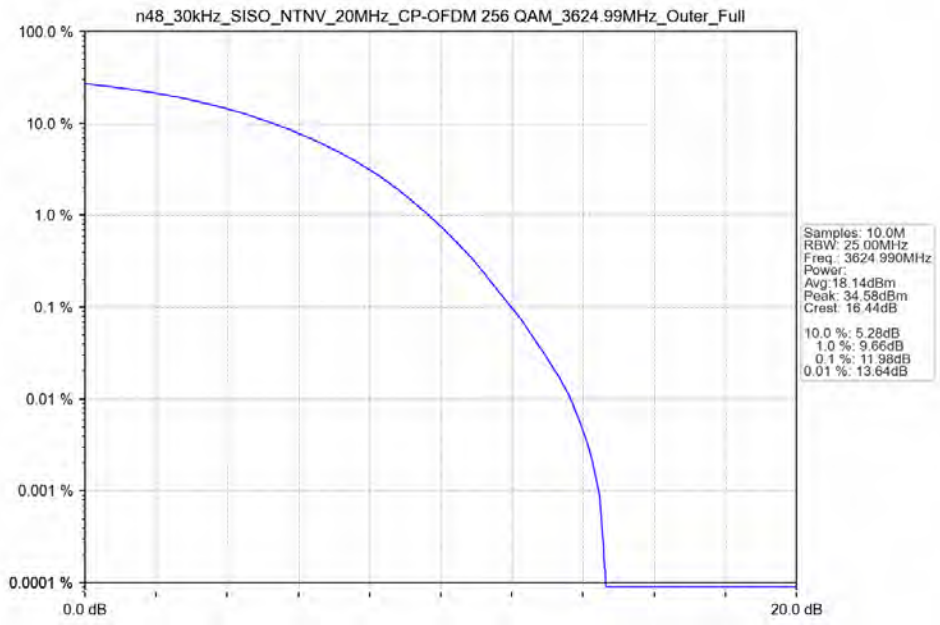

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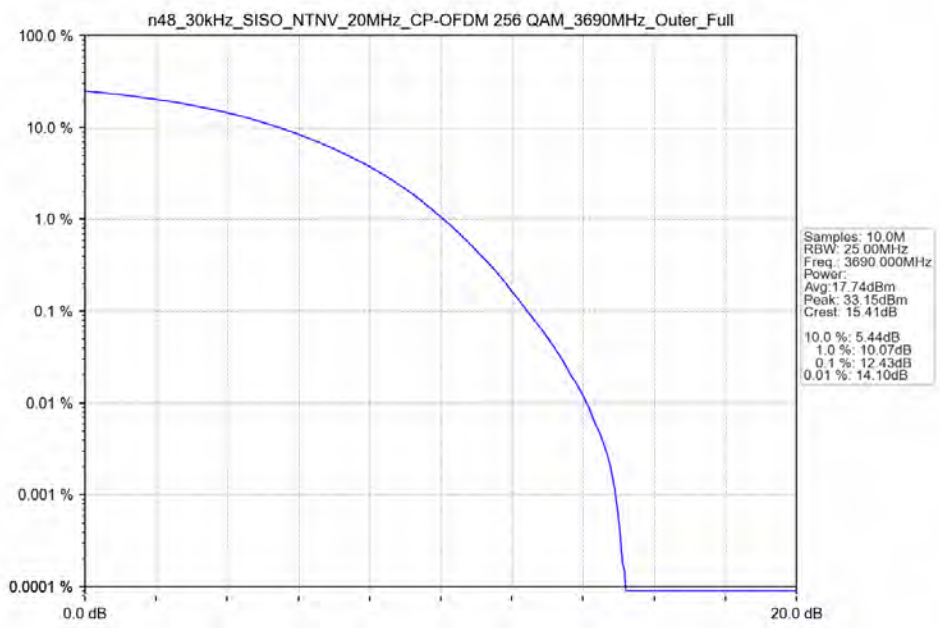
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_3690MHz_Outer_Full



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4.3 30k_SISO_40MHz_NTNV

4.3.1 Test Result

5G NR n48 SCS=30kHz SISO 40MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant4	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3570	Outer_Full	8.66	/	/	<=13	Pass
	3624.99	Outer_Full	10.84	/	/	<=13	Pass
	3679.98	Outer_Full	8.55	/	/	<=13	Pass
DFT-s-OFDM QPSK	3570	Outer_Full	9.88	/	/	<=13	Pass
	3624.99	Outer_Full	9.56	/	/	<=13	Pass
	3679.98	Outer_Full	10.02	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	3570	Outer_Full	10.55	/	/	<=13	Pass
	3624.99	Outer_Full	11.73	/	/	<=13	Pass
	3679.98	Outer_Full	10.63	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	3570	Outer_Full	10.51	/	/	<=13	Pass
	3624.99	Outer_Full	10.94	/	/	<=13	Pass
	3679.98	Outer_Full	11.02	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	3570	Outer_Full	10.77	/	/	<=13	Pass
	3624.99	Outer_Full	10.77	/	/	<=13	Pass
	3679.98	Outer_Full	11.29	/	/	<=13	Pass
CP-OFDM QPSK	3570	Outer_Full	12.40	/	/	<=13	Pass
	3624.99	Outer_Full	11.47	/	/	<=13	Pass
	3679.98	Outer_Full	11.59	/	/	<=13	Pass
CP-OFDM 16 QAM	3570	Outer_Full	11.93	/	/	<=13	Pass
	3624.99	Outer_Full	11.70	/	/	<=13	Pass
	3679.98	Outer_Full	12.01	/	/	<=13	Pass
CP-OFDM 64 QAM	3570	Outer_Full	11.30	/	/	<=13	Pass
	3624.99	Outer_Full	11.40	/	/	<=13	Pass
	3679.98	Outer_Full	12.50	/	/	<=13	Pass
CP-OFDM 256 QAM	3570	Outer_Full	11.46	/	/	<=13	Pass
	3624.99	Outer_Full	12.17	/	/	<=13	Pass
	3679.98	Outer_Full	11.84	/	/	<=13	Pass

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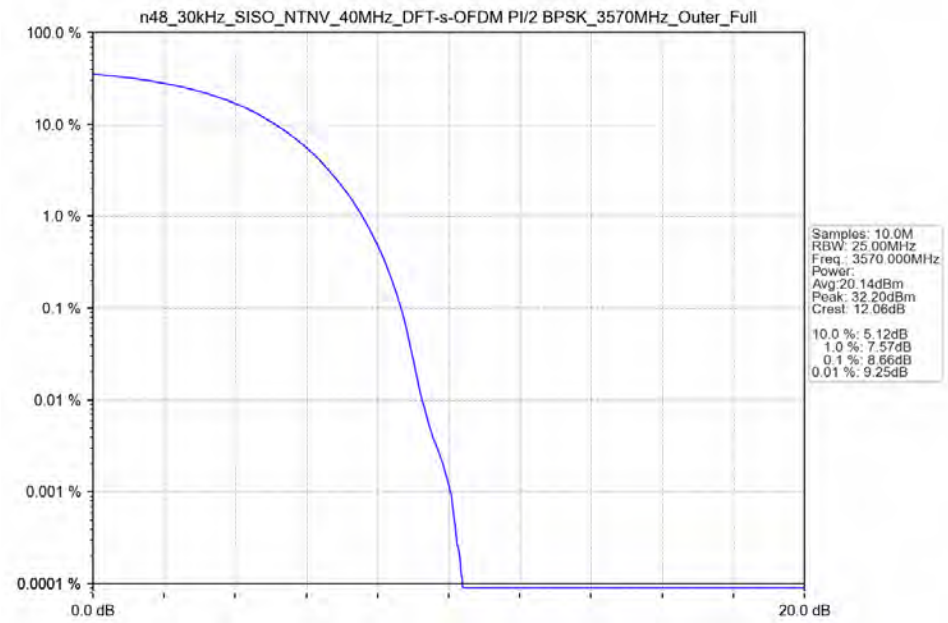
4.3.2 Test Graph

n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3570MHz_Outer_Full



n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Outer_Full

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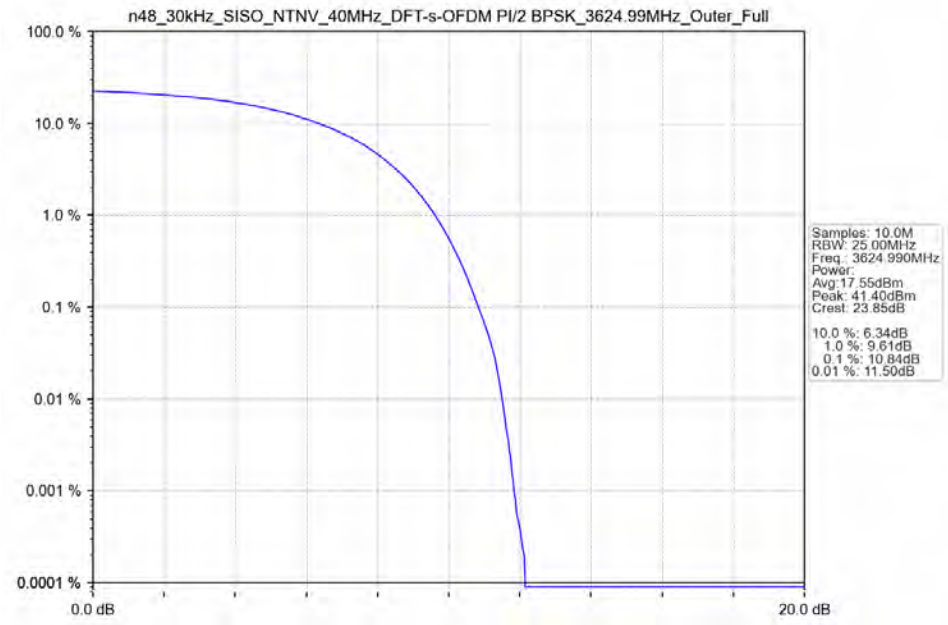

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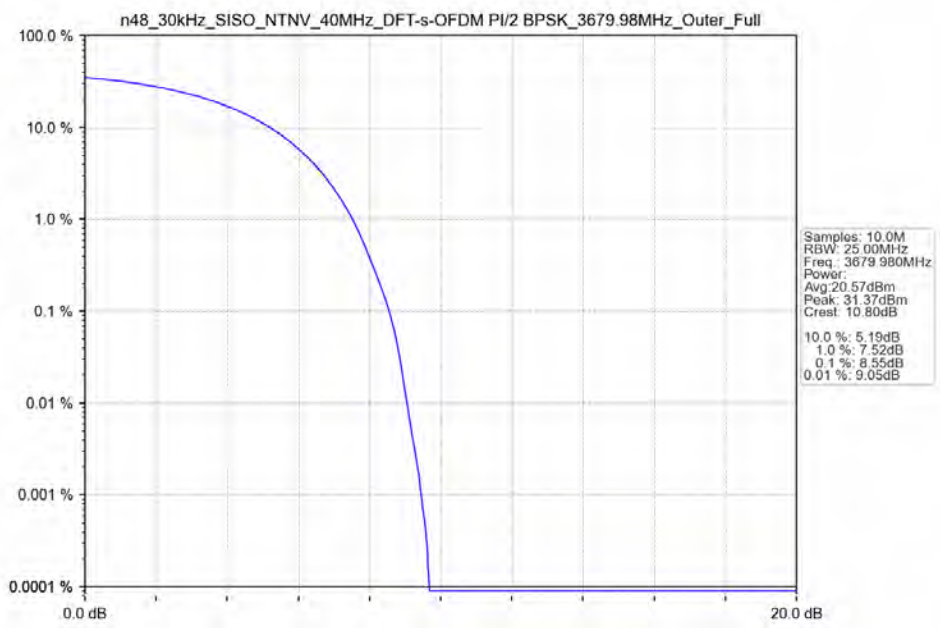
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3679.98MHz_Outer_Full



n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3570MHz_Outer_Full

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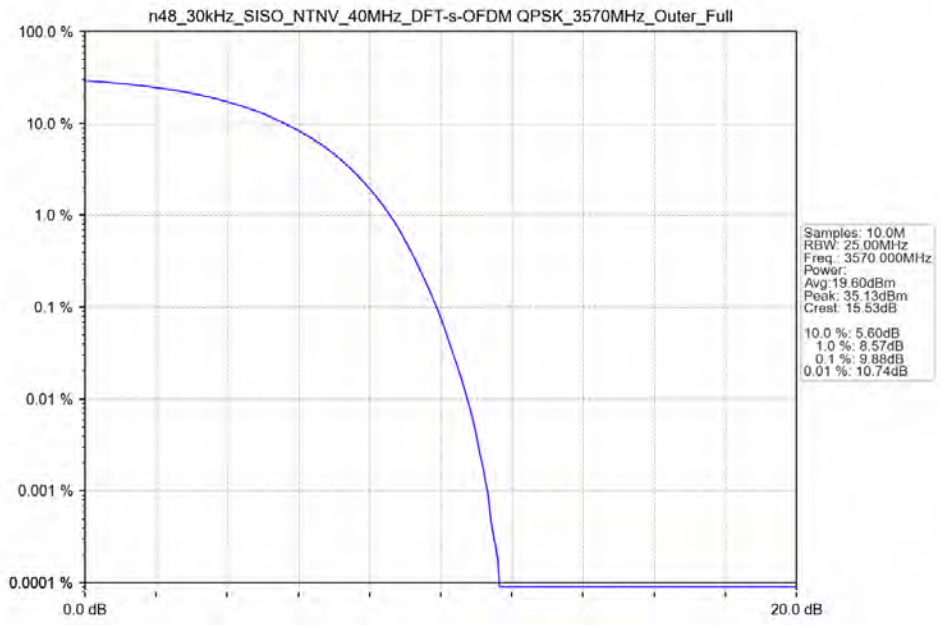

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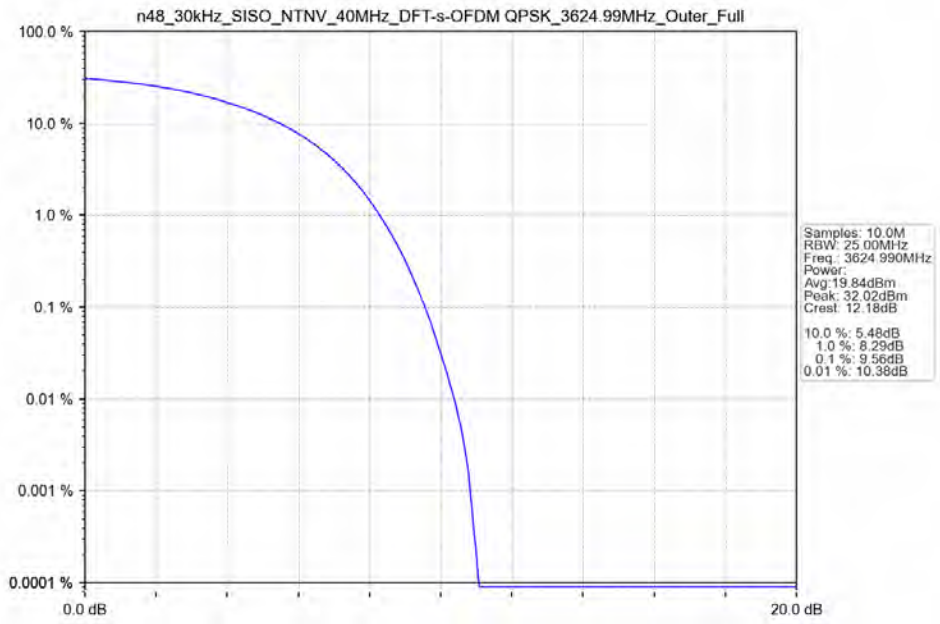

n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3679.98MHz_Outer_Full

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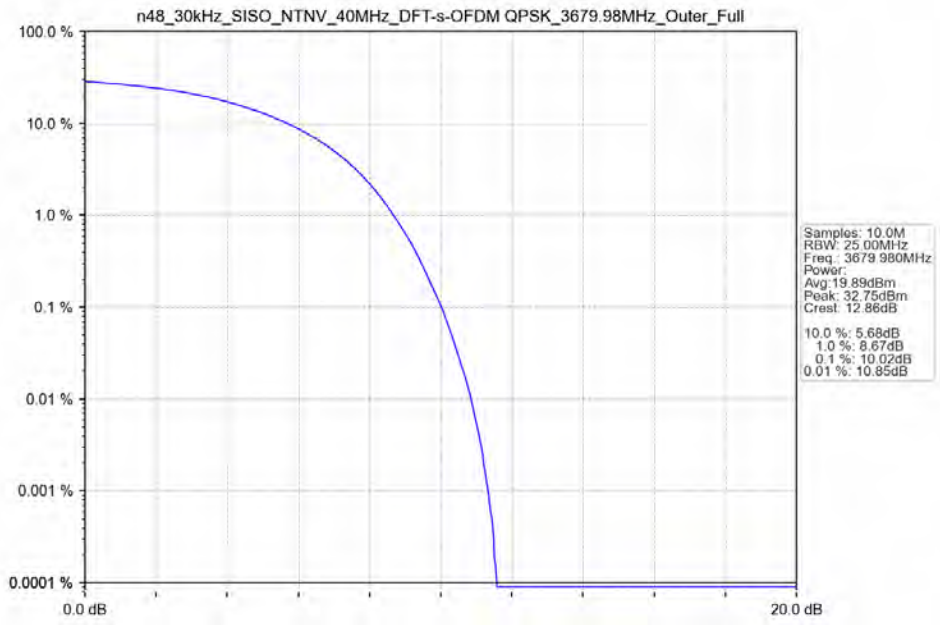

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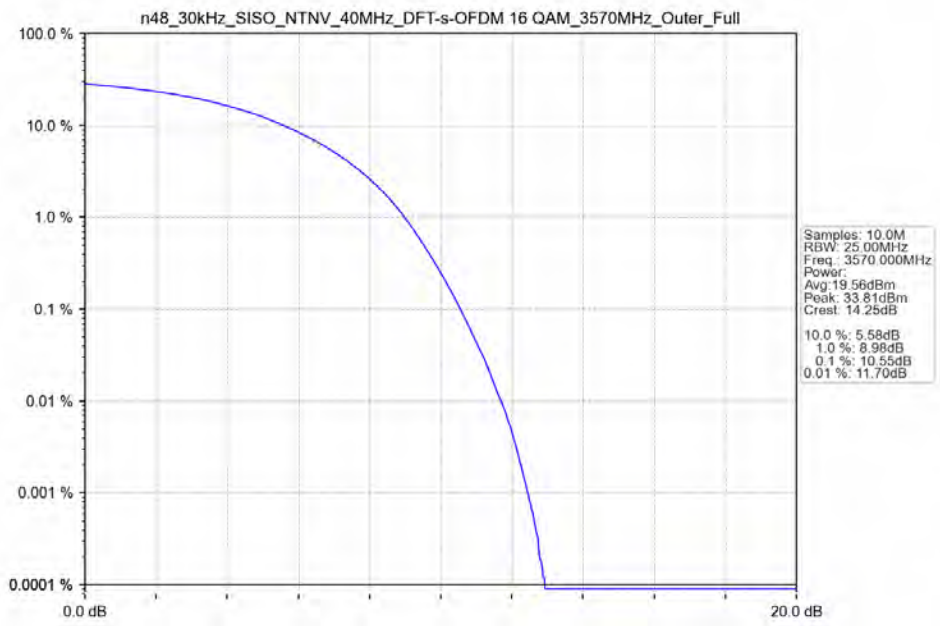

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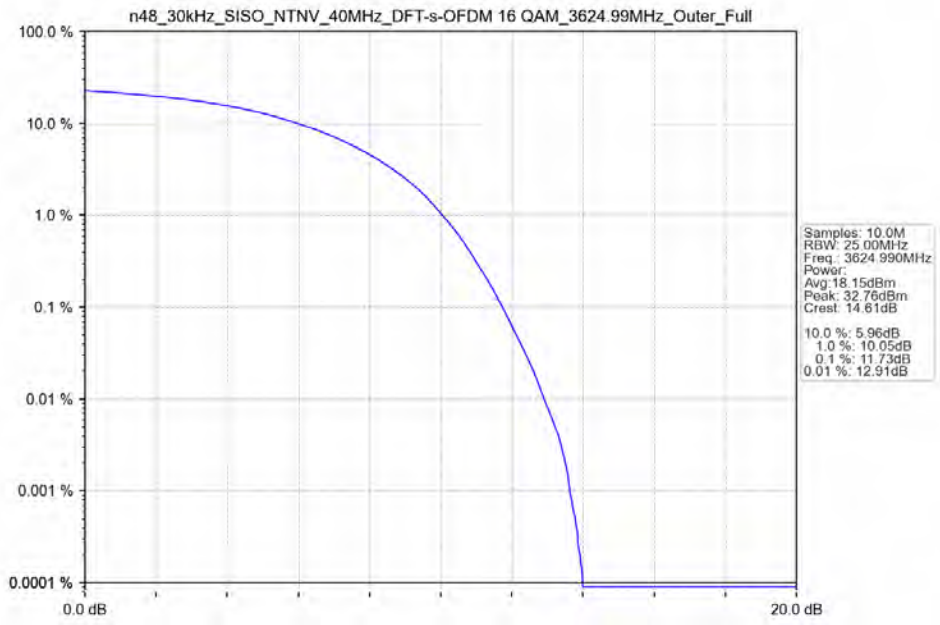

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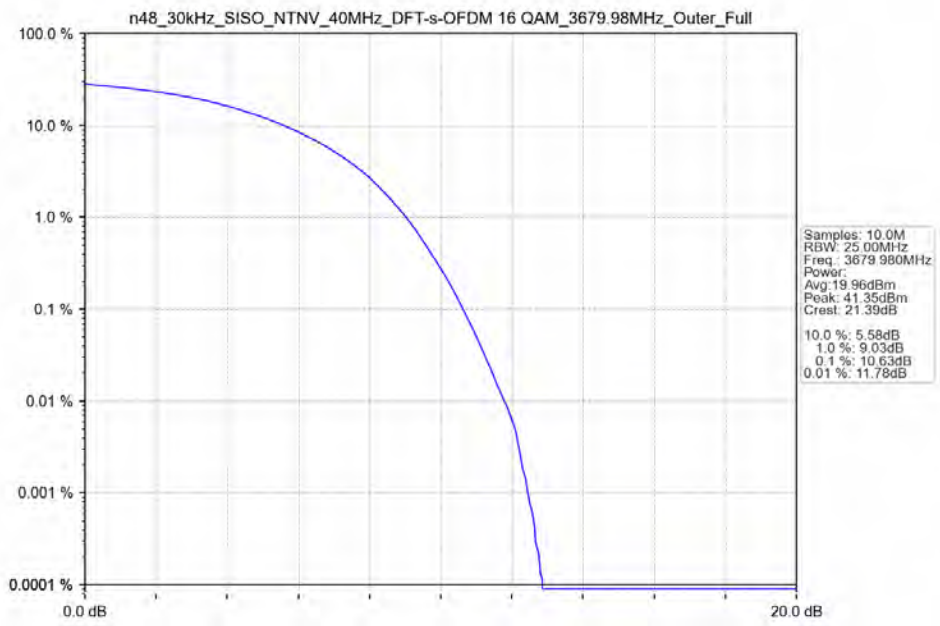
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM_3679.98MHz_Outer_Full



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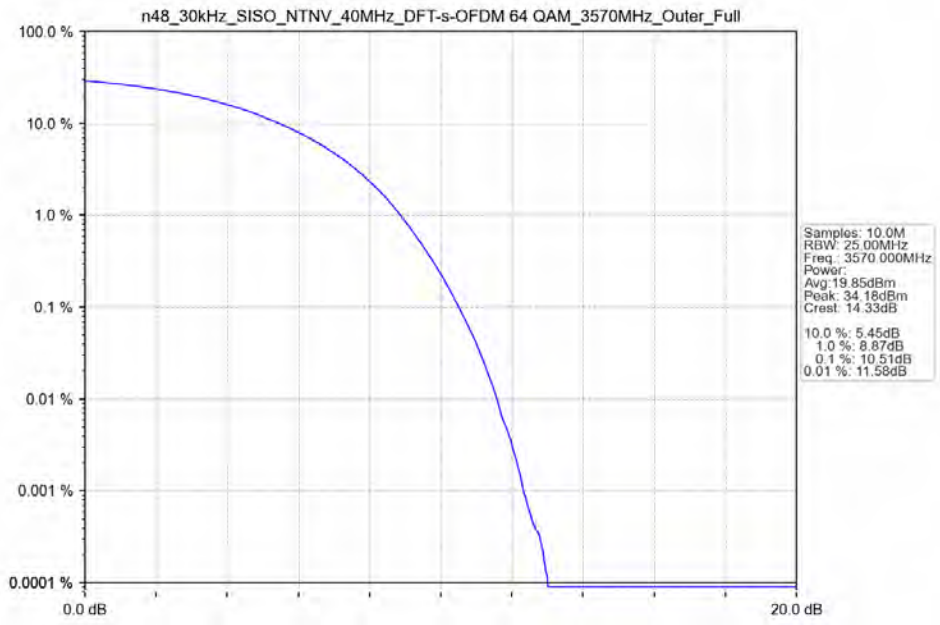

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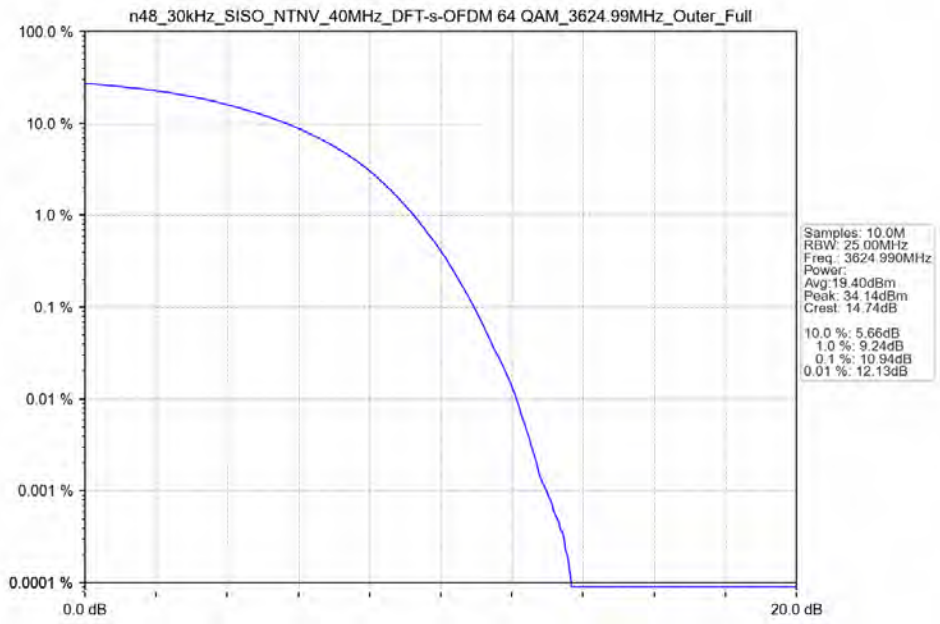
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Outer_Full



n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_3679.98MHz_Outer_Full

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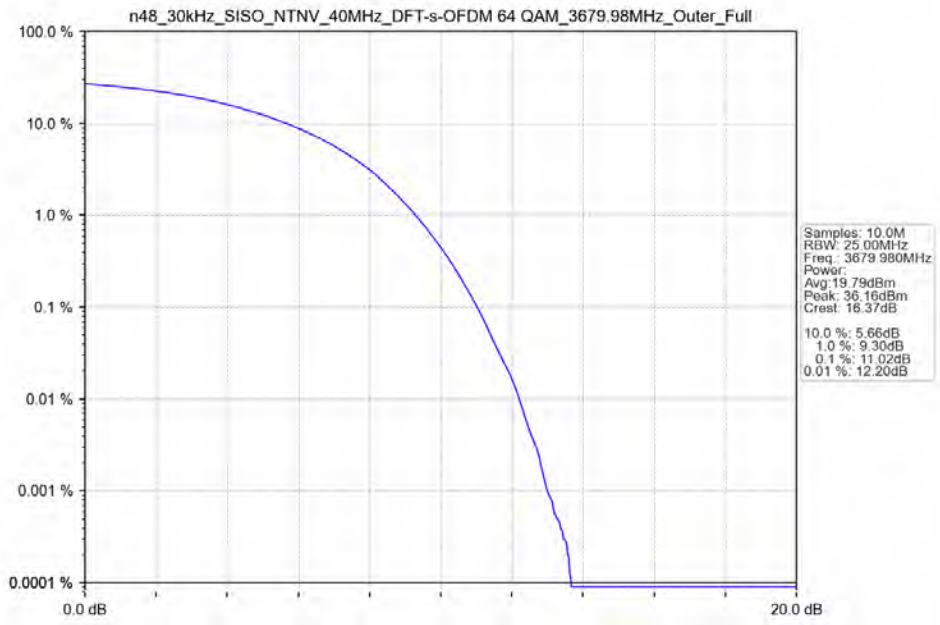

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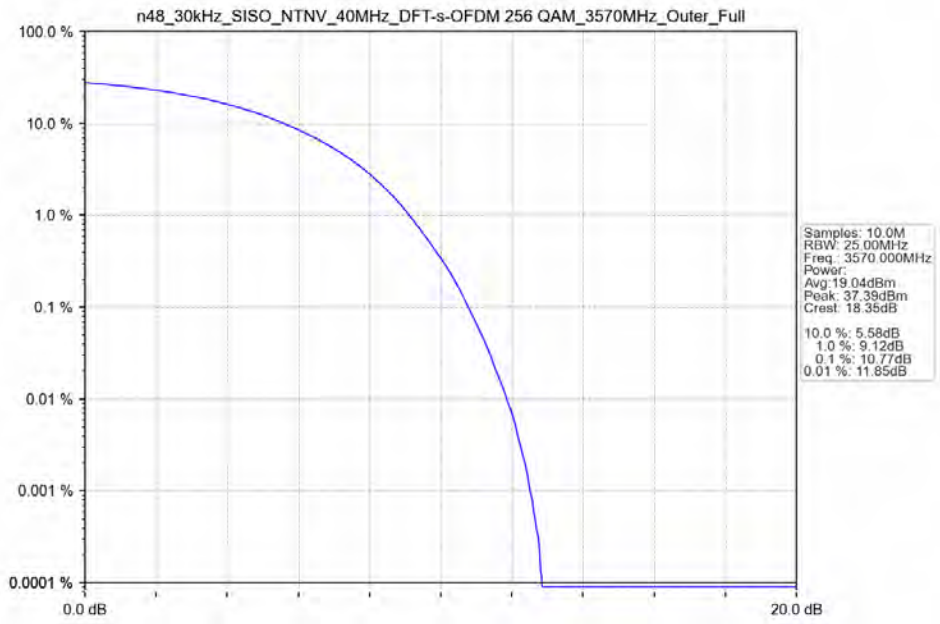
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3570MHz_Outer_Full



n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Outer_Full

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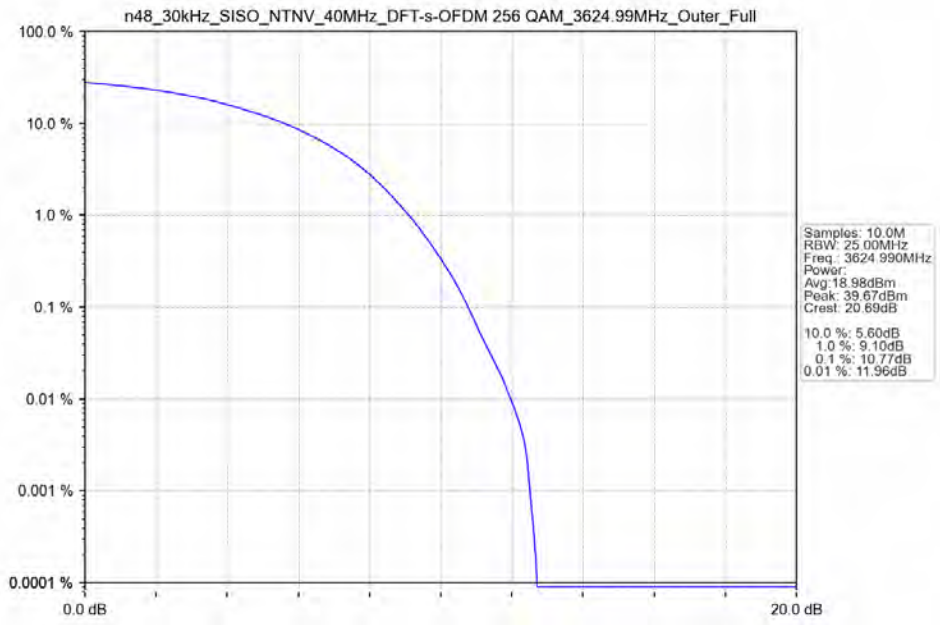

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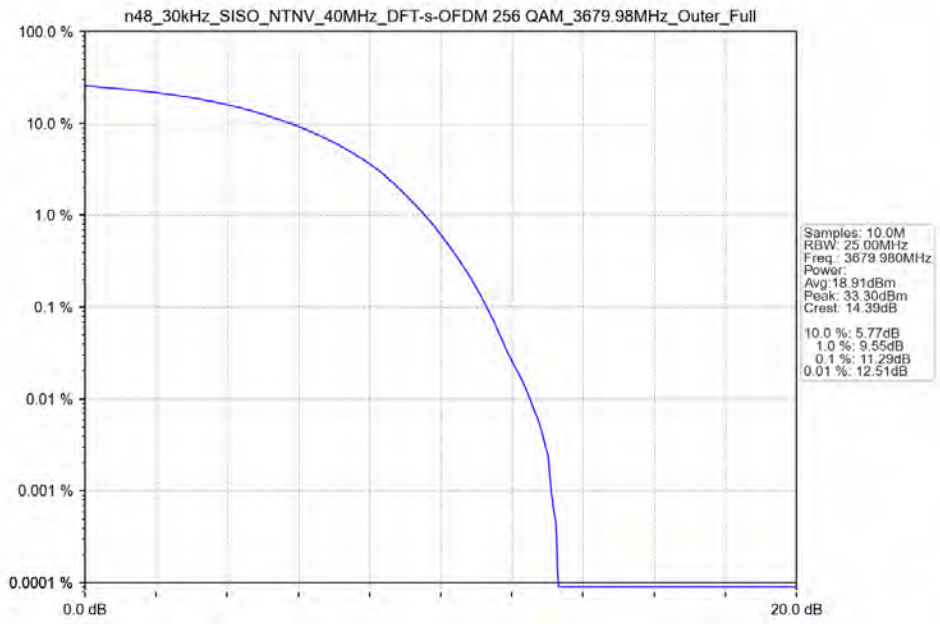
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3679.98MHz_Outer_Full



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3570MHz_Outer_Full

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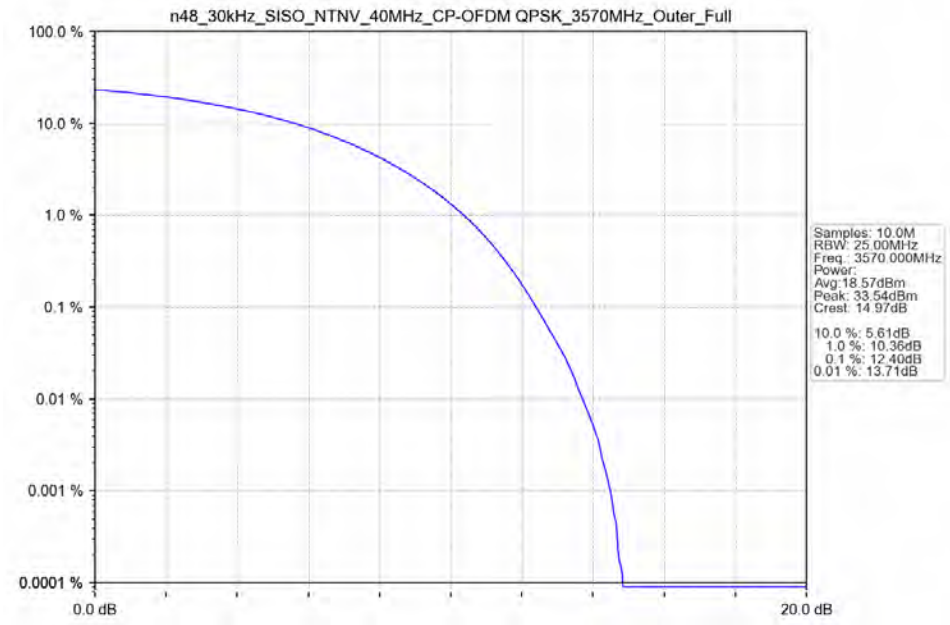

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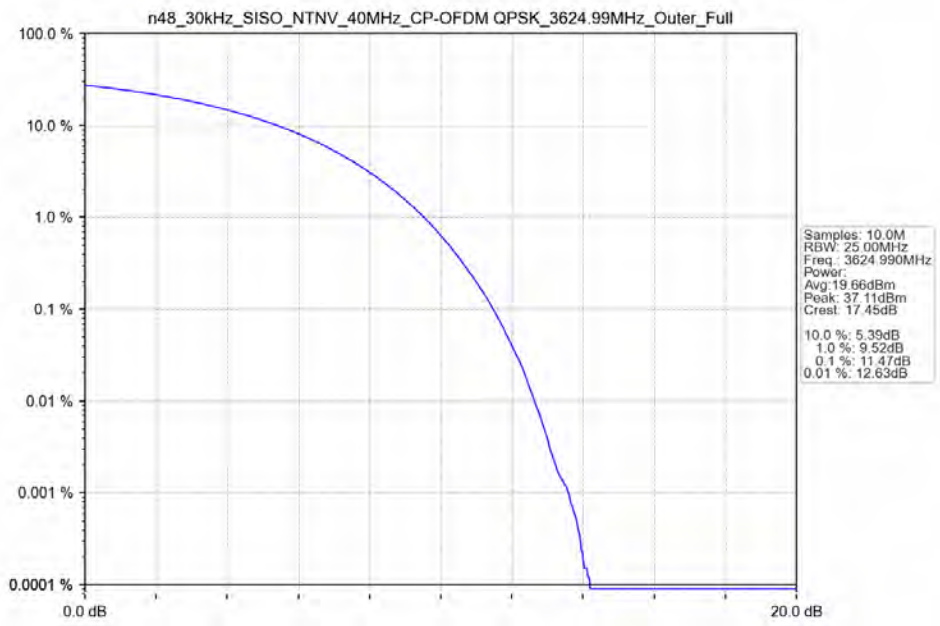
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3624.99MHz_Outer_Full



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3679.98MHz_Outer_Full

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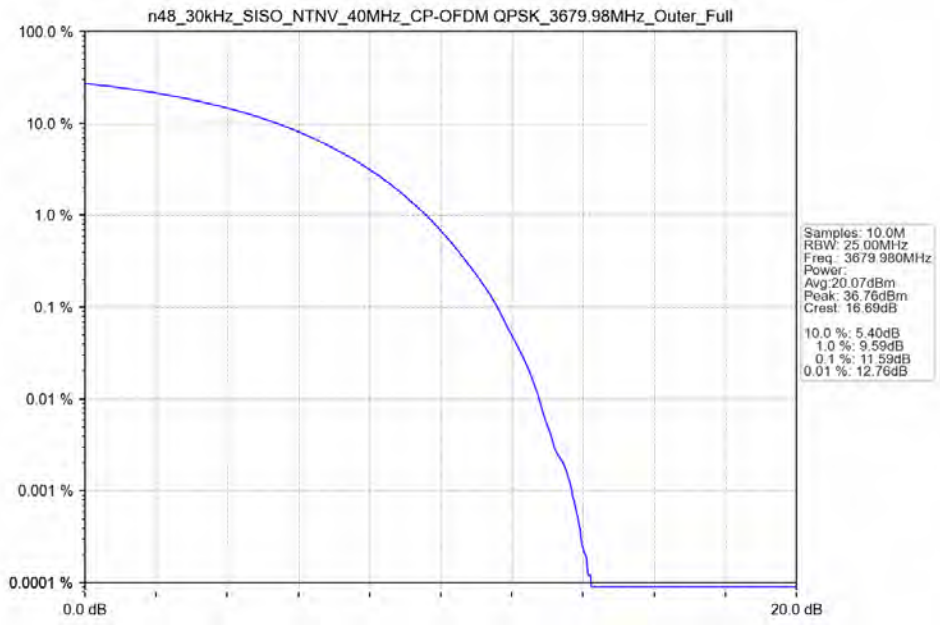

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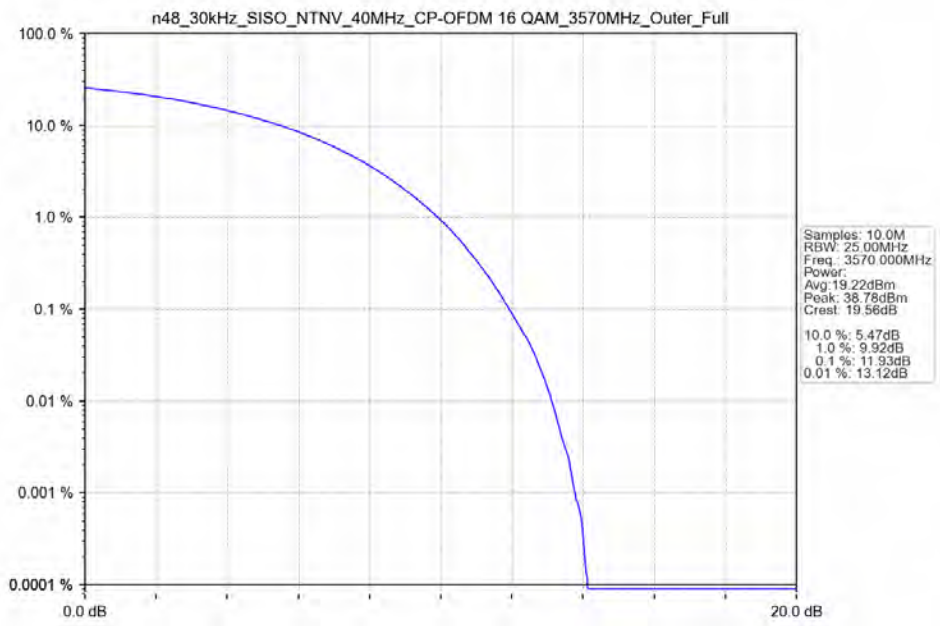

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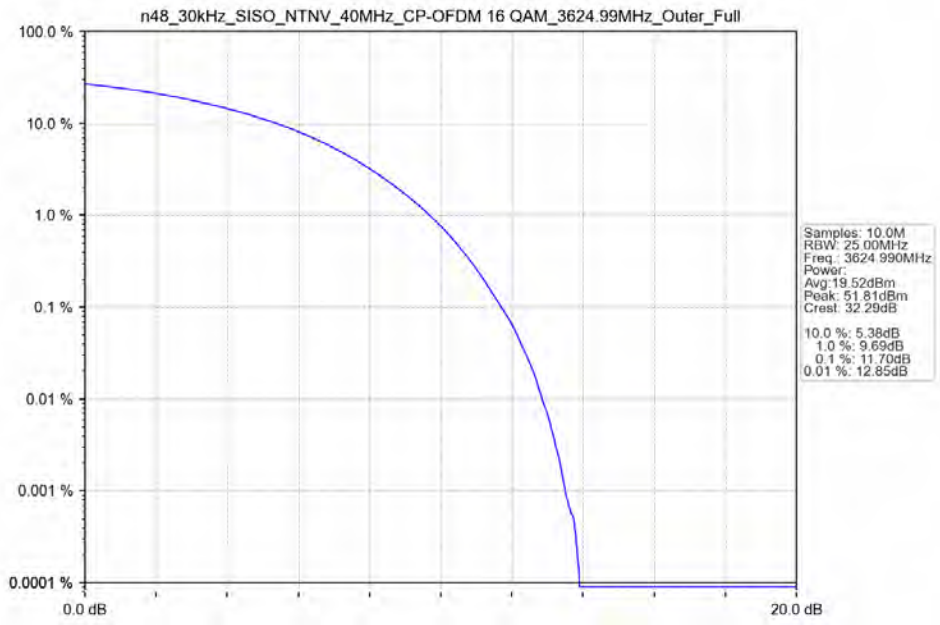

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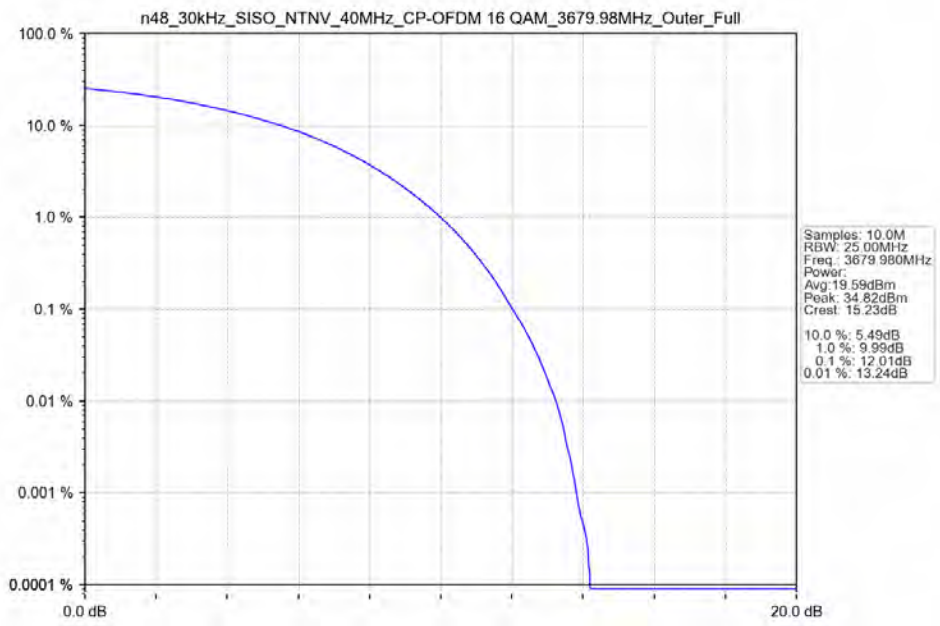

