

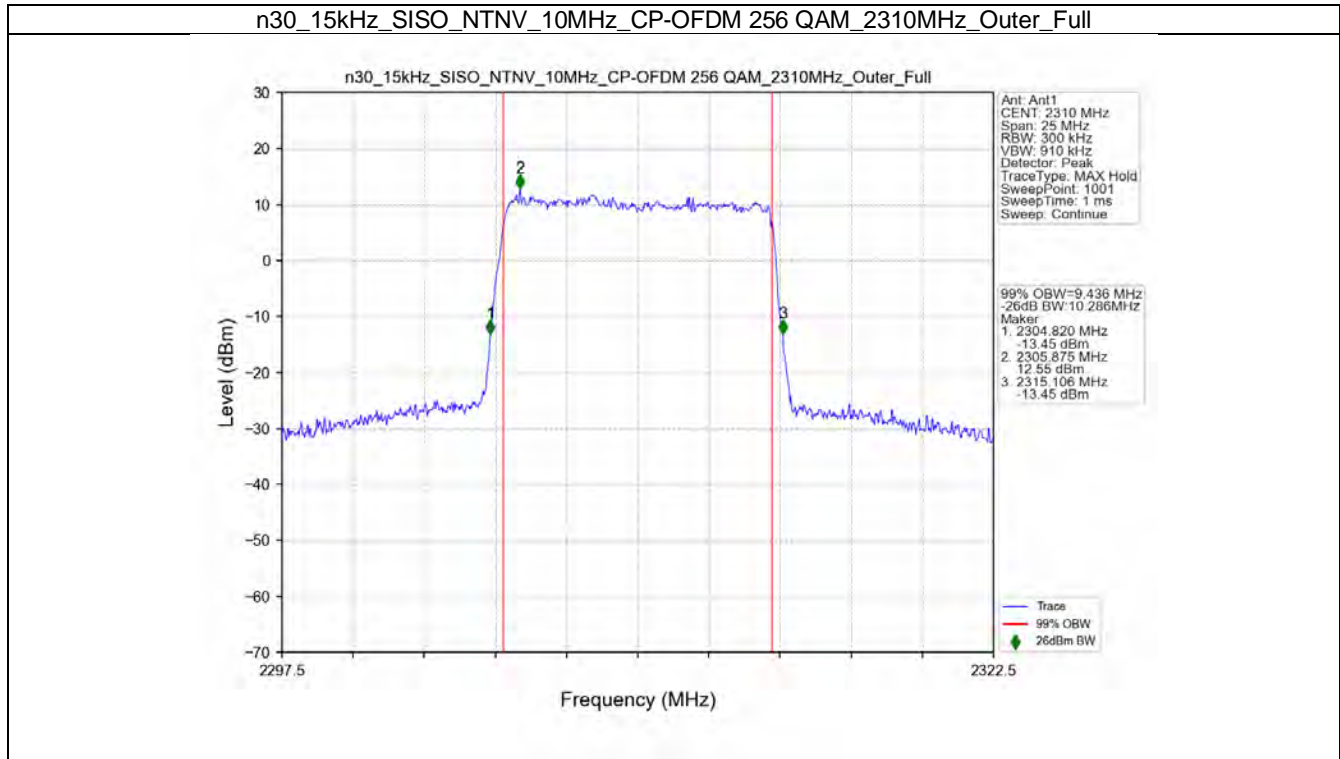


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## 4. Peak-Average Ratio

### 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)			Limit	Verdict
			Ant1	Ant2	Sum		
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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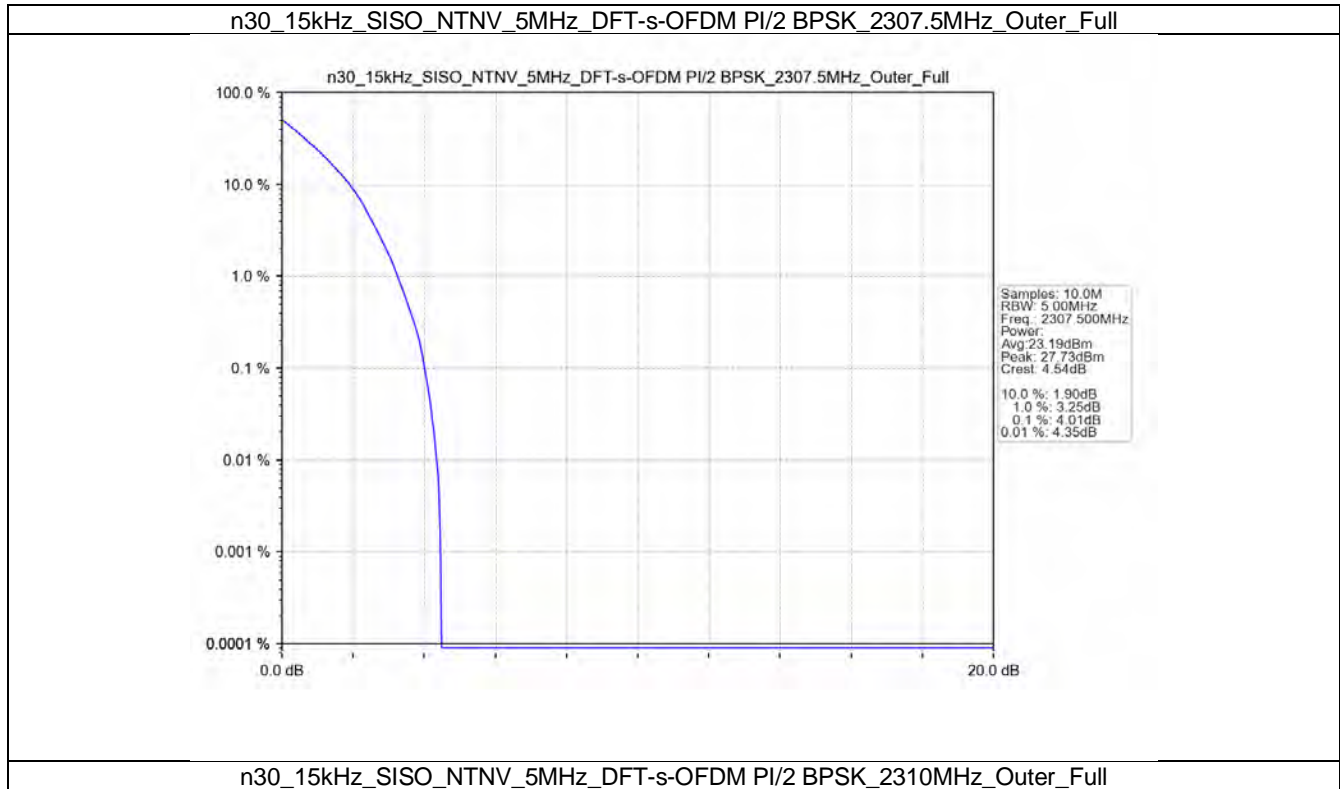
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4.1.2 Test Graph



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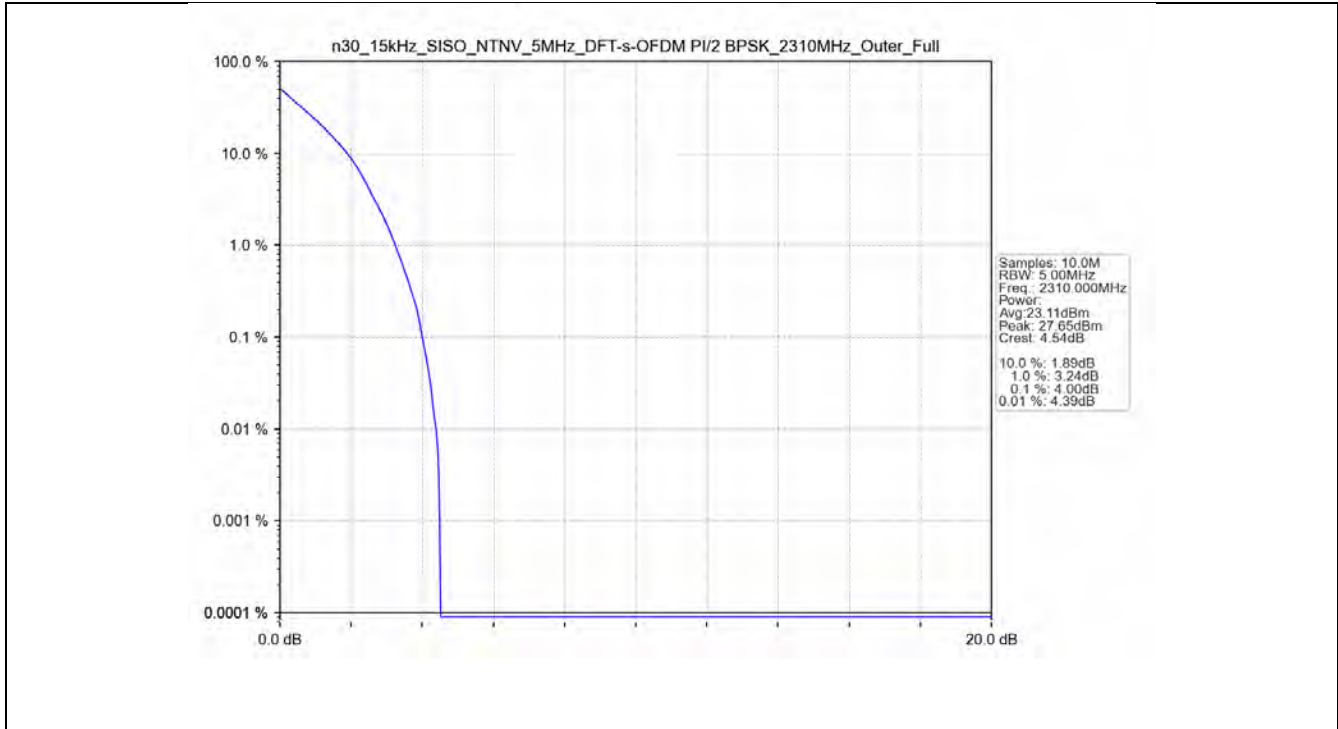


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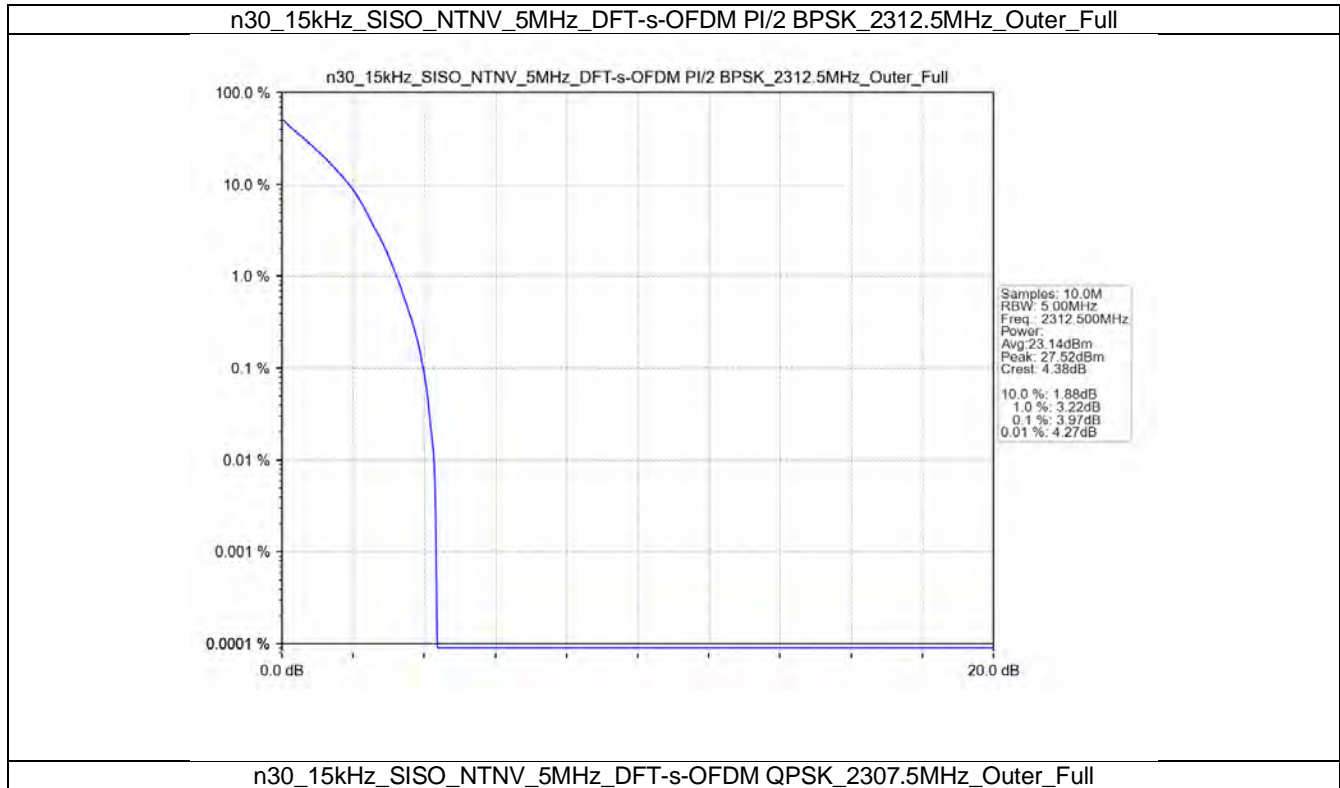


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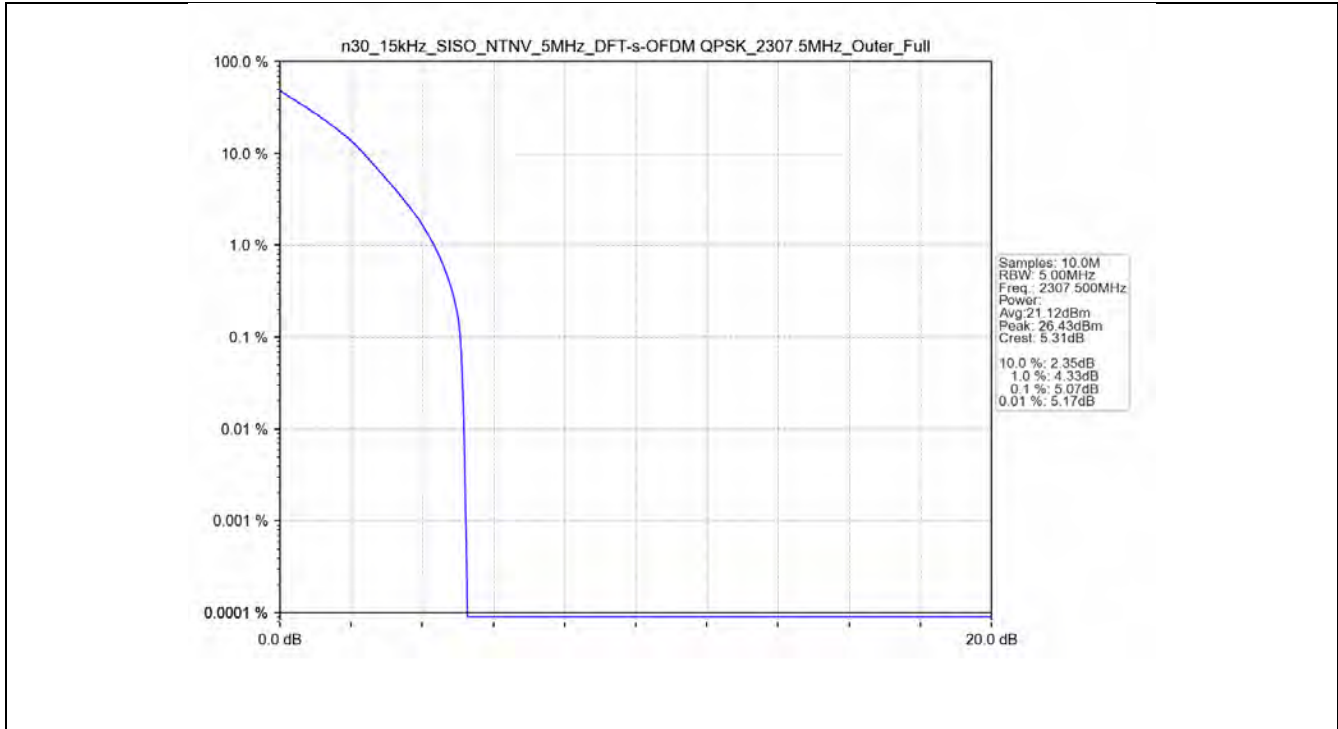


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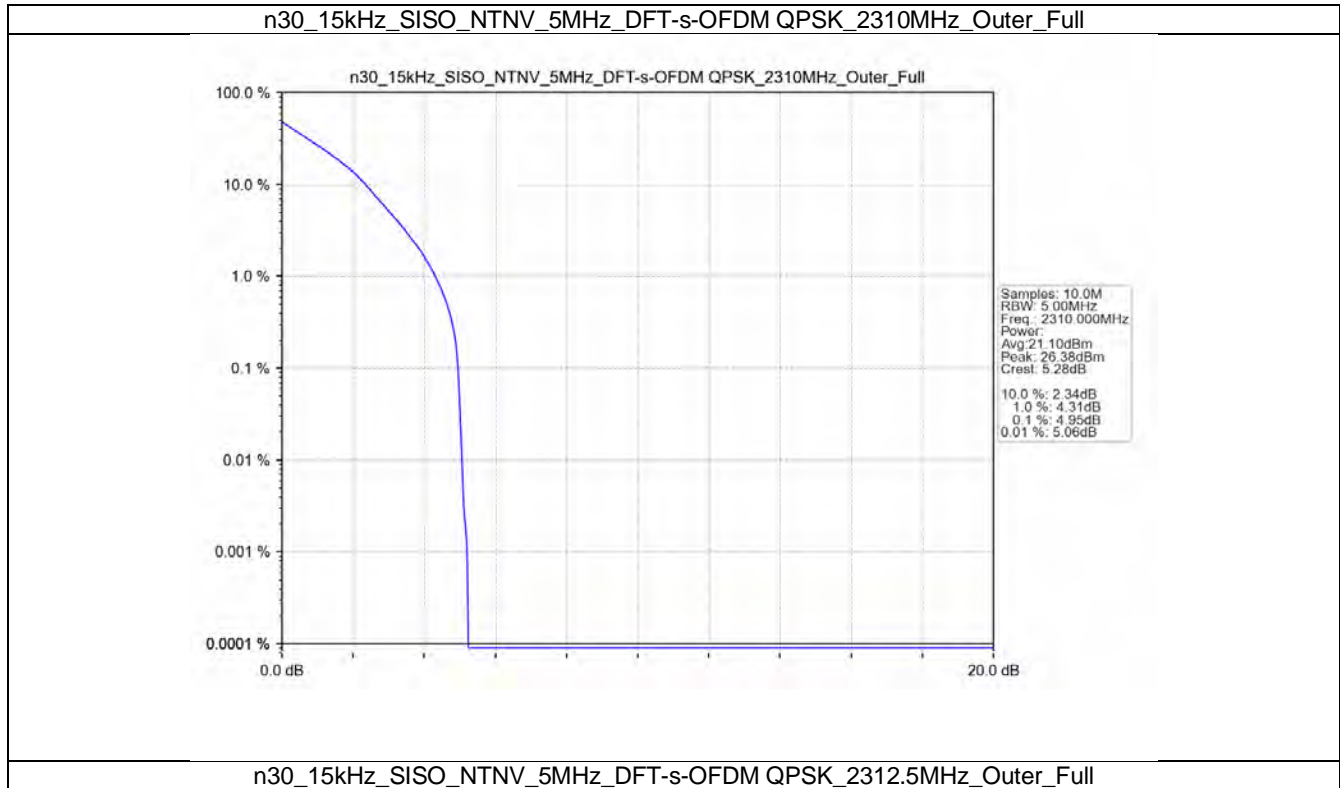


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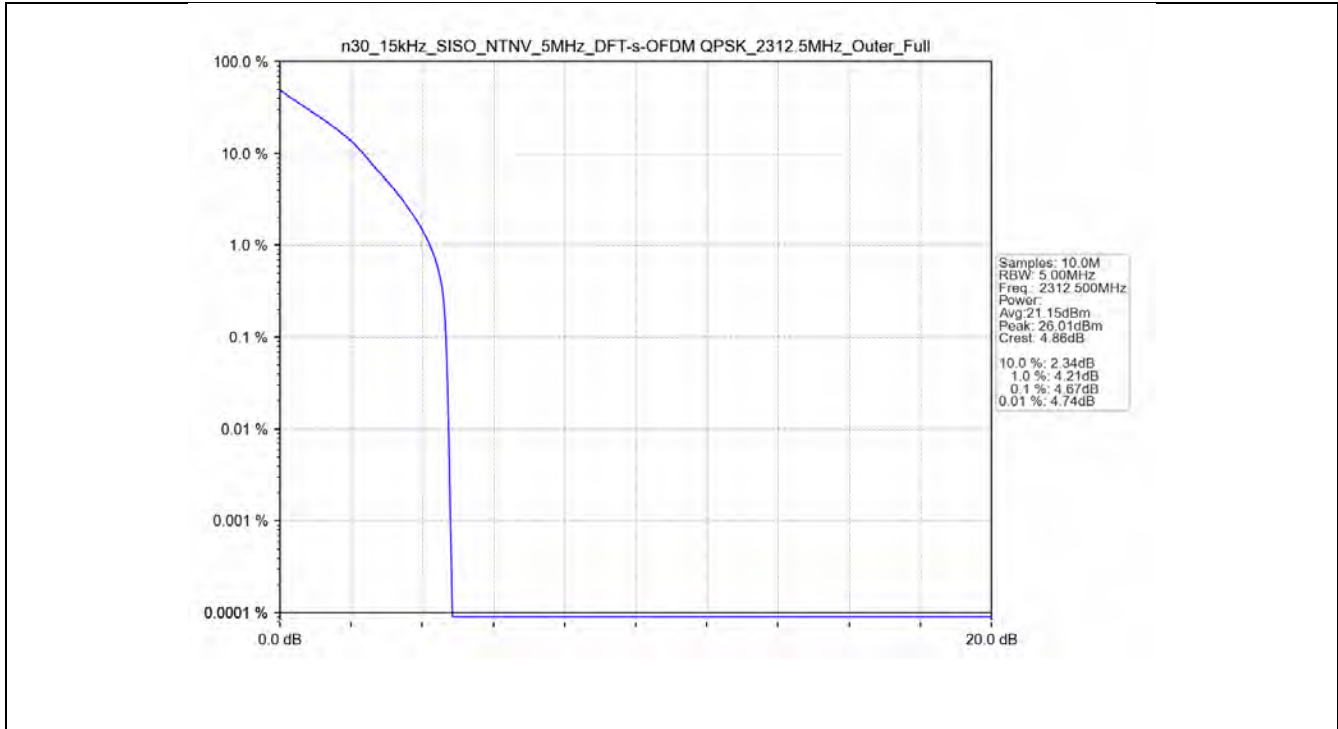


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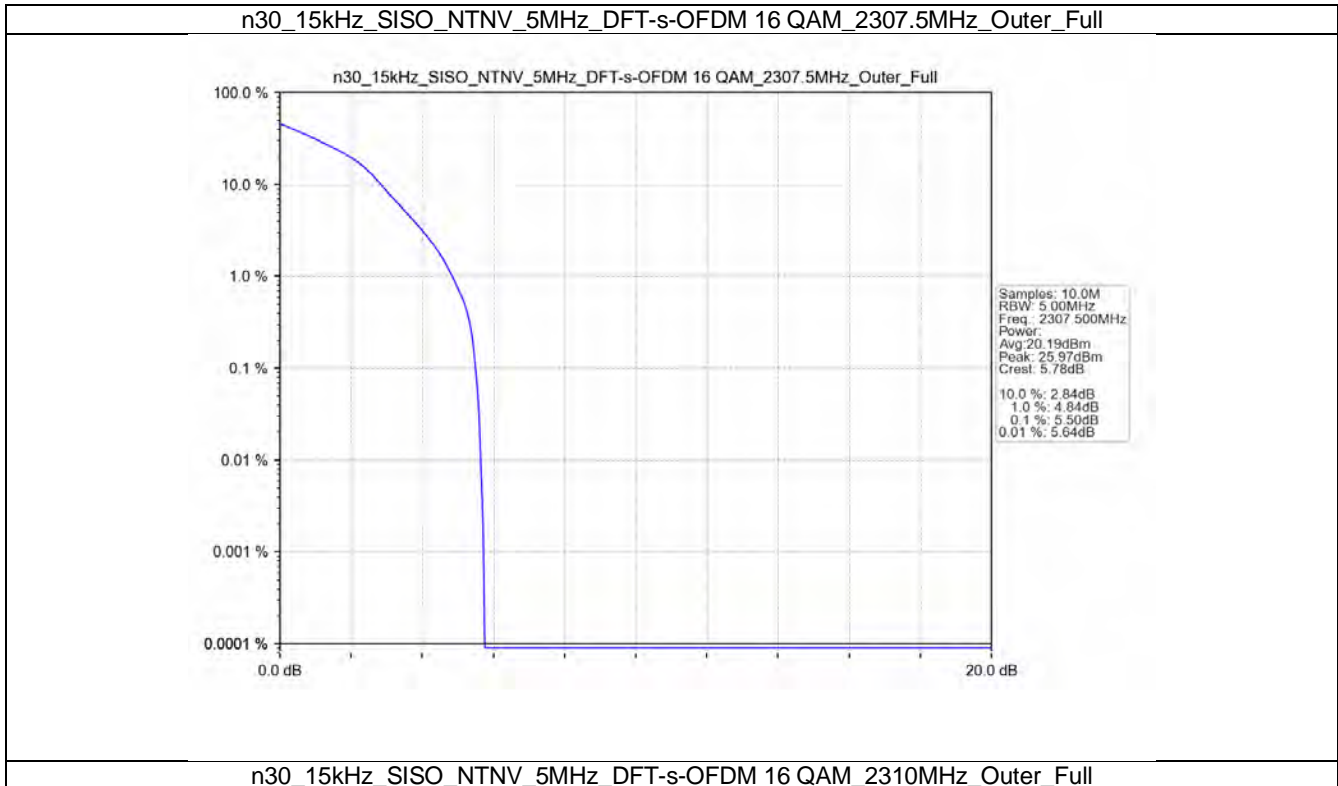


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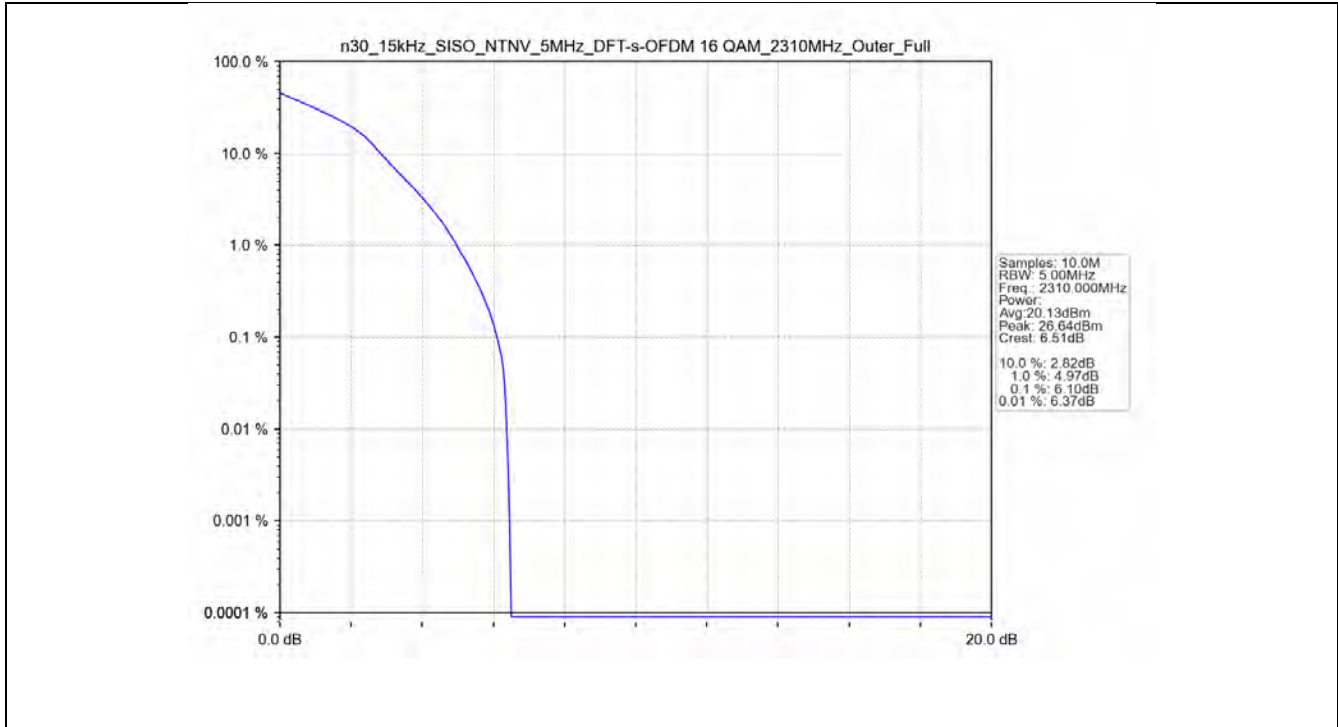


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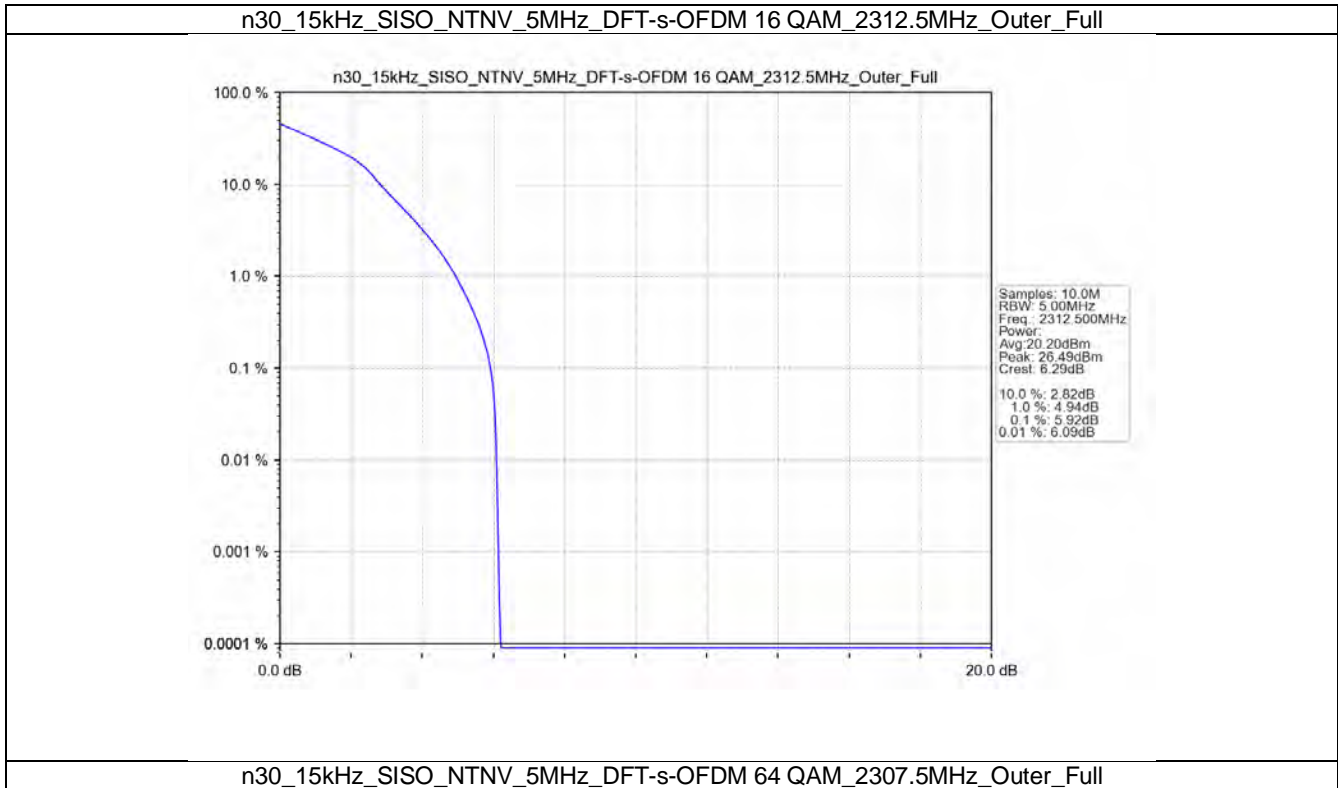


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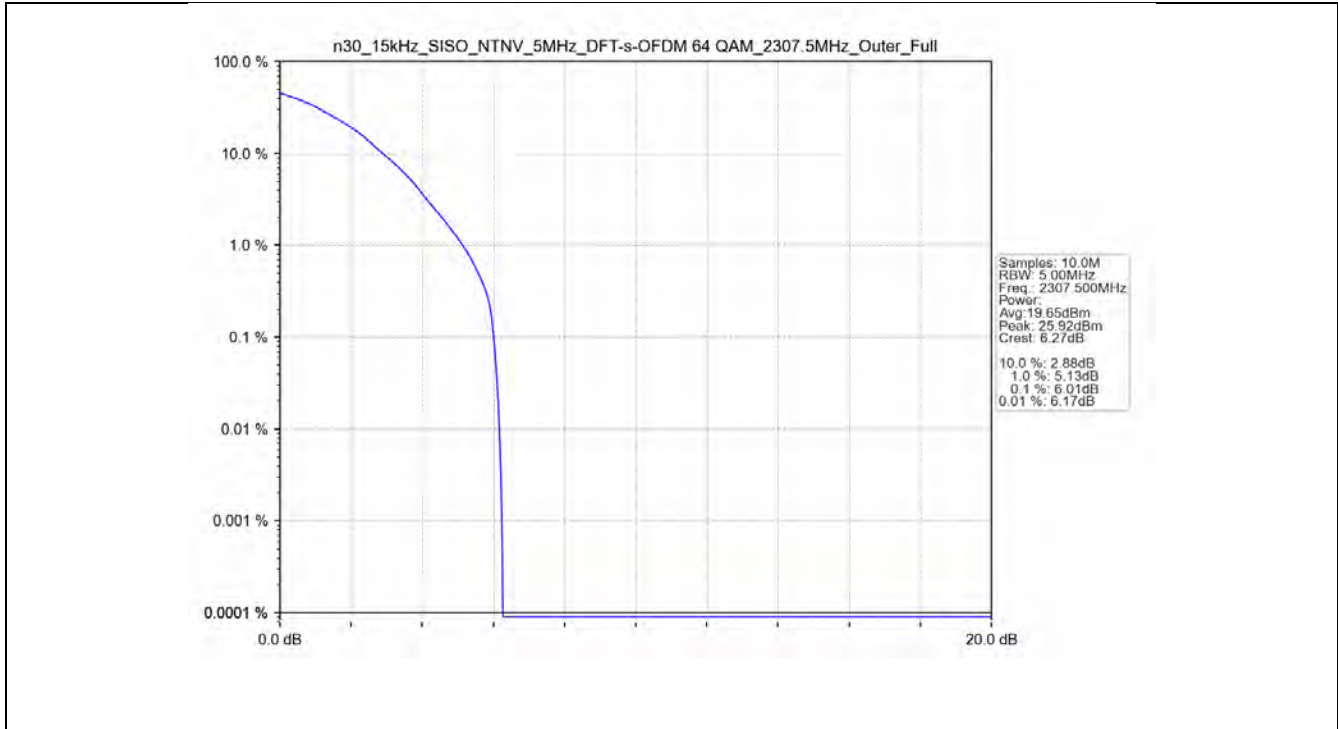


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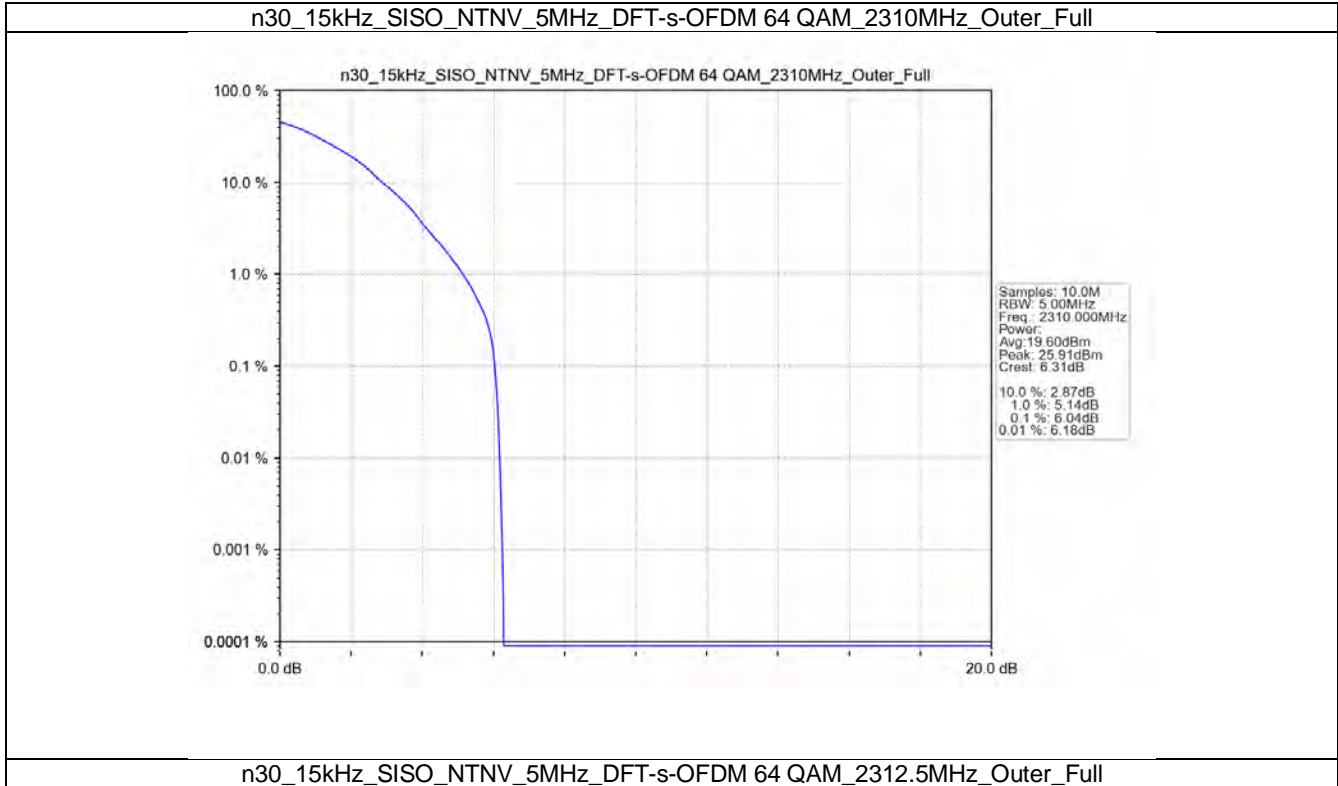


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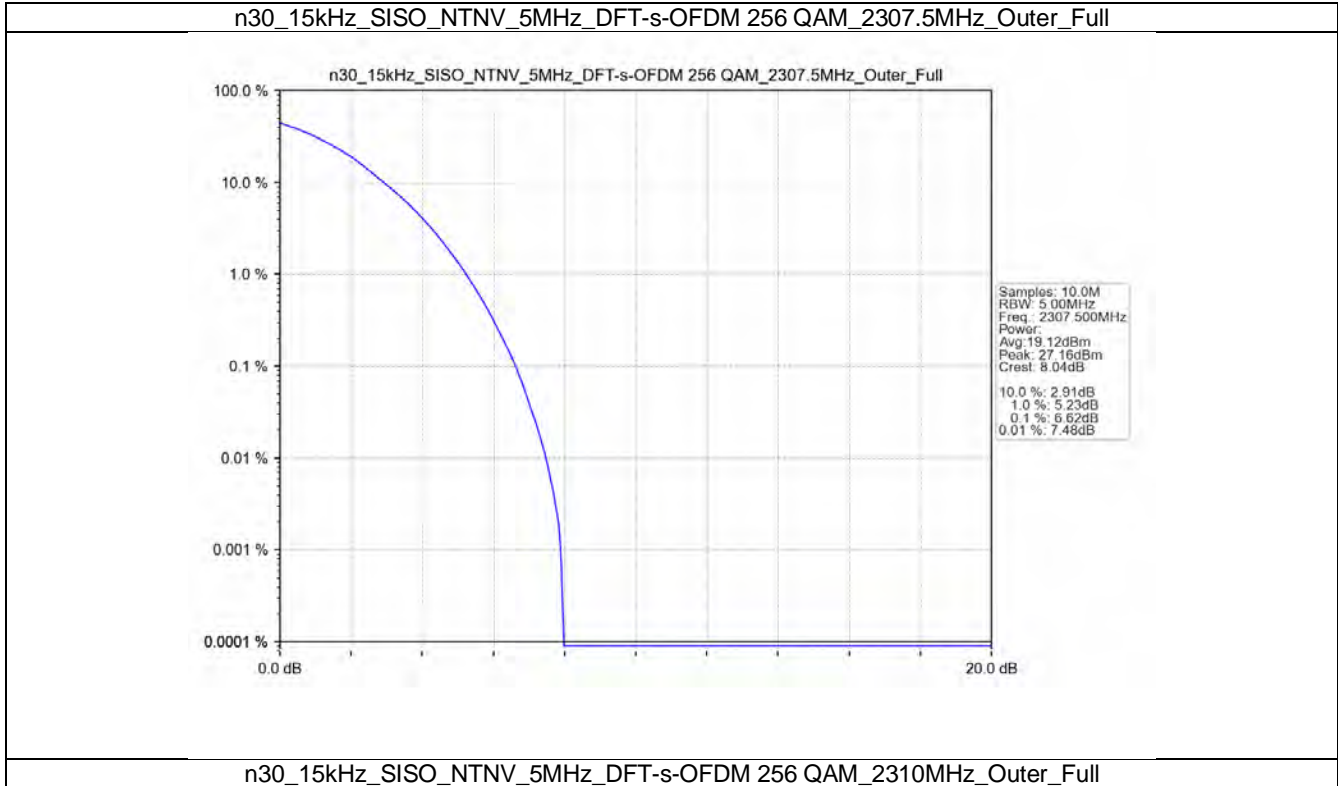


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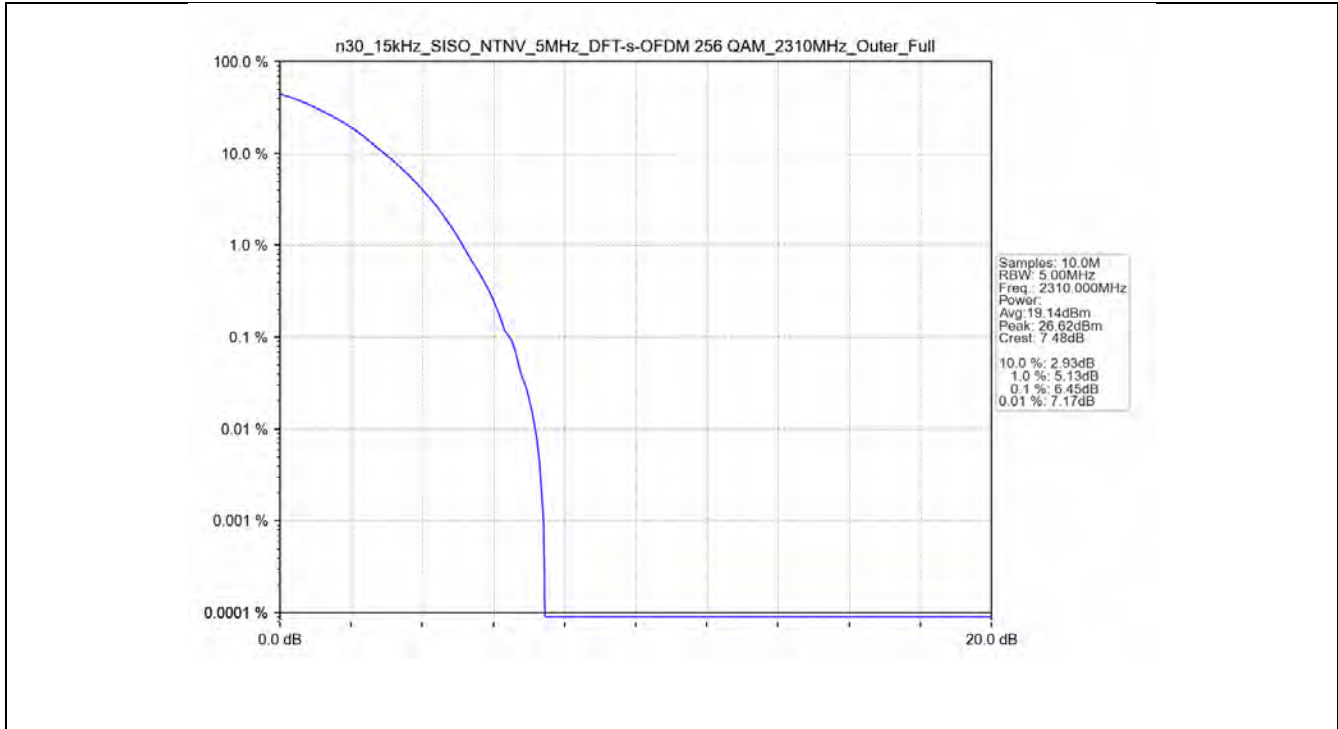


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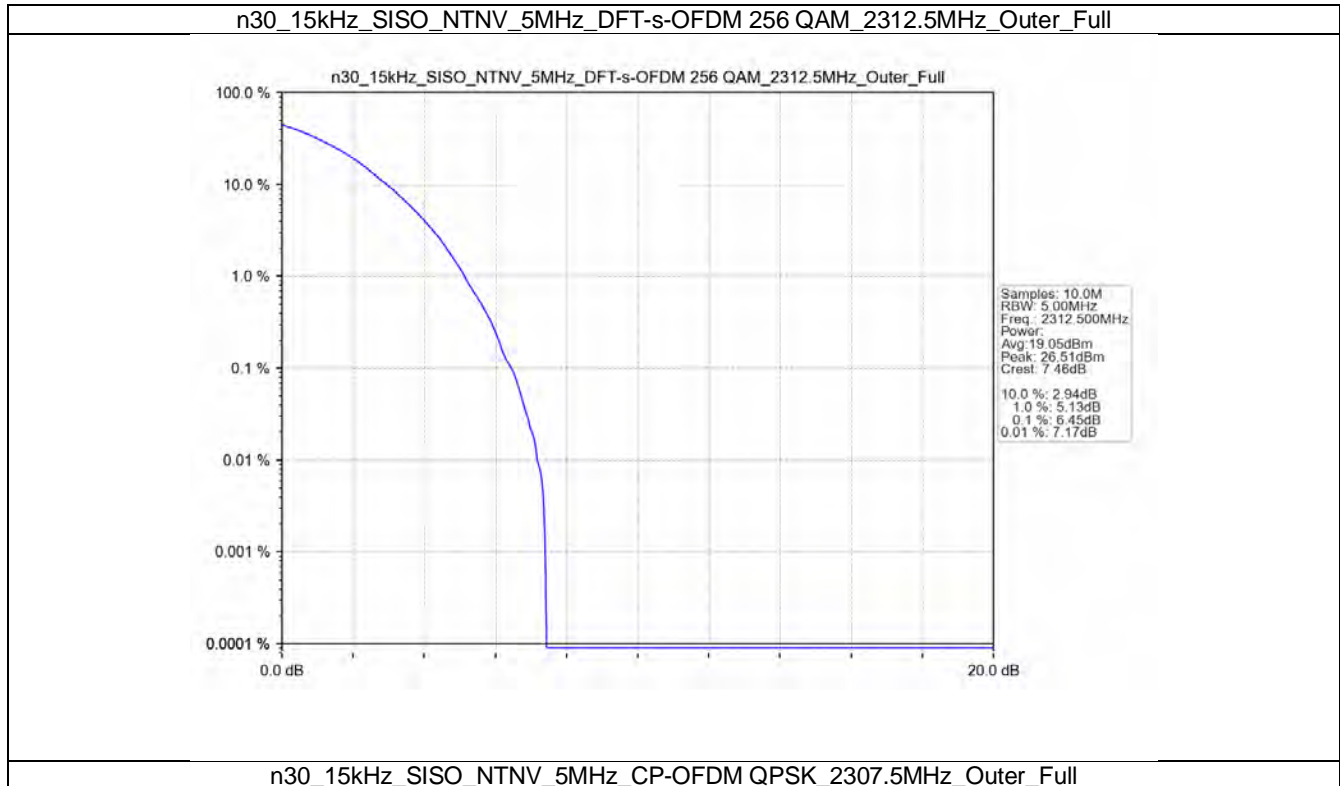


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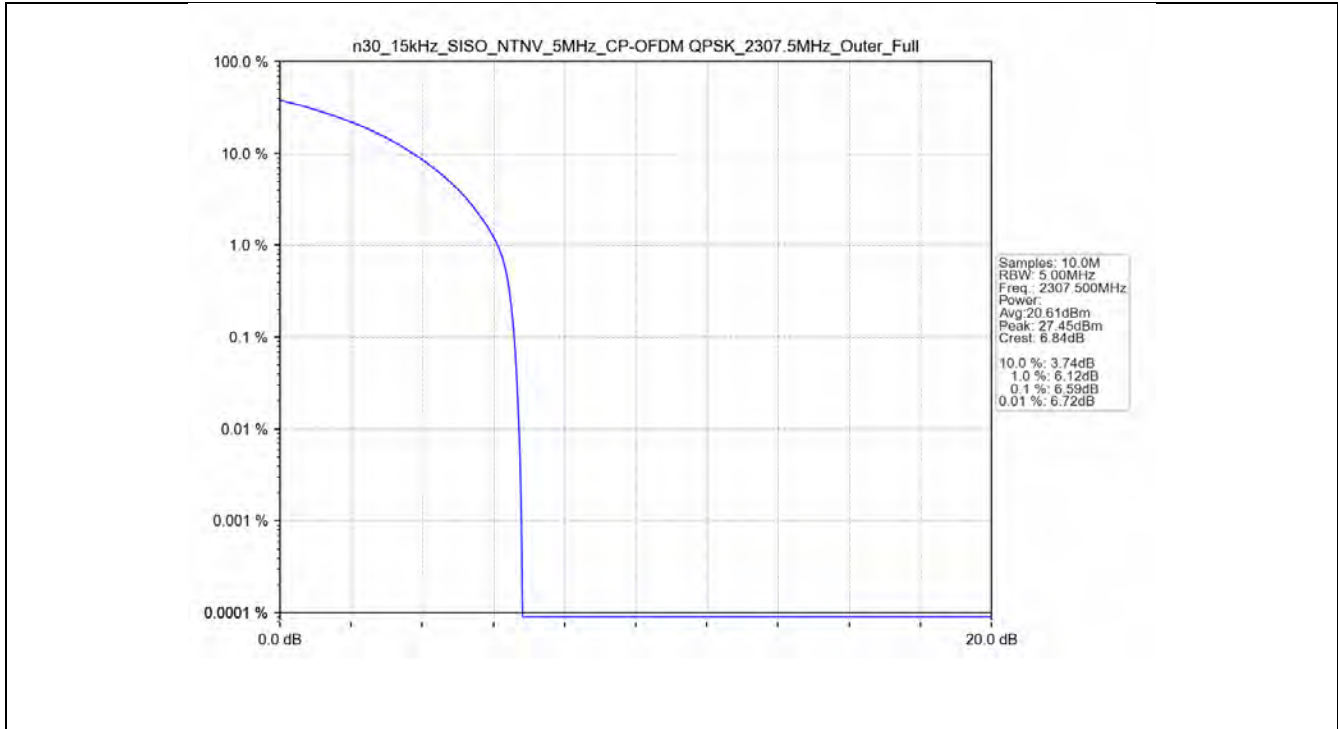


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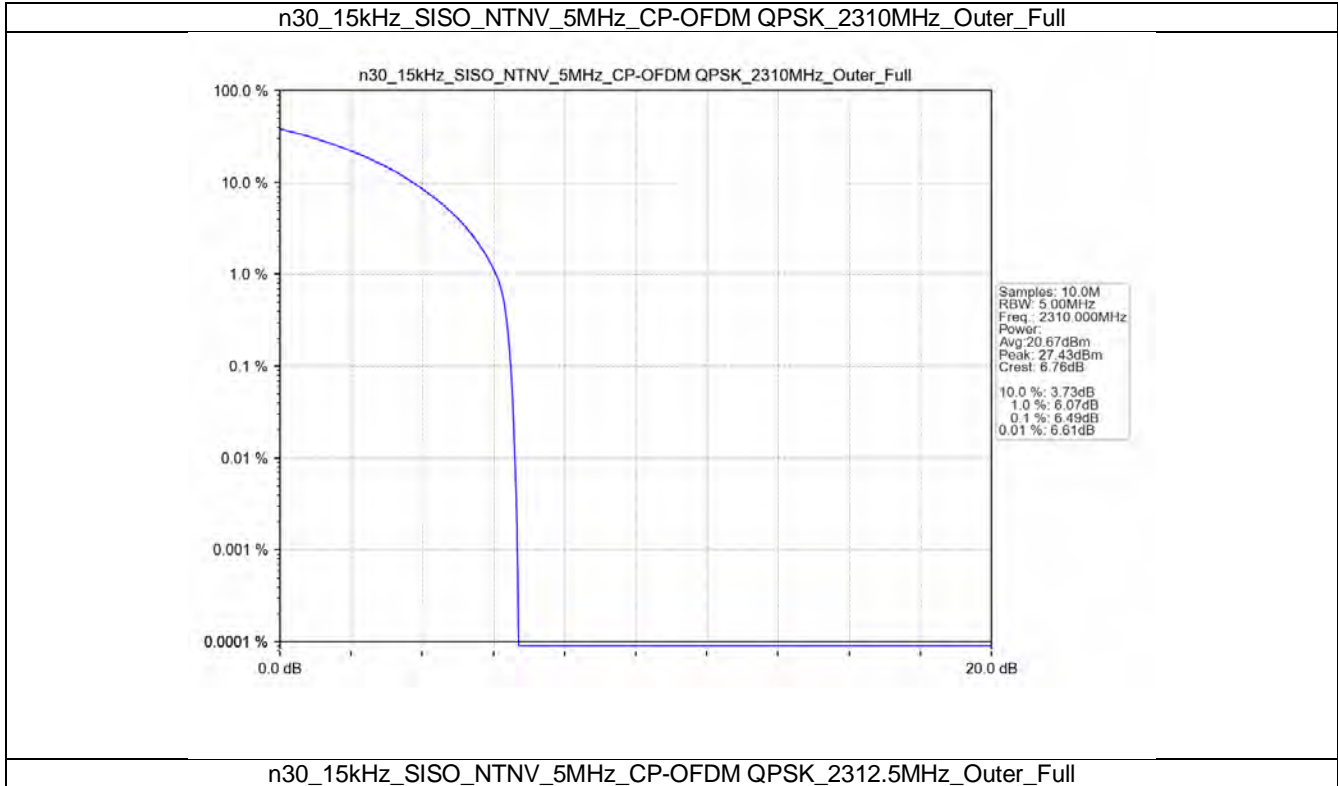


