



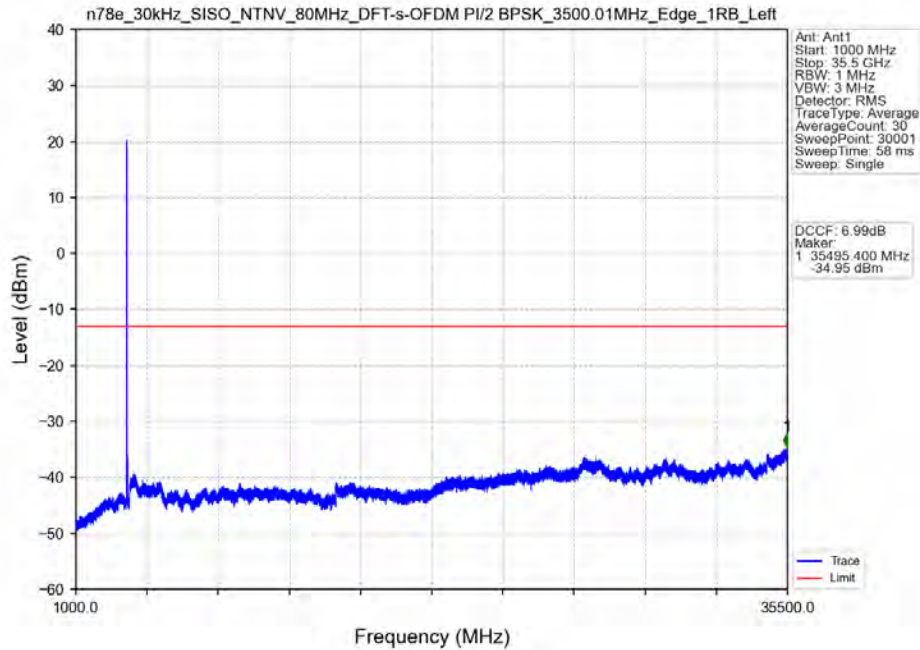
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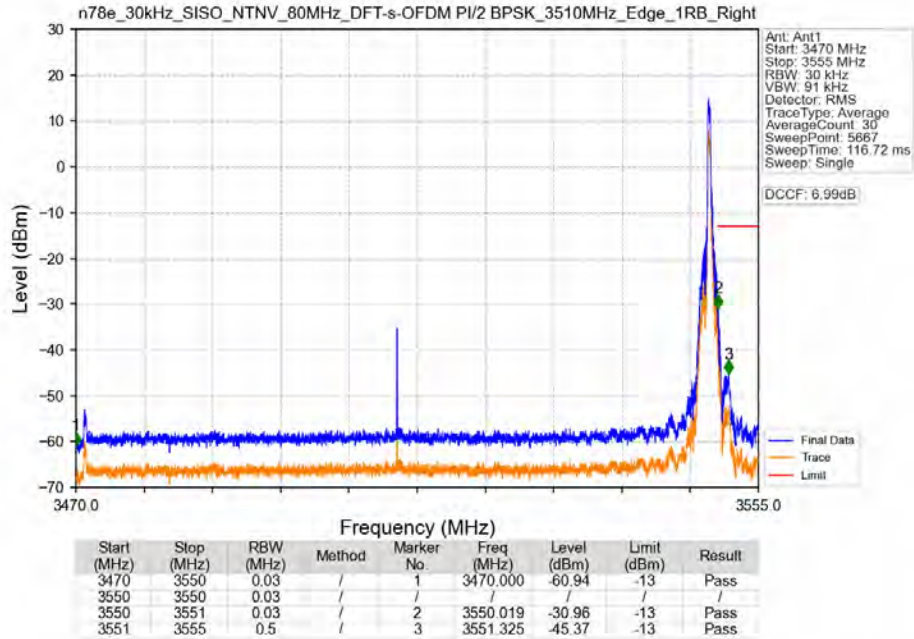


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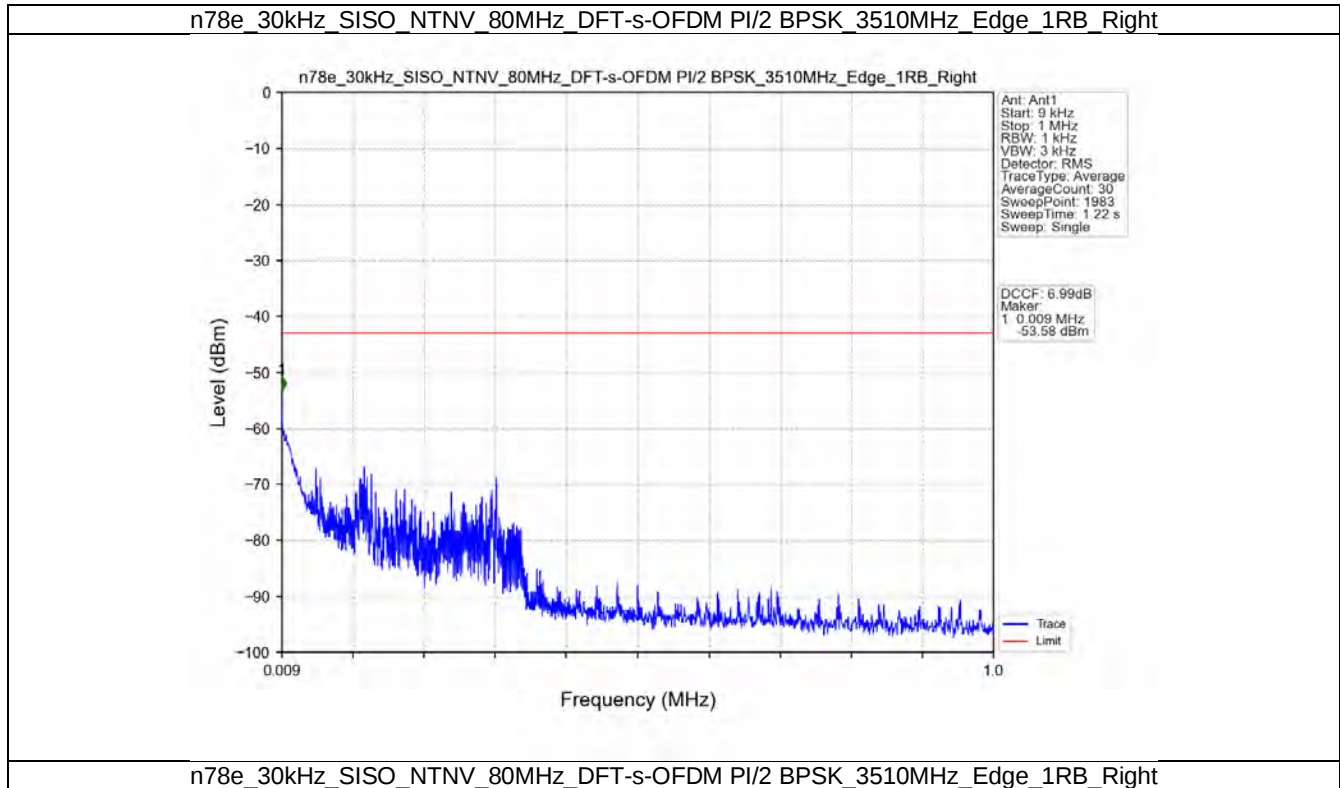


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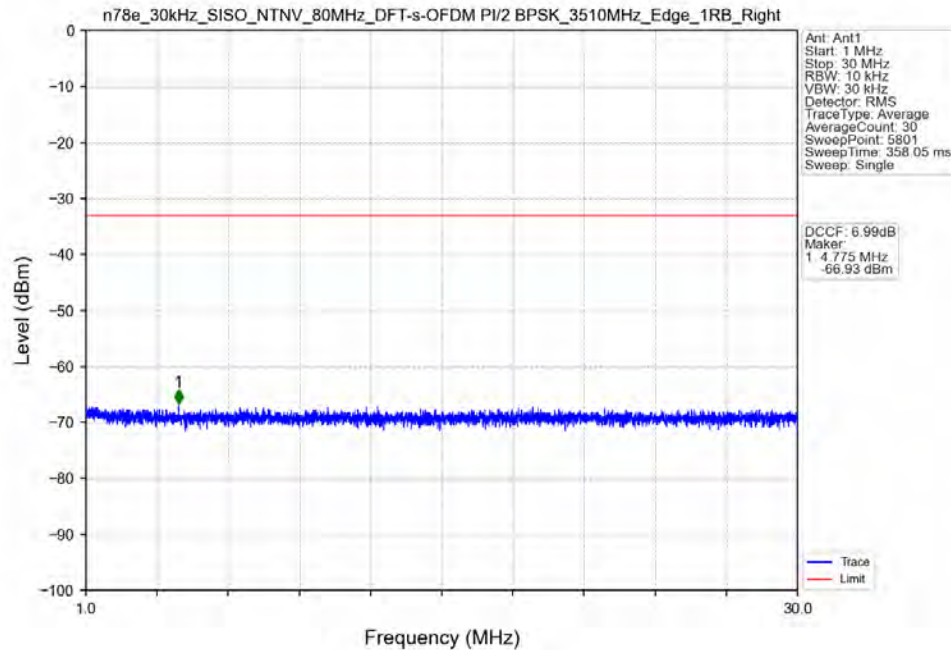


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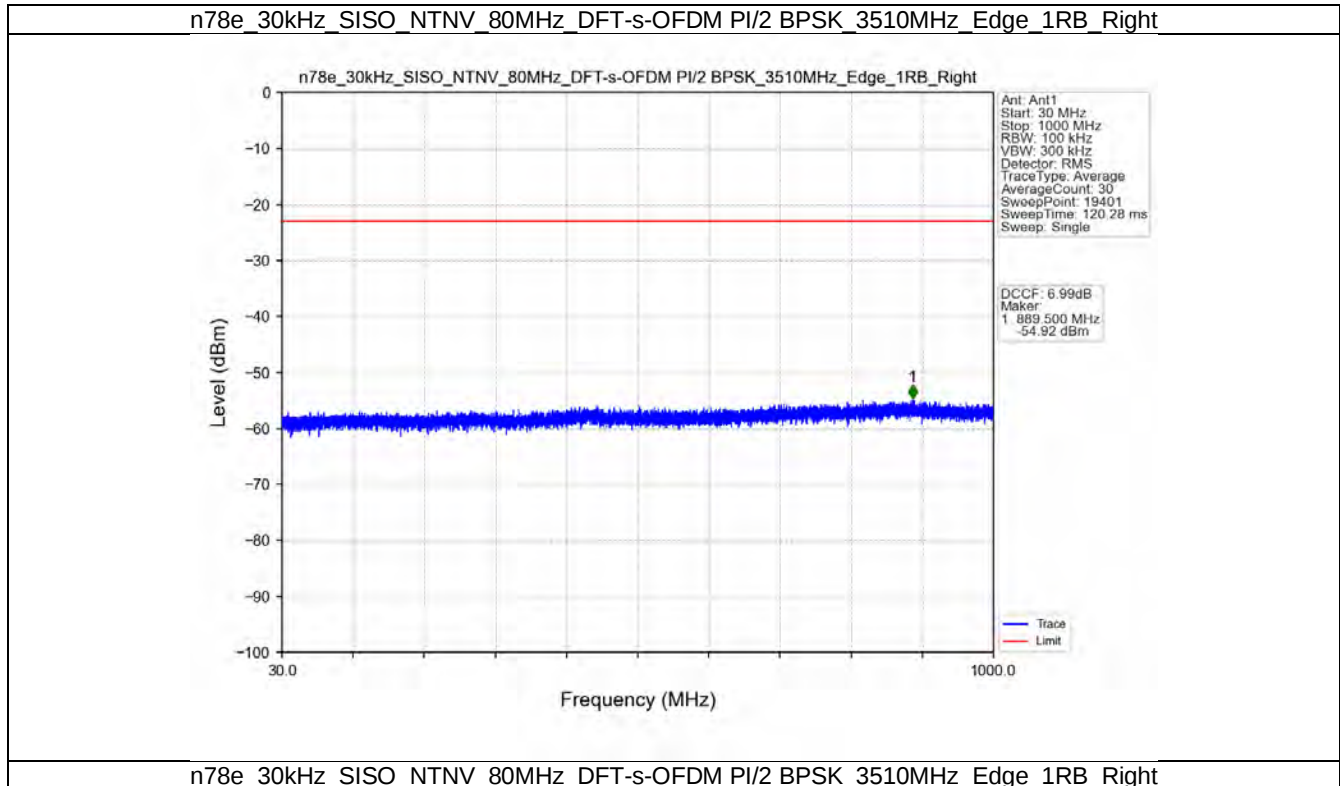


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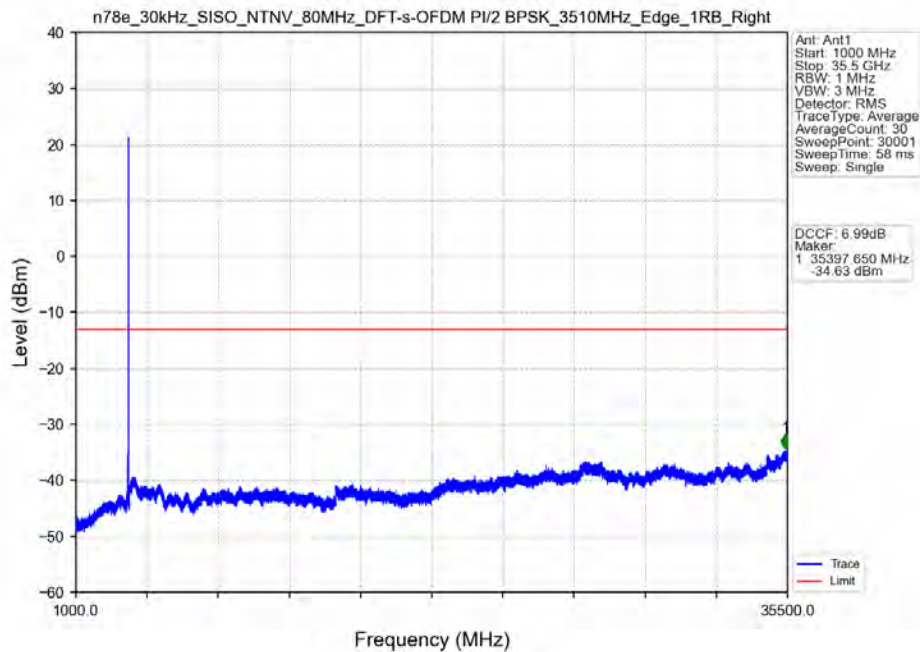


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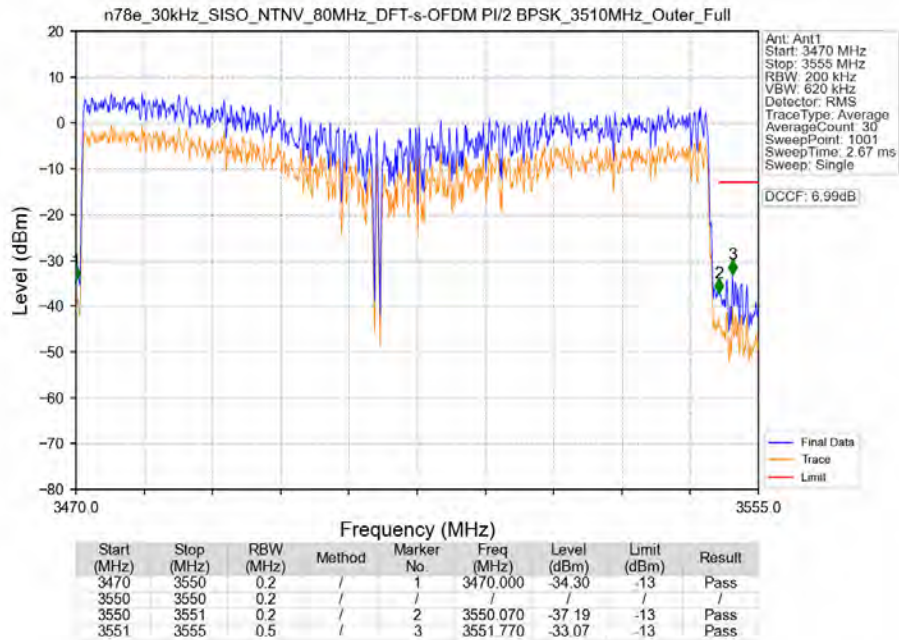
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n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3510MHz_Inner_1RB_Right



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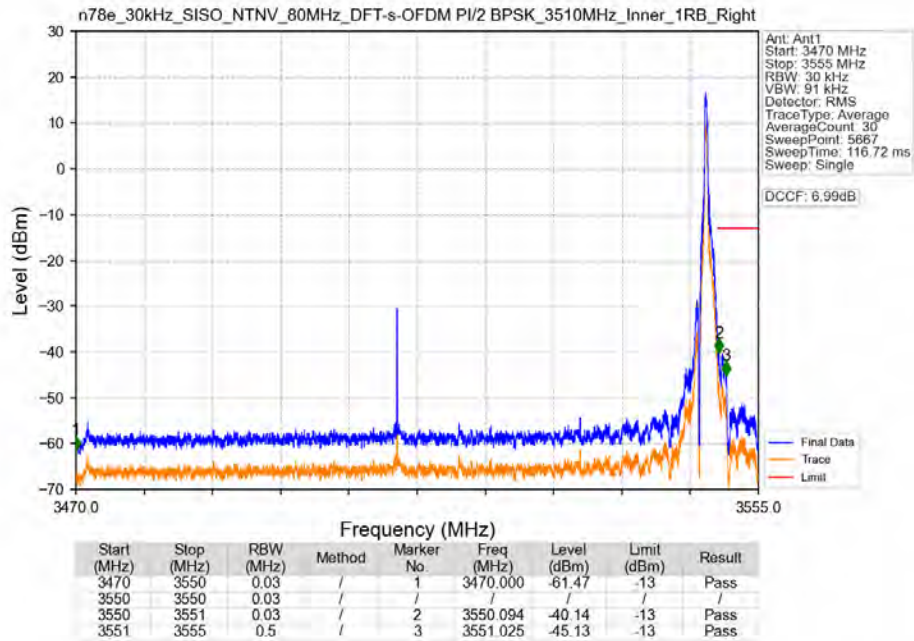


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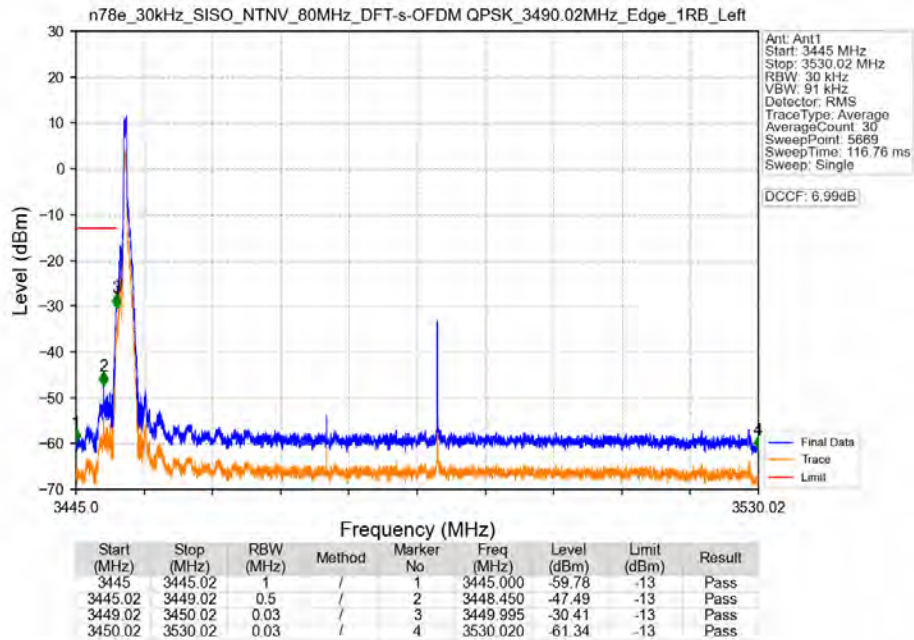
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n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3490.02MHz_Edge_1RB_Left



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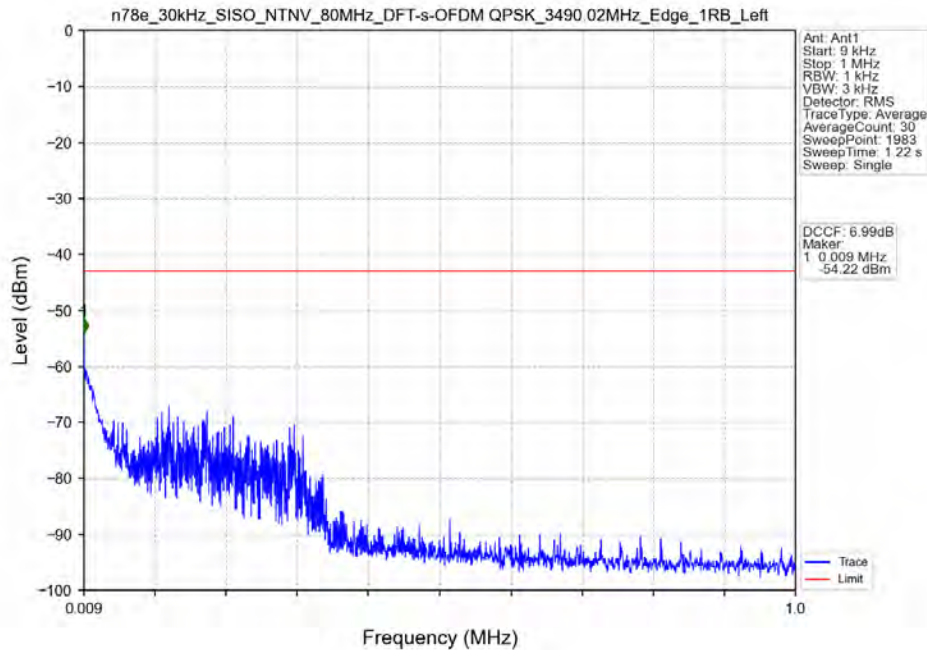


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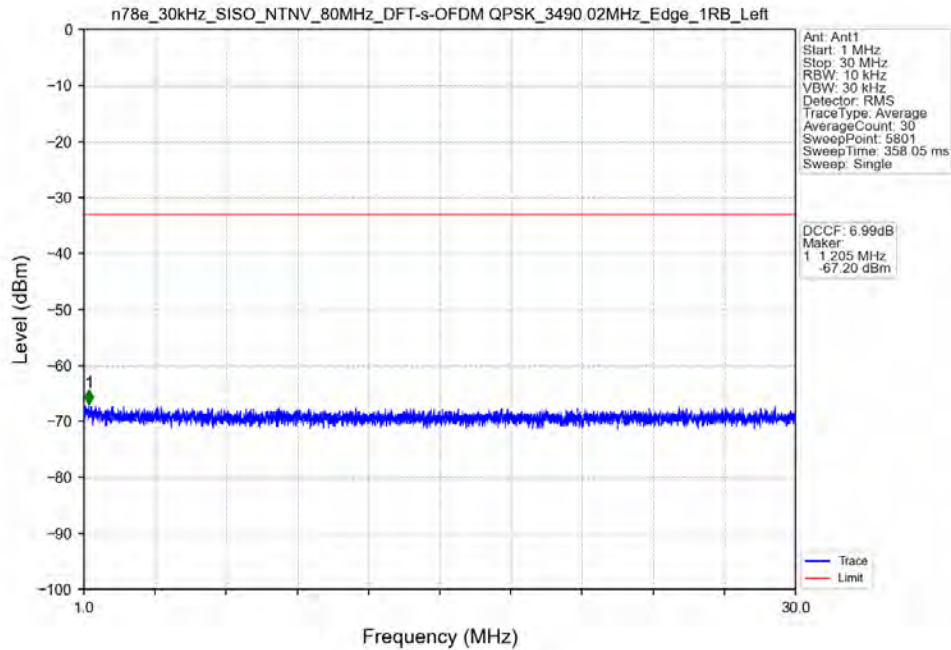
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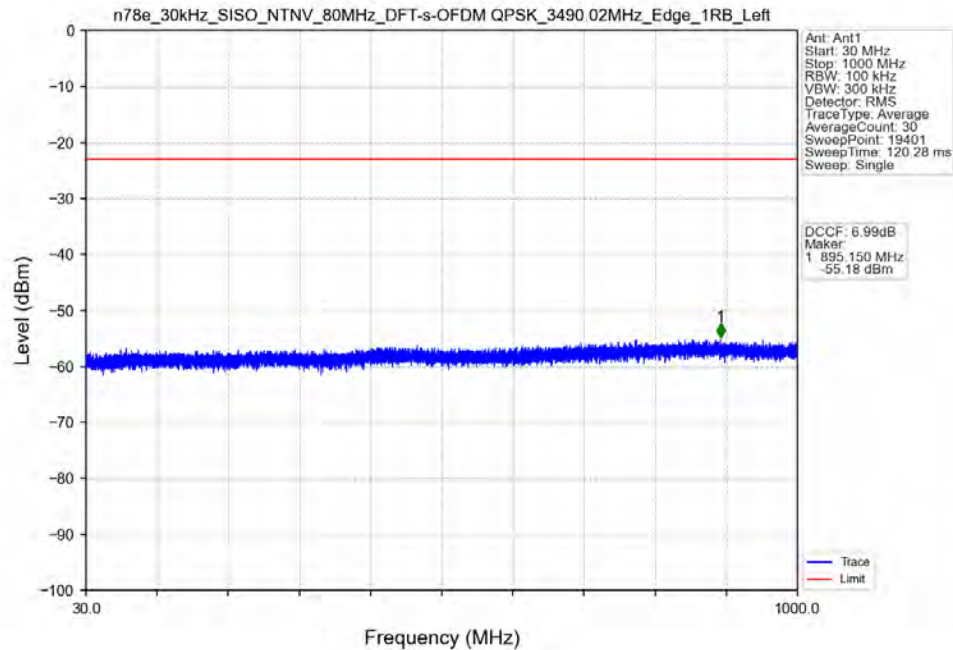


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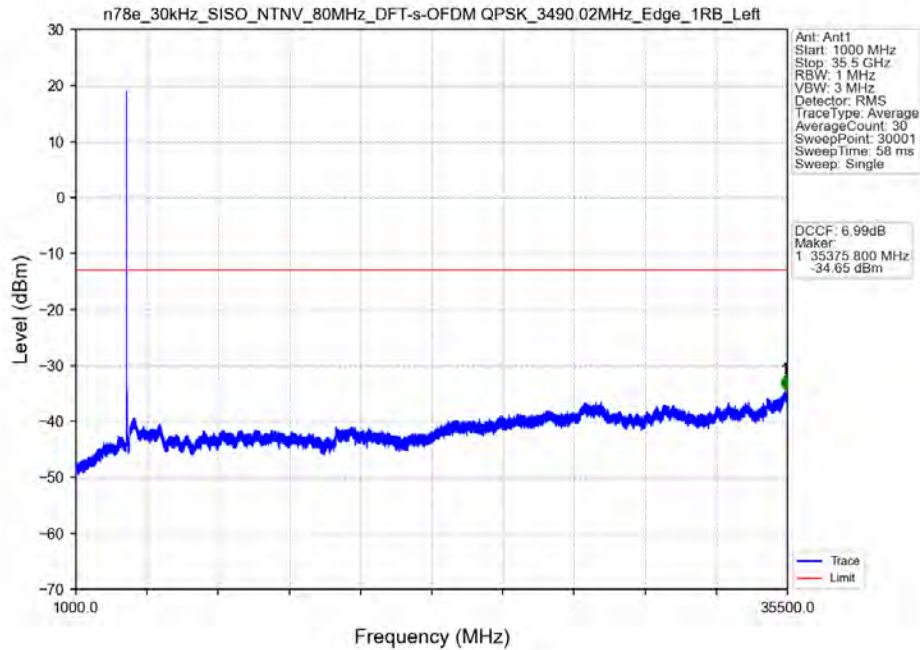
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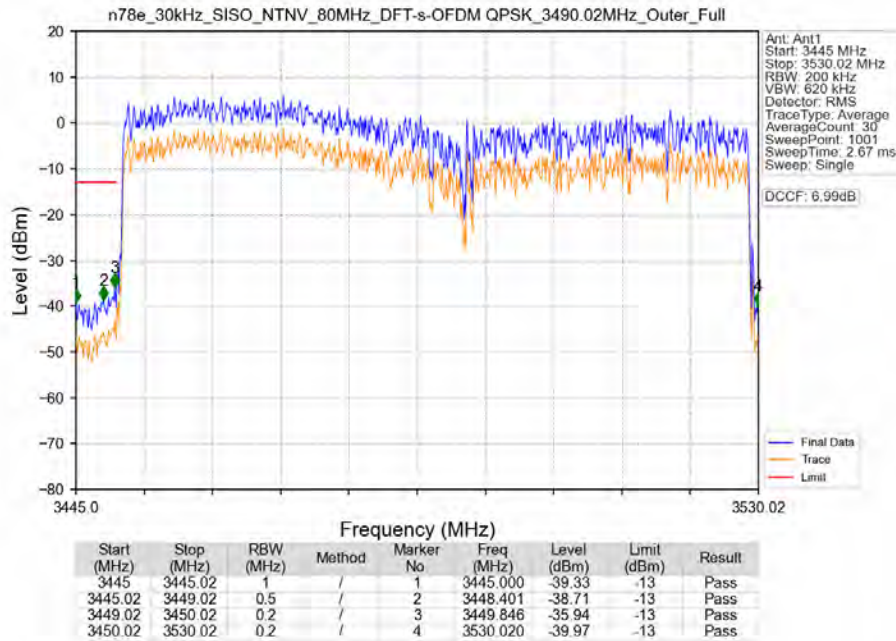


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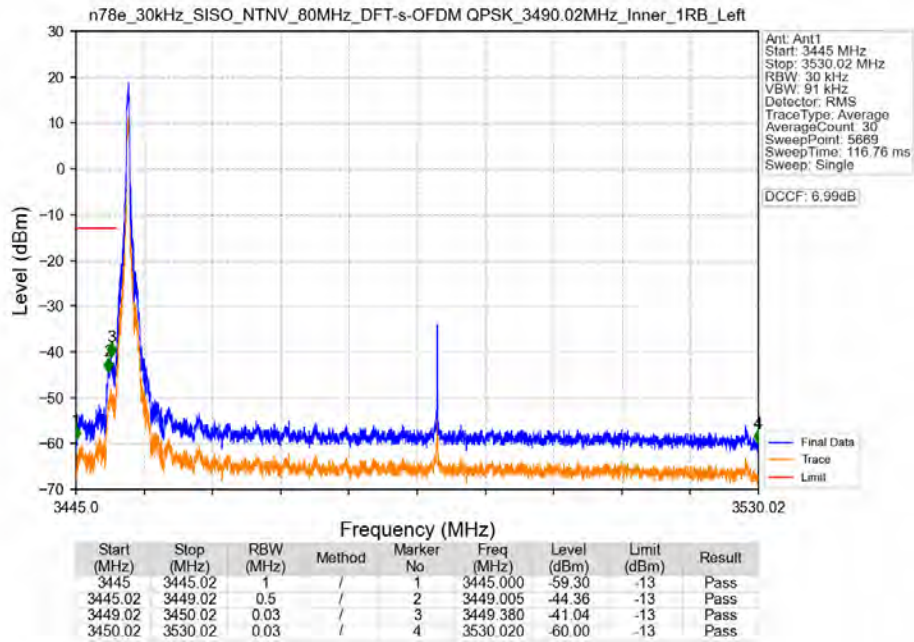
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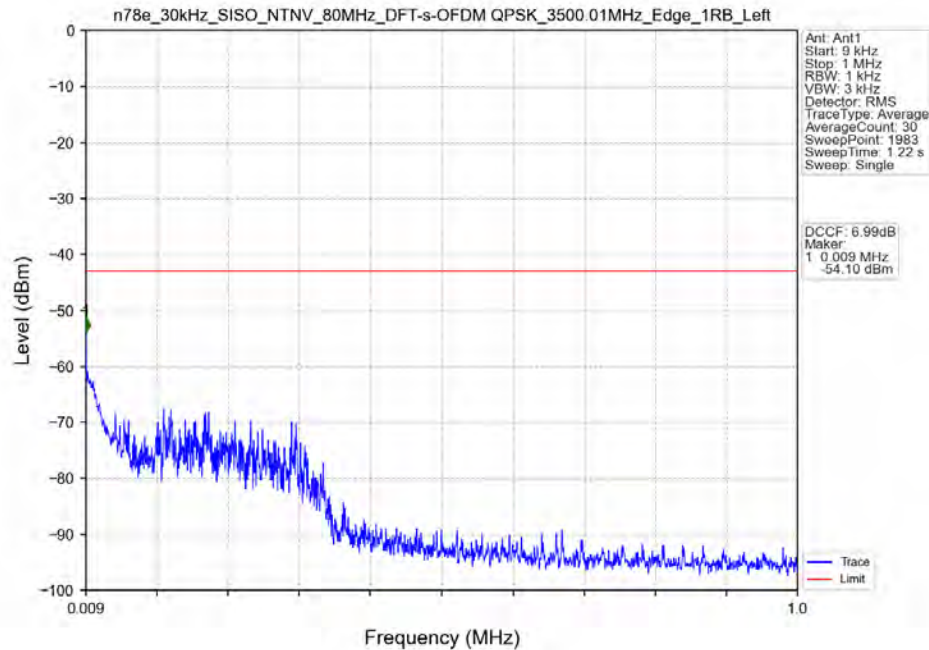


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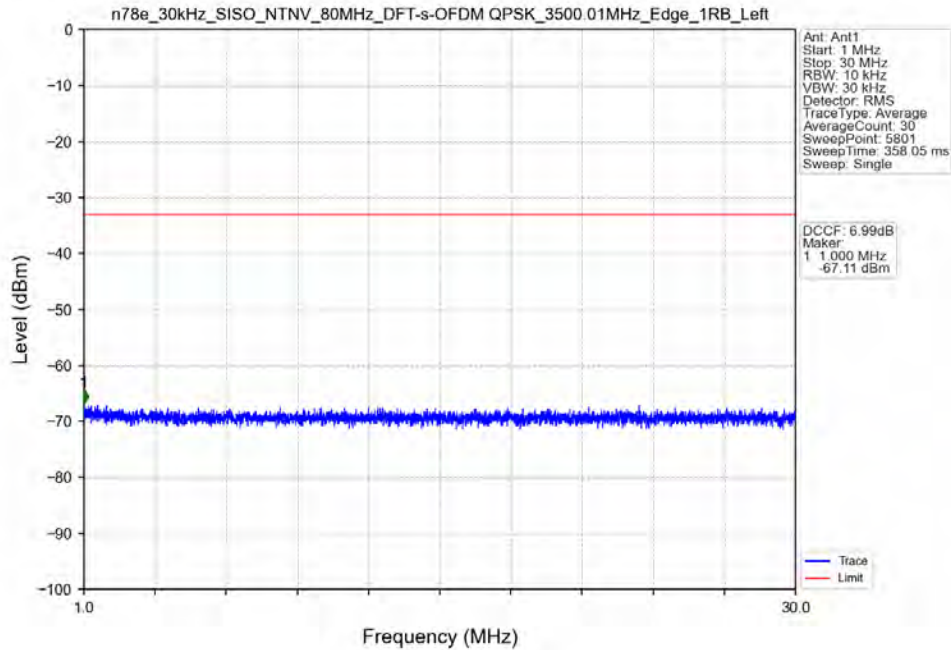
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n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



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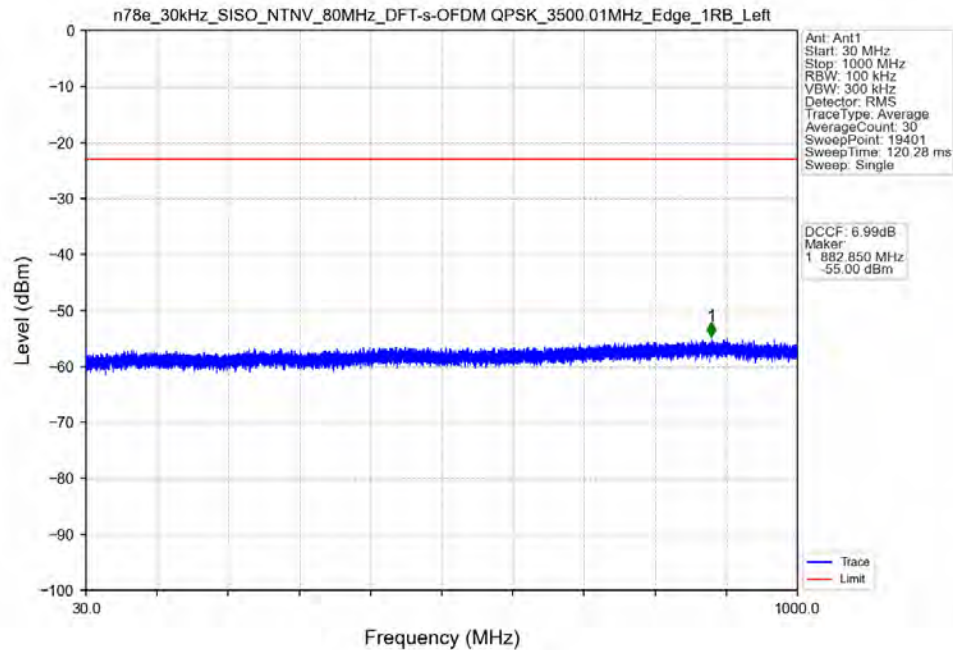


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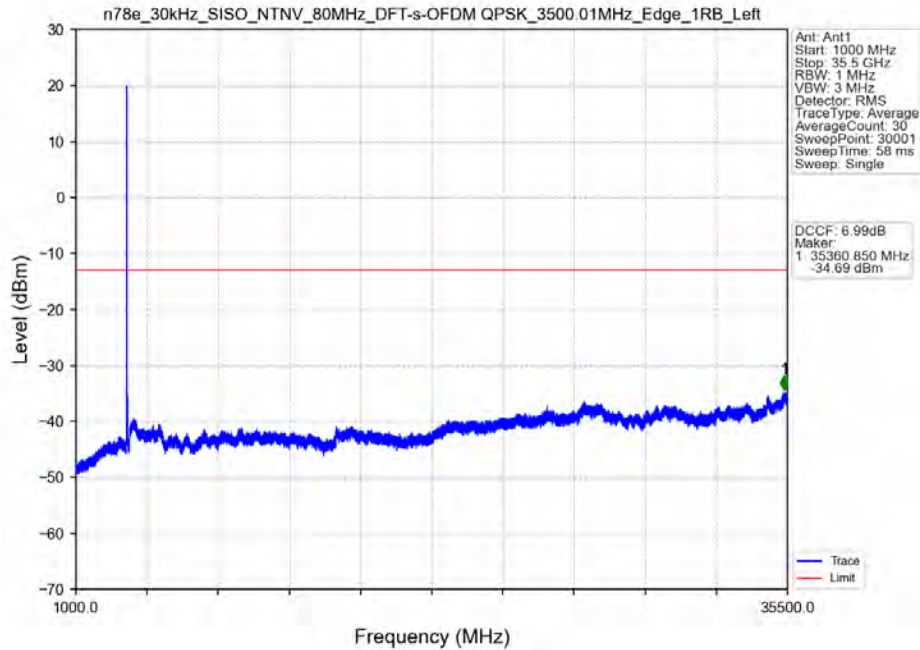
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n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3510MHz_Edge_1RB_Right



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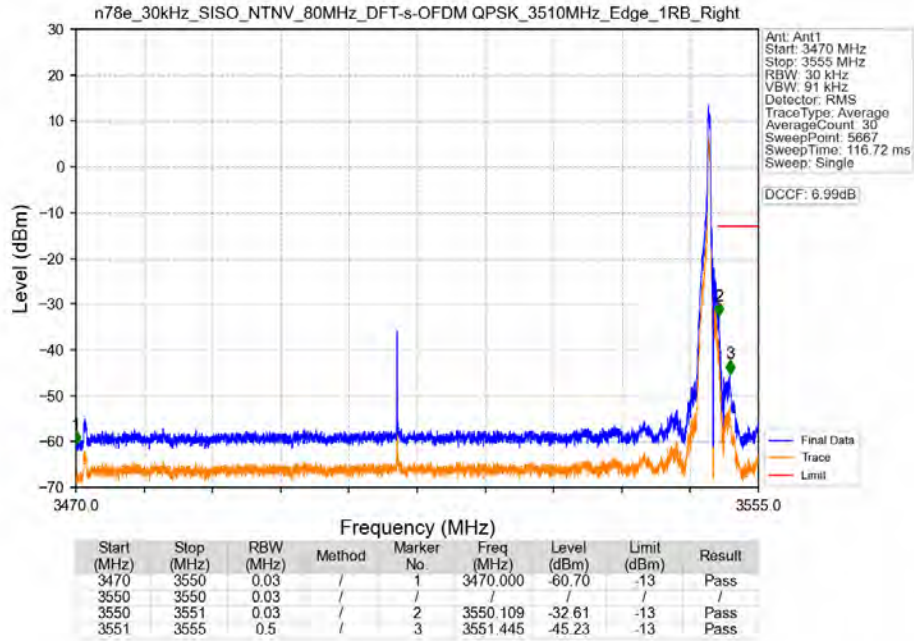


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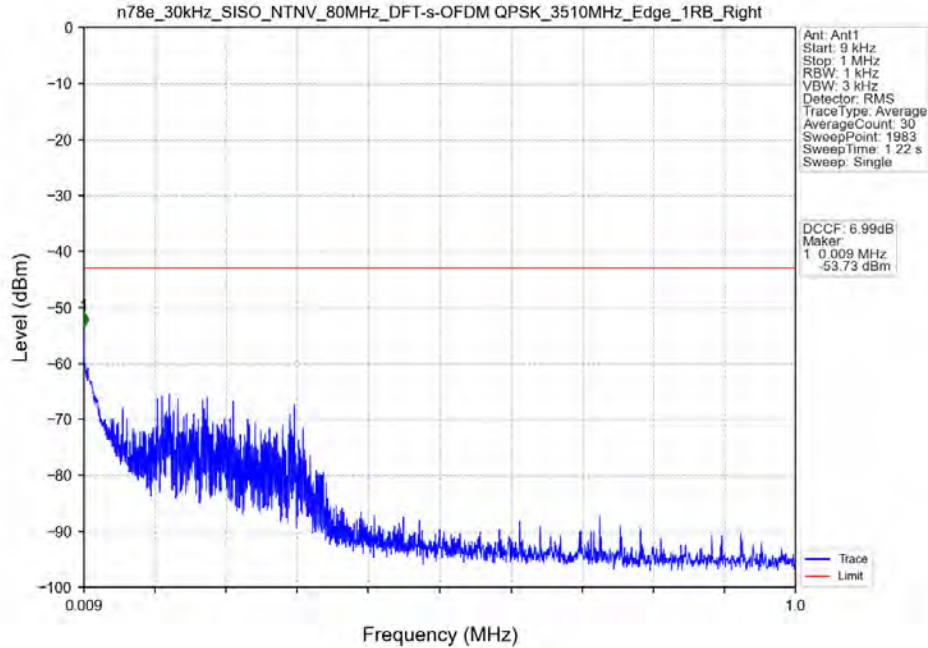
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n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3510MHz_Edge_1RB_Right



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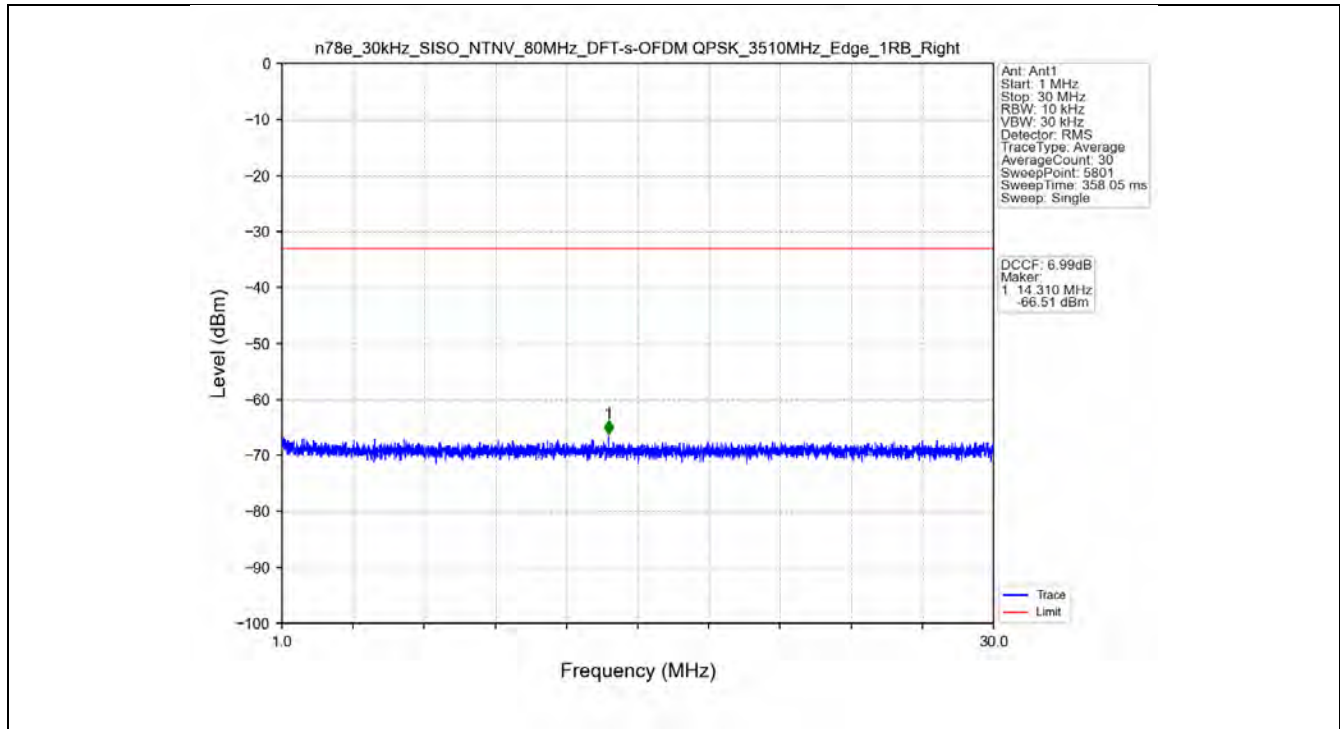


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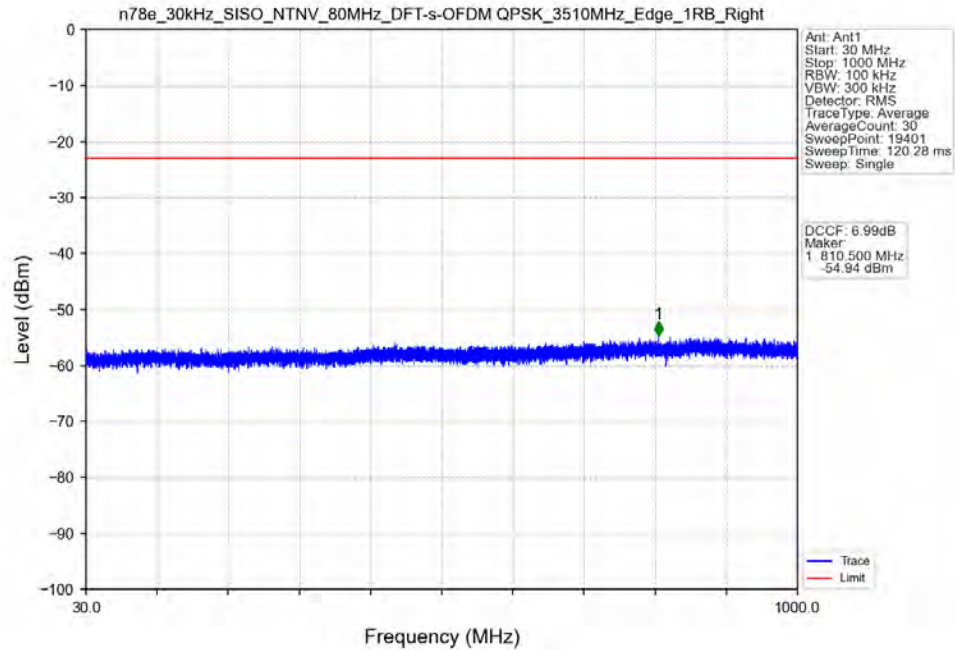
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n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3510MHz_Edge_1RB_Right



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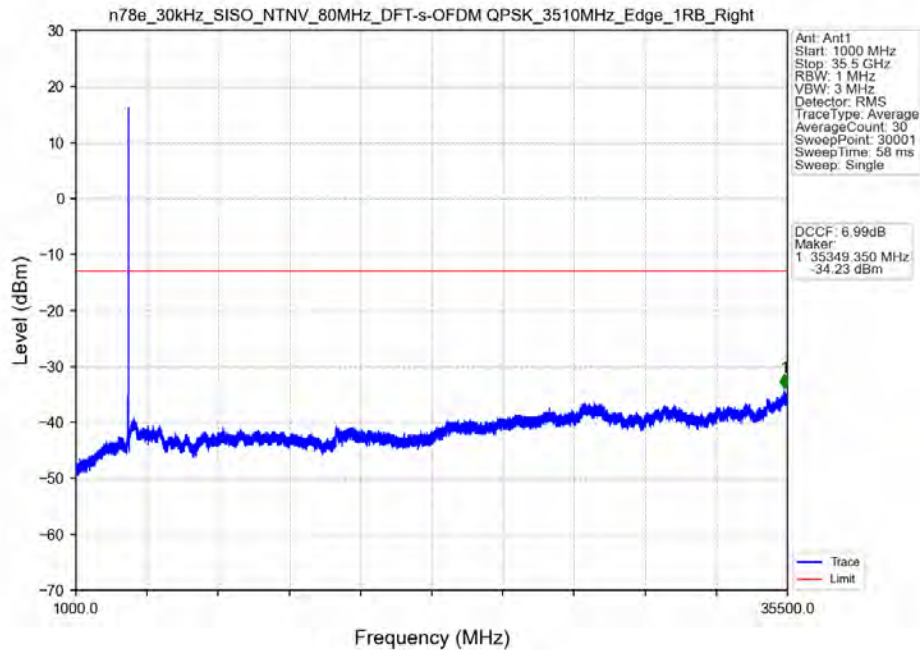


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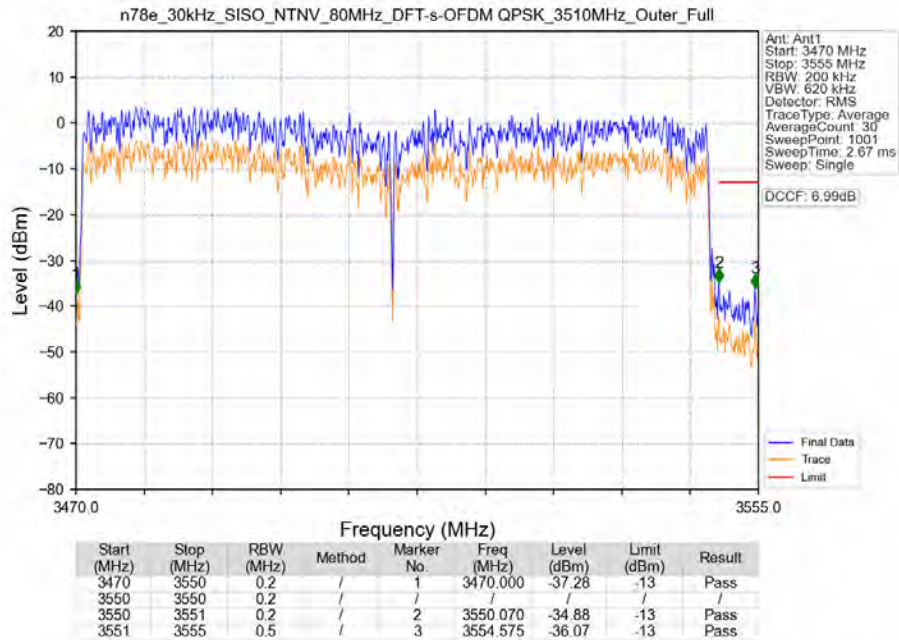
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n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3510MHz_Inner_1RB_Right



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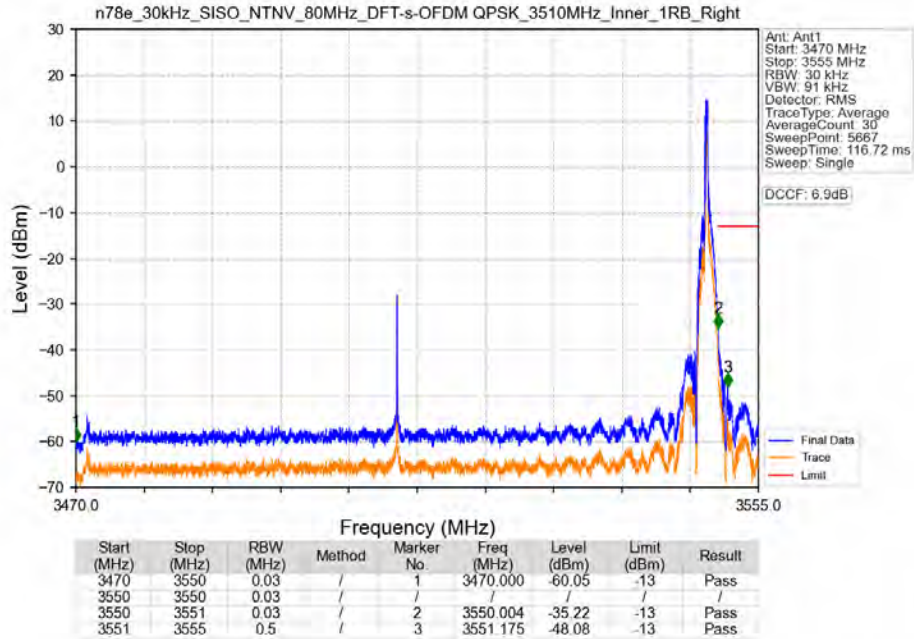


