

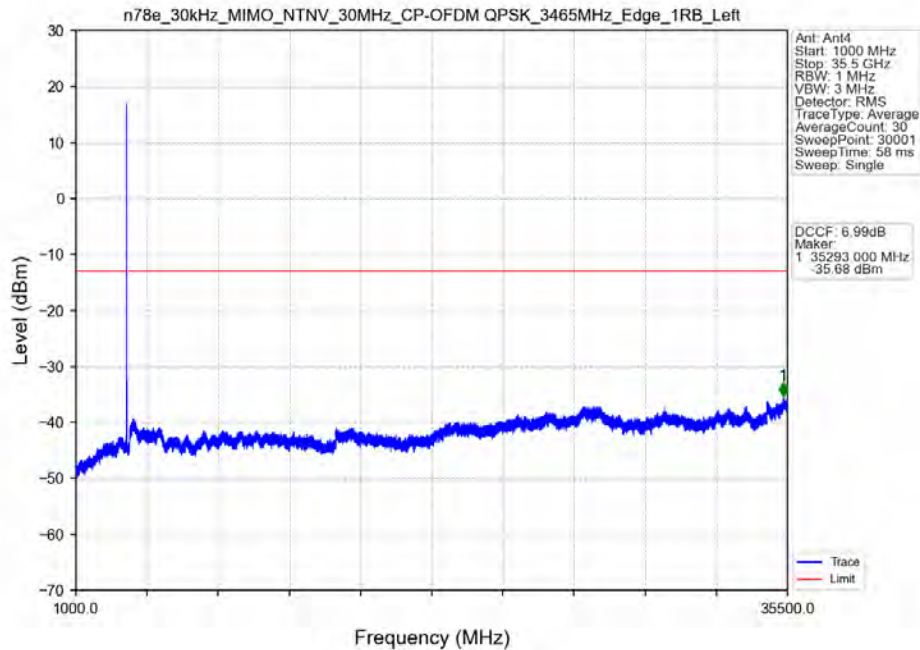


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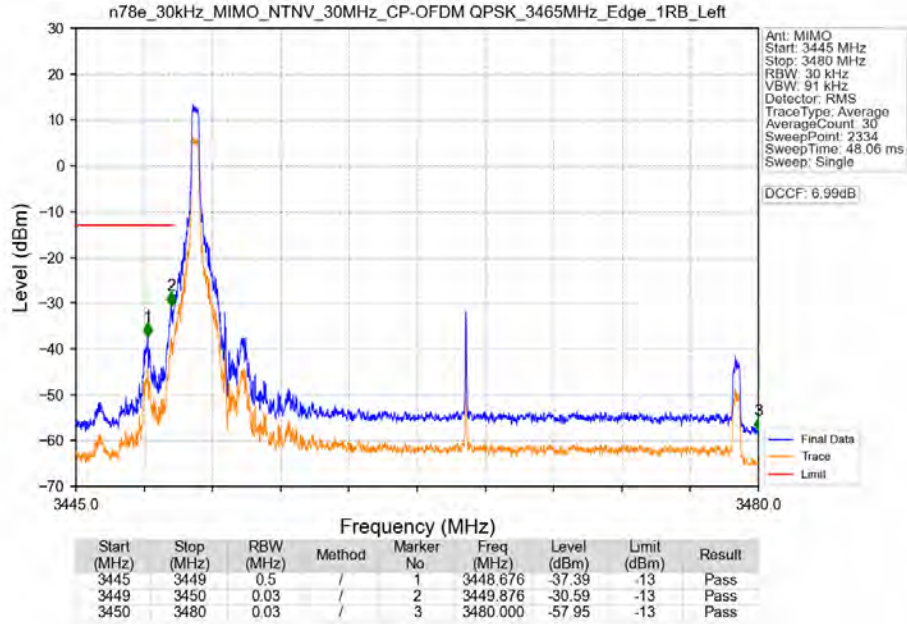
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n78e_30kHz_MIMO_NTNV_30MHz_CP-OFDM QPSK_3465MHz_Edge_1RB_Left



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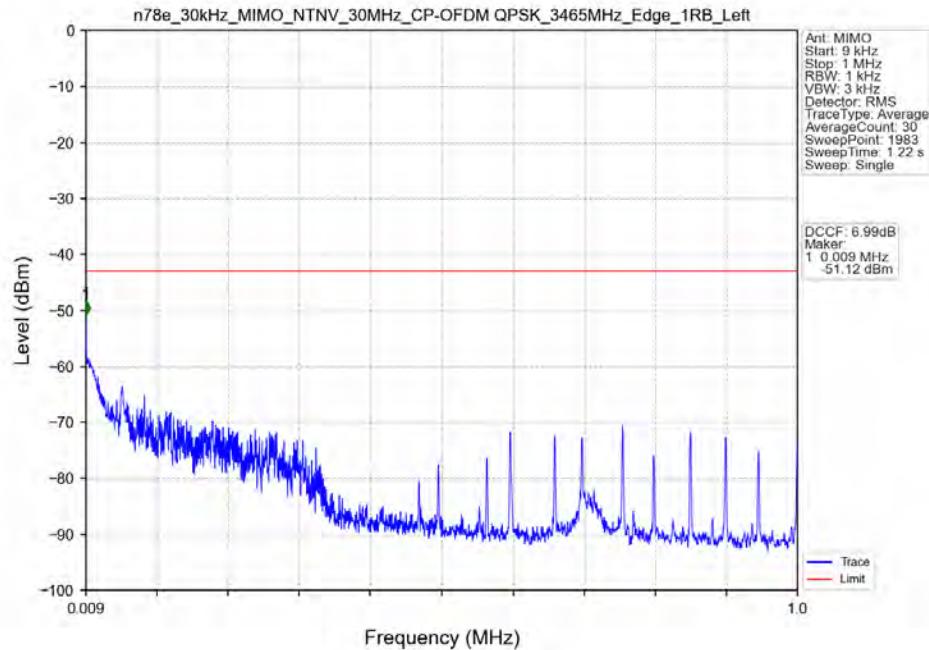


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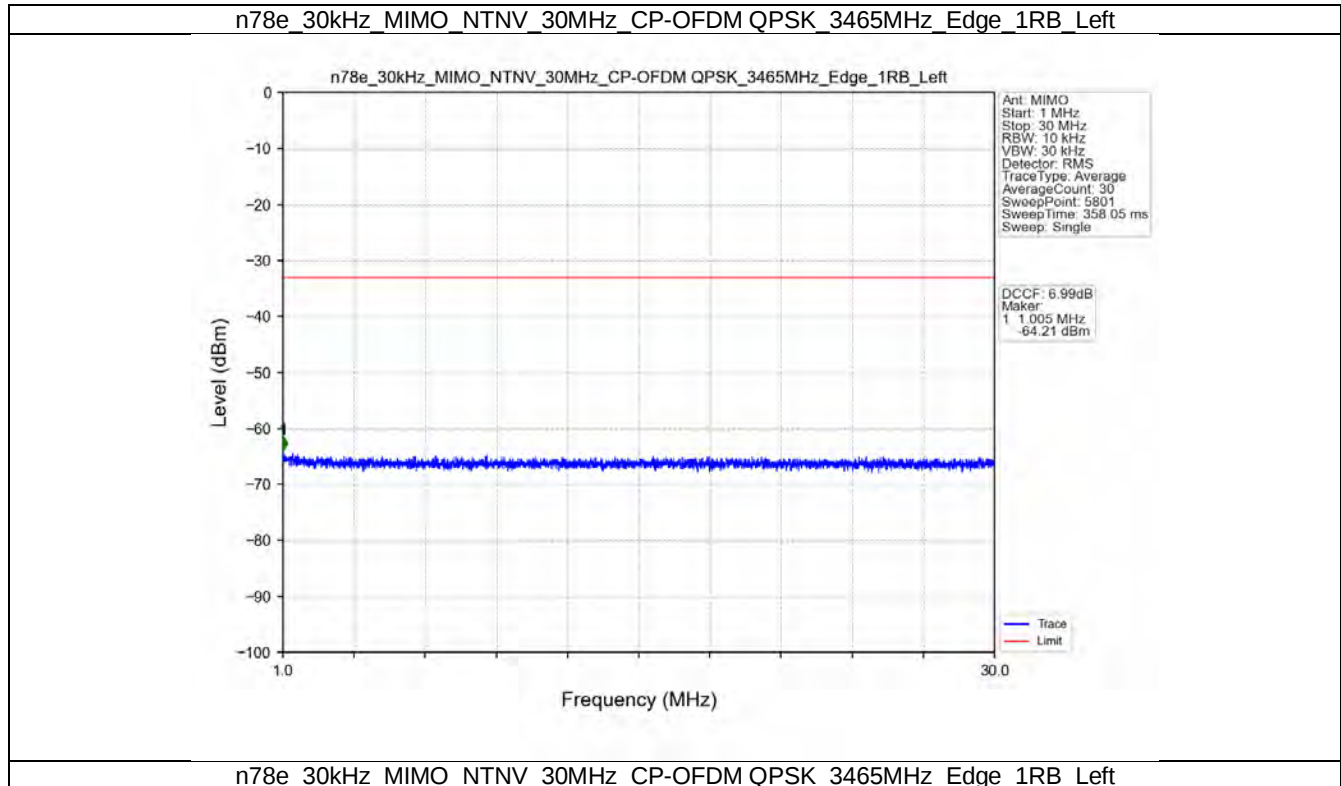


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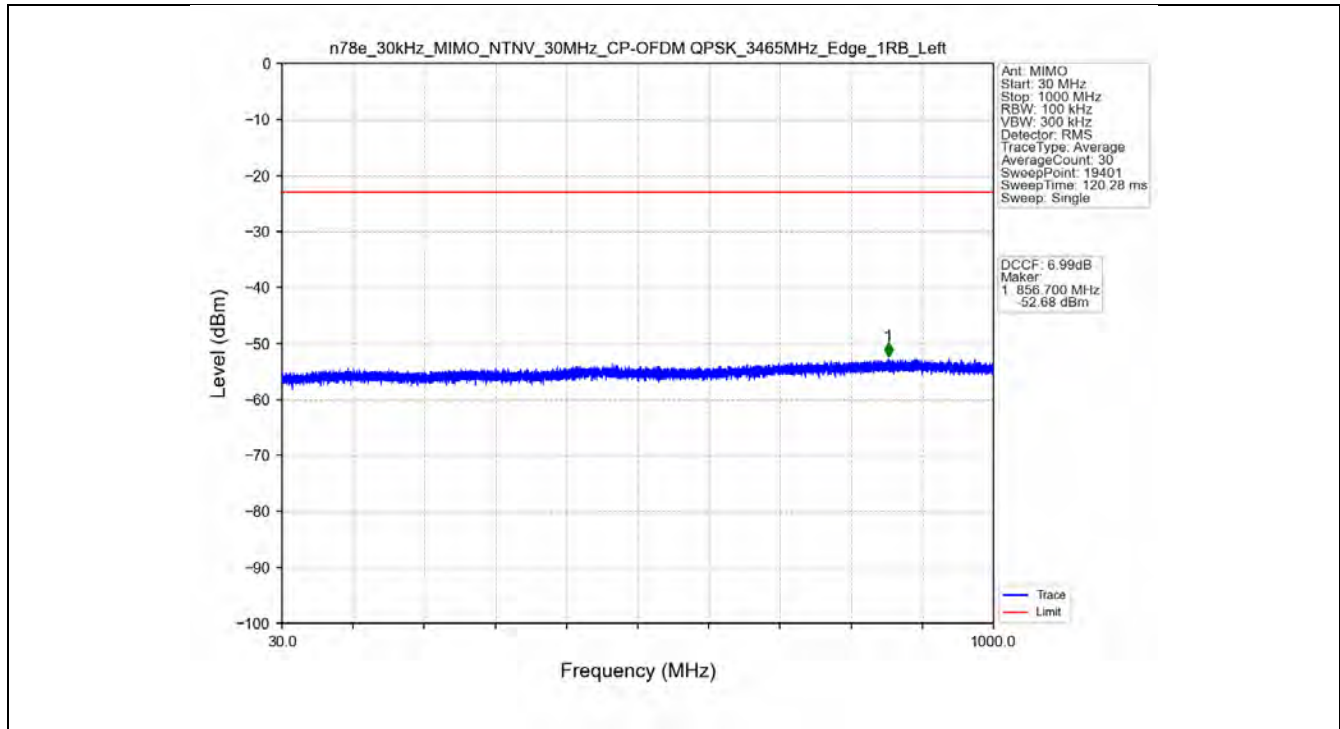


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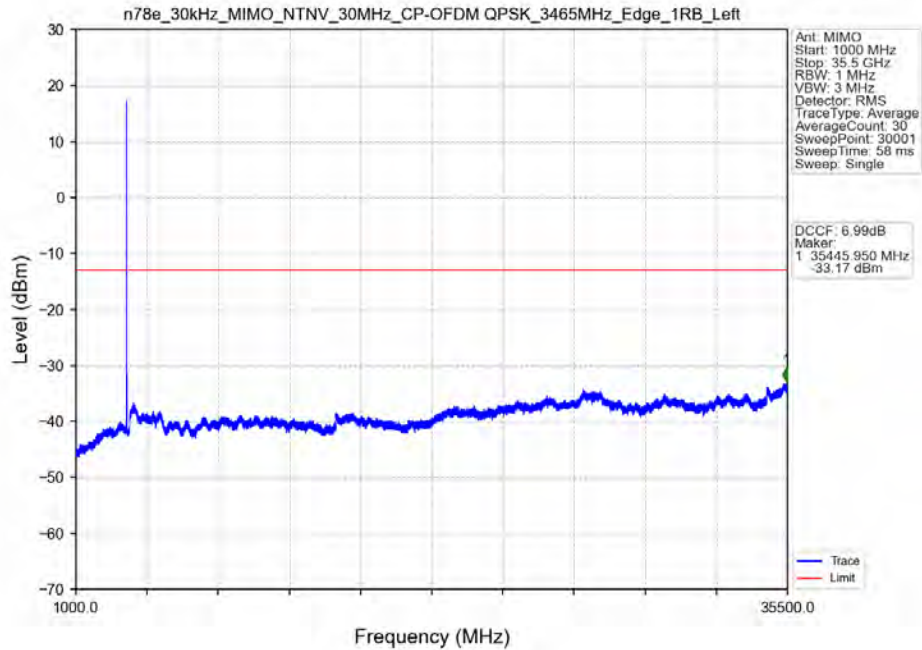
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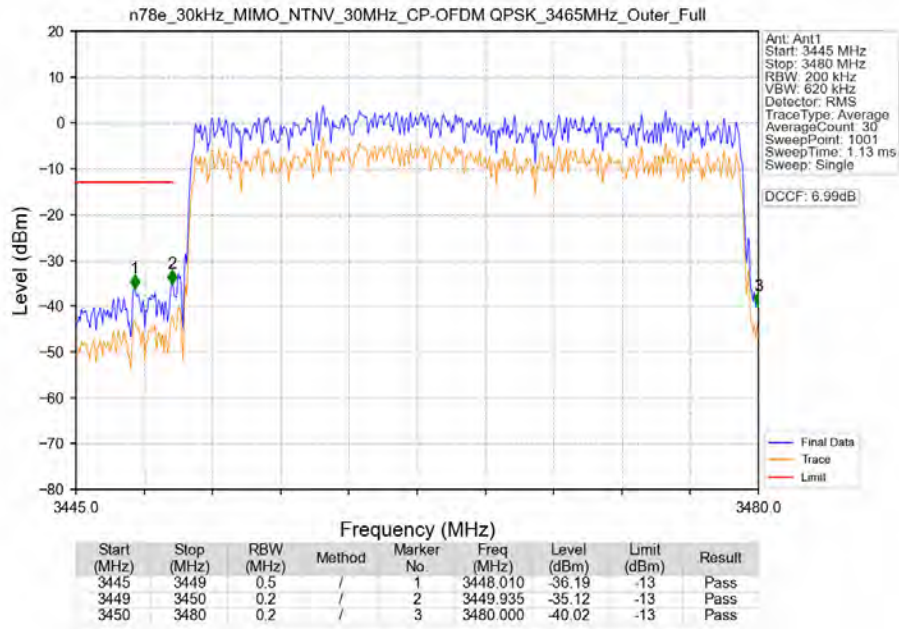


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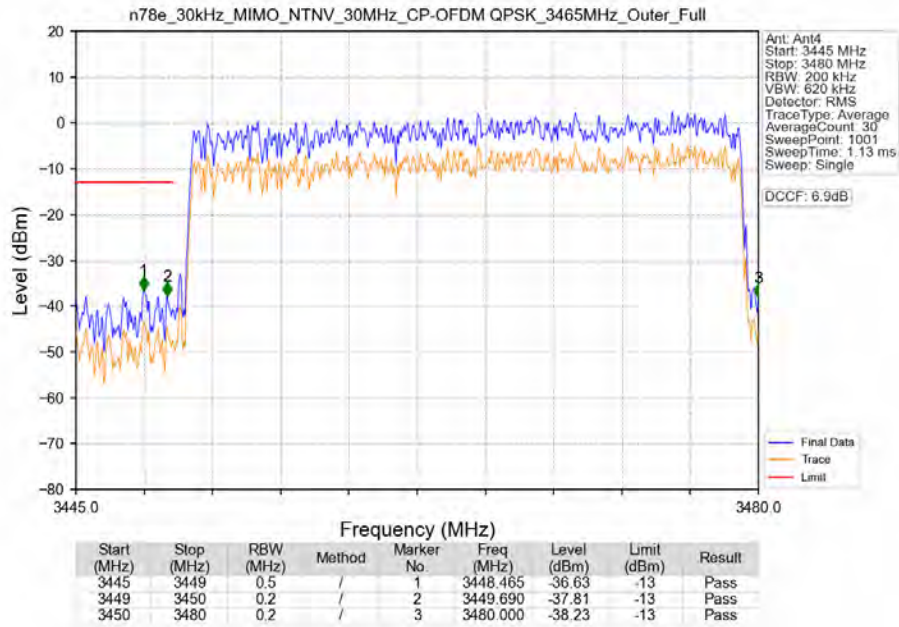
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n78e_30kHz_MIMO_NTNV_30MHz_CP-OFDM_QPSK_3465MHz_Outer_Full



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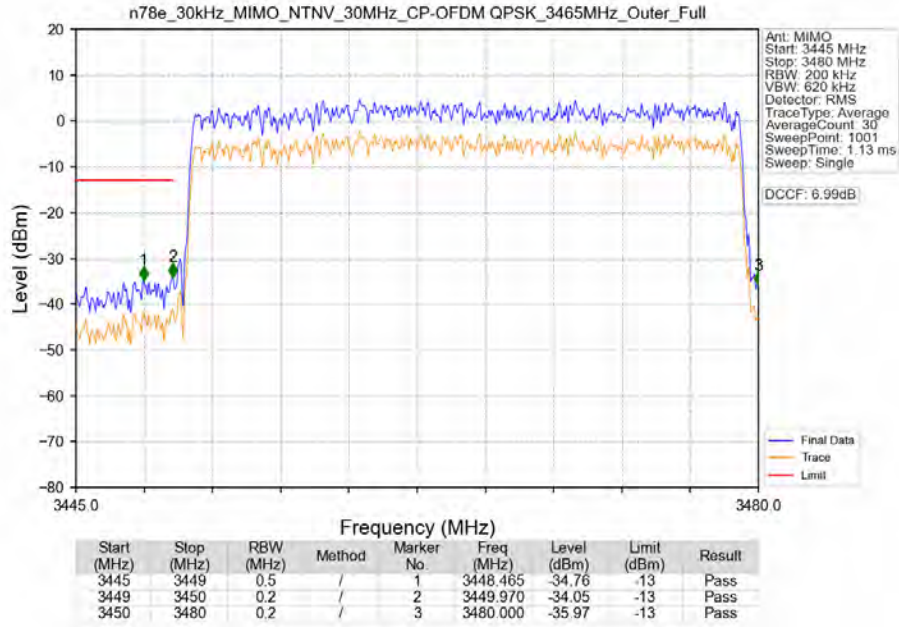


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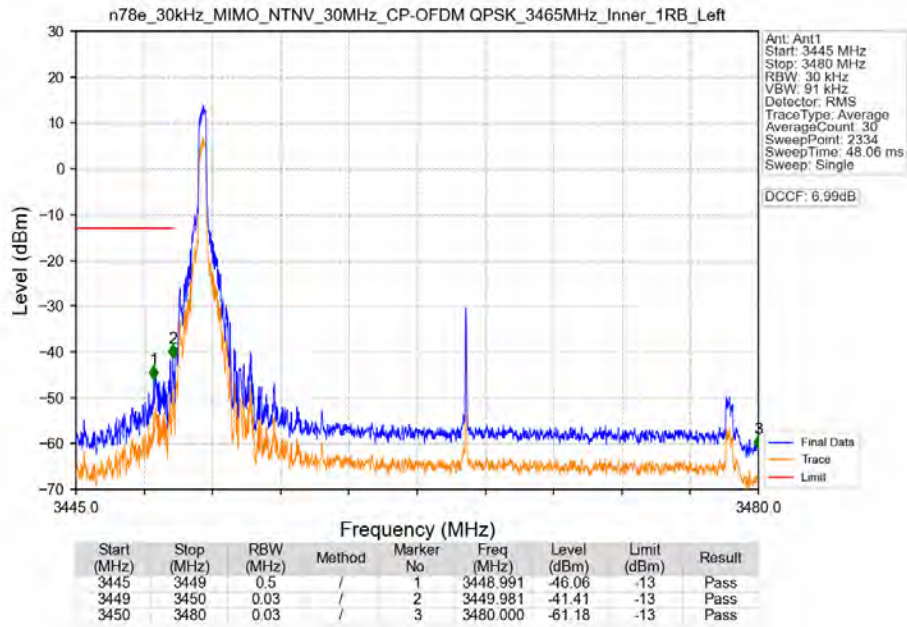
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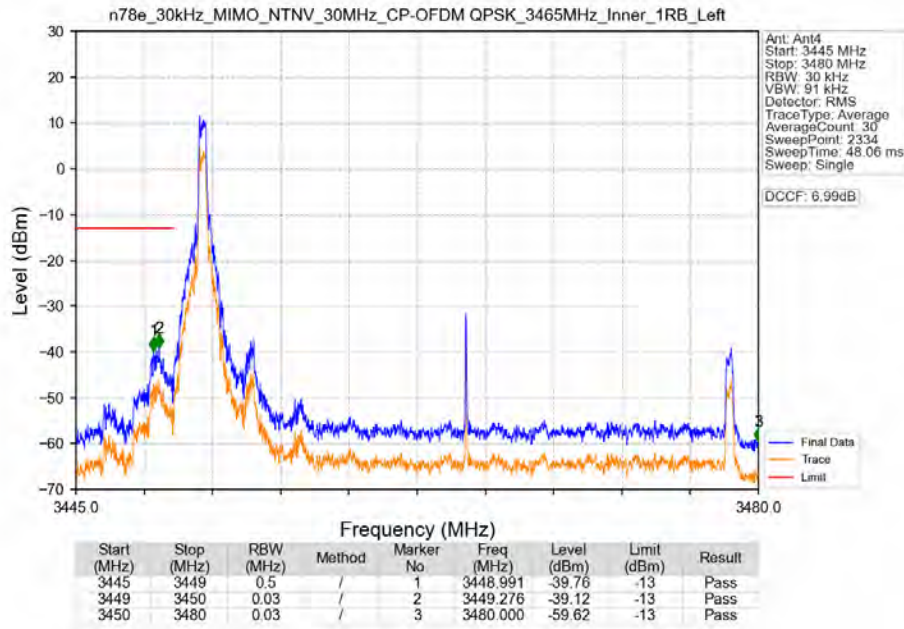


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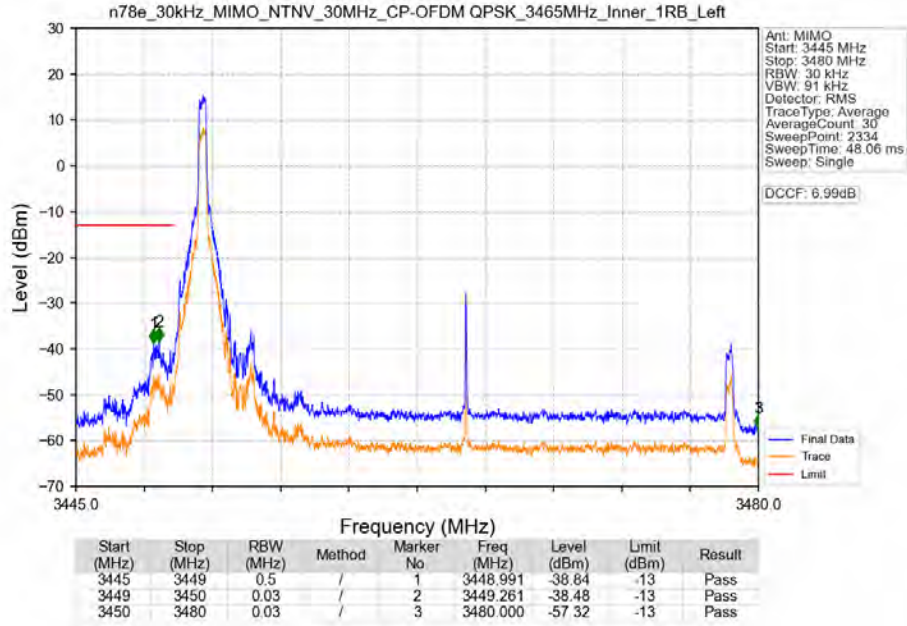
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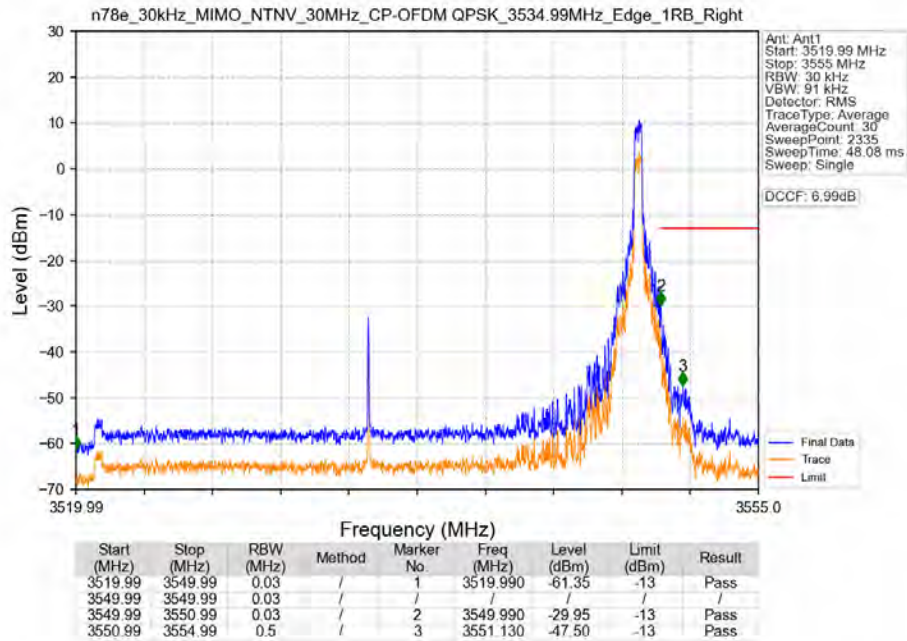


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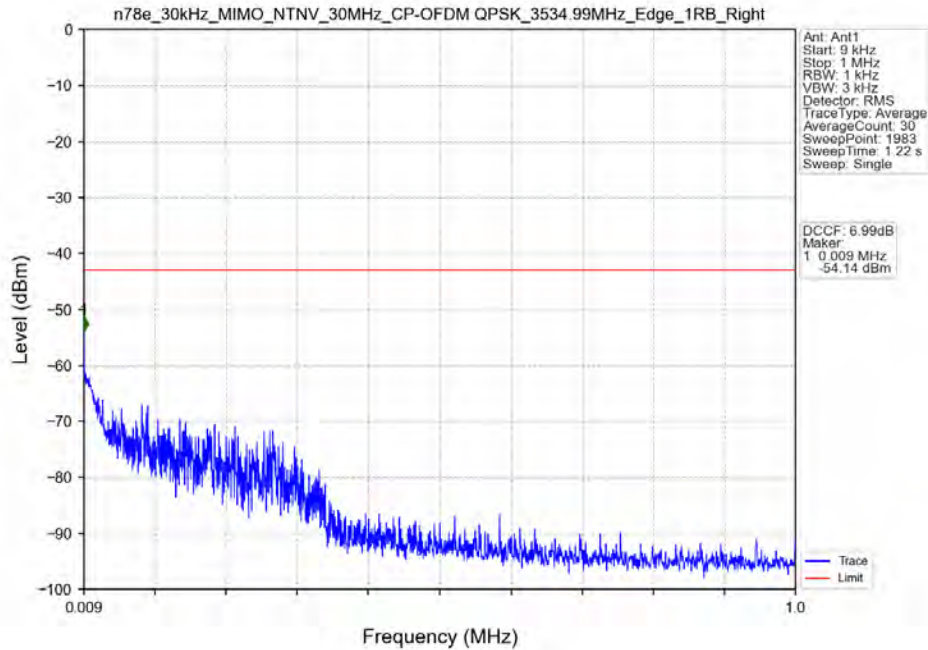
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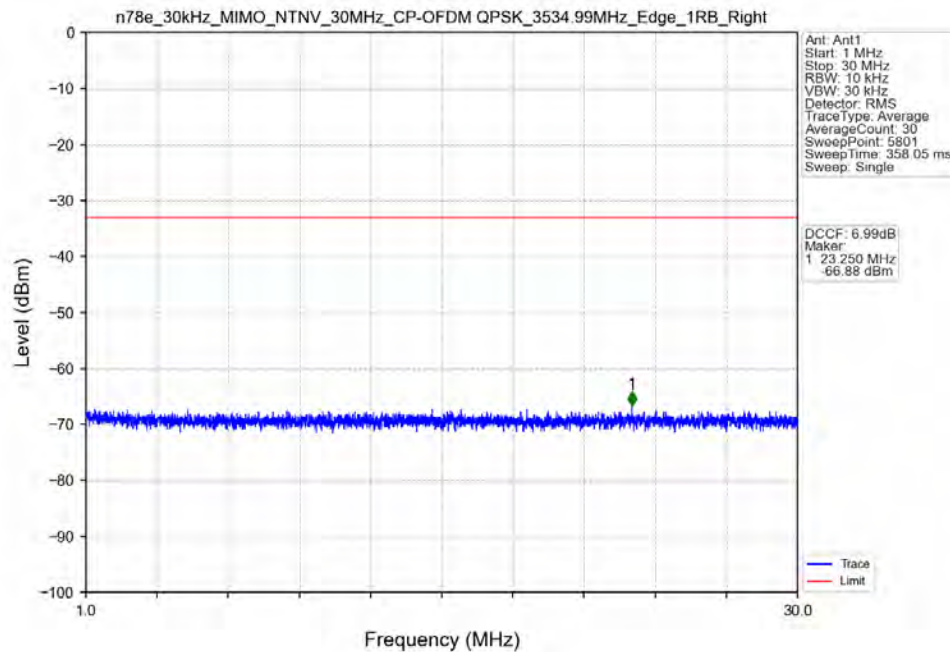


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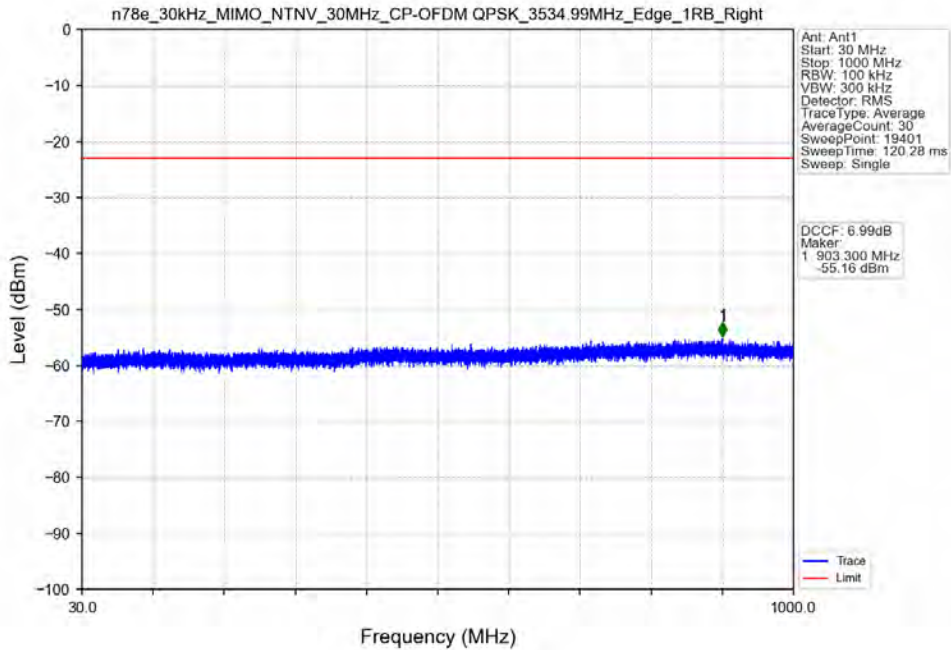
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n78e_30kHz_MIMO_NTNV_30MHz_CP-OFDM QPSK_3534.99MHz_Edge_1RB_Right



n78e_30kHz_MIMO_NTNV_30MHz_CP-OFDM QPSK_3534.99MHz_Edge_1RB_Right



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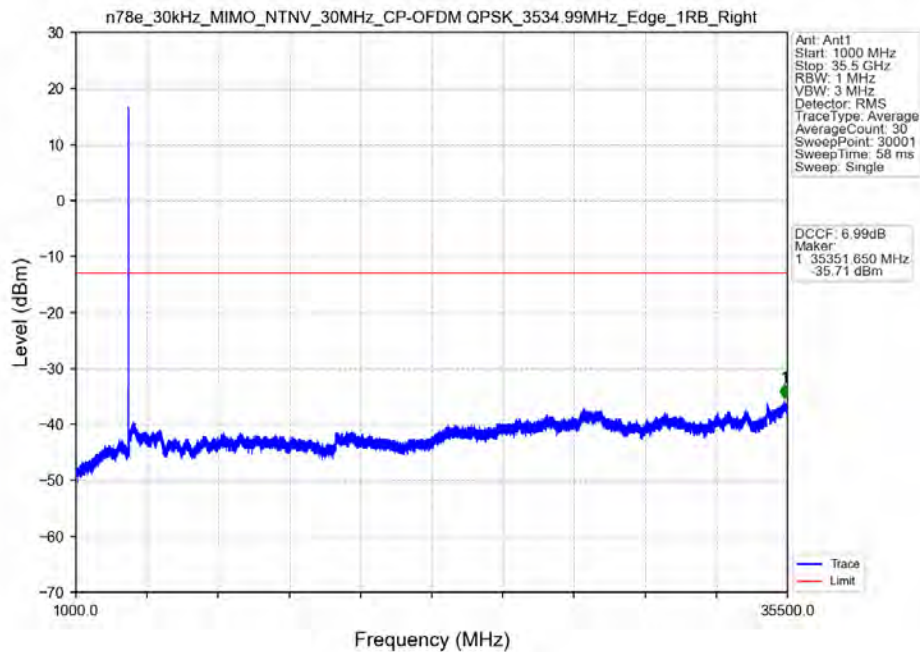


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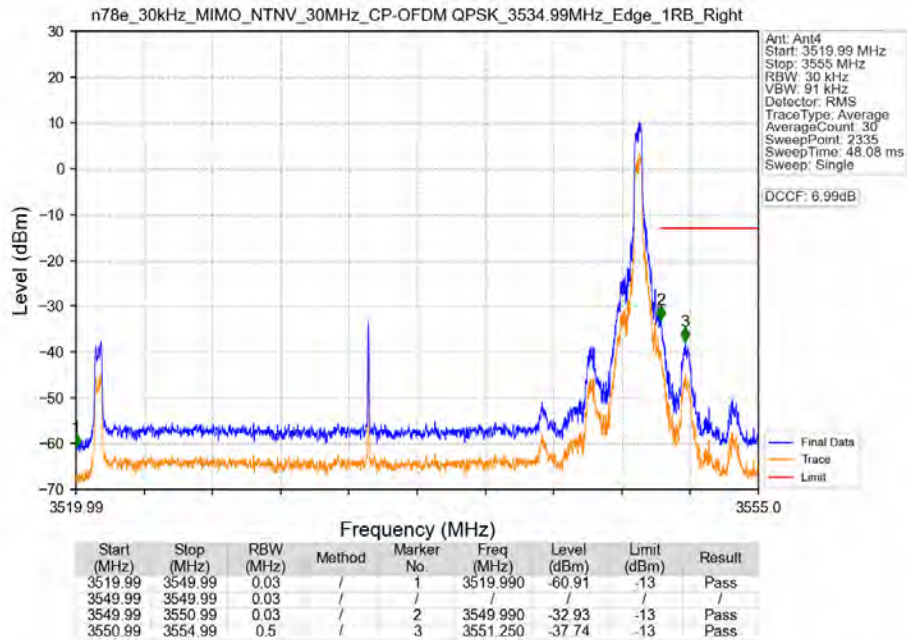
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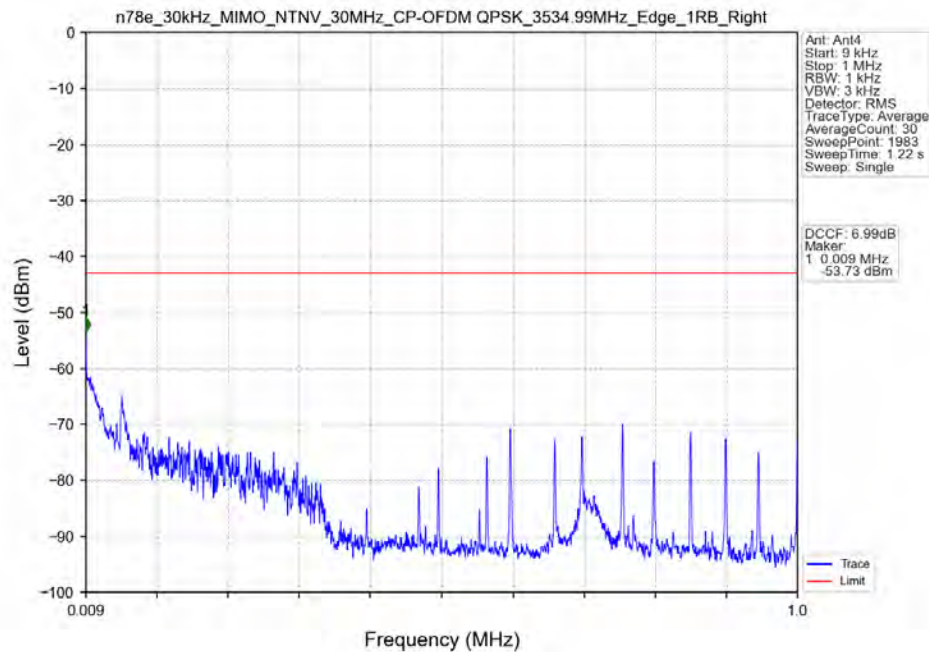


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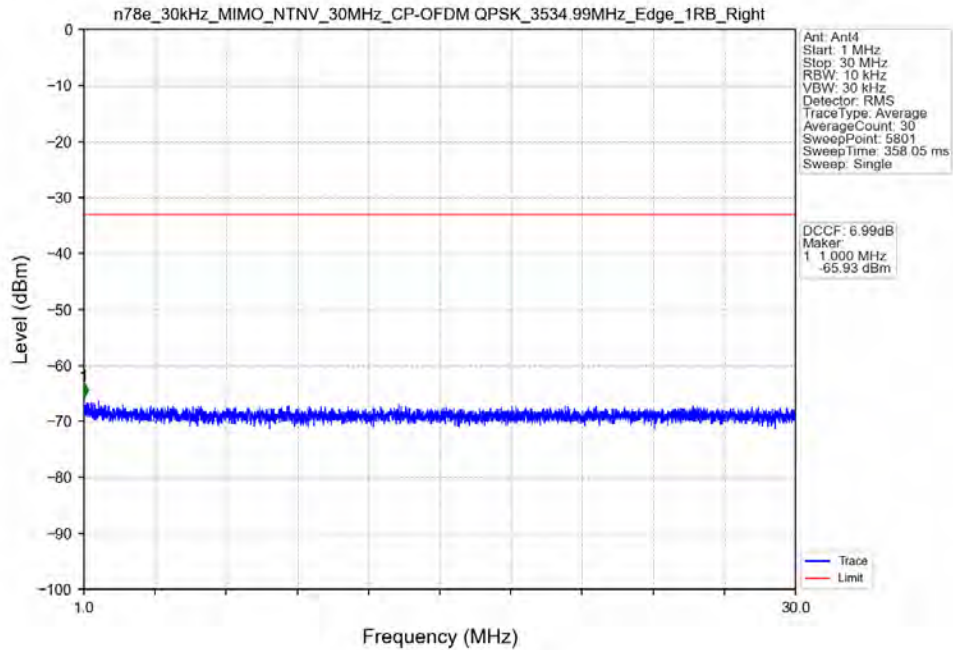
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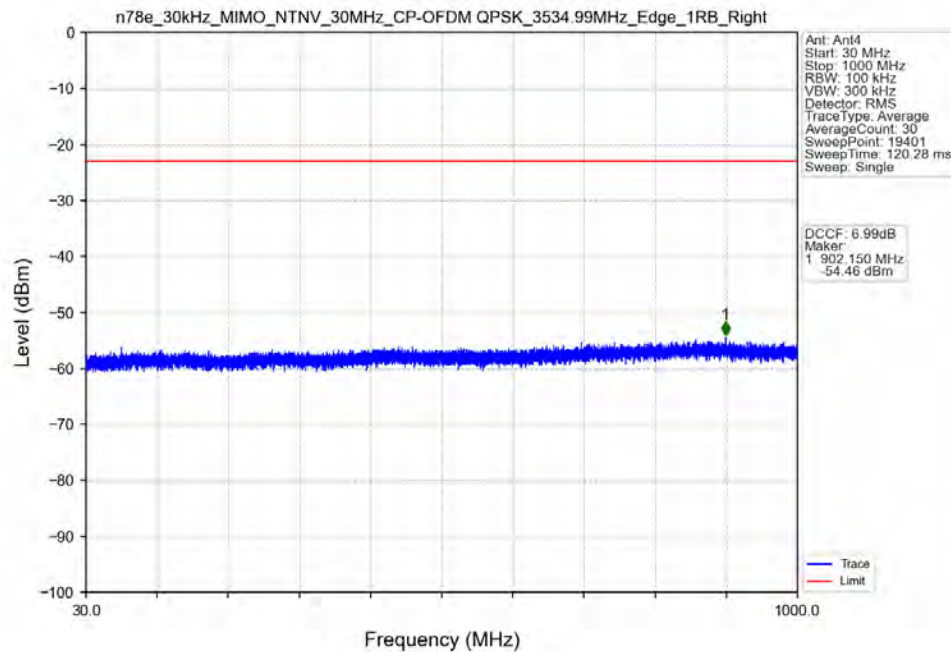


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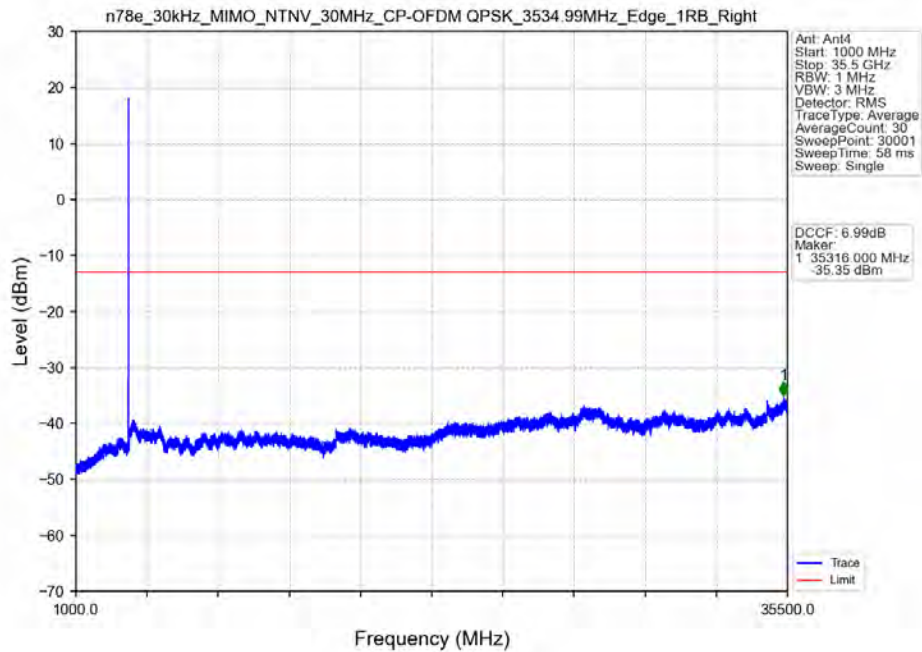
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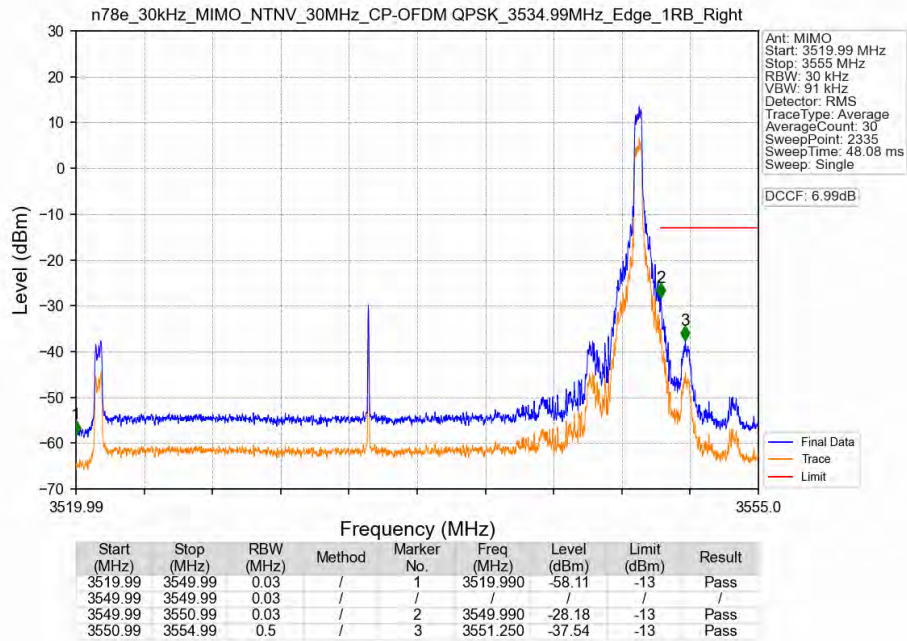


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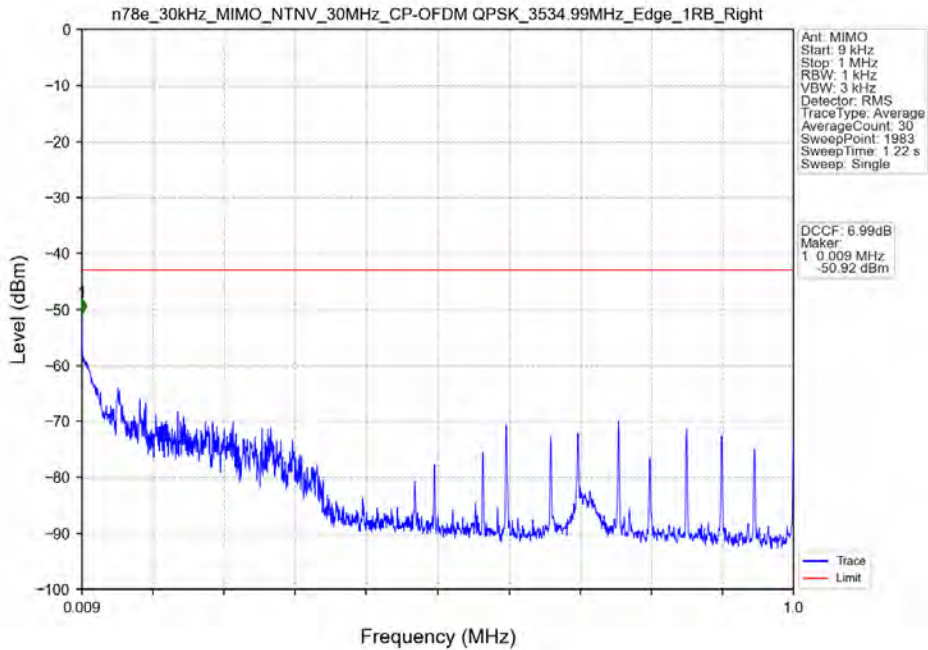
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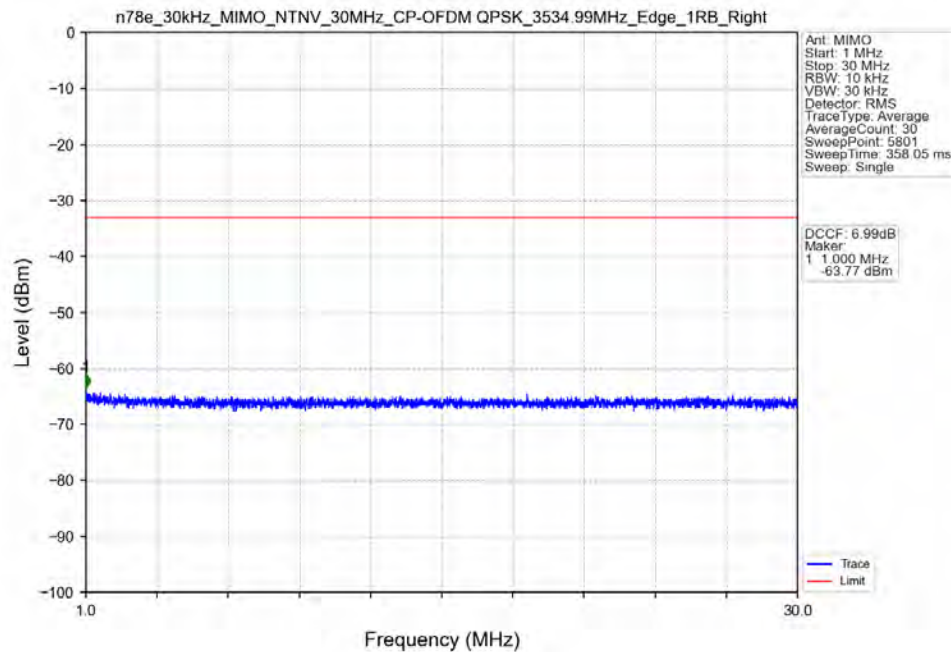