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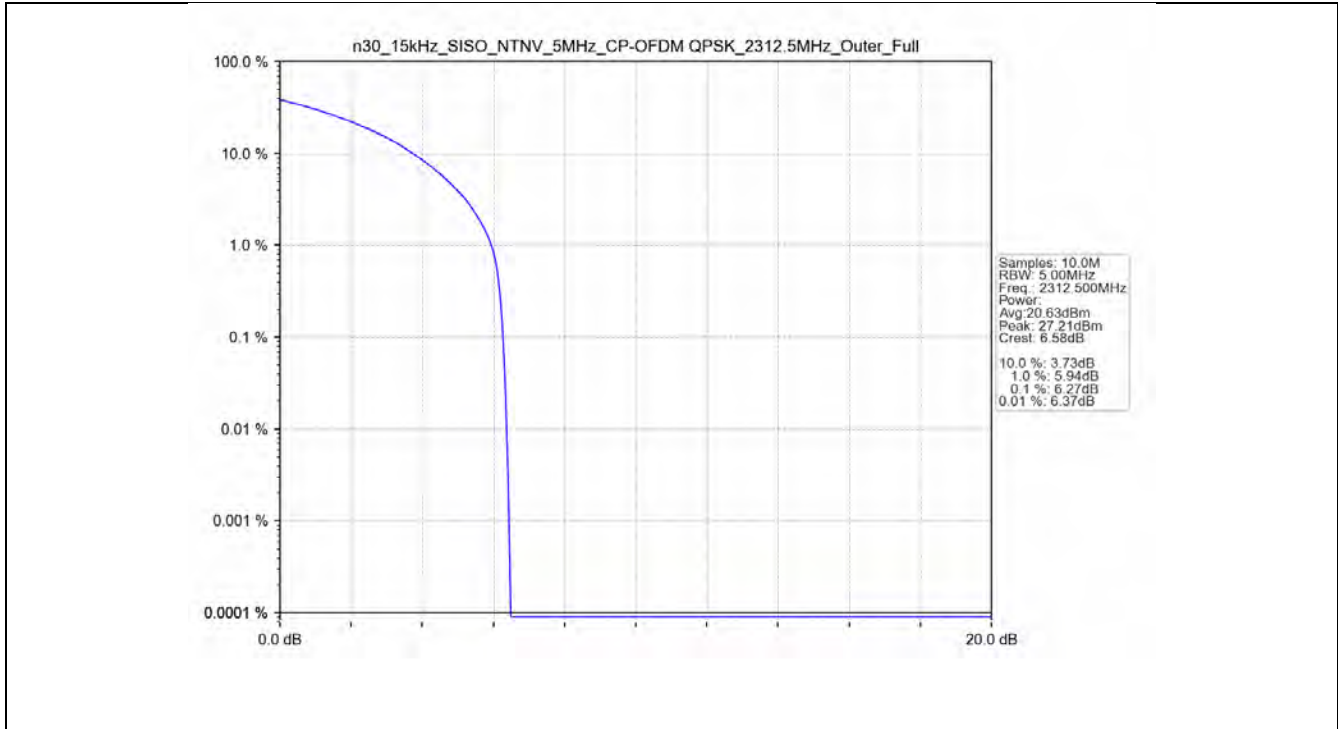


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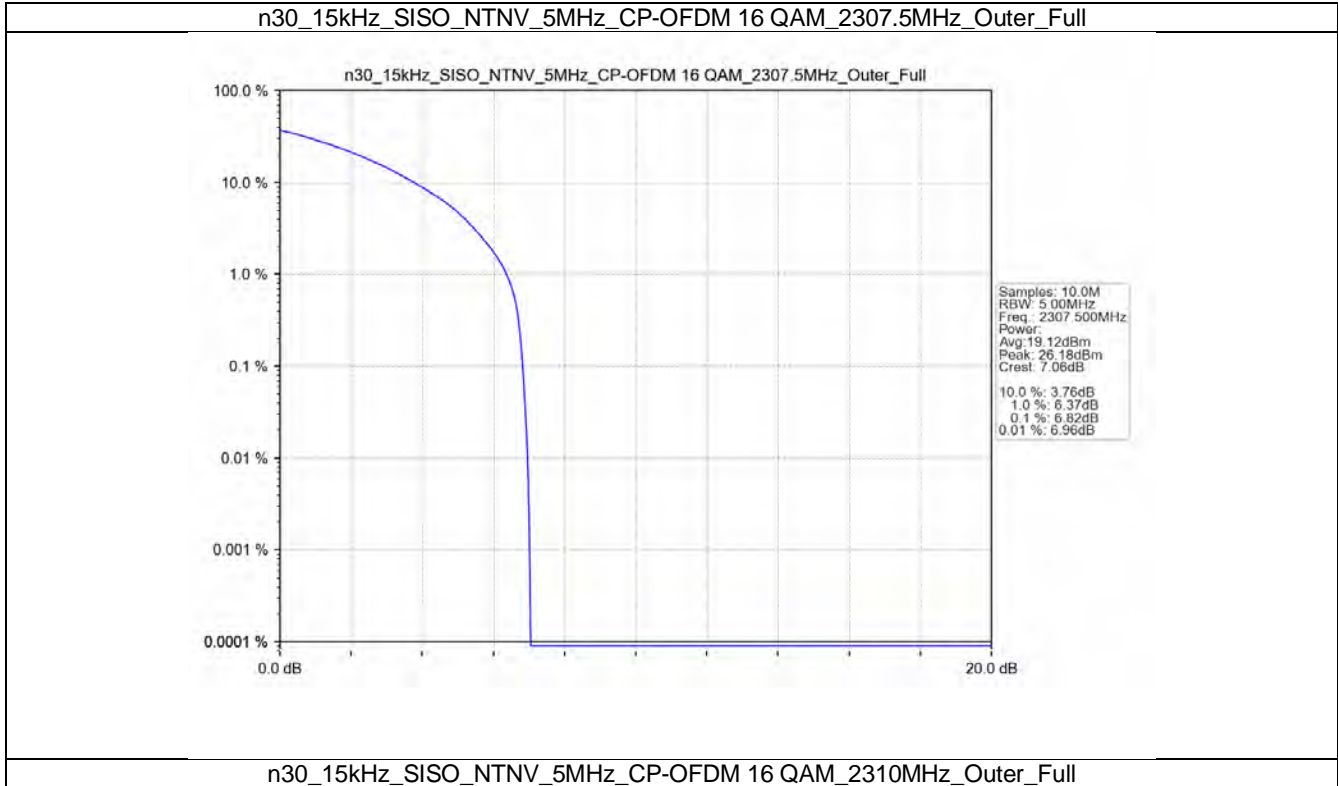


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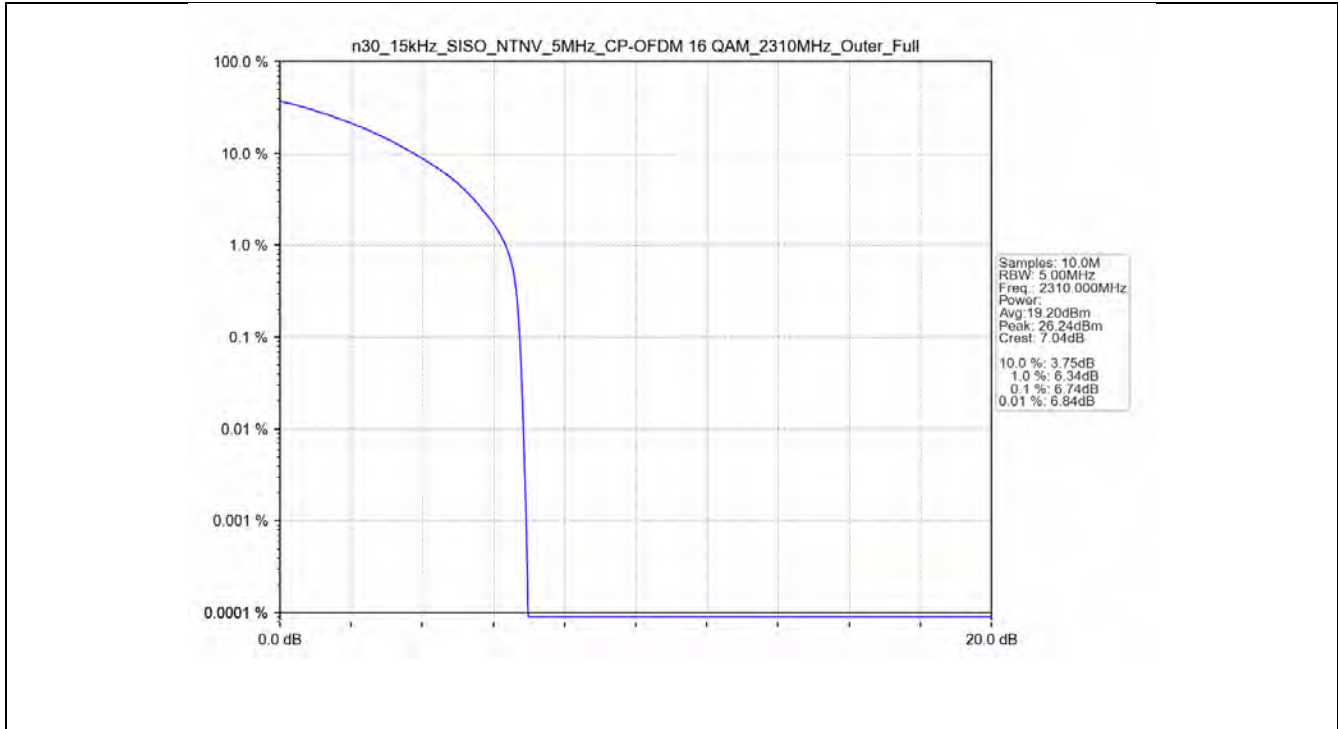


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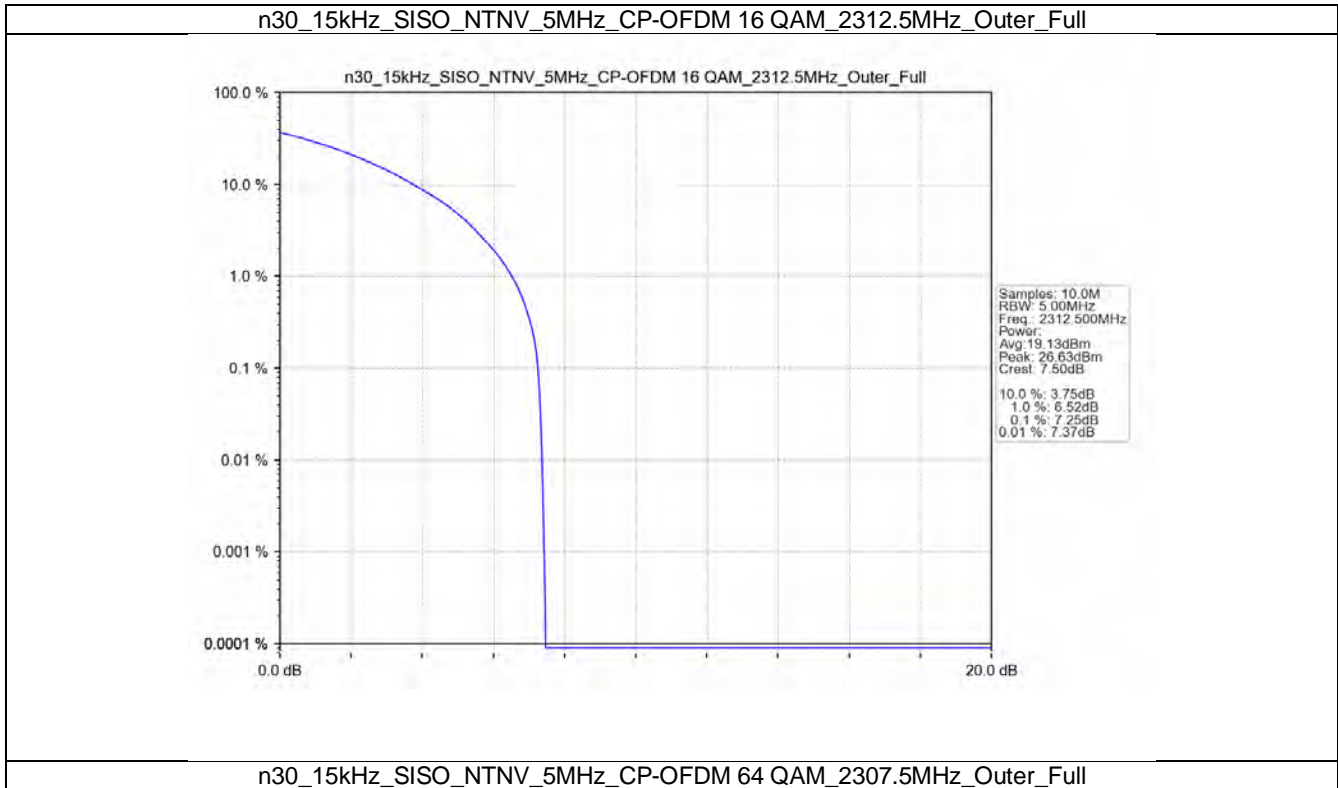


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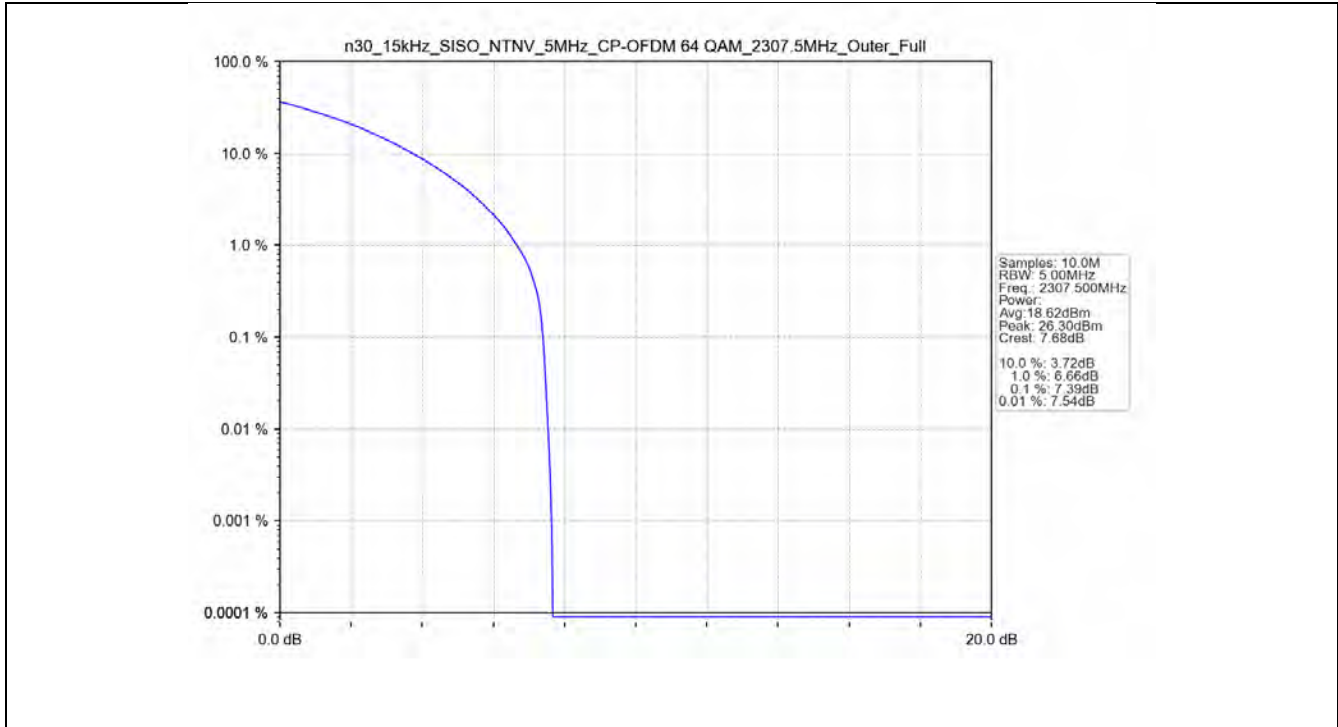


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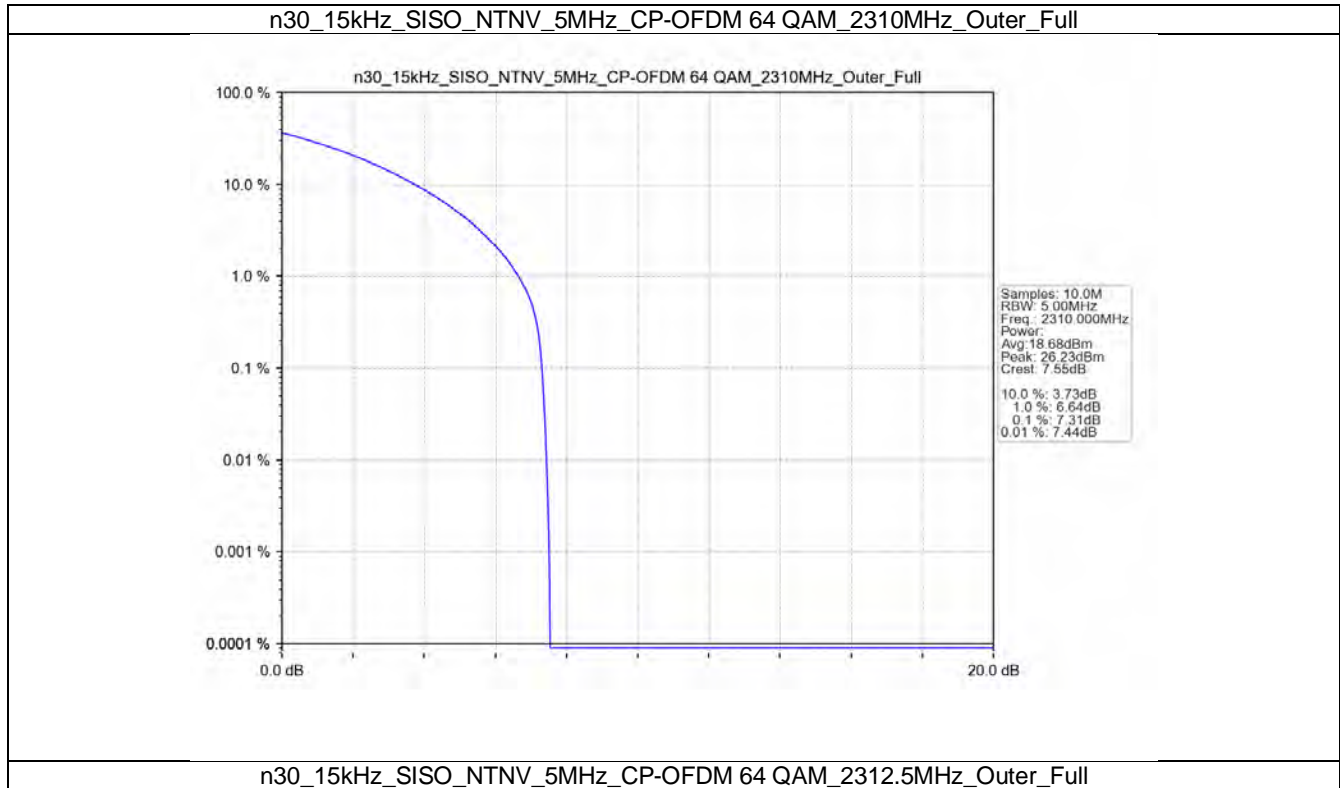


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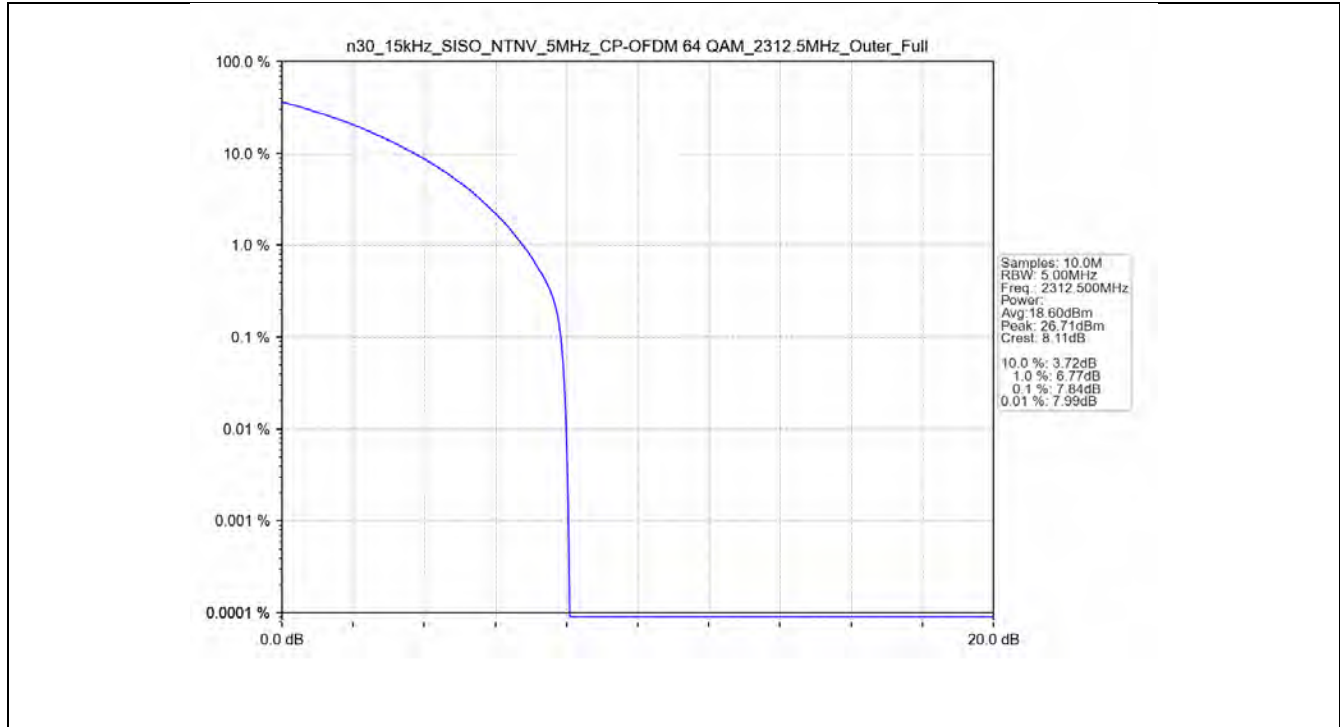


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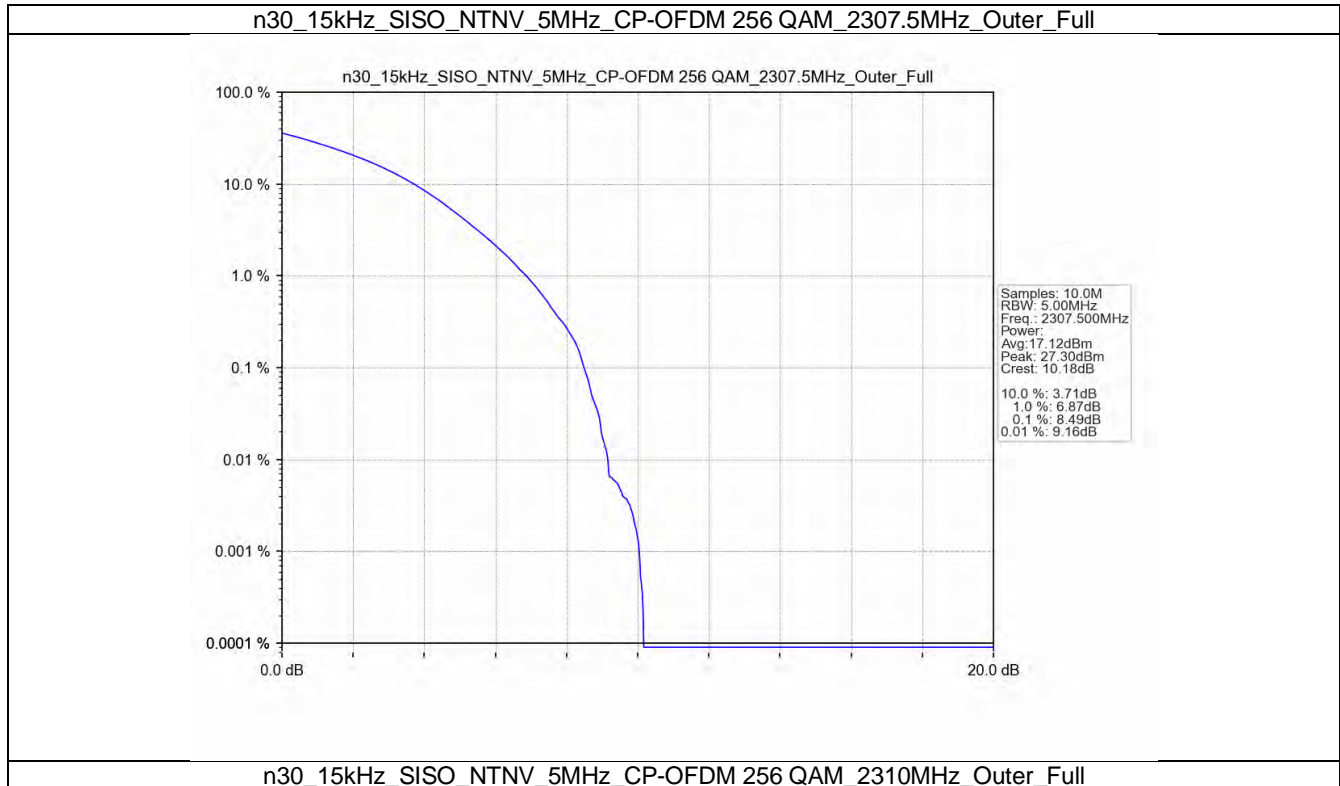


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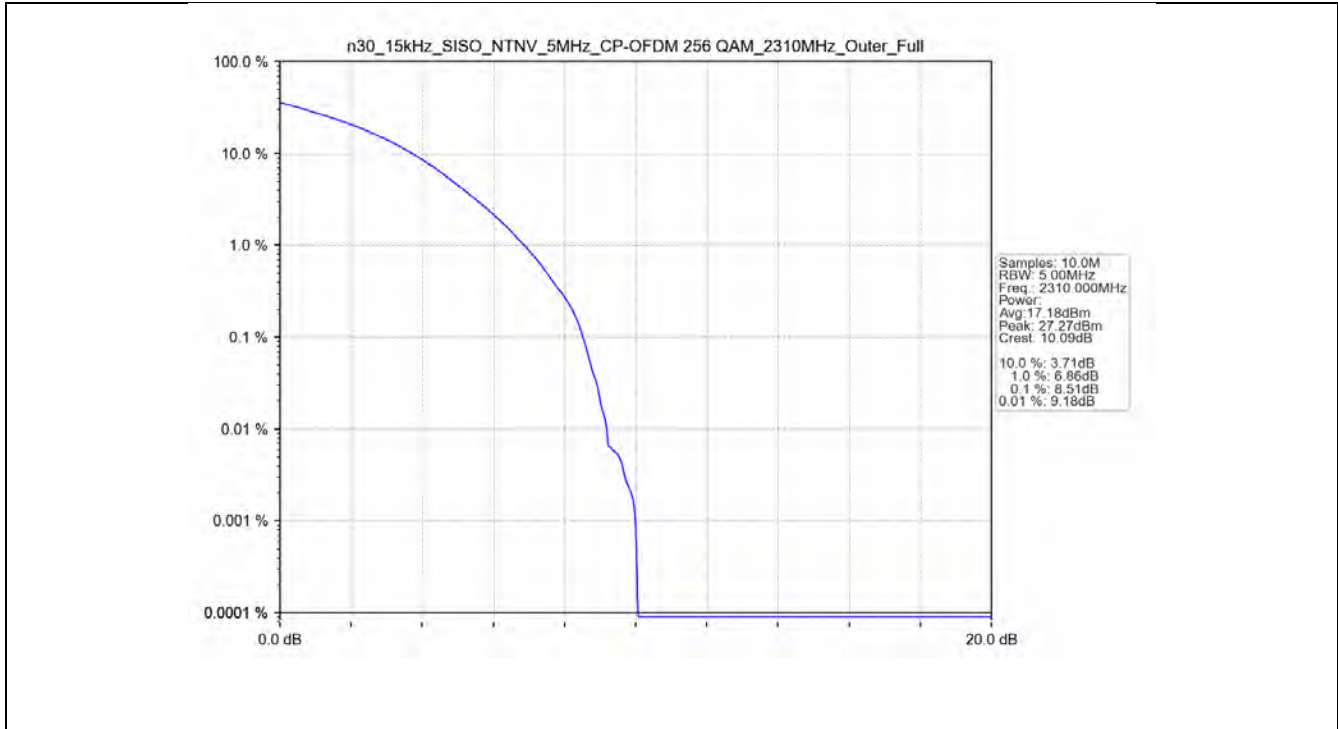


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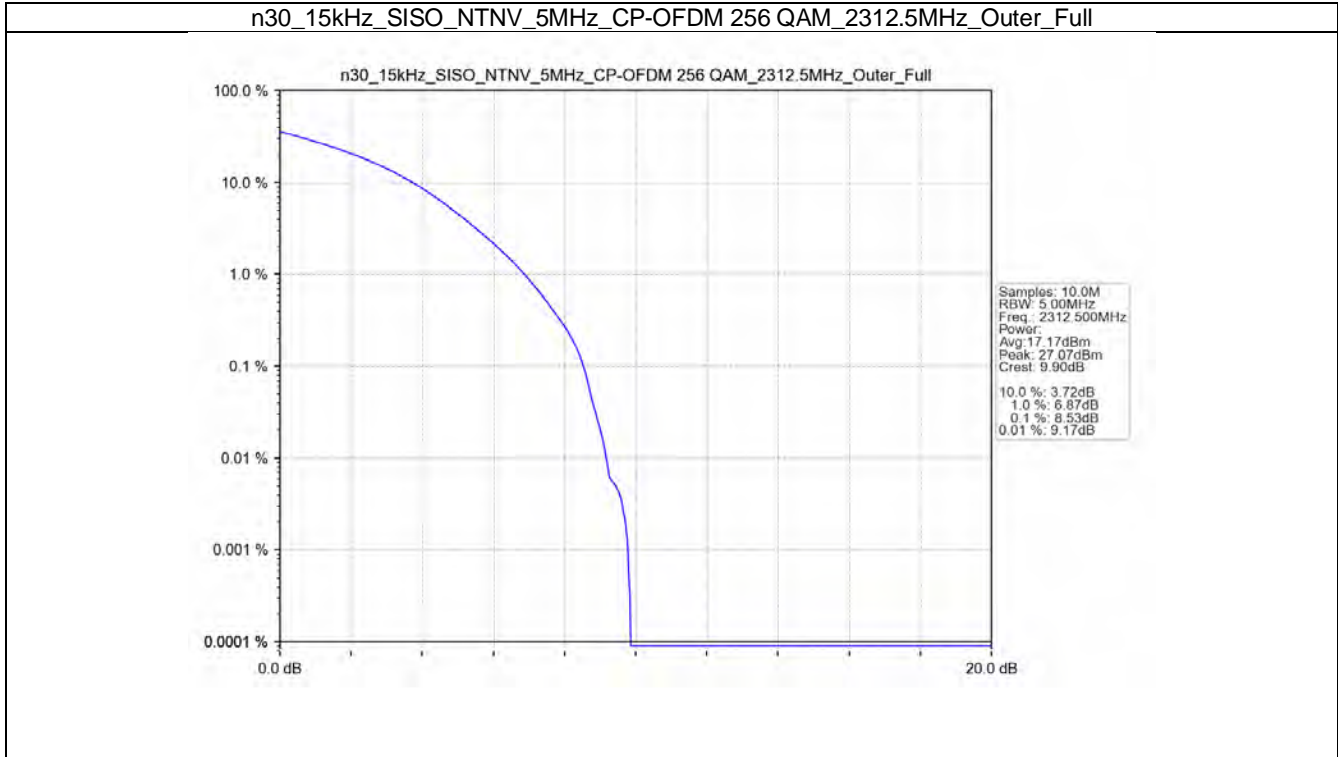


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## 4.2 15k\_SISO\_10MHz\_NTNV

### 4.2.1 Test Result

5G NR n30 SCS=15kHz SISO 10MHz NTN							
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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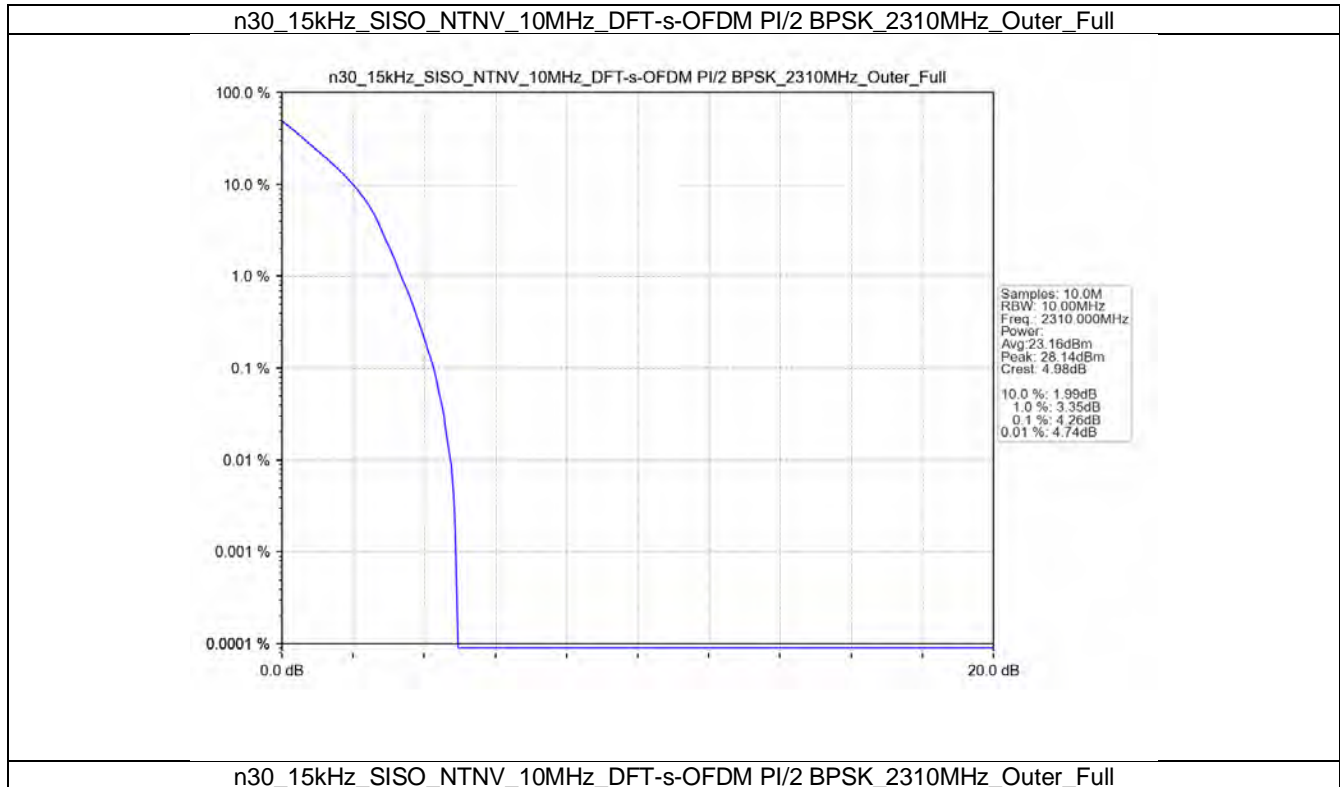


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4.2.2 Test Graph



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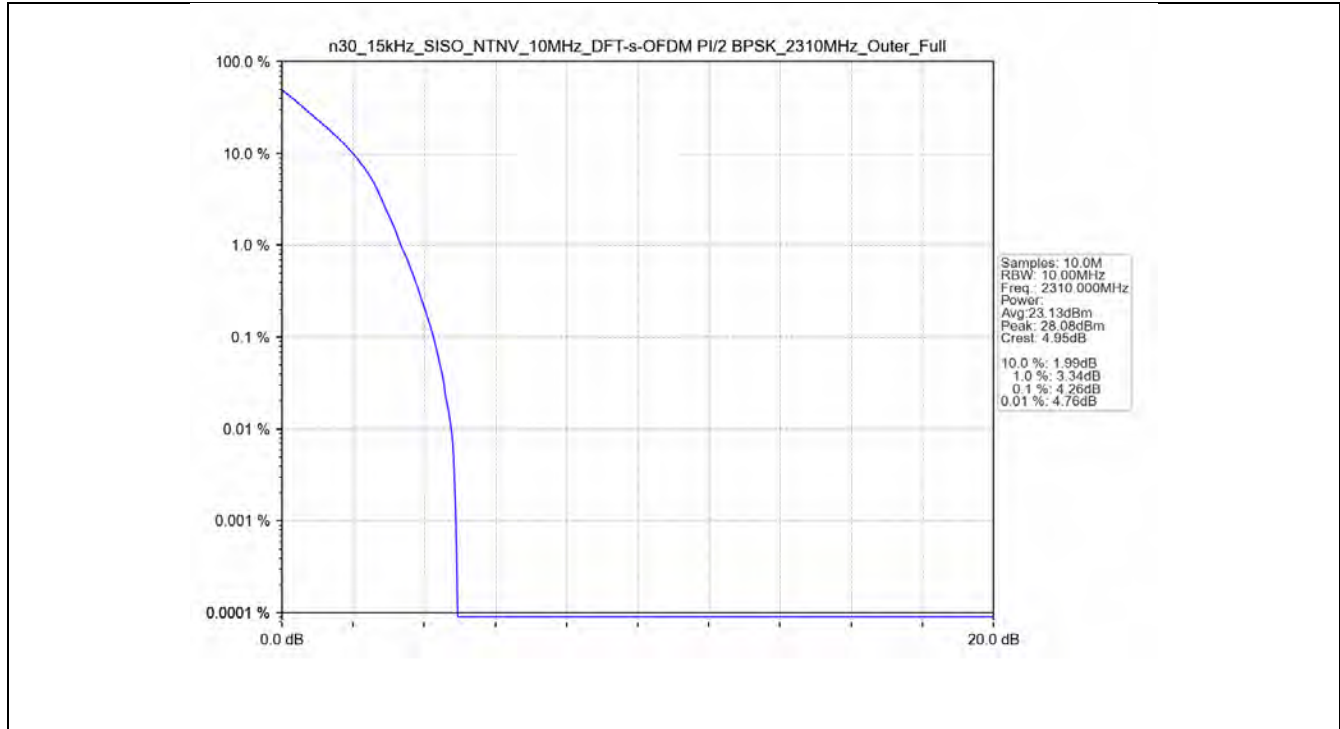


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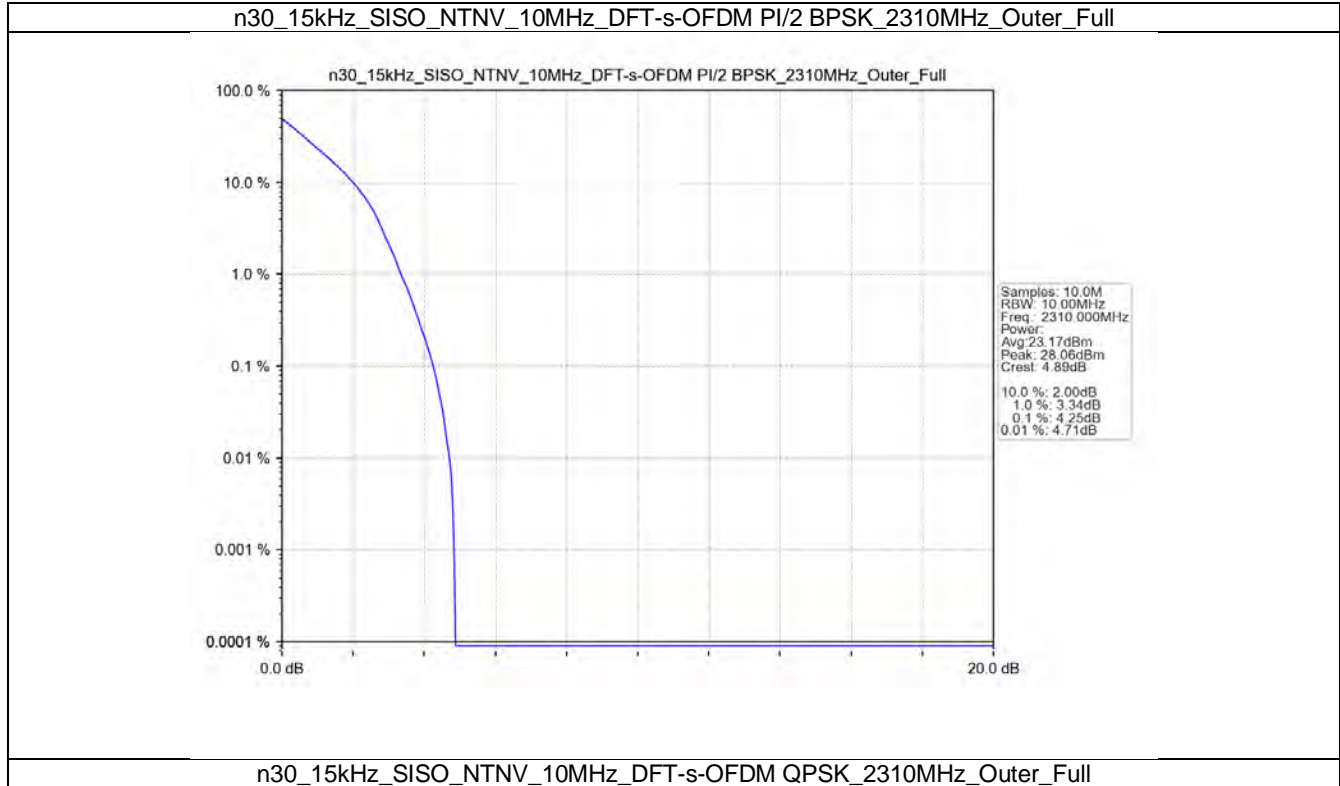


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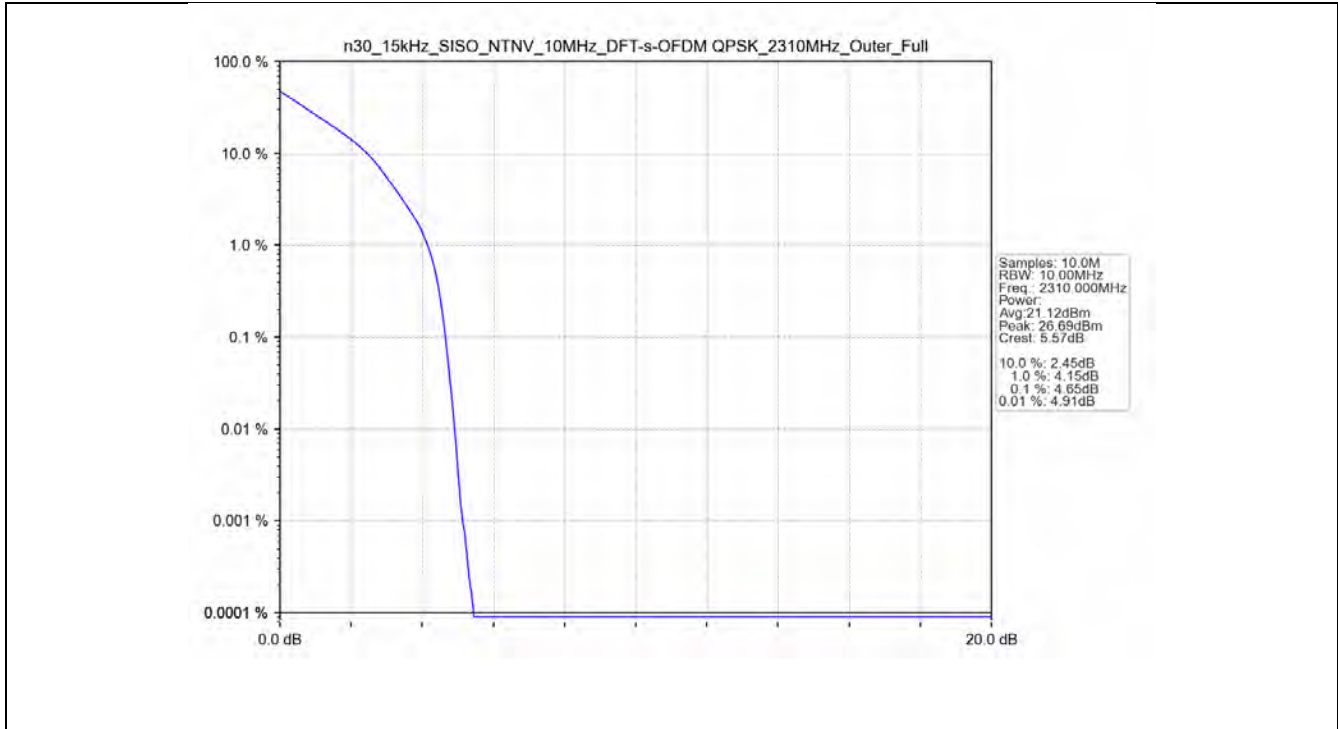


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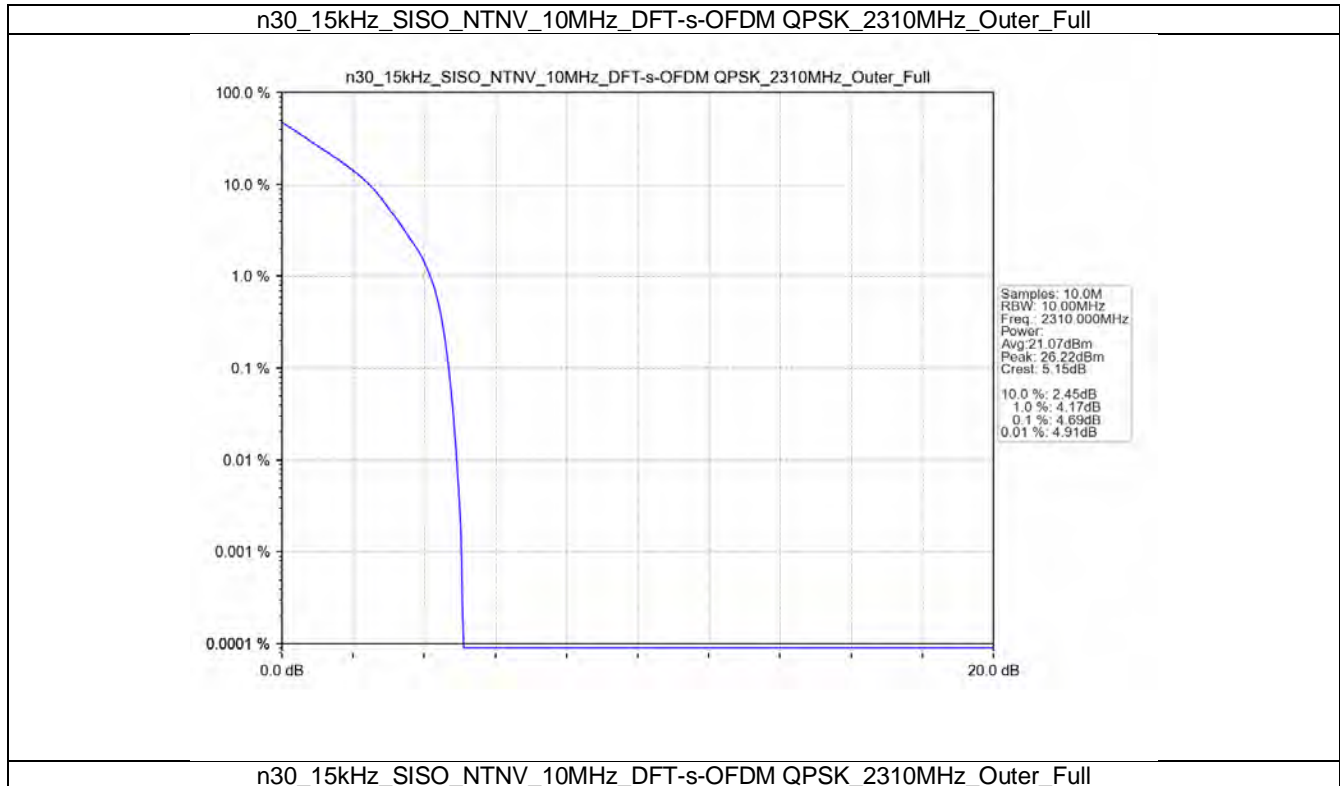


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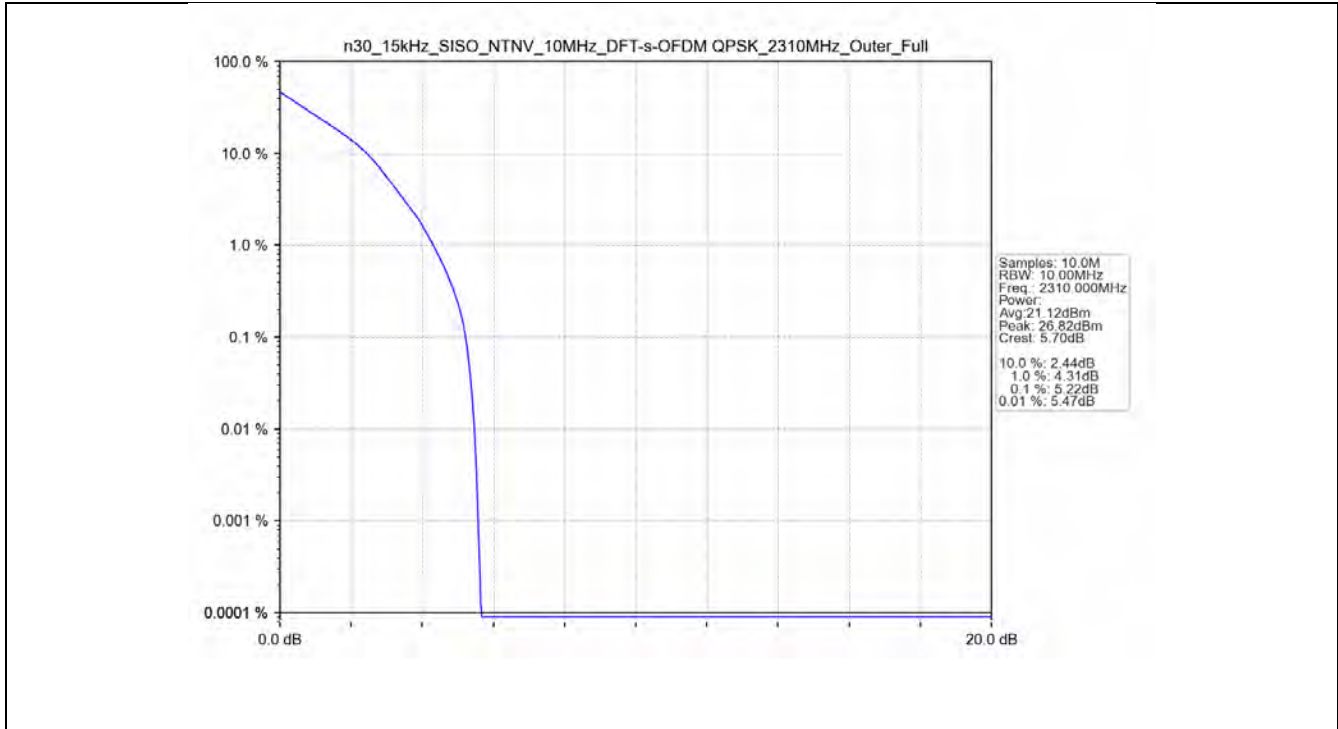


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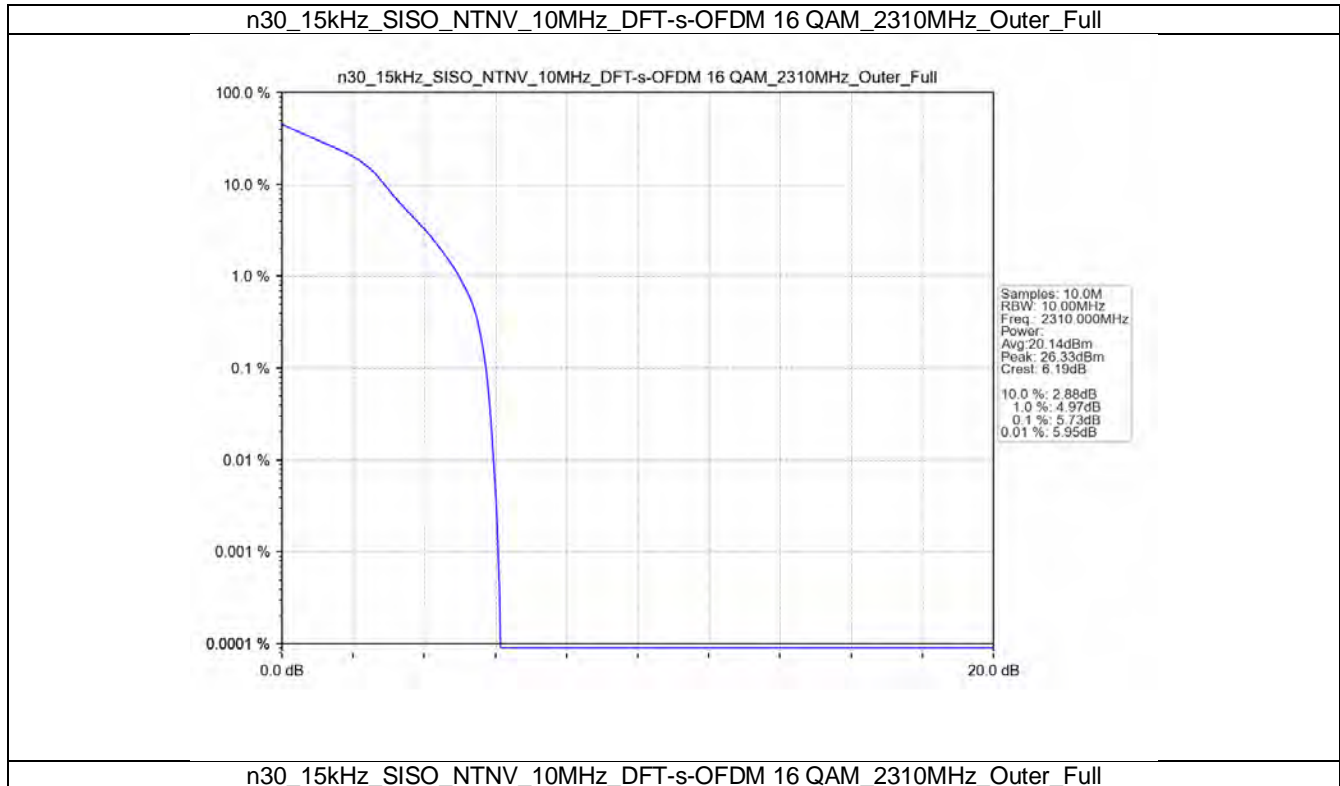