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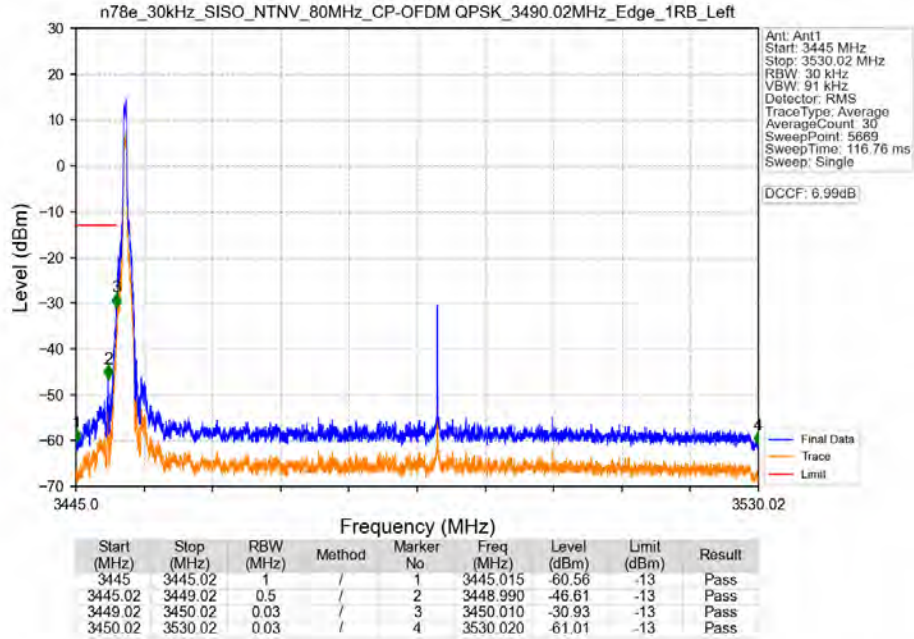
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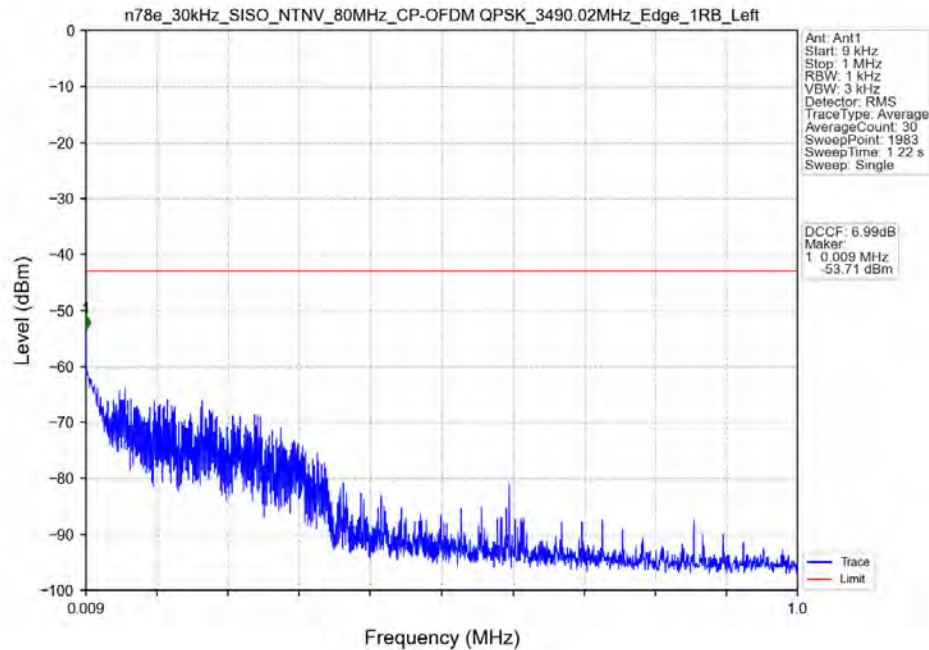


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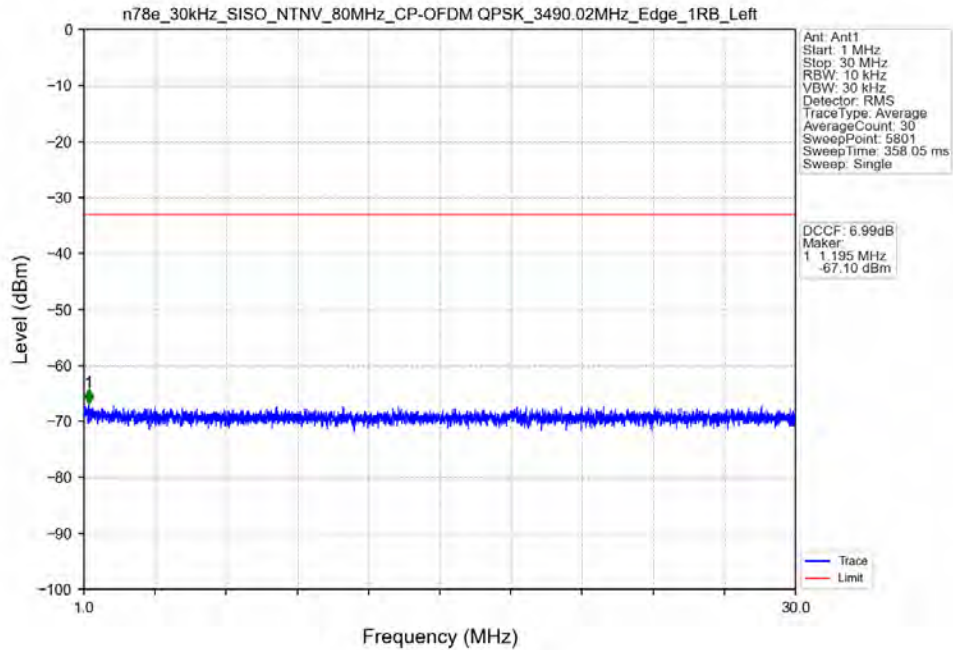
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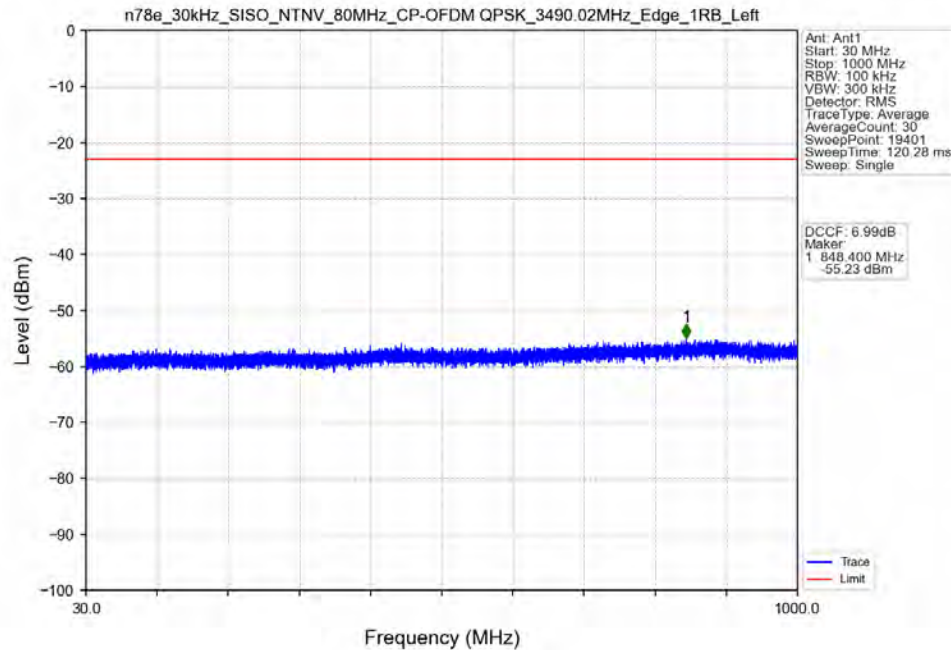


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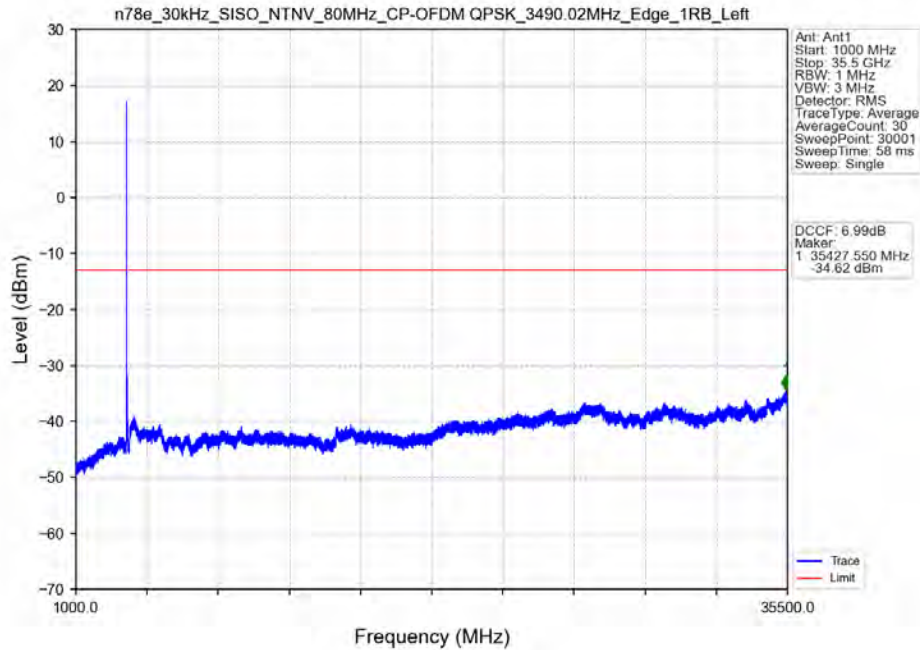
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n78e_30kHz_SISO_NTNV_80MHz_CP-OFDM QPSK_3490.02MHz_Outer_Full



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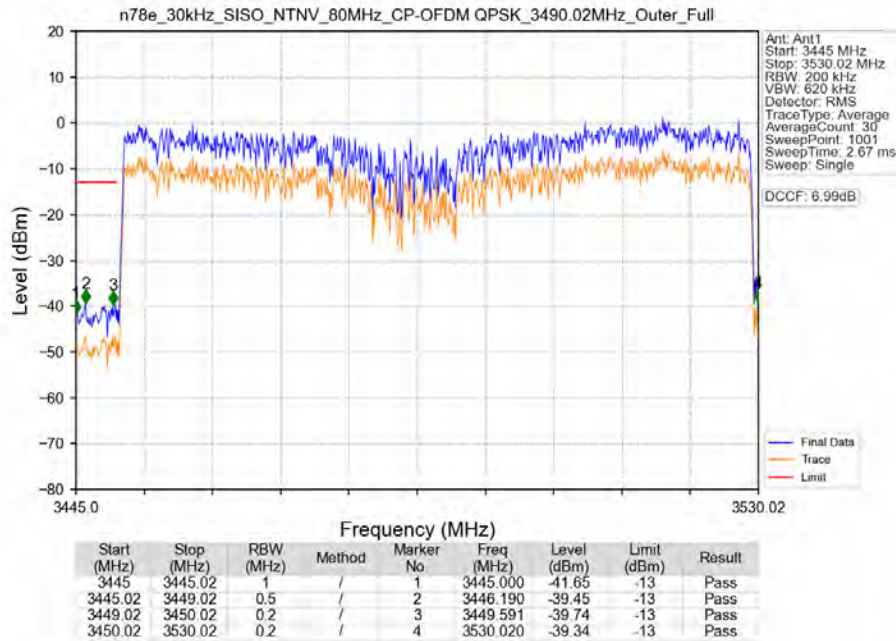


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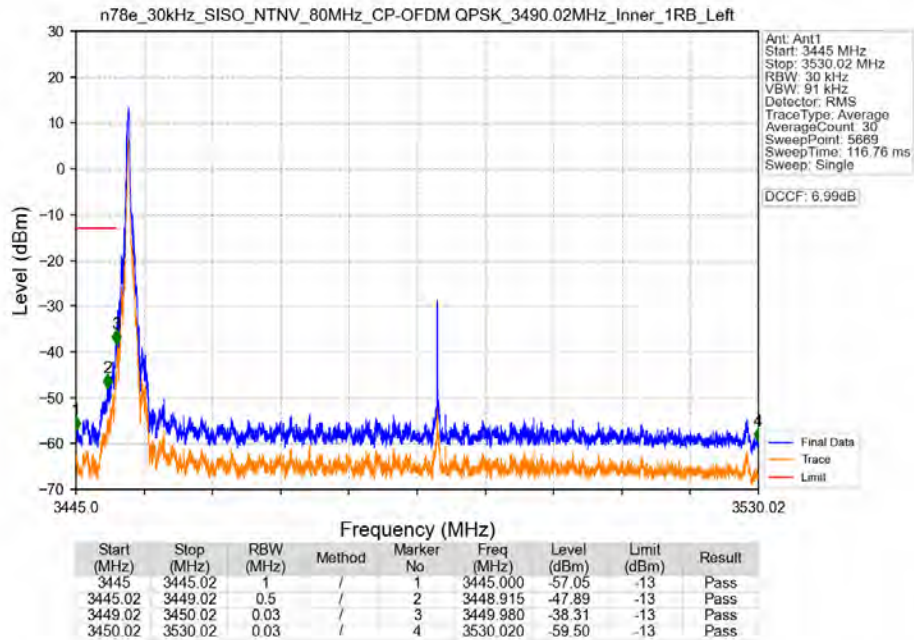
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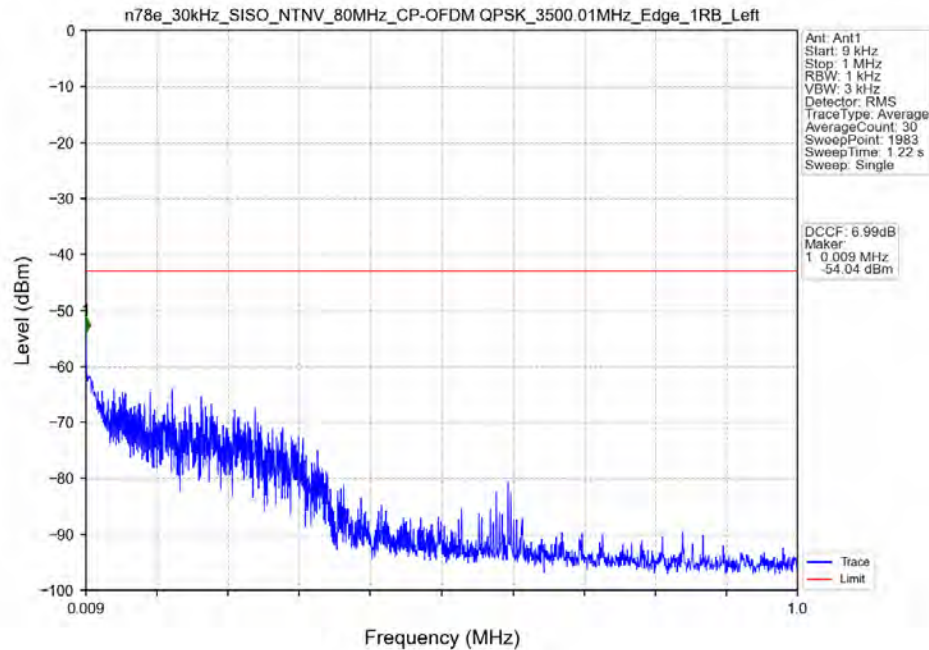


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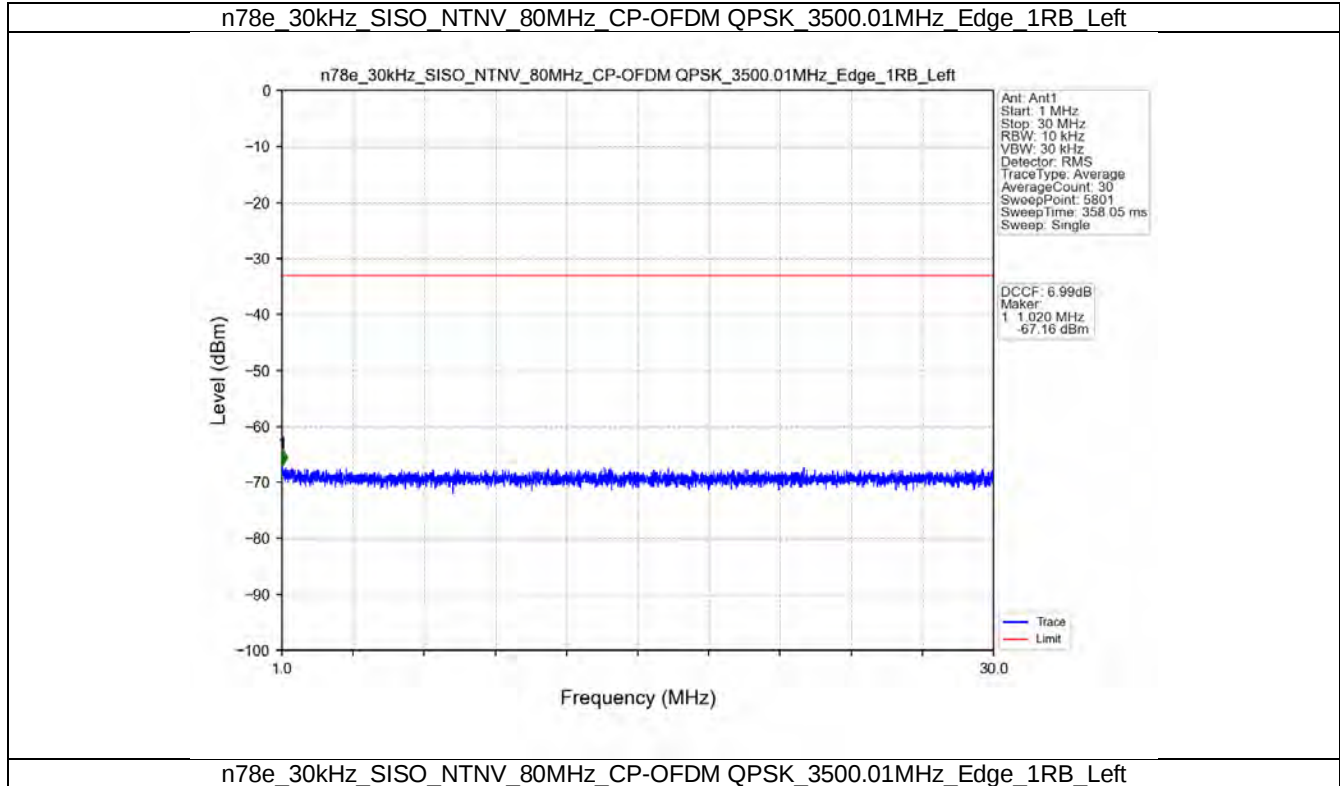


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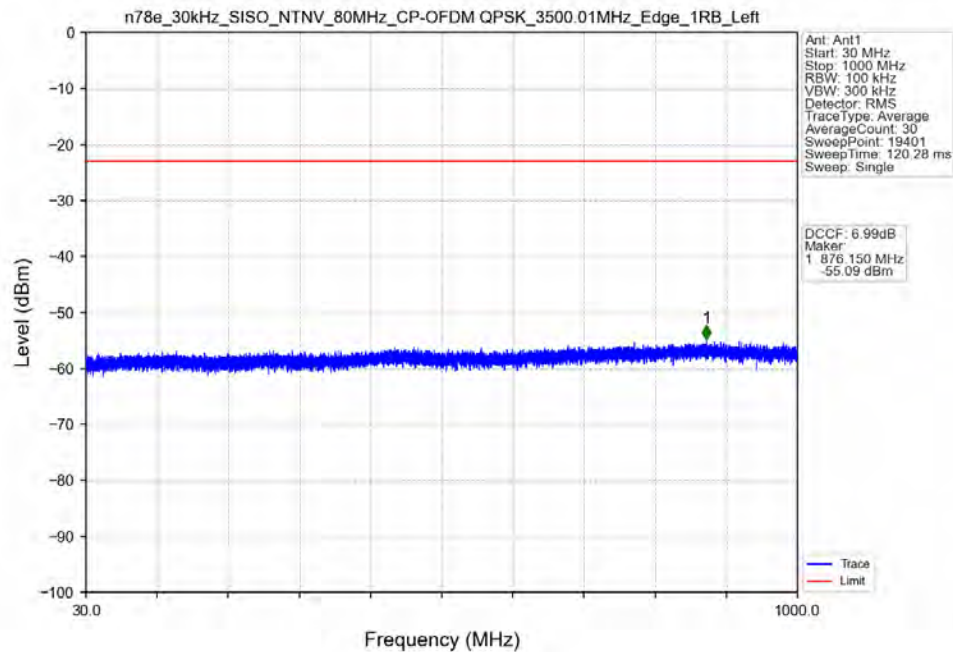


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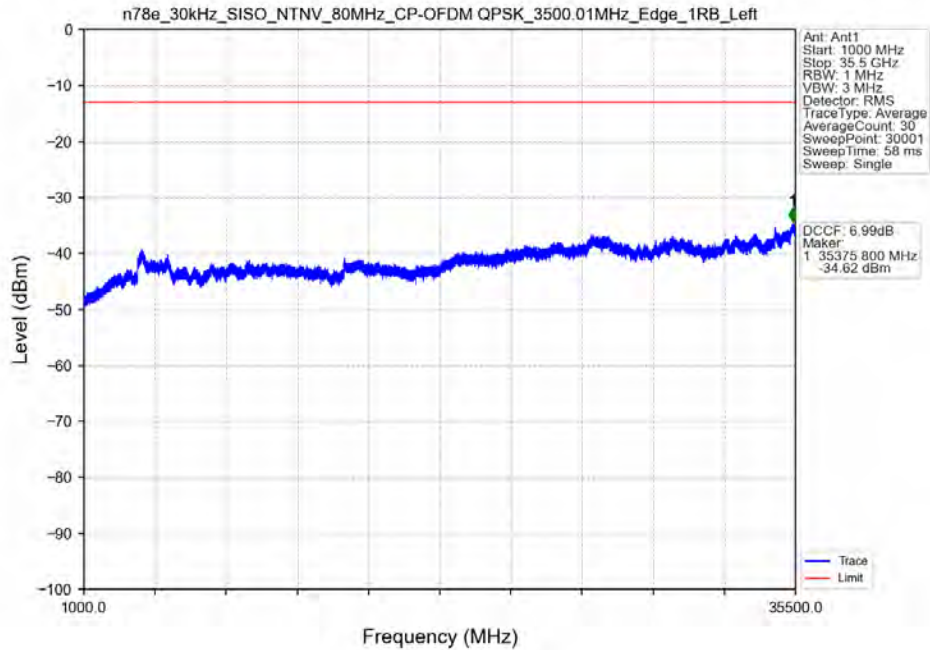
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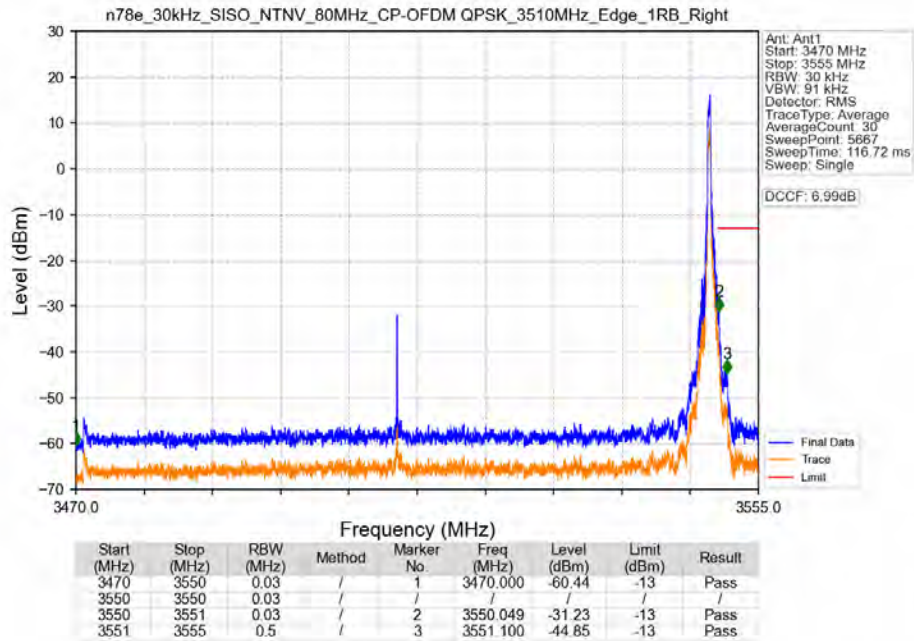


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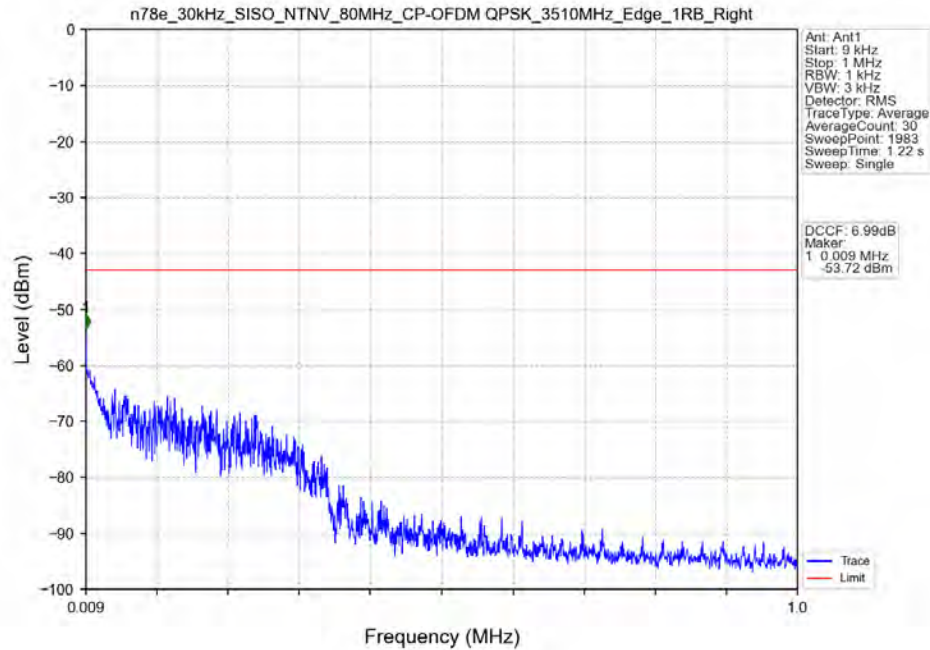
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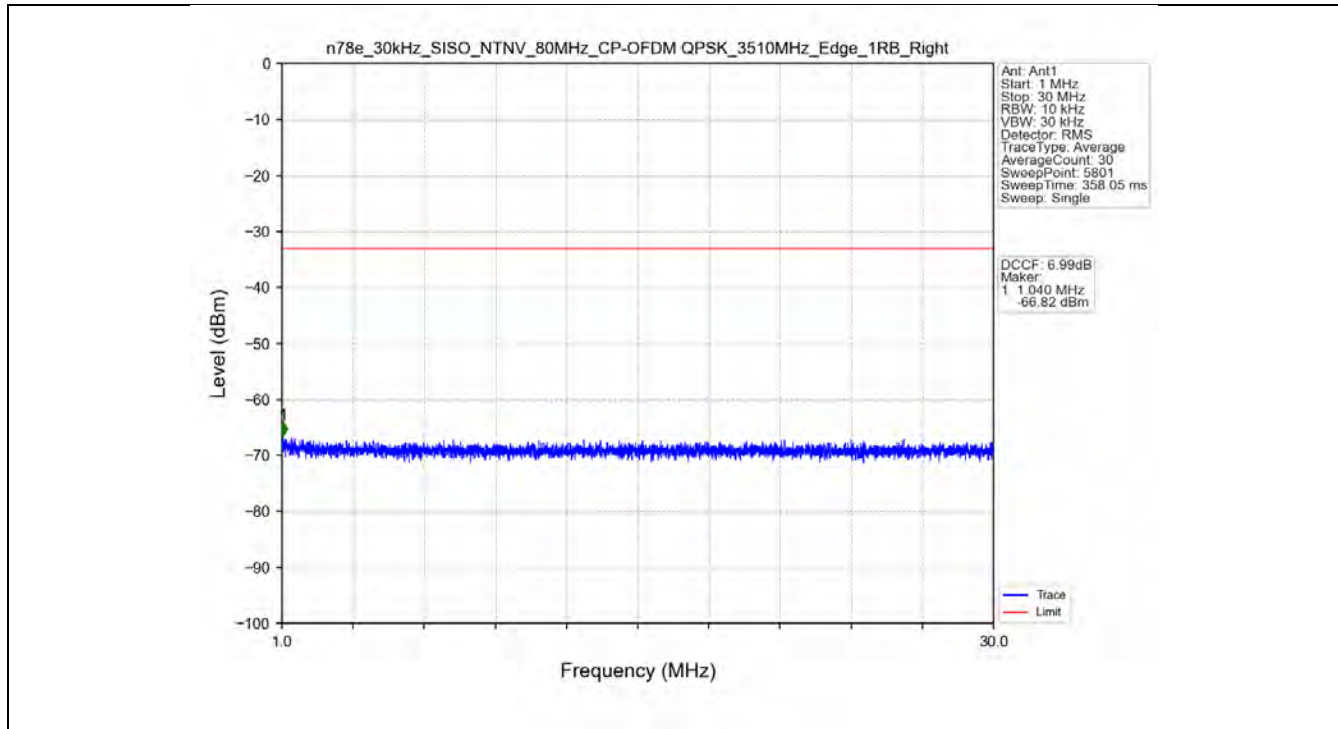


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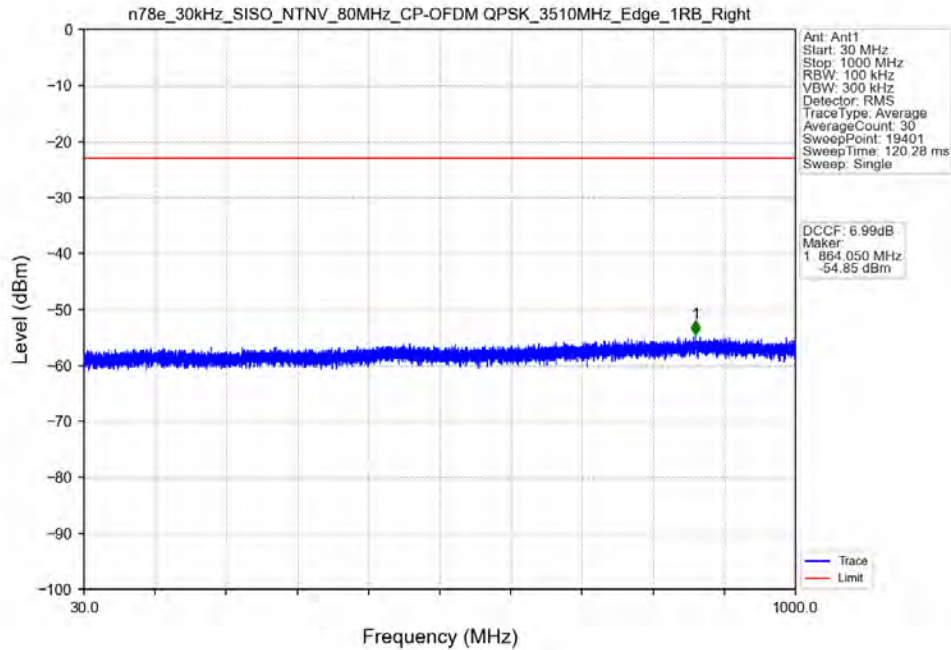
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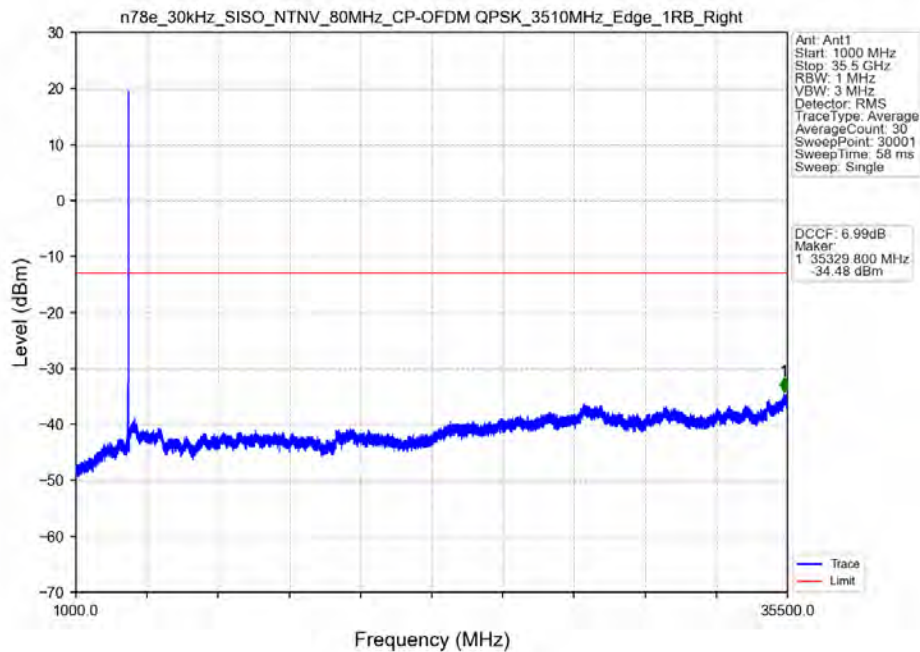


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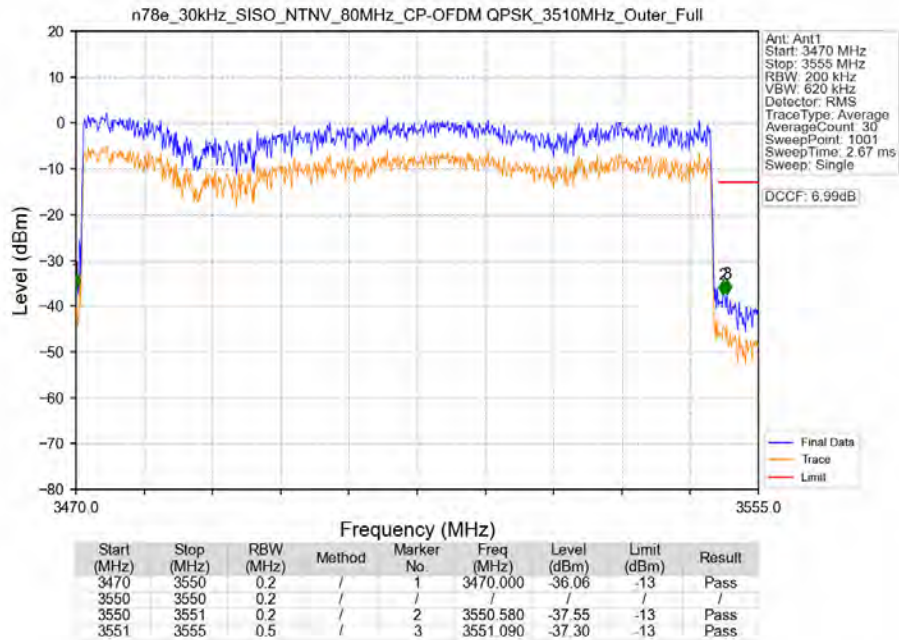
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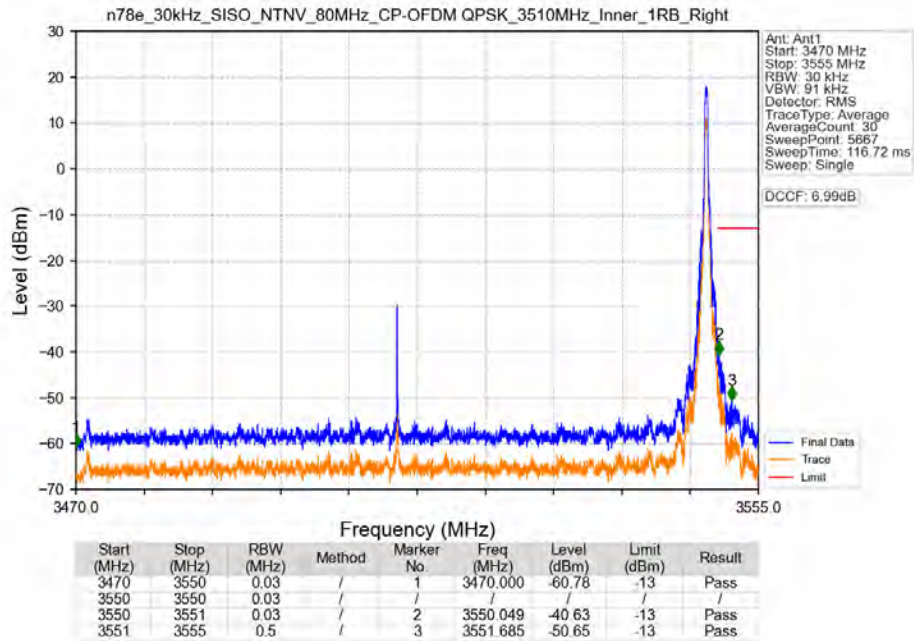


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5.8 30k_SISO_90MHz_NTNV

5.8.1 Test Result

5G NR n78e SCS=30kHz SISO 90MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant1	Ant4	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	3495	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass	
		3504.99	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3495		Inner_1RB_Right	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
	3500.01	Inner_1RB_Left	Refer To Test Graph				Pass	
		3504.99	Edge_1RB_Left	Refer To Test Graph				Pass
			Edge_1RB_Right	Refer To Test Graph				Pass
CP-OFDM QPSK	3495		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass	
		Edge_1RB_Left	Refer To Test Graph				Pass	
	3500.01	Outer_Full	Refer To Test Graph				Pass	
		3504.99	Edge_1RB_Left	Refer To Test Graph				Pass
			Edge_1RB_Right	Refer To Test Graph				Pass



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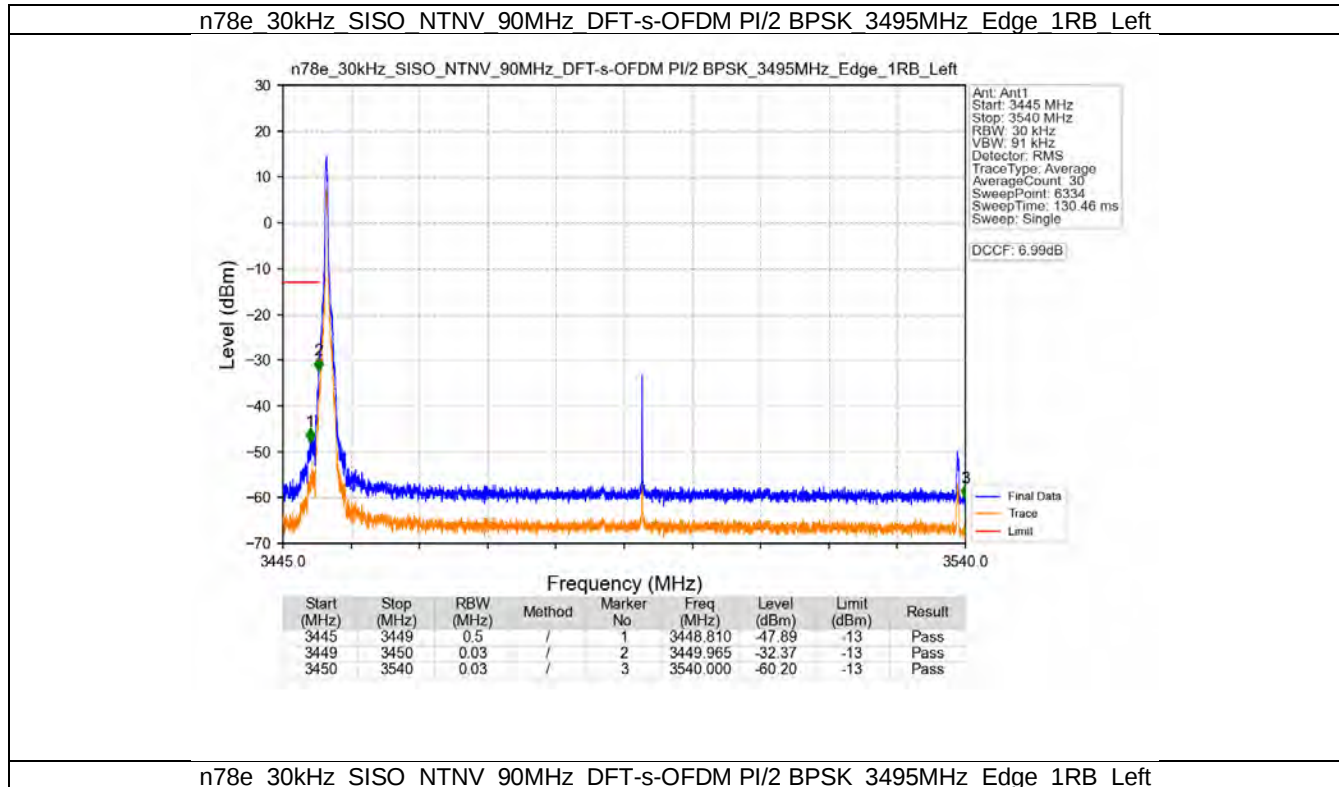
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5.8.2 Test Graph



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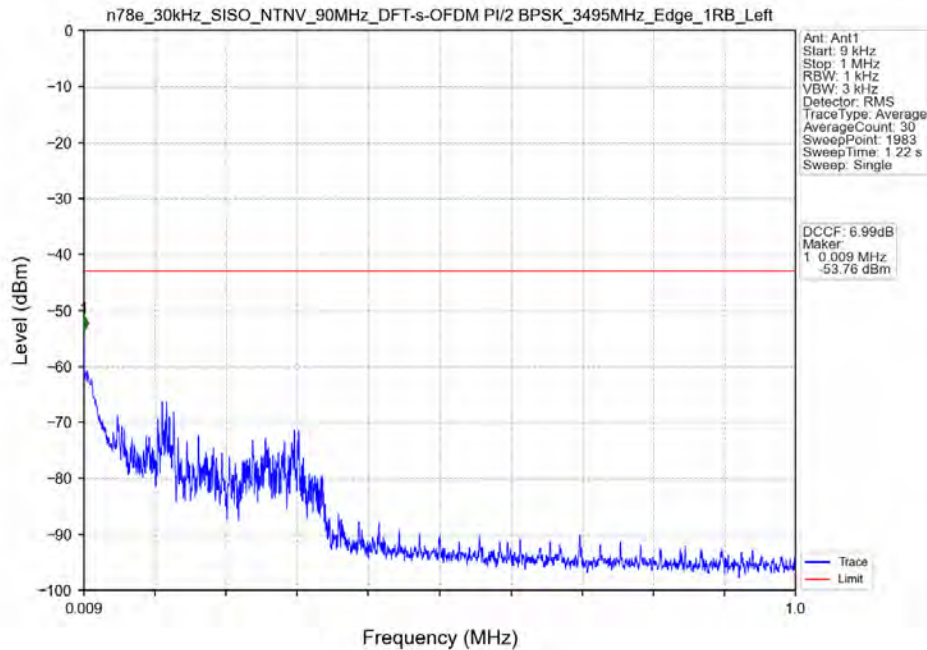


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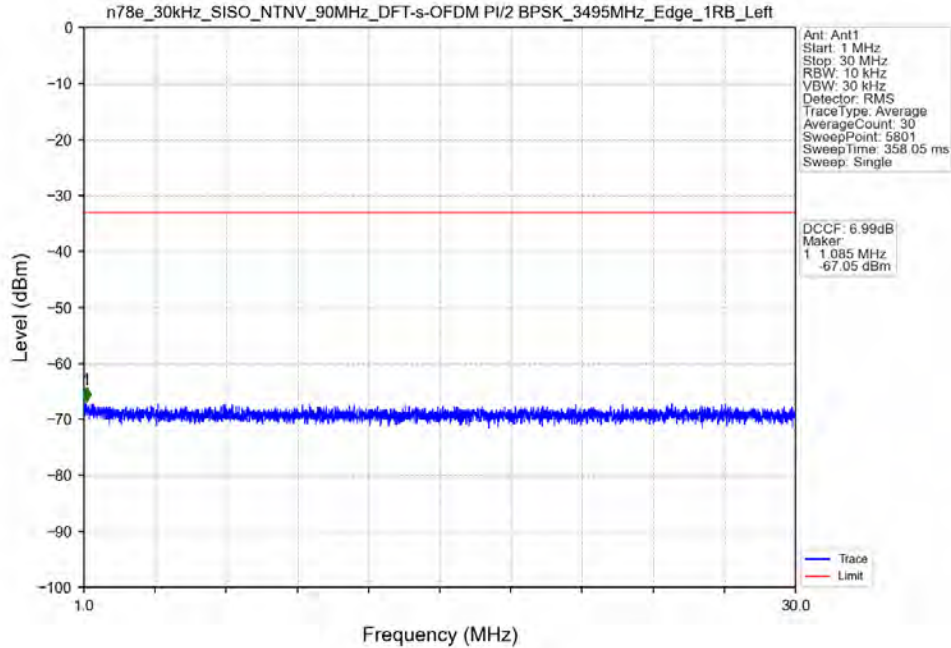
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n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3495MHz_Edge_1RB_Left



n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3495MHz_Edge_1RB_Left



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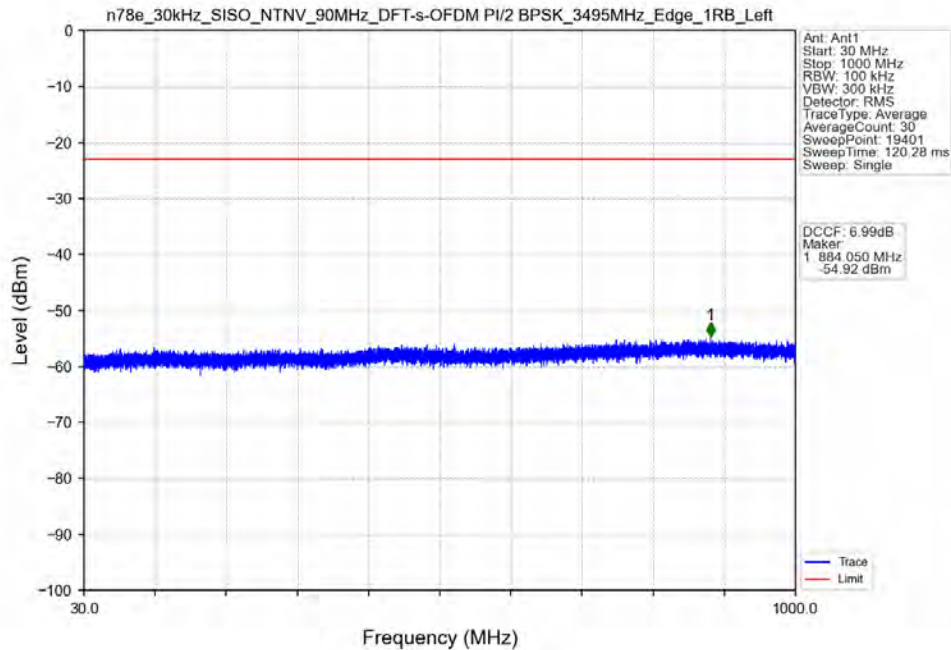


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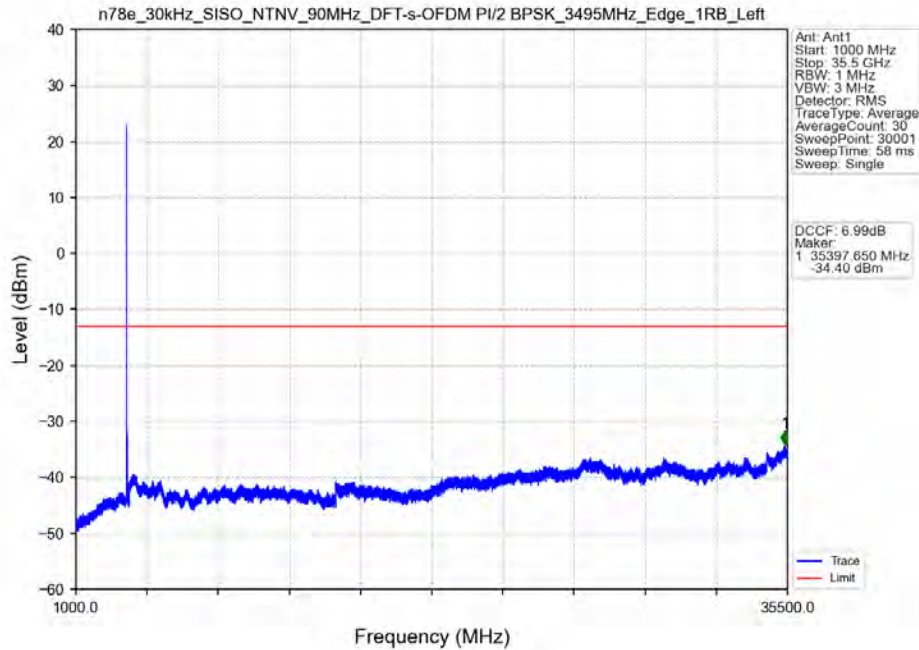
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n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3495MHz_Edge_1RB_Left



n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3495MHz_Outer_Full



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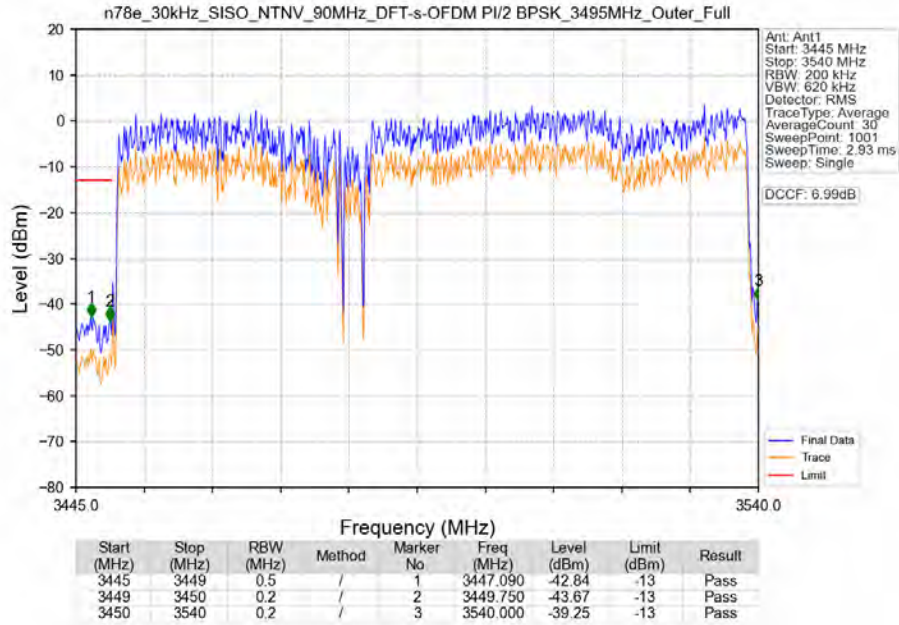


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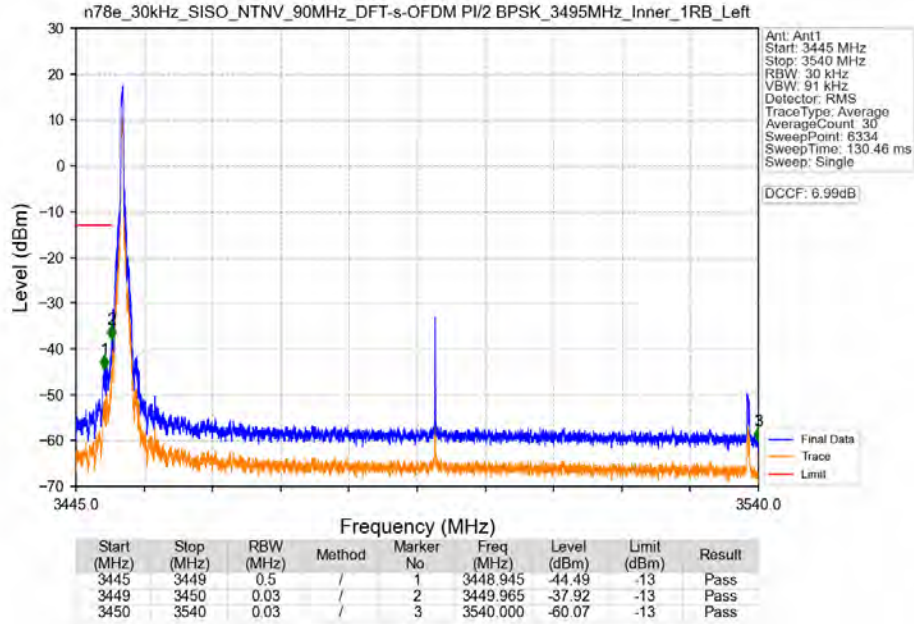
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n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Edge_1RB_Left



