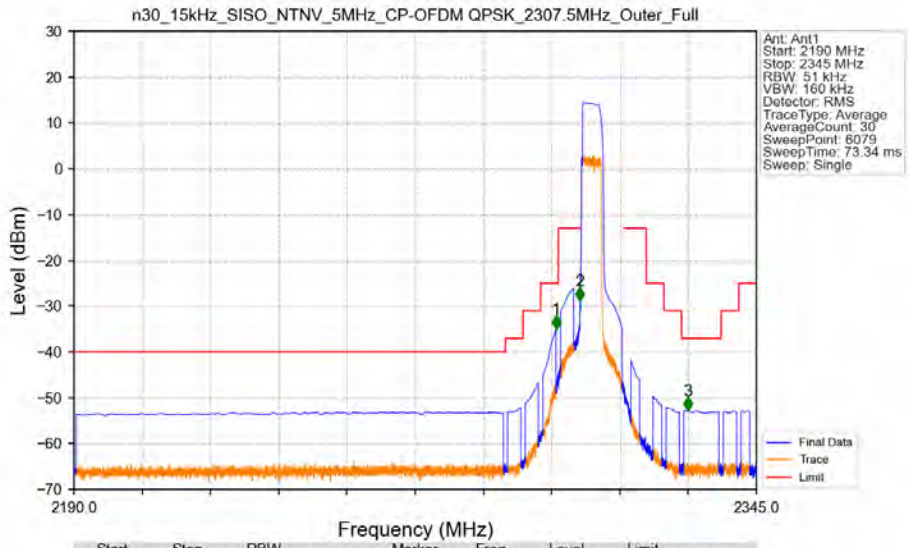

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2299.479	-35.05	-25	Pass
2304	2305	0.051	/	2	2304.962	-28.97	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2345	1	CHP	3	2329.495	-52.86	-37	Pass

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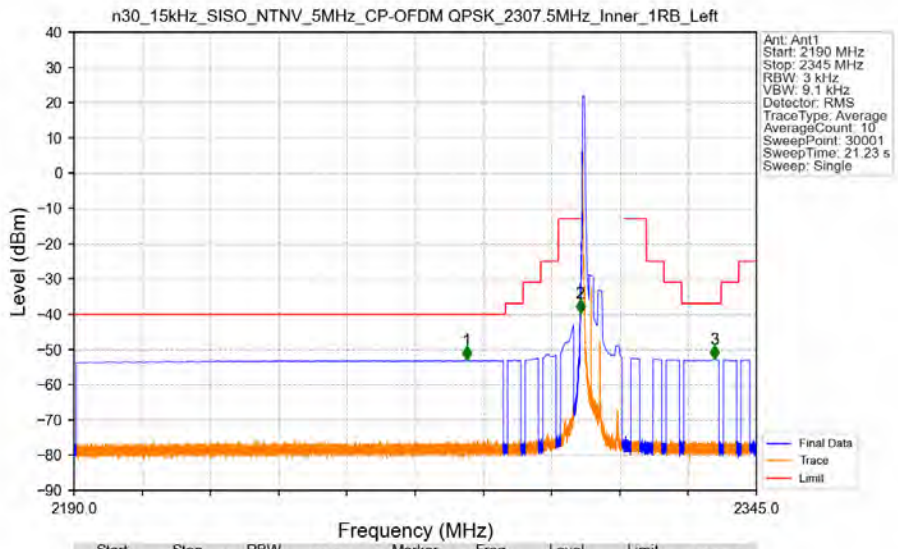

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2279.182	-53.13	-40	Pass
2304	2305	0.003	/	2	2304.989	-39.74	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2345	1	CHP	3	2335.555	-52.93	-37	Pass

n30_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_2310MHz_Edge_1RB_Left

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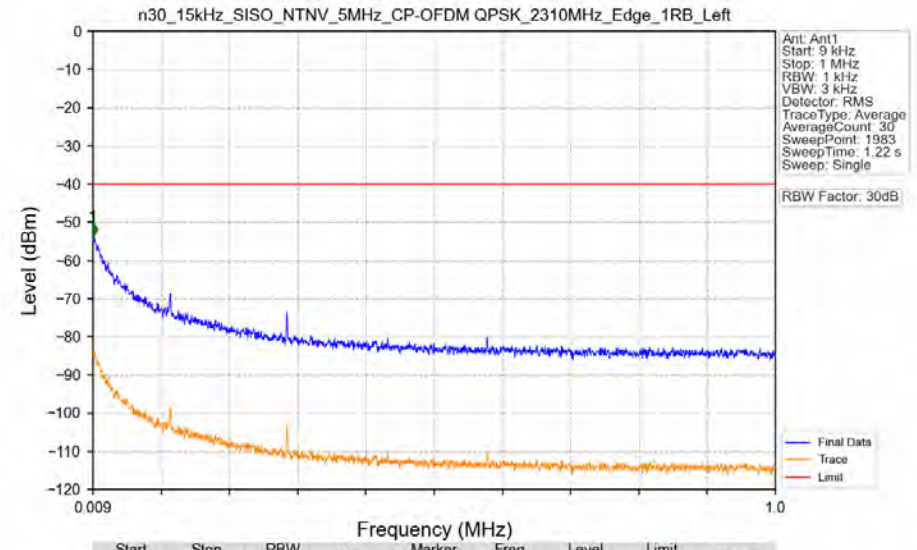

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-53.72	-40	Pass

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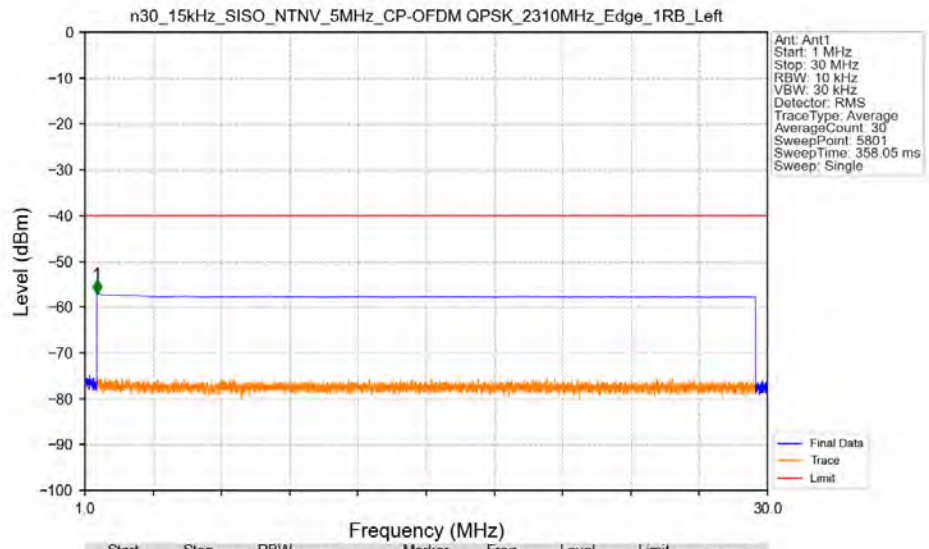
n30_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_2310MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-57.10	-40	Pass

n30_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_2310MHz_Edge_1RB_Left

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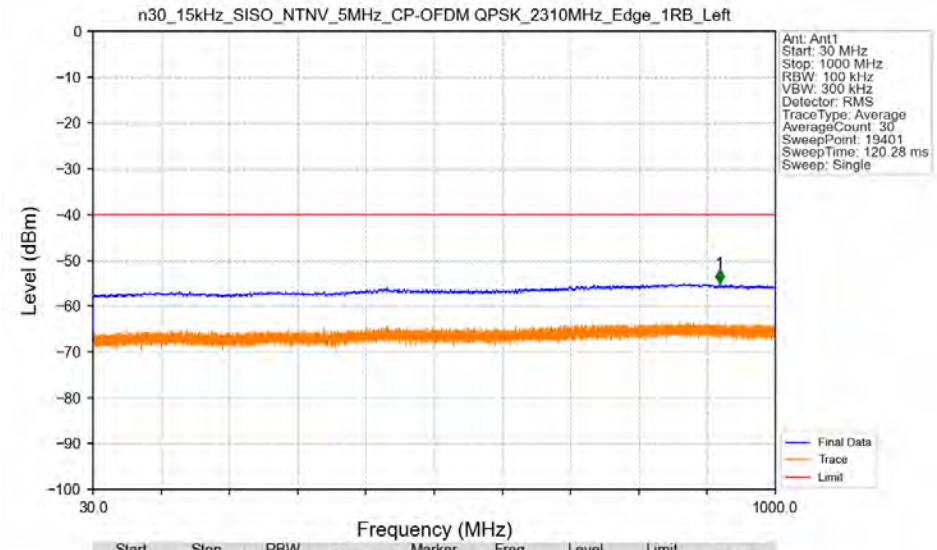

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	920.600	-55.07	-40	Pass

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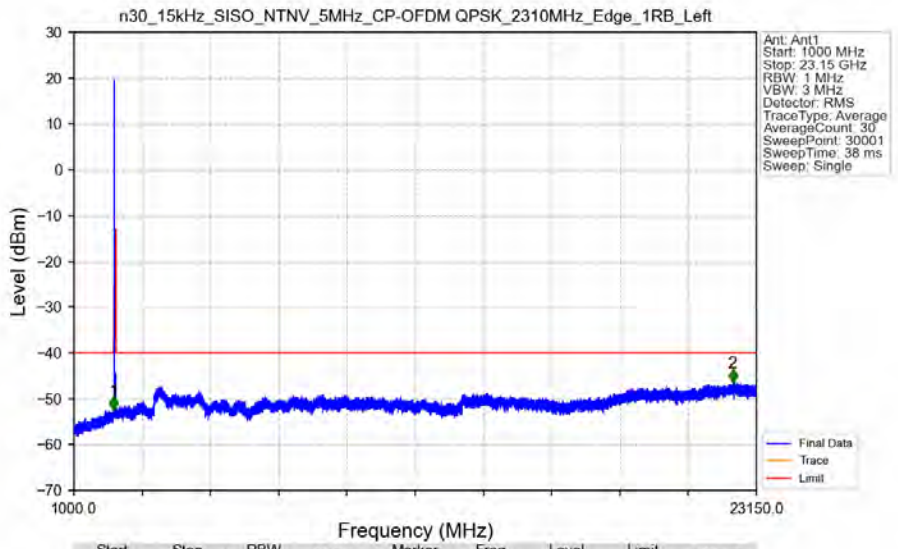

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2300	1	/	1	2287.653	-52.53	-40	Pass
2300	2320	1	/	/	/	/	/	/
2320	23150	1	/	2	22379.180	-46.52	-40	Pass

n30_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_2312.5MHz_Edge_1RB_Right

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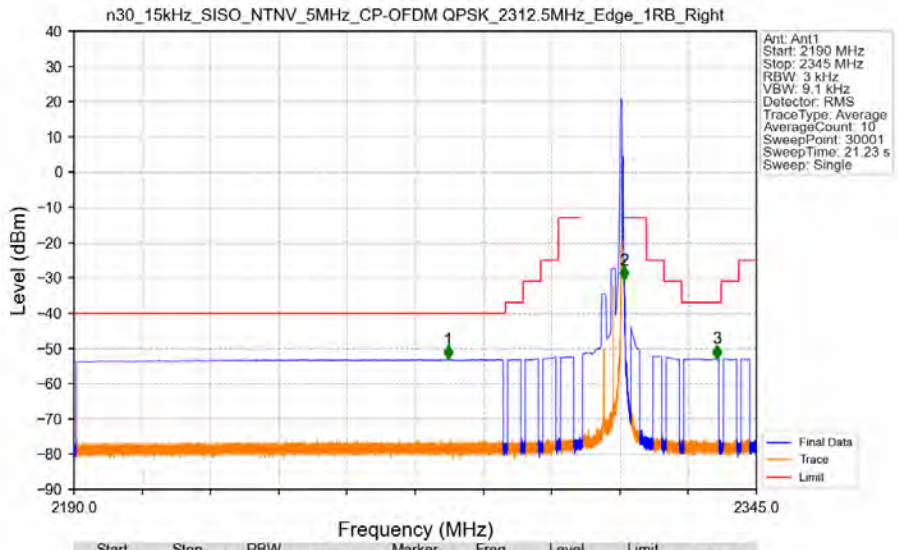

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2305	1	CHP	1	2274.986	-53.18	-40	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	2	2315.002	-30.57	-13	Pass
2316	2345	1	CHP	3	2336.041	-52.98	-37	Pass

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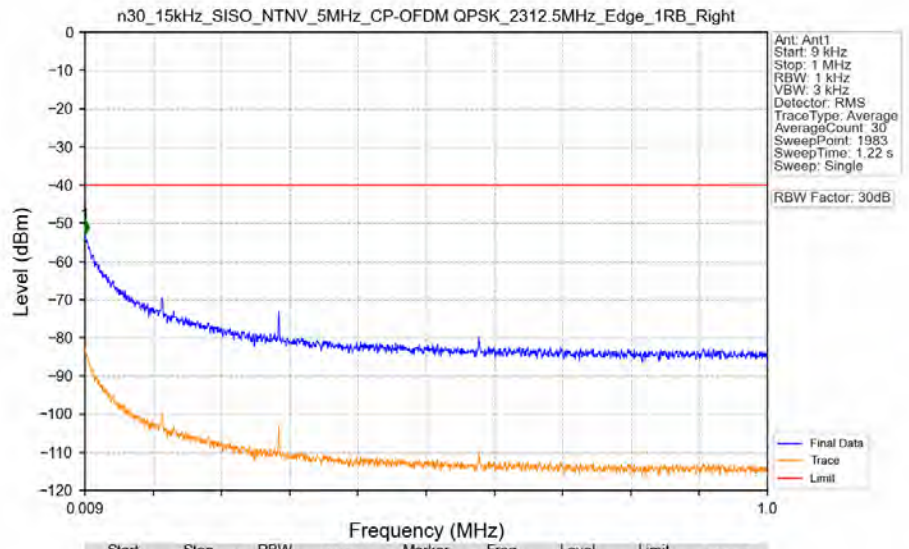

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-52.86	-40	Pass

n30_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_2312.5MHz_Edge_1RB_Right

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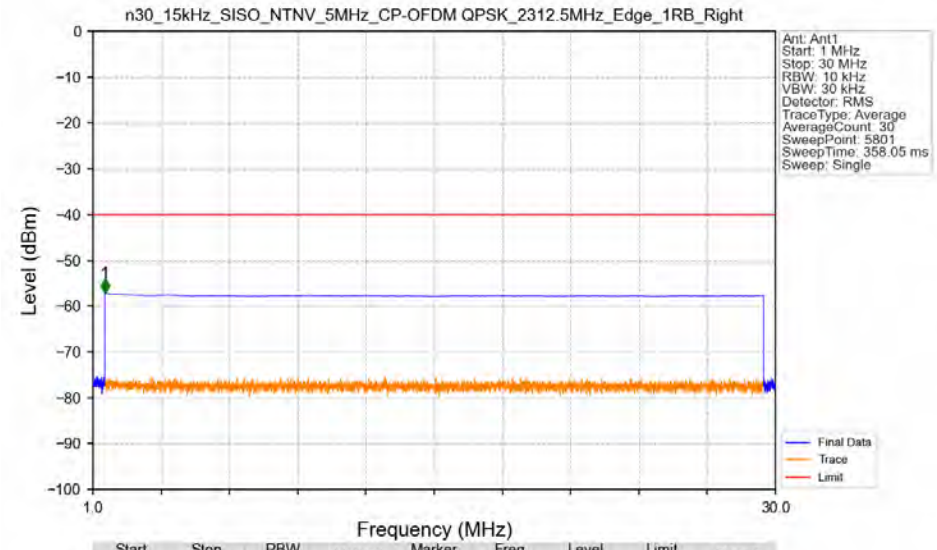