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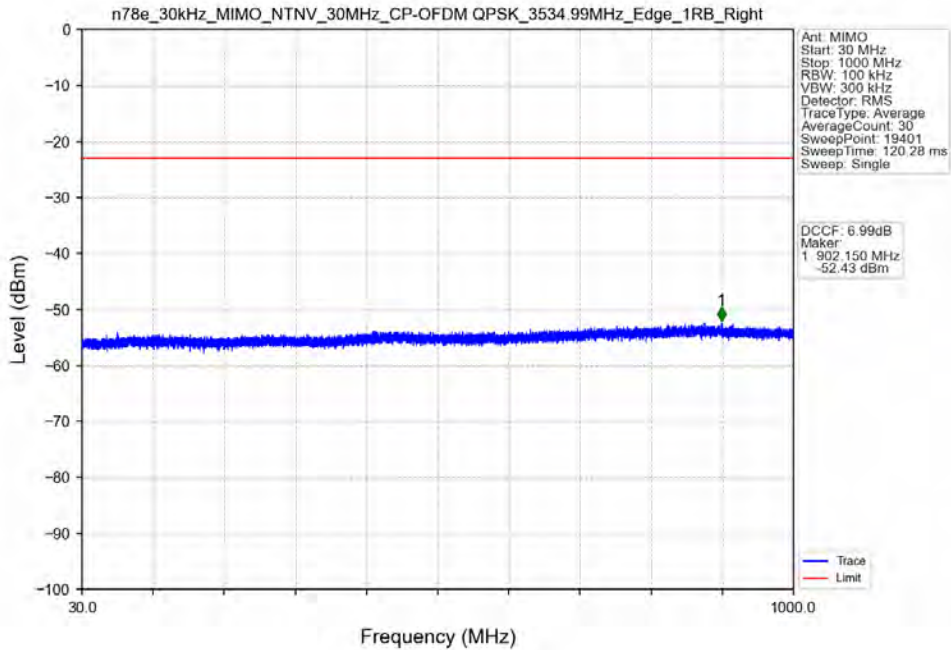
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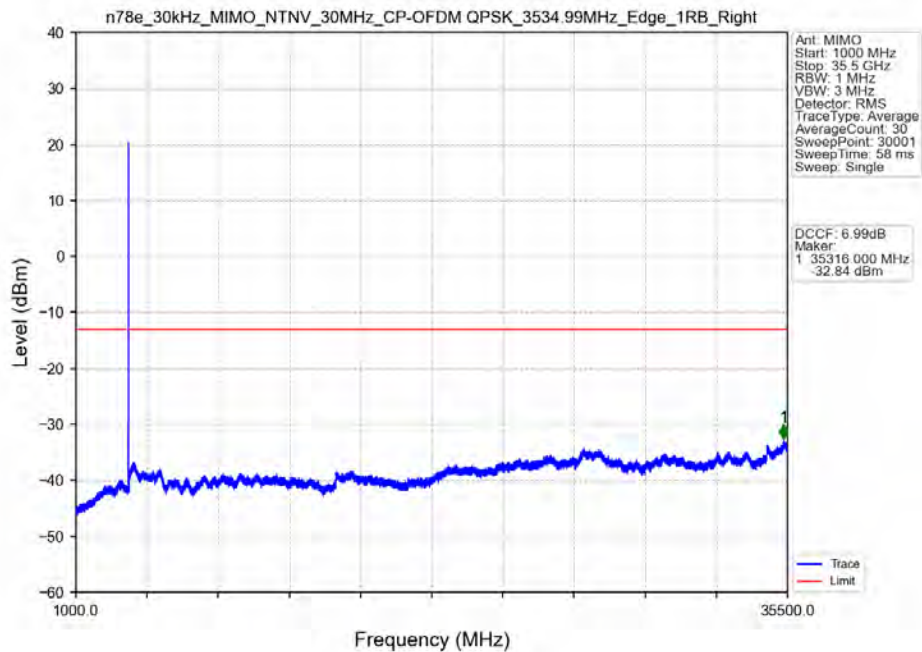


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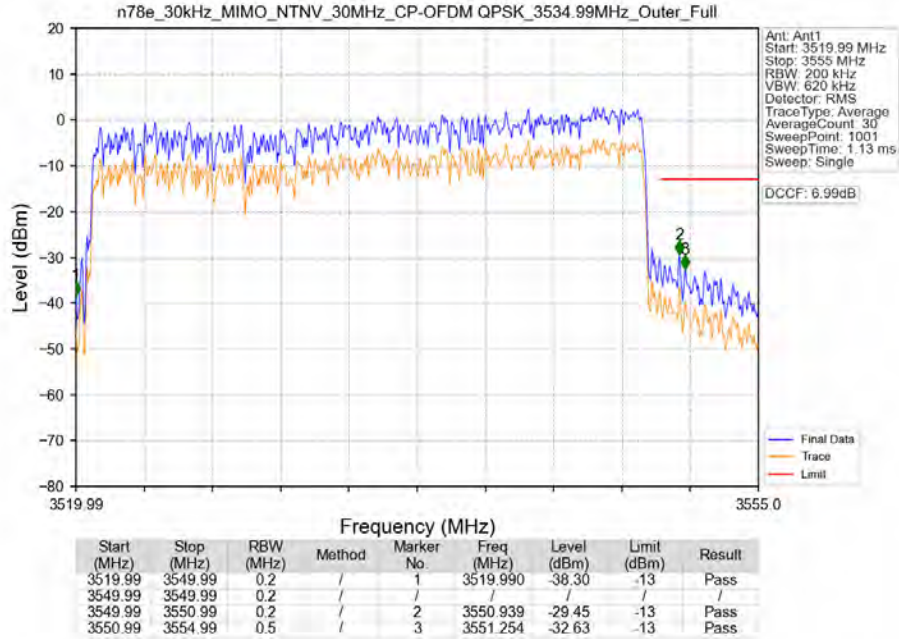
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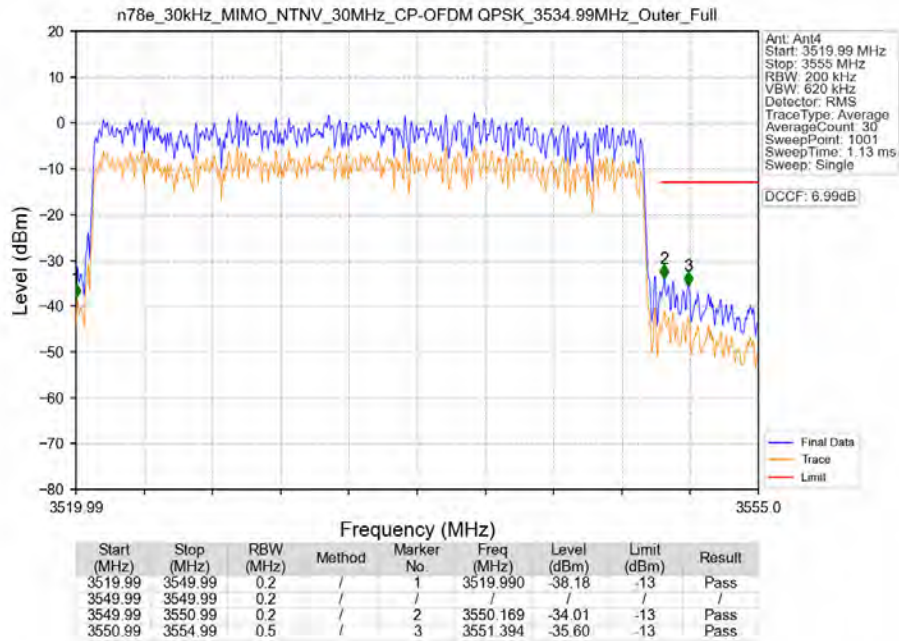


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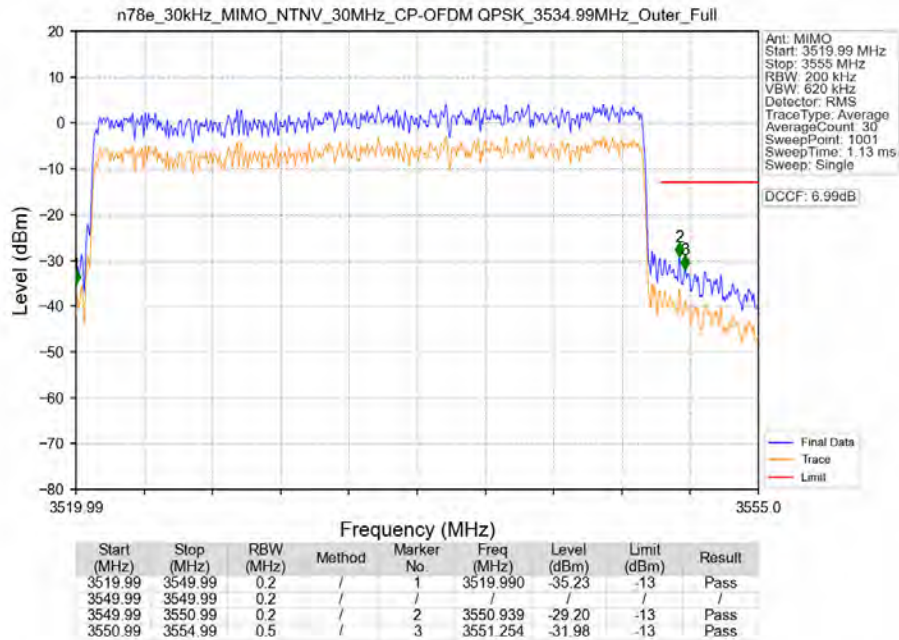
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n78e_30kHz_MIMO_NTNV_30MHz_CP-OFDM QPSK_3534.99MHz_Outer_Full



n78e_30kHz_MIMO_NTNV_30MHz_CP-OFDM QPSK_3534.99MHz_Inner_1RB_Right



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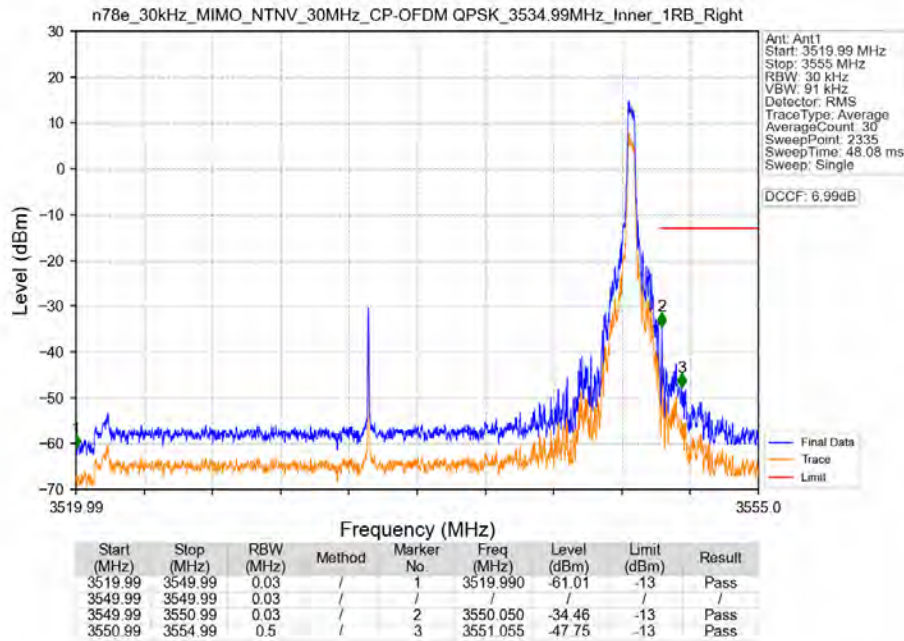


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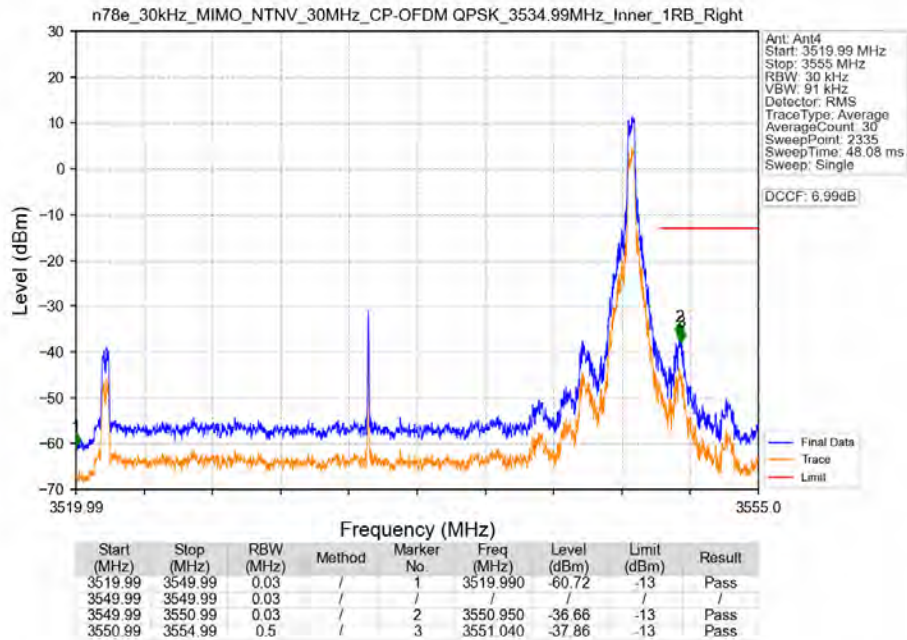
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n78e_30kHz_MIMO_NTNV_30MHz_CP-OFDM_QPSK_3534.99MHz_Inner_1RB_Right



n78e_30kHz_MIMO_NTNV_30MHz_CP-OFDM_QPSK_3534.99MHz_Inner_1RB_Right



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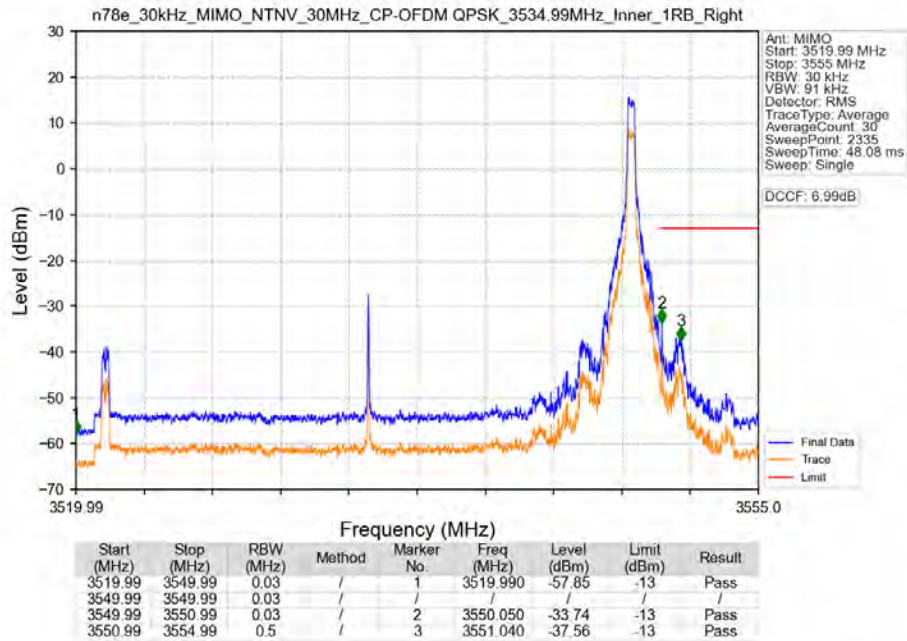


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5.12 30k_MIMO_40MHz_NTNV

5.12.1 Test Result

5G NR n78e SCS=30kHz MIMO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant4	Sum	Limit	
CP-OFDM QPSK	3470.01	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
	3529.98	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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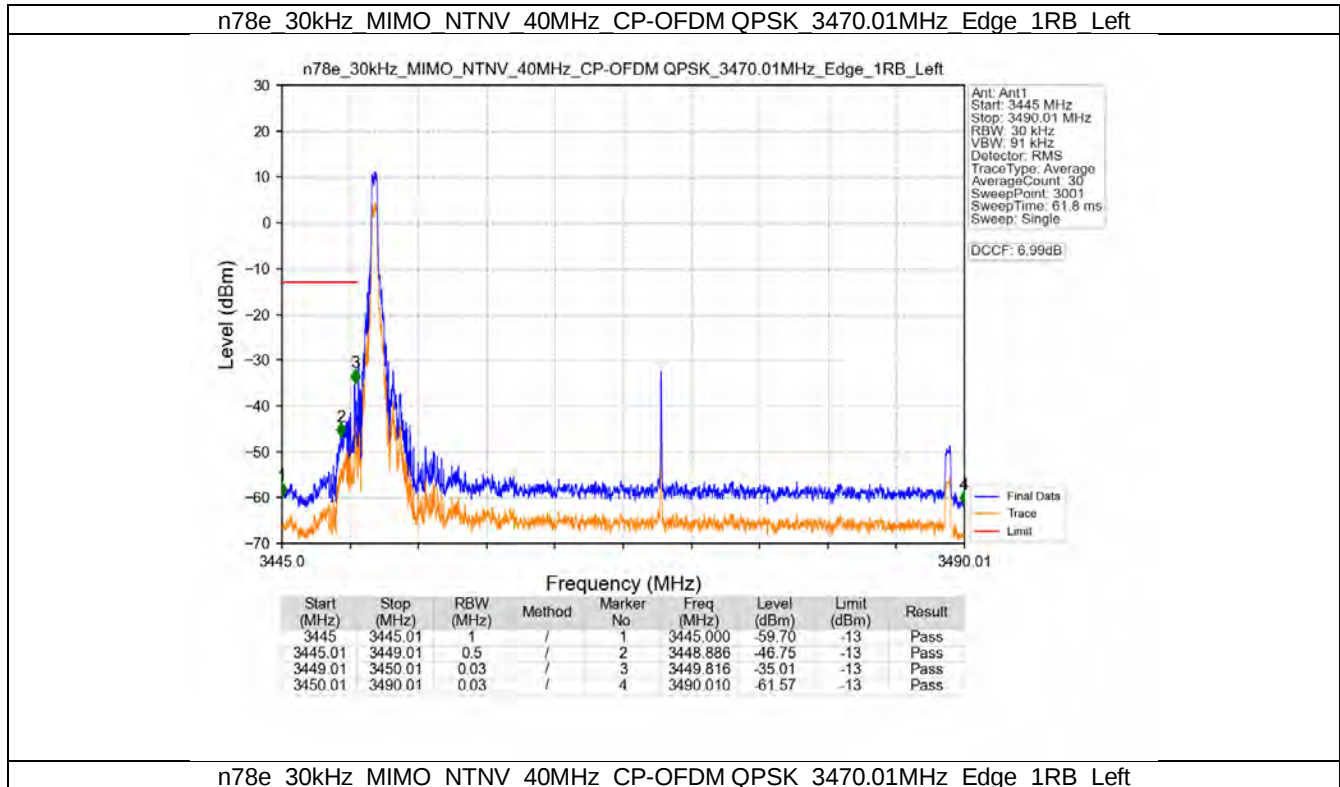
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5.12.2 Test Graph



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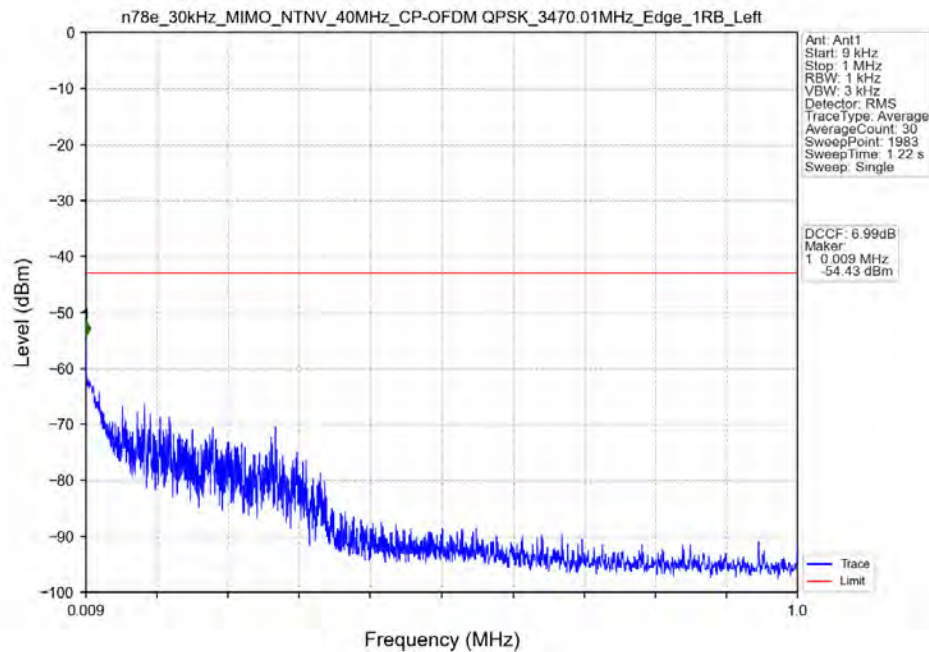


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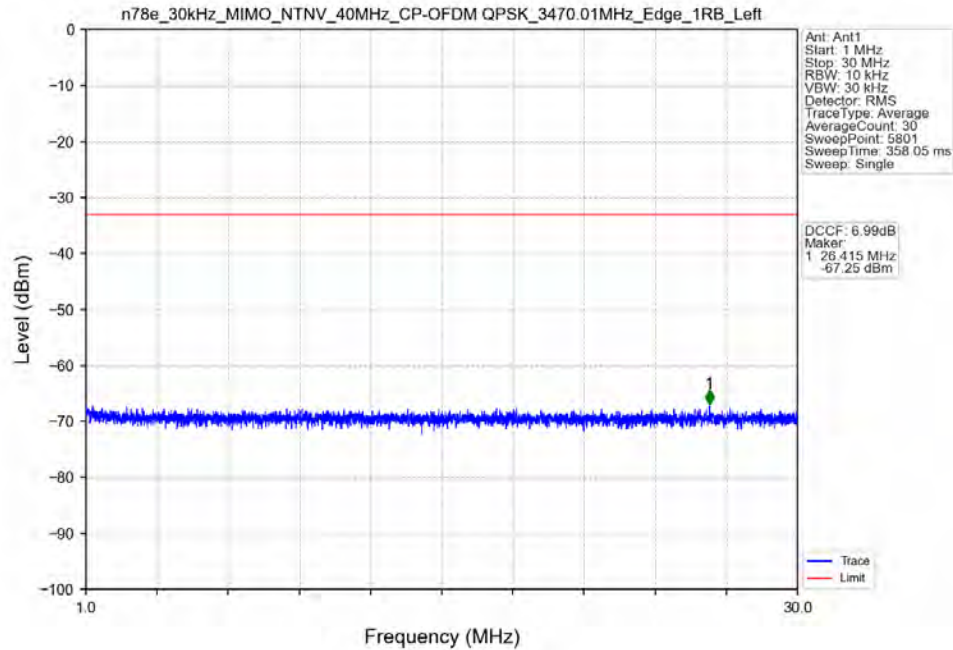
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n78e_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3470.01MHz_Edge_1RB_Left



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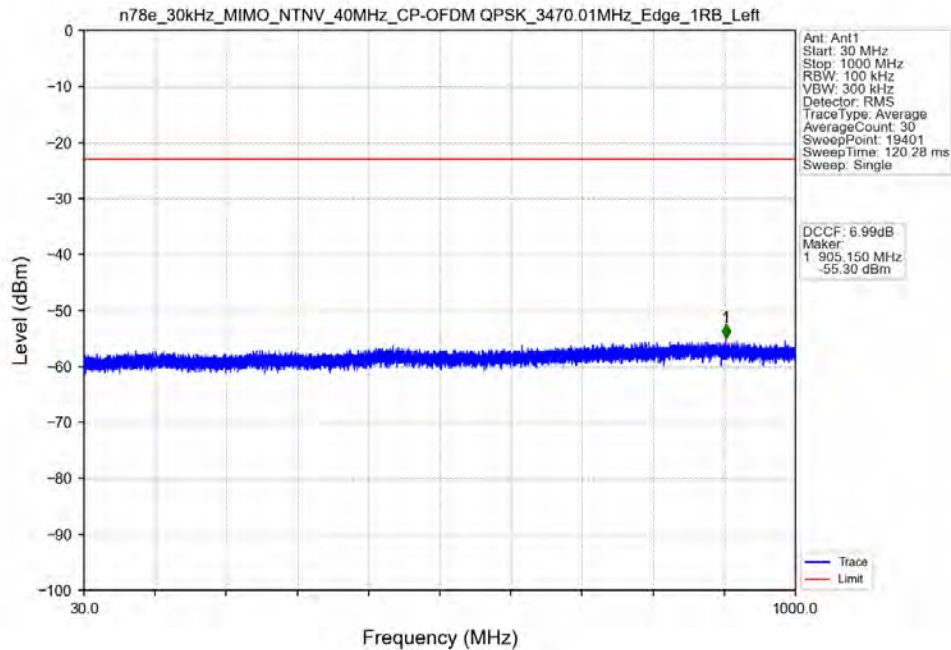


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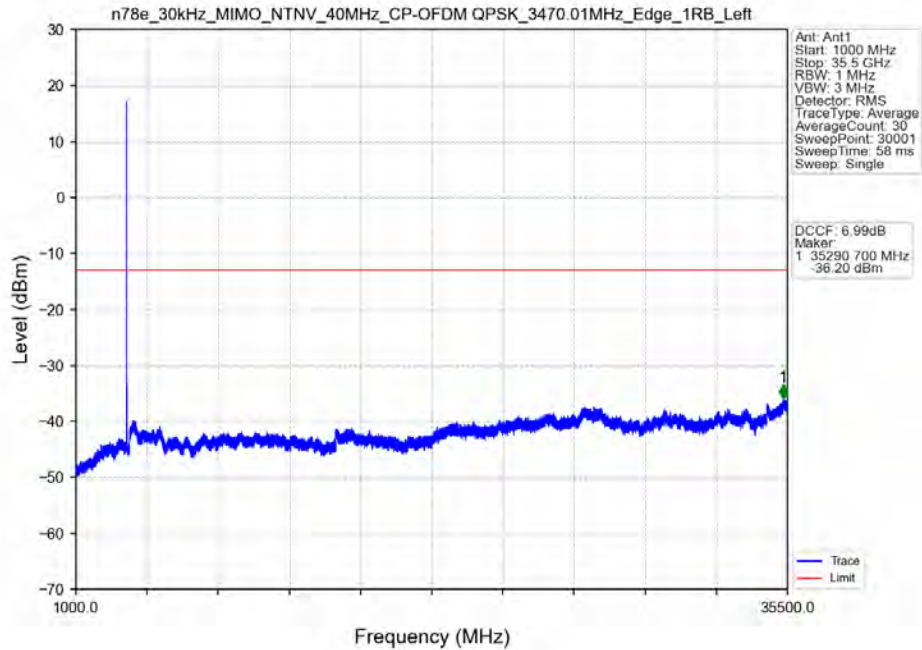
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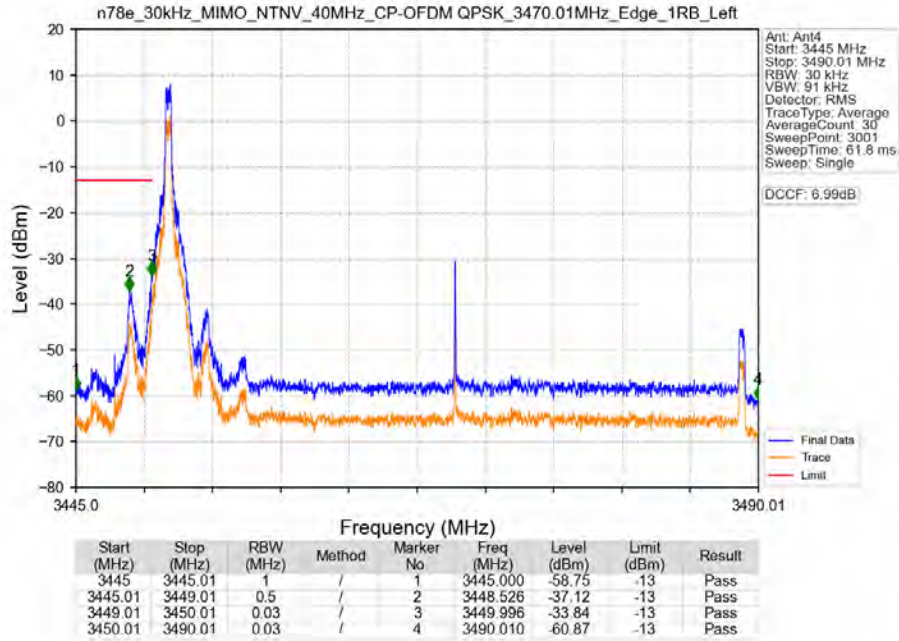


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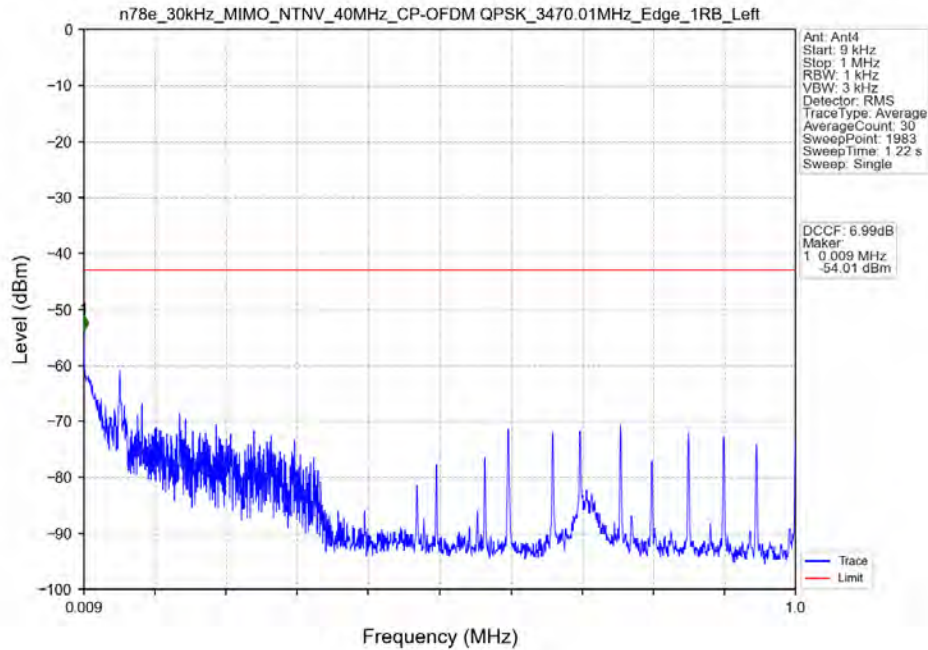
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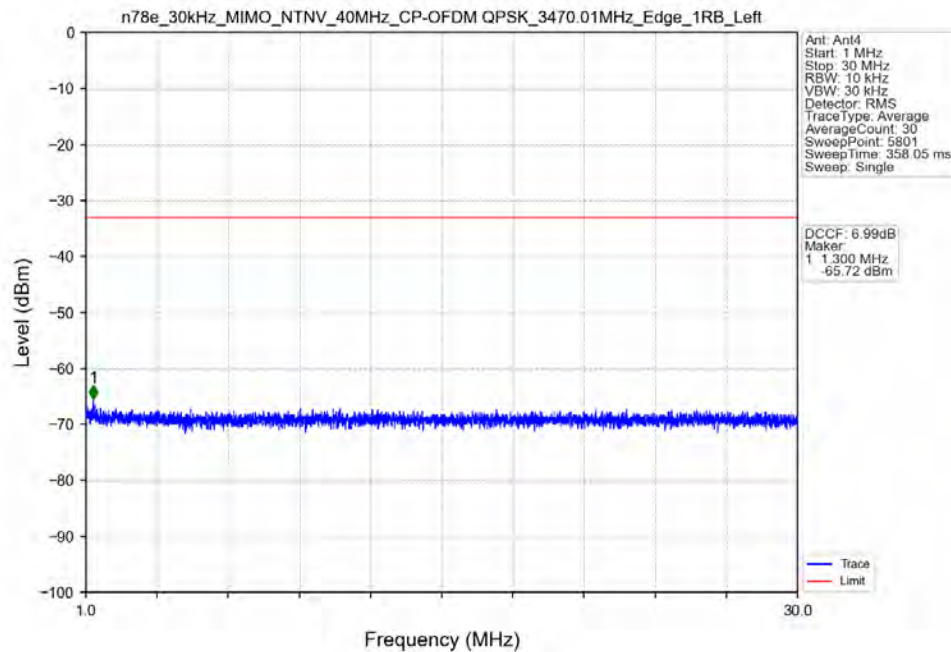


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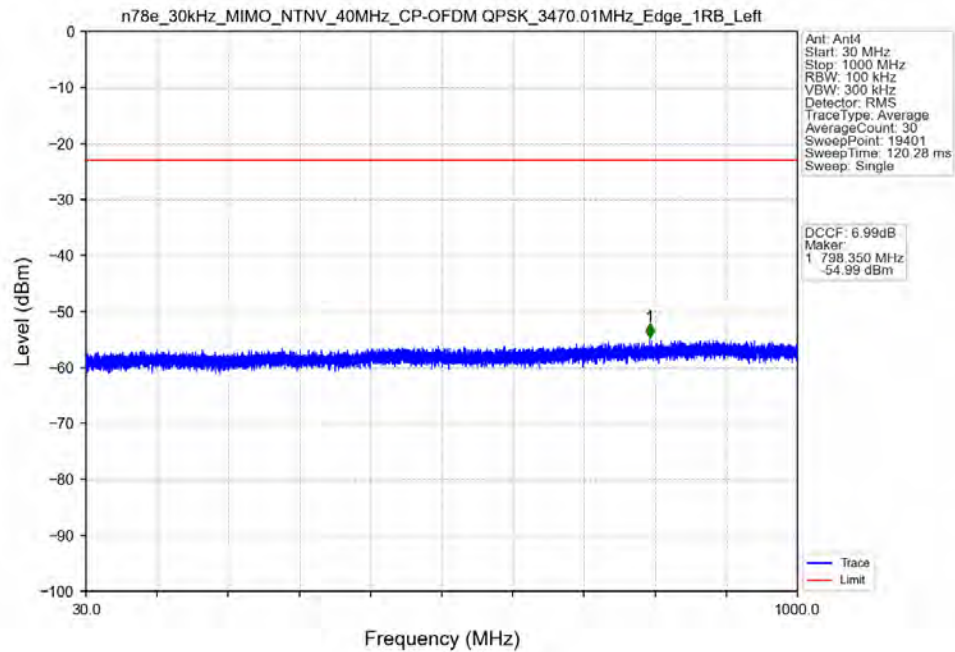
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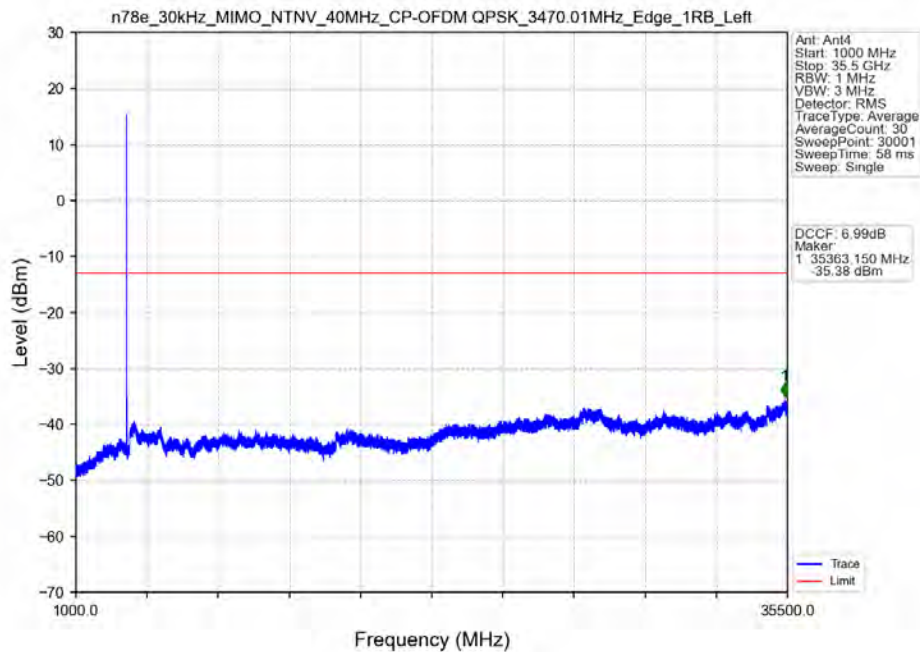


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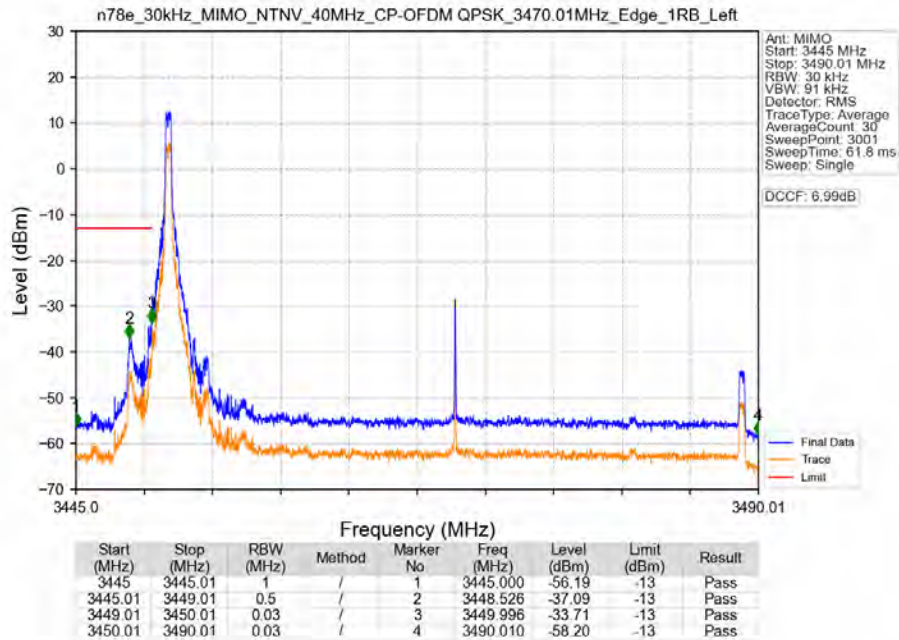
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n78e_30kHz_MIMO_NTNV_40MHz_CP-OFDM_QPSK_3470.01MHz_Edge_1RB_Left



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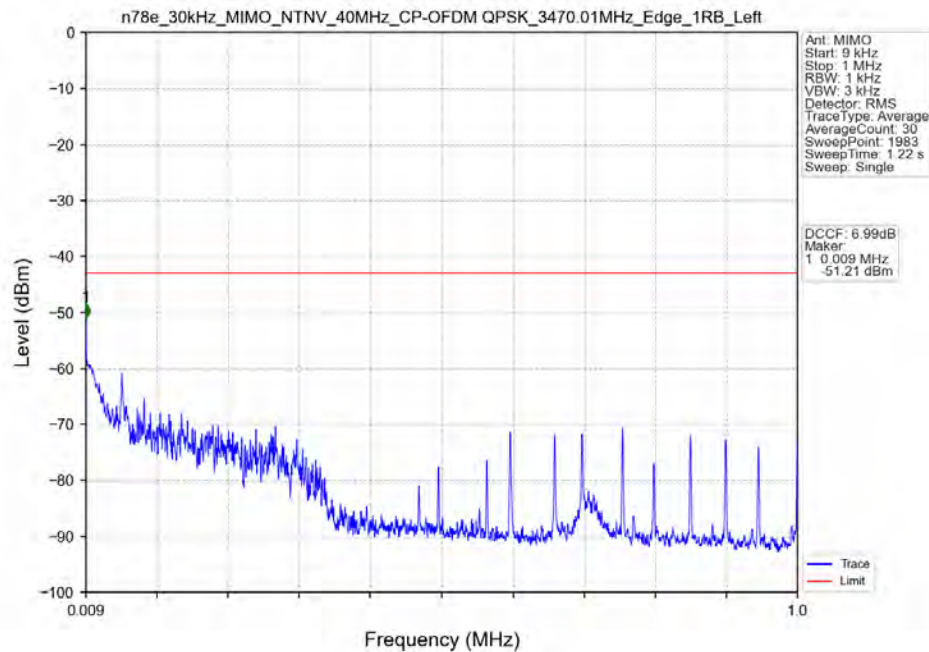


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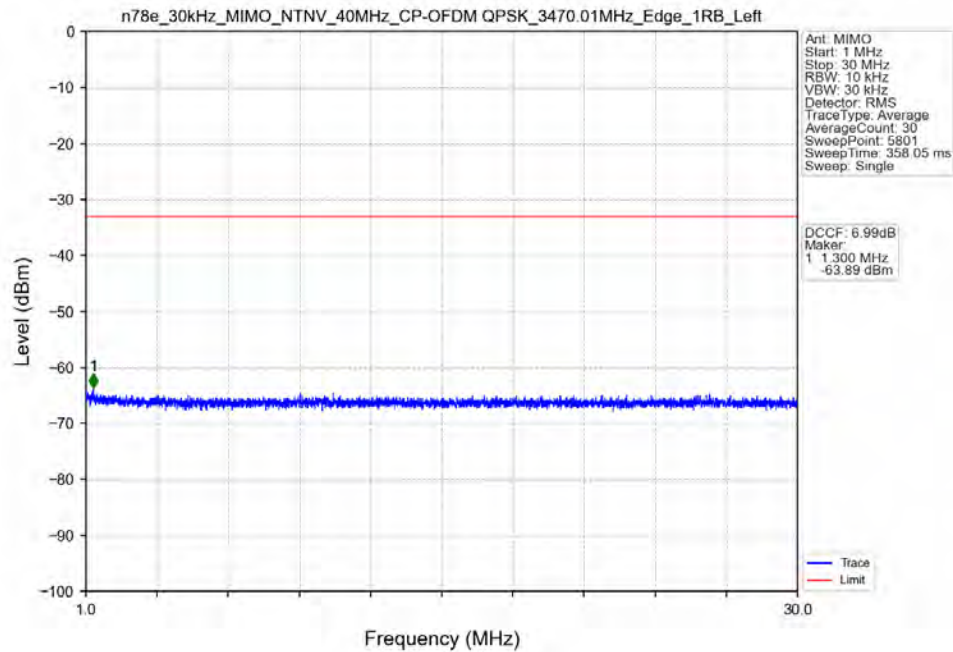
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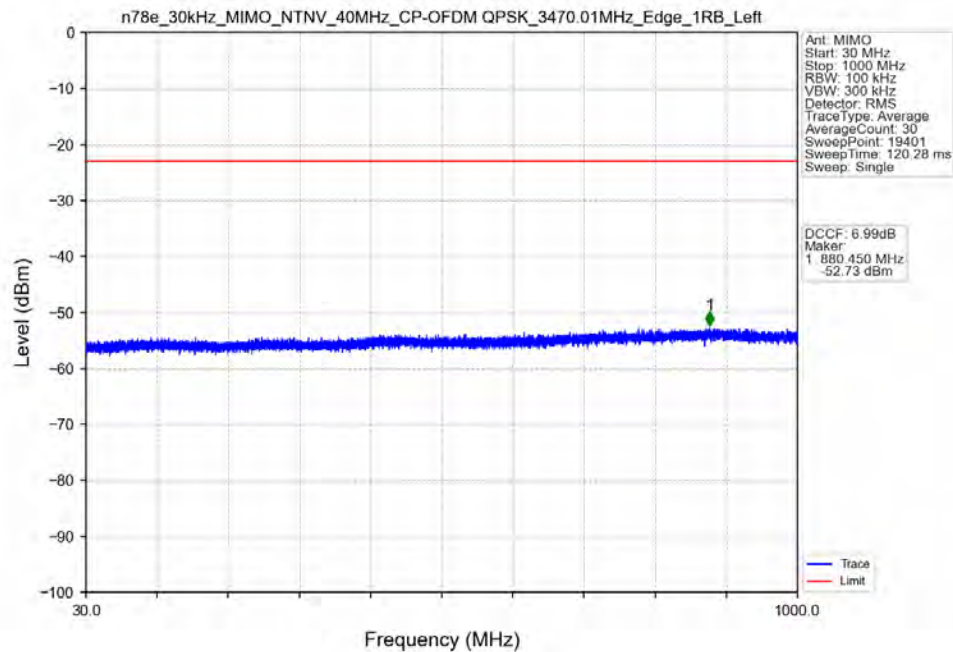


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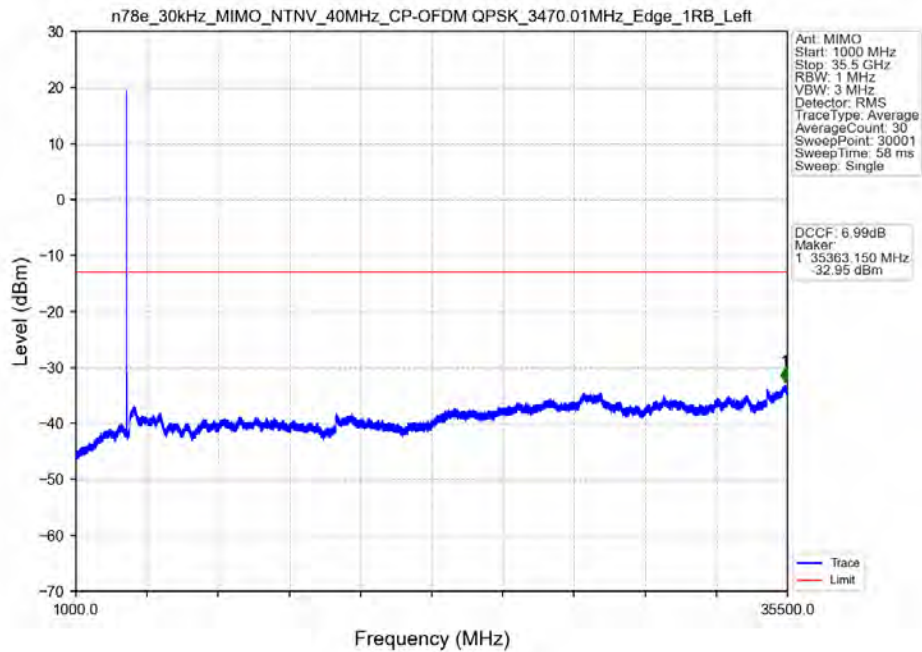
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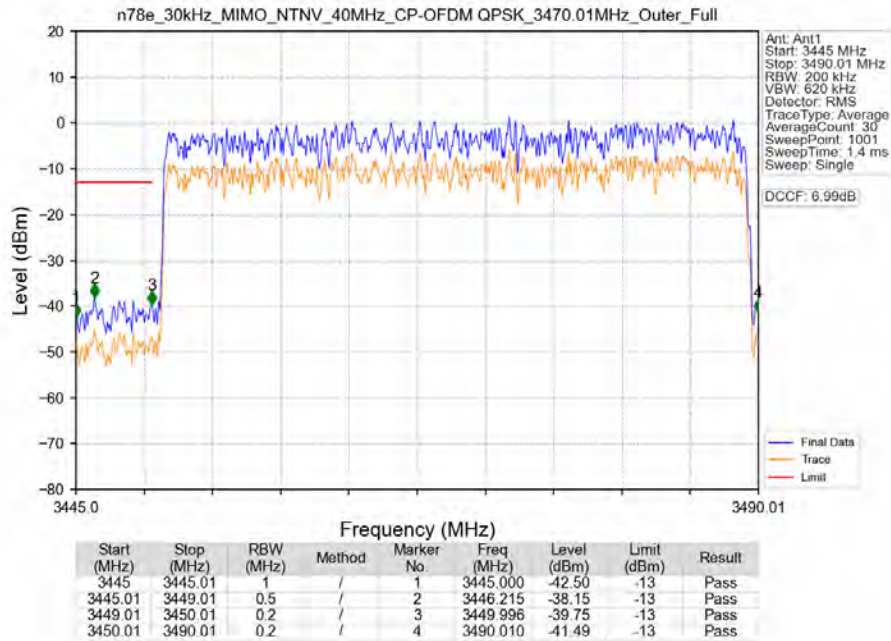