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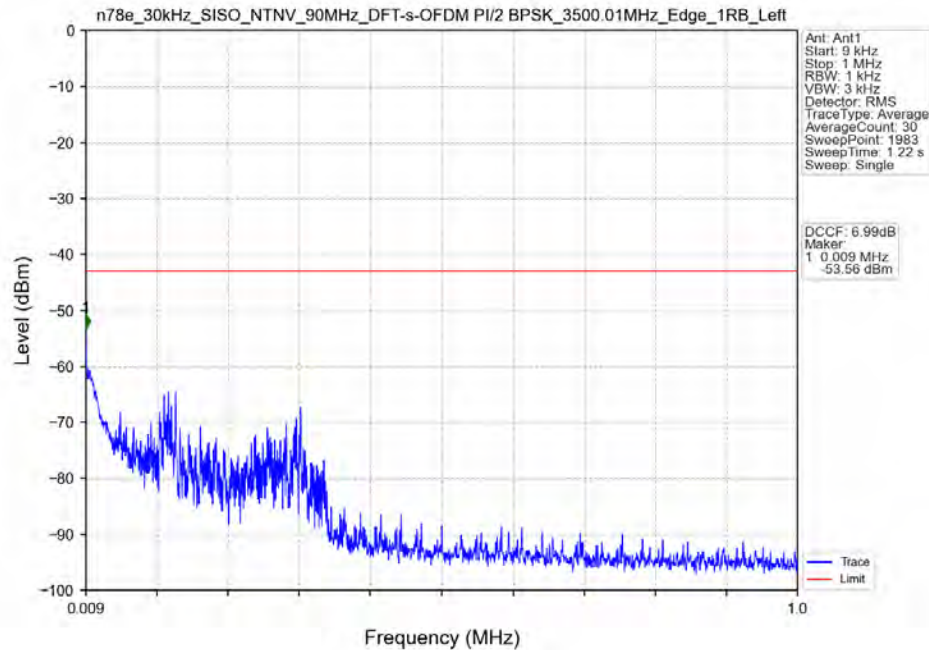


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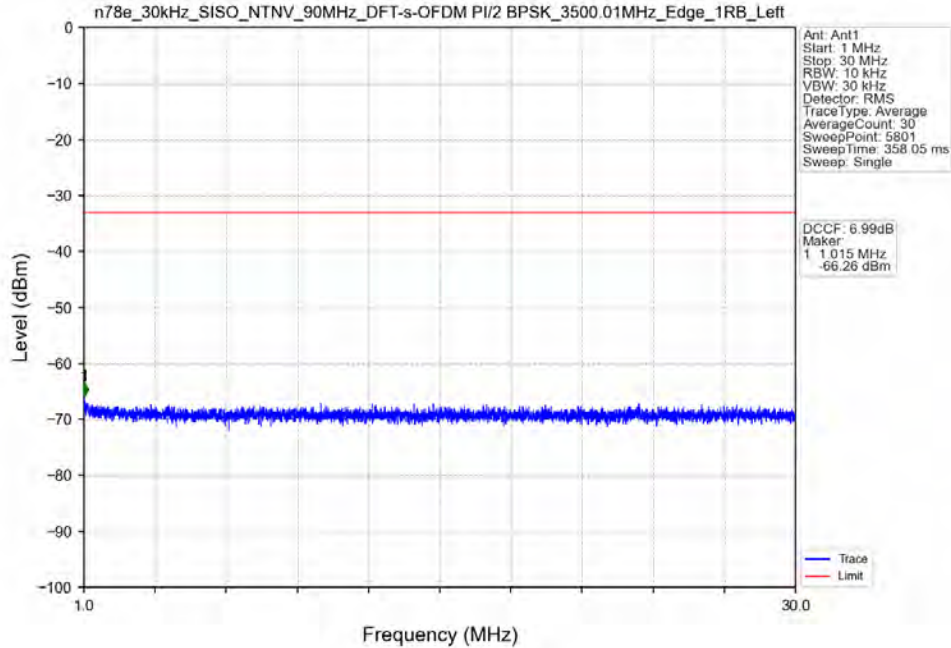
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n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Edge_1RB_Left



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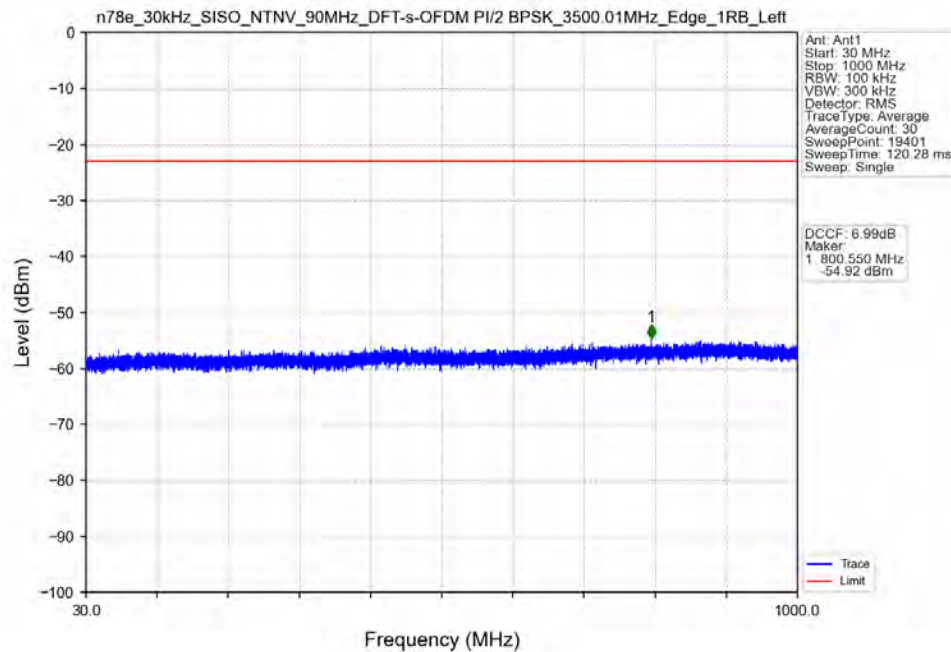


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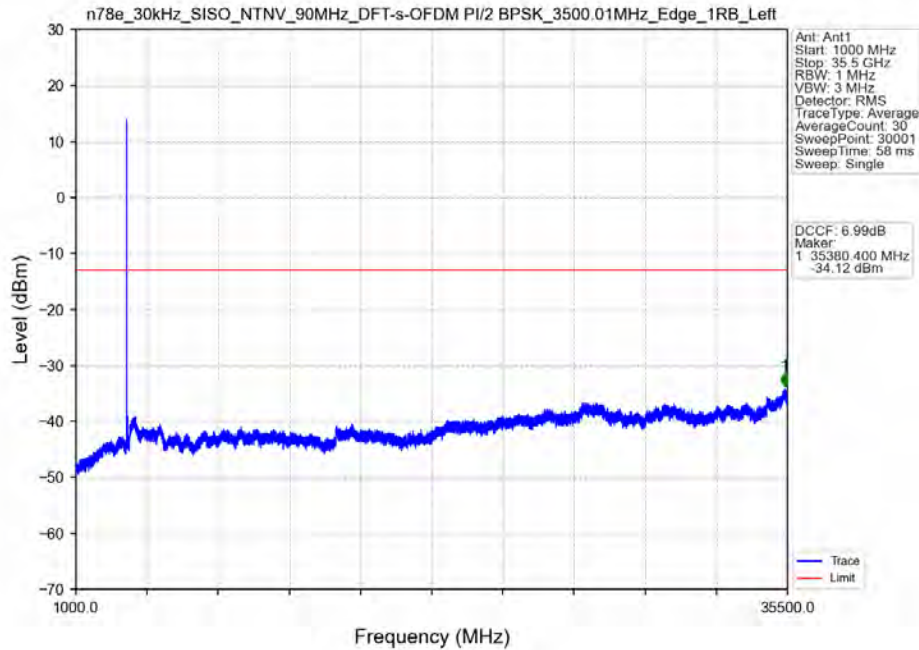
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n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3504.99MHz_Edge_1RB_Right



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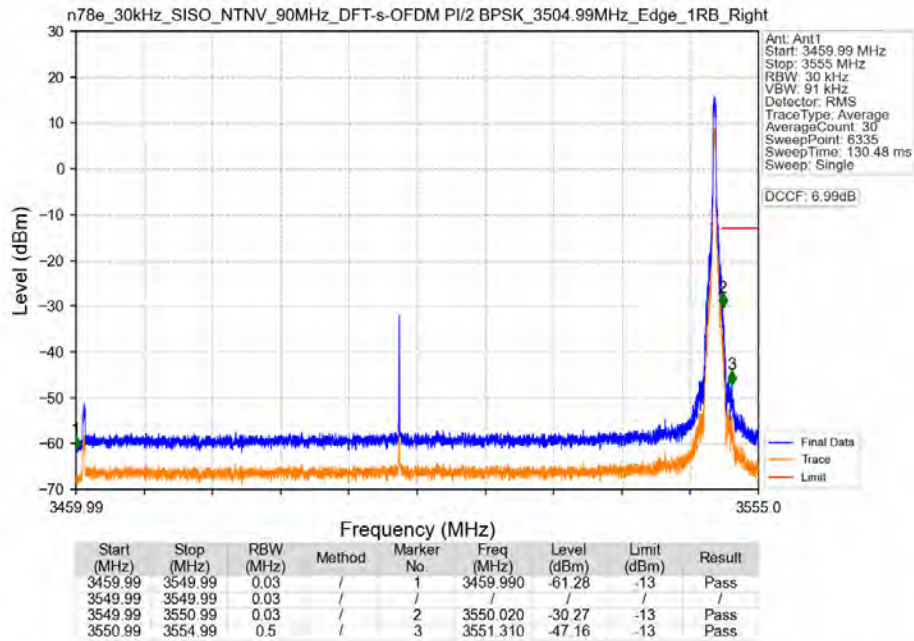


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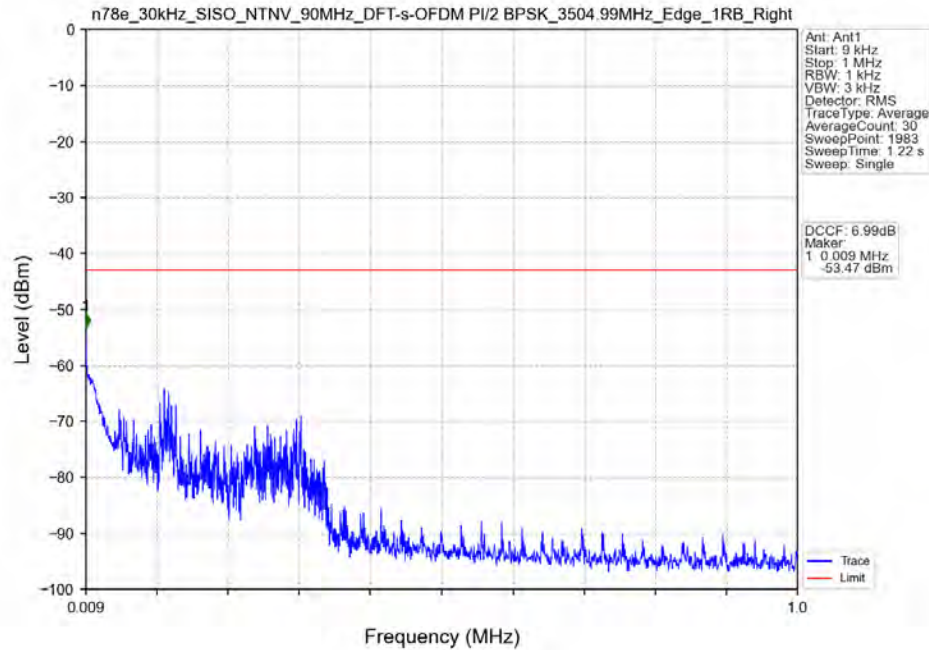
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n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3504.99MHz_Edge_1RB_Right



n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3504.99MHz_Edge_1RB_Right



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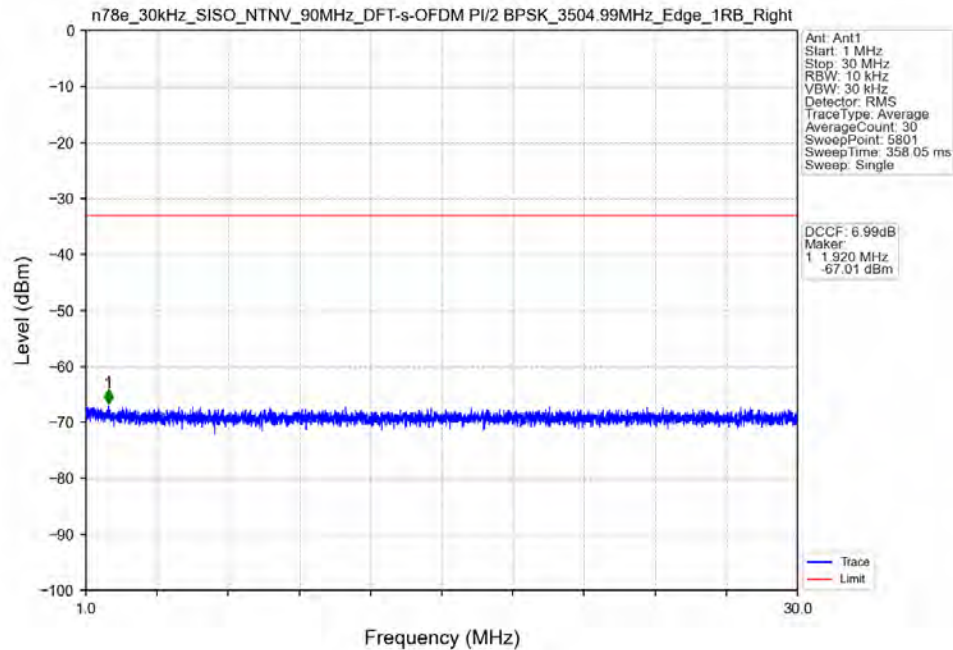


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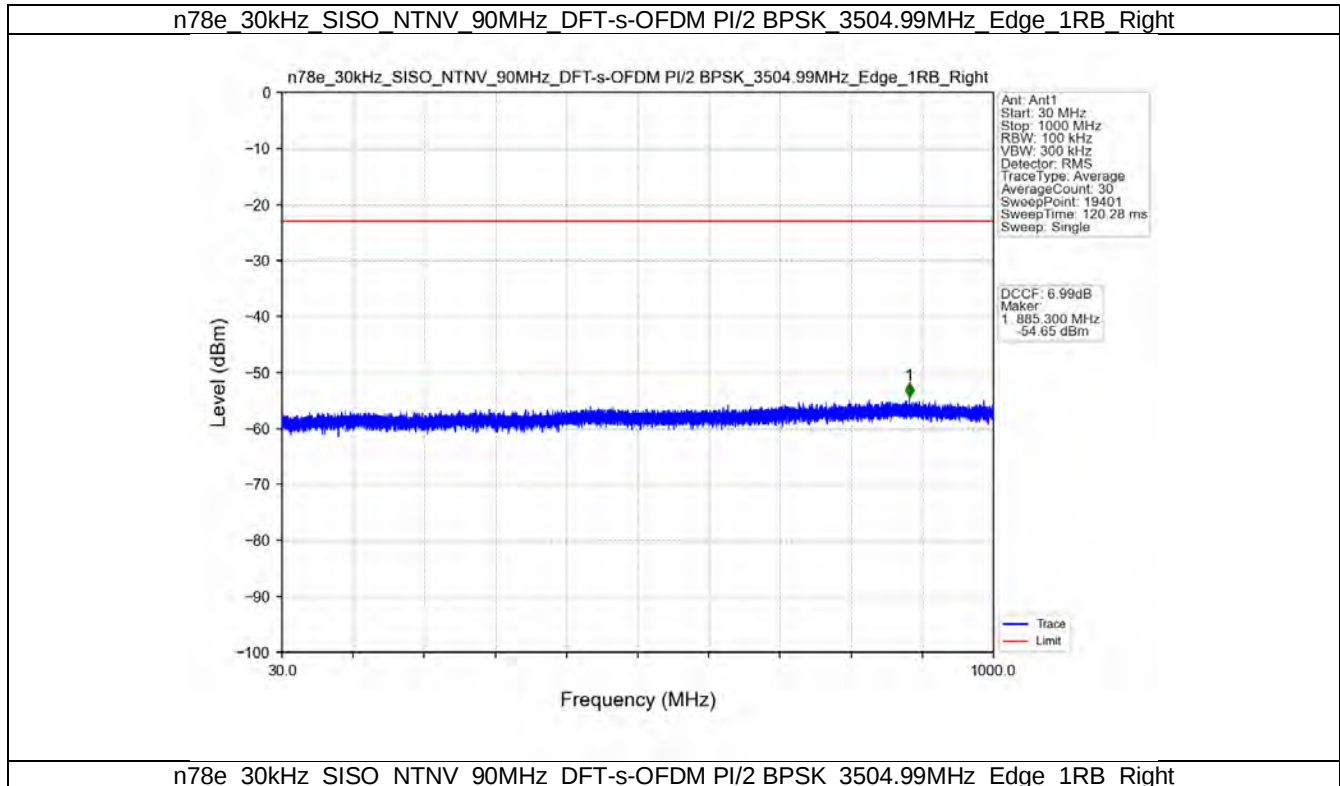


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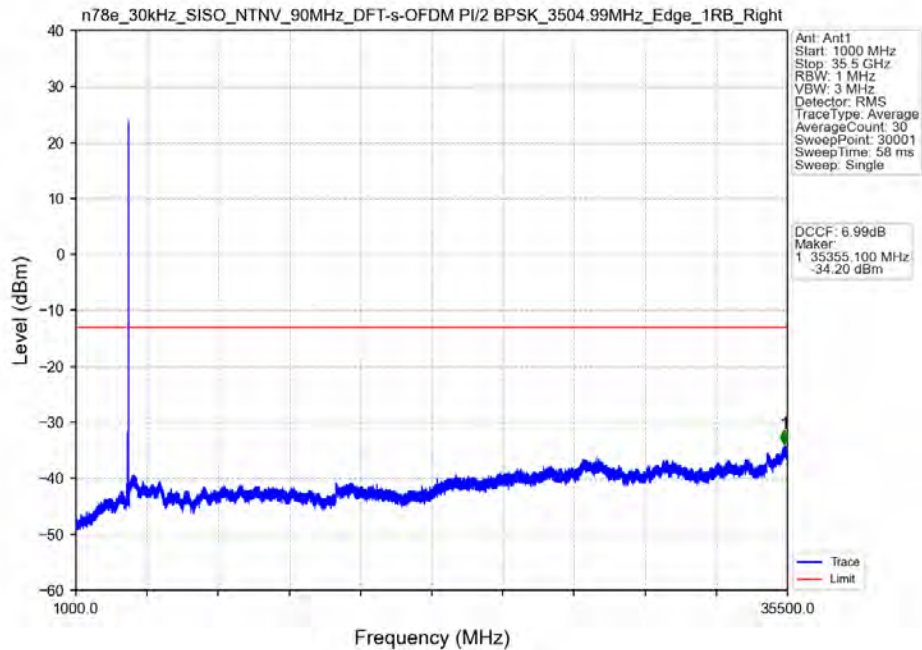


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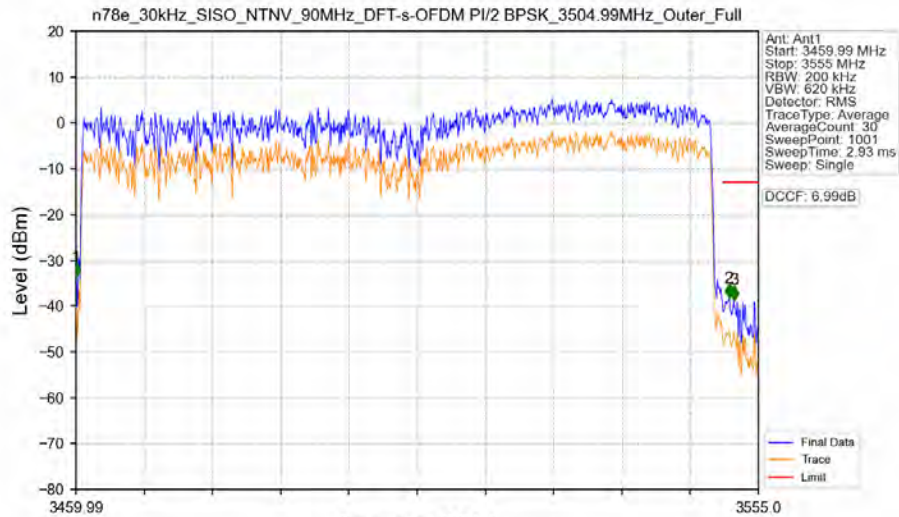
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n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3504.99MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3459.99	3549.99	0.2	/	1	3459.990	-33.65	-13	Pass
3549.99	3549.99	0.2	/	/	/	/	/	/
3549.99	3550.99	0.2	/	2	3550.915	-38.20	-13	Pass
3550.99	3554.99	0.5	/	3	3551.580	-38.64	-13	Pass

n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3504.99MHz_Inner_1RB_Right



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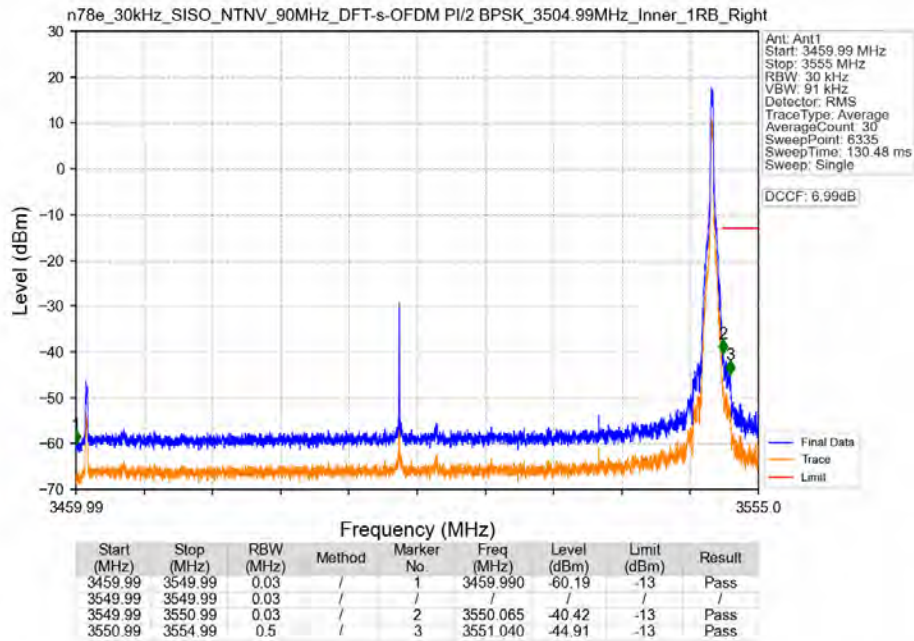


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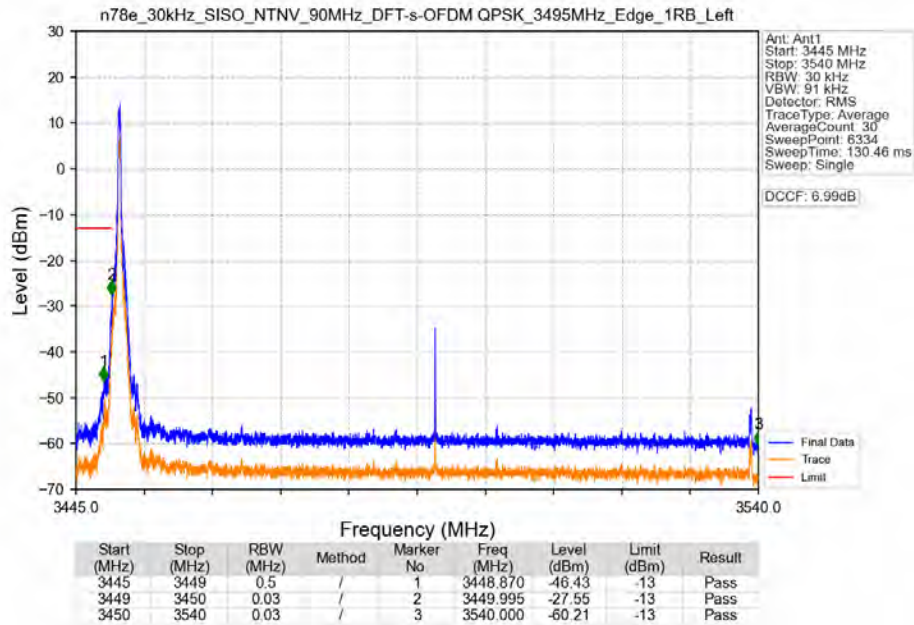
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n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_QPSK_3495MHz_Edge_1RB_Left



n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_QPSK_3495MHz_Edge_1RB_Left



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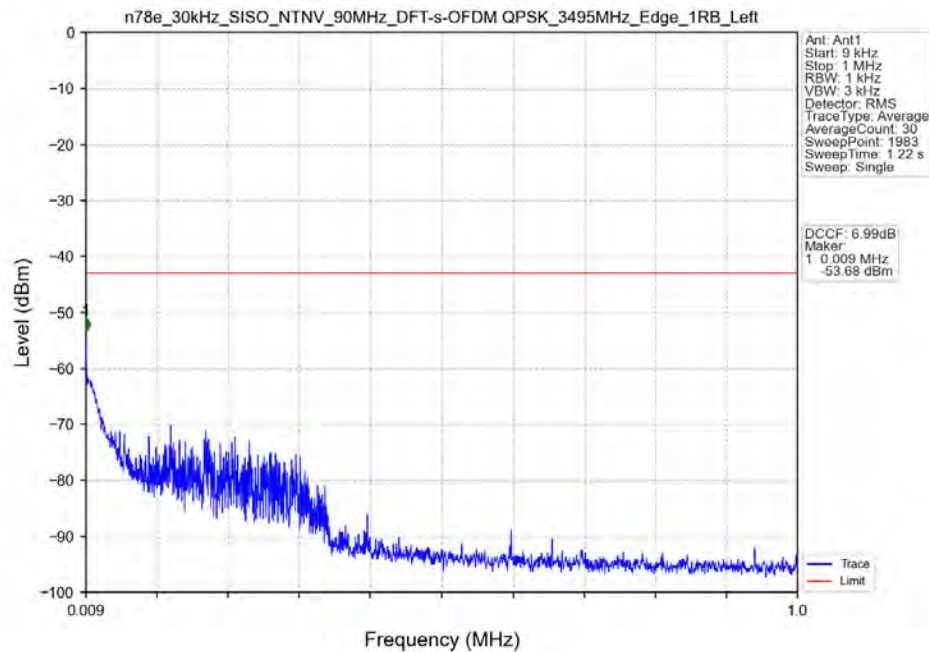


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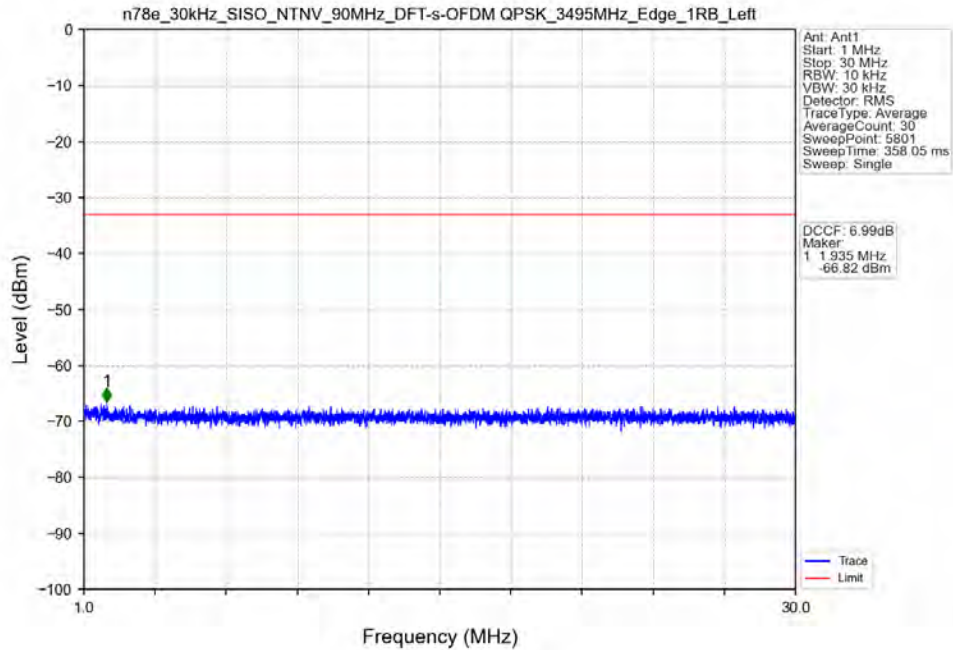
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n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM QPSK_3495MHz_Edge_1RB_Left



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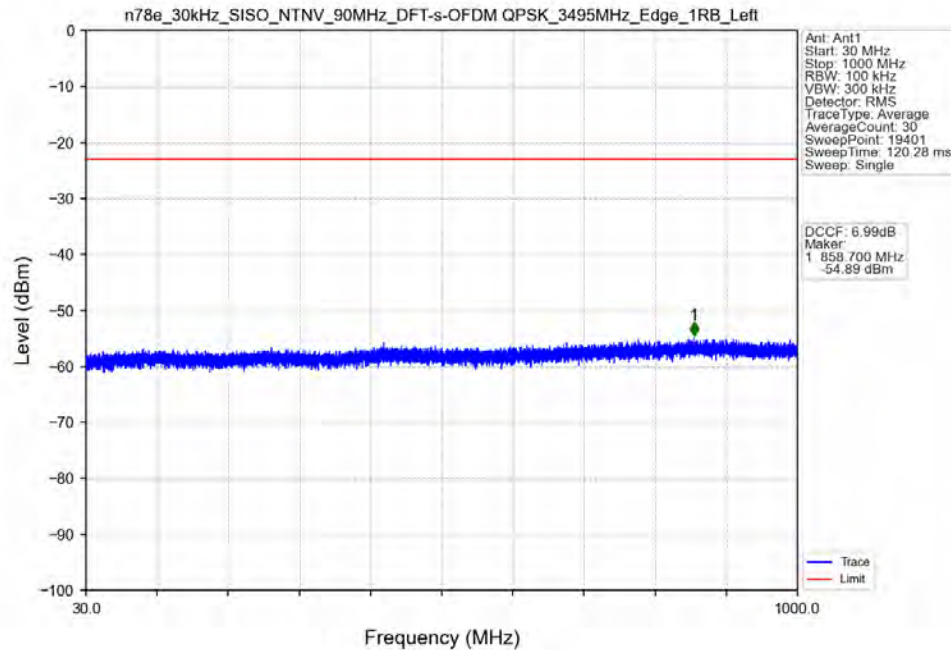


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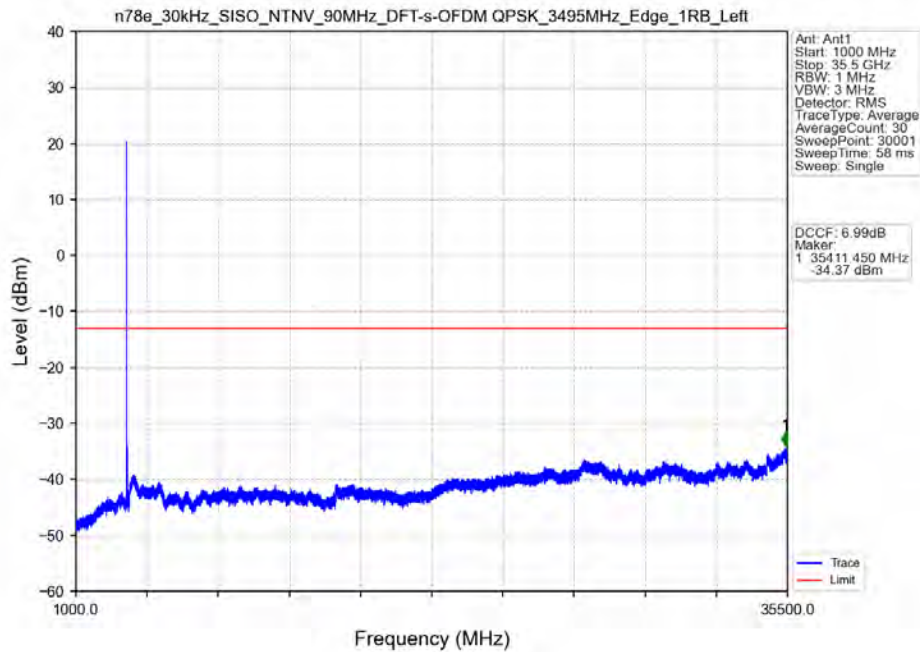
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n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM QPSK_3495MHz_Outer_Full



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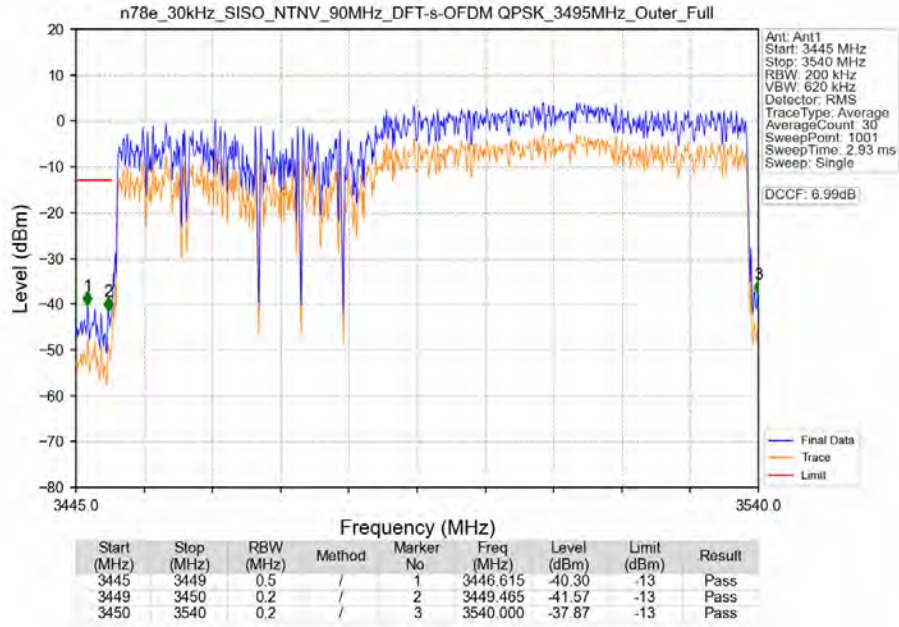


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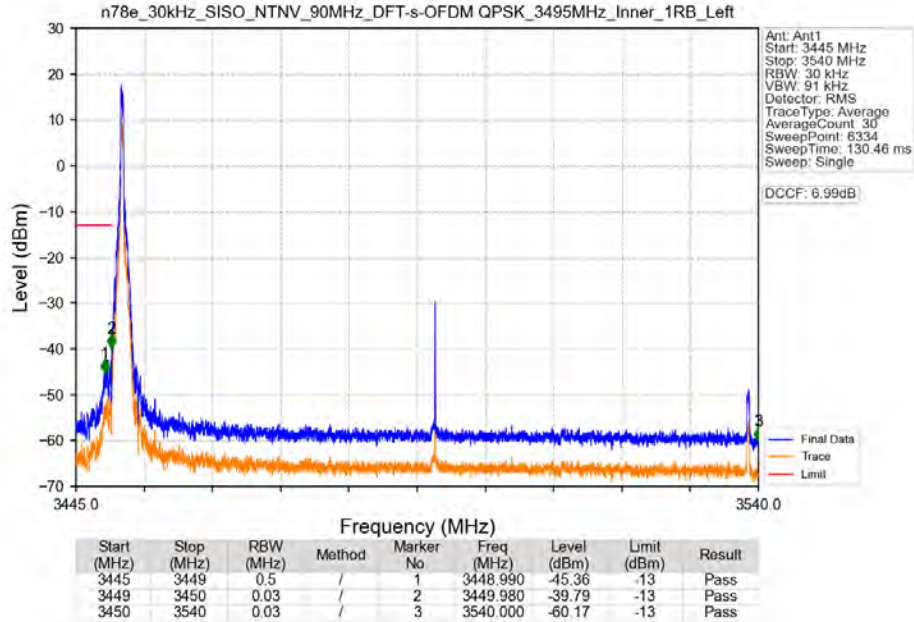
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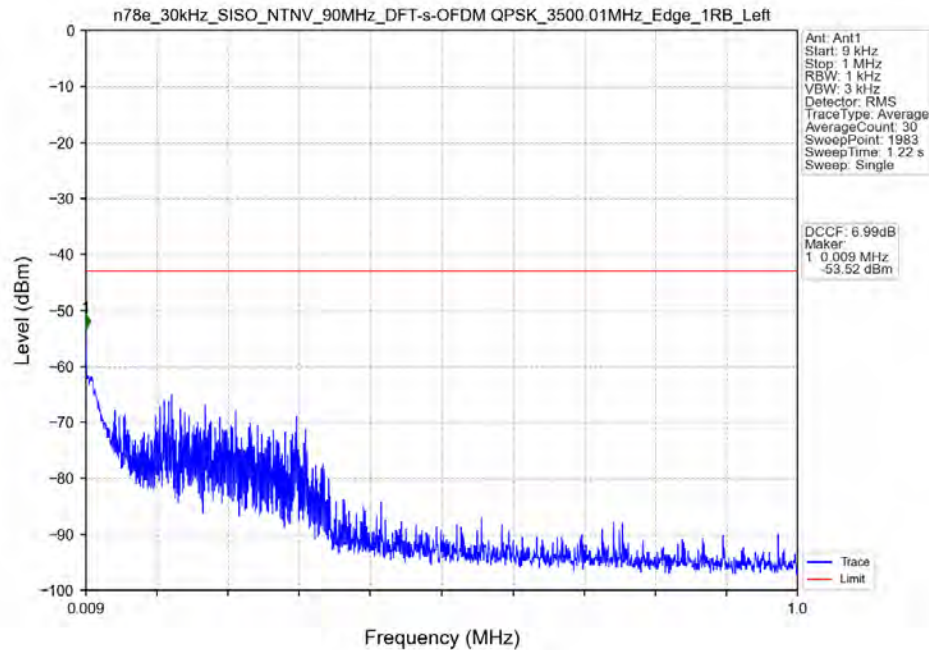


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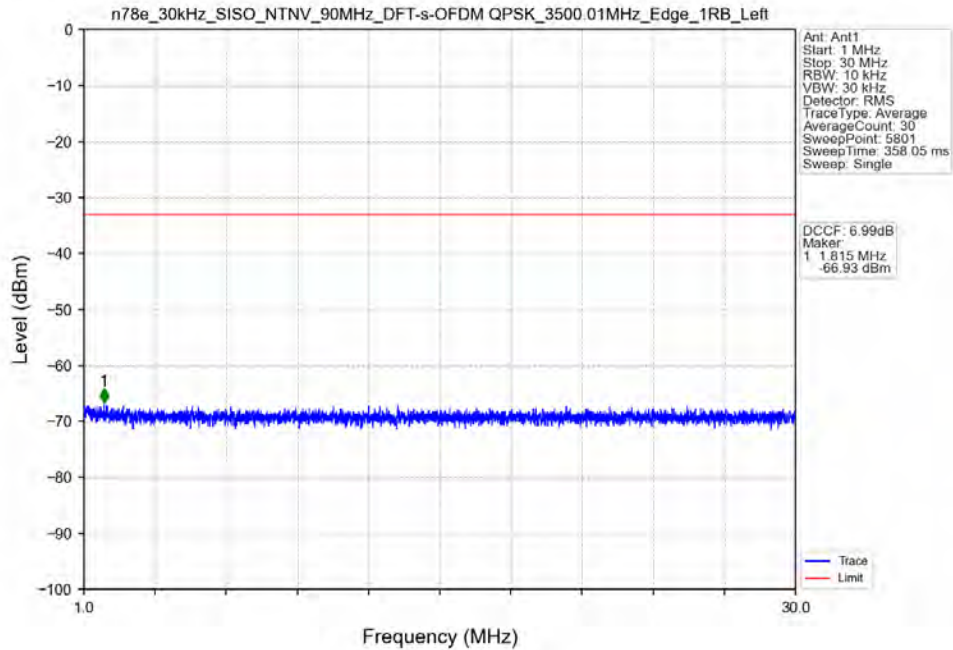
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n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



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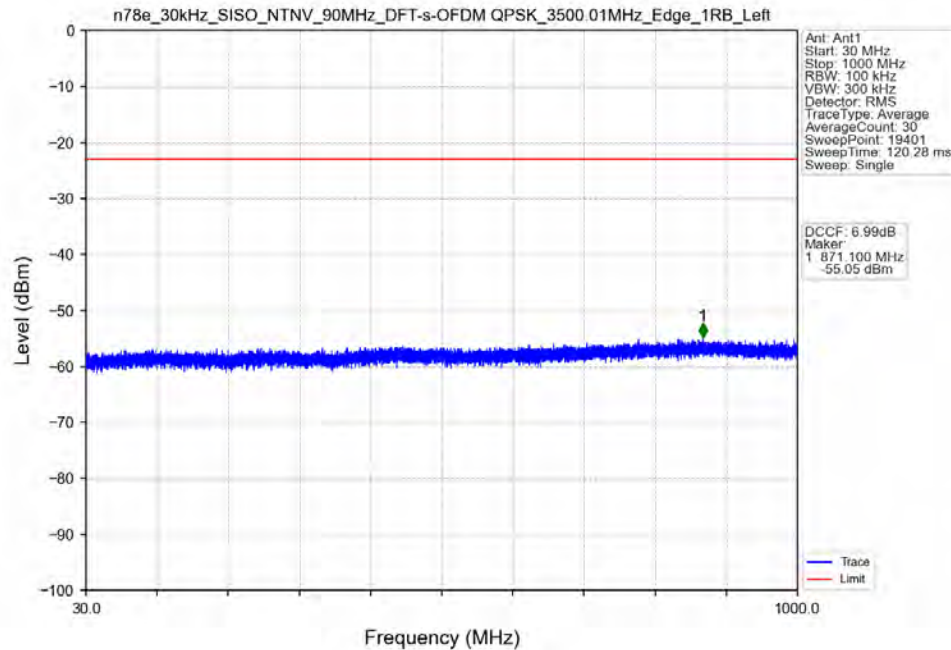


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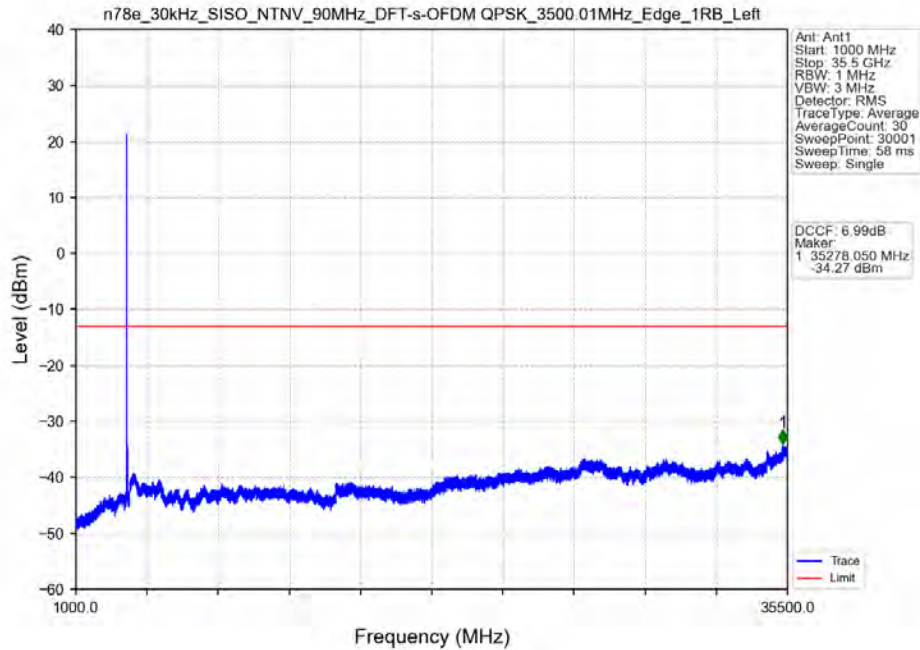
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n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM QPSK_3504.99MHz_Edge_1RB_Right



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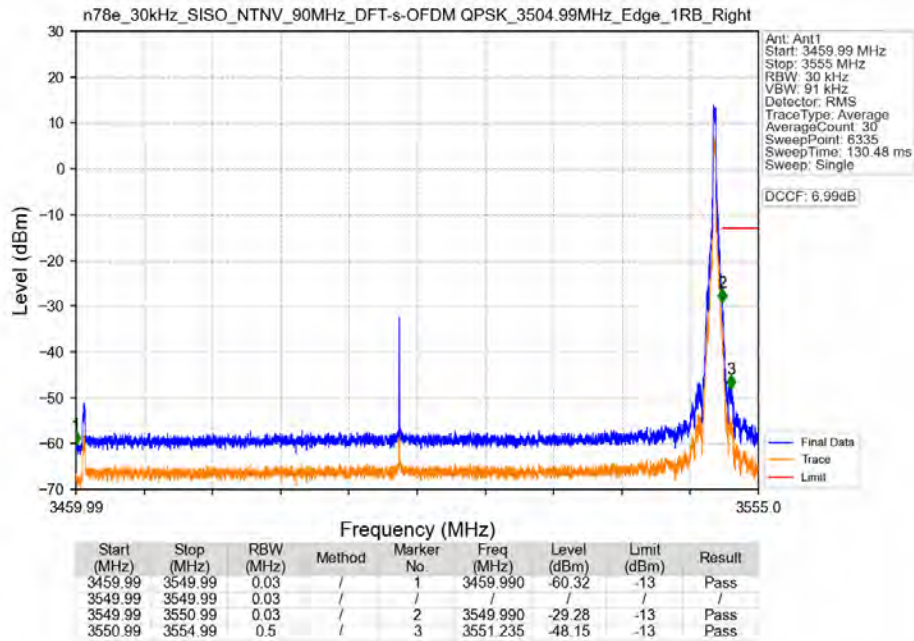


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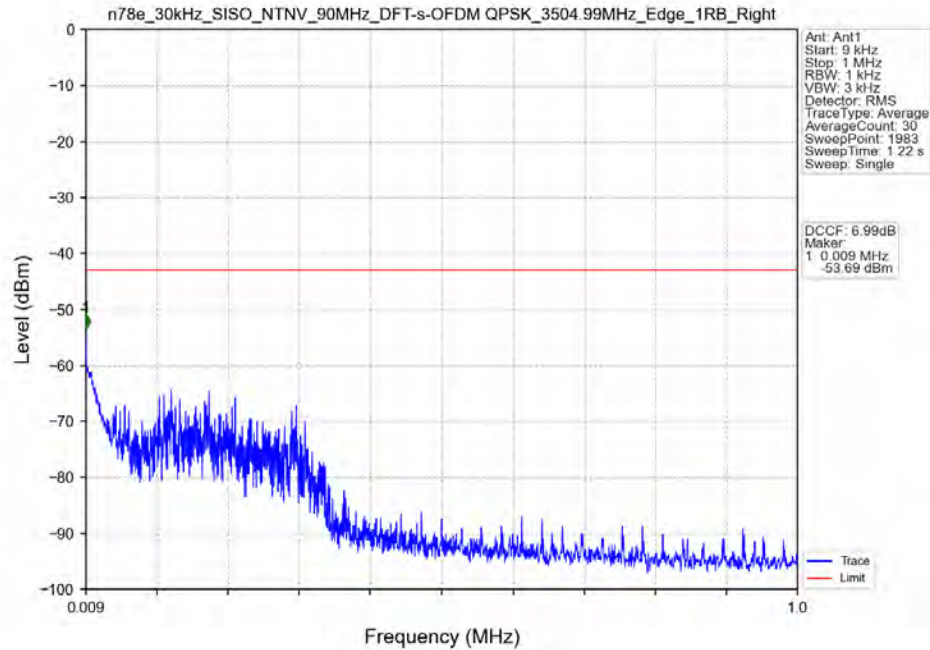
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n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_QPSK_3504.99MHz_Edge_1RB_Right



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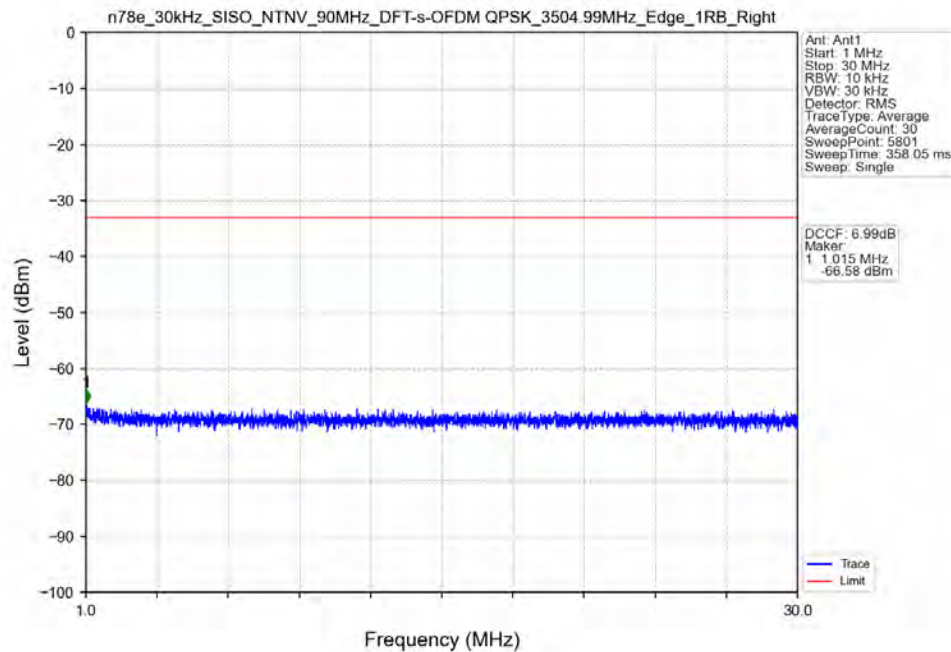


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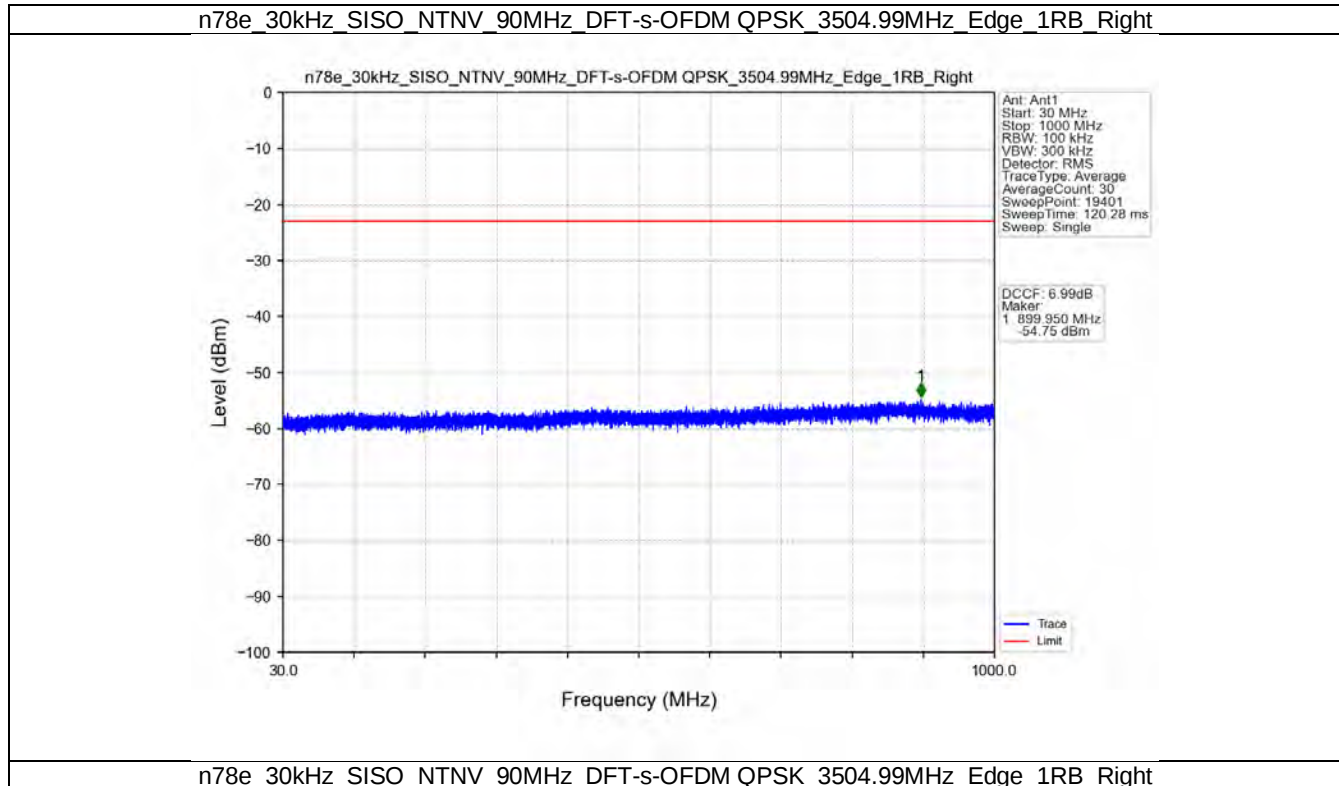