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-57.19	-40	Pass

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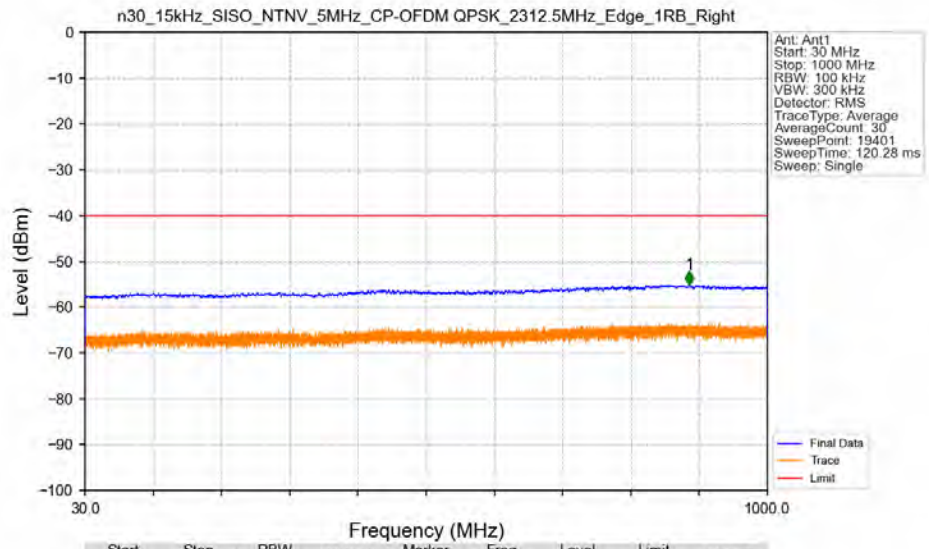
n30_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_2312.5MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	889.100	-55.11	-40	Pass

n30_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_2312.5MHz_Edge_1RB_Right

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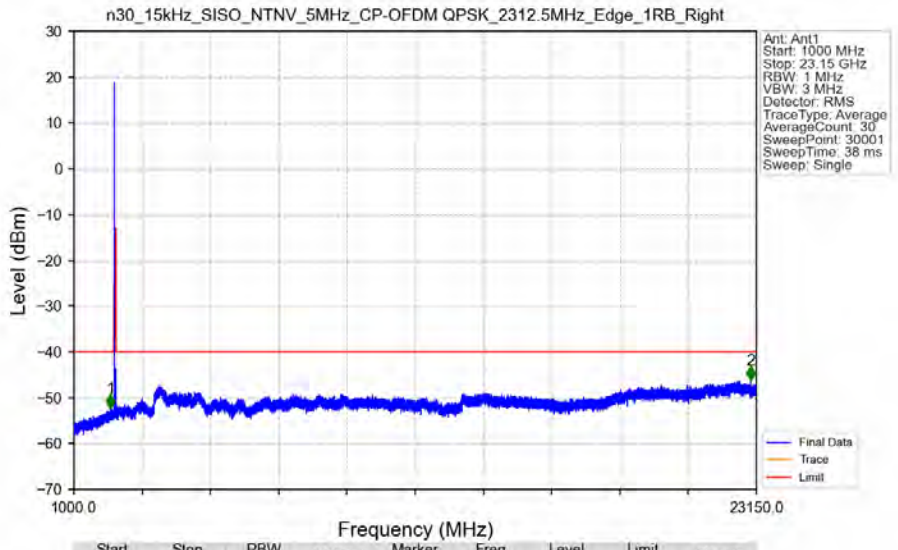

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2300	1	/	1	2187.978	-52.41	-40	Pass
2300	2320	1	/	/	/	/	/	/
2320	23150	1	/	2	22960.248	-46.22	-40	Pass

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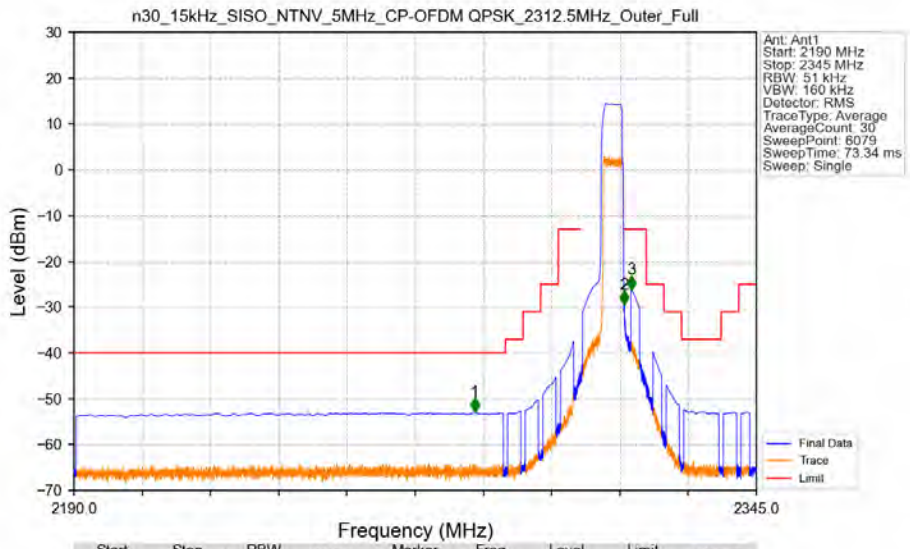
n30_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_2312.5MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2305	1	CHP	1	2280.990	-52.94	-40	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.051	/	2	2315.010	-29.50	-13	Pass
2316	2345	1	CHP	3	2316.514	-26.17	-13	Pass

n30_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_2312.5MHz_Inner_1RB_Right

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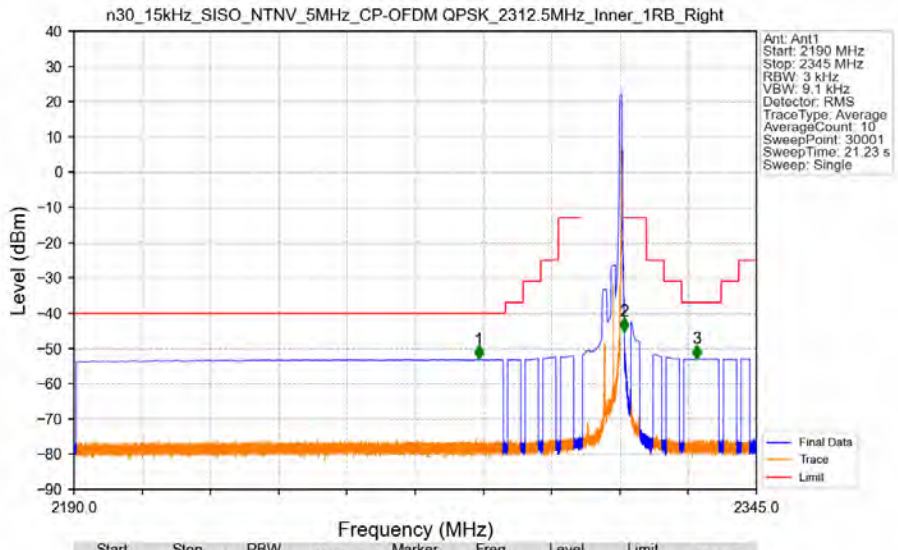

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2305	1	CHP	1	2281.972	-53.14	-40	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	2	2315.023	-45.19	-13	Pass
2316	2345	1	CHP	3	2331.499	-52.97	-37	Pass

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5.2 15k_SISO_10MHz_NTNV

5.2.1 Test Result

5G NR n30 SCS=15kHz SISO 10MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2310	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	2310	Edge_1RB_Left	Refer To Test Graph				Pass
	2310	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	2310	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	2310	Edge_1RB_Left	Refer To Test Graph				Pass
	2310	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	2310	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	2310	Edge_1RB_Left	Refer To Test Graph				Pass
	2310	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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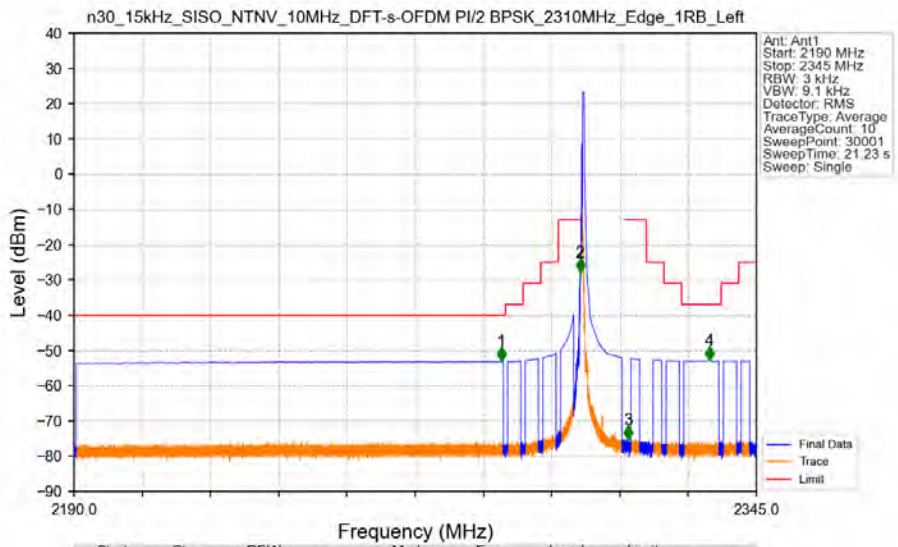
5.2.2 Test Graph

n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2310MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2287.035	-53.07	-40	Pass
2304	2305	0.003	/	2	2304.994	-27.80	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	3	2315.938	-75.26	-13	Pass
2316	2345	1	CHP	4	2334.315	-52.95	-37	Pass

n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2310MHz_Edge_1RB_Left

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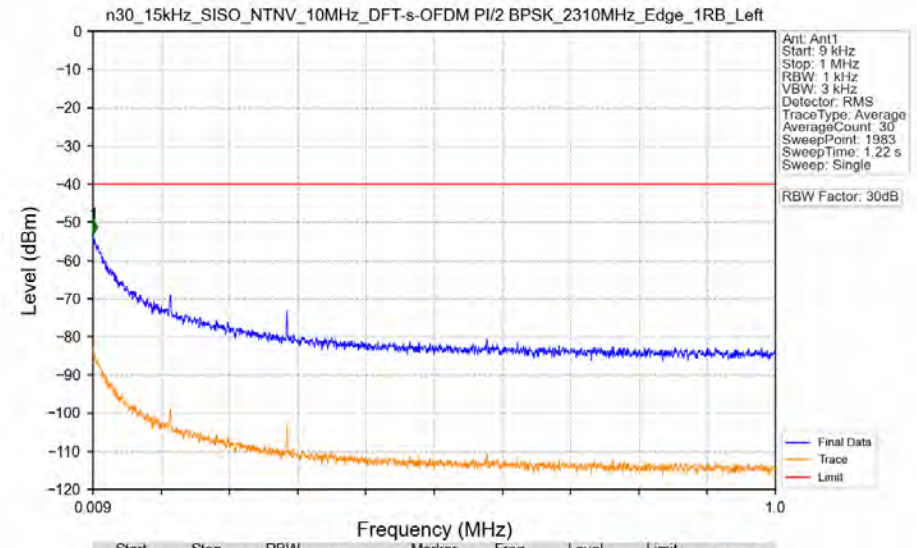

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-53.18	-40	Pass

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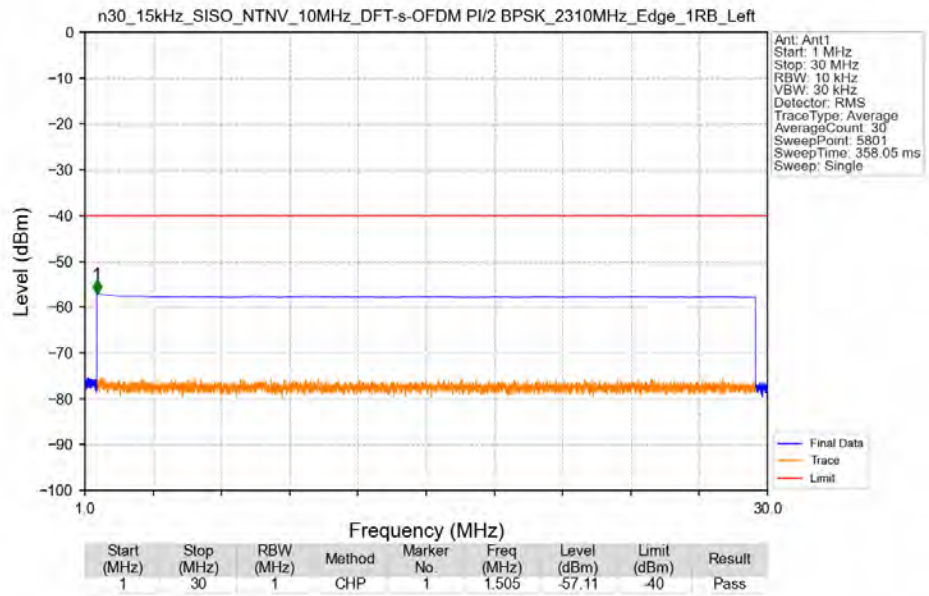

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-57.11	-40	Pass

n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2310MHz_Edge_1RB_Left

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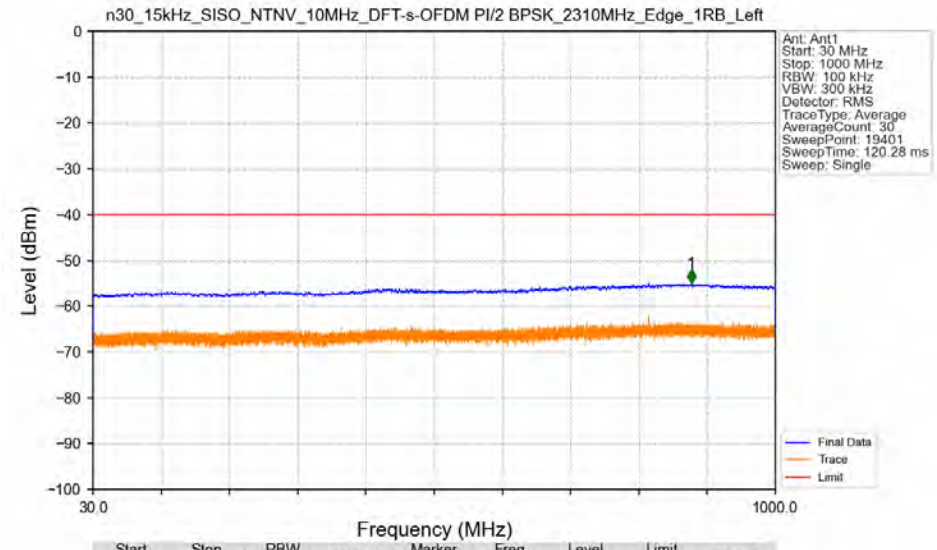