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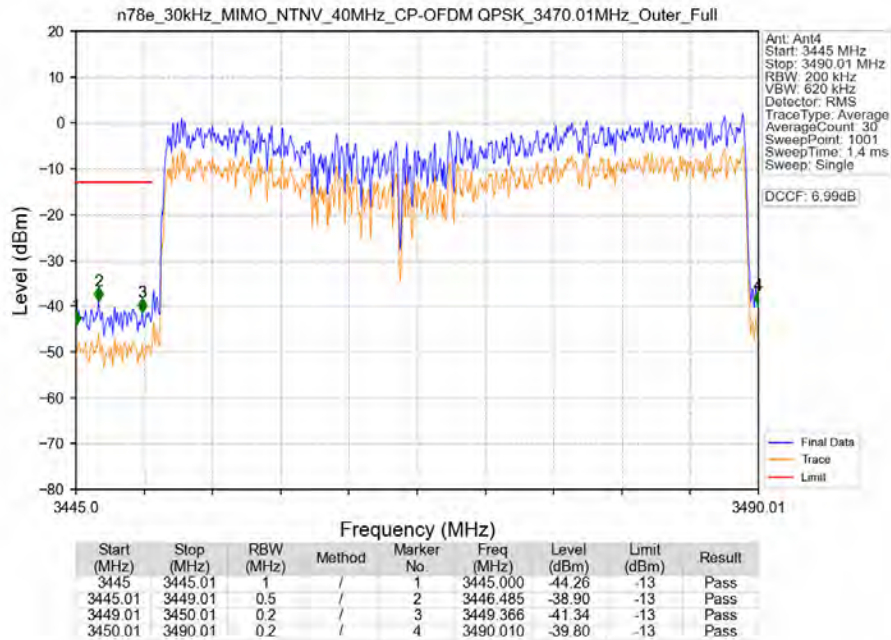
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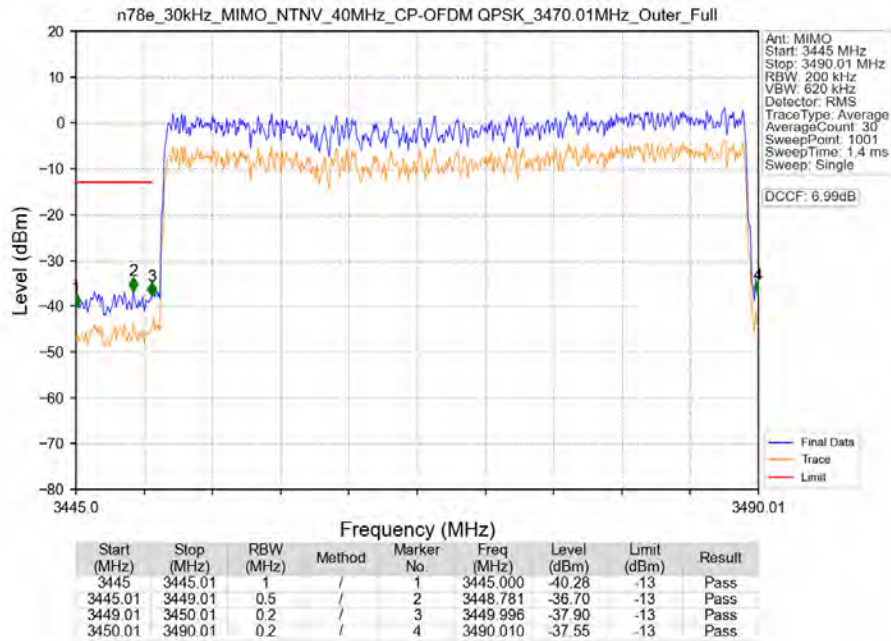


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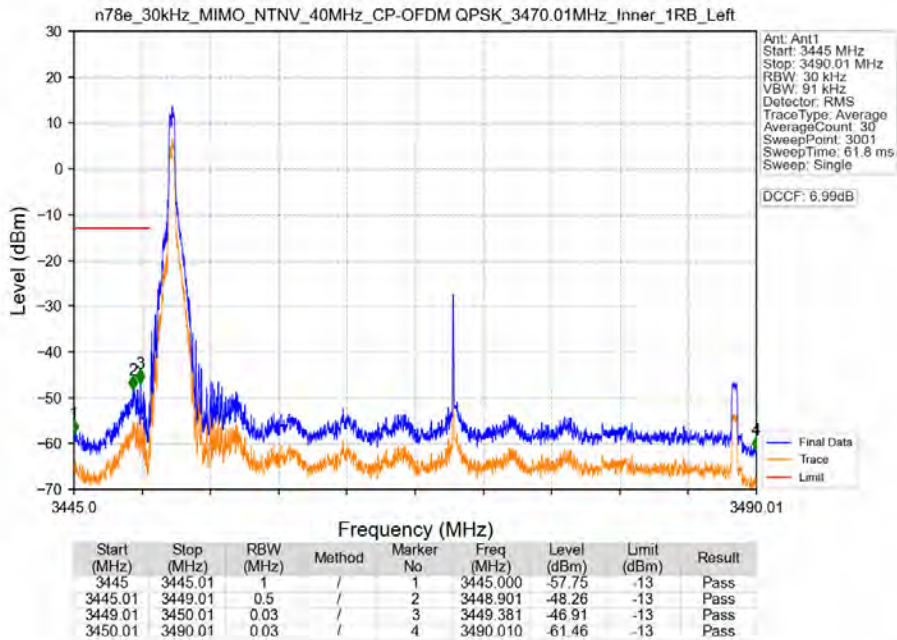
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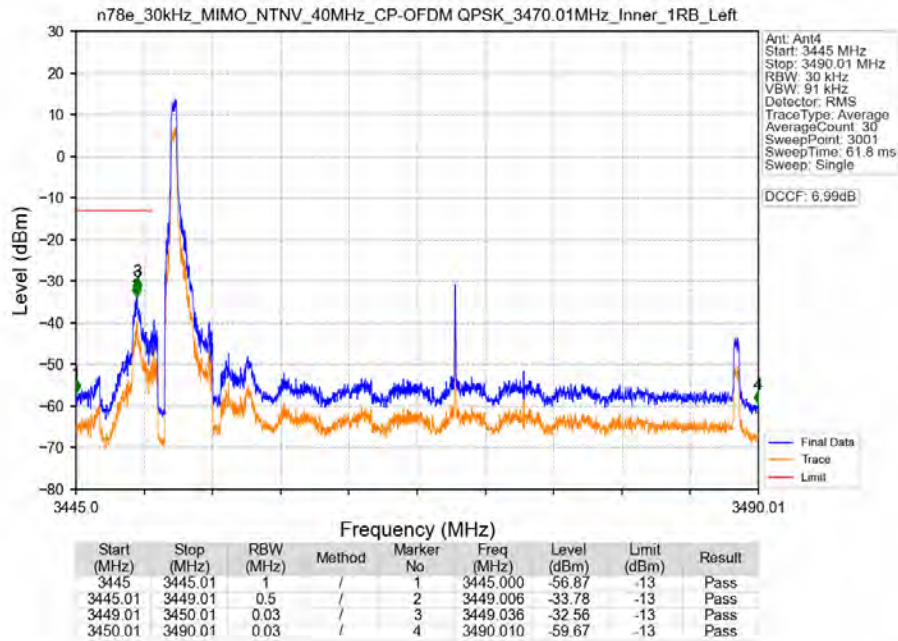


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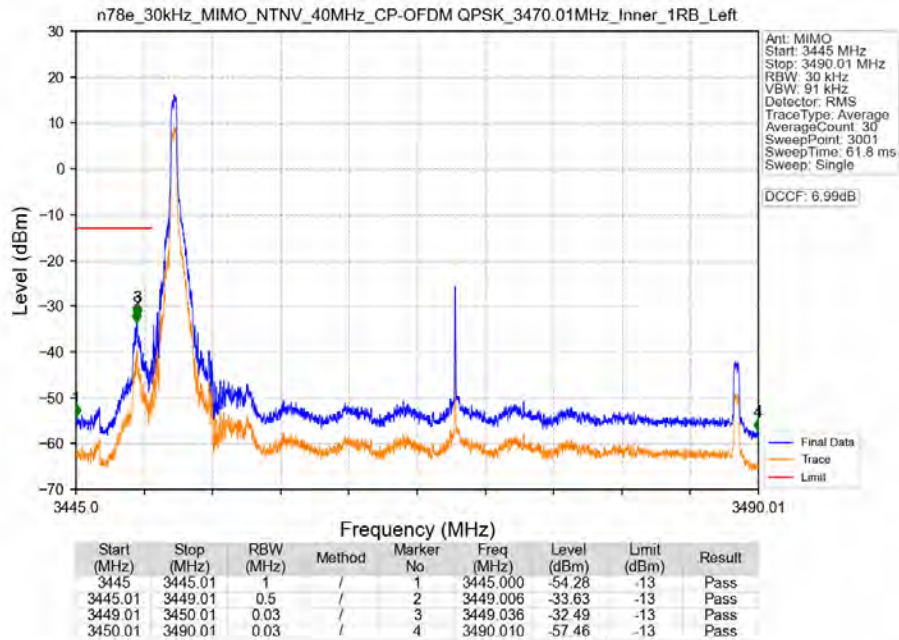
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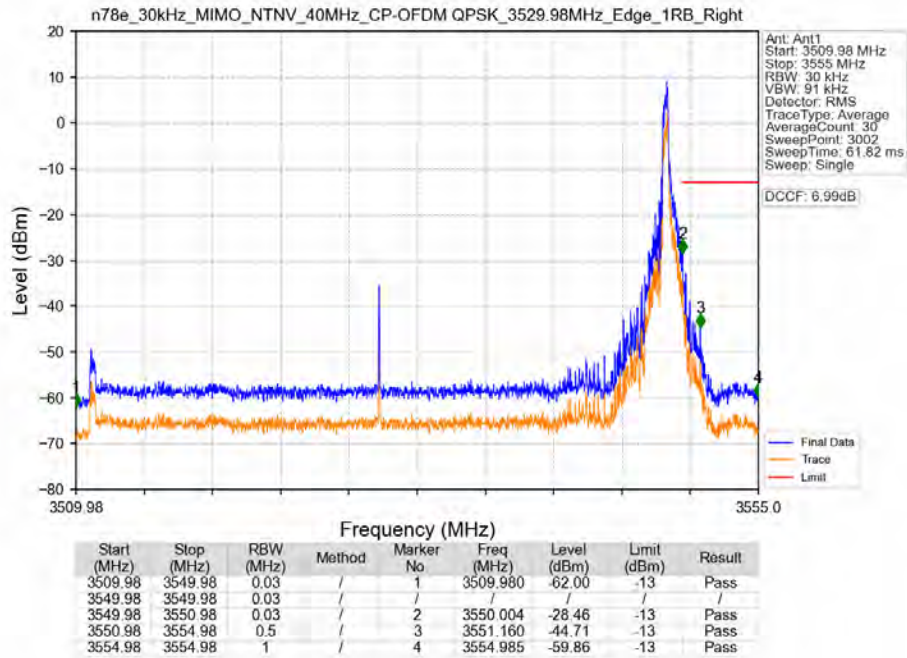


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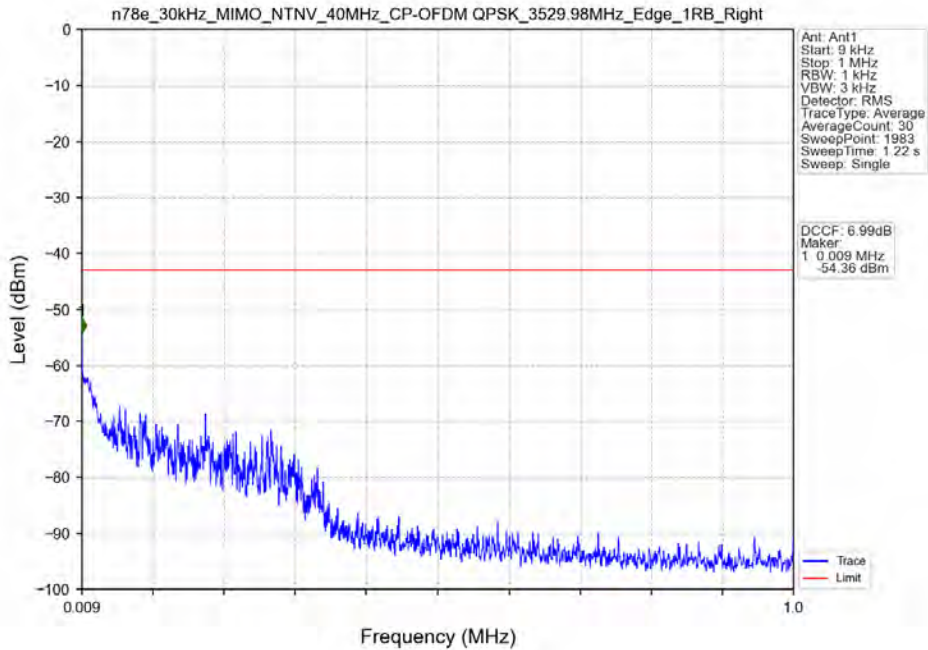
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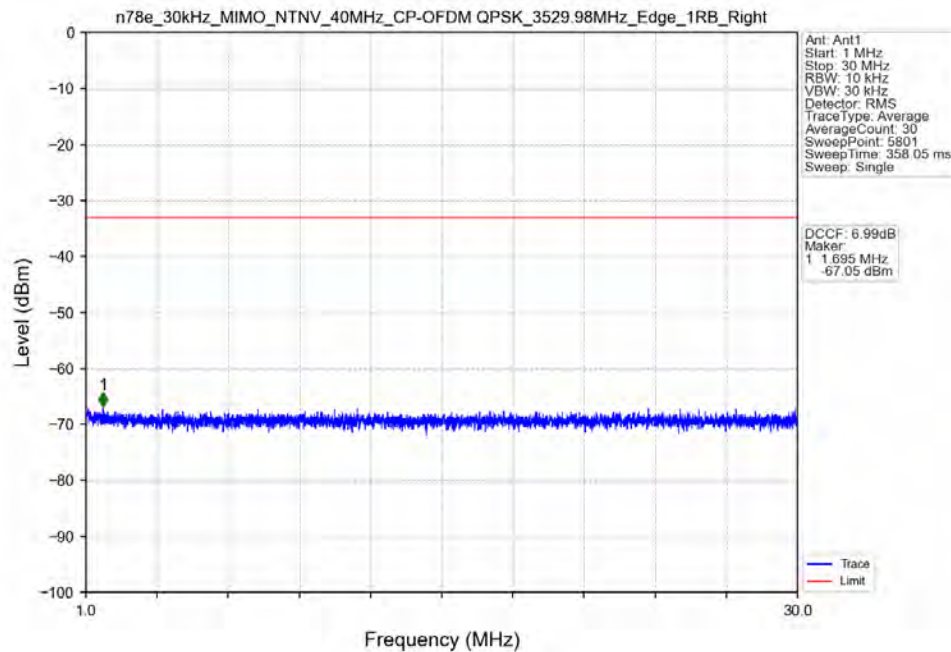


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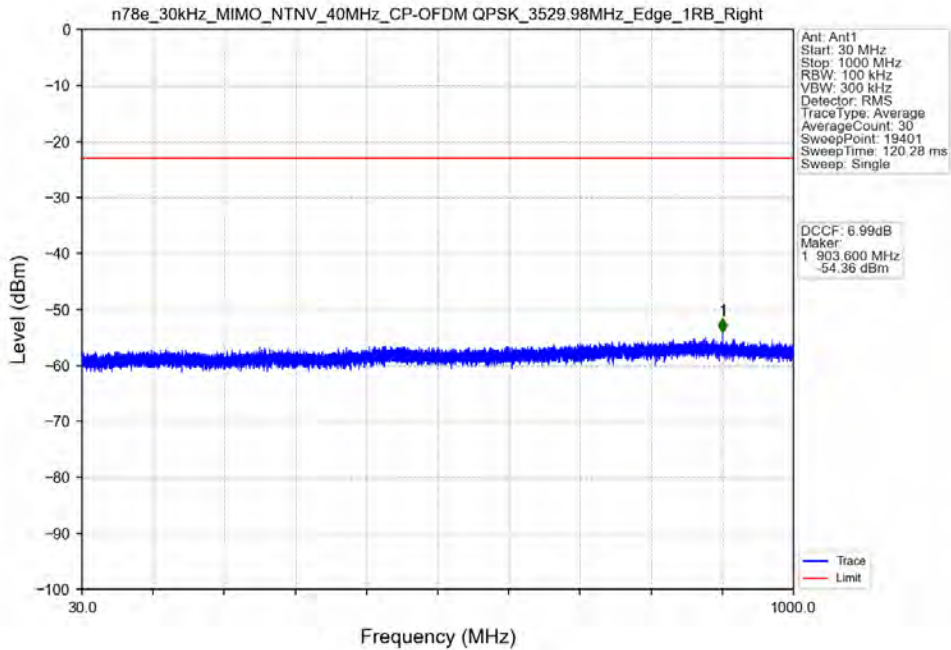
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n78e_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3529.98MHz_Edge_1RB_Right



n78e_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3529.98MHz_Edge_1RB_Right



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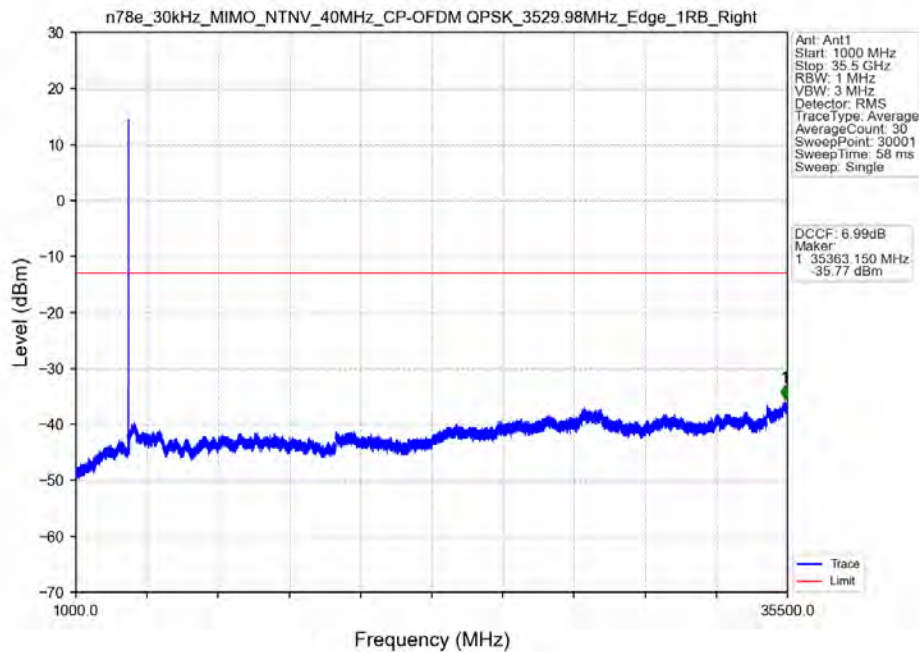


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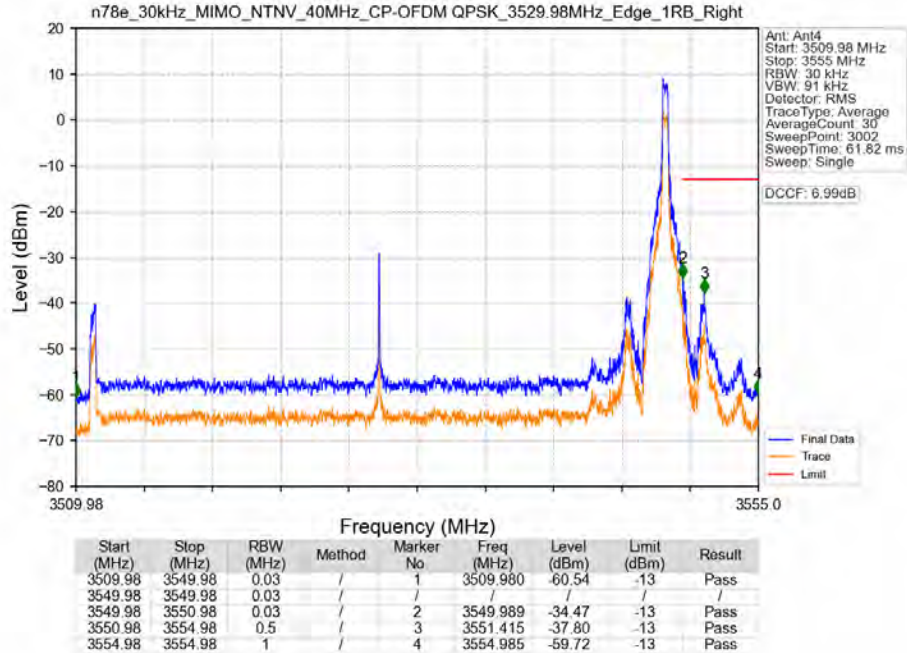
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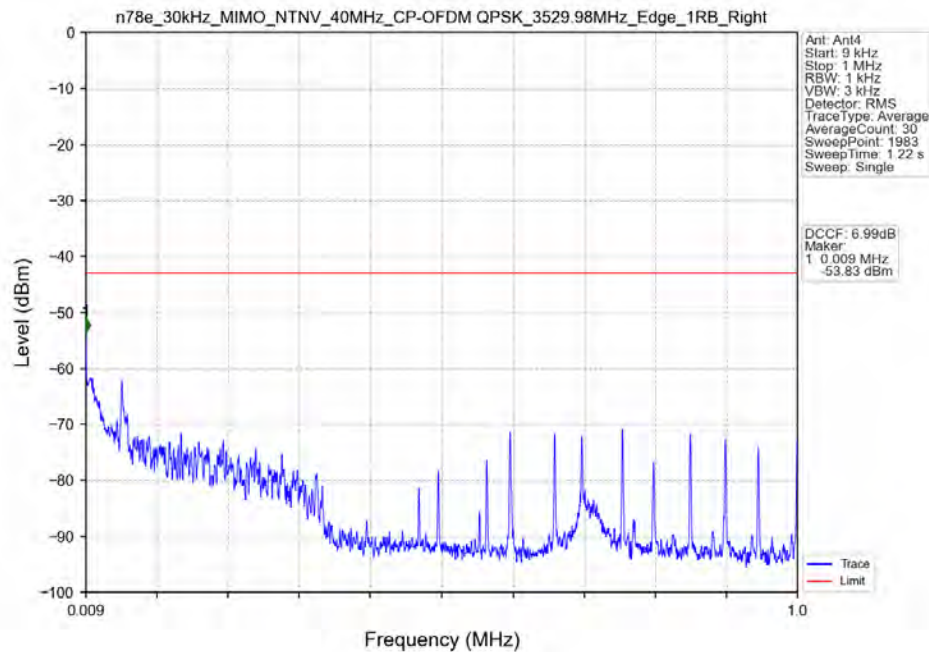


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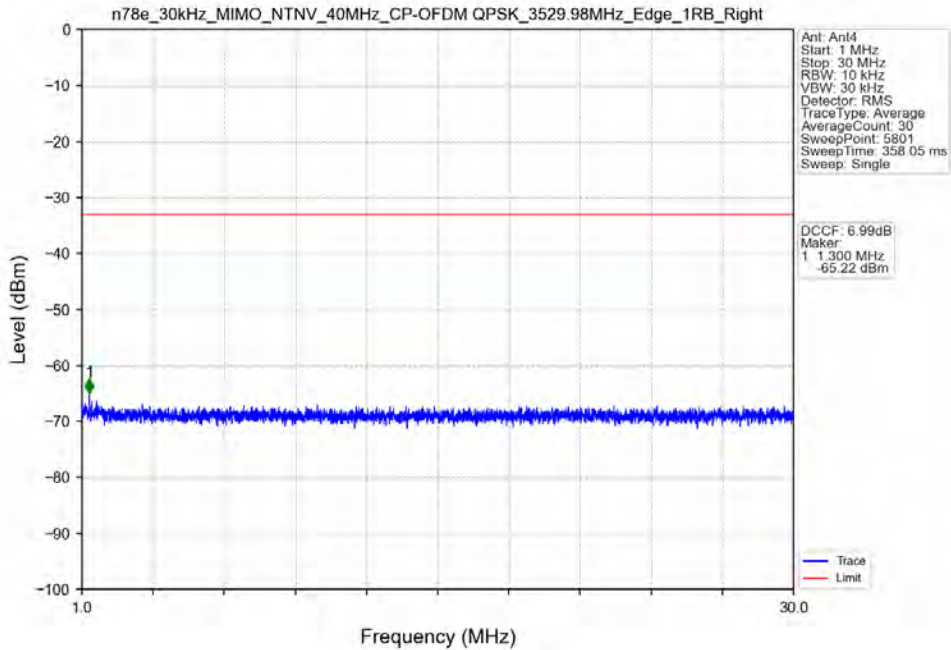
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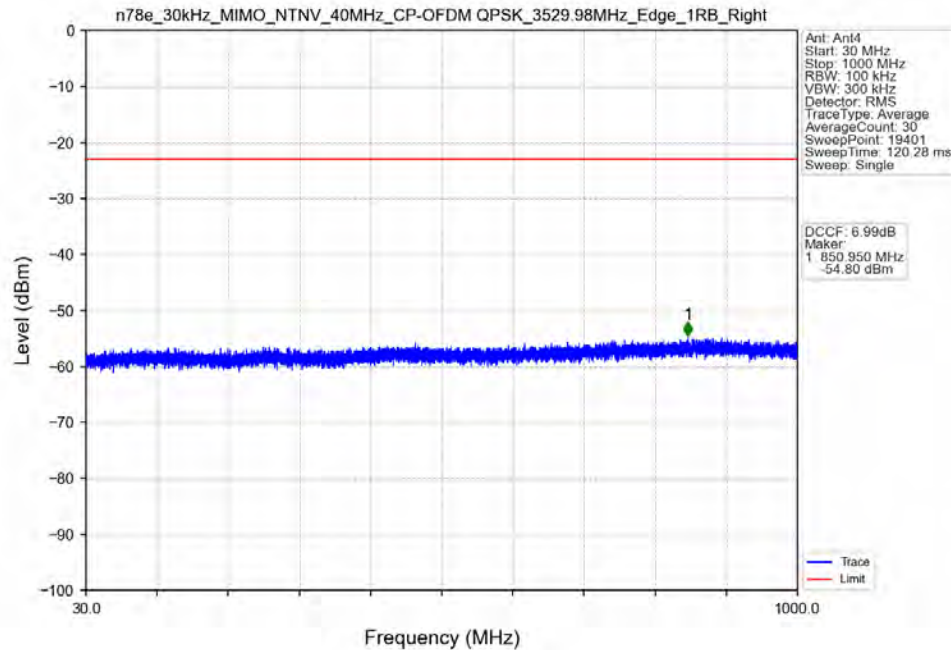


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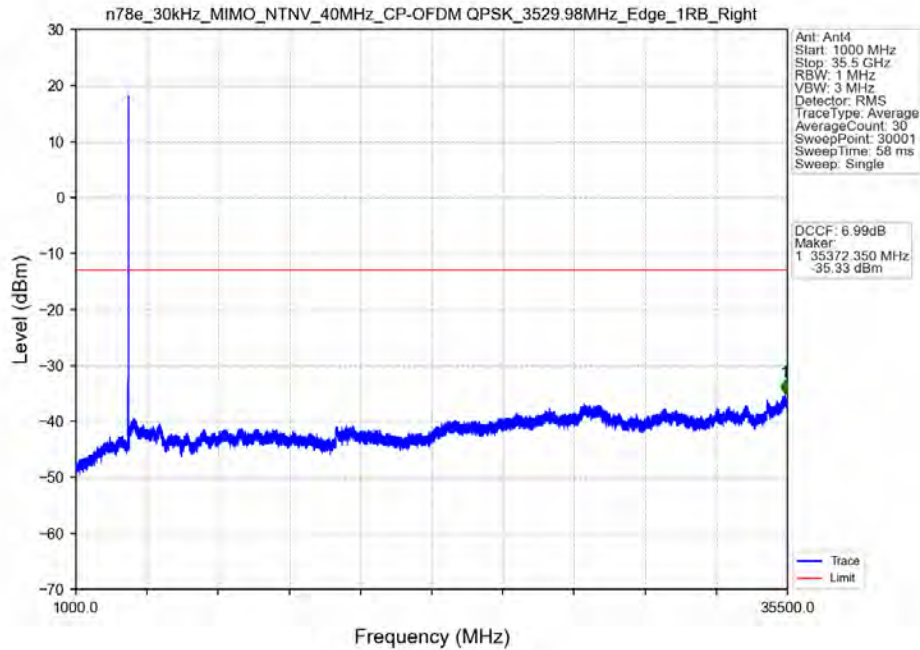
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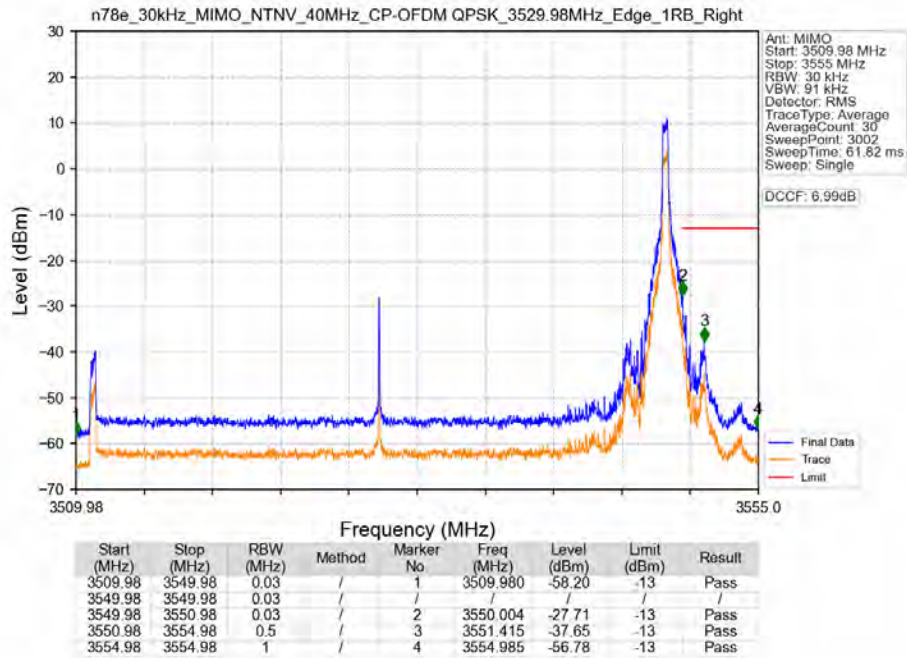


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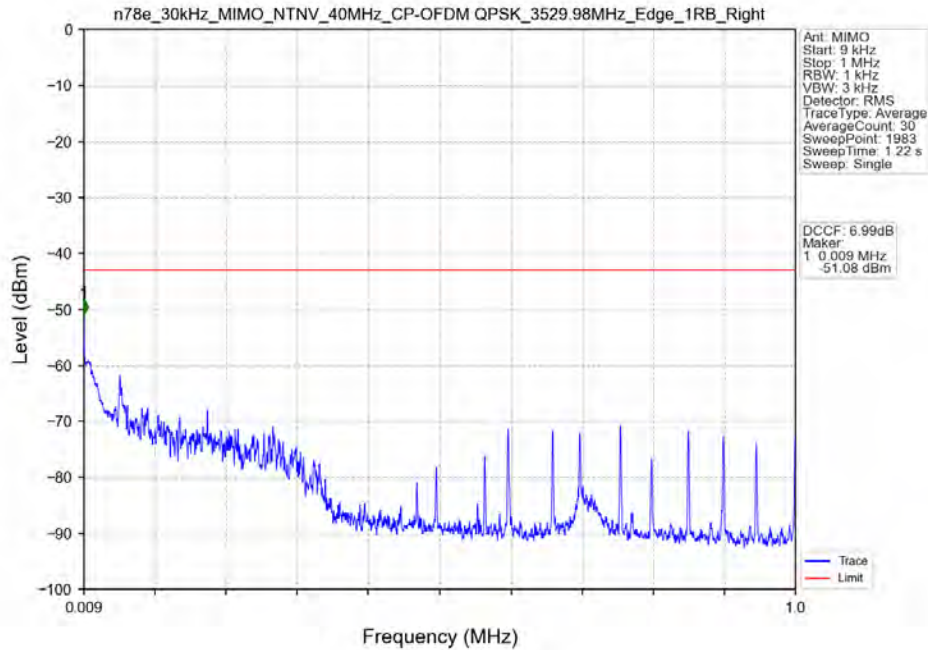
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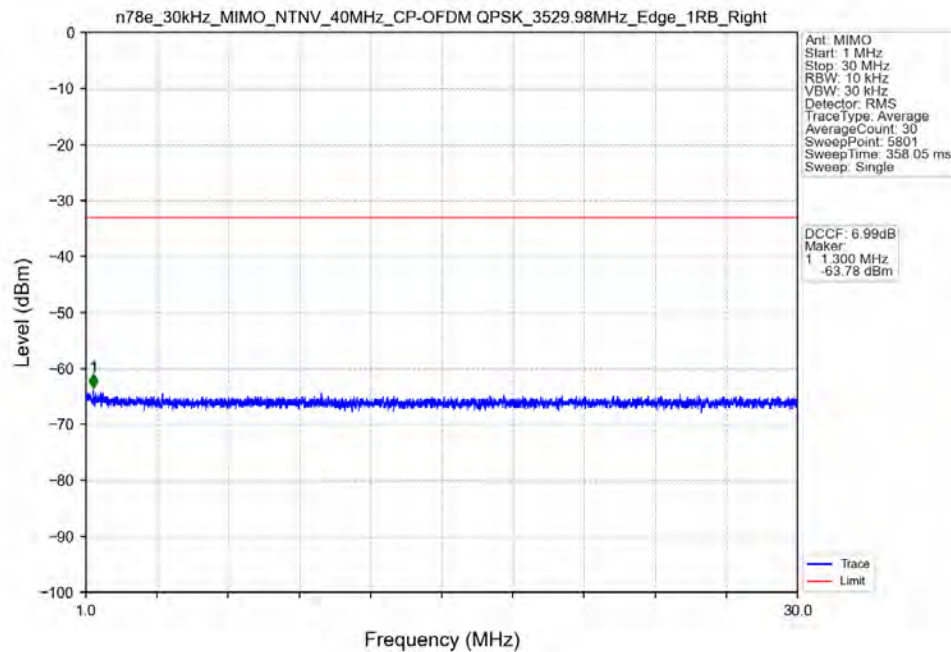


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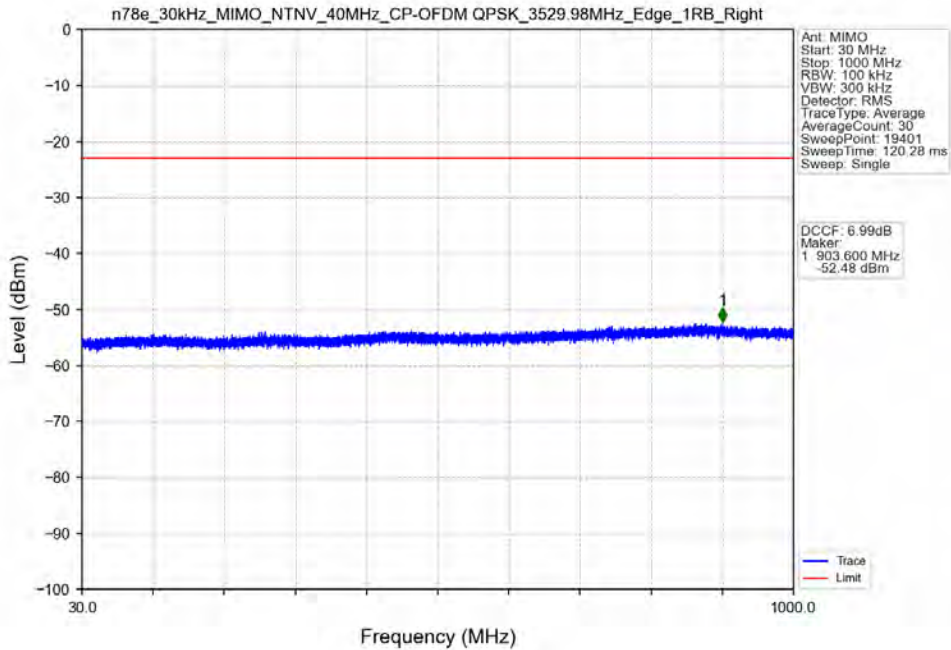
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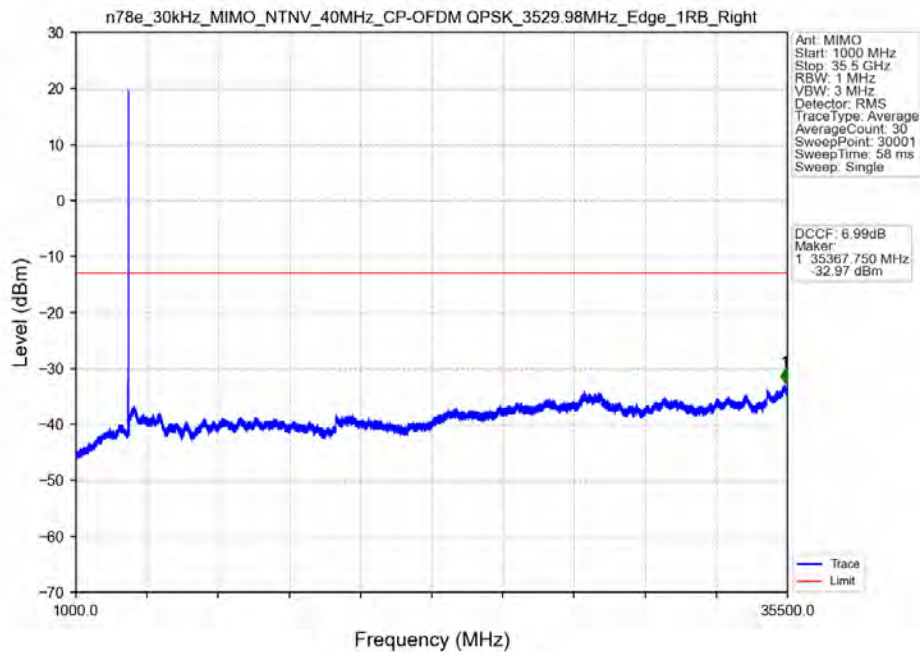


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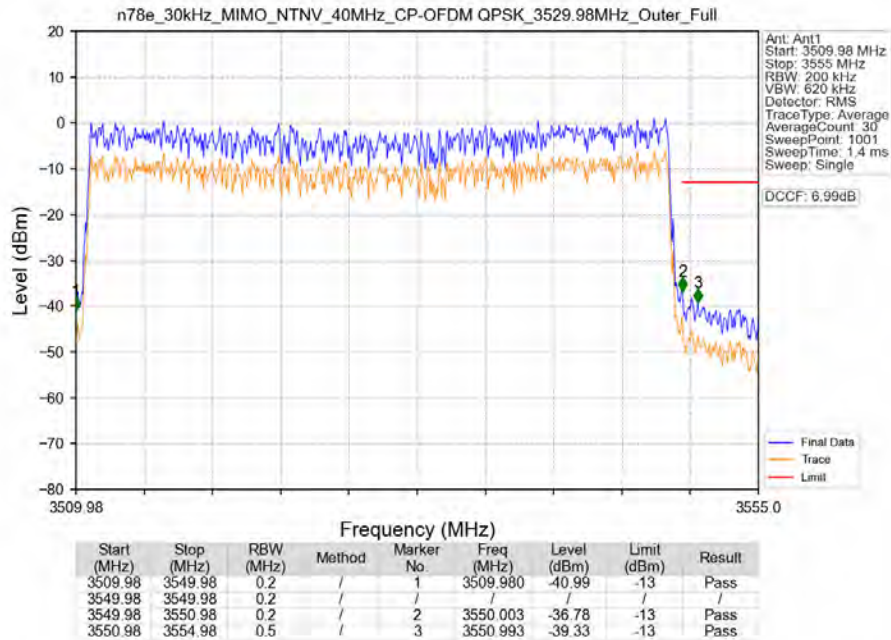
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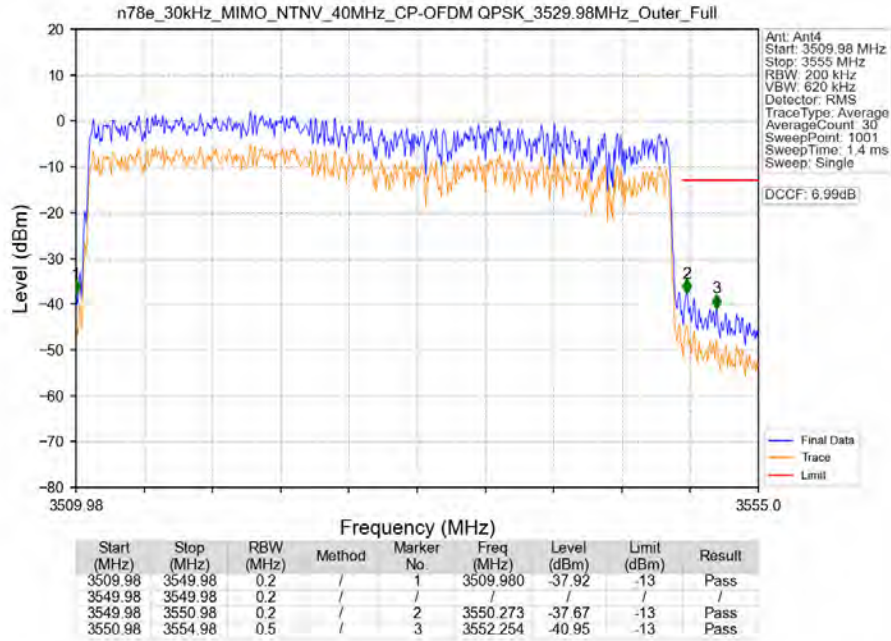


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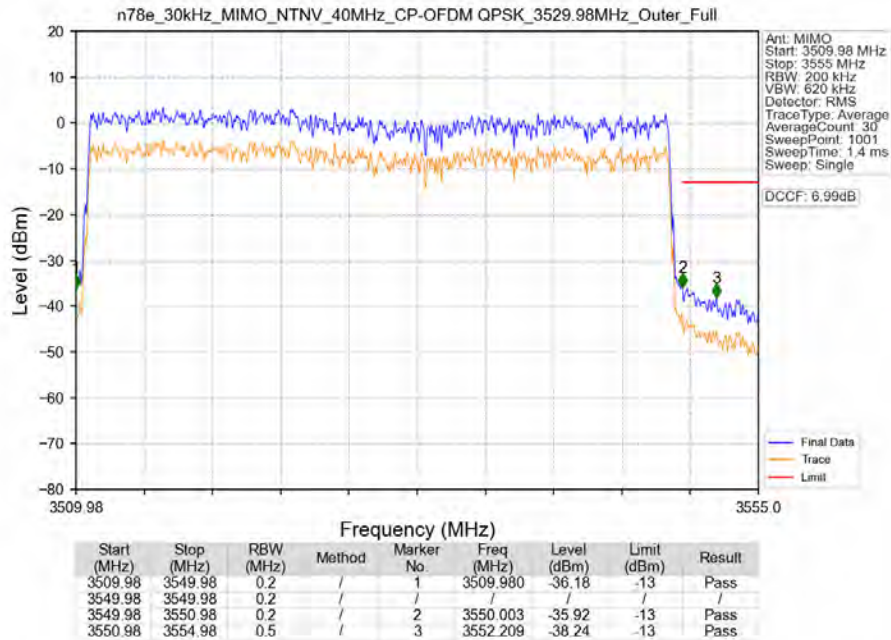
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n78e_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3529.98MHz_Outer_Full



n78e_30kHz_MIMO_NTNV_40MHz_CP-OFDM QPSK_3529.98MHz_Inner_1RB_Right



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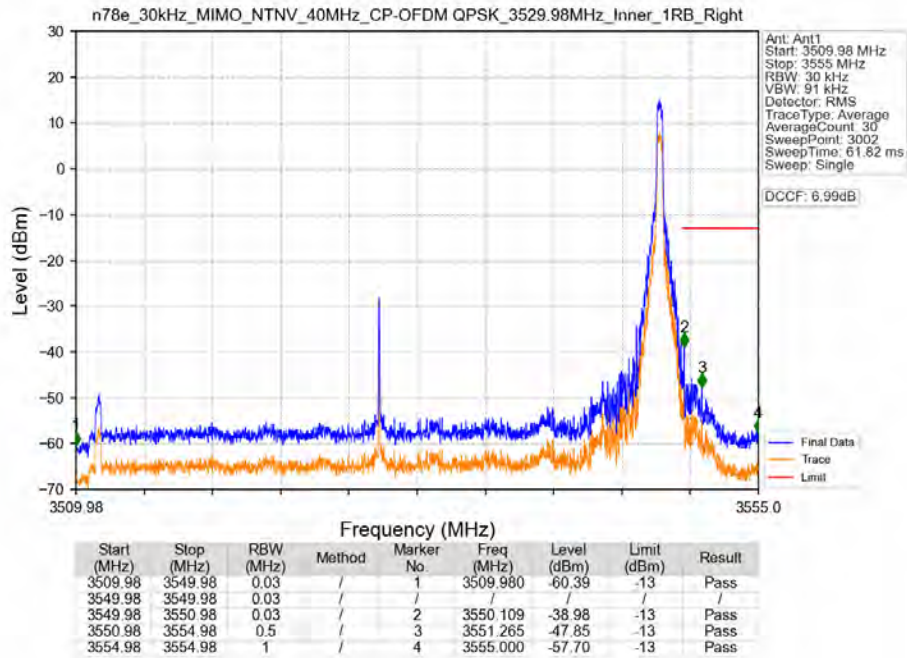


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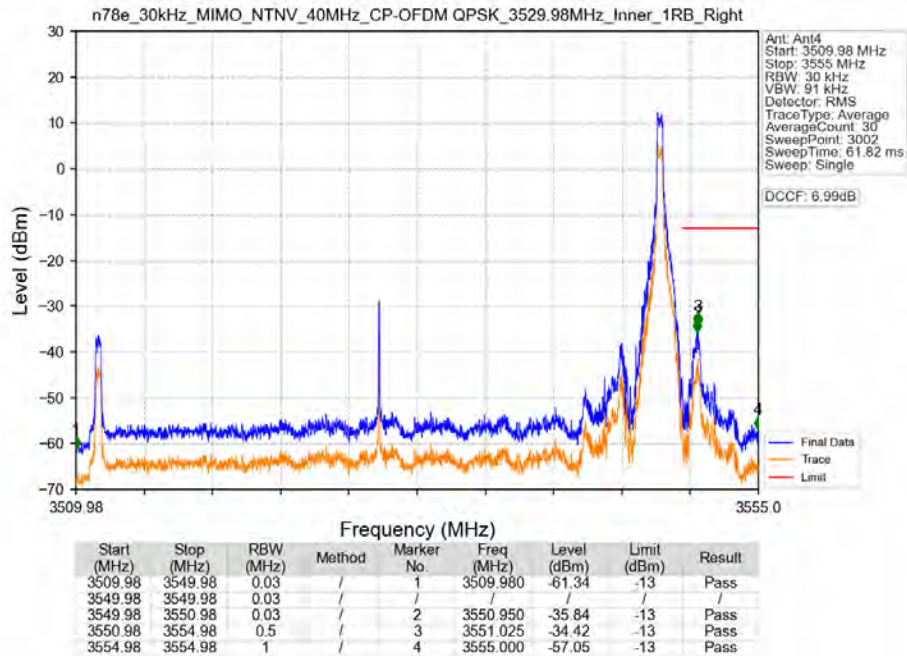
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n78e_30kHz_MIMO_NTNV_40MHz_CP-OFDM_QPSK_3529.98MHz_Inner_1RB_Right



n78e_30kHz_MIMO_NTNV_40MHz_CP-OFDM_QPSK_3529.98MHz_Inner_1RB_Right



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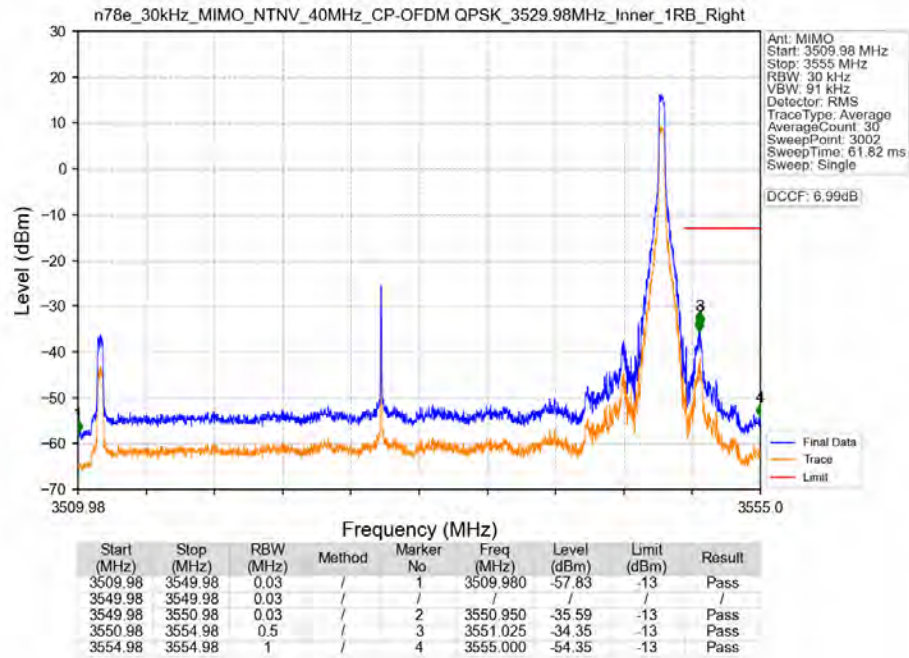