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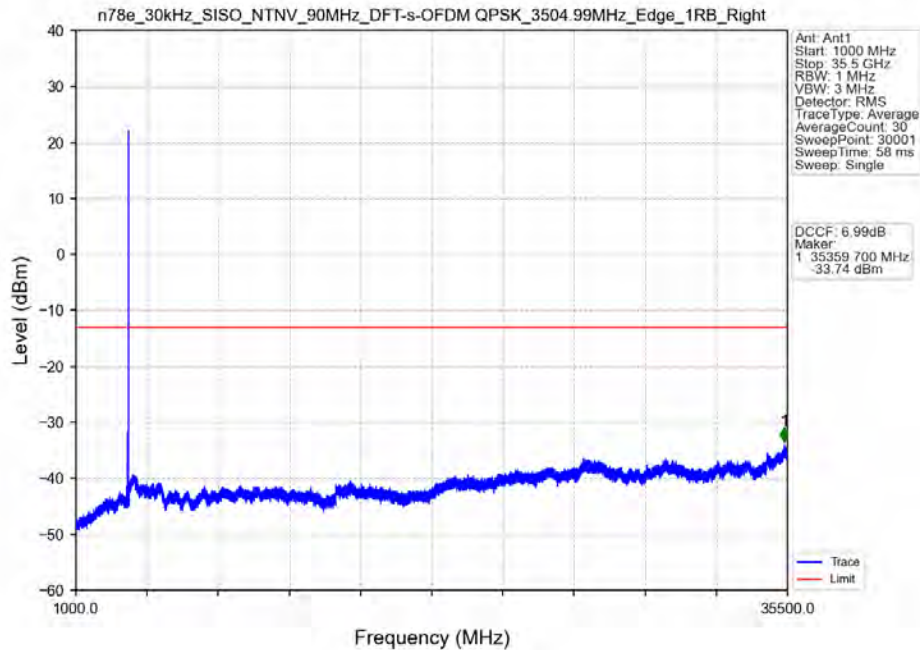


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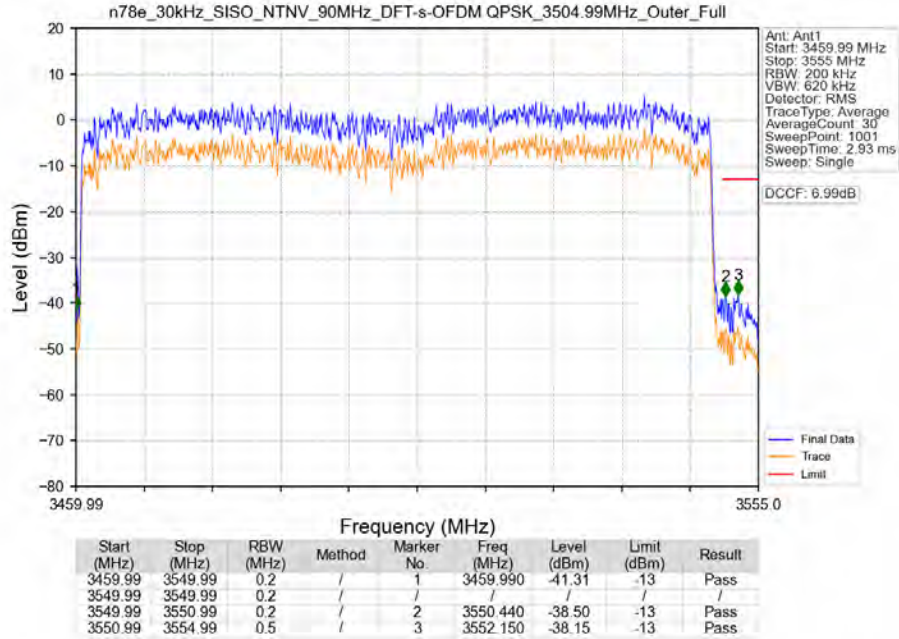
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n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_QPSK_3504.99MHz_Inner_1RB_Right



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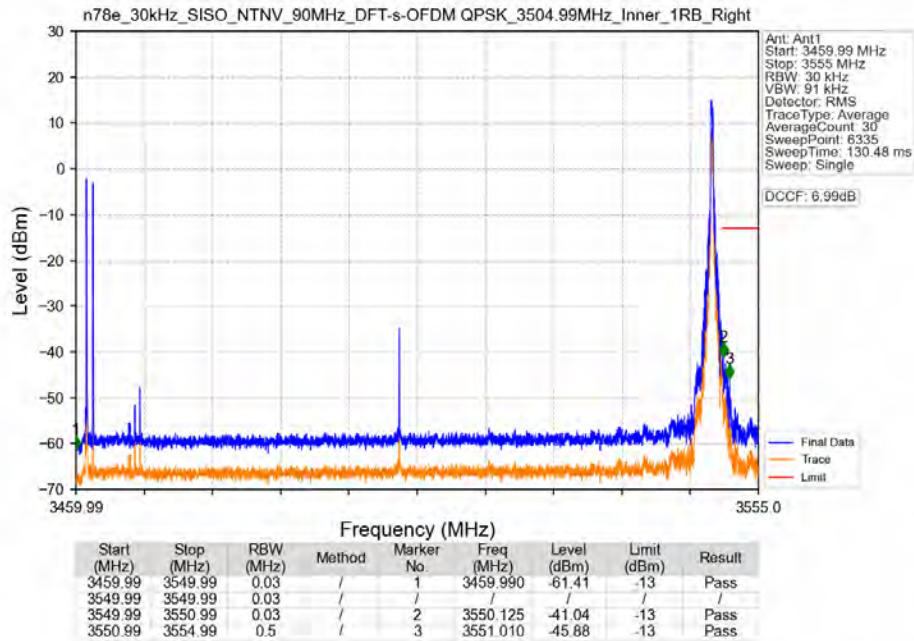


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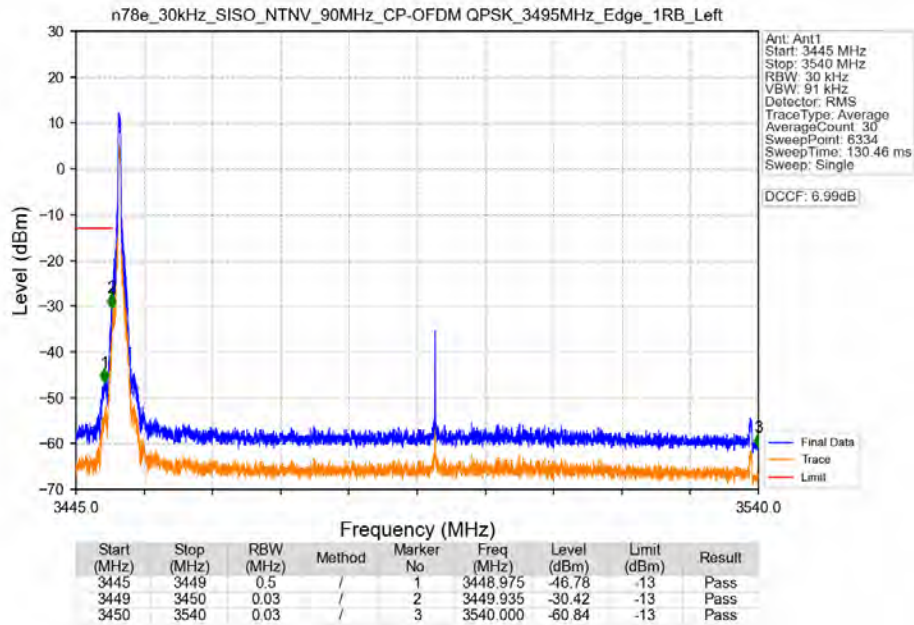
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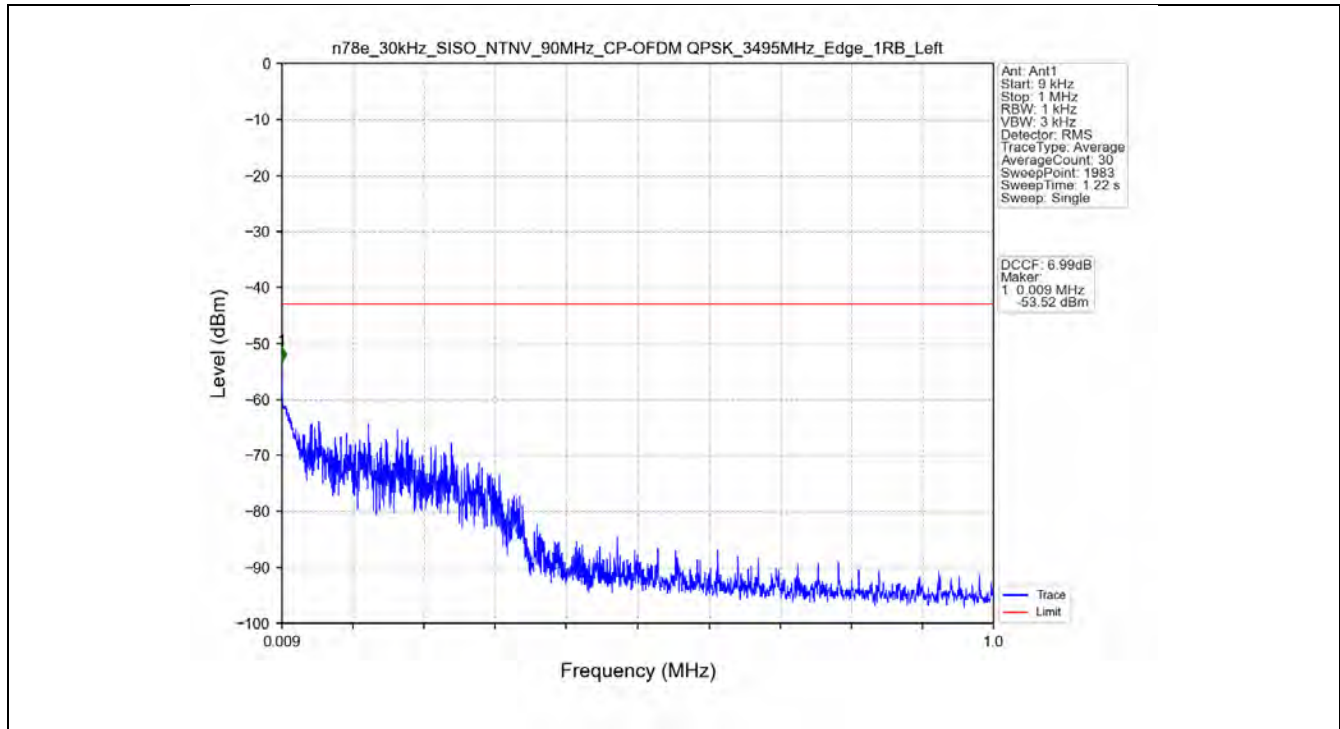


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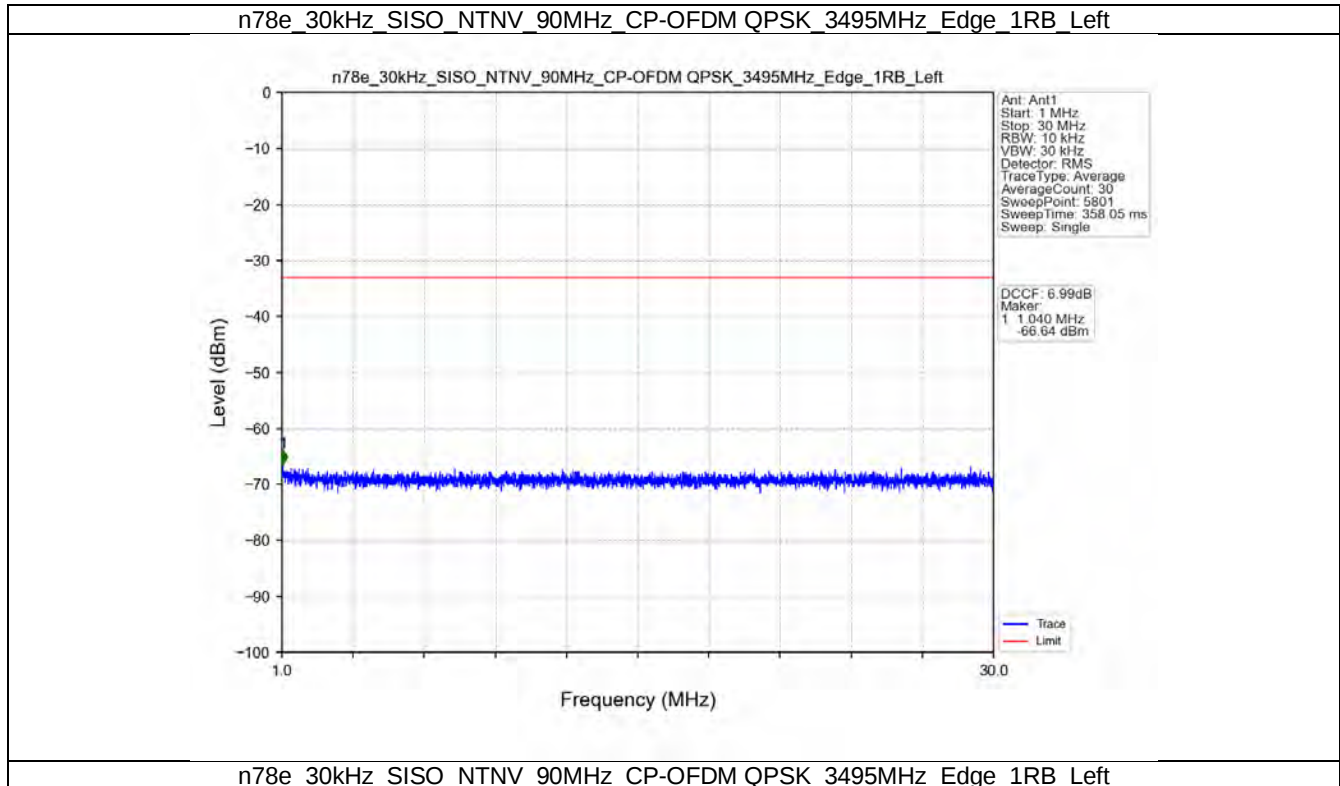


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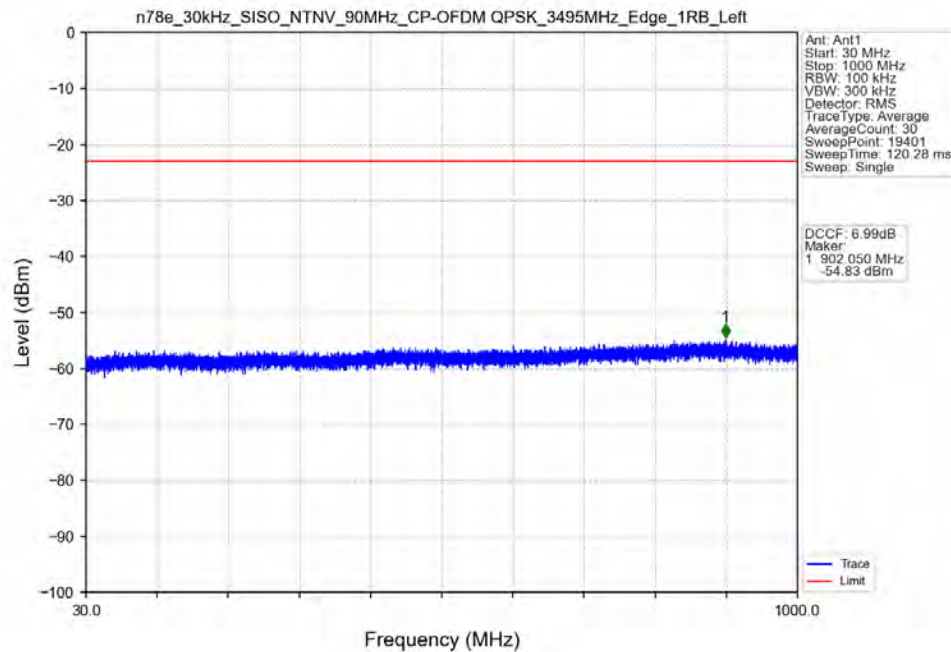


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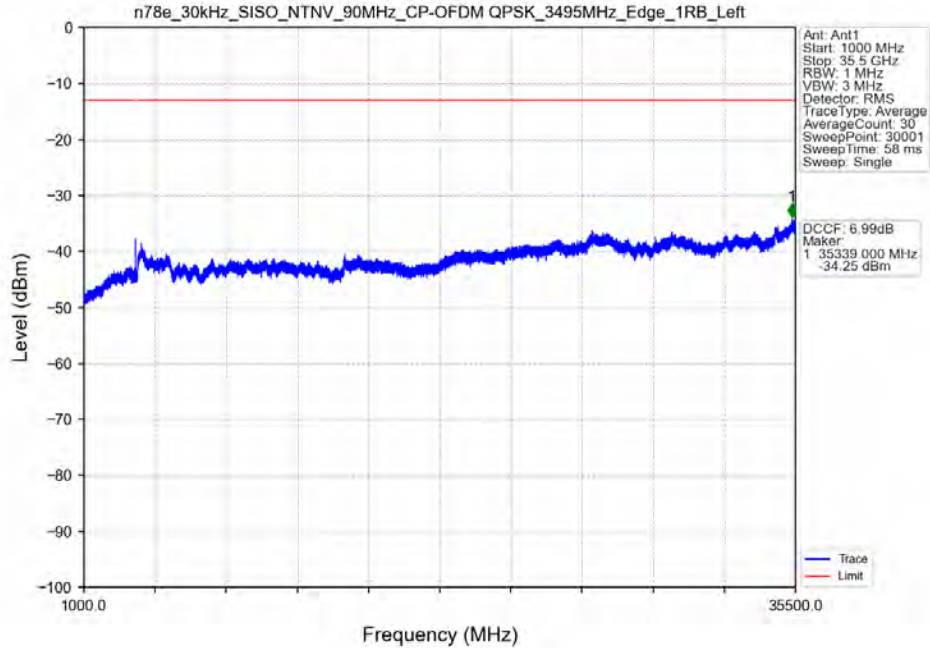
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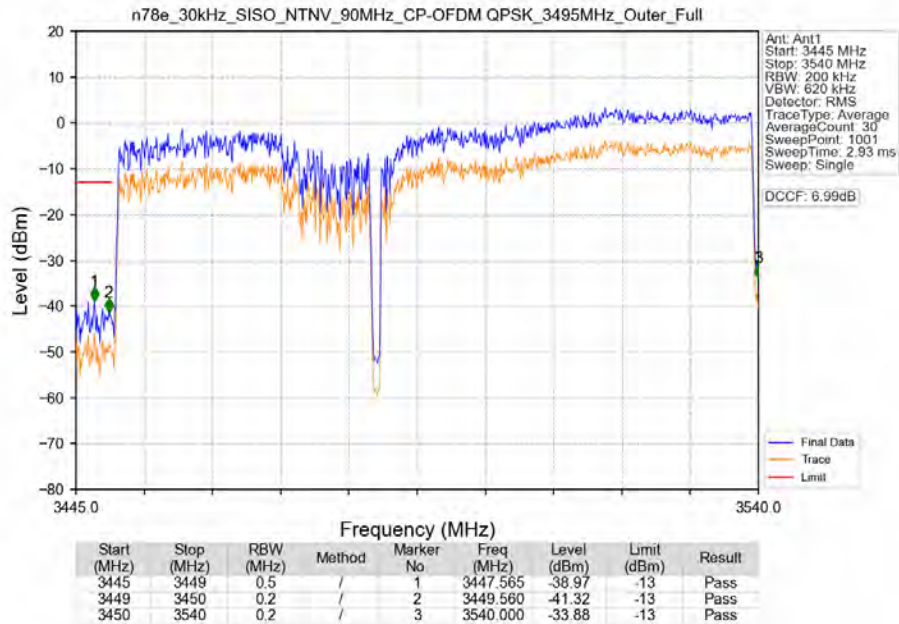


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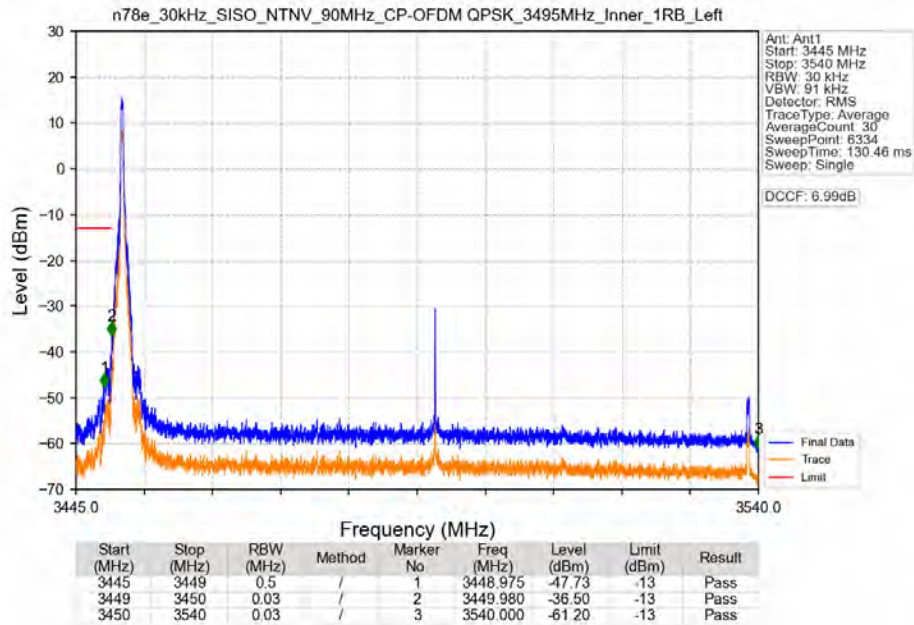
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n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM QPSK_3495MHz_Inner_1RB_Left



n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM QPSK_3500.01MHz_Edge_1RB_Left



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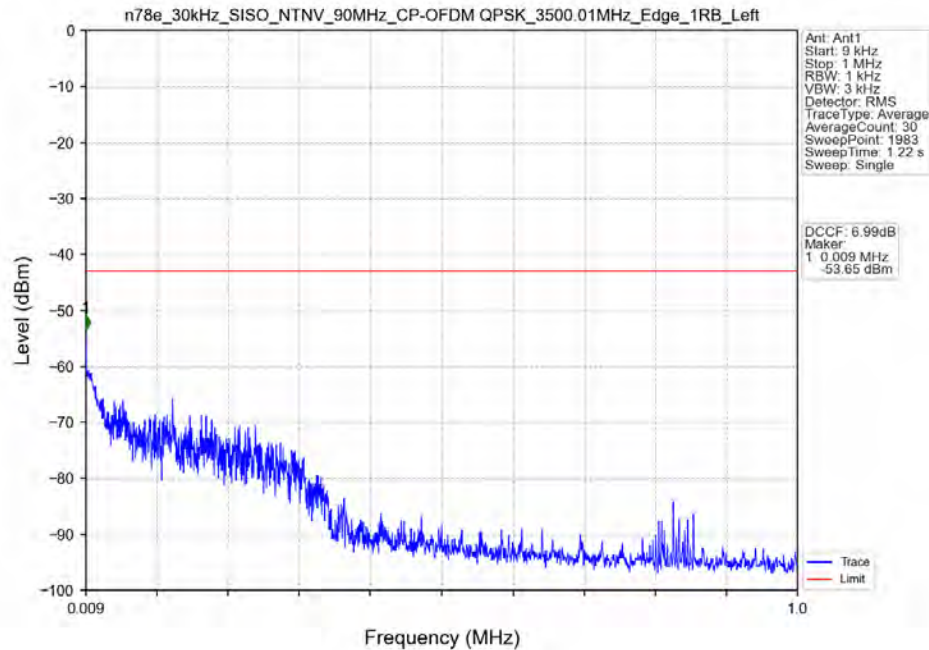


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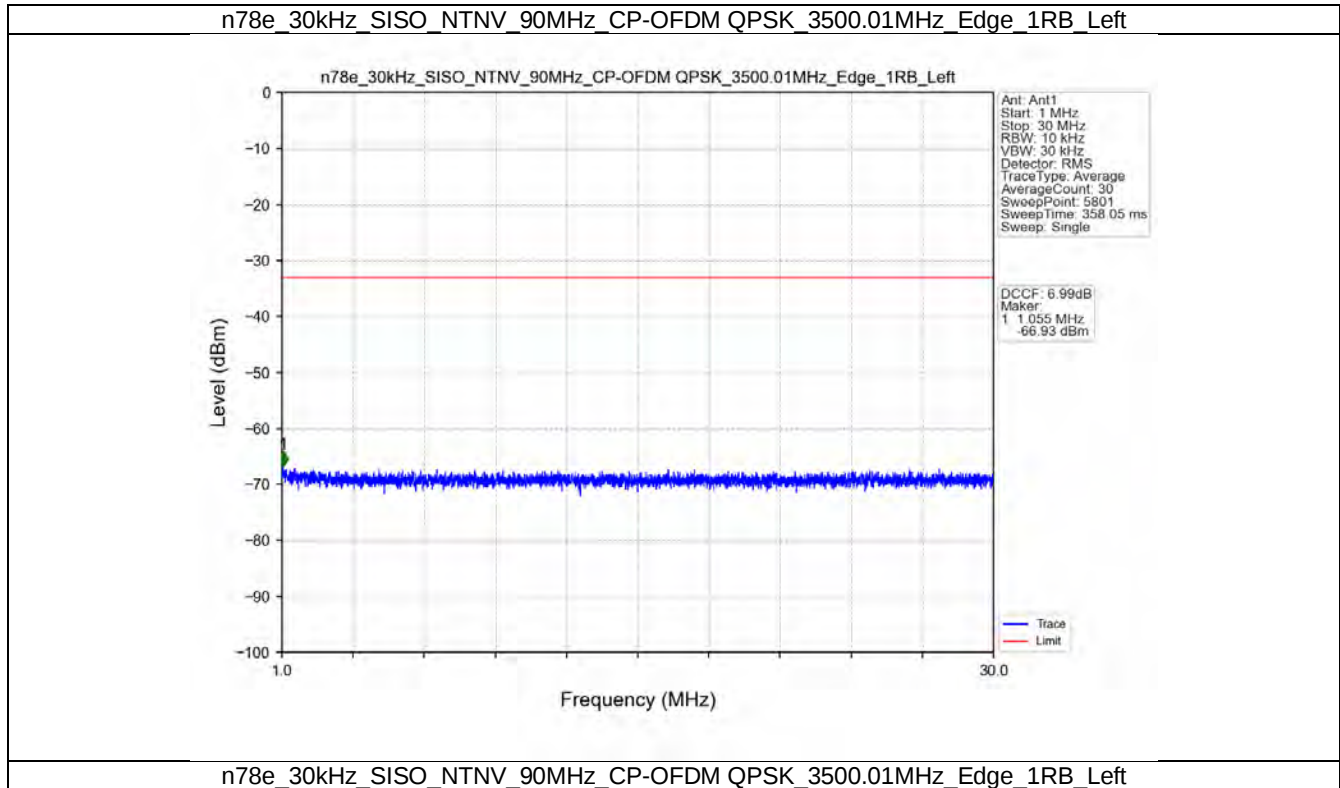


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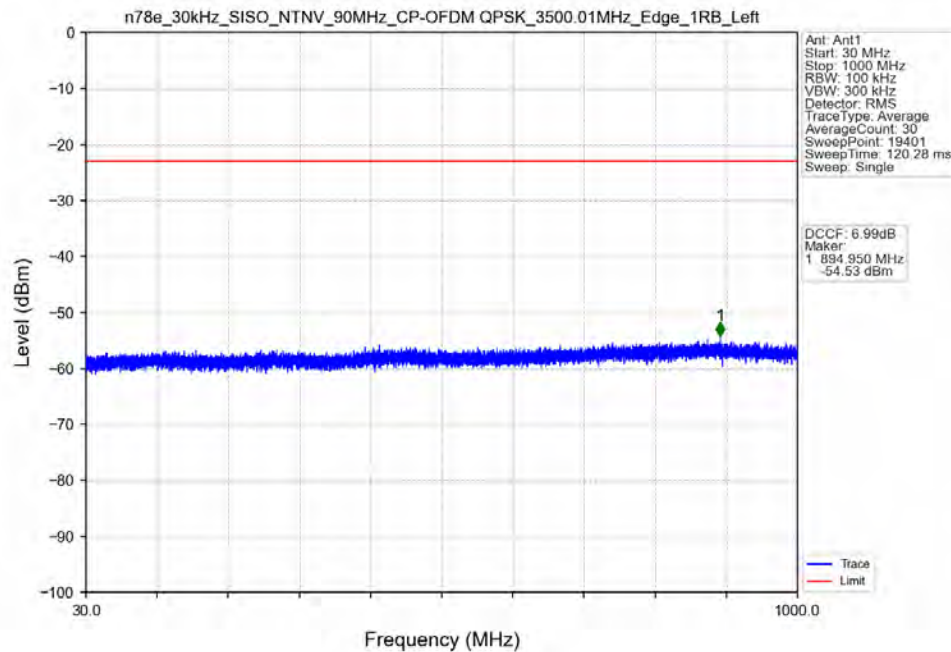


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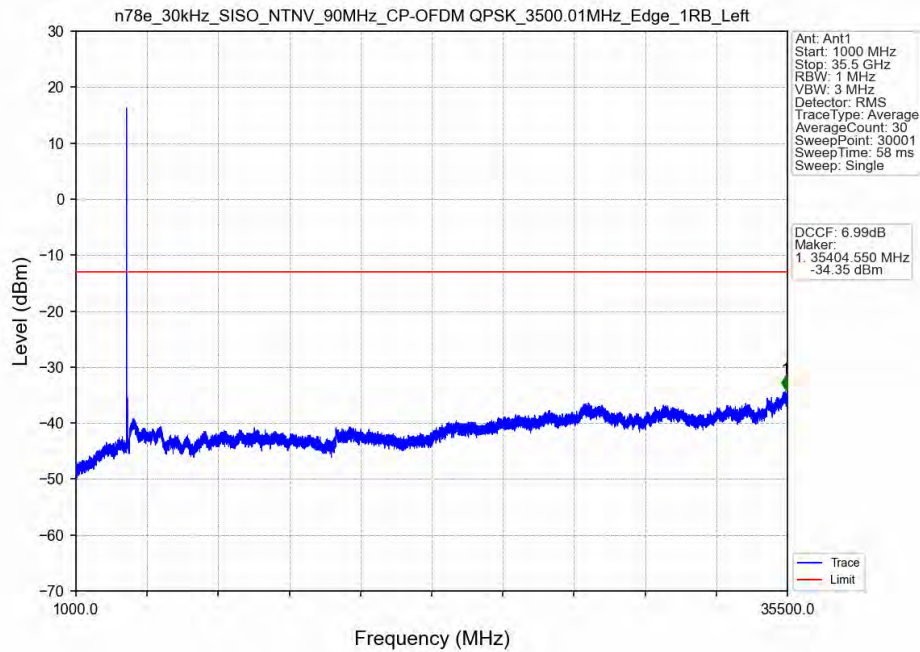
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n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM QPSK_3504.99MHz_Edge_1RB_Right



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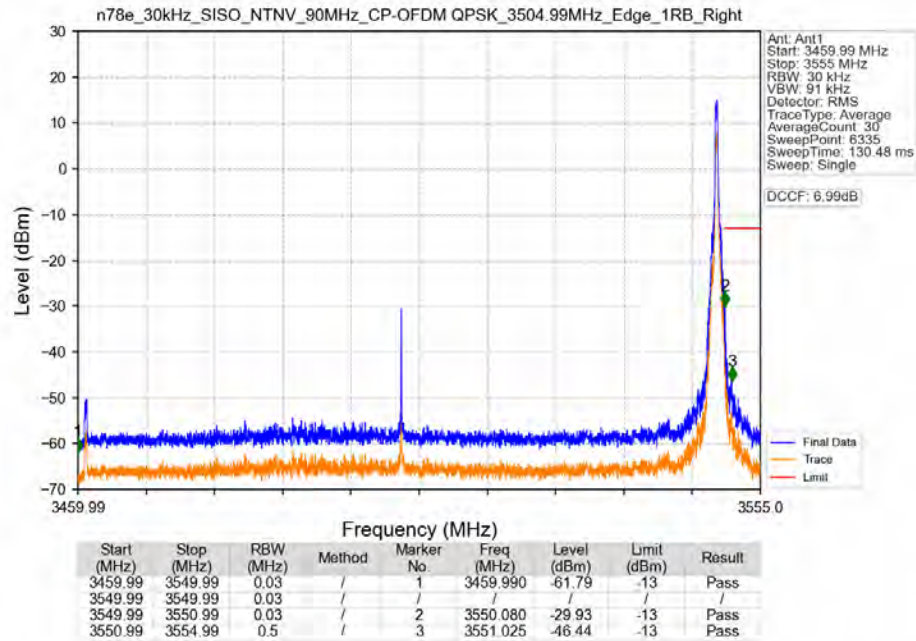


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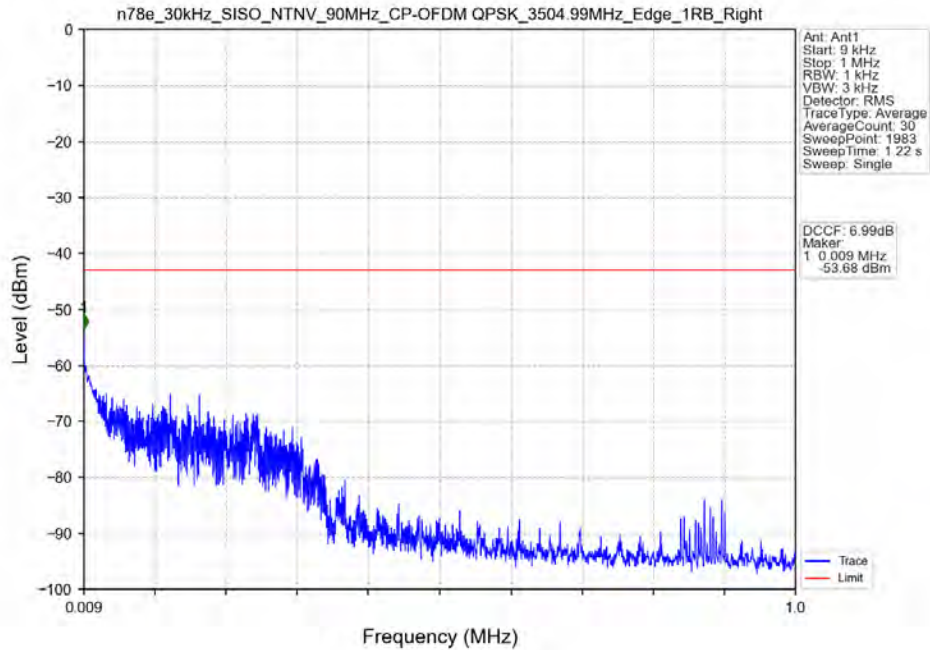
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n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM QPSK_3504.99MHz_Edge_1RB_Right



n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM QPSK_3504.99MHz_Edge_1RB_Right



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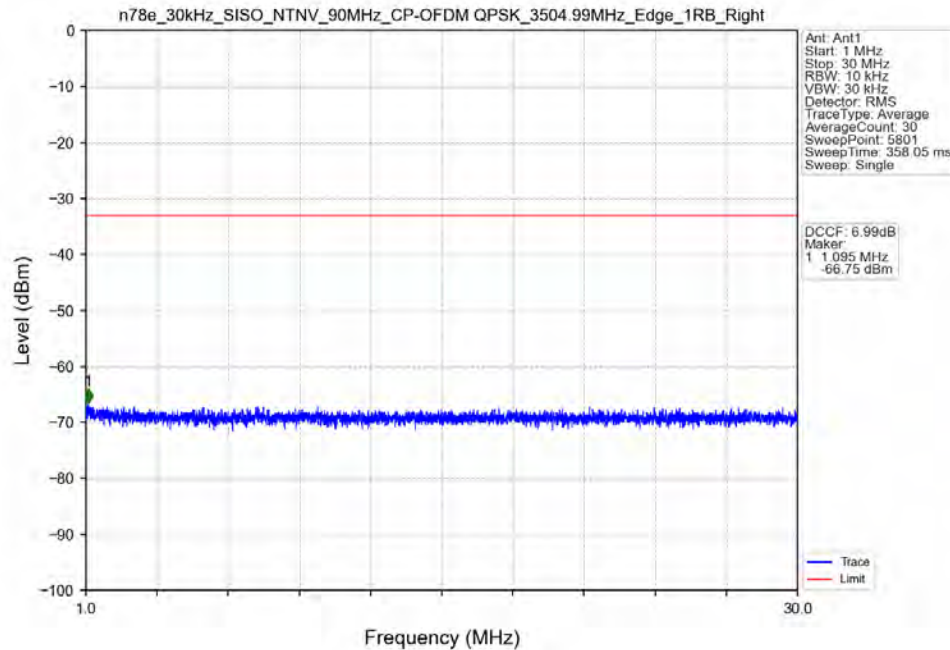


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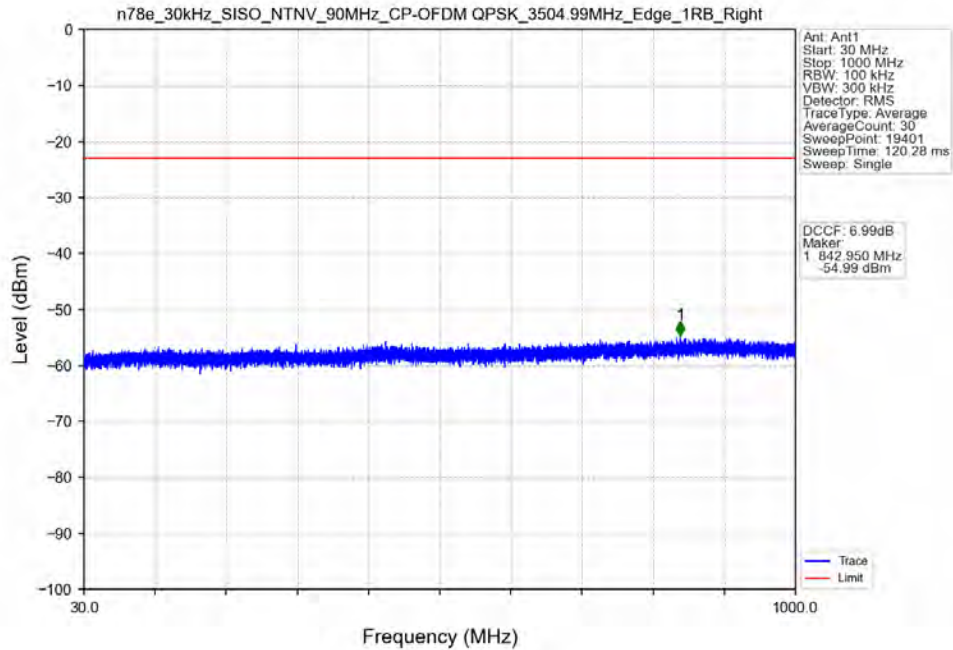
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n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM QPSK_3504.99MHz_Edge_1RB_Right



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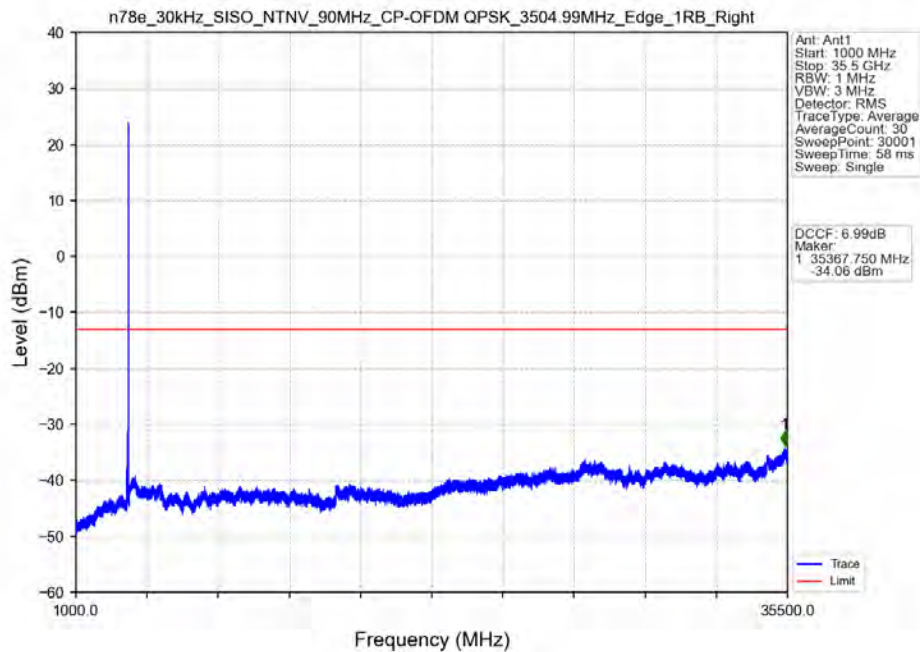


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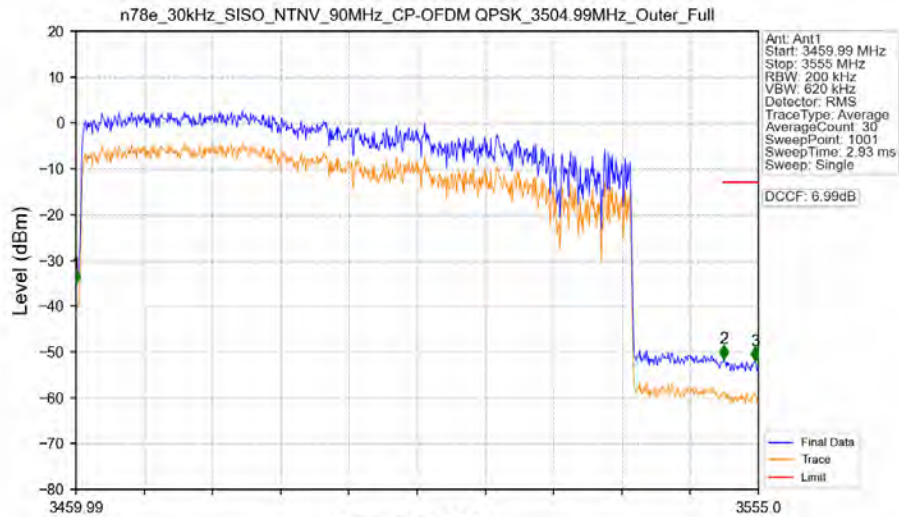
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n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3504.99MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3459.99	3549.99	0.2	/	1	3459.990	-34.99	-13	Pass
3549.99	3549.99	0.2	/	/	/	/	/	/
3549.99	3550.99	0.2	/	2	3550.154	-51.55	-13	Pass
3550.99	3554.99	0.5	/	3	3554.525	-52.02	-13	Pass

n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3504.99MHz_Inner_1RB_Right



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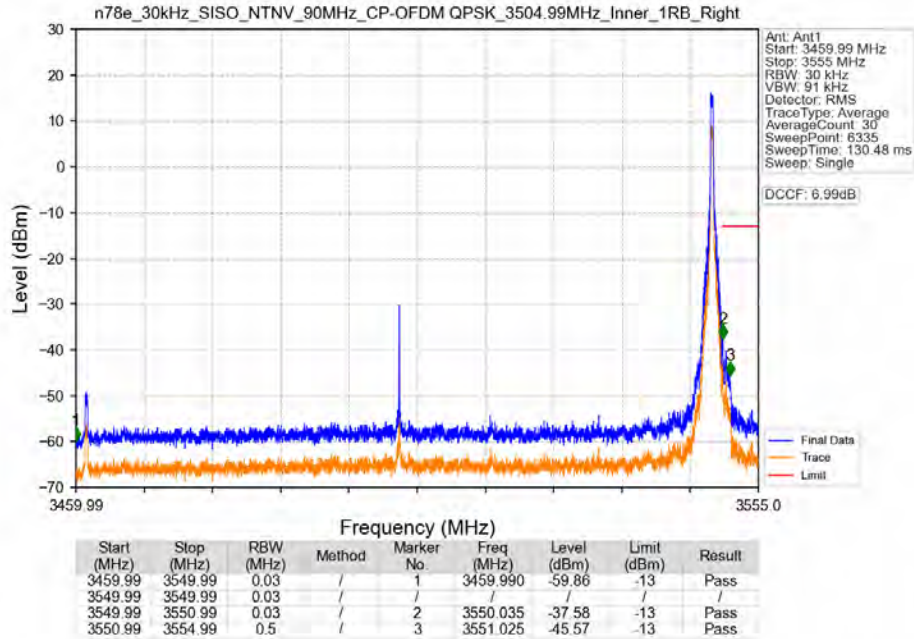


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5.9 30k_SISO_100MHz_NTNV

5.9.1 Test Result

5G NR n78e SCS=30kHz SISO 100MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant1	Ant4	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass	
		3499.98	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3500.01		Inner_1RB_Right	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
	3500.01	Inner_1RB_Left	Refer To Test Graph				Pass	
		3499.98	Edge_1RB_Left	Refer To Test Graph				Pass
			Edge_1RB_Right	Refer To Test Graph				Pass
CP-OFDM QPSK	3500.01		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass	
		Edge_1RB_Left	Refer To Test Graph				Pass	
	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass	
		3499.98	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
3499.98	Inner_1RB_Right		Refer To Test Graph				Pass	



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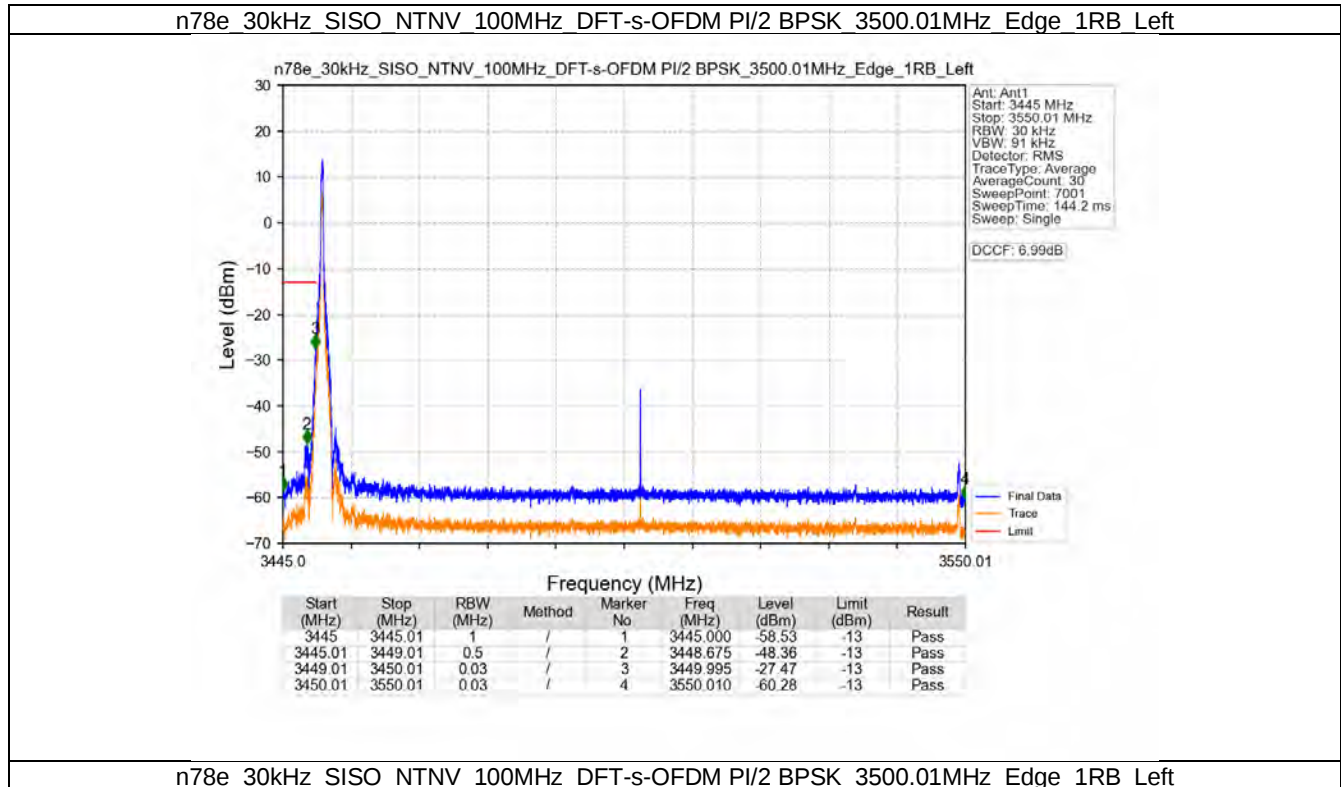
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5.9.2 Test Graph



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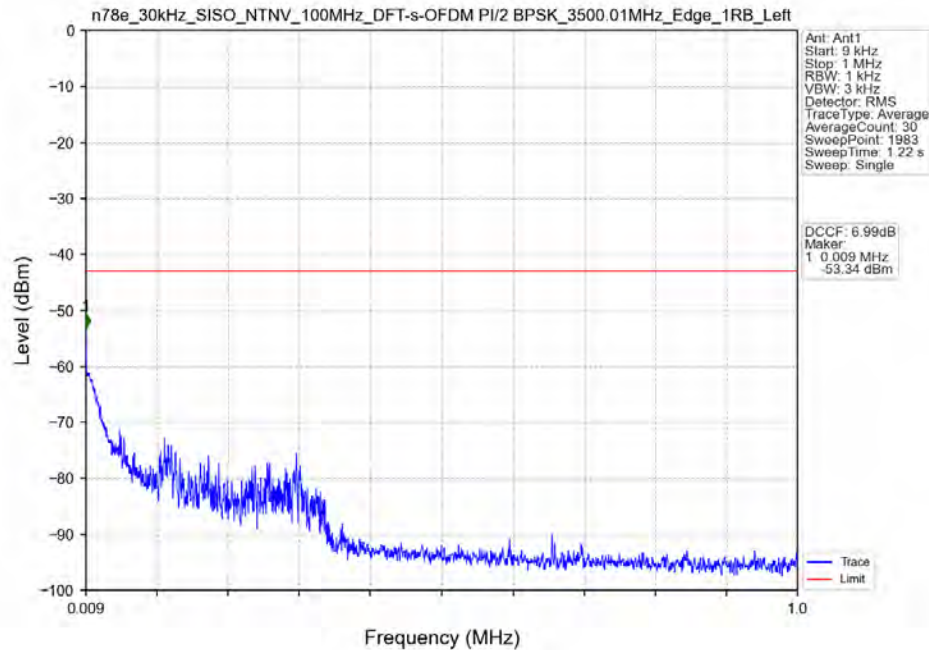


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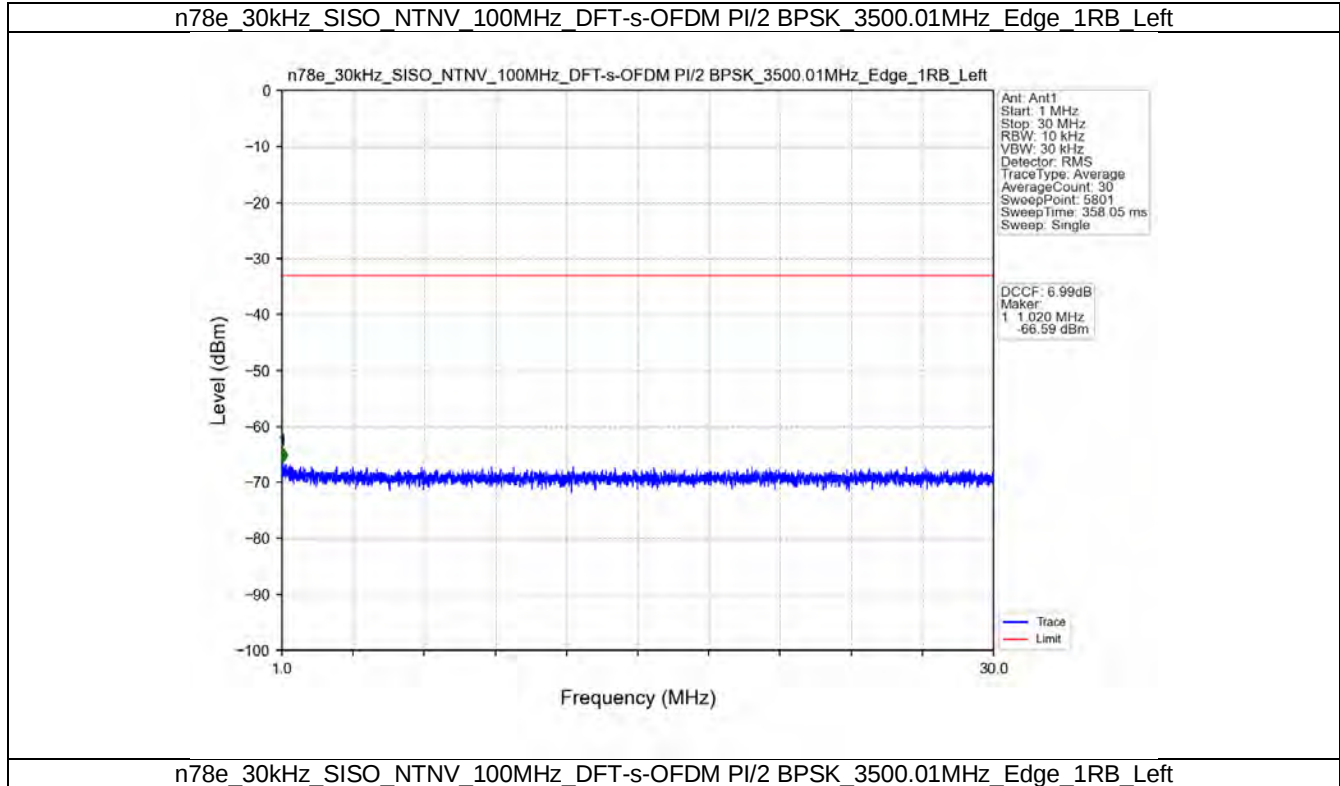