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	880.400	-55.01	-40	Pass

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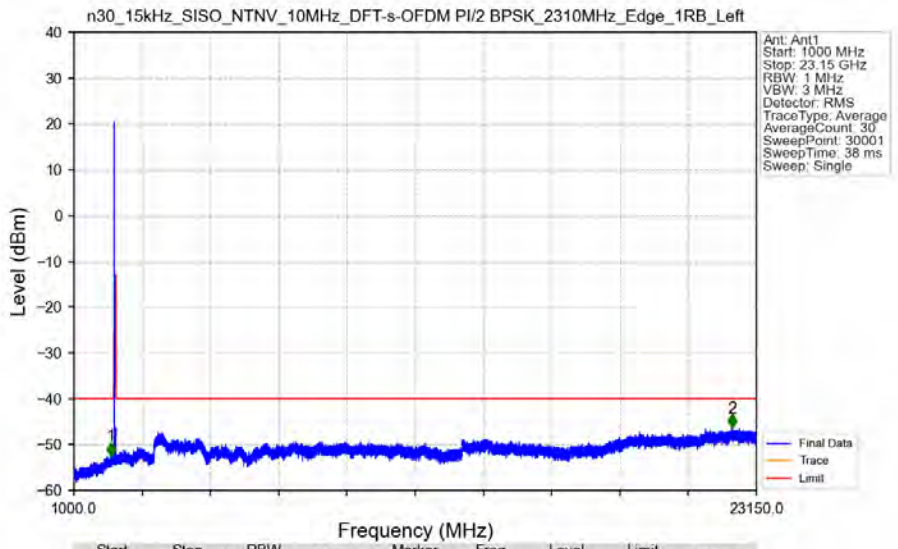

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2300	1	/	1	2202.007	-52.50	-40	Pass
2300	2320	1	/	/	/	/	/	/
2320	23150	1	/	2	22371.797	-46.40	-40	Pass

n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2310MHz_Outer_Full

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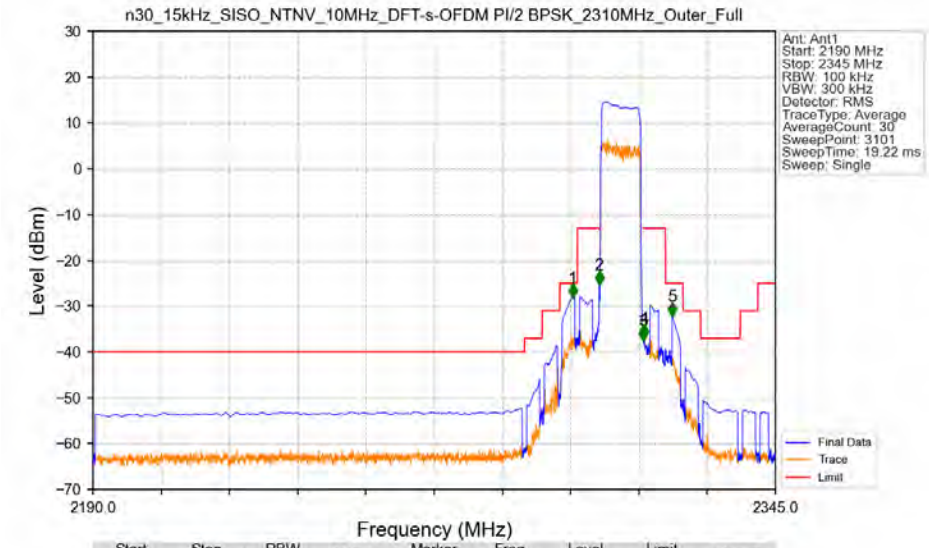

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2298.950	-28.26	-25	Pass
2304	2305	0.1	/	2	2305.000	-25.45	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2315	1	CHP	3	2315.000	-37.55	-13	Pass
2315	2316	0.1	/	4	2315.200	-37.00	-13	Pass
2316	2345	1	CHP	5	2321.550	-32.25	-25	Pass

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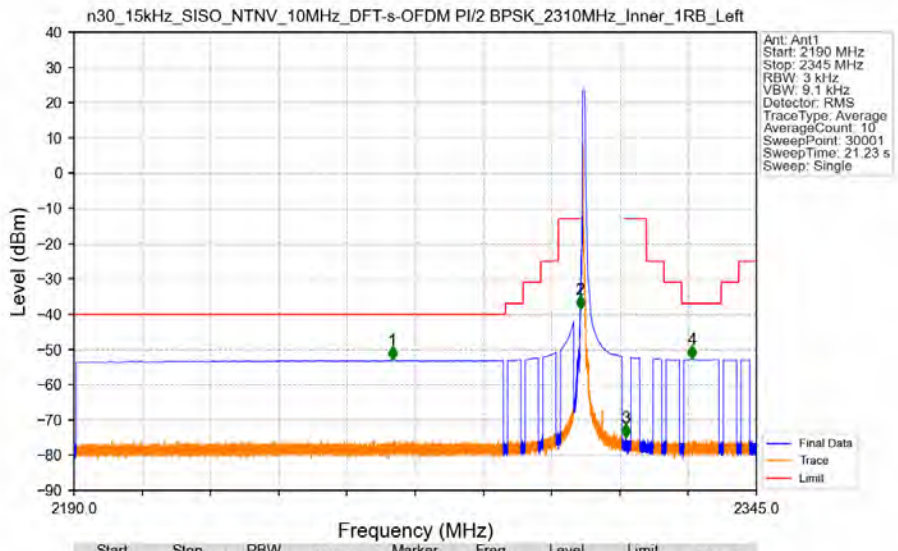
n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2310MHz_Inner_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2262.359	-53.07	-40	Pass
2304	2305	0.003	/	2	2304.989	-38.70	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	3	2315.256	-75.12	-13	Pass
2316	2345	1	CHP	4	2330.383	-52.90	-37	Pass

n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2310MHz_Edge_1RB_Left

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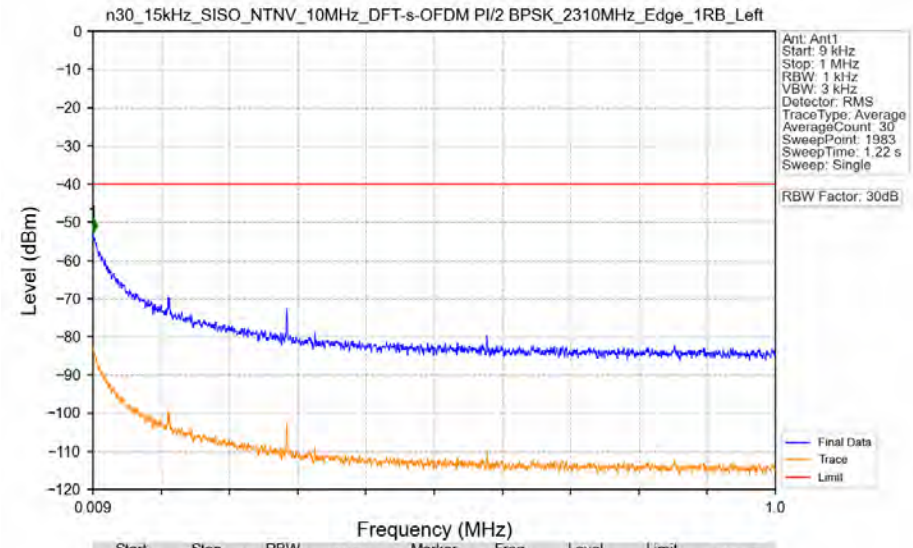

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-52.69	-40	Pass

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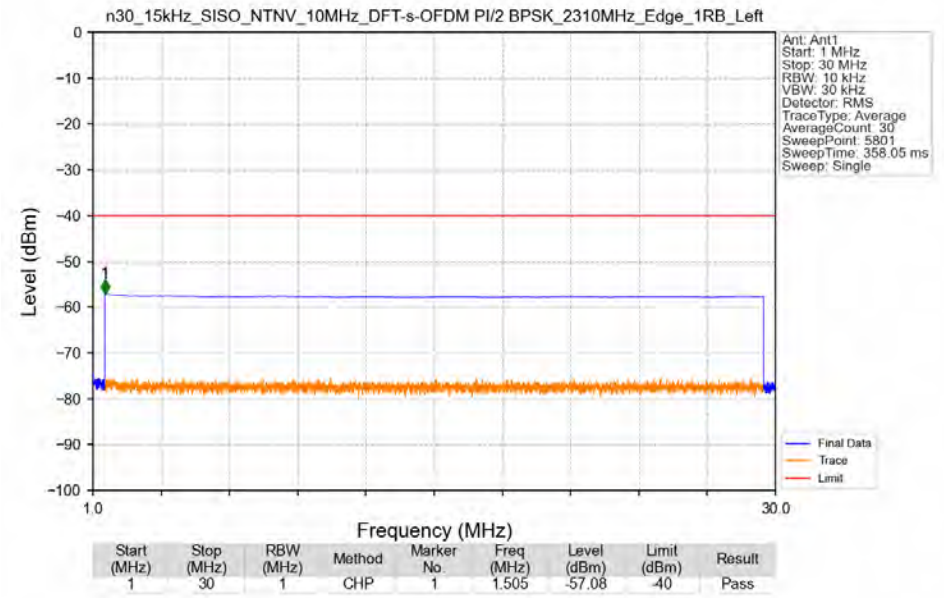

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-57.08	-40	Pass

n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2310MHz_Edge_1RB_Left

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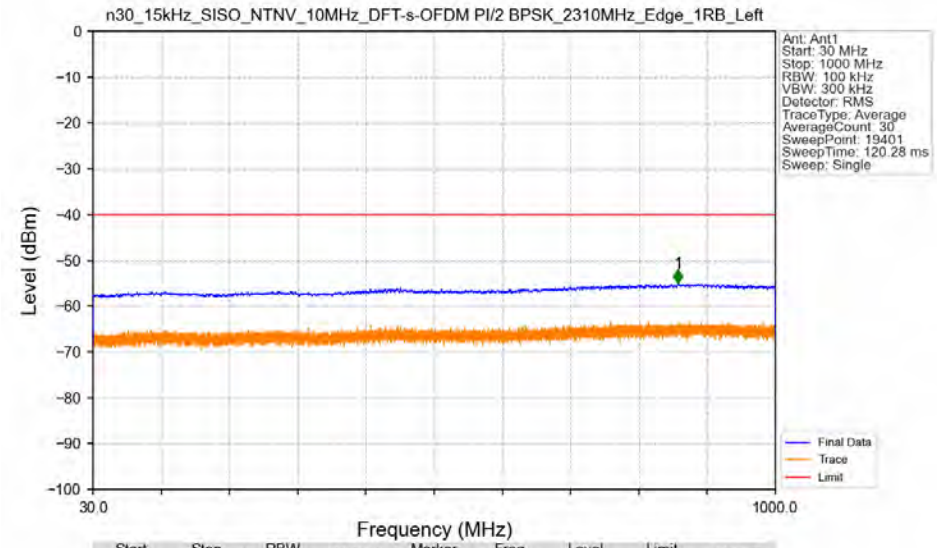

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	861.350	-55.06	-40	Pass

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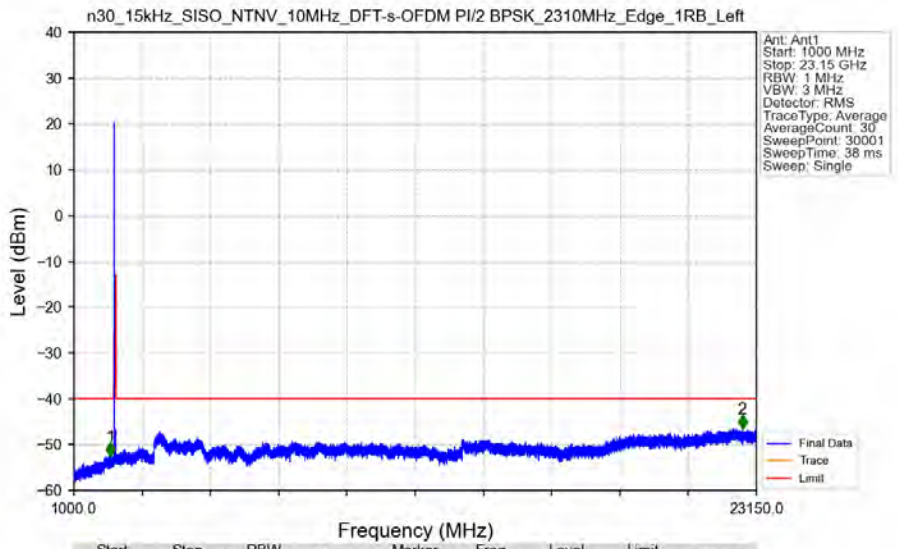

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2300	1	/	1	2182.072	-52.60	-40	Pass
2300	2320	1	/	/	/	/	/	/
2320	23150	1	/	2	22694.448	-46.58	-40	Pass

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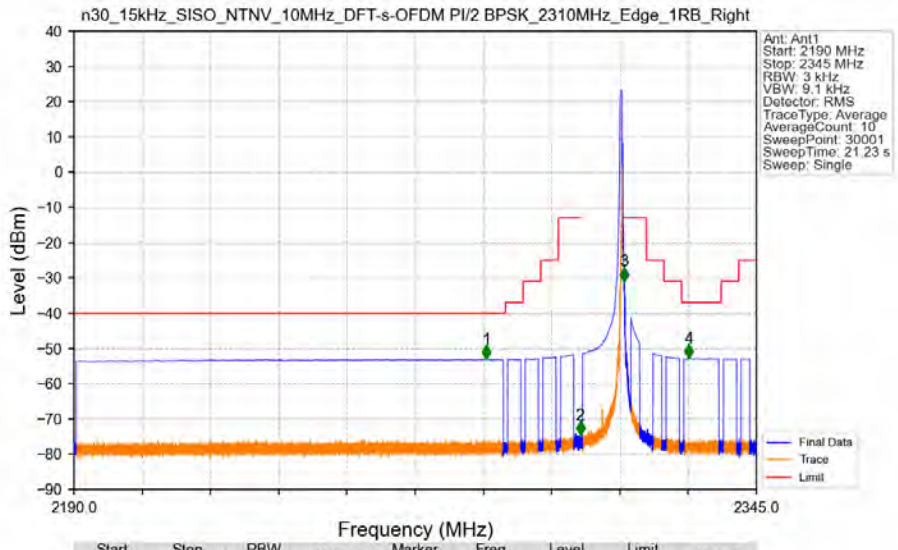

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2283.641	-53.08	-40	Pass
2304	2305	0.003	/	2	2304.979	-74.64	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	3	2315.002	-30.98	-13	Pass
2316	2345	1	CHP	4	2329.681	-52.89	-37	Pass