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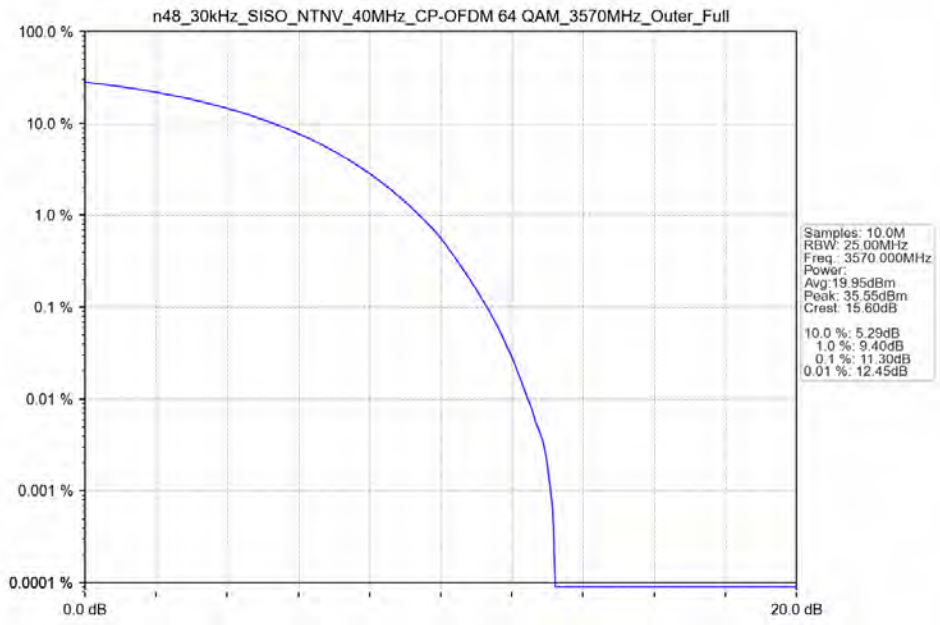

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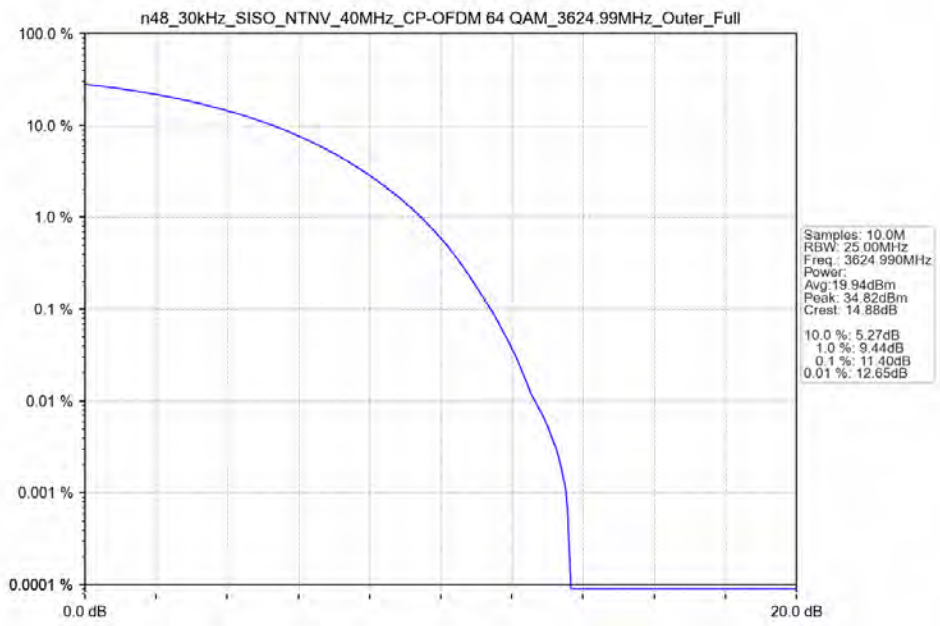

n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3679.98MHz_Outer_Full

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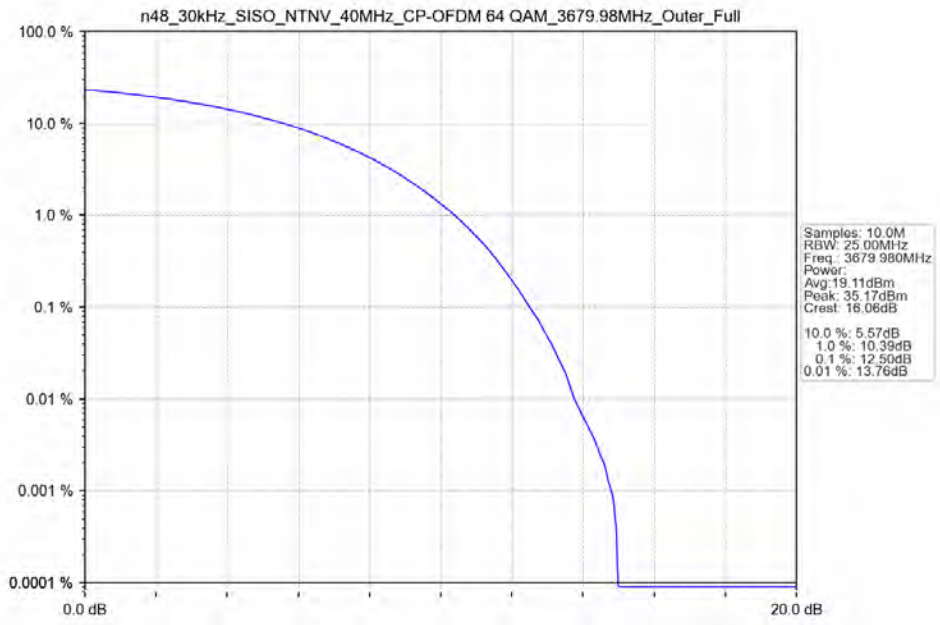

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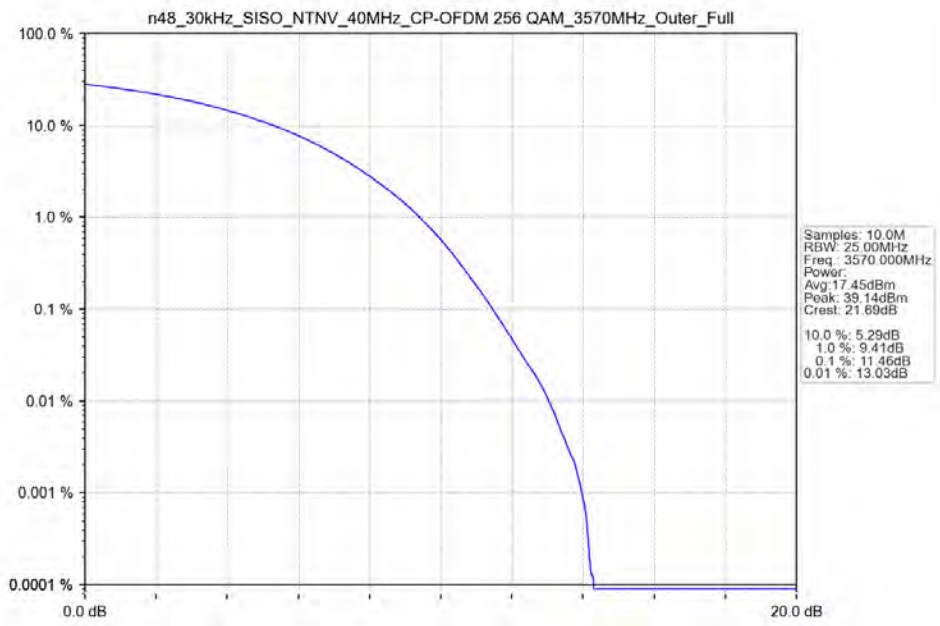
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3570MHz_Outer_Full



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full

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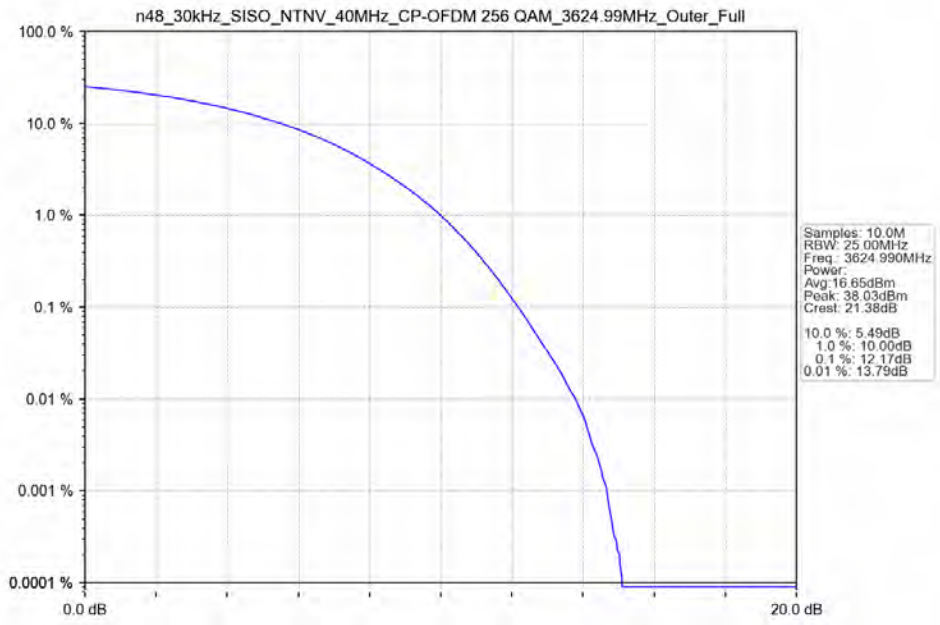

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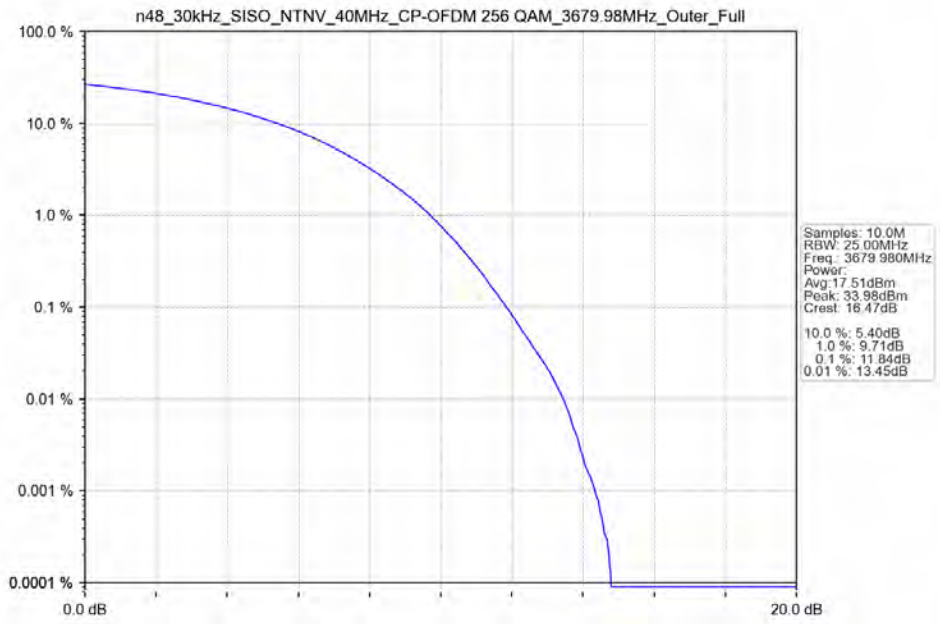

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5. Spurious Emission & Band Edges

5.1 30k_SISO_10MHz_NTNV

5.1.1 Test Result

5G NR n48 SCS=30kHz SISO 10MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant4	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3555	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass
	3694.98	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	3555	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass
	3694.98	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	3555	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass
	3694.98	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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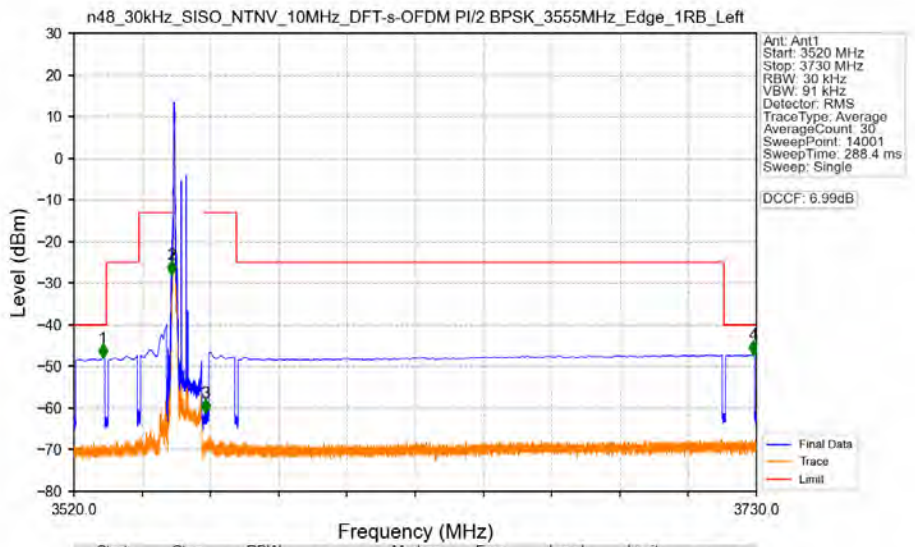

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549	1	CHP	1	3528.940	-47.94	-40	Pass
3549	3550	0.03	/	2	3549.970	-27.98	-13	Pass
3550	3560	0.03	/	/	/	/	/	/
3560	3561	0.03	/	3	3560.350	-61.13	-13	Pass
3561	3730	1	CHP	4	3729.070	-47.22	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3555MHz_Edge_1RB_Left

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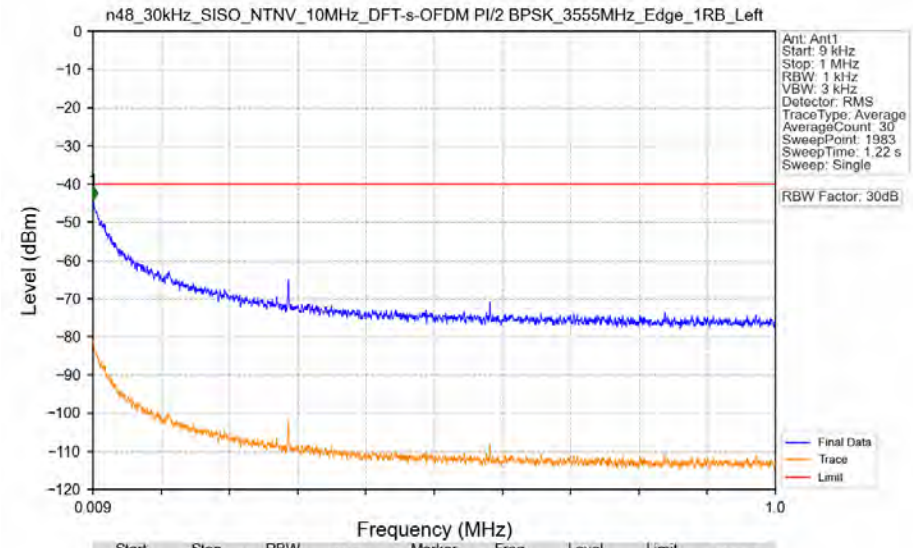

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-44.17	-40	Pass

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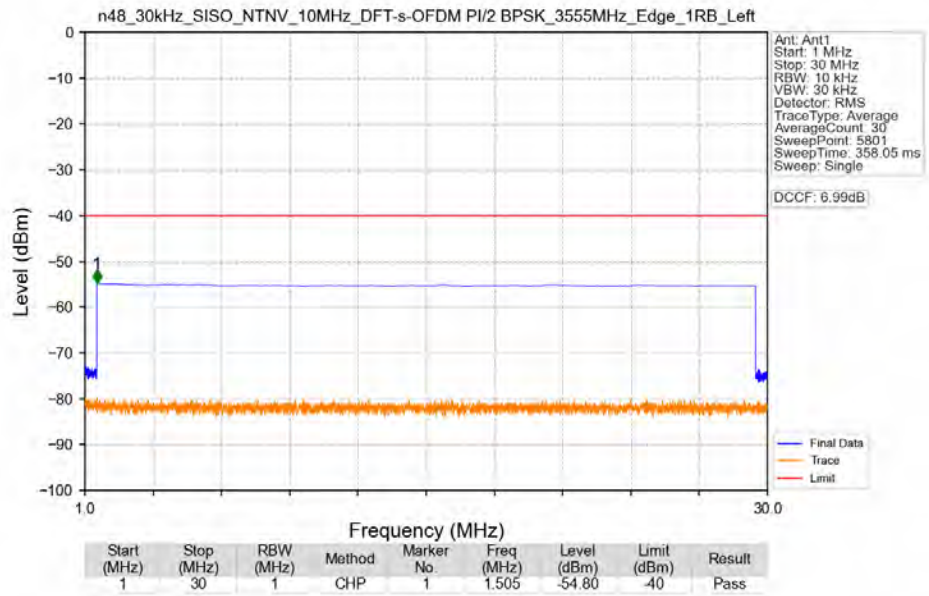

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-54.80	-40	Pass

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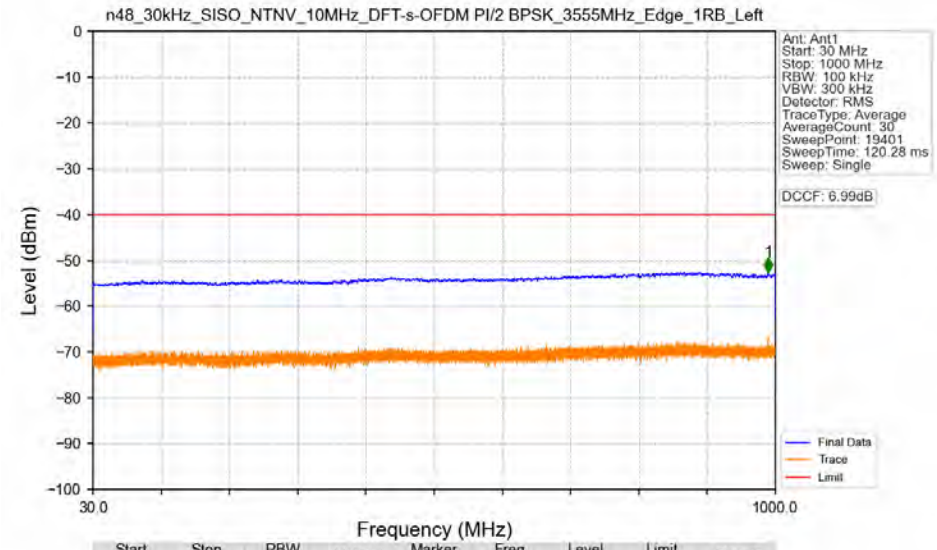

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	989.800	-52.54	-40	Pass

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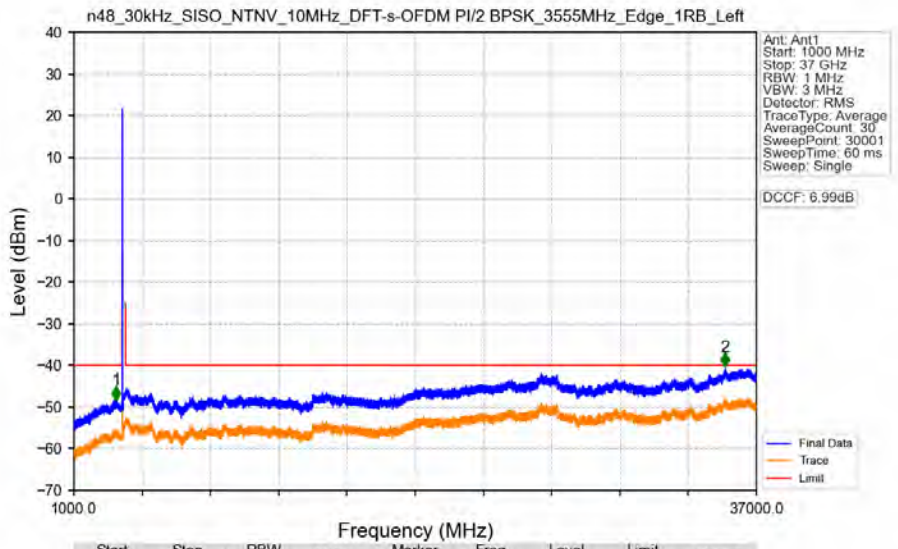

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3549	1	/	1	3224.800	-48.37	-40	Pass
3549	3565	1	/	/	/	/	/	/
3565	37000	1	/	2	35360.800	-40.27	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3555MHz_Outer_Full

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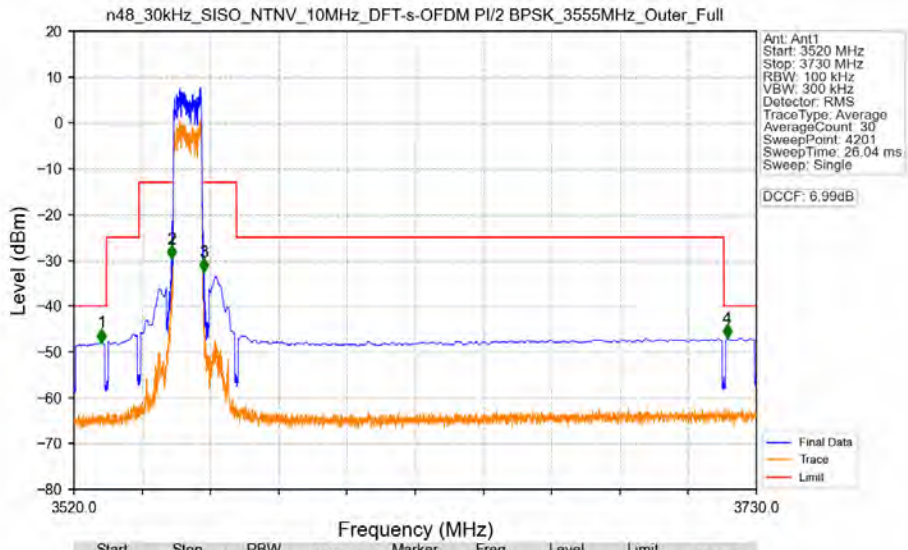

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549	1	CHP	1	3528.500	-48.01	-40	Pass
3549	3550	0.1	/	2	3550.000	-29.81	-13	Pass
3550	3560	0.1	/	/	/	/	/	/
3560	3561	0.1	/	3	3560.050	-32.58	-13	Pass
3561	3730	1	CHP	4	3721.050	-47.02	-40	Pass

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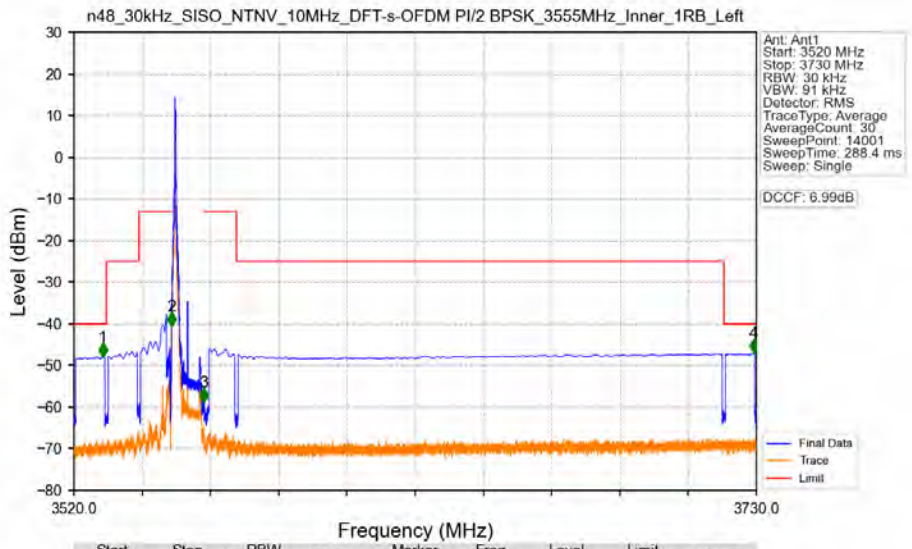

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549	1	CHP	1	3528.895	-47.95	-40	Pass
3549	3550	0.03	/	2	3550.000	-40.60	-13	Pass
3550	3560	0.03	/	/	/	/	/	/
3560	3561	0.03	/	3	3560.020	-58.82	-13	Pass
3561	3730	1	CHP	4	3729.190	-47.10	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Edge_1RB_Left

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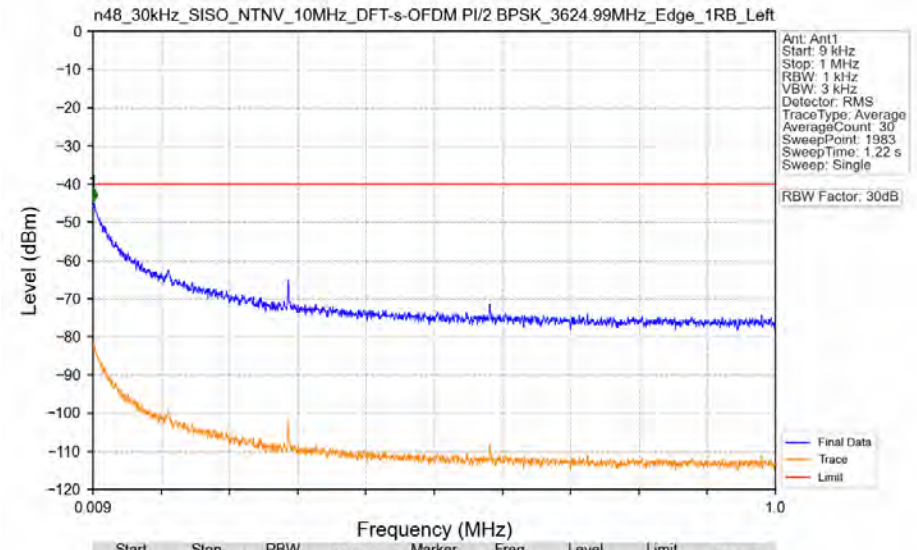

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-44.64	-40	Pass

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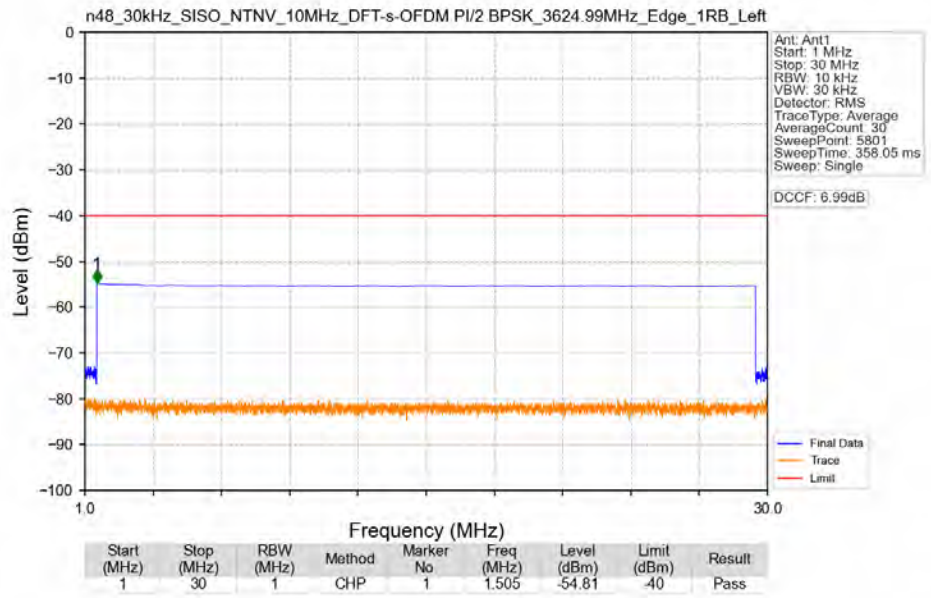
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-54.81	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Edge_1RB_Left

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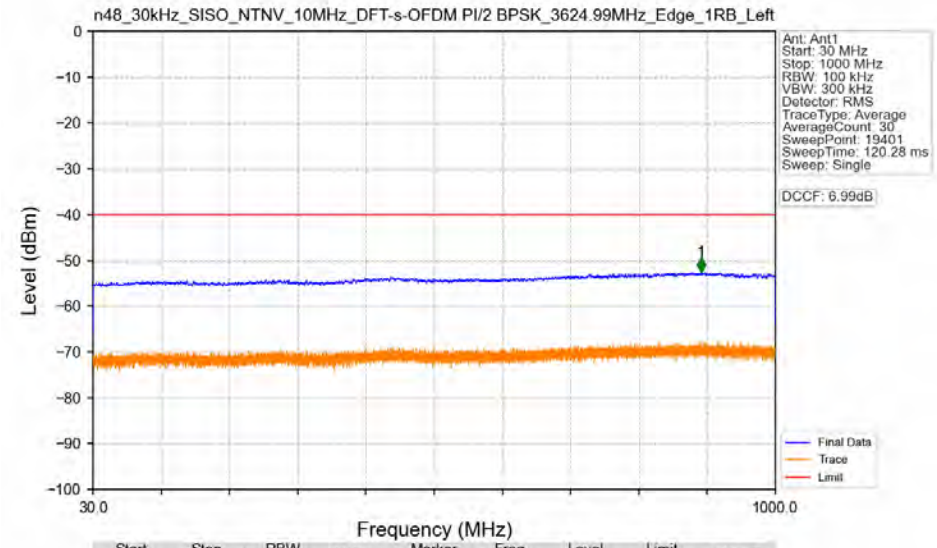

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	894.250	-52.60	-40	Pass

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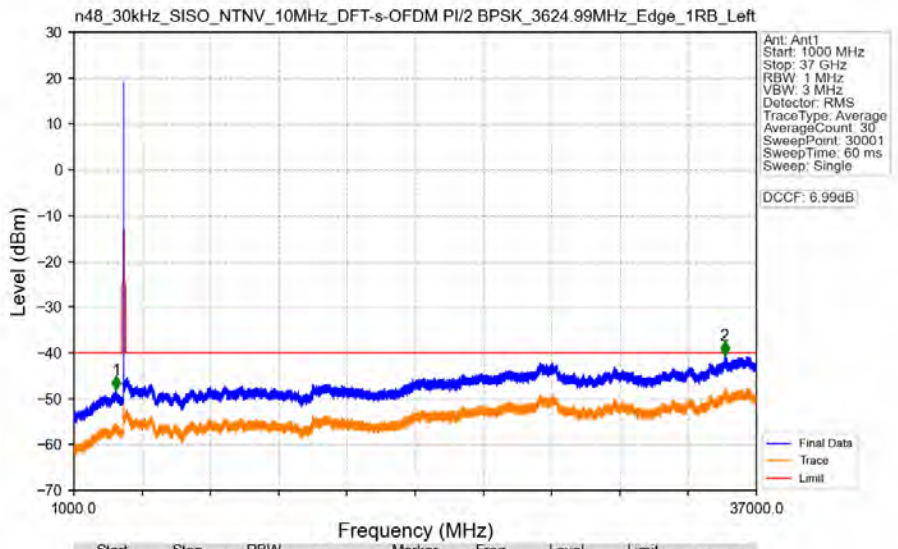

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3618.99	1	/	1	3223.600	-48.21	-40	Pass
3618.99	3634.99	1	/	/	/	/	/	/
3634.99	37000	1	/	2	35321.200	-40.60	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3694.98MHz_Edge_1RB_Right

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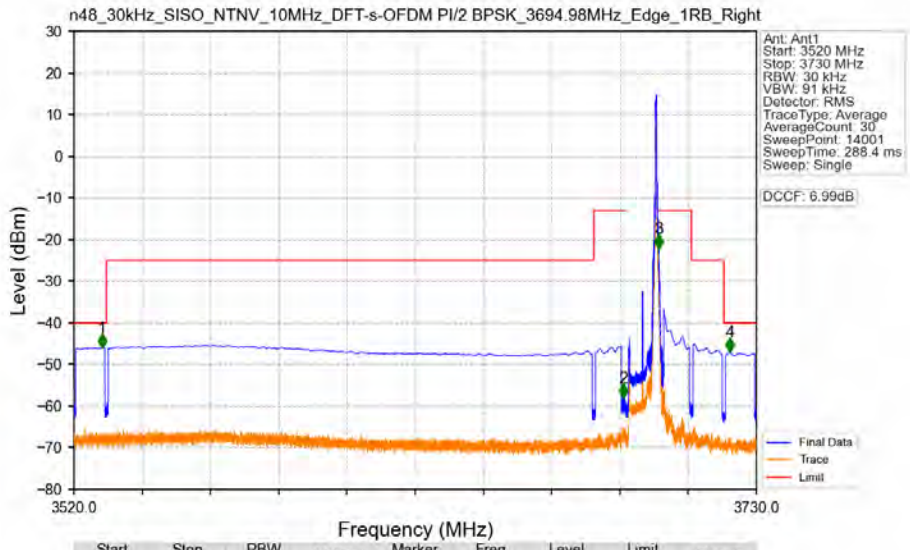

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3688.98	1	CHP	1	3528.625	-46.01	-40	Pass
3688.98	3689.98	0.03	/	2	3689.020	-58.15	-13	Pass
3689.98	3699.98	0.03	/	/	/	/	/	/
3699.98	3700.98	0.03	/	3	3699.985	-22.14	-13	Pass
3700.98	3730	1	CHP	4	3721.825	-47.10	-40	Pass

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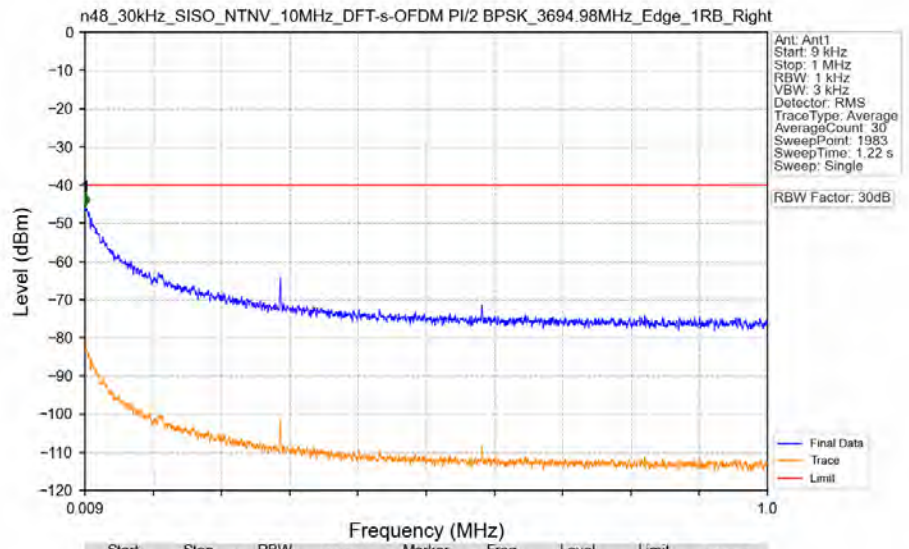

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-45.78	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3694.98MHz_Edge_1RB_Right

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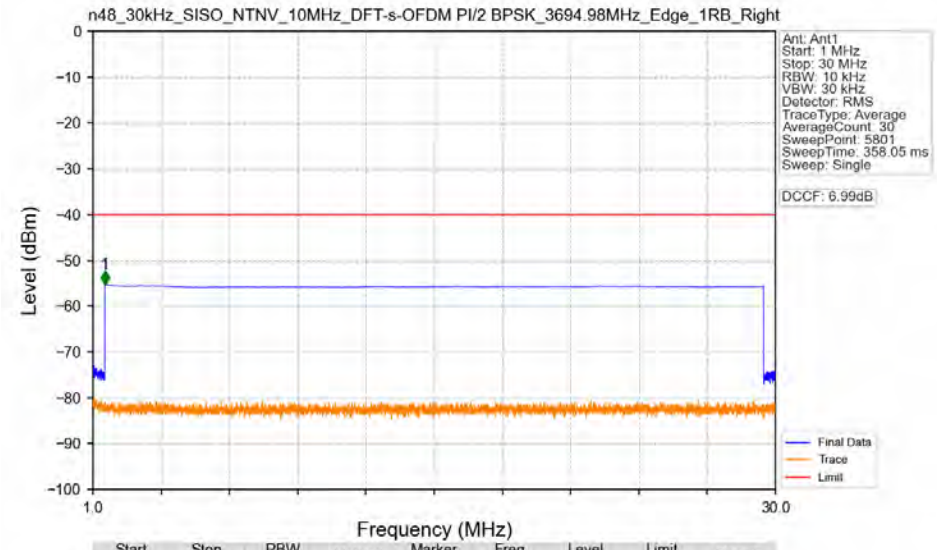

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-55.30	-40	Pass

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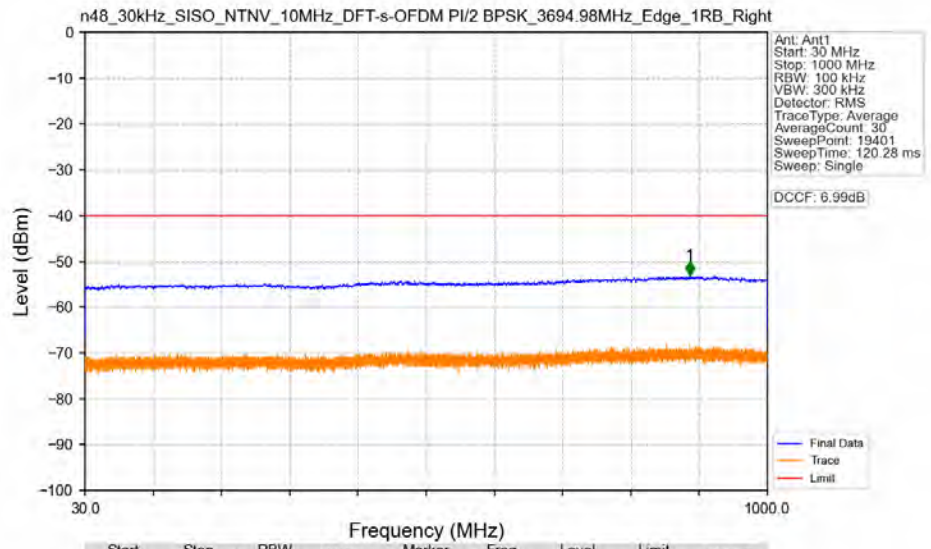

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	889.650	-53.07	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3694.98MHz_Edge_1RB_Right

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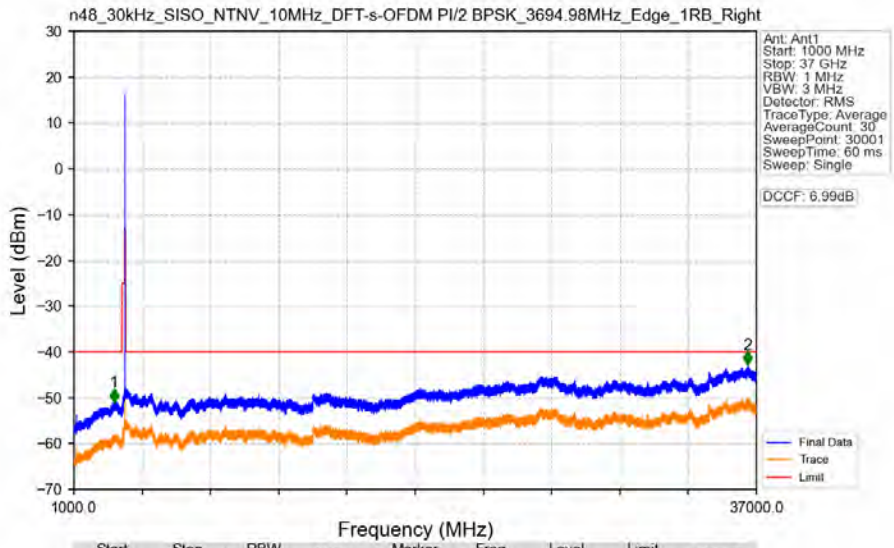

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3688.98	1	/	1	3130.000	-51.05	-40	Pass
3688.98	3704.98	1	/	/	/	/	/	/
3704.98	37000	1	/	2	36551.200	-42.90	-40	Pass

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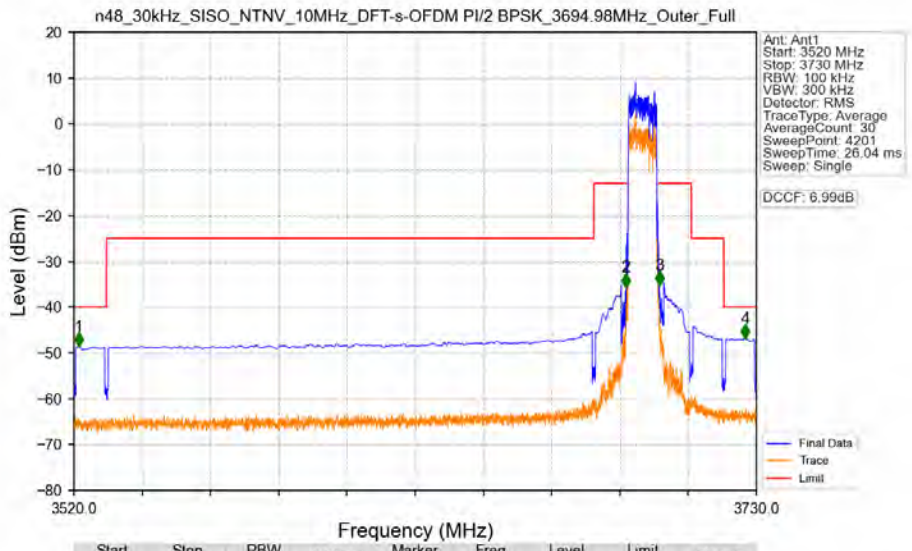

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3688.98	1	CHP	1	3521.450	-48.65	-40	Pass
3688.98	3689.98	0.1	/	2	3689.900	-35.66	-13	Pass
3689.98	3699.98	0.1	/	/	/	/	/	/
3699.98	3700.98	0.1	/	3	3700.150	-35.27	-13	Pass
3700.98	3730	1	CHP	4	3726.550	-46.84	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3694.98MHz_Inner_1RB_Right

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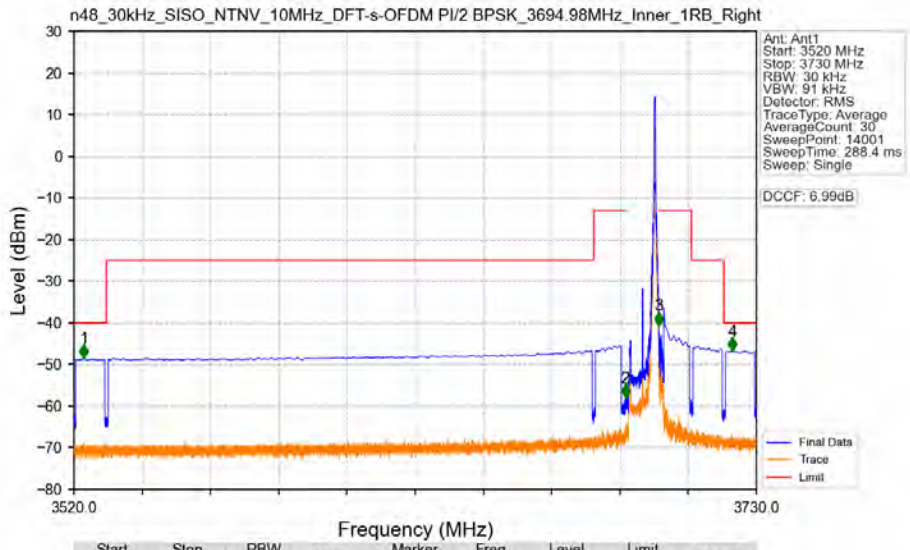

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3688.98	1	CHP	1	3523.090	-48.65	-40	Pass
3688.98	3689.98	0.03	/	2	3689.680	-58.07	-13	Pass
3689.98	3699.98	0.03	/	/	/	/	/	/
3699.98	3700.98	0.03	/	3	3700.000	-40.74	-13	Pass
3700.98	3730	1	CHP	4	3722.590	-46.80	-40	Pass

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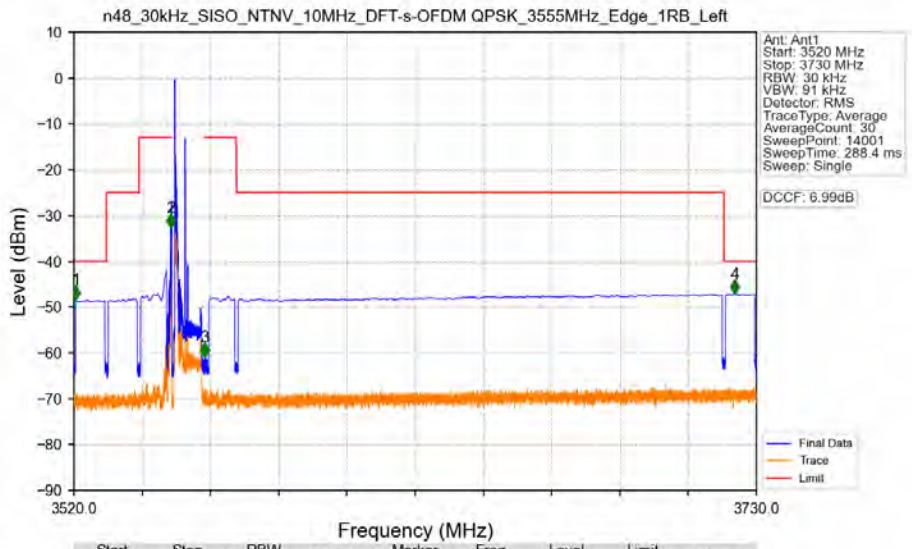
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3555MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549	1	CHP	1	3520.525	-48.43	-40	Pass
3549	3550	0.03	/	2	3549.835	-32.63	-13	Pass
3550	3560	0.03	/	/	/	/	/	/
3560	3561	0.03	/	3	3560.275	-60.94	-13	Pass
3561	3730	1	CHP	4	3723.340	-47.12	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3555MHz_Edge_1RB_Left