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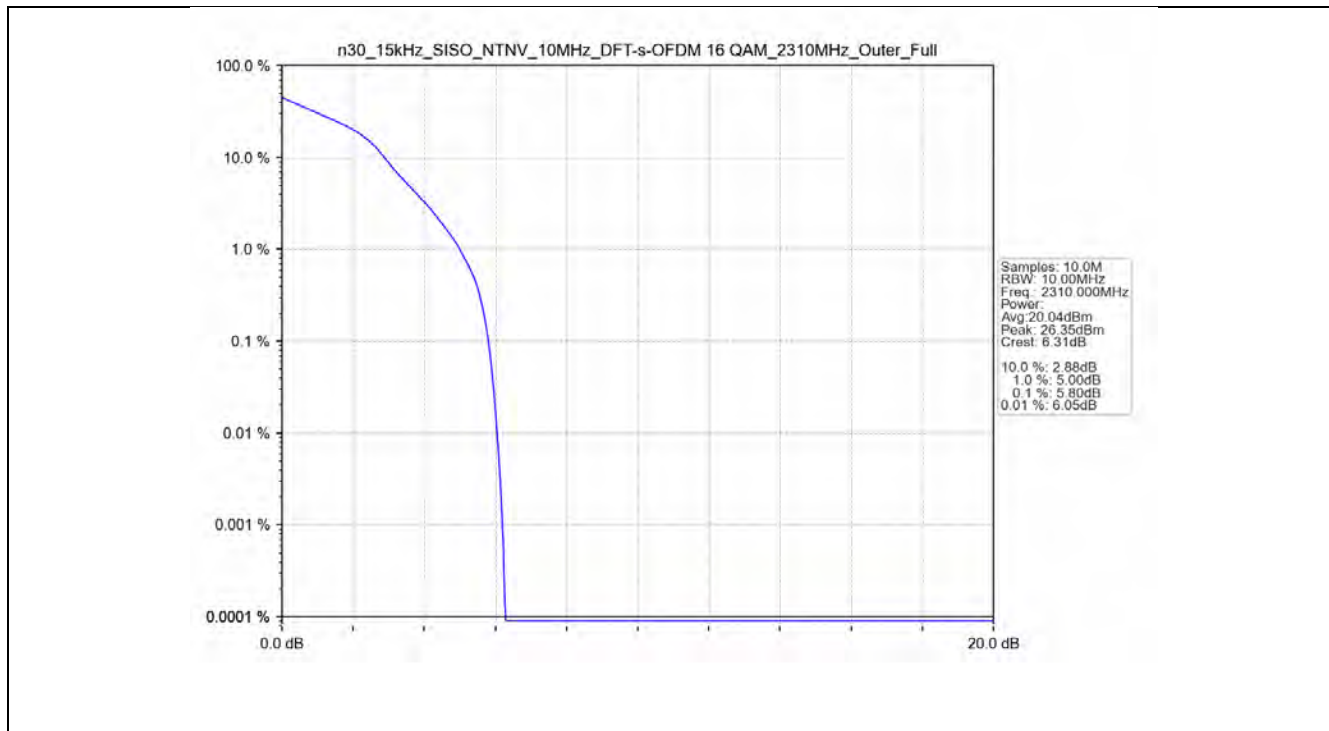
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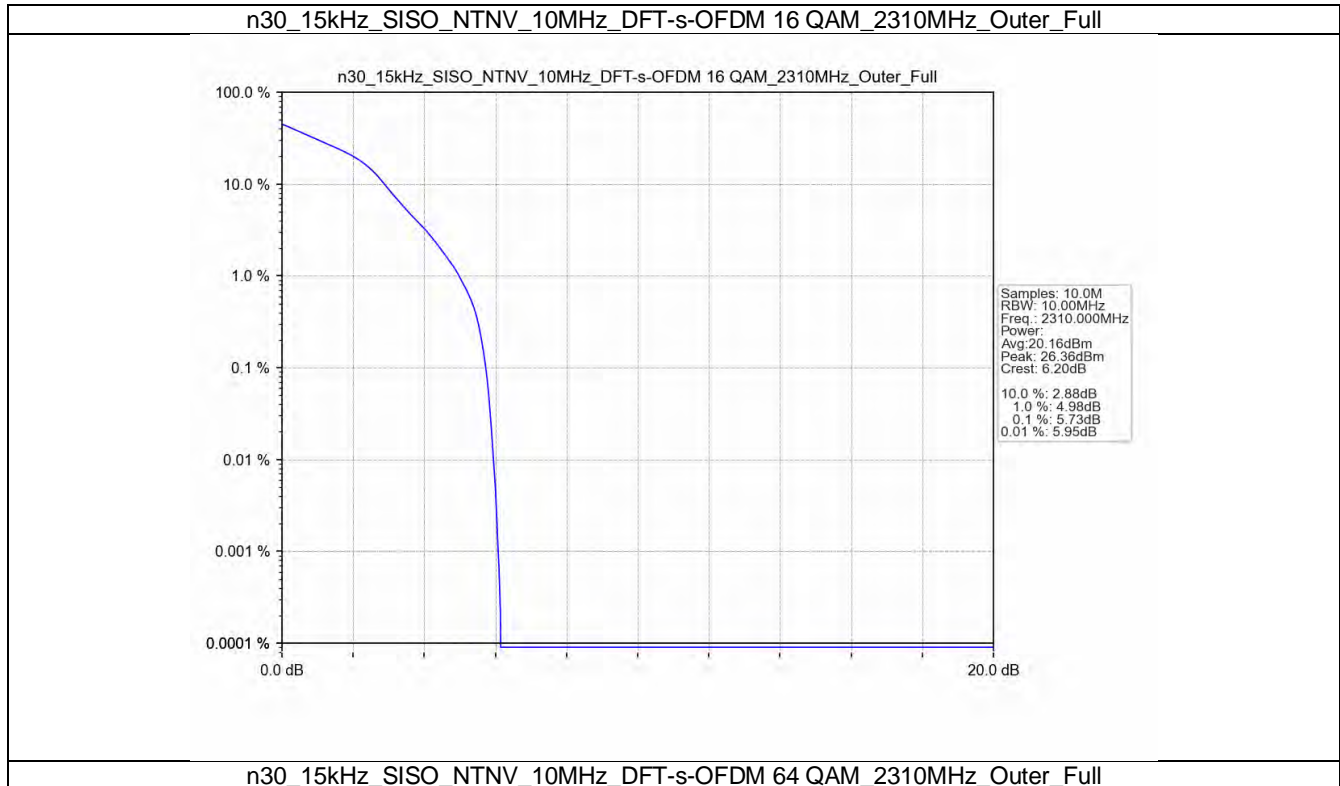
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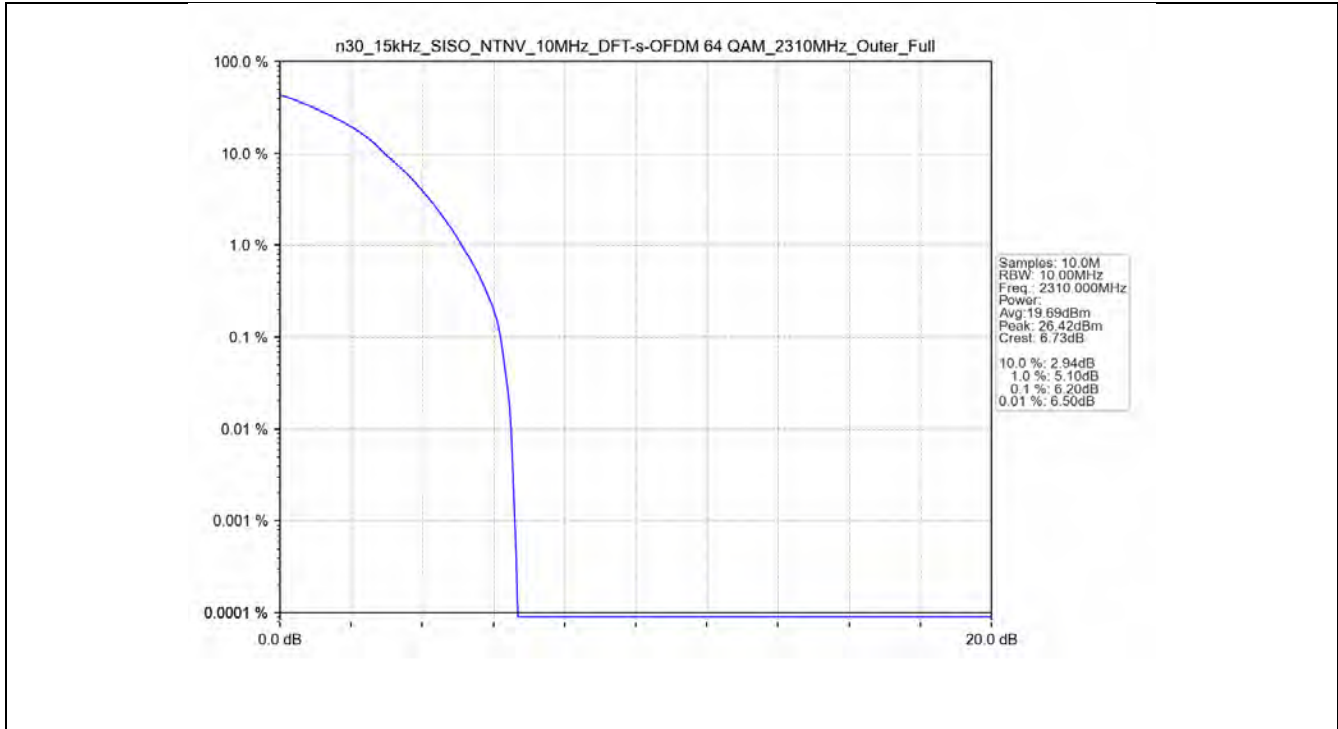


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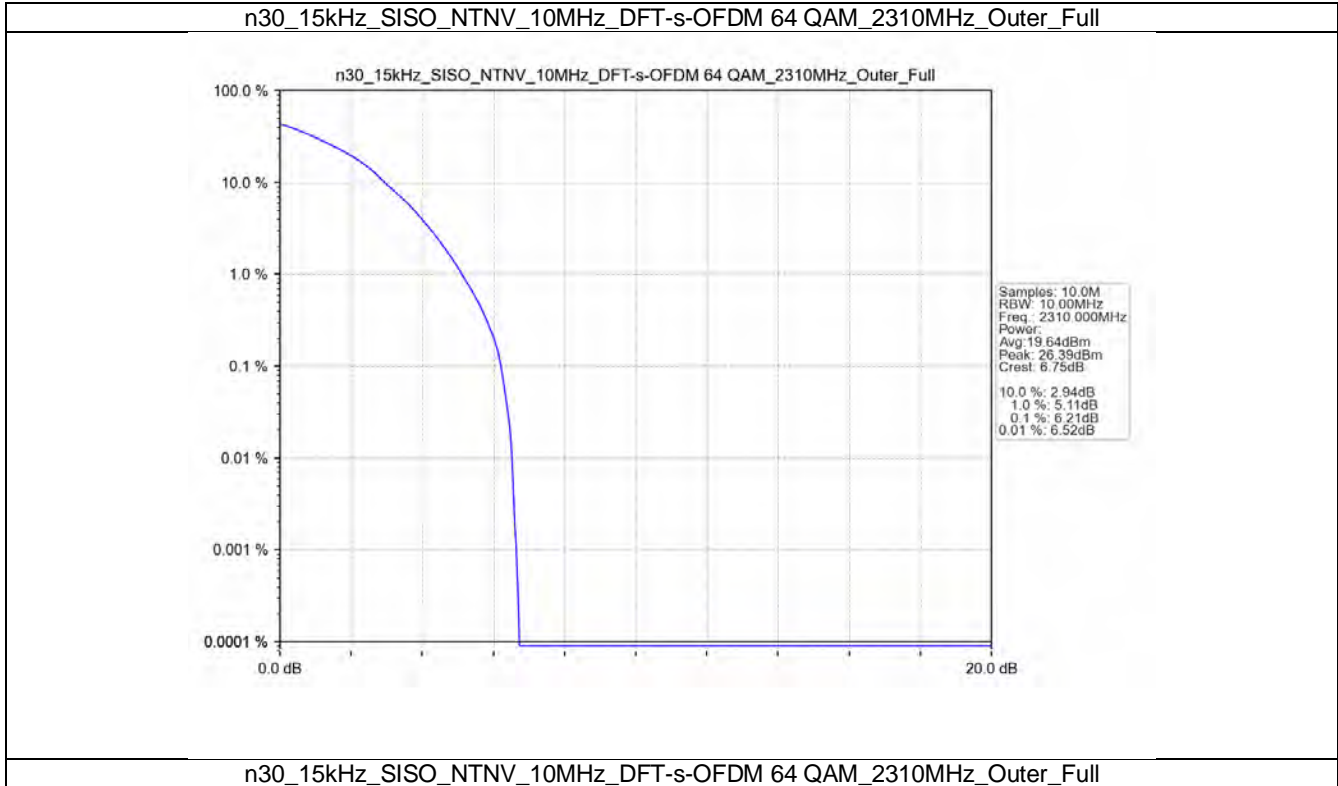


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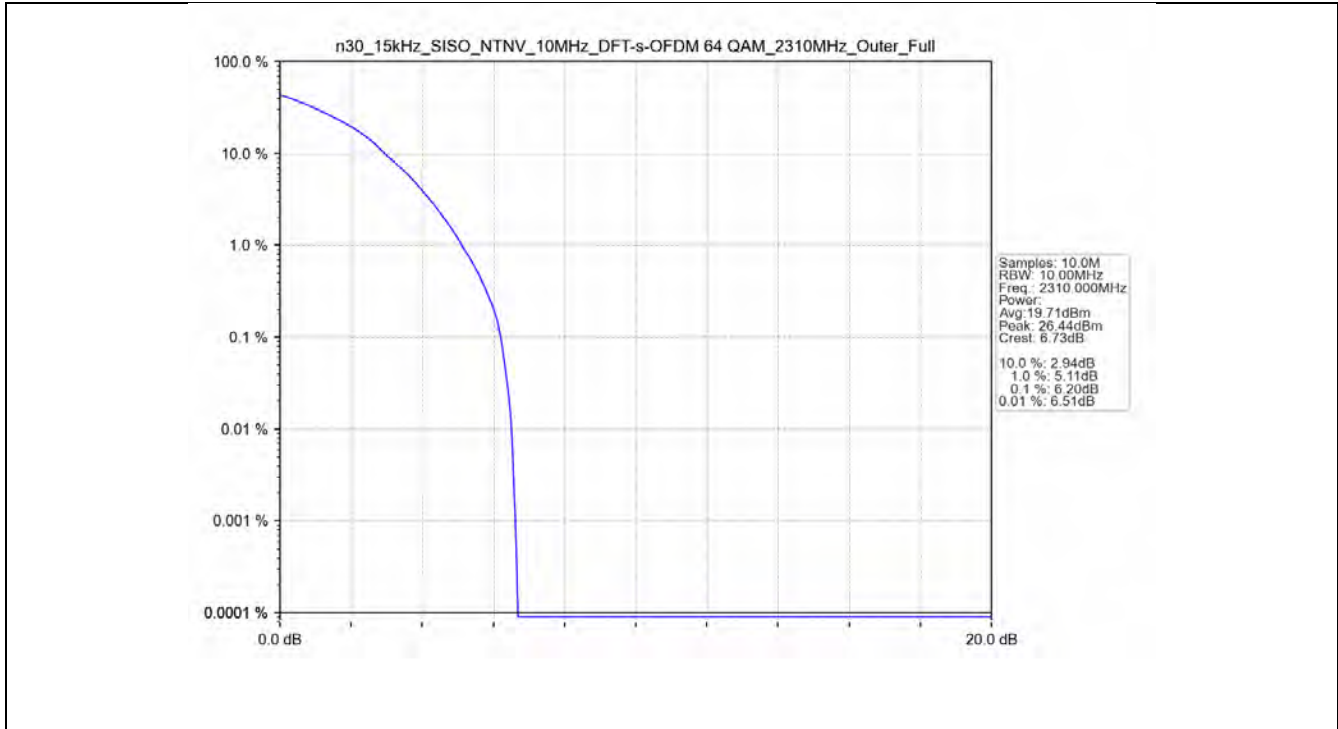


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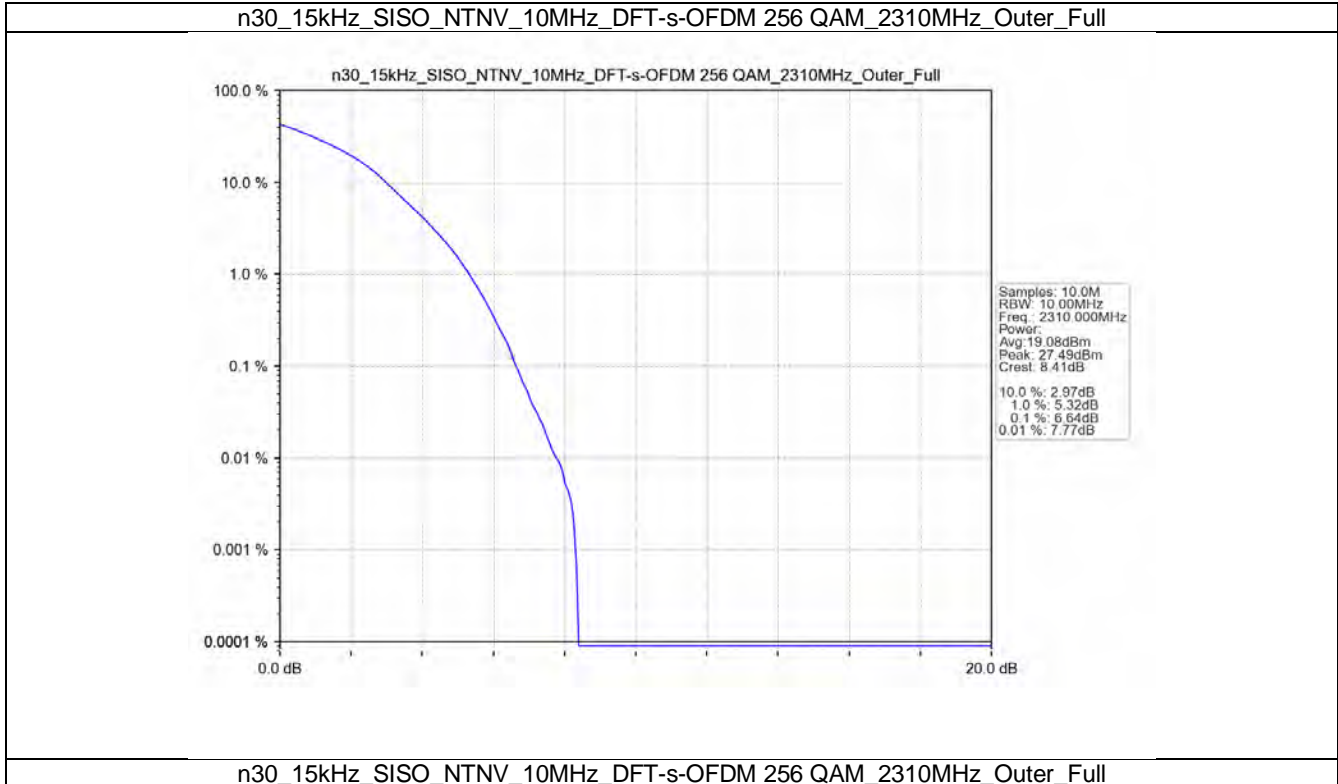


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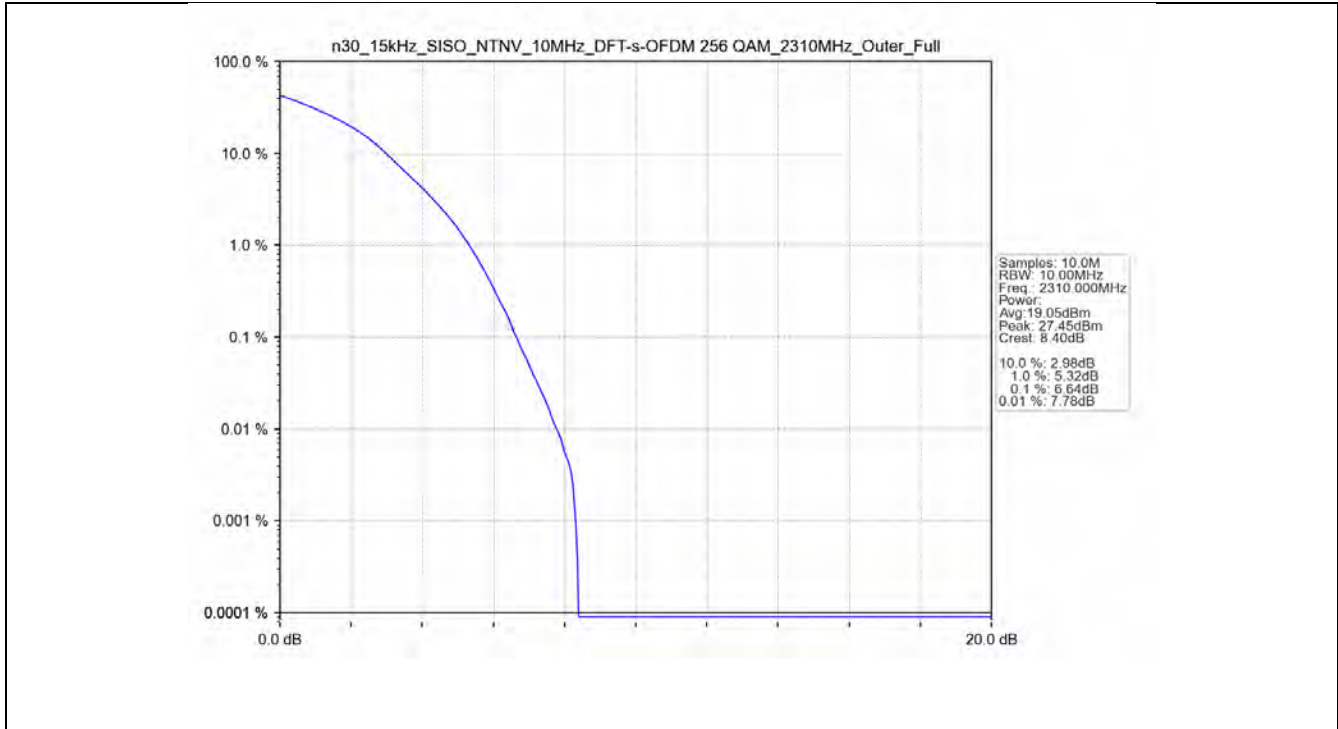


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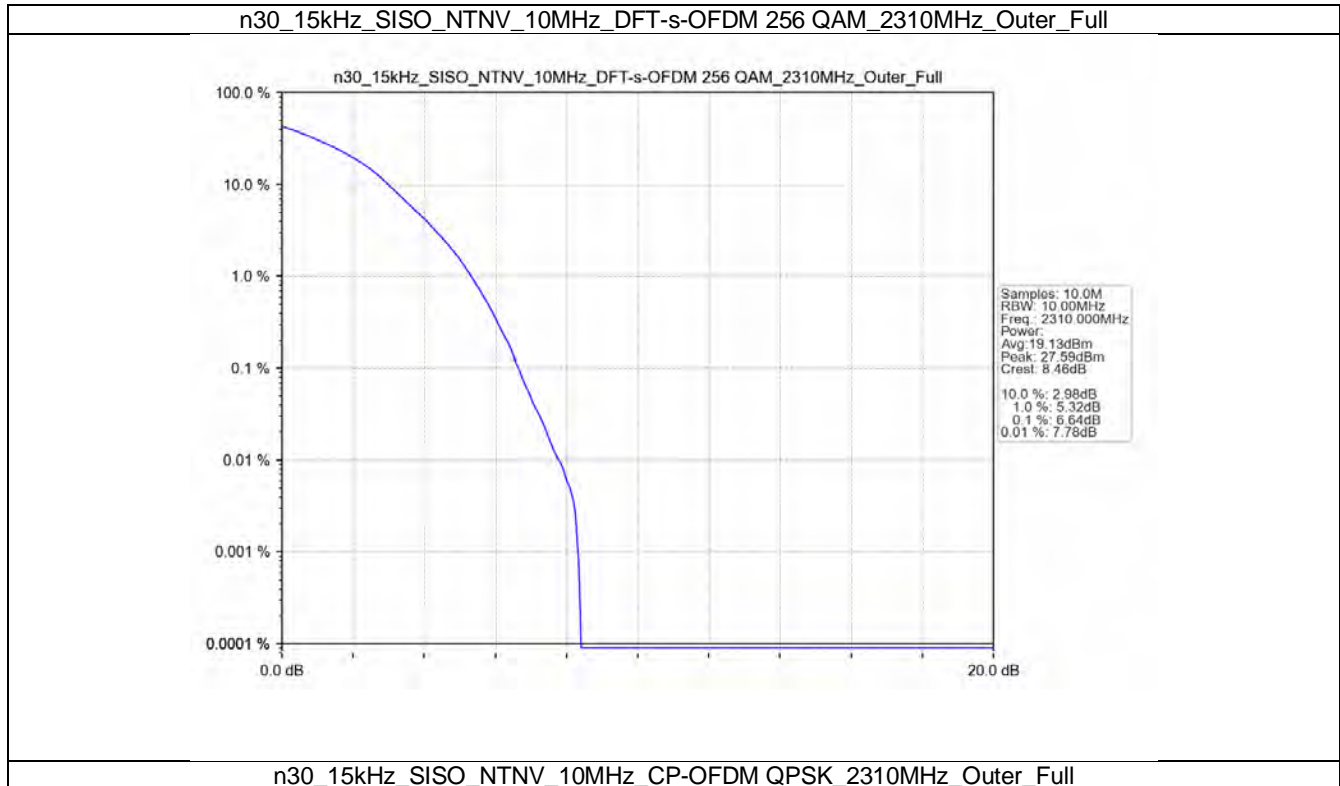


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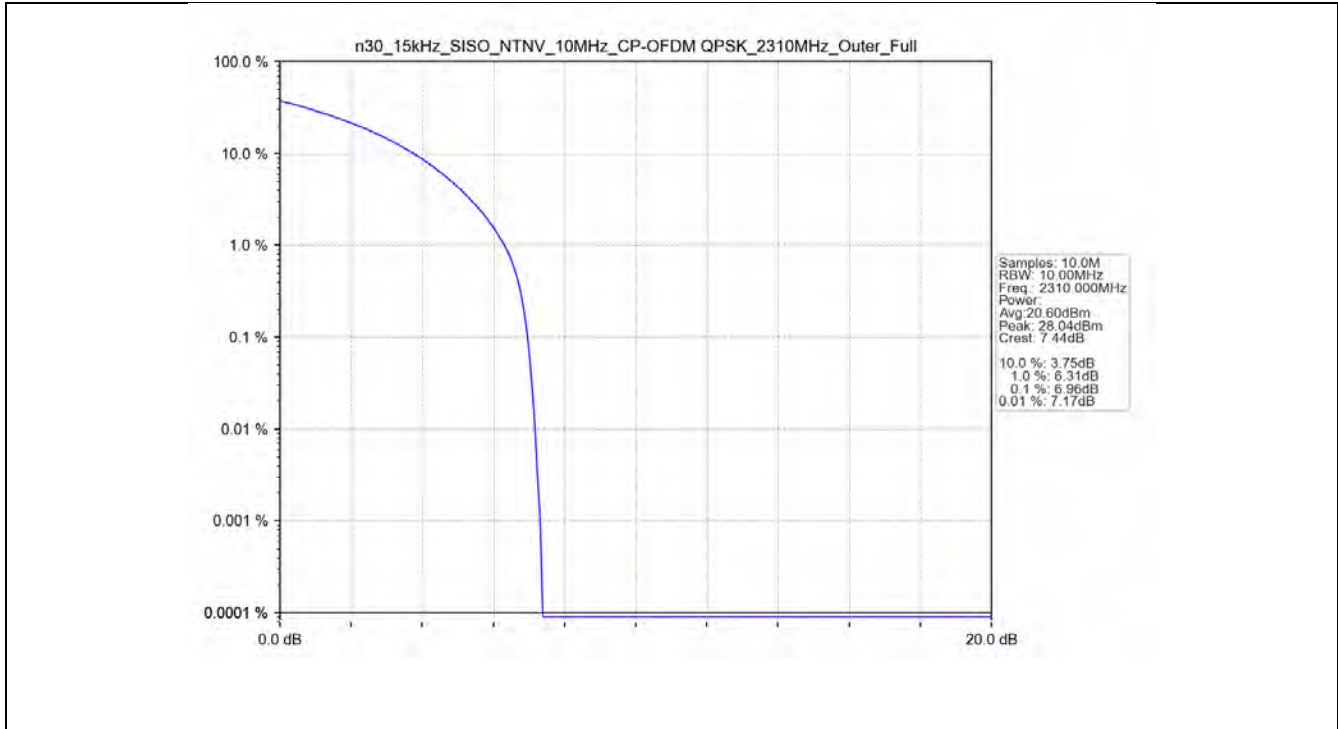


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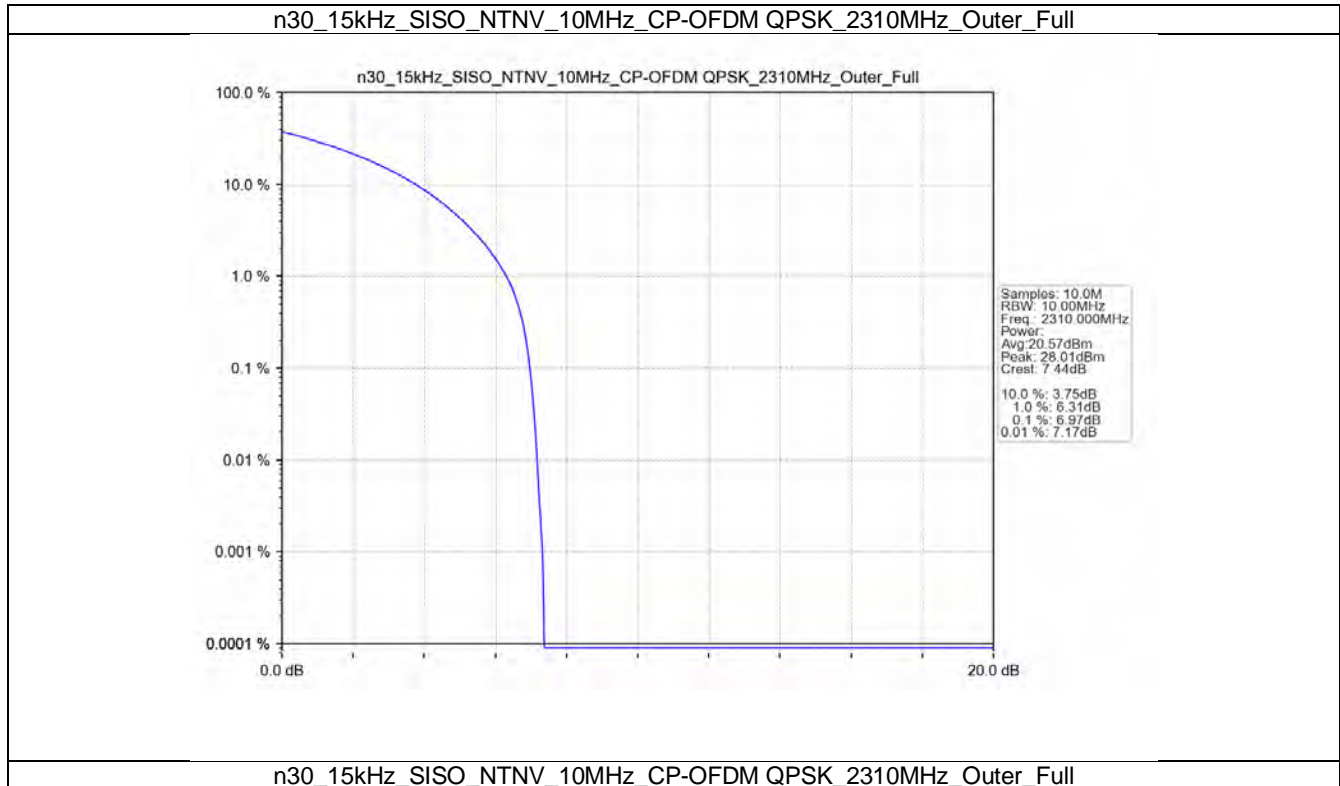


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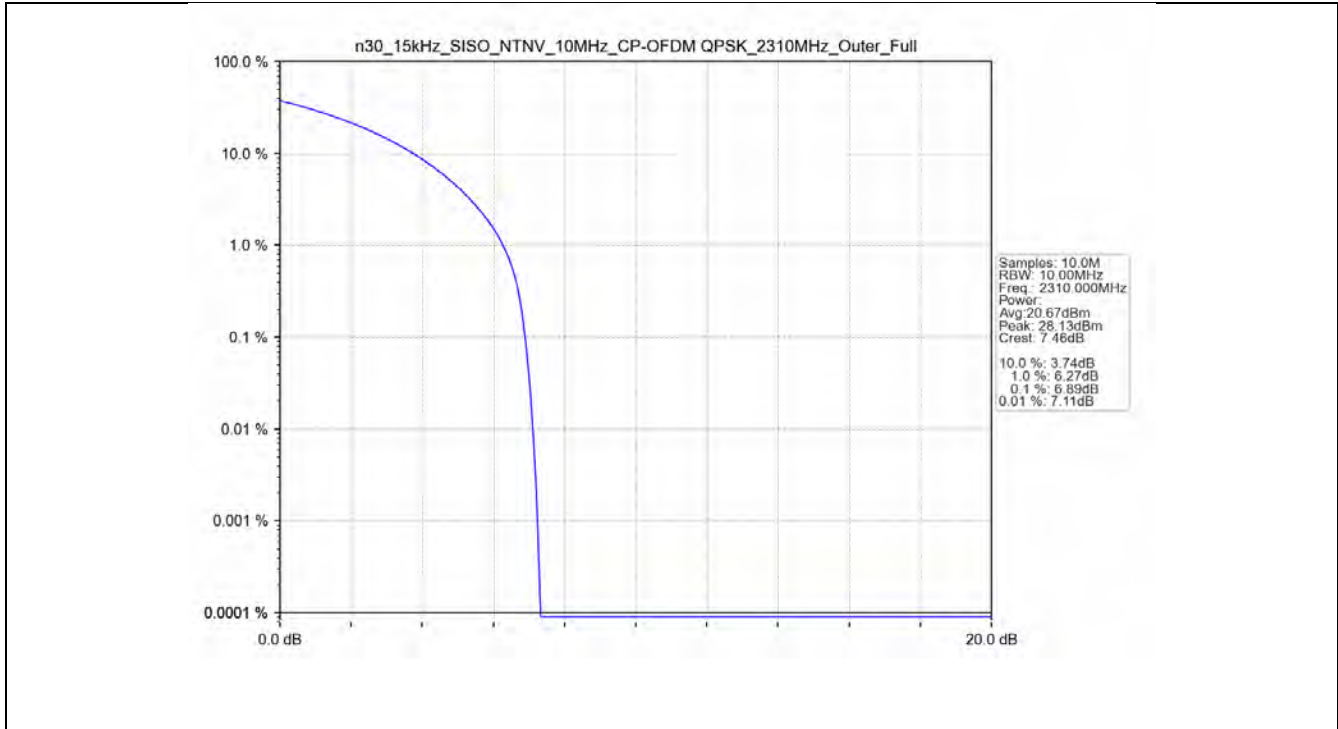
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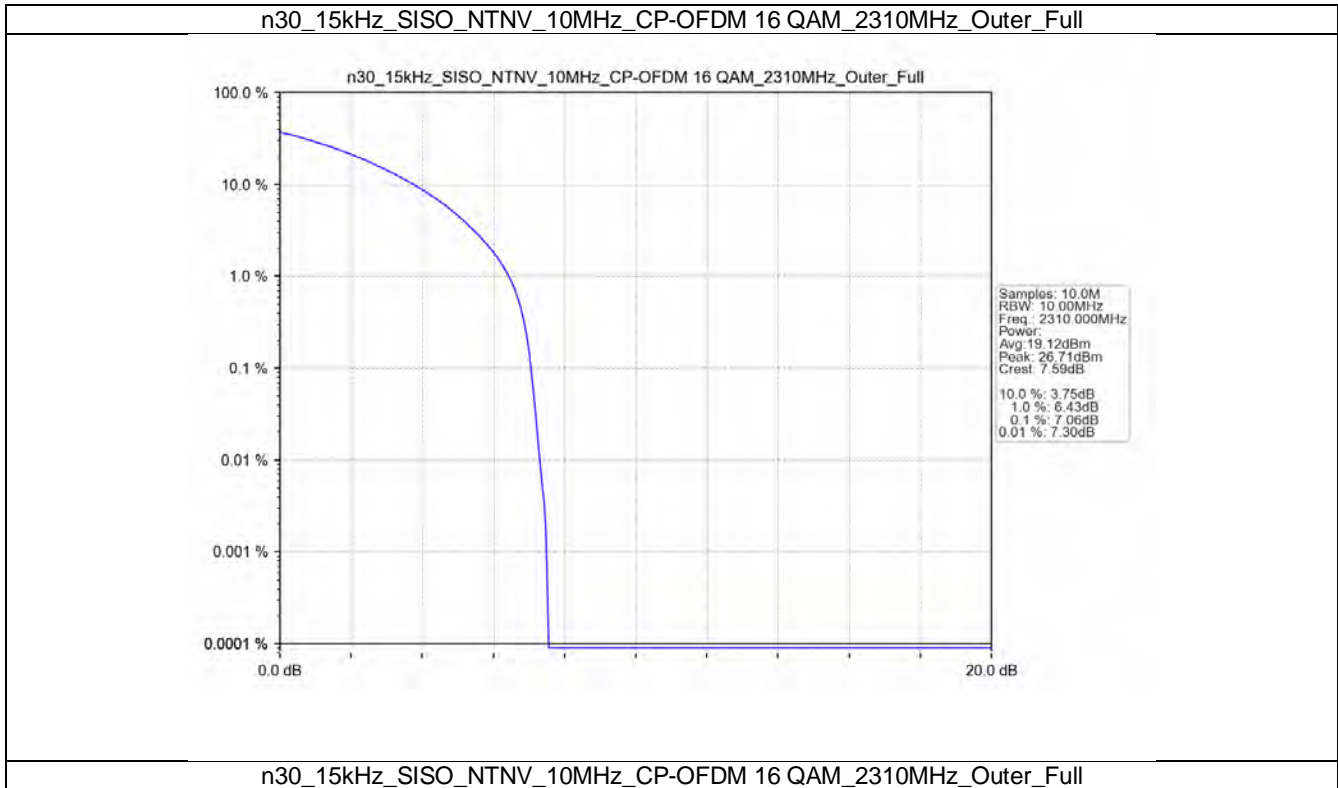


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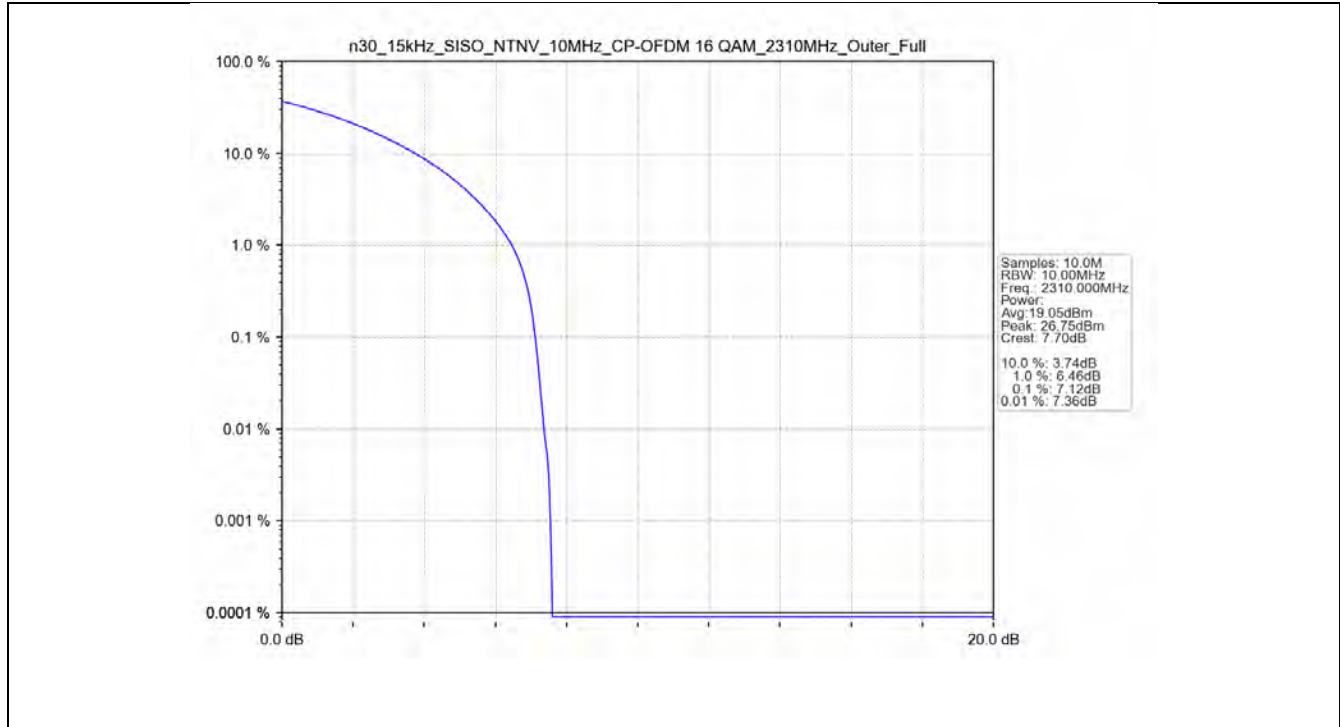


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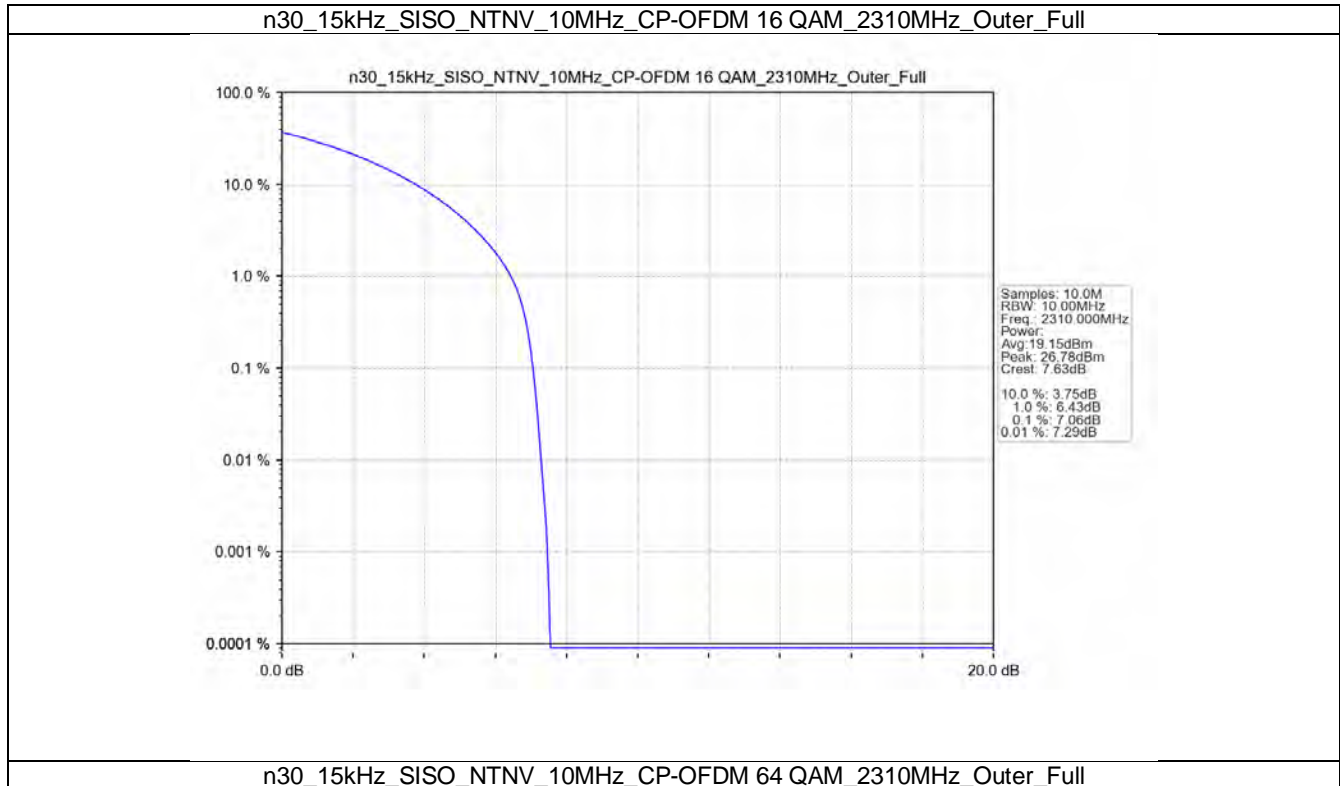


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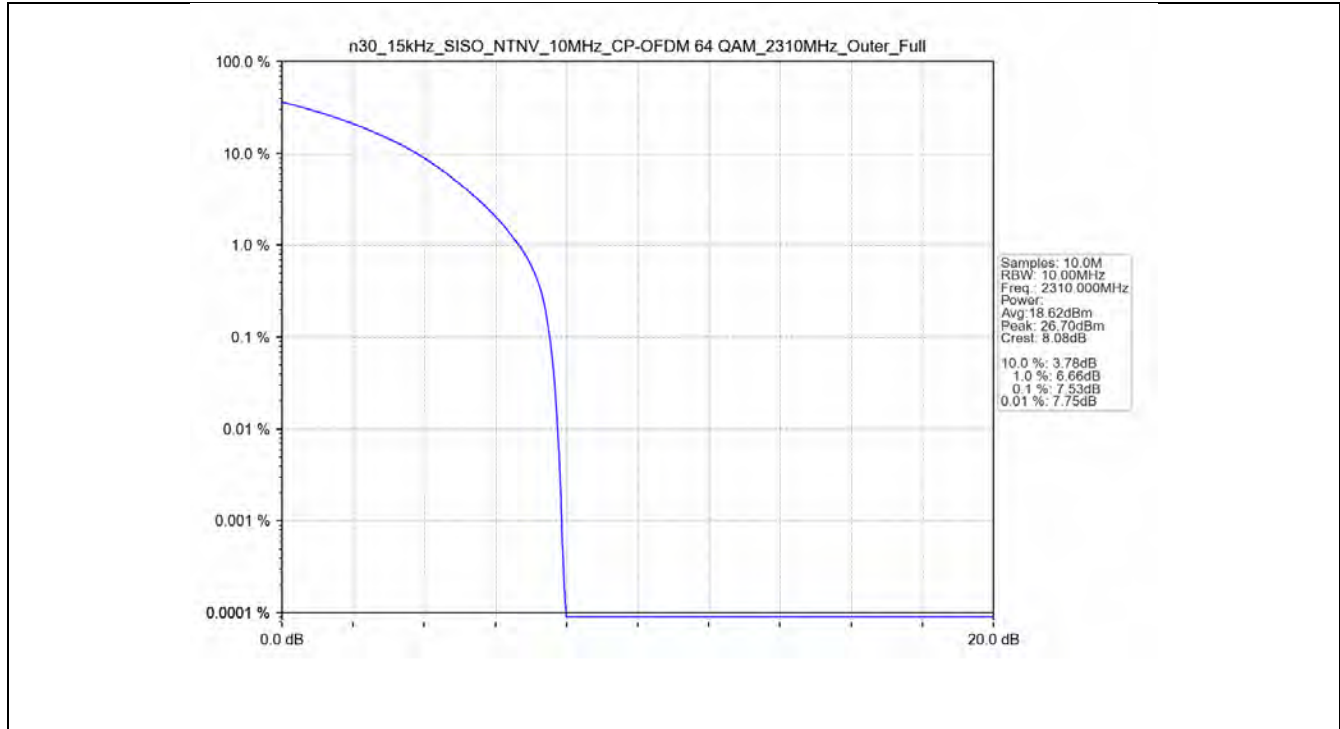


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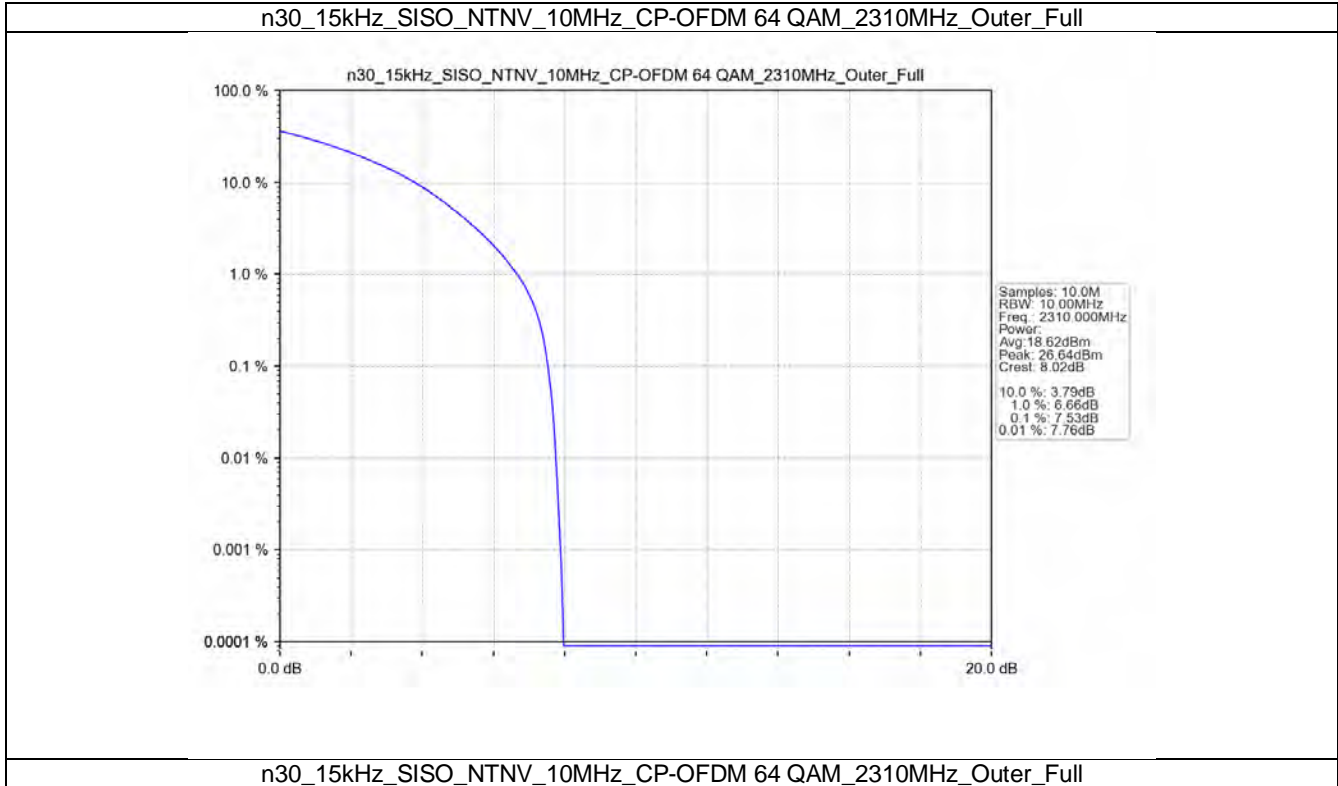


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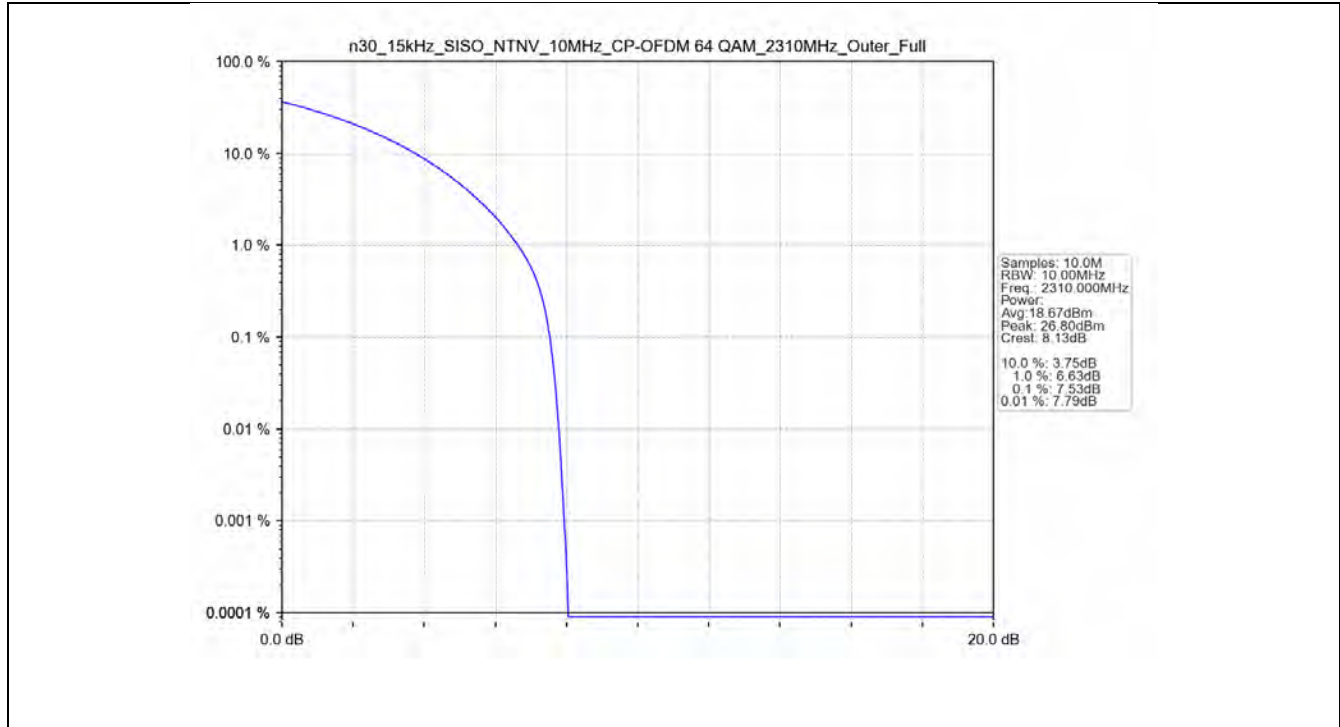


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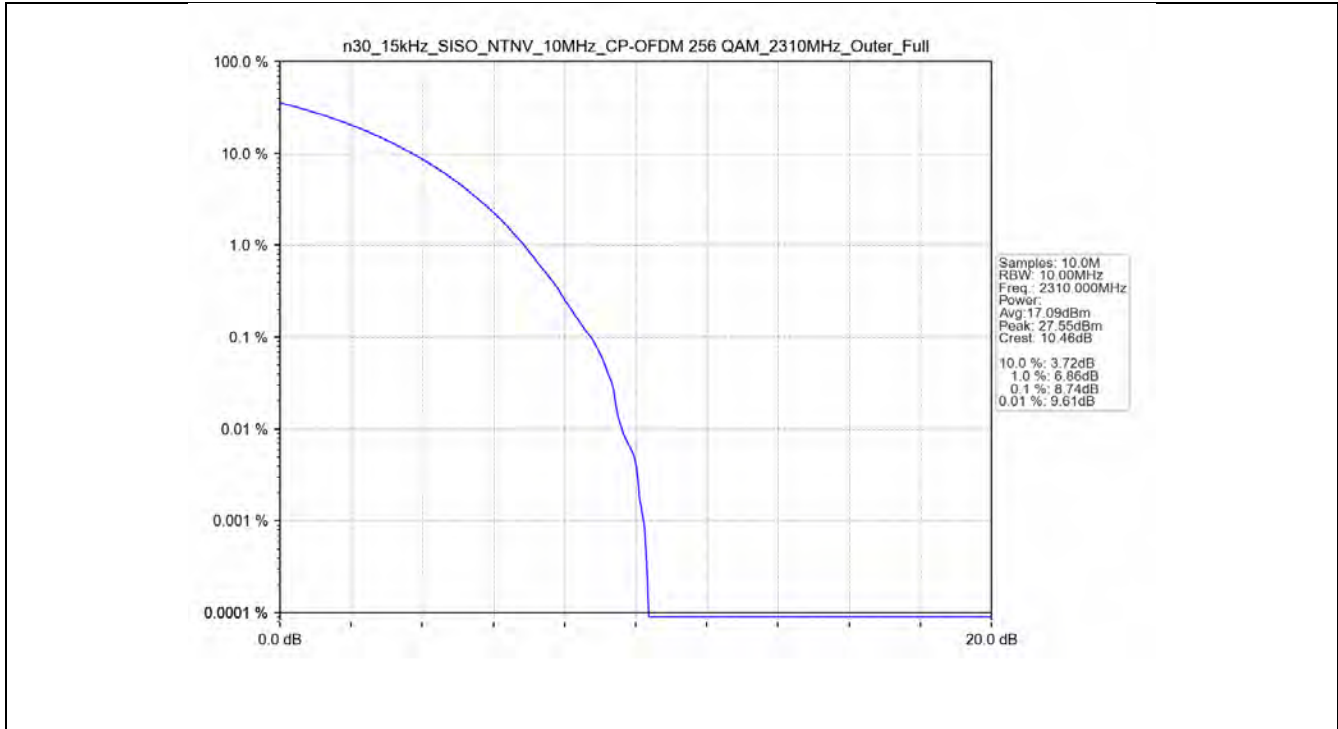