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5.13 30k_MIMO_50MHz_NTNV

5.13.1 Test Result

5G NR n78e SCS=30kHz MIMO 50MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant4	Sum	Limit	
CP-OFDM QPSK	3475.02	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
	3525	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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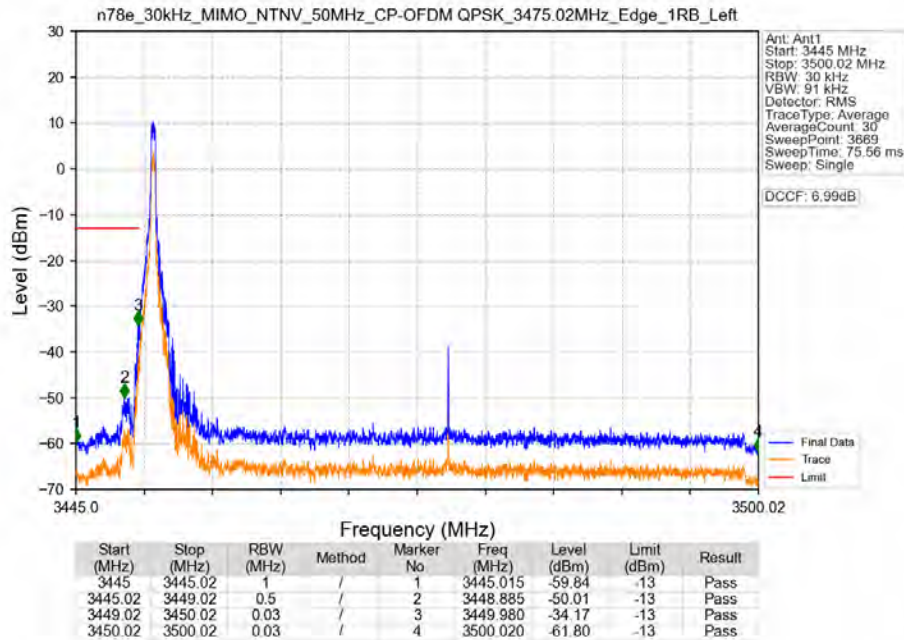
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5.13.2 Test Graph

n78e 30kHz MIMO NTN 50MHz CP-OFDM QPSK 3475.02MHz Edge 1RB Left



n78e 30kHz MIMO NTN 50MHz CP-OFDM QPSK 3475.02MHz Edge 1RB Left



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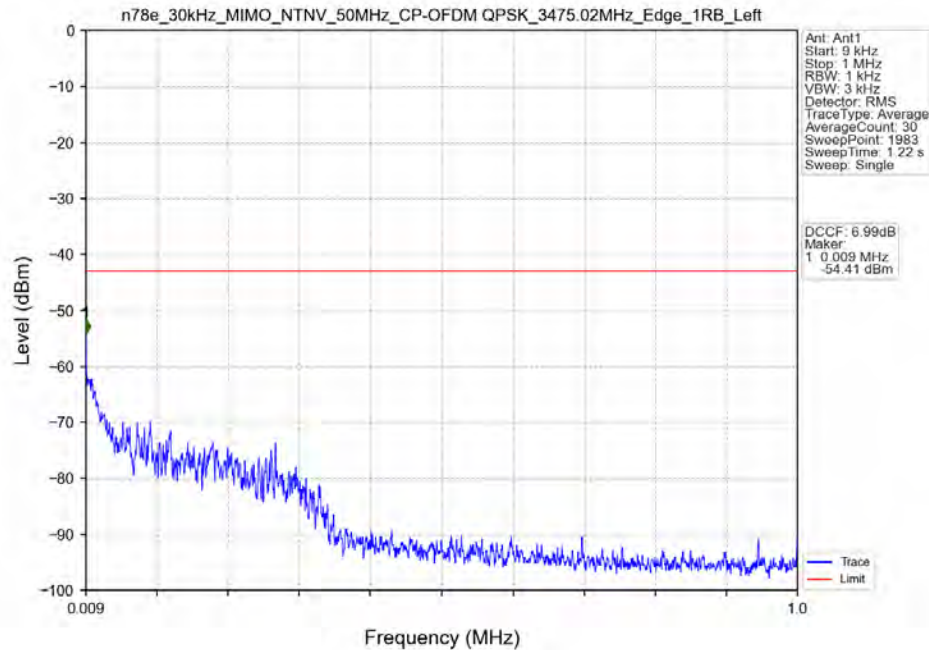


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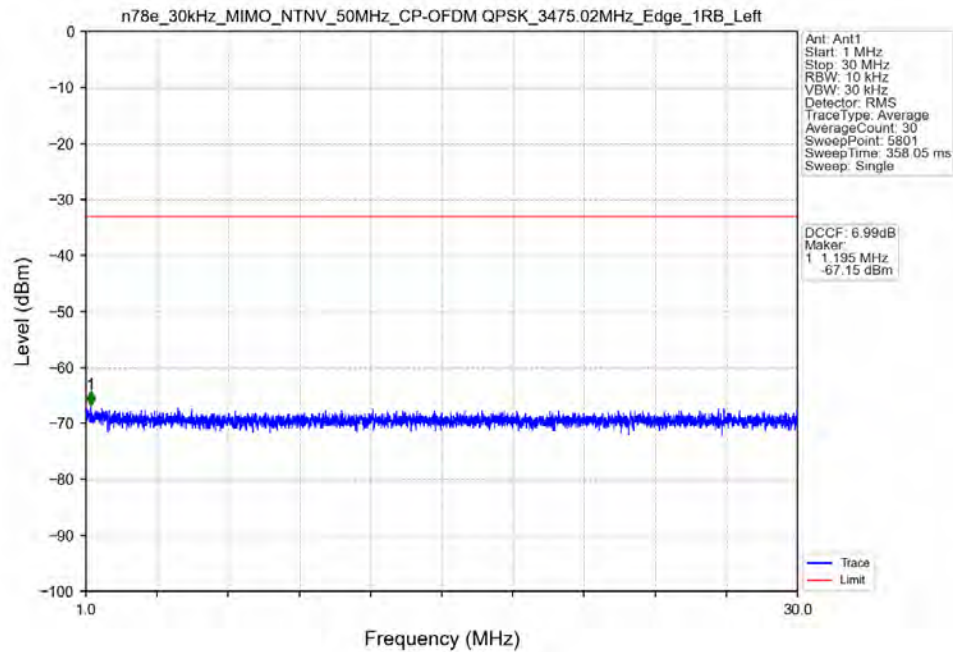
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n78e_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3475.02MHz_Edge_1RB_Left



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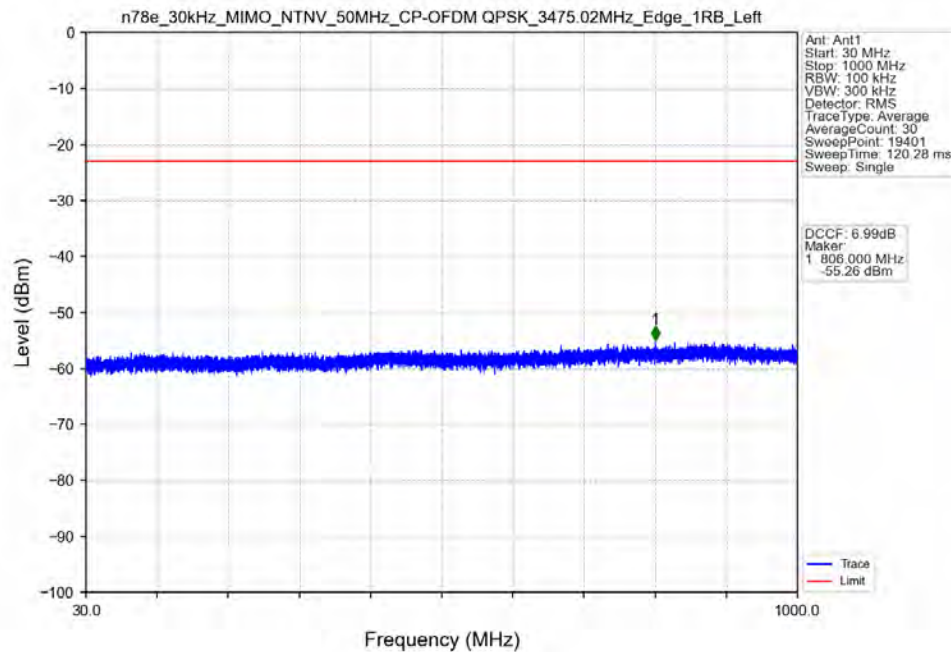


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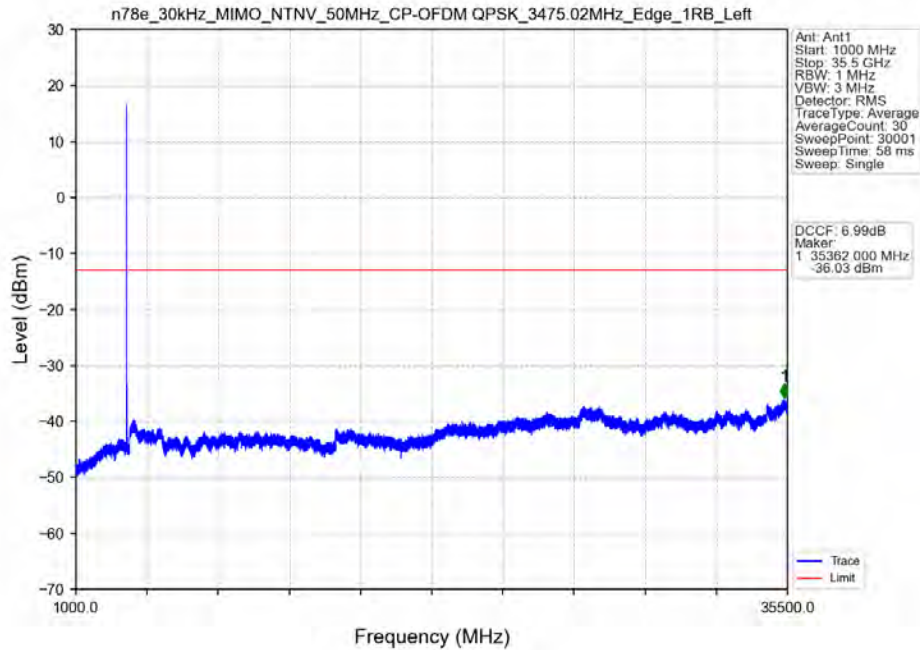
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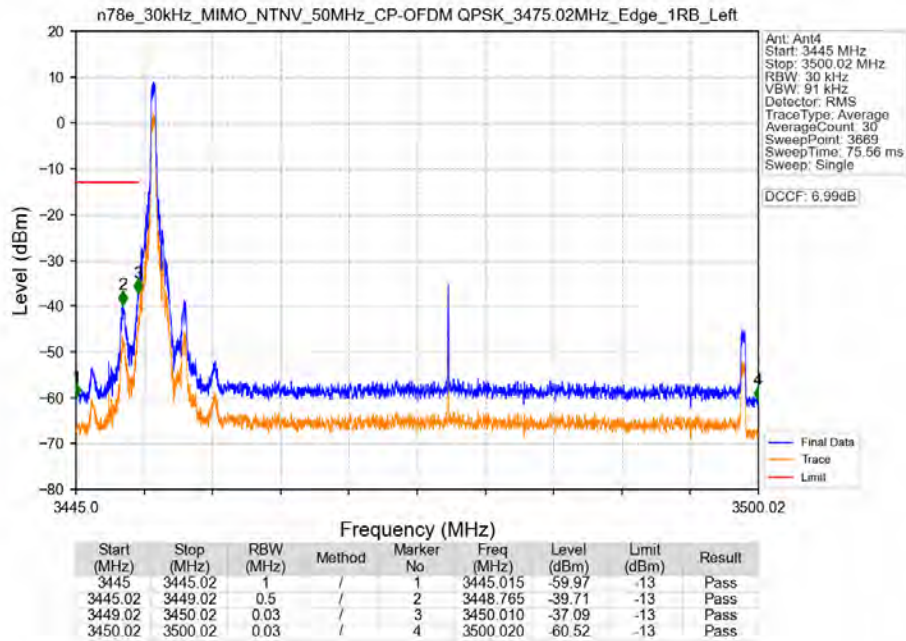


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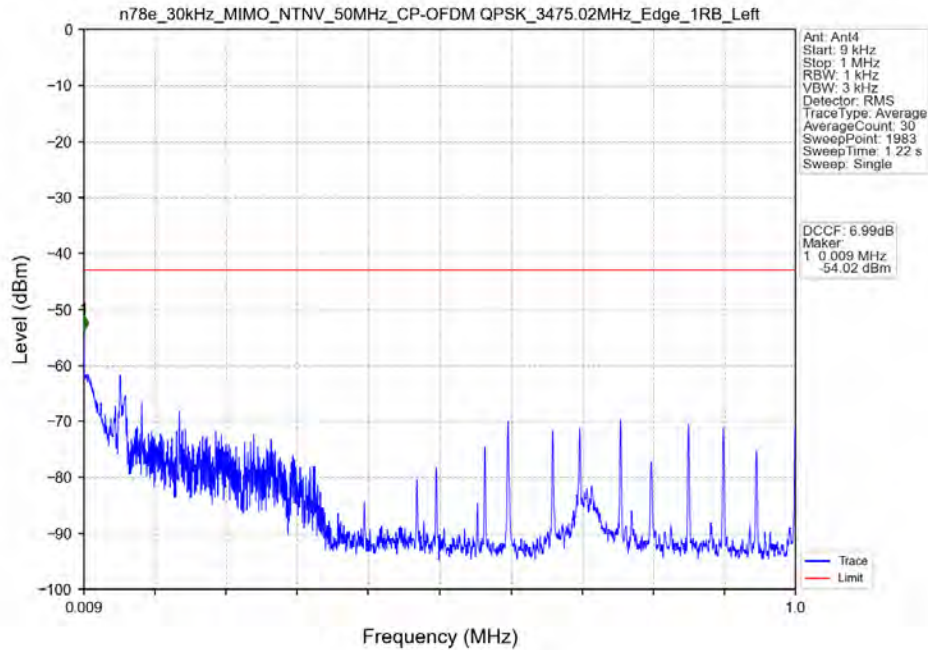
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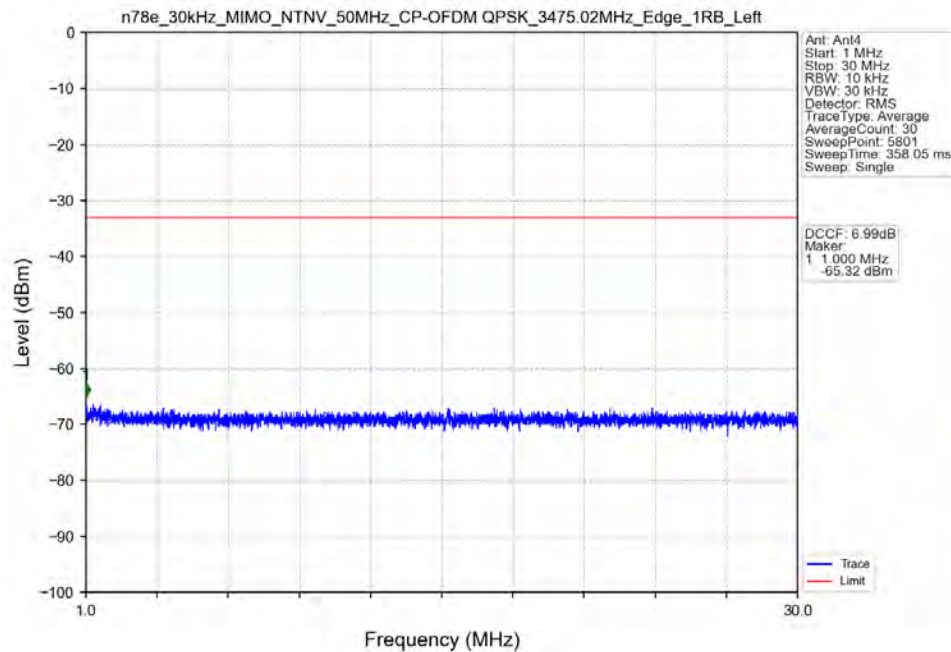


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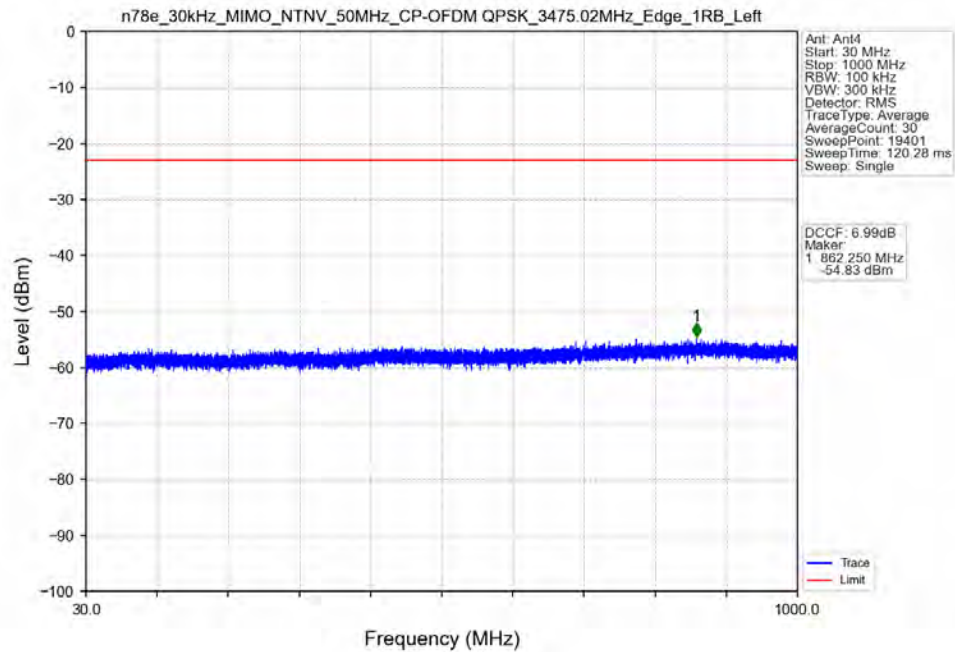
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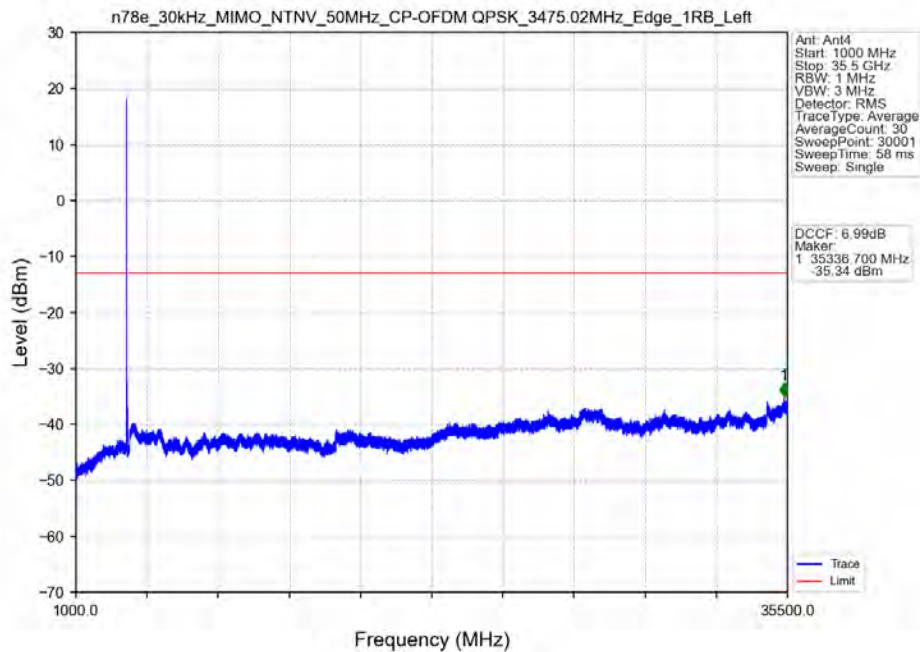


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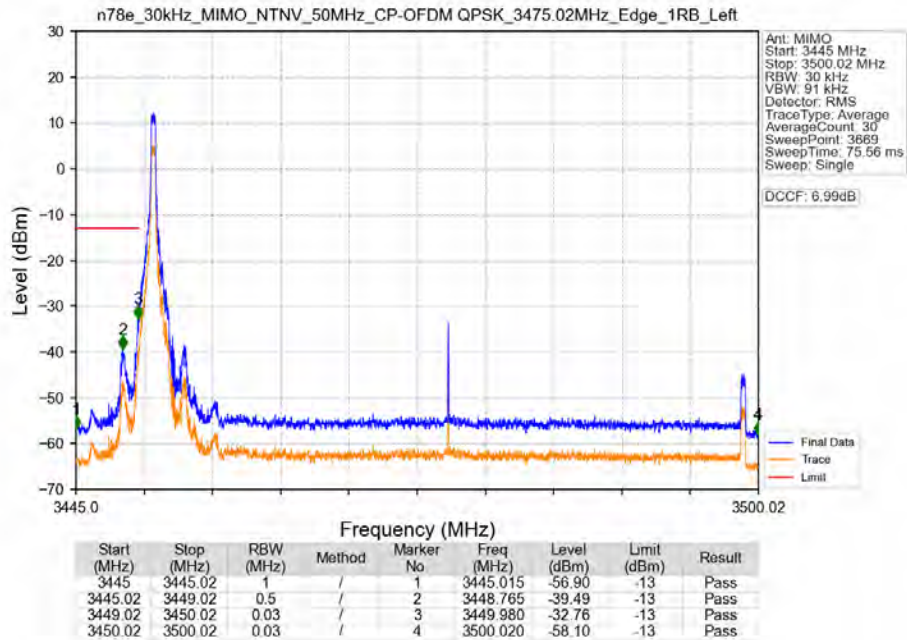
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n78e_30kHz_MIMO_NTNV_50MHz_CP-OFDM QPSK_3475.02MHz_Edge_1RB_Left



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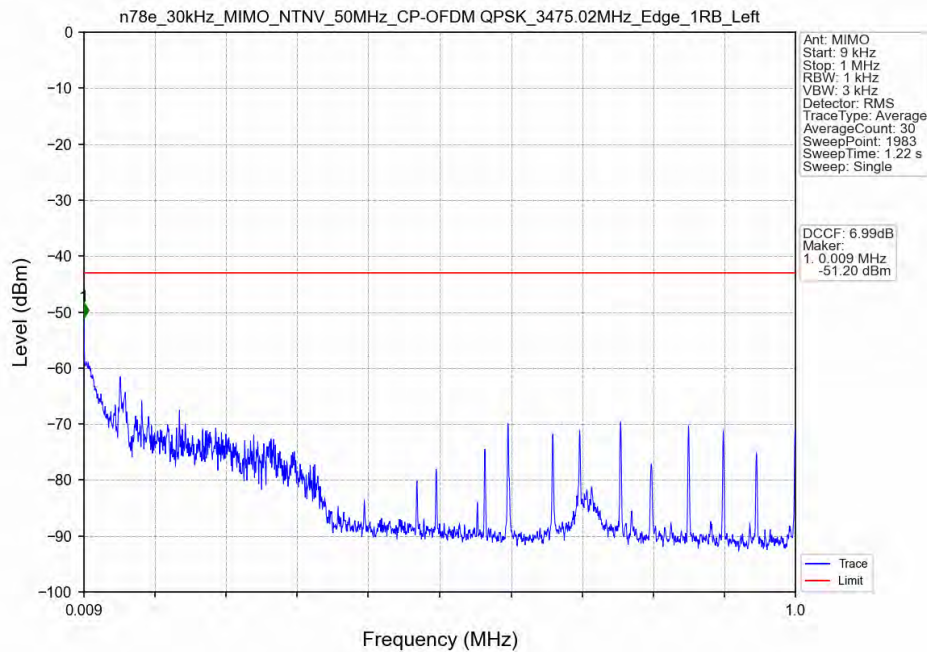


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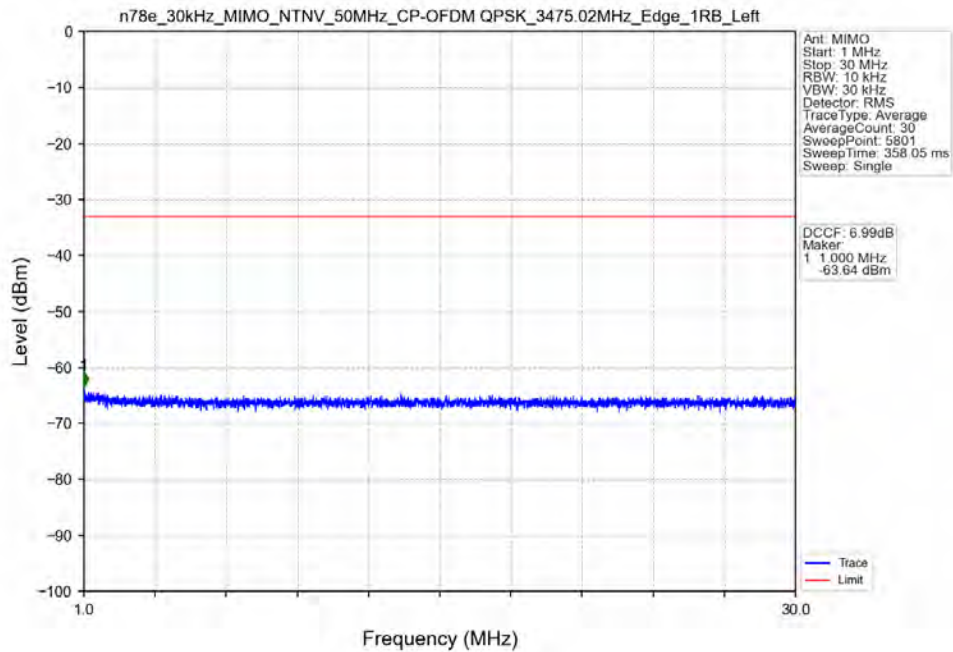
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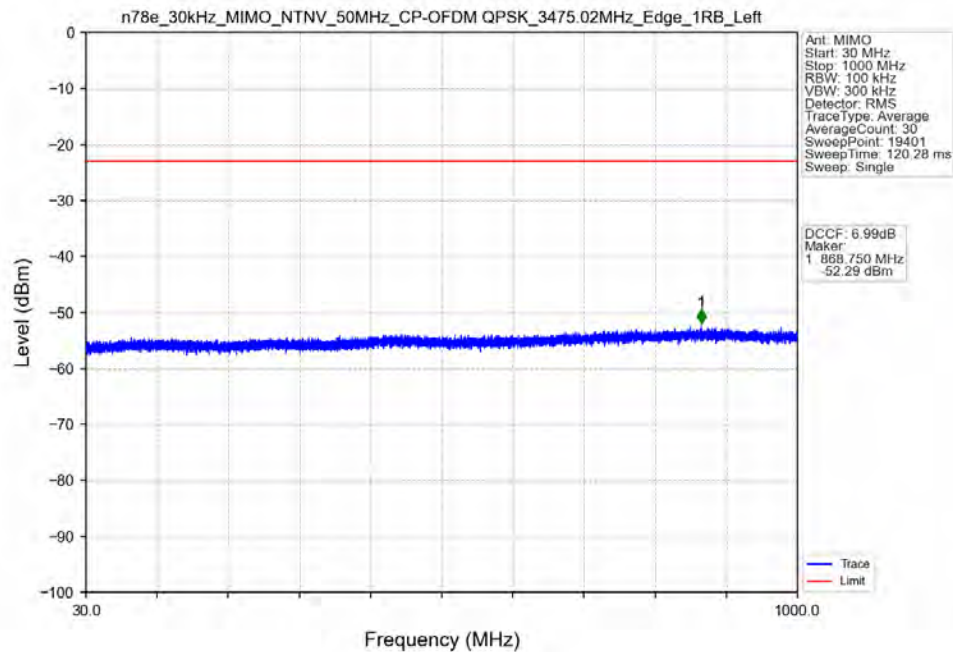


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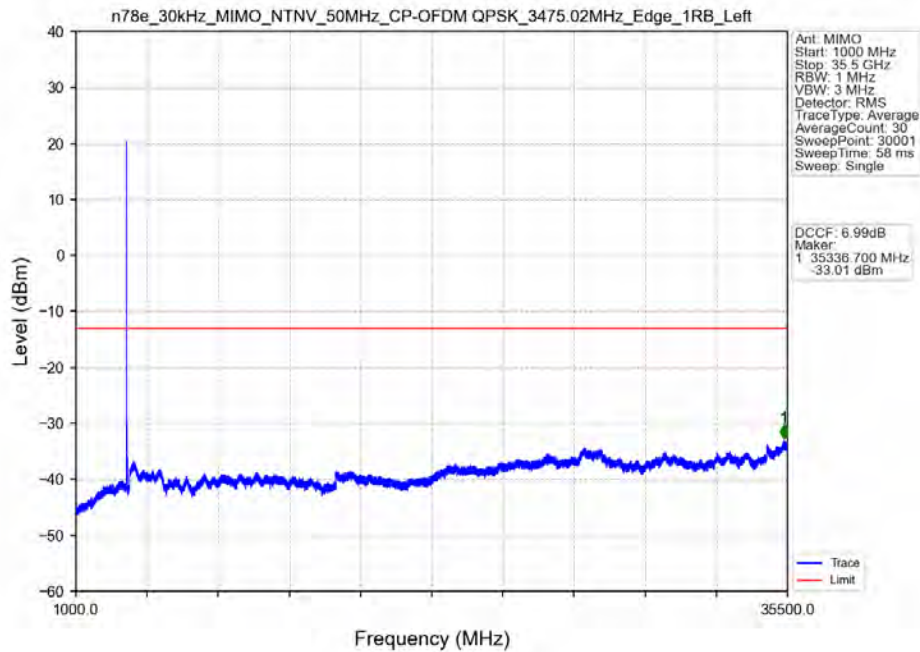
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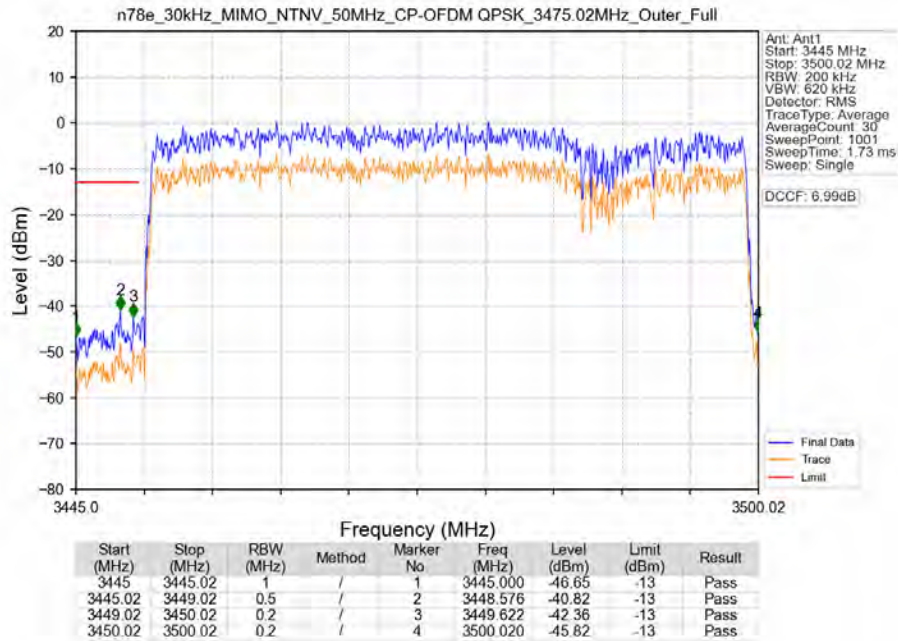


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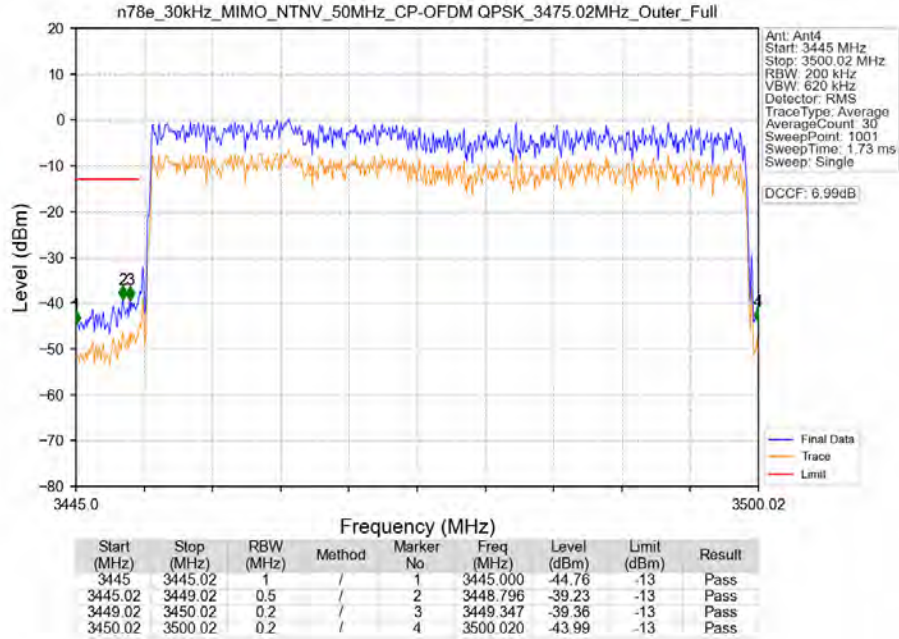
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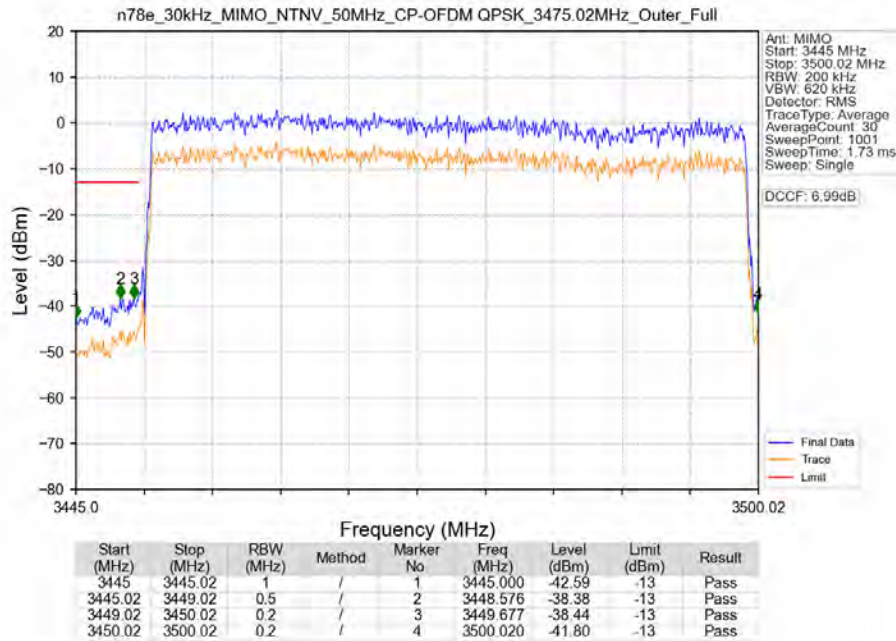


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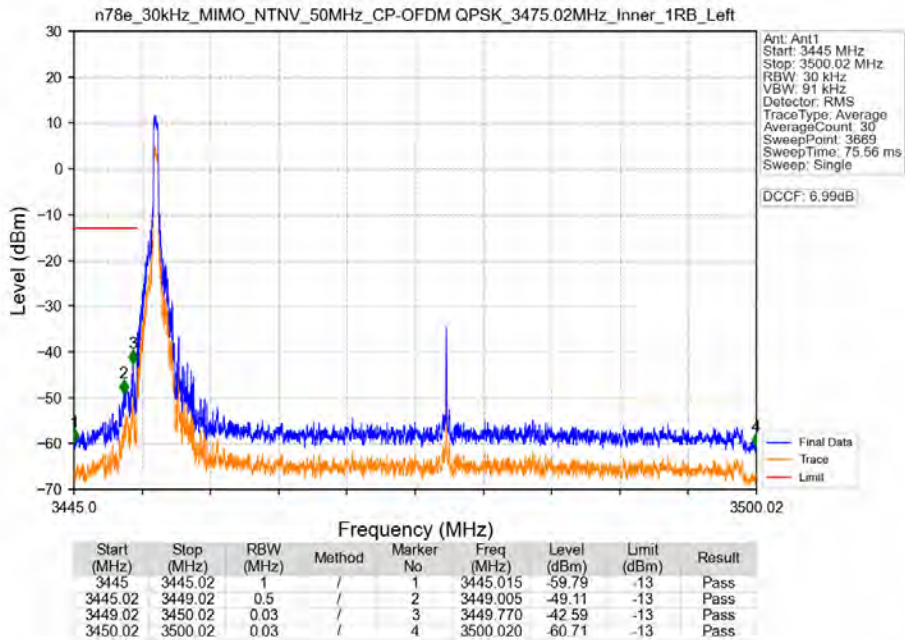
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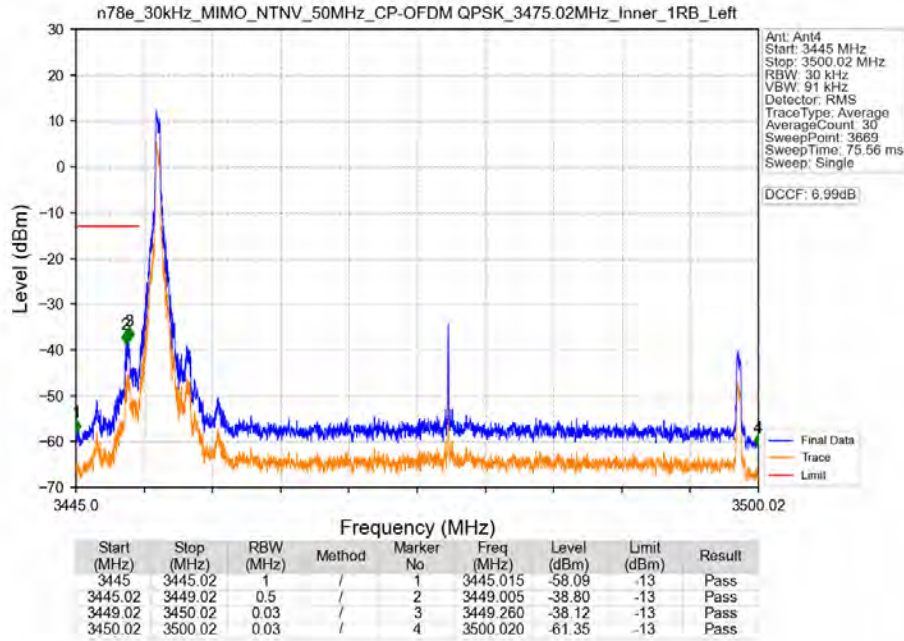


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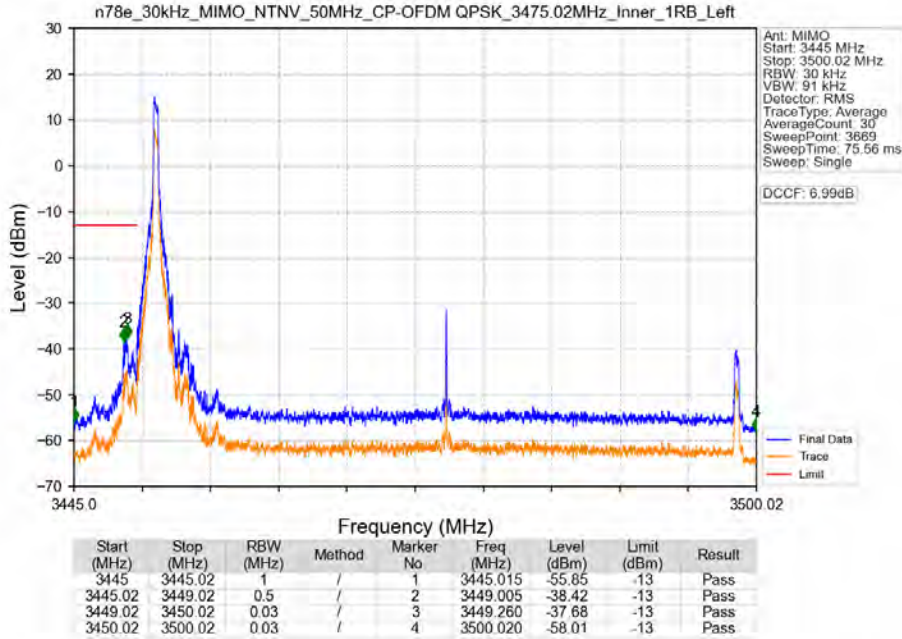
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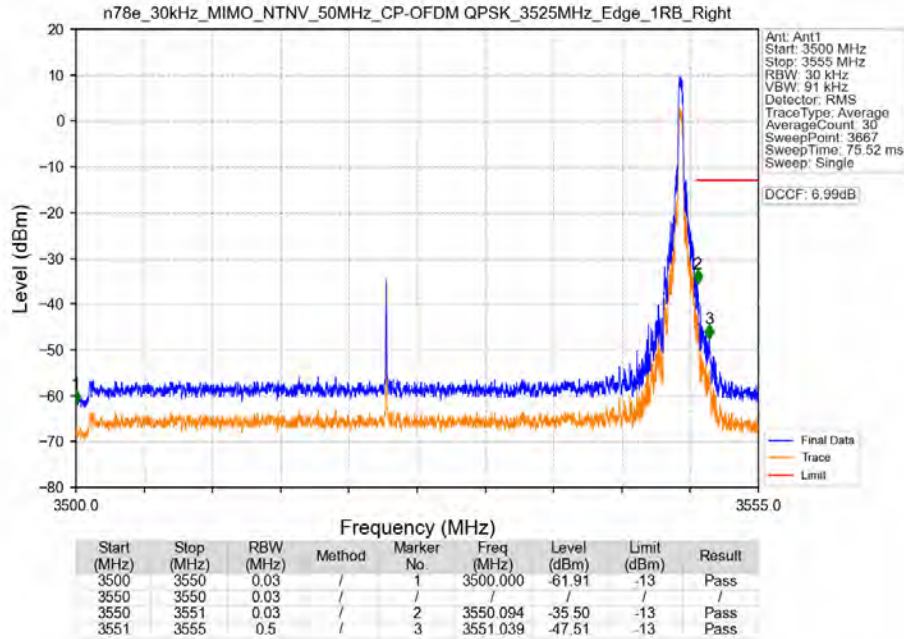


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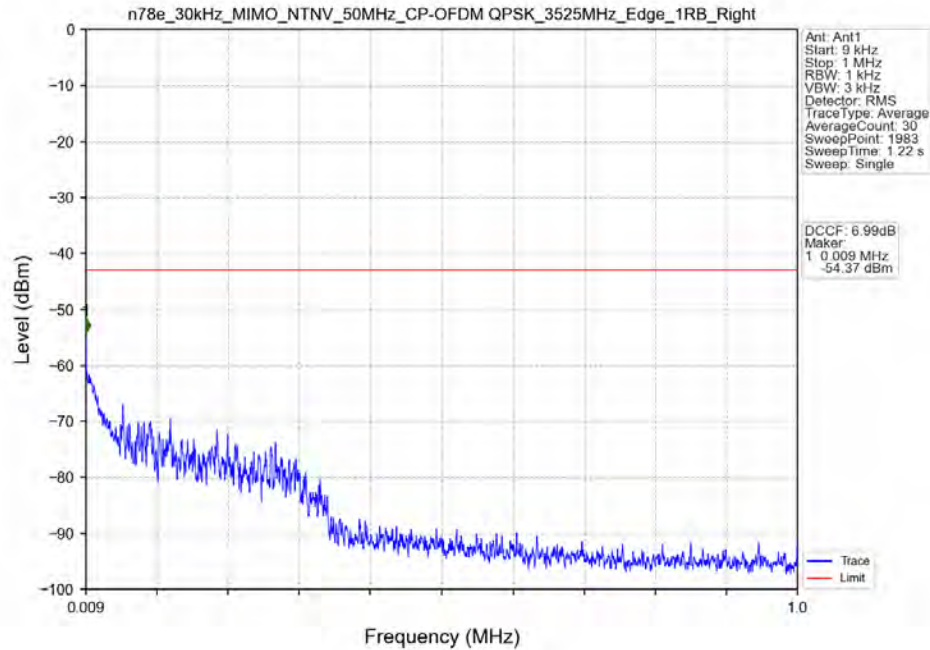
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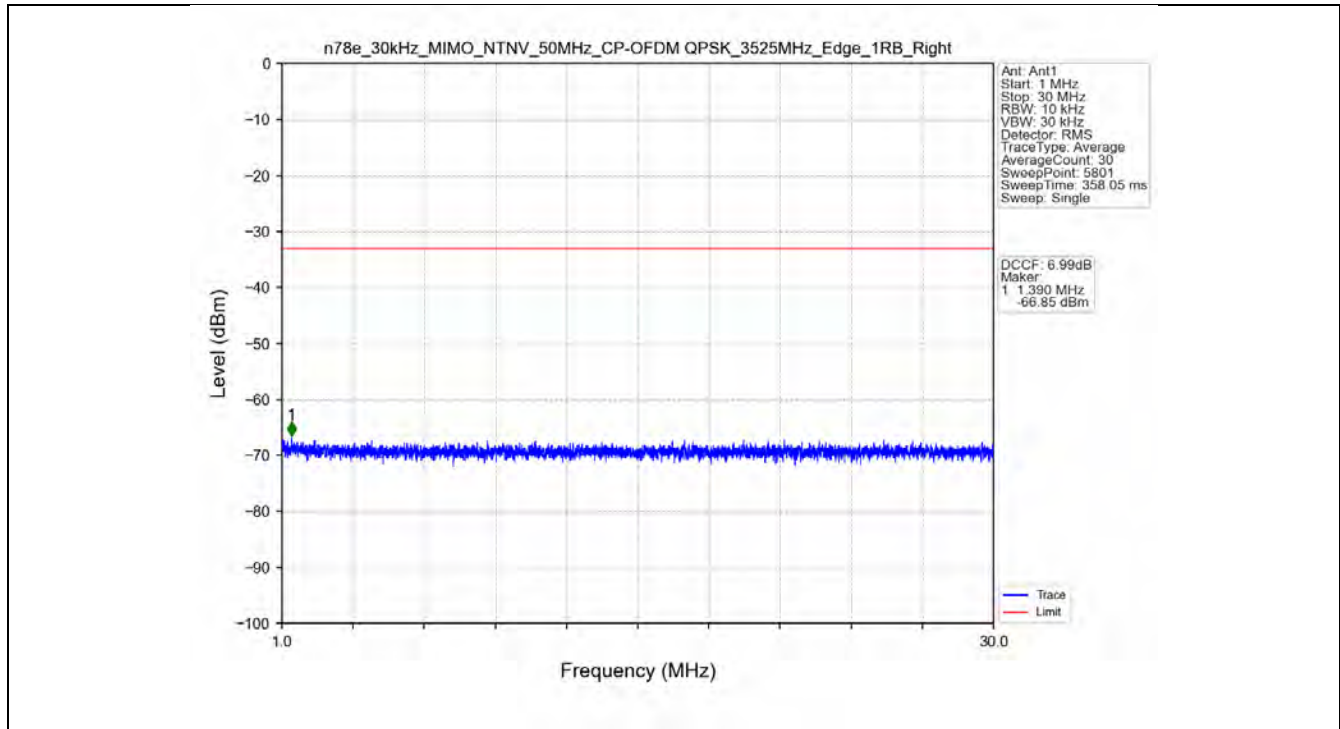


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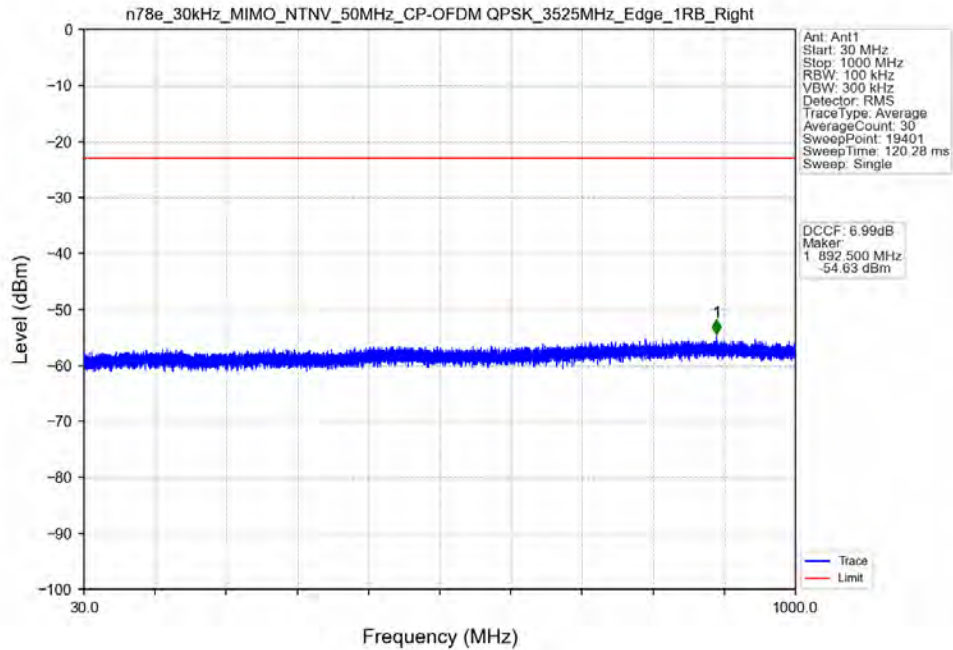
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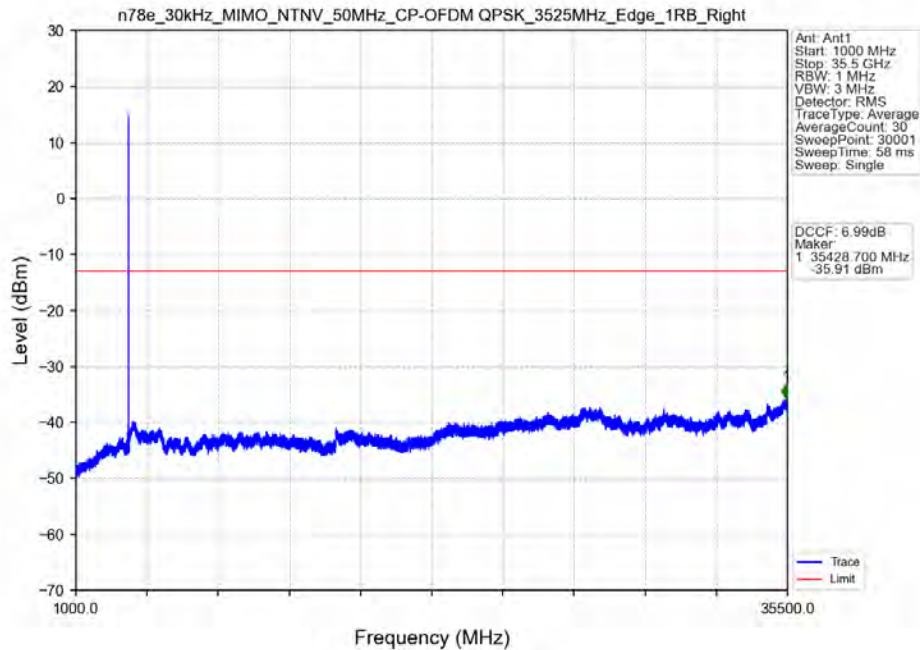