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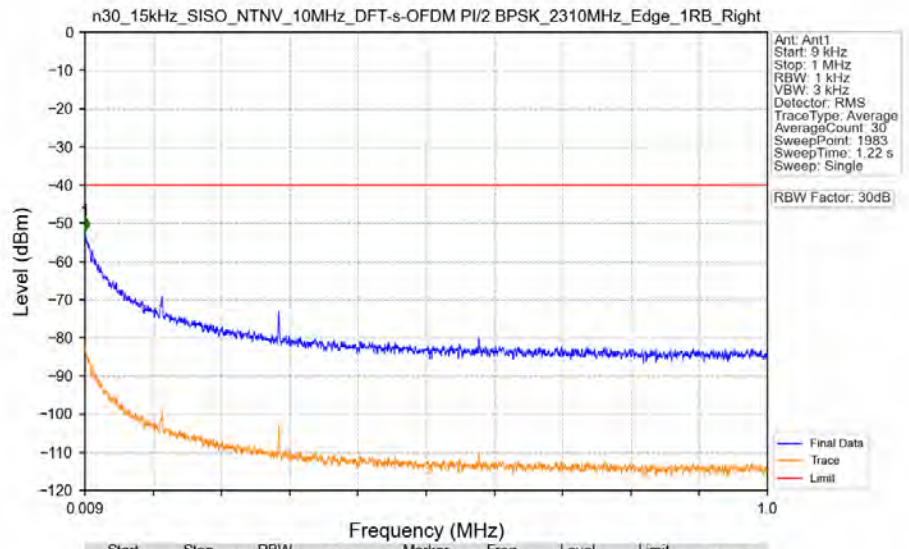

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-52.13	-40	Pass

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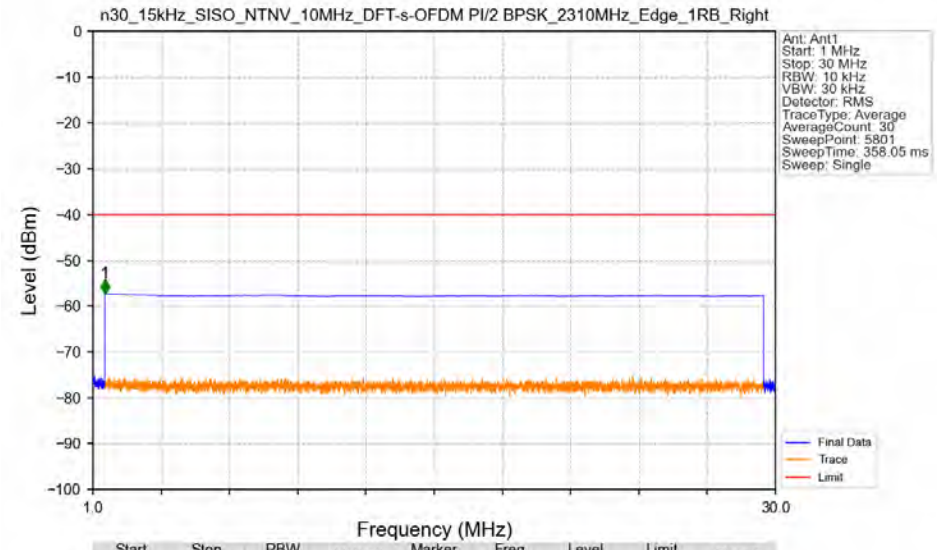

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-57.26	-40	Pass

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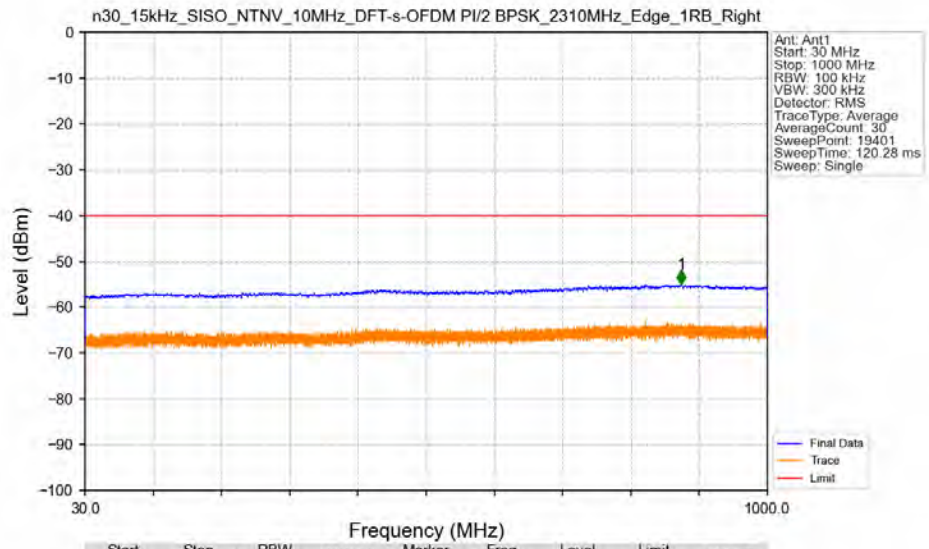

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	877.850	-55.00	-40	Pass

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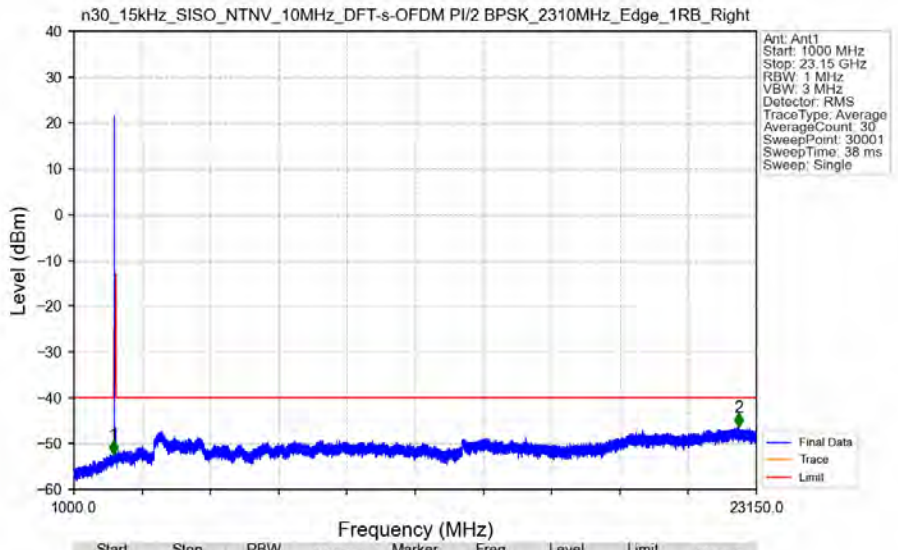

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2300	1	/	1	2277.317	-52.39	-40	Pass
2300	2320	1	/	/	/	/	/	/
2320	23150	1	/	2	22574.838	-46.37	-40	Pass

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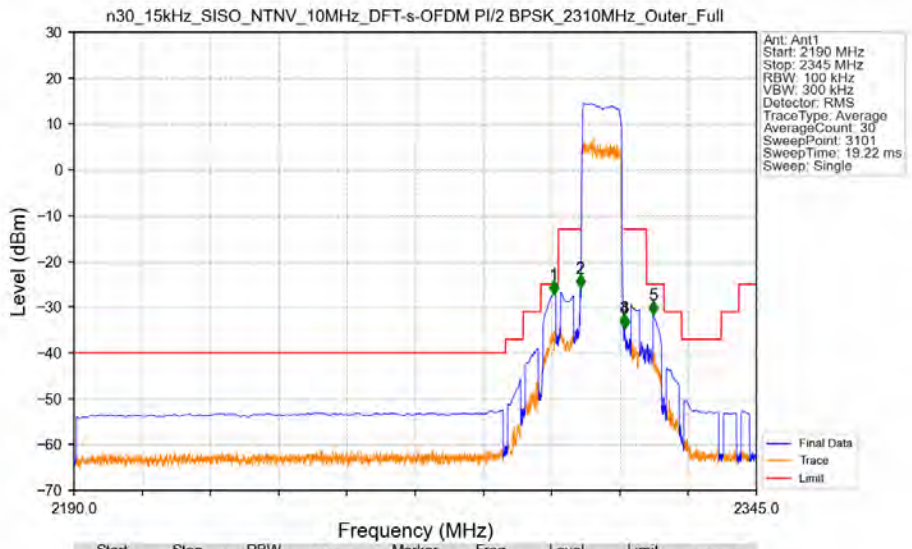

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2298.950	-27.28	-25	Pass
2304	2305	0.1	/	2	2305.000	-25.89	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2315	1	CHP	3	2315.000	-34.55	-13	Pass
2315	2316	0.1	/	4	2315.050	-34.63	-13	Pass
2316	2345	1	CHP	5	2321.550	-31.76	-25	Pass

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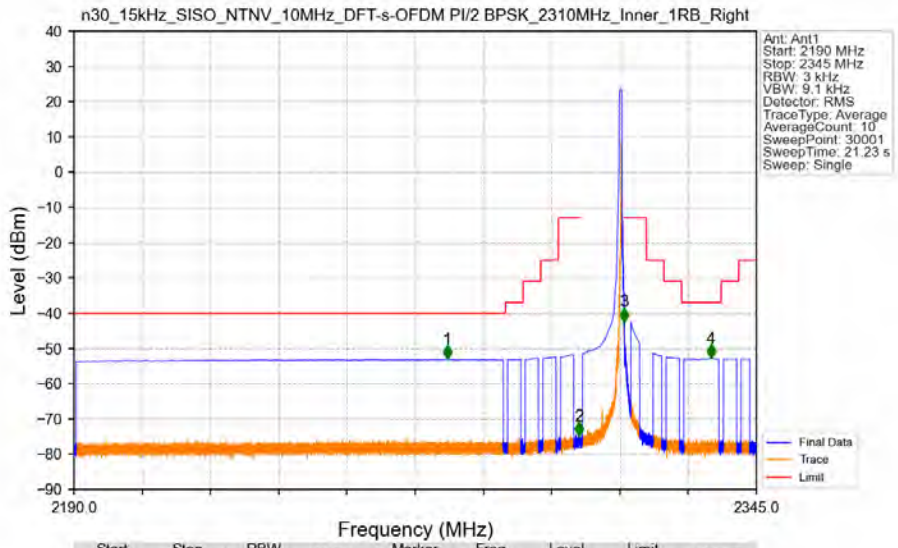

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2274.790	-53.09	-40	Pass
2304	2305	0.003	/	2	2304.747	-74.85	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	3	2315.008	-42.42	-13	Pass
2316	2345	1	CHP	4	2334.677	-52.92	-37	Pass

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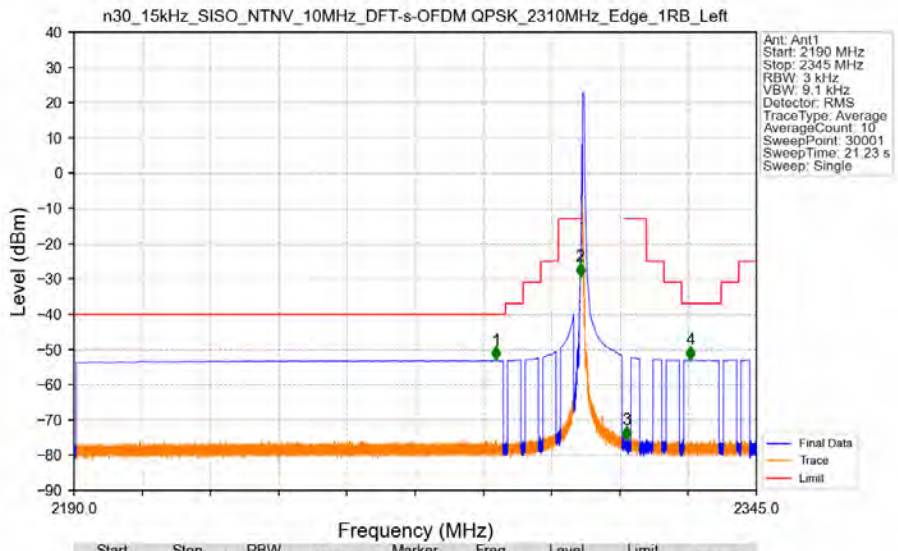
n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2310MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2285.878	-53.07	-40	Pass
2304	2305	0.003	/	2	2304.994	-29.36	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	3	2315.431	-75.67	-13	Pass
2316	2345	1	CHP	4	2329.991	-52.97	-37	Pass

n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2310MHz_Edge_1RB_Left

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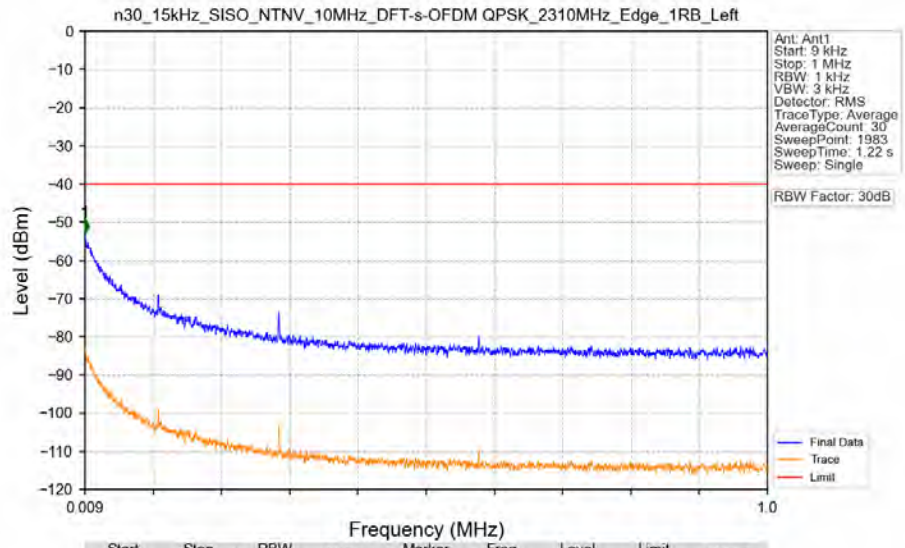

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-52.82	-40	Pass

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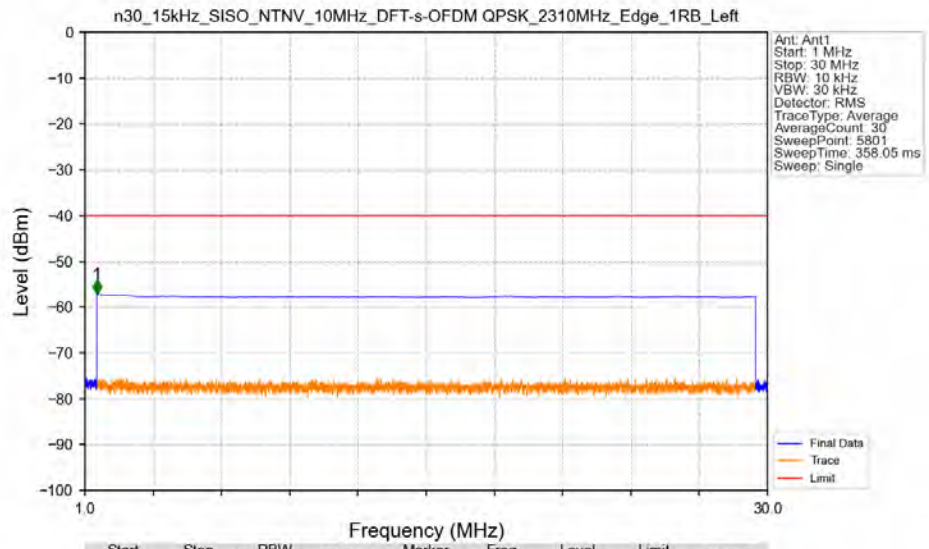
n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2310MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-57.18	-40	Pass

n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2310MHz_Edge_1RB_Left

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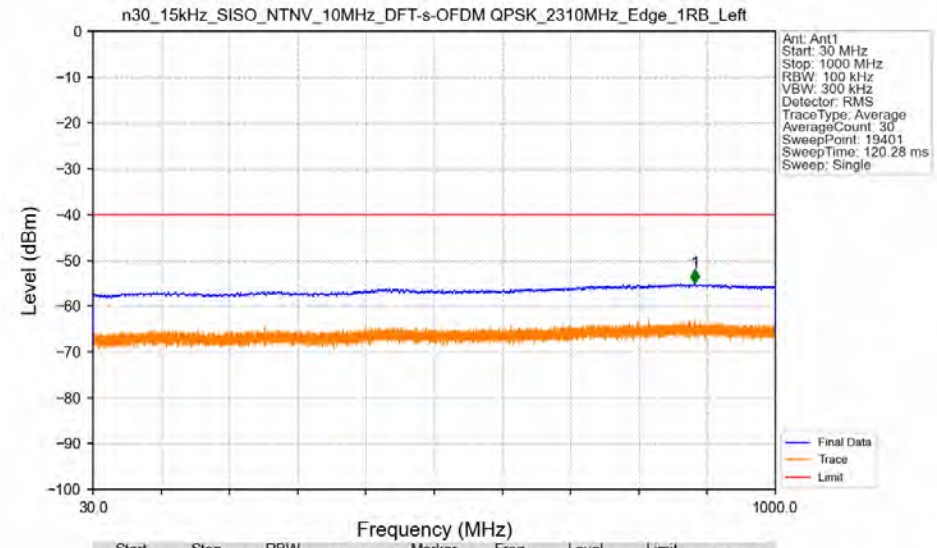