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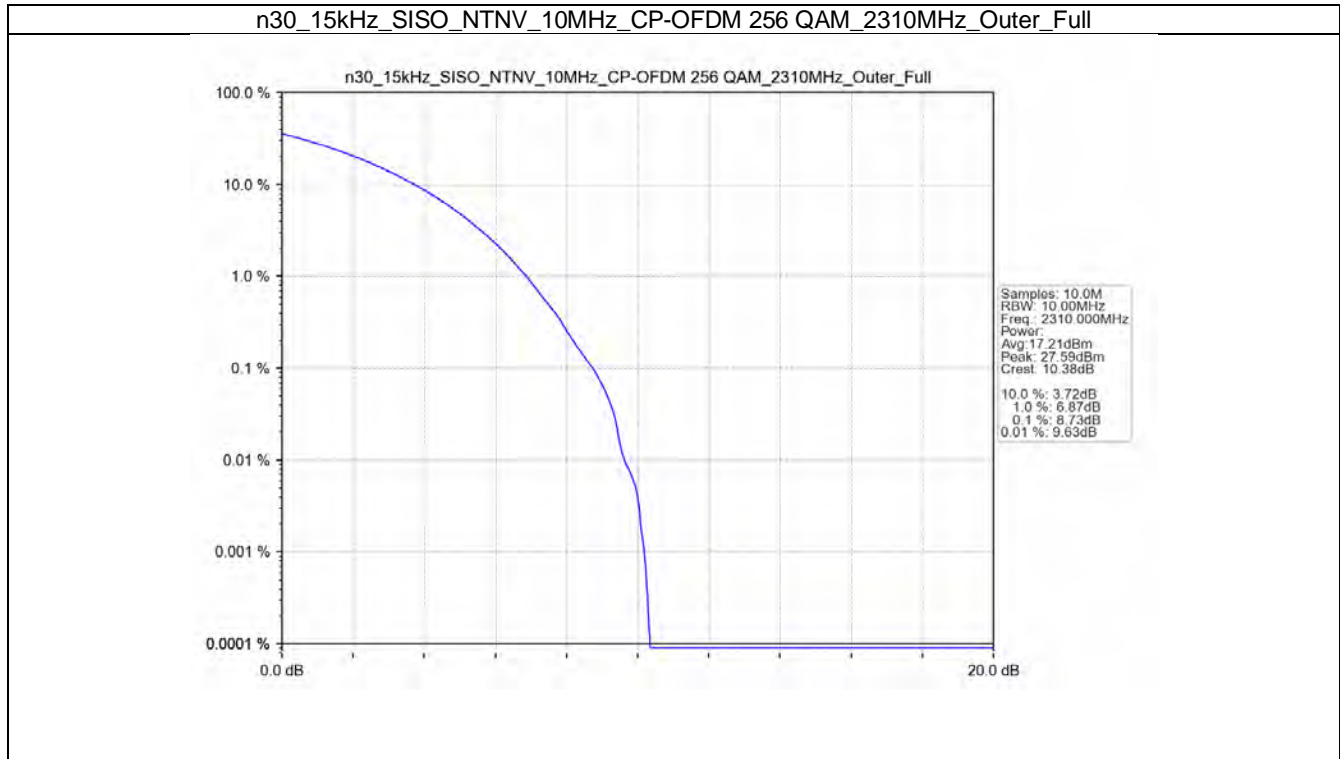


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## 5. Spurious Emission & Band Edges

### 5.1 15k\_SISO\_5MHz\_NTNV

#### 5.1.1 Test Result

5G NR n30 SCS=15kHz SISO 5MHz NTV							
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	
	2312.5	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
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	
	2312.5	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
CP-OFDM QPSK	2307.5	Inner_1RB_Right	Refer To Test Graph			Pass	
		Edge_1RB_Left	Refer To Test Graph			Pass	
		Outer_Full	Refer To Test Graph			Pass	
	2312.5	2310	Inner_1RB_Left	Refer To Test Graph			Pass
		2312.5	Edge_1RB_Left	Refer To Test Graph			Pass
			Edge_1RB_Right	Refer To Test Graph			Pass
2312.5	2312.5	Outer_Full	Refer To Test Graph			Pass	
		Inner_1RB_Right	Refer To Test Graph			Pass	



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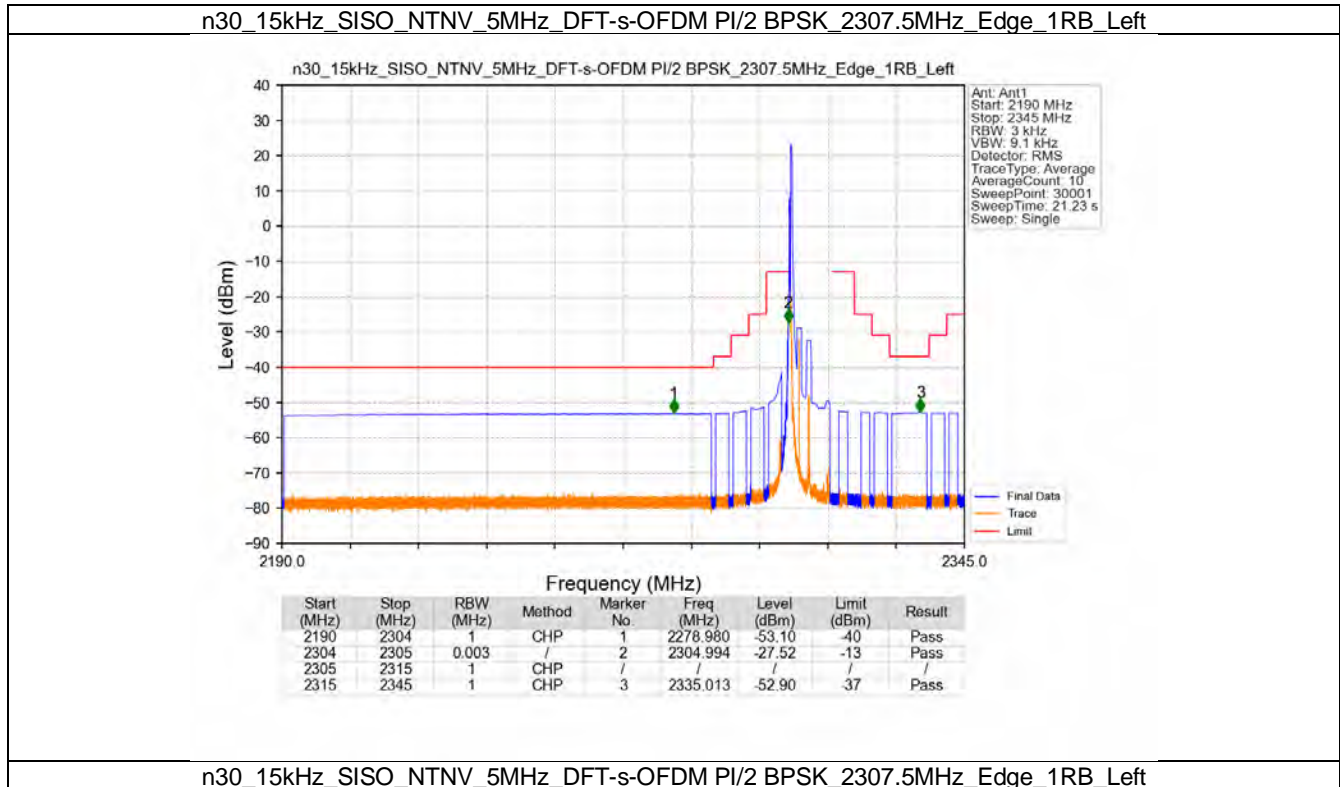
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5.1.2 Test Graph



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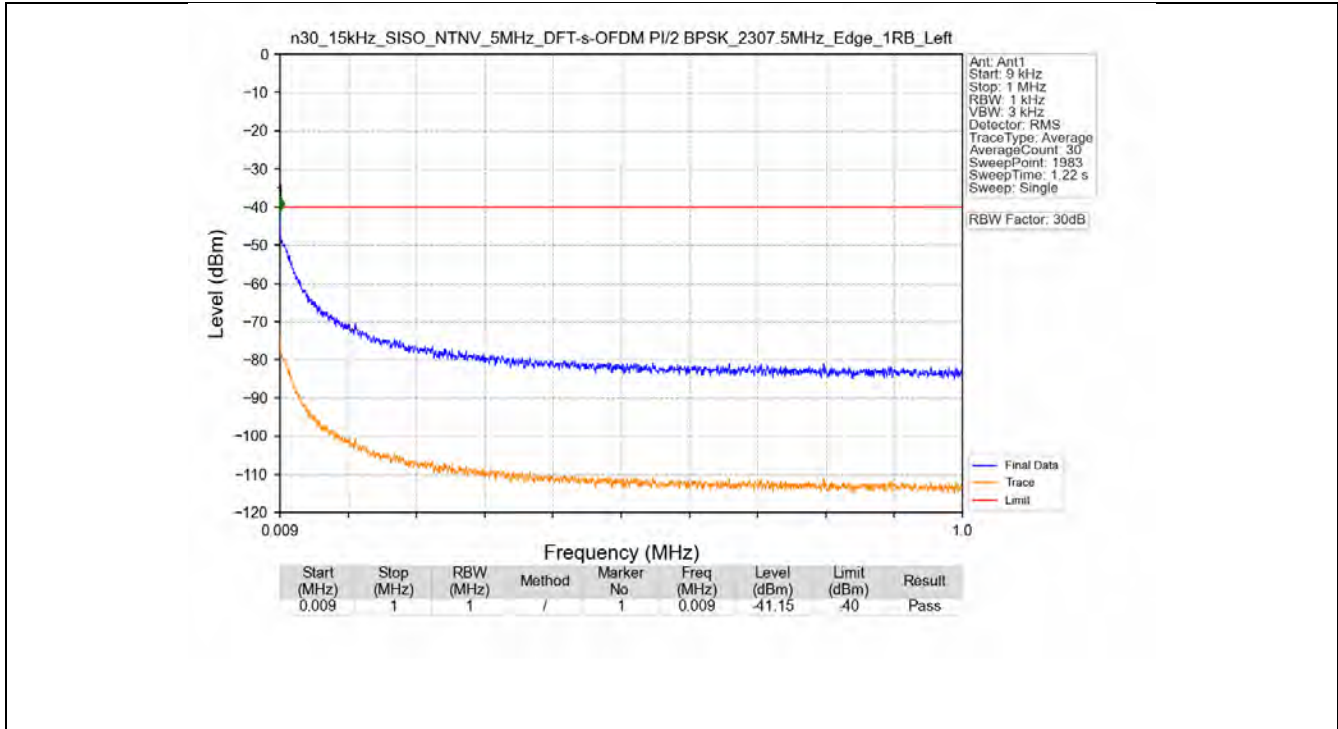


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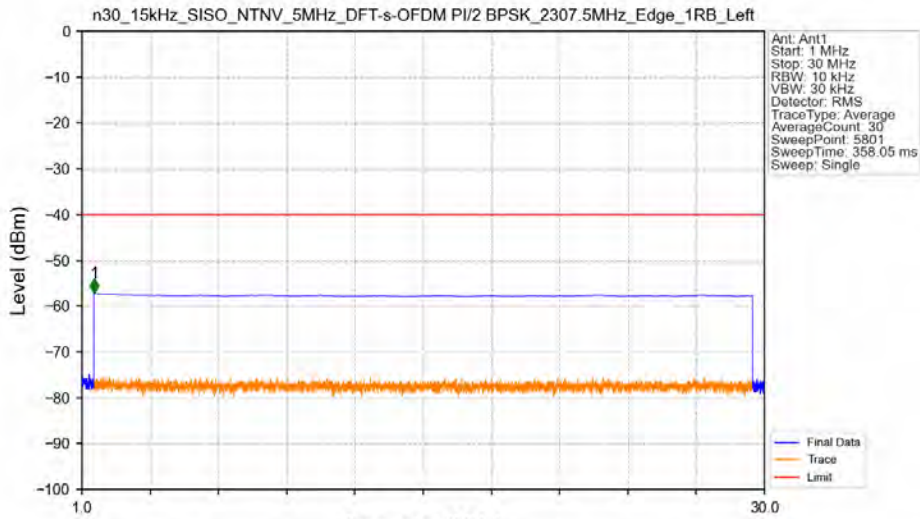
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n30\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_2307.5MHz\_Edge\_1RB\_Left



n30\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_2307.5MHz\_Edge\_1RB\_Left



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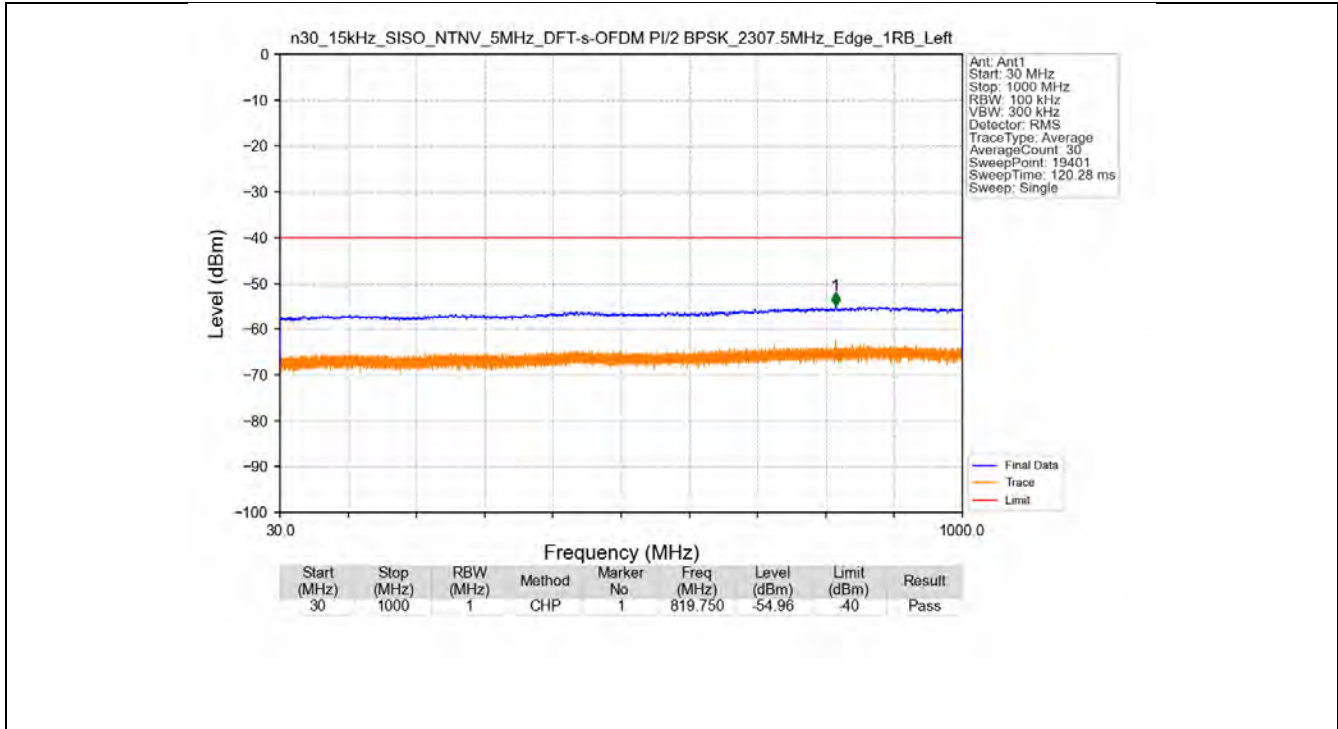


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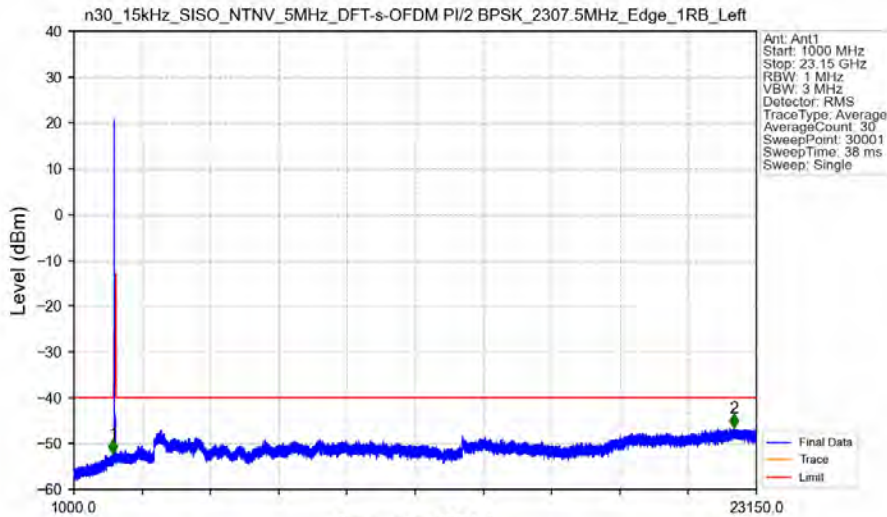
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n30\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_2307.5MHz\_Edge\_1RB\_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2300	1	/	1	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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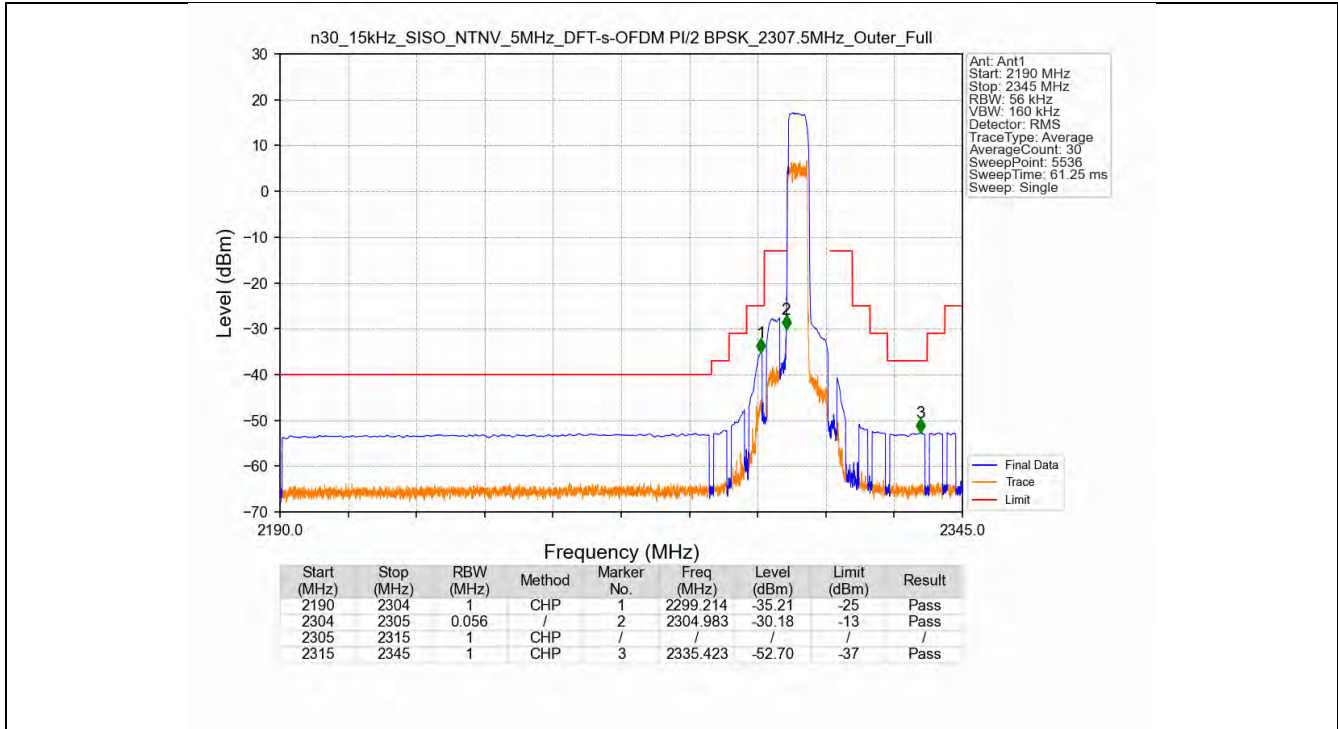


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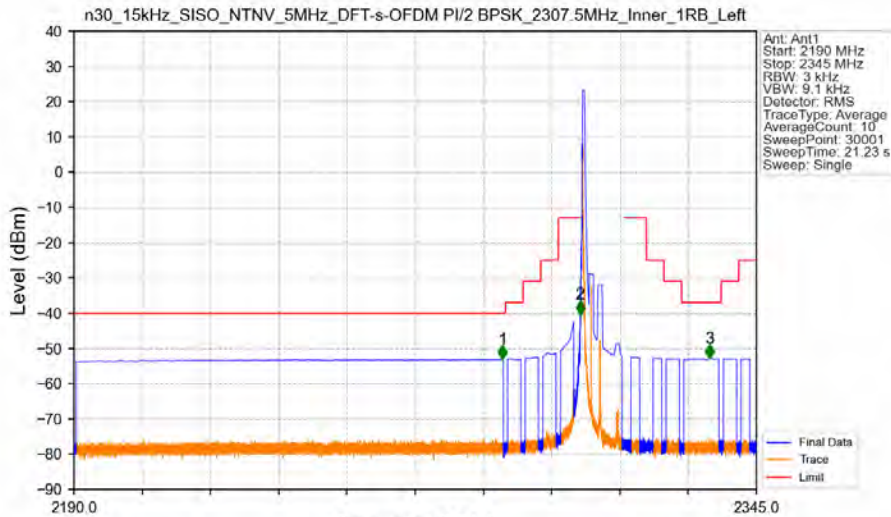
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n30\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_2307.5MHz\_Inner\_1RB\_Left



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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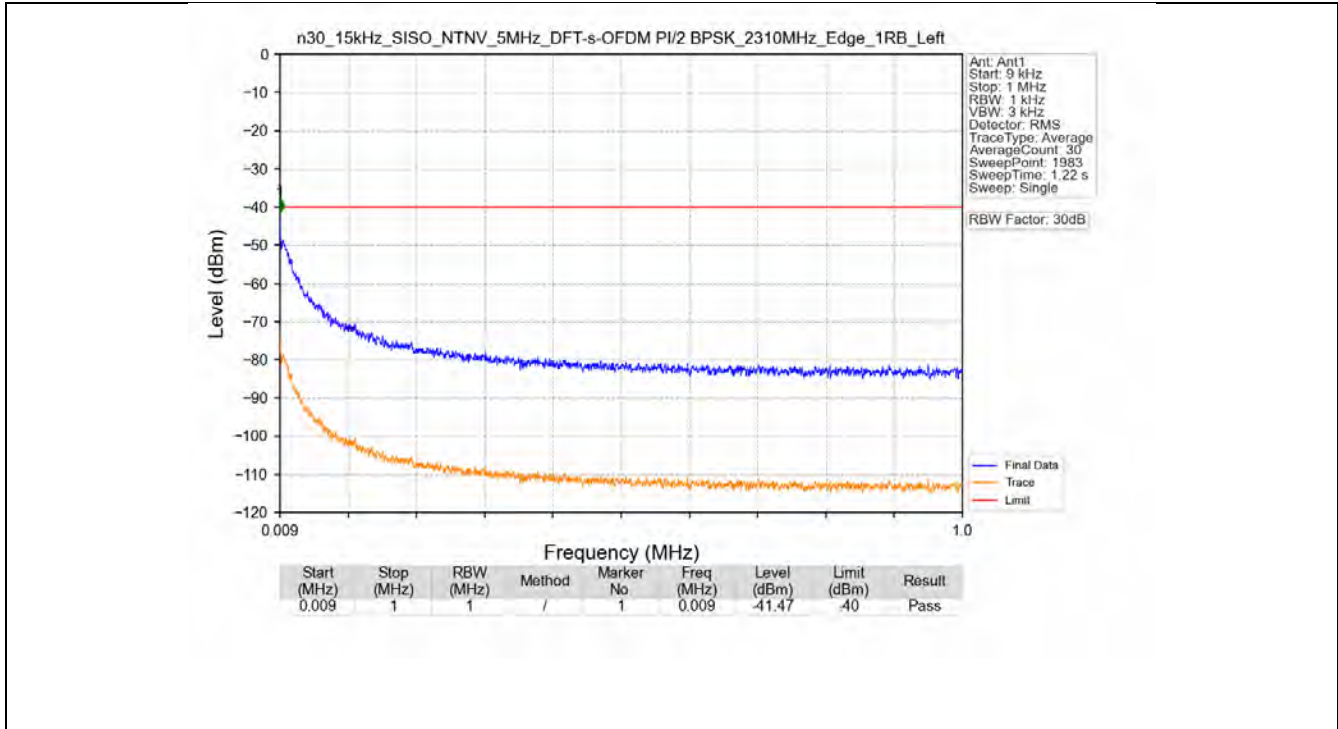


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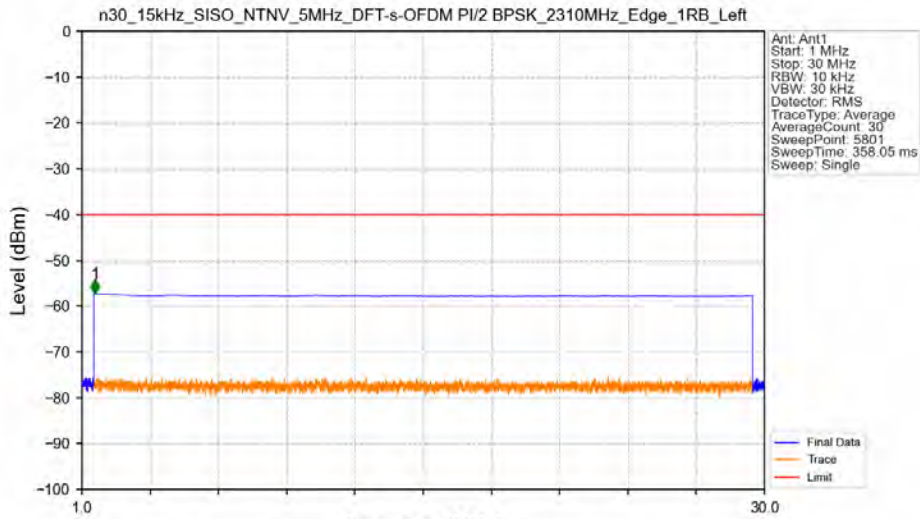
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.565	-57.27	-40	Pass

n30\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_2310MHz\_Edge\_1RB\_Left



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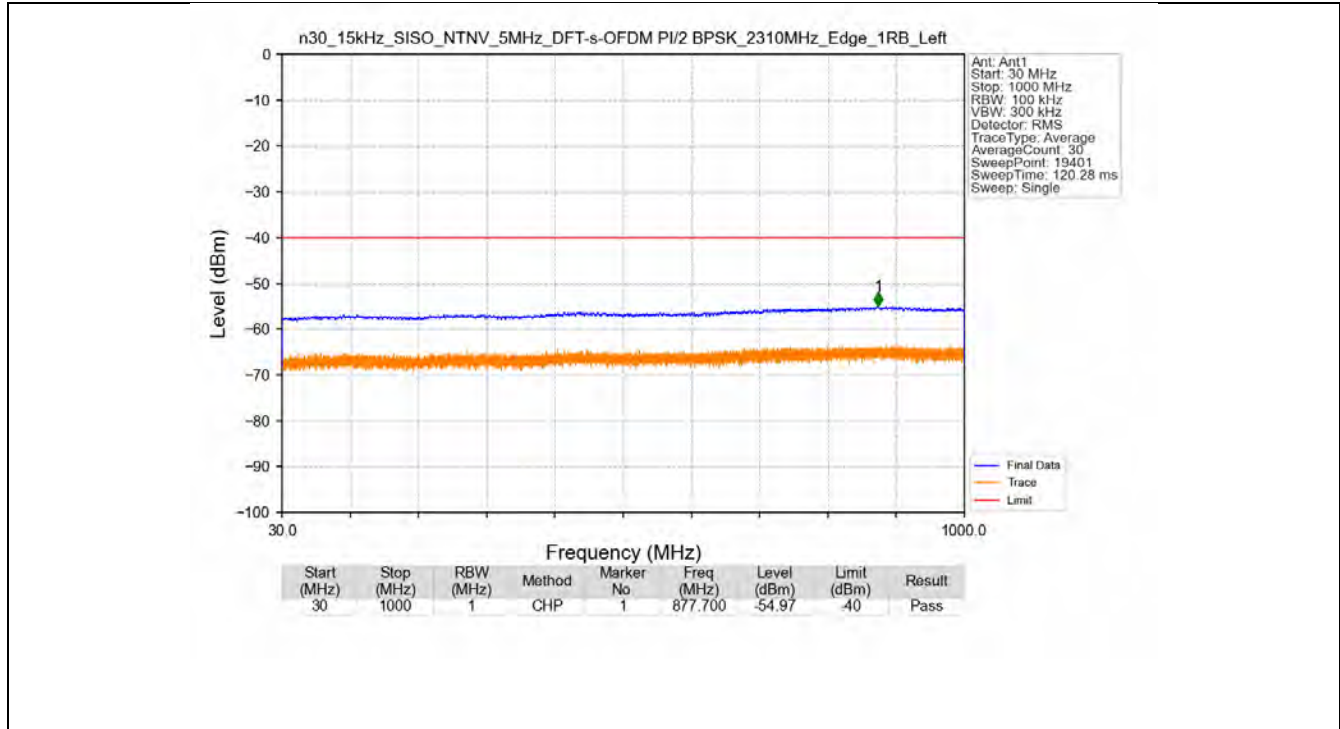


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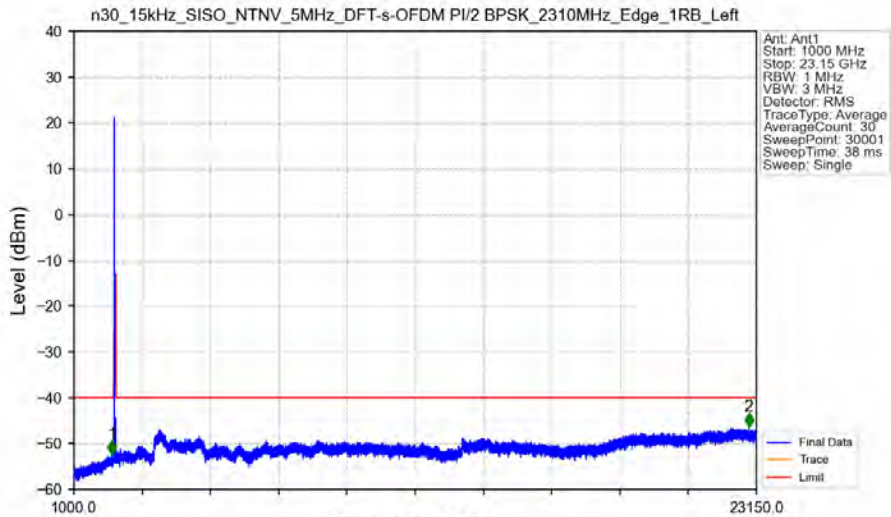
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n30\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_2310MHz\_Edge\_1RB\_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
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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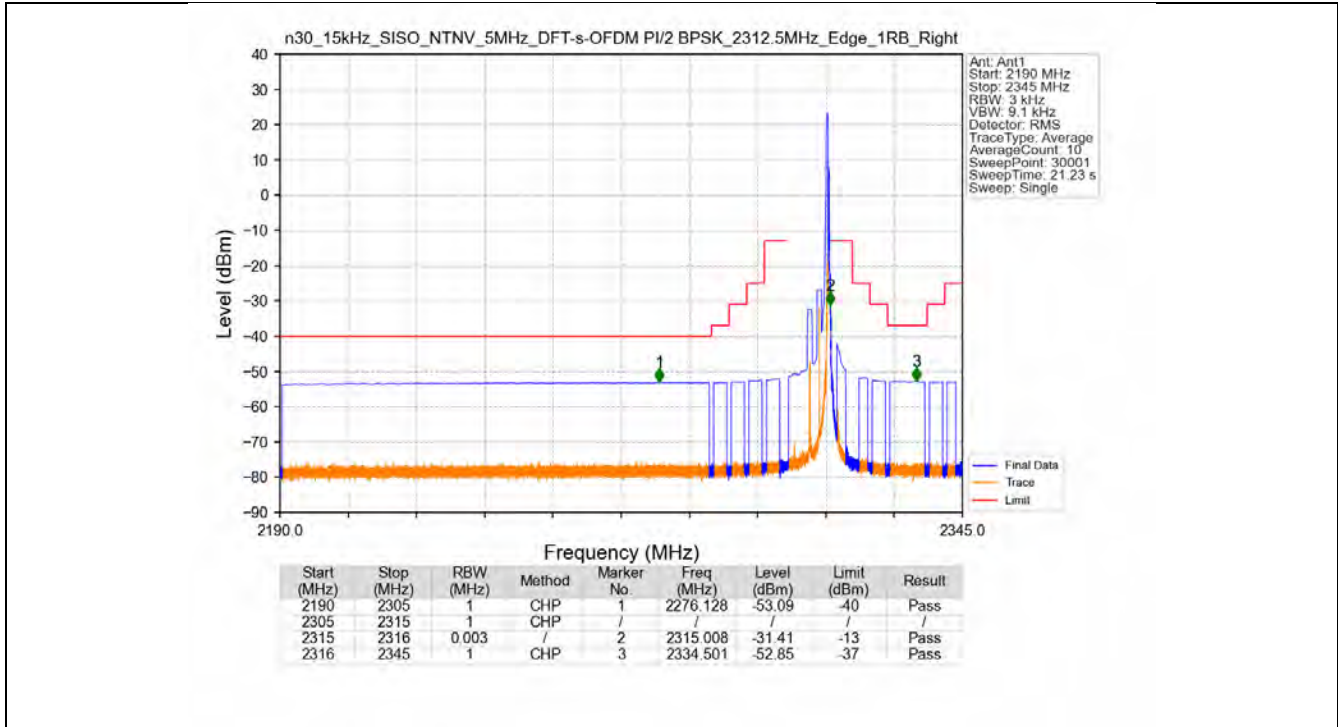


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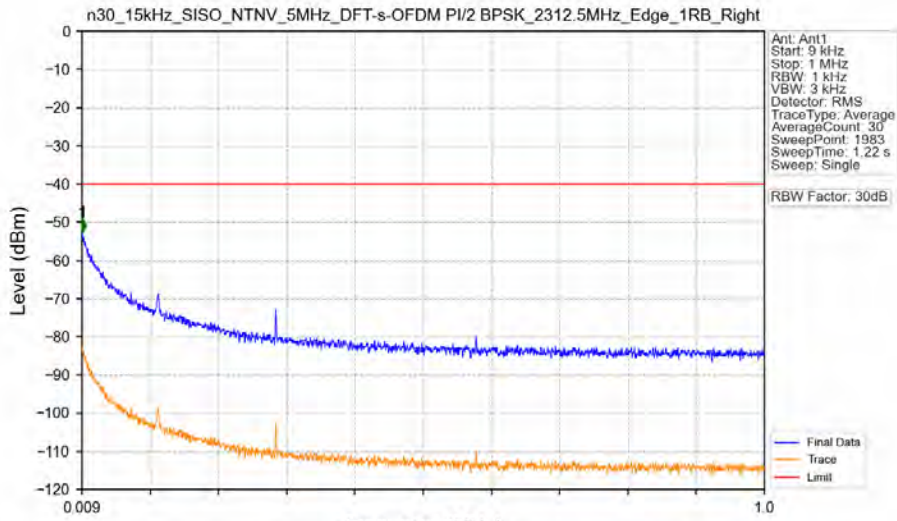
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n30\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_2312.5MHz\_Edge\_1RB\_Right



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

n30\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_2312.5MHz\_Edge\_1RB\_Right



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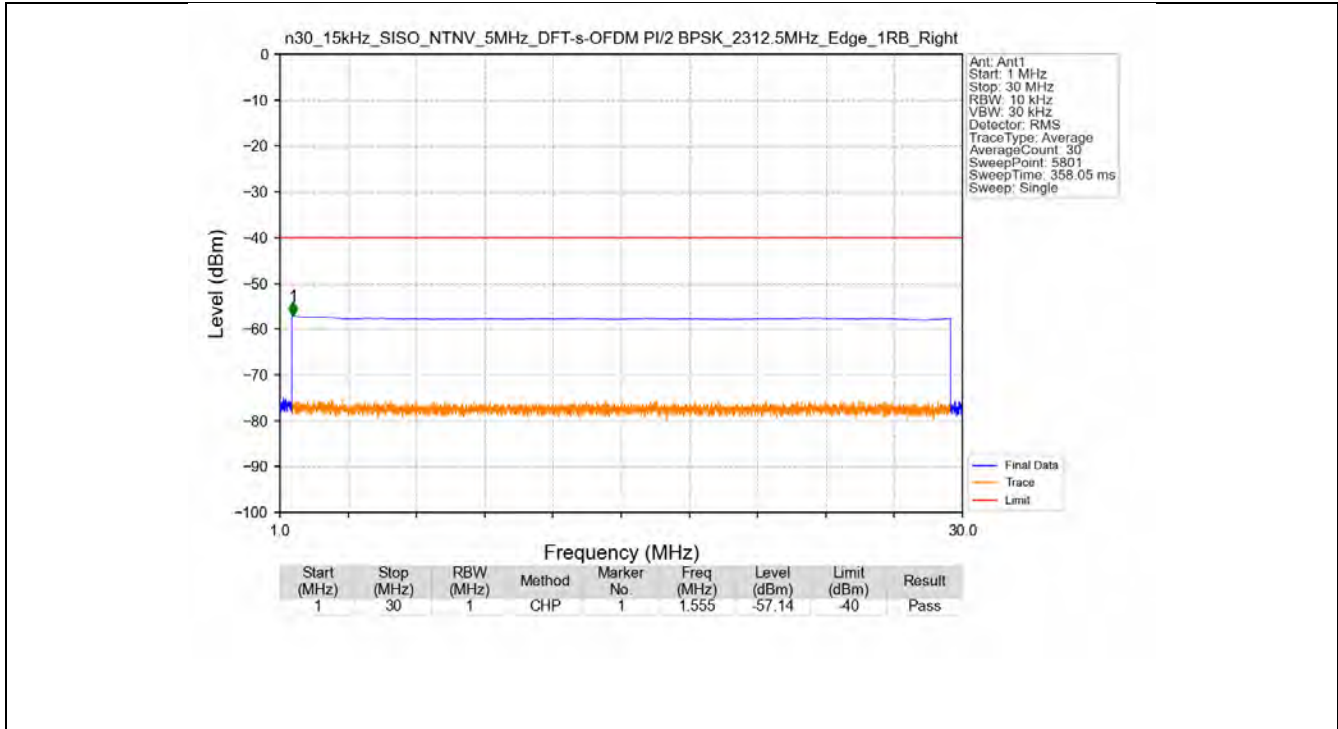


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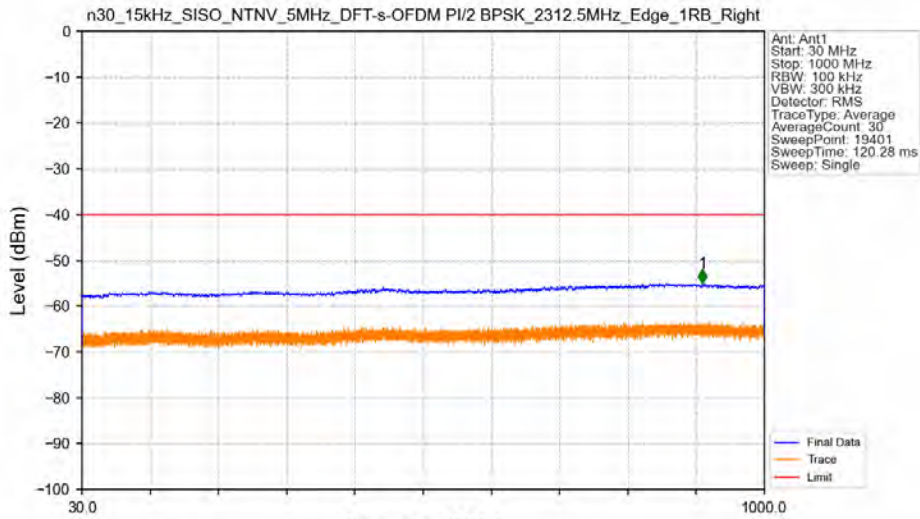
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n30\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_2312.5MHz\_Edge\_1RB\_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	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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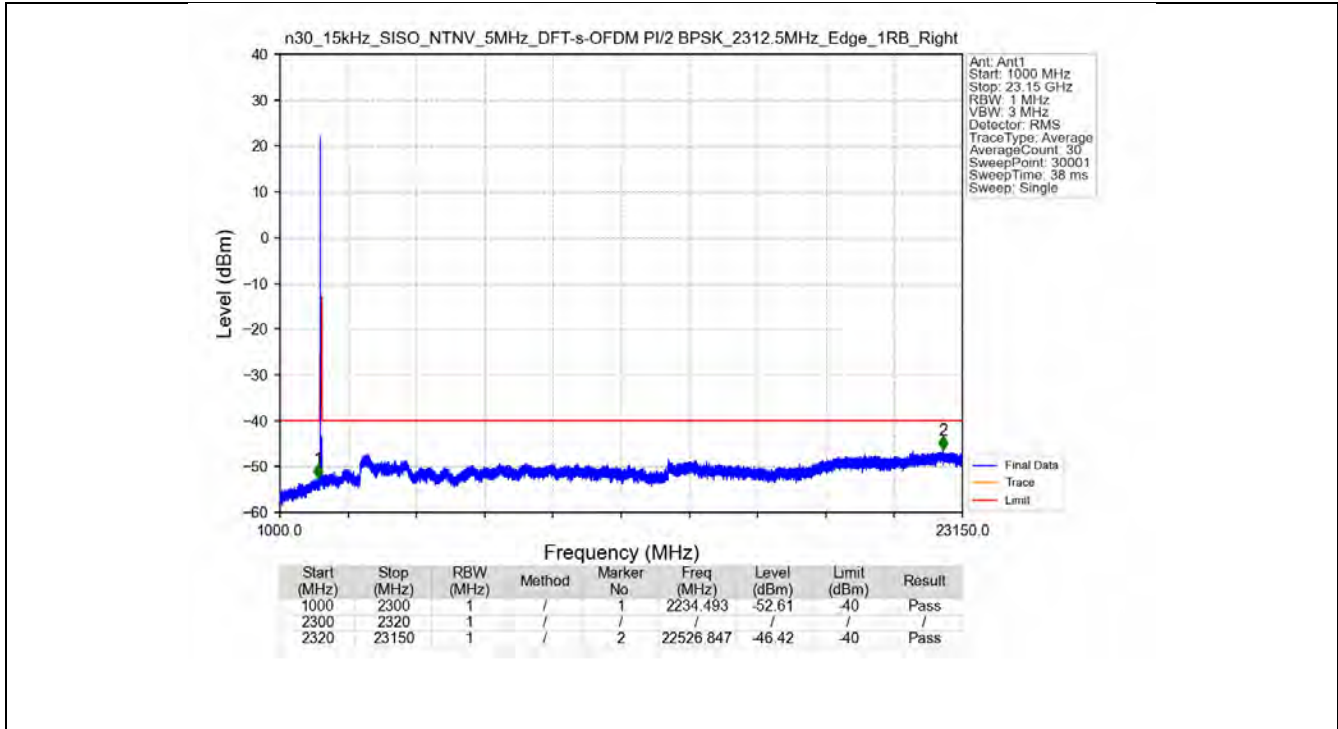


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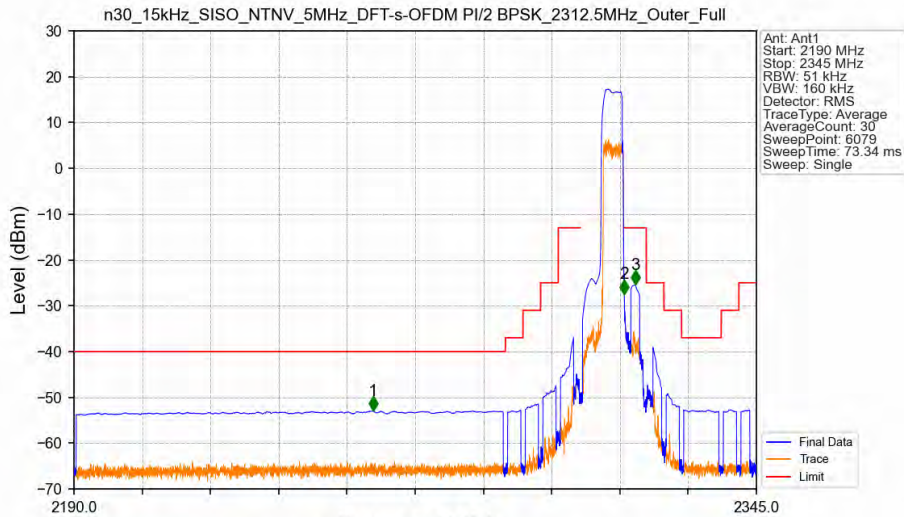
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n30\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM PI/2 BPSK\_2312.5MHz\_Outer\_Full



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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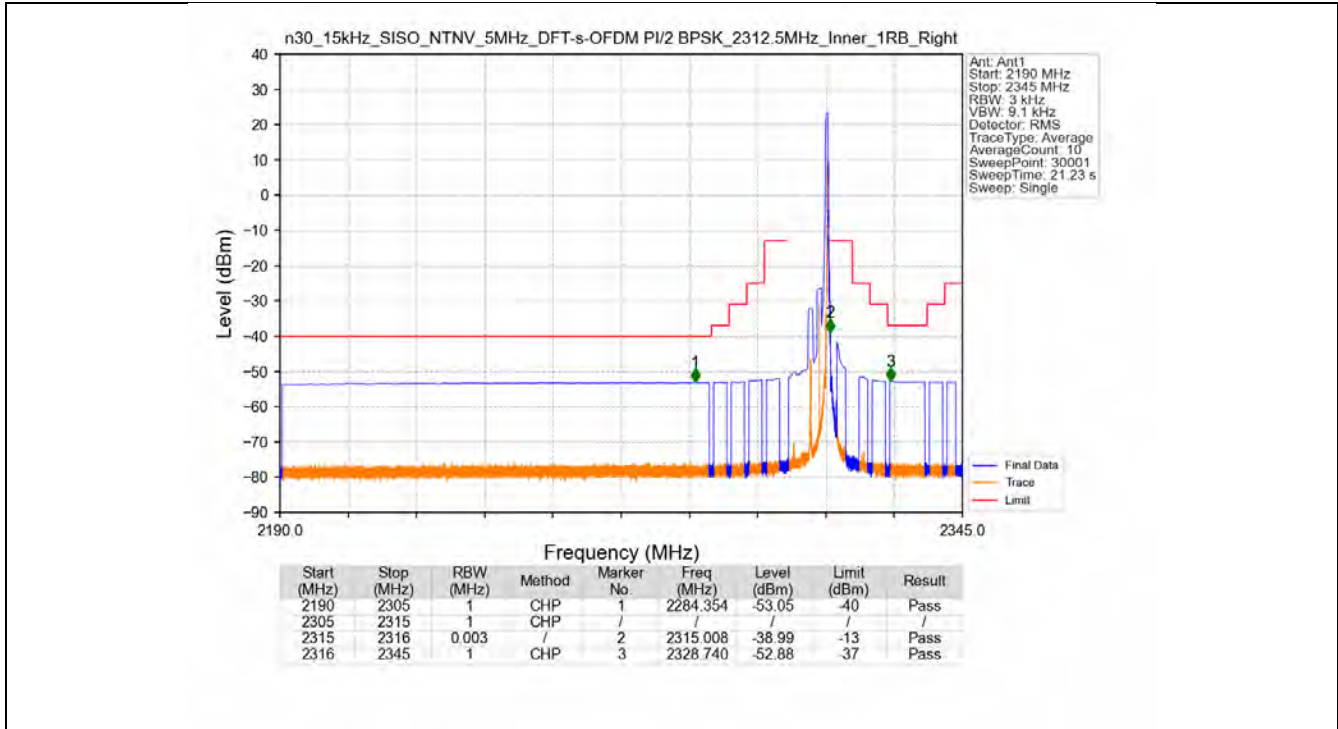


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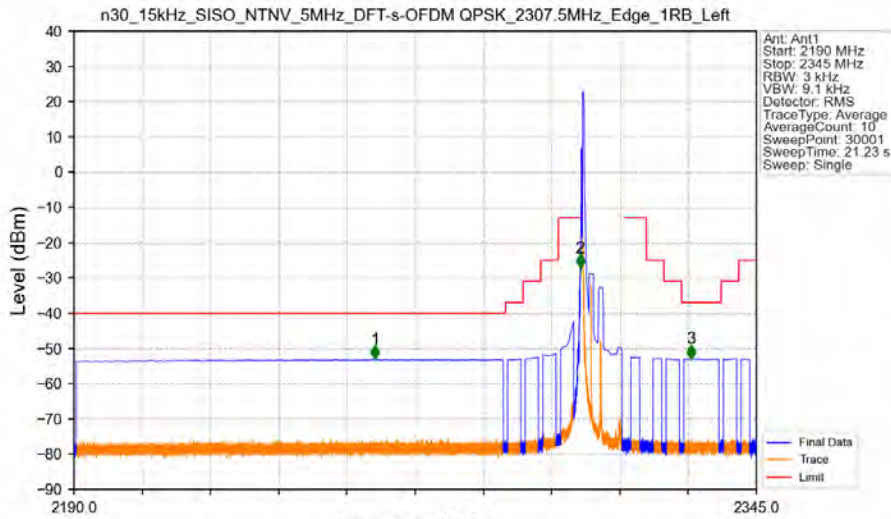
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n30\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_2307.5MHz\_Edge\_1RB\_Left



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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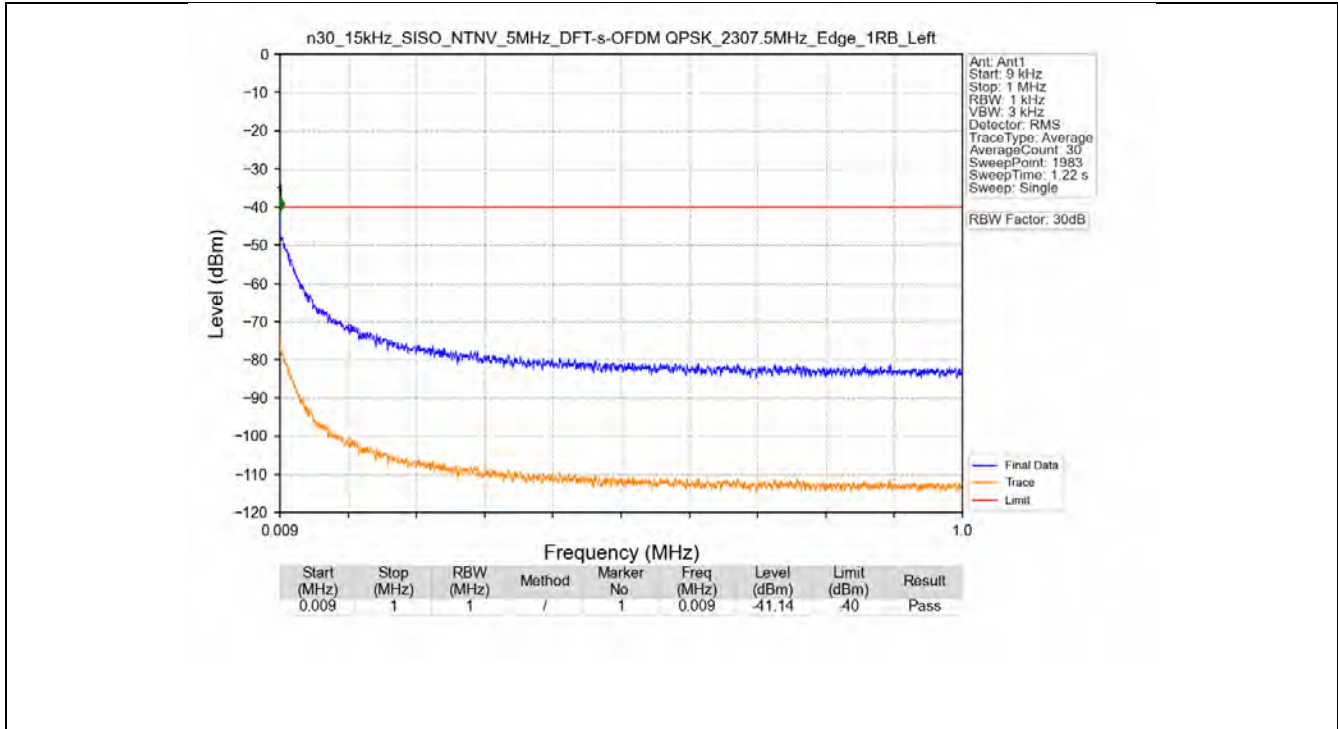


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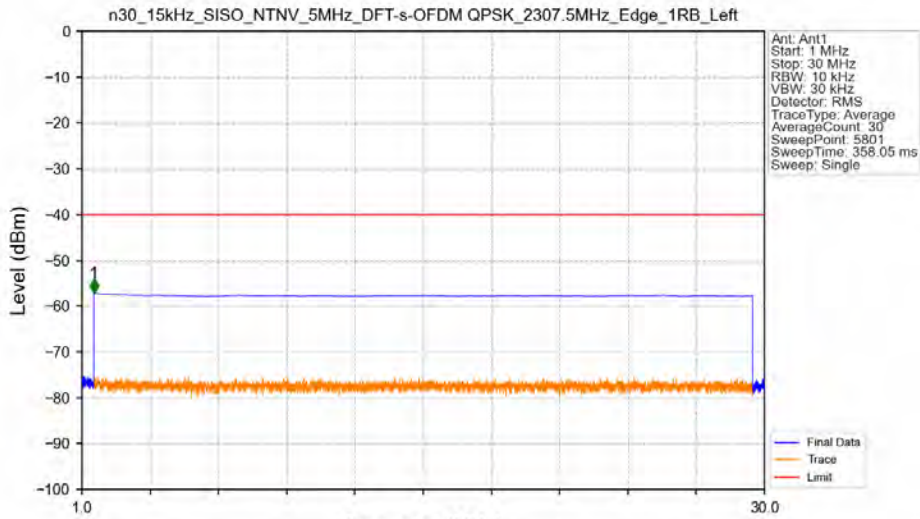
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n30\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_2307.5MHz\_Edge\_1RB\_Left



n30\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_2307.5MHz\_Edge\_1RB\_Left