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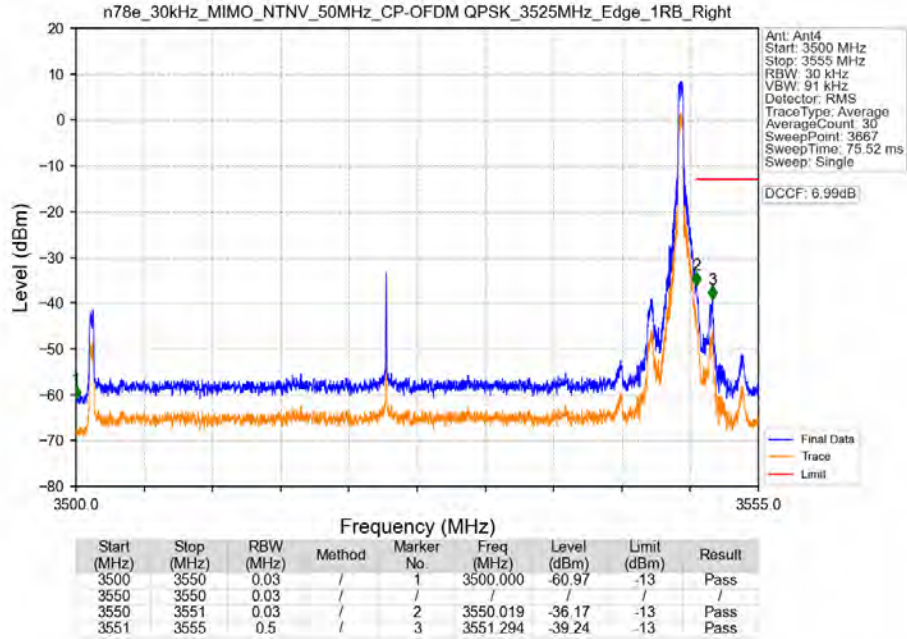
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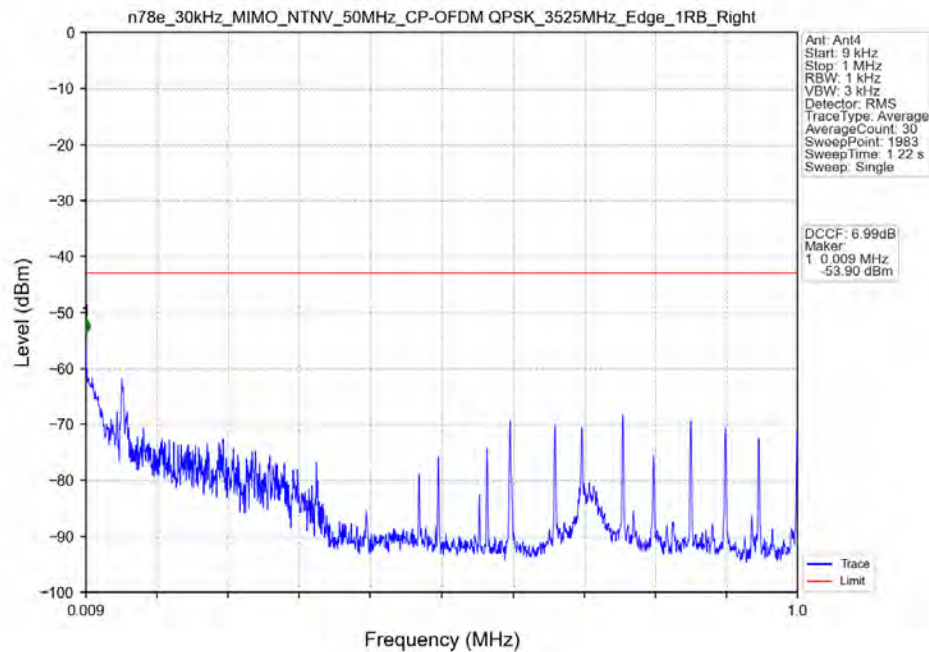


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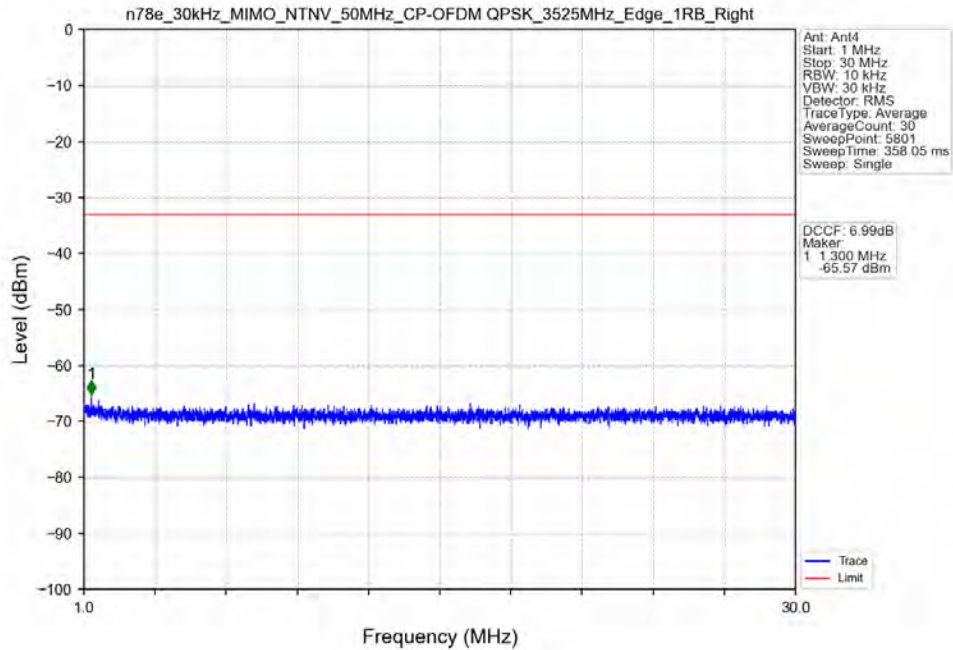
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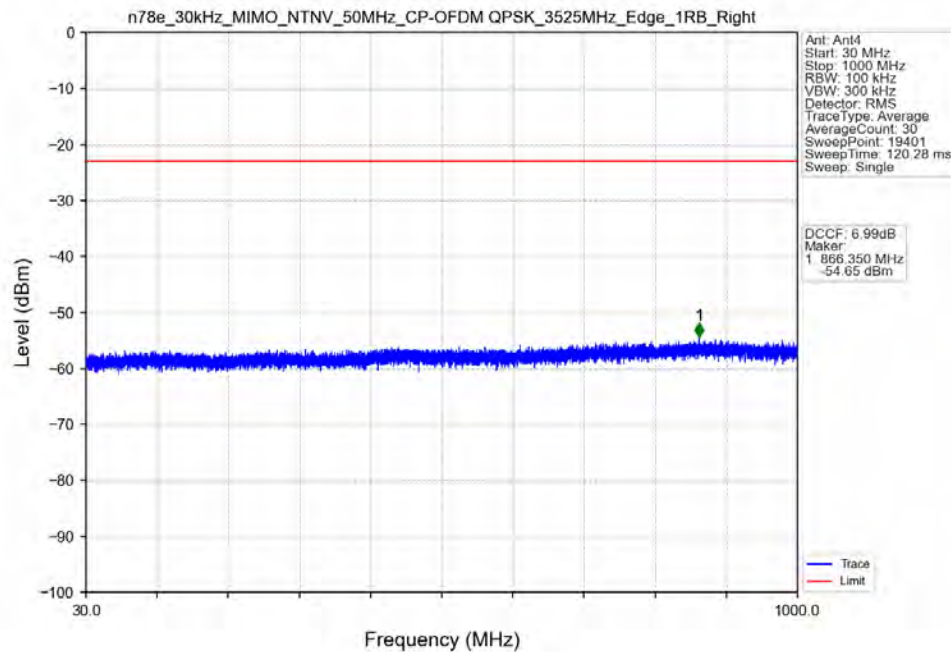


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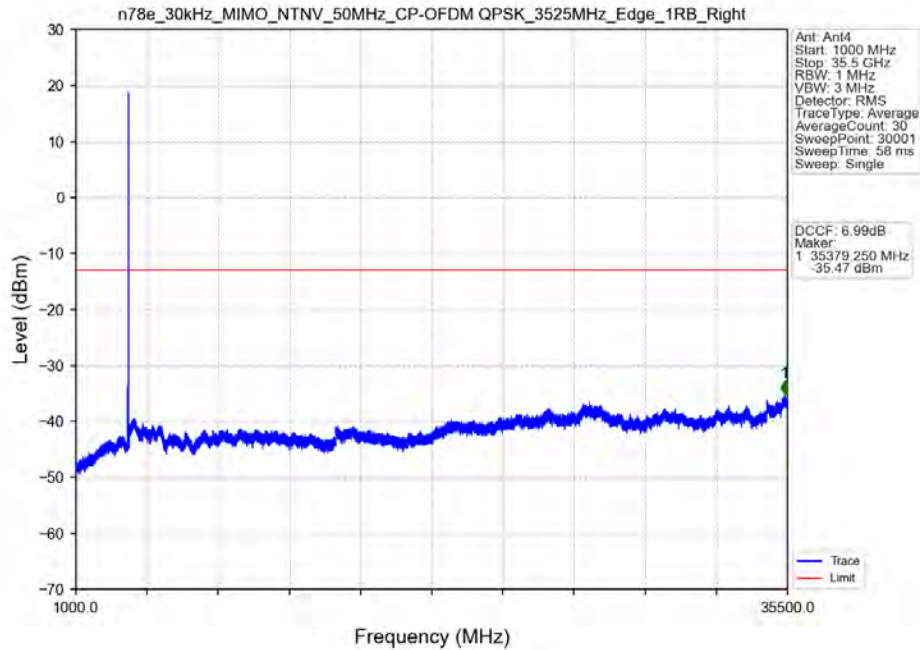
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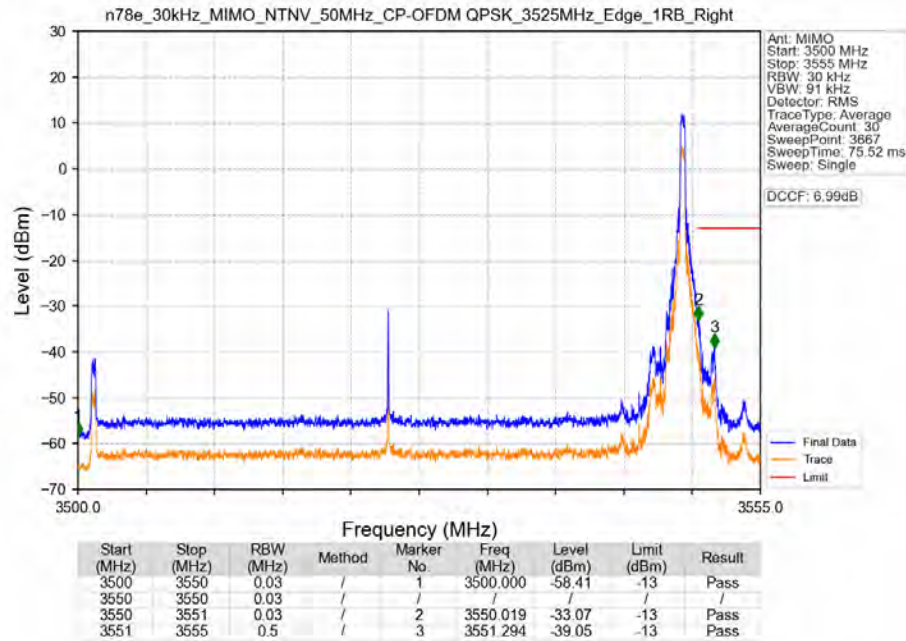


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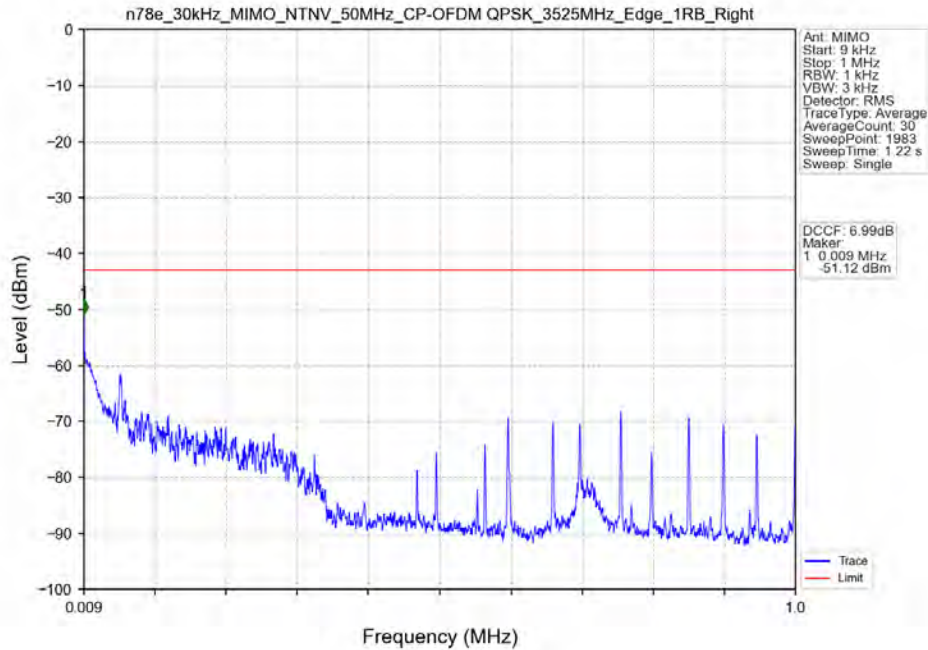
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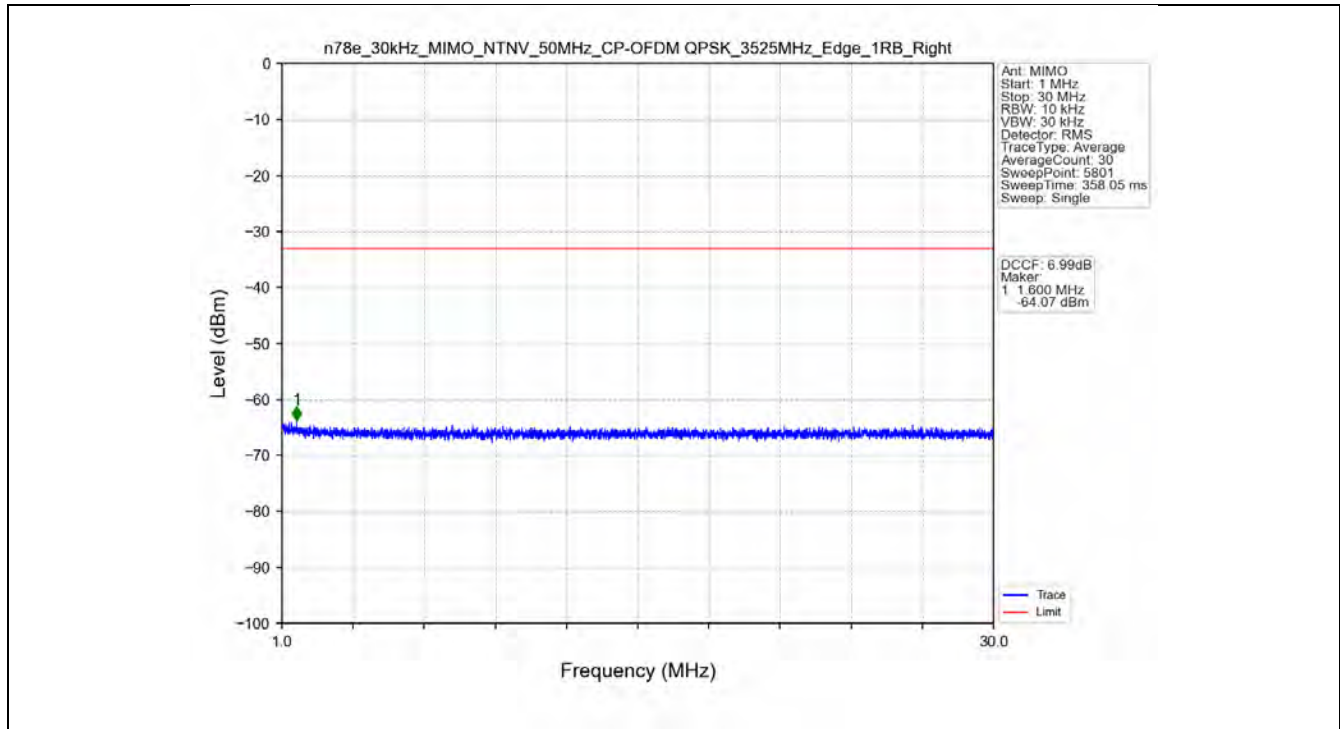


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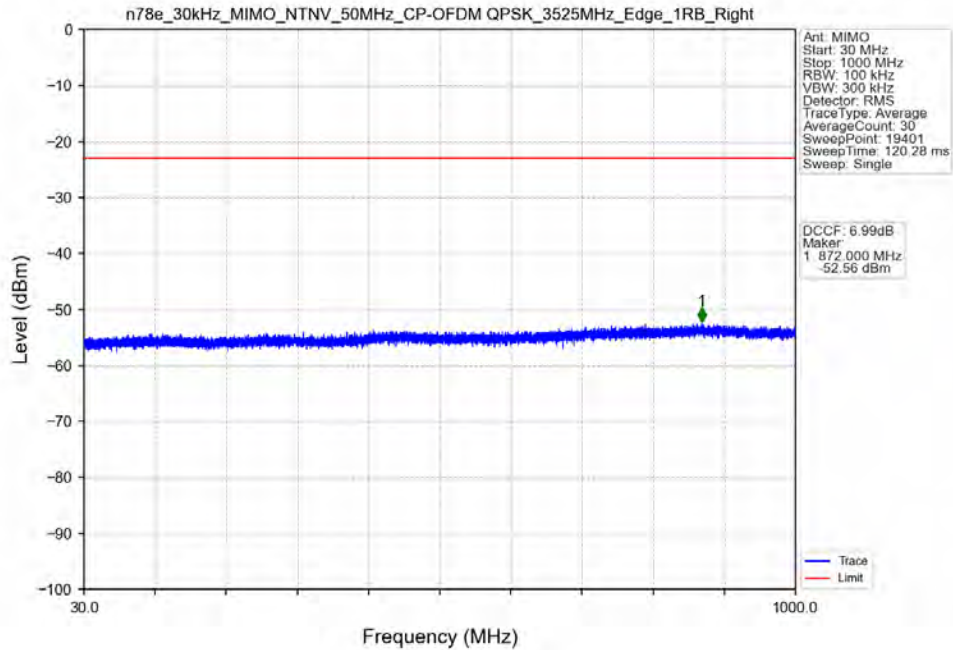
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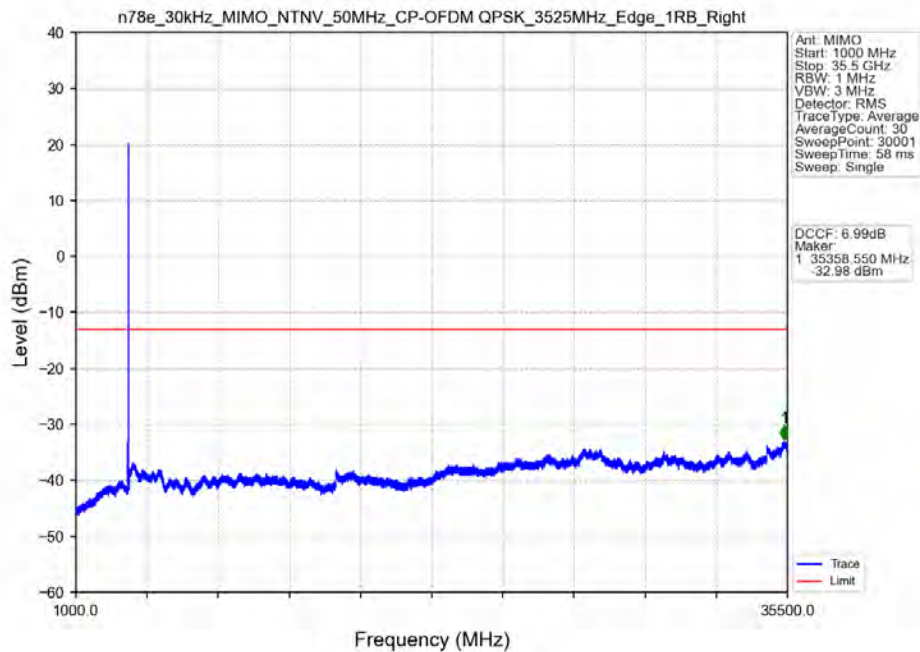


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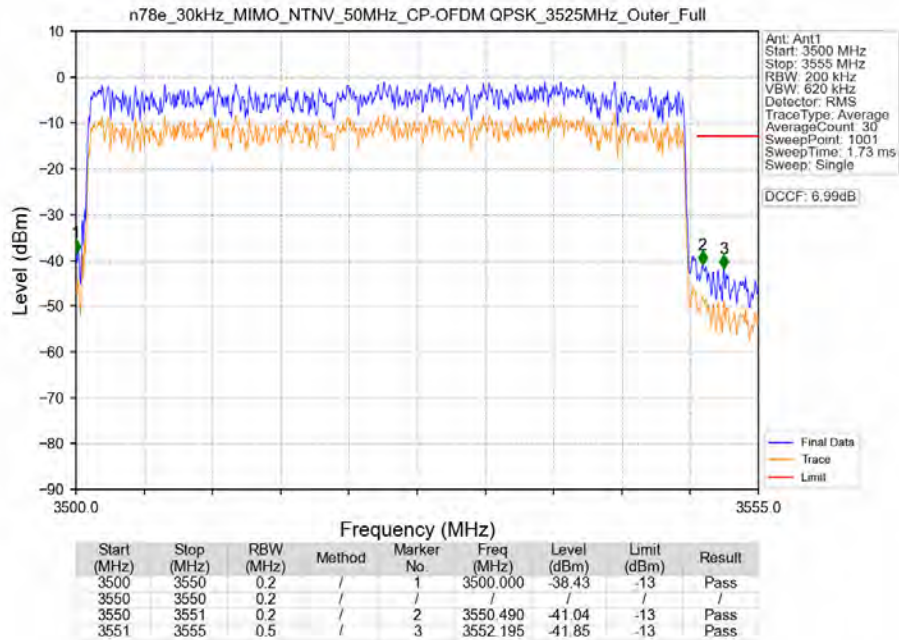
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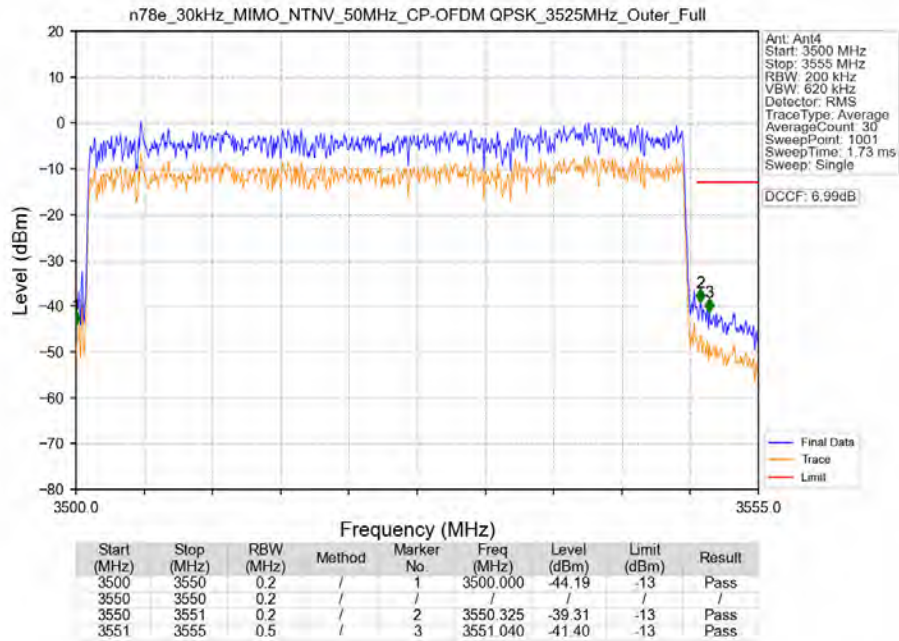


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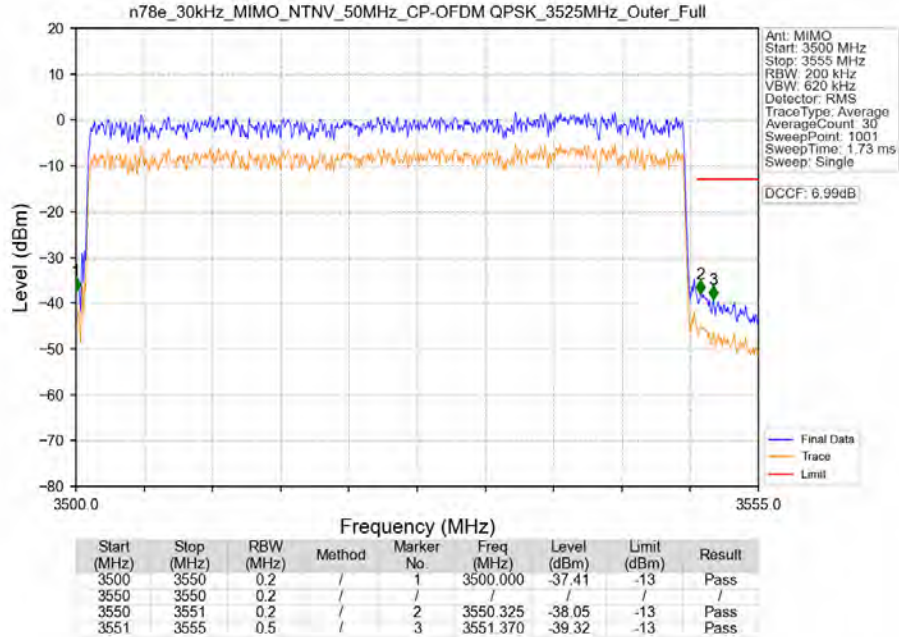
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n78e_30kHz_MIMO_NTNV_50MHz_CP-OFDM_QPSK_3525MHz_Outer_Full



n78e_30kHz_MIMO_NTNV_50MHz_CP-OFDM_QPSK_3525MHz_Inner_1RB_Right



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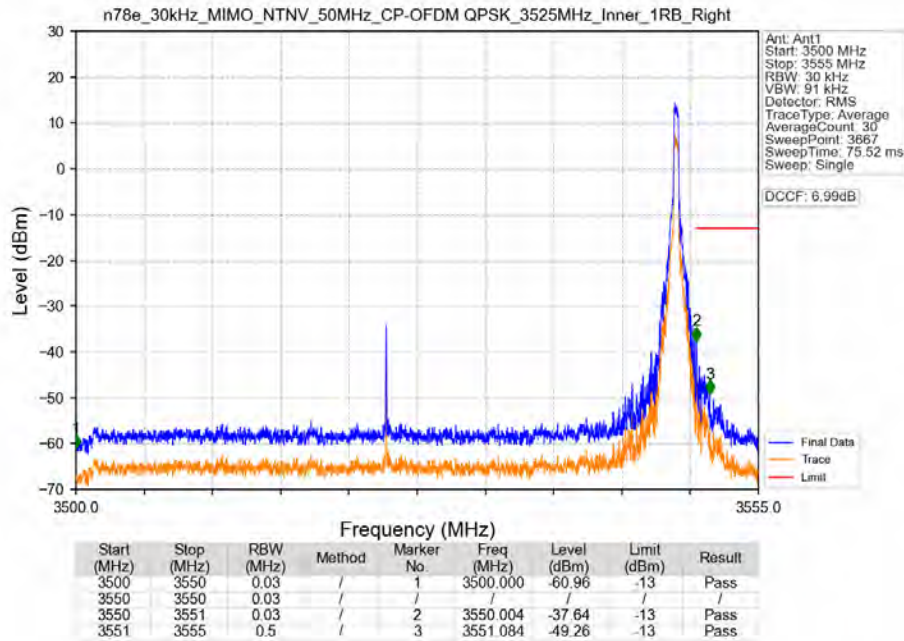


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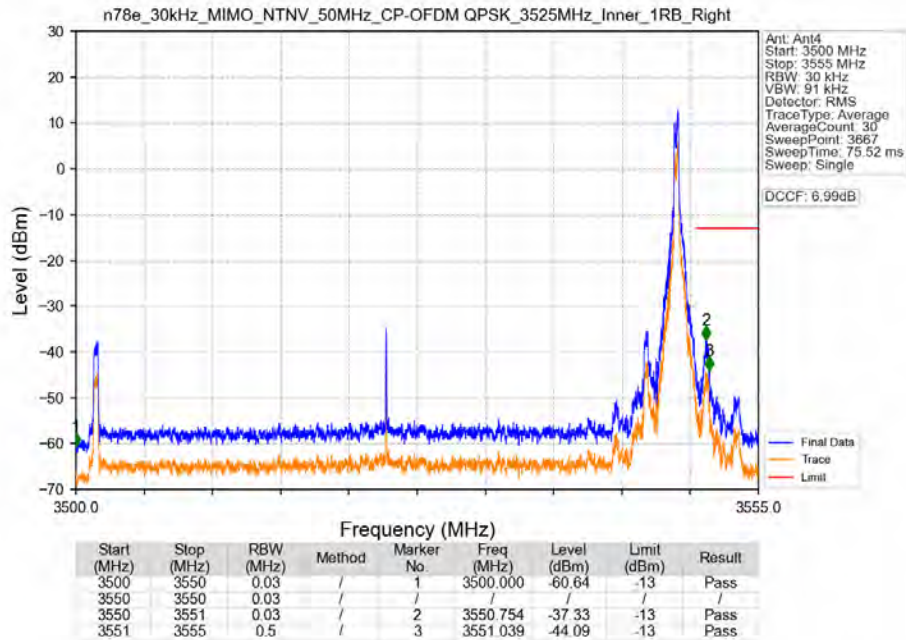
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n78e_30kHz_MIMO_NTNV_50MHz_CP-OFDM_QPSK_3525MHz_Inner_1RB_Right



n78e_30kHz_MIMO_NTNV_50MHz_CP-OFDM_QPSK_3525MHz_Inner_1RB_Right



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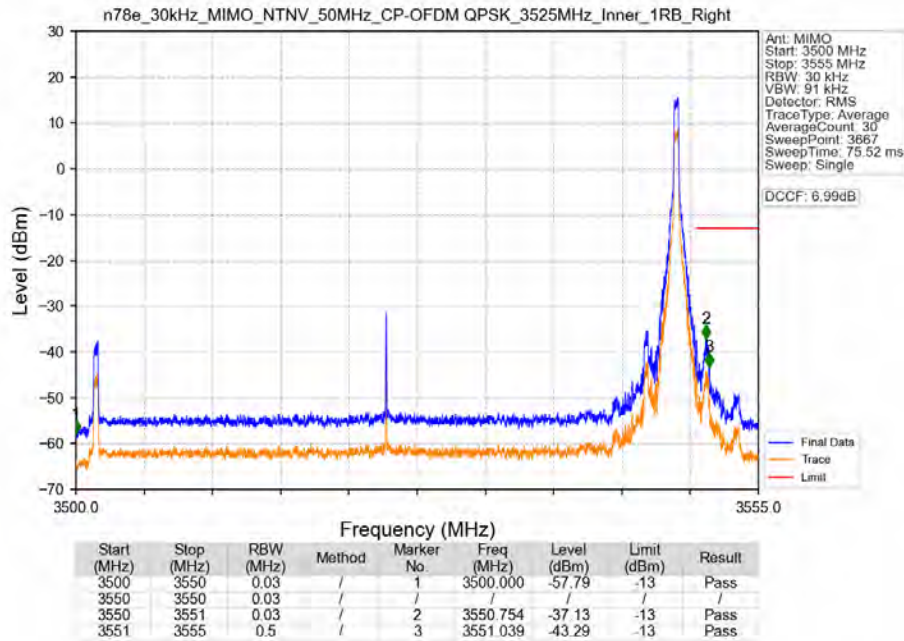


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5.14 30k_MIMO_60MHz_NTNV

5.14.1 Test Result

5G NR n78e SCS=30kHz MIMO 60MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant4	Sum	Limit	
CP-OFDM QPSK	3480	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
	3519.99	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
			Refer To Test Graph				Pass



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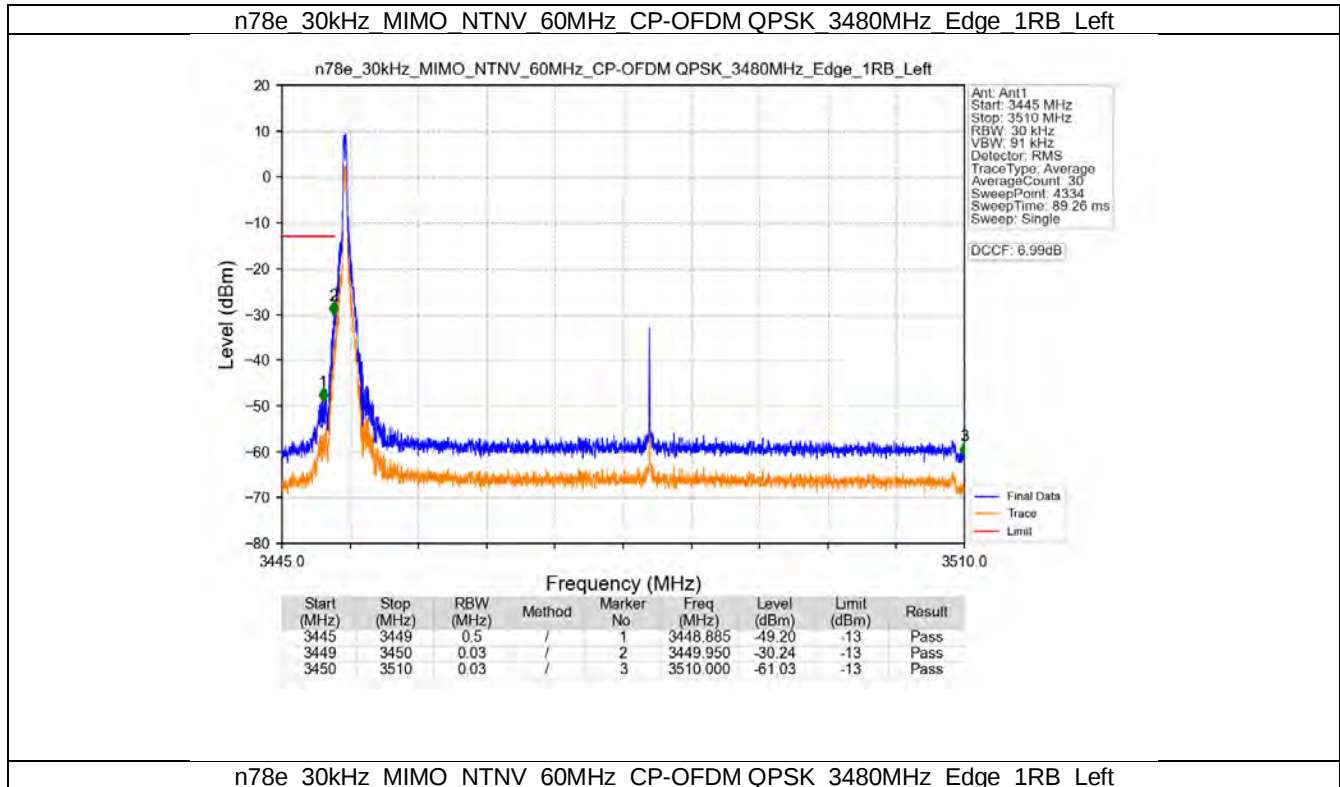
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5.14.2 Test Graph



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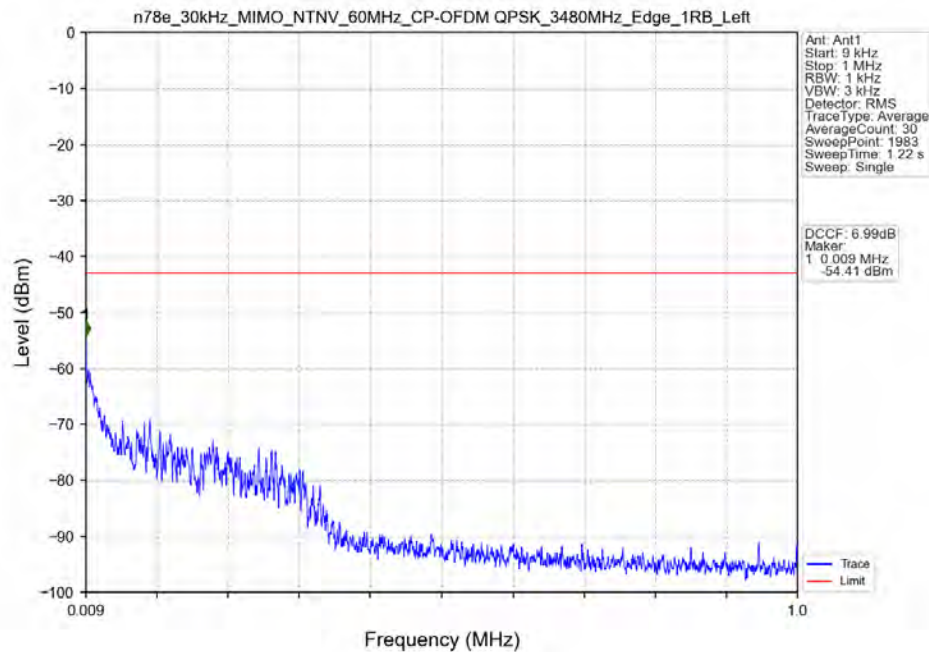


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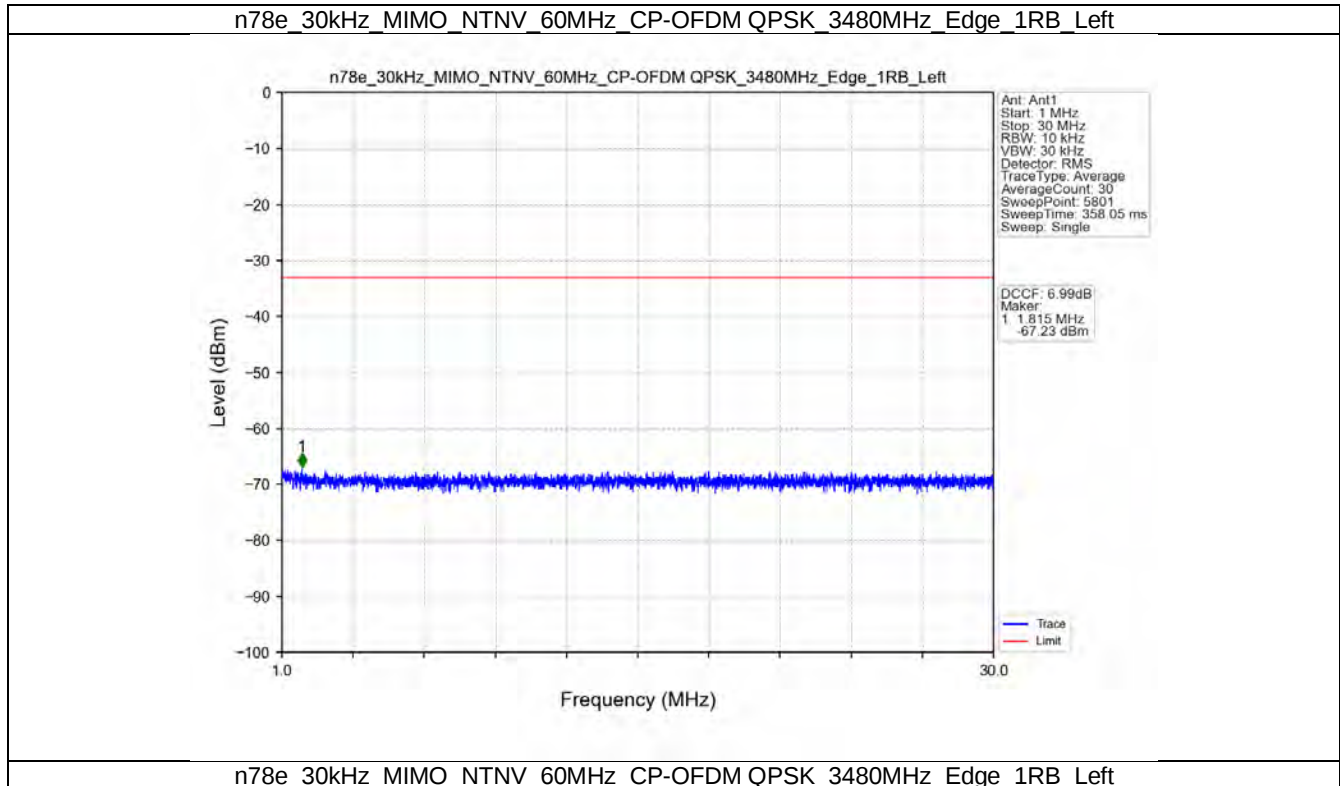


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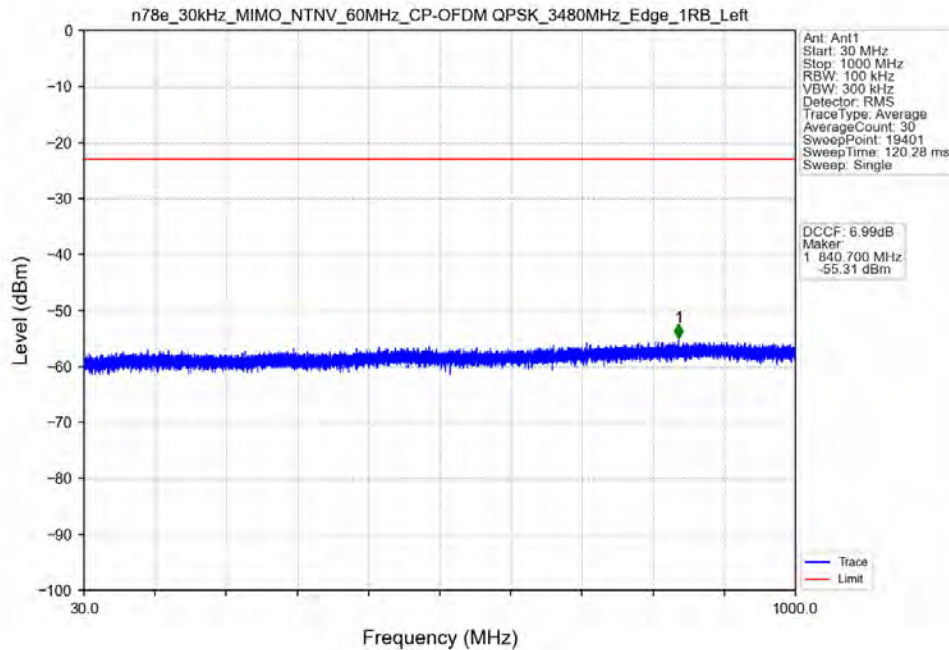


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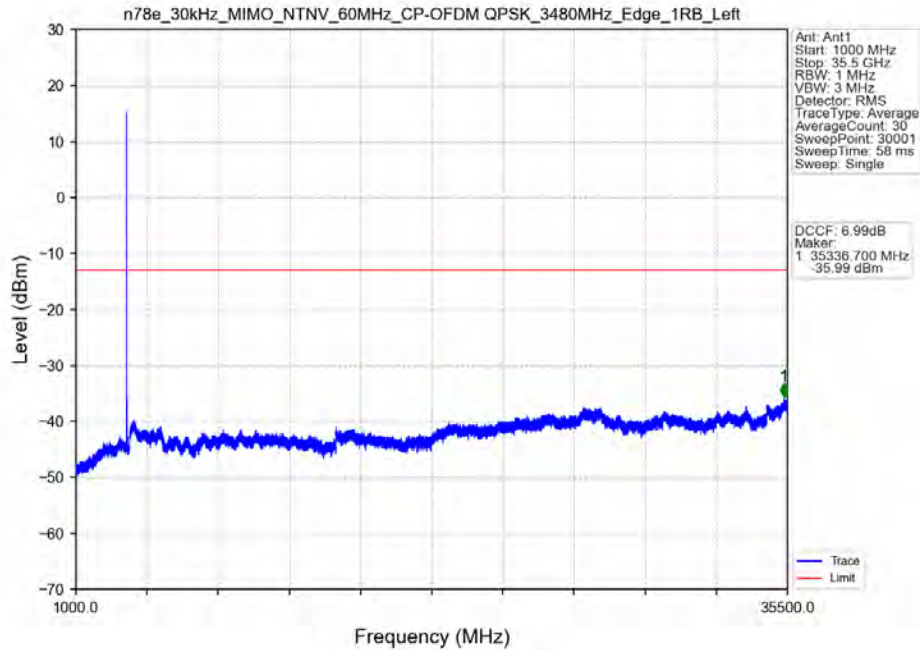
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n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3480MHz_Edge_1RB_Left



n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3480MHz_Edge_1RB_Left



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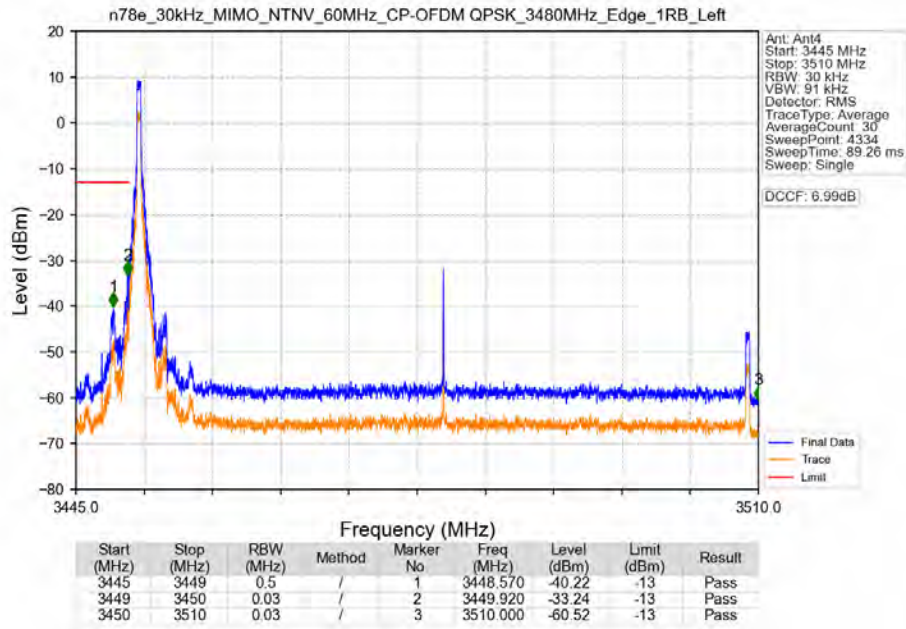