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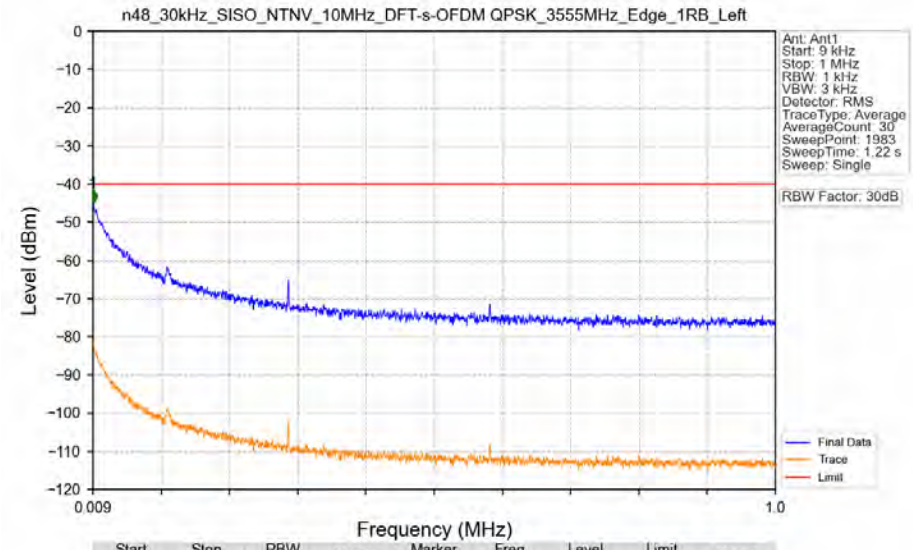

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-45.08	-40	Pass

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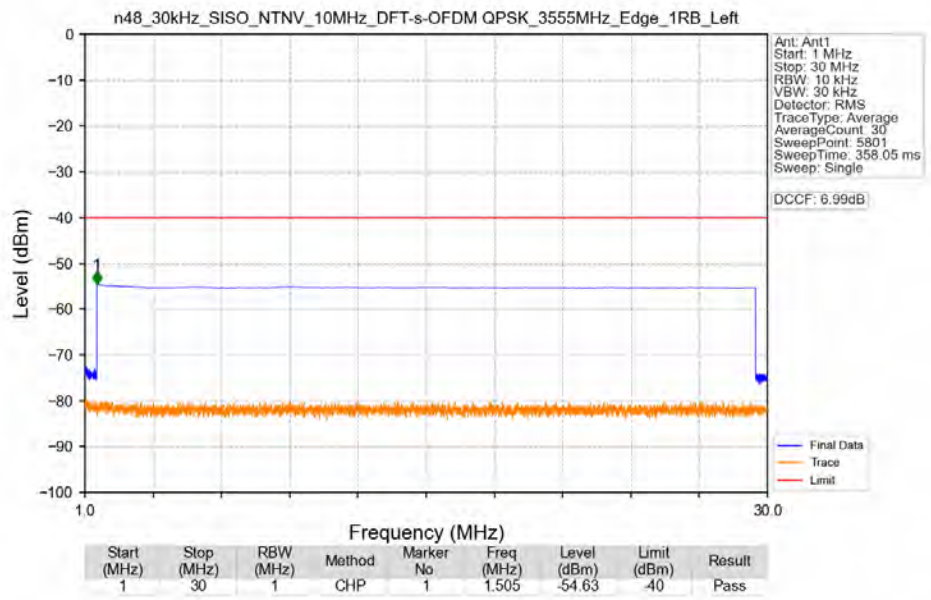

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-54.63	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3555MHz_Edge_1RB_Left

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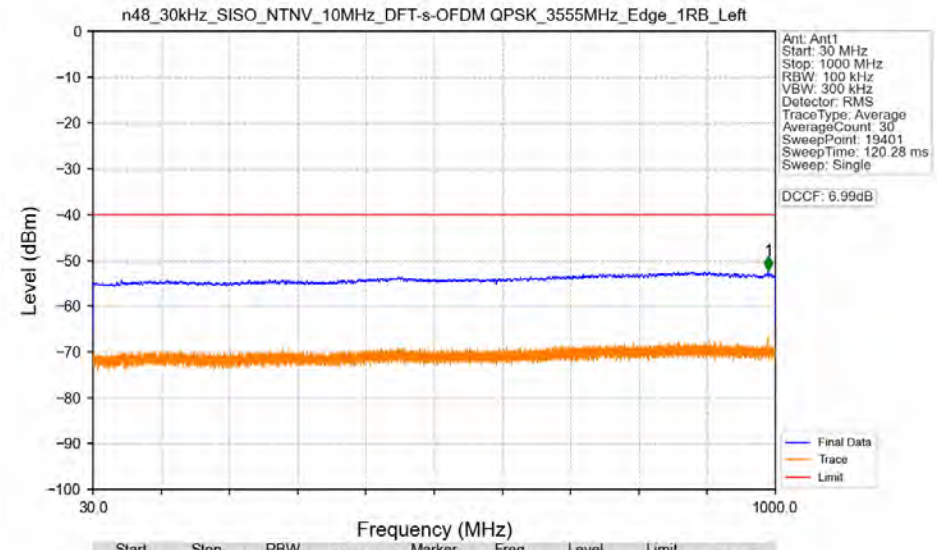

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	989.850	-52.19	-40	Pass

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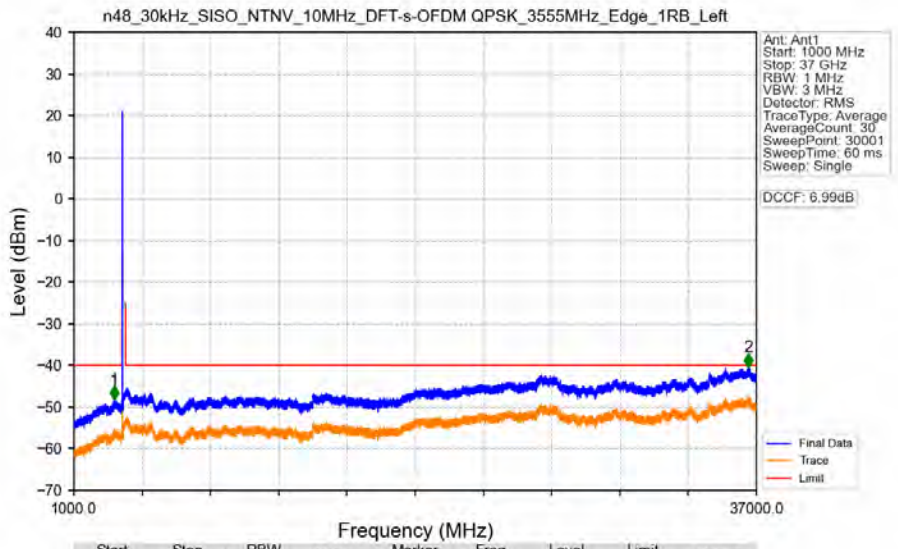

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3549	1	/	1	3130.000	-48.27	-40	Pass
3549	3565	1	/	/	/	/	/	/
3565	37000	1	/	2	36564.400	-40.45	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3555MHz_Outer_Full

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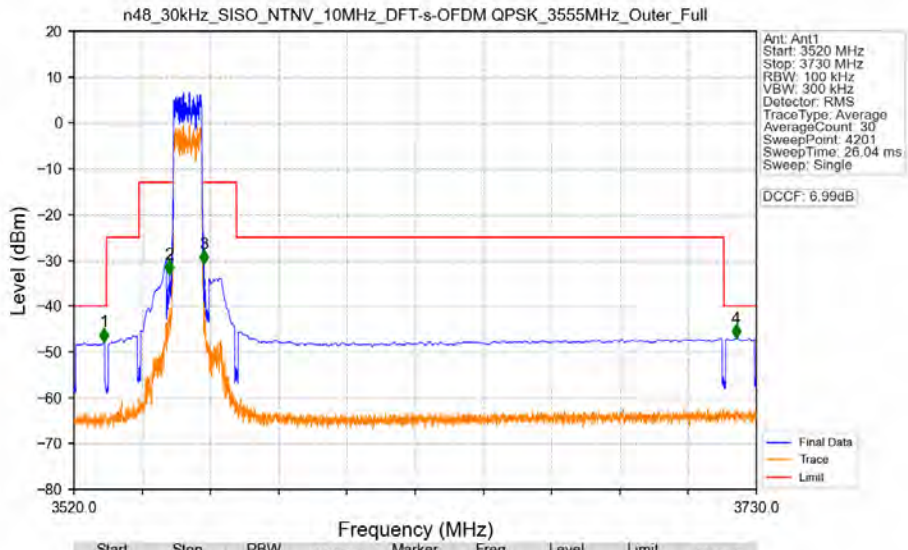

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549	1	CHP	1	3529.300	-47.82	-40	Pass
3549	3550	0.1	/	2	3549.400	-33.03	-13	Pass
3550	3560	0.1	/	/	/	/	/	/
3560	3561	0.1	/	3	3560.050	-30.81	-13	Pass
3561	3730	1	CHP	4	3723.800	-46.99	-40	Pass

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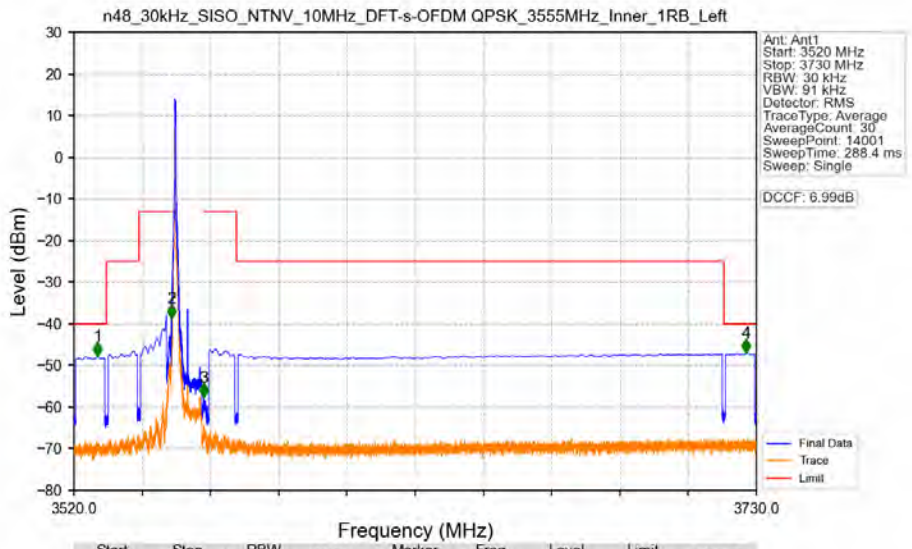

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549	1	CHP	1	3527.215	-47.85	-40	Pass
3549	3550	0.03	/	2	3549.985	-38.71	-13	Pass
3550	3560	0.03	/	/	/	/	/	/
3560	3561	0.03	/	3	3560.005	-57.70	-13	Pass
3561	3730	1	CHP	4	3726.895	-47.10	-40	Pass

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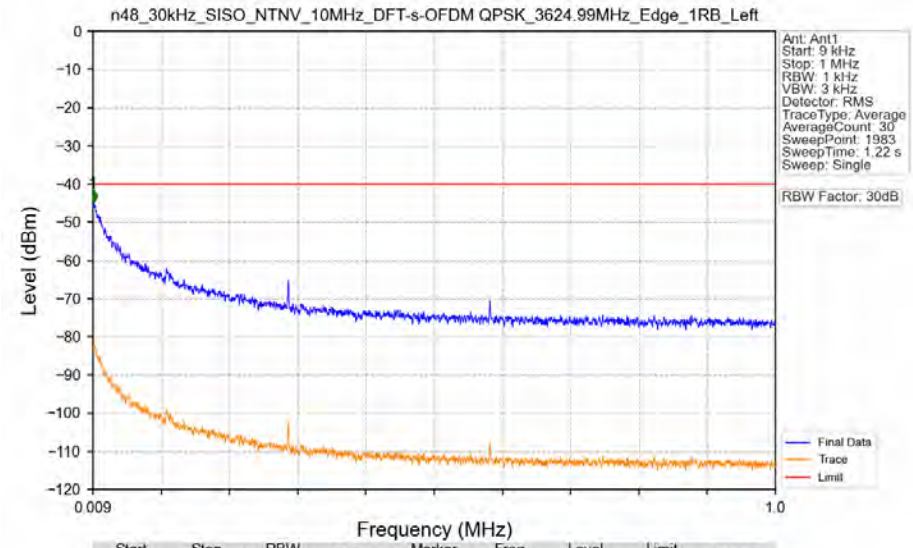

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-45.16	-40	Pass

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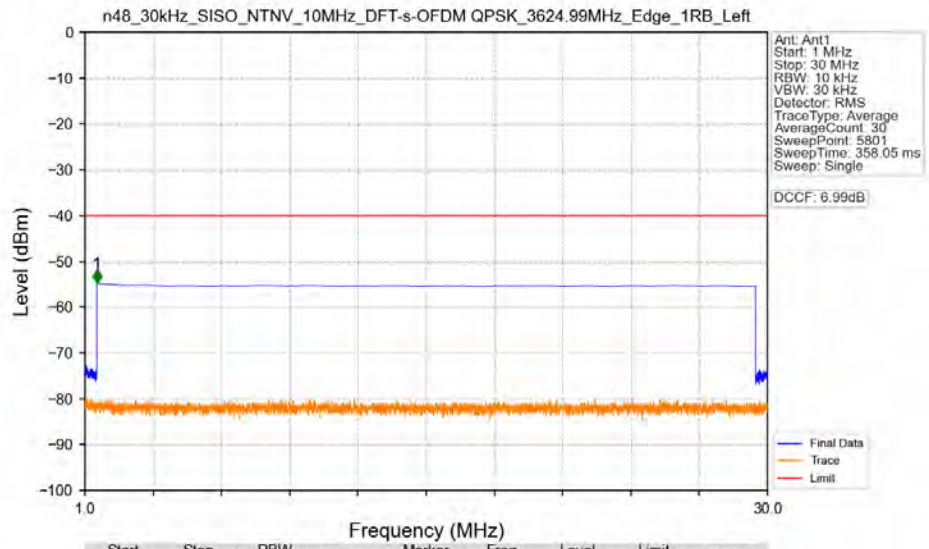

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.515	-54.83	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3624.99MHz_Edge_1RB_Left

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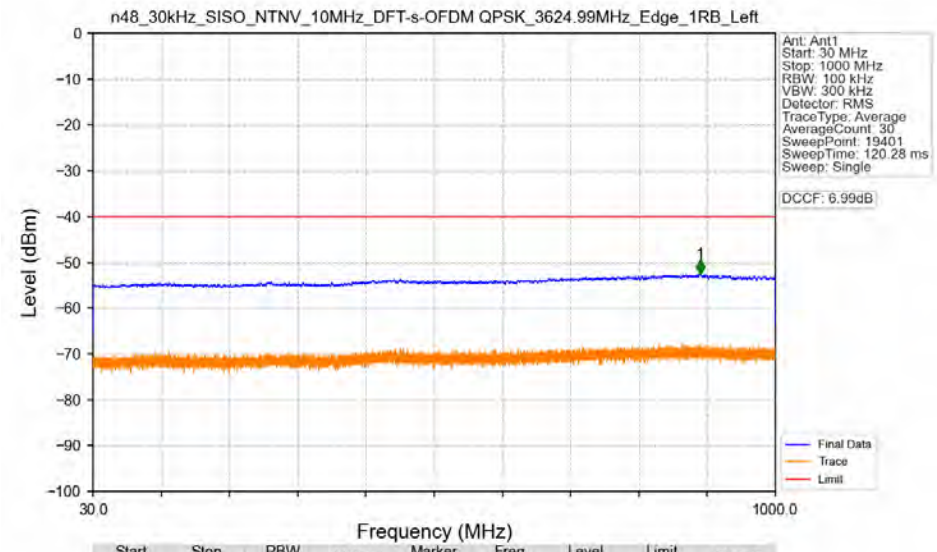

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	893.350	-52.52	-40	Pass

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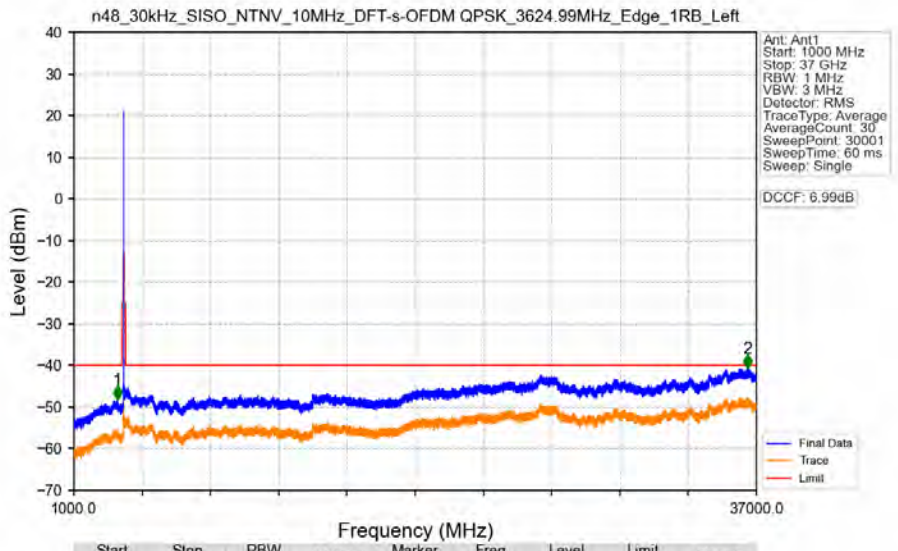

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3618.99	1	/	1	3295.600	-48.32	-40	Pass
3618.99	3634.99	1	/	/	/	/	/	/
3634.99	37000	1	/	2	36529.600	-40.66	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3694.98MHz_Edge_1RB_Right

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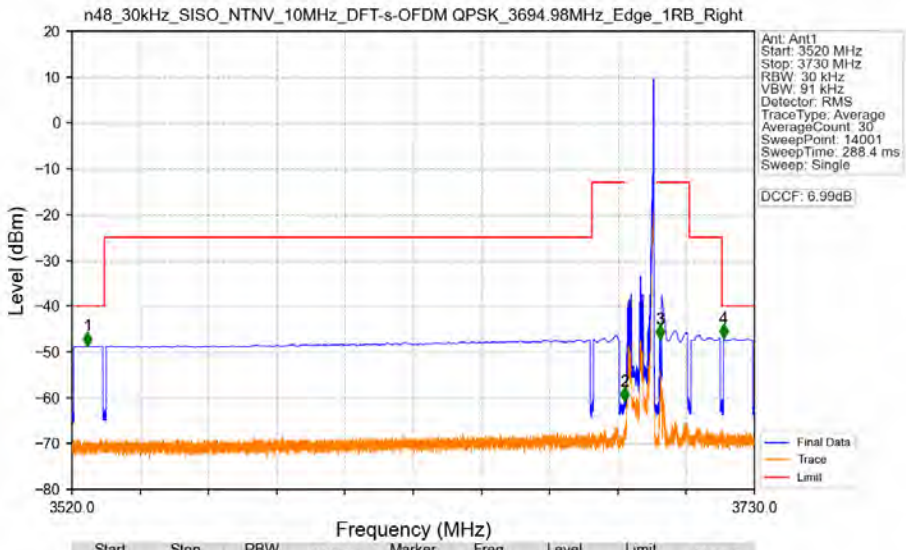

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3688.98	1	CHP	1	3524.830	-48.71	-40	Pass
3688.98	3689.98	0.03	/	2	3689.980	-60.72	-13	Pass
3689.98	3699.98	0.03	/	/	/	/	/	/
3699.98	3700.98	0.03	/	3	3700.930	-47.18	-13	Pass
3700.98	3730	1	CHP	4	3720.505	-47.04	-40	Pass

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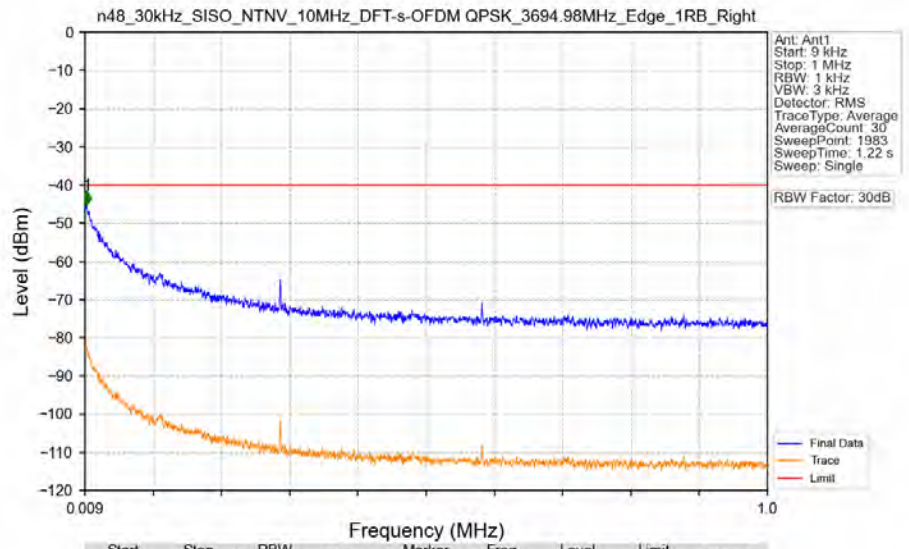

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.011	-45.35	-40	Pass

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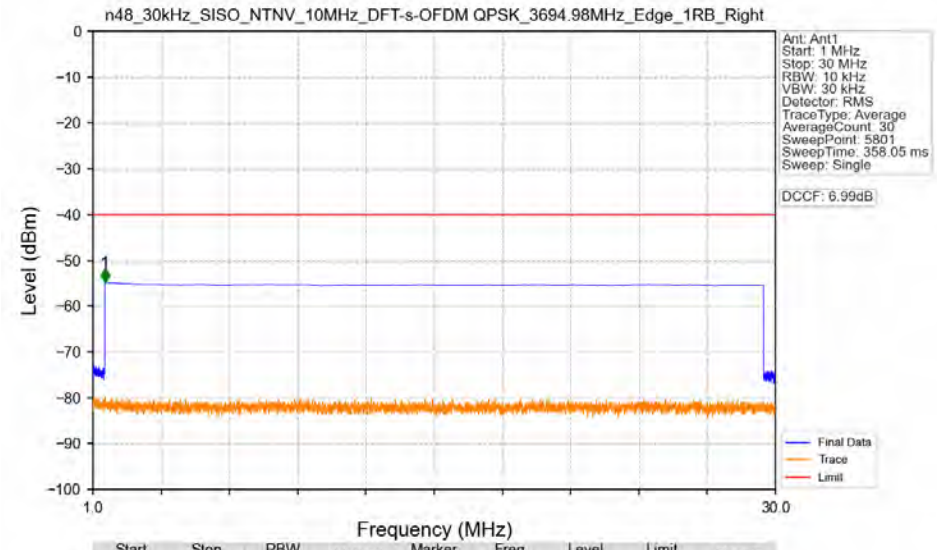

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.515	-54.84	-40	Pass

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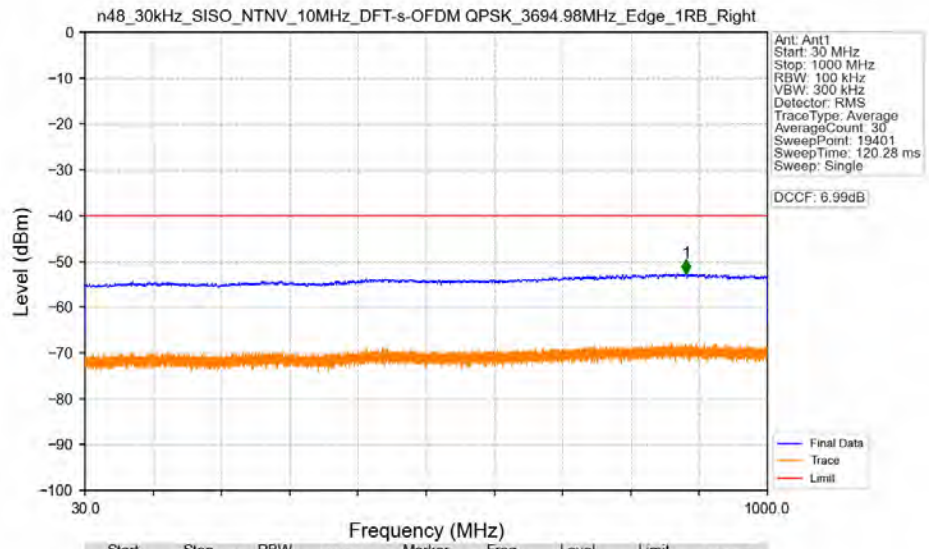

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	884.450	-52.64	-40	Pass

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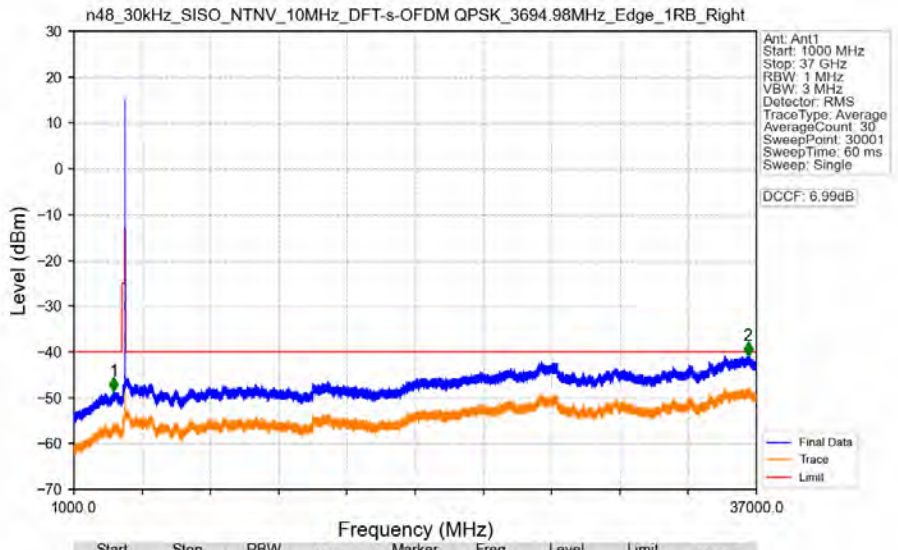

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3688.98	1	/	1	3090.400	-48.57	-40	Pass
3688.98	3704.98	1	/	/	/	/	/	/
3704.98	37000	1	/	2	36556.000	-40.81	-40	Pass

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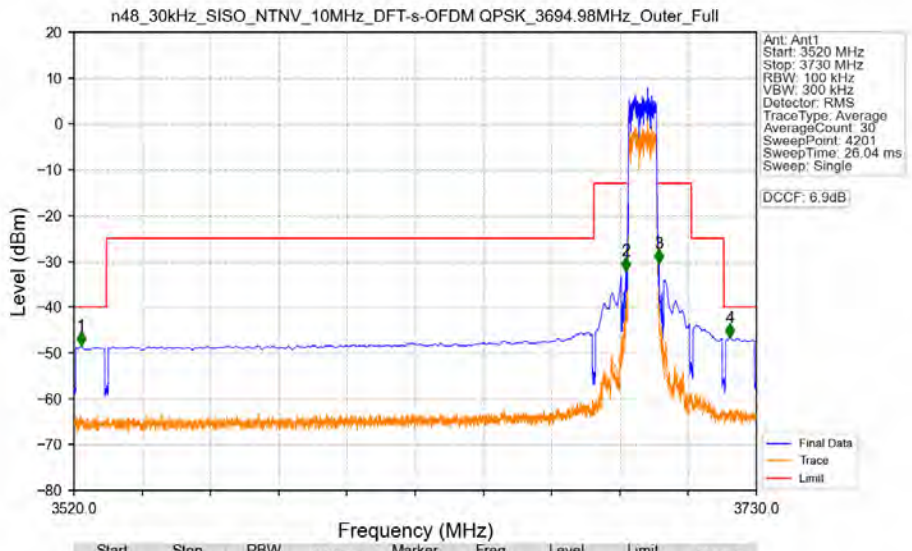

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3688.98	1	CHP	1	3522.200	-48.47	-40	Pass
3688.98	3689.98	0.1	/	2	3689.850	-32.14	-13	Pass
3689.98	3699.98	0.1	/	/	/	/	/	/
3699.98	3700.98	0.1	/	3	3700.050	-30.39	-13	Pass
3700.98	3730	1	CHP	4	3721.850	-46.70	-40	Pass

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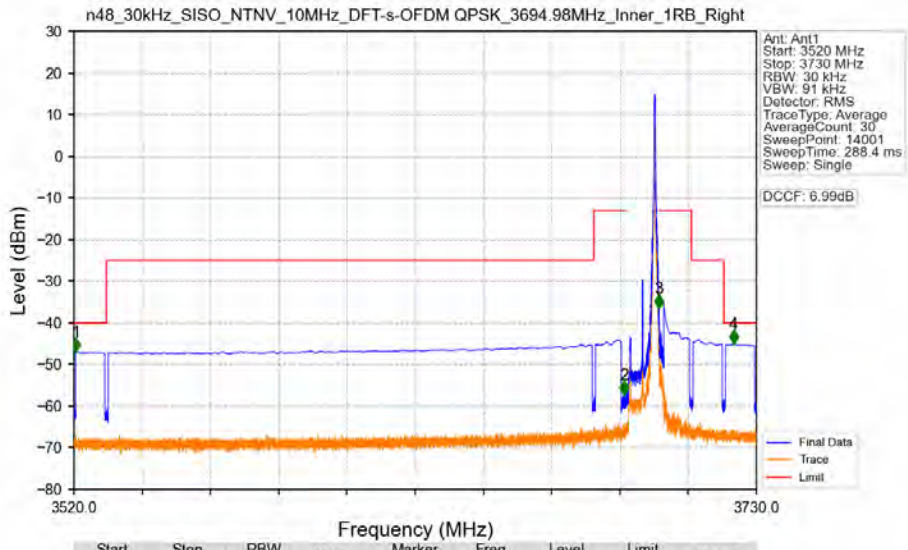

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3688.98	1	CHP	1	3520.555	-46.98	-40	Pass
3688.98	3689.98	0.03	/	2	3689.290	-57.26	-13	Pass
3689.98	3699.98	0.03	/	/	/	/	/	/
3699.98	3700.98	0.03	/	3	3700.015	-36.63	-13	Pass
3700.98	3730	1	CHP	4	3723.010	-45.06	-40	Pass

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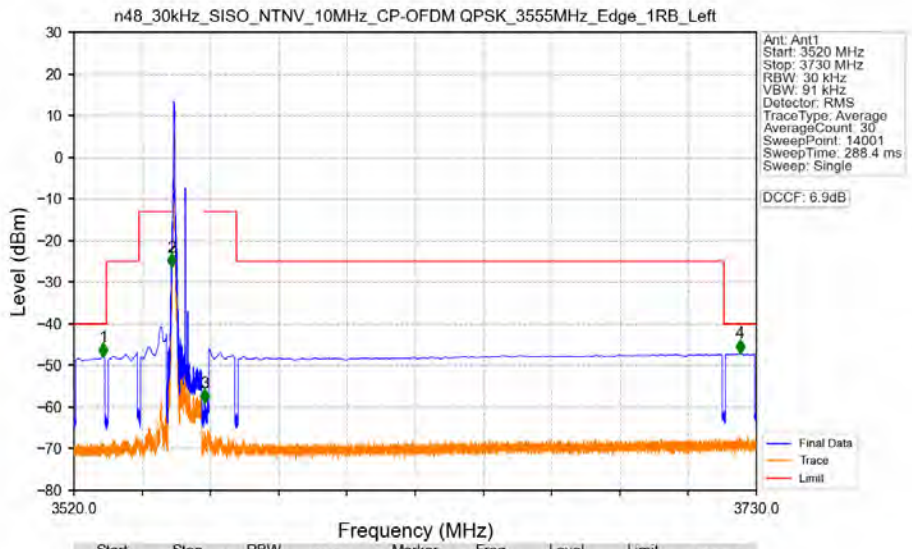

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549	1	CHP	1	3528.970	-47.95	-40	Pass
3549	3550	0.03	/	2	3549.985	-26.53	-13	Pass
3550	3560	0.03	/	/	/	/	/	/
3560	3561	0.03	/	3	3560.245	-59.14	-13	Pass
3561	3730	1	CHP	4	3724.975	-47.14	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3555MHz_Edge_1RB_Left

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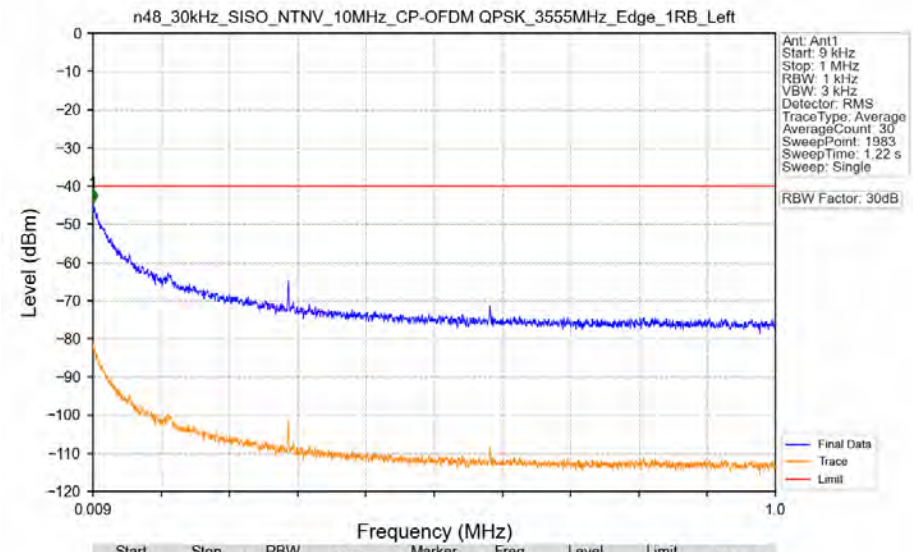

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-44.44	-40	Pass

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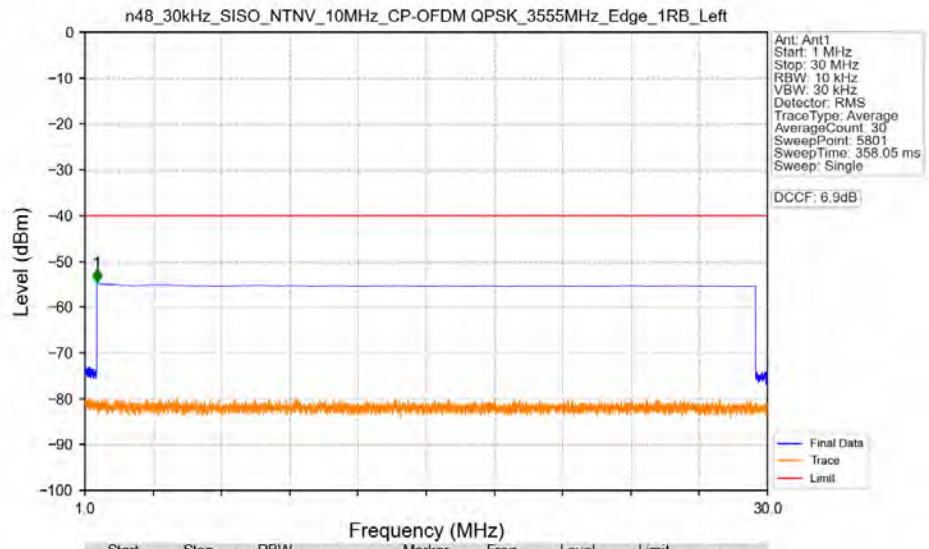

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-54.75	-40	Pass

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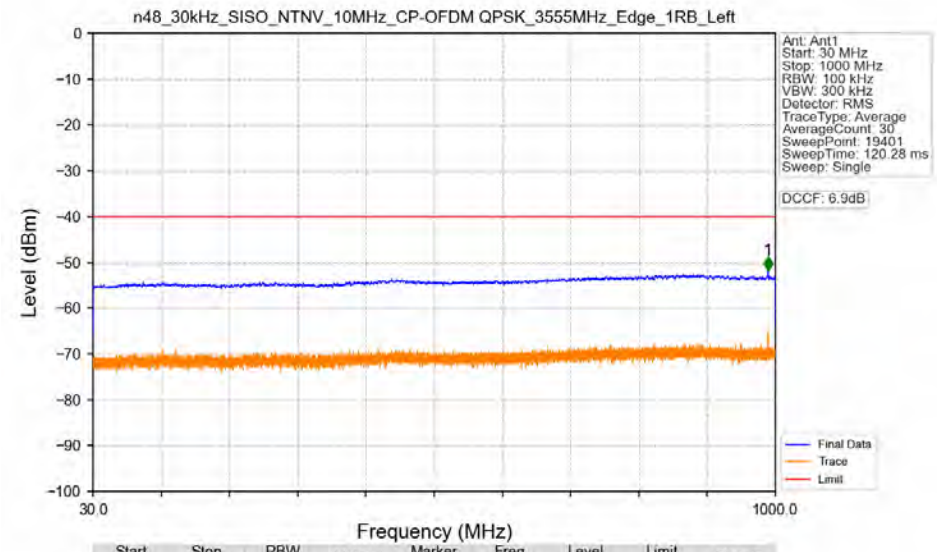

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	989.250	-51.78	-40	Pass

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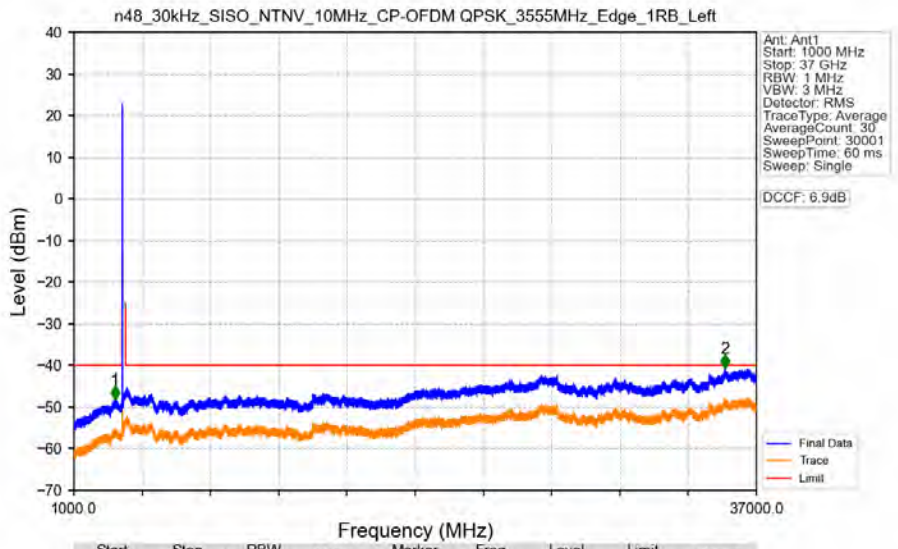
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3555MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3549	1	/	1	3162.400	-48.23	-40	Pass
3549	3565	1	/	/	/	/	/	/
3565	37000	1	/	2	35332.000	-40.76	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3555MHz_Outer_Full

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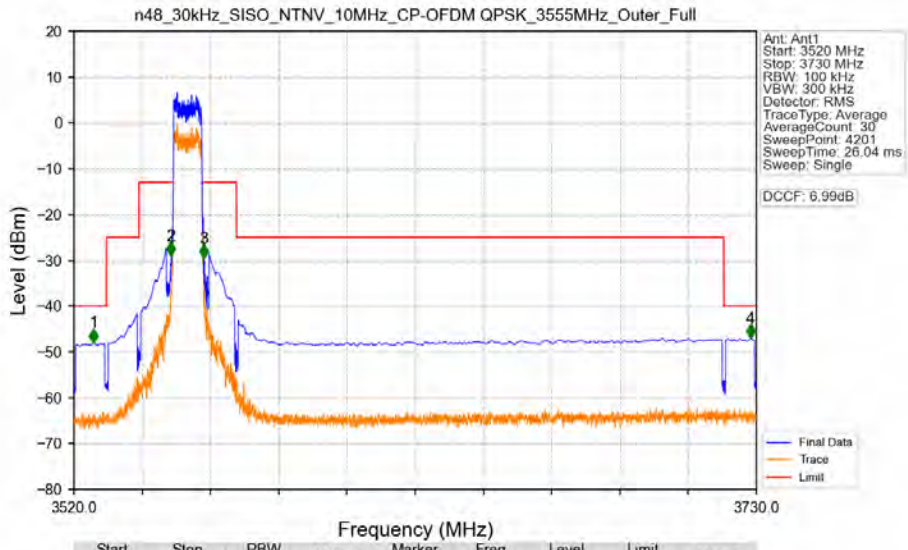

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549	1	CHP	1	3526.000	-48.01	-40	Pass
3549	3550	0.1	/	2	3549.900	-29.09	-13	Pass
3550	3560	0.1	/	/	/	/	/	/
3560	3561	0.1	/	3	3560.050	-29.55	-13	Pass
3561	3730	1	CHP	4	3728.200	-47.07	-40	Pass

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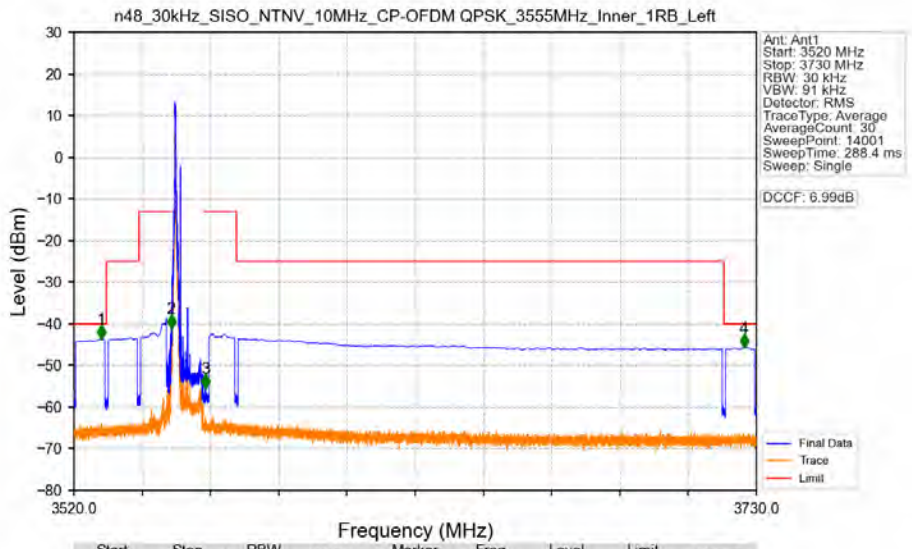

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549	1	CHP	1	3528.325	-43.73	-40	Pass
3549	3550	0.03	/	2	3549.940	-41.26	-13	Pass
3550	3560	0.03	/	/	/	/	/	/
3560	3561	0.03	/	3	3560.470	-55.51	-13	Pass
3561	3730	1	CHP	4	3726.250	-45.81	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3624.99MHz_Edge_1RB_Left

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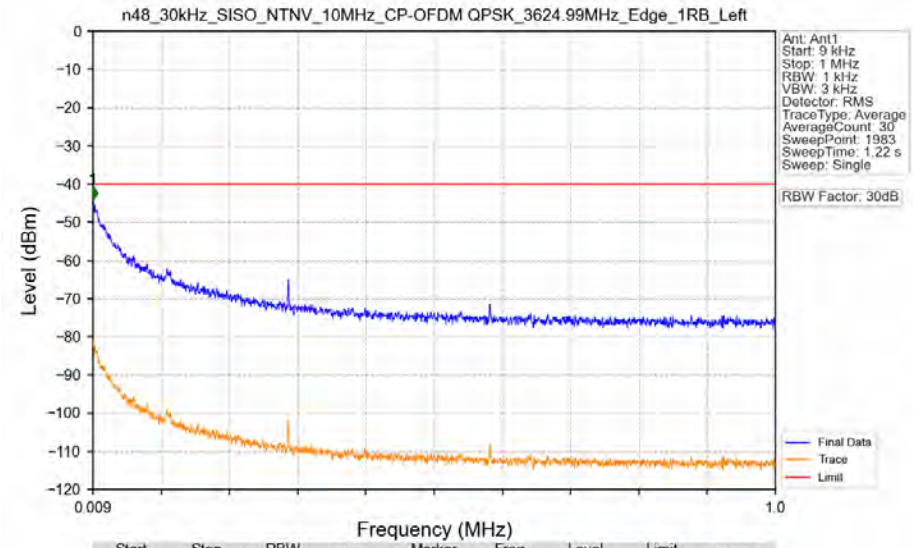