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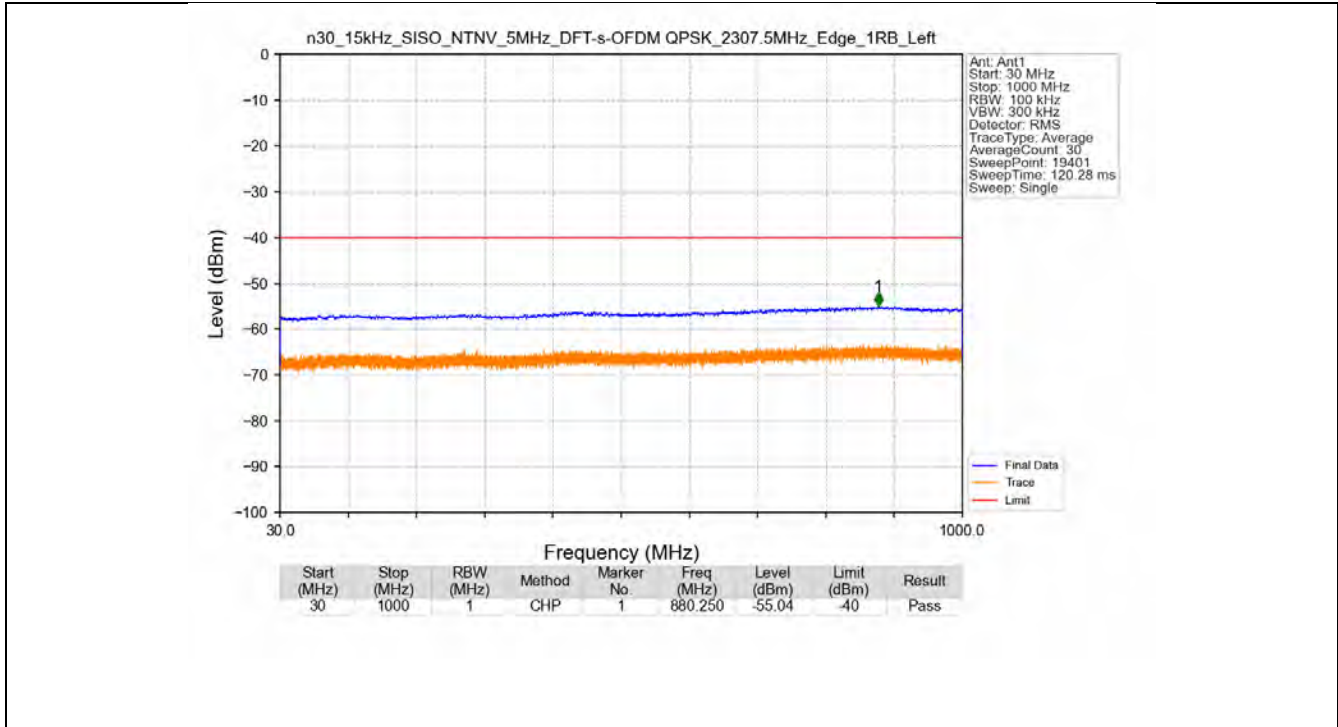


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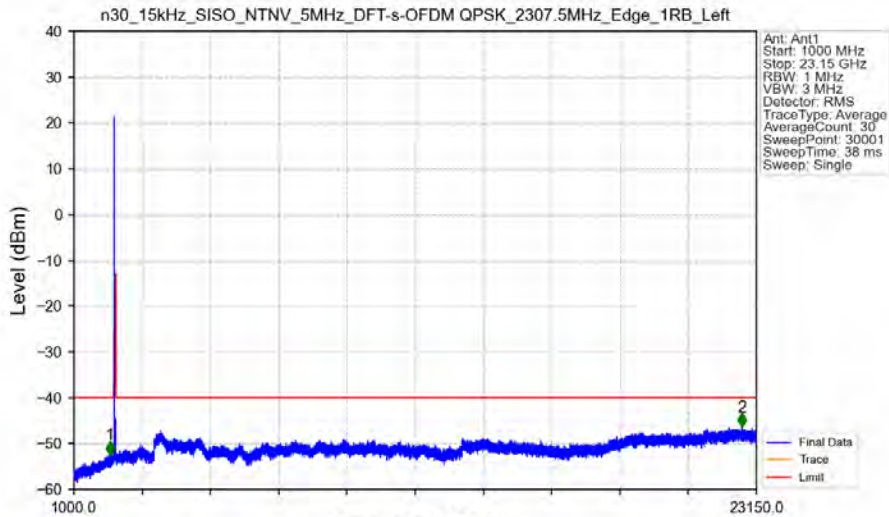
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n30\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_2307.5MHz\_Edge\_1RB\_Left



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

n30\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_2307.5MHz\_Outer\_Full



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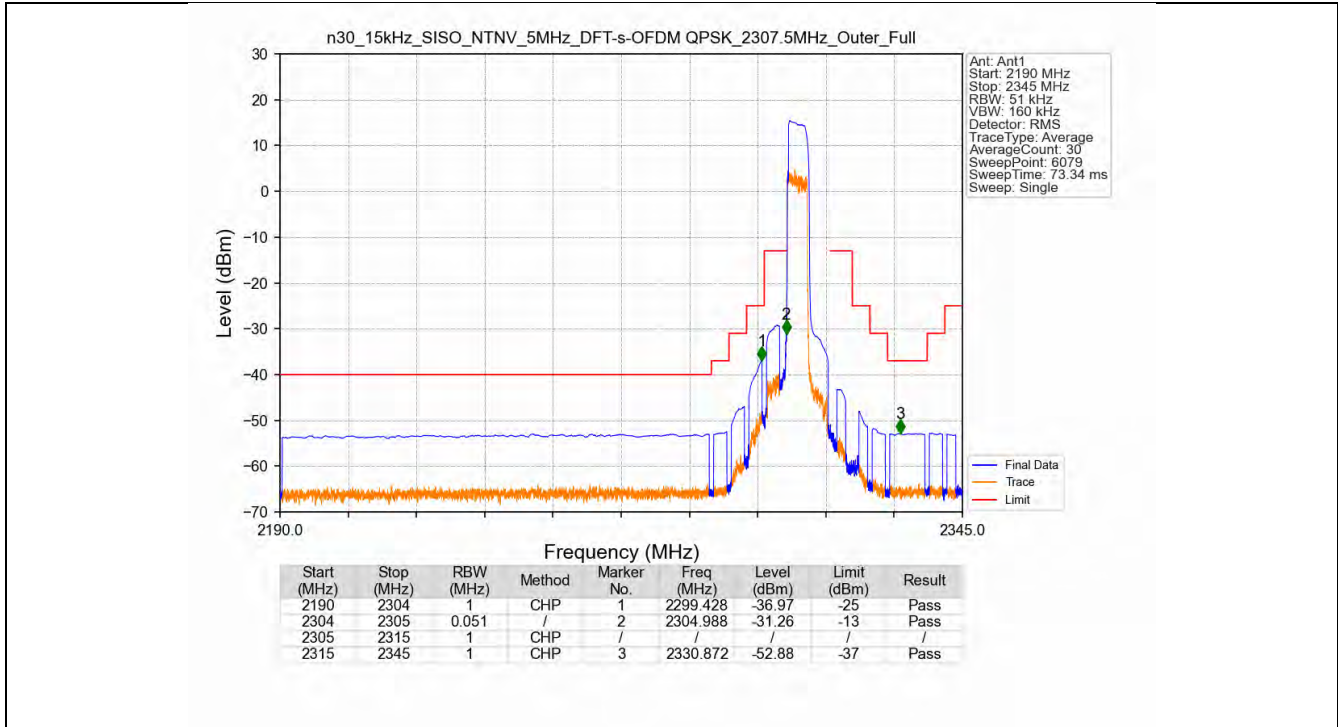


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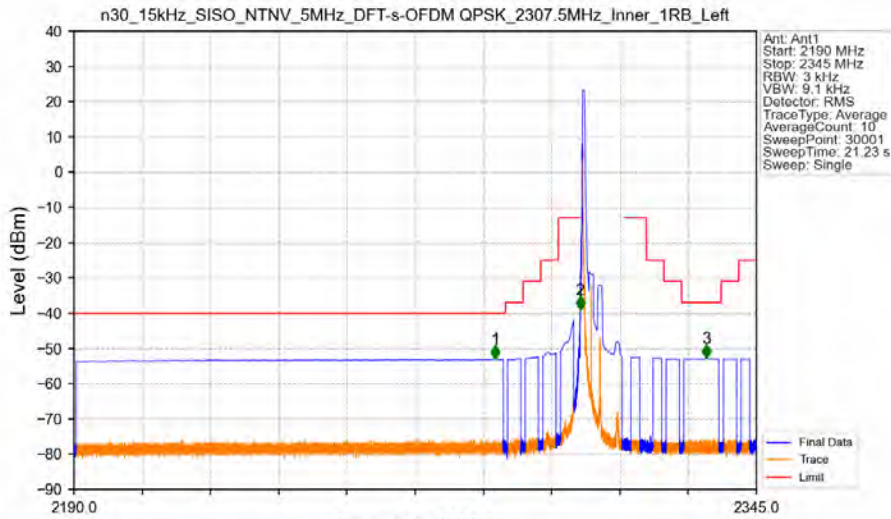
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n30\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_2307.5MHz\_Inner\_1RB\_Left



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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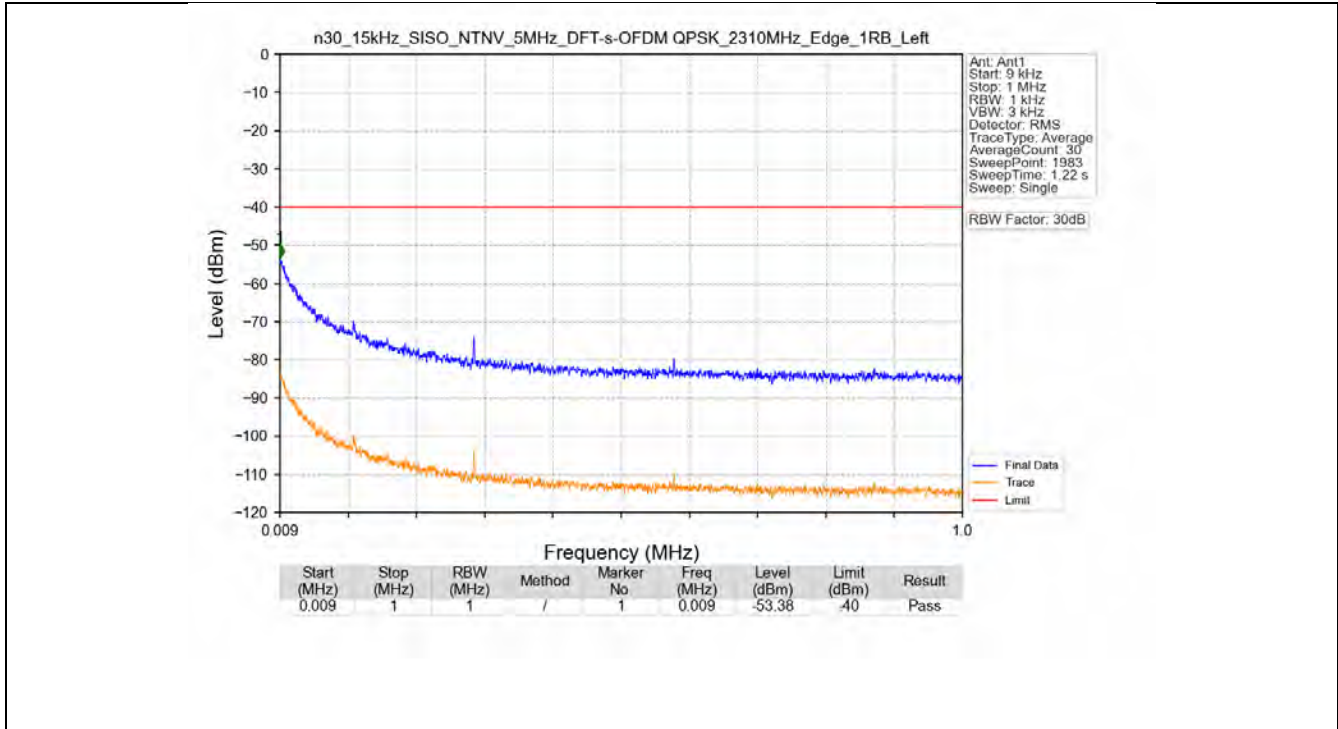


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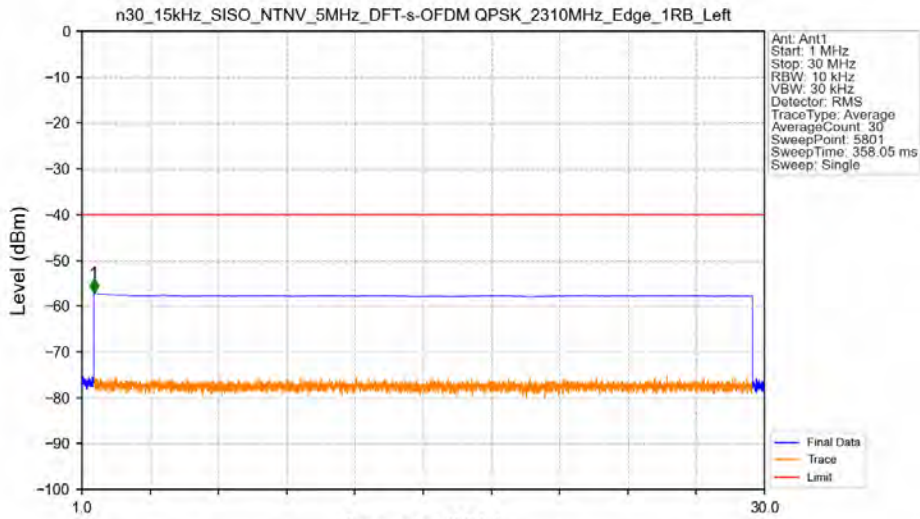
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n30\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_2310MHz\_Edge\_1RB\_Left



n30\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_2310MHz\_Edge\_1RB\_Left



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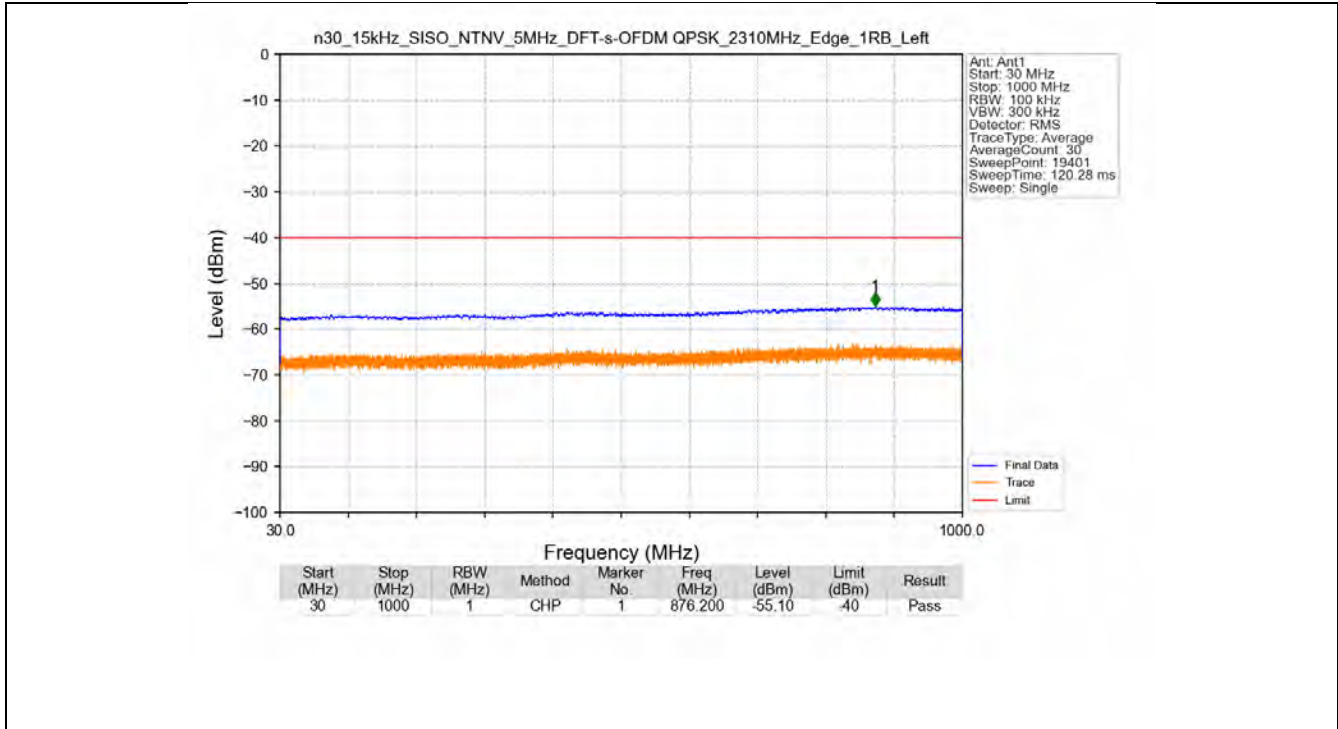


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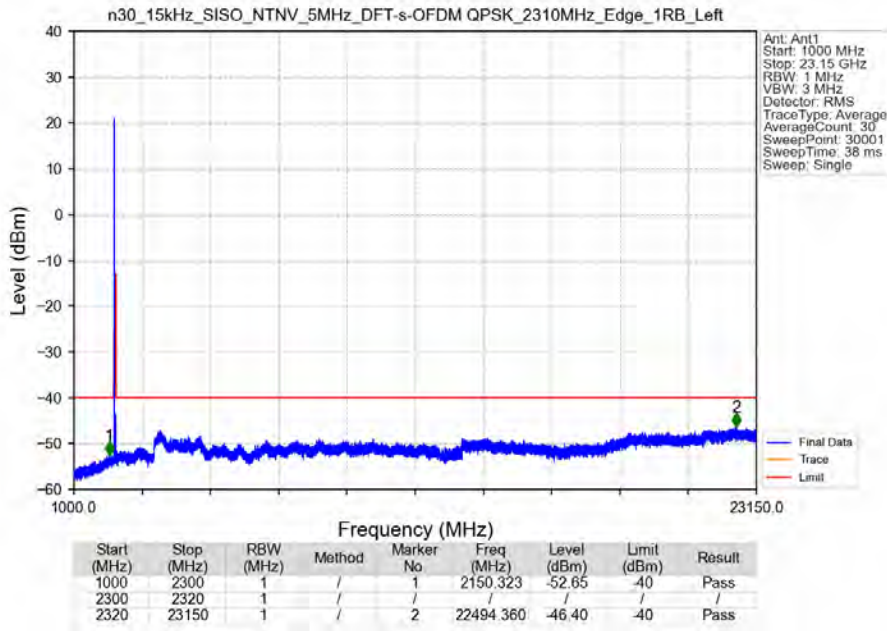
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n30\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_2310MHz\_Edge\_1RB\_Left



n30\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_2312.5MHz\_Edge\_1RB\_Right



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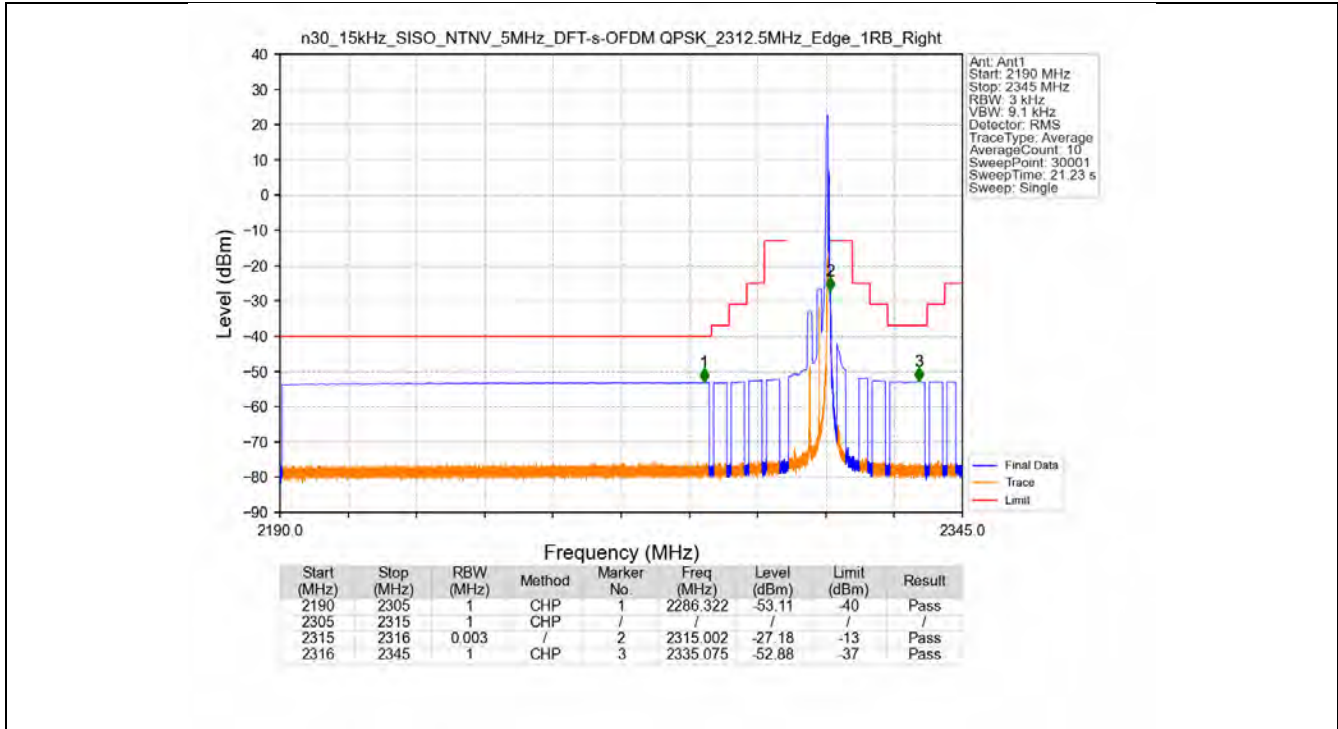


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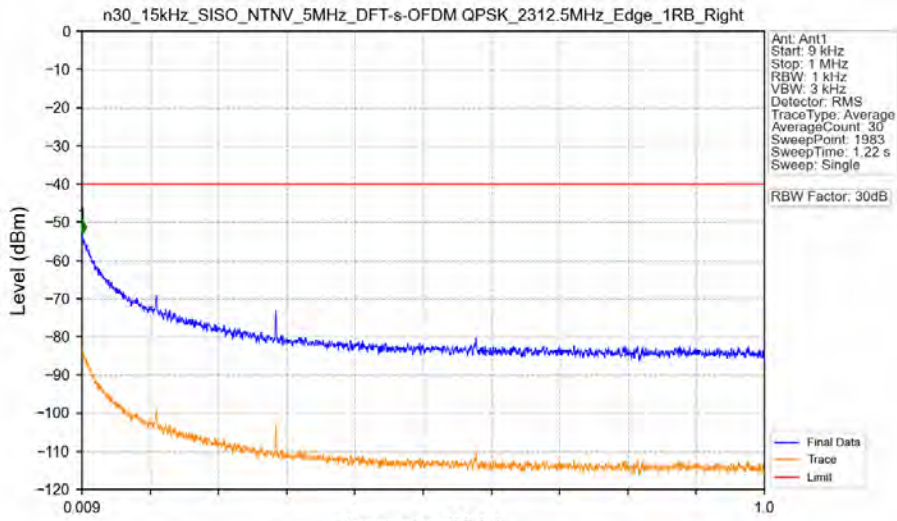
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n30\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_2312.5MHz\_Edge\_1RB\_Right



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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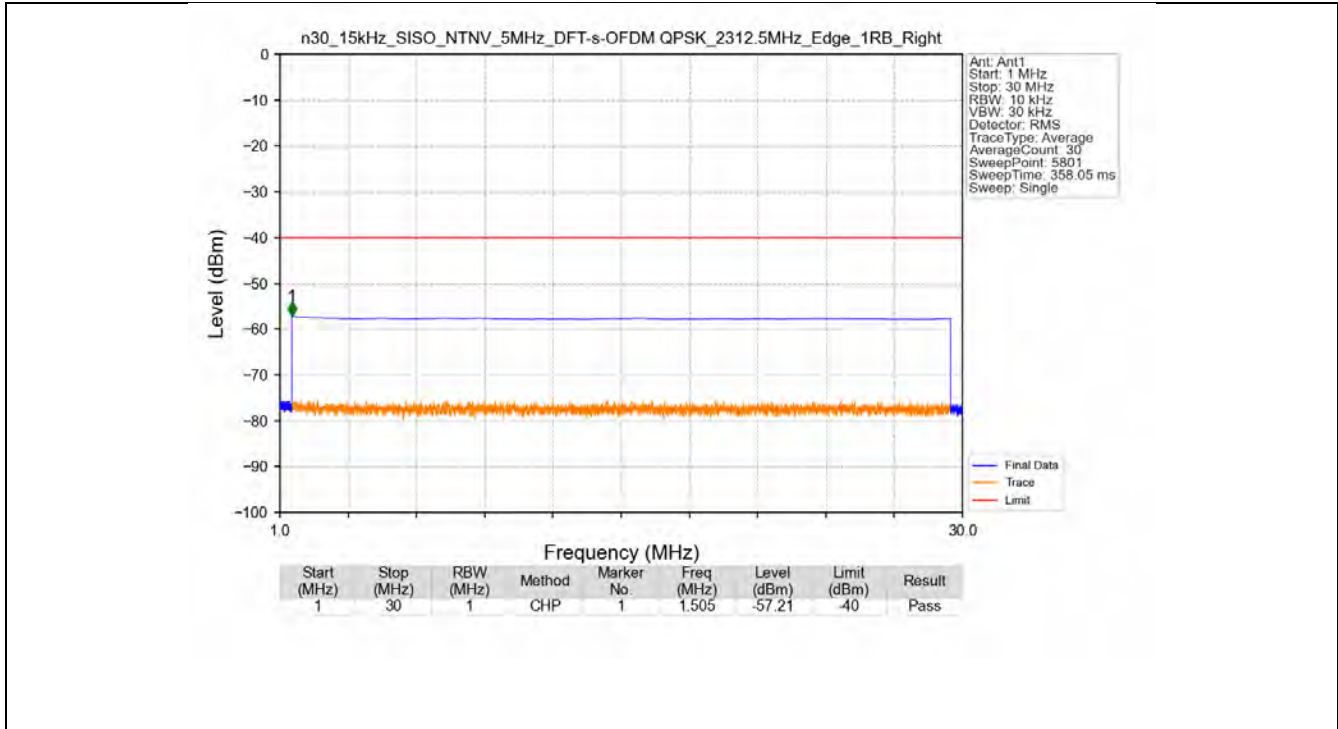


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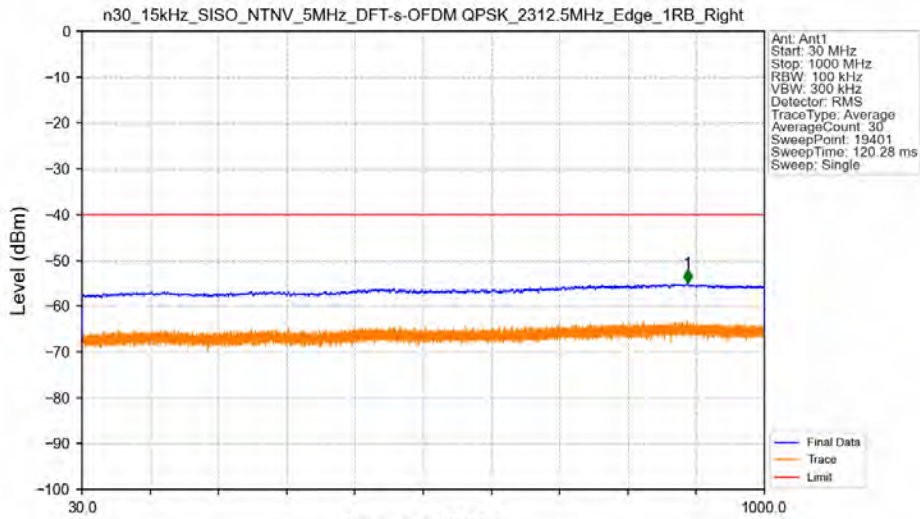
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n30\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_2312.5MHz\_Edge\_1RB\_Right



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

n30\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM\_QPSK\_2312.5MHz\_Edge\_1RB\_Right



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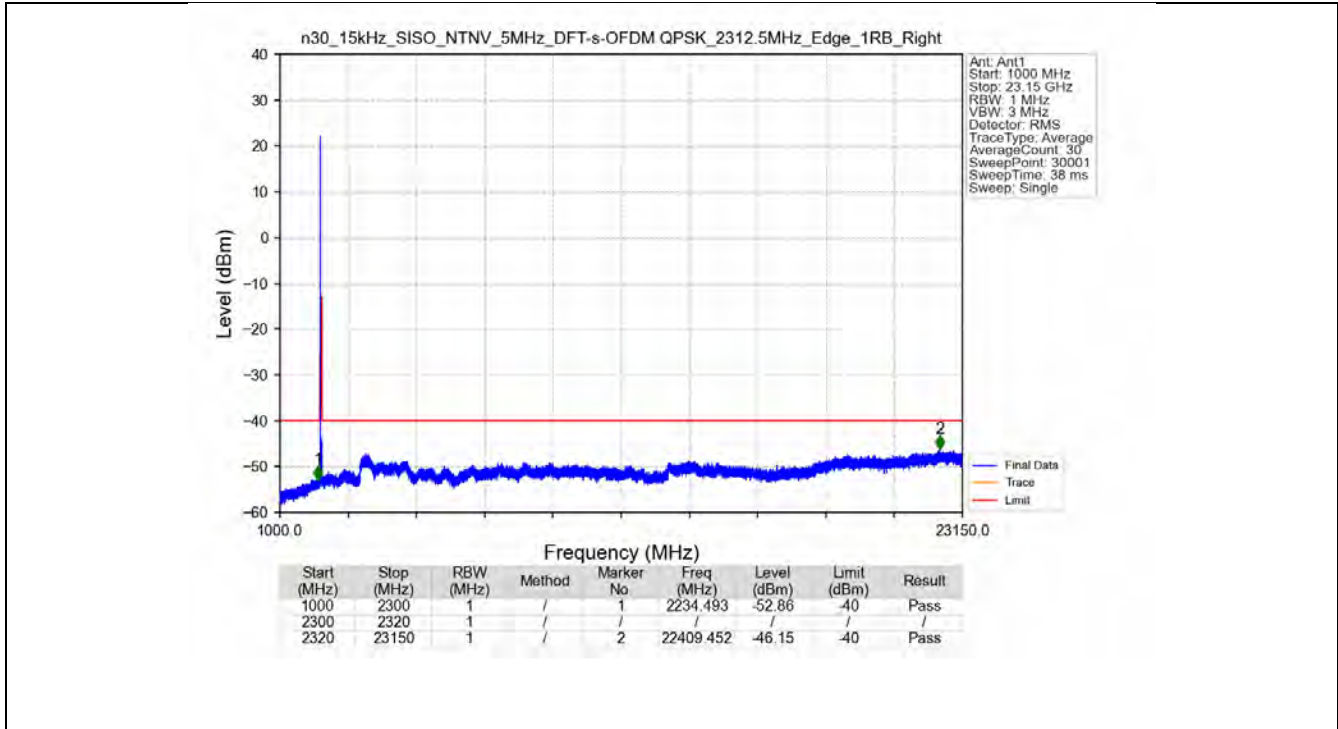


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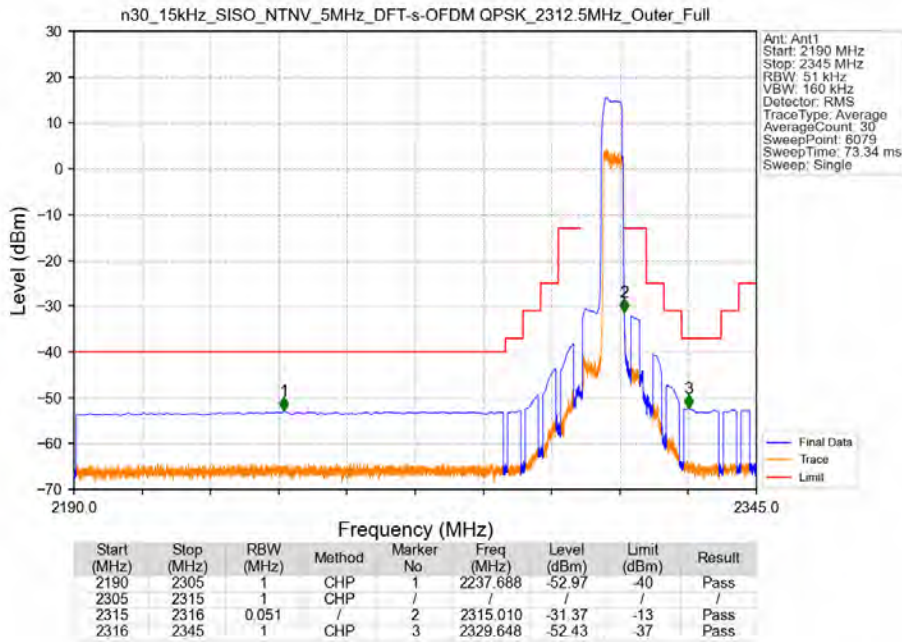
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n30\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_2312.5MHz\_Outer\_Full



n30\_15kHz\_SISO\_NTNV\_5MHz\_DFT-s-OFDM QPSK\_2312.5MHz\_Inner\_1RB\_Right



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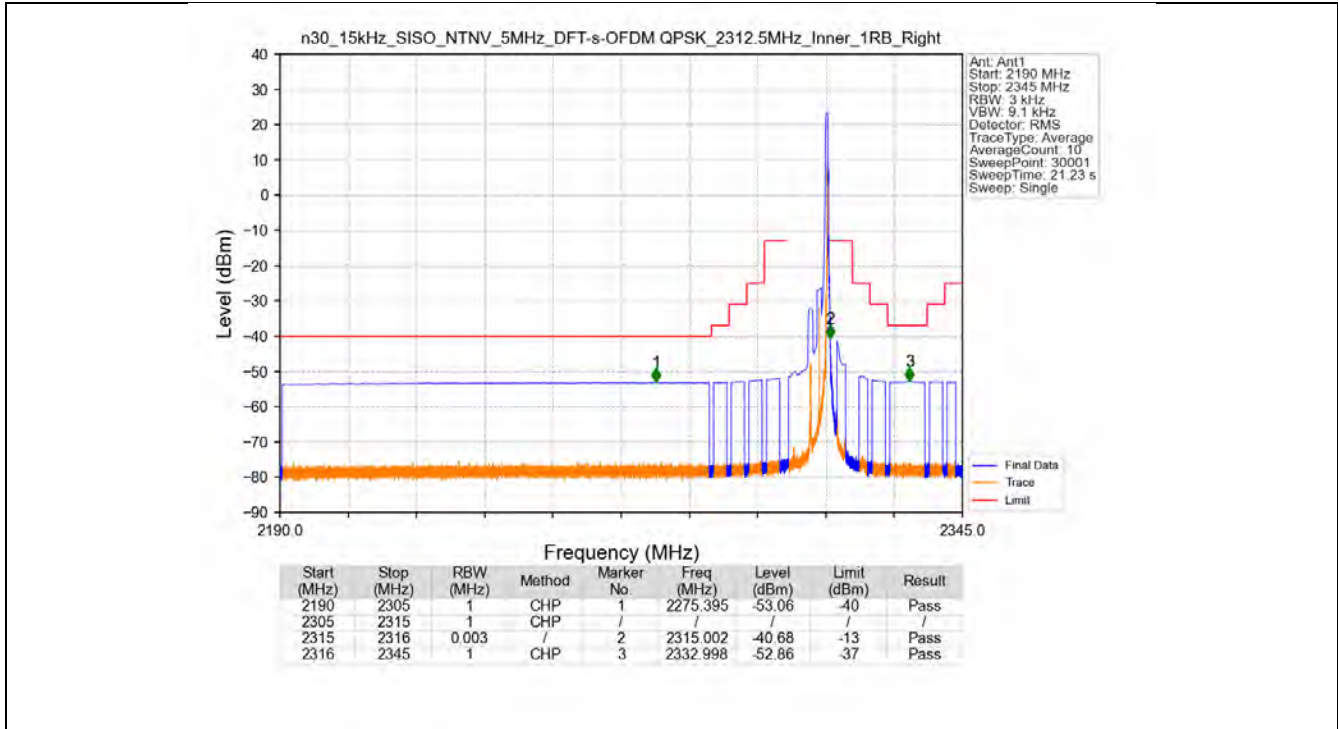


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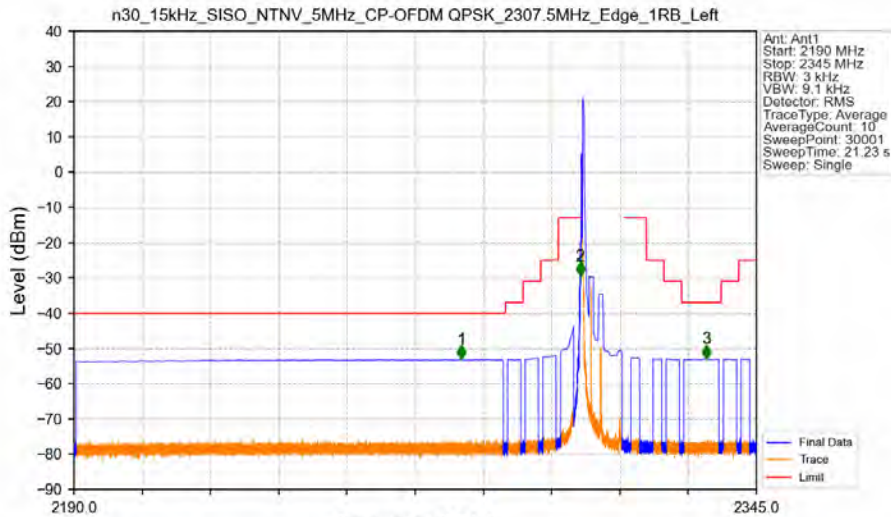
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Report No.: SZCR240100038409

Rev.: 01

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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
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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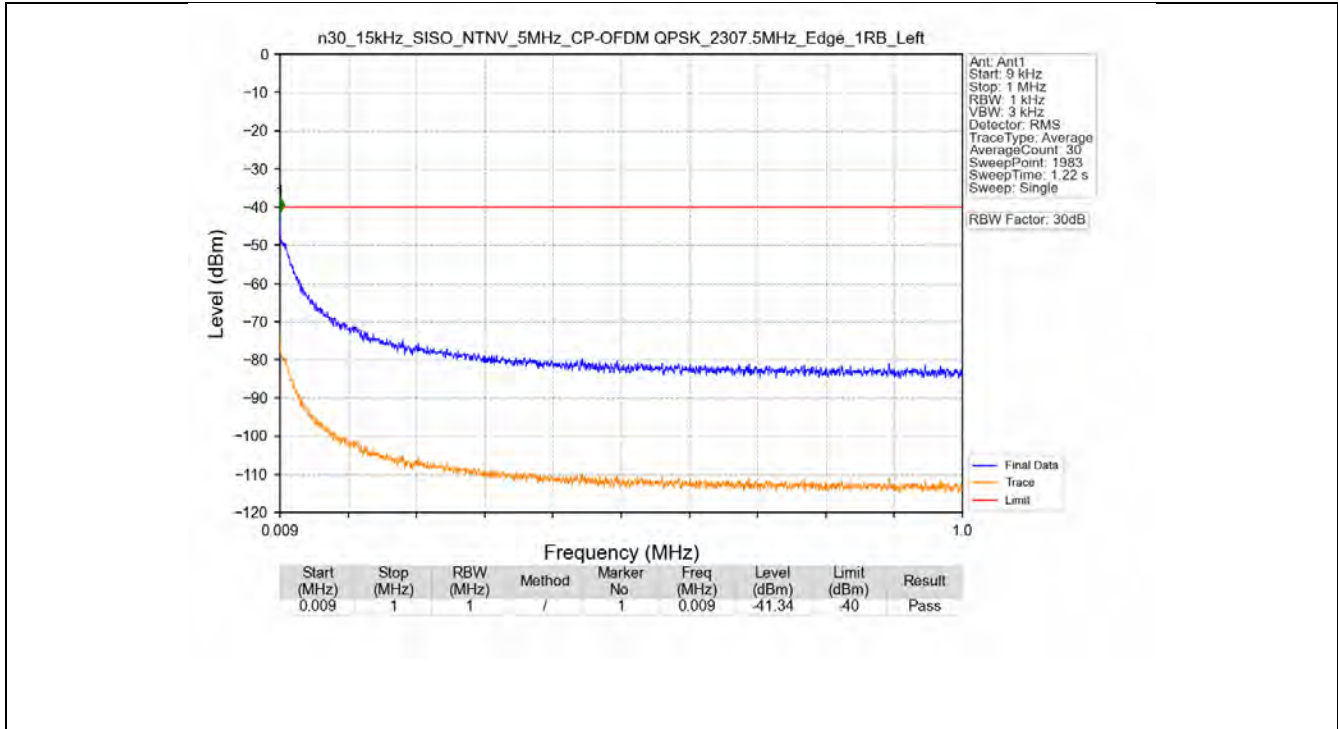


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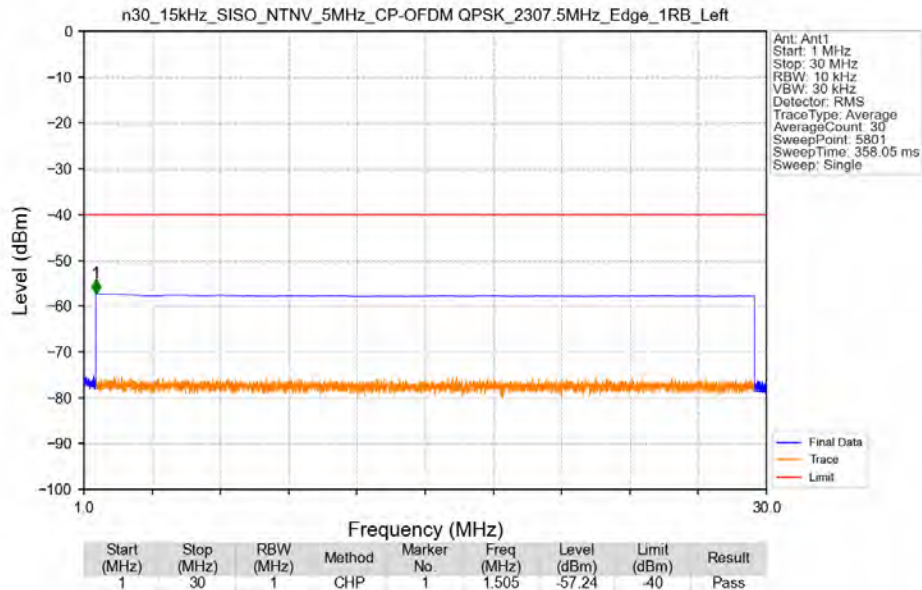
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n30\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_2307.5MHz\_Edge\_1RB\_Left



n30\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_2307.5MHz\_Edge\_1RB\_Left



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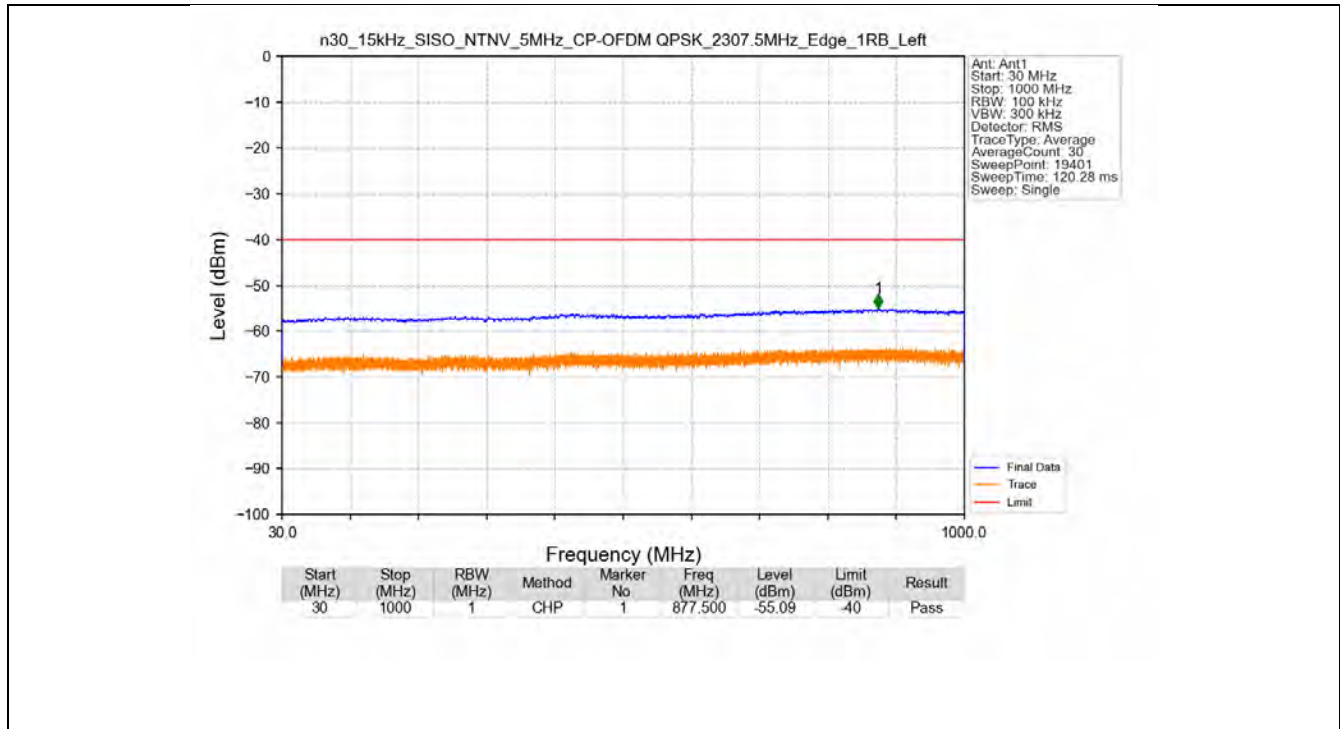


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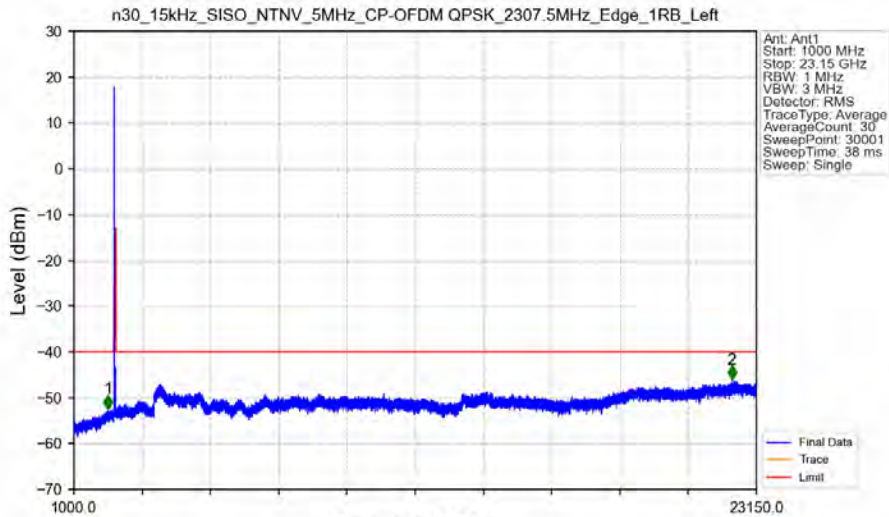
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n30\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_2307.5MHz\_Edge\_1RB\_Left



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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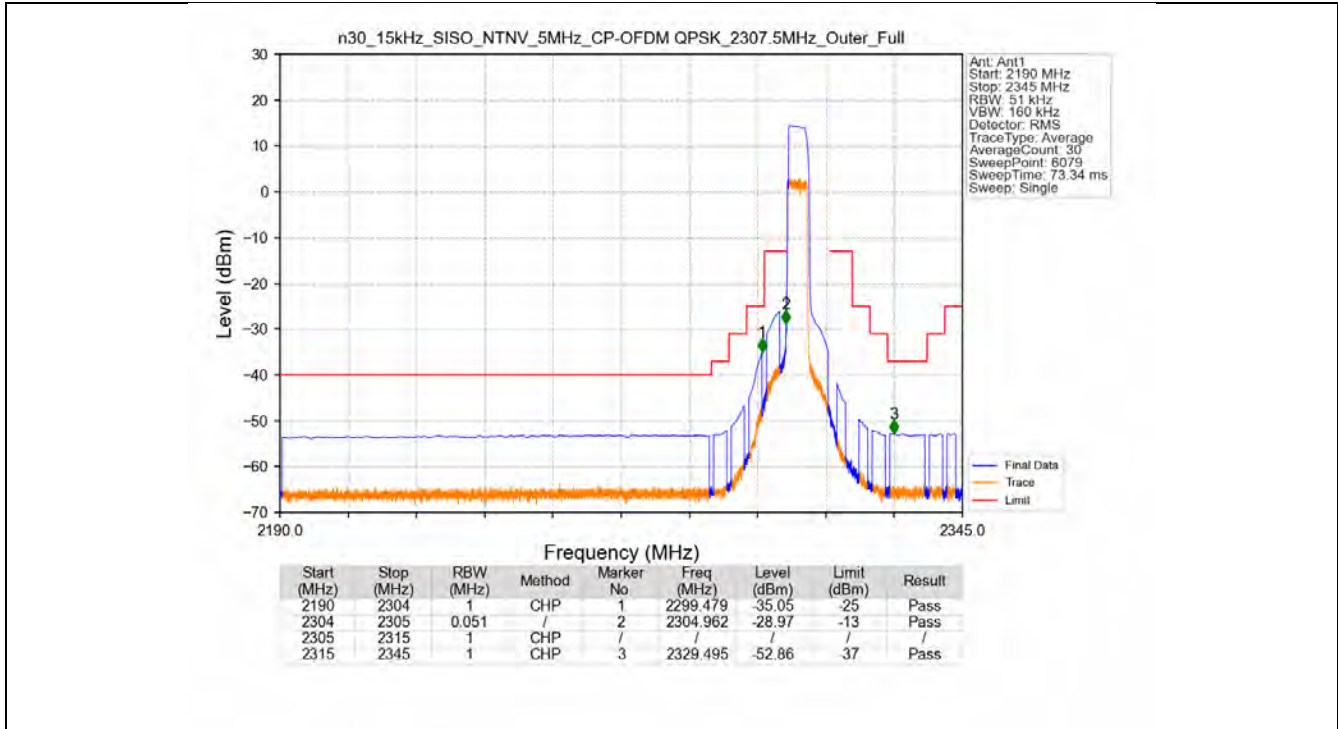


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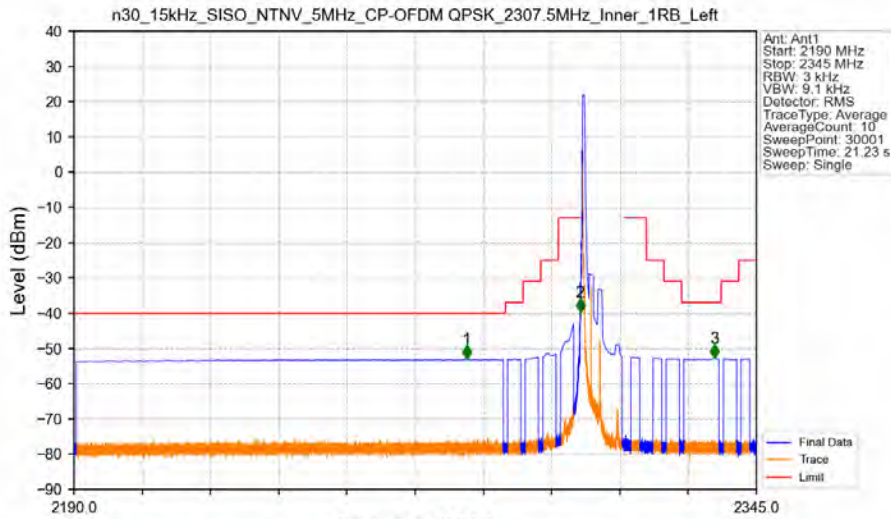
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n30\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_2307.5MHz\_Inner\_1RB\_Left



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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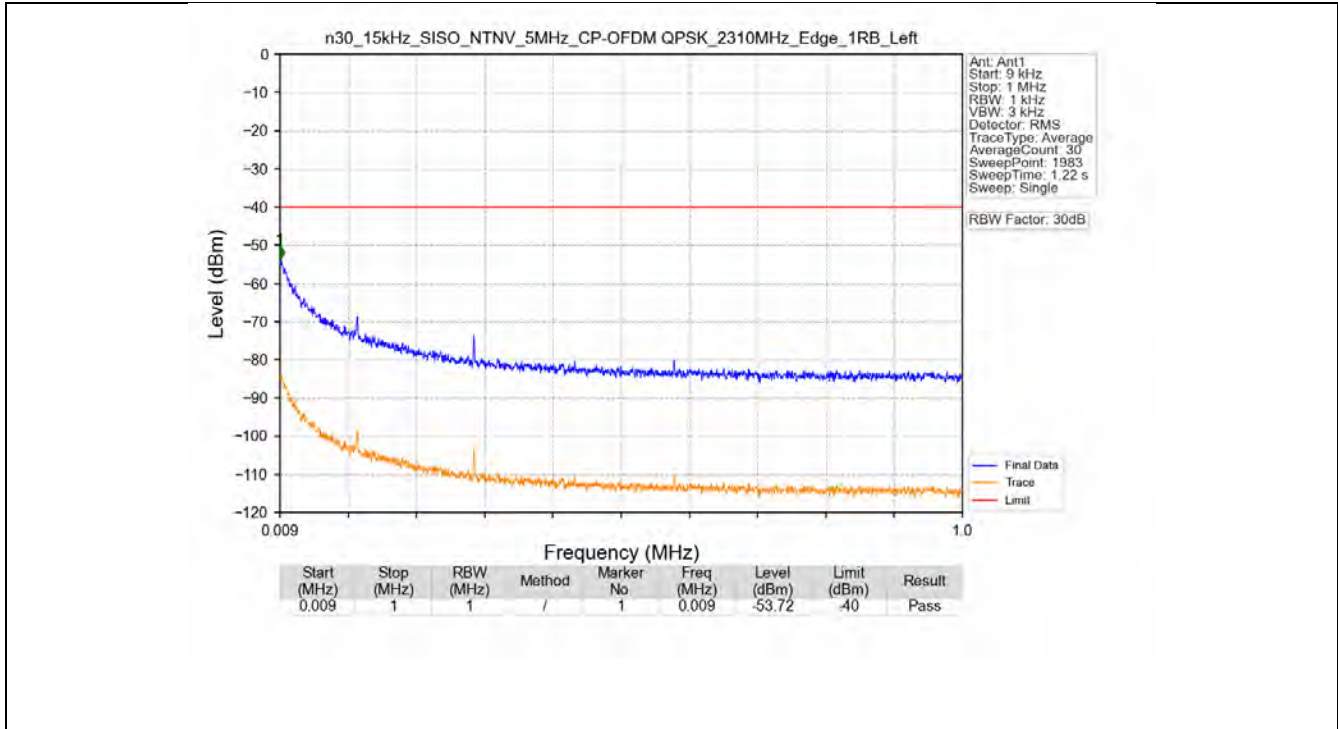