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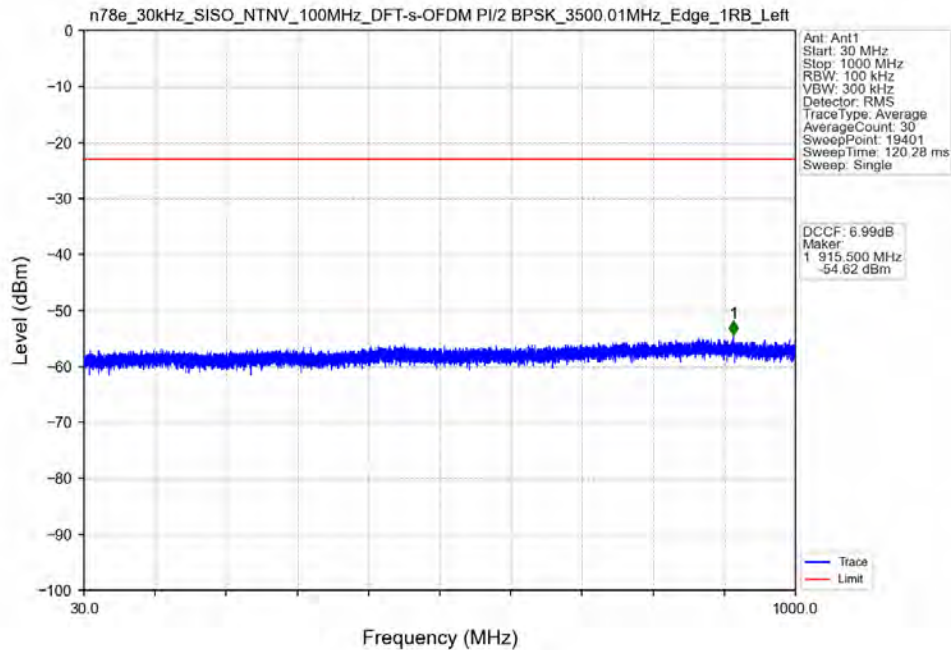


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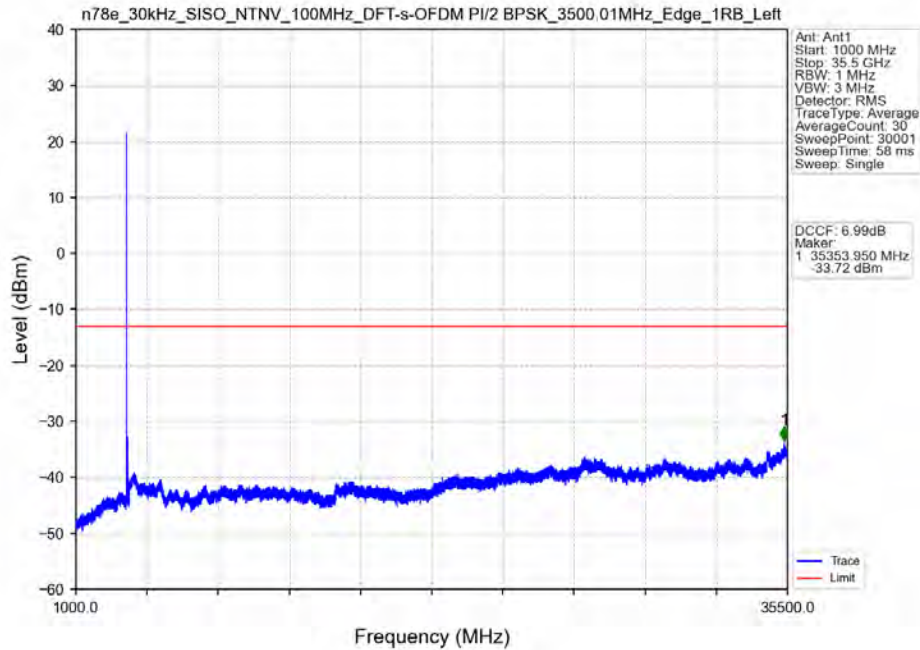
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n78e_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Outer_Full



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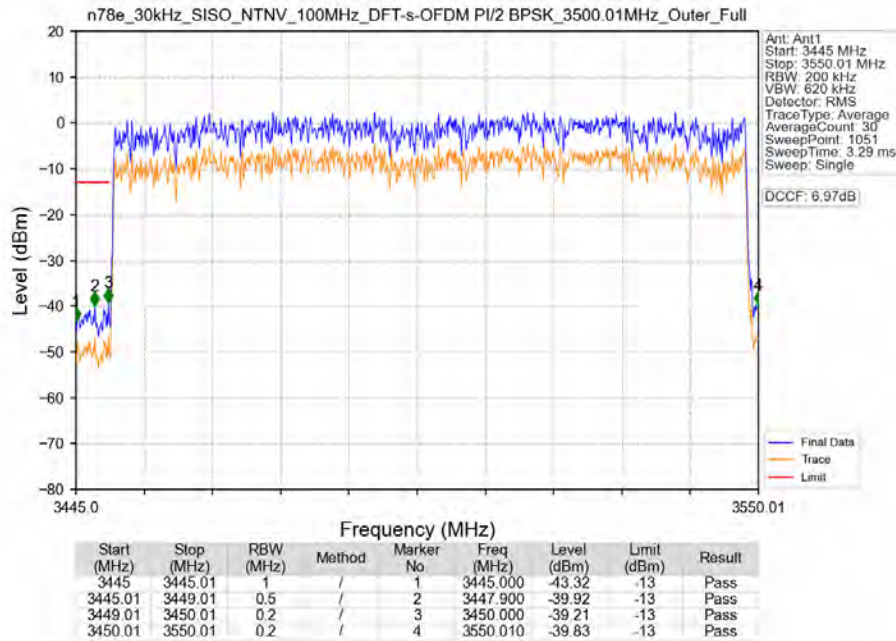


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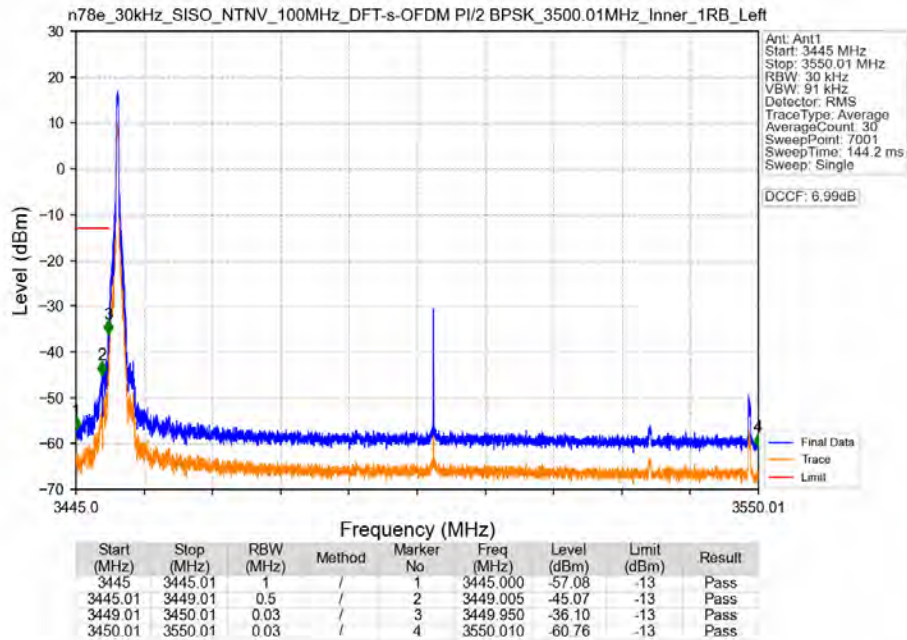
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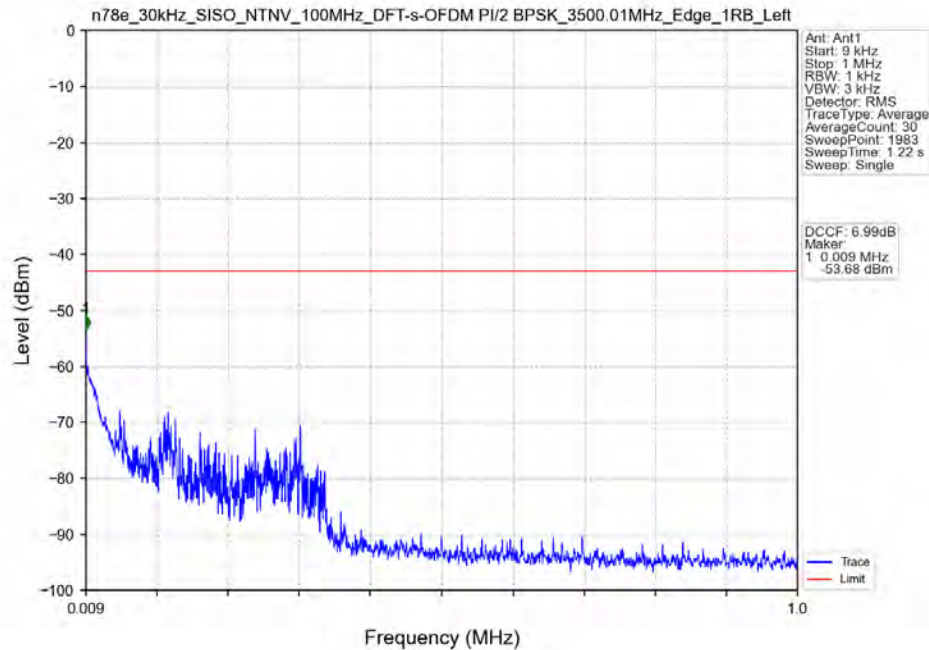


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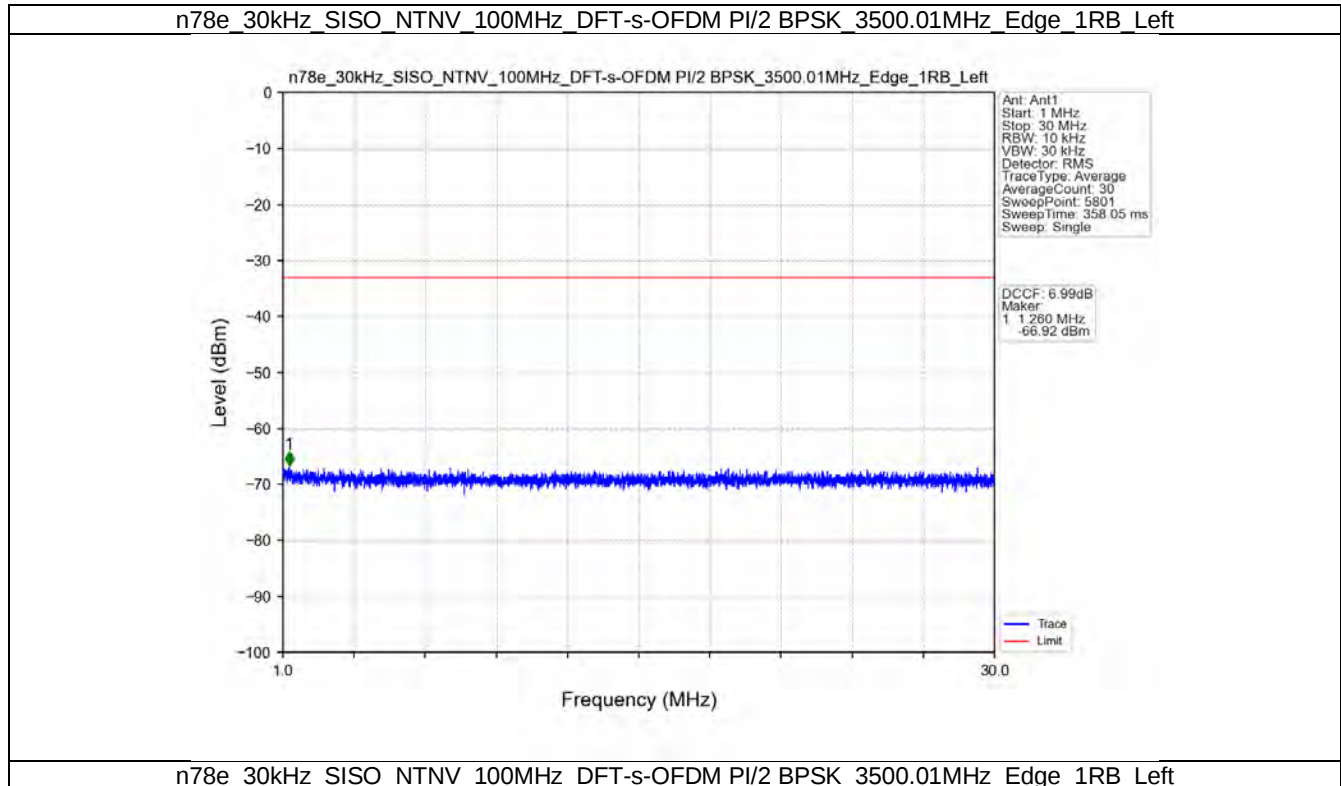


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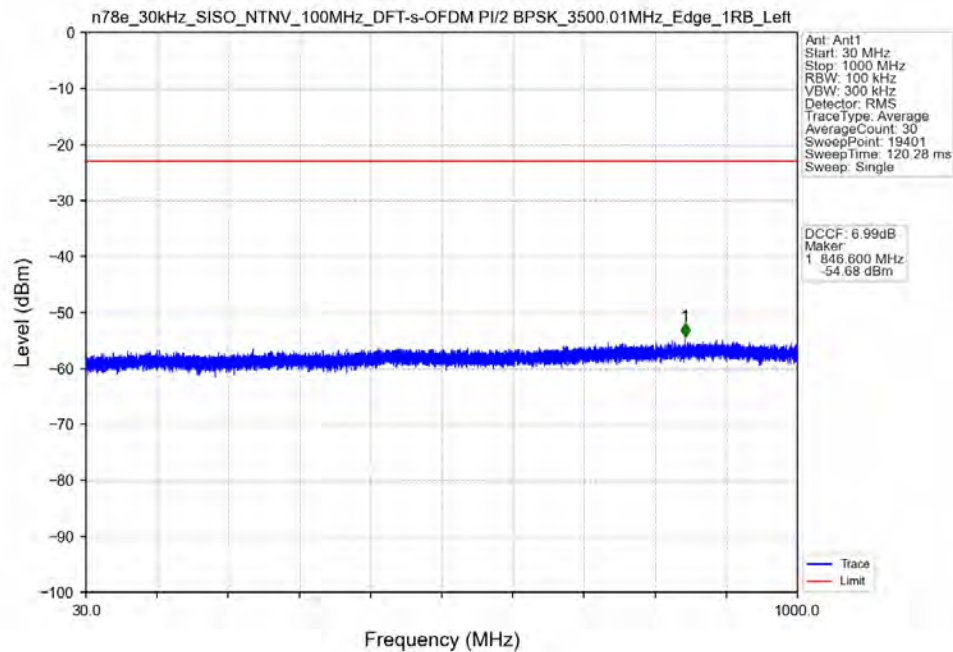


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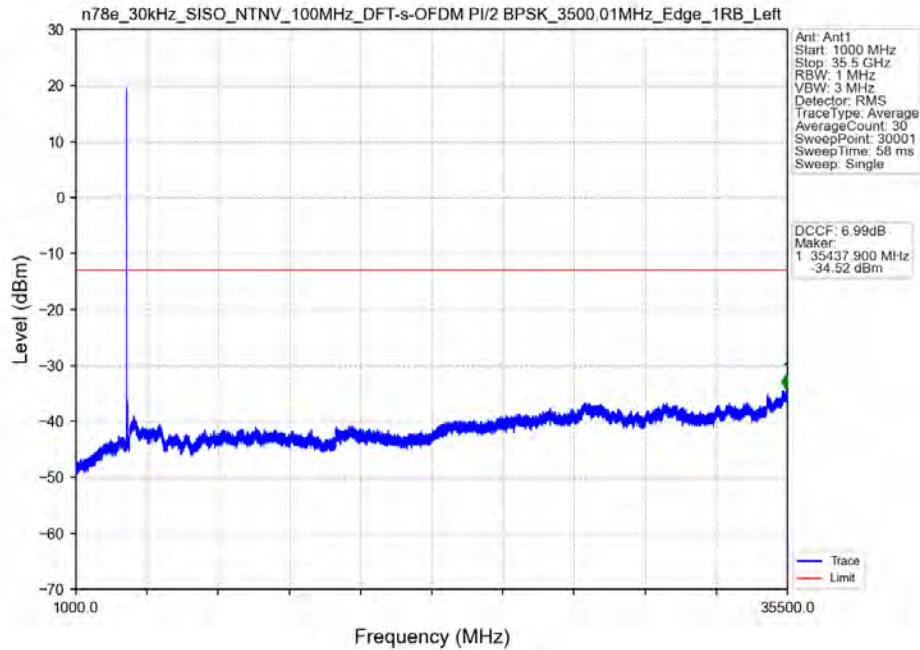
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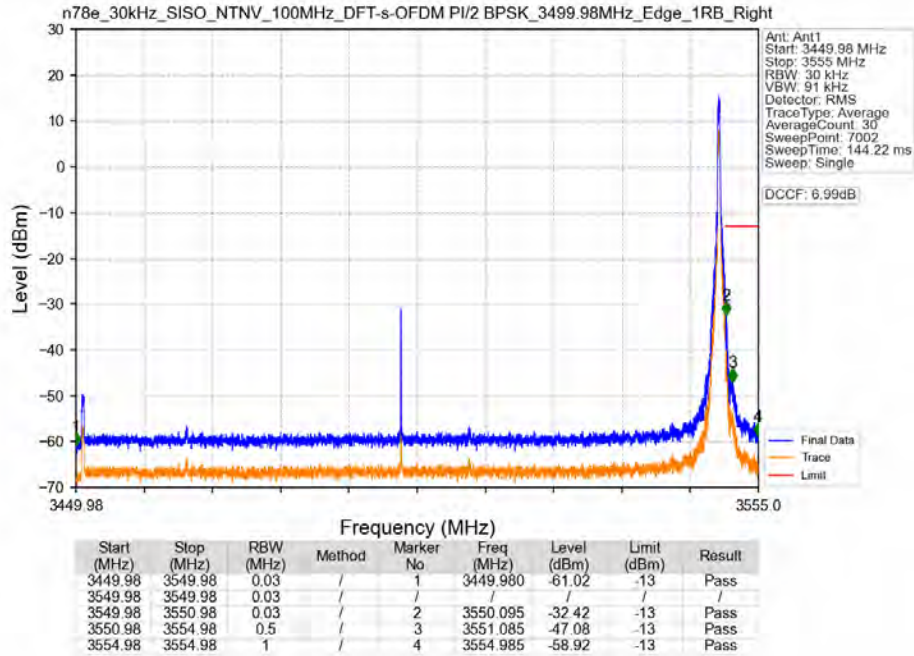


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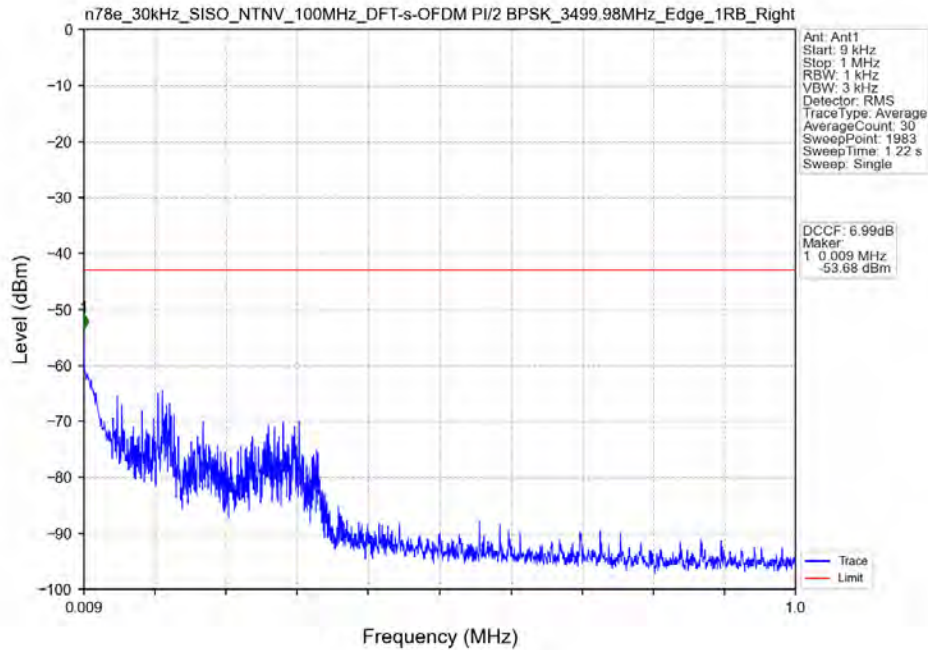
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n78e_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3499.98MHz_Edge_1RB_Right



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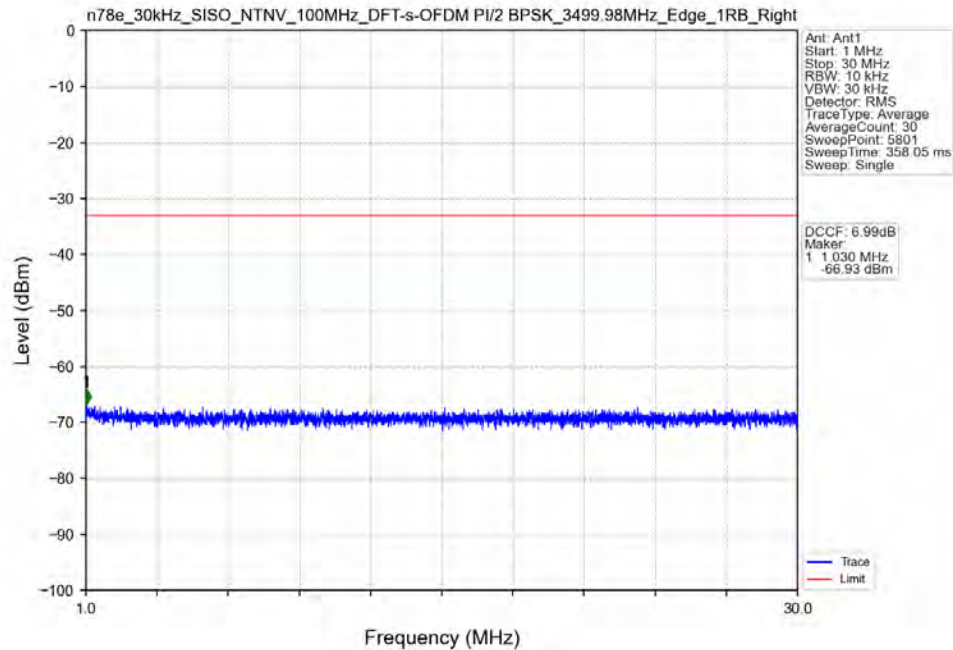


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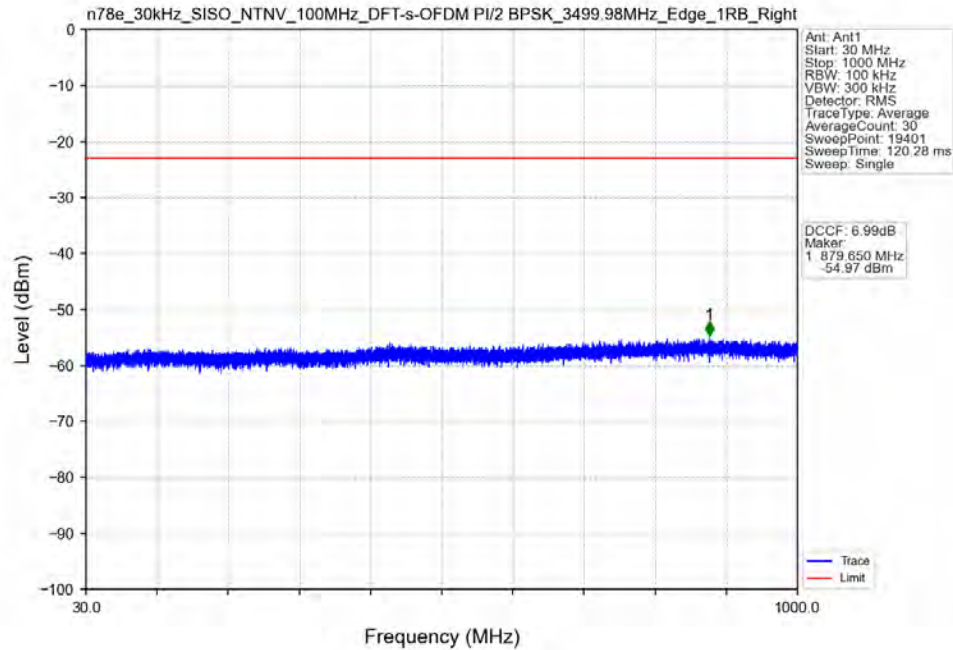
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n78e_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3499.98MHz_Edge_1RB_Right



n78e_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3499.98MHz_Edge_1RB_Right



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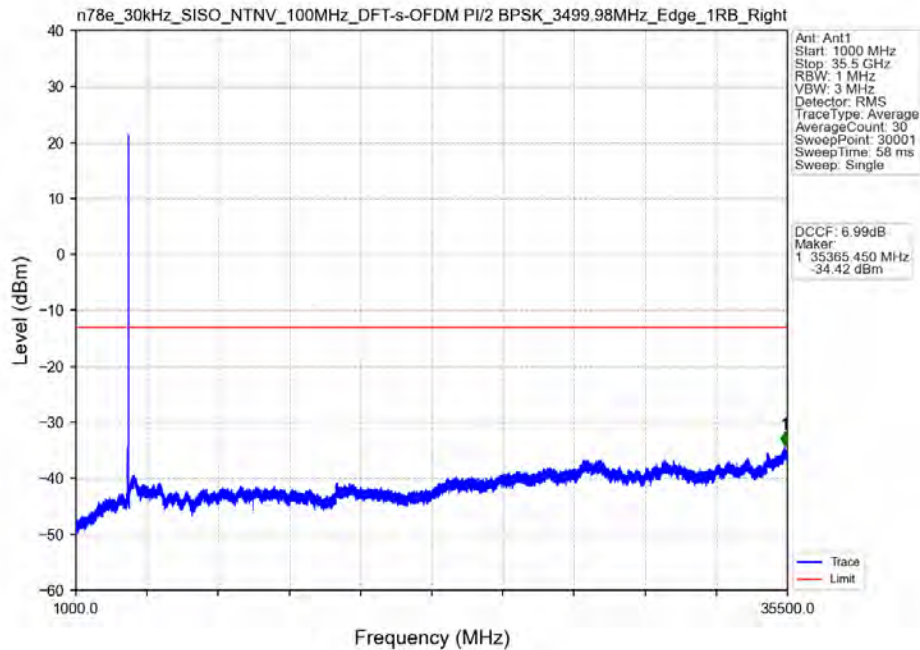


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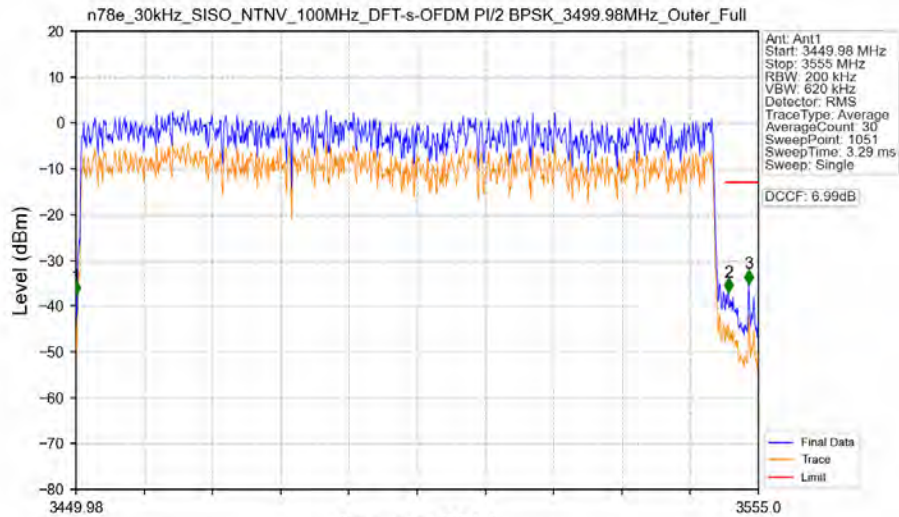
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n78e_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3499.98MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3449.98	3549.98	0.2	/	1	3449.980	-37.71	-13	Pass
3549.98	3549.98	0.2	/	/	/	/	/	/
3549.98	3550.98	0.2	/	2	3550.399	-36.99	-13	Pass
3550.98	3554.98	0.5	/	3	3553.500	-35.11	-13	Pass

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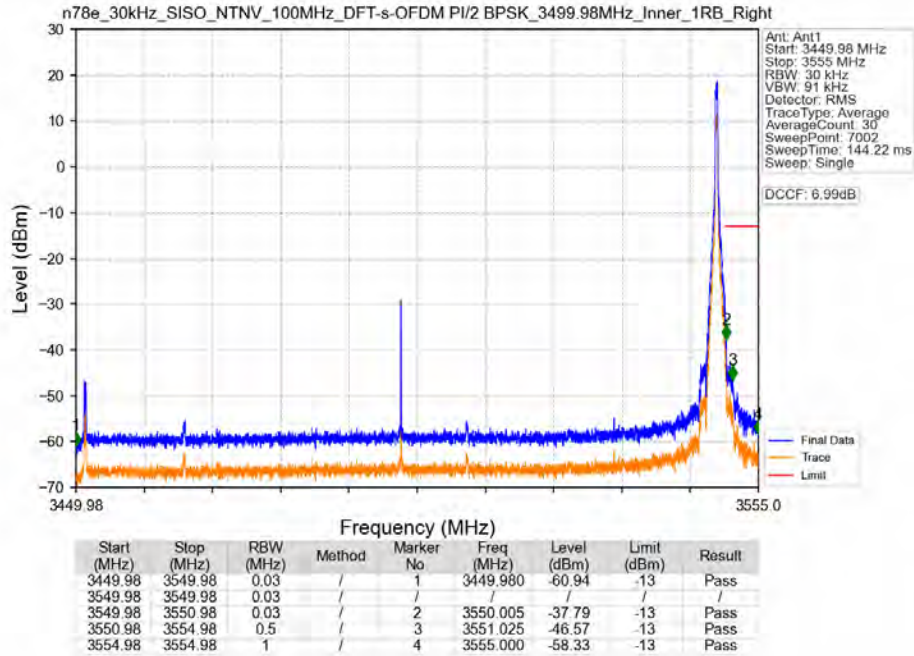


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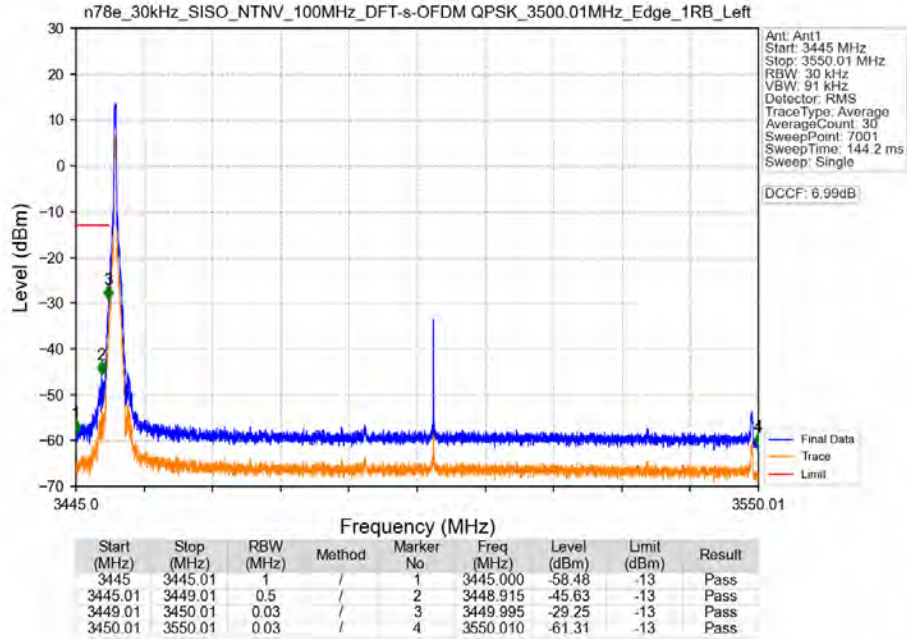
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n78e_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



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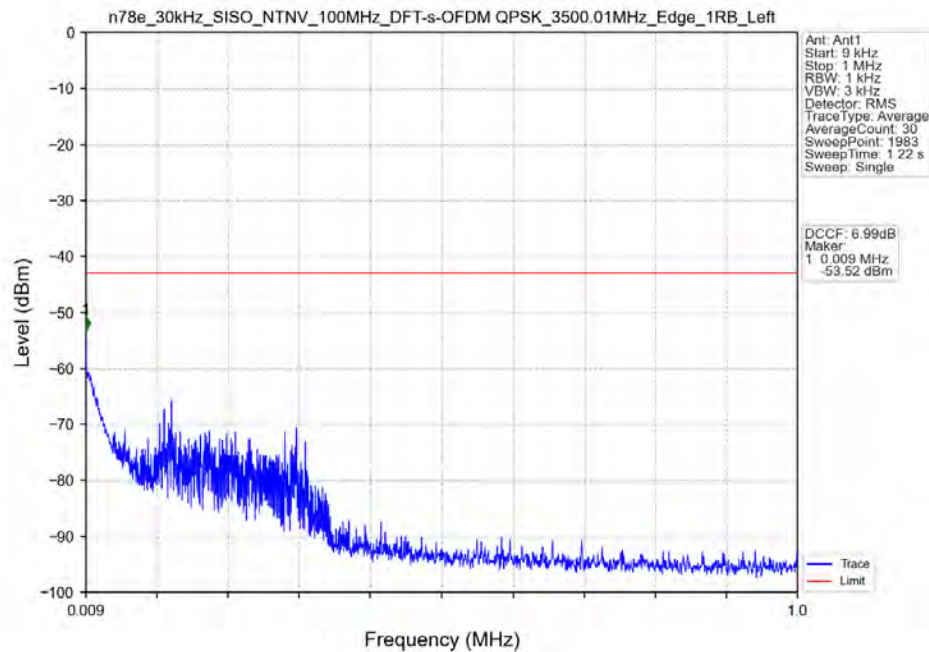


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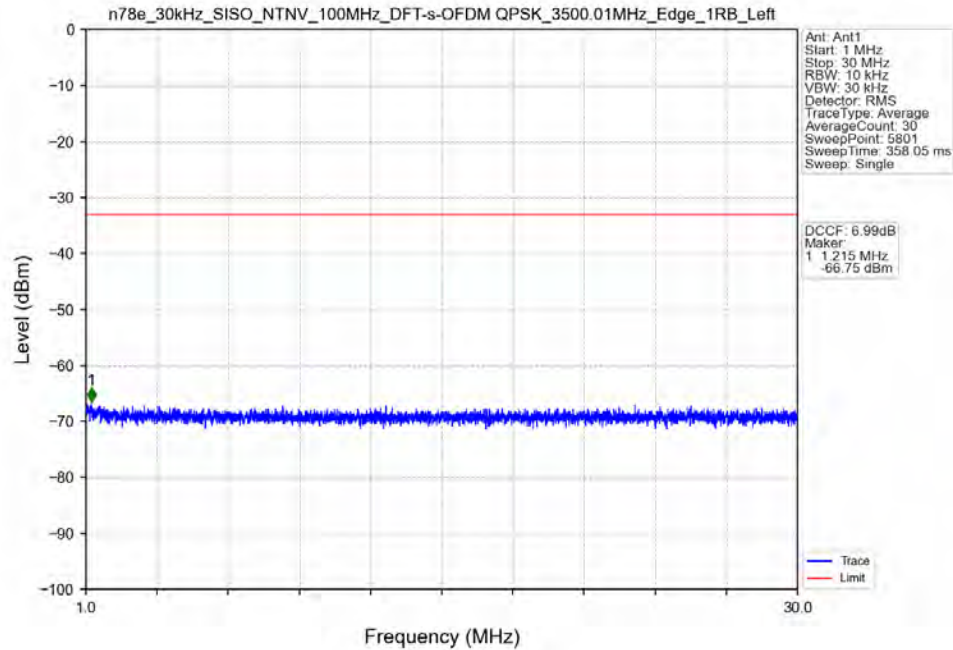
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n78e_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3500.01MHz_Edge_1RB_Left



n78e_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3500.01MHz_Edge_1RB_Left



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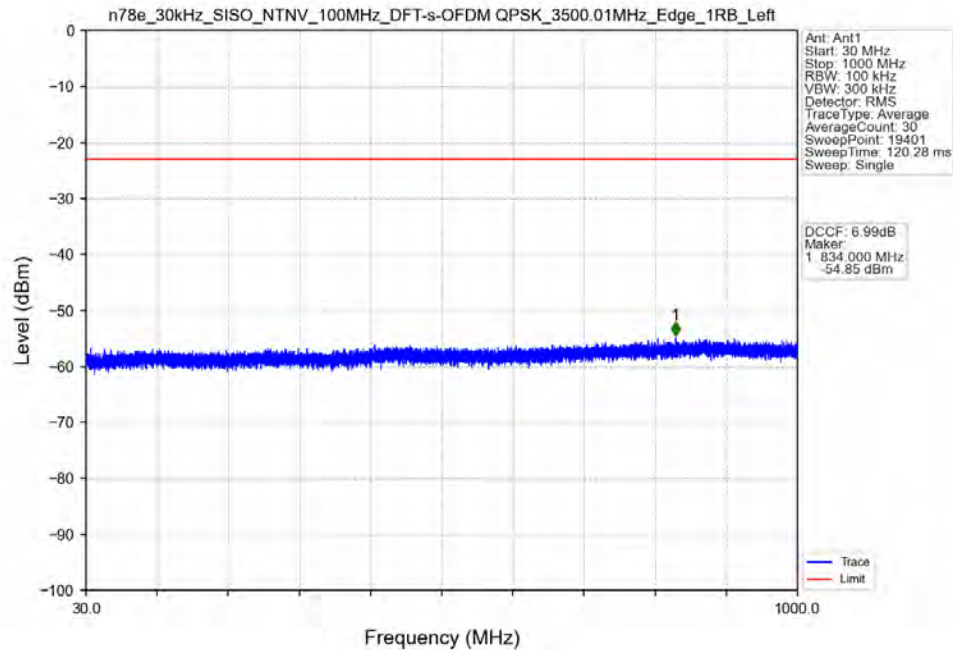


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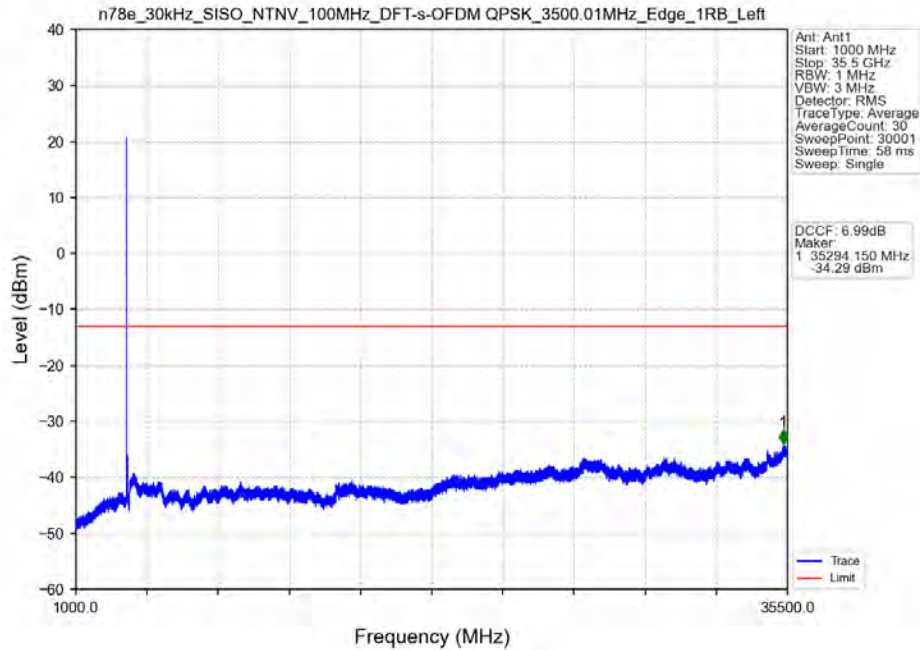
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n78e_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3500.01MHz_Outer_Full



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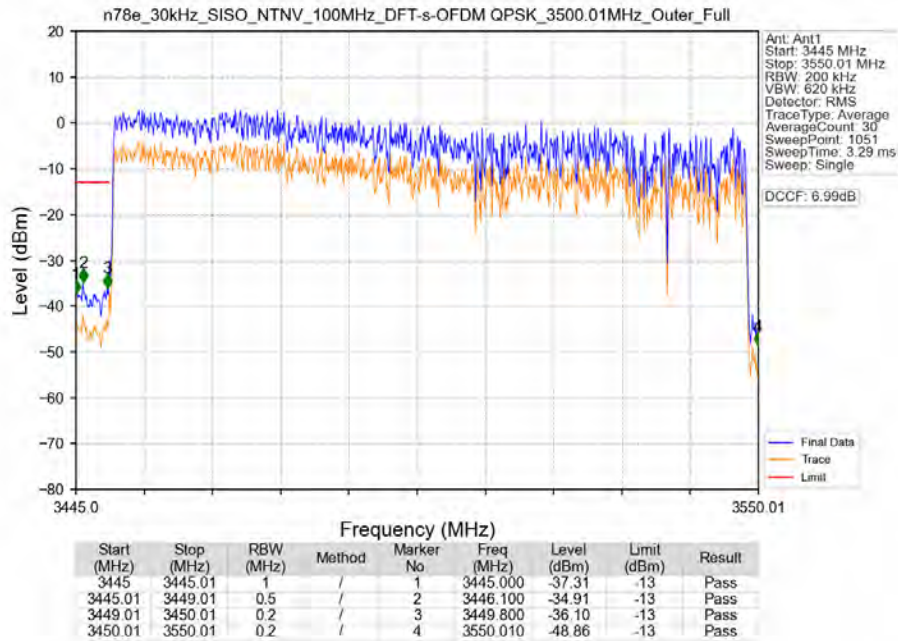


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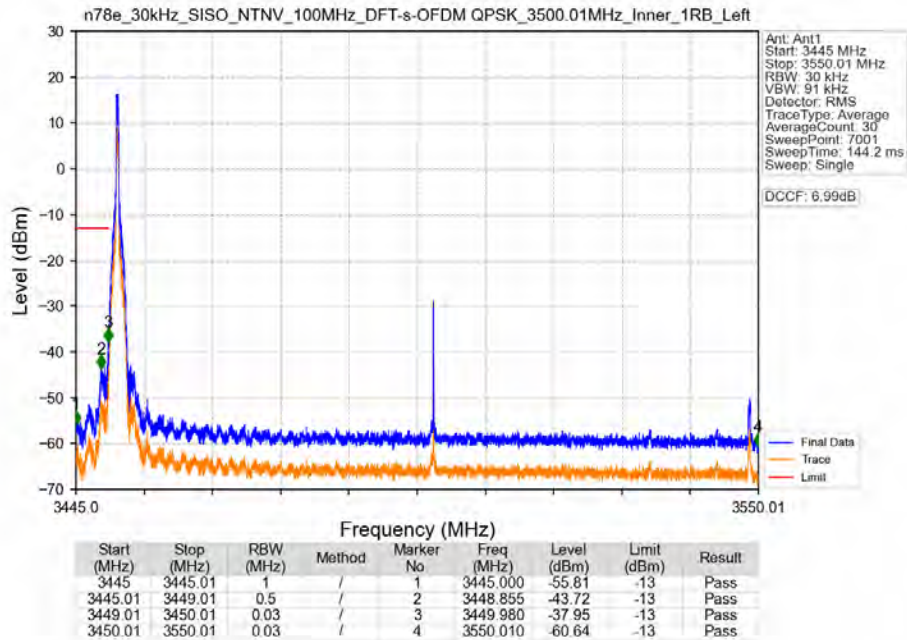
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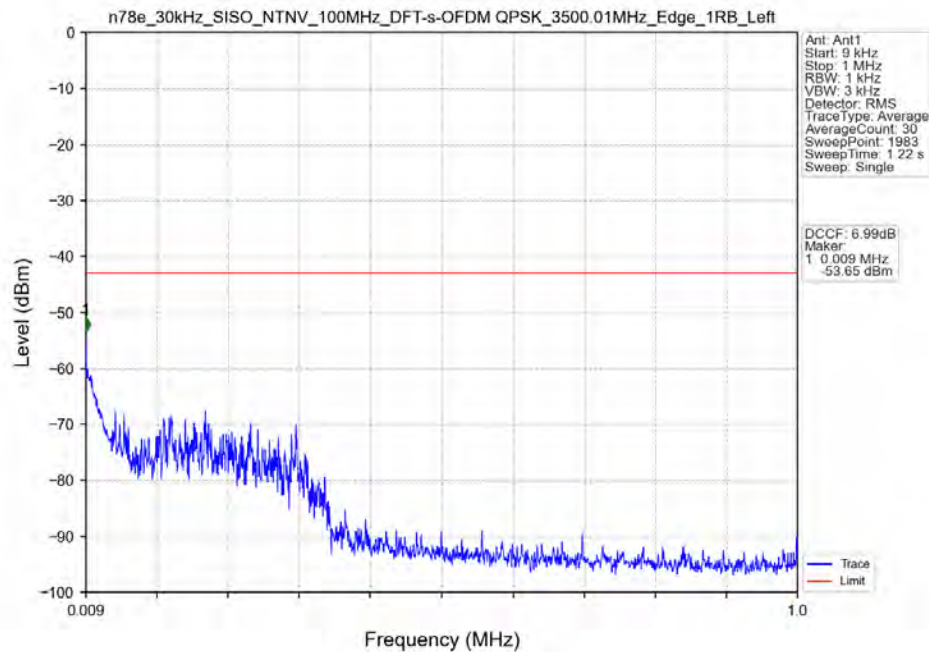


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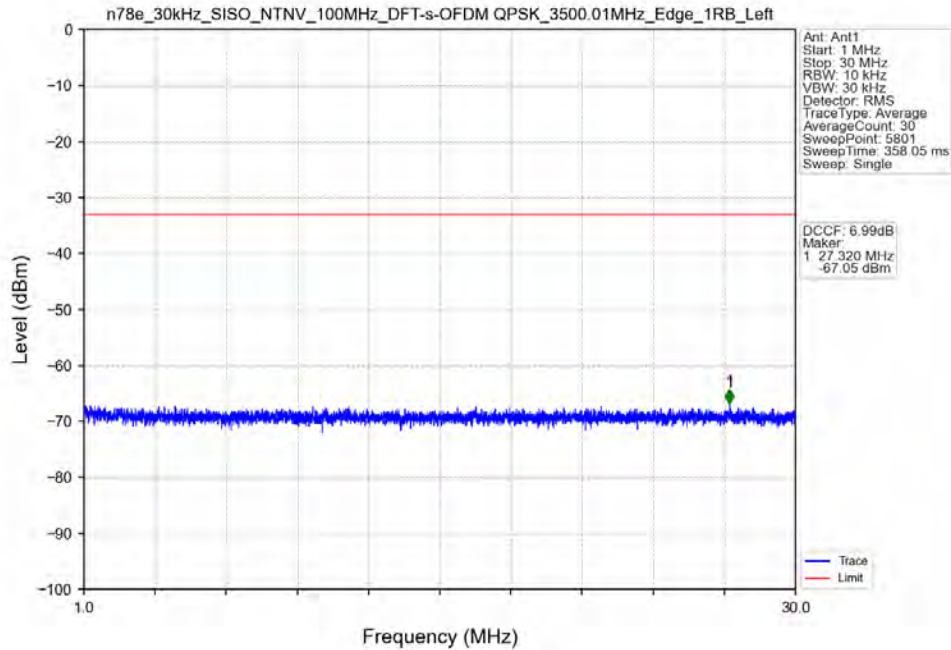
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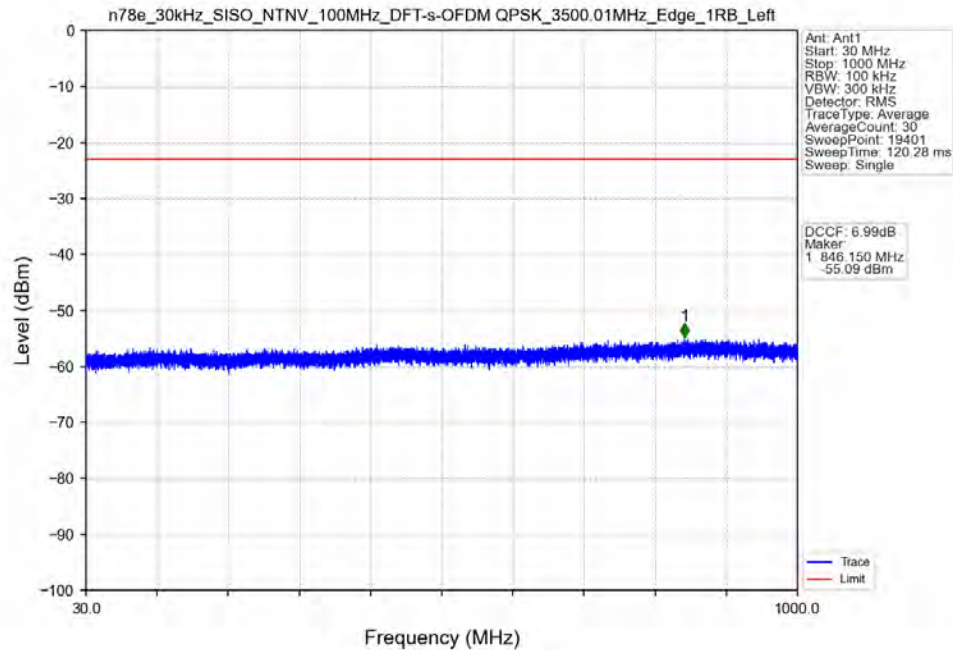


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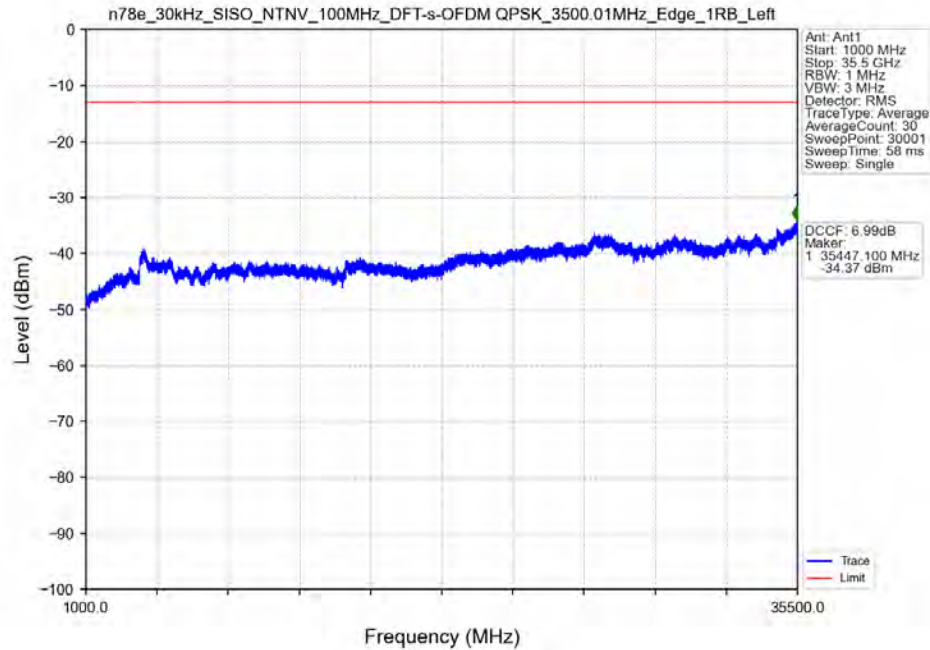
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n78e_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3499.98MHz_Edge_1RB_Right