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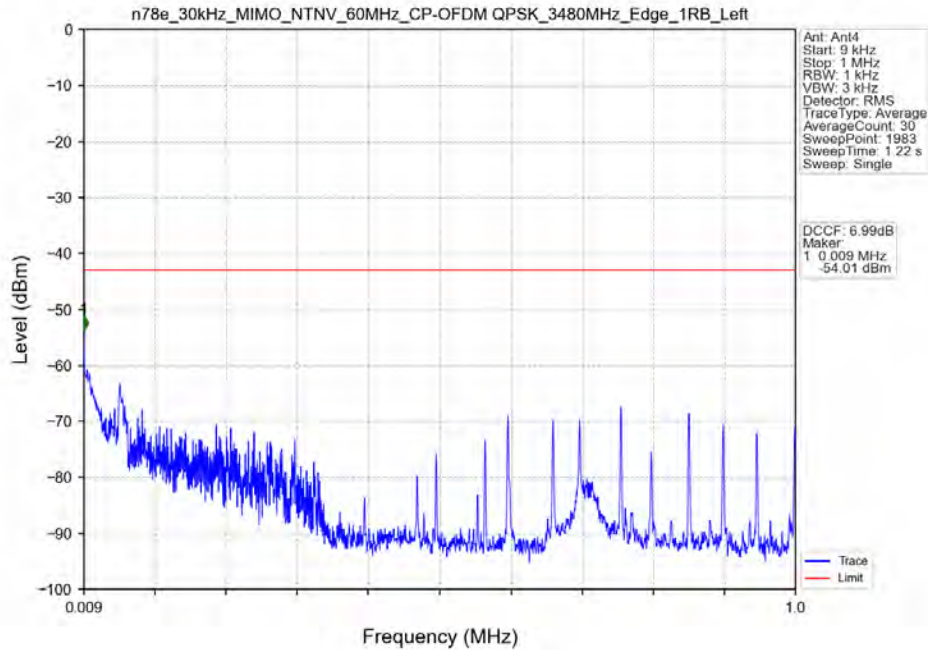
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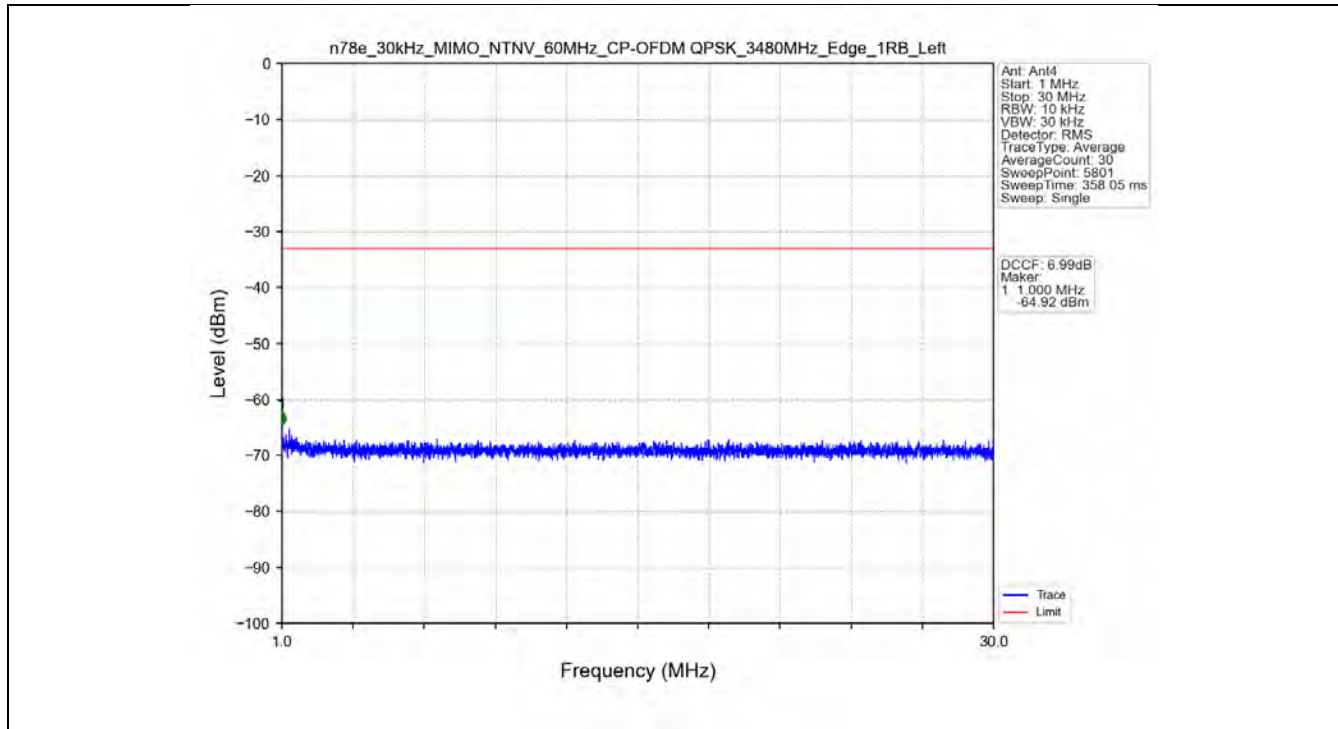


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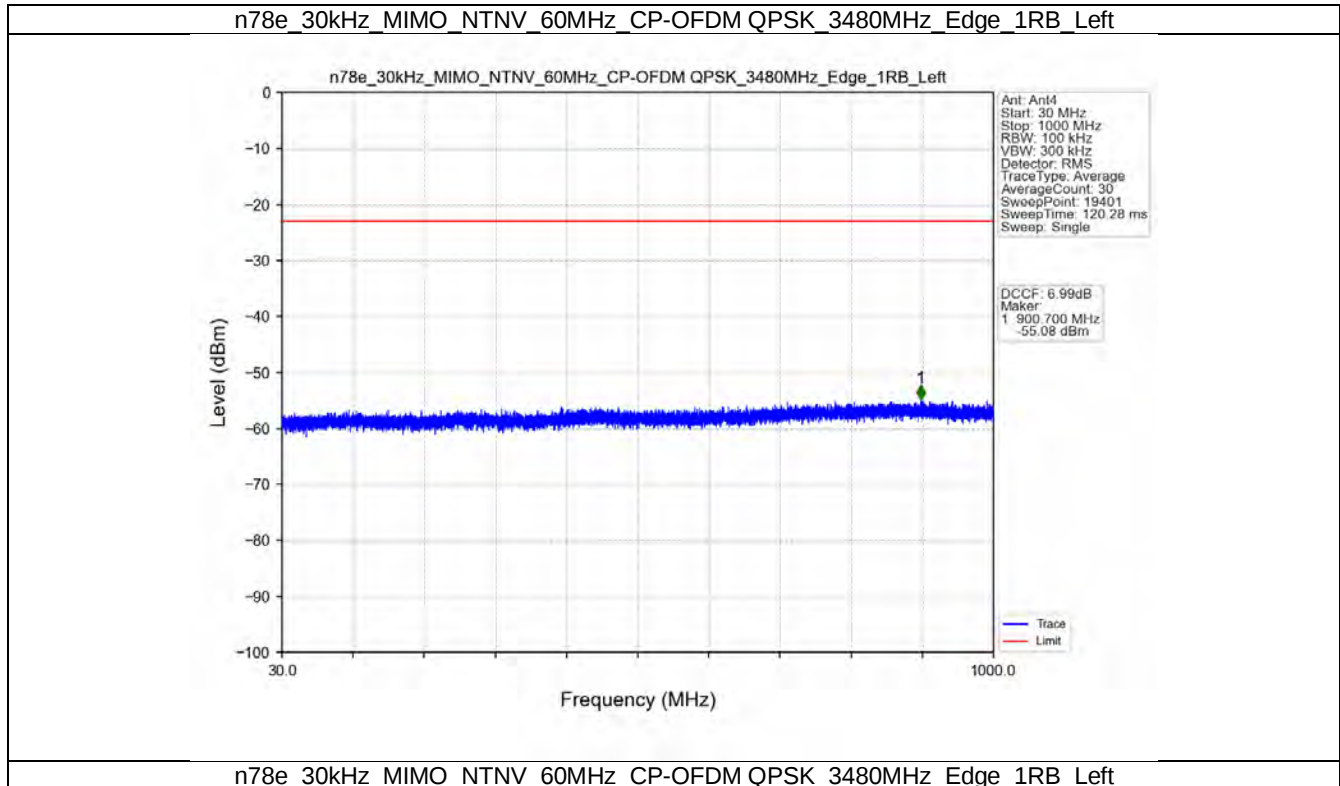


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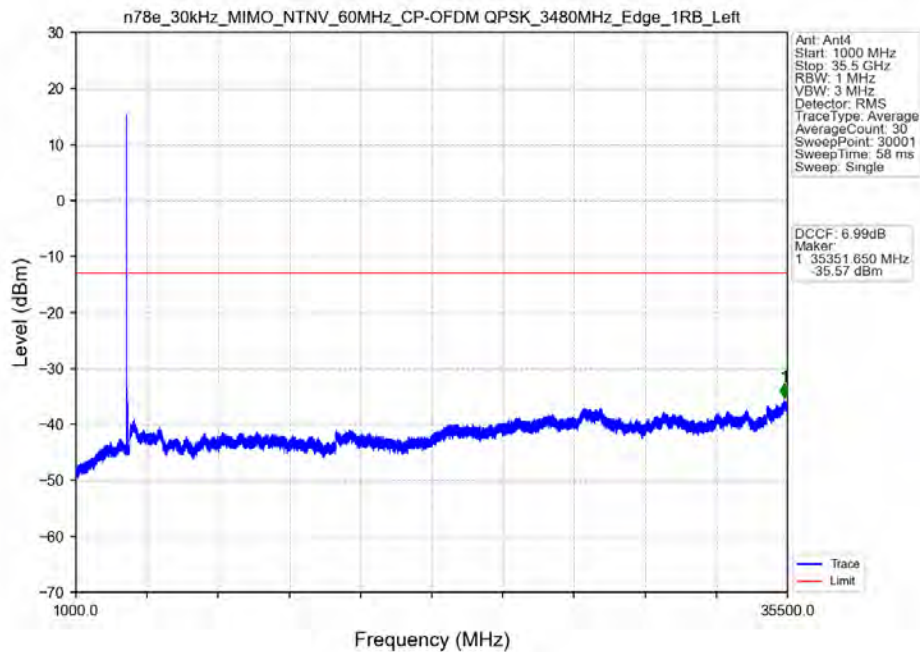


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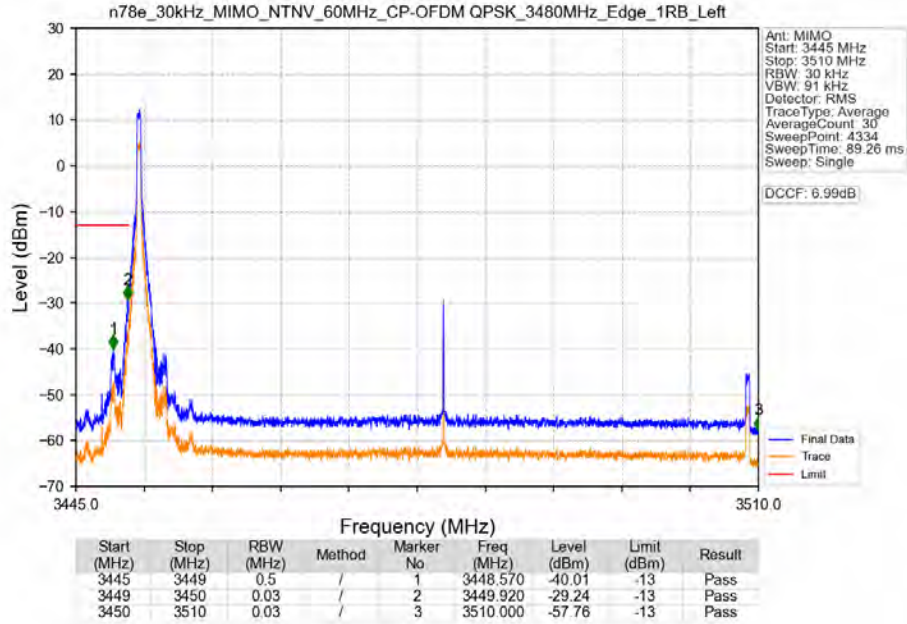
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n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3480MHz_Edge_1RB_Left



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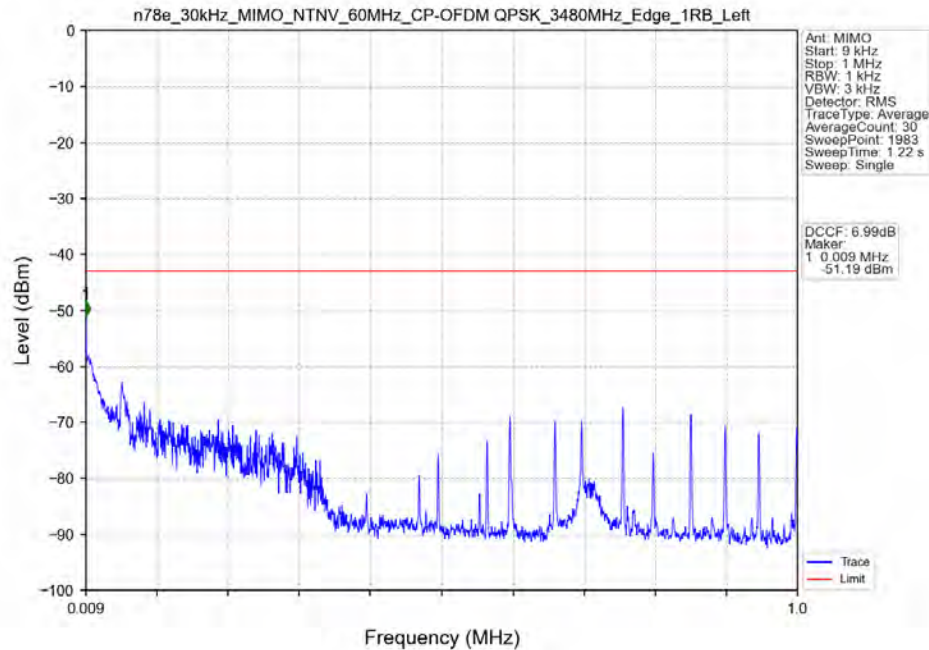


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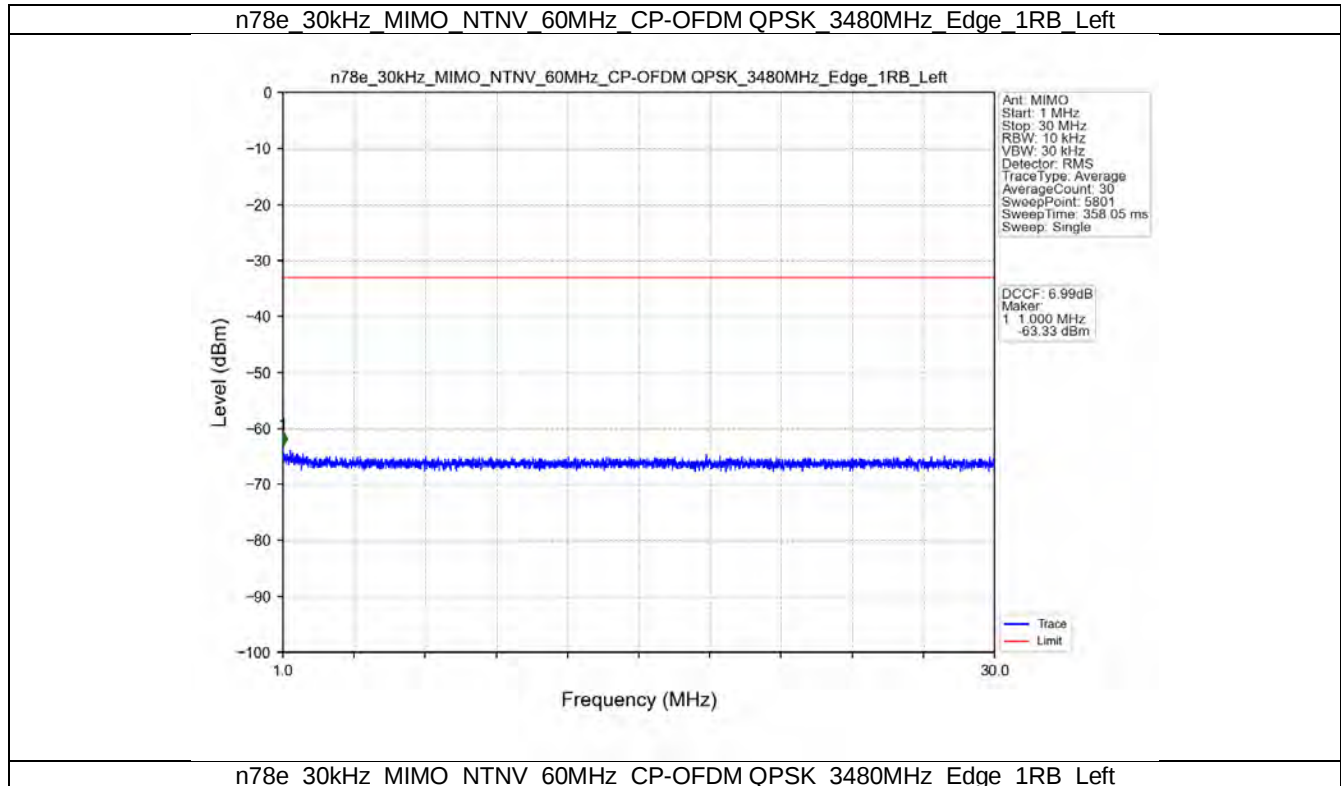


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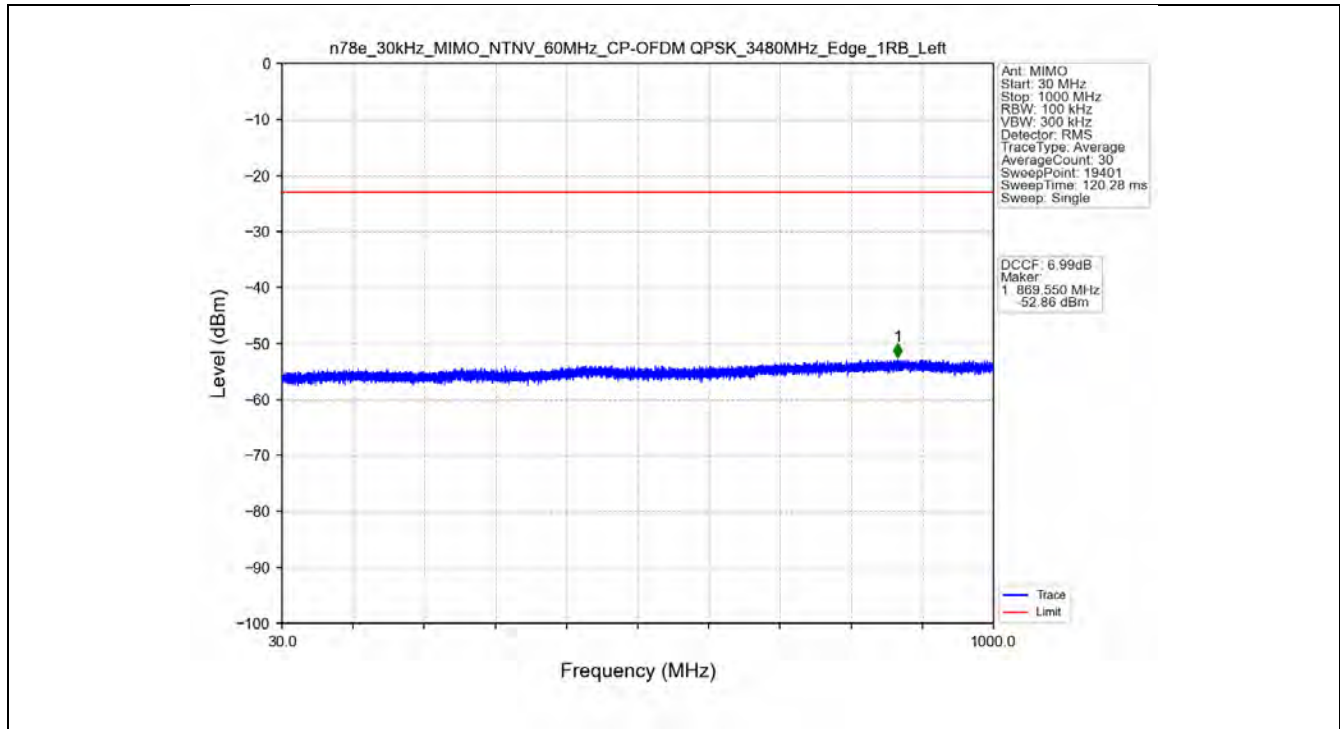


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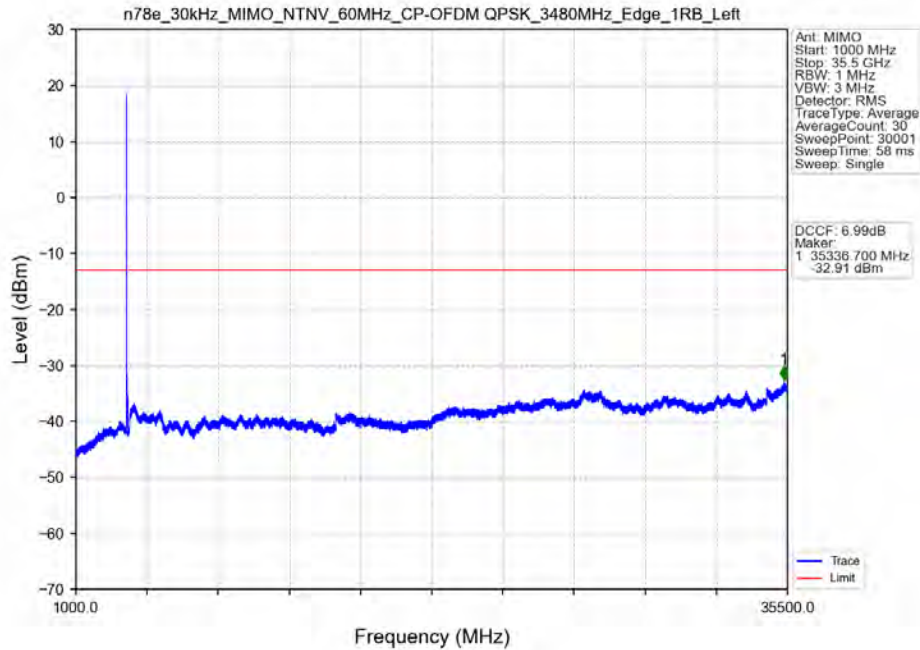
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n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3480MHz_Outer_Full



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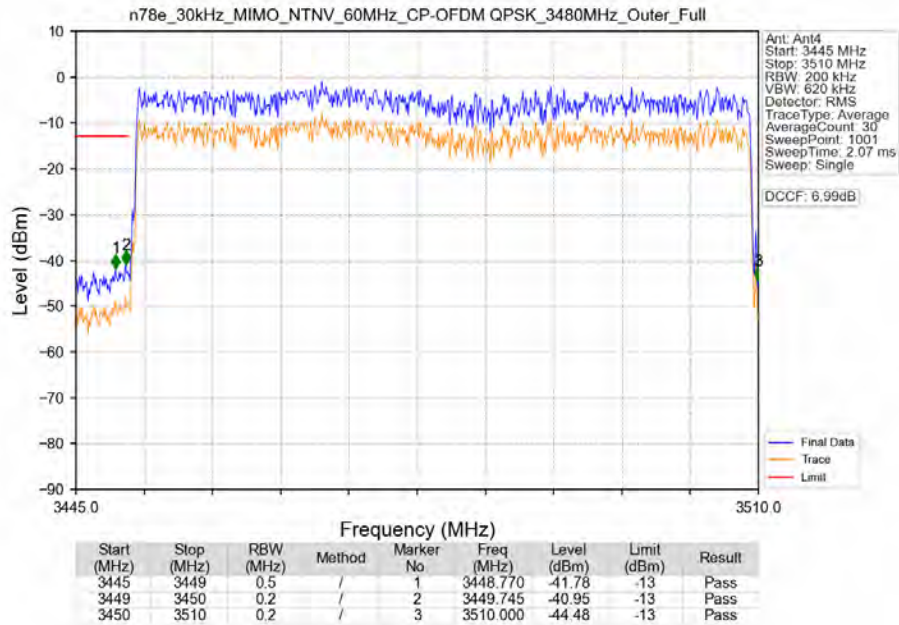
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n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM_QPSK_3480MHz_Outer_Full



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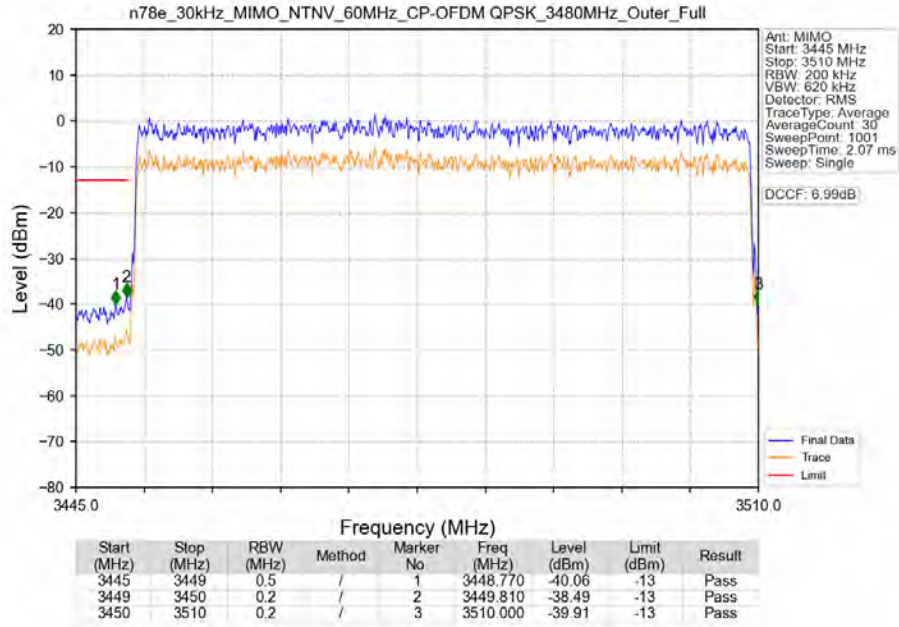


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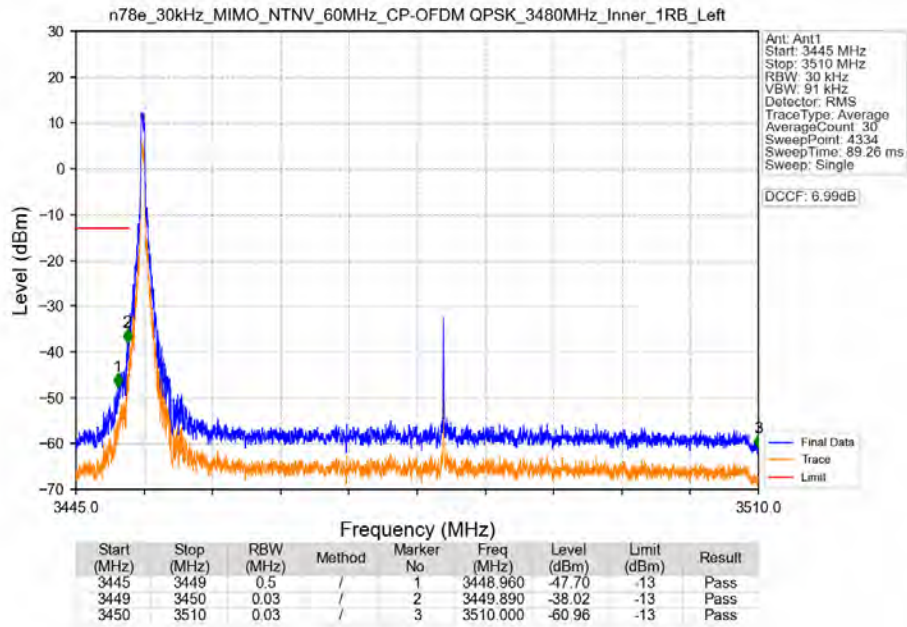
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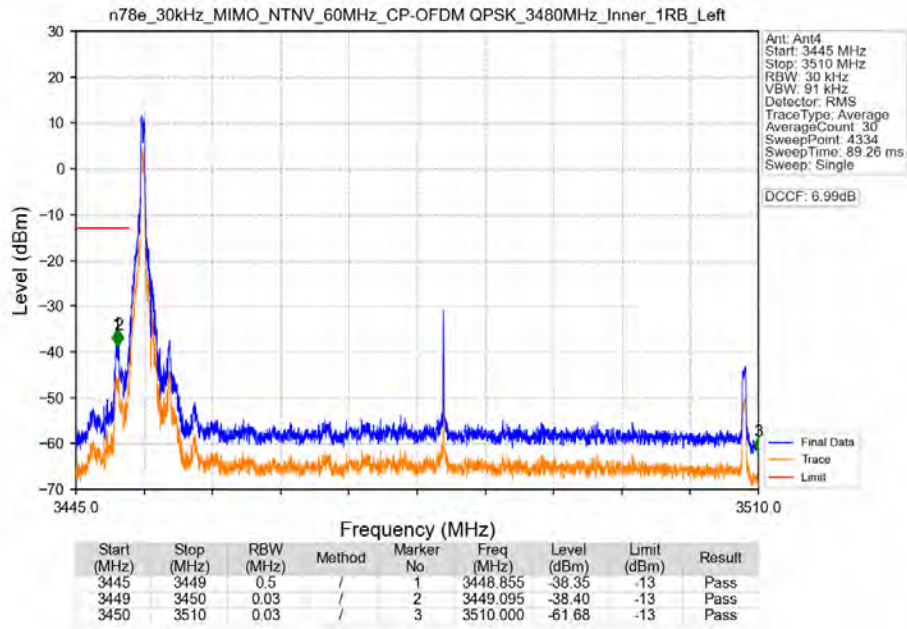


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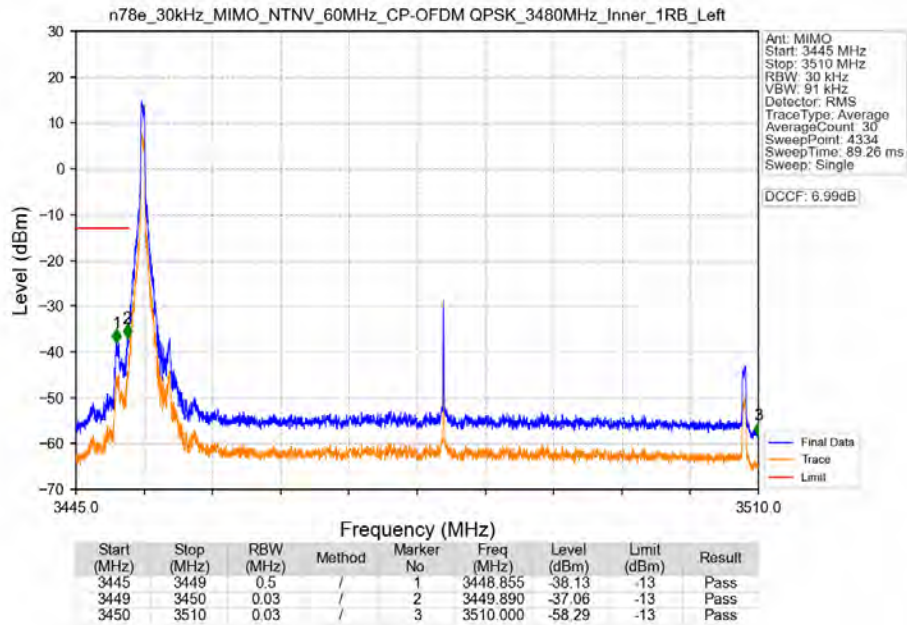
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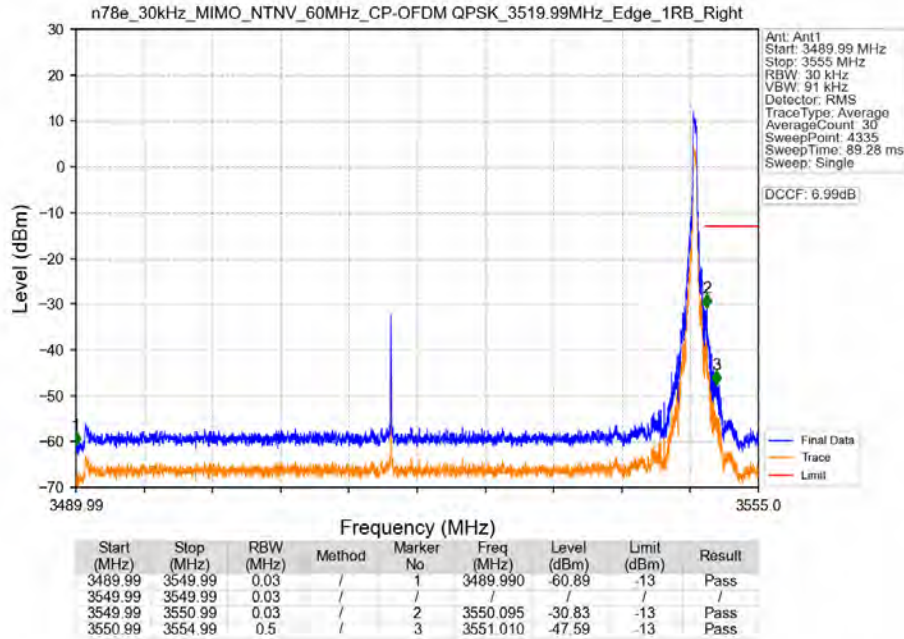


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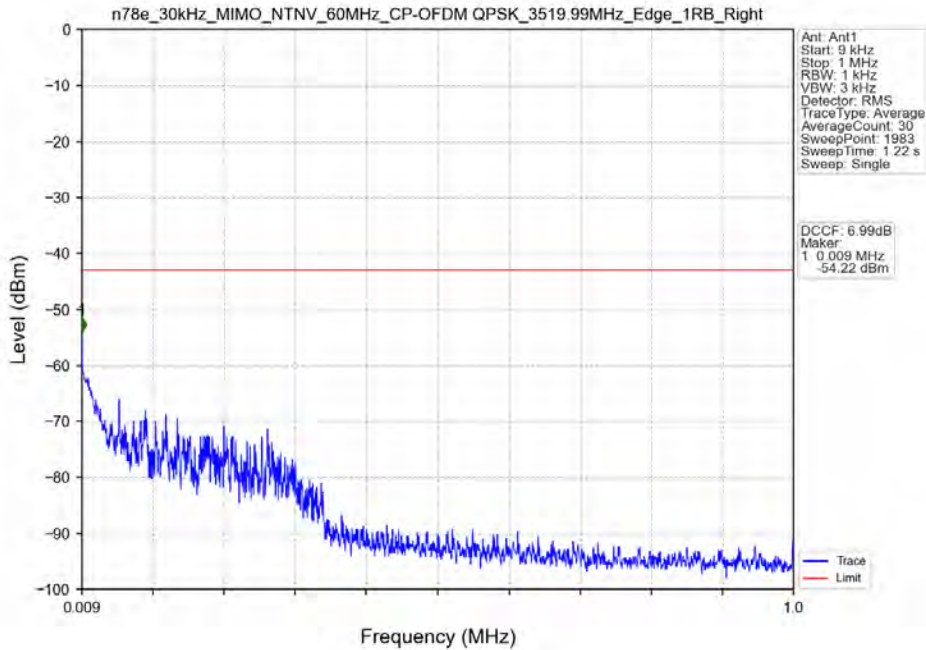
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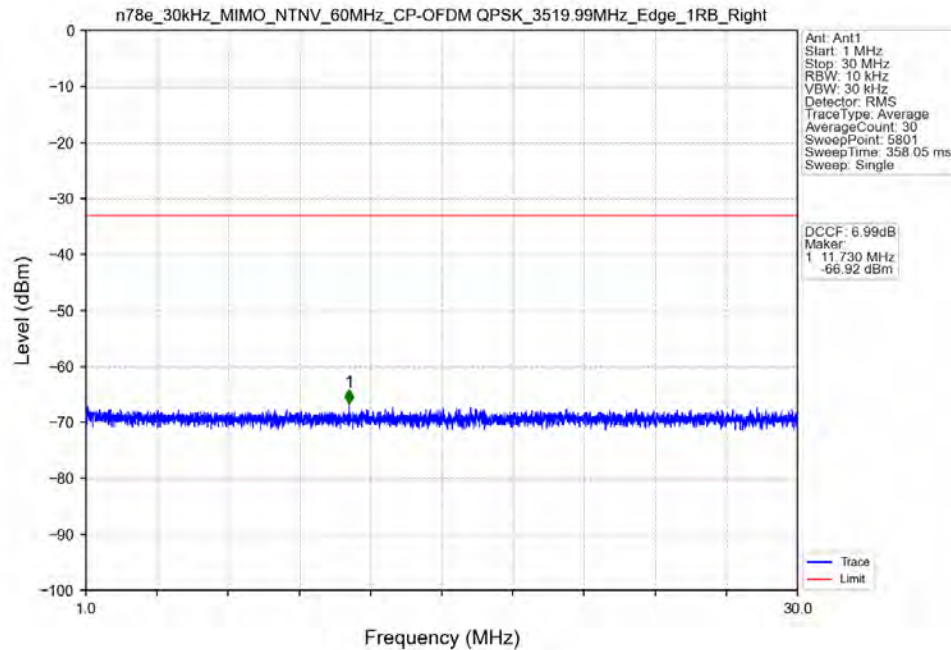


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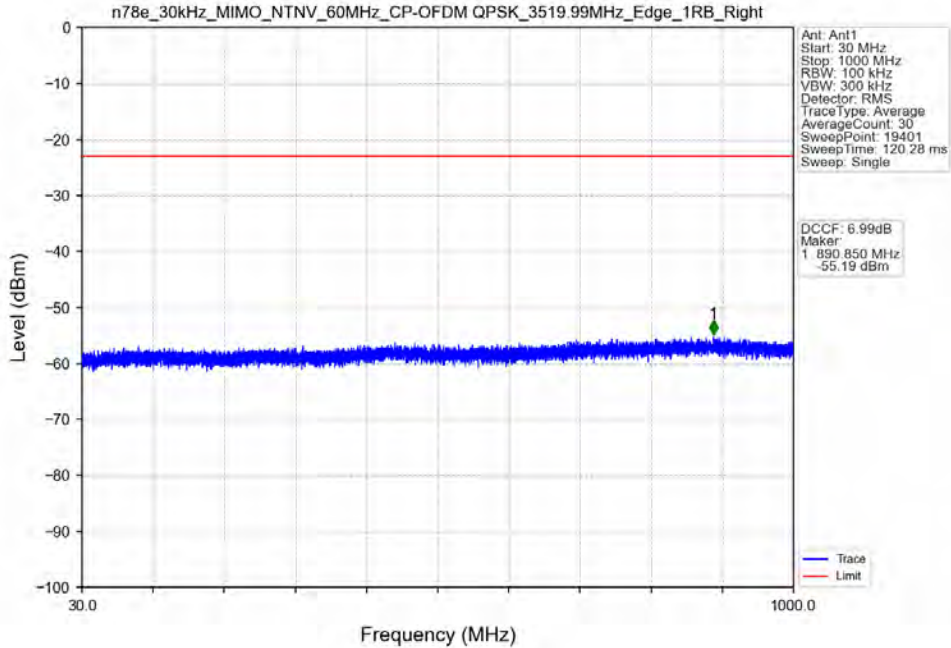
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n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3519.99MHz_Edge_1RB_Right



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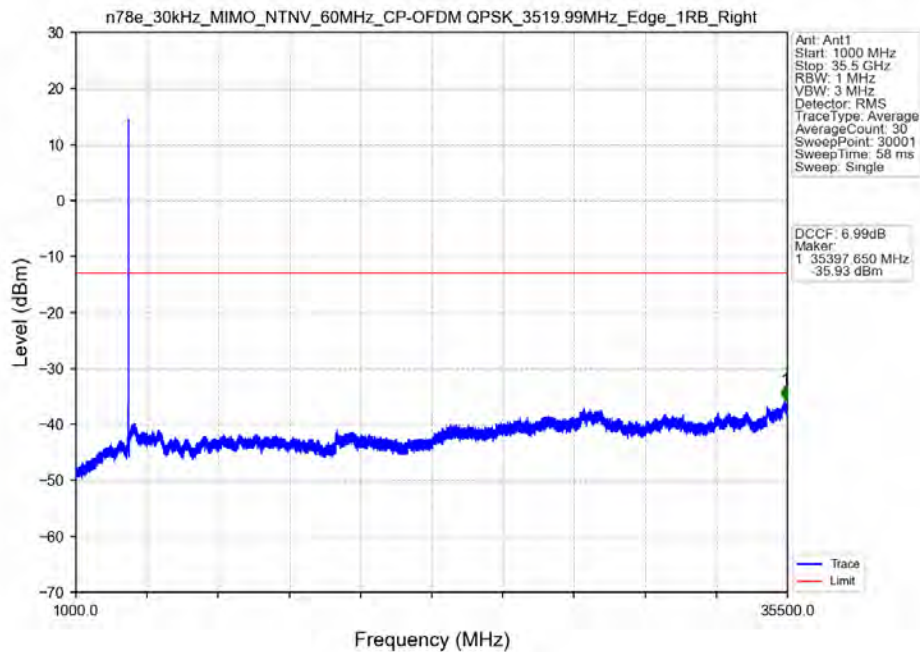


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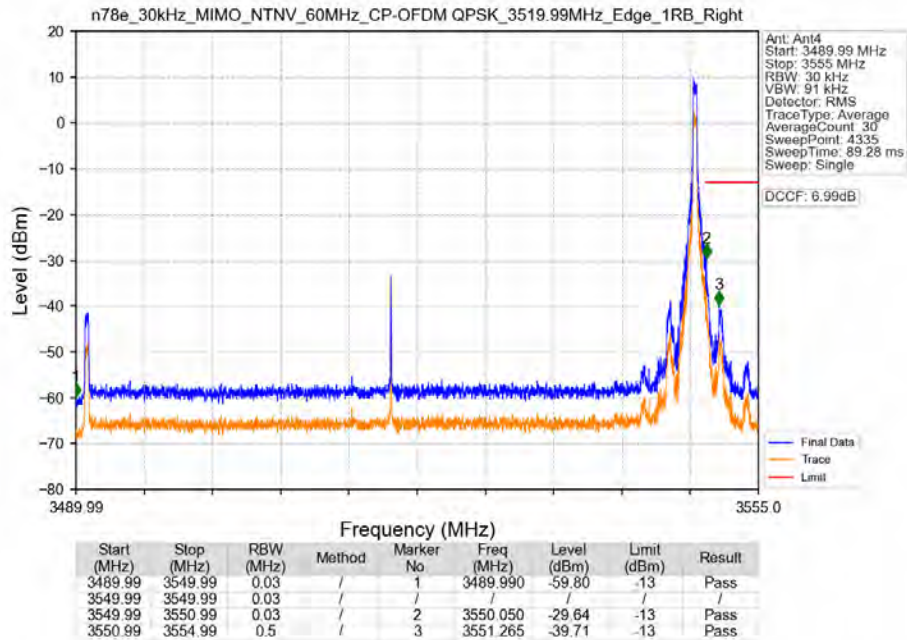
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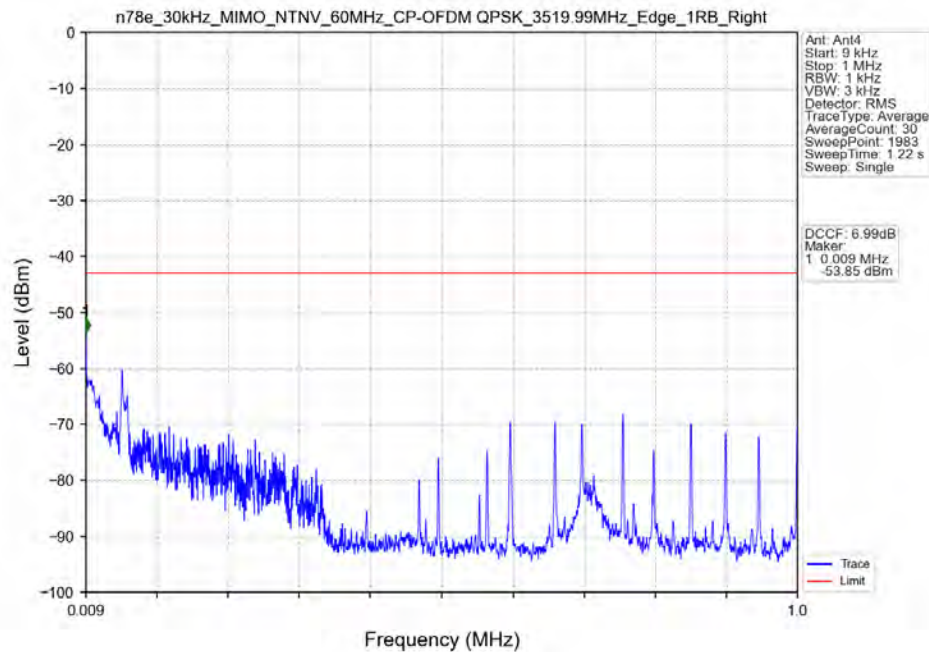


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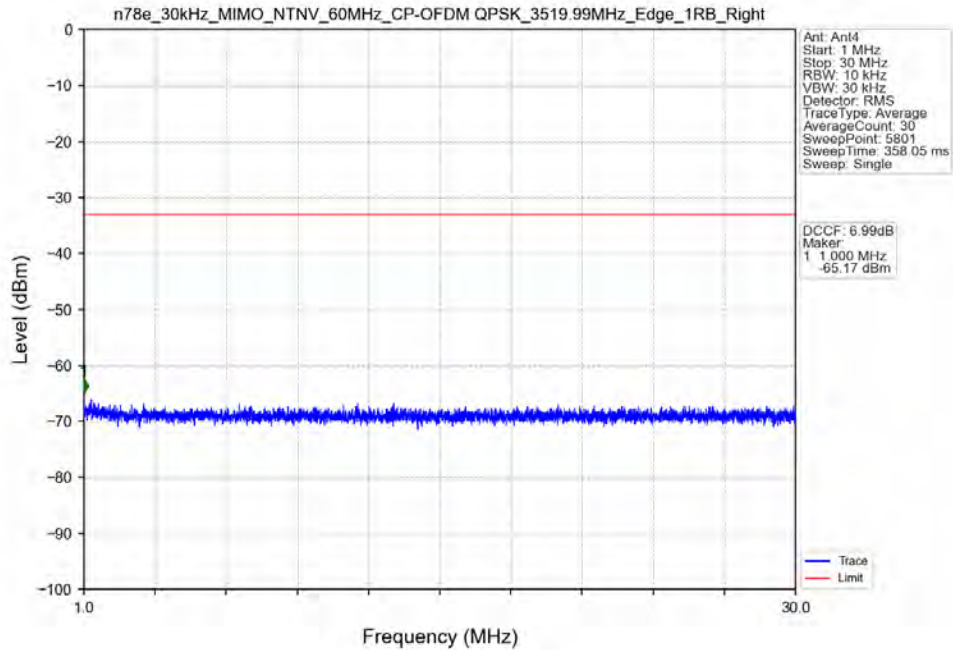
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n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3519.99MHz_Edge_1RB_Right



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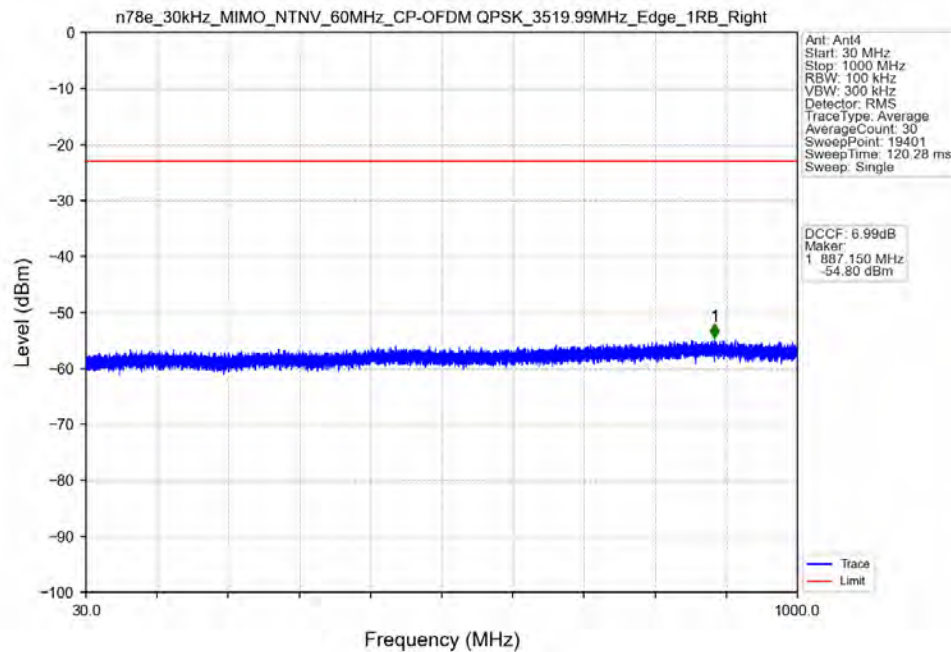


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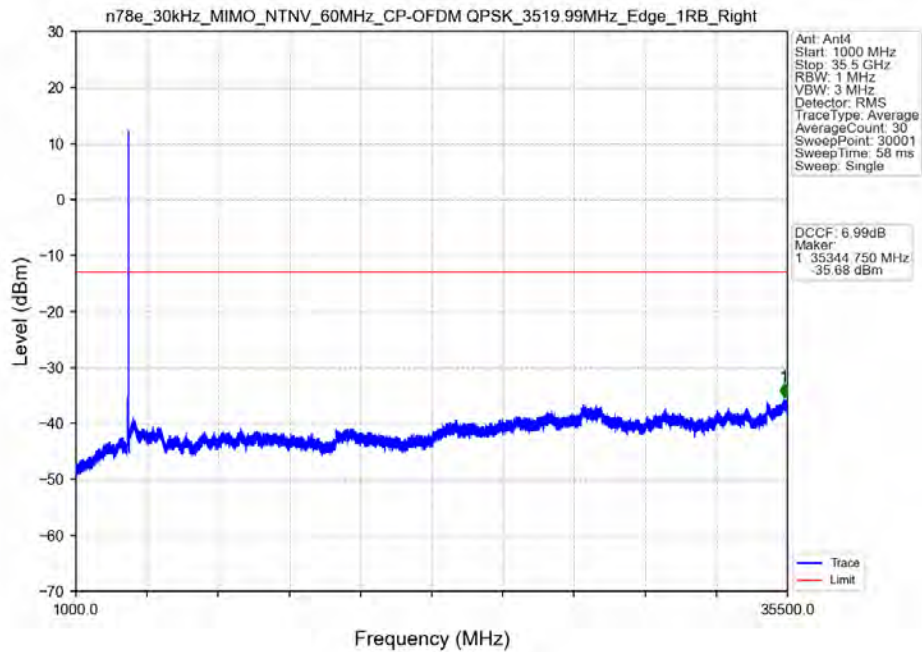
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n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3519.99MHz_Edge_1RB_Right