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-44.15	-40	Pass

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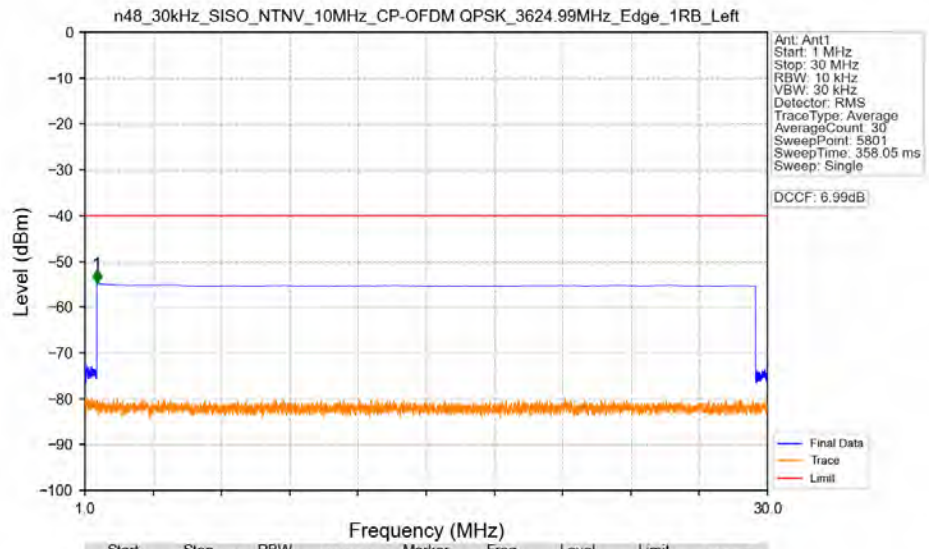

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-54.85	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3624.99MHz_Edge_1RB_Left

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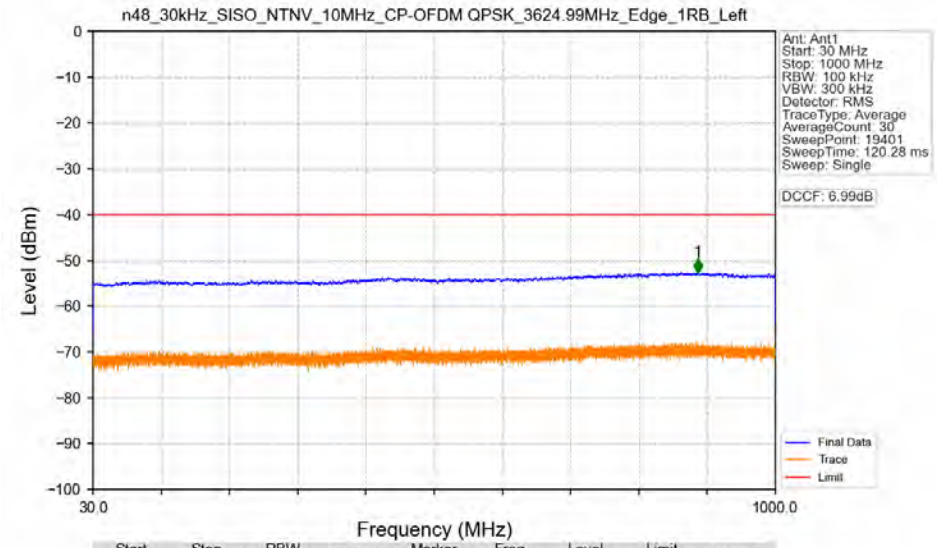

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	889.950	-52.64	-40	Pass

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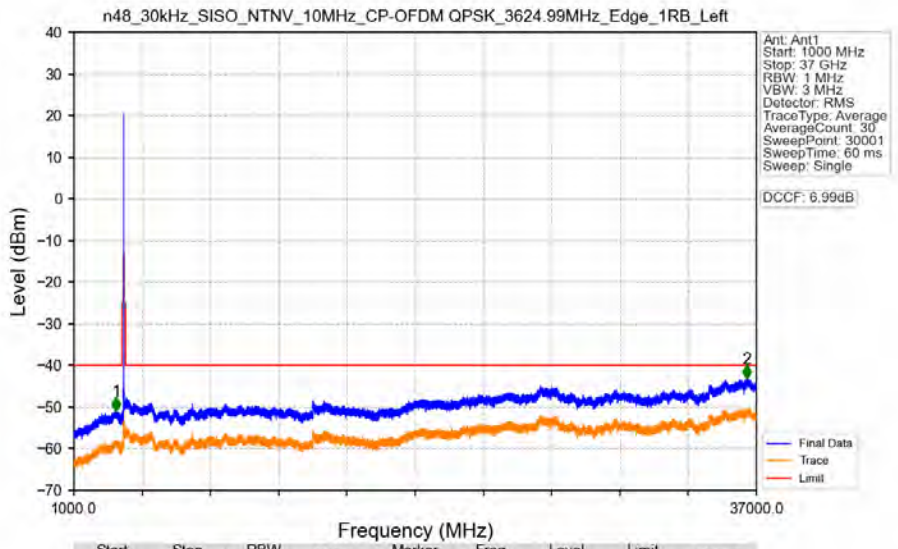

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3618.99	1	/	1	3222.400	-51.01	-40	Pass
3618.99	3634.99	1	/	/	/	/	/	/
3634.99	37000	1	/	2	36496.000	-43.31	-40	Pass

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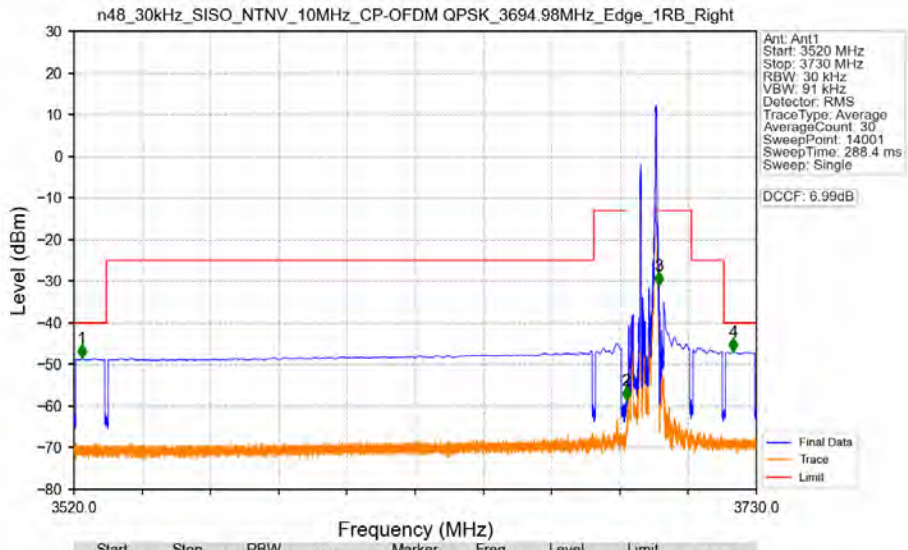

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3688.98	1	CHP	1	3522.490	-48.56	-40	Pass
3688.98	3689.98	0.03	/	2	3689.920	-58.65	-13	Pass
3689.98	3699.98	0.03	/	/	/	/	/	/
3699.98	3700.98	0.03	/	3	3700.060	-31.11	-13	Pass
3700.98	3730	1	CHP	4	3722.860	-47.04	-40	Pass

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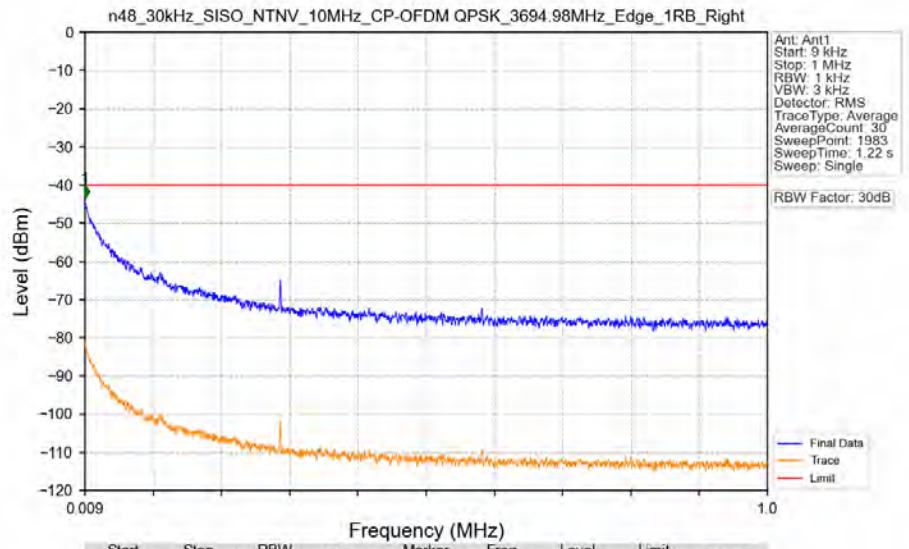

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-43.61	-40	Pass

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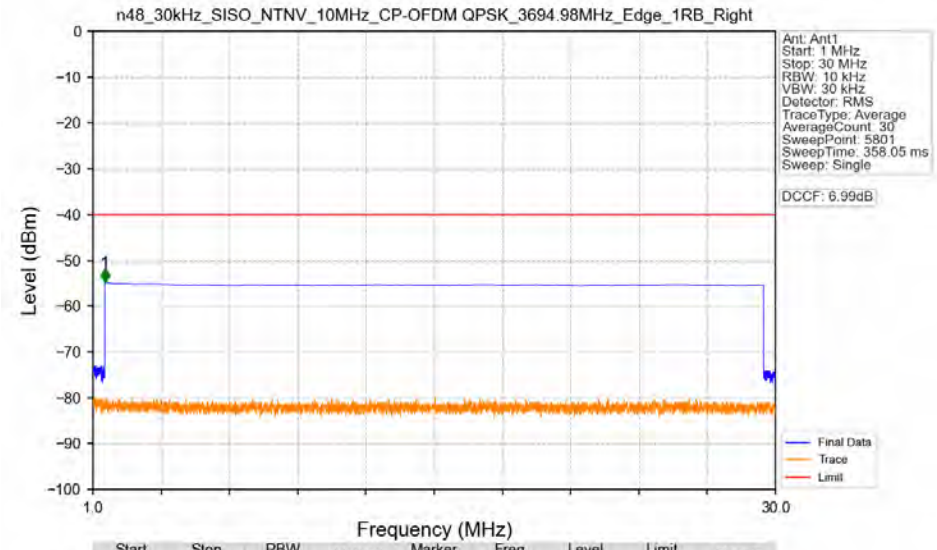

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-54.84	-40	Pass

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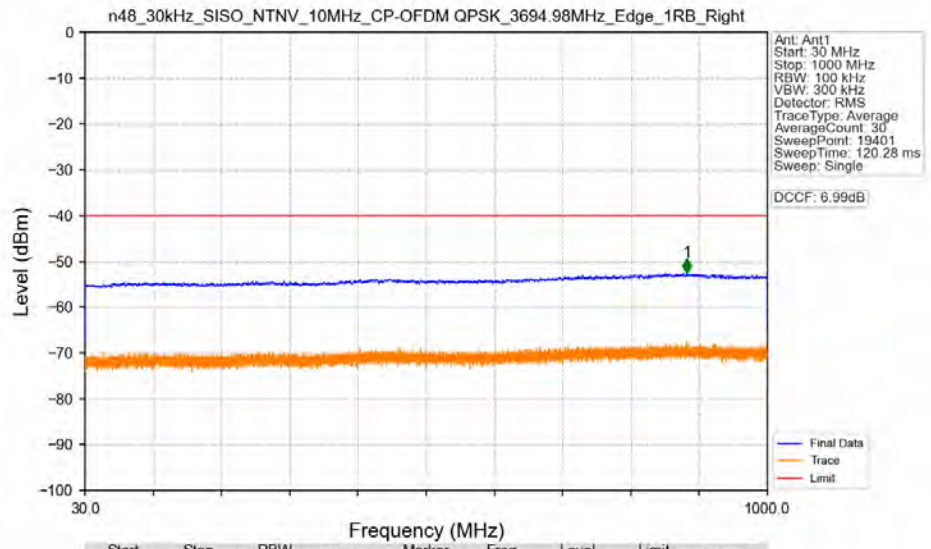

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	885.500	-52.50	-40	Pass

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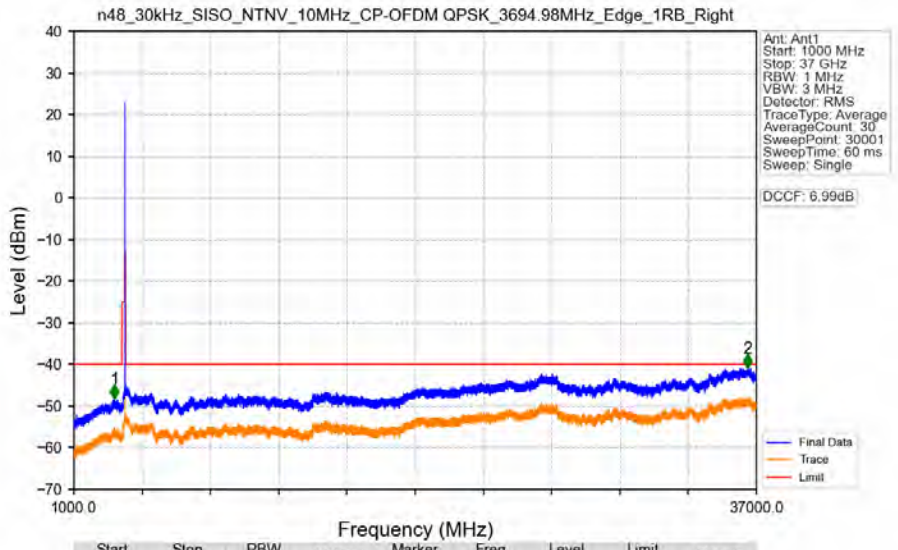

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3688.98	1	/	1	3131.200	-48.29	-40	Pass
3688.98	3704.98	1	/	/	/	/	/	/
3704.98	37000	1	/	2	36547.600	-40.84	-40	Pass

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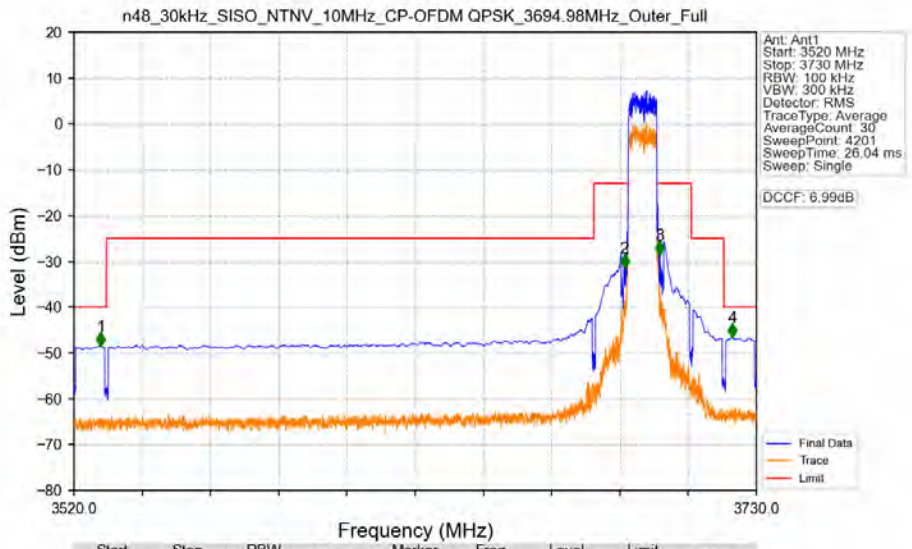
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3694.98MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3688.98	1	CHP	1	3528.250	-48.57	-40	Pass
3688.98	3689.98	0.1	/	2	3689.450	-31.57	-13	Pass
3689.98	3699.98	0.1	/	/	/	/	/	/
3699.98	3700.98	0.1	/	3	3700.100	-28.67	-13	Pass
3700.98	3730	1	CHP	4	3722.650	-46.70	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3694.98MHz_Inner_1RB_Right

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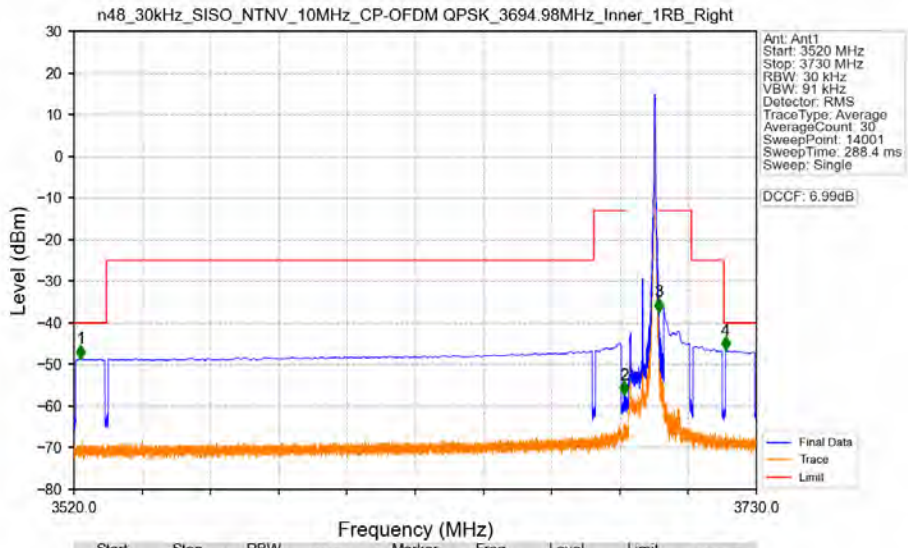

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3688.98	1	CHP	1	3522.070	-48.67	-40	Pass
3688.98	3689.98	0.03	/	2	3689.260	-57.34	-13	Pass
3689.98	3699.98	0.03	/	/	/	/	/	/
3699.98	3700.98	0.03	/	3	3699.985	-37.44	-13	Pass
3700.98	3730	1	CHP	4	3720.580	-46.71	-40	Pass

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5.2 30k_SISO_20MHz_NTNV

5.2.1 Test Result

5G NR n48 SCS=30kHz SISO 20MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant4	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3560.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass
	3690	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	3560.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass
	3690	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	3560.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass
	3690	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

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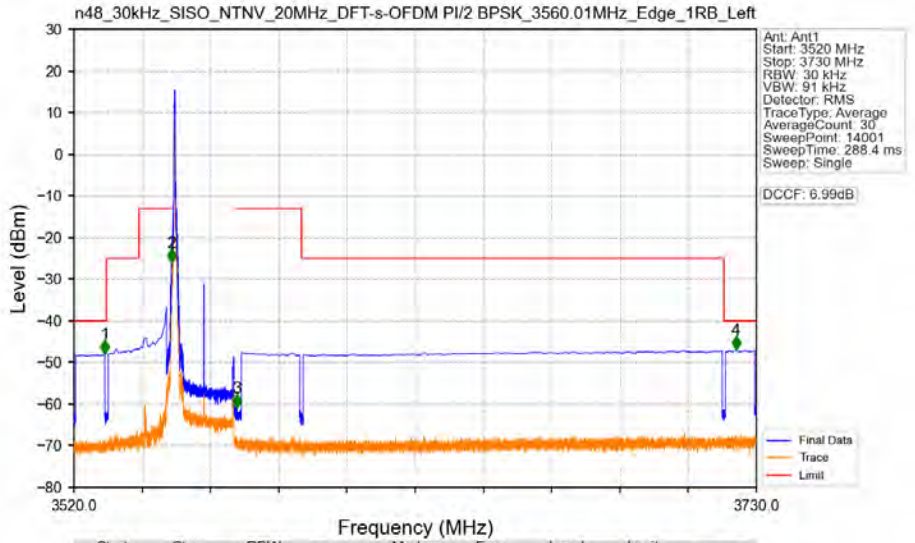

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549.01	1	CHP	1	3529.450	-48.00	-40	Pass
3549.01	3550.01	0.03	/	2	3550.000	-26.13	-13	Pass
3550.01	3570.01	0.03	/	/	/	/	/	/
3570.01	3571.01	0.03	/	3	3570.130	-60.95	-13	Pass
3571.01	3730	1	CHP	4	3723.805	-47.03	-40	Pass

n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3560.01MHz_Edge_1RB_Left

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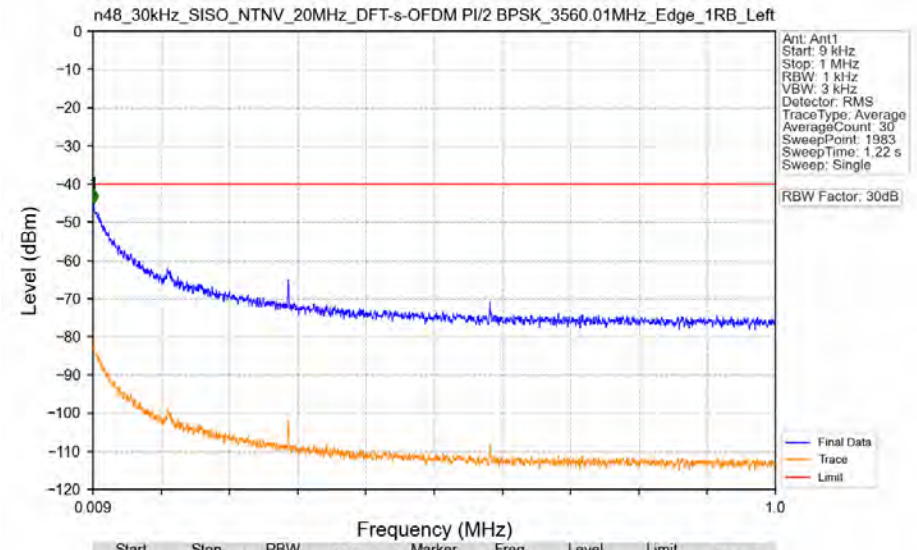

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.010	-45.18	-40	Pass

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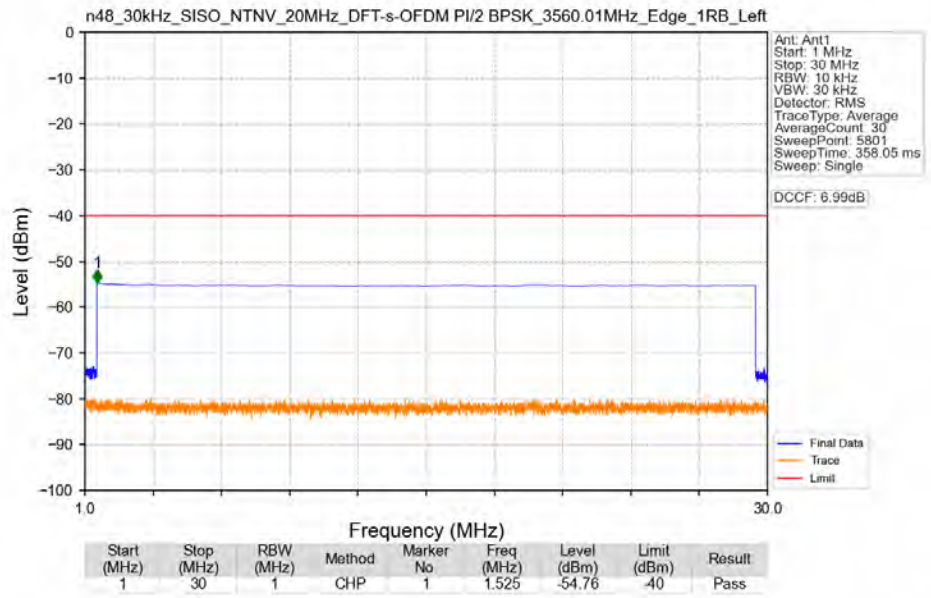

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.525	-54.76	-40	Pass

n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3560.01MHz_Edge_1RB_Left

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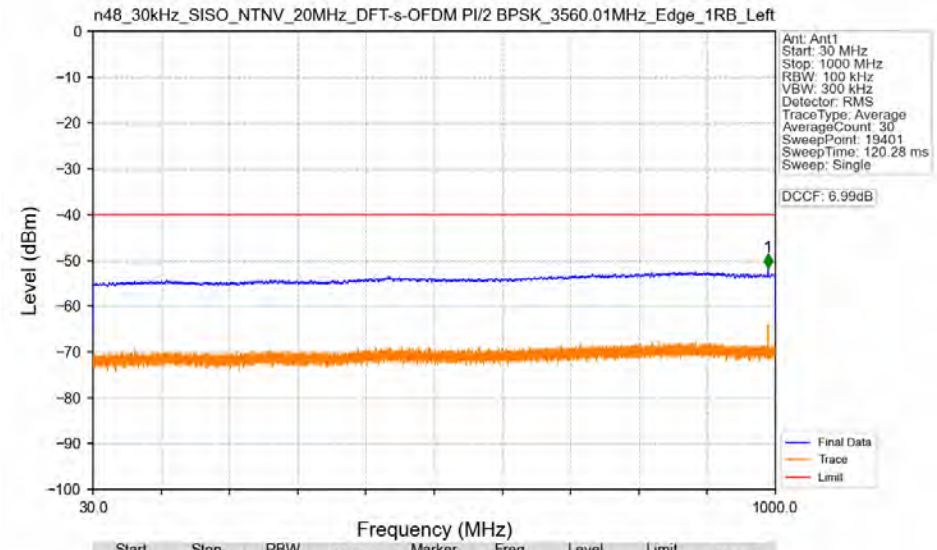

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	989.600	-51.59	-40	Pass

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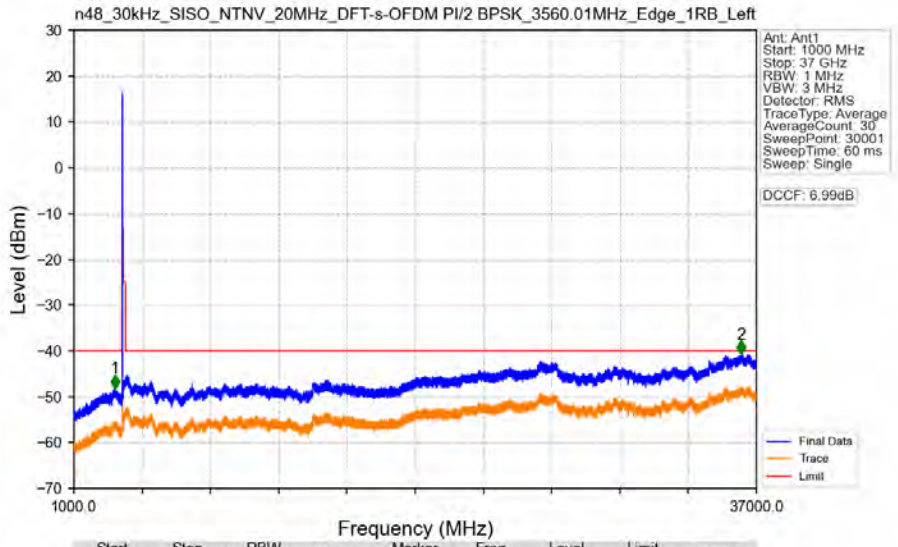

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3549.01	1	/	1	3152.800	-48.24	-40	Pass
3549.01	3575.01	1	/	/	/	/	/	/
3575.01	37000	1	/	2	36199.600	-40.67	-40	Pass

n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3560.01MHz_Outer_Full

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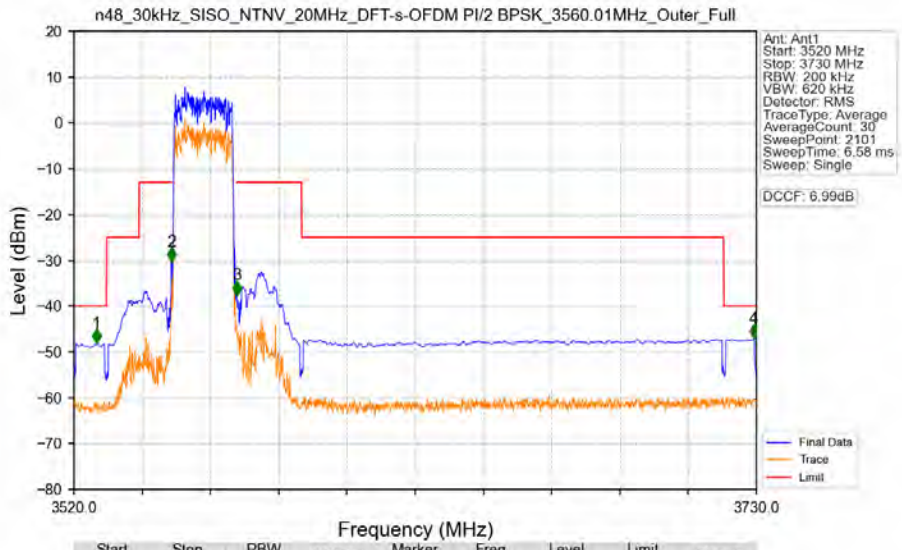

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549.01	1	CHP	1	3526.900	-48.13	-40	Pass
3549.01	3550.01	0.2	/	2	3550.000	-30.22	-13	Pass
3550.01	3570.01	0.2	/	/	/	/	/	/
3570.01	3571.01	0.2	/	3	3570.100	-37.58	-13	Pass
3571.01	3730	1	CHP	4	3729.200	-47.04	-40	Pass

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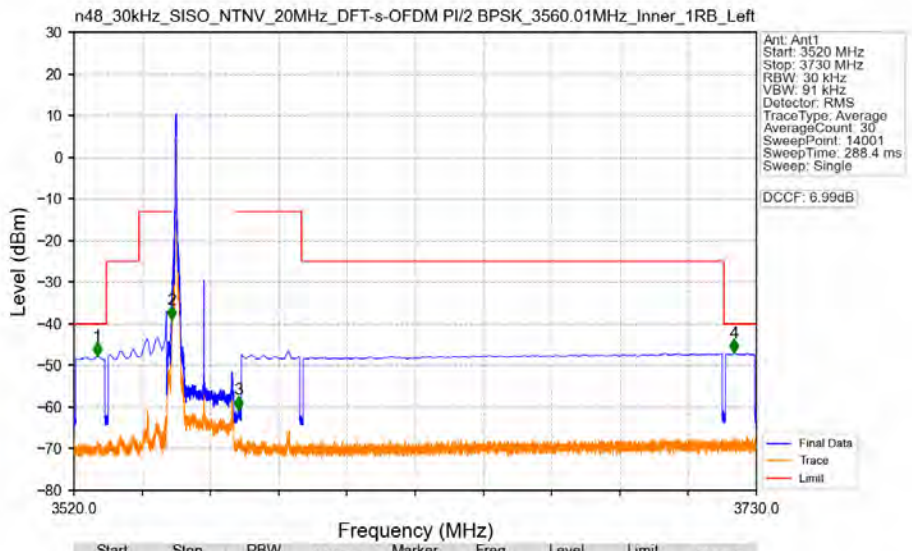

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549.01	1	CHP	1	3527.185	-47.76	-40	Pass
3549.01	3550.01	0.03	/	2	3550.000	-39.12	-13	Pass
3550.01	3570.01	0.03	/	/	/	/	/	/
3570.01	3571.01	0.03	/	3	3570.625	-60.71	-13	Pass
3571.01	3730	1	CHP	4	3723.100	-47.11	-40	Pass

n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Edge_1RB_Left

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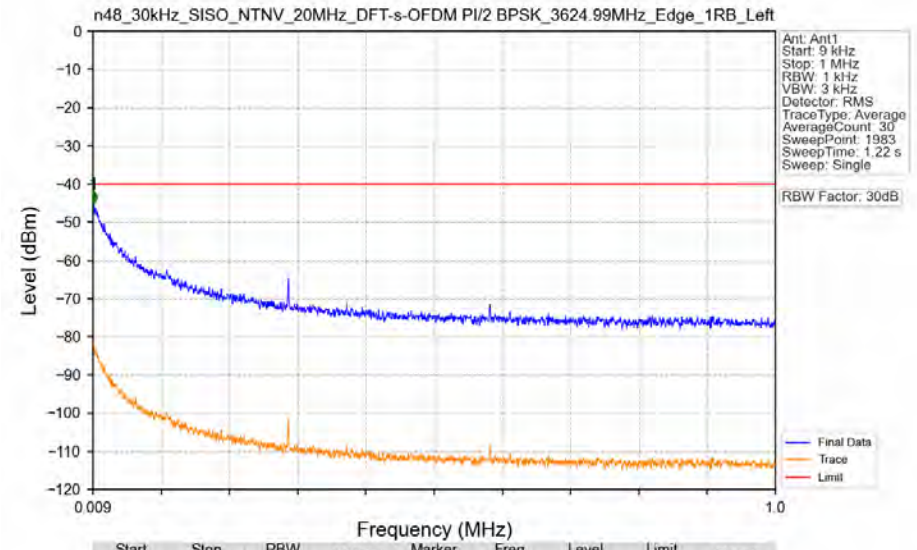

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-45.24	-40	Pass

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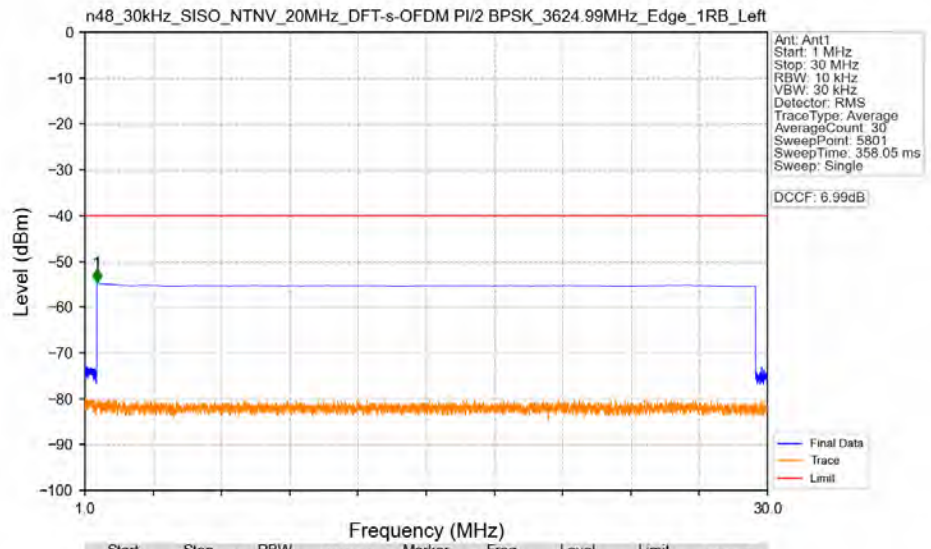
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-54.75	-40	Pass

n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Edge_1RB_Left

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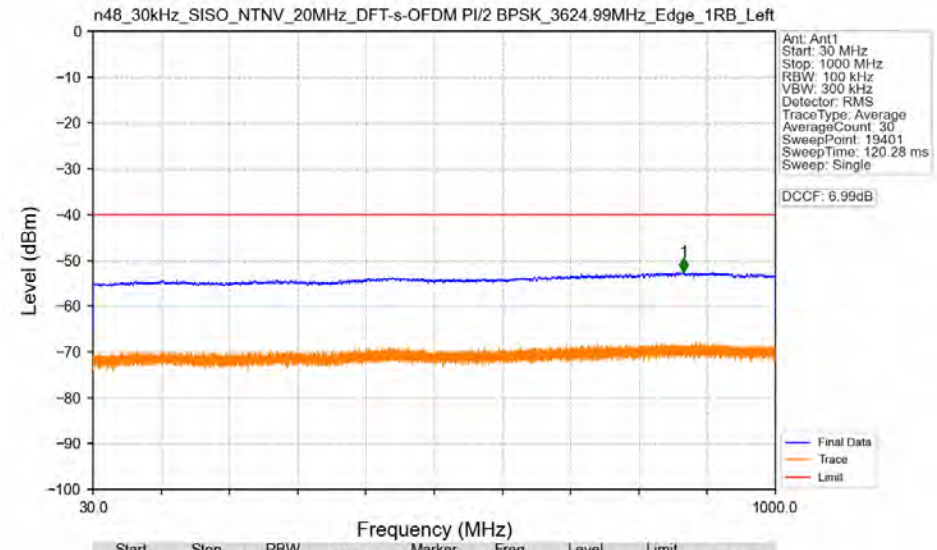

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	869.400	-52.56	-40	Pass

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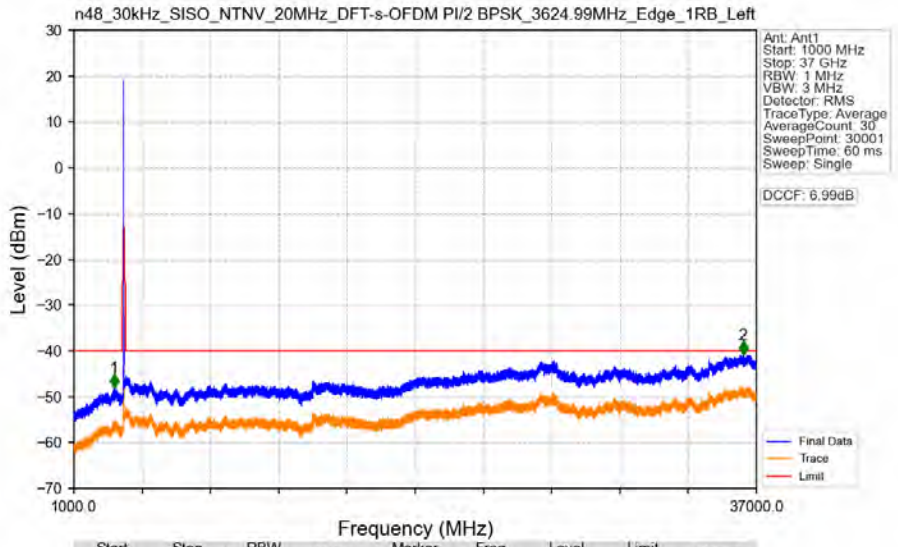

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3613.99	1	/	1	3127.600	-48.10	-40	Pass
3613.99	3639.99	1	/	/	/	/	/	/
3639.99	37000	1	/	2	36299.200	-40.92	-40	Pass

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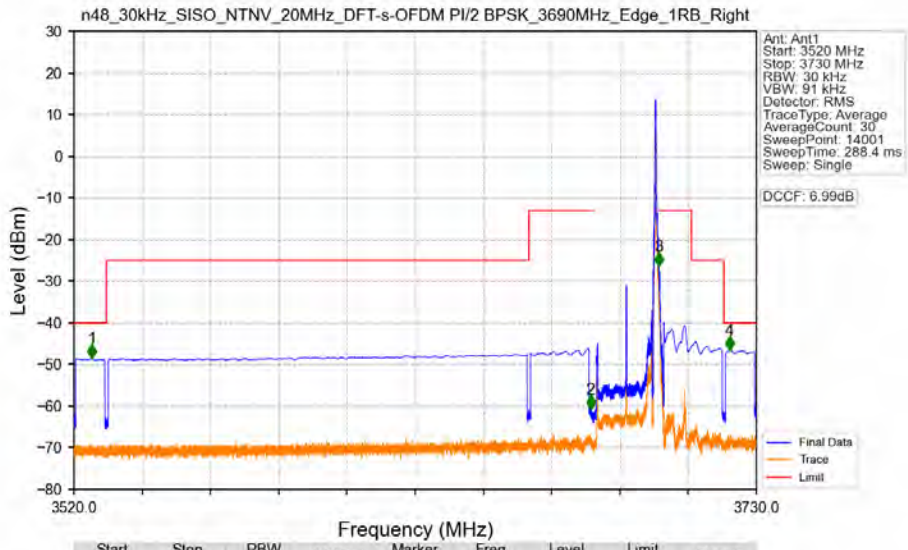

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3679	1	CHP	1	3525.505	-48.62	-40	Pass
3679	3680	0.03	/	2	3679.015	-60.73	-13	Pass
3680	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	3	3700.000	-26.39	-13	Pass
3701	3730	1	CHP	4	3721.735	-46.65	-40	Pass

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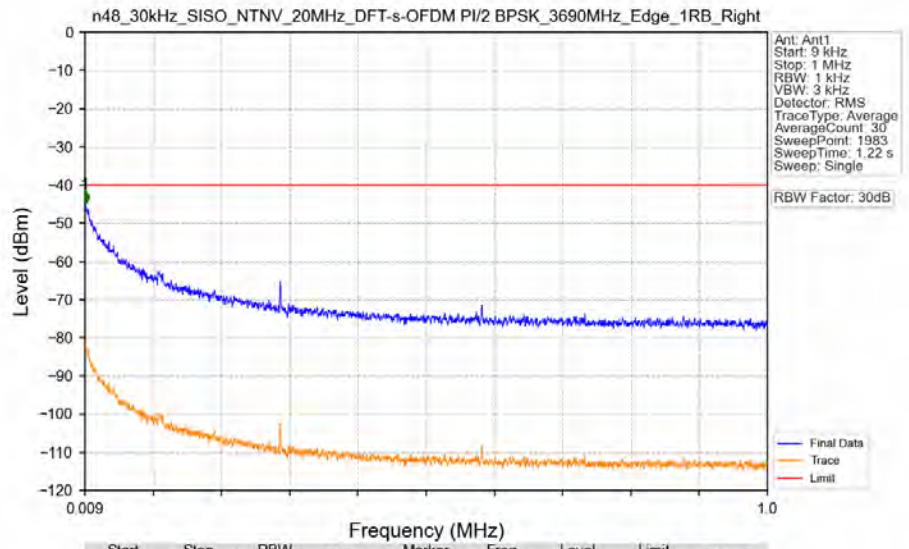

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-45.07	-40	Pass

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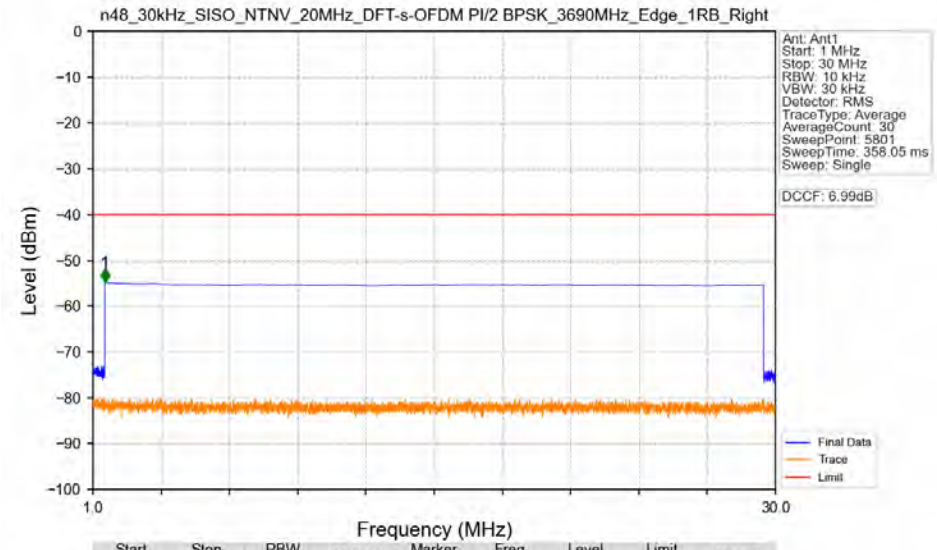

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-54.85	-40	Pass

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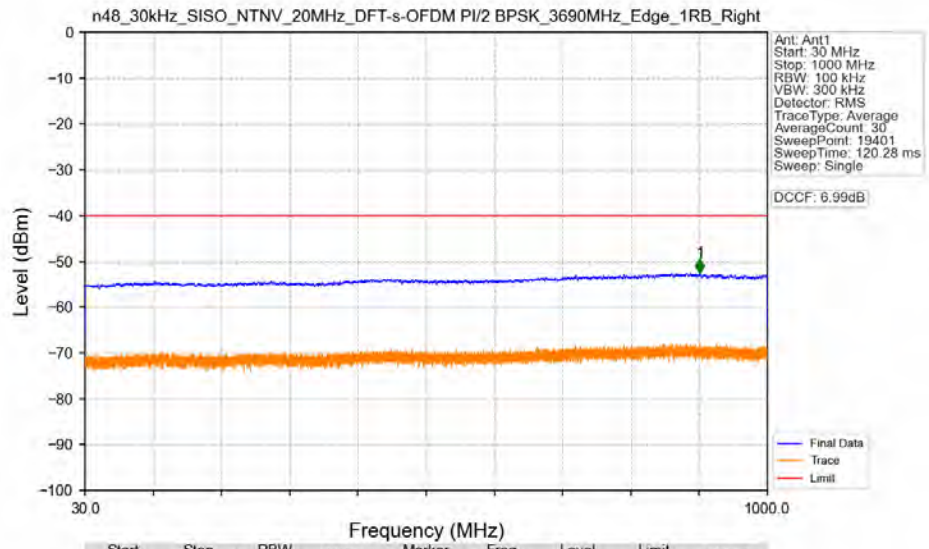

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	904.050	-52.60	-40	Pass

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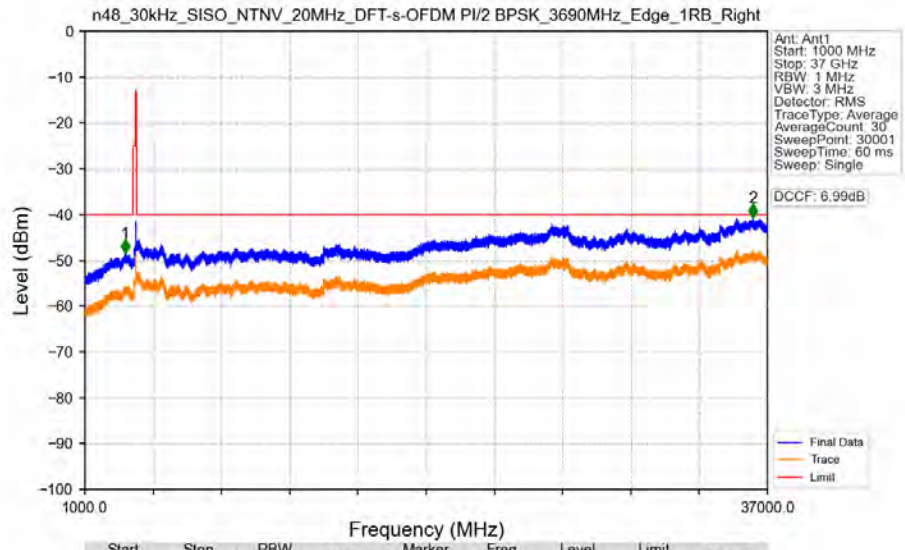