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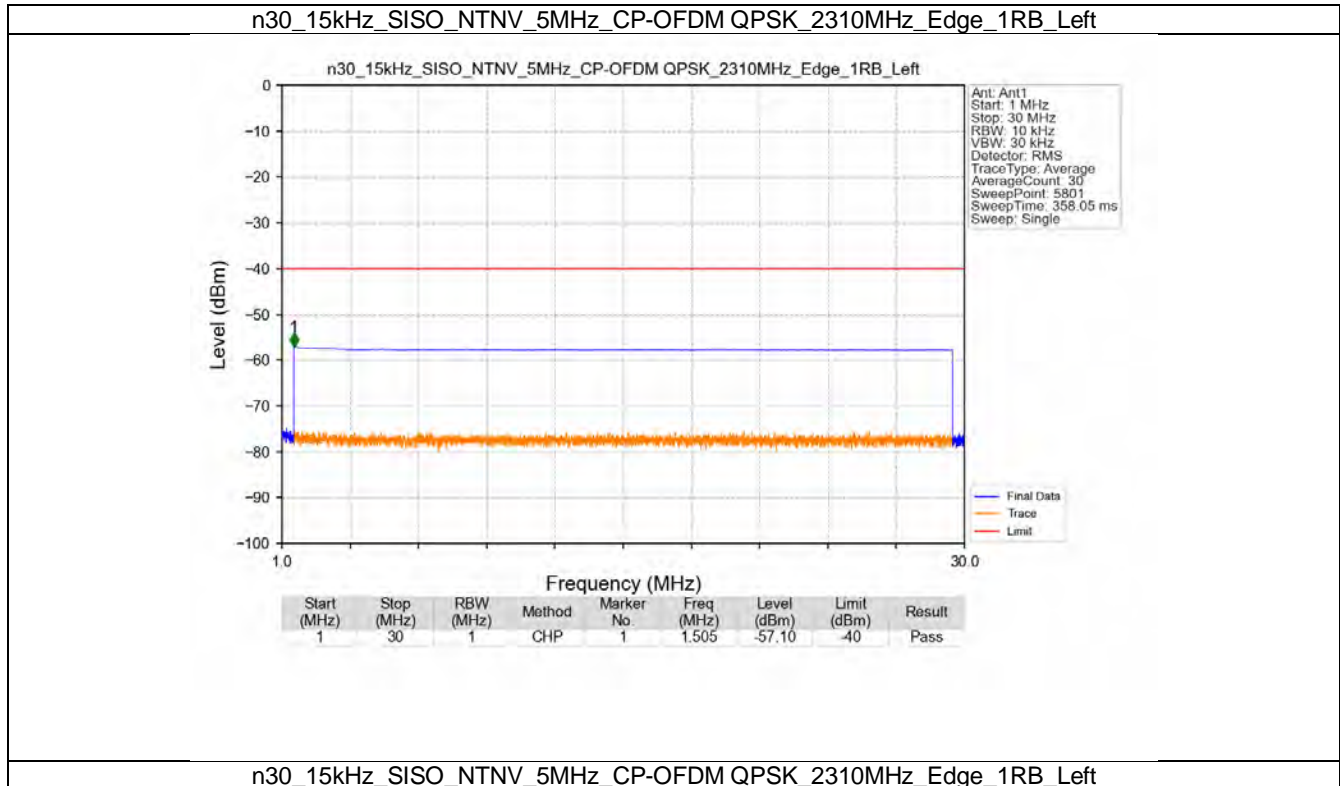


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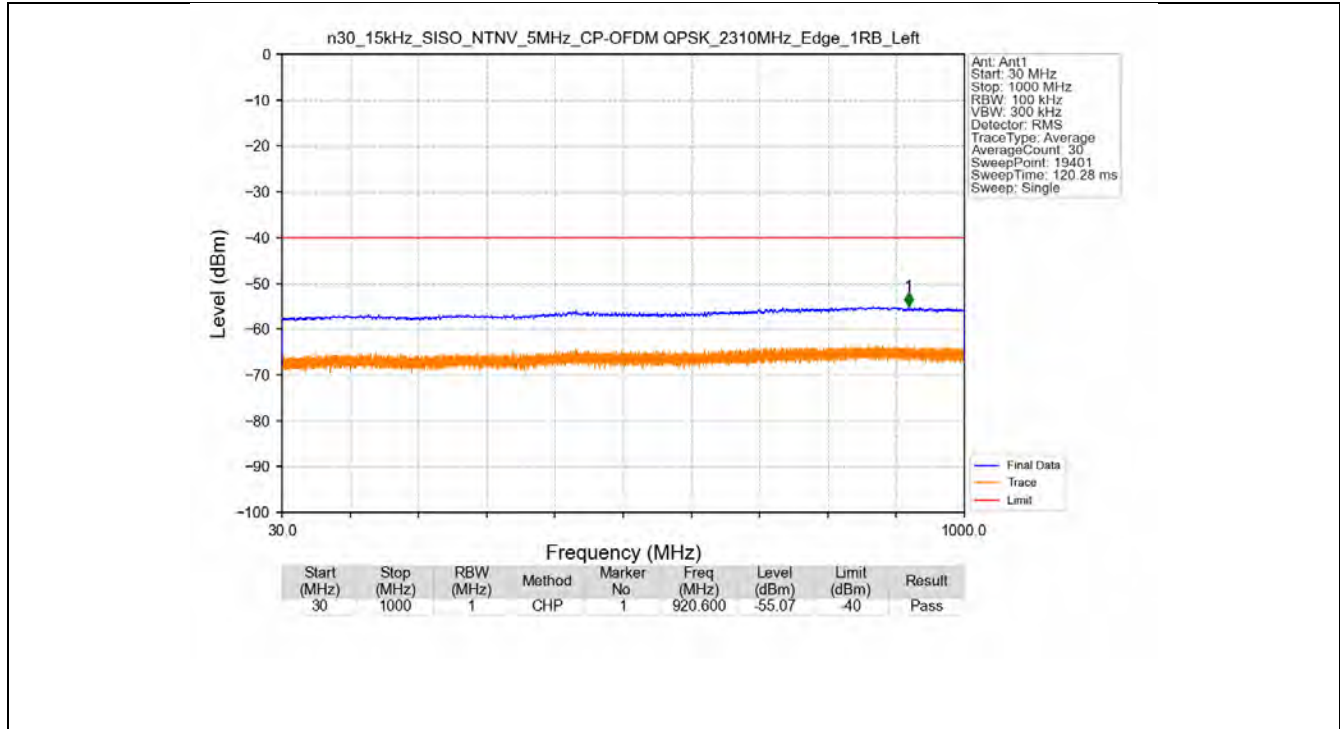


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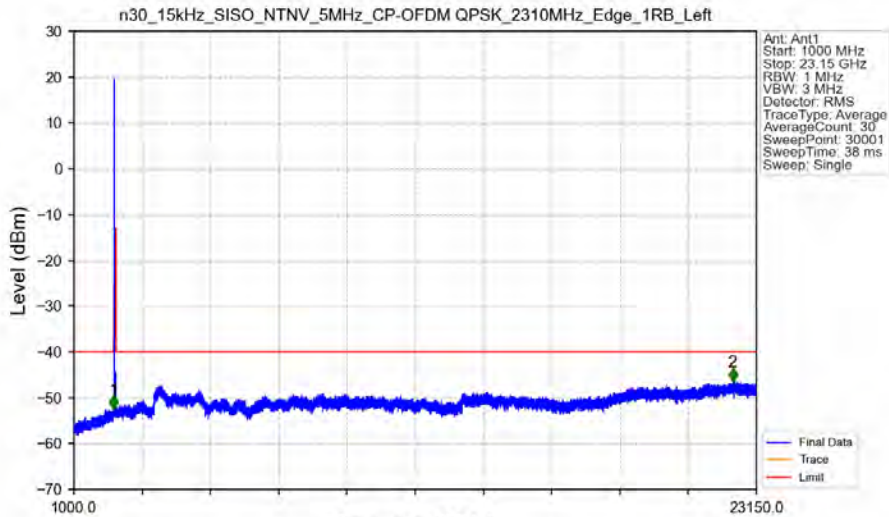
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n30\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_2310MHz\_Edge\_1RB\_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
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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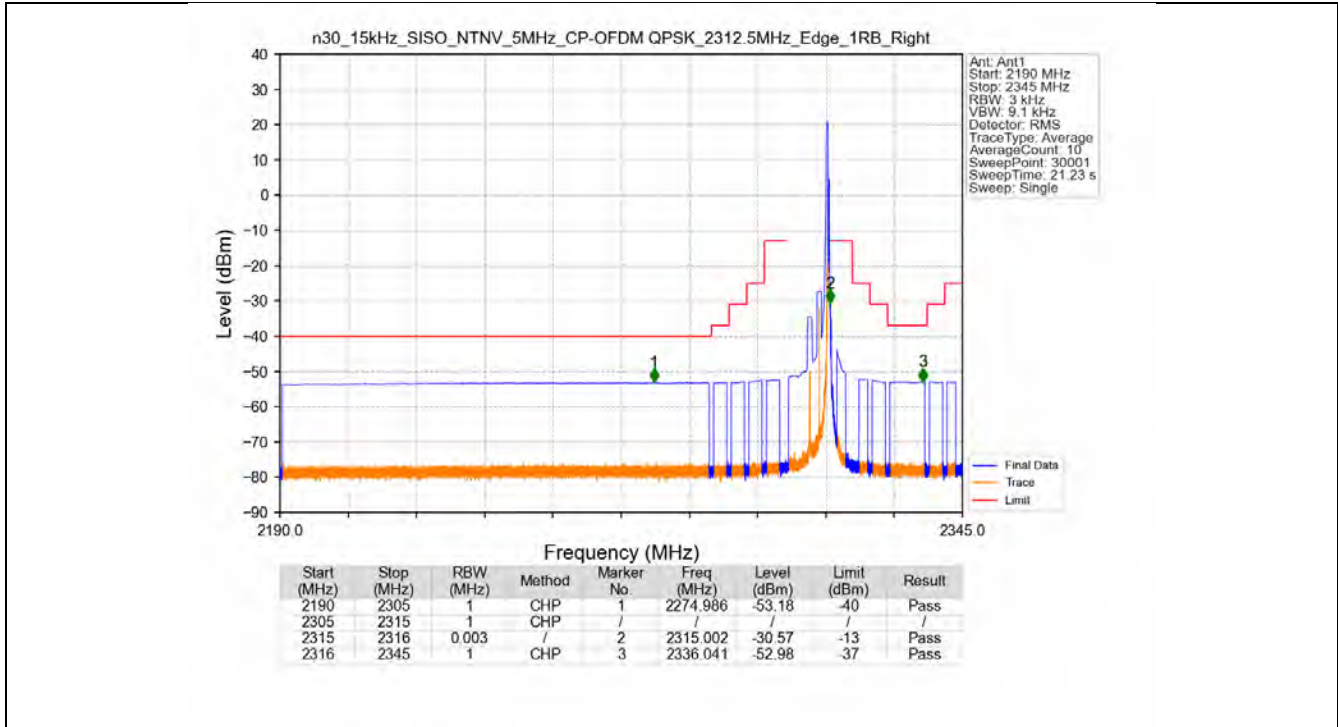


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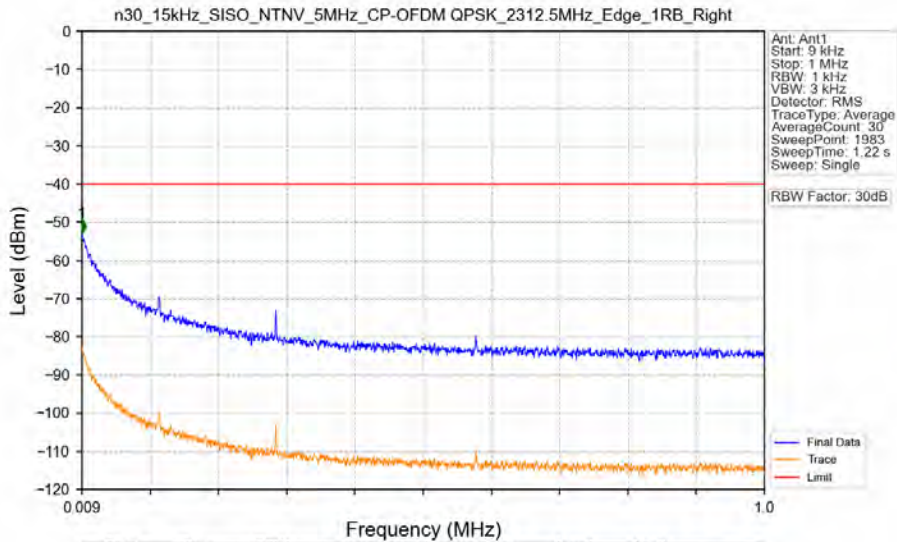
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n30\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_2312.5MHz\_Edge\_1RB\_Right



n30\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_2312.5MHz\_Edge\_1RB\_Right



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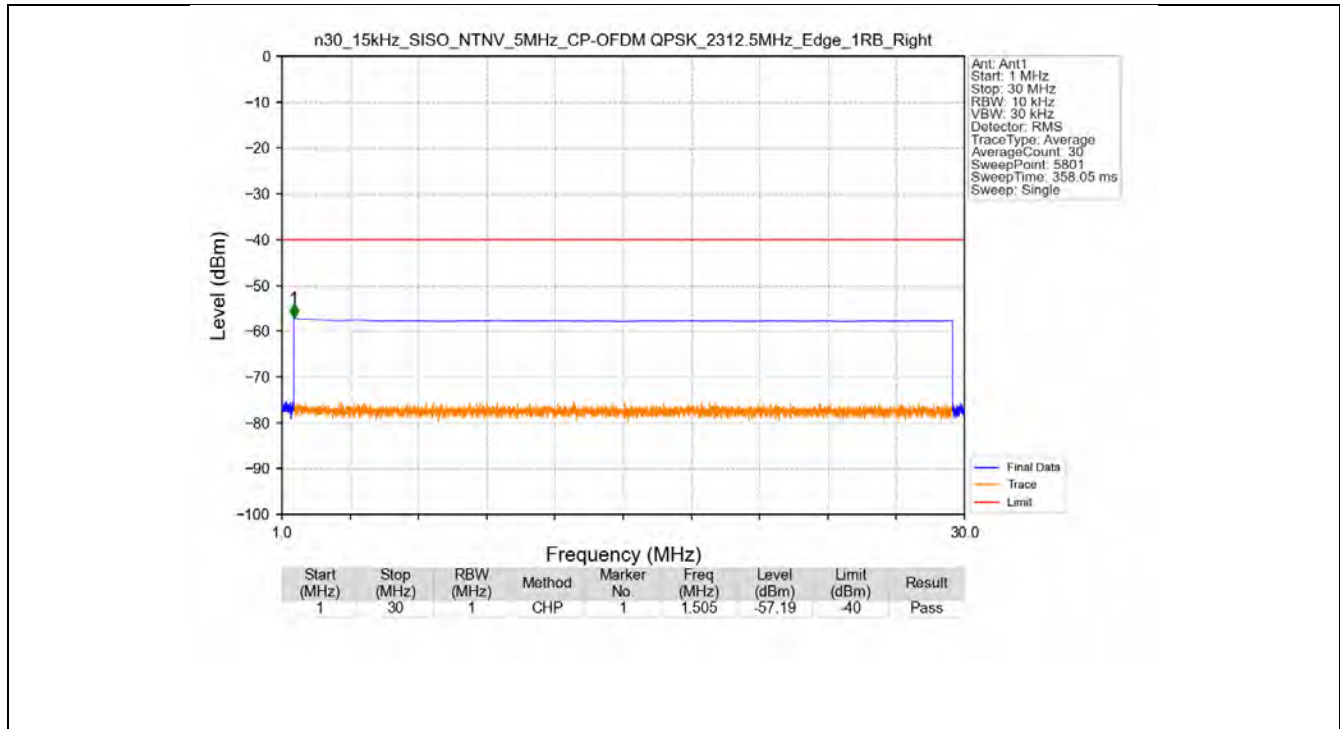


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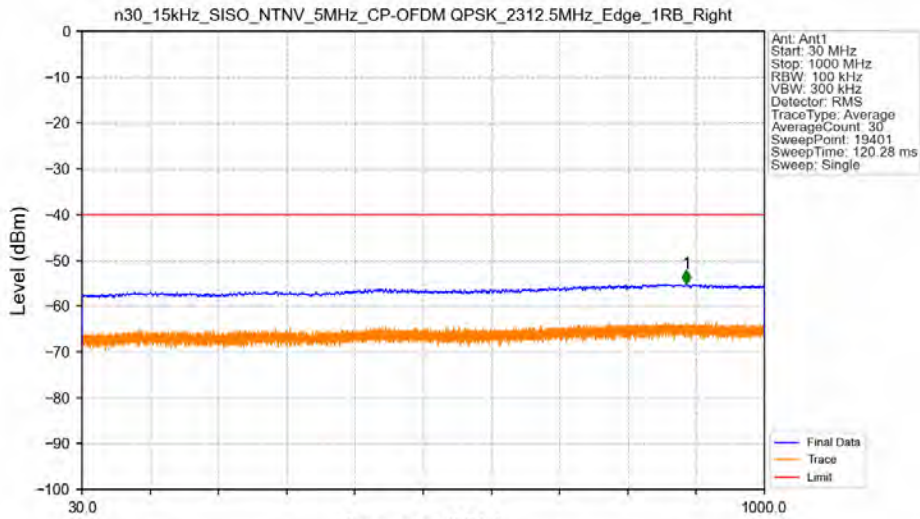
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n30\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_2312.5MHz\_Edge\_1RB\_Right



n30\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_2312.5MHz\_Edge\_1RB\_Right



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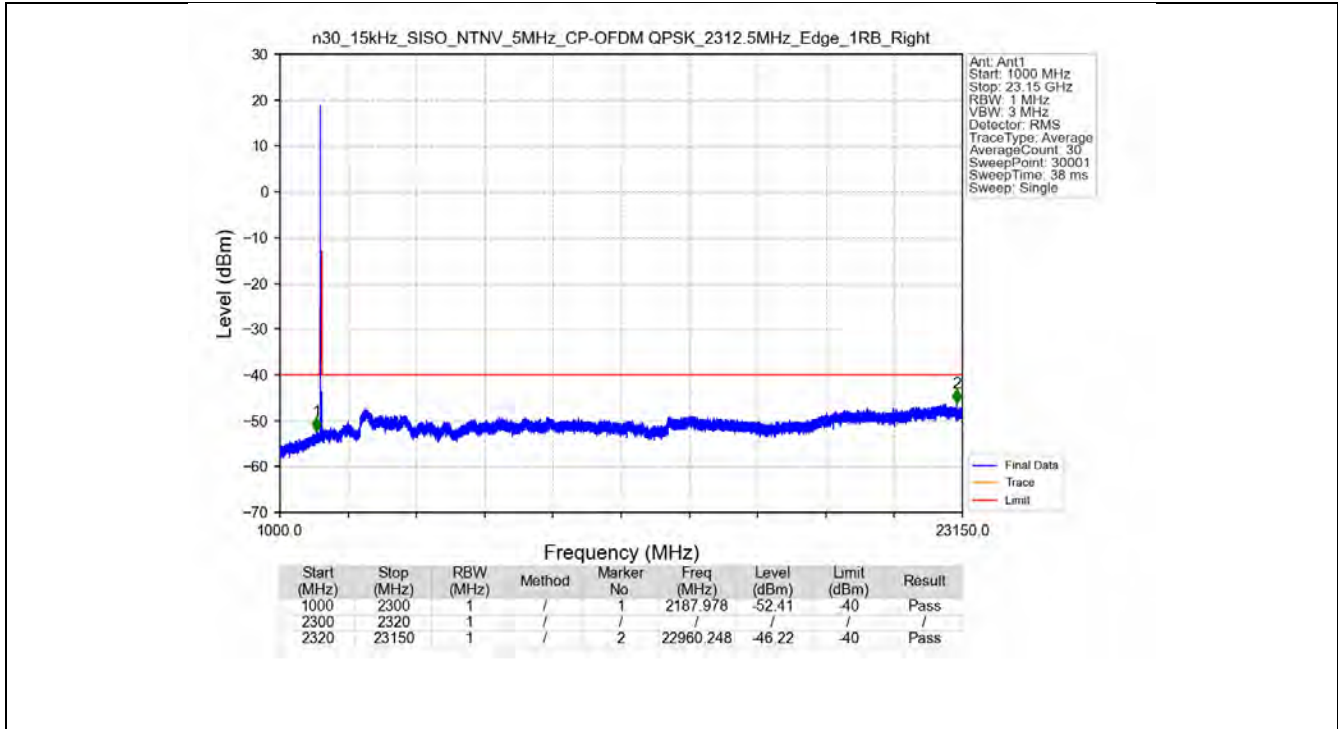


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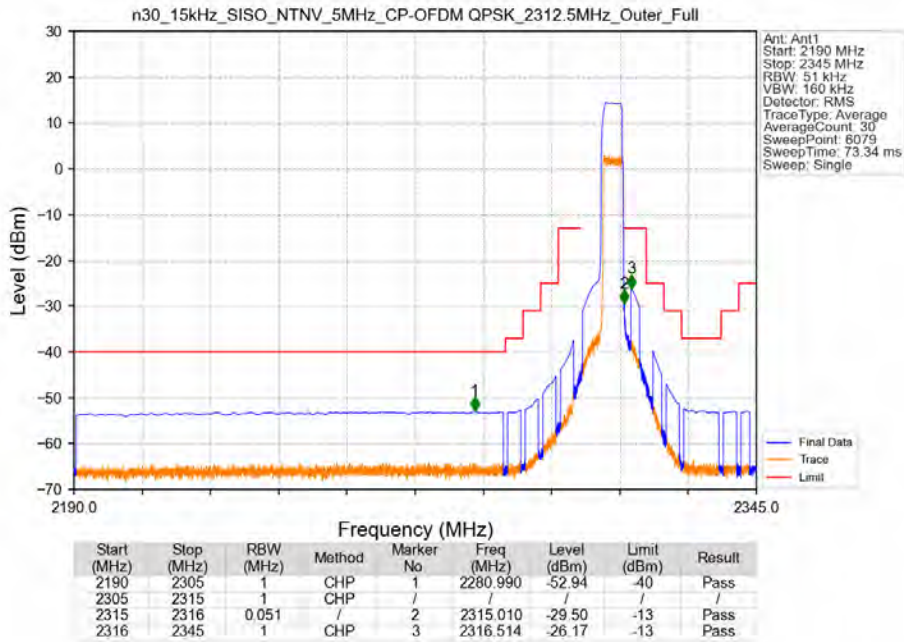
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n30\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_2312.5MHz\_Outer\_Full



n30\_15kHz\_SISO\_NTNV\_5MHz\_CP-OFDM QPSK\_2312.5MHz\_Inner\_1RB\_Right



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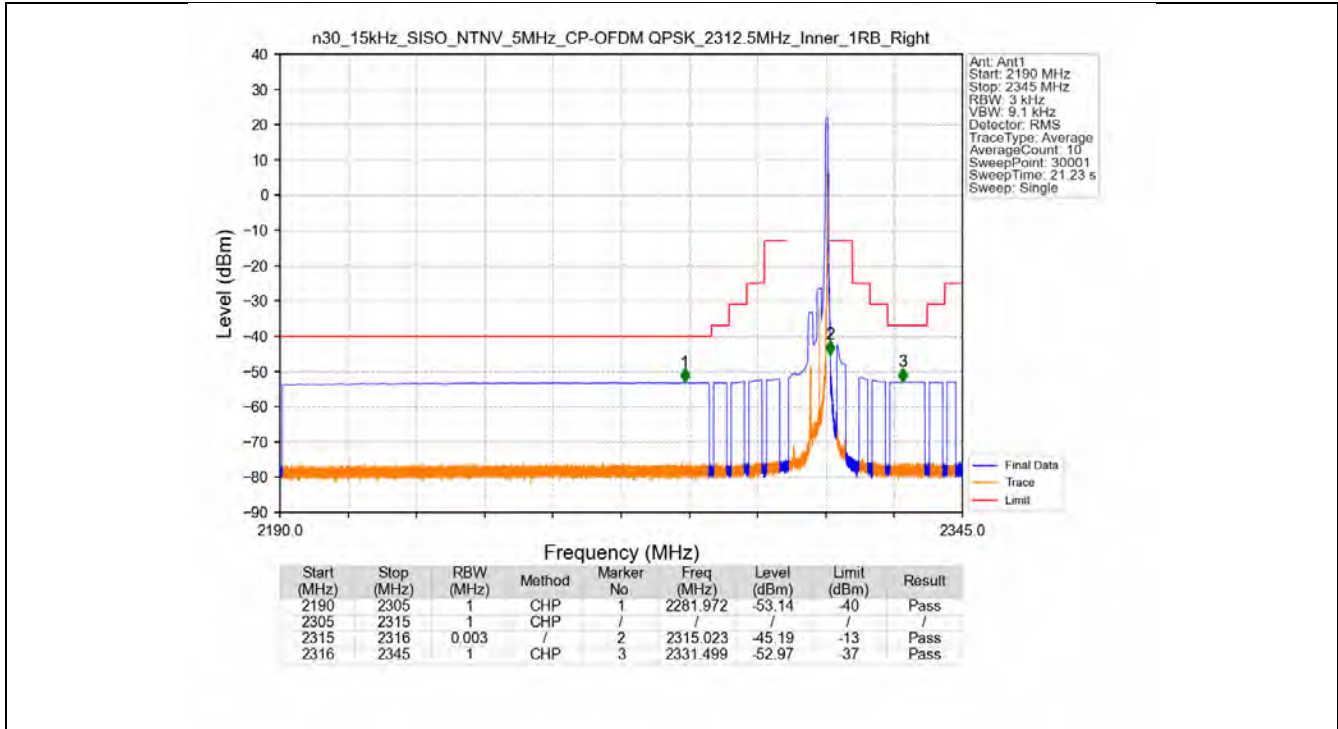


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## 5.2 15k\_SISO\_10MHz\_NTNV

### 5.2.1 Test Result

5G NR n30 SCS=15kHz SISO 10MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
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
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
DFT-s-OFDM QPSK	2310	Inner_1RB_Right	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
	2310	Inner_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
CP-OFDM QPSK	2310	Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
	2310	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
2310	Inner_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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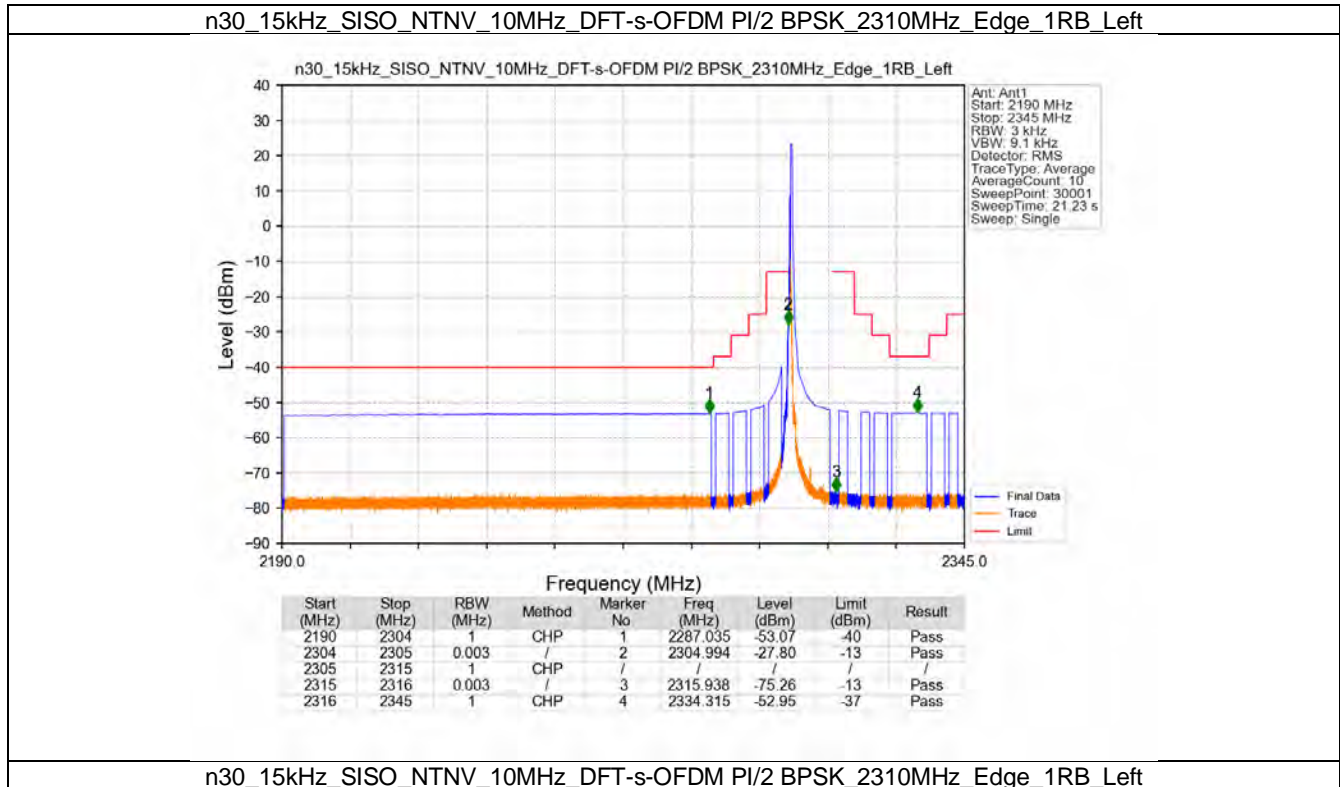
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5.2.2 Test Graph



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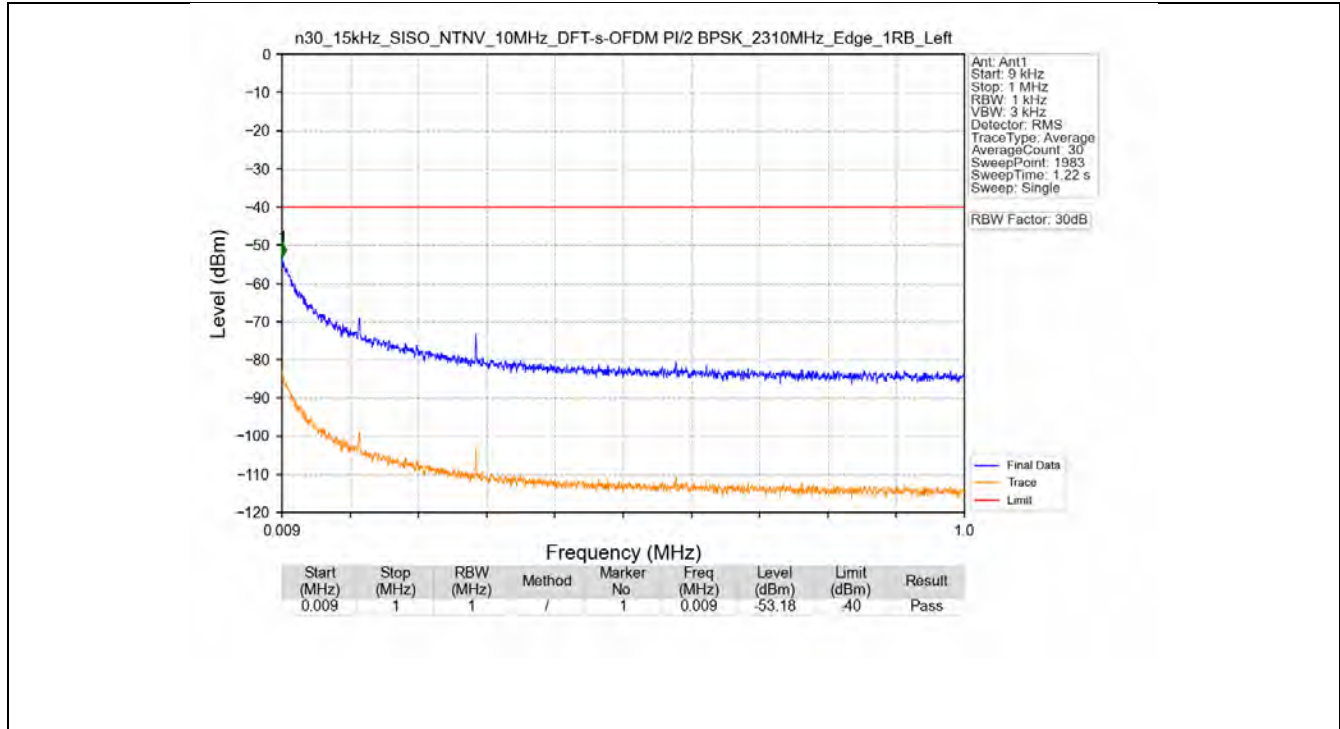


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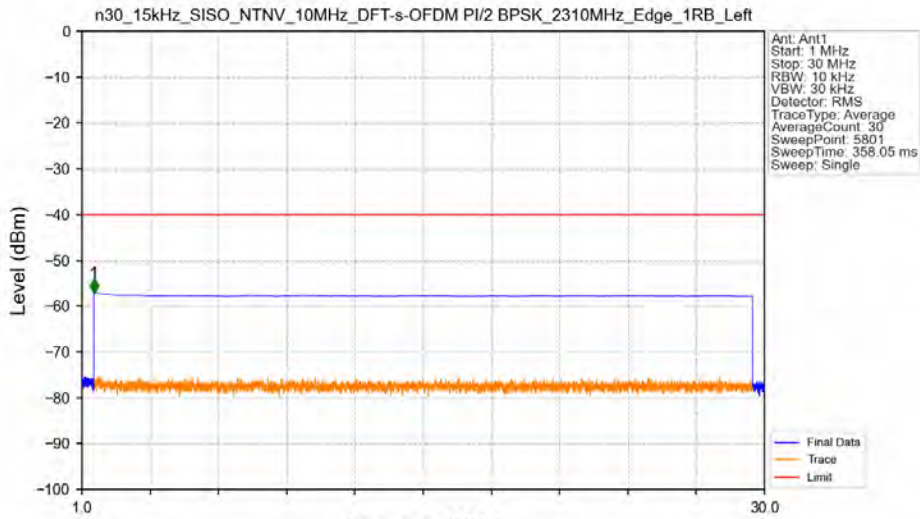
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n30\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_PI/2\_BPSK\_2310MHz\_Edge\_1RB\_Left



n30\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_PI/2\_BPSK\_2310MHz\_Edge\_1RB\_Left



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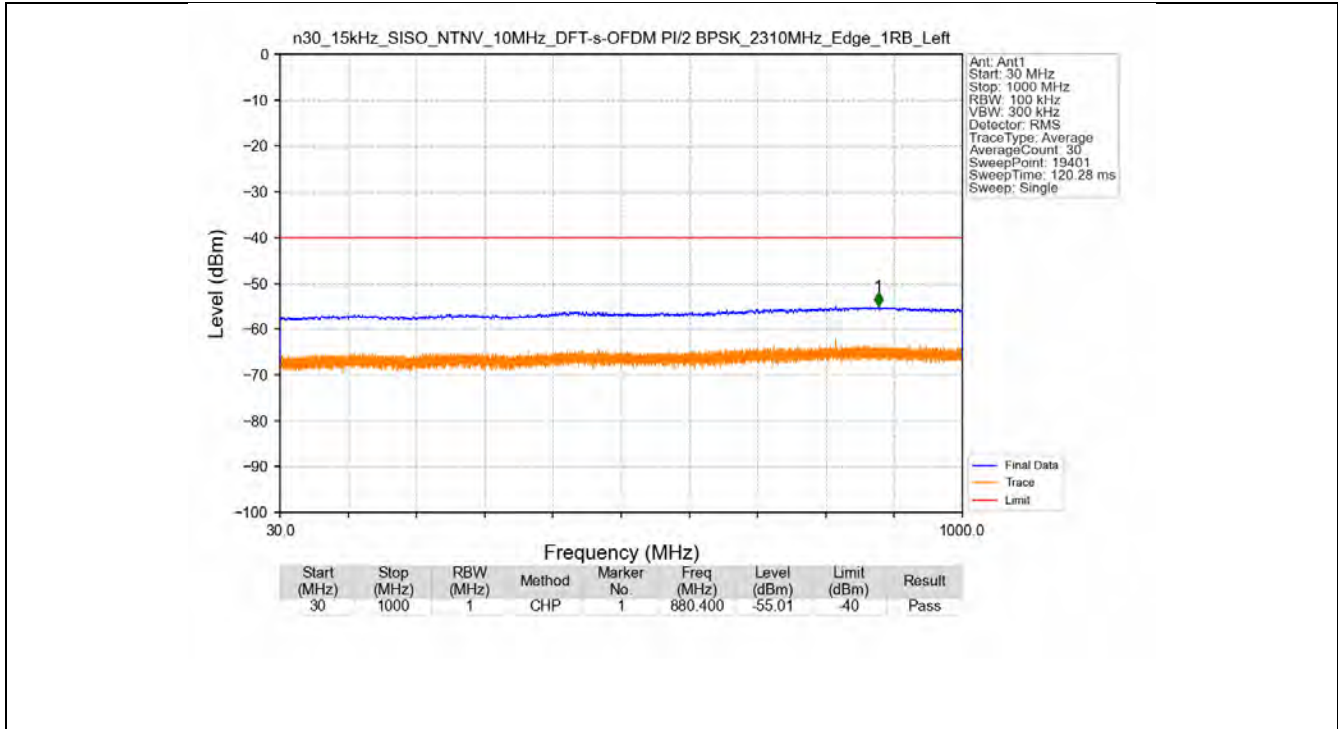


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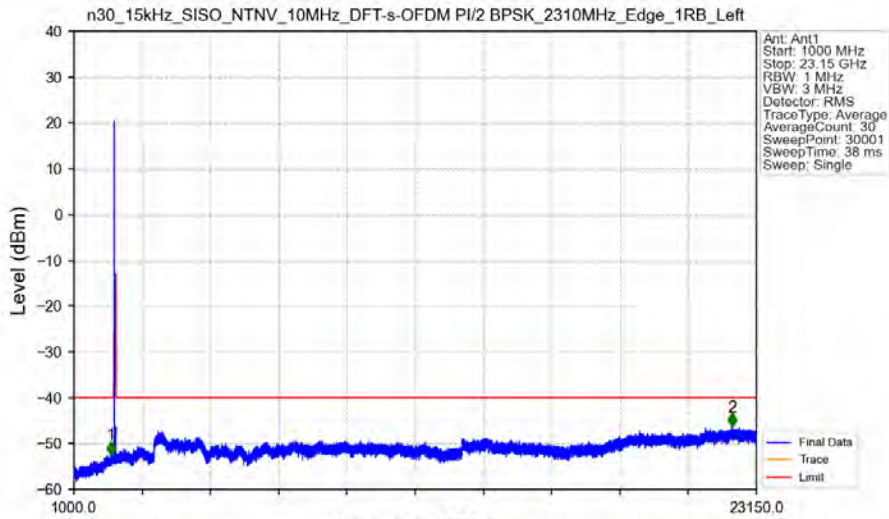
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n30\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_2310MHz\_Outer\_Full



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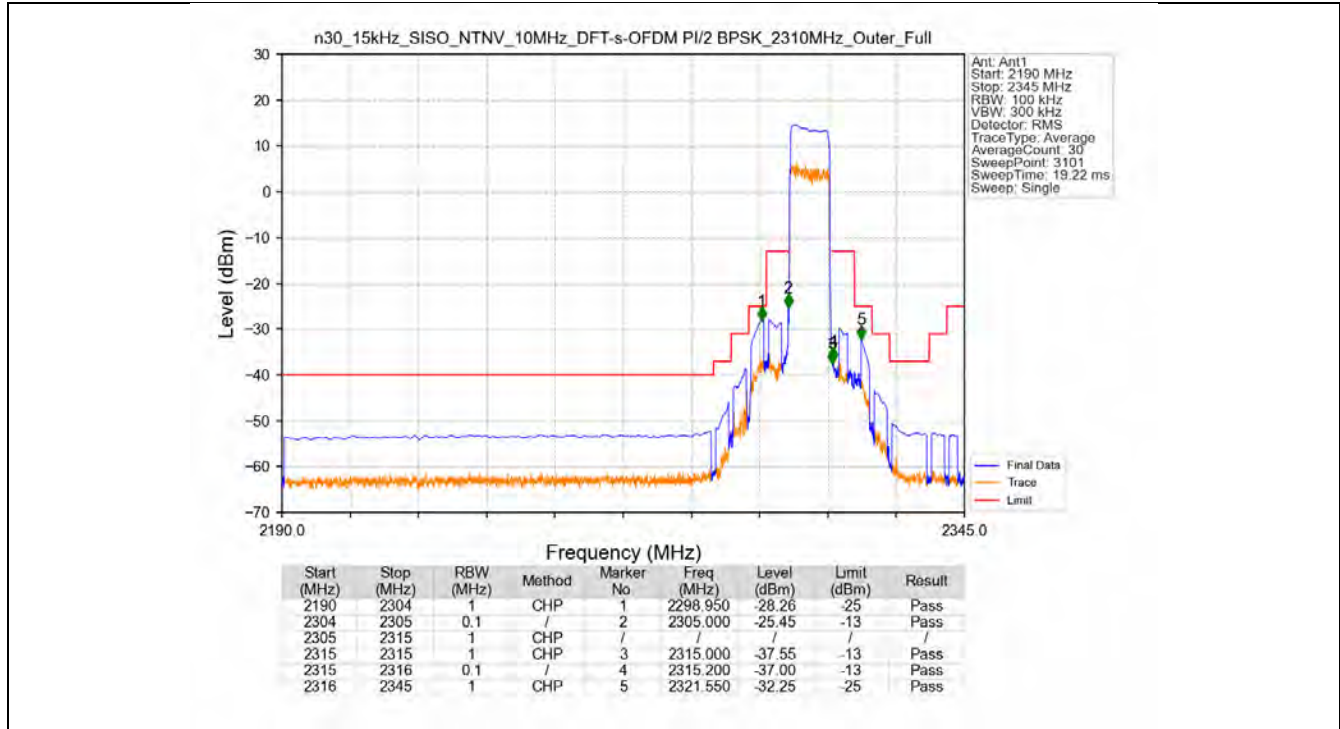


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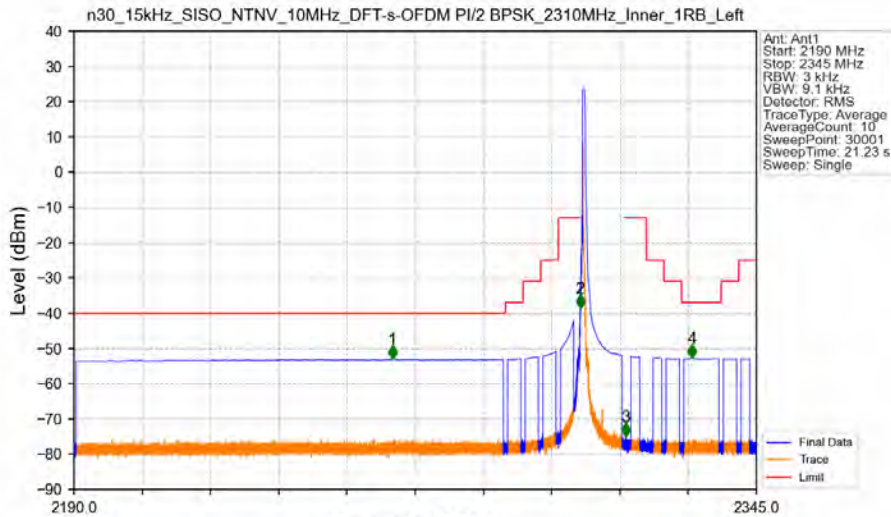
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	2262.359	-53.07	-40	Pass
2304	2305	0.003	/	2	2304.989	-38.70	-13	Pass
2305	2315	1	CHP	/	/	/	/	/
2315	2316	0.003	/	3	2315.256	-75.12	-13	Pass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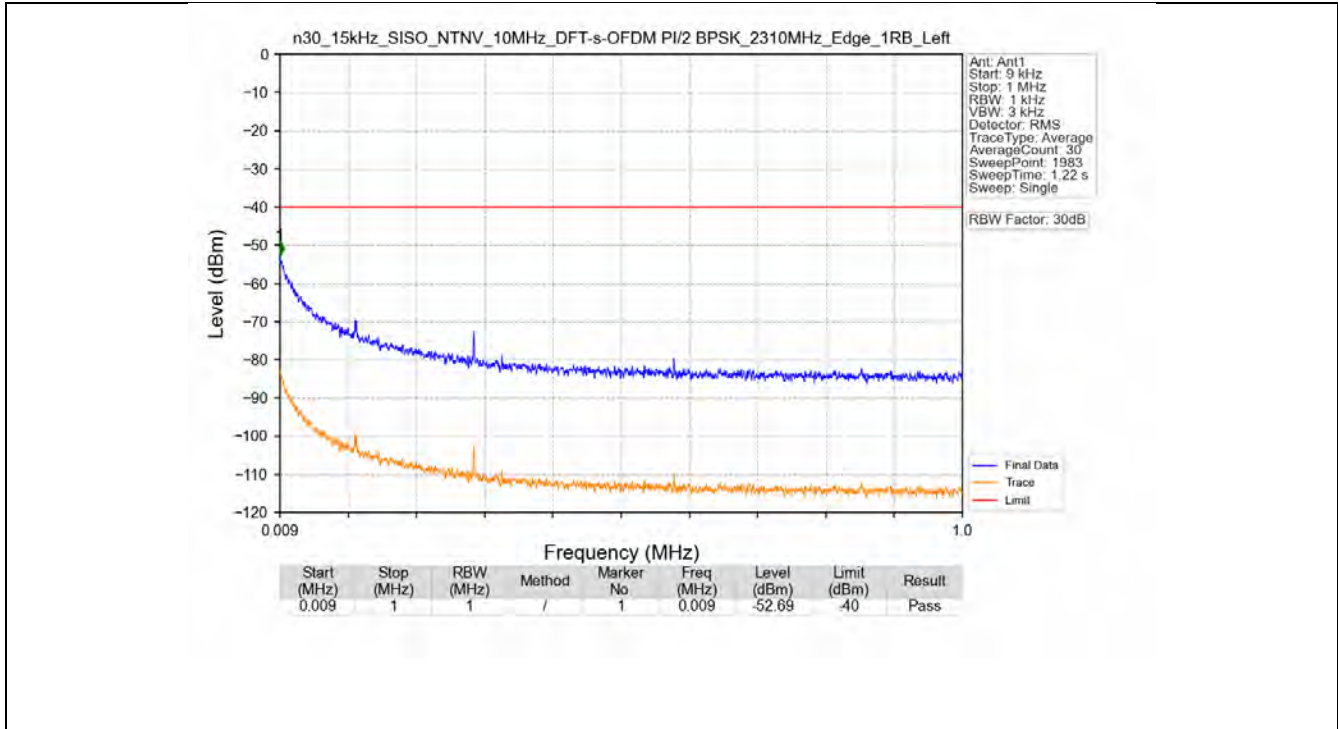


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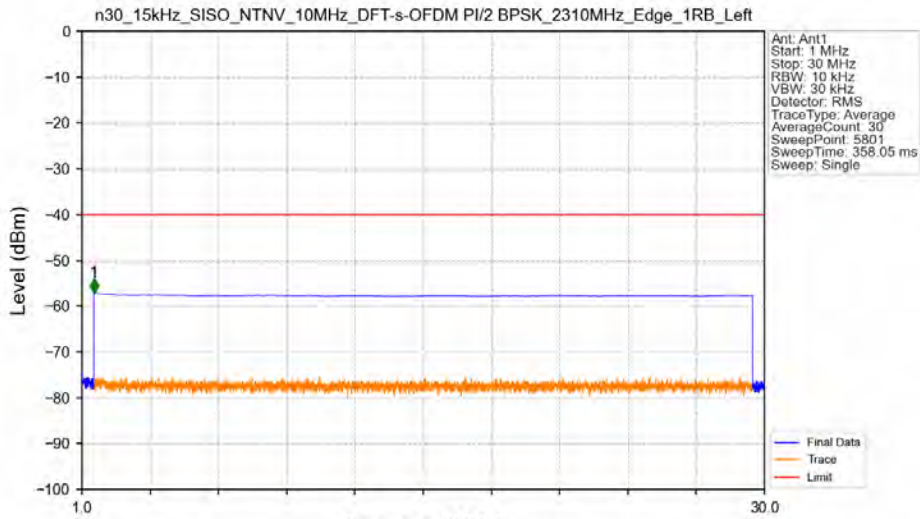
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n30\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_PI/2\_BPSK\_2310MHz\_Edge\_1RB\_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
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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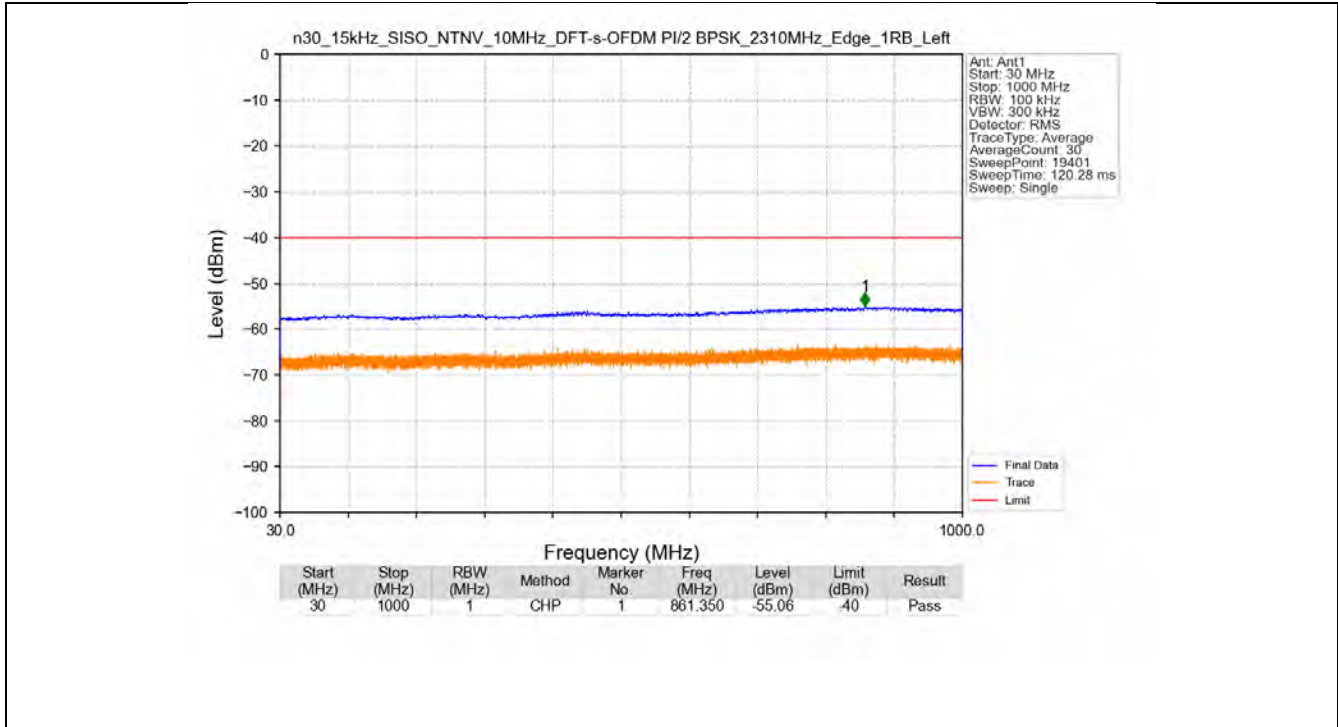


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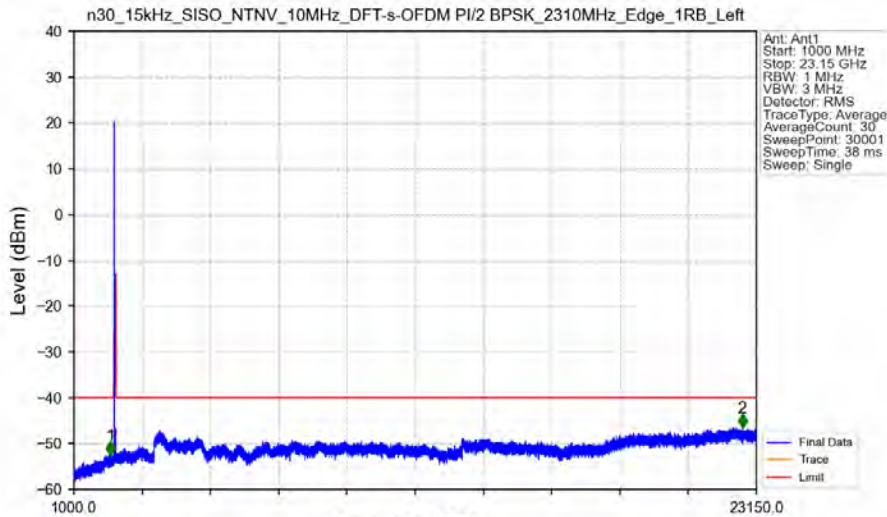
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n30\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_2310MHz\_Edge\_1RB\_Left



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

n30\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_2310MHz\_Edge\_1RB\_Right



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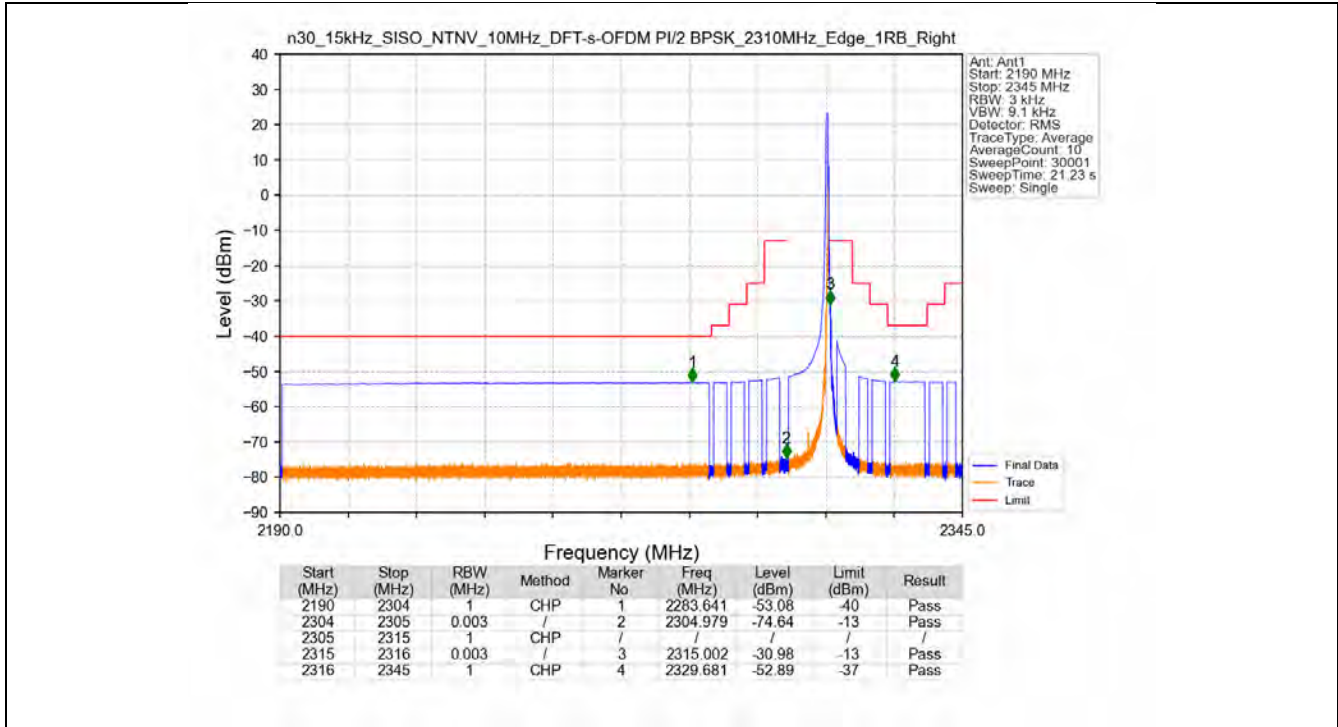