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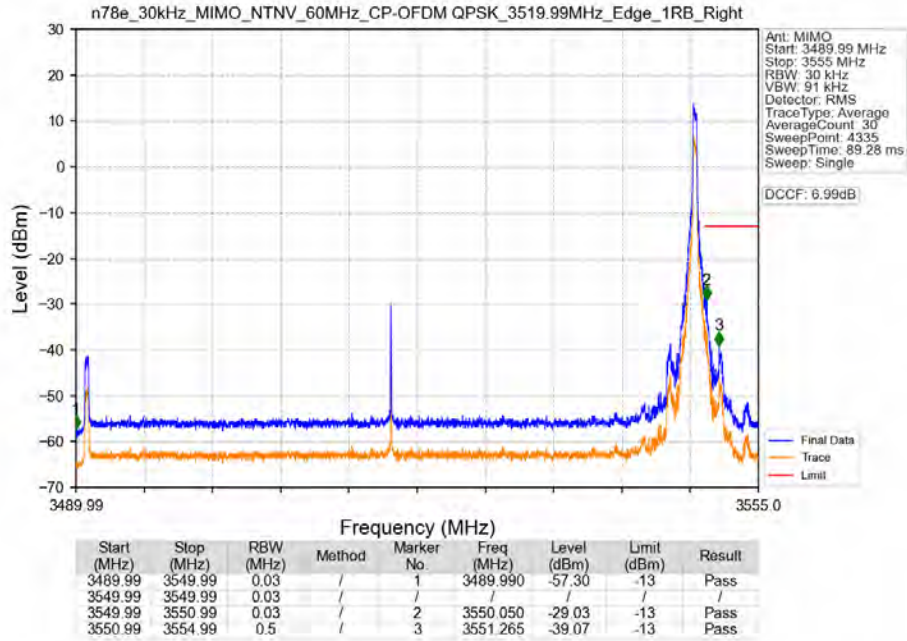


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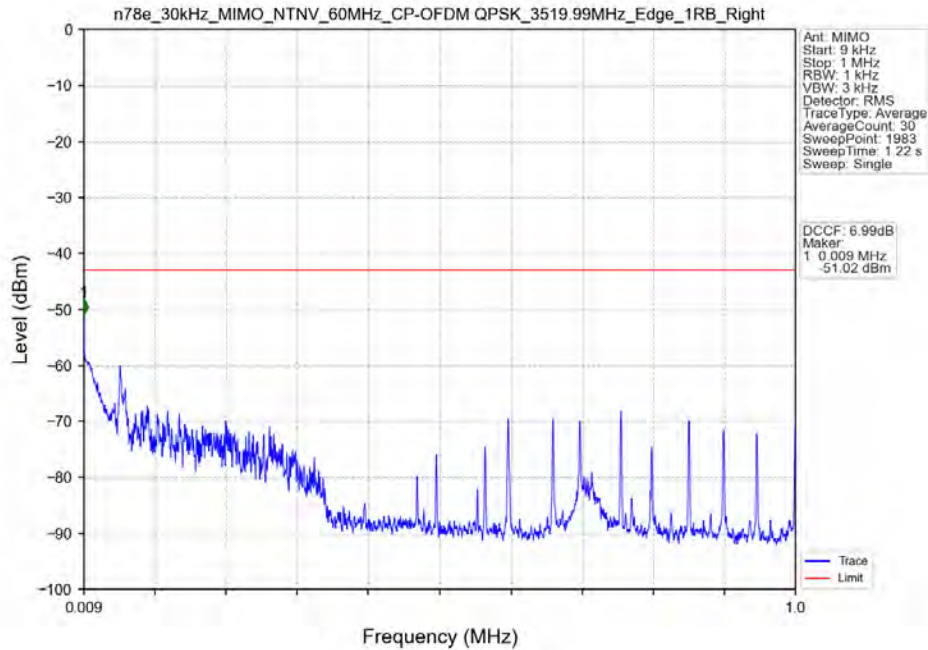
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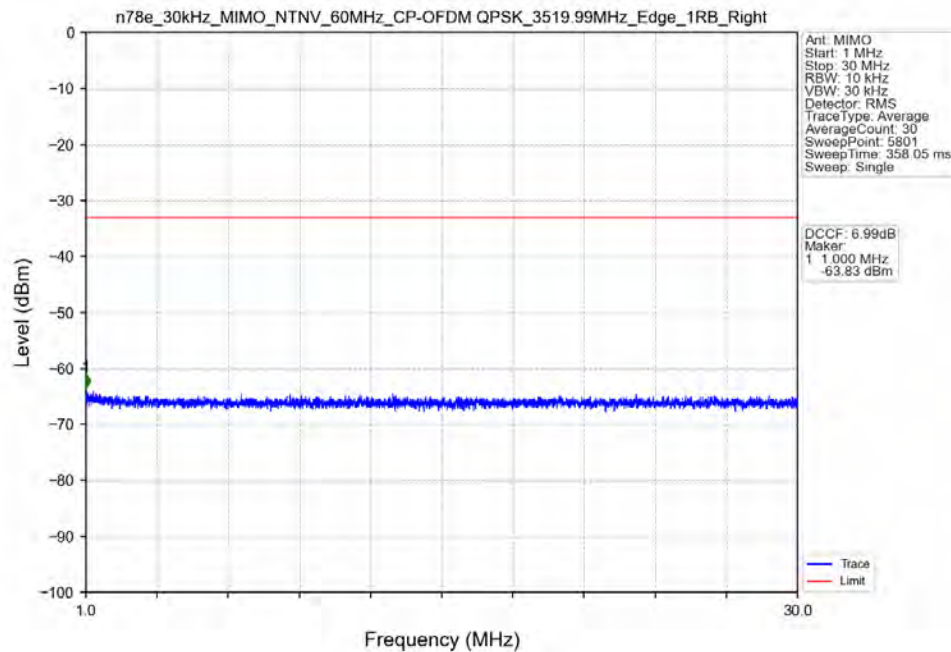


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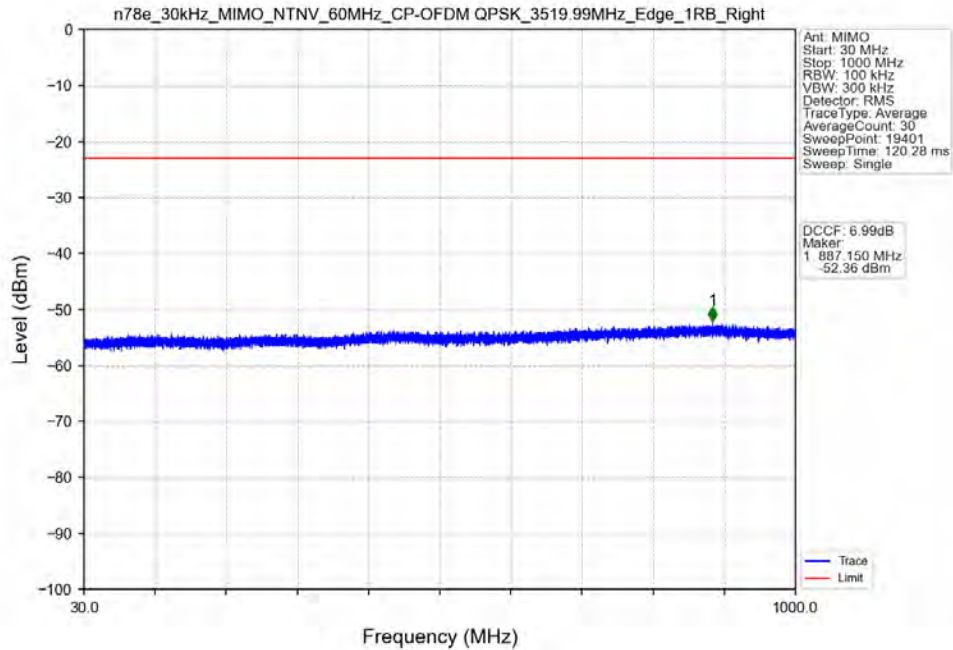
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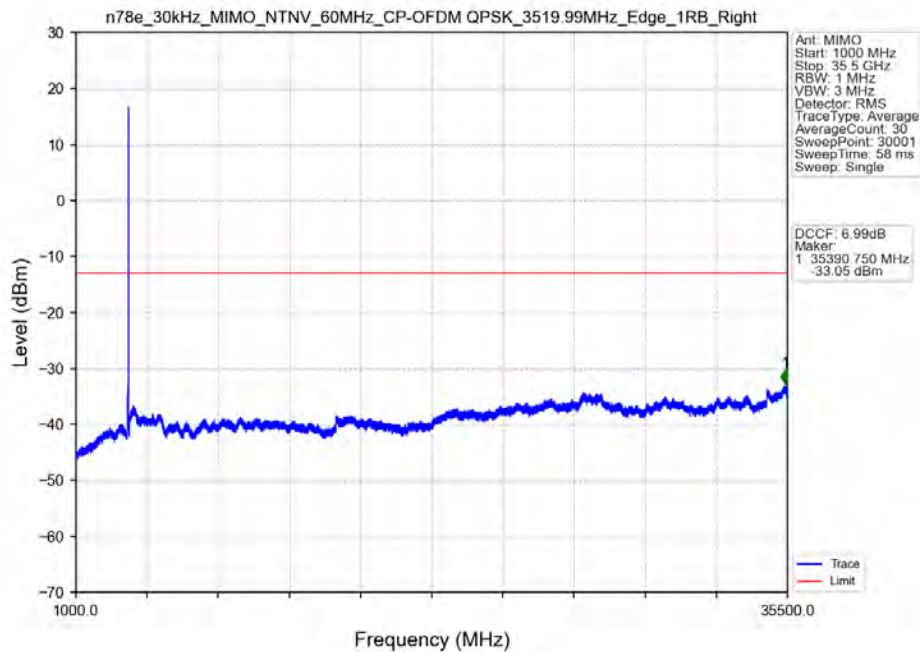


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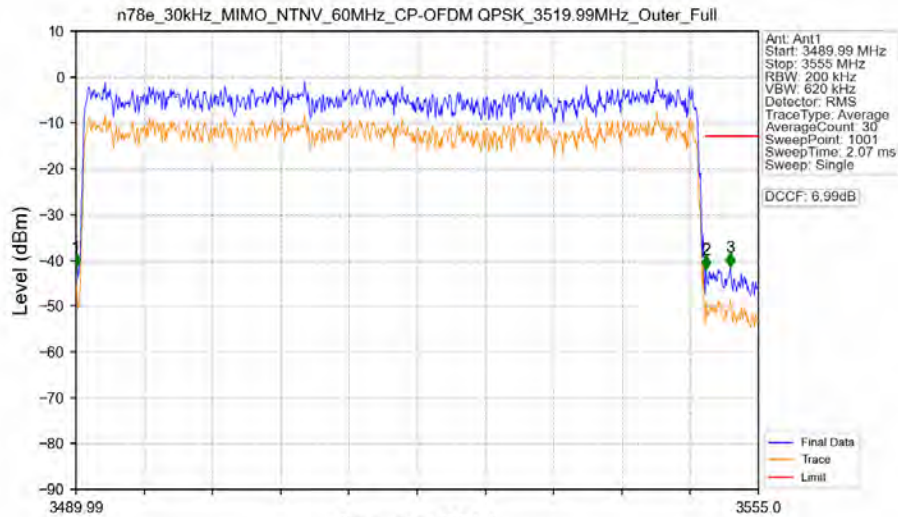
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n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3519.99MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3489.99	3549.99	0.2	/	1	3489.990	-41.45	-13	Pass
3549.99	3549.99	0.2	/	/	/	/	/	/
3549.99	3550.99	0.2	/	2	3549.994	-42.00	-13	Pass
3550.99	3554.99	0.5	/	3	3552.335	-41.47	-13	Pass

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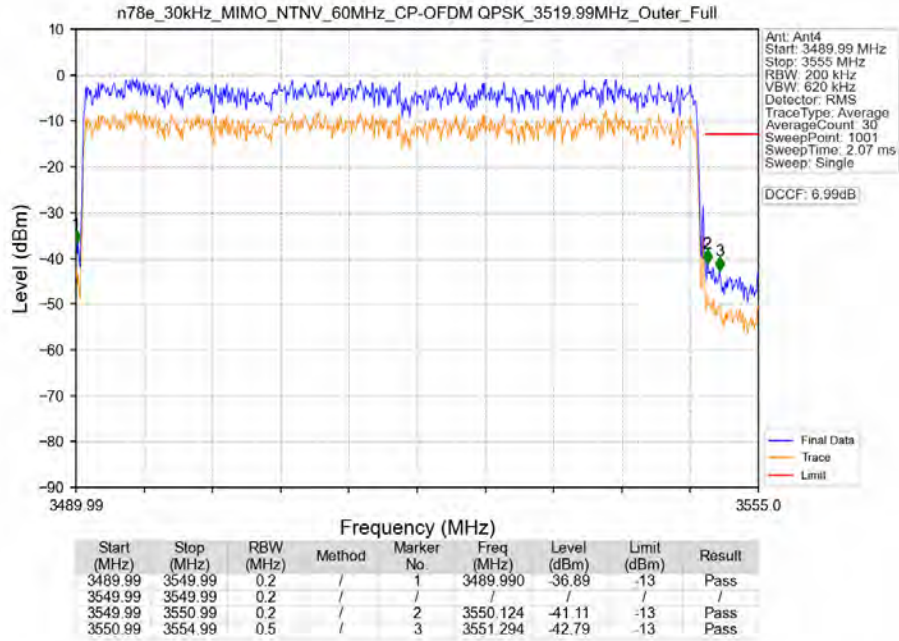


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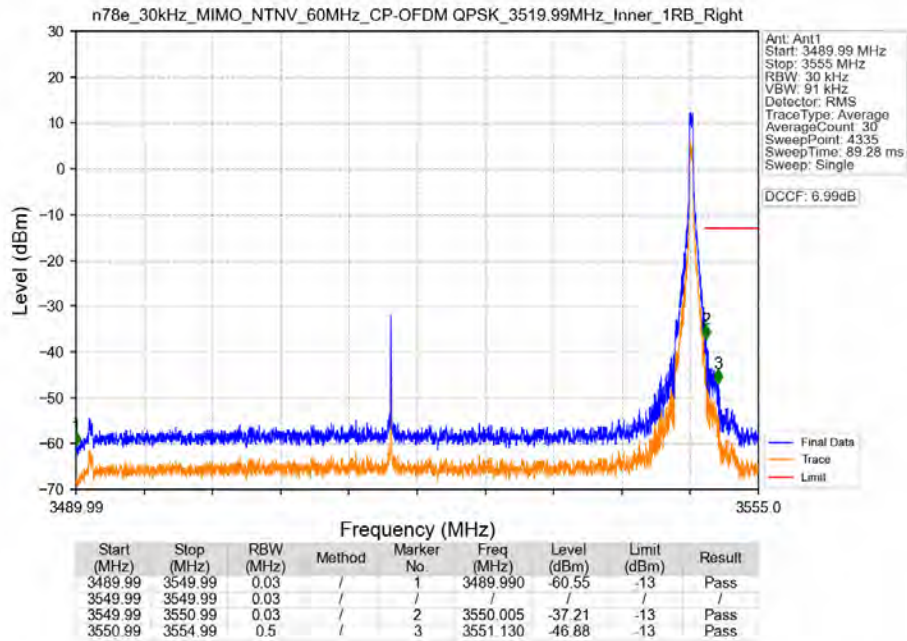


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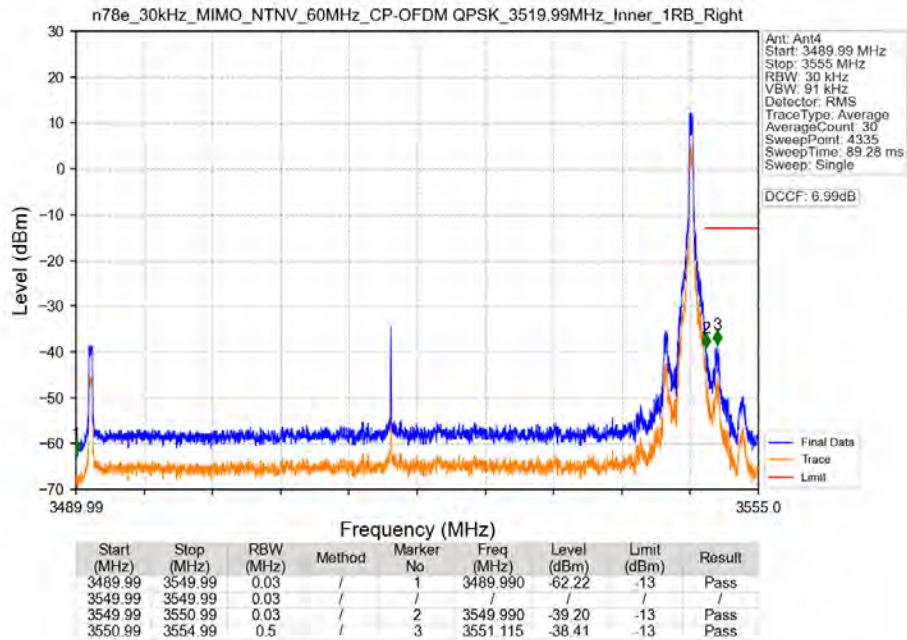
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n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM_QPSK_3519.99MHz_Inner_1RB_Right



n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM_QPSK_3519.99MHz_Inner_1RB_Right



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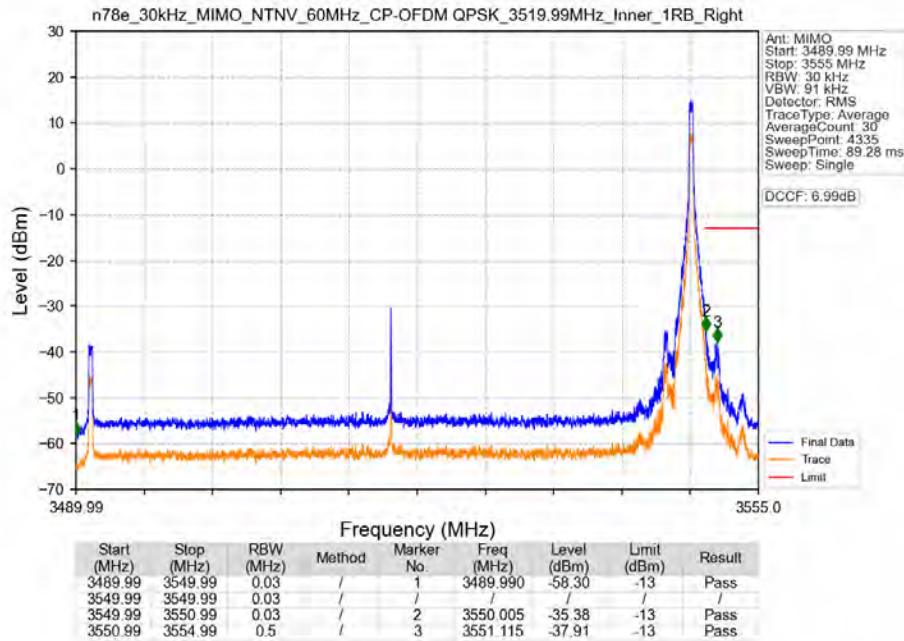


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5.15 30k_MIMO_70MHz_NTNV

5.15.1 Test Result

5G NR n78e SCS=30kHz MIMO 70MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant4	Sum	Limit	
CP-OFDM QPSK	3485.01	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
	3514.98	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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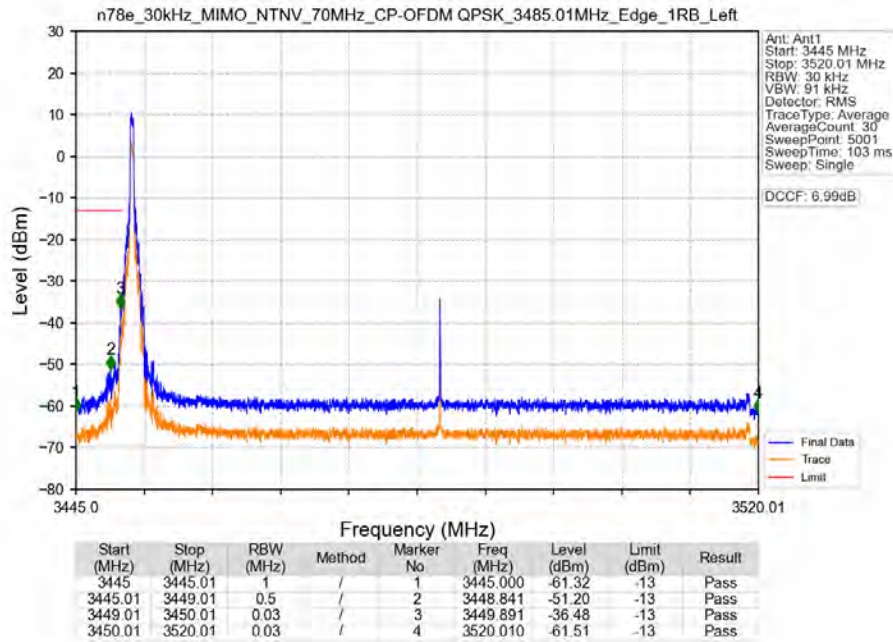
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5.15.2 Test Graph

n78e 30kHz MIMO NTN 70MHz CP-OFDM QPSK 3485.01MHz Edge 1RB Left



n78e 30kHz MIMO NTN 70MHz CP-OFDM QPSK 3485.01MHz Edge 1RB Left



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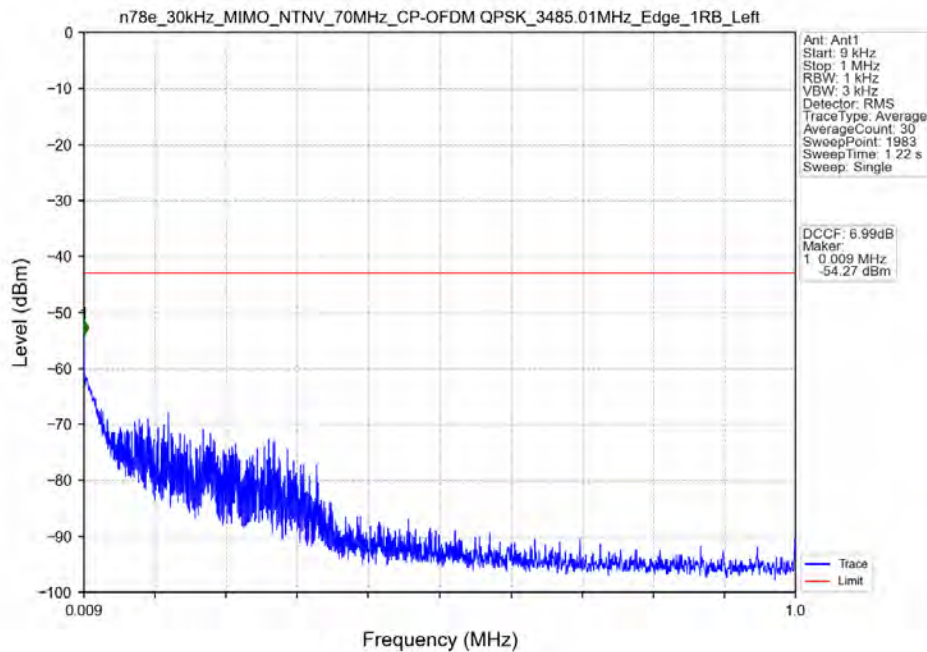


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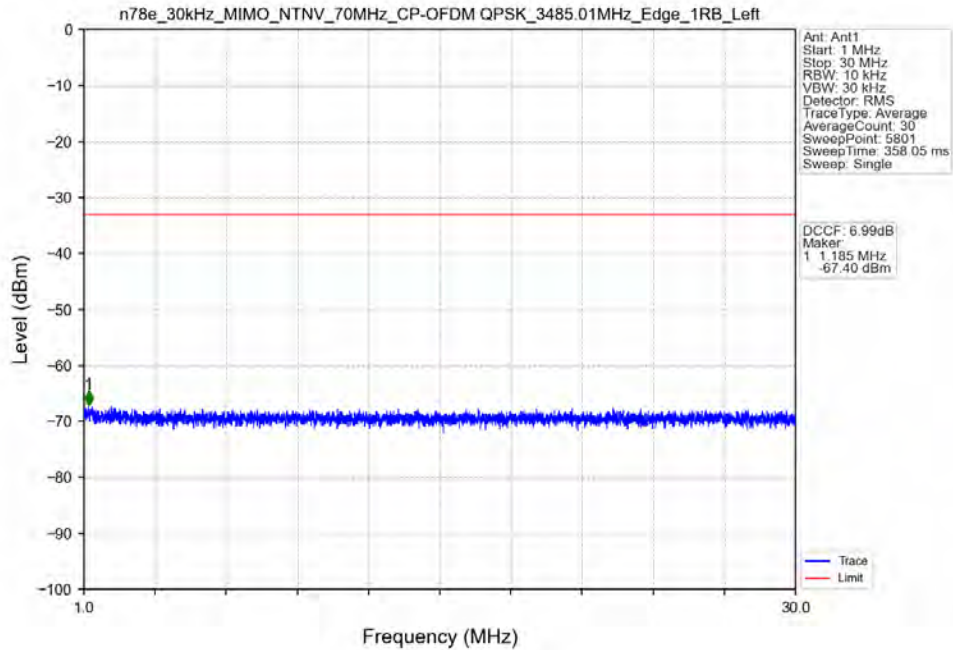
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n78e_30kHz_MIMO_NTNV_70MHz_CP-OFDM QPSK_3485.01MHz_Edge_1RB_Left



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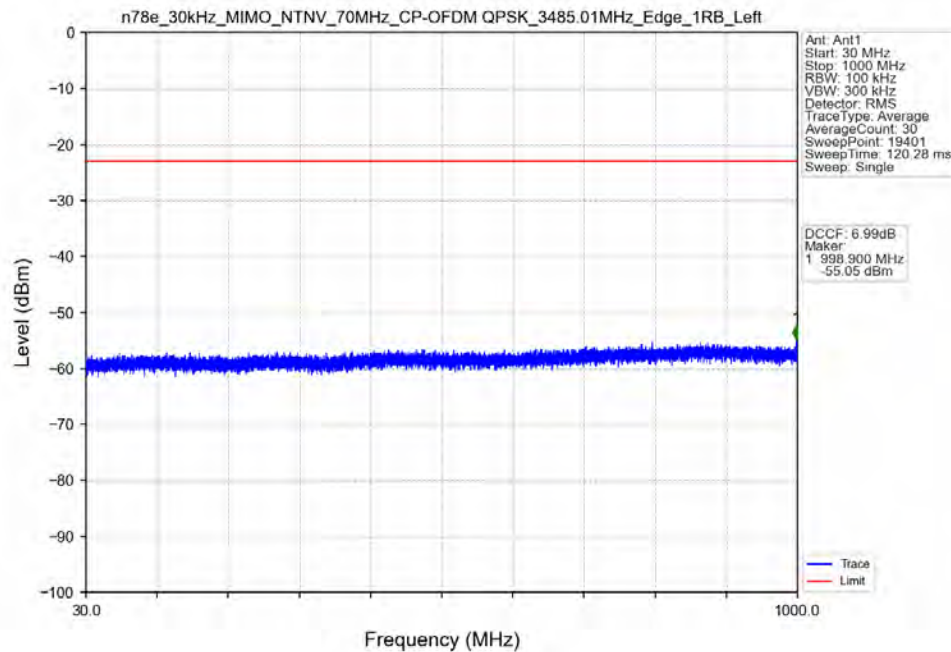


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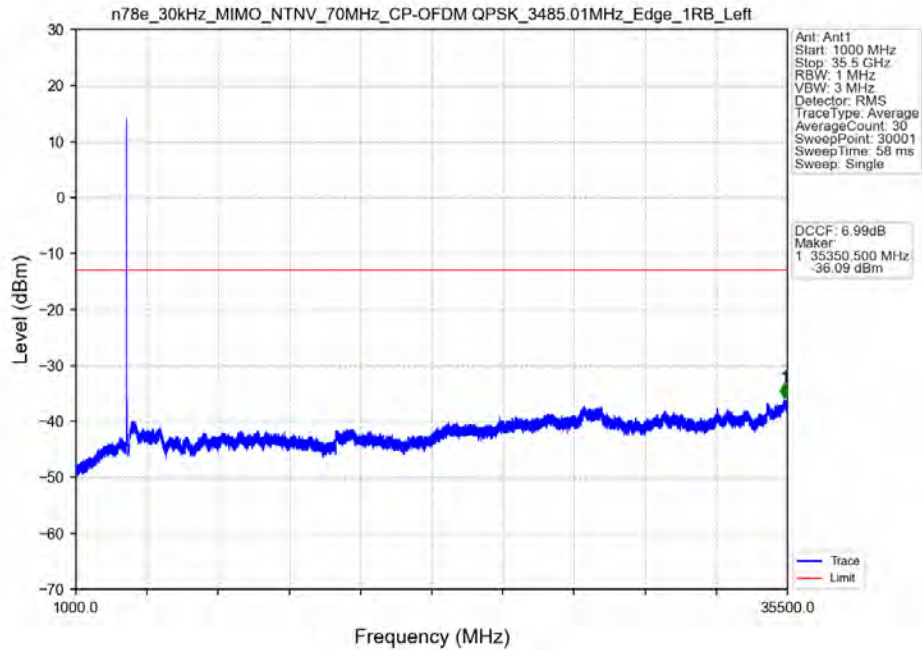
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n78e_30kHz_MIMO_NTNV_70MHz_CP-OFDM QPSK_3485.01MHz_Edge_1RB_Left



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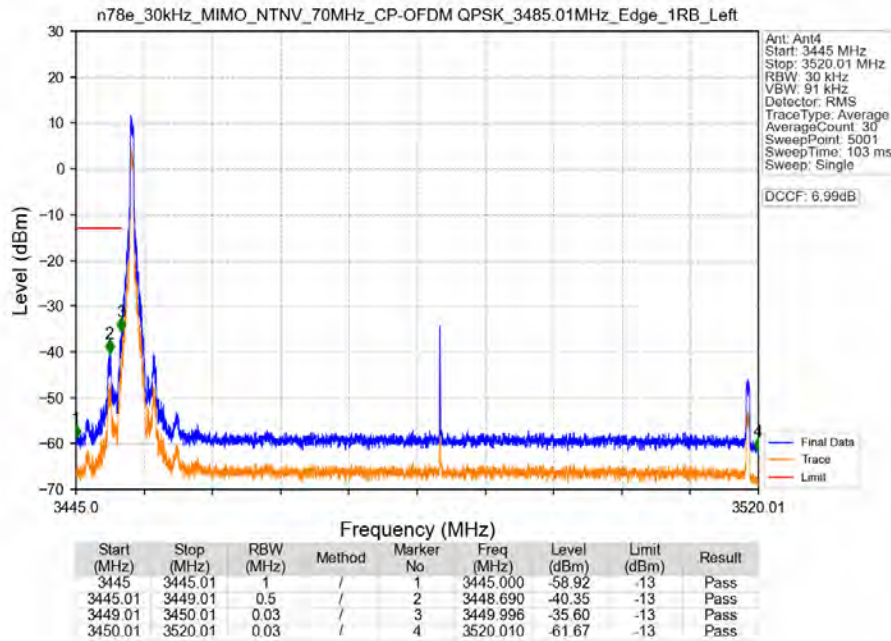


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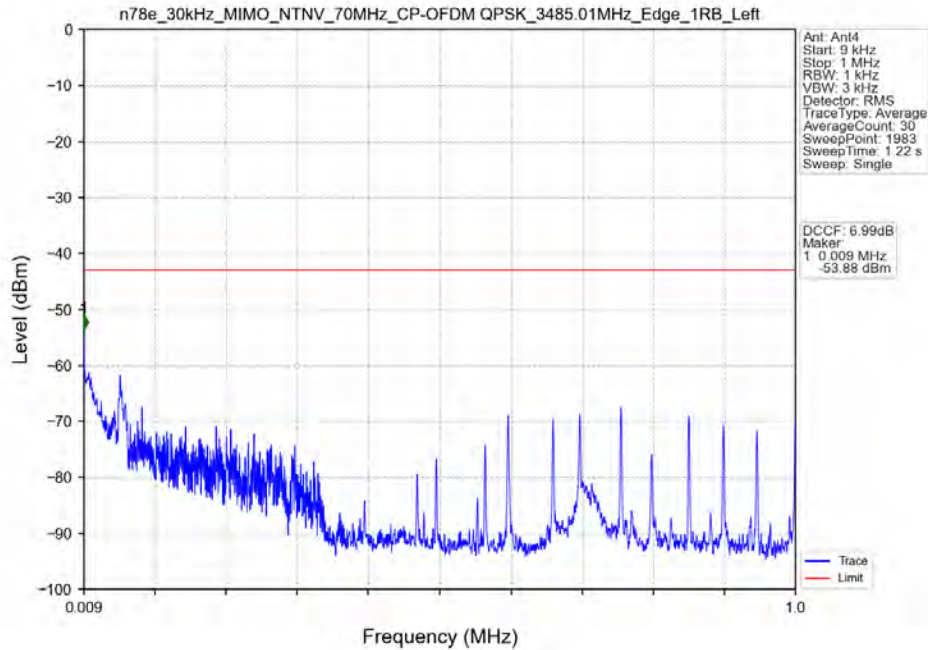
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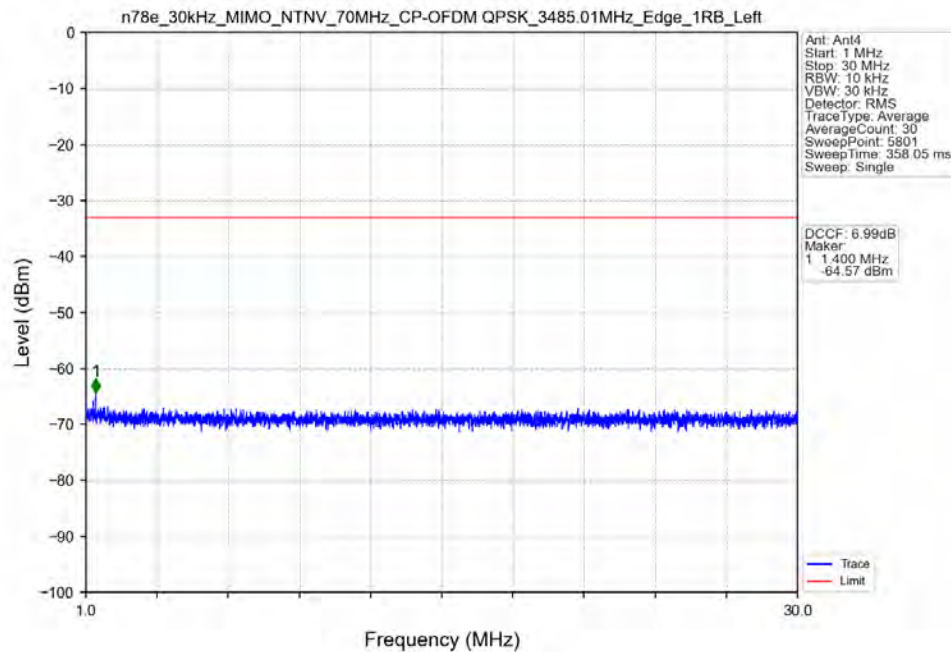


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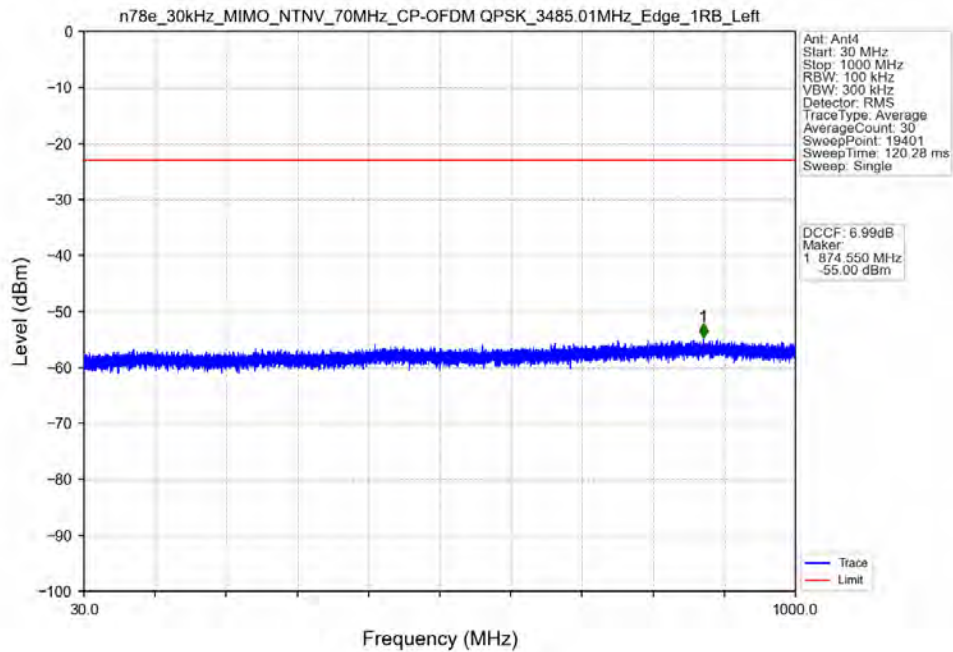
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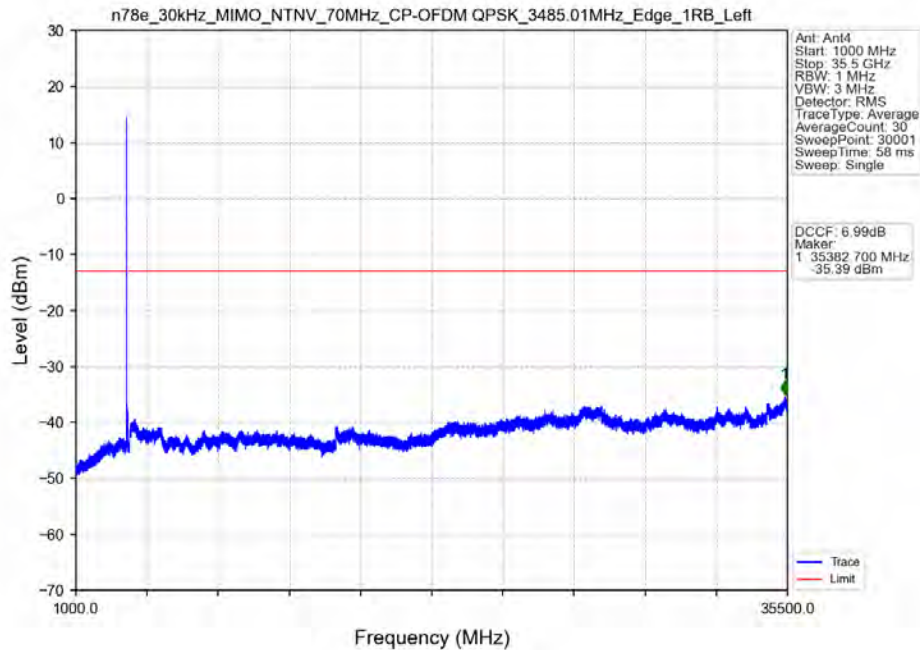


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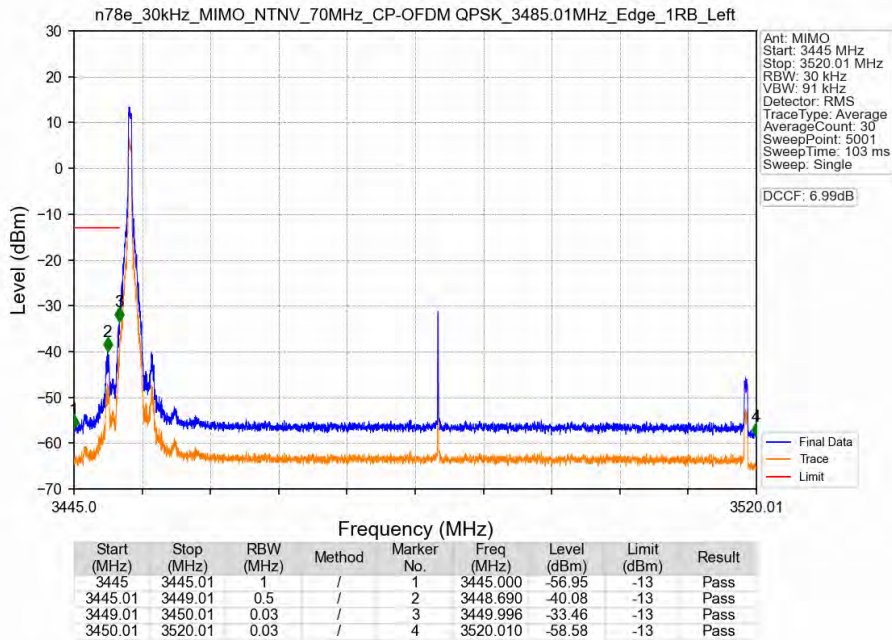
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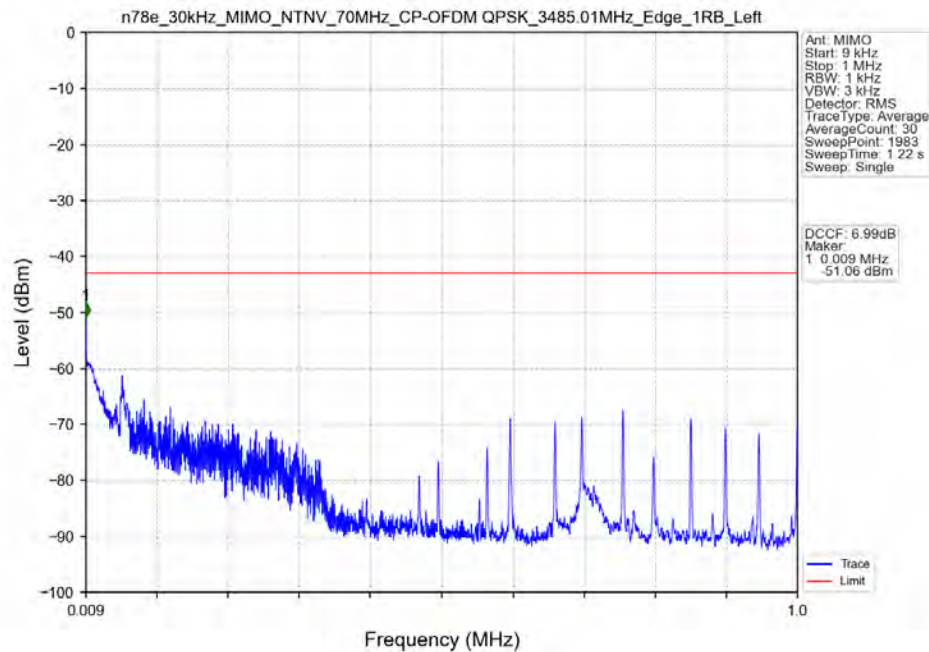


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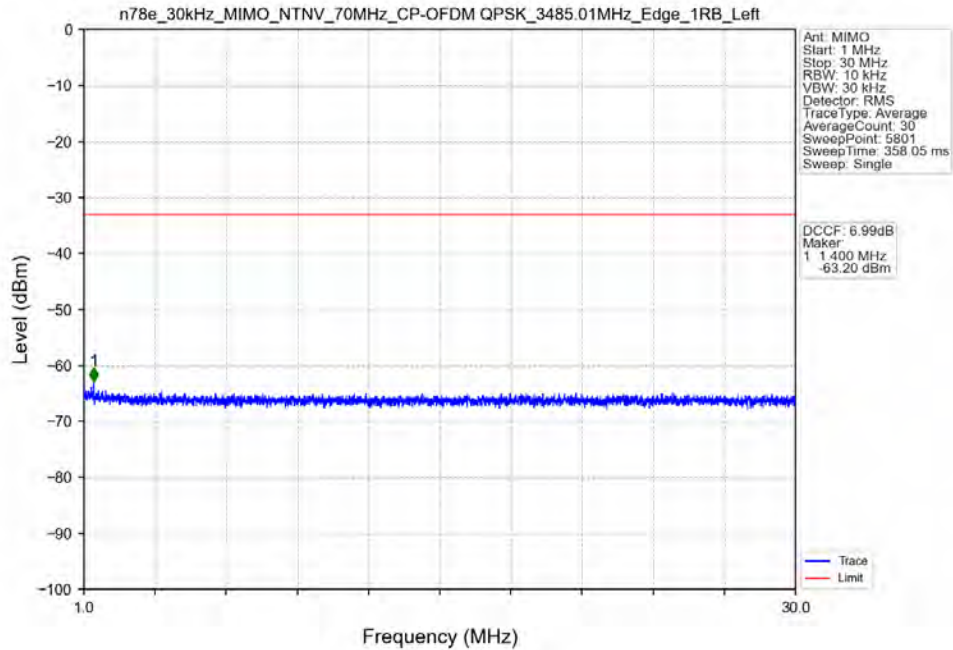
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n78e_30kHz_MIMO_NTNV_70MHz_CP-OFDM QPSK_3485.01MHz_Edge_1RB_Left



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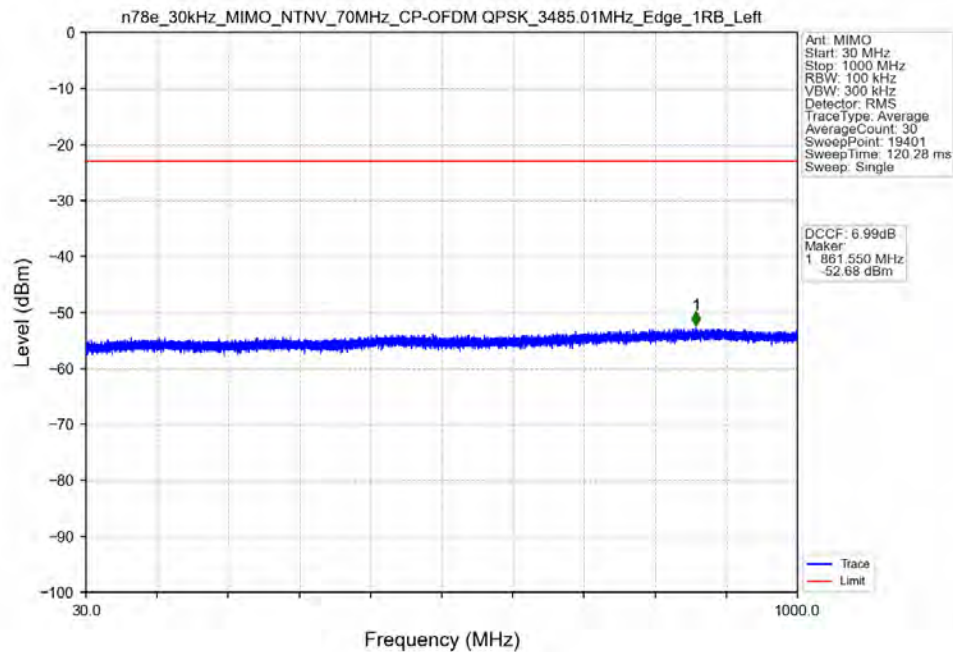


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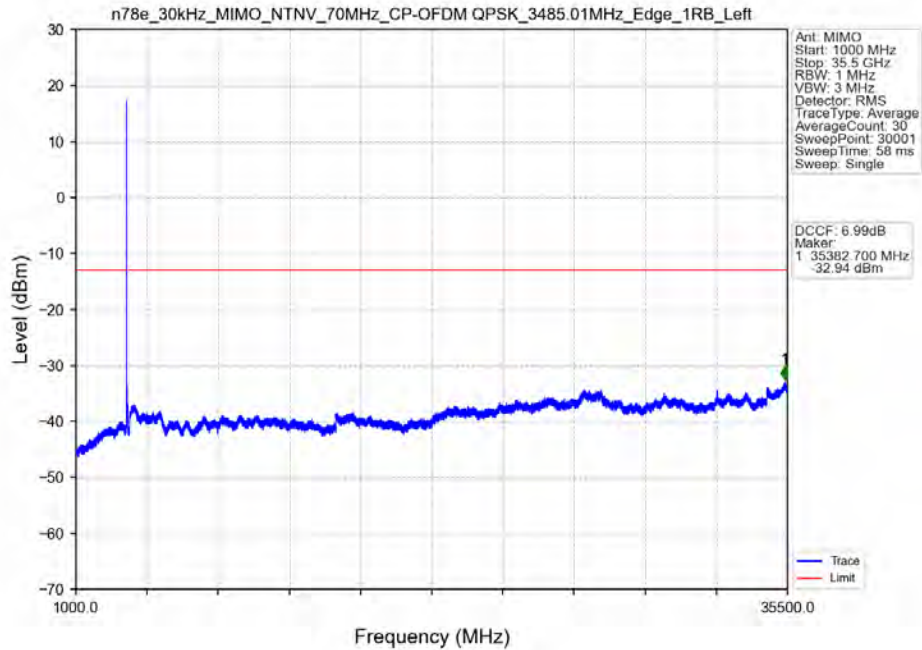
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n78e_30kHz_MIMO_NTNV_70MHz_CP-OFDM QPSK_3485.01MHz_Outer_Full



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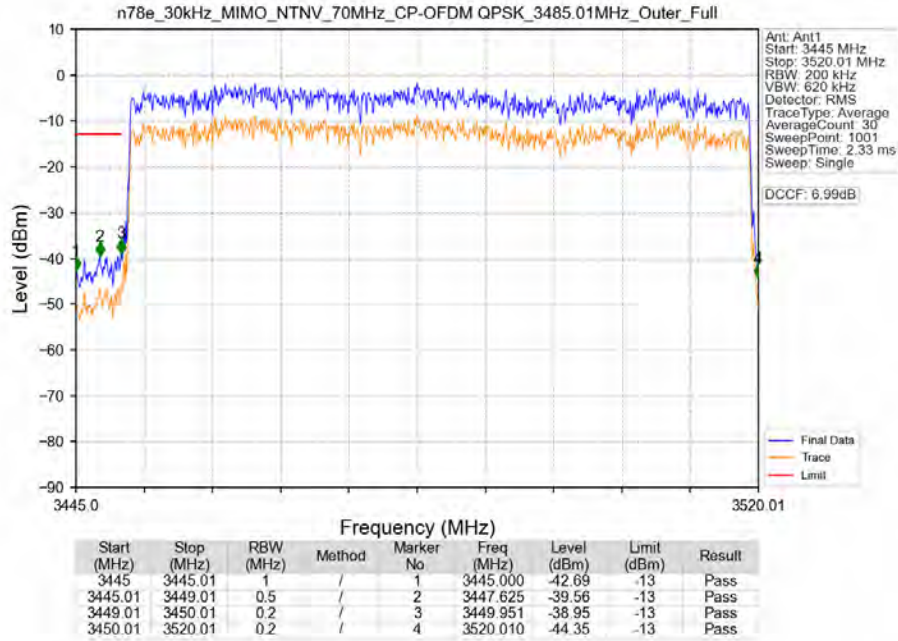