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3679	1	/	1	3115.600	-48.52	-40	Pass
3679	3705	1	/	/	/	/	/	/
3705	37000	1	/	2	36250.000	-40.77	-40	Pass

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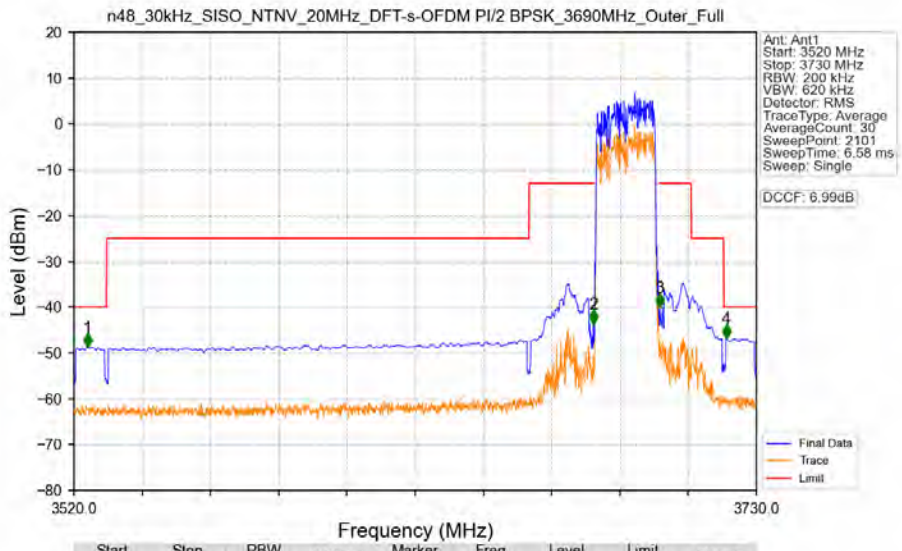

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3679	1	CHP	1	3524.100	-48.79	-40	Pass
3679	3680	0.2	/	2	3679.800	-43.62	-13	Pass
3680	3700	0.2	/	/	/	/	/	/
3700	3701	0.2	/	3	3700.300	-40.10	-13	Pass
3701	3730	1	CHP	4	3720.700	-46.87	-40	Pass

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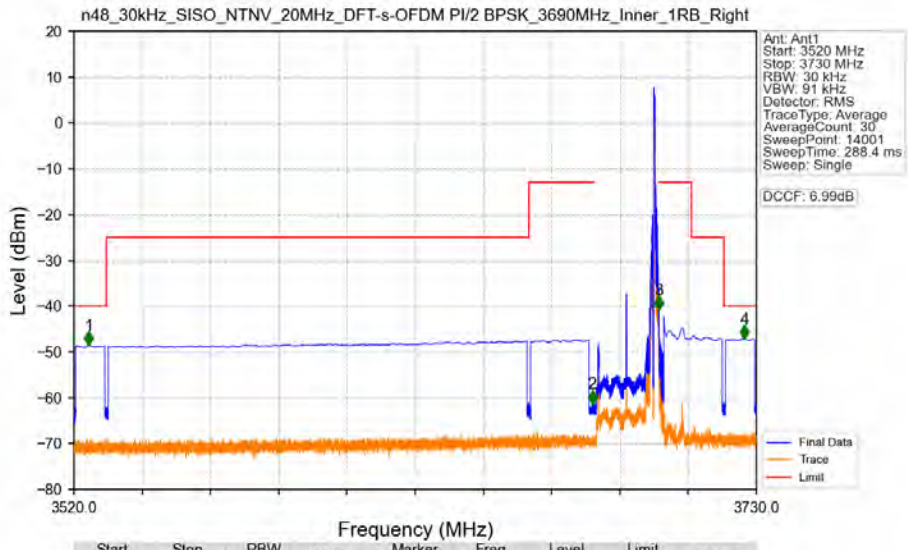

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3679	1	CHP	1	3524.545	-48.63	-40	Pass
3679	3680	0.03	/	2	3679.525	-61.40	-13	Pass
3680	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	3	3700.045	-40.85	-13	Pass
3701	3730	1	CHP	4	3726.370	-47.16	-40	Pass

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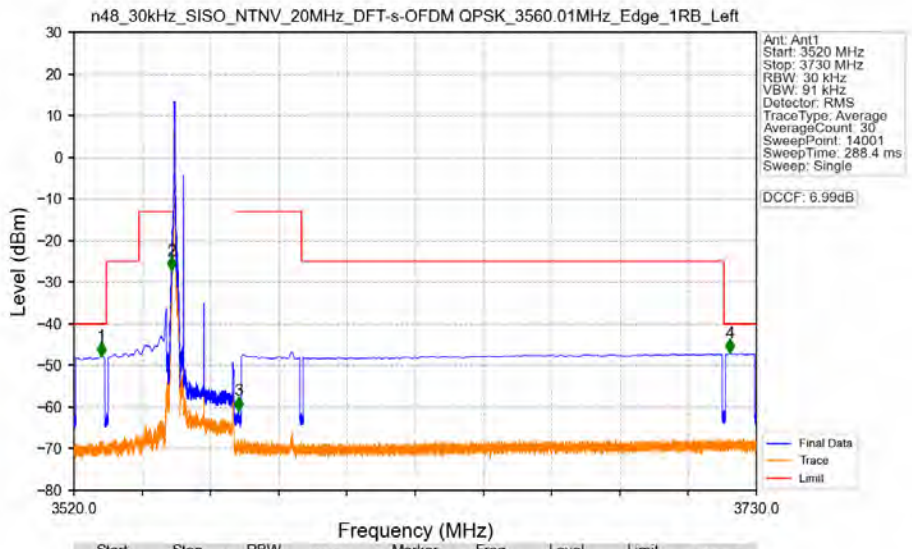
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3560.01MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549.01	1	CHP	1	3528.400	-47.81	-40	Pass
3549.01	3550.01	0.03	/	2	3550.000	-27.29	-13	Pass
3550.01	3570.01	0.03	/	/	/	/	/	/
3570.01	3571.01	0.03	/	3	3570.640	-60.92	-13	Pass
3571.01	3730	1	CHP	4	3721.825	-47.10	-40	Pass

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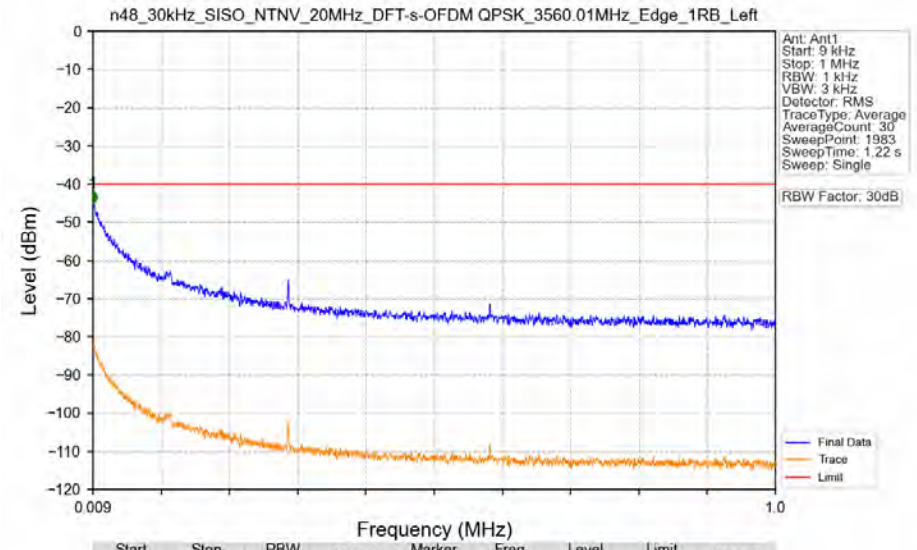

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-45.20	-40	Pass

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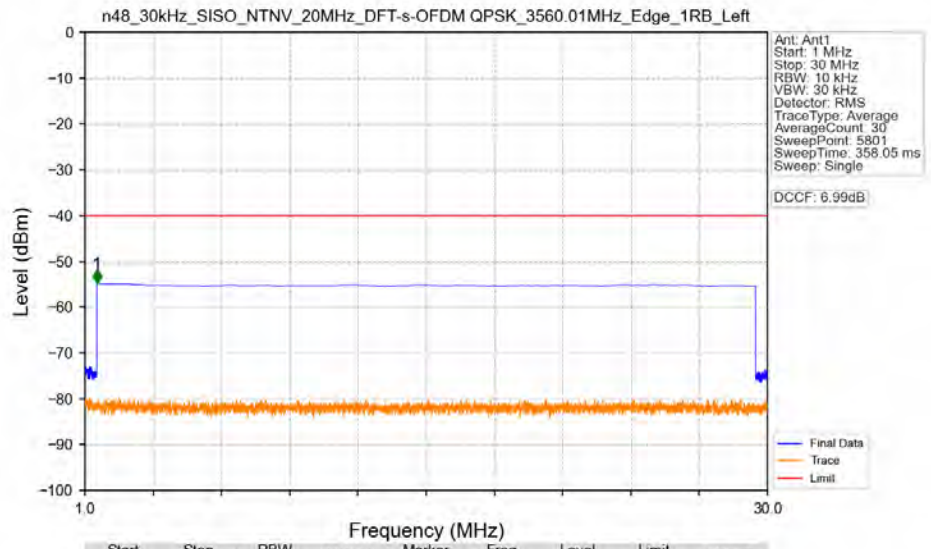

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-54.80	-40	Pass

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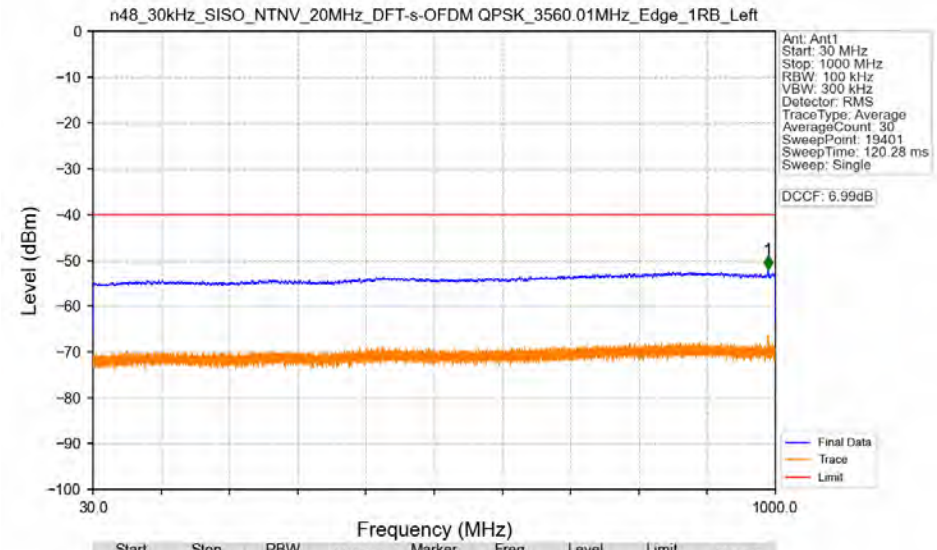

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	989.700	-51.98	-40	Pass

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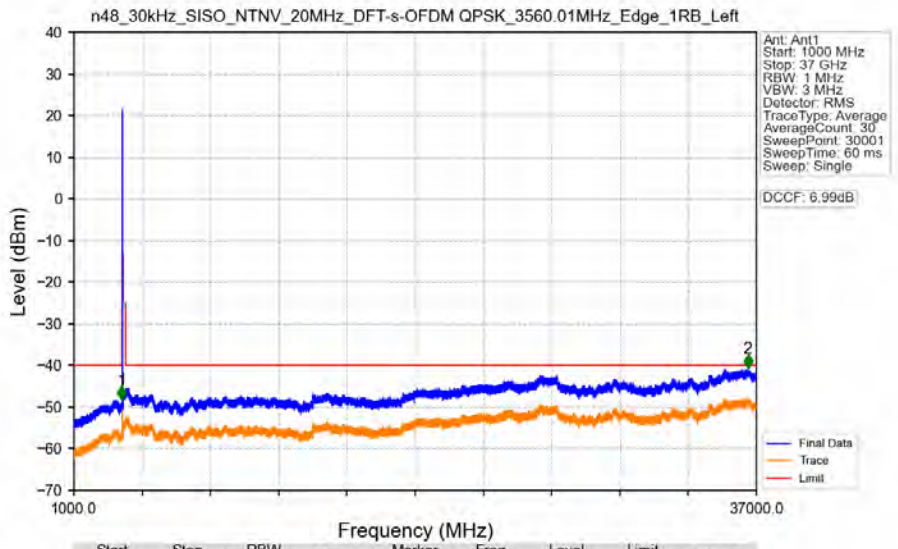

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3549.01	1	/	1	3527.200	-48.33	-40	Pass
3549.01	3575.01	1	/	/	/	/	/	/
3575.01	37000	1	/	2	36554.800	-40.76	-40	Pass

n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3560.01MHz_Outer_Full

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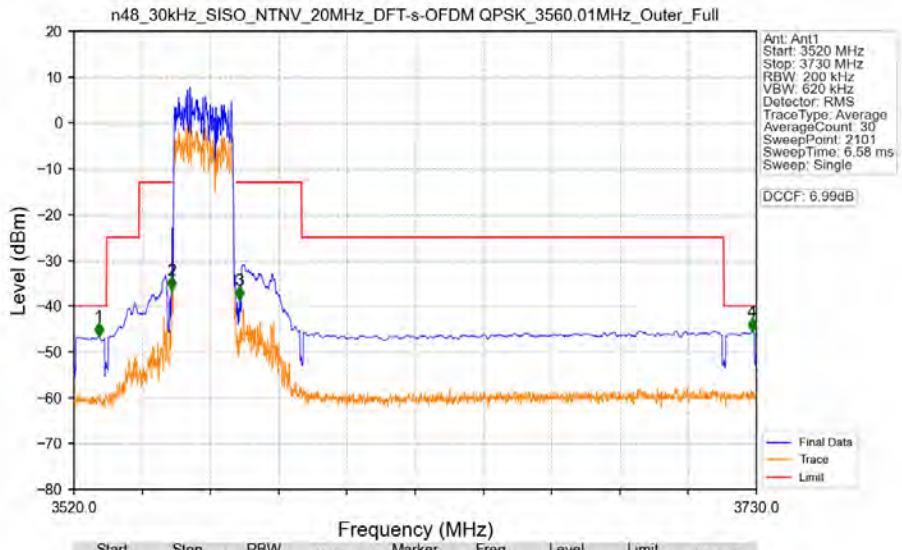

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549.01	1	CHP	1	3527.600	-46.66	-40	Pass
3549.01	3550.01	0.2	/	2	3550.000	-36.56	-13	Pass
3550.01	3570.01	0.2	/	/	/	/	/	/
3570.01	3571.01	0.2	/	3	3571.000	-38.79	-13	Pass
3571.01	3730	1	CHP	4	3728.700	-45.58	-40	Pass

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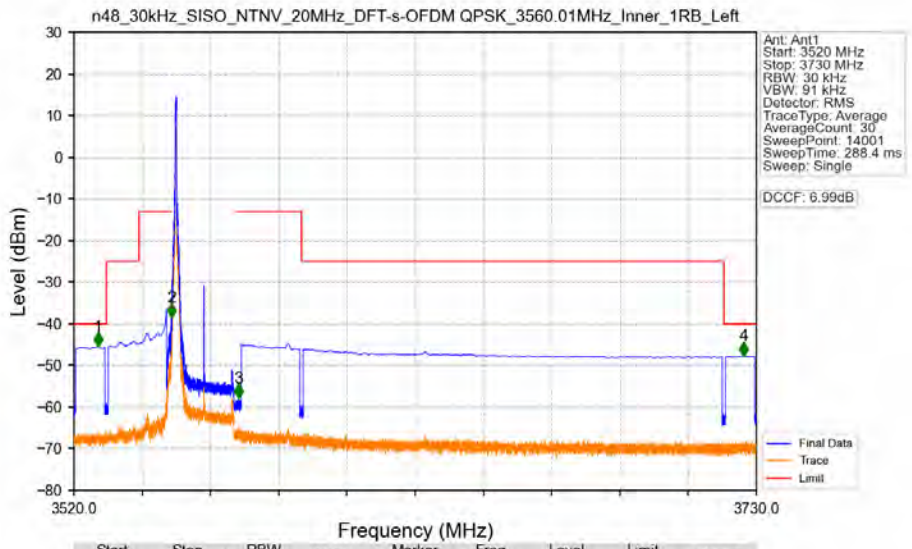

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549.01	1	CHP	1	3527.350	-45.50	-40	Pass
3549.01	3550.01	0.03	/	2	3549.970	-38.57	-13	Pass
3550.01	3570.01	0.03	/	/	/	/	/	/
3570.01	3571.01	0.03	/	3	3570.715	-57.83	-13	Pass
3571.01	3730	1	CHP	4	3726.115	-47.73	-40	Pass

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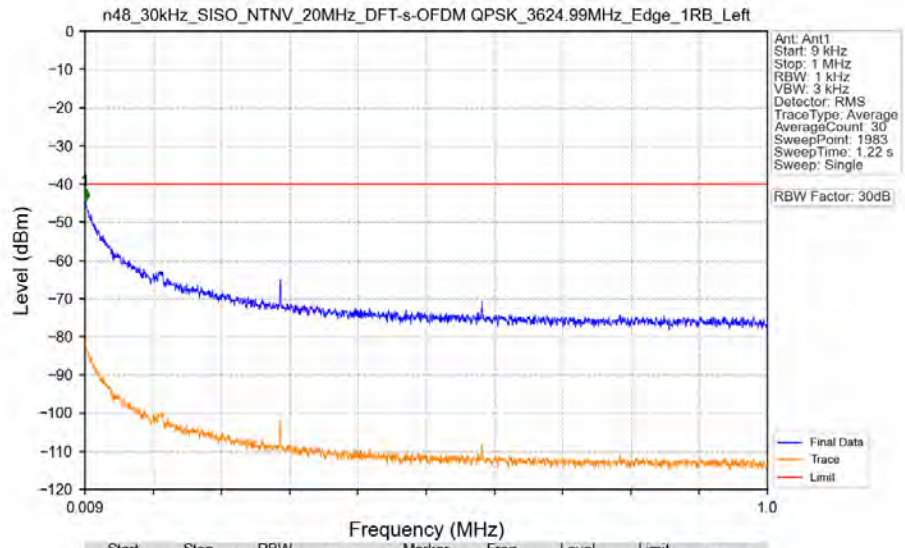

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-44.57	-40	Pass

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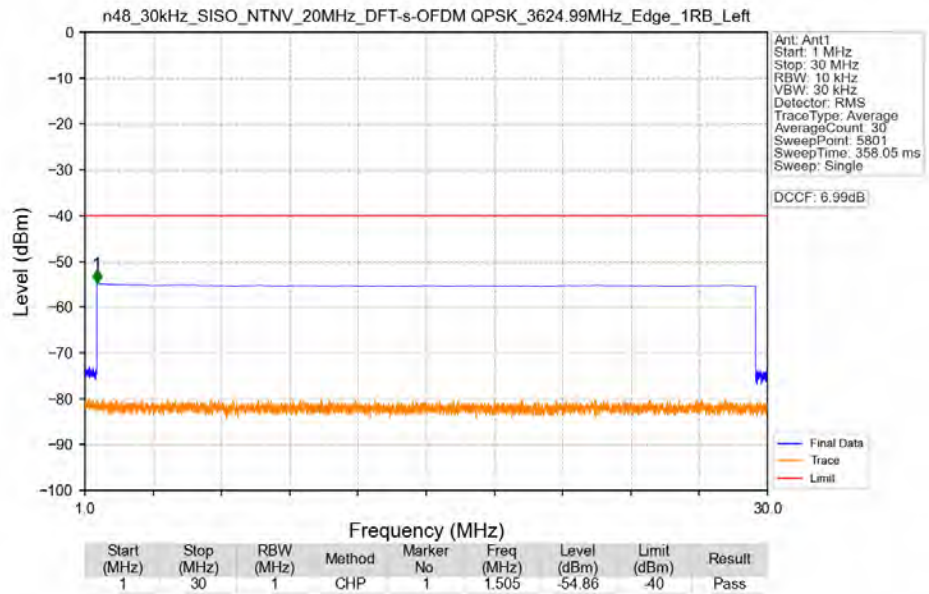

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-54.86	-40	Pass

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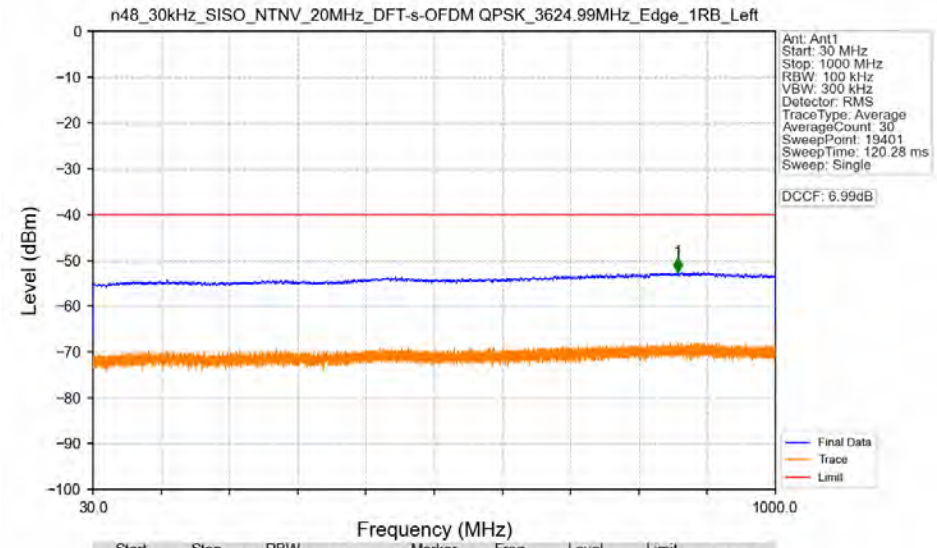

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	861.100	-52.62	-40	Pass

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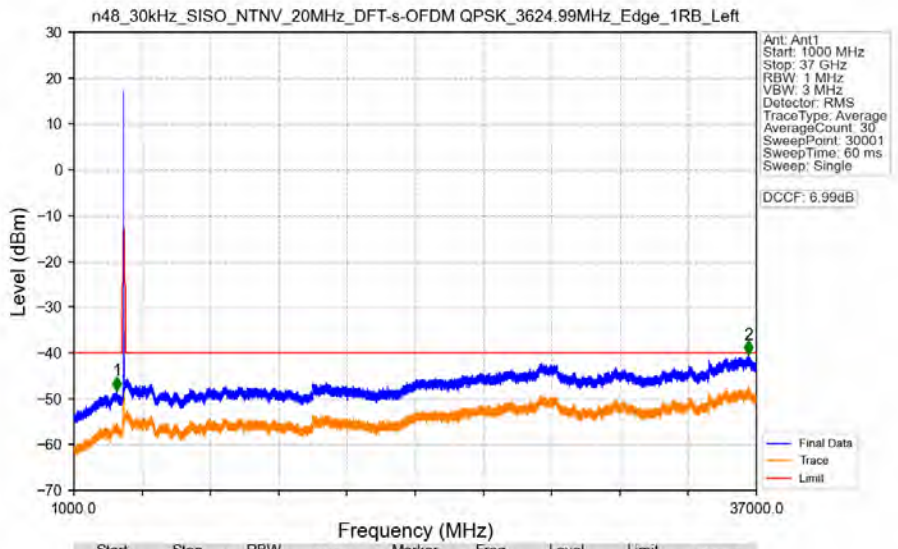

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3613.99	1	/	1	3264.400	-48.23	-40	Pass
3613.99	3639.99	1	/	/	/	/	/	/
3639.99	37000	1	/	2	36589.600	-40.35	-40	Pass

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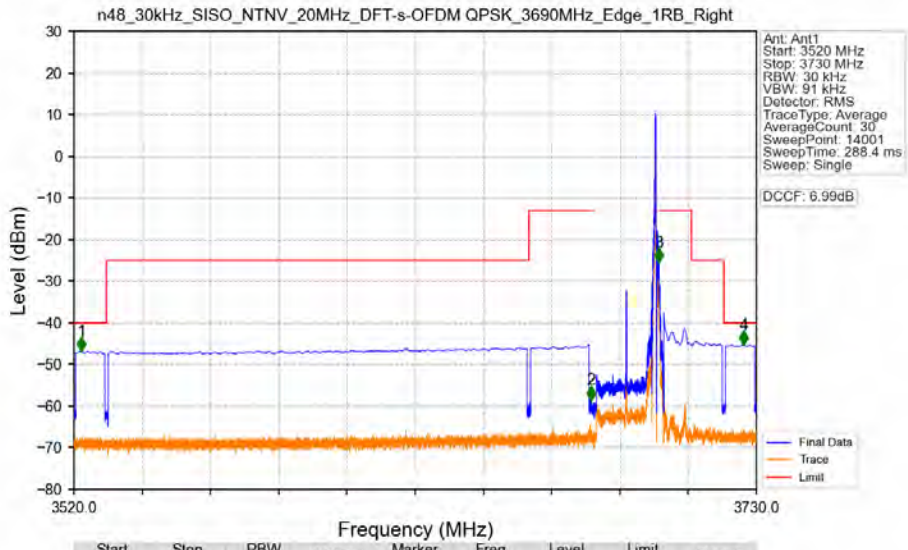

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3679	1	CHP	1	3522.265	-46.87	-40	Pass
3679	3680	0.03	/	2	3679.135	-58.57	-13	Pass
3680	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	3	3700.000	-25.45	-13	Pass
3701	3730	1	CHP	4	3726.145	-45.24	-40	Pass

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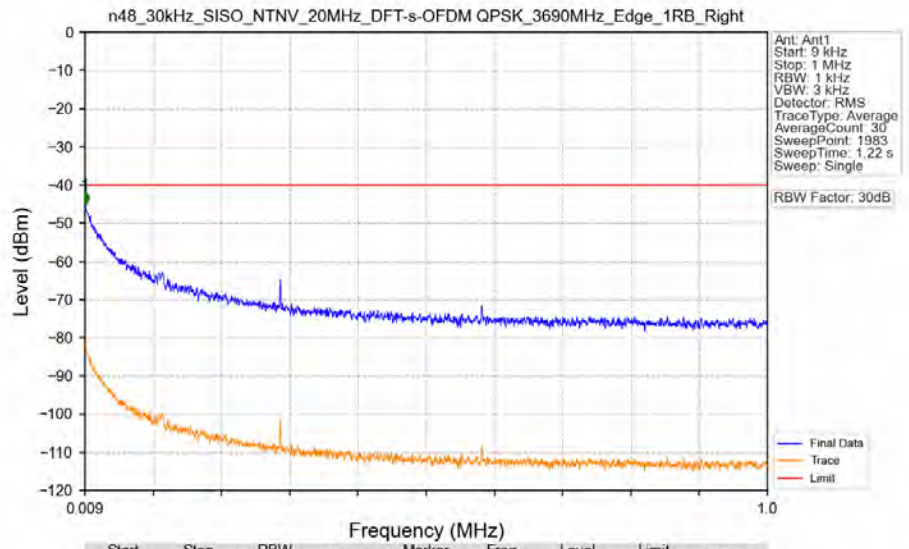
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3690MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-45.31	-40	Pass

n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3690MHz_Edge_1RB_Right

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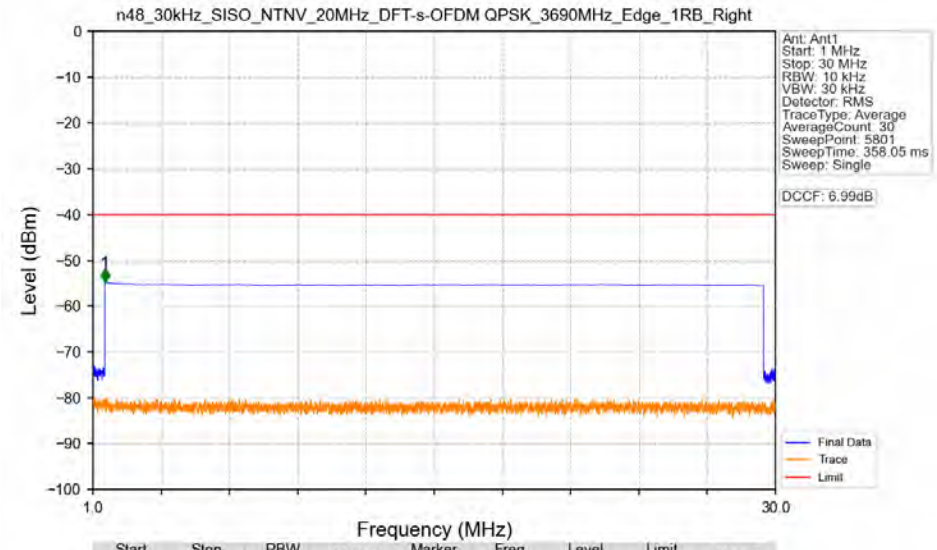

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-54.84	-40	Pass

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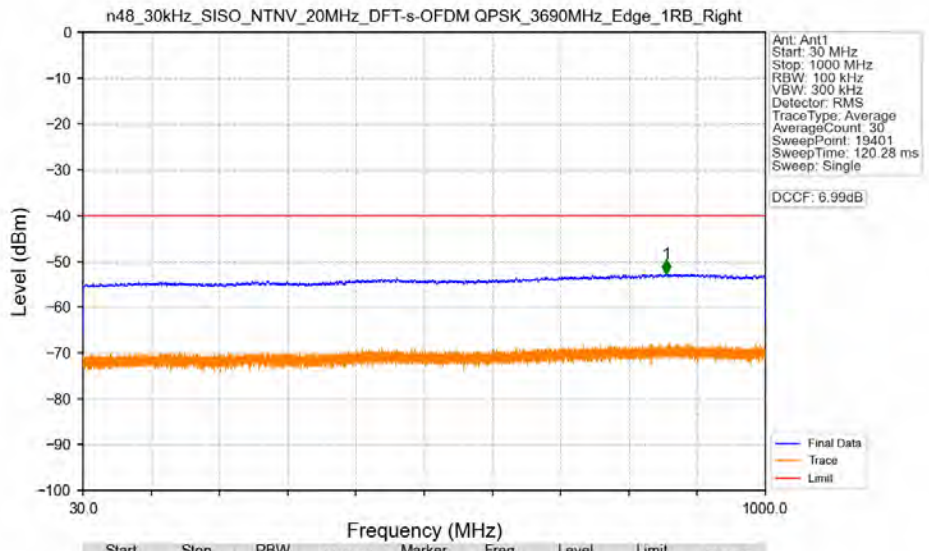
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3690MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	859.400	-52.68	-40	Pass

n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3690MHz_Edge_1RB_Right

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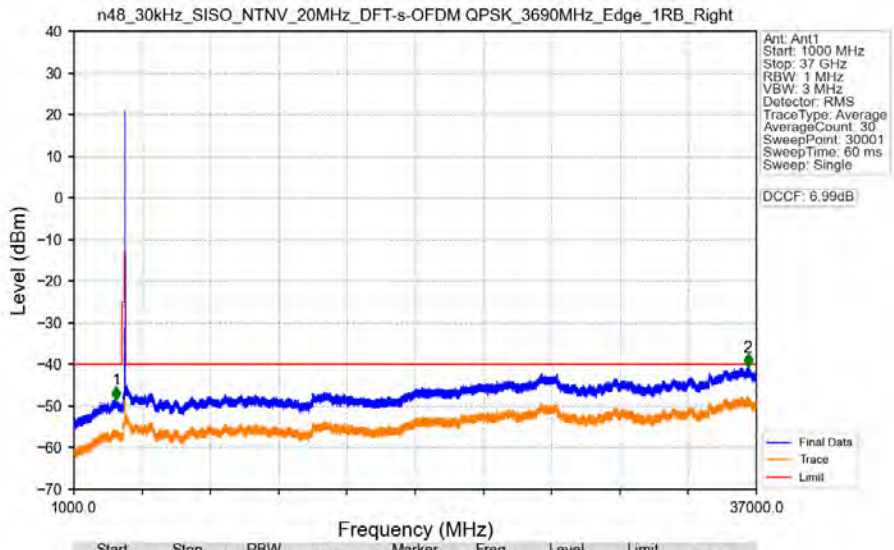

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3679	1	/	1	3224.800	-48.58	-40	Pass
3679	3705	1	/	/	/	/	/	/
3705	37000	1	/	2	36557.200	-40.68	-40	Pass

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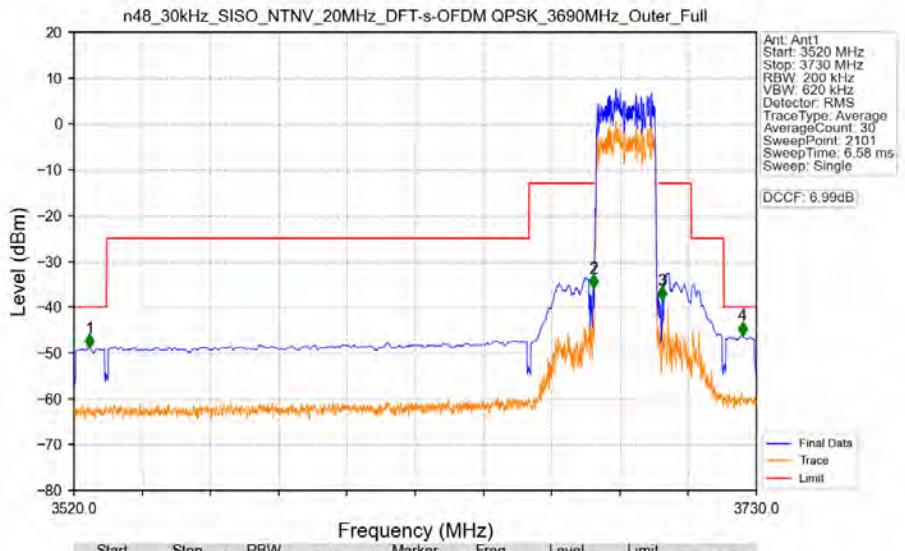
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3690MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3679	1	CHP	1	3524.800	-48.97	-40	Pass
3679	3680	0.2	/	2	3679.800	-35.88	-13	Pass
3680	3700	0.2	/	/	/	/	/	/
3700	3701	0.2	/	3	3701.000	-38.51	-13	Pass
3701	3730	1	CHP	4	3725.700	-46.24	-40	Pass

n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3690MHz_Inner_1RB_Right

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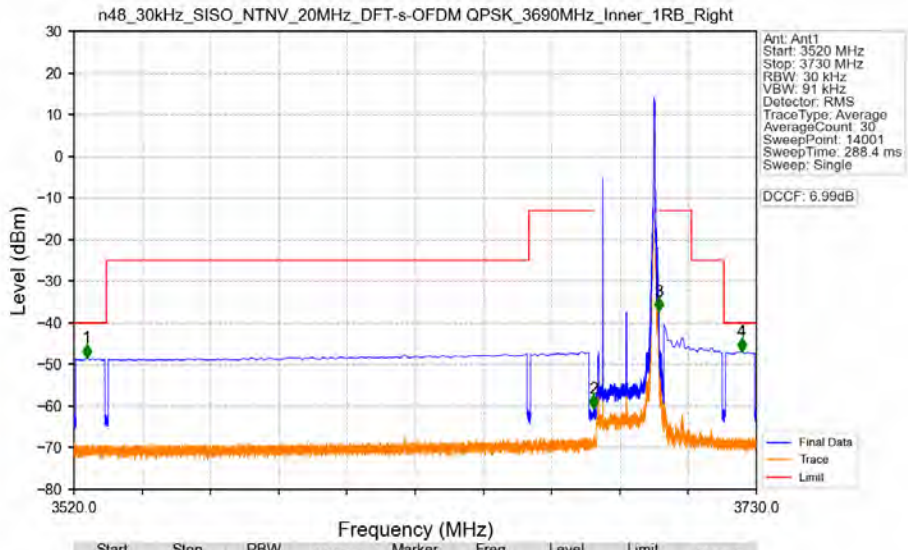

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3679	1	CHP	1	3523.855	-48.50	-40	Pass
3679	3680	0.03	/	2	3679.945	-60.65	-13	Pass
3680	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	3	3700.000	-37.38	-13	Pass
3701	3730	1	CHP	4	3725.455	-46.94	-40	Pass

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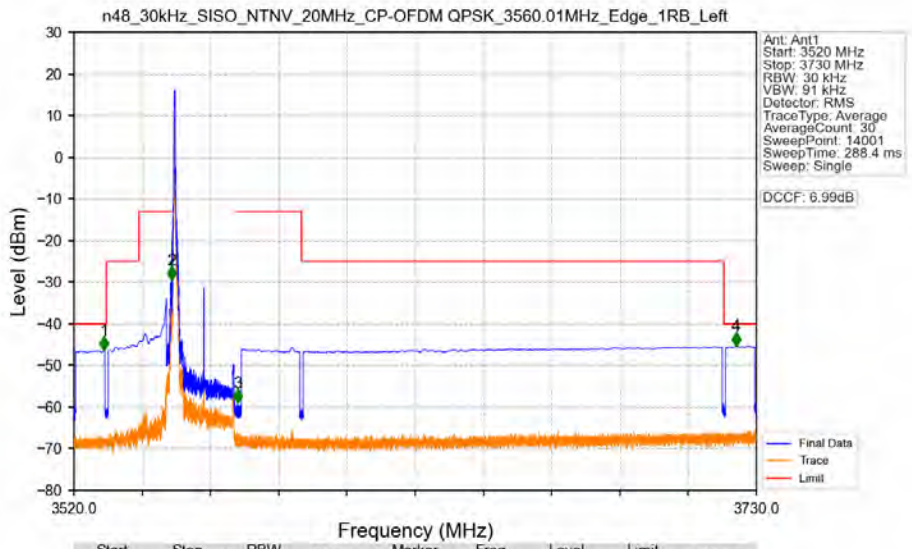
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3560.01MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549.01	1	CHP	1	3529.300	-46.41	-40	Pass
3549.01	3550.01	0.03	/	2	3549.970	-29.64	-13	Pass
3550.01	3570.01	0.03	/	/	/	/	/	/
3570.01	3571.01	0.03	/	3	3570.280	-59.03	-13	Pass
3571.01	3730	1	CHP	4	3723.790	-45.40	-40	Pass

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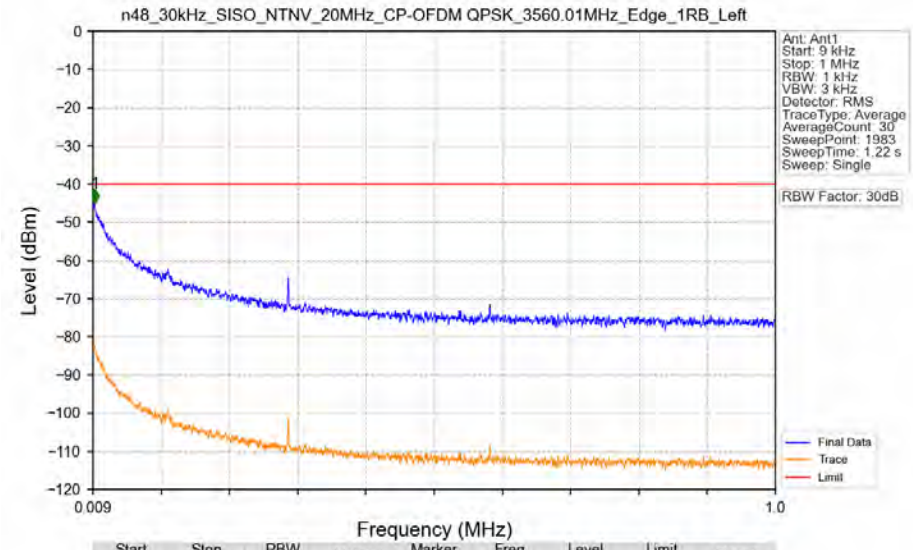

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.011	-45.08	-40	Pass

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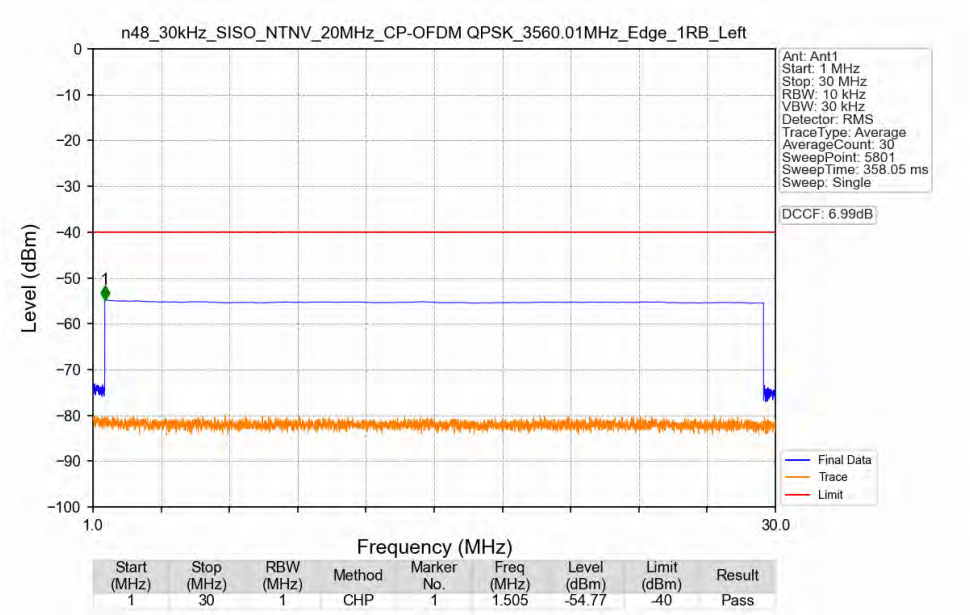

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-54.77	-40	Pass

n48_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3560.01MHz_Edge_1RB_Left

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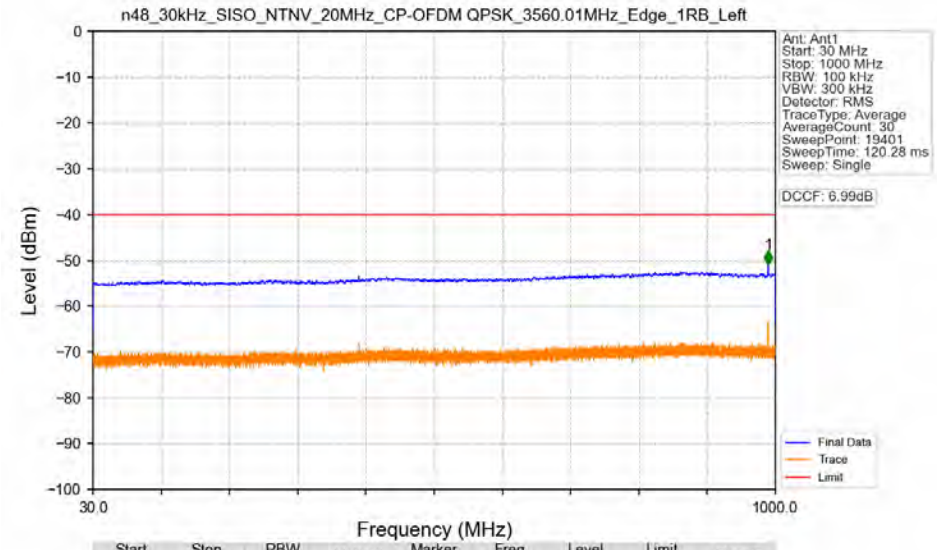

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	990.050	-51.04	-40	Pass

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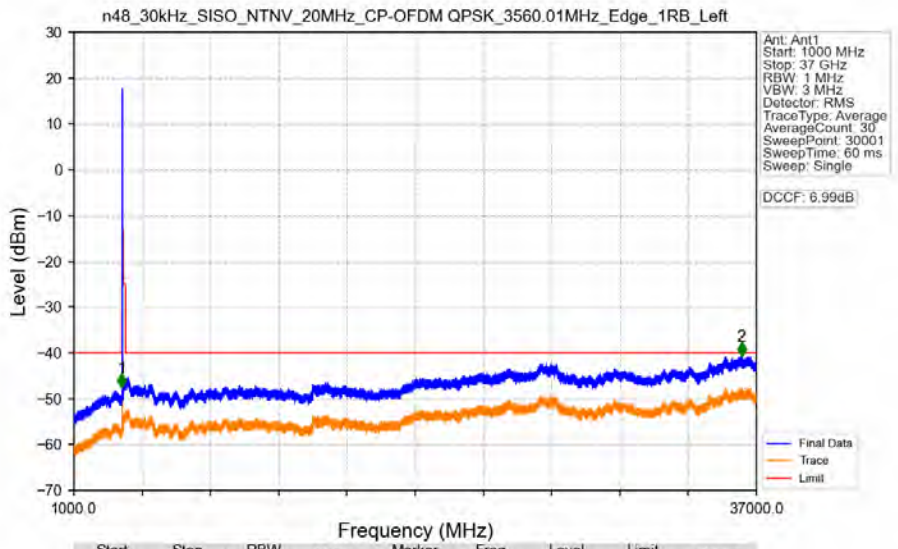