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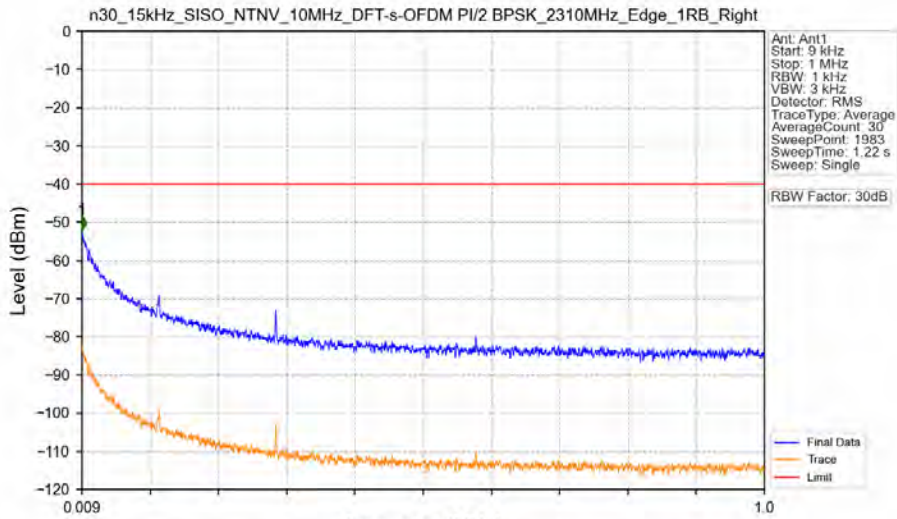
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n30\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_2310MHz\_Edge\_1RB\_Right



n30\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_2310MHz\_Edge\_1RB\_Right



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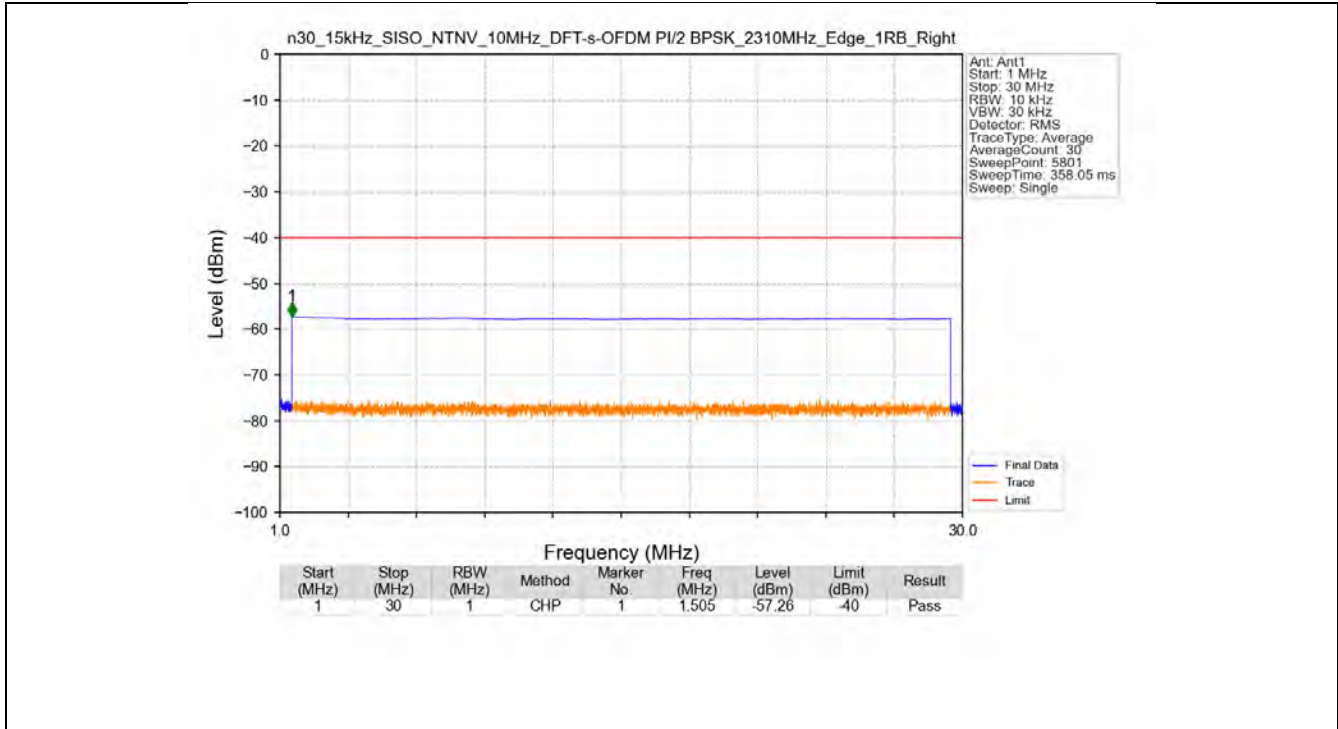


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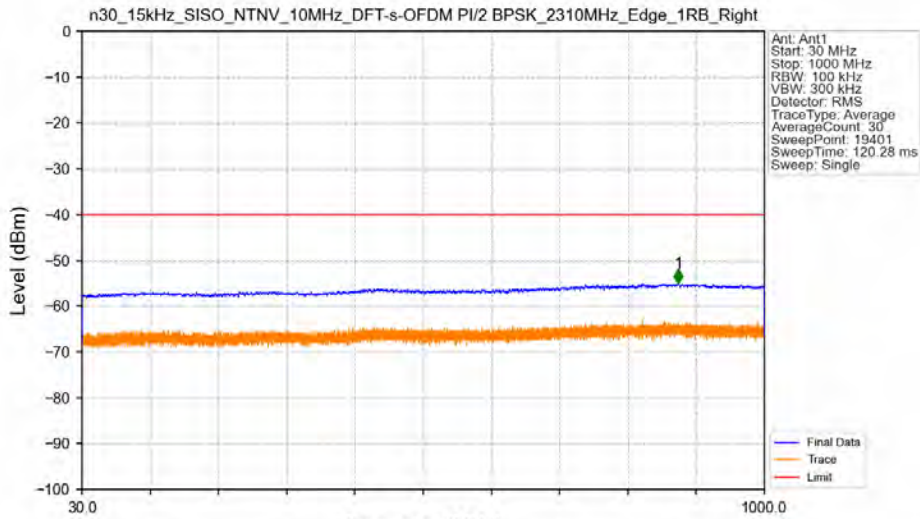
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n30\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_2310MHz\_Edge\_1RB\_Right



n30\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_2310MHz\_Edge\_1RB\_Right



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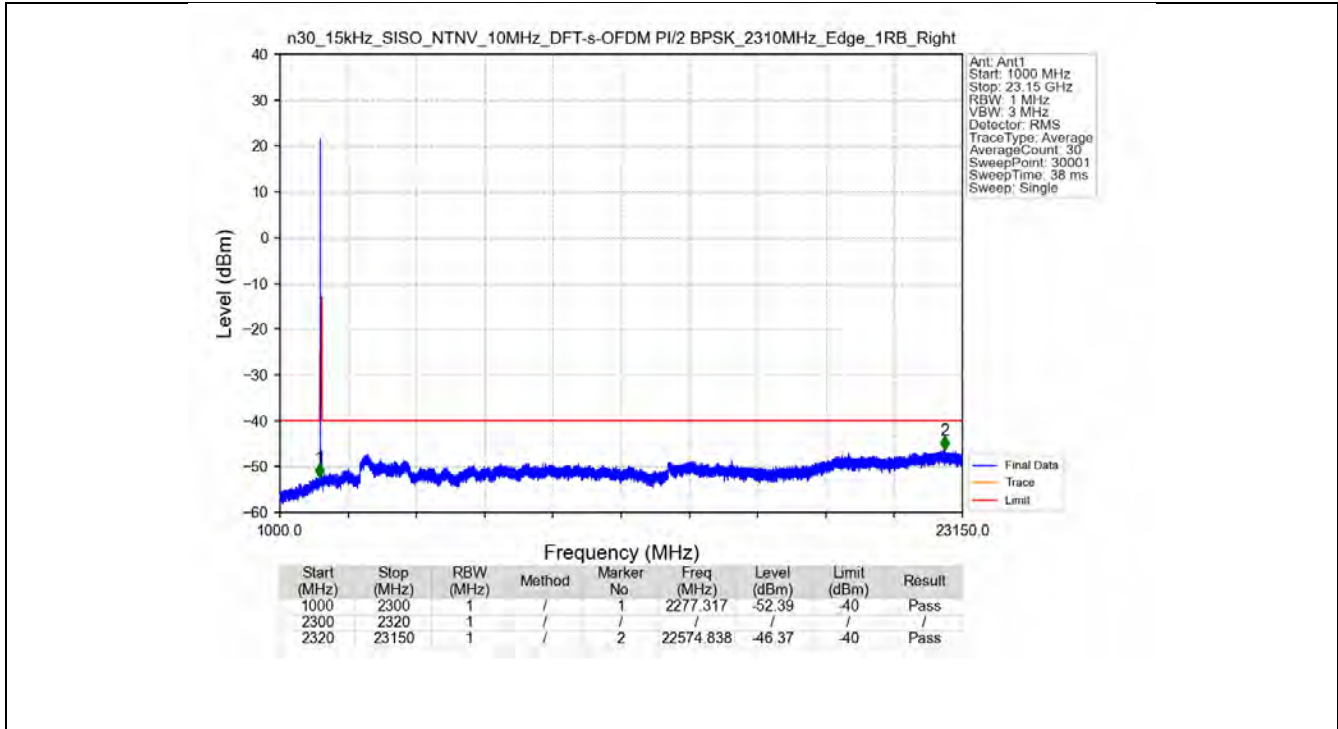


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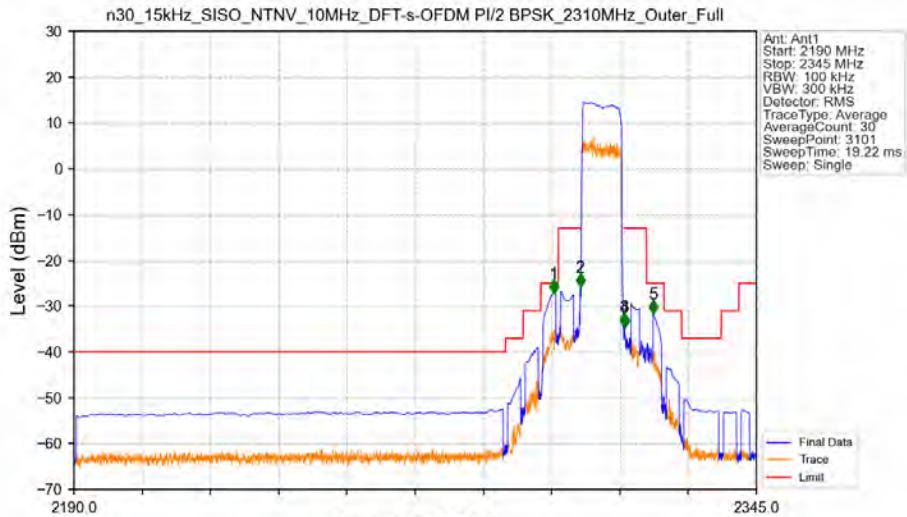
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n30\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_2310MHz\_Outer\_Full



n30\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_2310MHz\_Inner\_1RB\_Right



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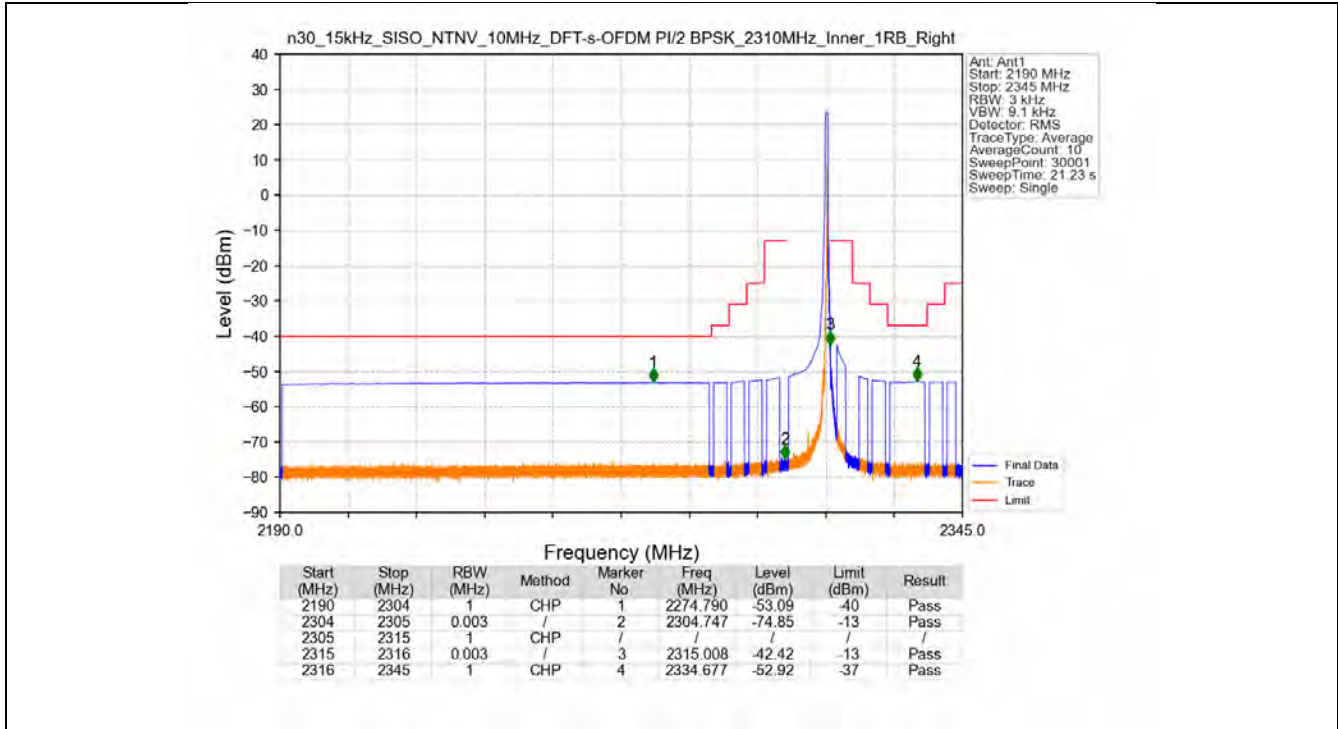


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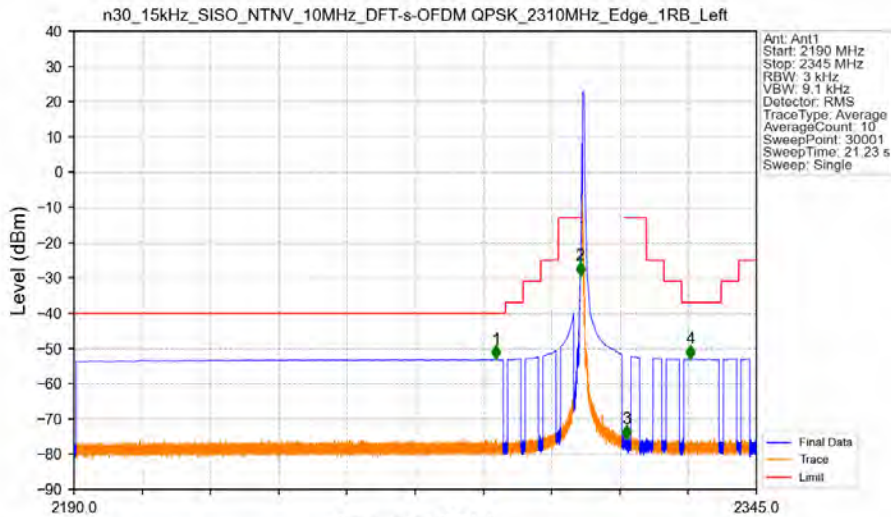
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n30\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_2310MHz\_Edge\_1RB\_Left



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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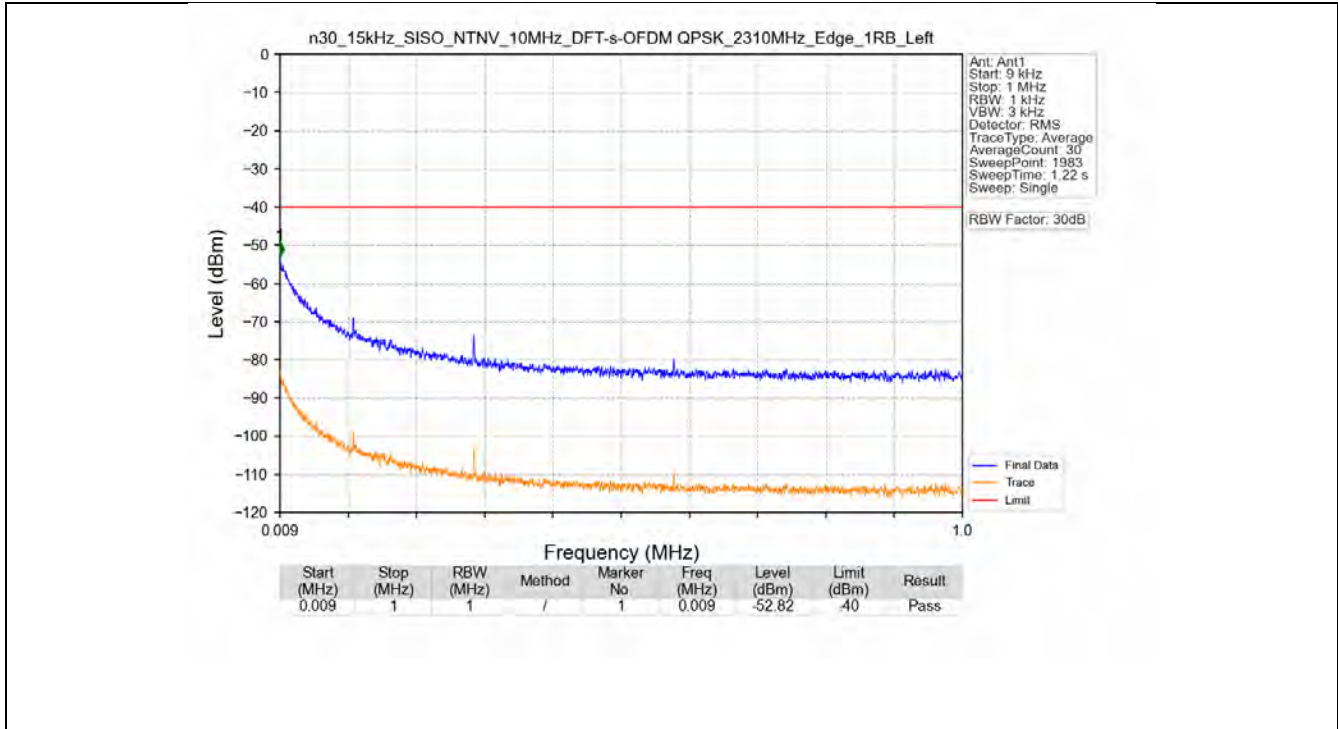


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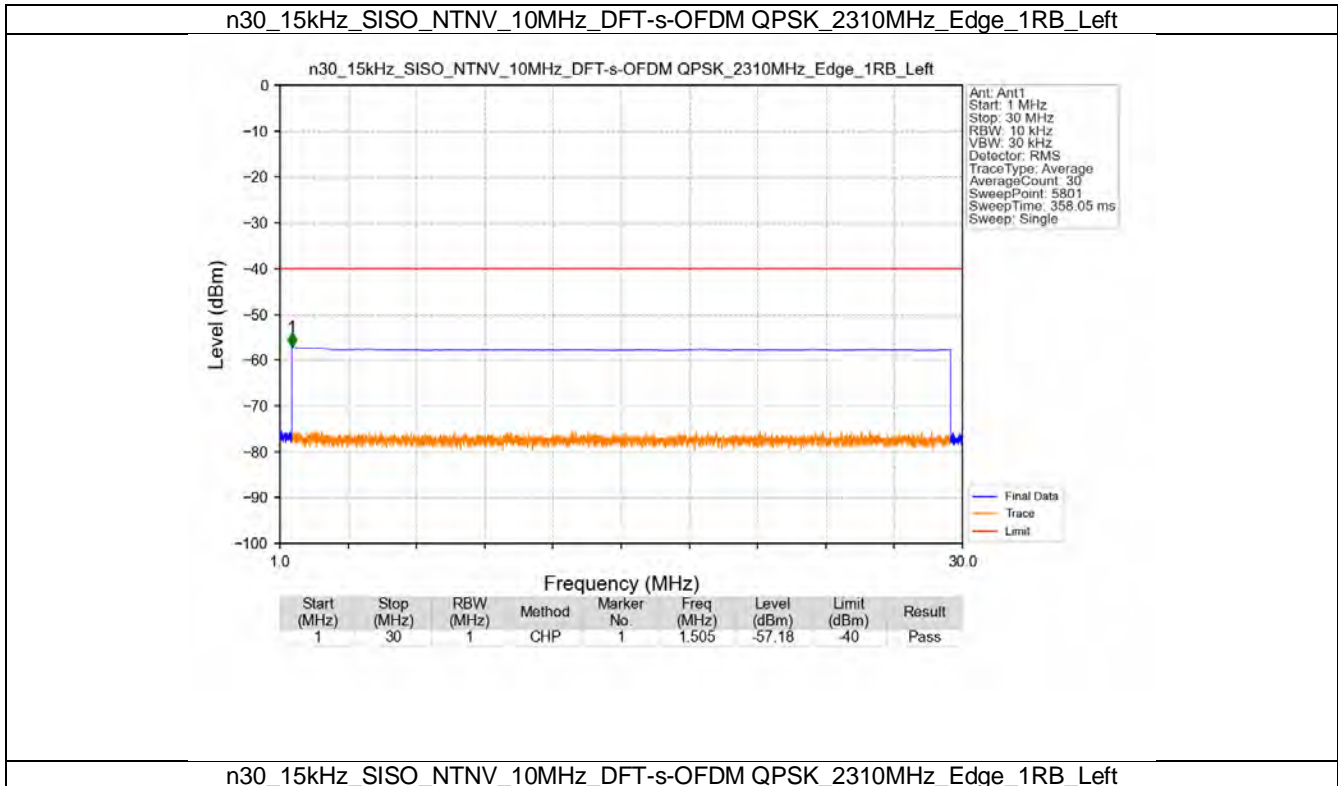


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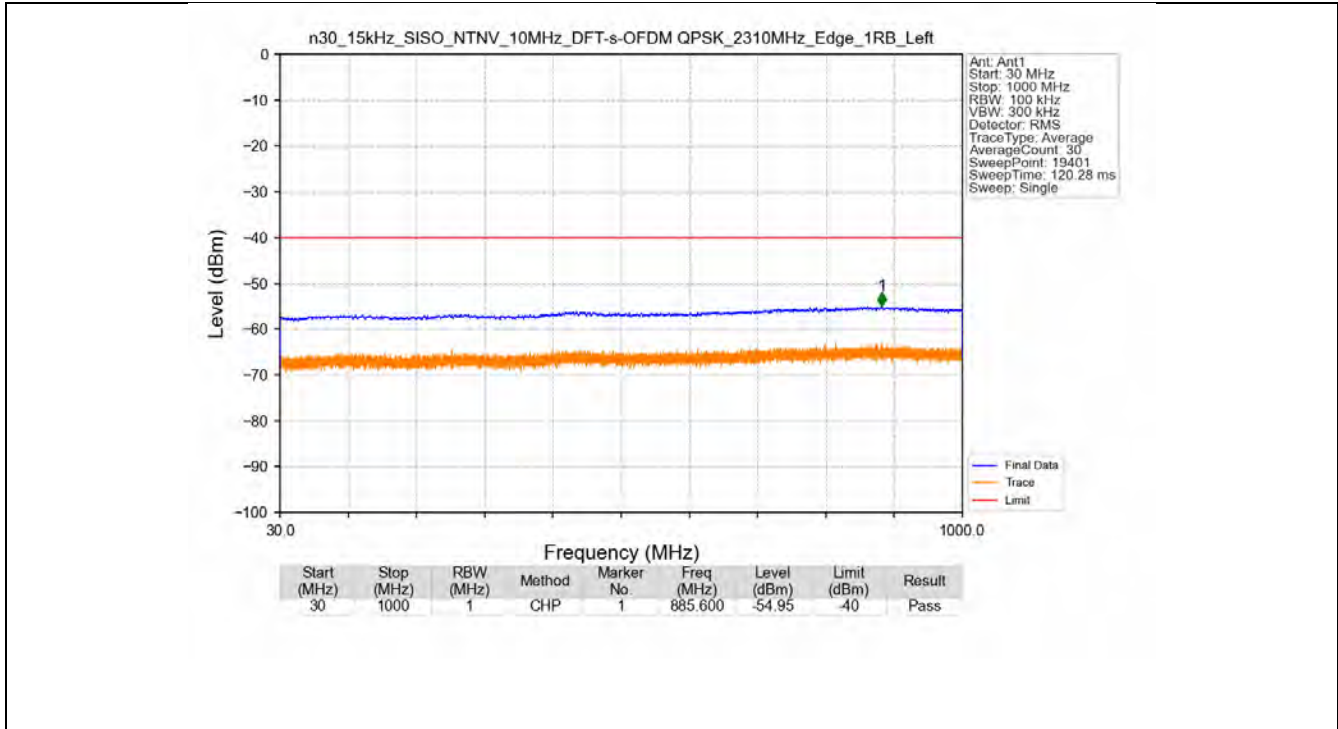


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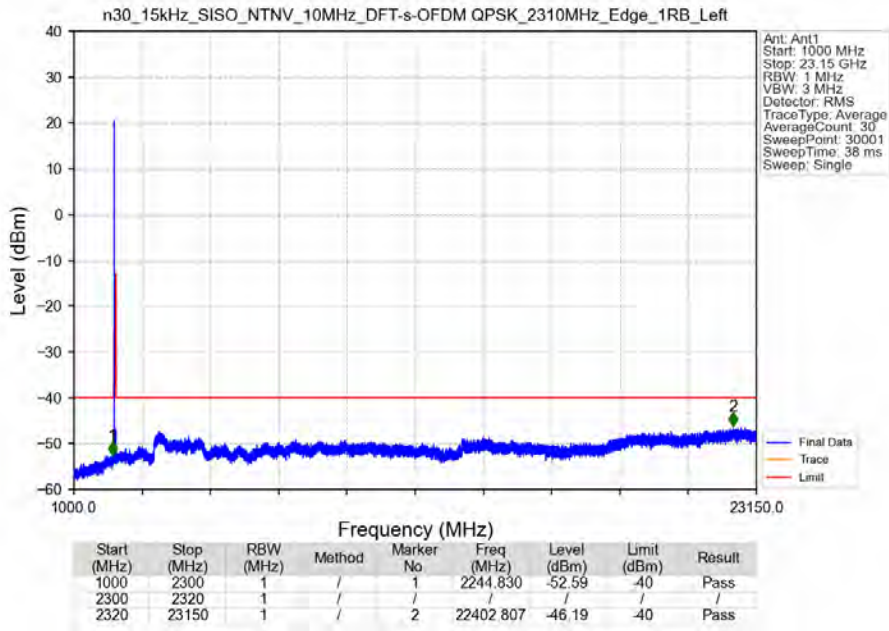
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n30\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_2310MHz\_Edge\_1RB\_Left



n30\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_2310MHz\_Outer\_Full



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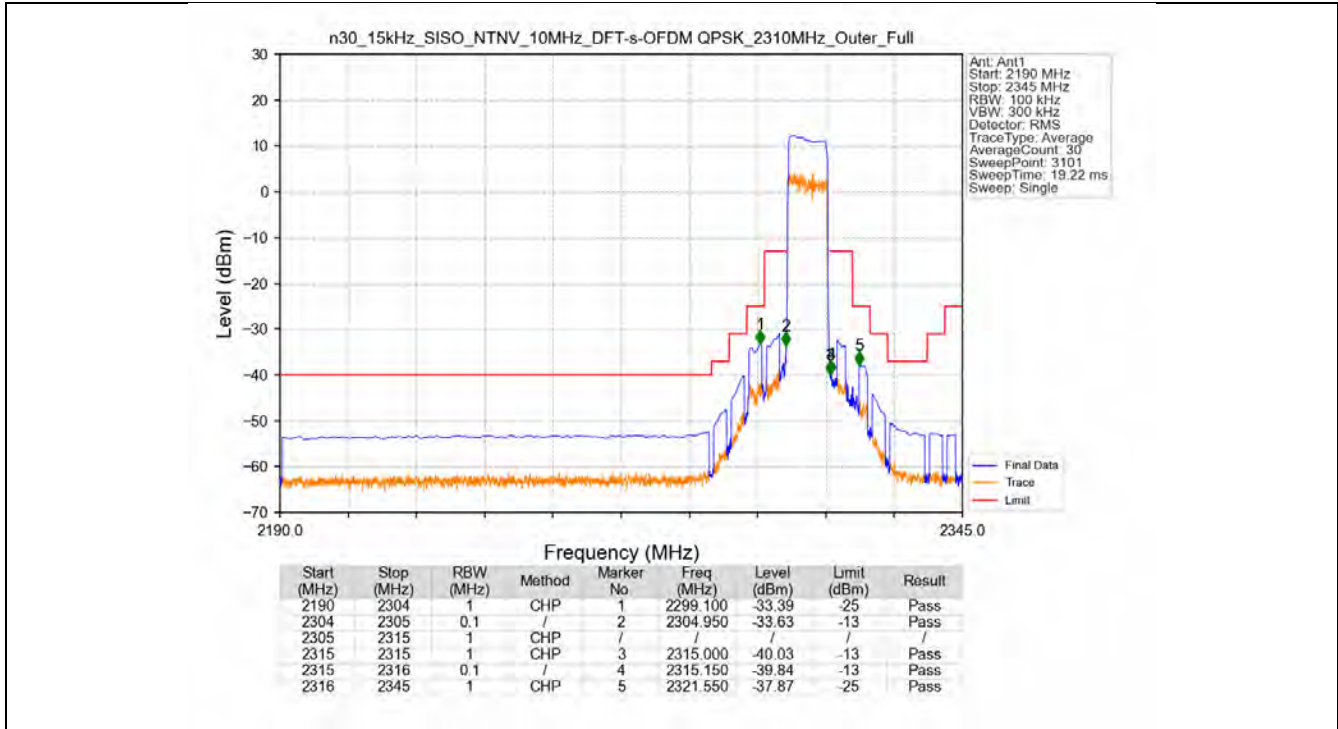


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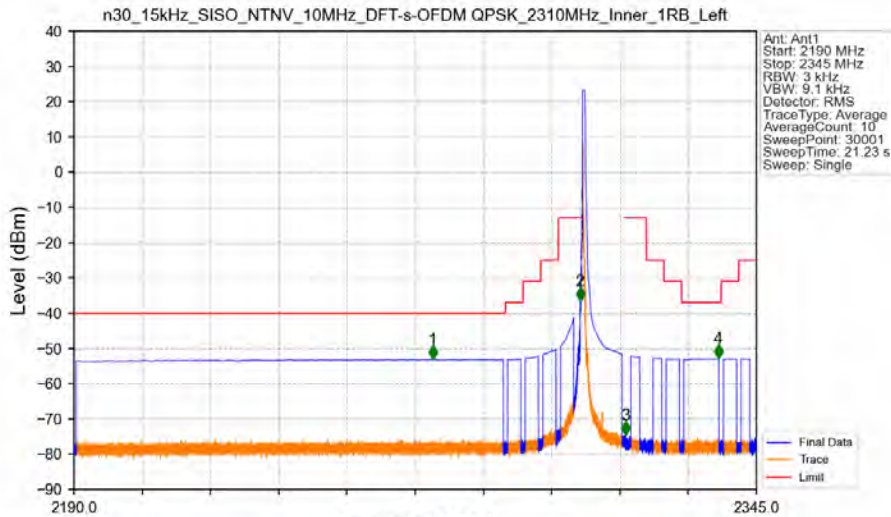
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n30\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_2310MHz\_Inner\_1RB\_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2304	1	CHP	1	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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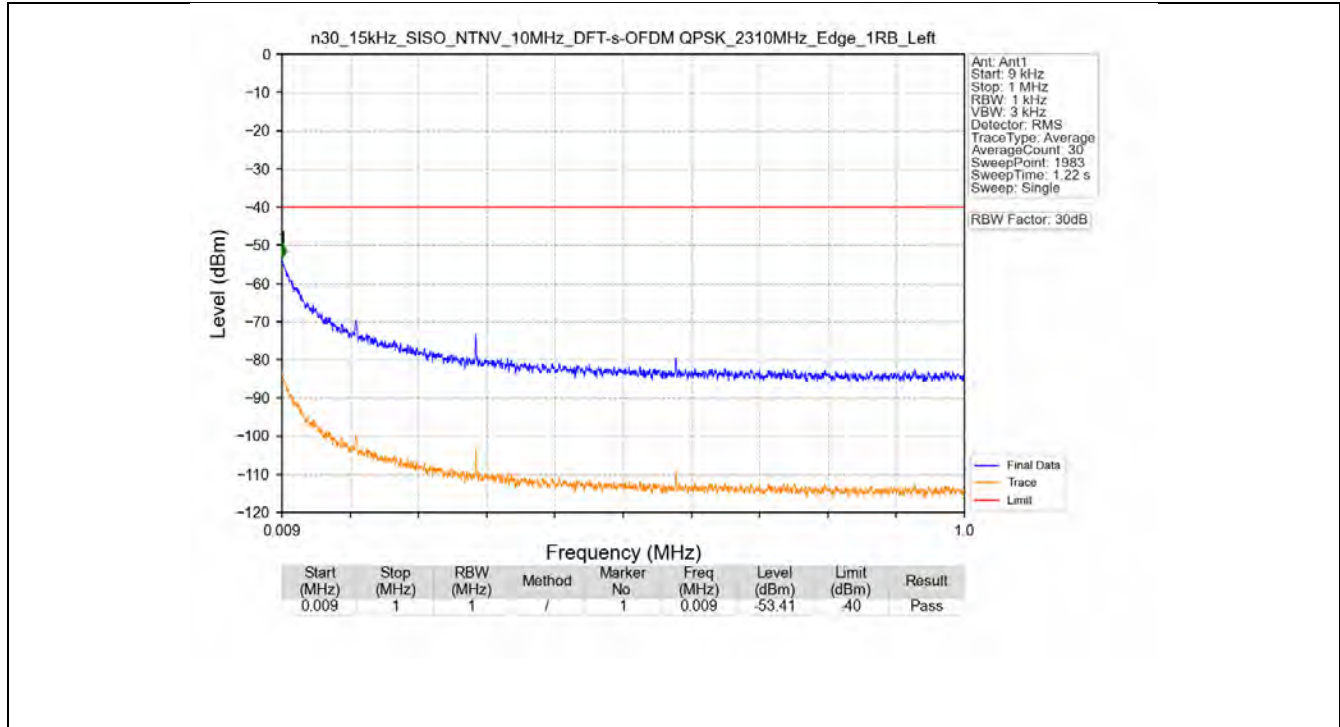


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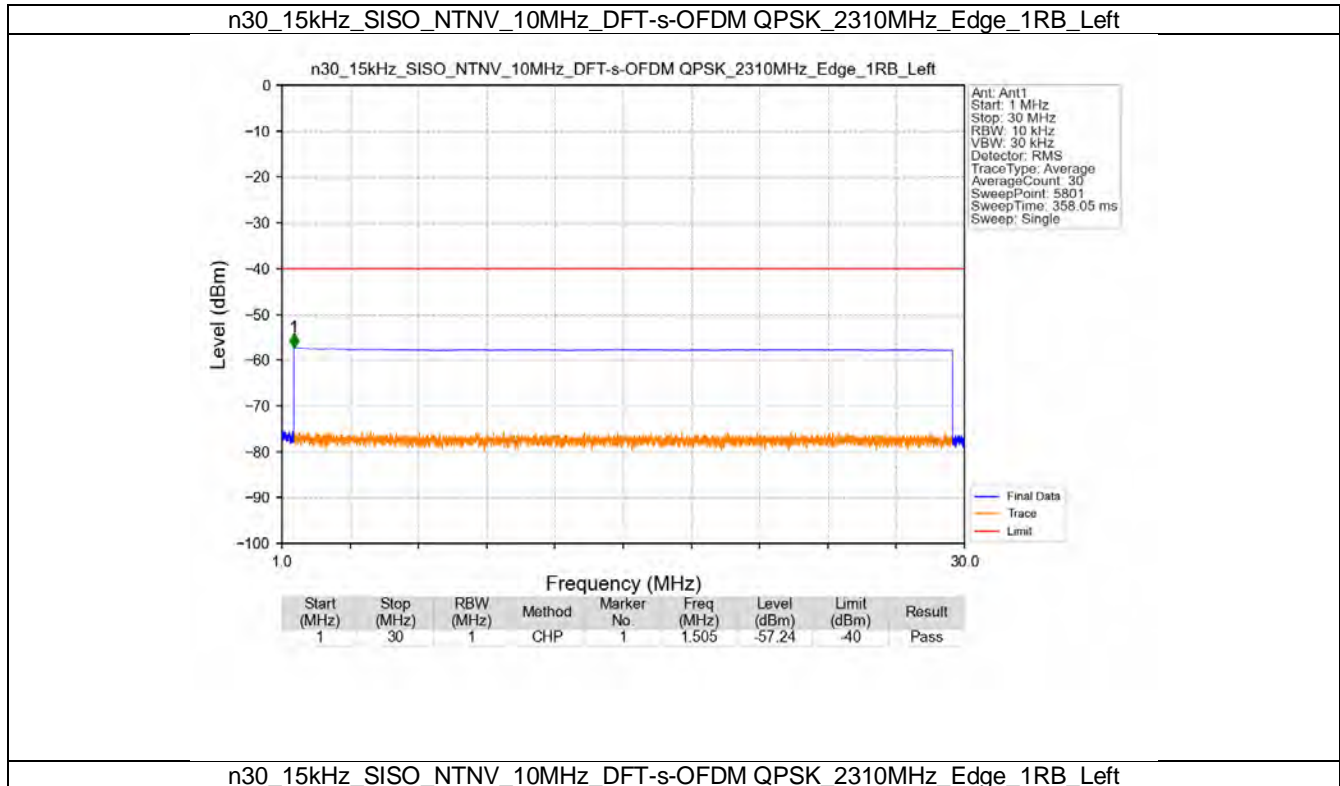


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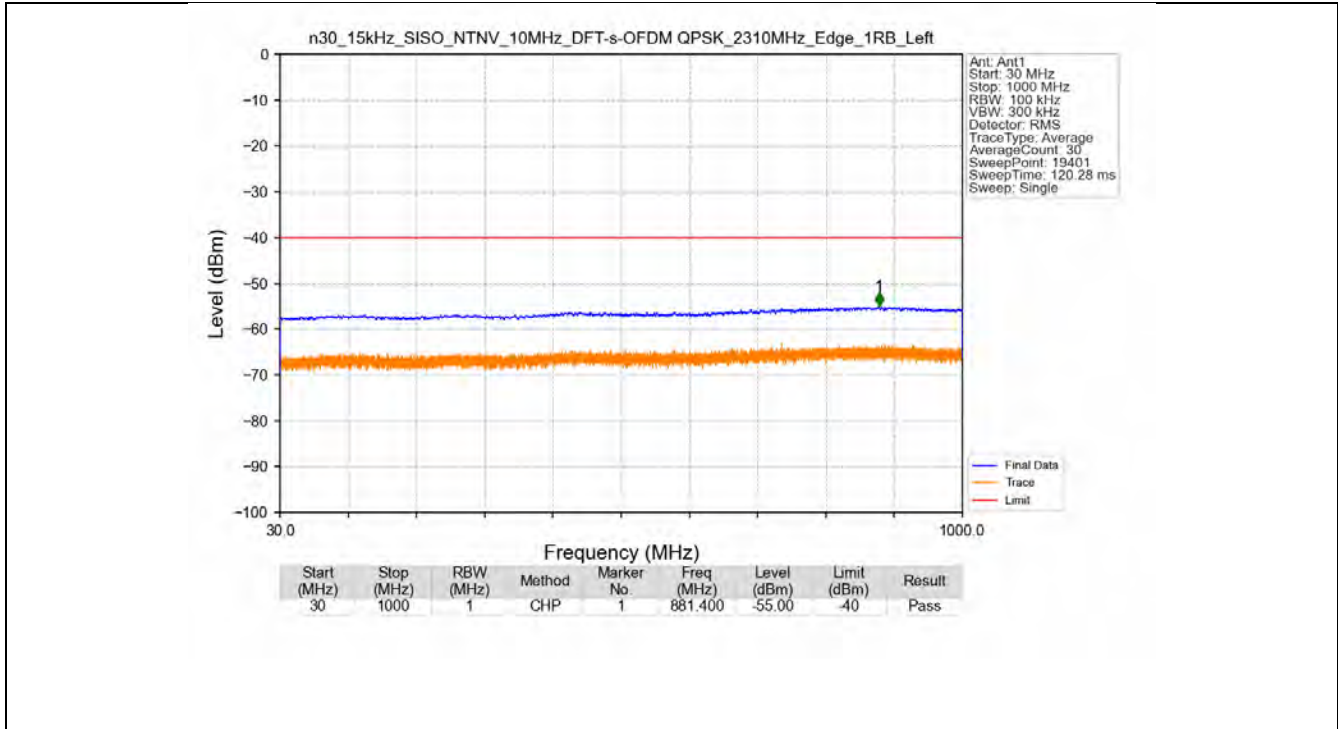


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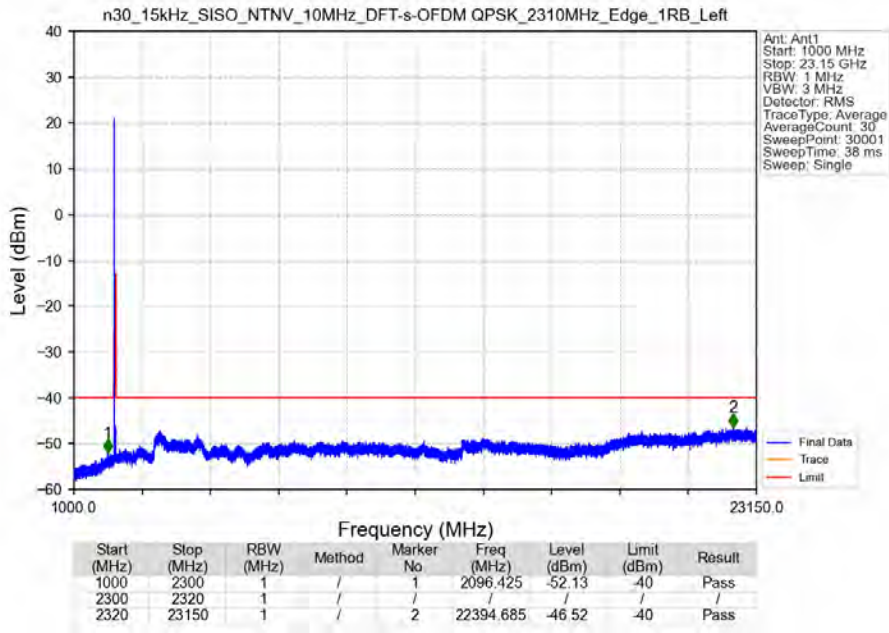
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n30\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_2310MHz\_Edge\_1RB\_Left



n30\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_2310MHz\_Edge\_1RB\_Right



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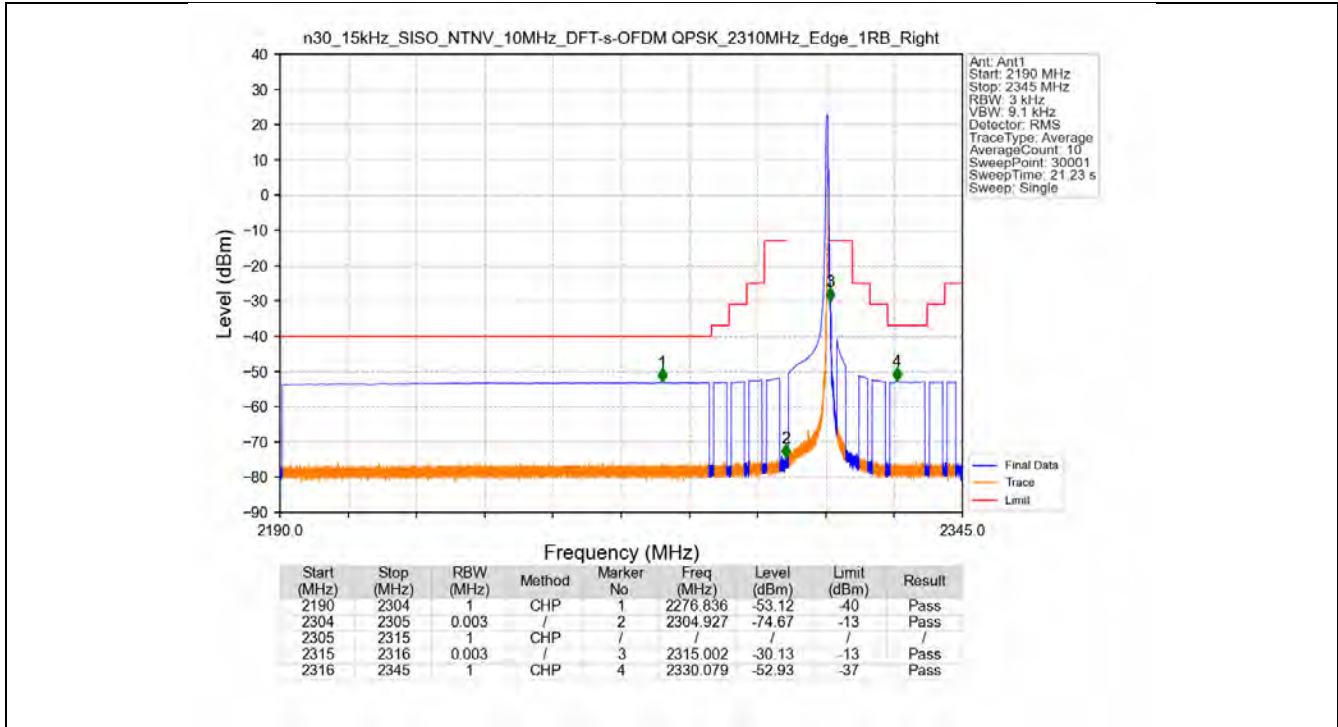


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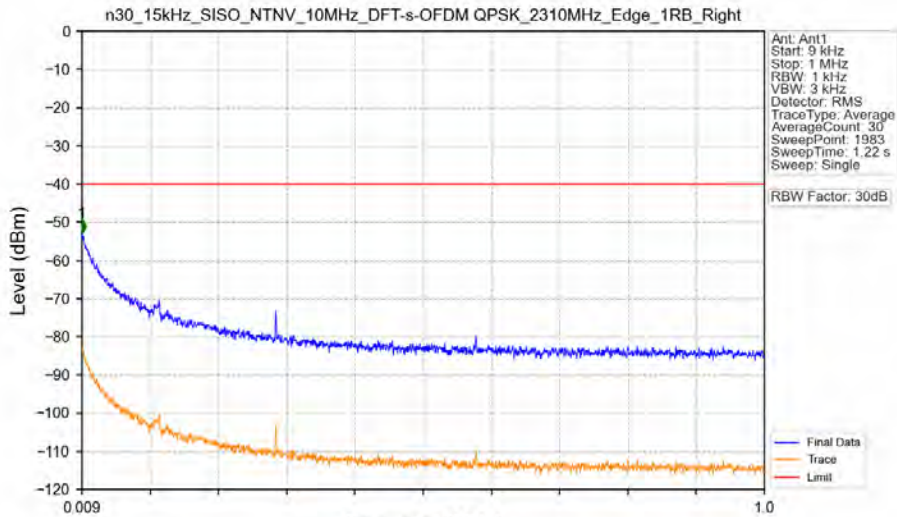
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n30\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_2310MHz\_Edge\_1RB\_Right



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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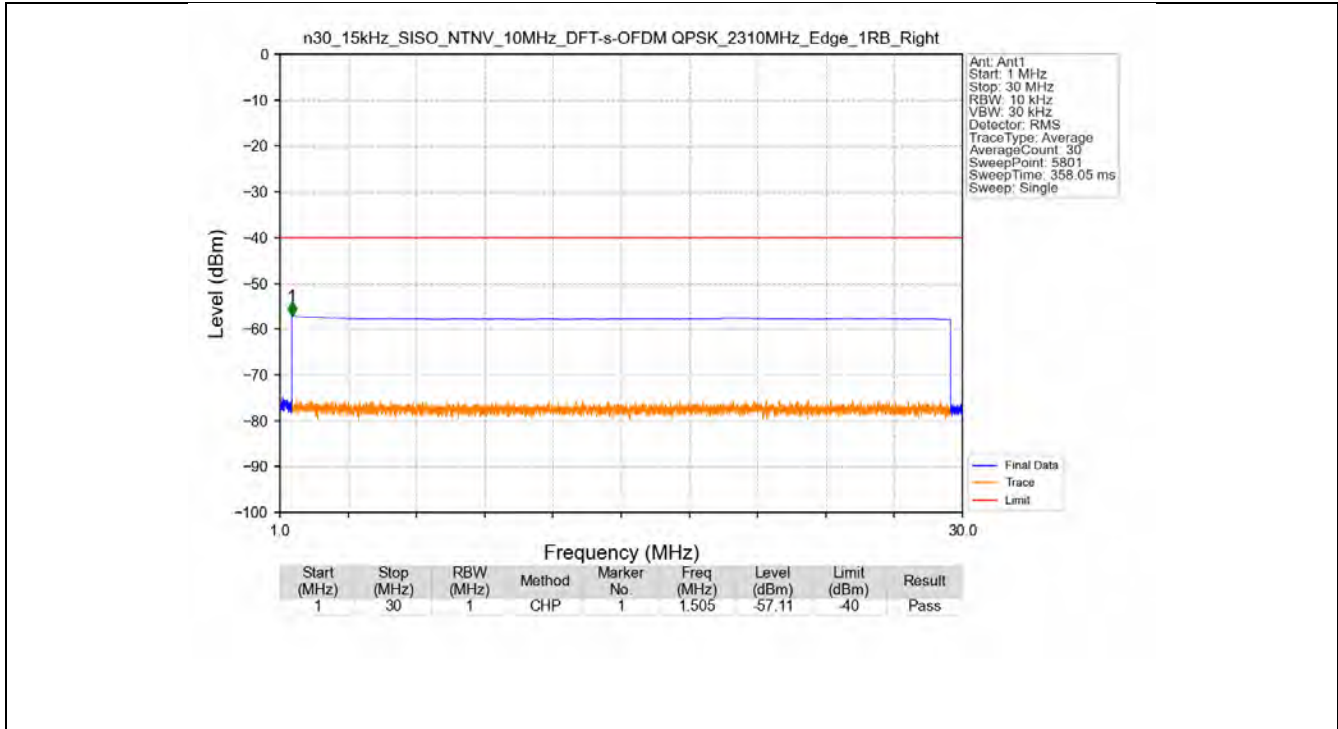


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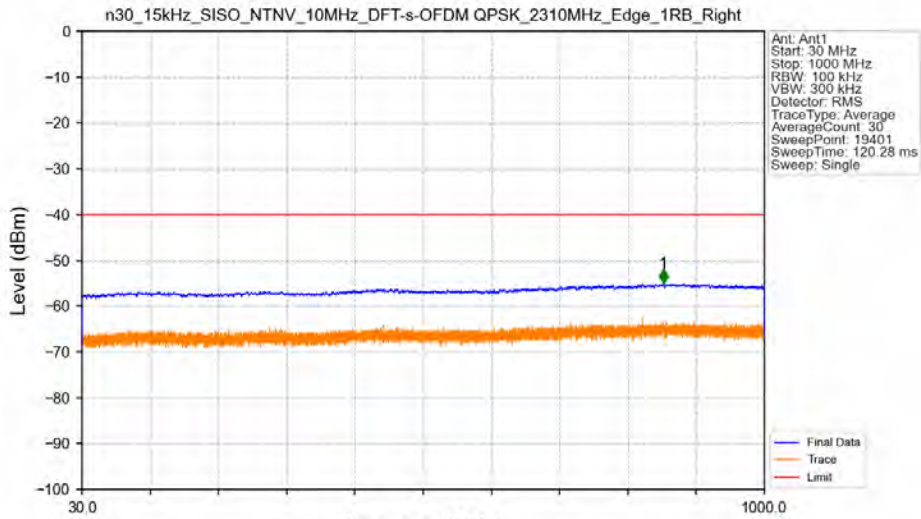
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n30\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_2310MHz\_Edge\_1RB\_Right