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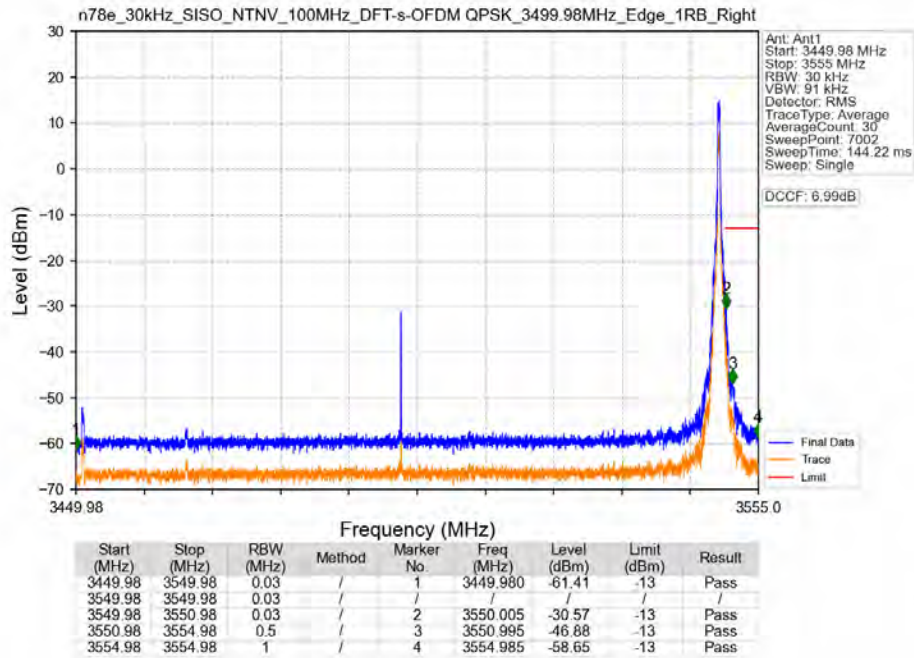


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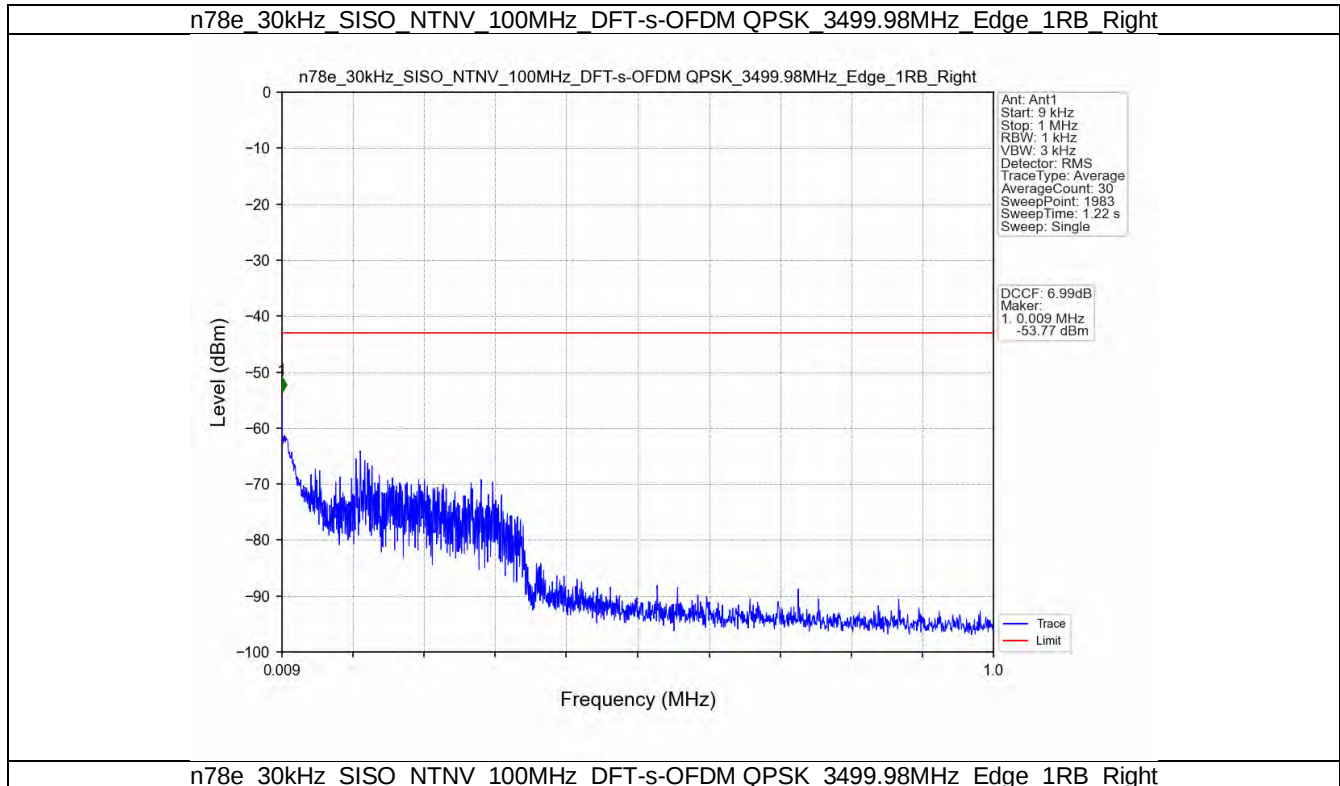


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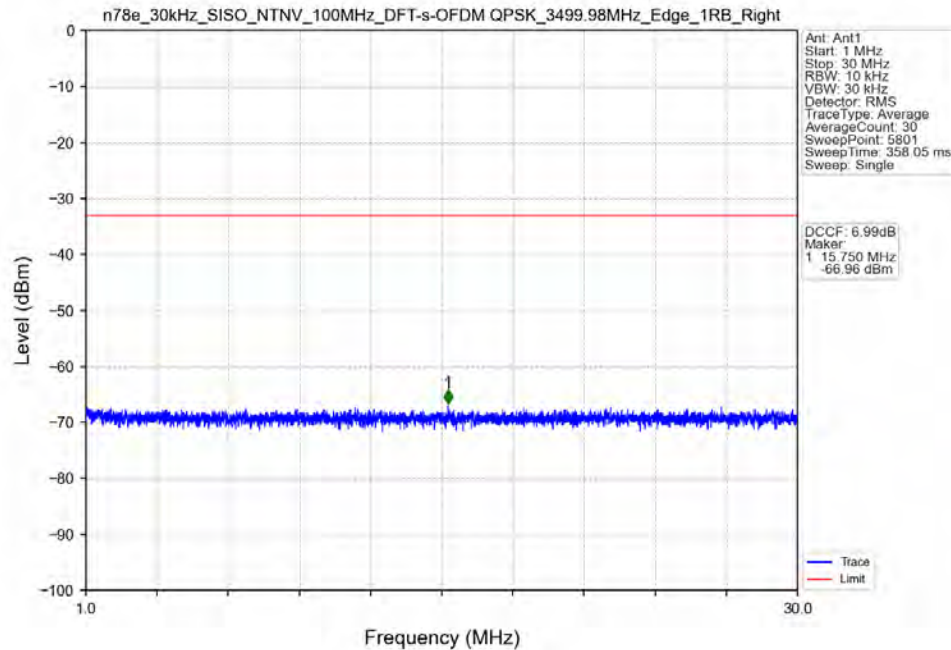


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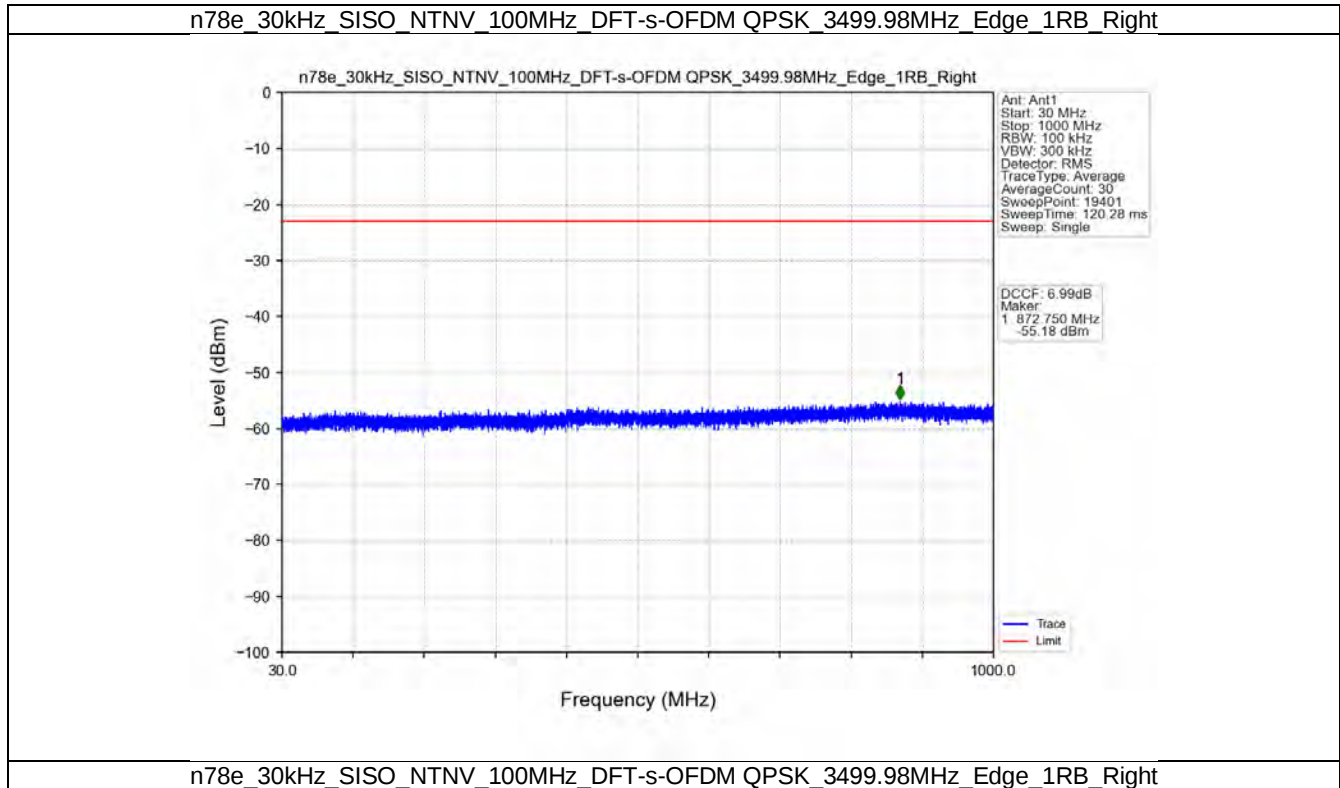


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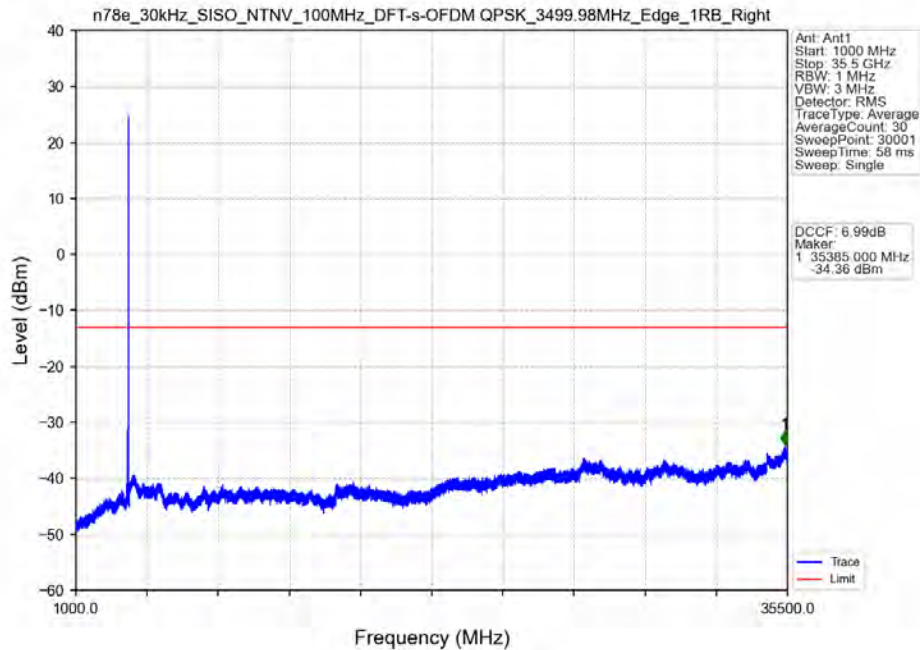


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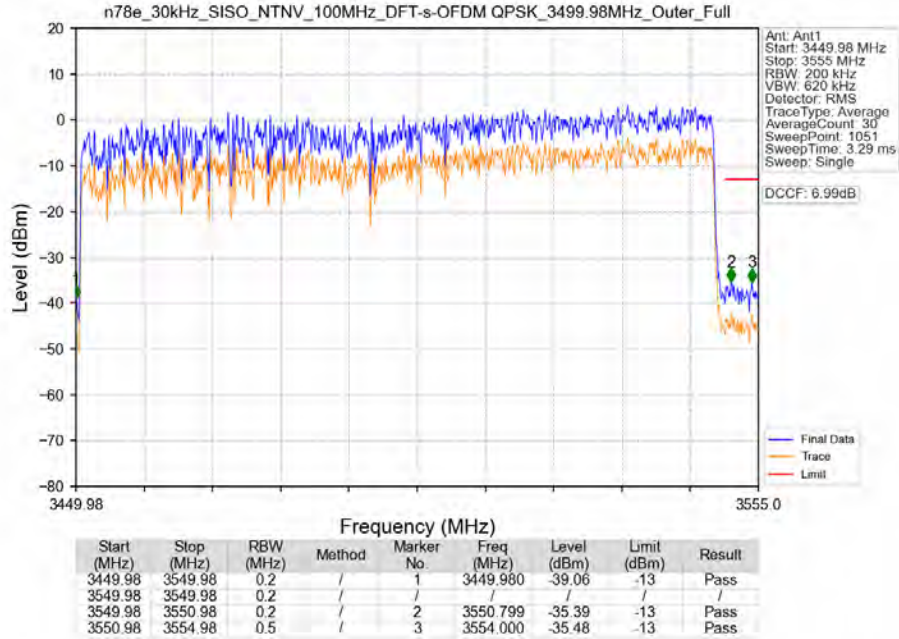
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n78e_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3499.98MHz_Inner_1RB_Right



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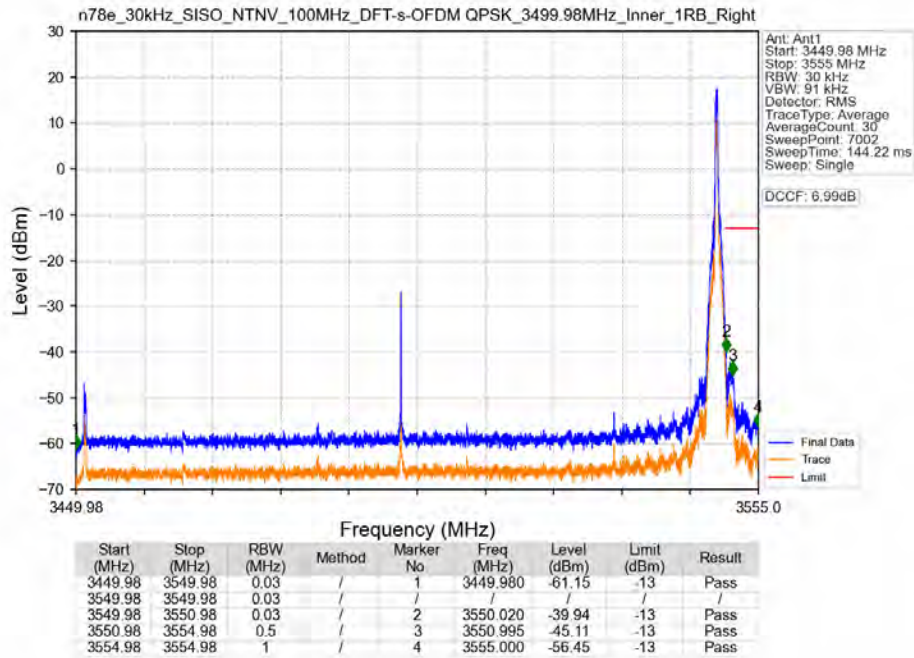


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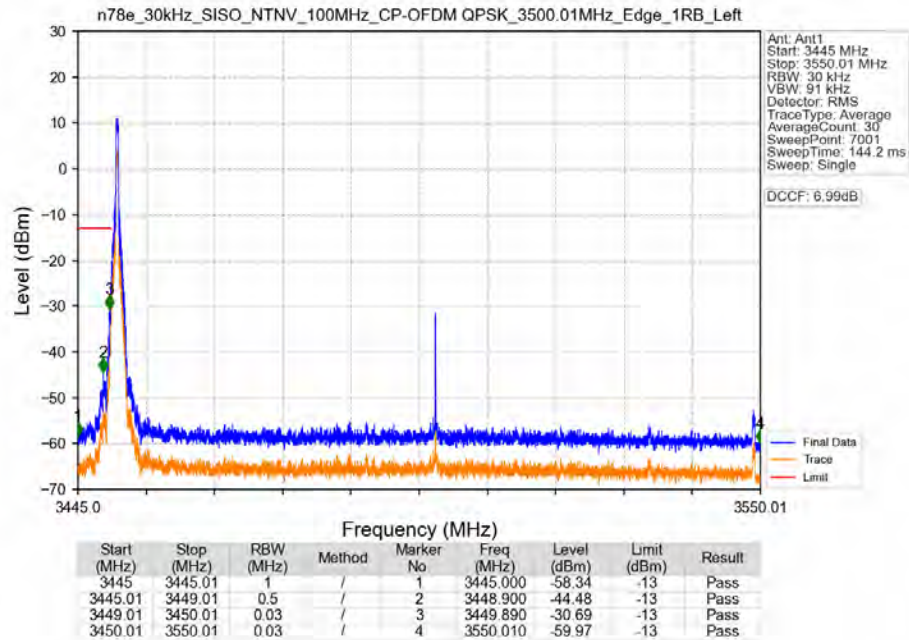
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n78e_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



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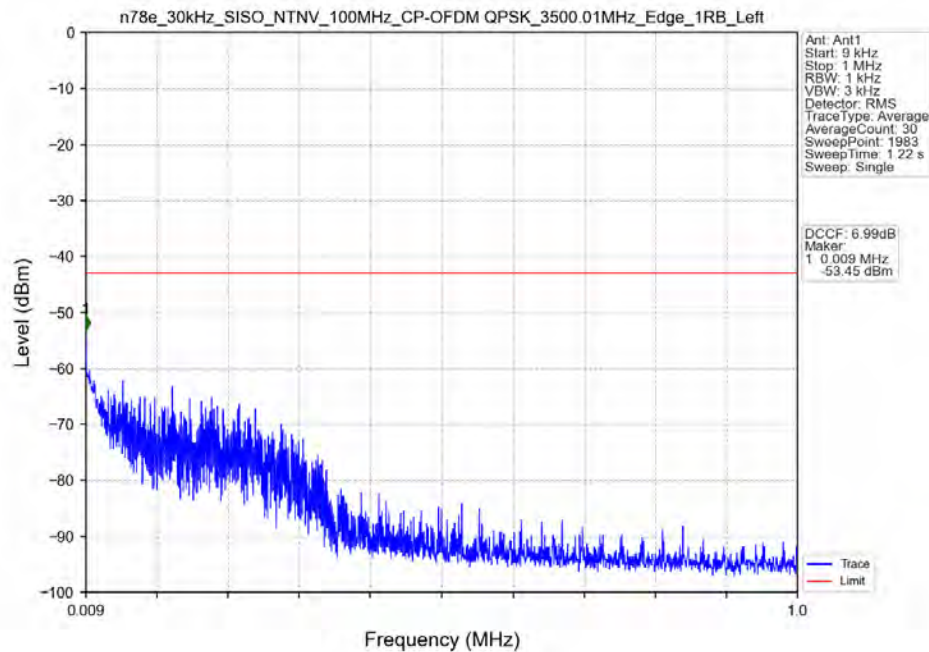


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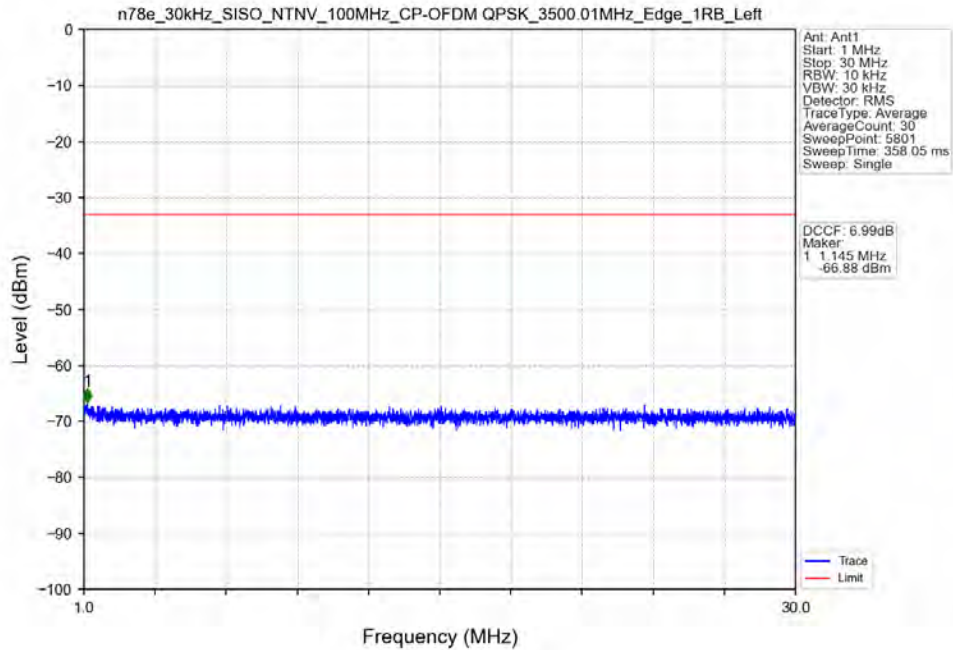
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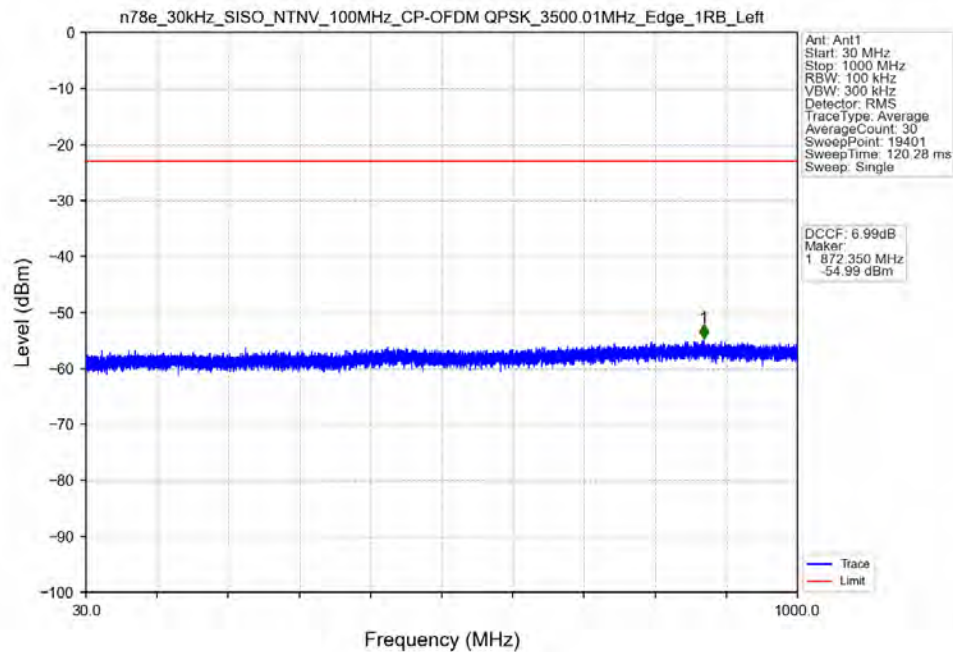


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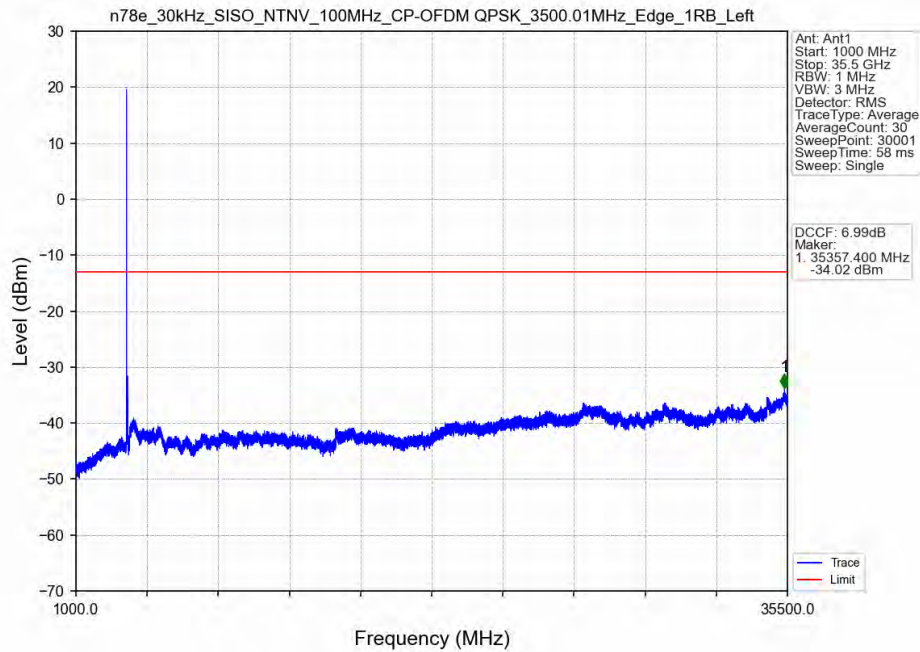
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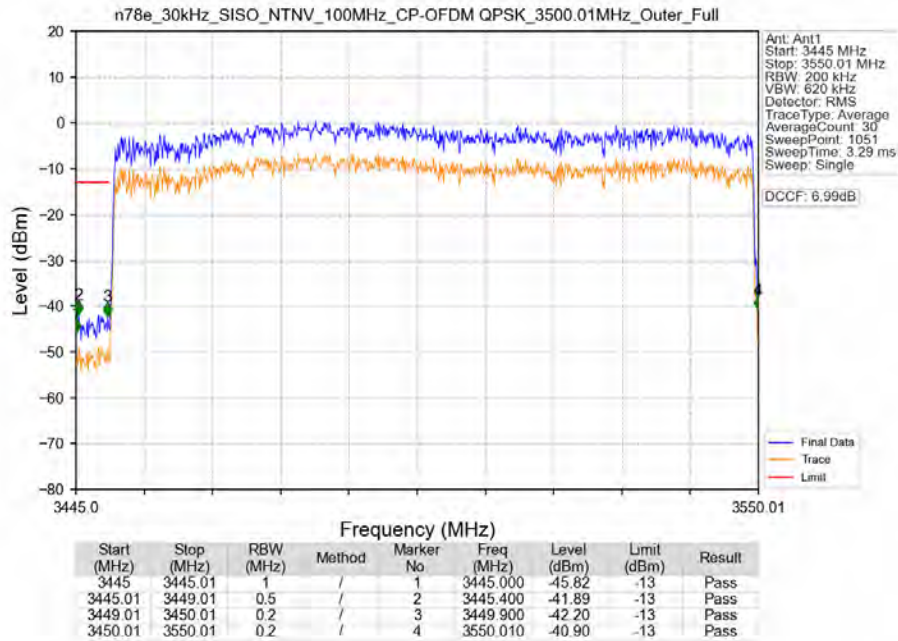


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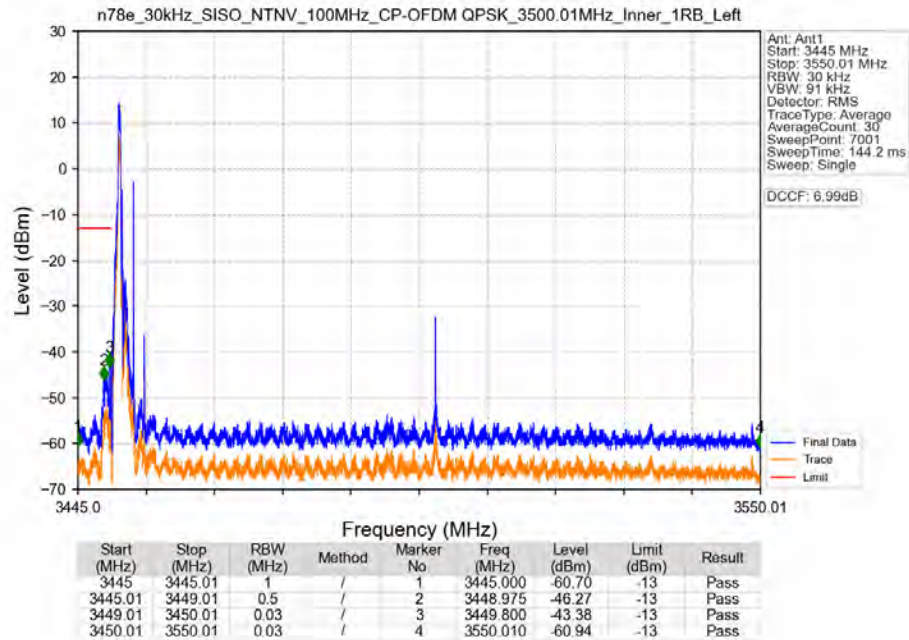
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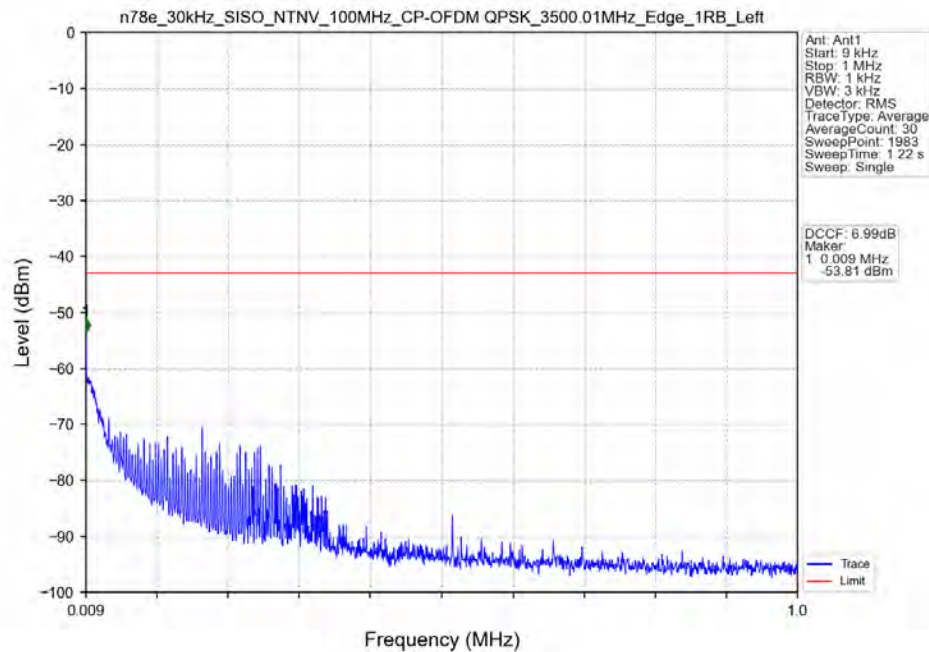


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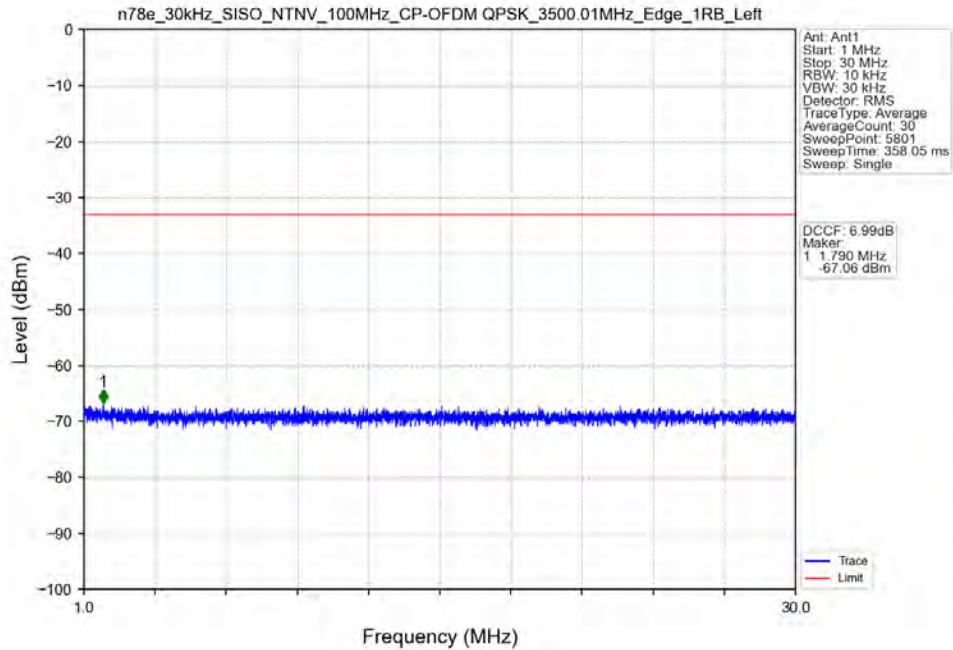
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n78e_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



n78e_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



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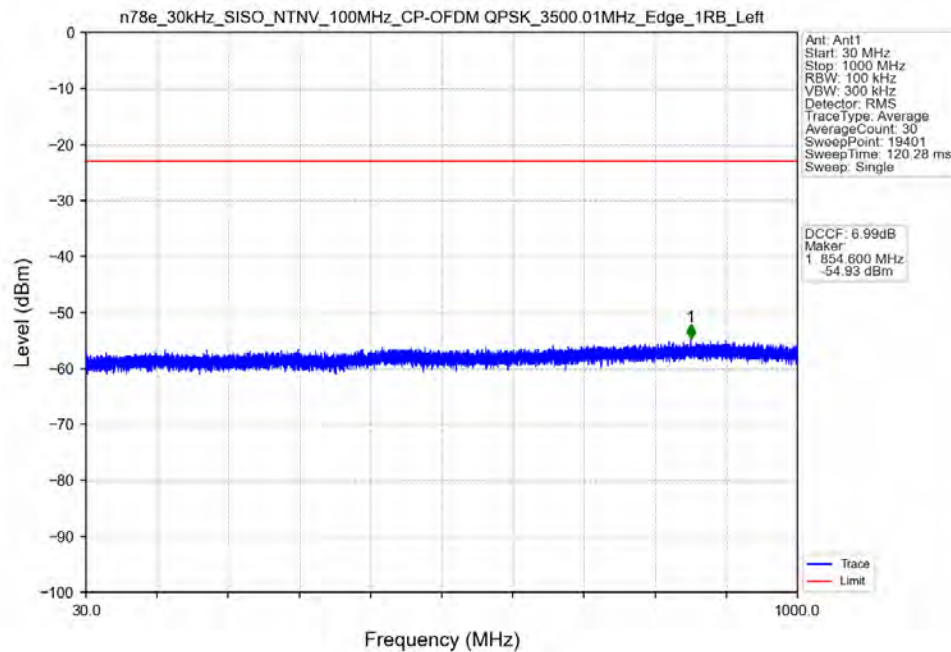


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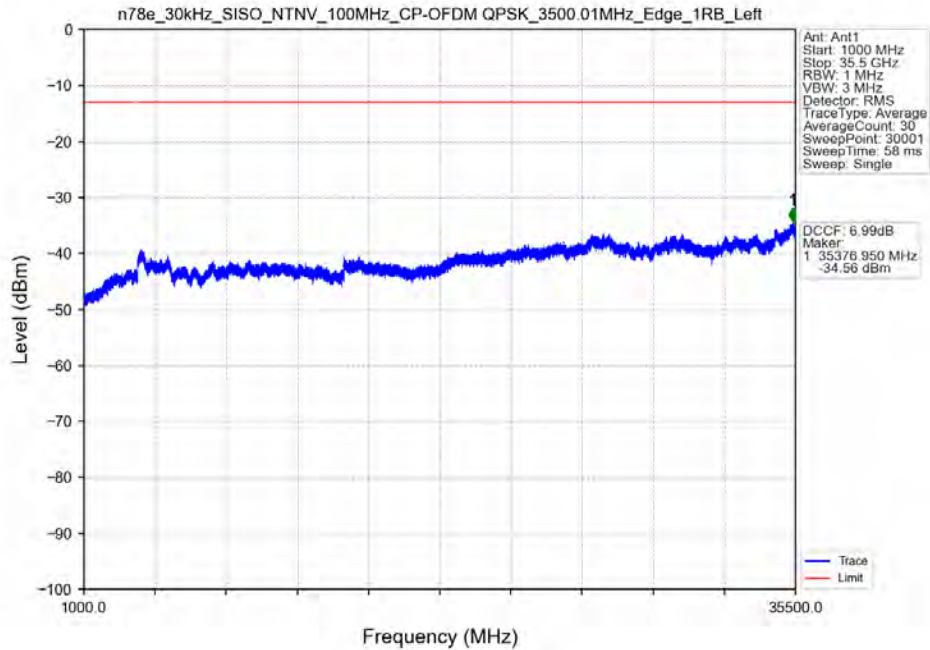
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n78e_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3499.98MHz_Edge_1RB_Right



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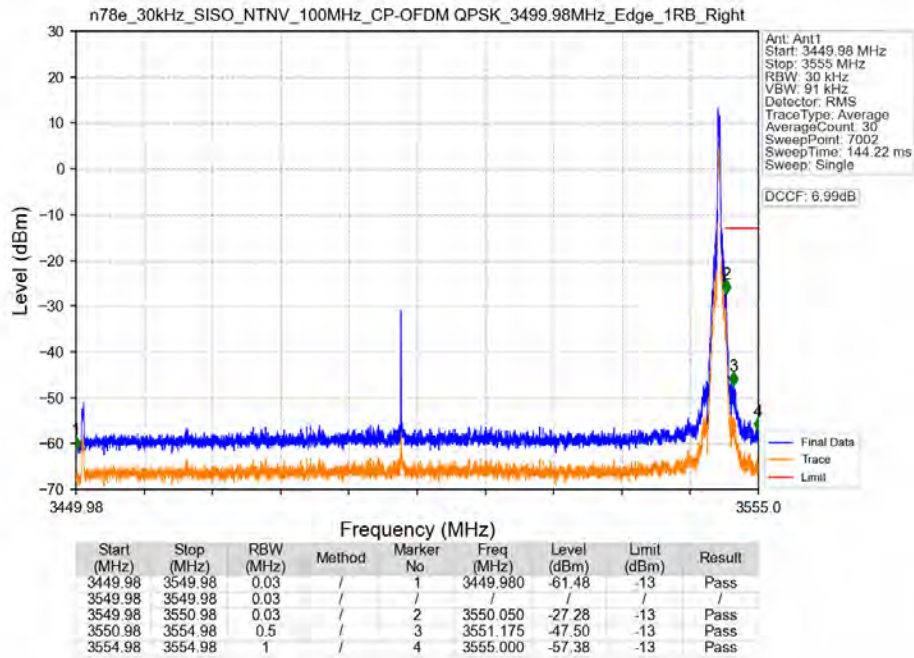


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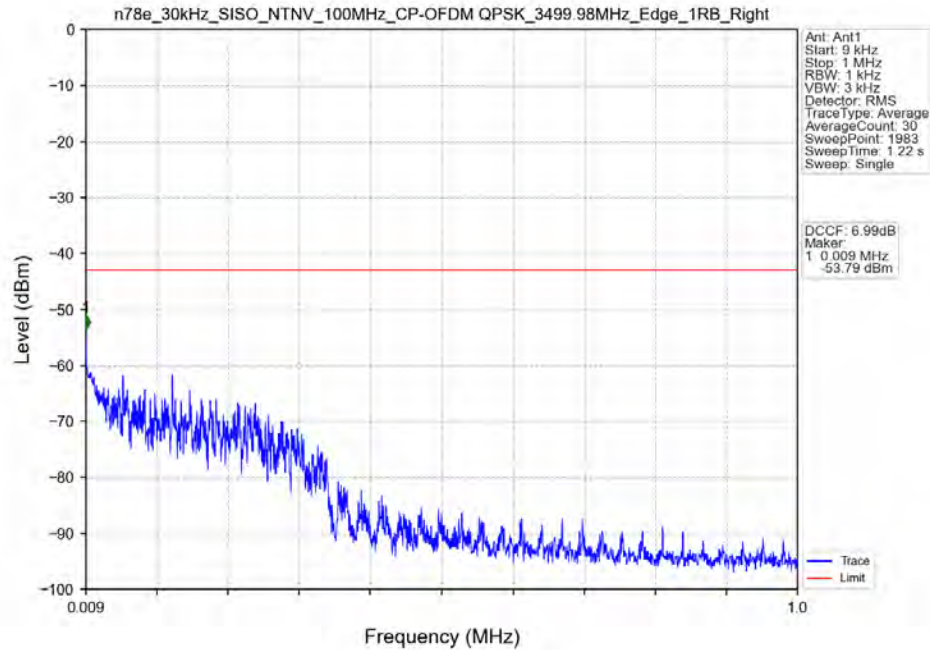
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n78e_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3499.98MHz_Edge_1RB_Right



n78e_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3499.98MHz_Edge_1RB_Right



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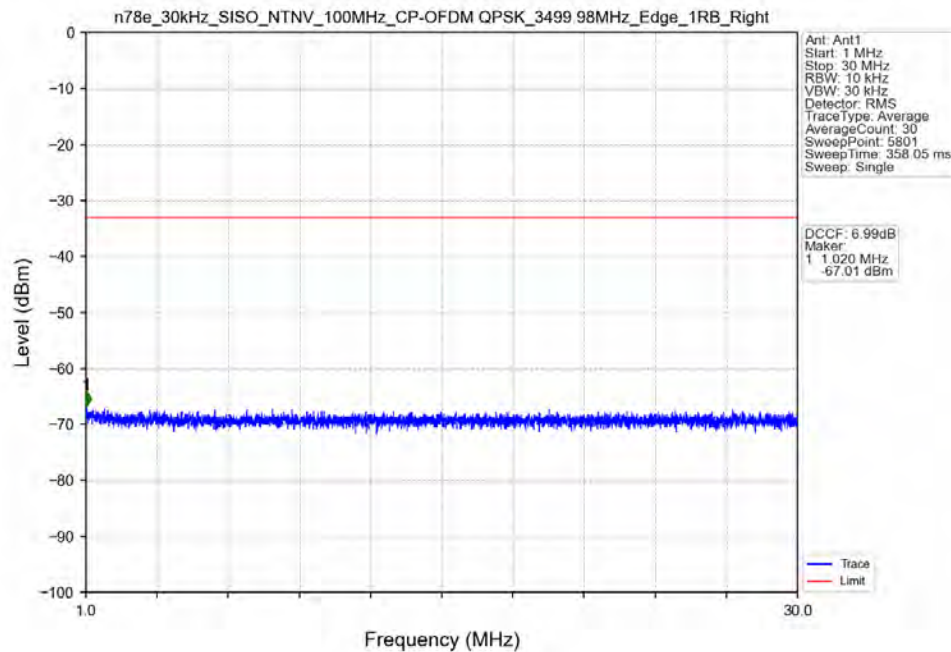


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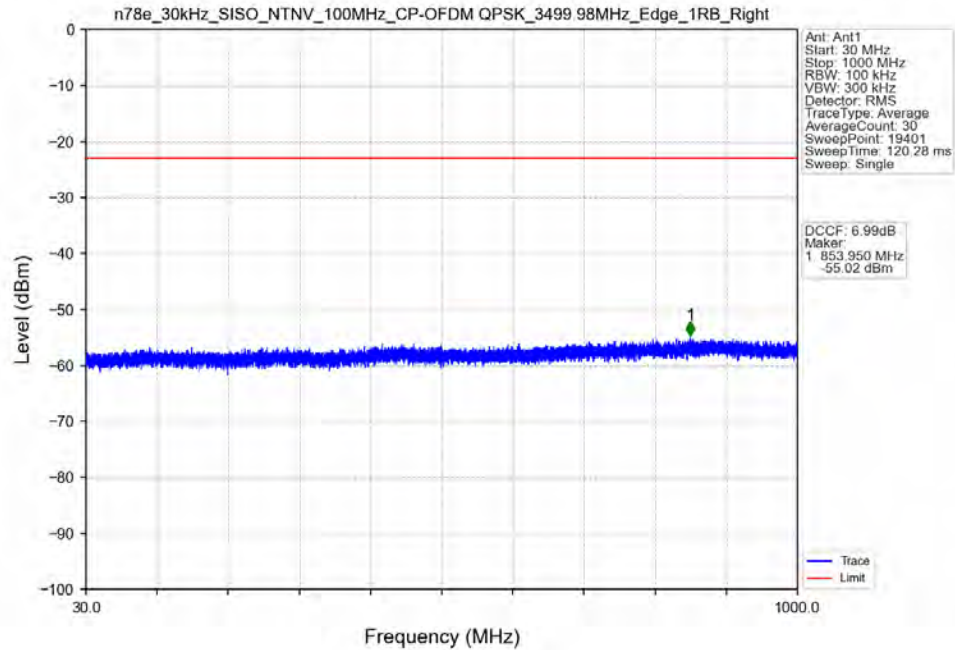
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n78e_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3499.98MHz_Edge_1RB_Right



n78e_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3499.98MHz_Edge_1RB_Right



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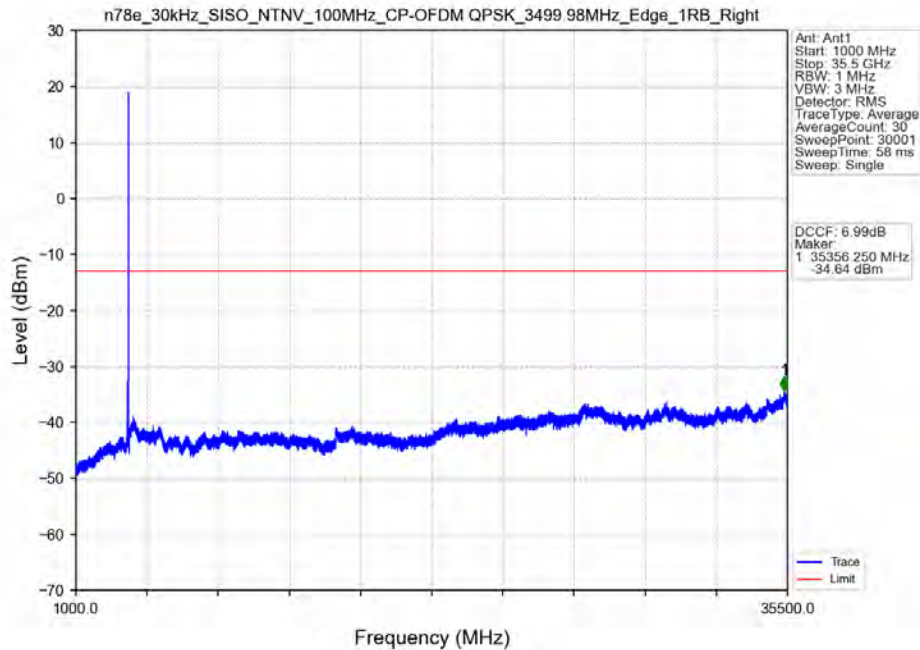


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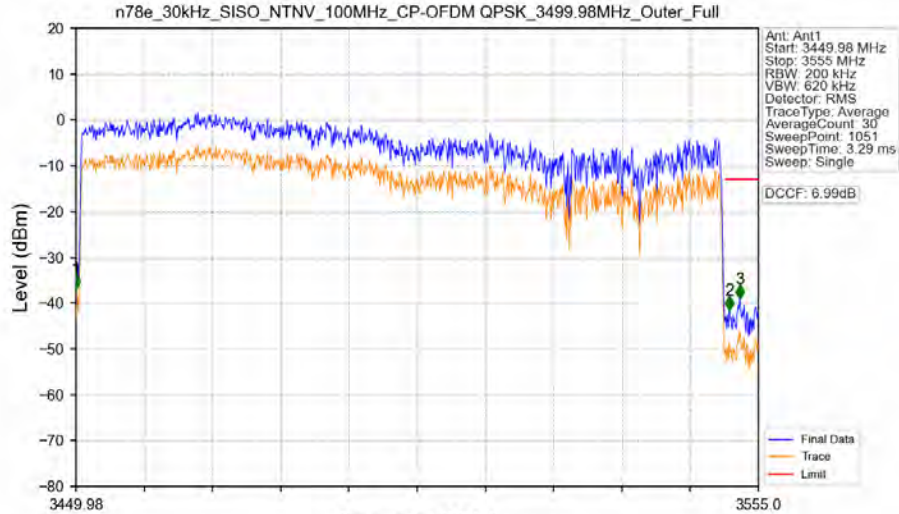
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n78e_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3499.98MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3449.98	3549.98	0.2	/	1	3449.980	-36.77	-13	Pass
3549.98	3549.98	0.2	/	/	/	/	/	/
3549.98	3550.98	0.2	/	2	3550.499	-41.57	-13	Pass
3550.98	3554.98	0.5	/	3	3552.099	-39.03	-13	Pass

n78e_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3499.98MHz_Inner_1RB_Right



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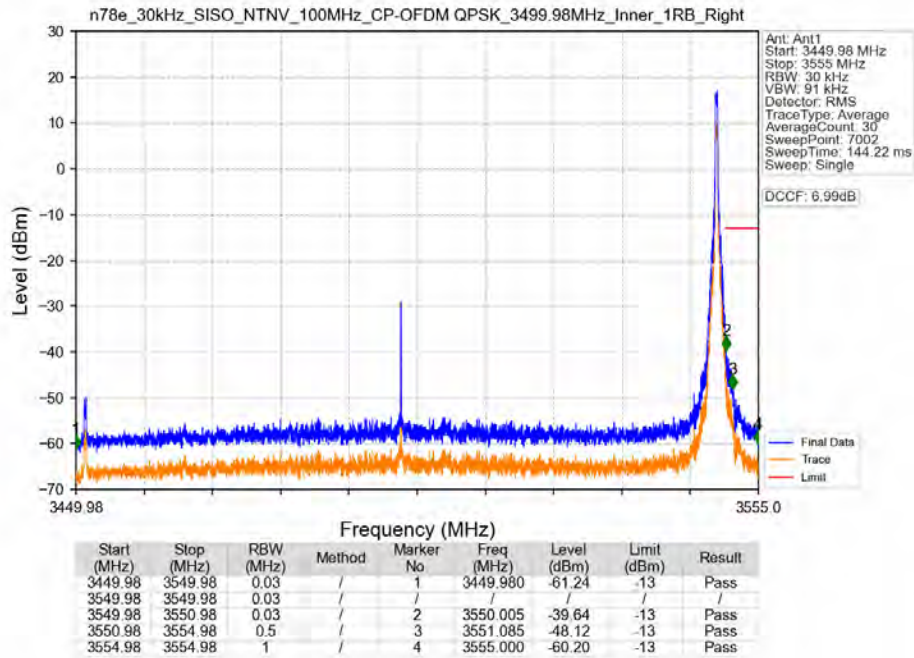