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3549.01	1	/	1	3529.600	-47.65	-40	Pass
3549.01	3575.01	1	/	/	/	/	/	/
3575.01	37000	1	/	2	36218.800	-40.72	-40	Pass

n48_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3560.01MHz_Outer_Full

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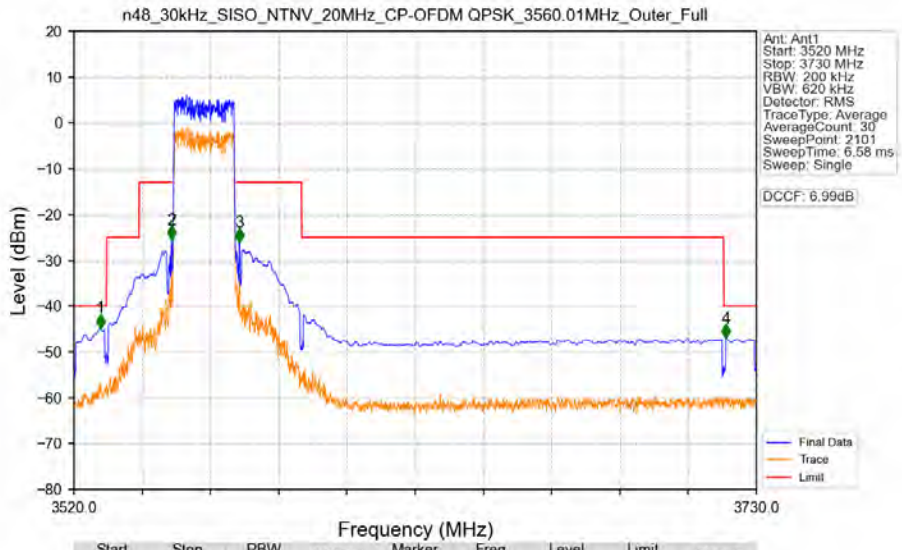

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549.01	1	CHP	1	3528.100	-44.83	-40	Pass
3549.01	3550.01	0.2	/	2	3550.000	-25.55	-13	Pass
3550.01	3570.01	0.2	/	/	/	/	/	/
3570.01	3571.01	0.2	/	3	3570.900	-26.06	-13	Pass
3571.01	3730	1	CHP	4	3720.600	-47.06	-40	Pass

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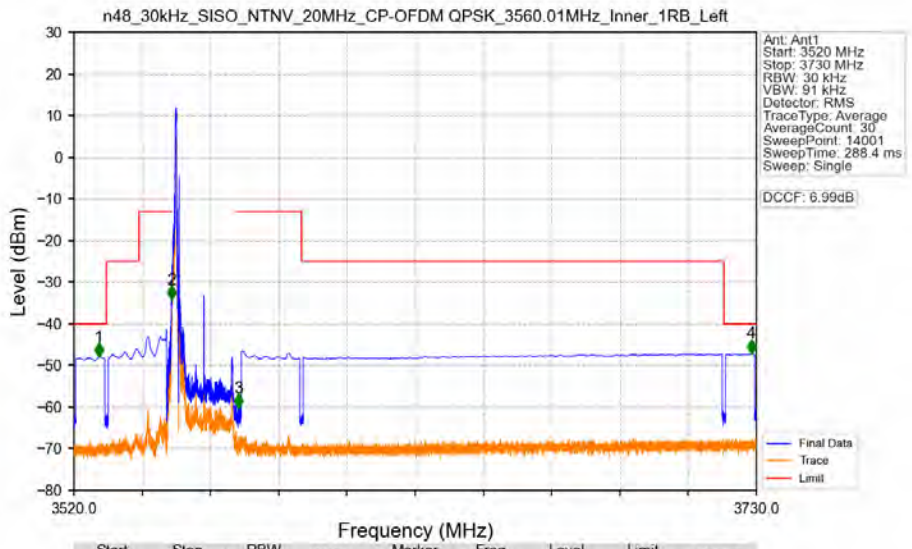

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549.01	1	CHP	1	3527.710	-48.04	-40	Pass
3549.01	3550.01	0.03	/	2	3549.985	-34.25	-13	Pass
3550.01	3570.01	0.03	/	/	/	/	/	/
3570.01	3571.01	0.03	/	3	3570.565	-60.21	-13	Pass
3571.01	3730	1	CHP	4	3728.410	-47.13	-40	Pass

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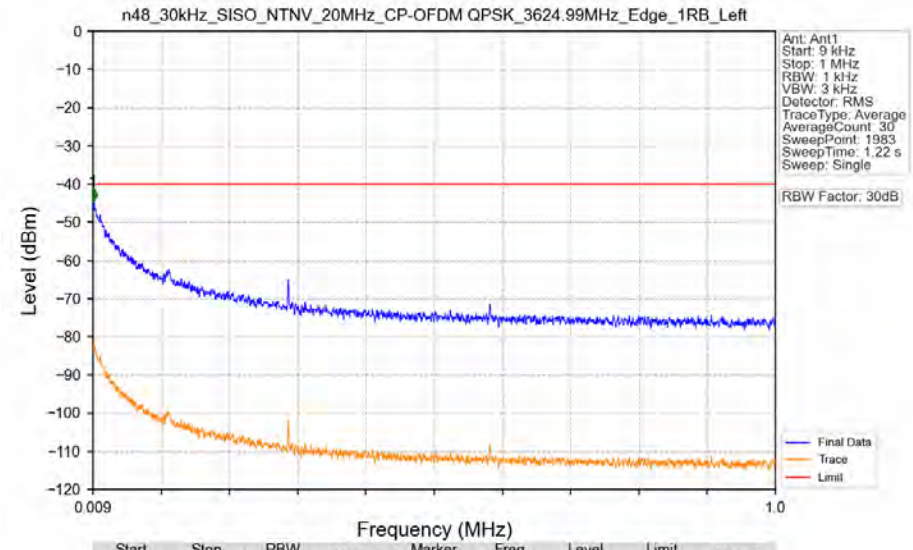

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-44.76	-40	Pass

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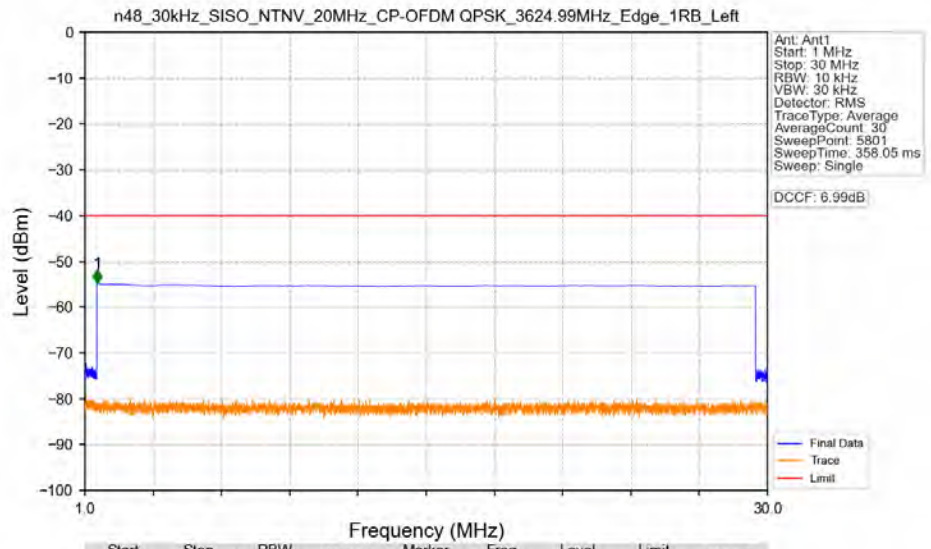

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.525	-54.86	-40	Pass

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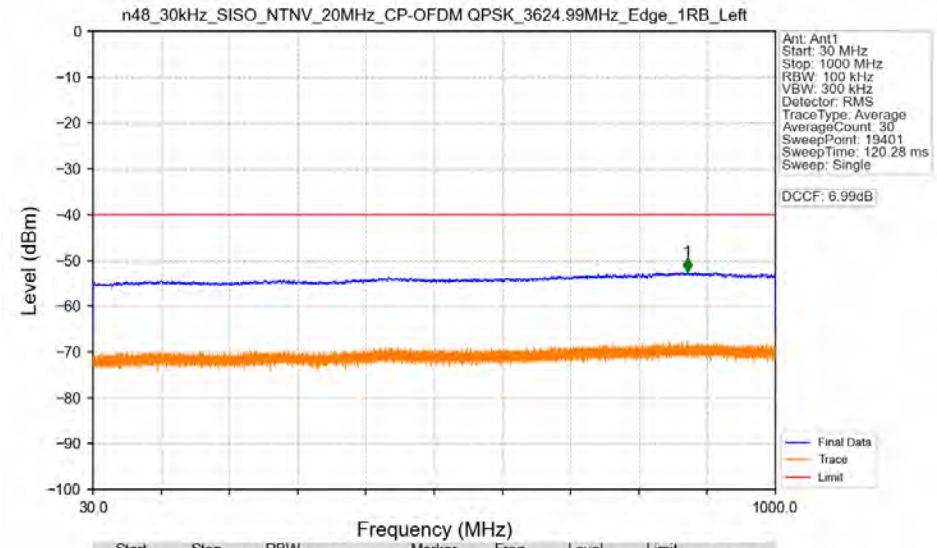

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	874.600	-52.60	-40	Pass

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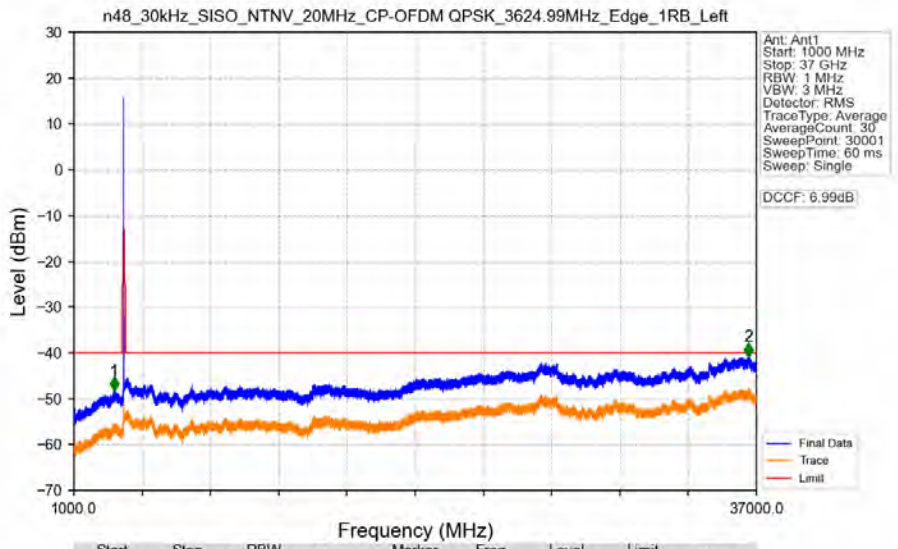

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3613.99	1	/	1	3127.600	-48.26	-40	Pass
3613.99	3639.99	1	/	/	/	/	/	/
3639.99	37000	1	/	2	36586.000	-40.83	-40	Pass

n48_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3690MHz_Edge_1RB_Right

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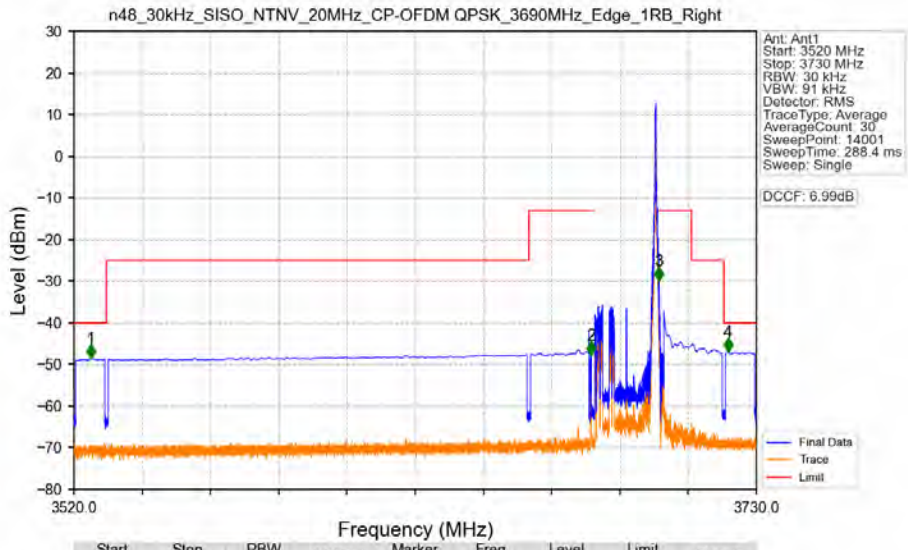

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3679	1	CHP	1	3525.160	-48.64	-40	Pass
3679	3680	0.03	/	2	3679.195	-47.77	-13	Pass
3680	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	3	3700.045	-30.00	-13	Pass
3701	3730	1	CHP	4	3721.195	-47.06	-40	Pass

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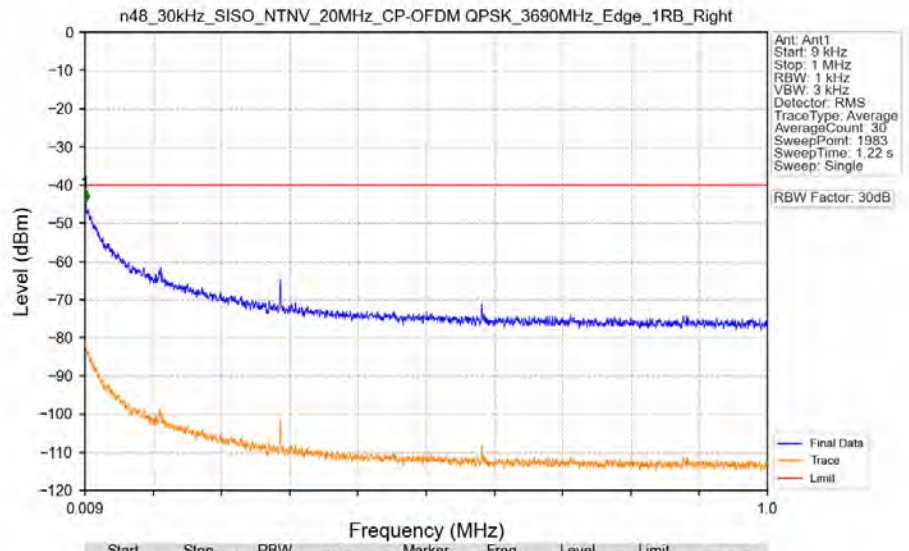

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-44.68	-40	Pass

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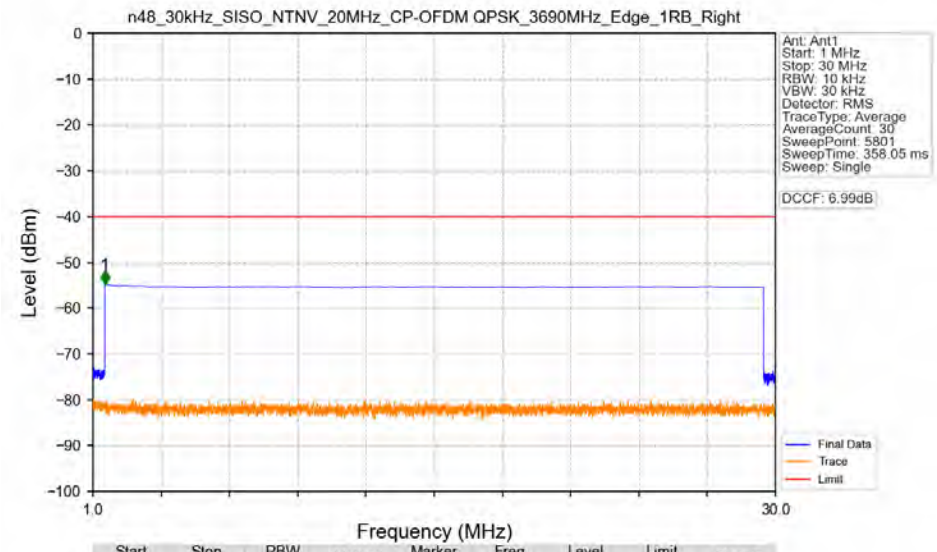

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-54.86	-40	Pass

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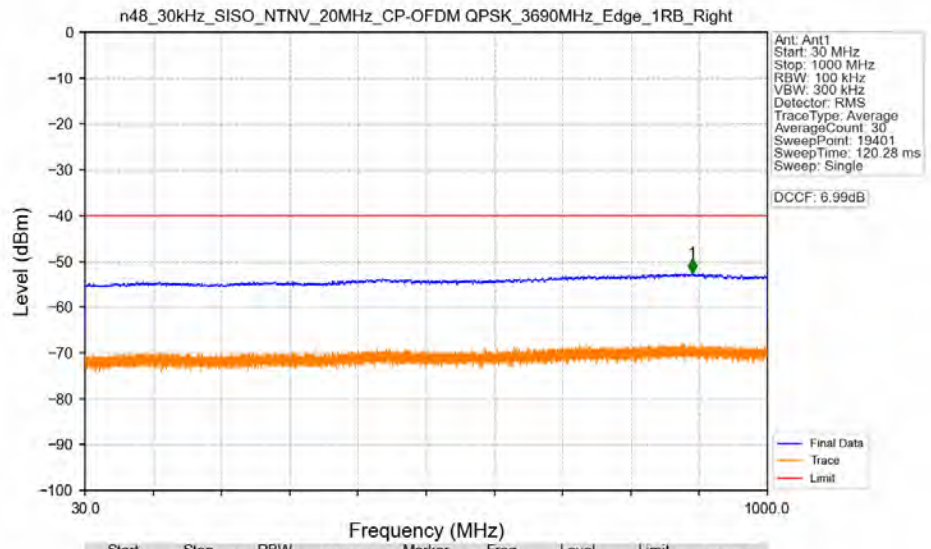

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	892.800	-52.62	-40	Pass

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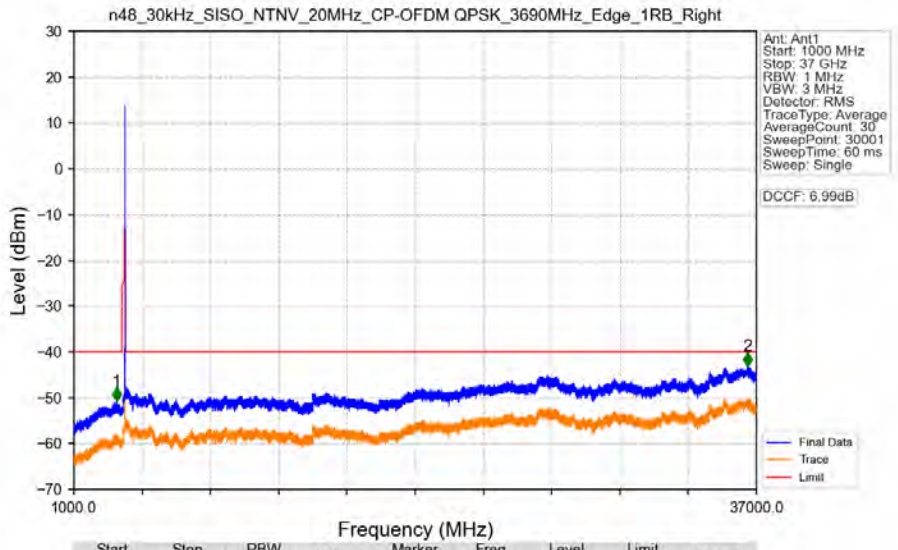

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3679	1	/	1	3236.800	-50.83	-40	Pass
3679	3705	1	/	/	/	/	/	/
3705	37000	1	/	2	36536.800	-43.12	-40	Pass

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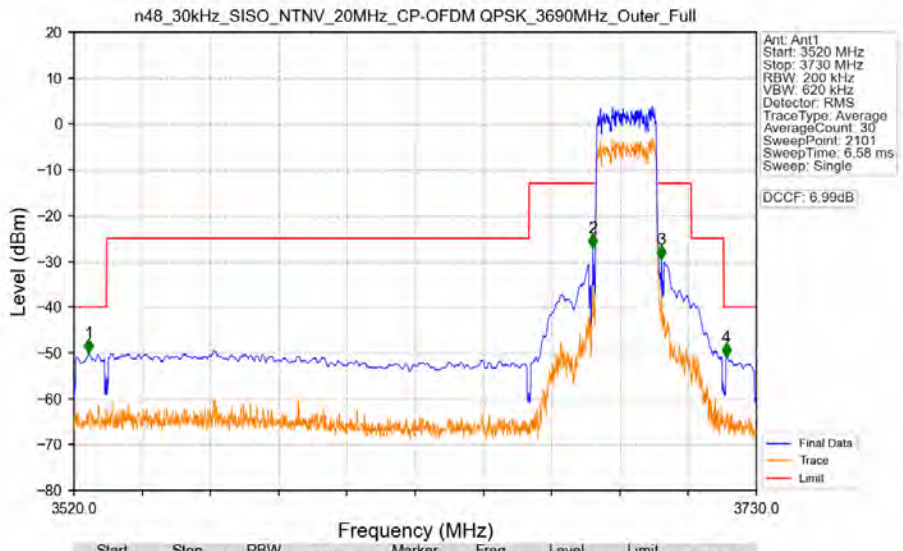
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3690MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3679	1	CHP	1	3524.500	-50.04	-40	Pass
3679	3680	0.2	/	2	3679.700	-27.11	-13	Pass
3680	3700	0.2	/	/	/	/	/	/
3700	3701	0.2	/	3	3700.800	-29.53	-13	Pass
3701	3730	1	CHP	4	3720.800	-50.95	-40	Pass

n48_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3690MHz_Inner_1RB_Right

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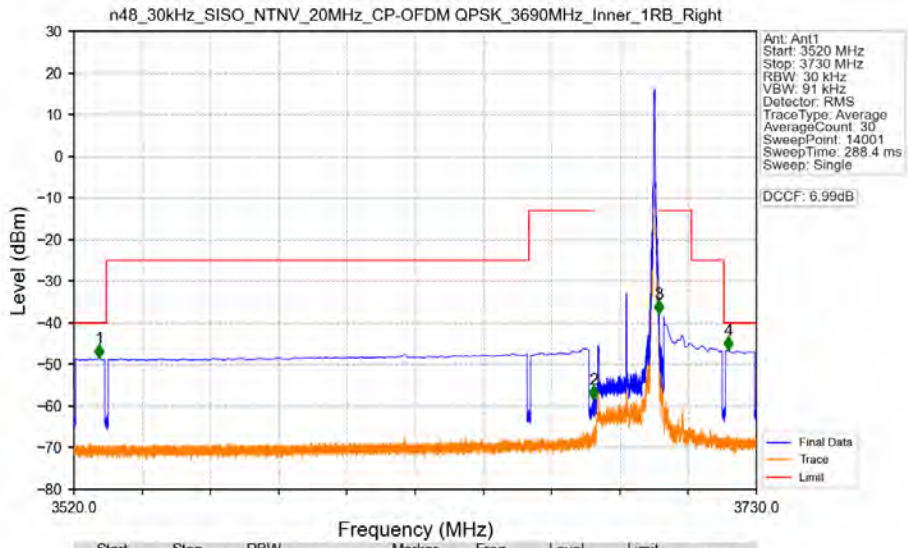

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3679	1	CHP	1	3527.755	-48.63	-40	Pass
3679	3680	0.03	/	2	3679.870	-58.47	-13	Pass
3680	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	3	3700.075	-37.84	-13	Pass
3701	3730	1	CHP	4	3721.330	-46.67	-40	Pass

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5.3 30k_SISO_40MHz_NTNV

5.3.1 Test Result

5G NR n48 SCS=30kHz SISO 40MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant4	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3570	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass
	3679.98	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	3570	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass
	3679.98	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	3570	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass
	3679.98	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass

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5.3.2 Test Graph

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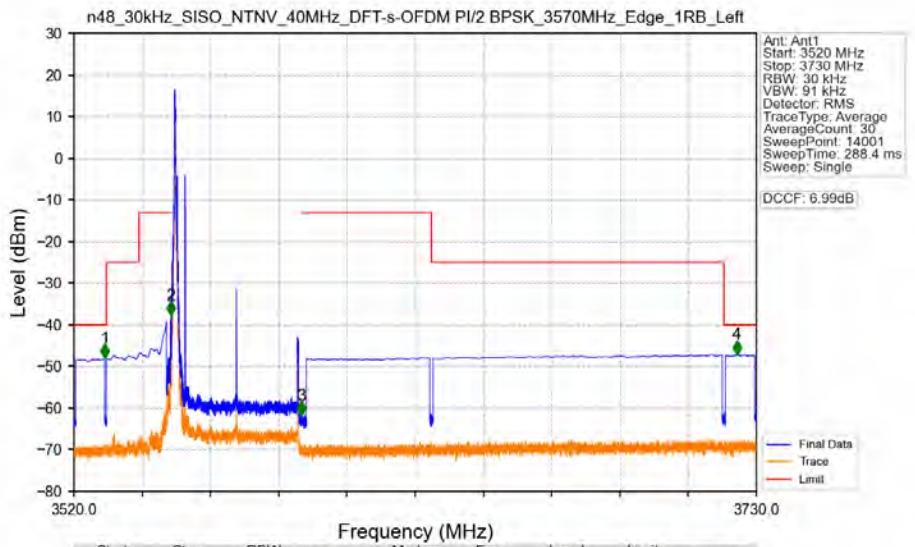

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549	1	CHP	1	3529.465	-47.98	-40	Pass
3549	3550	0.03	/	2	3549.880	-37.77	-13	Pass
3550	3590	0.03	/	/	/	/	/	/
3590	3591	0.03	/	3	3590.095	-61.71	-13	Pass
3591	3730	1	CHP	4	3723.985	-47.12	-40	Pass

n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3570MHz_Edge_1RB_Left

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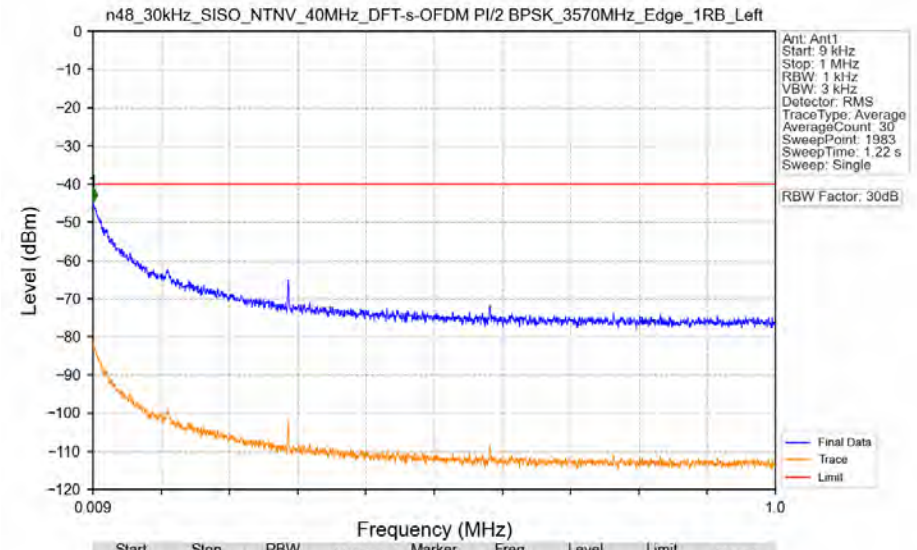

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-44.72	-40	Pass

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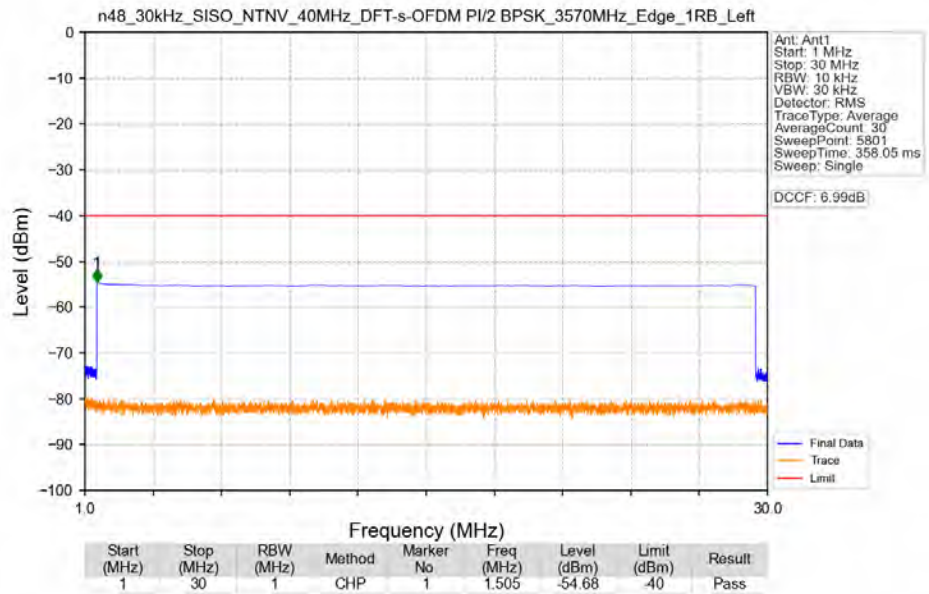

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-54.68	-40	Pass

n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3570MHz_Edge_1RB_Left

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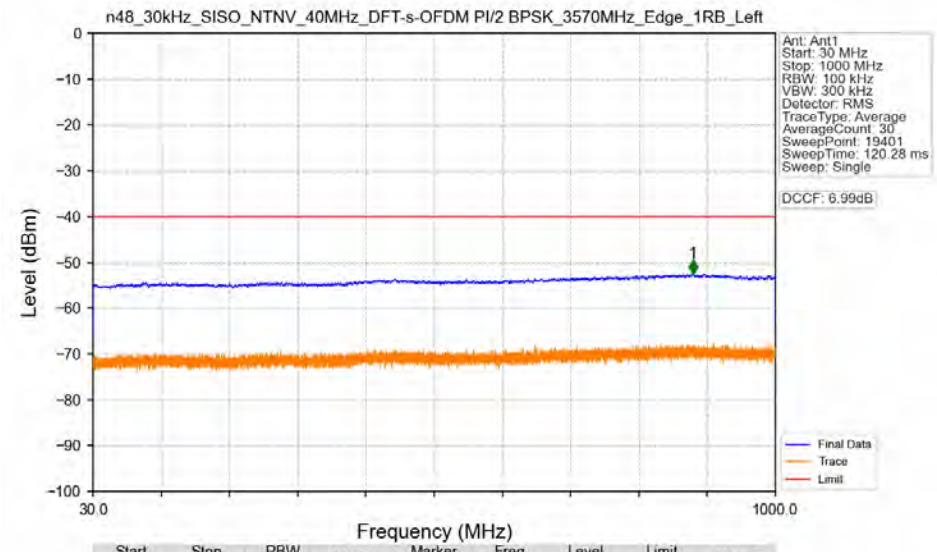

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	882.900	-52.49	-40	Pass

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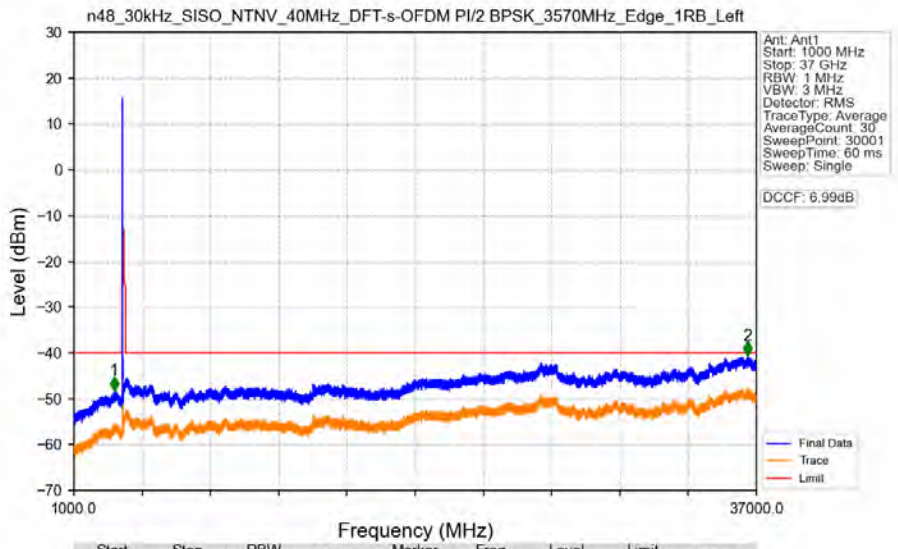

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3549	1	/	1	3110.800	-48.25	-40	Pass
3549	3595	1	/	/	/	/	/	/
3595	37000	1	/	2	36539.200	-40.53	-40	Pass

n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3570MHz_Outer_Full

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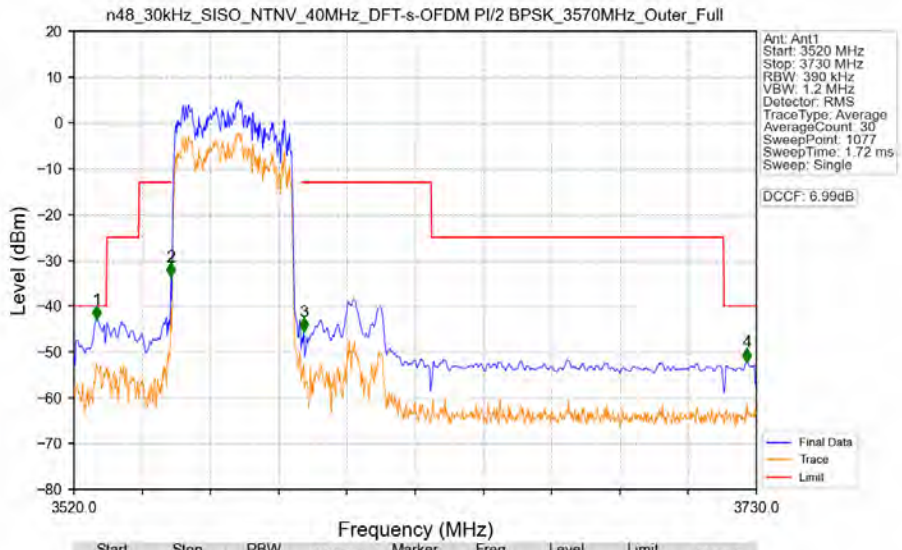

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549	1	CHP	1	3527.026	-42.91	-40	Pass
3549	3550	0.39	/	2	3549.861	-33.60	-13	Pass
3550	3590	0.39	/	/	/	/	/	/
3590	3591	0.39	/	3	3590.651	-45.67	-13	Pass
3591	3730	1	CHP	4	3727.072	-52.25	-40	Pass

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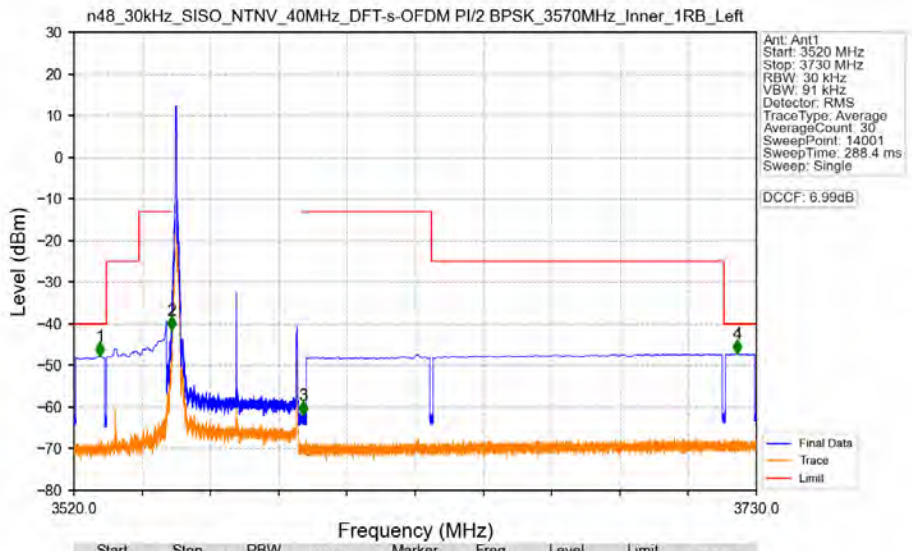

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549	1	CHP	1	3527.995	-47.83	-40	Pass
3549	3550	0.03	/	2	3550.000	-41.66	-13	Pass
3550	3590	0.03	/	/	/	/	/	/
3590	3591	0.03	/	3	3590.425	-61.97	-13	Pass
3591	3730	1	CHP	4	3724.165	-47.20	-40	Pass

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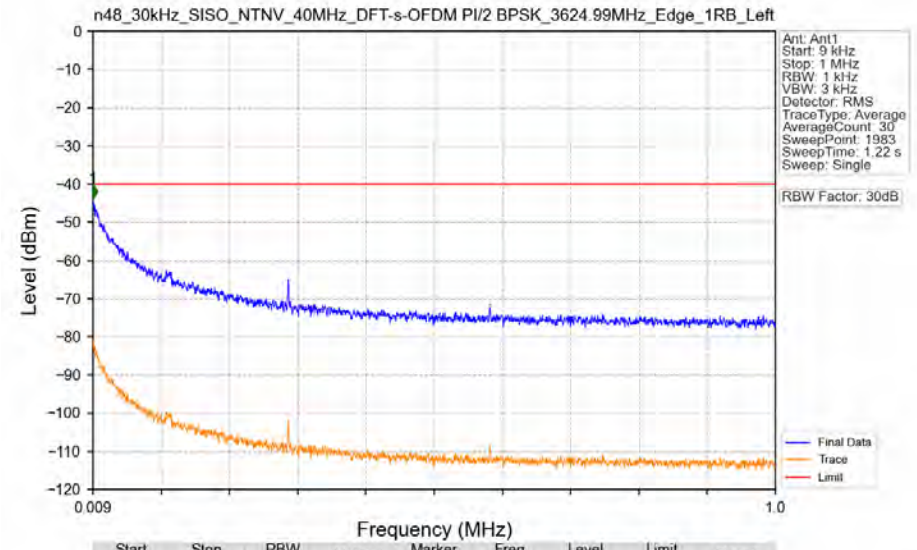

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-43.87	-40	Pass

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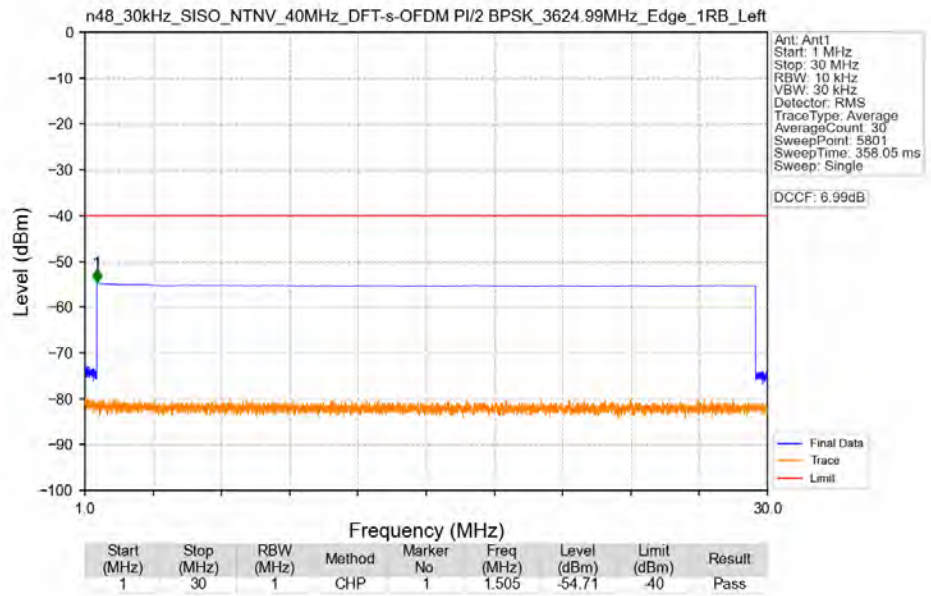
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-54.71	-40	Pass

n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Edge_1RB_Left

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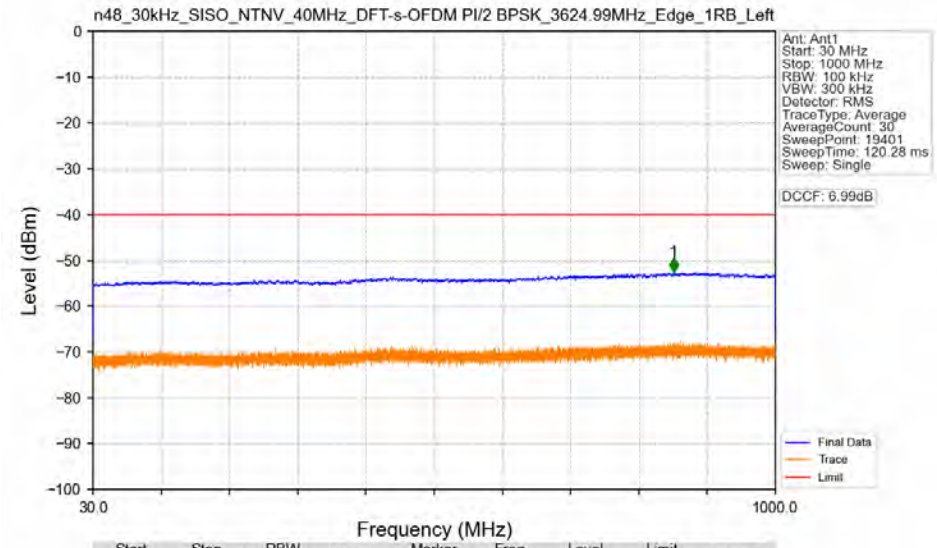

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	855.450	-52.61	-40	Pass

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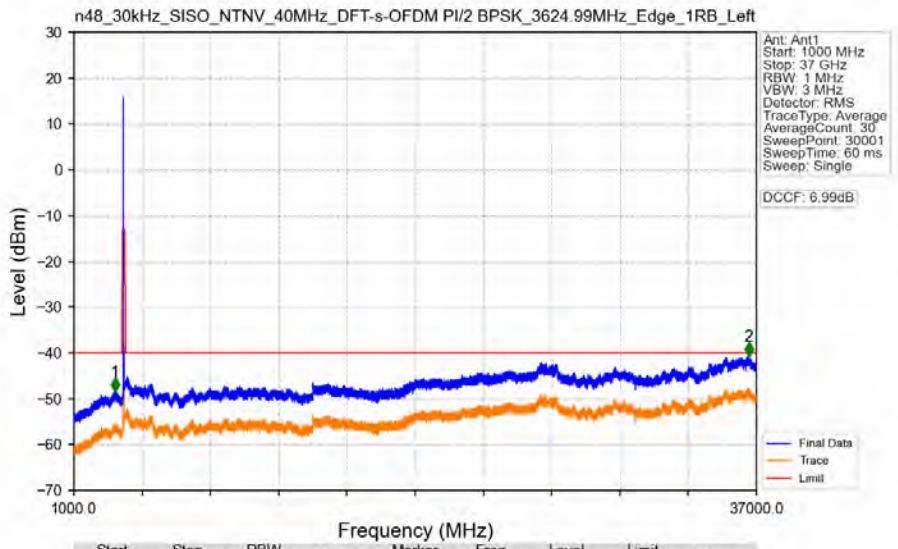

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3603.99	1	/	1	3169.600	-48.45	-40	Pass
3603.99	3649.99	1	/	/	/	/	/	/
3649.99	37000	1	/	2	36596.800	-40.69	-40	Pass

n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3679.98MHz_Edge_1RB_Right

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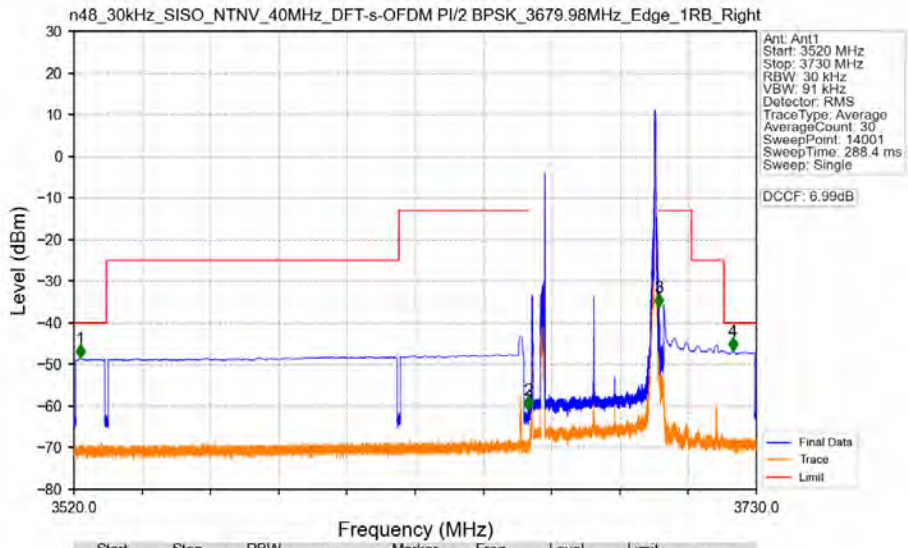