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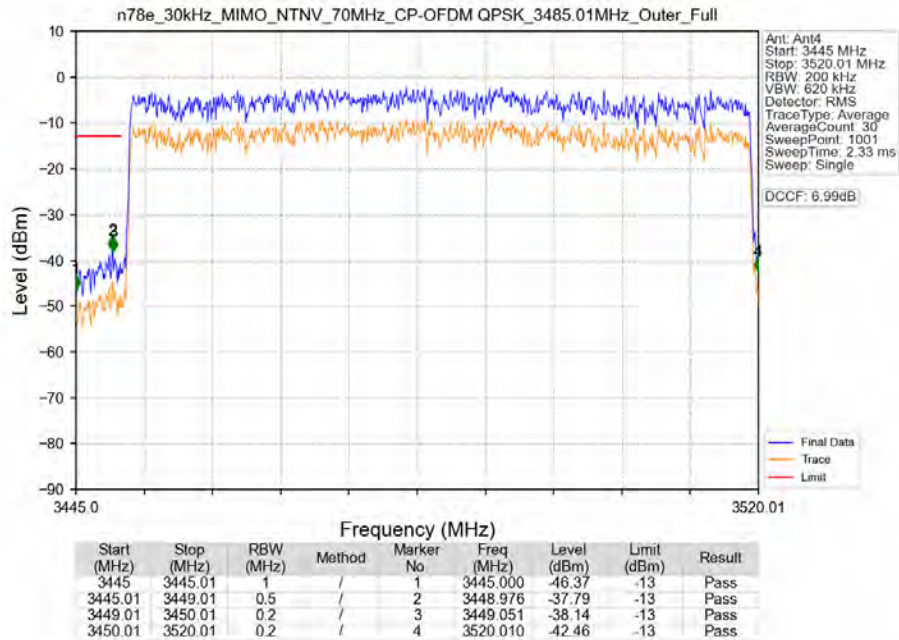
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n78e_30kHz_MIMO_NTNV_70MHz_CP-OFDM_QPSK_3485.01MHz_Outer_Full



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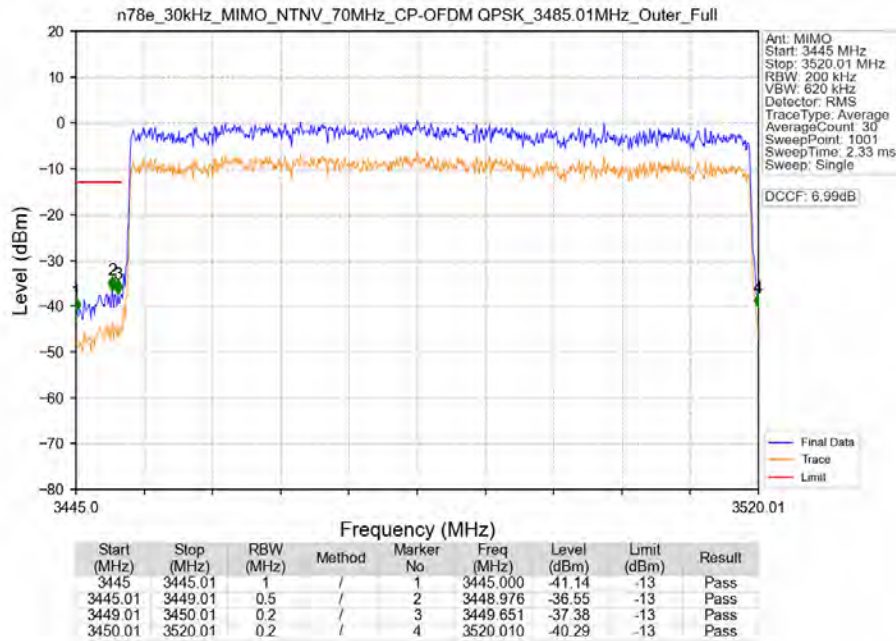


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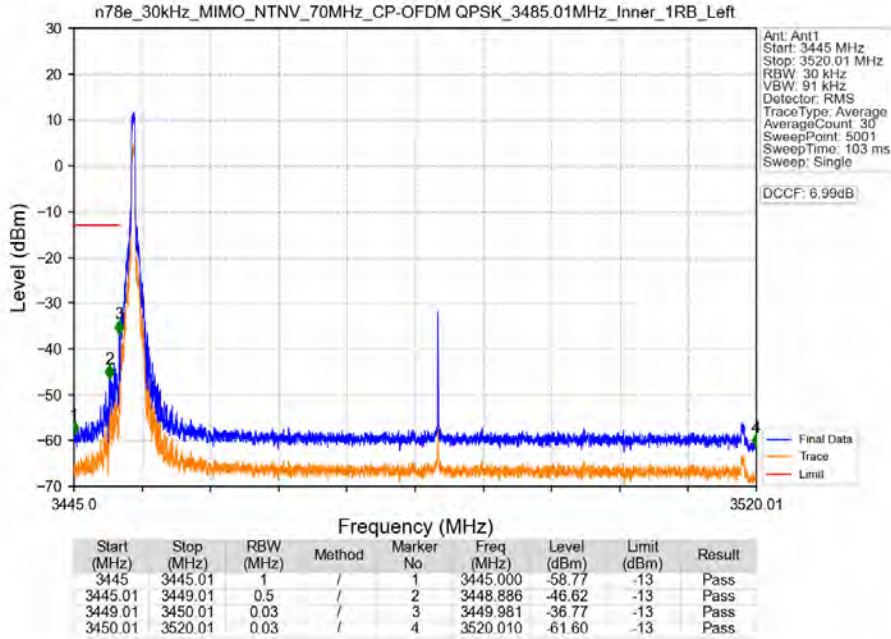
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n78e_30kHz_MIMO_NTNV_70MHz_CP-OFDM QPSK_3485.01MHz_Inner_1RB_Left



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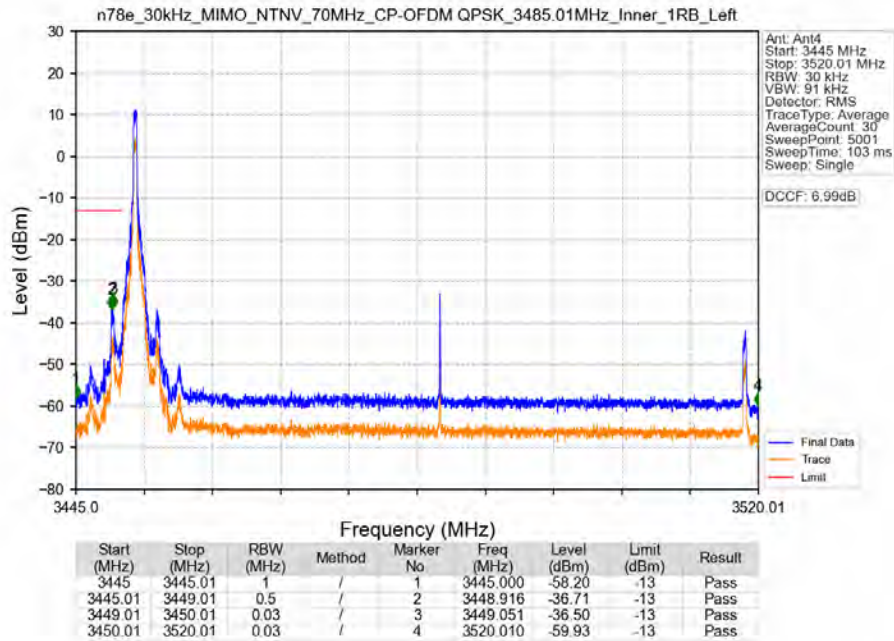


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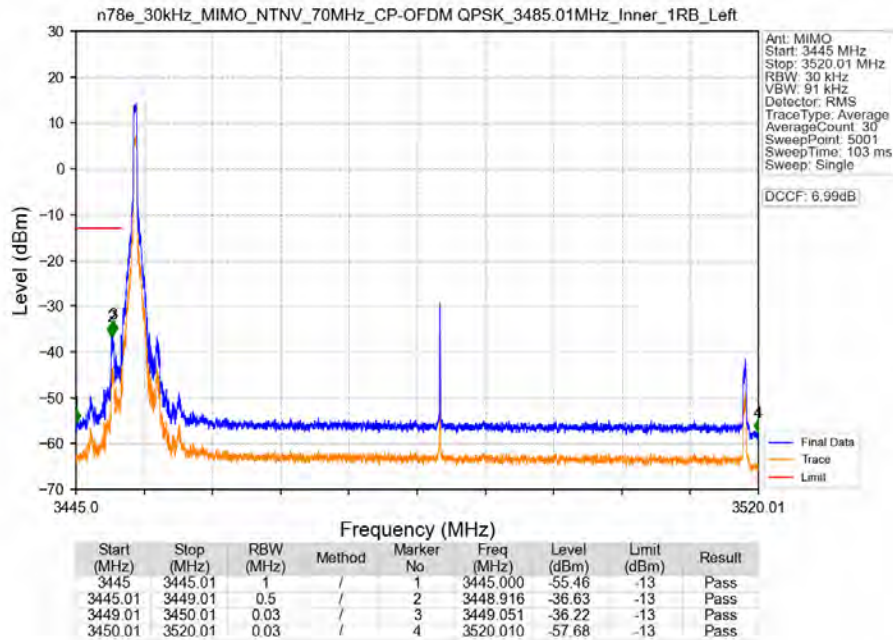
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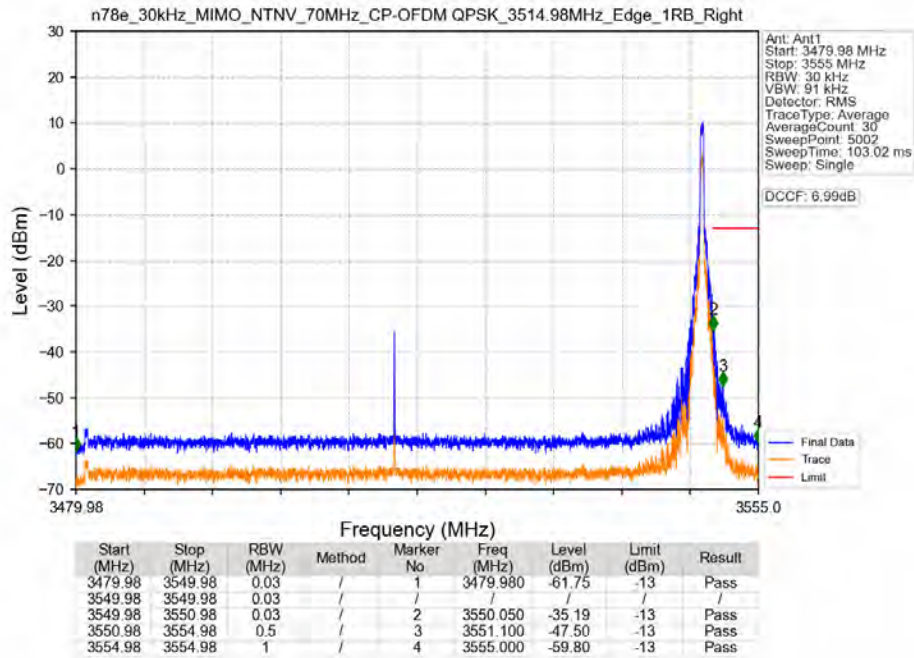


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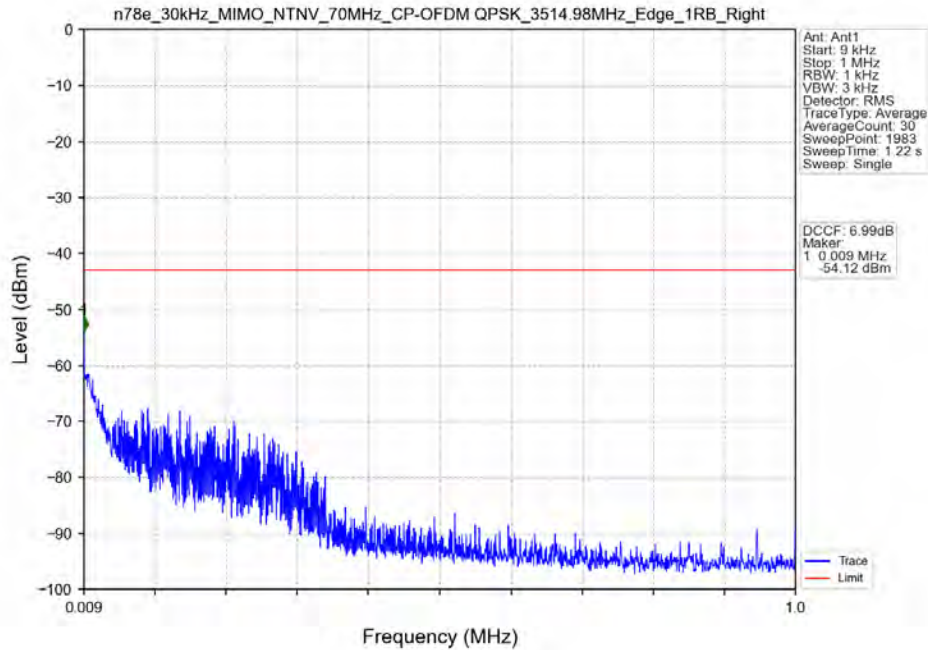
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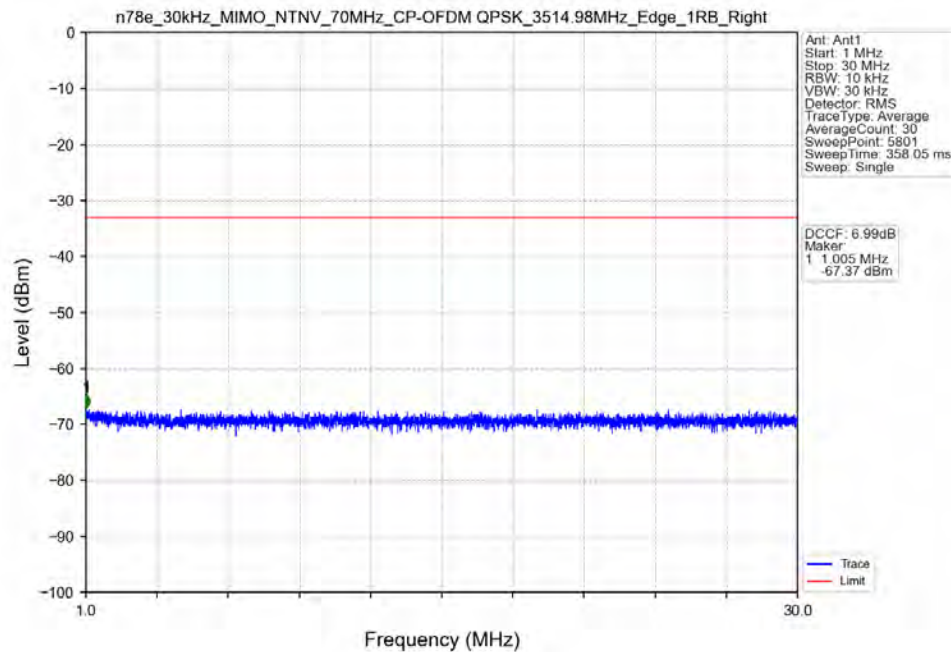


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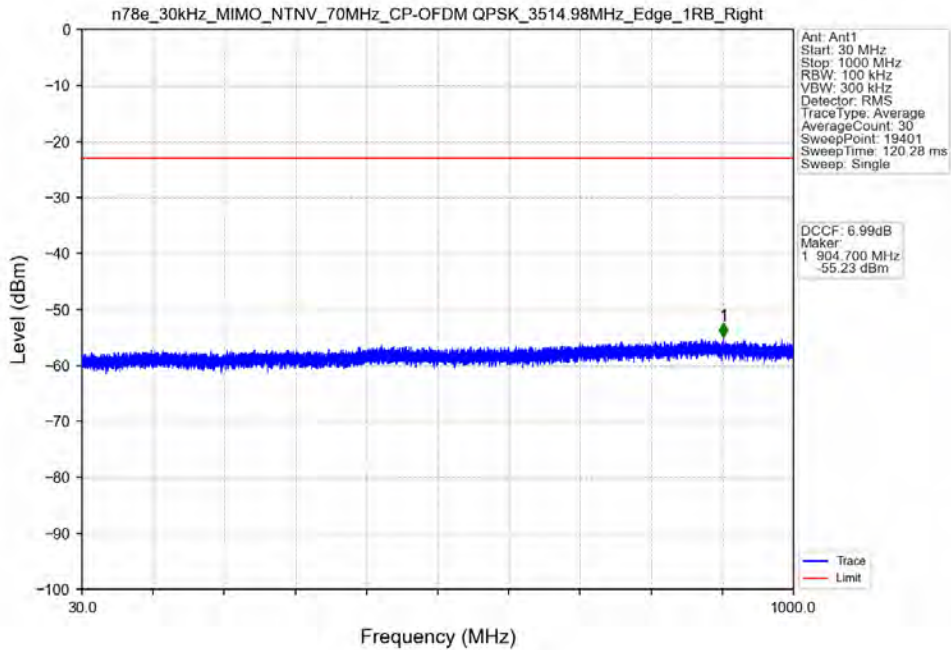
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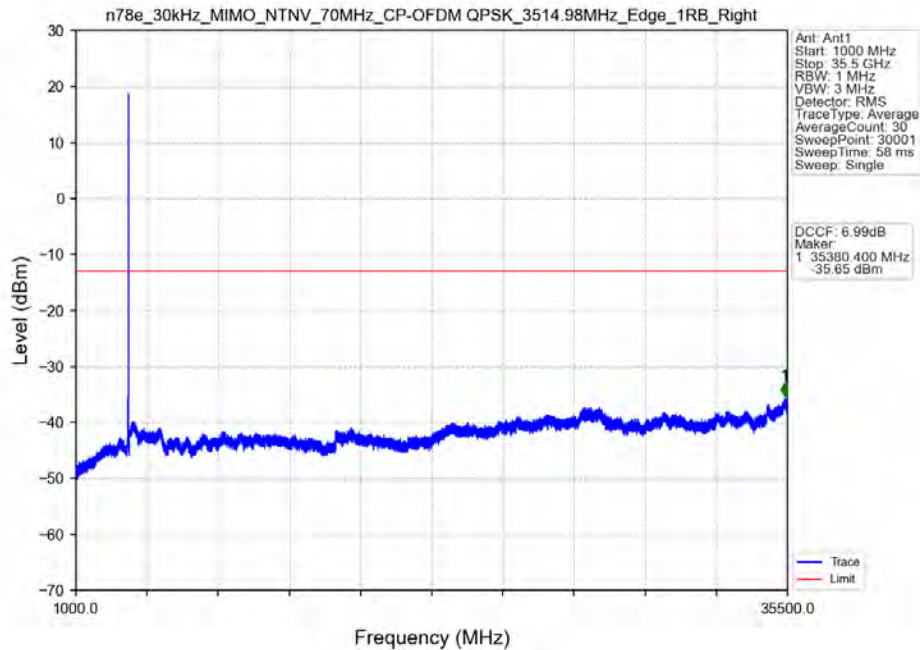


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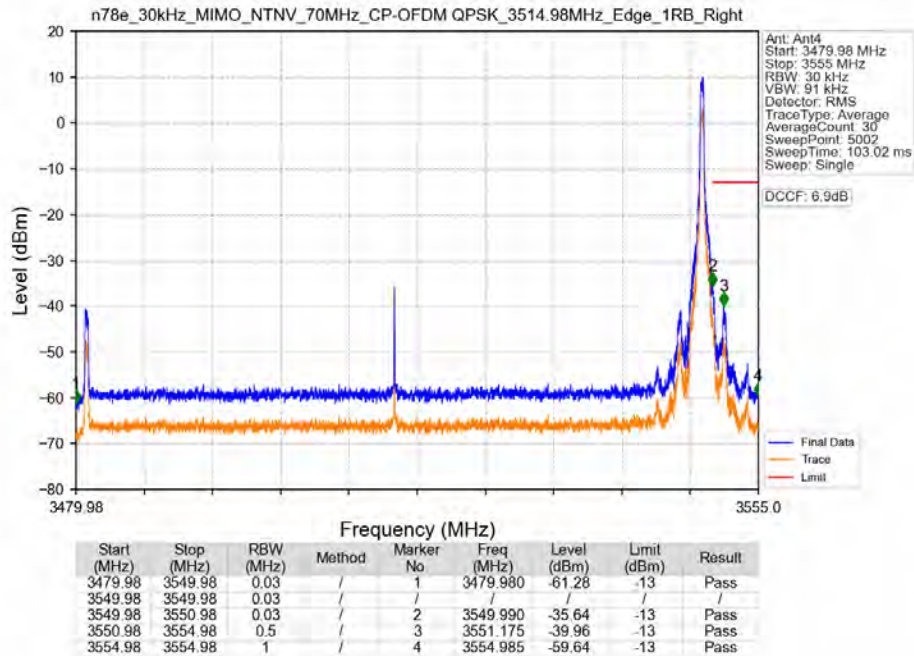
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n78e_30kHz_MIMO_NTNV_70MHz_CP-OFDM_QPSK_3514.98MHz_Edge_1RB_Right



n78e_30kHz_MIMO_NTNV_70MHz_CP-OFDM_QPSK_3514.98MHz_Edge_1RB_Right



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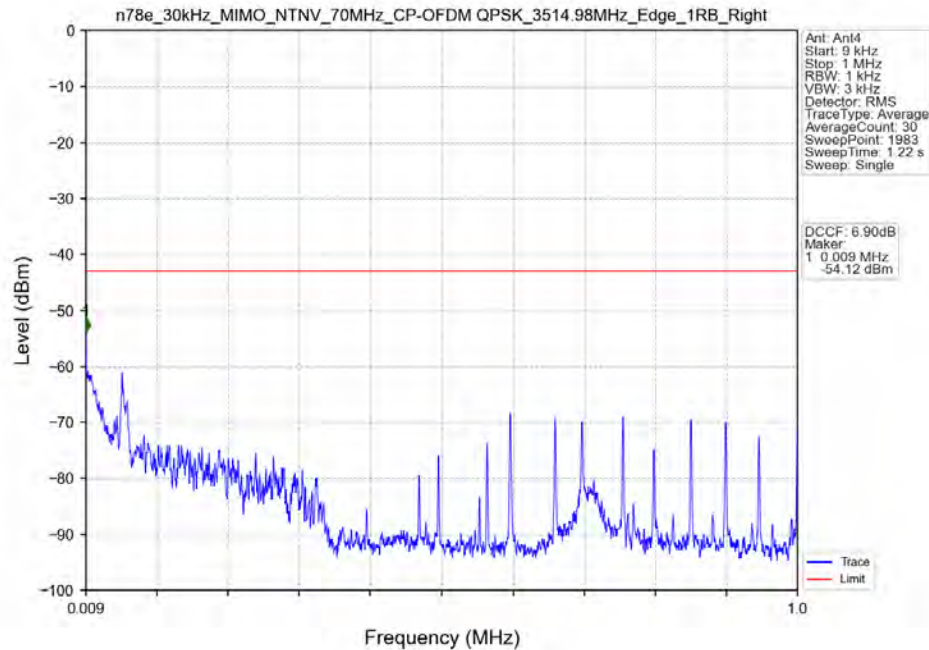


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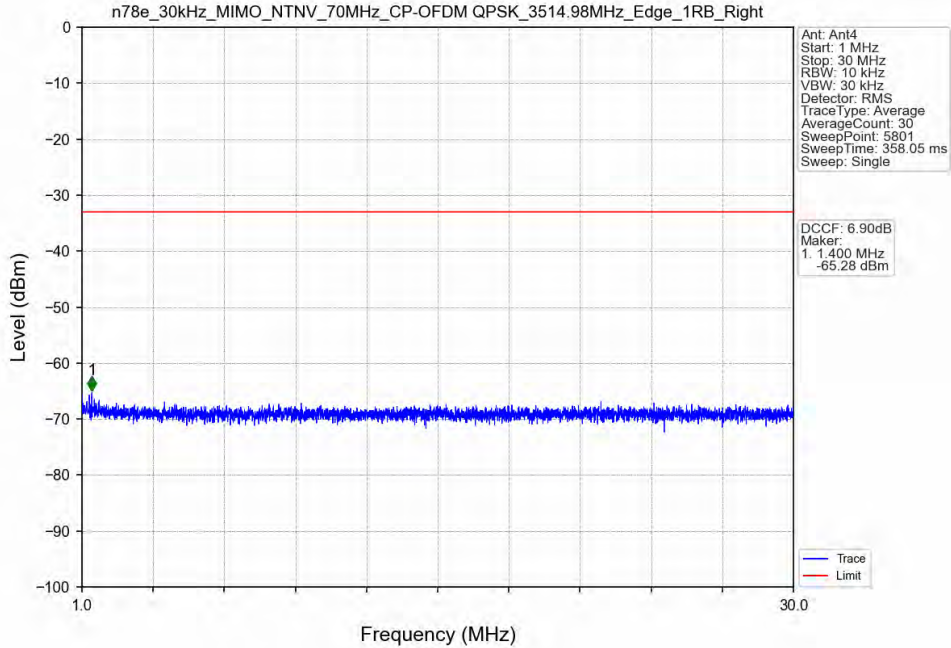
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n78e_30kHz_MIMO_NTNV_70MHz_CP-OFDM_QPSK_3514.98MHz_Edge_1RB_Right



n78e_30kHz_MIMO_NTNV_70MHz_CP-OFDM_QPSK_3514.98MHz_Edge_1RB_Right



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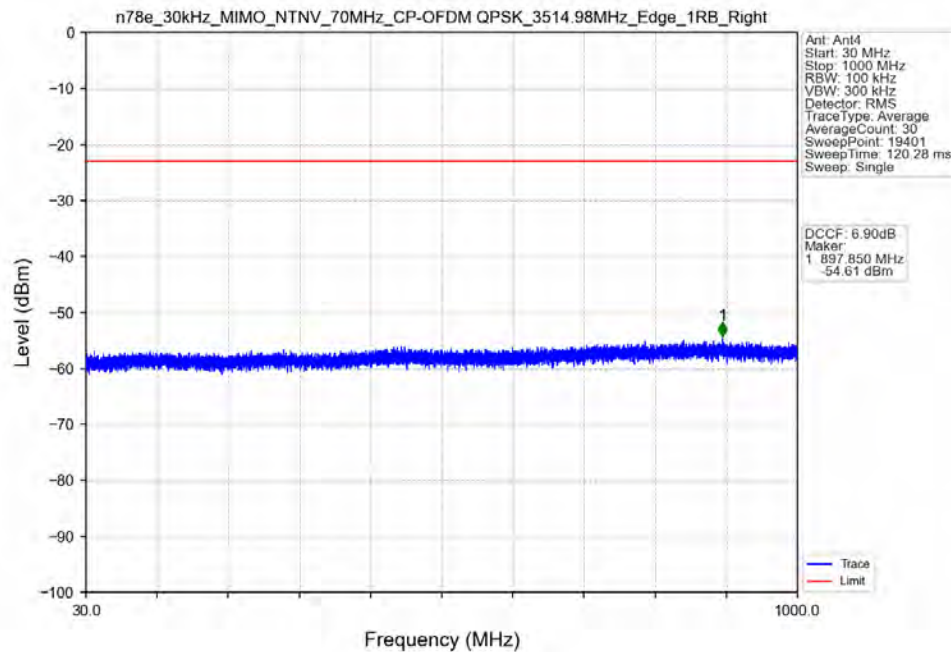


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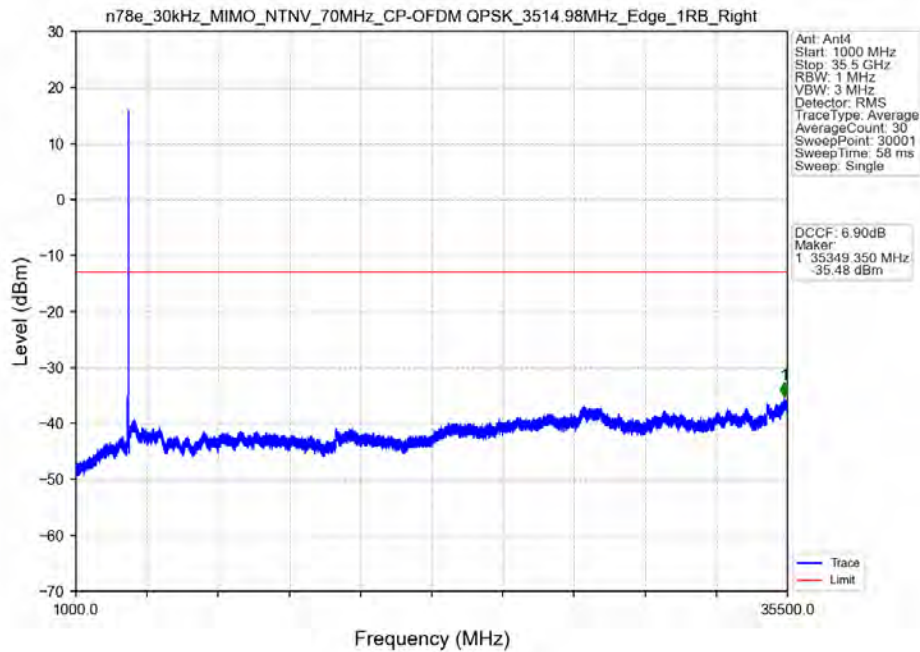
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n78e_30kHz_MIMO_NTNV_70MHz_CP-OFDM QPSK_3514.98MHz_Edge_1RB_Right



n78e_30kHz_MIMO_NTNV_70MHz_CP-OFDM QPSK_3514.98MHz_Edge_1RB_Right



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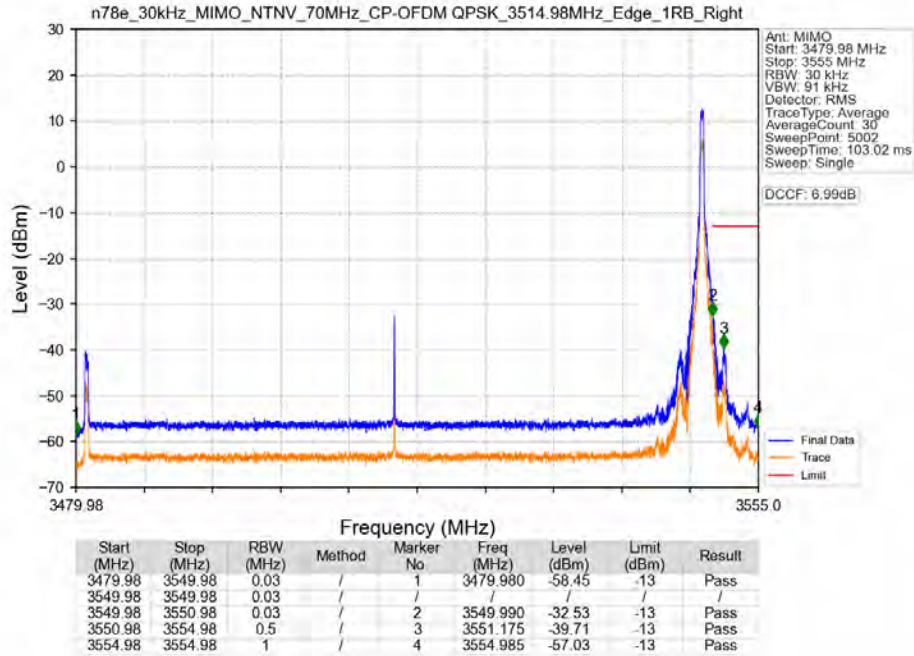


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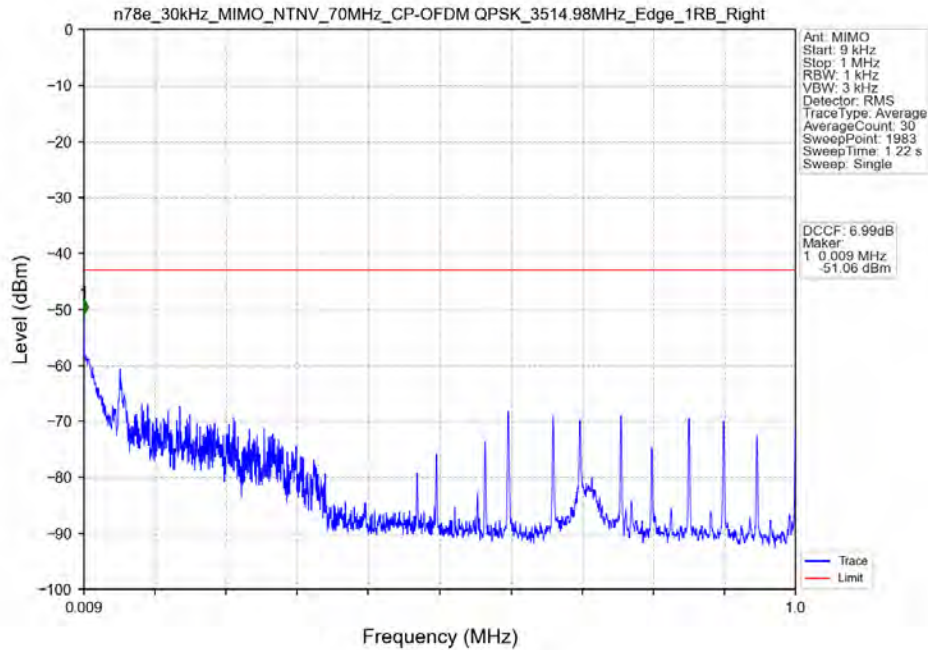
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n78e_30kHz_MIMO_NTNV_70MHz_CP-OFDM_QPSK_3514.98MHz_Edge_1RB_Right



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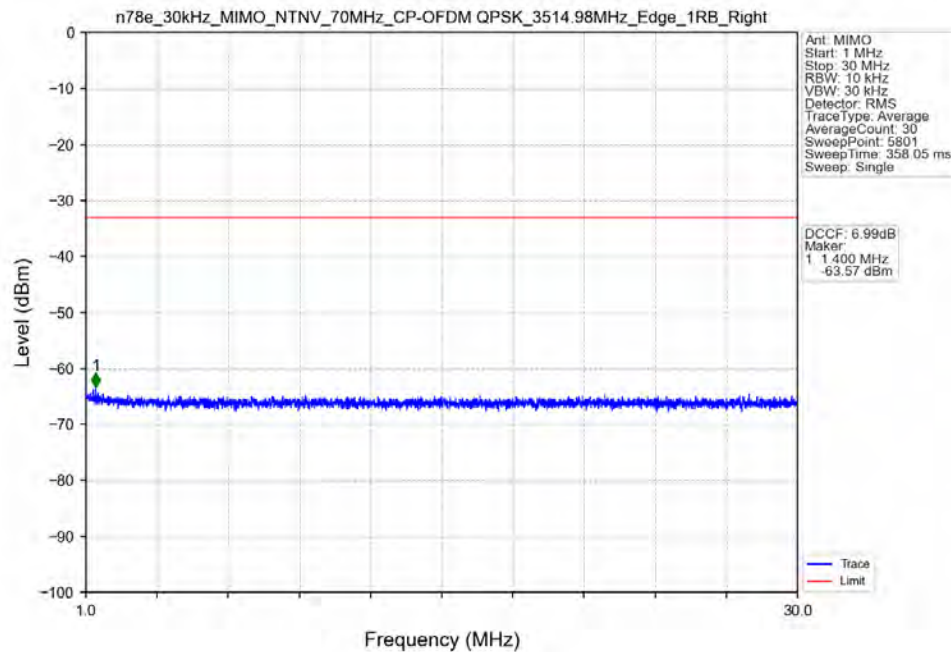


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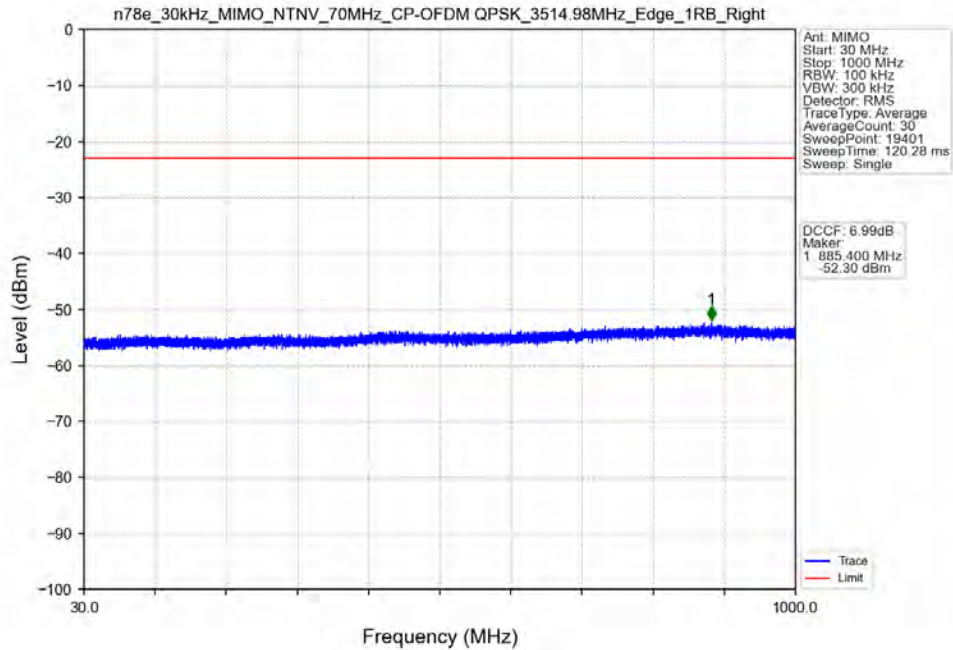
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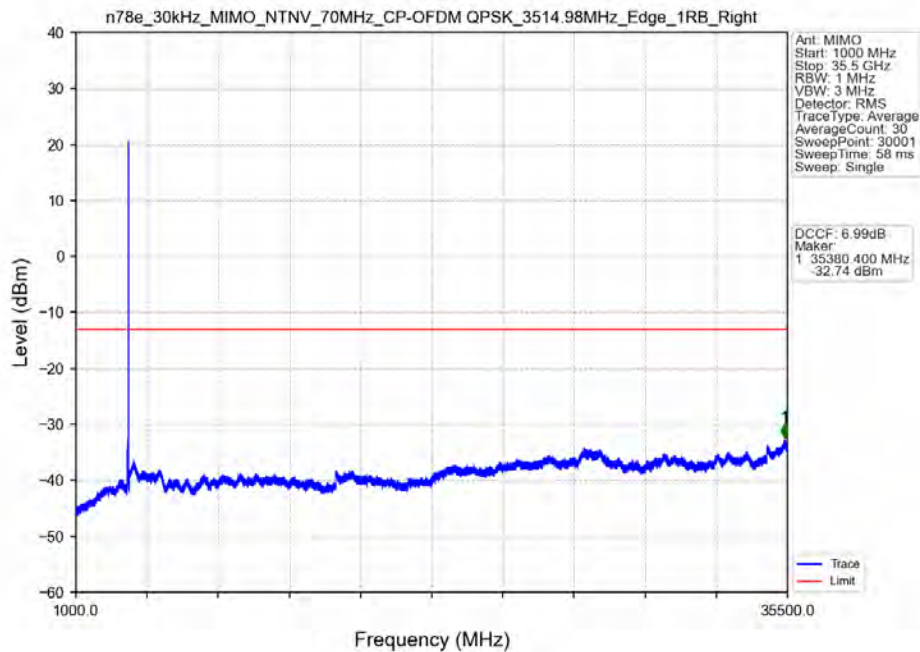


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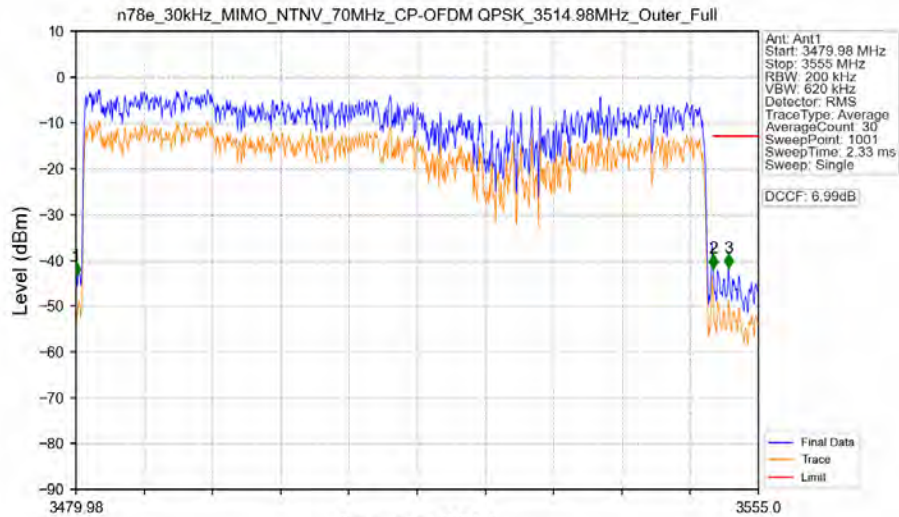
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n78e_30kHz_MIMO_NTNV_70MHz_CP-OFDM QPSK_3514.98MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3479.98	3549.98	0.2	/	1	3479.980	-43.48	-13	Pass
3549.98	3549.98	0.2	/	/	/	/	/	/
3549.98	3550.98	0.2	/	2	3550.049	-41.76	-13	Pass
3550.98	3554.98	0.5	/	3	3551.699	-41.62	-13	Pass

n78e_30kHz_MIMO_NTNV_70MHz_CP-OFDM QPSK_3514.98MHz_Outer_Full



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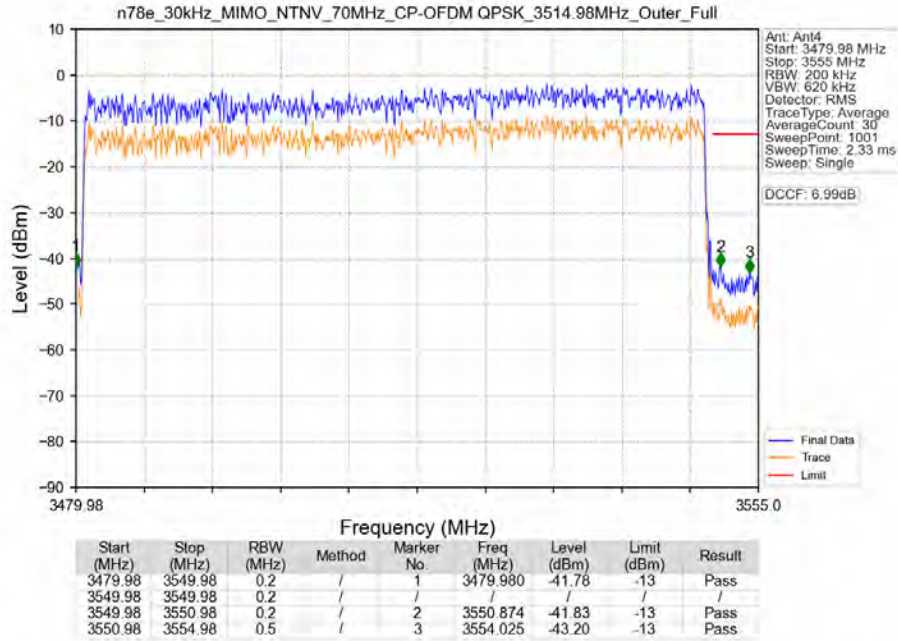


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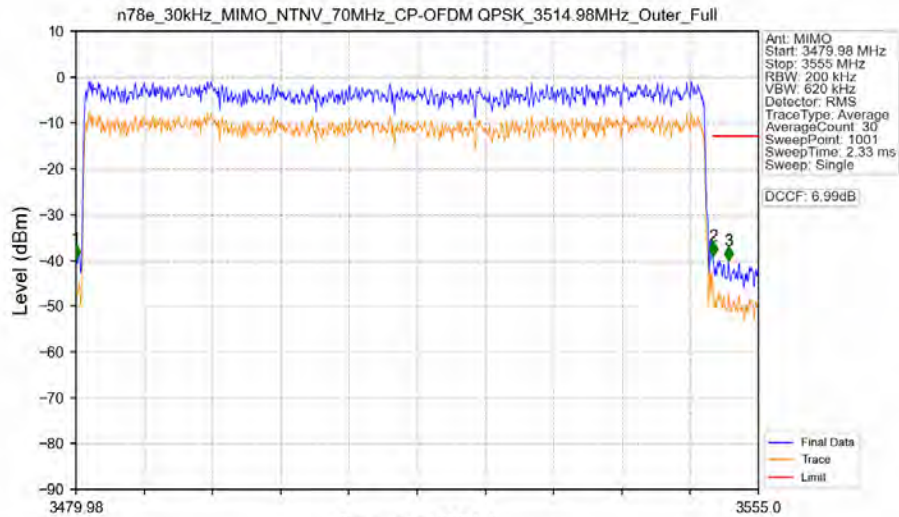
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3479.98	3549.98	0.2	/	1	3479.980	-39.54	-13	Pass
3549.98	3549.98	0.2	/	/	/	/	/	/
3549.98	3550.98	0.2	/	2	3550.049	-39.09	-13	Pass
3550.98	3554.98	0.5	/	3	3551.699	-40.07	-13	Pass

n78e_30kHz_MIMO_NTNV_70MHz_CP-OFDM_QPSK_3514.98MHz_Inner_1RB_Right



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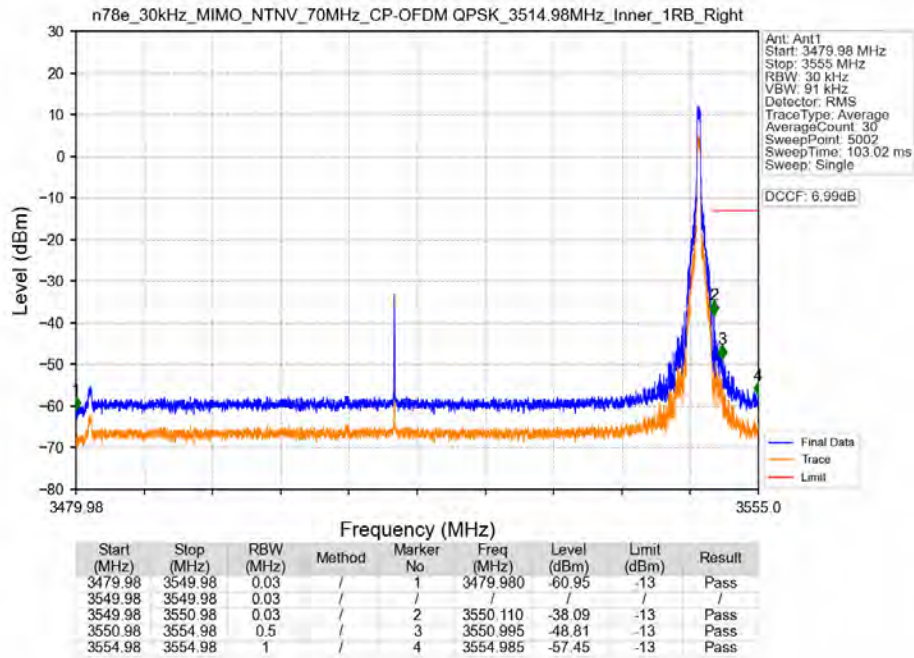


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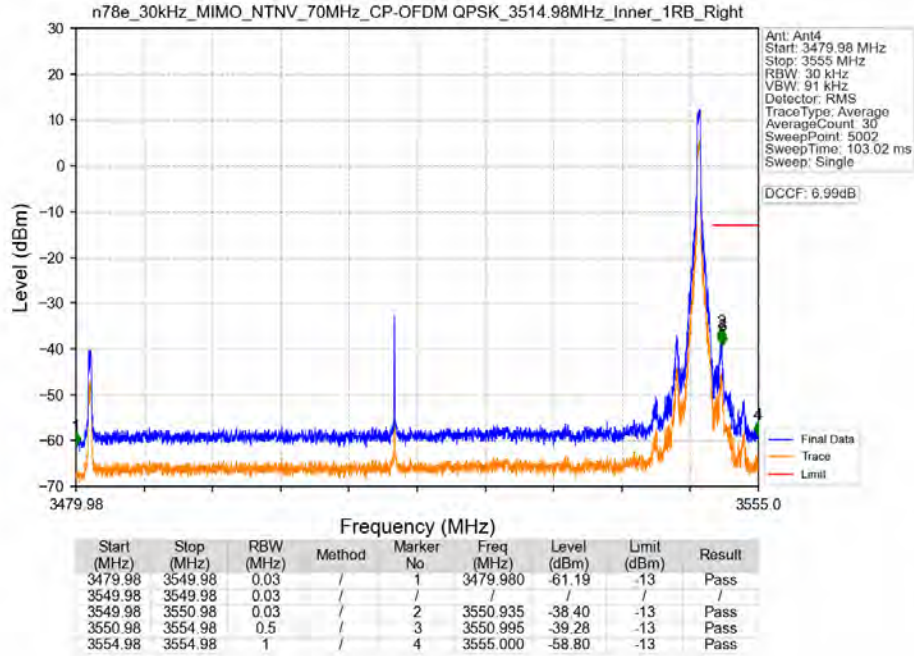
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n78e_30kHz_MIMO_NTNV_70MHz_CP-OFDM_QPSK_3514.98MHz_Inner_1RB_Right



n78e_30kHz_MIMO_NTNV_70MHz_CP-OFDM_QPSK_3514.98MHz_Inner_1RB_Right



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