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	885.600	-54.95	-40	Pass

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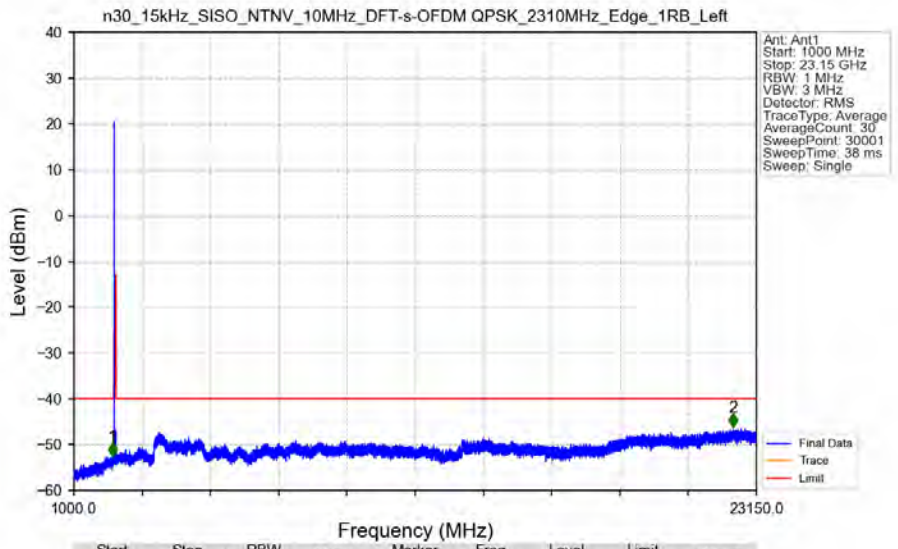

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2300	1	/	1	2244.830	-52.59	-40	Pass
2300	2320	1	/	/	/	/	/	/
2320	23150	1	/	2	22402.807	-46.19	-40	Pass

n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2310MHz_Outer_Full

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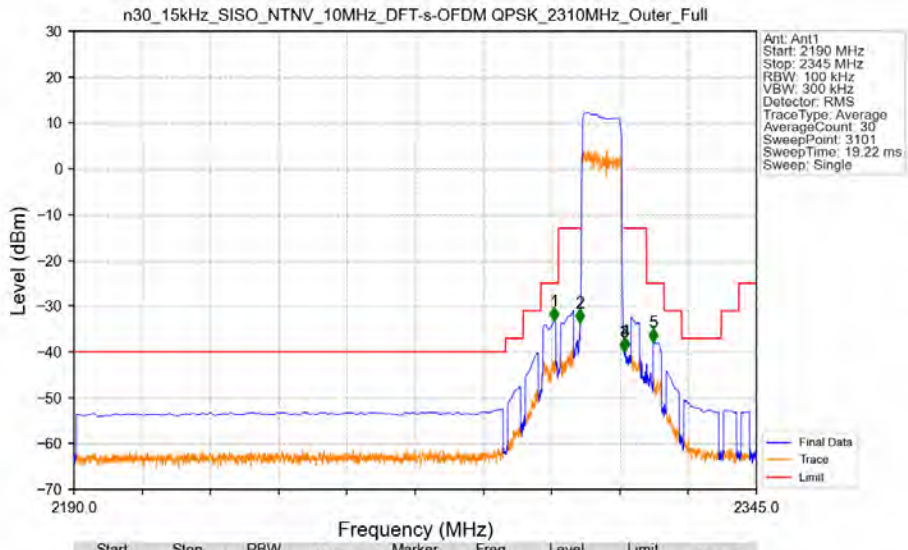

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2299.100	-33.39	-25	Pass
2304	2305	0.1	/	2	2304.950	-33.63	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2315	1	CHP	3	2315.000	-40.03	-13	Pass
2315	2316	0.1	/	4	2315.150	-39.84	-13	Pass
2316	2345	1	CHP	5	2321.550	-37.87	-25	Pass

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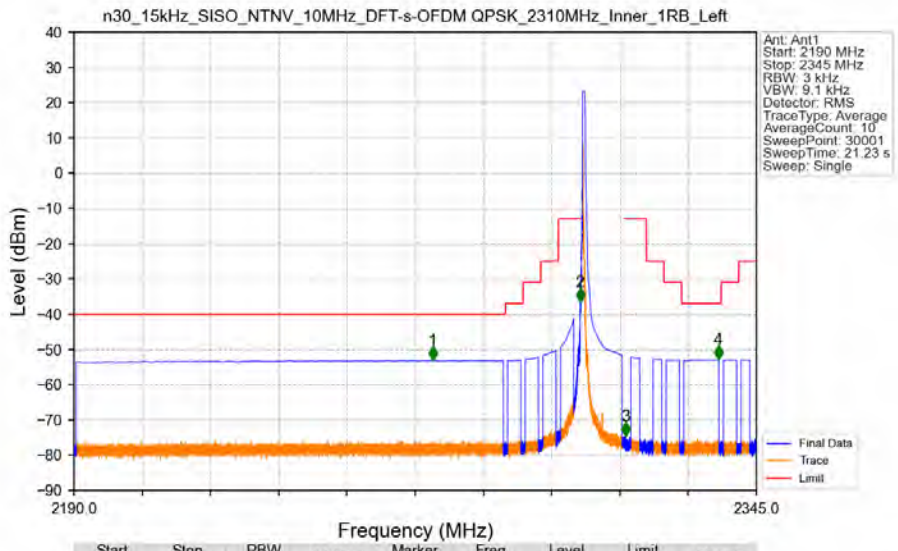

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2271.452	-53.07	-40	Pass
2304	2305	0.003	/	2	2305.000	-36.59	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	3	2315.261	-74.57	-13	Pass
2316	2345	1	CHP	4	2336.356	-52.95	-37	Pass

n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2310MHz_Edge_1RB_Left

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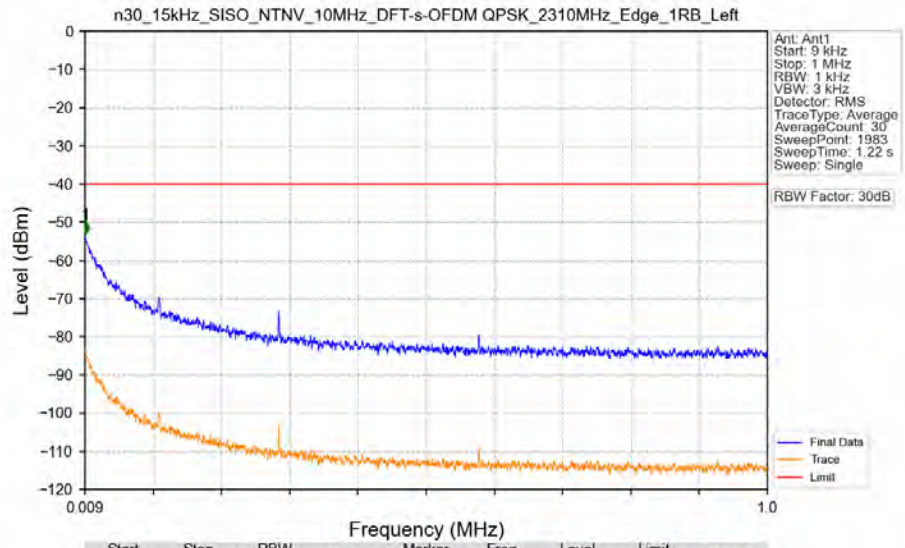

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-53.41	-40	Pass

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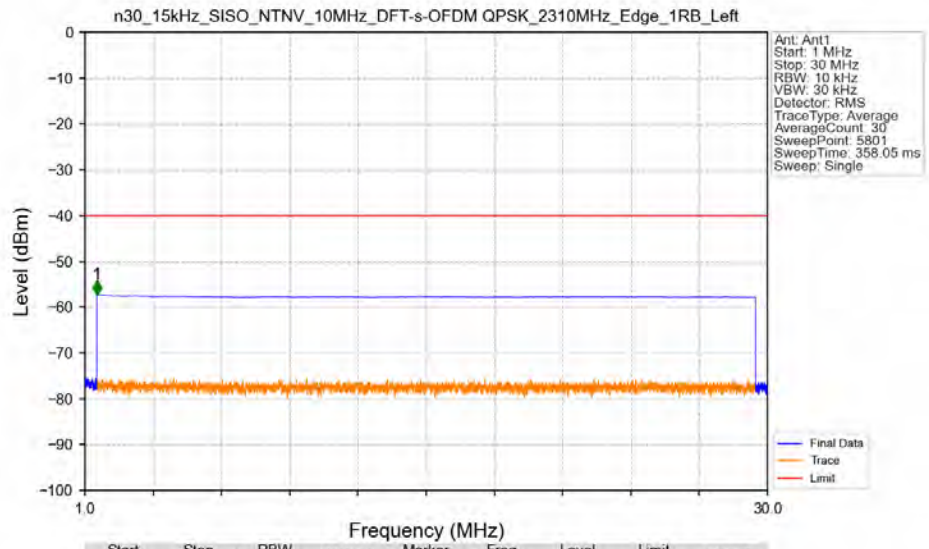

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-57.24	-40	Pass

n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2310MHz_Edge_1RB_Left

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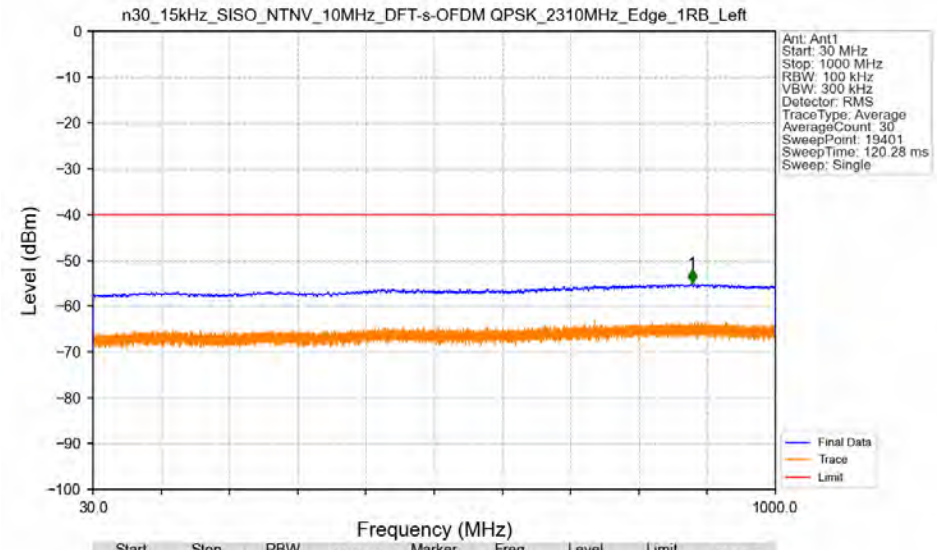

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	881.400	-55.00	-40	Pass

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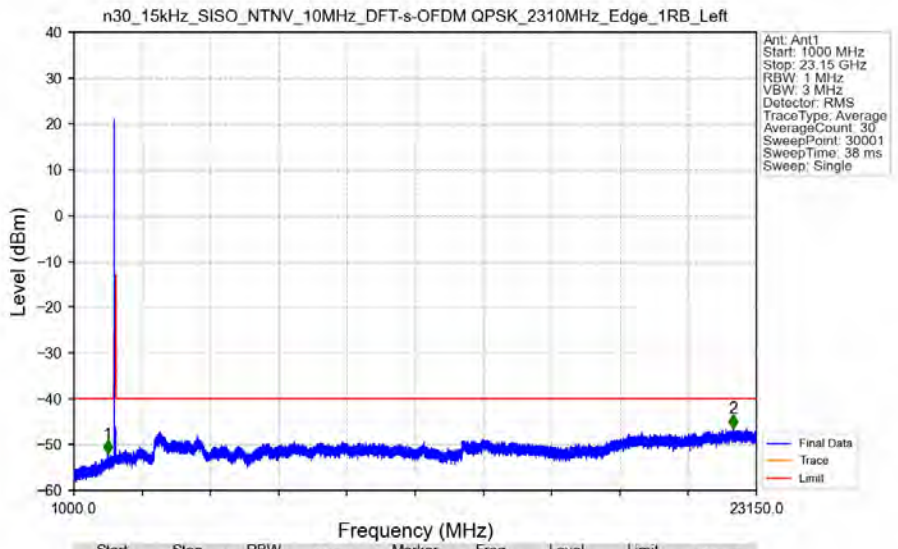

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2300	1	/	1	2096.425	-52.13	-40	Pass
2300	2320	1	/	/	/	/	/	/
2320	23150	1	/	2	22394.685	-46.52	-40	Pass

n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2310MHz_Edge_1RB_Right

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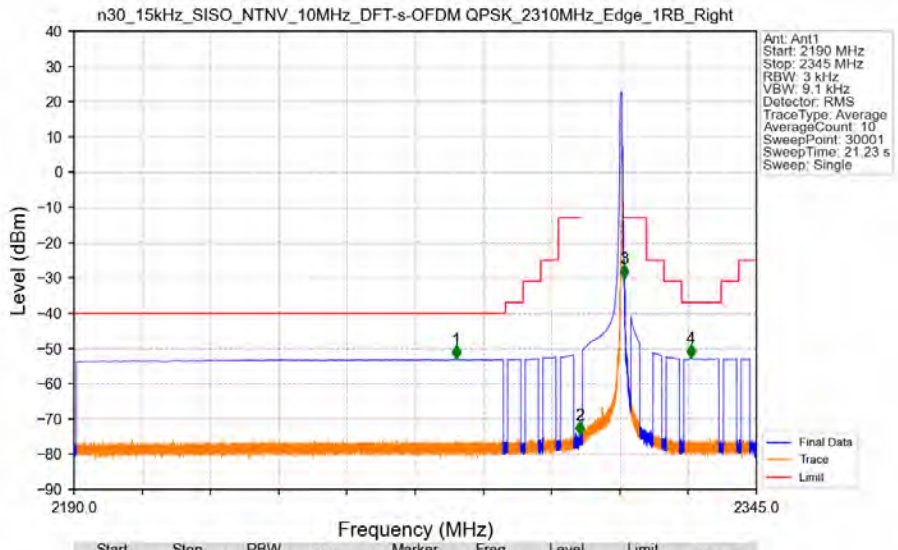