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3658.98	1	CHP	1	3521.920	-48.61	-40	Pass
3658.98	3659.98	0.03	/	2	3659.770	-60.99	-13	Pass
3659.98	3699.98	0.03	/	/	/	/	/	/
3699.98	3700.98	0.03	/	3	3700.030	-36.38	-13	Pass
3700.98	3730	1	CHP	4	3722.725	-46.86	-40	Pass

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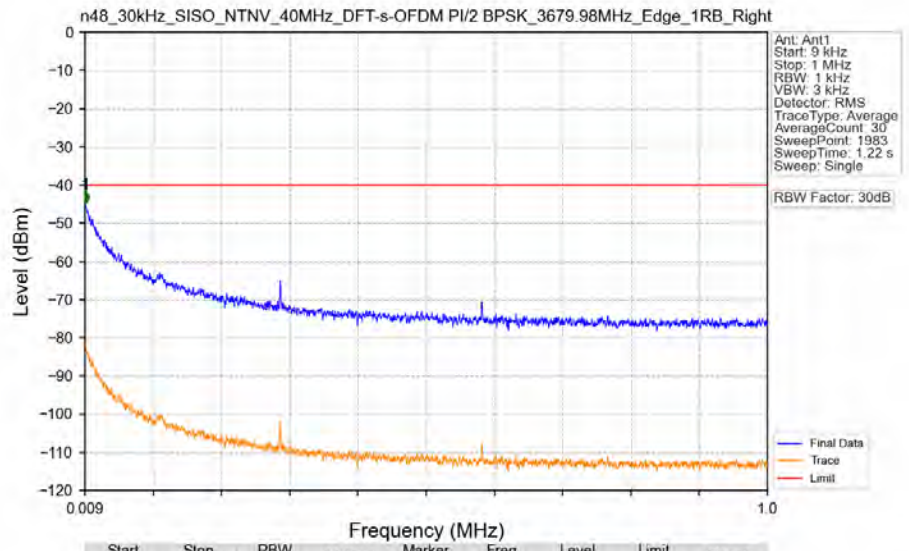

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-45.15	-40	Pass

n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3679.98MHz_Edge_1RB_Right

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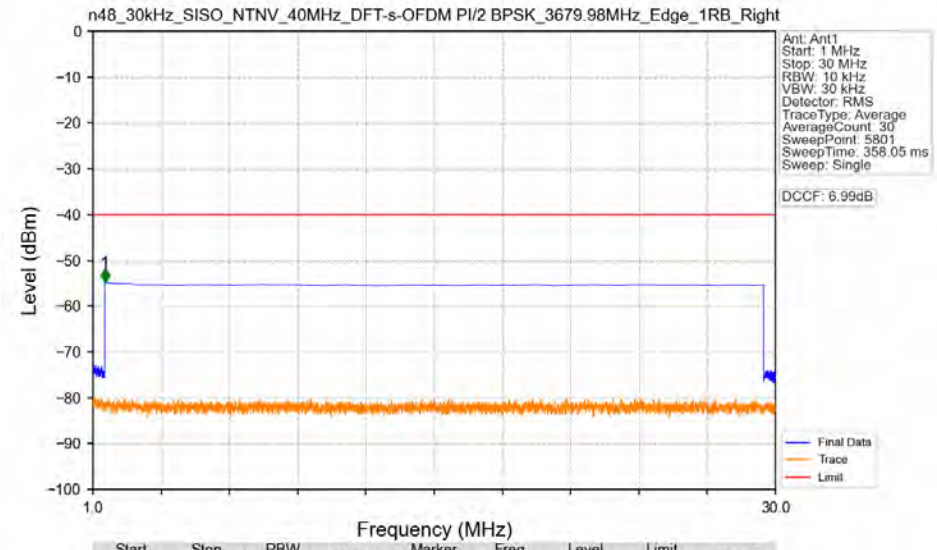

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-54.84	-40	Pass

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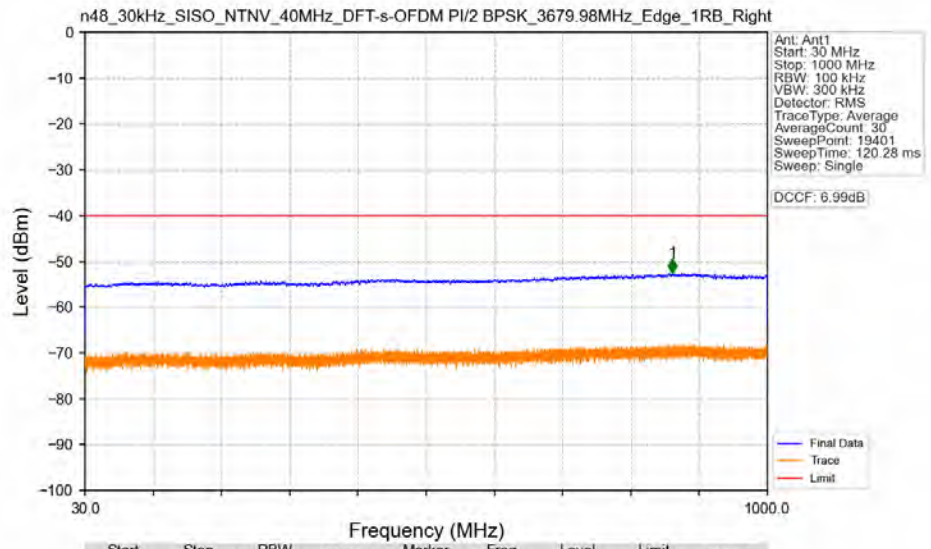

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	865.200	-52.58	-40	Pass

n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3679.98MHz_Edge_1RB_Right

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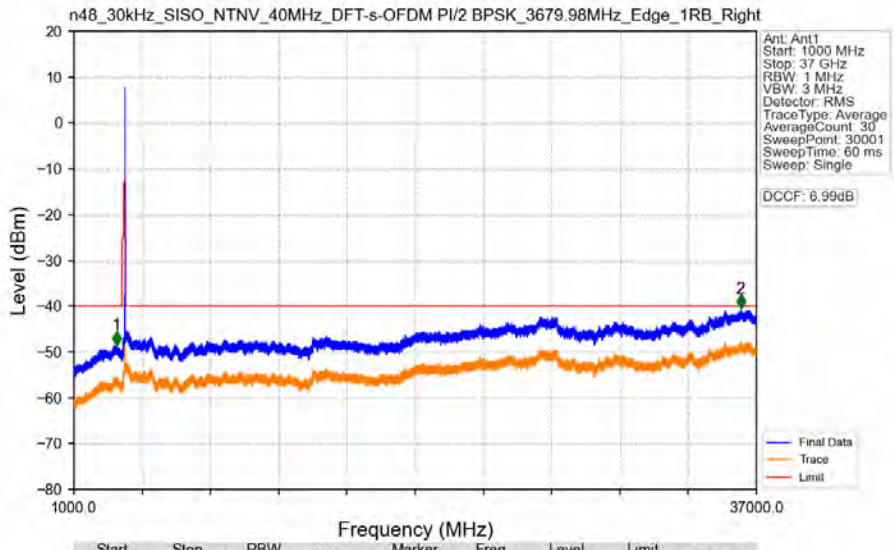

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3658.98	1	/	1	3239.200	-48.52	-40	Pass
3658.98	3704.98	1	/	/	/	/	/	/
3704.98	37000	1	/	2	36172.000	-40.53	-40	Pass

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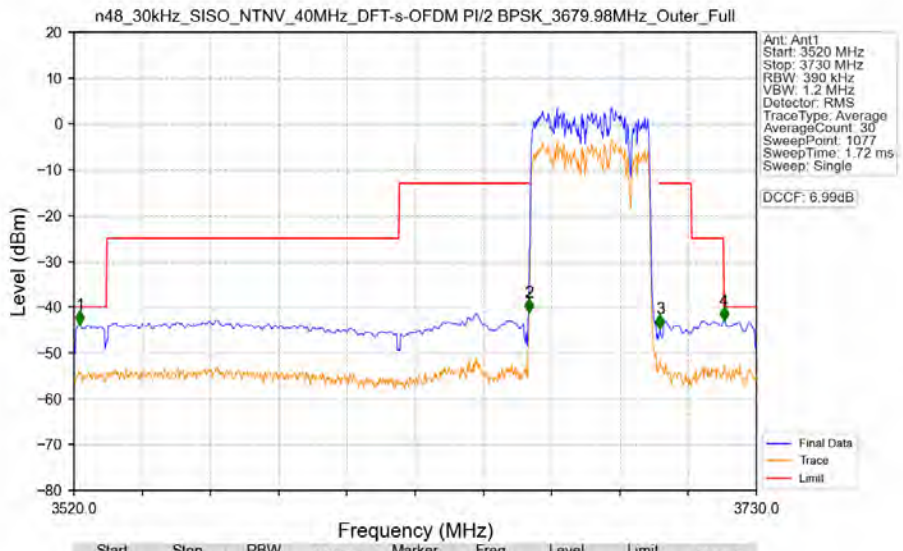

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3658.98	1	CHP	1	3521.757	-43.79	-40	Pass
3658.98	3659.98	0.39	/	2	3659.935	-41.19	-13	Pass
3659.98	3699.98	0.39	/	/	/	/	/	/
3699.98	3700.98	0.39	/	3	3700.335	-44.70	-13	Pass
3700.98	3730	1	CHP	4	3720.046	-43.00	-40	Pass

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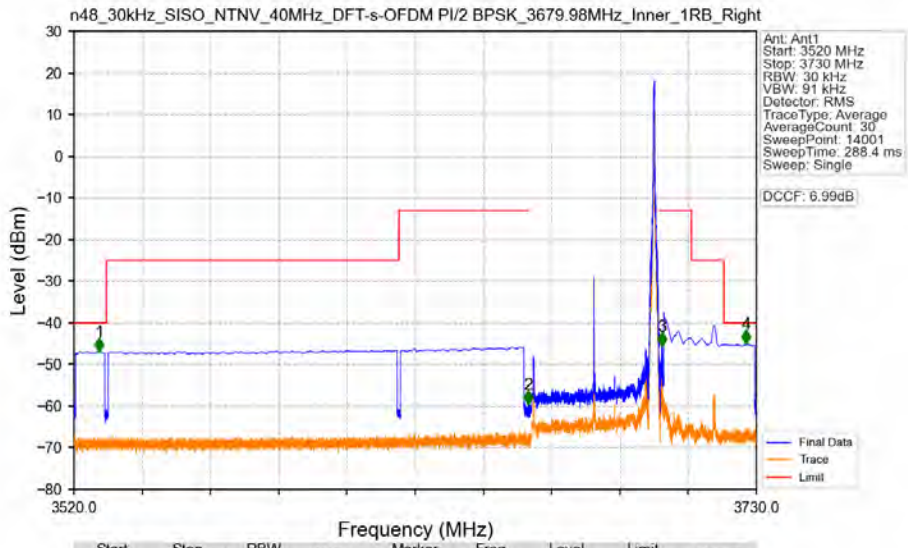

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3658.98	1	CHP	1	3527.770	-47.00	-40	Pass
3658.98	3659.98	0.03	/	2	3659.815	-59.69	-13	Pass
3659.98	3699.98	0.03	/	/	/	/	/	/
3699.98	3700.98	0.03	/	3	3700.930	-45.64	-13	Pass
3700.98	3730	1	CHP	4	3726.850	-45.15	-40	Pass

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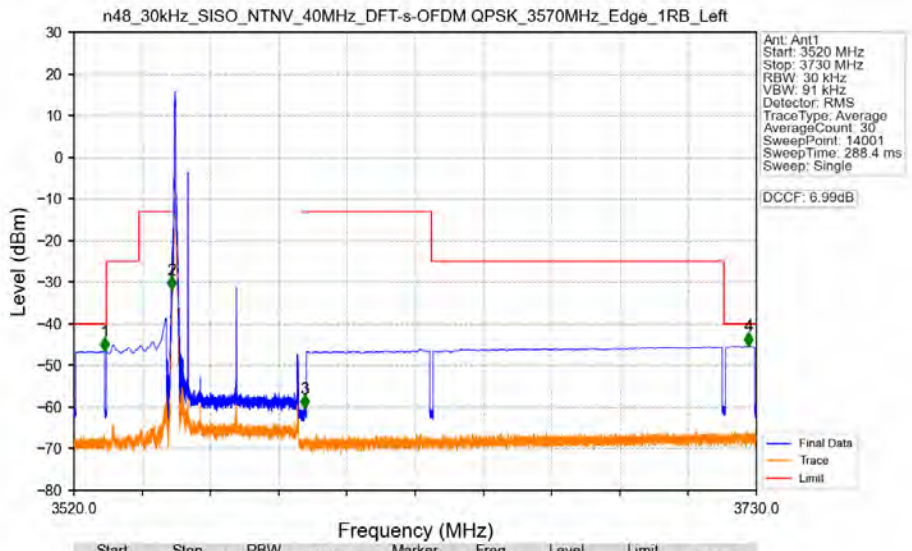

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549	1	CHP	1	3529.465	-46.57	-40	Pass
3549	3550	0.03	/	2	3549.970	-31.95	-13	Pass
3550	3590	0.03	/	/	/	/	/	/
3590	3591	0.03	/	3	3590.935	-60.48	-13	Pass
3591	3730	1	CHP	4	3727.630	-45.40	-40	Pass

n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3570MHz_Edge_1RB_Left

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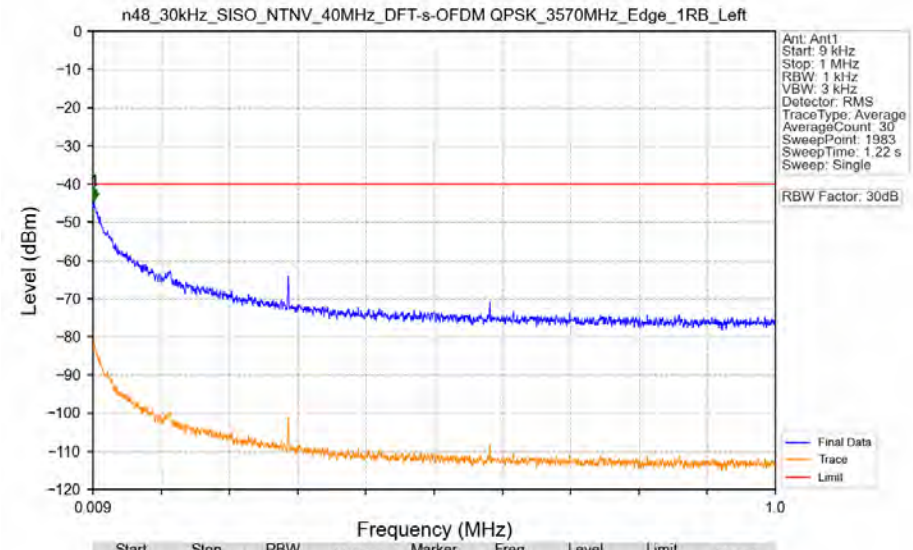

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.011	-44.51	-40	Pass

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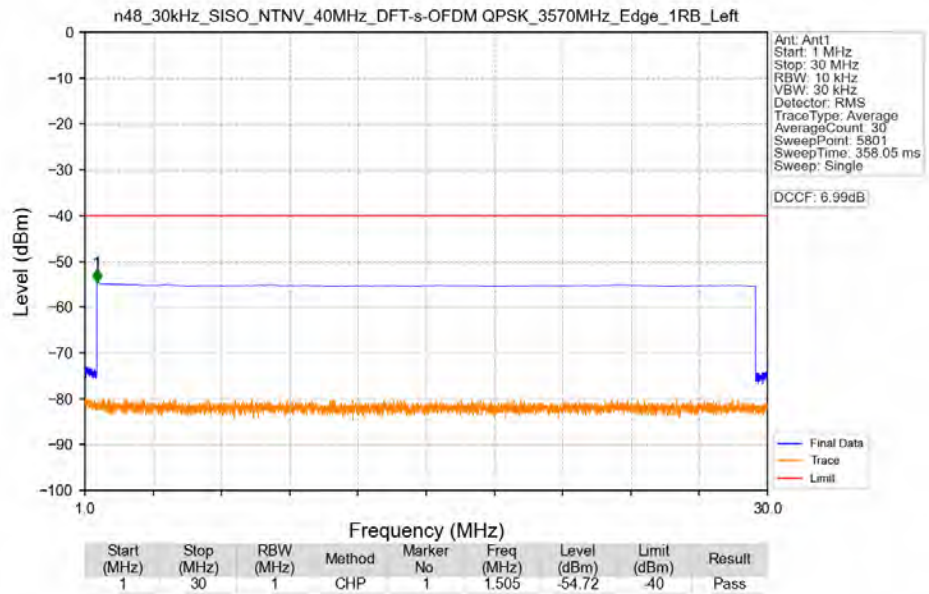
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3570MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-54.72	-40	Pass

n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3570MHz_Edge_1RB_Left

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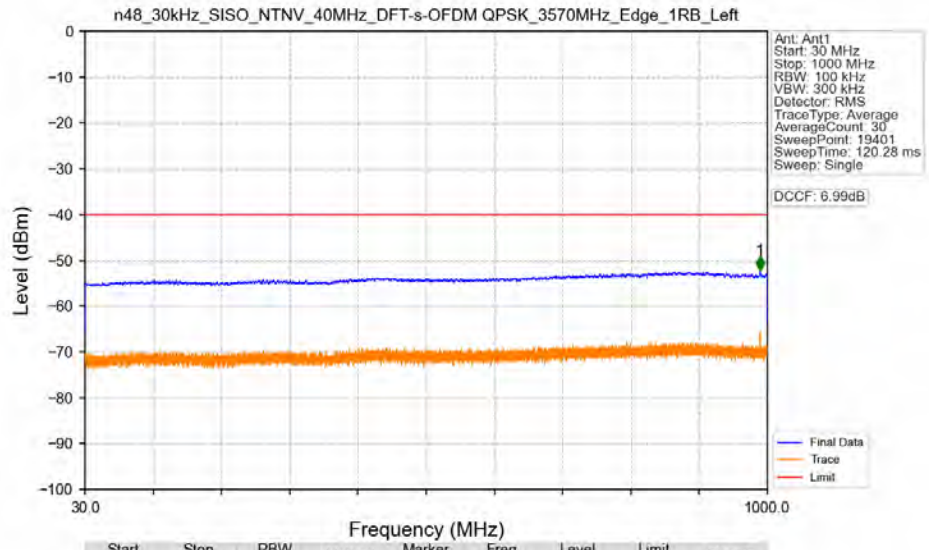

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	989.750	-52.16	-40	Pass

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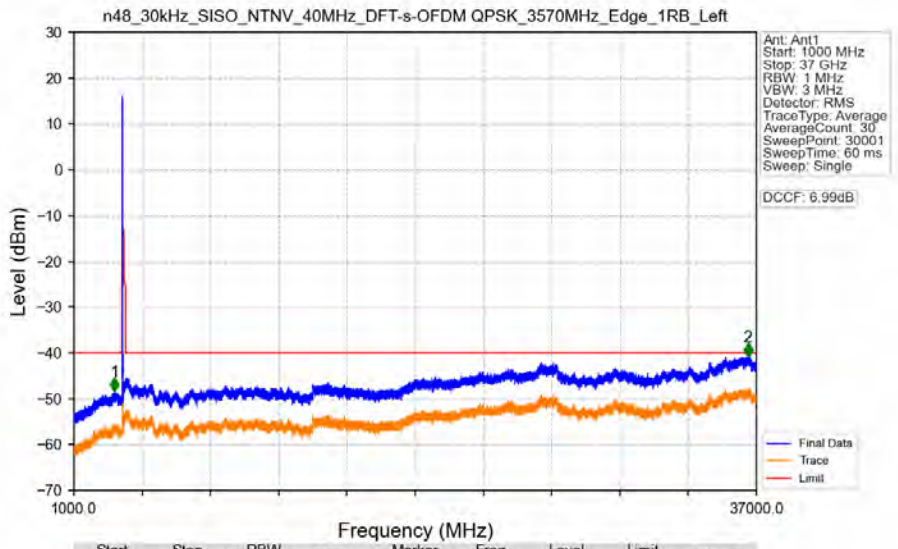
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3570MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3549	1	/	1	3146.800	-48.46	-40	Pass
3549	3595	1	/	/	/	/	/	/
3595	37000	1	/	2	36560.800	-40.87	-40	Pass

n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3570MHz_Outer_Full

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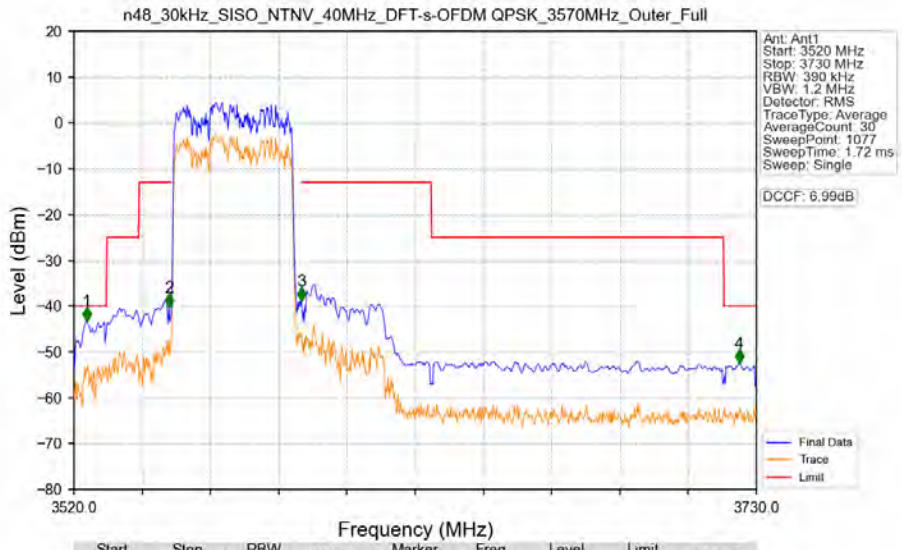

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549	1	CHP	1	3523.903	-43.32	-40	Pass
3549	3550	0.39	/	2	3549.275	-40.35	-13	Pass
3550	3590	0.39	/	/	/	/	/	/
3590	3591	0.39	/	3	3590.065	-38.94	-13	Pass
3591	3730	1	CHP	4	3724.730	-52.46	-40	Pass

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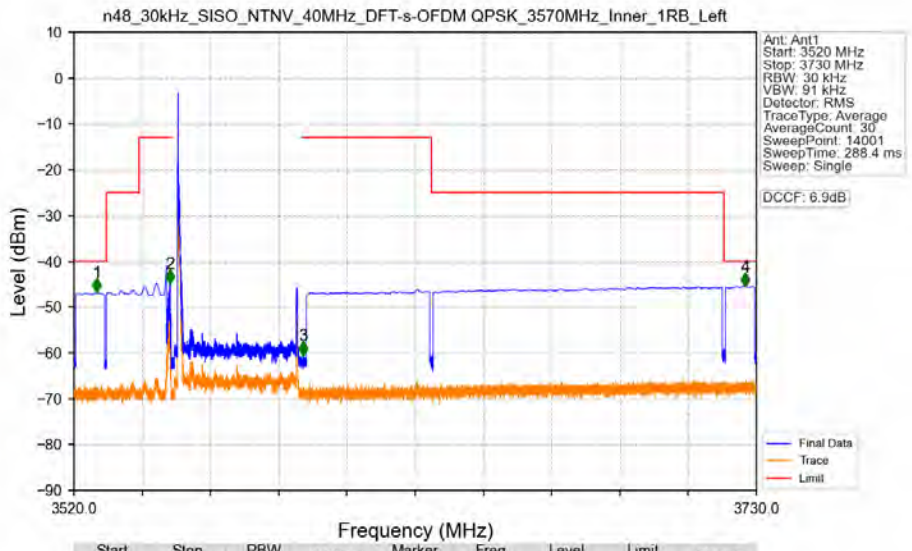

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549	1	CHP	1	3526.990	-46.85	-40	Pass
3549	3550	0.03	/	2	3549.550	-44.84	-13	Pass
3550	3590	0.03	/	/	/	/	/	/
3590	3591	0.03	/	3	3590.485	-60.62	-13	Pass
3591	3730	1	CHP	4	3726.580	-45.51	-40	Pass

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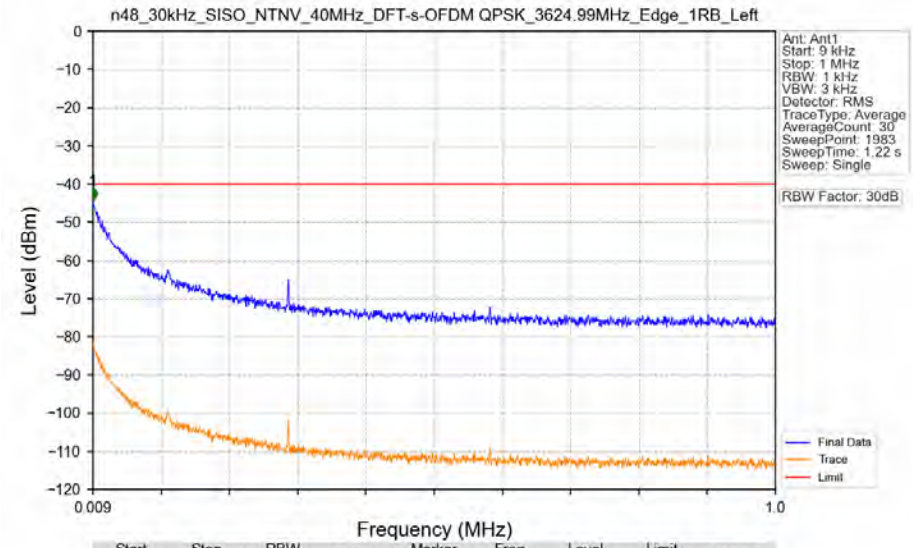

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-44.47	-40	Pass

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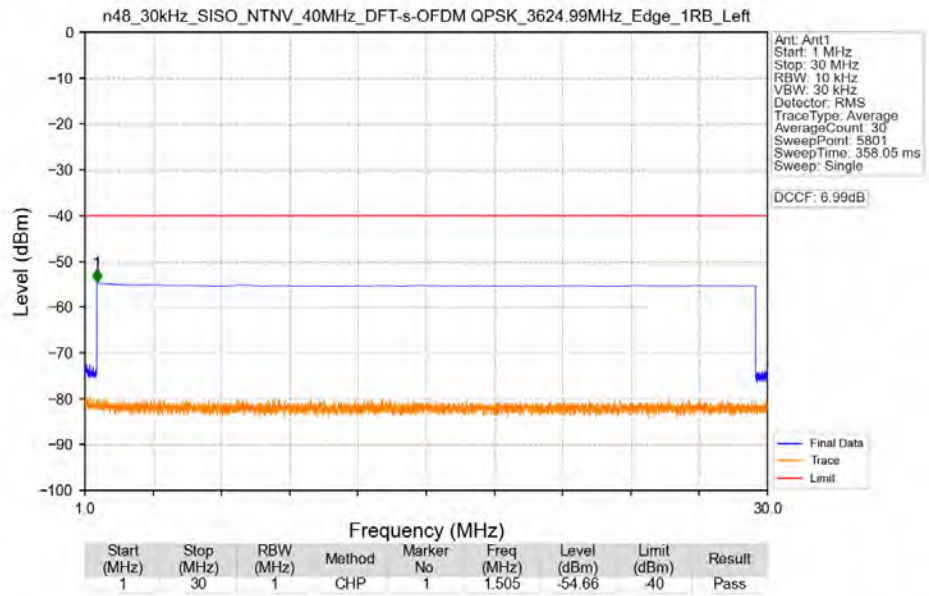

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-54.66	-40	Pass

n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3624.99MHz_Edge_1RB_Left

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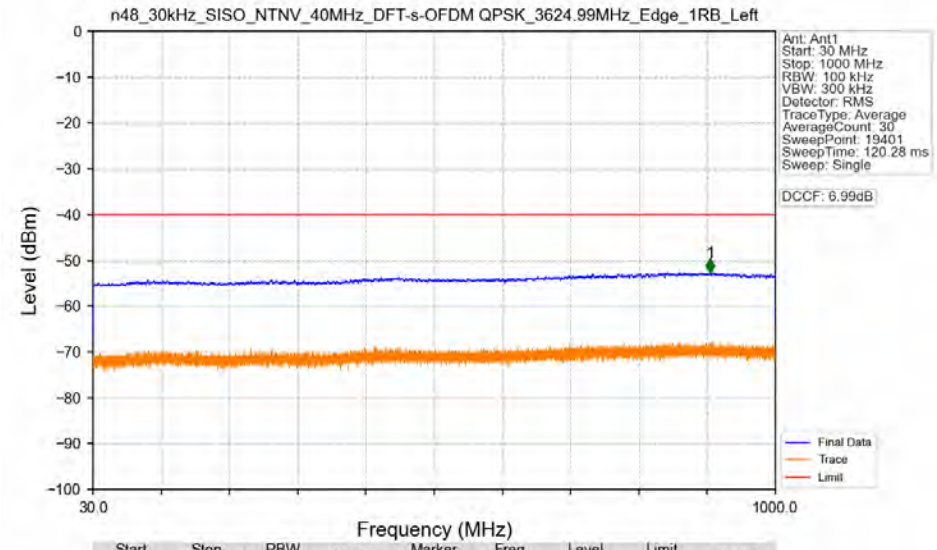

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	907.550	-52.68	-40	Pass

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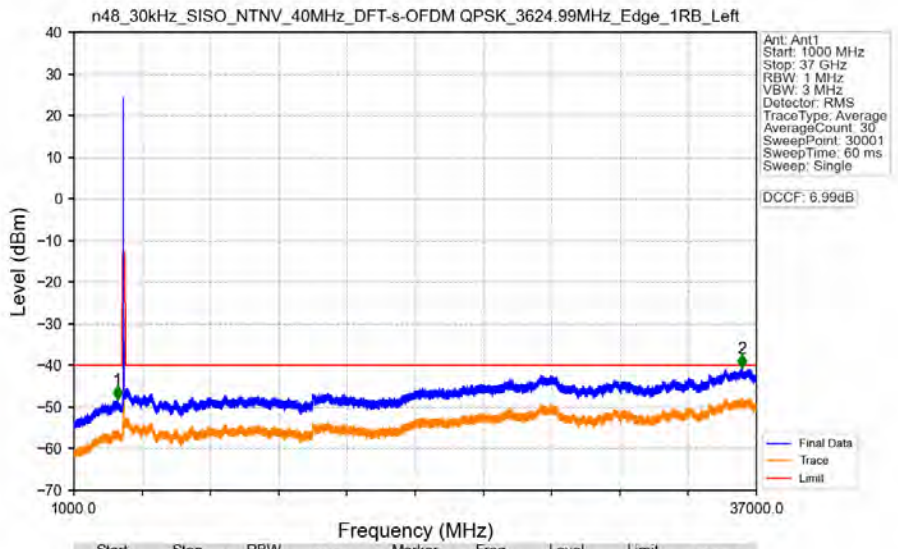

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3603.99	1	/	1	3283.600	-48.34	-40	Pass
3603.99	3649.99	1	/	/	/	/	/	/
3649.99	37000	1	/	2	36253.600	-40.74	-40	Pass

n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3679.98MHz_Edge_1RB_Right

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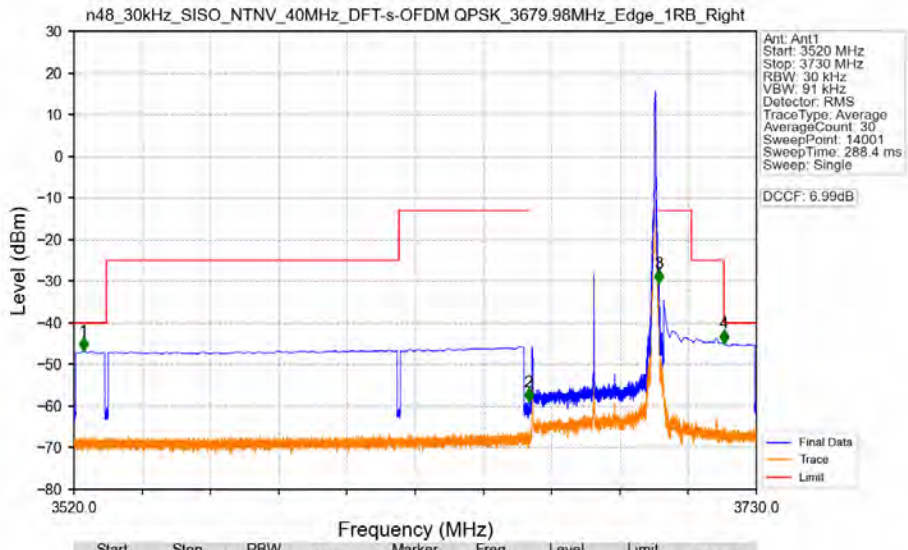

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3658.98	1	CHP	1	3522.940	-46.89	-40	Pass
3658.98	3659.98	0.03	/	2	3659.890	-59.13	-13	Pass
3659.98	3699.98	0.03	/	/	/	/	/	/
3699.98	3700.98	0.03	/	3	3700.030	-30.52	-13	Pass
3700.98	3730	1	CHP	4	3720.055	-45.01	-40	Pass

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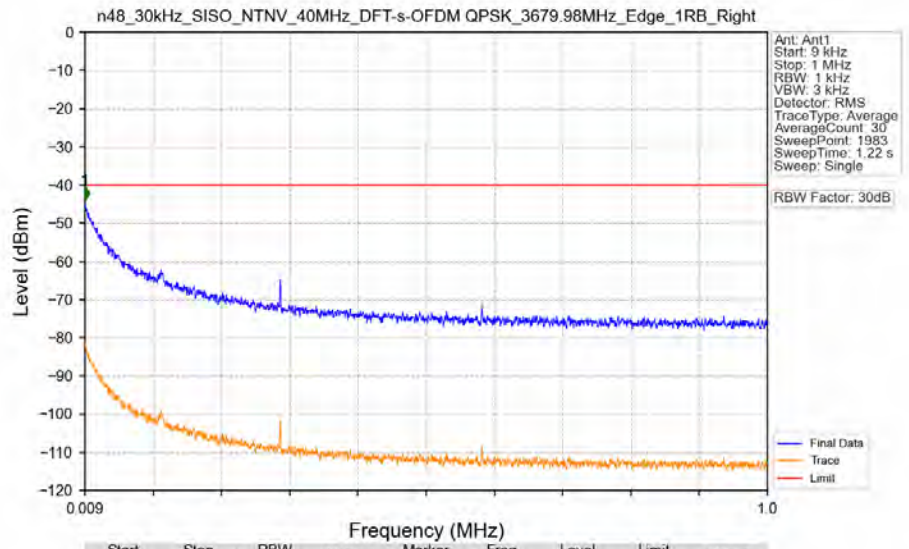
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3679.98MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-44.03	-40	Pass

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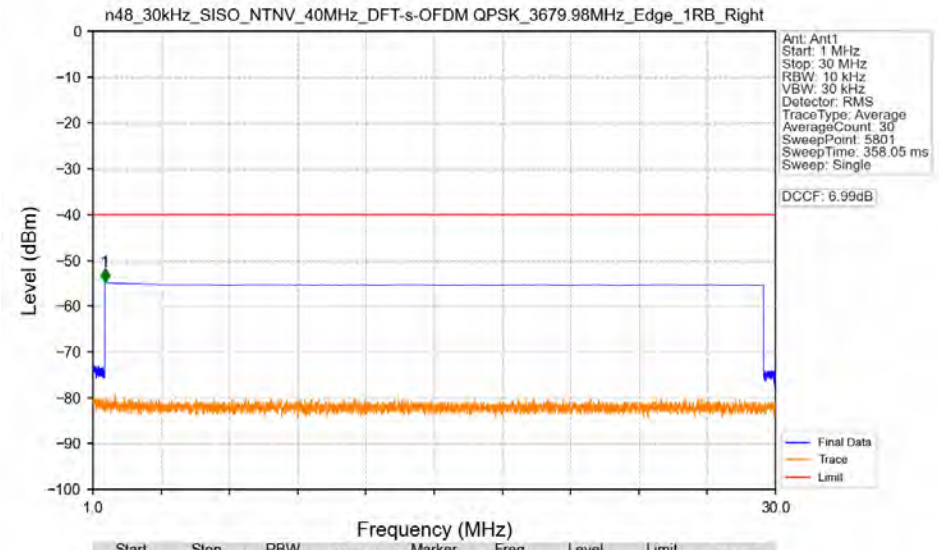

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-54.77	-40	Pass

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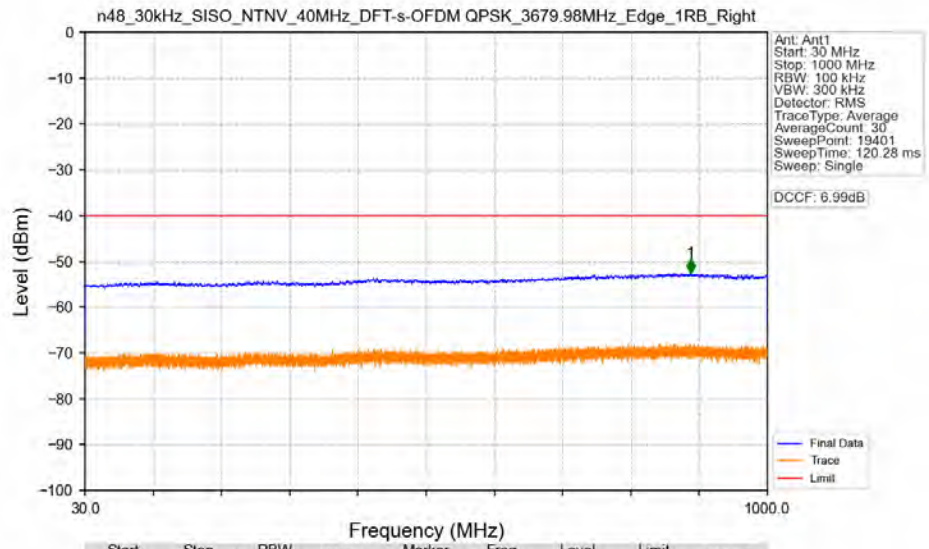

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	890.750	-52.59	-40	Pass

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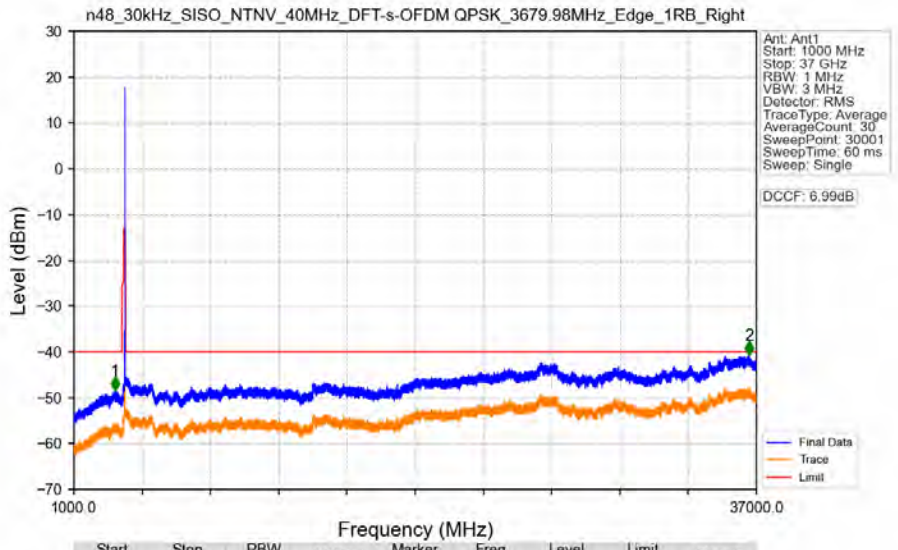

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3658.98	1	/	1	3163.600	-48.51	-40	Pass
3658.98	3704.98	1	/	/	/	/	/	/
3704.98	37000	1	/	2	36631.600	-40.71	-40	Pass

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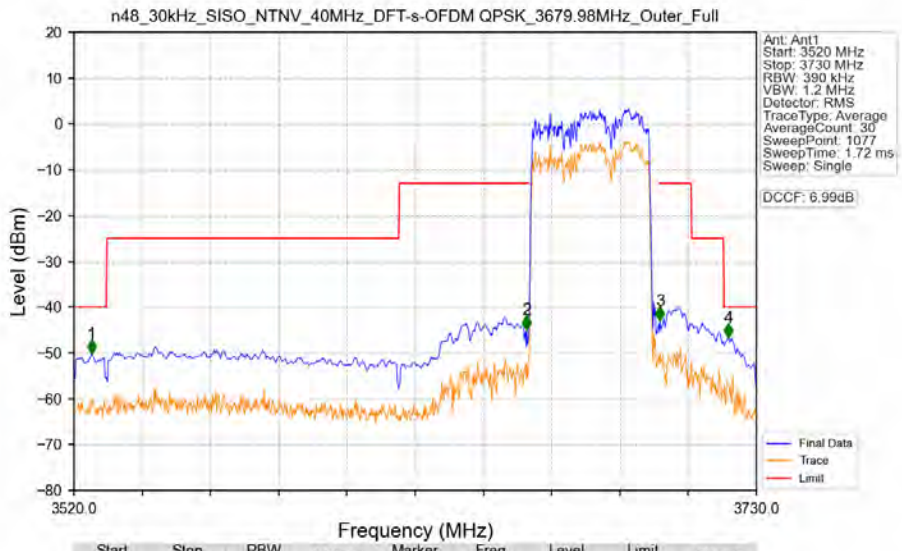

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3658.98	1	CHP	1	3525.465	-50.22	-40	Pass
3658.98	3659.98	0.39	/	2	3659.349	-44.97	-13	Pass
3659.98	3699.98	0.39	/	/	/	/	/	/
3699.98	3700.98	0.39	/	3	3700.335	-43.01	-13	Pass
3700.98	3730	1	CHP	4	3721.413	-46.64	-40	Pass

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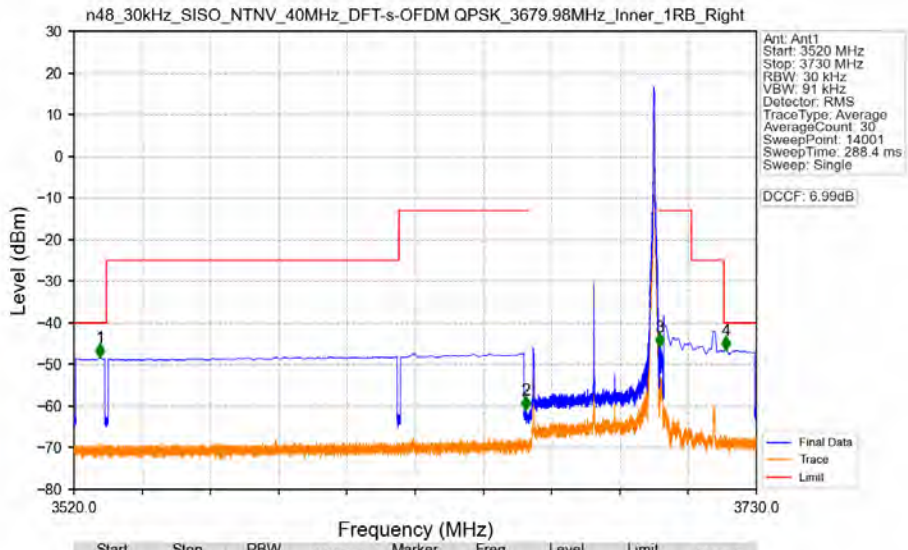

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3658.98	1	CHP	1	3528.040	-48.46	-40	Pass
3658.98	3659.98	0.03	/	2	3659.095	-60.97	-13	Pass
3659.98	3699.98	0.03	/	/	/	/	/	/
3699.98	3700.98	0.03	/	3	3700.240	-45.84	-13	Pass
3700.98	3730	1	CHP	4	3720.655	-46.58	-40	Pass

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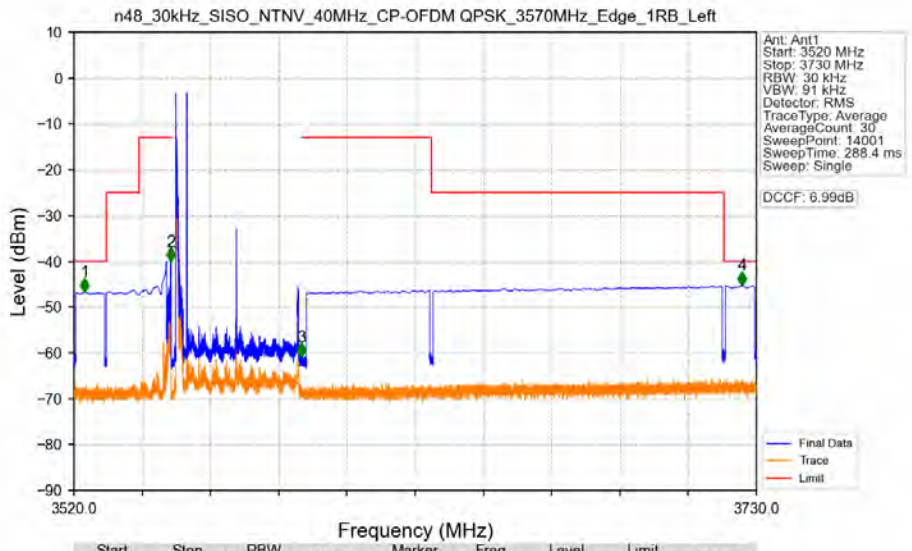

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549	1	CHP	1	3523.315	-46.70	-40	Pass
3549	3550	0.03	/	2	3549.790	-40.10	-13	Pass
3550	3590	0.03	/	/	/	/	/	/
3590	3591	0.03	/	3	3590.005	-60.90	-13	Pass
3591	3730	1	CHP	4	3725.575	-45.29	-40	Pass