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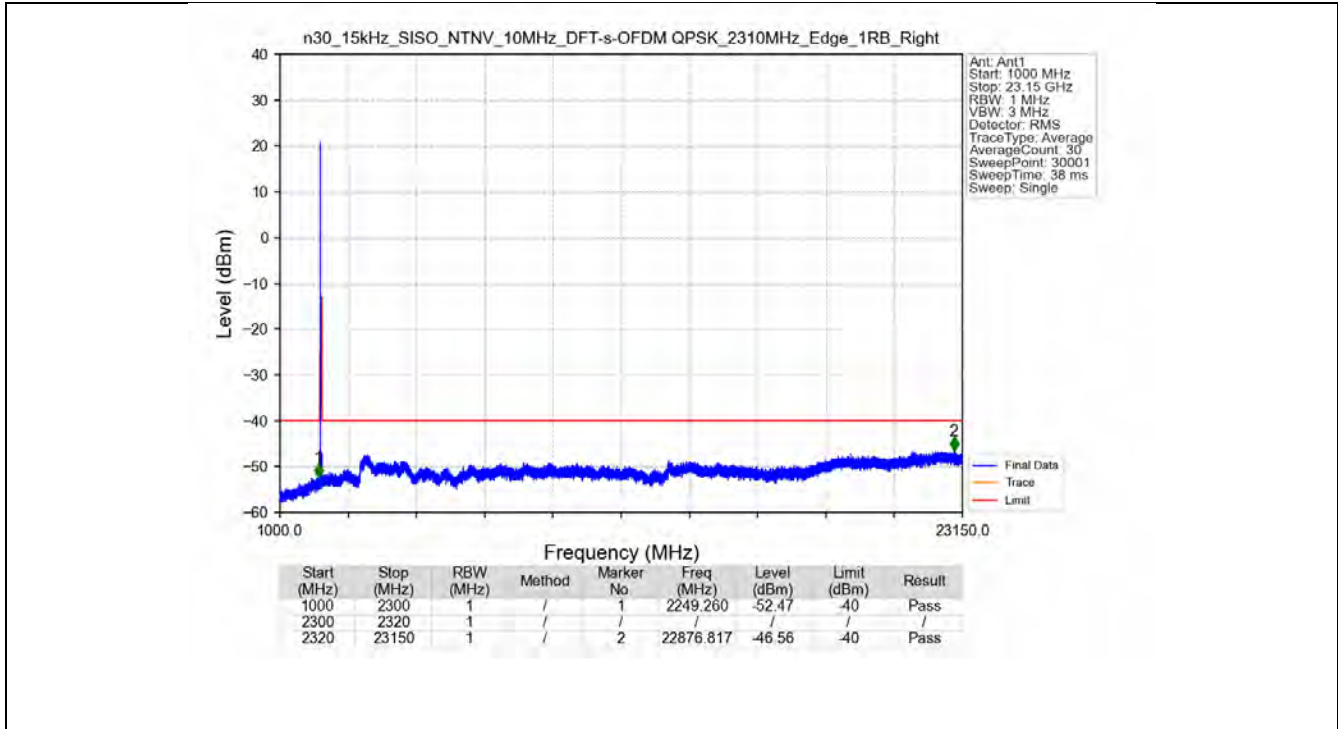


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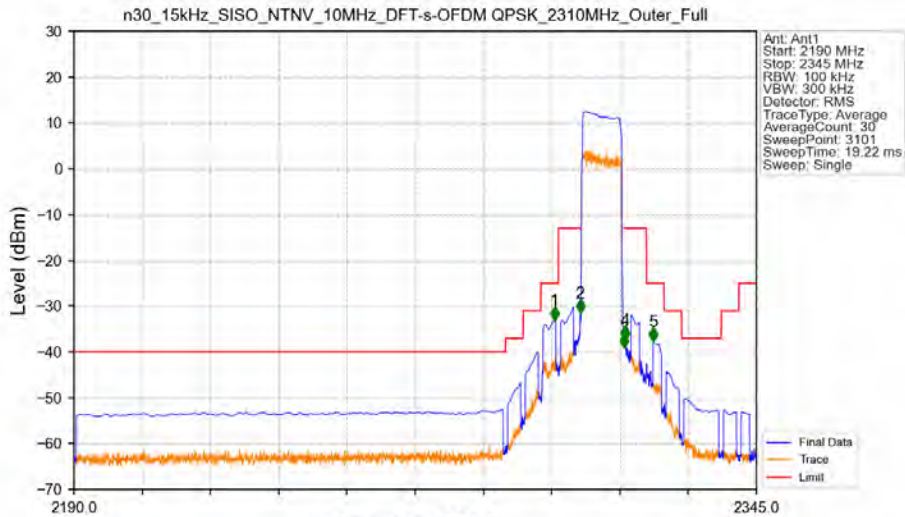
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n30\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_2310MHz\_Outer\_Full



n30\_15kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_2310MHz\_Inner\_1RB\_Right



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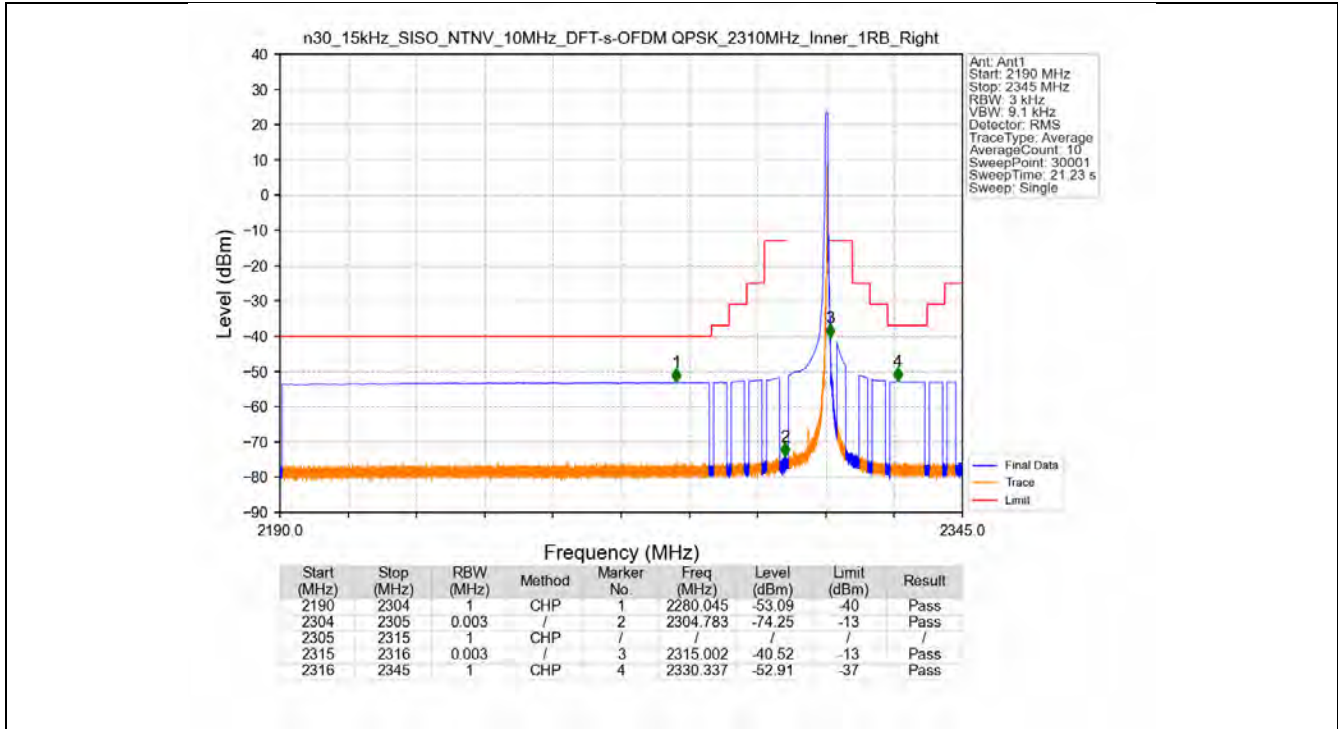


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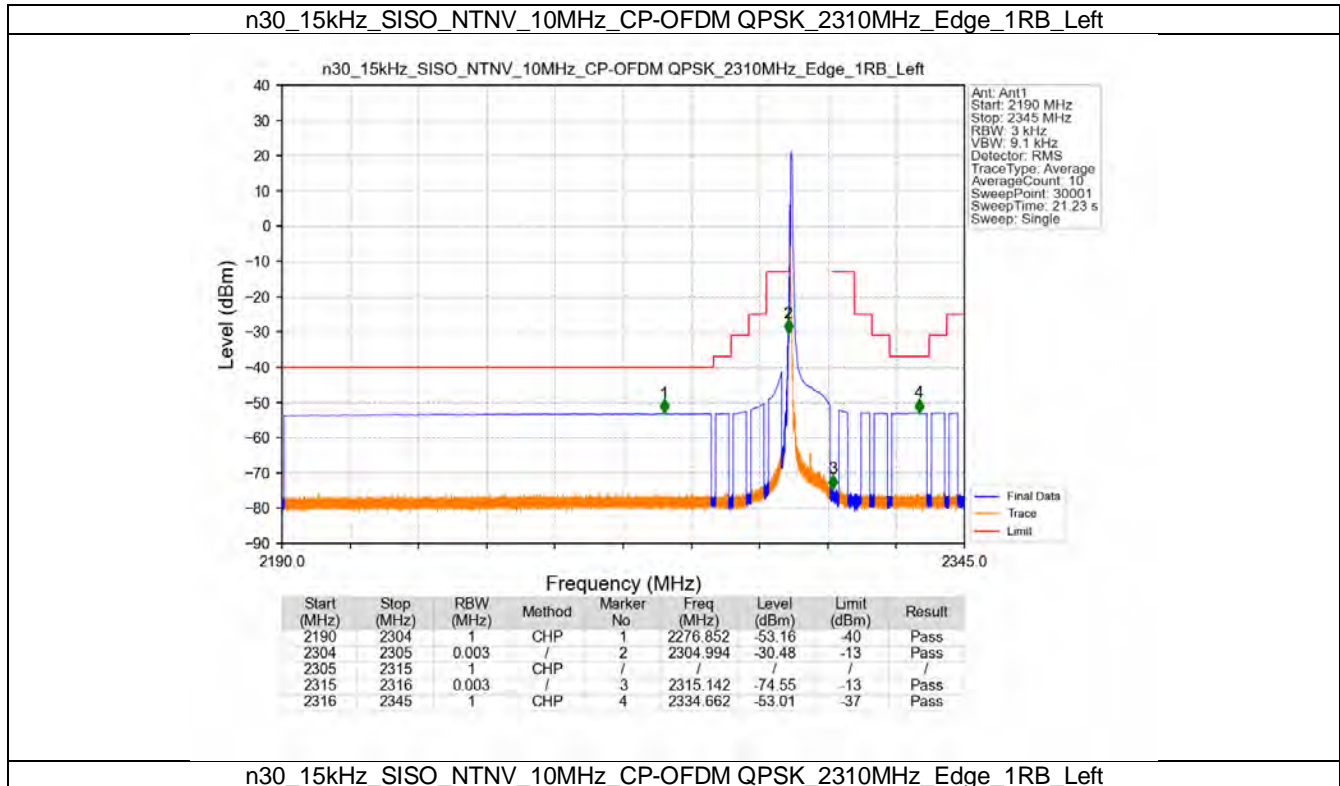


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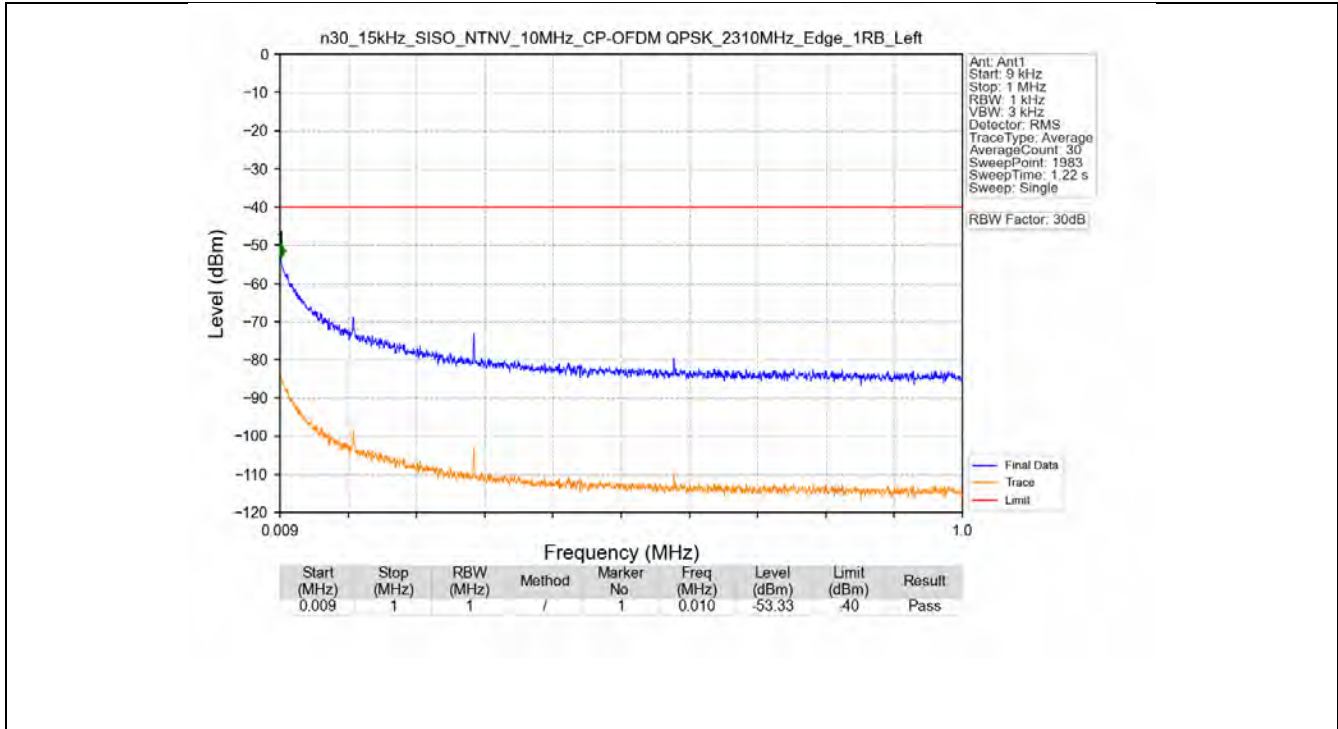


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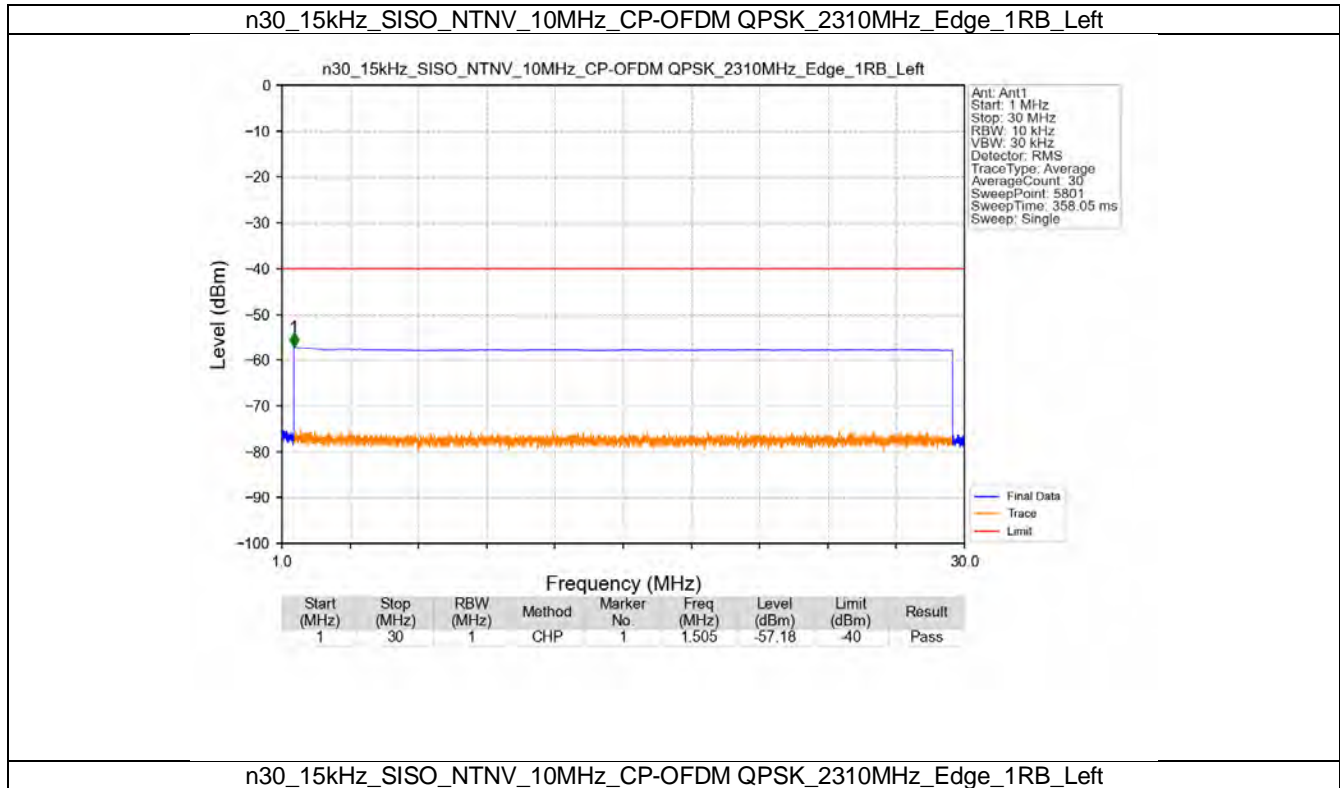


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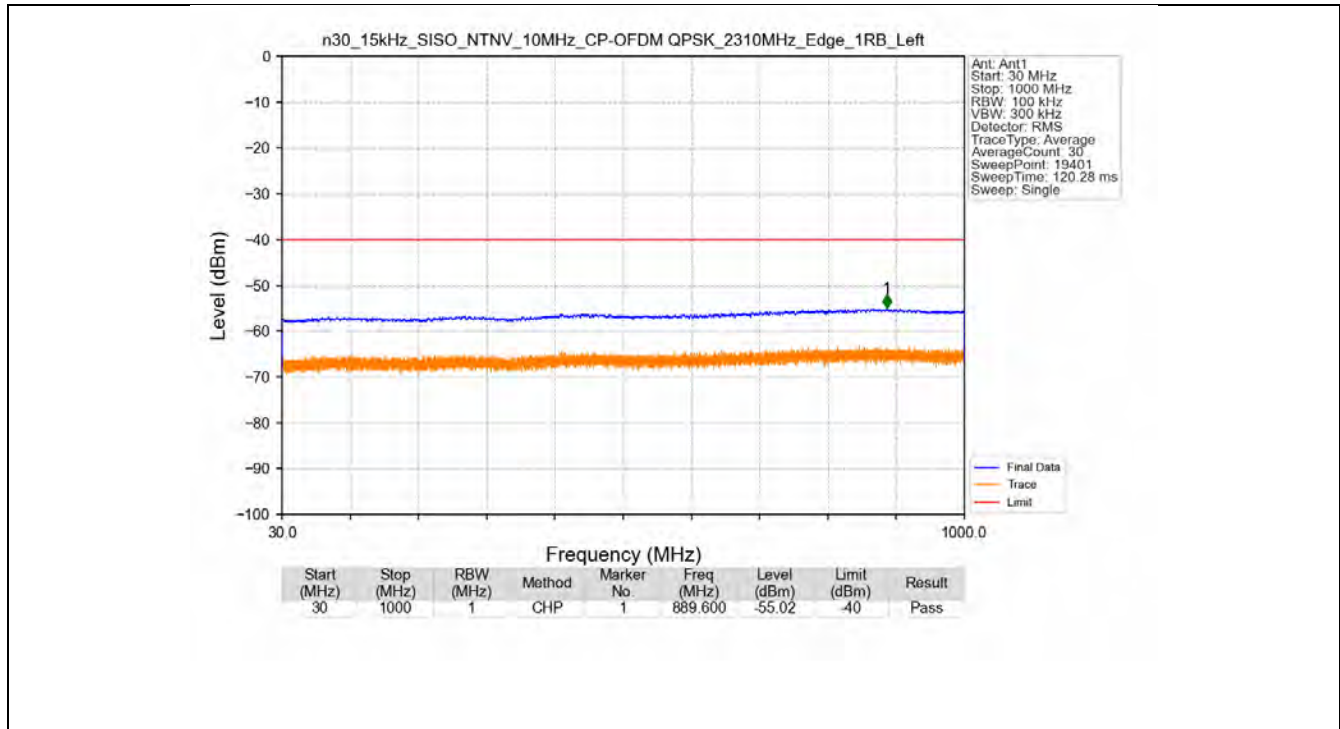


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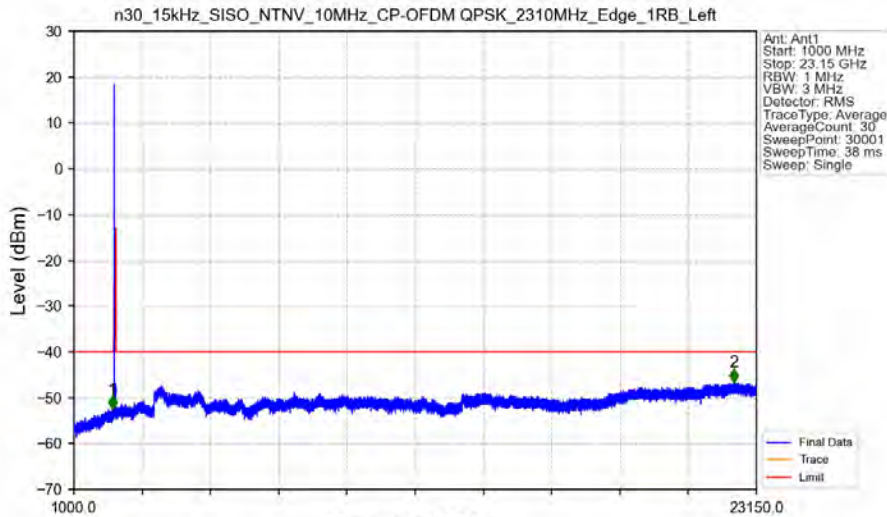
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n30\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_2310MHz\_Edge\_1RB\_Left



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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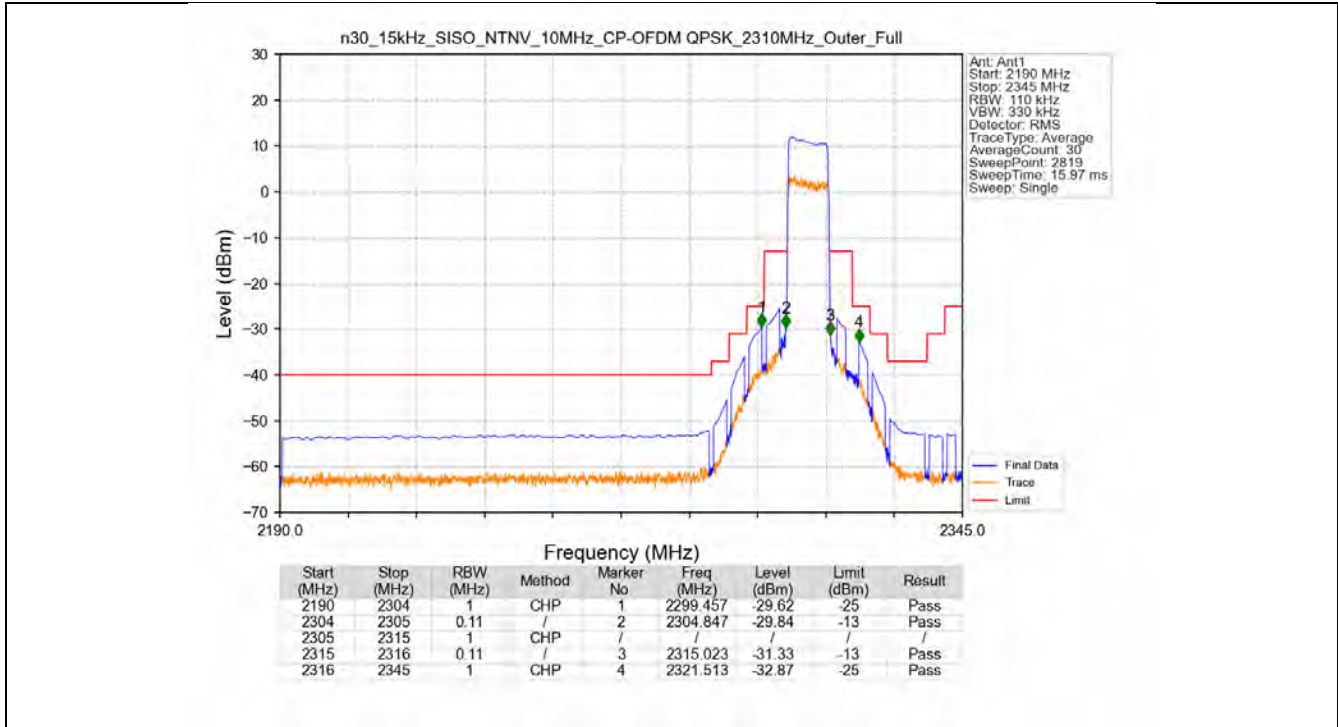


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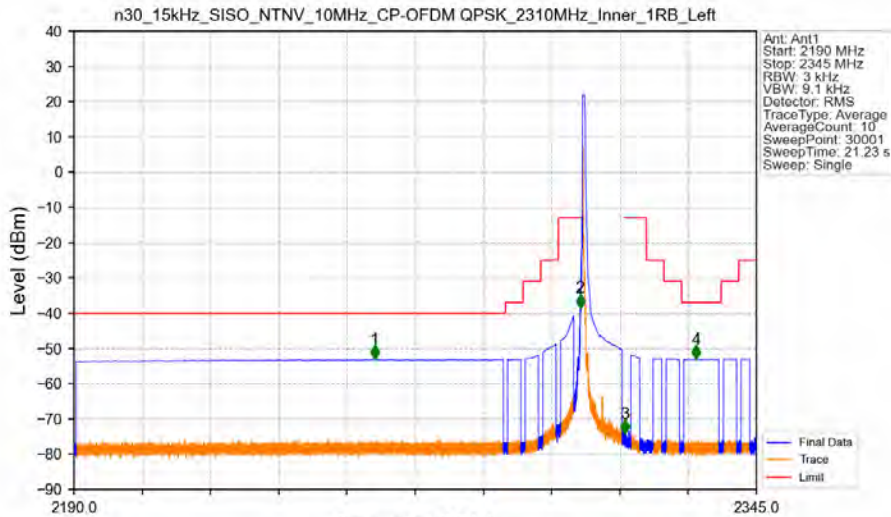
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n30\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_2310MHz\_Inner\_1RB\_Left



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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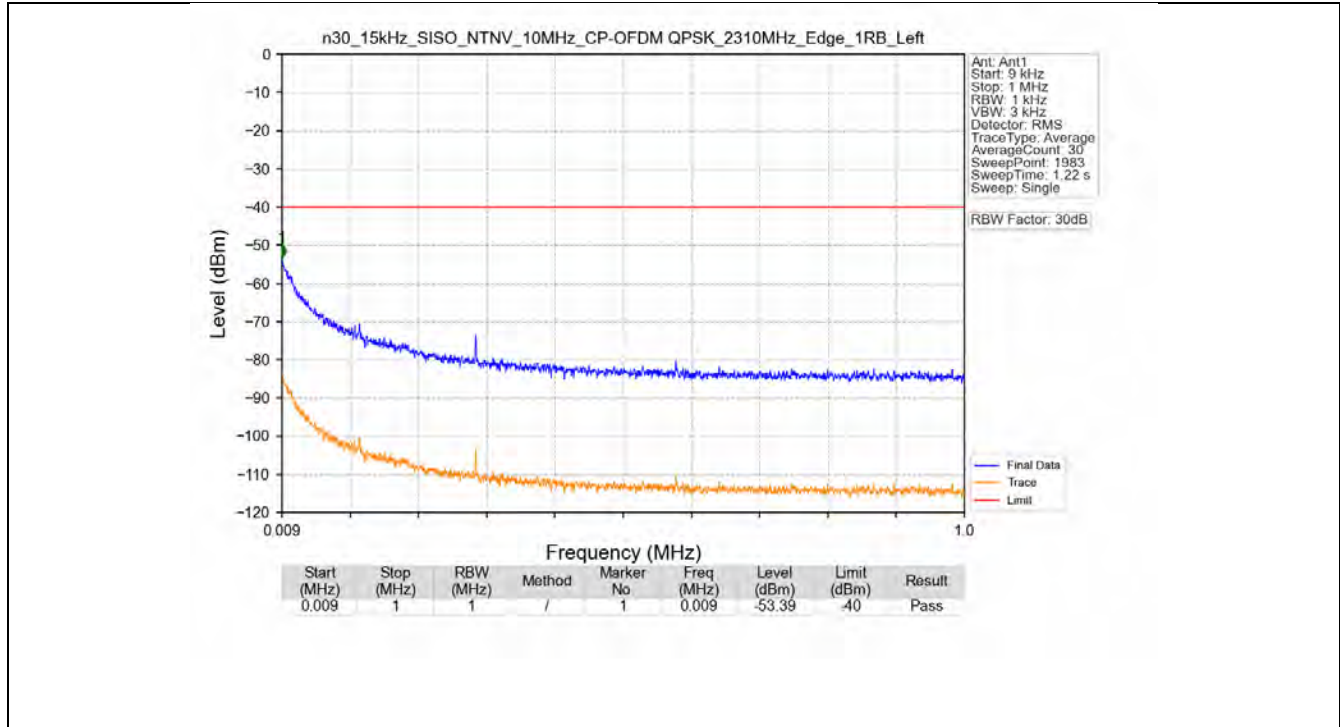


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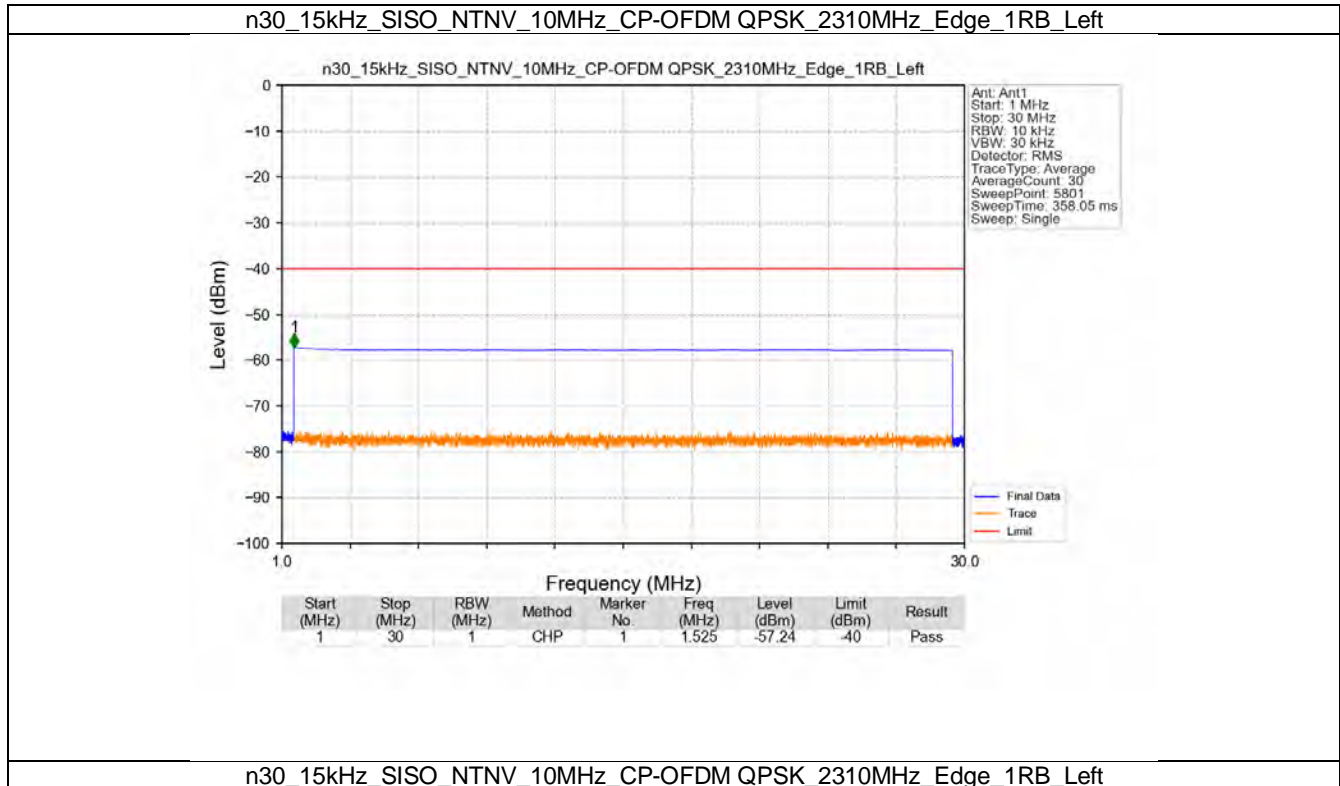


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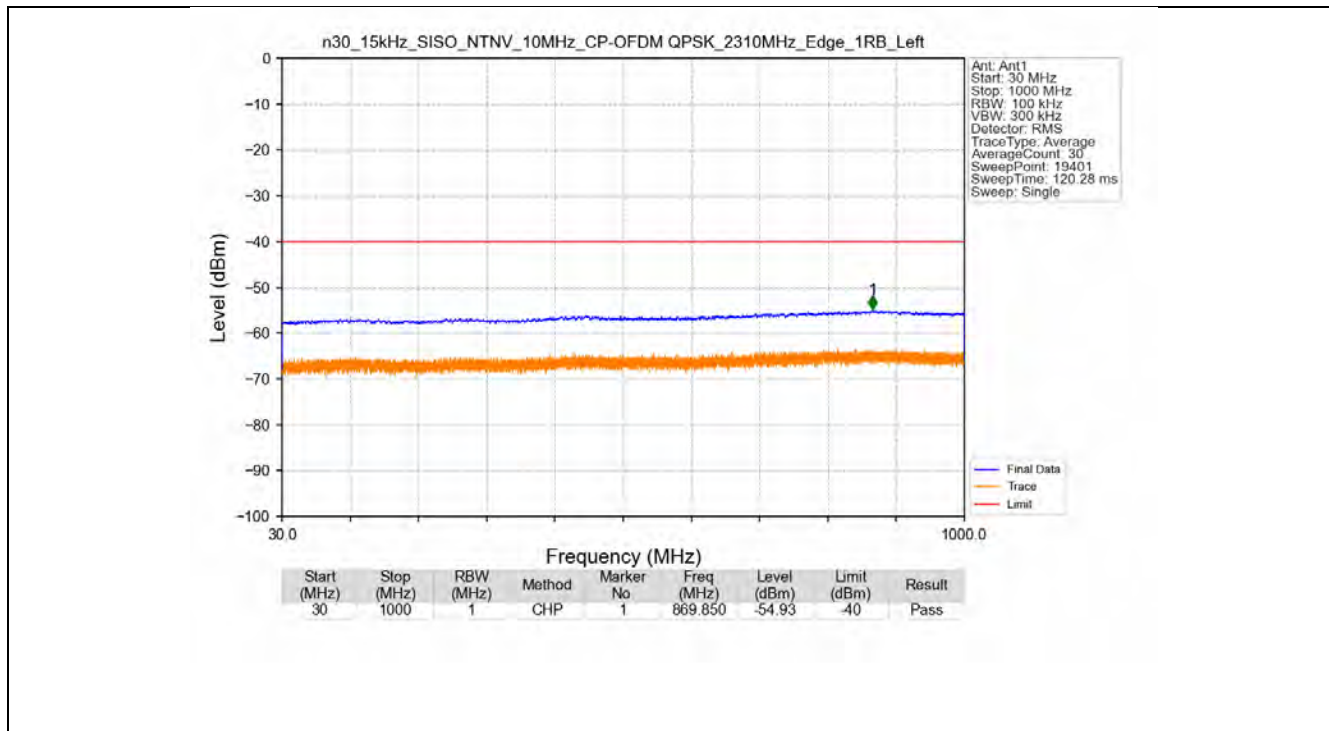
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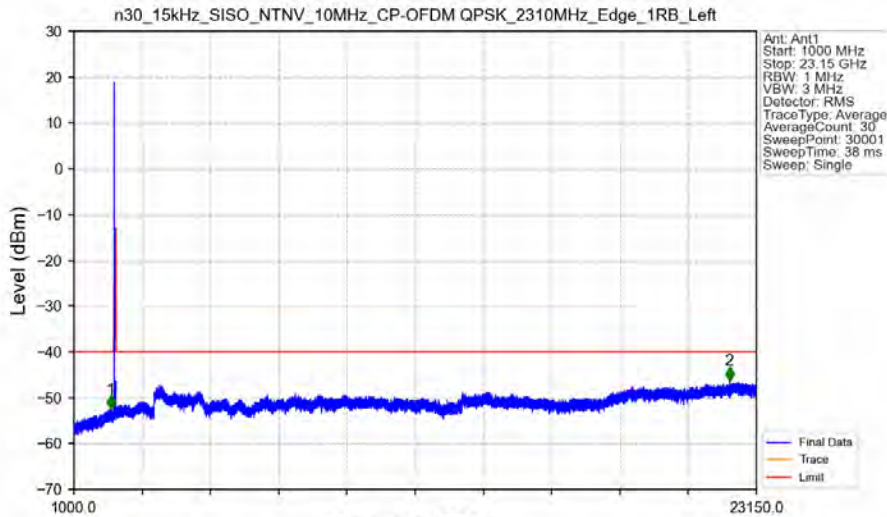
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n30\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_2310MHz\_Edge\_1RB\_Left



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

n30\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_2310MHz\_Edge\_1RB\_Right



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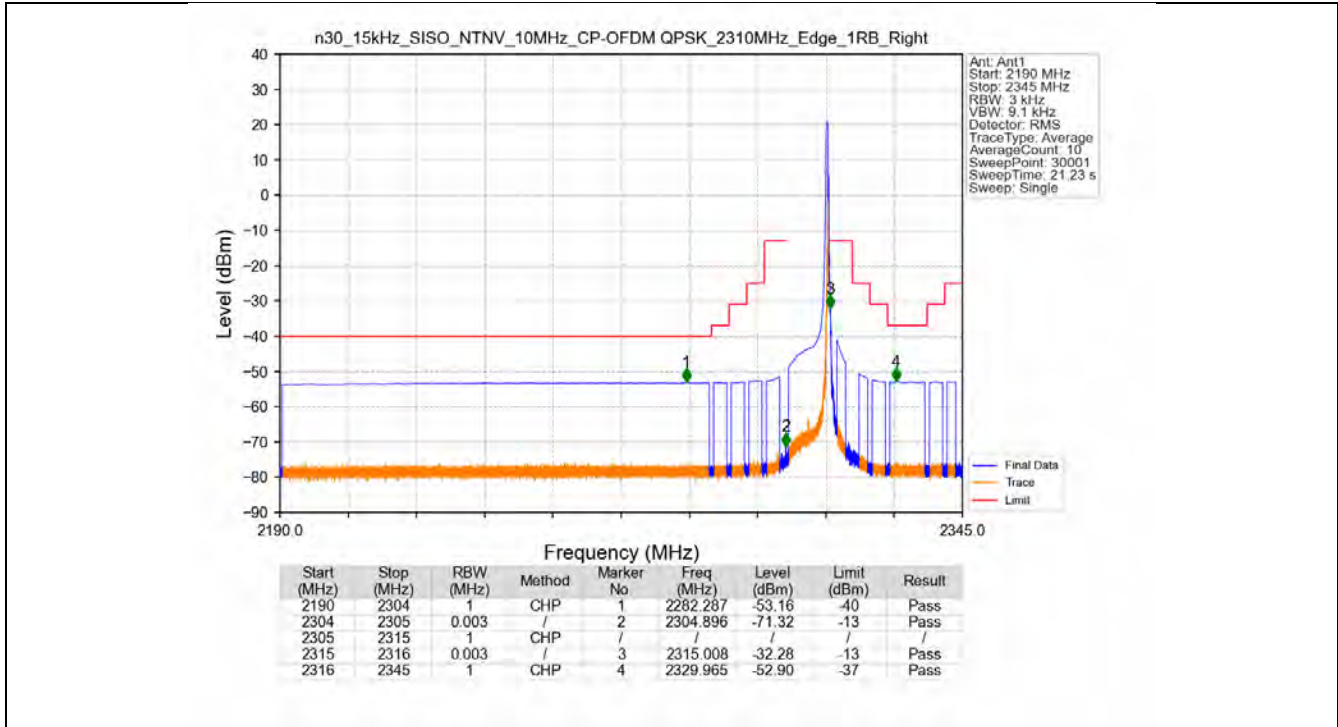


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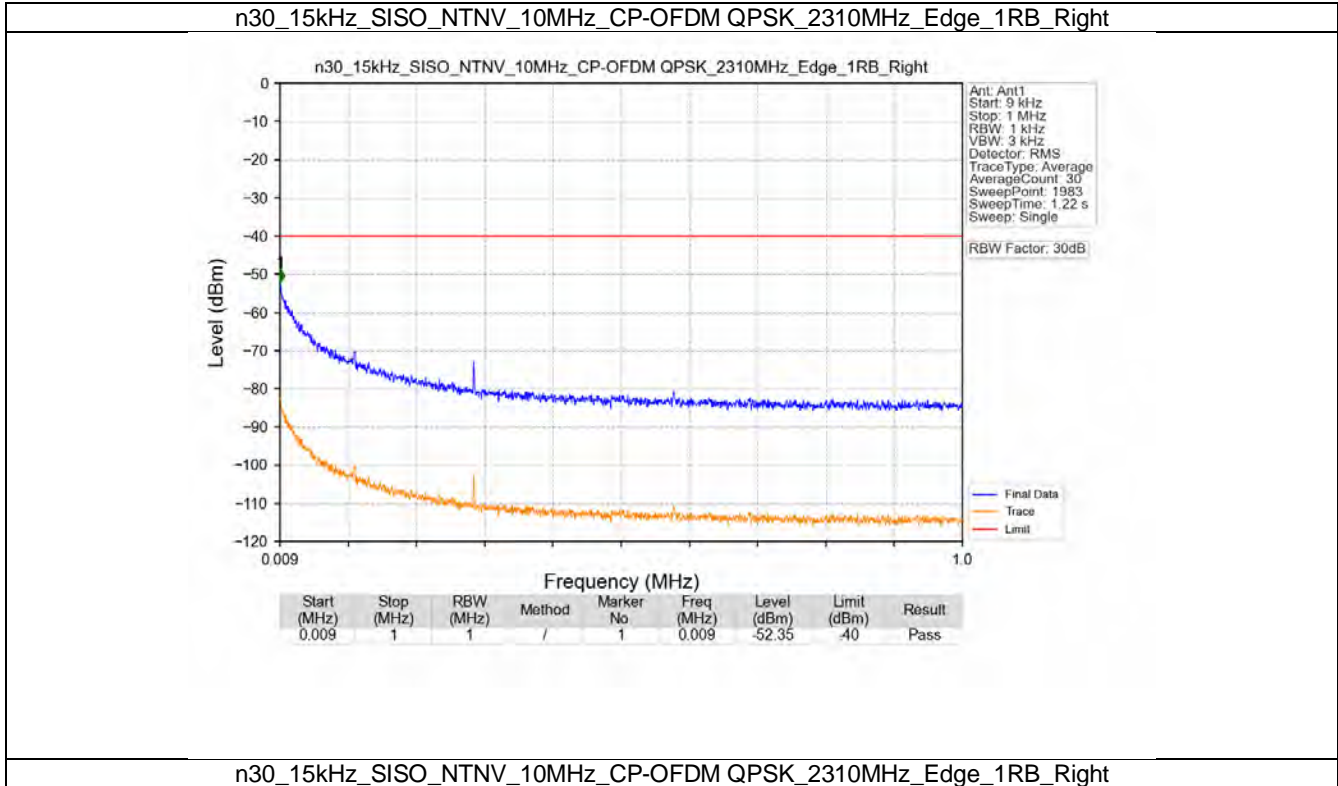


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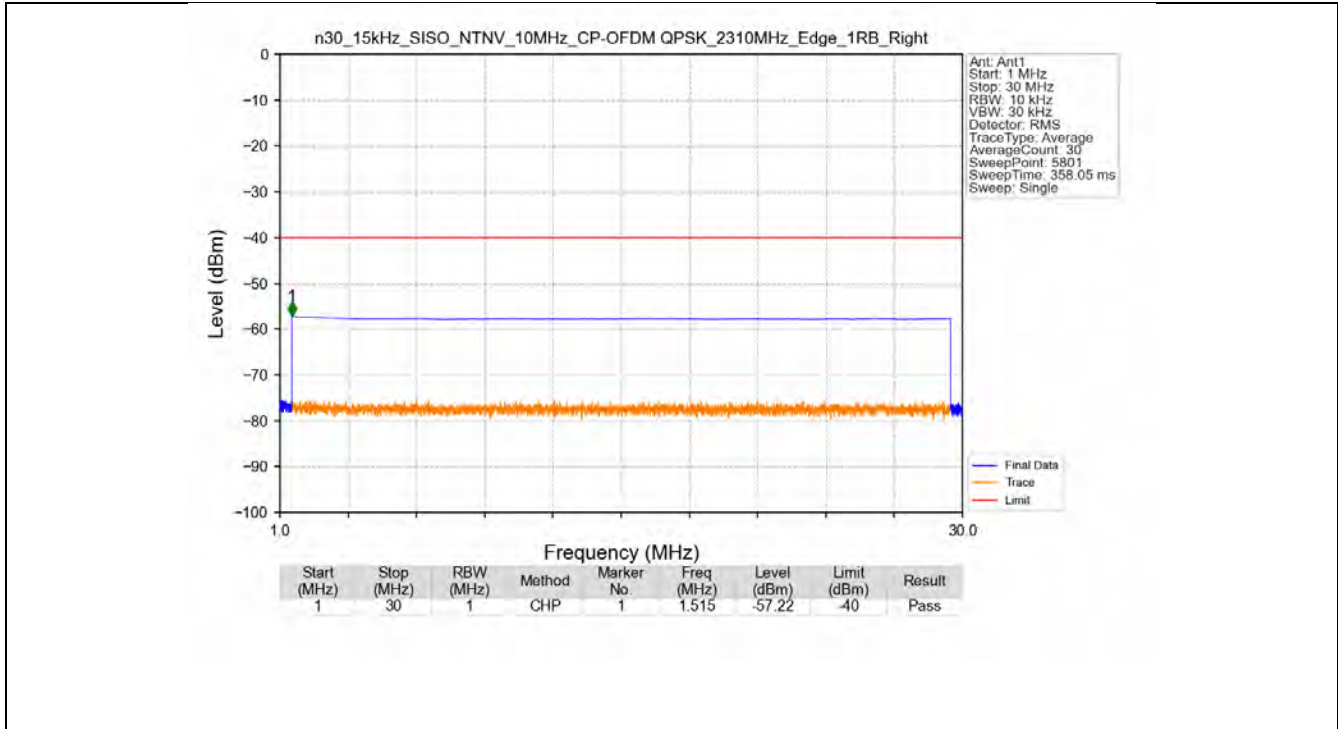


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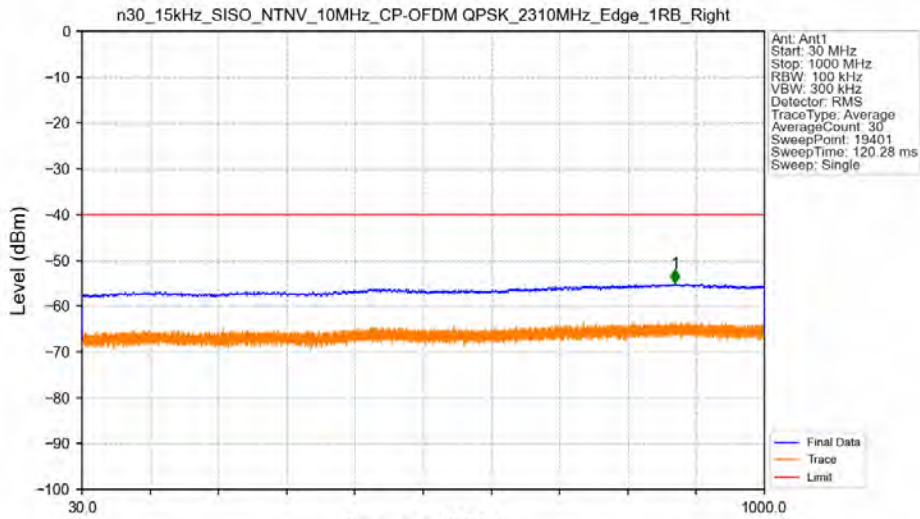
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n30\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_2310MHz\_Edge\_1RB\_Right



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

n30\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_2310MHz\_Edge\_1RB\_Right



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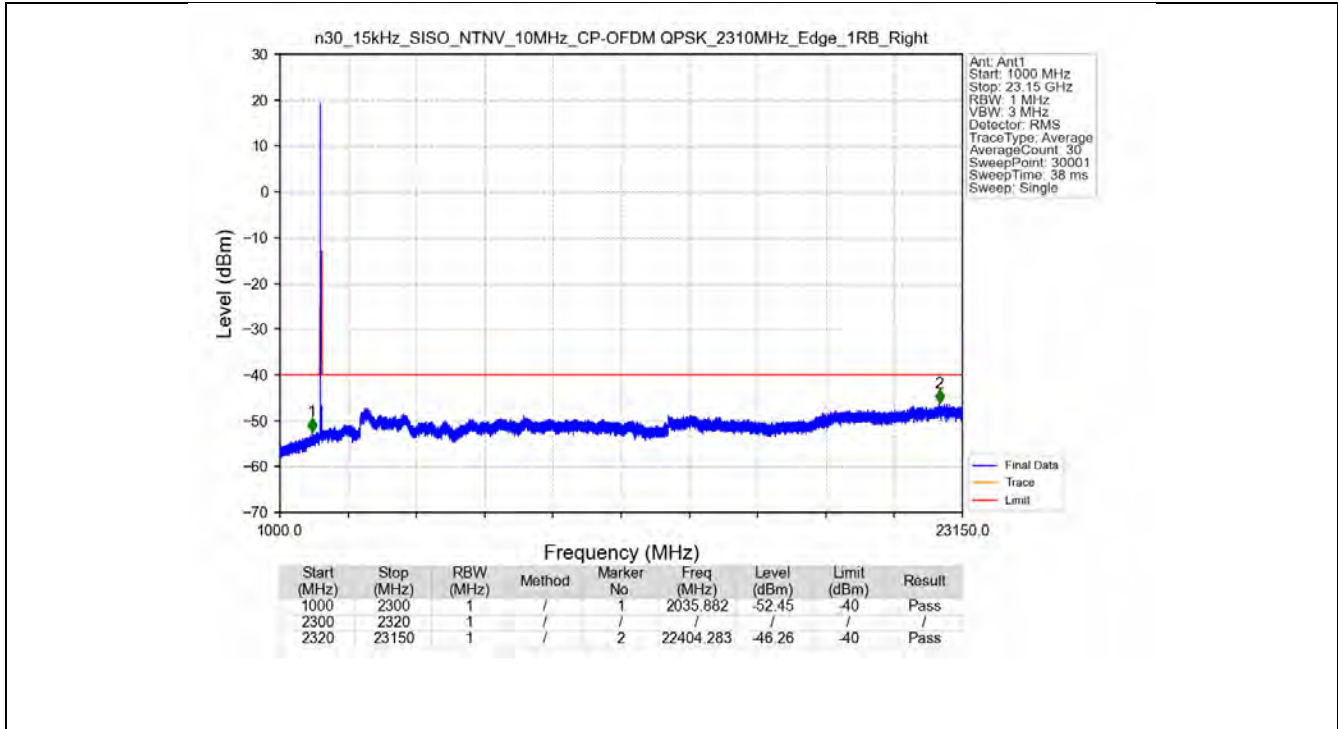


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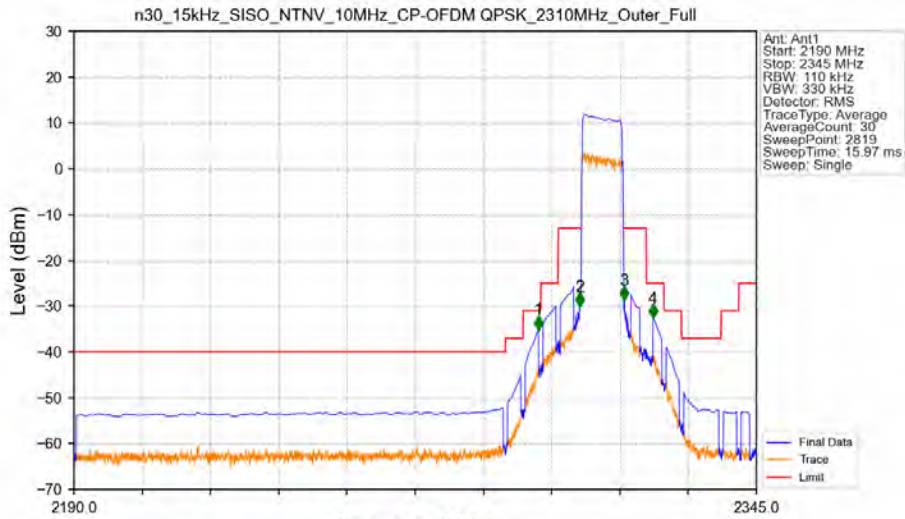
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n30\_15kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_2310MHz\_Outer\_Full



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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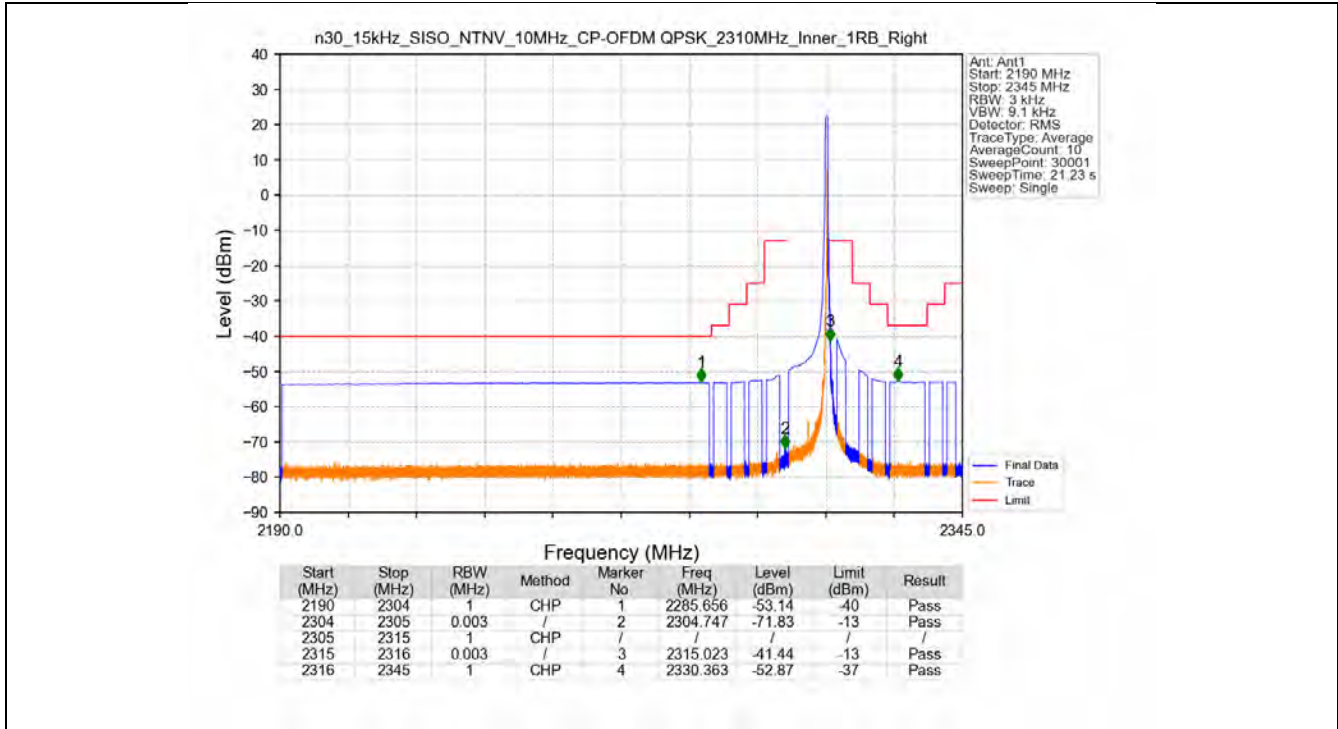


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## 6. Field Strength of Spurious Radiation

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

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