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5.10 30k_MIMO_20MHz_NTNV

5.10.1 Test Result

5G NR n78e SCS=30kHz MIMO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant4	Sum	Limit	
CP-OFDM QPSK	3460.02	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
	3540	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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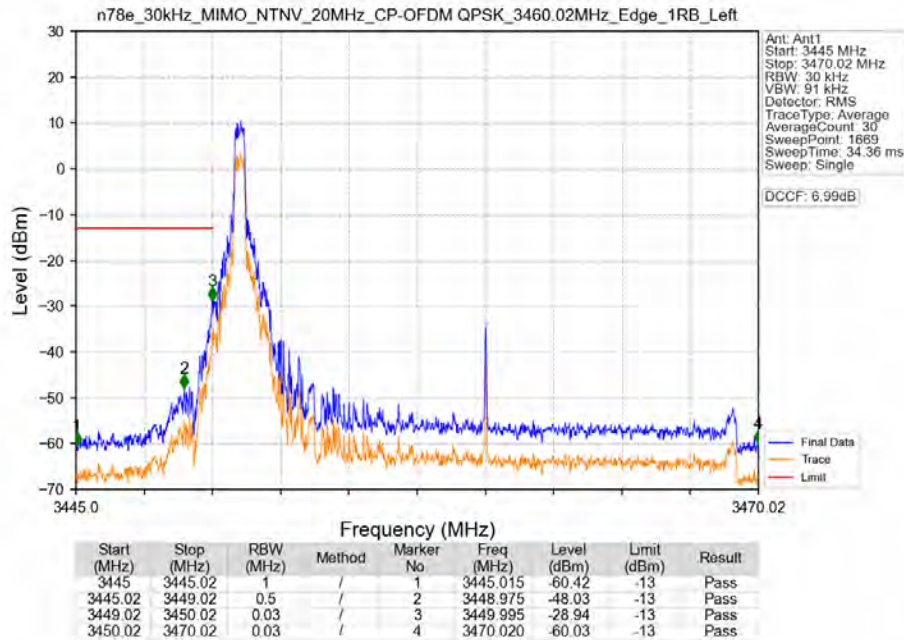
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5.10.2 Test Graph

n78e 30kHz MIMO NTN 20MHz CP-OFDM QPSK 3460.02MHz Edge 1RB Left



n78e 30kHz MIMO NTN 20MHz CP-OFDM QPSK 3460.02MHz Edge 1RB Left



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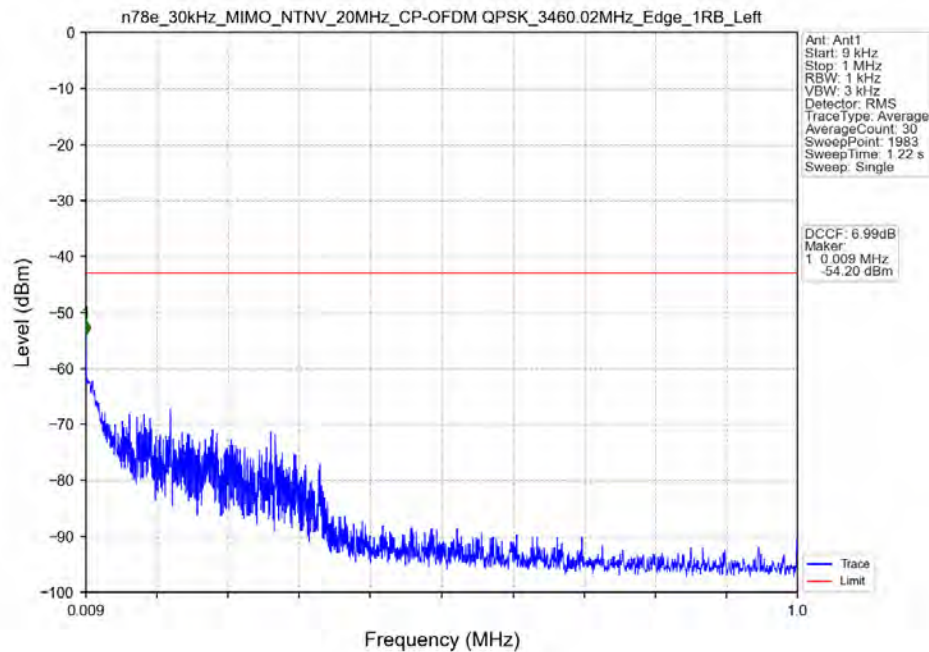


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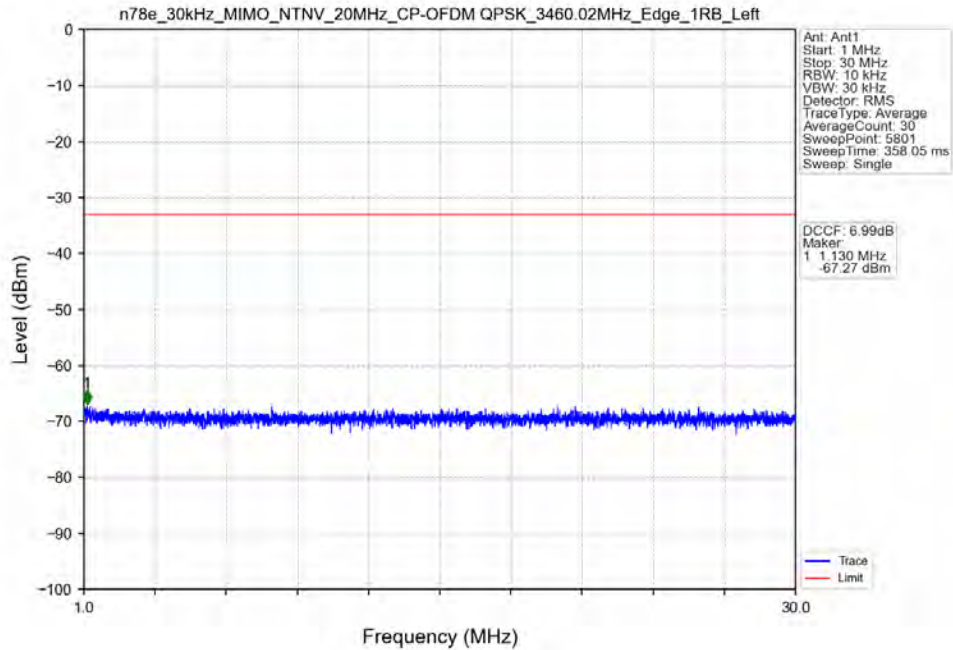
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n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3460.02MHz_Edge_1RB_Left



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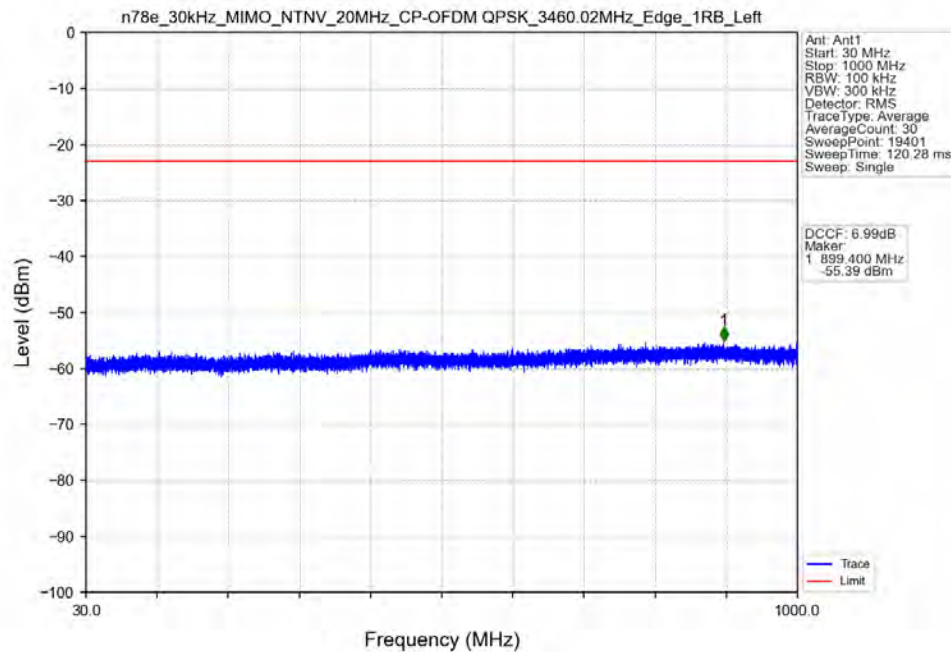


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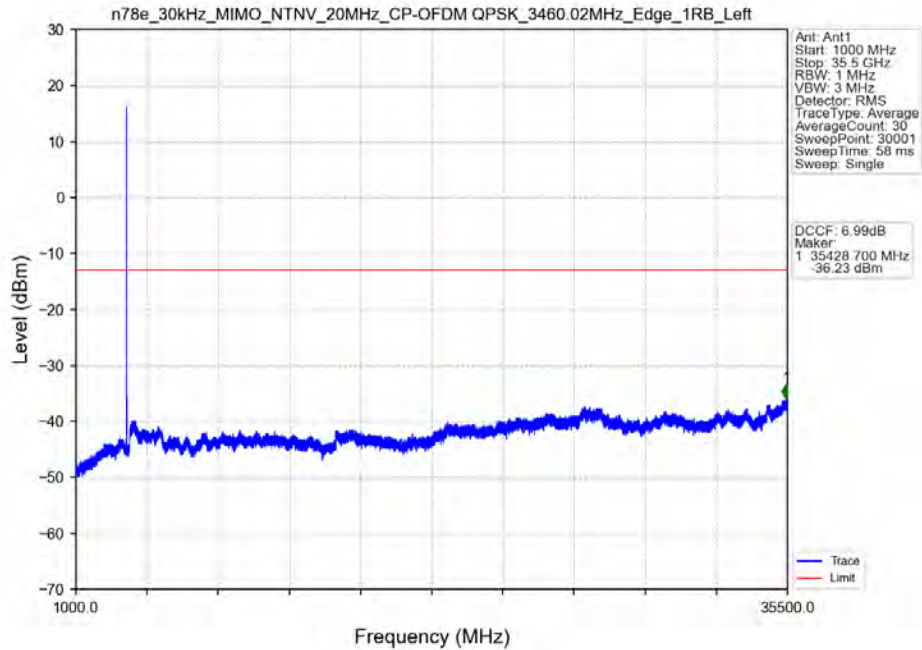
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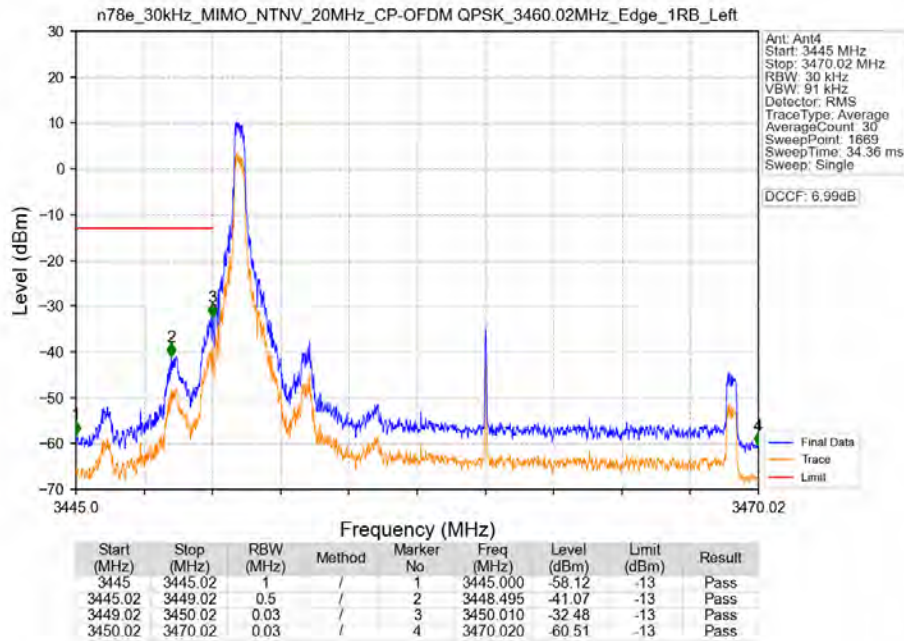


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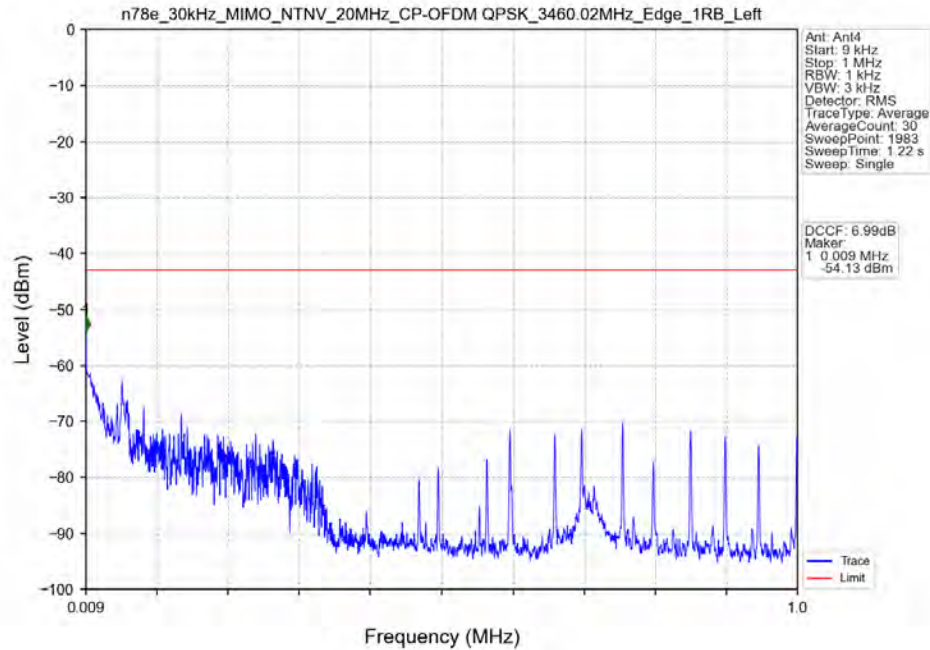
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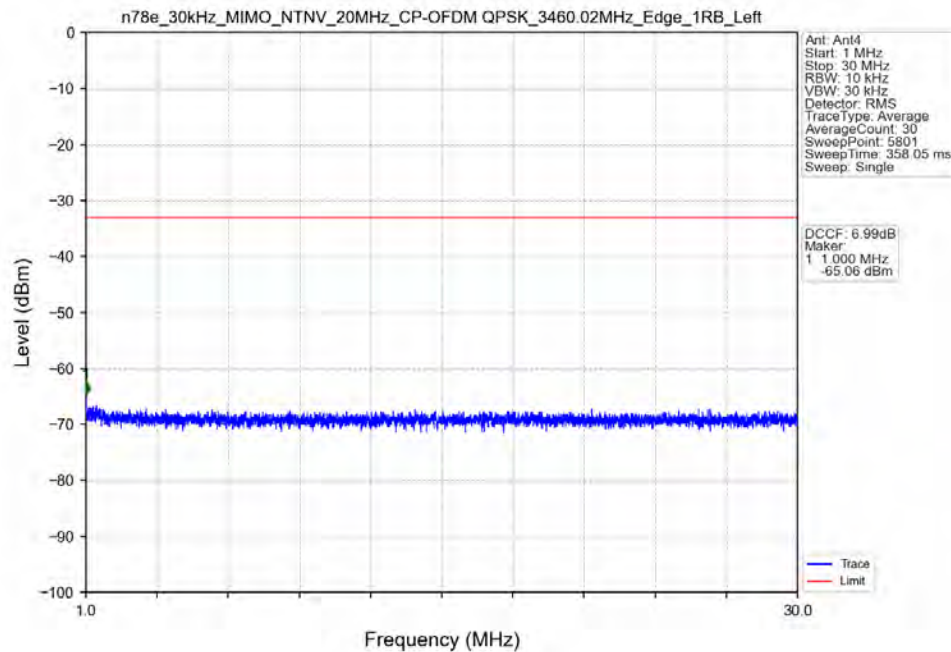


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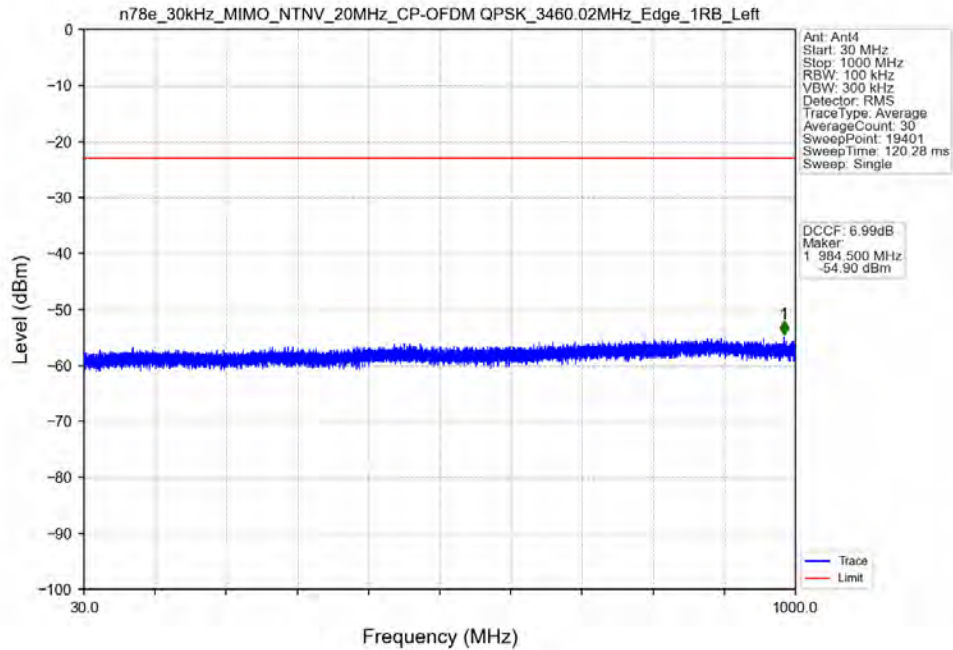
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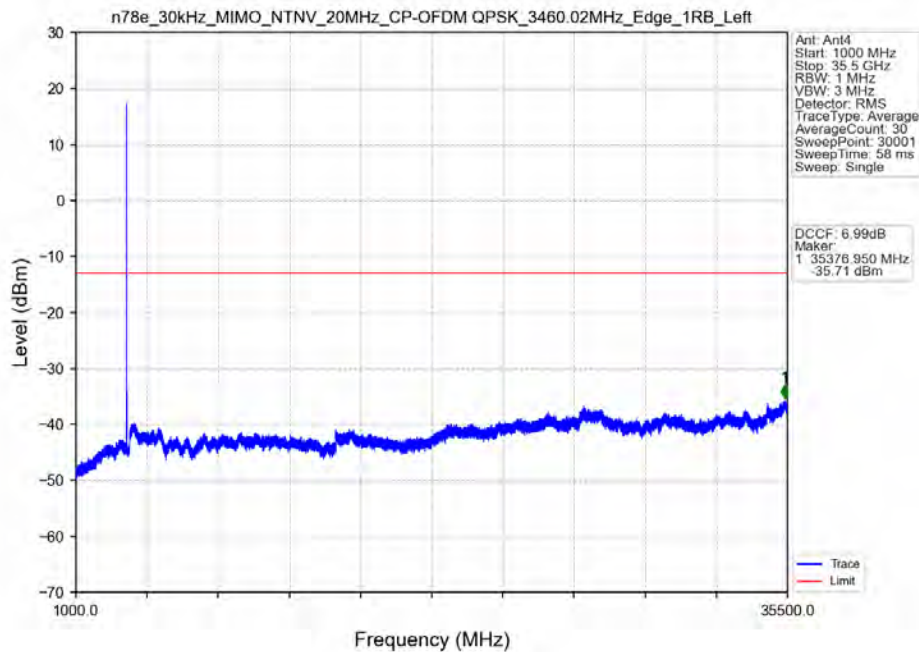


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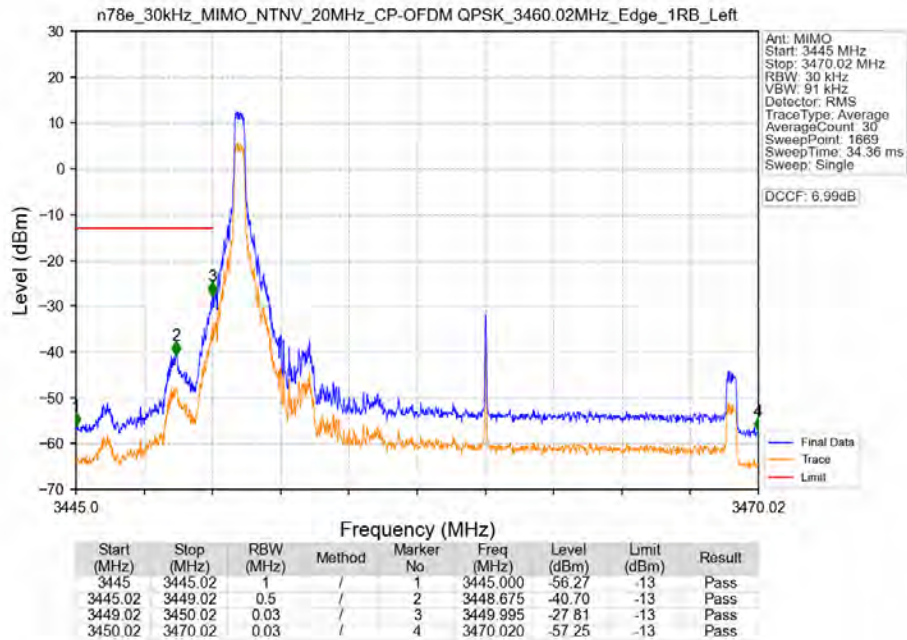
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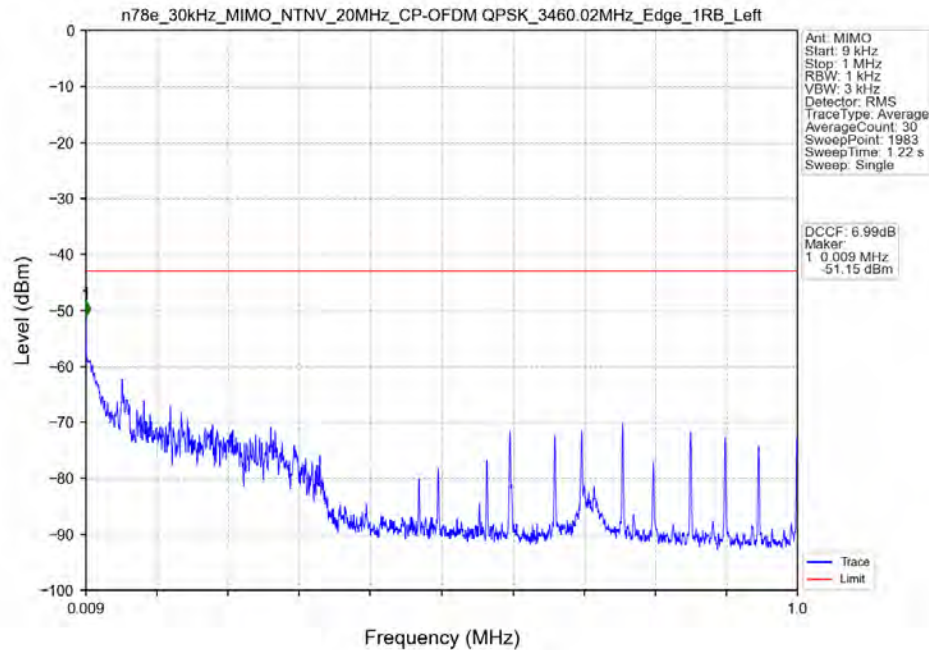


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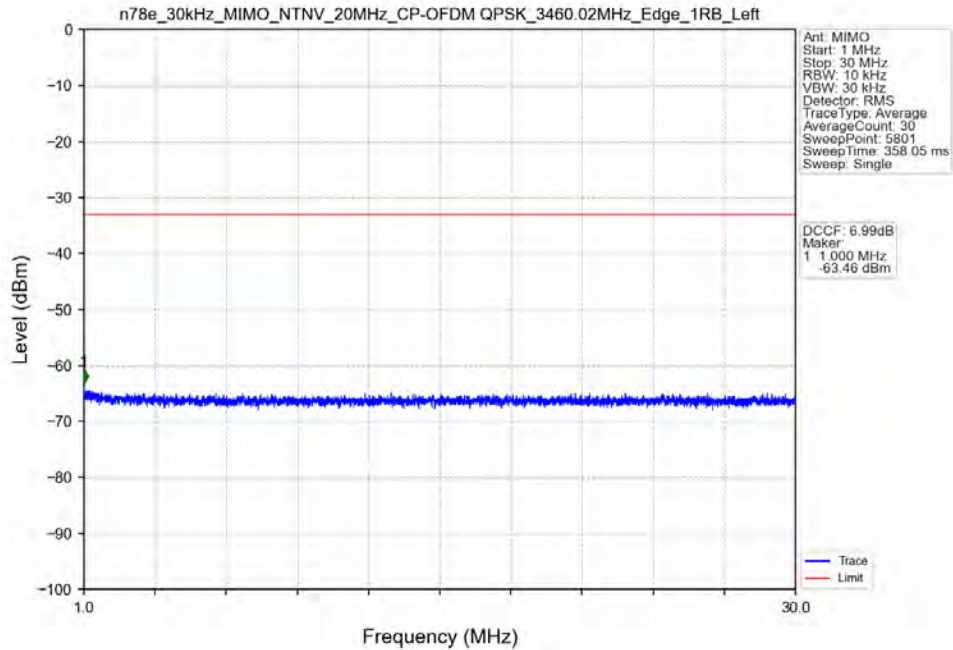
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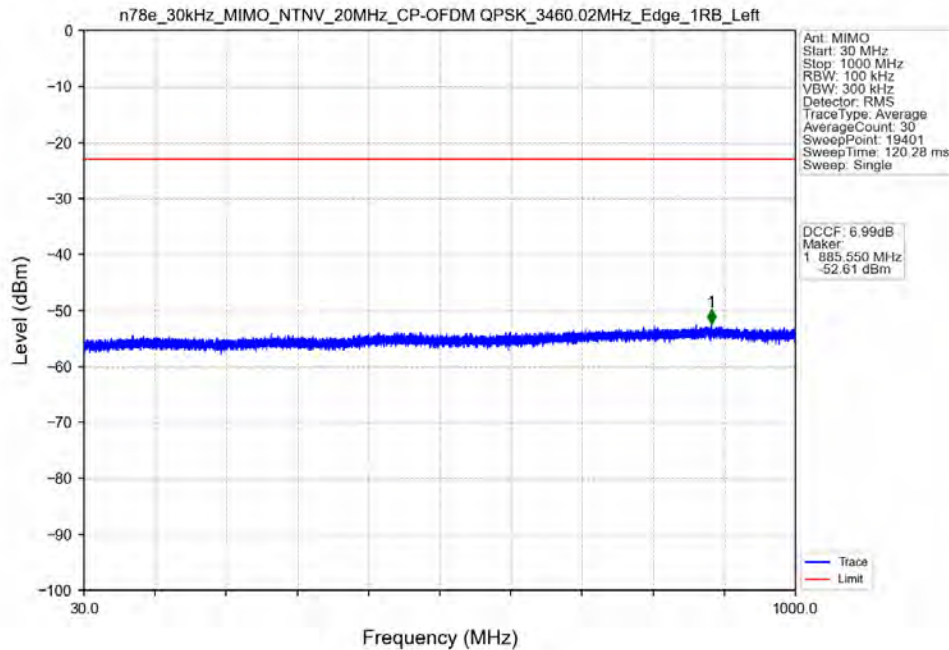


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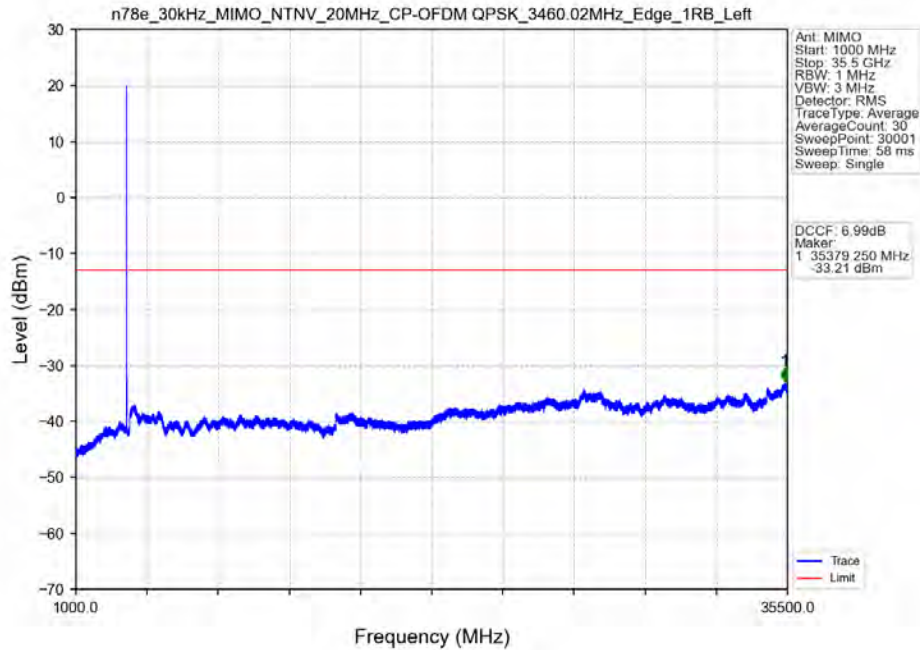
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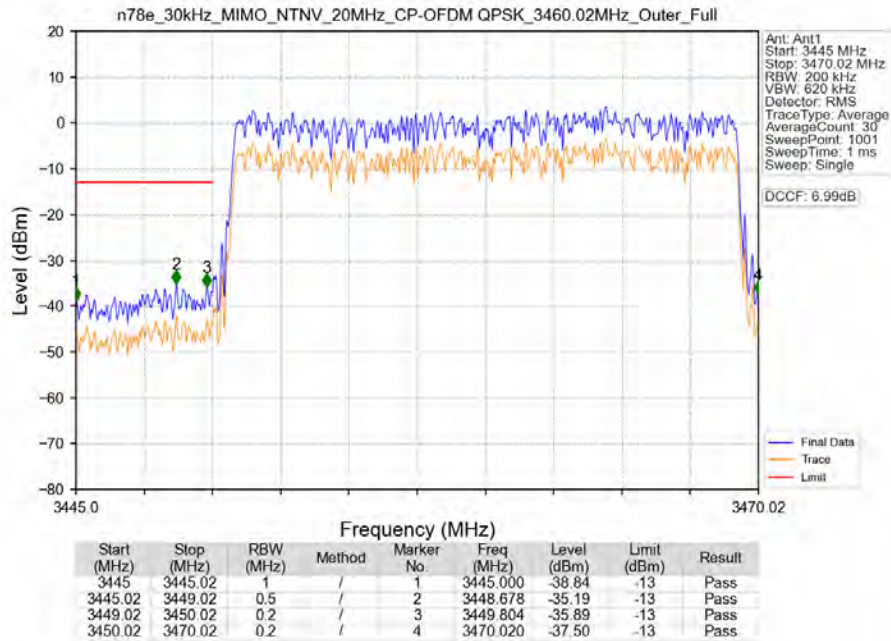


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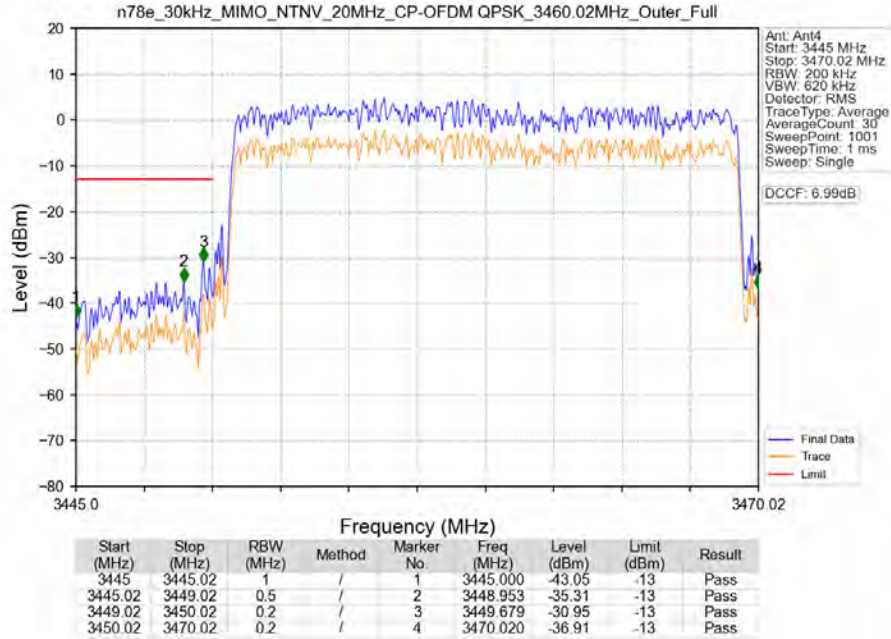
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n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3460.02MHz_Outer_Full



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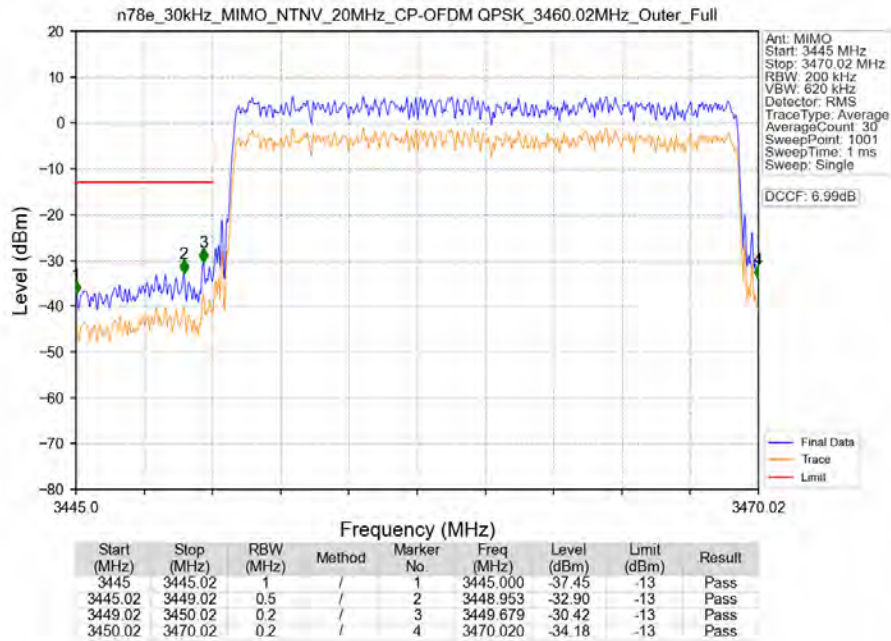


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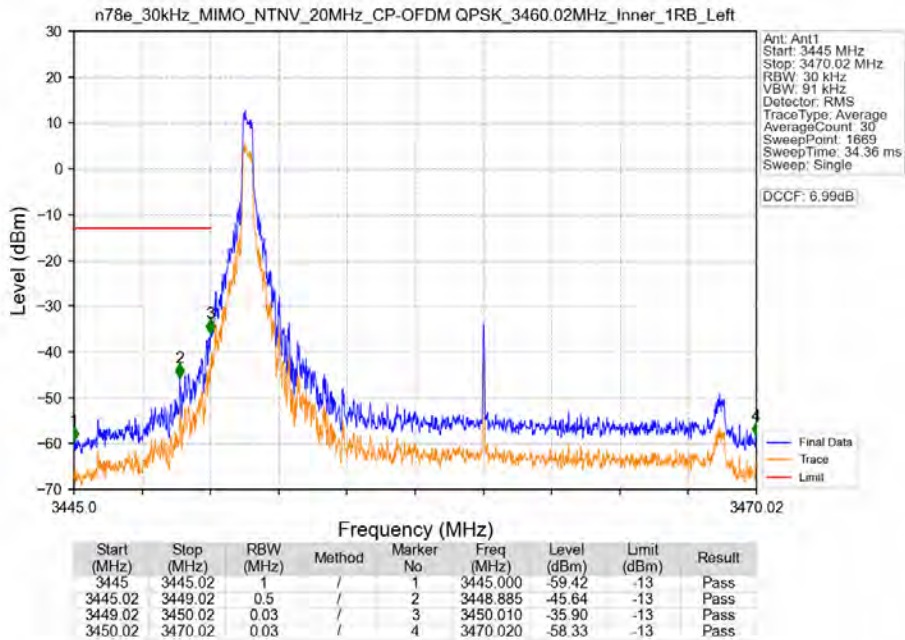
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n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3460.02MHz_Inner_1RB_Left



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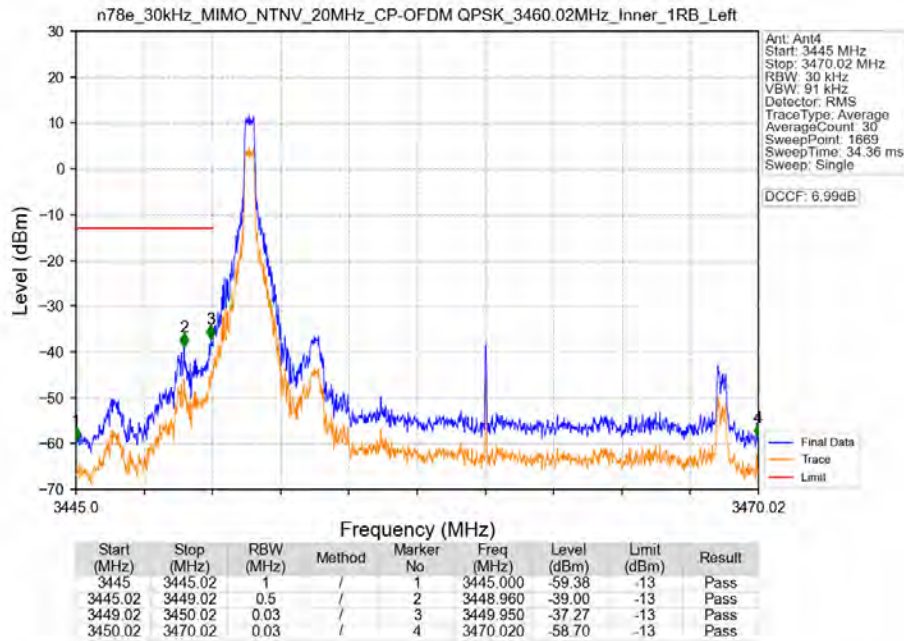


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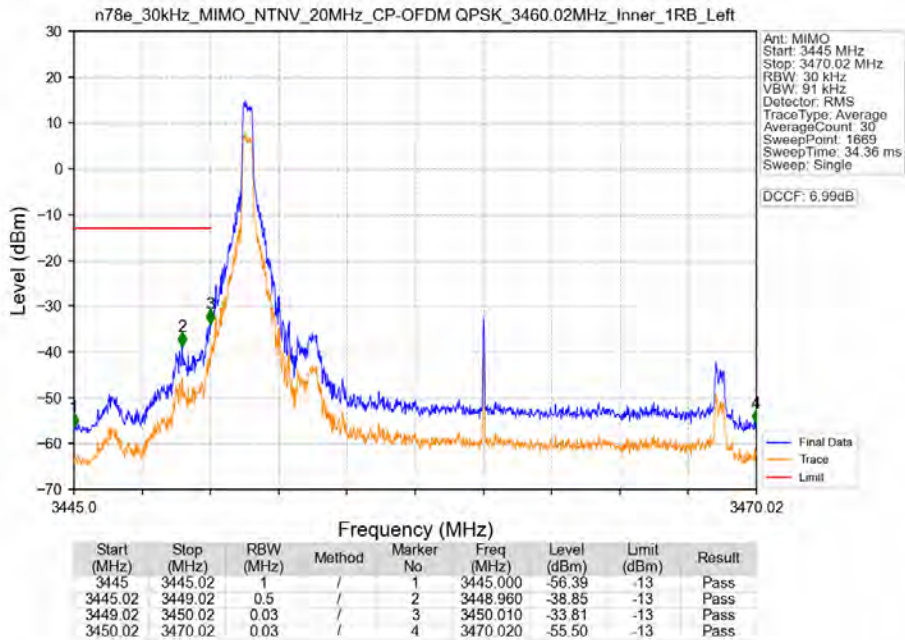
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n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3540MHz_Edge_1RB_Right



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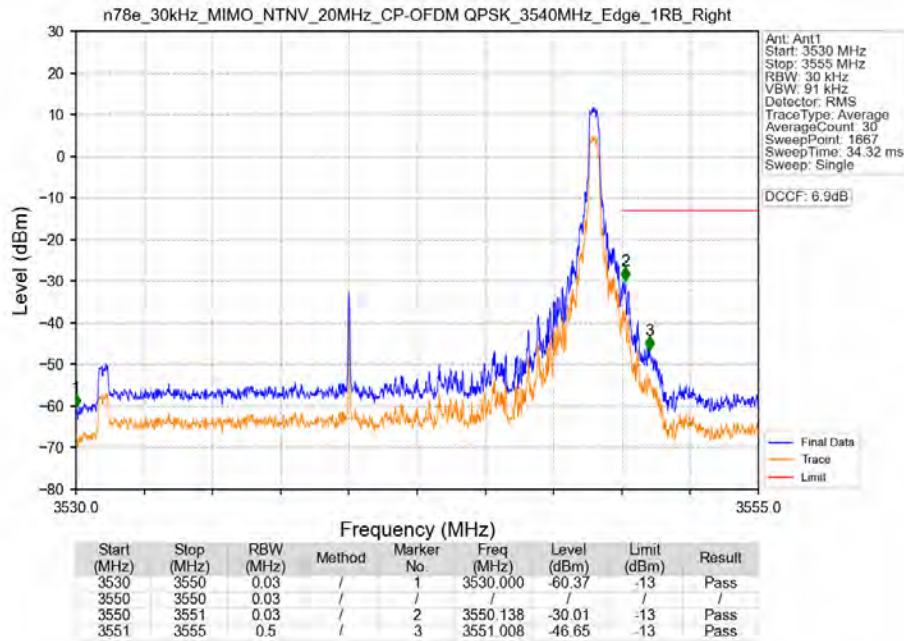


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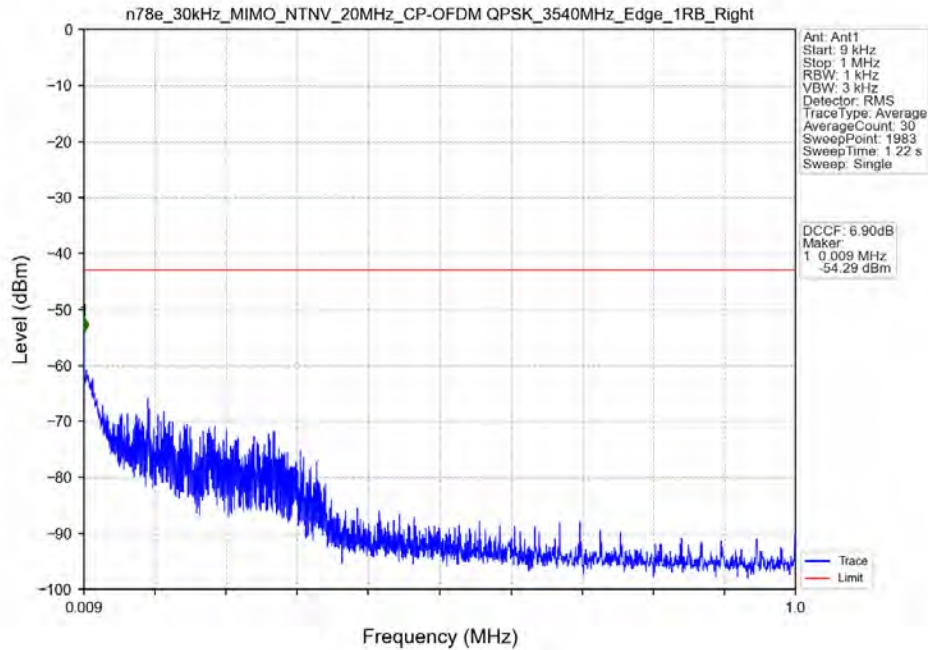
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n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3540MHz_Edge_1RB_Right



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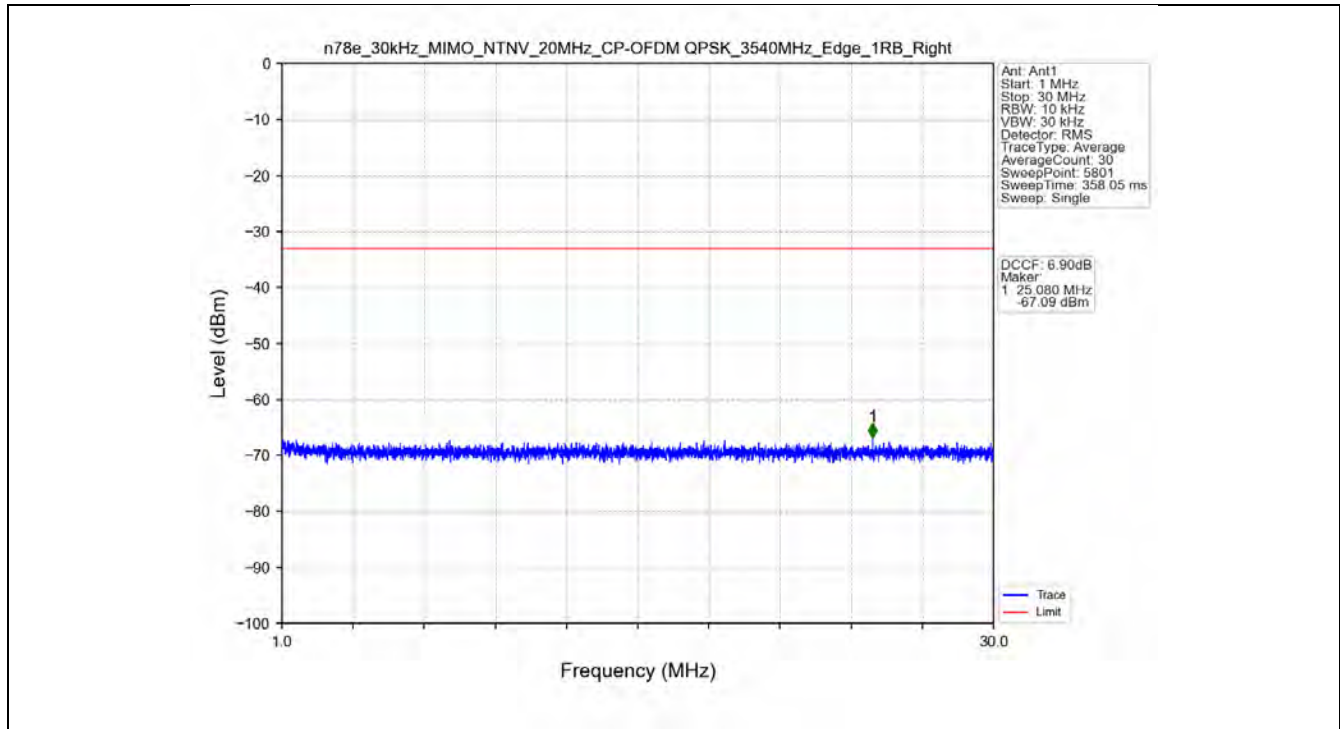


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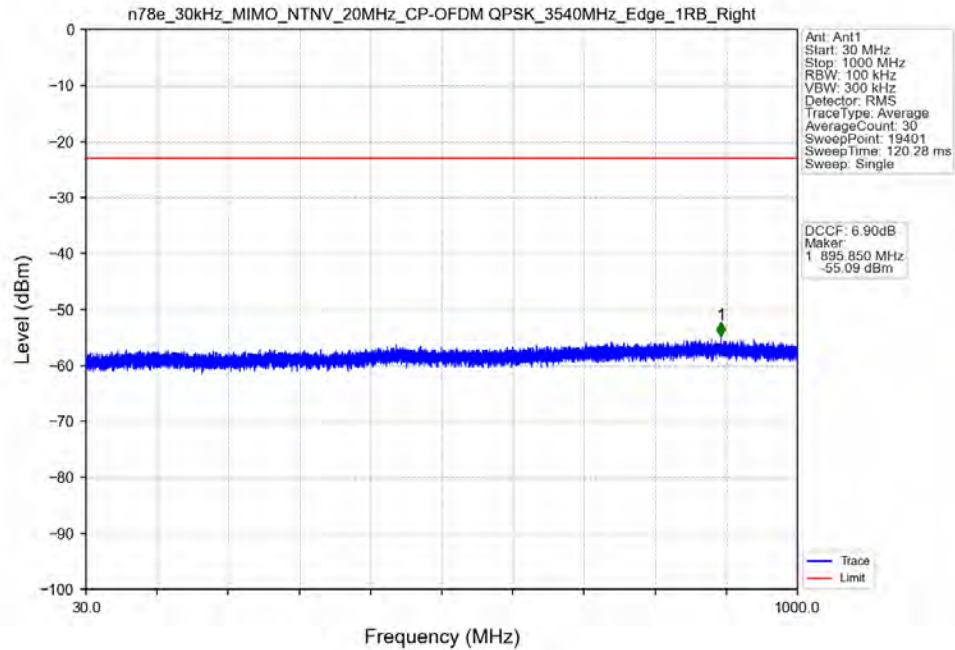
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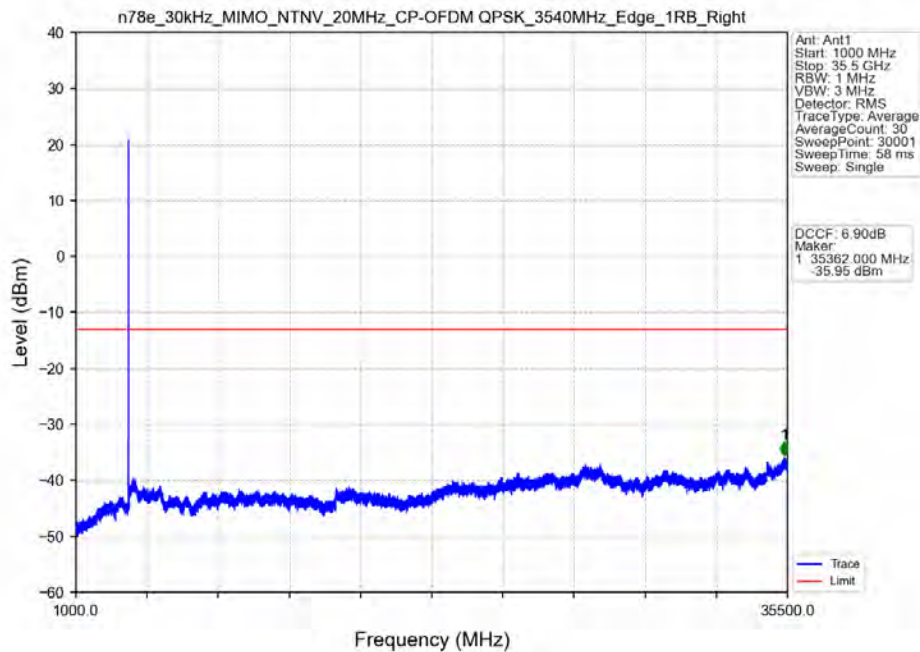


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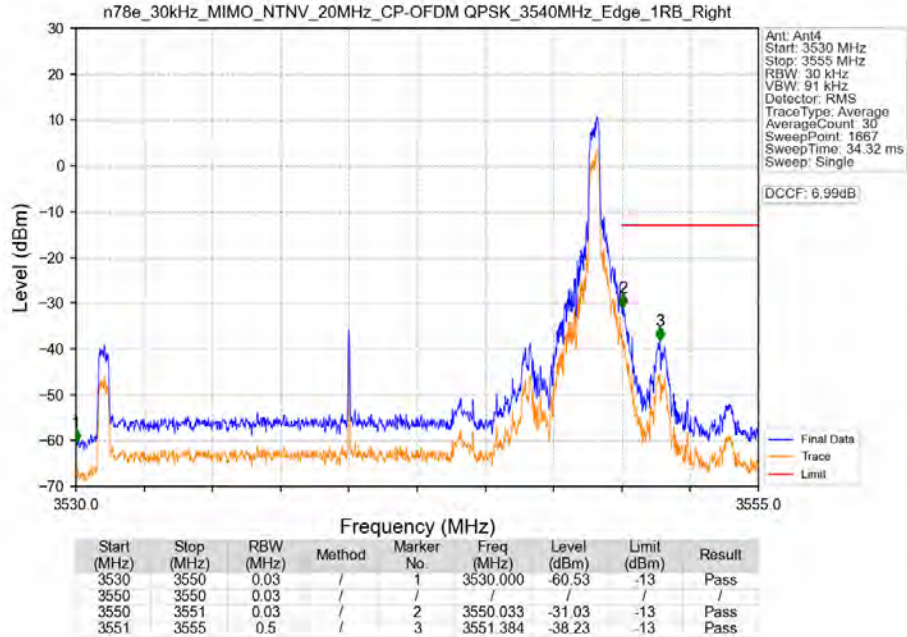
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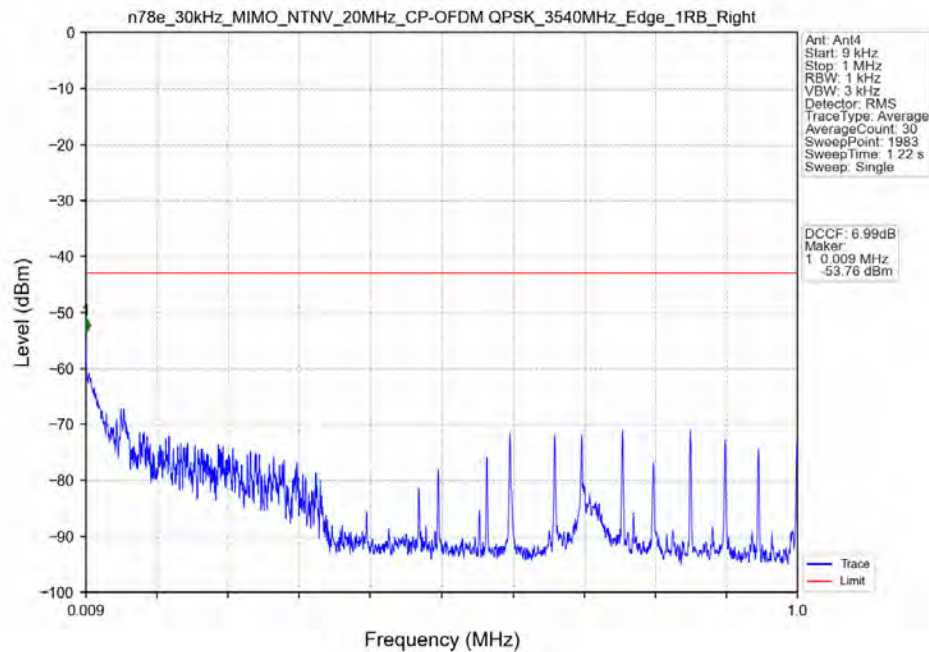