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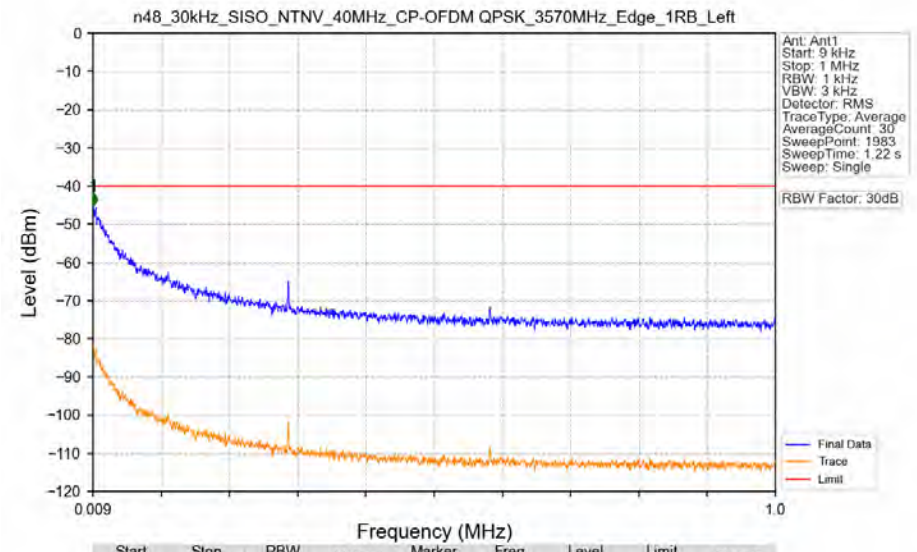

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-45.23	-40	Pass

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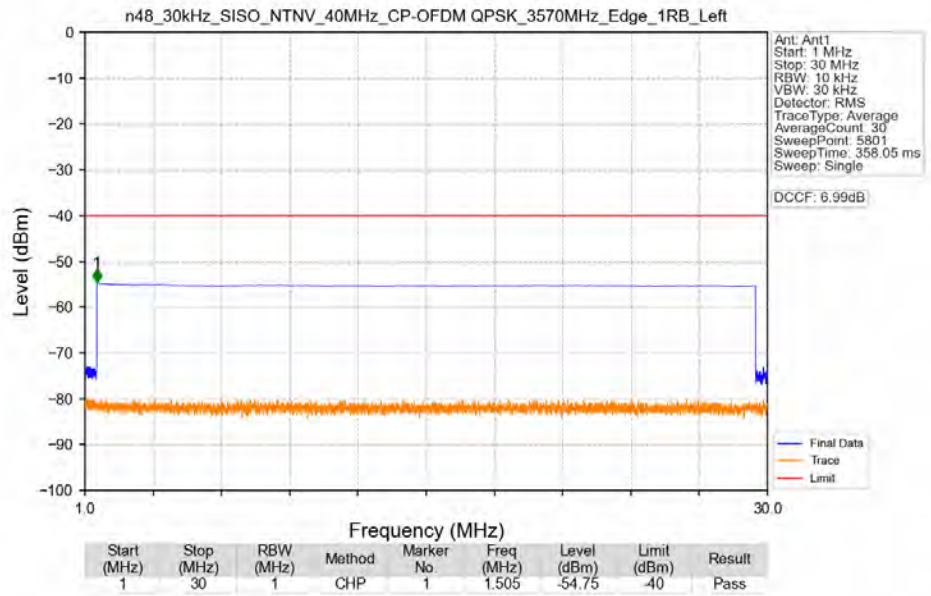

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-54.75	-40	Pass

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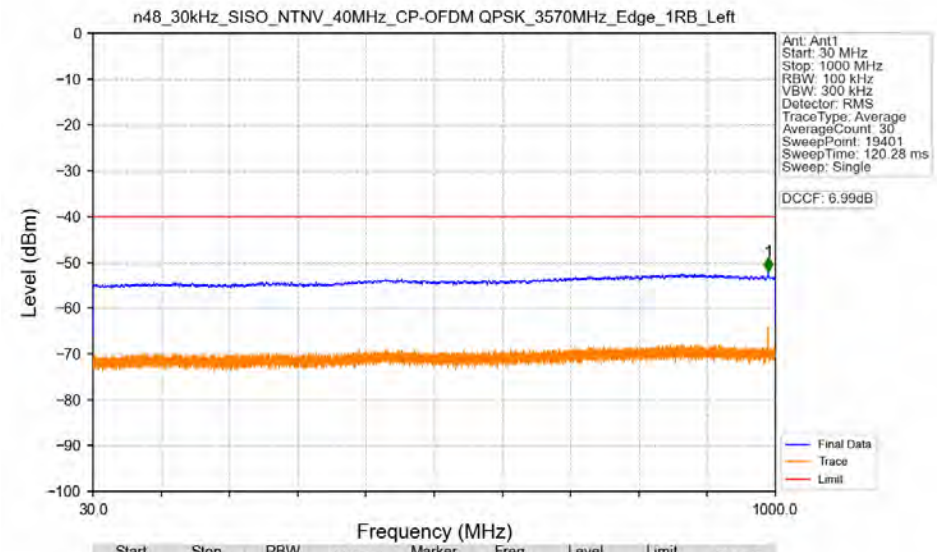

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	989.950	-52.02	-40	Pass

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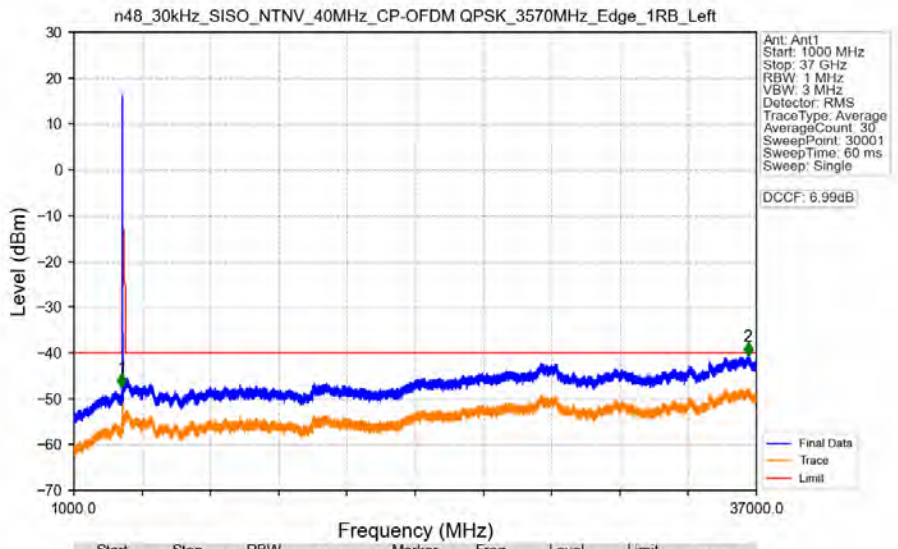

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3549	1	/	1	3523.600	-47.66	-40	Pass
3549	3595	1	/	/	/	/	/	/
3595	37000	1	/	2	36558.400	-40.79	-40	Pass

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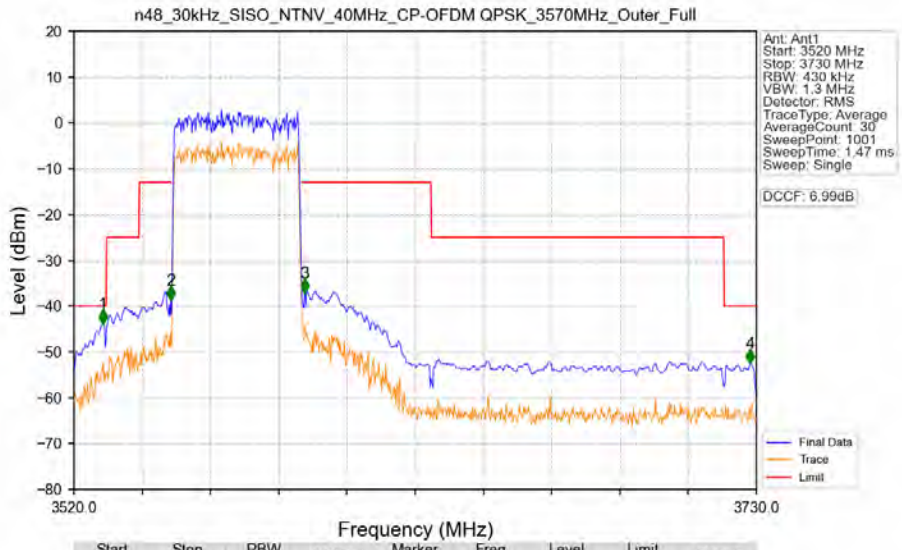

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549	1	CHP	1	3528.820	-43.88	-40	Pass
3549	3550	0.43	/	2	3549.820	-38.74	-13	Pass
3550	3590	0.43	/	/	/	/	/	/
3590	3591	0.43	/	3	3590.980	-37.14	-13	Pass
3591	3730	1	CHP	4	3728.110	-52.51	-40	Pass

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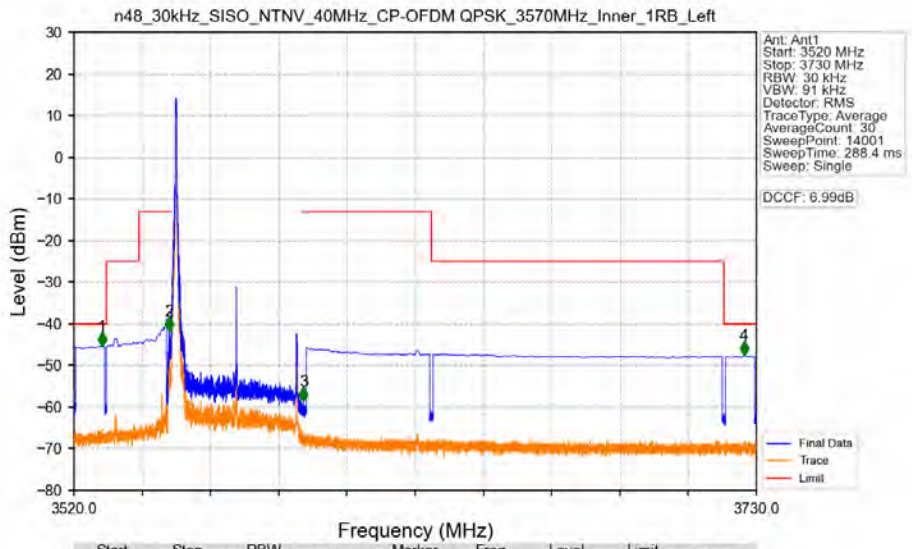
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3570MHz_Inner_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549	1	CHP	1	3528.625	-45.42	-40	Pass
3549	3550	0.03	/	2	3549.325	-41.83	-13	Pass
3550	3590	0.03	/	/	/	/	/	/
3590	3591	0.03	/	3	3590.620	-58.75	-13	Pass
3591	3730	1	CHP	4	3726.160	-47.67	-40	Pass

n48_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3624.99MHz_Edge_1RB_Left

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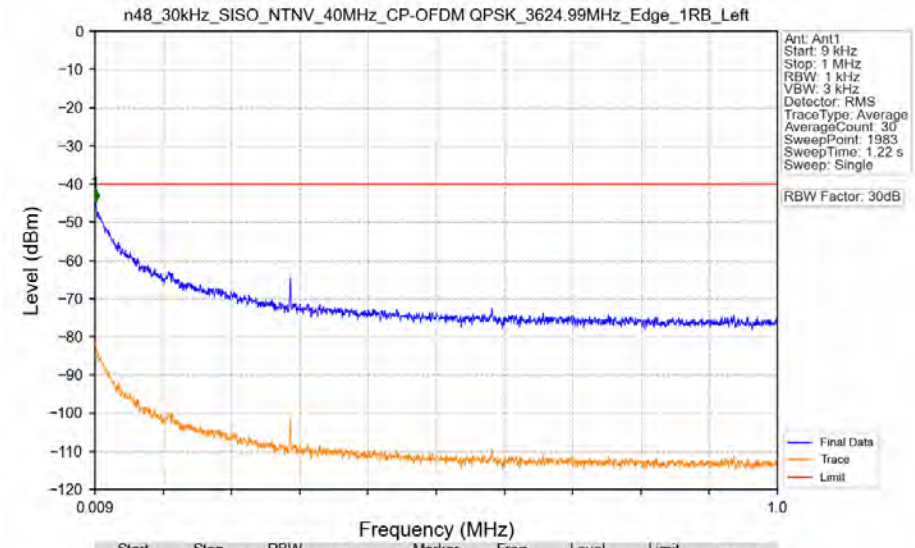

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-44.82	-40	Pass

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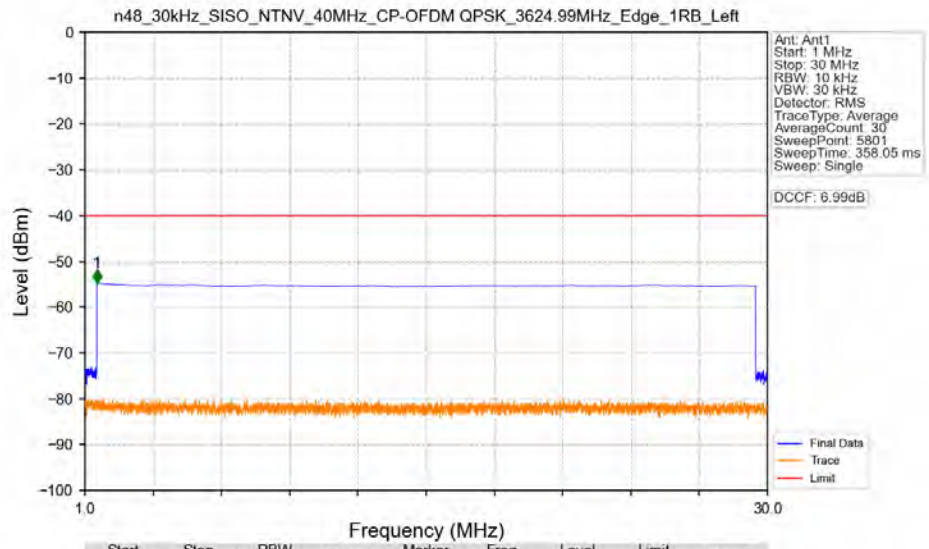
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3624.99MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-54.76	-40	Pass

n48_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3624.99MHz_Edge_1RB_Left

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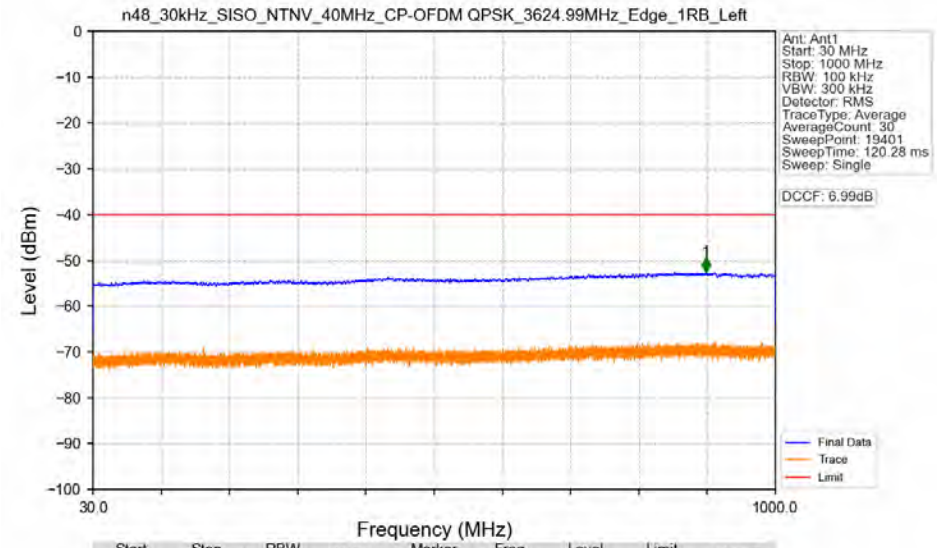

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	901.150	-52.63	-40	Pass

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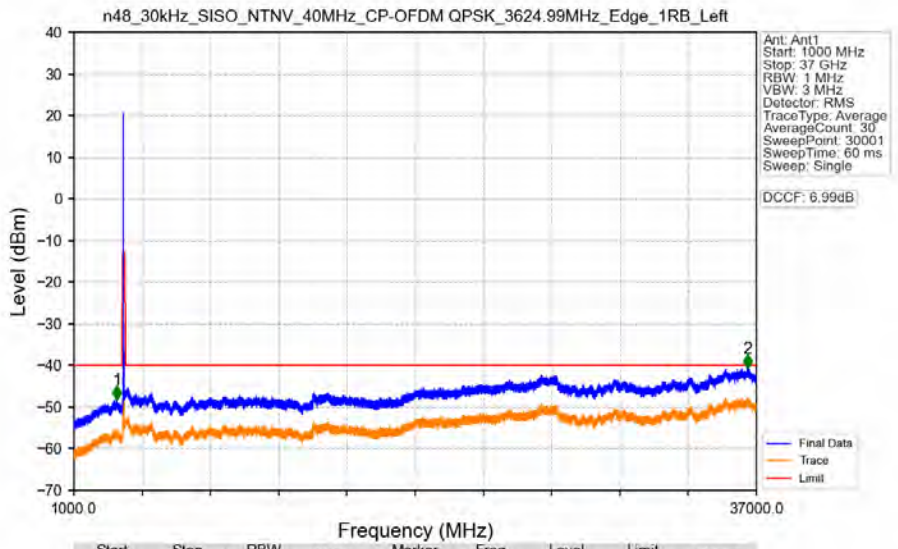
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3624.99MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3603.99	1	/	1	3260.800	-48.33	-40	Pass
3603.99	3649.99	1	/	/	/	/	/	/
3649.99	37000	1	/	2	36552.400	-40.69	-40	Pass

n48_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3679.98MHz_Edge_1RB_Right

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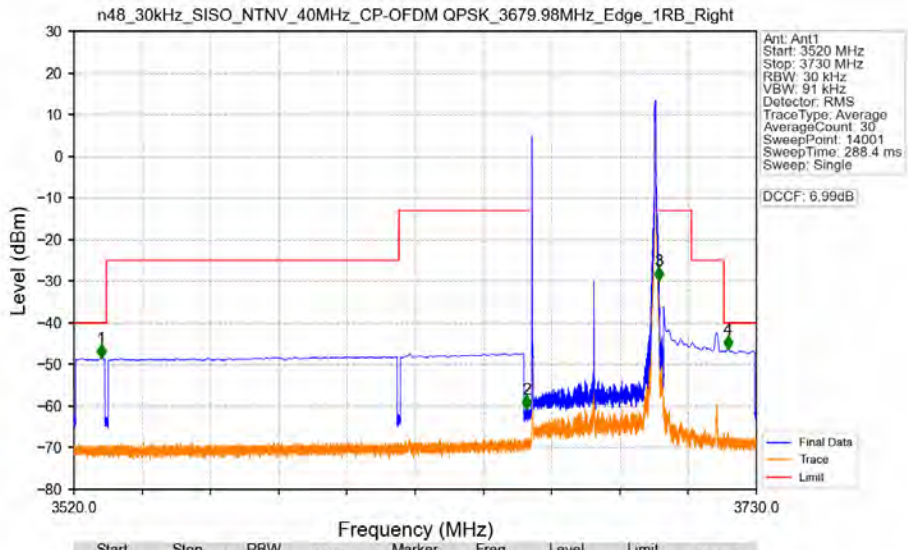

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3658.98	1	CHP	1	3528.325	-48.59	-40	Pass
3658.98	3659.98	0.03	/	2	3659.305	-60.76	-13	Pass
3659.98	3699.98	0.03	/	/	/	/	/	/
3699.98	3700.98	0.03	/	3	3699.985	-29.89	-13	Pass
3700.98	3730	1	CHP	4	3721.255	-46.39	-40	Pass

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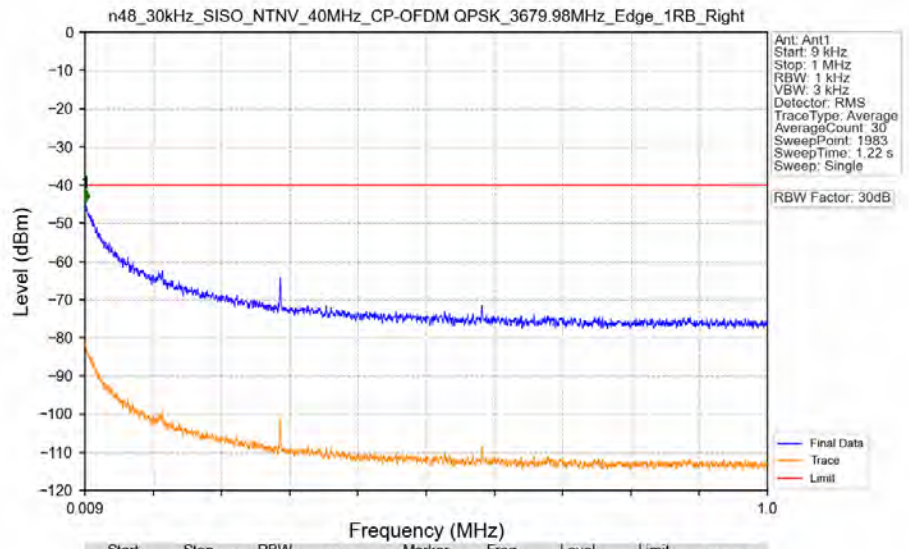

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.009	-44.73	-40	Pass

n48_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3679.98MHz_Edge_1RB_Right

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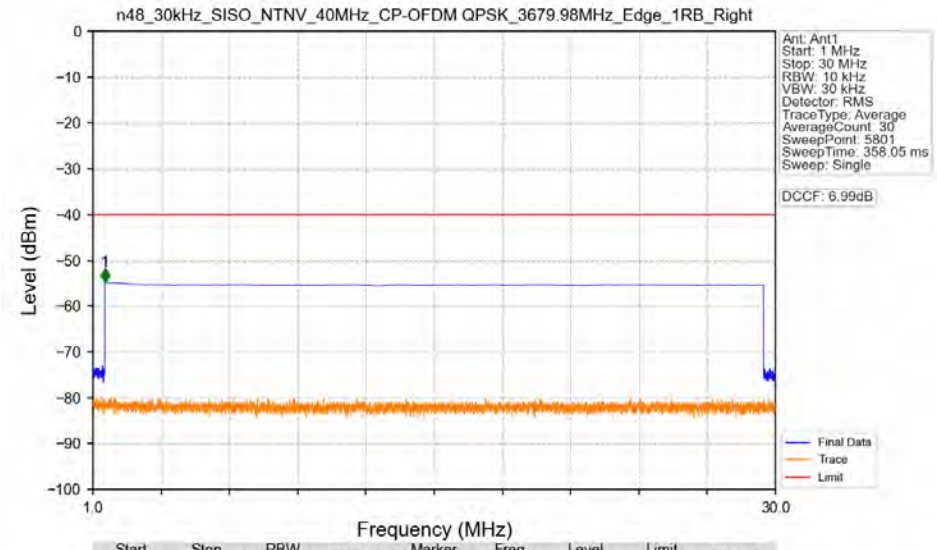

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-54.79	-40	Pass

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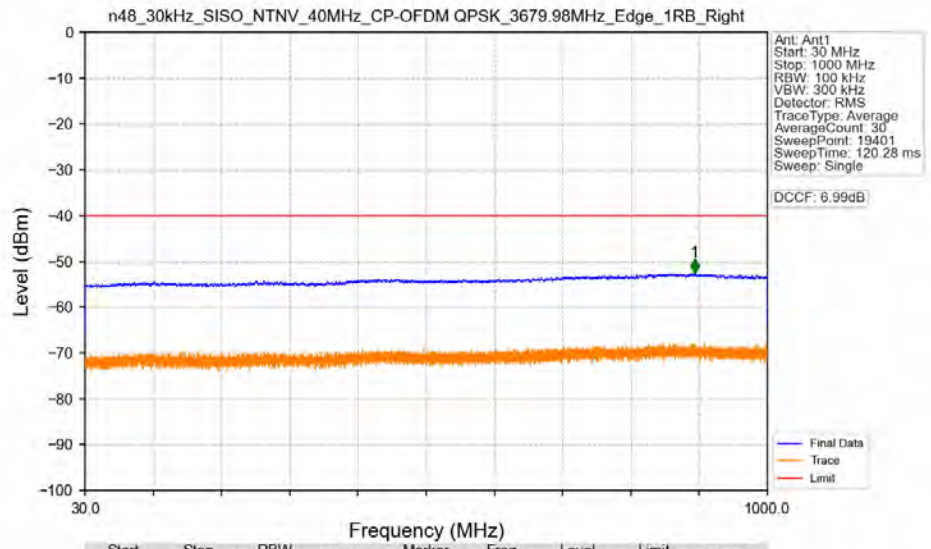
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3679.98MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	896.300	-52.48	-40	Pass

n48_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3679.98MHz_Edge_1RB_Right

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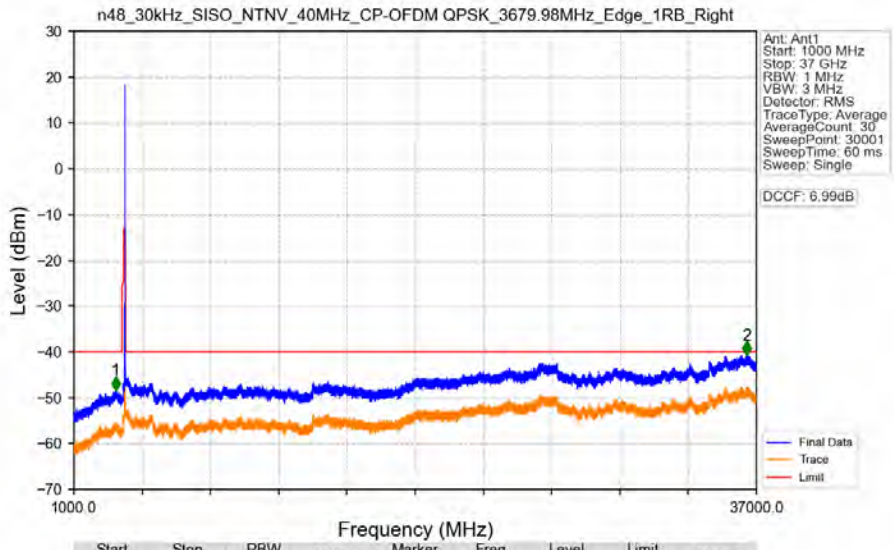

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3658.98	1	/	1	3205.600	-48.39	-40	Pass
3658.98	3704.98	1	/	/	/	/	/	/
3704.98	37000	1	/	2	36481.600	-40.70	-40	Pass

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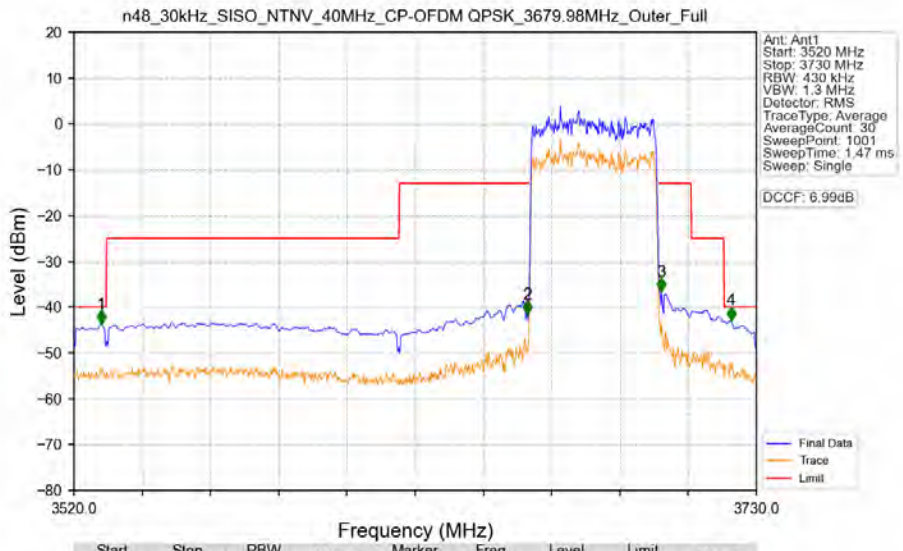

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3658.98	1	CHP	1	3528.400	-43.66	-40	Pass
3658.98	3659.98	0.43	/	2	3659.440	-41.50	-13	Pass
3659.98	3699.98	0.43	/	/	/	/	/	/
3699.98	3700.98	0.43	/	3	3700.810	-36.63	-13	Pass
3700.98	3730	1	CHP	4	3722.230	-42.89	-40	Pass

n48_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3679.98MHz_Inner_1RB_Right

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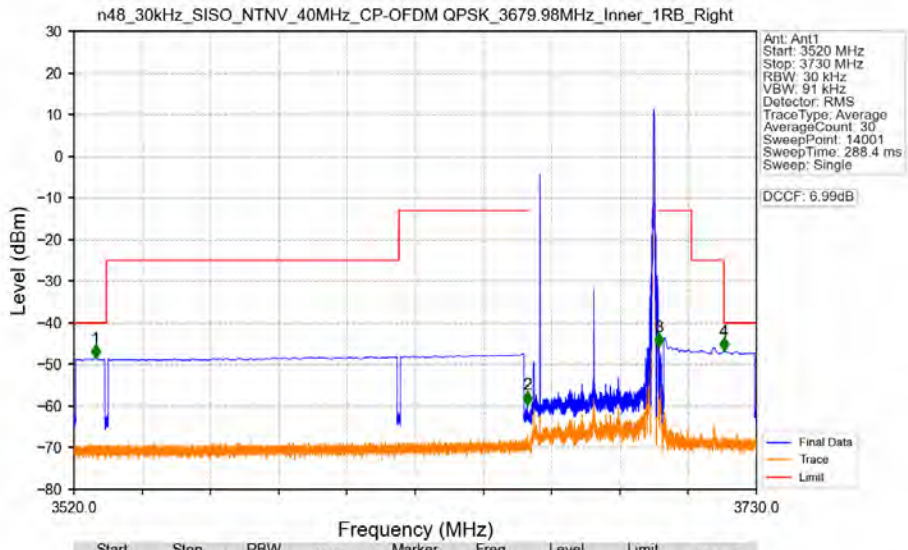

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3658.98	1	CHP	1	3526.615	-48.61	-40	Pass
3658.98	3659.98	0.03	/	2	3659.575	-59.75	-13	Pass
3659.98	3699.98	0.03	/	/	/	/	/	/
3699.98	3700.98	0.03	/	3	3700.030	-45.84	-13	Pass
3700.98	3730	1	CHP	4	3720.055	-46.79	-40	Pass

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5.4 30k_MIMO_10MHz_NTNV

5.4.1 Test Result

5G NR n48 SCS=30kHz MIMO 10MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant4	Sum	Limit	
CP-OFDM QPSK	3555	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
	3694.98	Edge_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass

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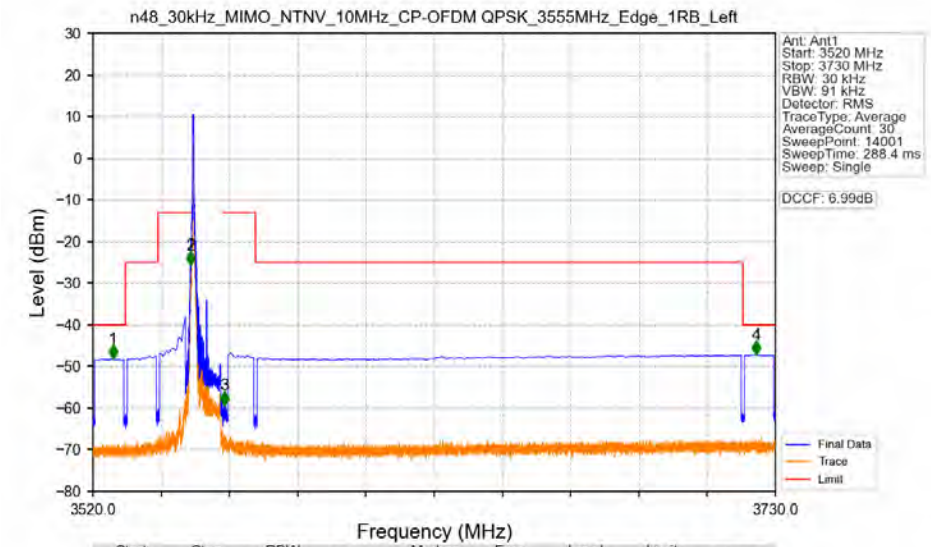
5.4.2 Test Graph

n48_30kHz_MIMO_NTNV_10MHz_CP-OFDM QPSK_3555MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549	1	CHP	1	3526.165	-48.18	-40	Pass
3549	3550	0.03	/	2	3549.985	-25.67	-13	Pass
3550	3560	0.03	/	/	/	/	/	/
3560	3561	0.03	/	3	3560.425	-59.35	-13	Pass
3561	3730	1	CHP	4	3724.120	-47.17	-40	Pass

n48_30kHz_MIMO_NTNV_10MHz_CP-OFDM QPSK_3555MHz_Edge_1RB_Left

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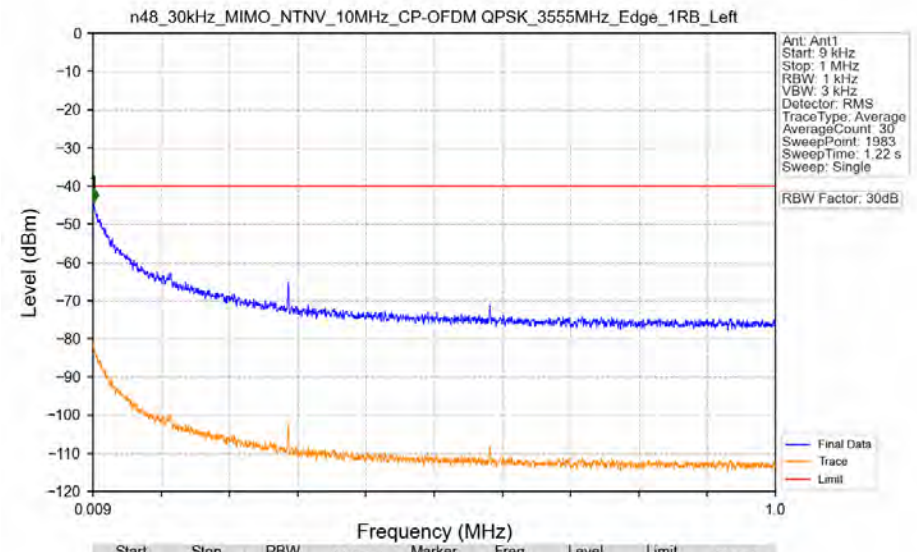

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.010	-44.23	-40	Pass

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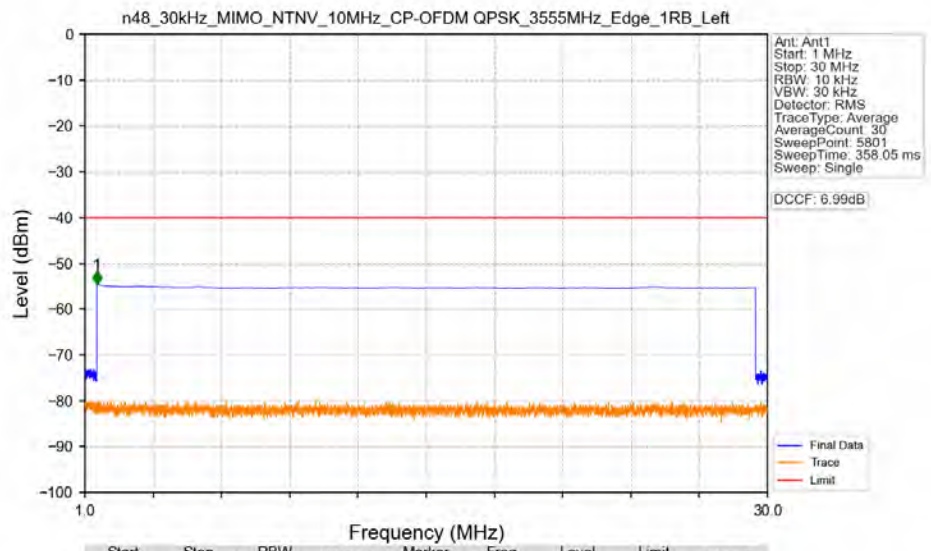

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-54.69	-40	Pass

n48_30kHz_MIMO_NTNV_10MHz_CP-OFDM QPSK_3555MHz_Edge_1RB_Left

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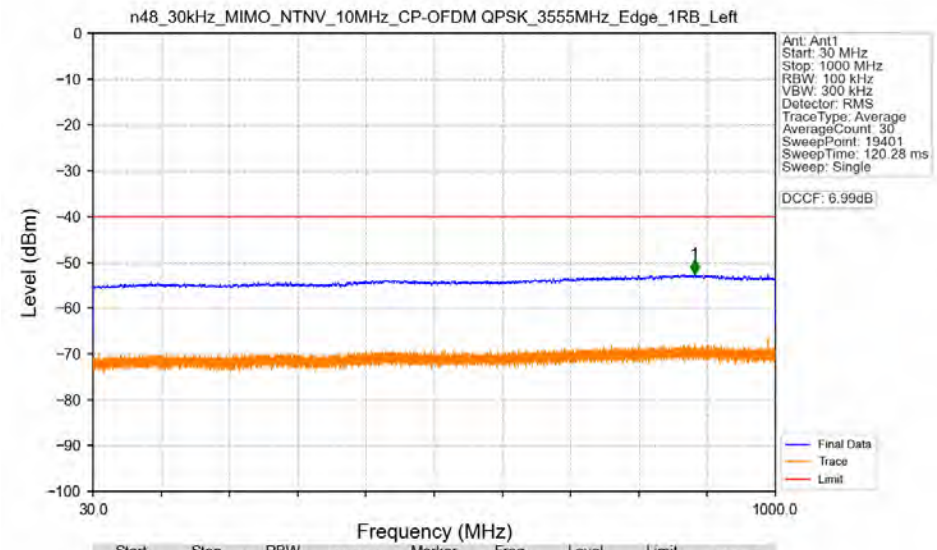

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	885.100	-52.55	-40	Pass

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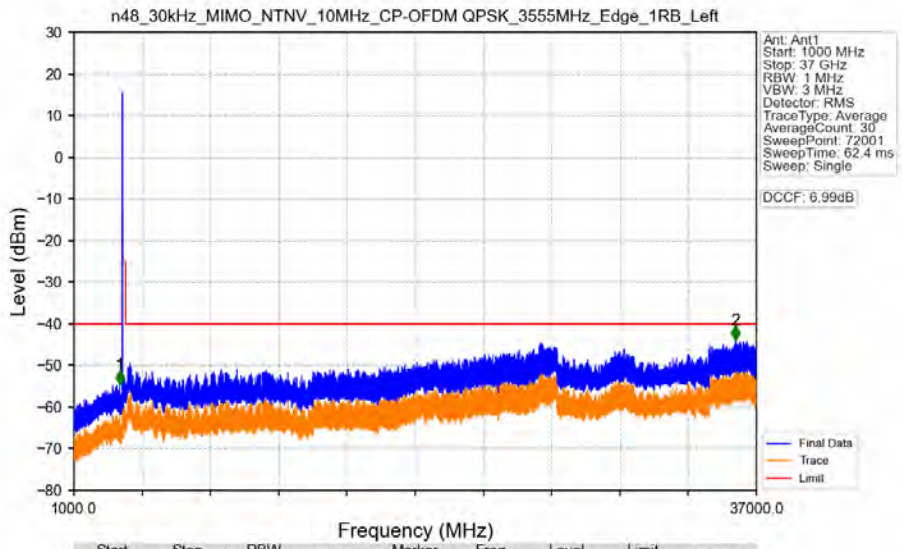
n48_30kHz_MIMO_NTNV_10MHz_CP-OFDM QPSK_3555MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3549	1	/	1	3409.500	-54.57	-40	Pass
3549	3565	1	/	/	/	/	/	/
3565	37000	1	/	2	35901.000	-43.93	-40	Pass

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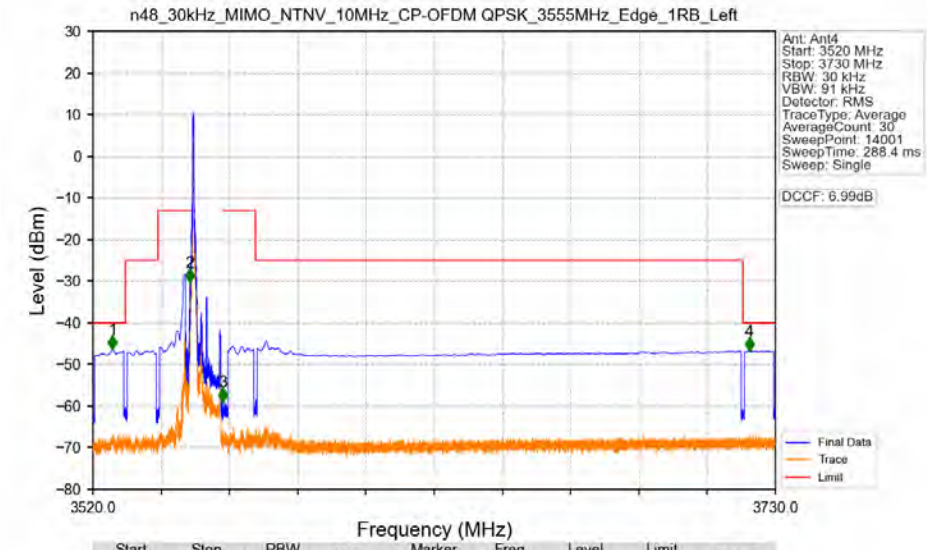

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3549	1	CHP	1	3526.060	-46.48	-40	Pass
3549	3550	0.03	/	2	3549.910	-30.38	-13	Pass
3550	3560	0.03	/	/	/	/	/	/
3560	3561	0.03	/	3	3560.035	-59.04	-13	Pass
3561	3730	1	CHP	4	3721.945	-46.78	-40	Pass

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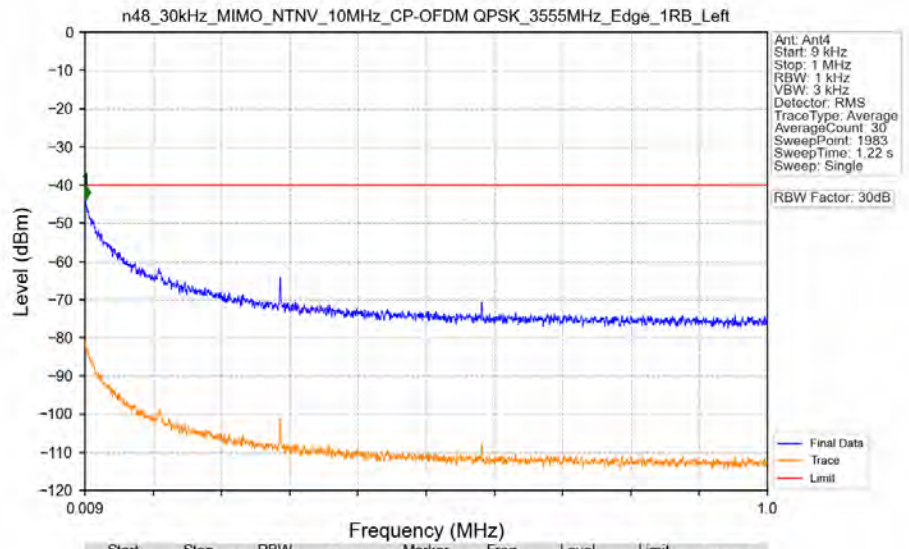

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	1	/	1	0.010	-43.76	-40	Pass

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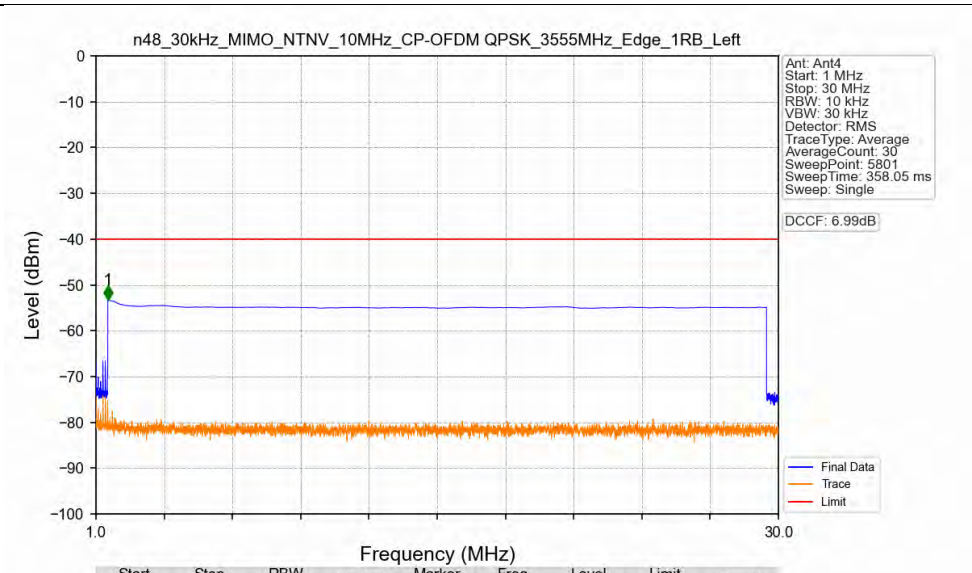

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1	30	1	CHP	1	1.505	-53.31	-40	Pass

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