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2276.836	-53.12	-40	Pass
2304	2305	0.003	/	2	2304.927	-74.67	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	3	2315.002	-30.13	-13	Pass
2316	2345	1	CHP	4	2330.079	-52.93	-37	Pass

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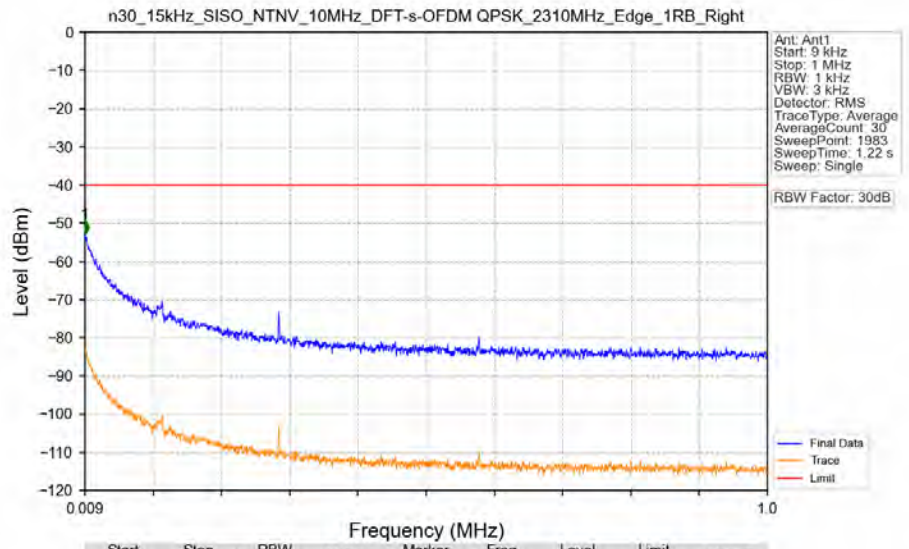

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-52.92	-40	Pass

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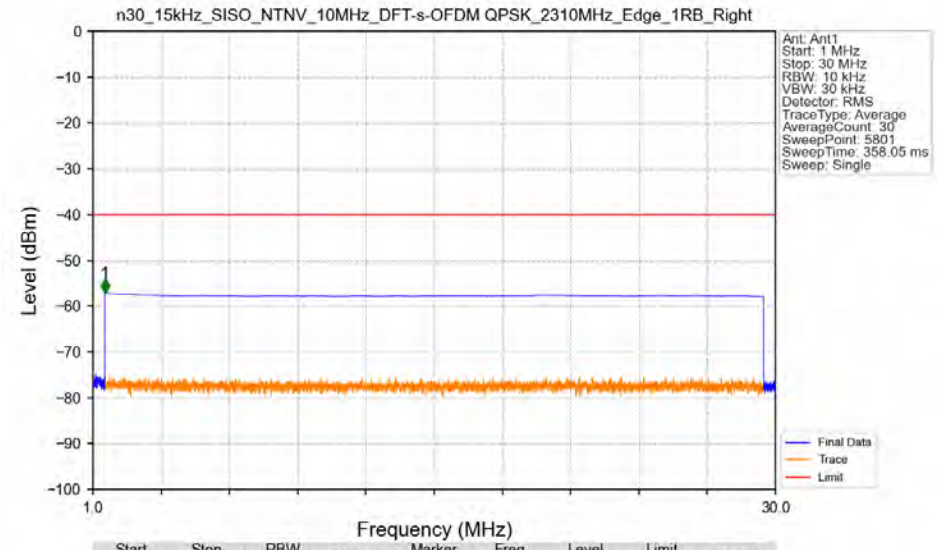

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-57.11	-40	Pass

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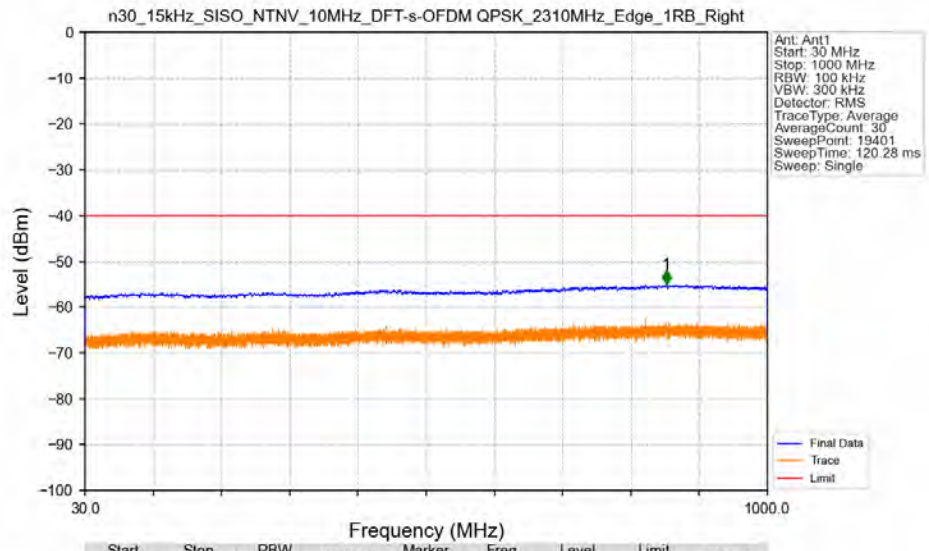

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	856.500	-55.06	-40	Pass

n30_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2310MHz_Edge_1RB_Right

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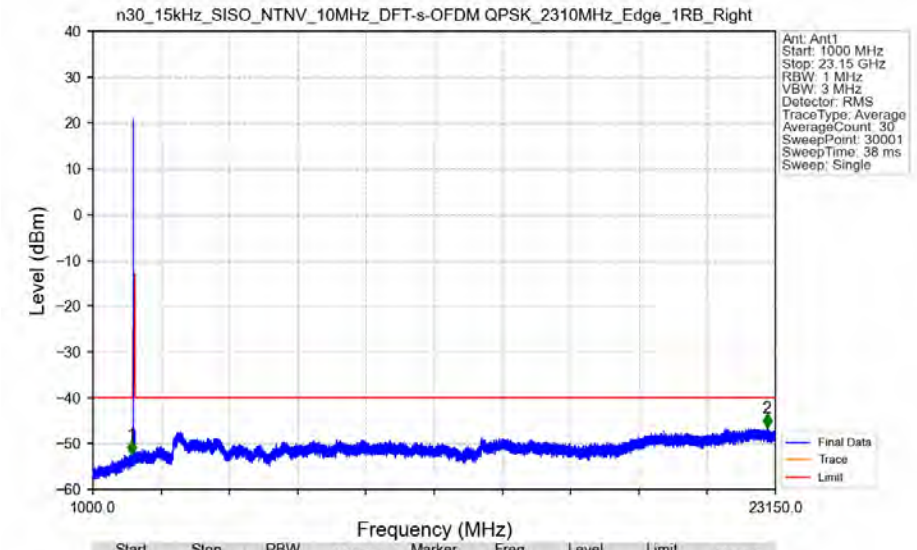

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2300	1	/	1	2249.260	-52.47	-40	Pass
2300	2320	1	/	/	/	/	/	/
2320	23150	1	/	2	22876.817	-46.56	-40	Pass

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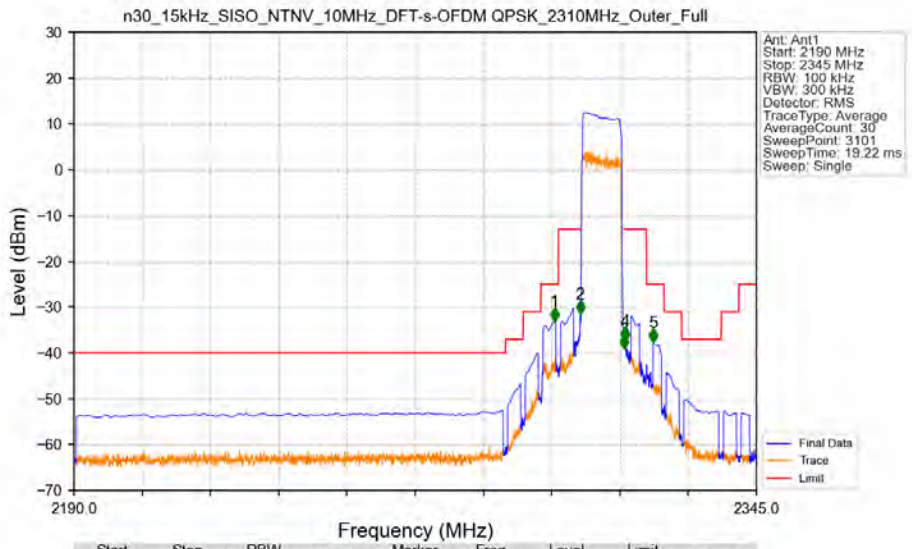

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2299.150	-33.13	-25	Pass
2304	2305	0.1	/	2	2305.000	-31.51	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2315	1	CHP	3	2315.000	-39.14	-13	Pass
2315	2316	0.1	/	4	2315.150	-37.49	-13	Pass
2316	2345	1	CHP	5	2321.550	-37.80	-25	Pass

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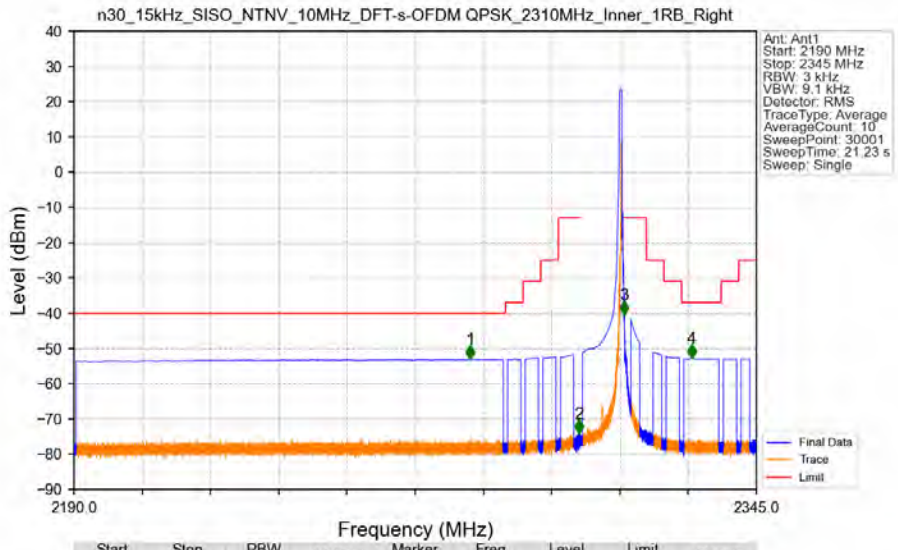

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2280.045	-53.09	-40	Pass
2304	2305	0.003	/	2	2304.783	-74.25	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	3	2315.002	-40.52	-13	Pass
2316	2345	1	CHP	4	2330.337	-52.91	-37	Pass

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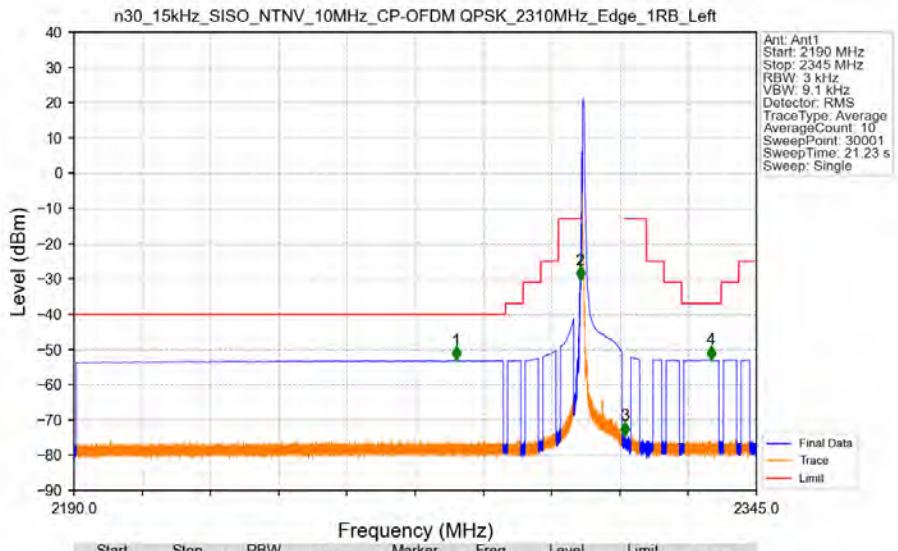

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2276.852	-53.16	-40	Pass
2304	2305	0.003	/	2	2304.994	-30.48	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	3	2315.142	-74.55	-13	Pass
2316	2345	1	CHP	4	2334.662	-53.01	-37	Pass

n30_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2310MHz_Edge_1RB_Left

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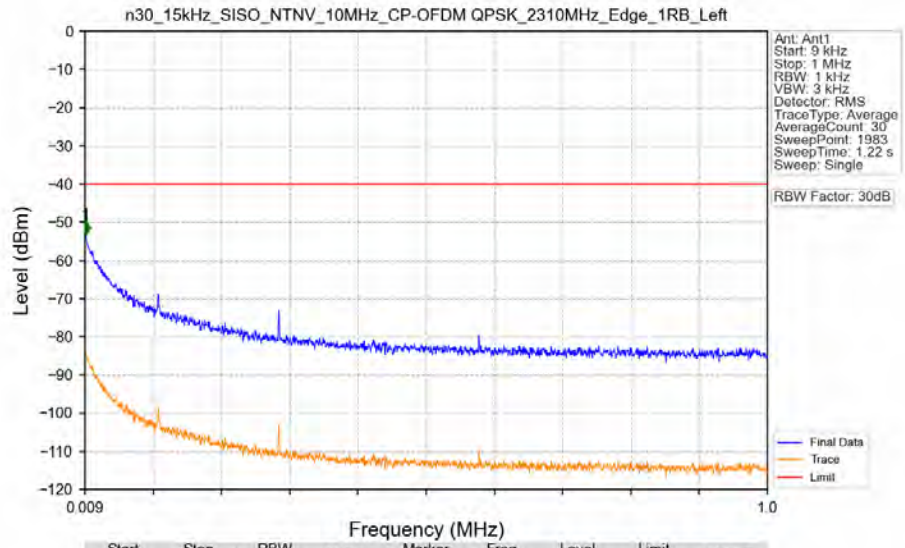