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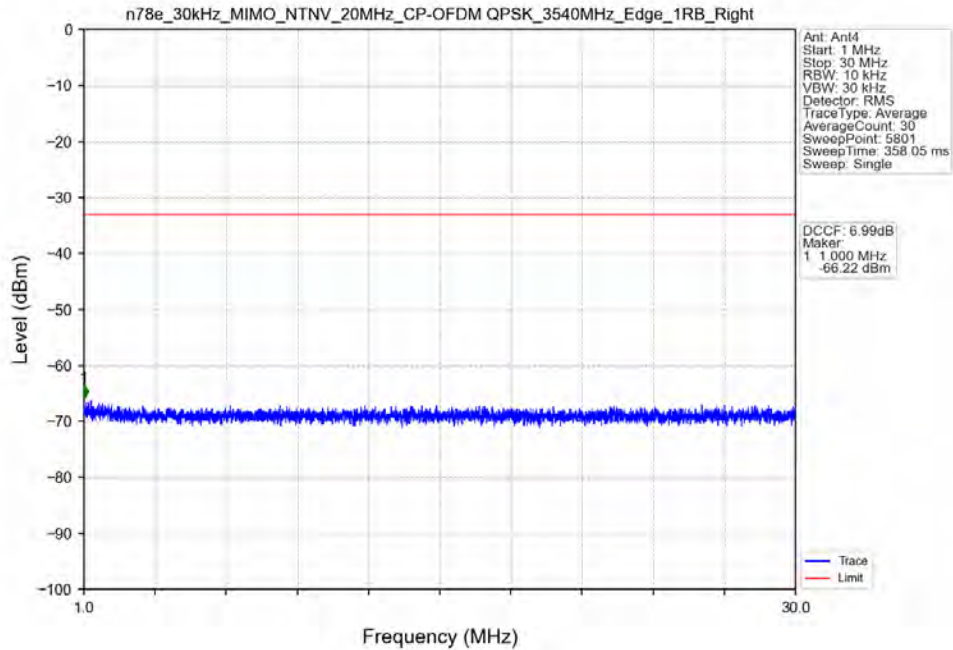
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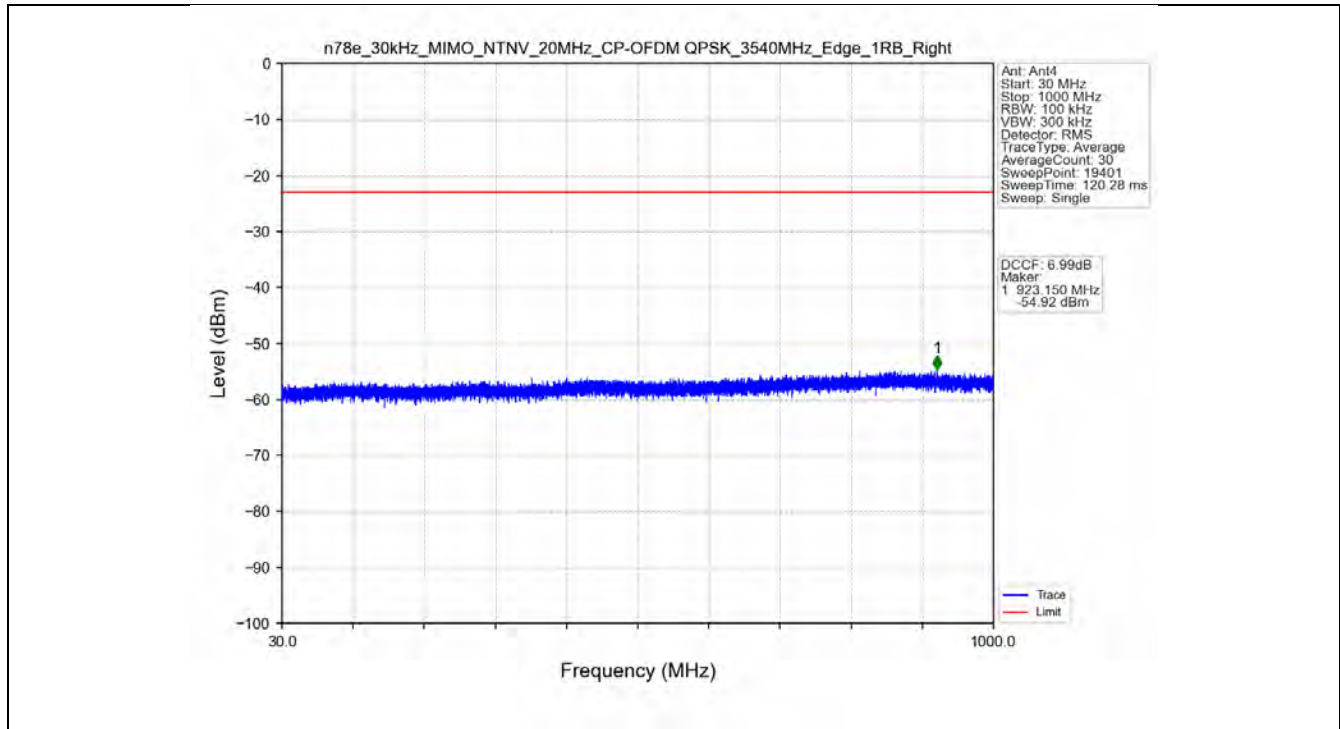


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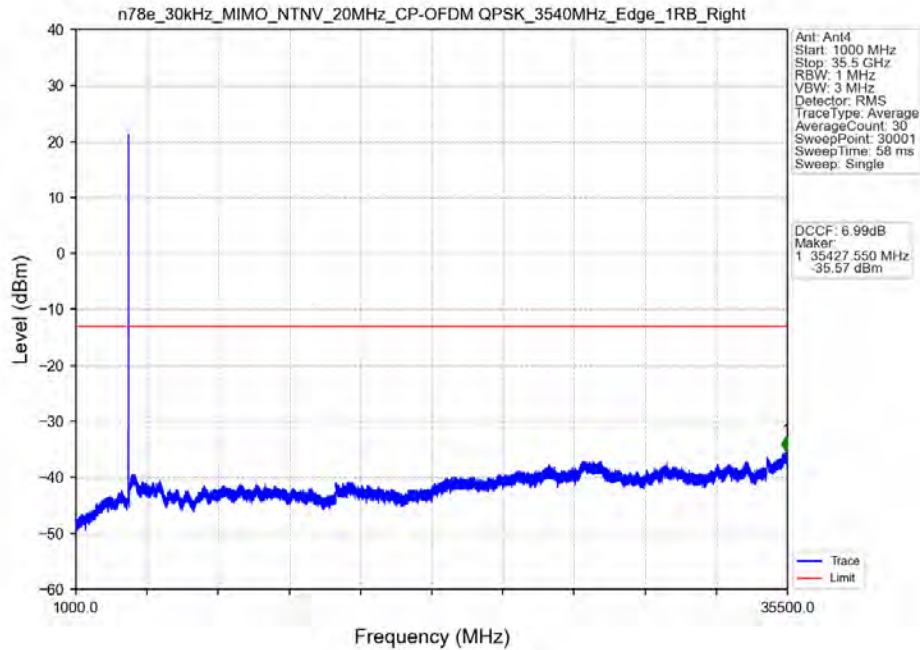
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n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3540MHz_Edge_1RB_Right



n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3540MHz_Edge_1RB_Right



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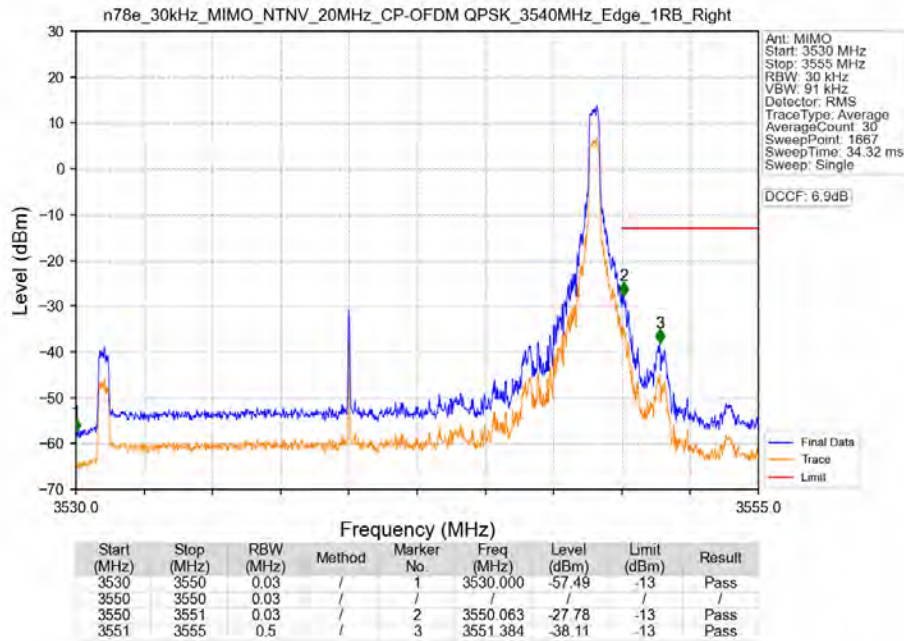


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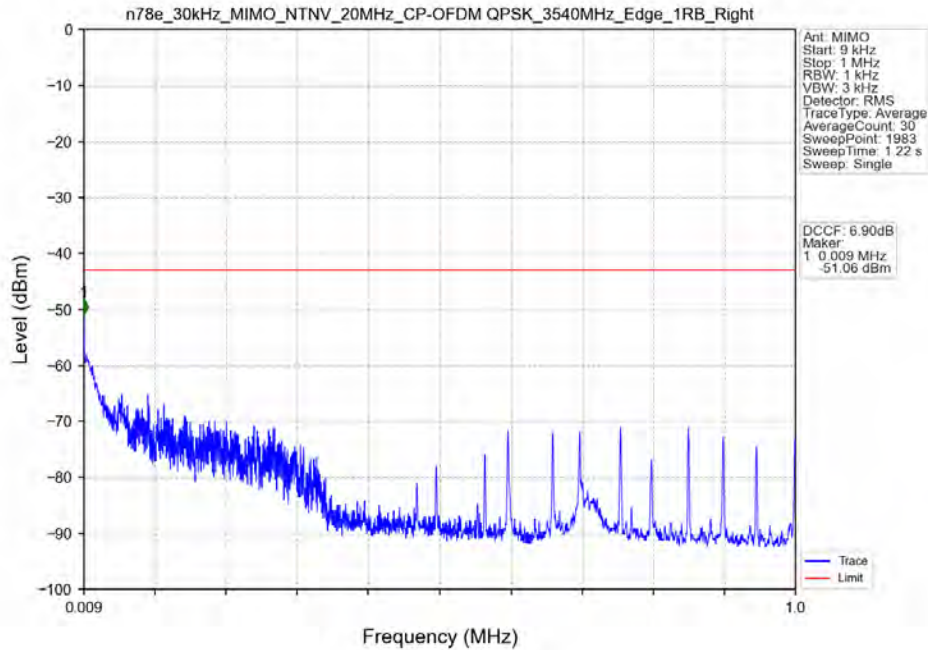
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n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3540MHz_Edge_1RB_Right



n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3540MHz_Edge_1RB_Right



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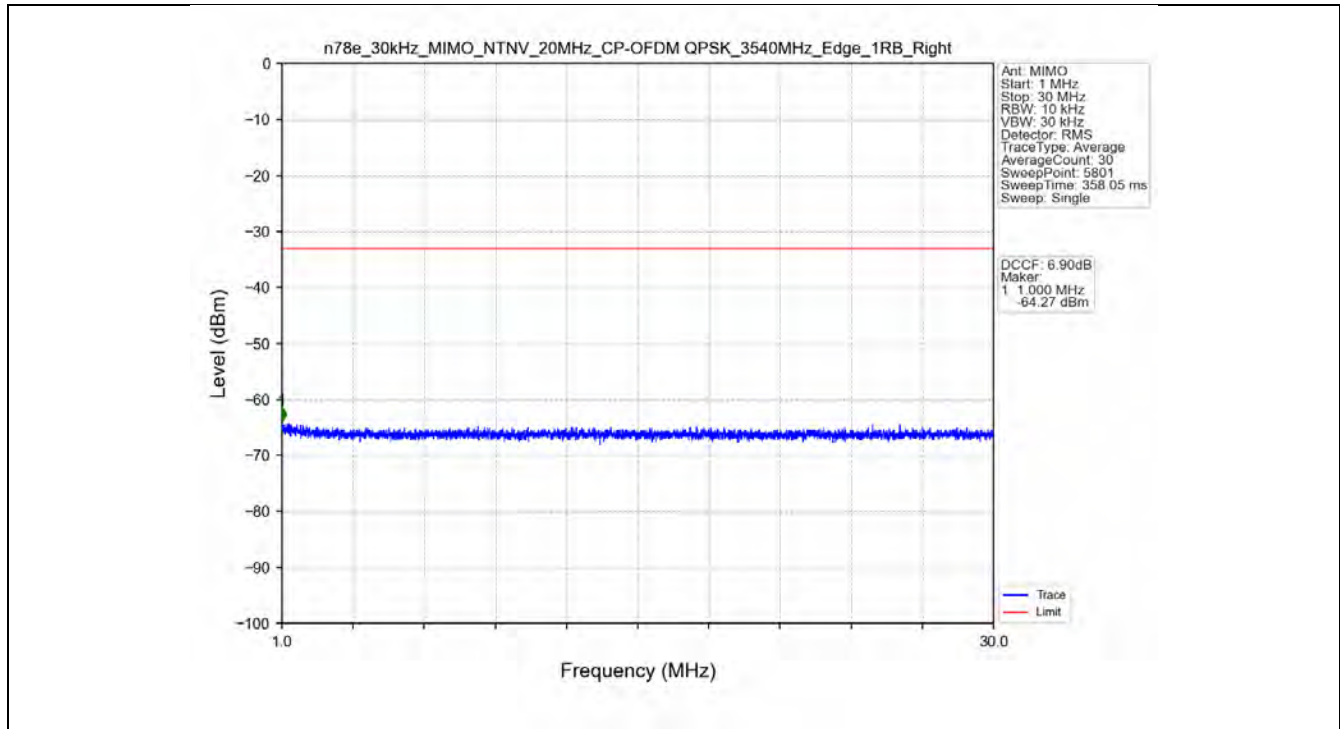


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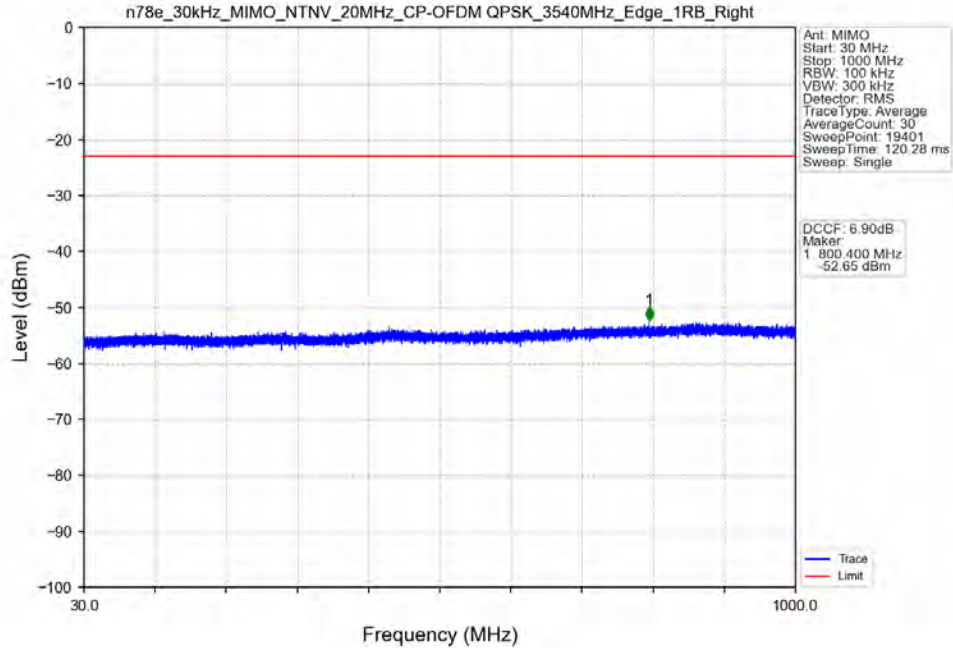
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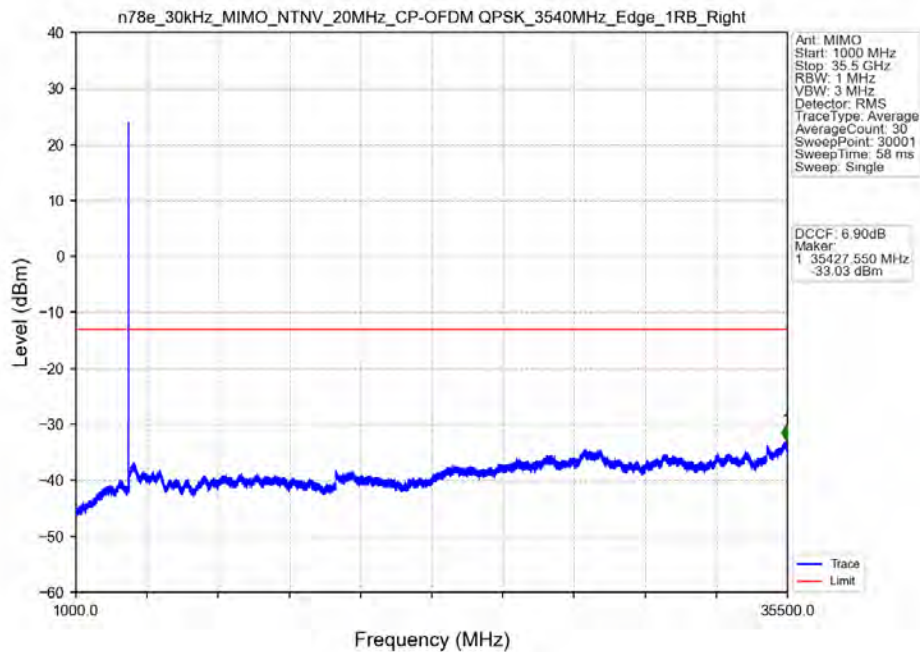


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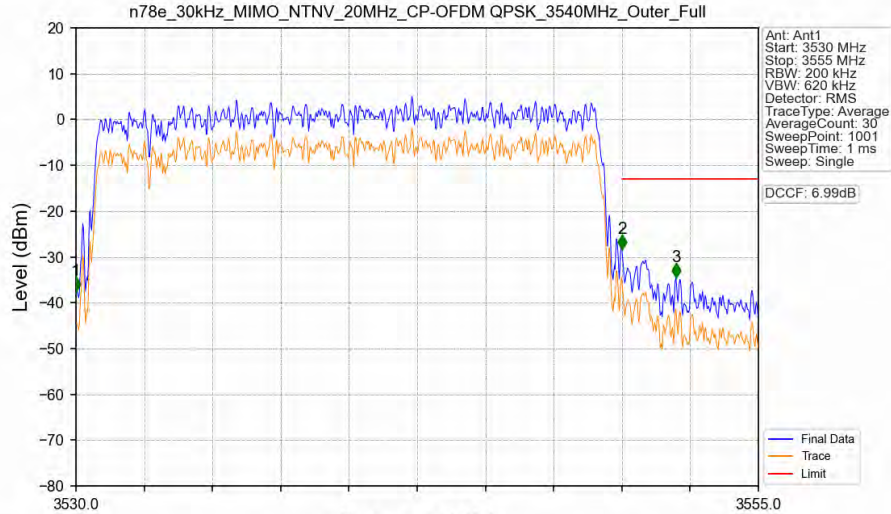
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3530	3550	0.2	/	1	3530.000	-37.41	-13	Pass
3550	3550	0.2	/	/	/	/	/	/
3550	3551	0.2	/	2	3550.000	-28.25	-13	Pass
3551	3555	0.5	/	3	3551.975	-34.43	-13	Pass

n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3540MHz_Outer_Full



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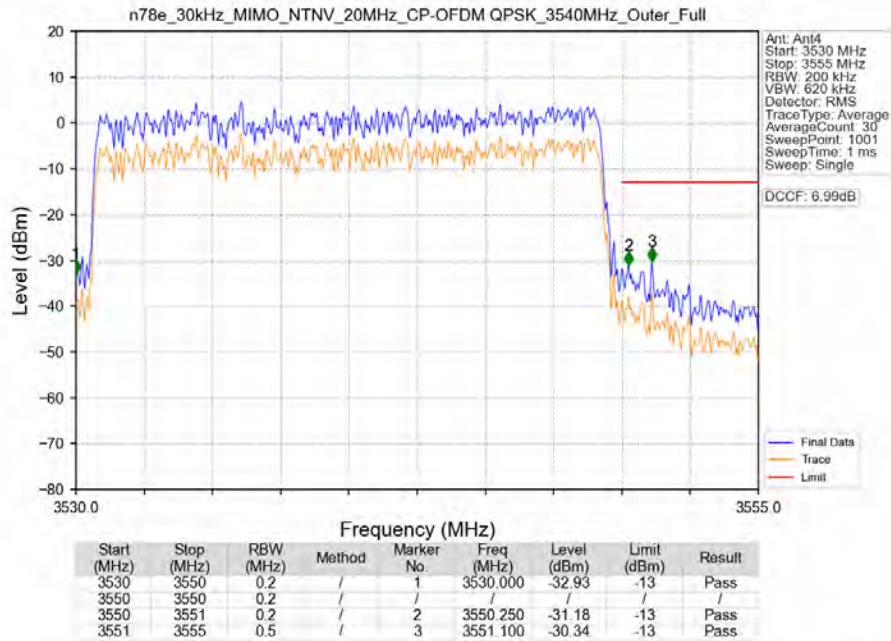


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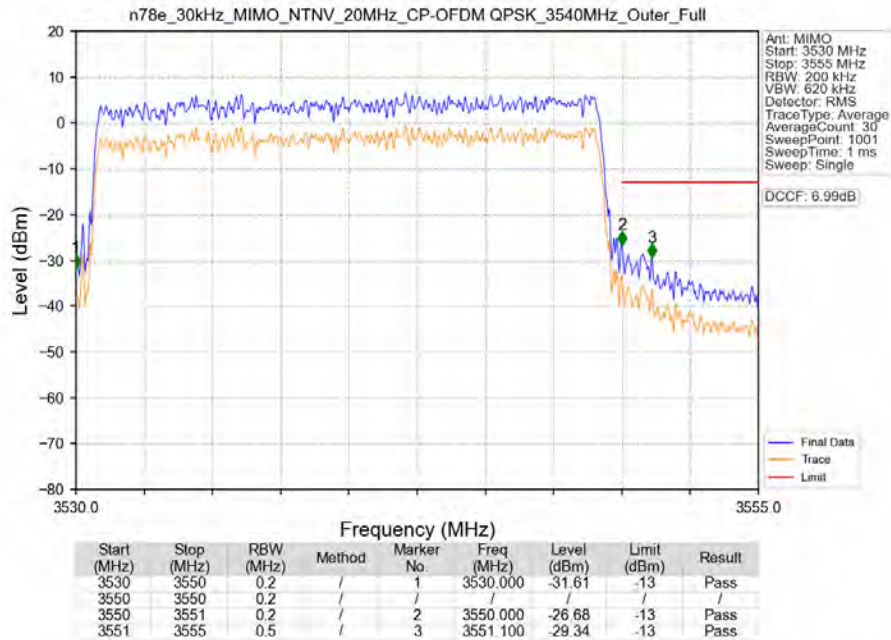
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n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3540MHz_Outer_Full



n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3540MHz_Inner_1RB_Right



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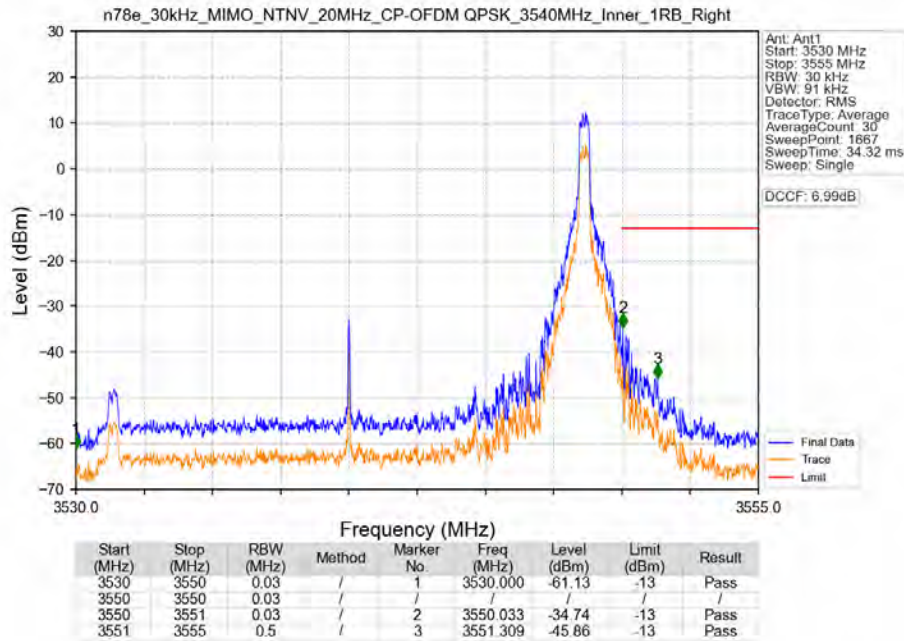


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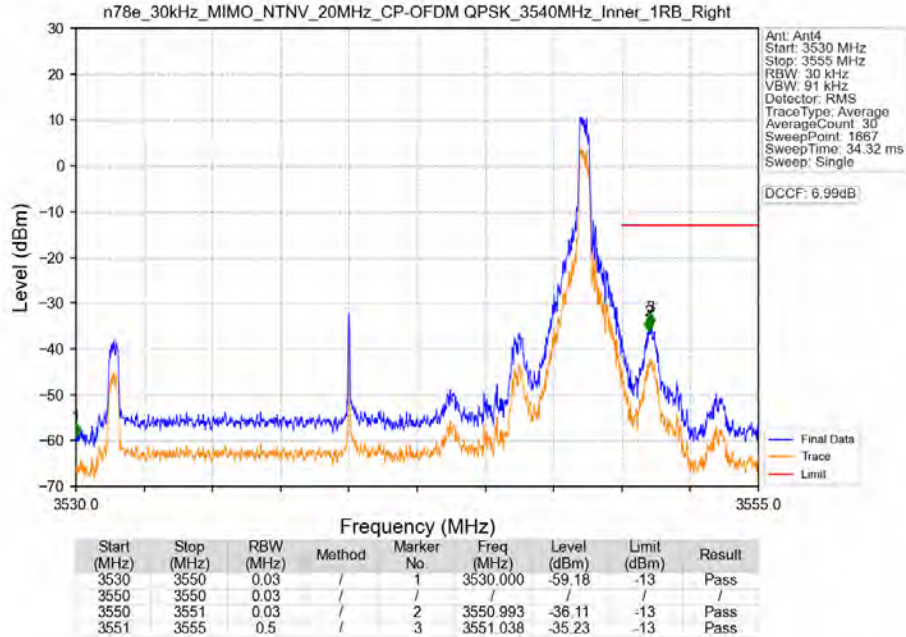
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n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3540MHz_Inner_1RB_Right



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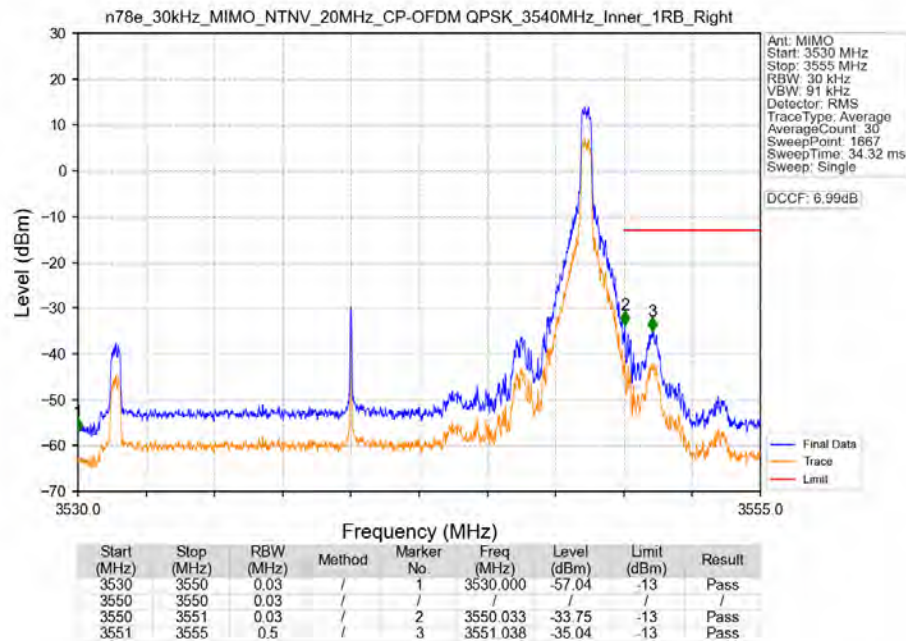


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5.11 30k_MIMO_30MHz_NTNV

5.11.1 Test Result

5G NR n78e SCS=30kHz MIMO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant4	Sum	Limit	
CP-OFDM QPSK	3465	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
	3534.99	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



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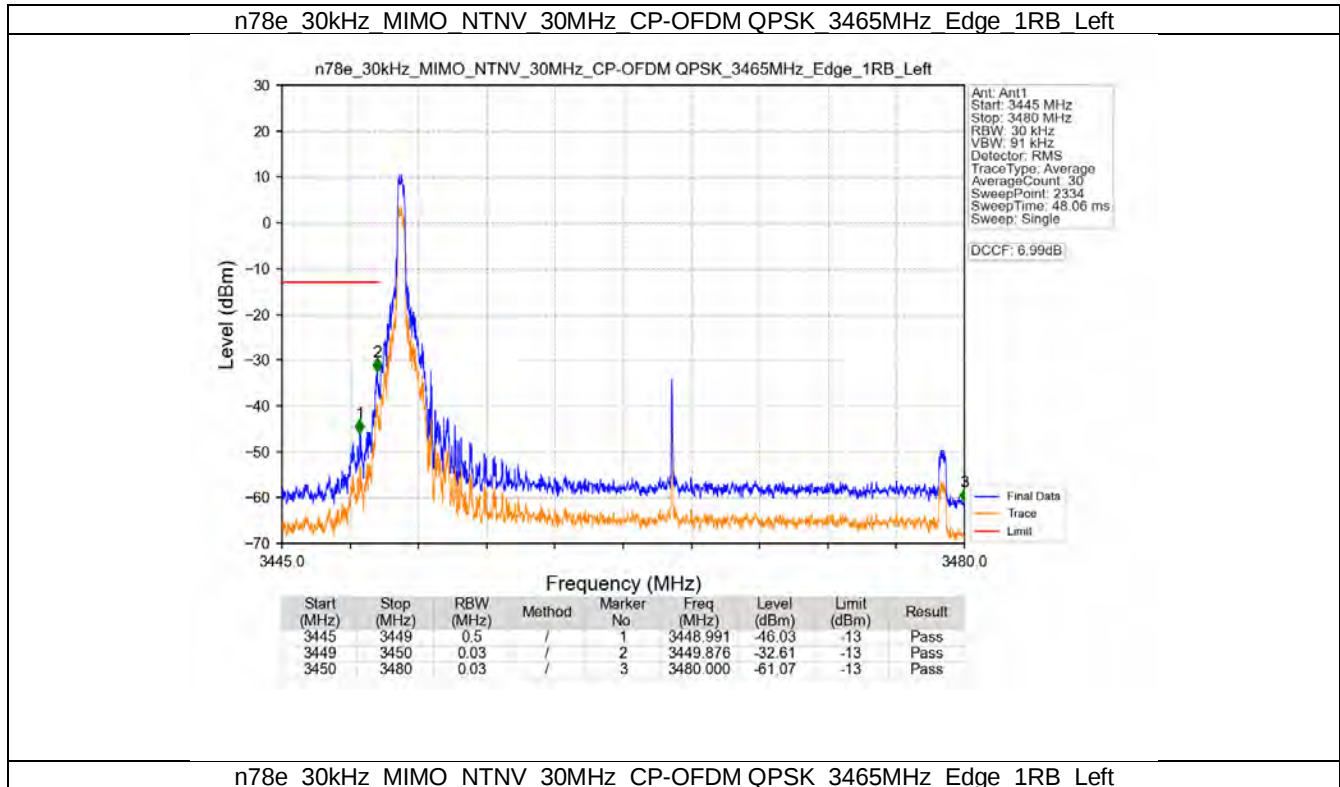
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5.11.2 Test Graph



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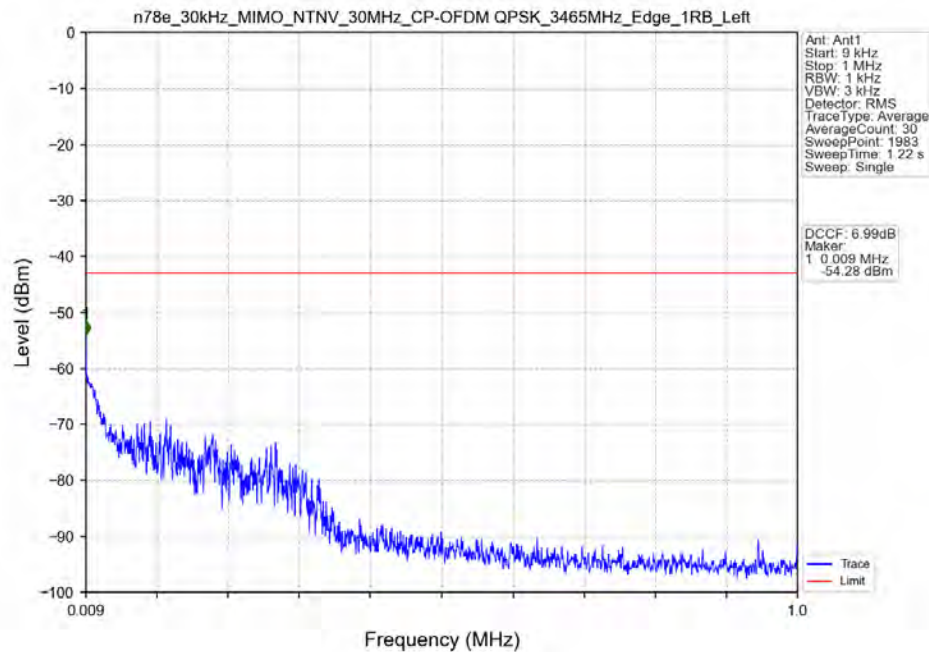


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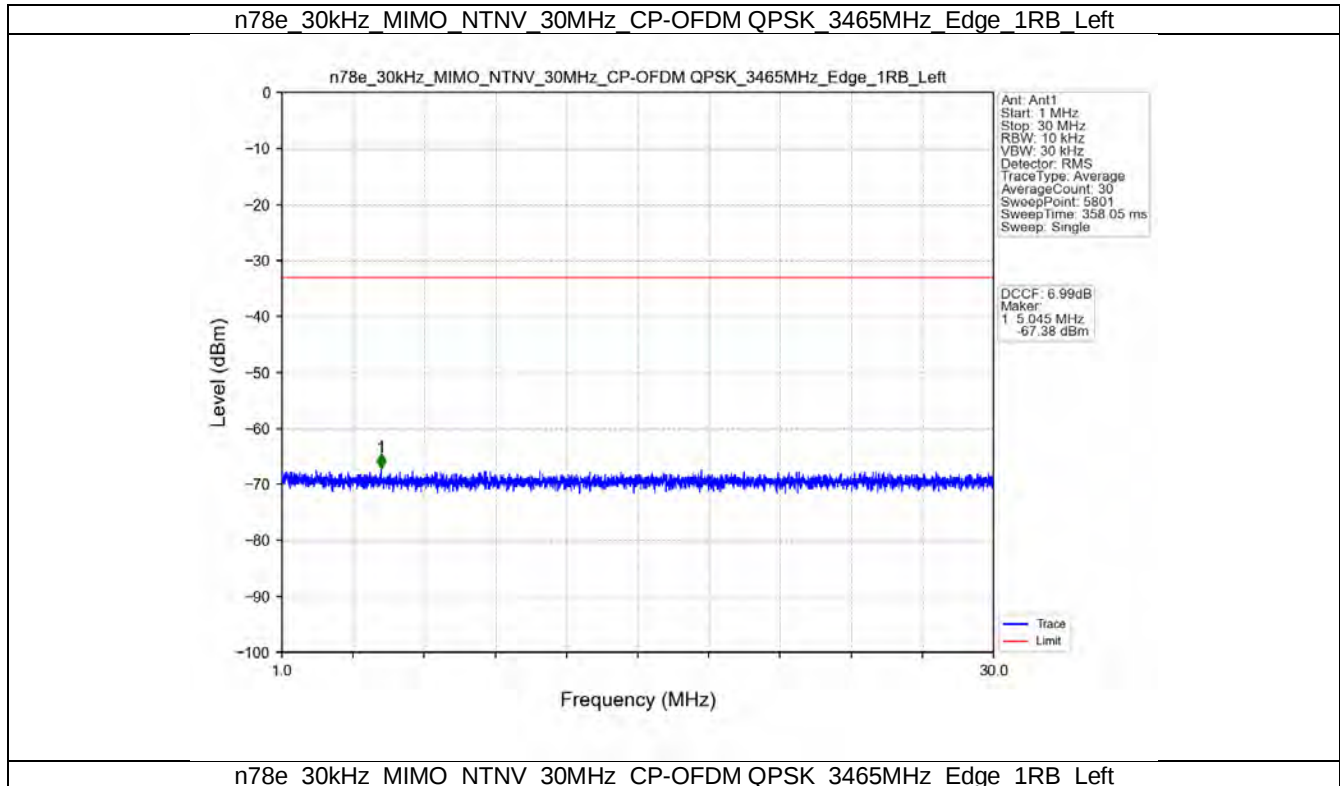


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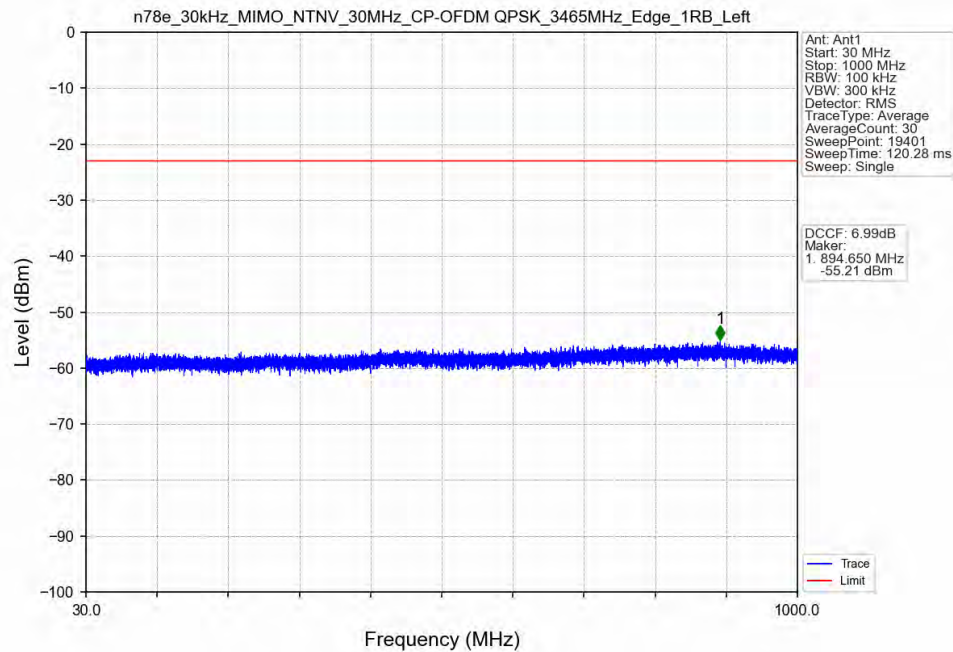


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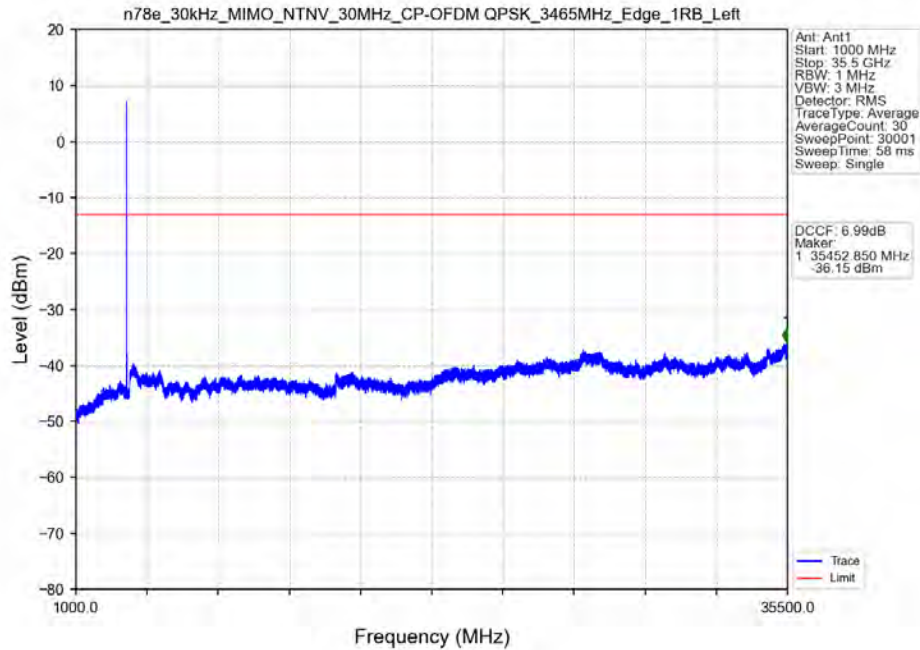
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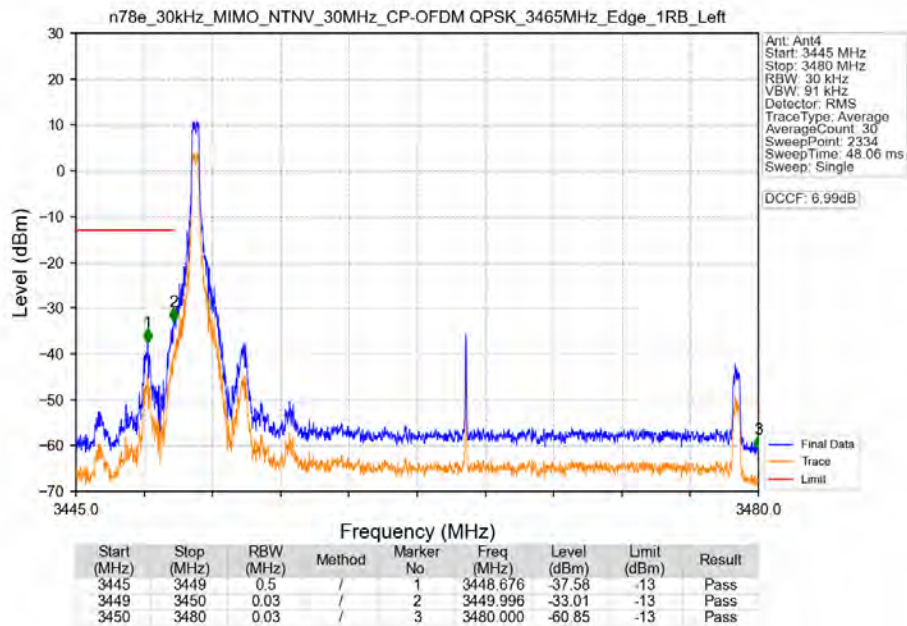


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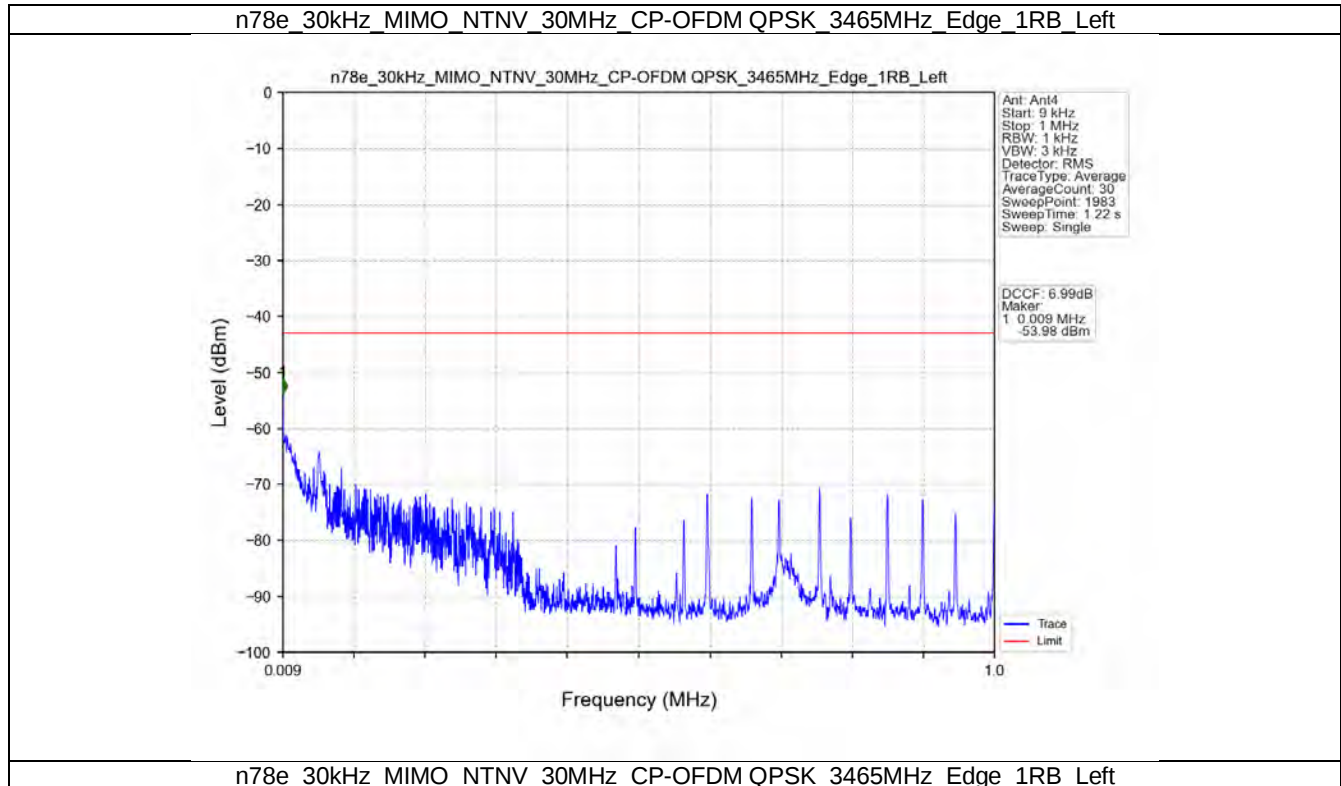


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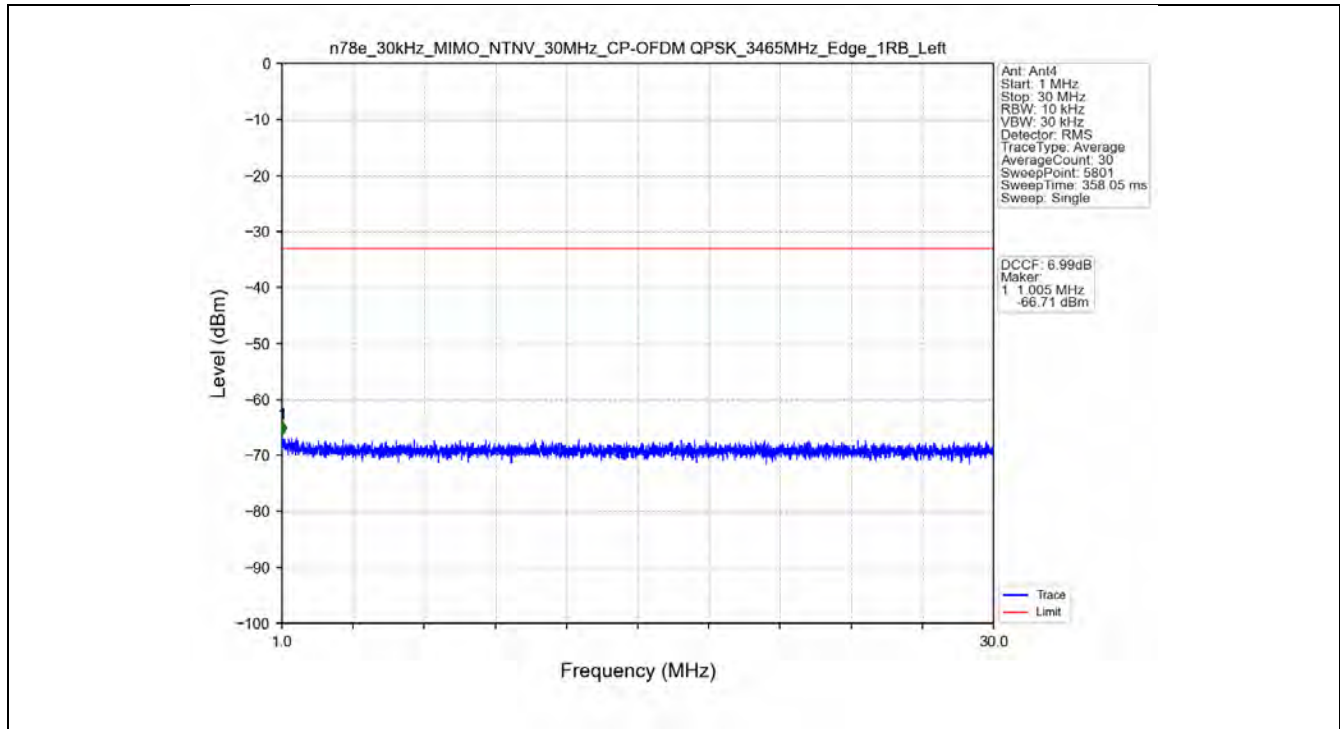


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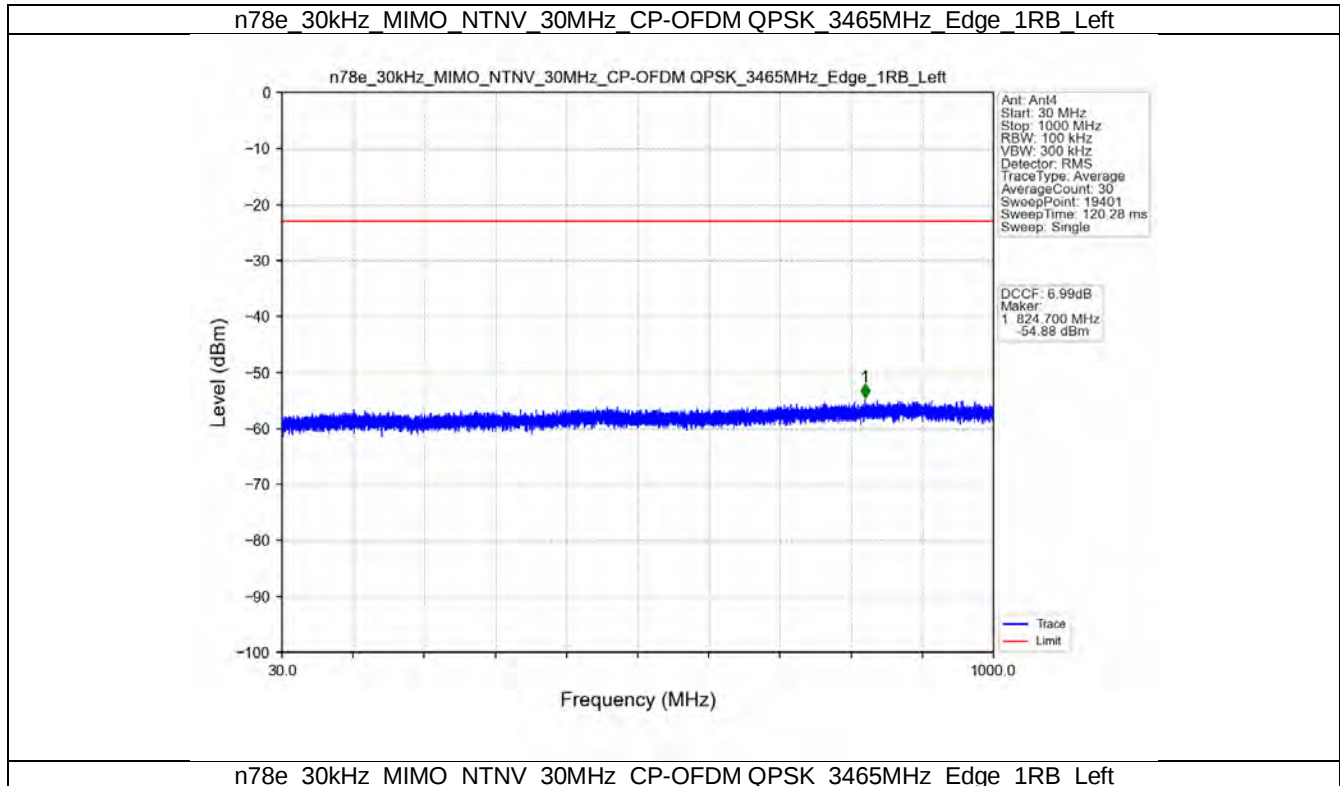


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