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.010	-53.33	-40	Pass

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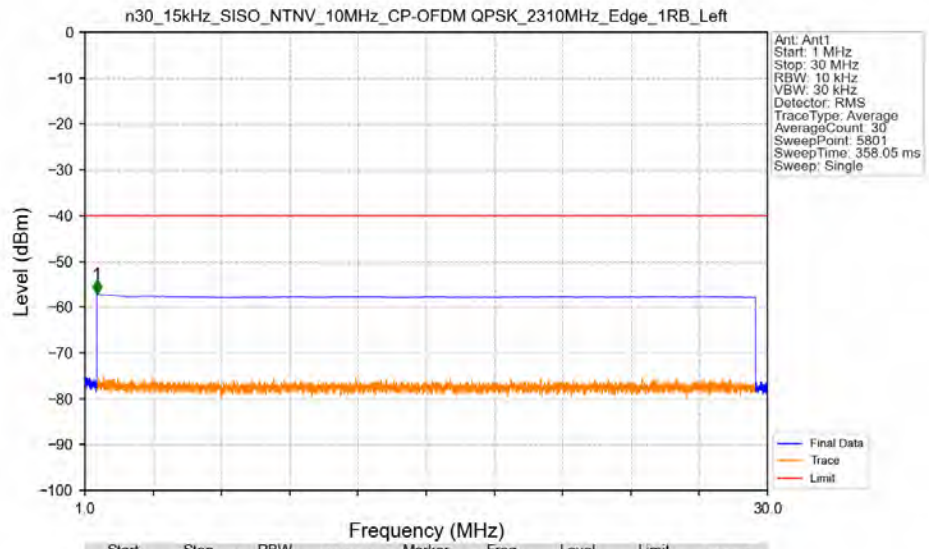

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-57.18	-40	Pass

n30_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2310MHz_Edge_1RB_Left

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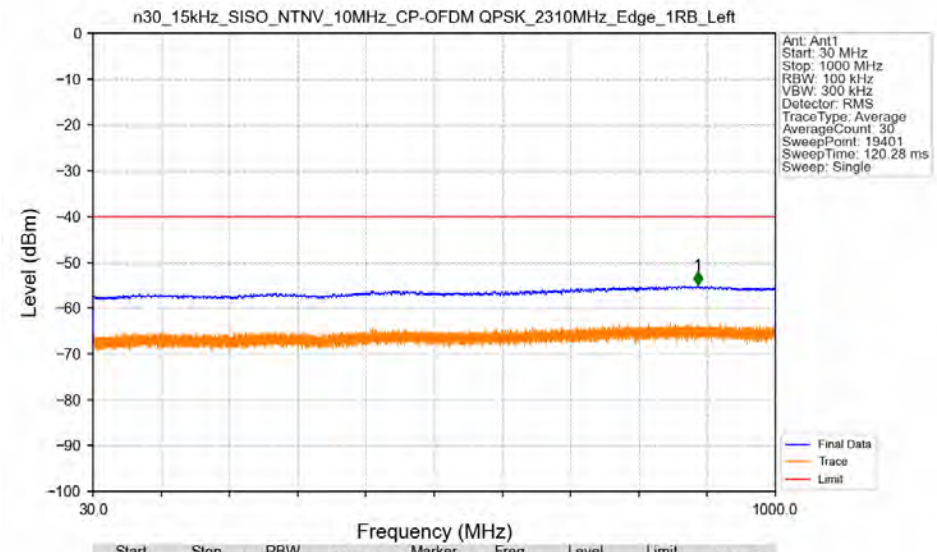

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	889.600	-55.02	-40	Pass

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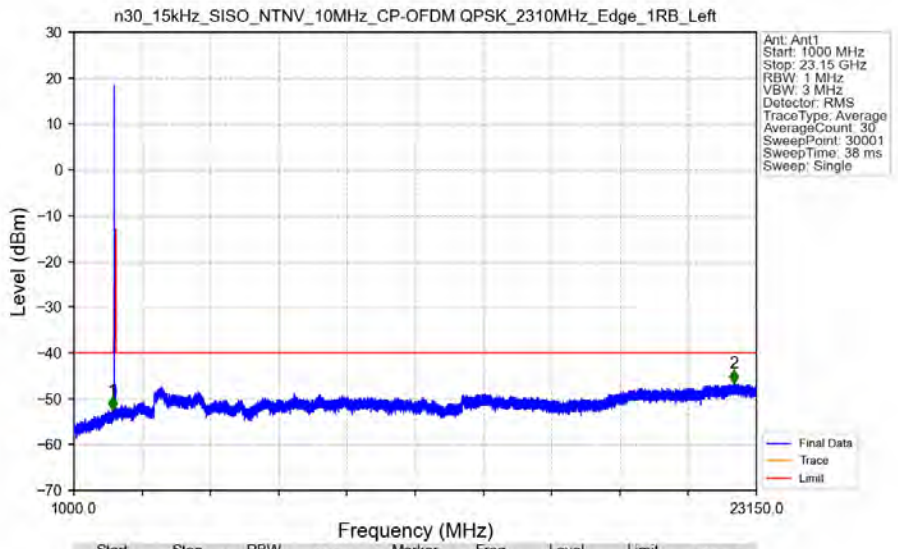
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2310MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2300	1	/	1	2254.428	-52.56	-40	Pass
2300	2320	1	/	/	/	/	/	/
2320	23150	1	/	2	22424.218	-46.65	-40	Pass

n30_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2310MHz_Outer_Full

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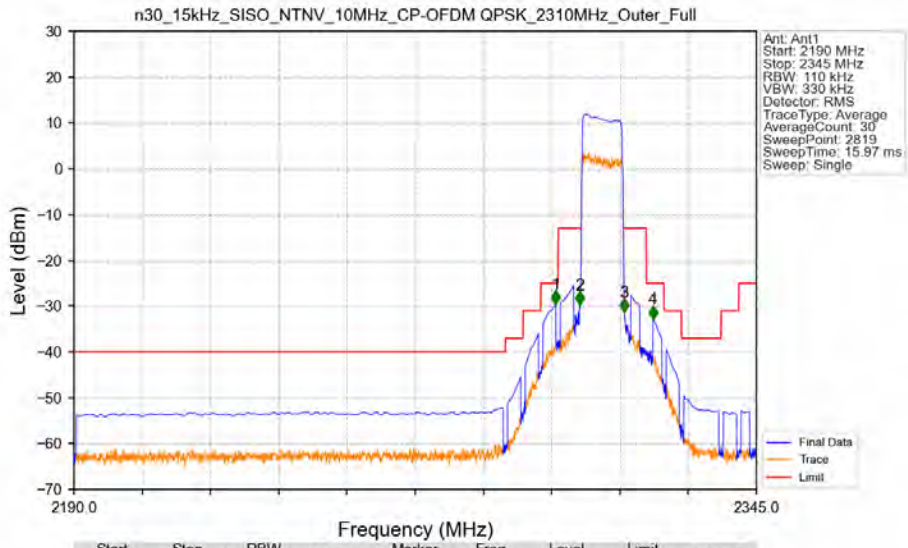

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2299.457	-29.62	-25	Pass
2304	2305	0.11	/	2	2304.847	-29.84	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.11	/	3	2315.023	-31.33	-13	Pass
2316	2345	1	CHP	4	2321.513	-32.87	-25	Pass

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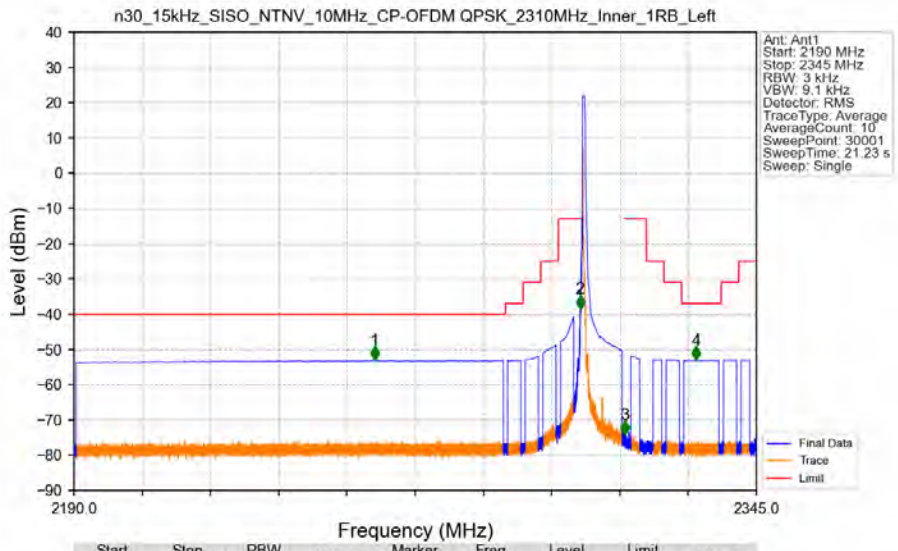
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2310MHz_Inner_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2258.350	-53.11	-40	Pass
2304	2305	0.003	/	2	2304.989	-38.55	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	3	2315.137	-74.20	-13	Pass
2316	2345	1	CHP	4	2331.277	-53.04	-37	Pass

n30_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2310MHz_Edge_1RB_Left

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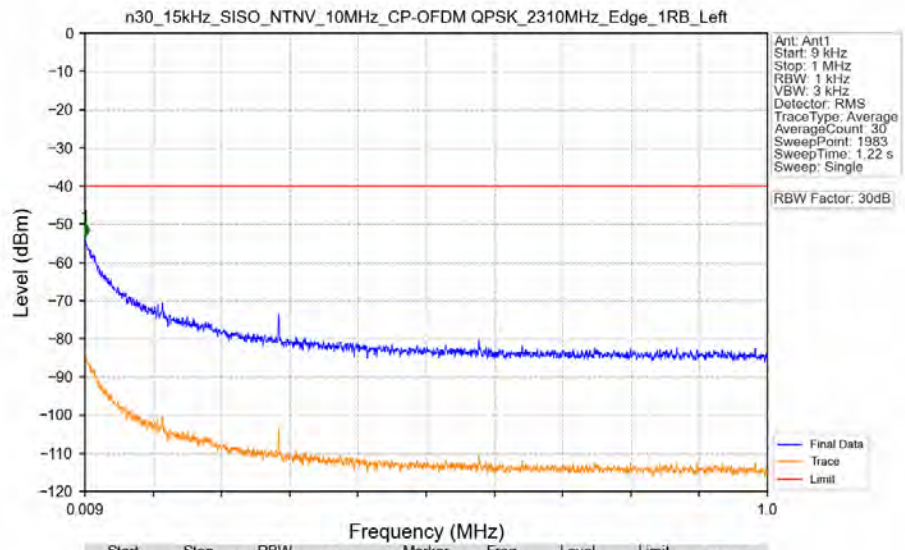

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-53.39	-40	Pass

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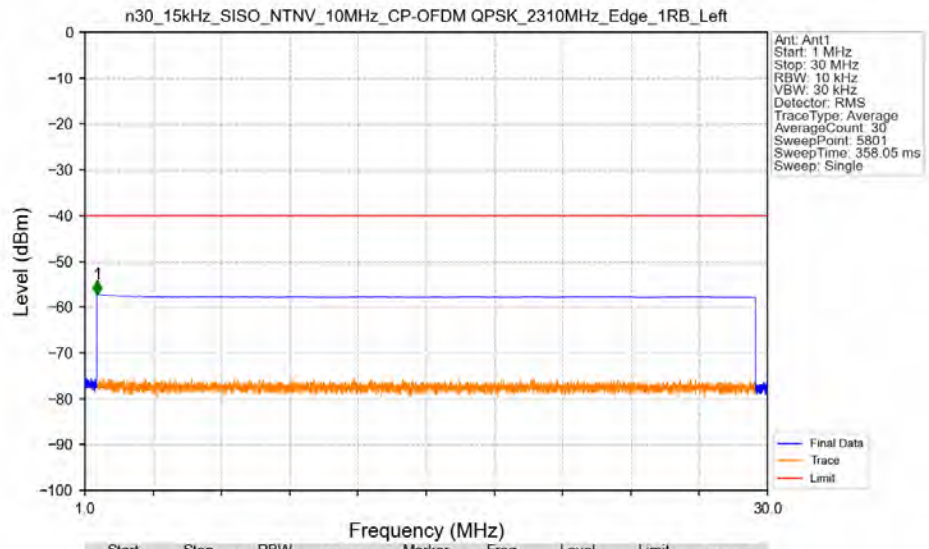

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.525	-57.24	-40	Pass

n30_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2310MHz_Edge_1RB_Left

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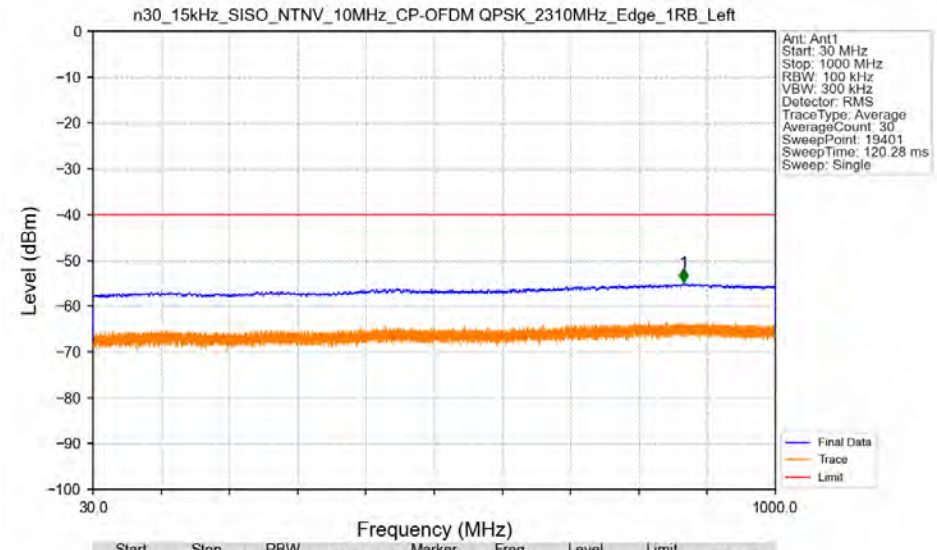

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	869.850	-54.93	-40	Pass

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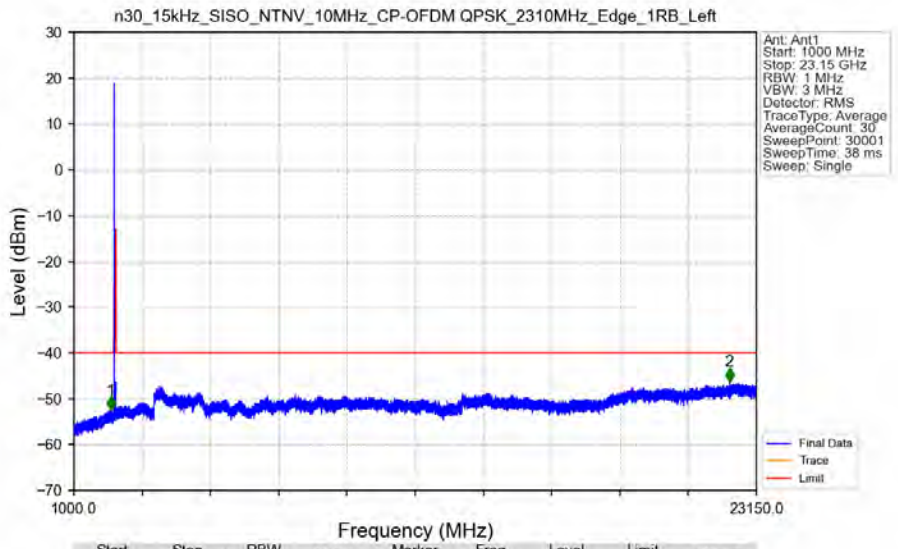

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2300	1	/	1	2199.792	-52.54	-40	Pass
2300	2320	1	/	/	/	/	/	/
2320	23150	1	/	2	22276.552	-46.30	-40	Pass

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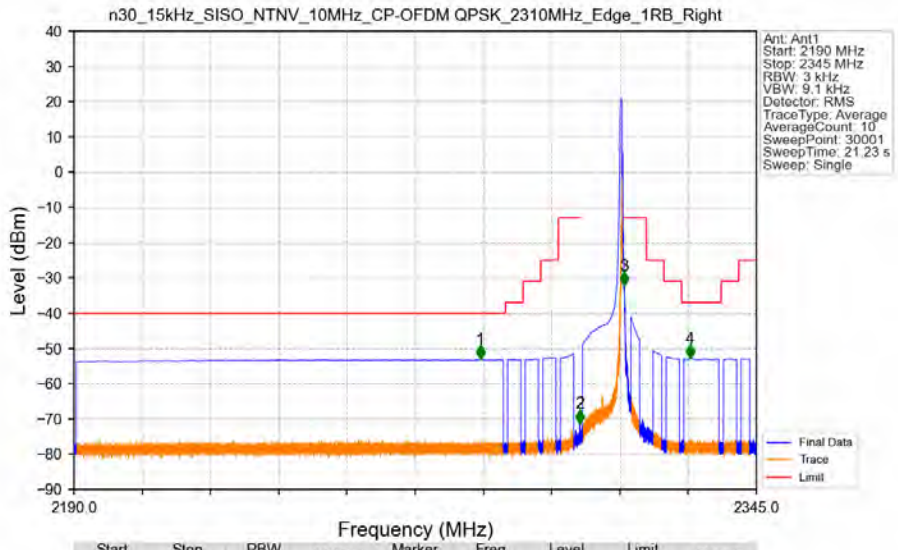

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2282.287	-53.16	-40	Pass
2304	2305	0.003	/	2	2304.896	-71.32	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	3	2315.008	-32.28	-13	Pass
2316	2345	1	CHP	4	2329.965	-52.90	-37	Pass

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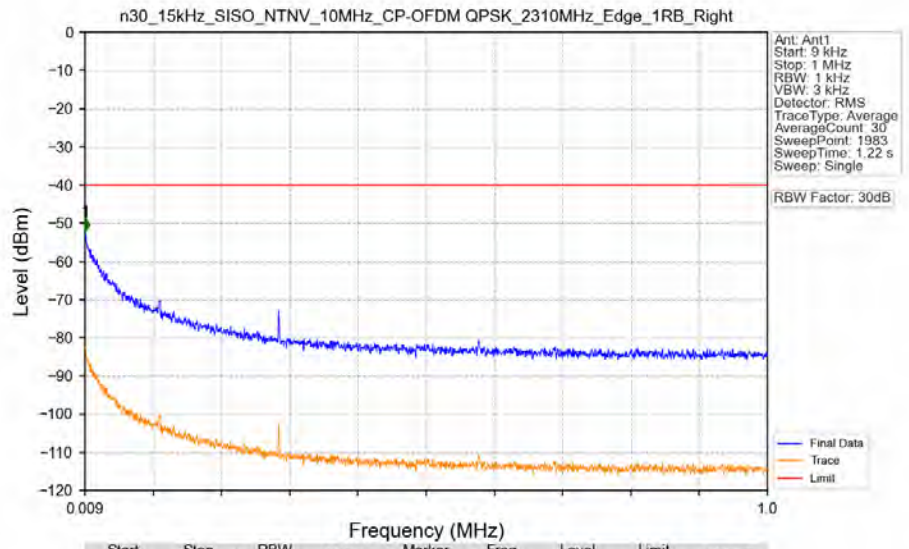

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-52.35	-40	Pass

n30_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2310MHz_Edge_1RB_Right

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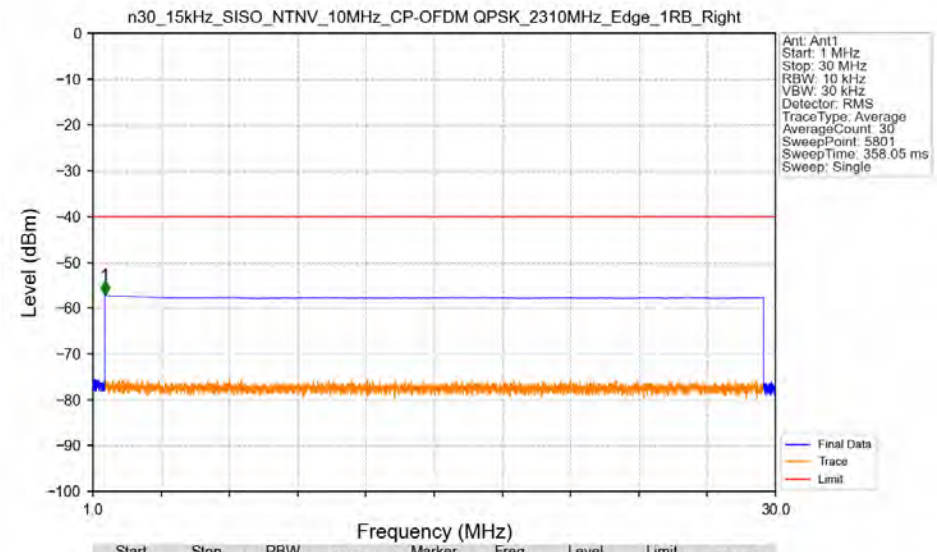

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.515	-57.22	-40	Pass

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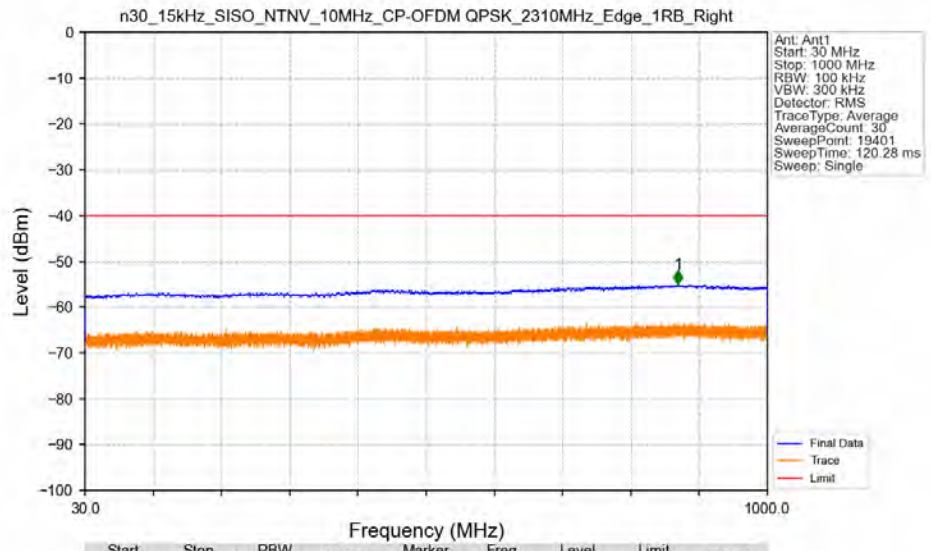

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	872.900	-55.08	-40	Pass

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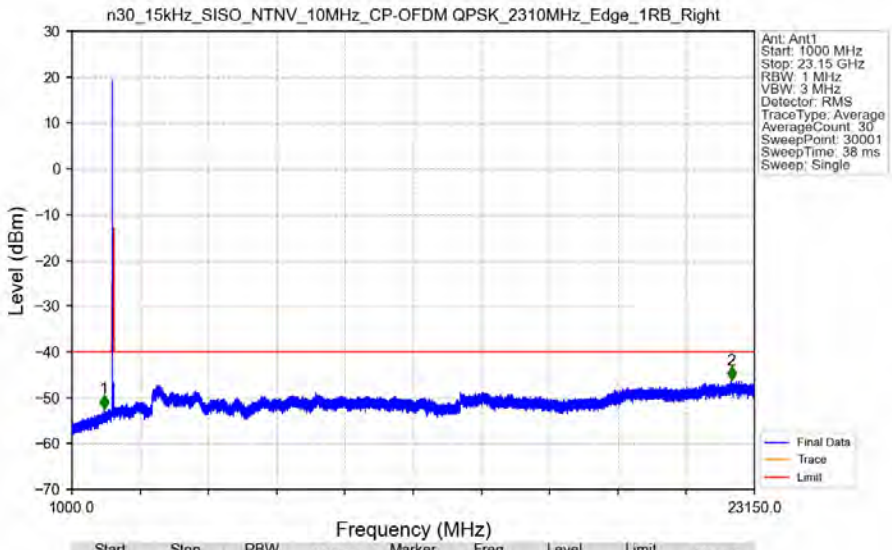

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2300	1	/	1	2035.882	-52.45	-40	Pass
2300	2320	1	/	/	/	/	/	/
2320	23150	1	/	2	22404.283	-46.26	-40	Pass

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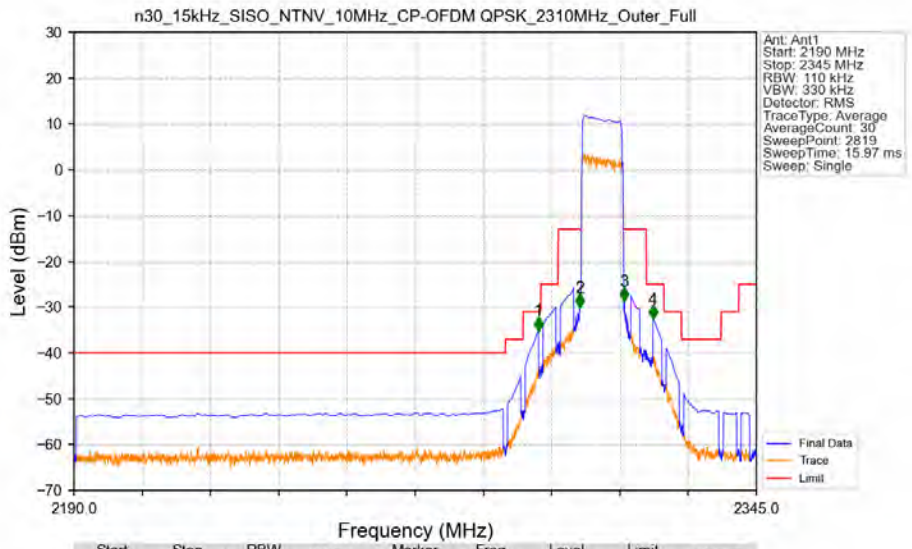
n30_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2310MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2295.497	-35.18	-31	Pass
2304	2305	0.11	/	2	2304.957	-30.12	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.11	/	3	2315.023	-28.67	-13	Pass
2316	2345	1	CHP	4	2321.513	-32.61	-25	Pass

n30_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2310MHz_Inner_1RB_Right

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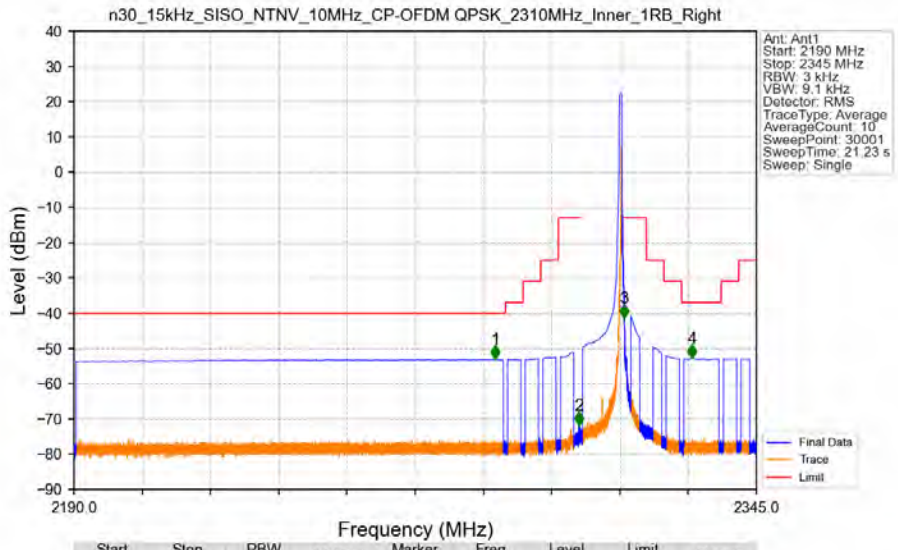

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2285.656	-53.14	-40	Pass
2304	2305	0.003	/	2	2304.747	-71.83	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	3	2315.023	-41.44	-13	Pass
2316	2345	1	CHP	4	2330.363	-52.87	-37	Pass

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6. Field Strength of Spurious Radiation

NR Band 30-Low channel, Modulation: QPSK, Bandwidth:5MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
4610.5	-54.89	-13	-41.89	-60.35	3.94	9.4	Horizontal	Pass
6915.75	-50.58	-13	-37.58	-56.865	4.21	10.49	Horizontal	Pass
9221	-48.6	-13	-35.6	-57.24	4.57	13.21	Horizontal	Pass
4610.5	-55.29	-13	-42.29	-60.75	3.94	9.4	Vertical	Pass
6915.75	-50.68	-13	-37.68	-56.965	4.21	10.49	Vertical	Pass
9221	-48.4	-13	-35.4	-57.04	4.57	13.21	Vertical	Pass

NR Band 30-Middle channel, Modulation: QPSK, Bandwidth:5MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
4615.5	-55.62	-13	-42.62	-61.08	3.94	9.4	Horizontal	Pass
6923.25	-51.58	-13	-38.58	-57.865	4.21	10.49	Horizontal	Pass
9231	-48.84	-13	-35.84	-57.48	4.57	13.21	Horizontal	Pass
4615.5	-55.63	-13	-42.63	-61.09	3.94	9.4	Vertical	Pass
6923.25	-51.36	-13	-38.36	-57.645	4.21	10.49	Vertical	Pass
9231	-48.41	-13	-35.41	-57.05	4.57	13.21	Vertical	Pass

NR Band 30-High channel, Modulation: QPSK, Bandwidth:5MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
4620.5	-55.65	-13	-42.65	-61.11	3.94	9.4	Horizontal	Pass
6930.75	-51.97	-13	-38.97	-58.255	4.21	10.49	Horizontal	Pass
9241	-48.1	-13	-35.1	-56.74	4.57	13.21	Horizontal	Pass
4620.5	-56.12	-13	-43.12	-61.58	3.94	9.4	Vertical	Pass
6930.75	-51.5	-13	-38.5	-57.785	4.21	10.49	Vertical	Pass
9241	-47.45	-13	-34.45	-56.09	4.57	13.21	Vertical	Pass

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NR Band 30-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
4611	-54.29	-13	-41.29	-59.75	3.94	9.4	Horizontal	Pass
6916.5	-51.27	-13	-38.27	-57.555	4.21	10.49	Horizontal	Pass
9222	-48.38	-13	-35.38	-57.02	4.57	13.21	Horizontal	Pass
4611	-55.15	-13	-42.15	-60.61	3.94	9.4	Vertical	Pass
6916.5	-51.13	-13	-38.13	-57.415	4.21	10.49	Vertical	Pass
9222	-48.5	-13	-35.5	-57.14	4.57	13.21	Vertical	Pass

---End of Attachment---

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