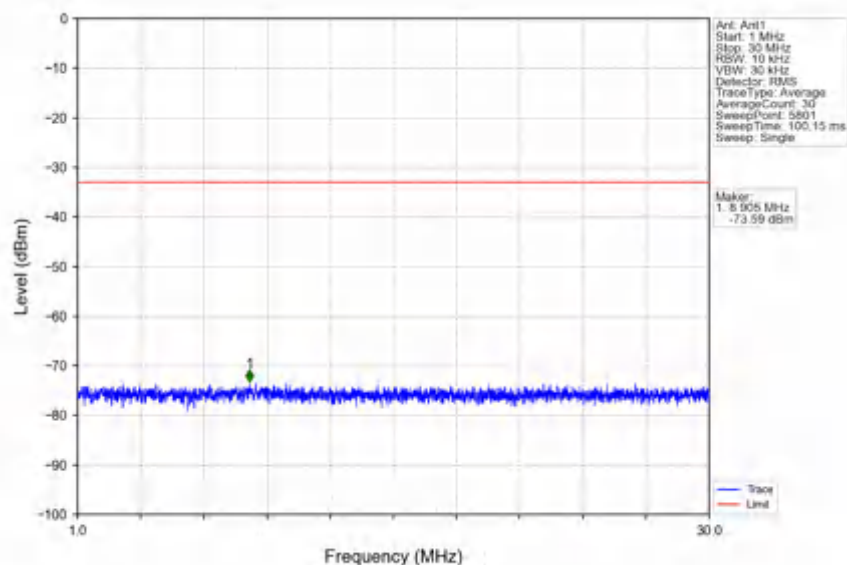
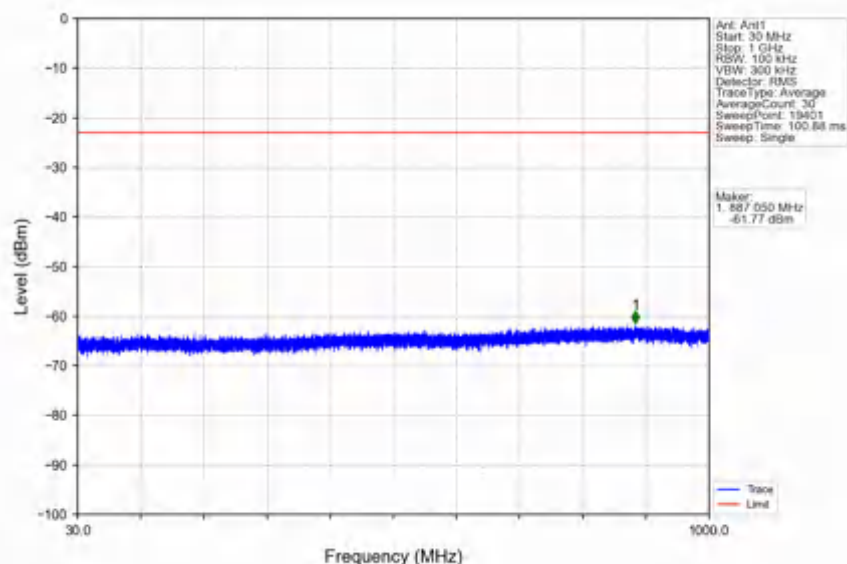




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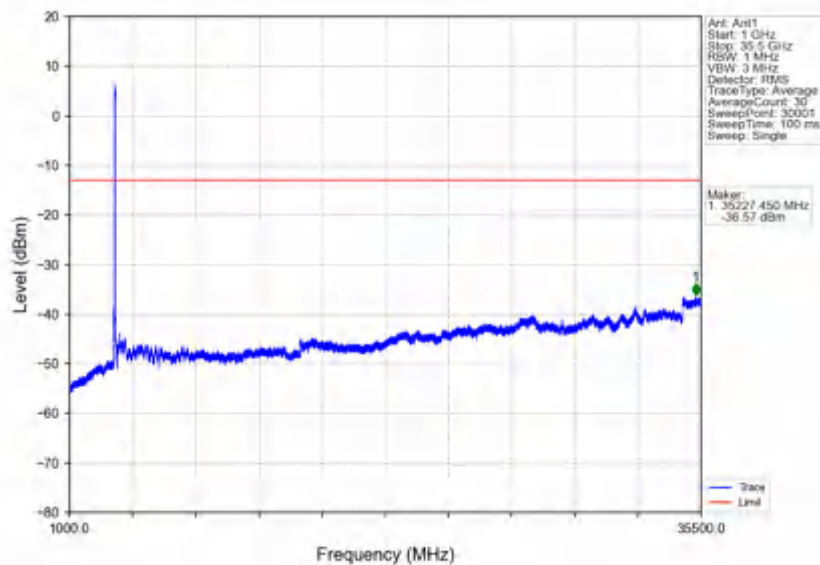


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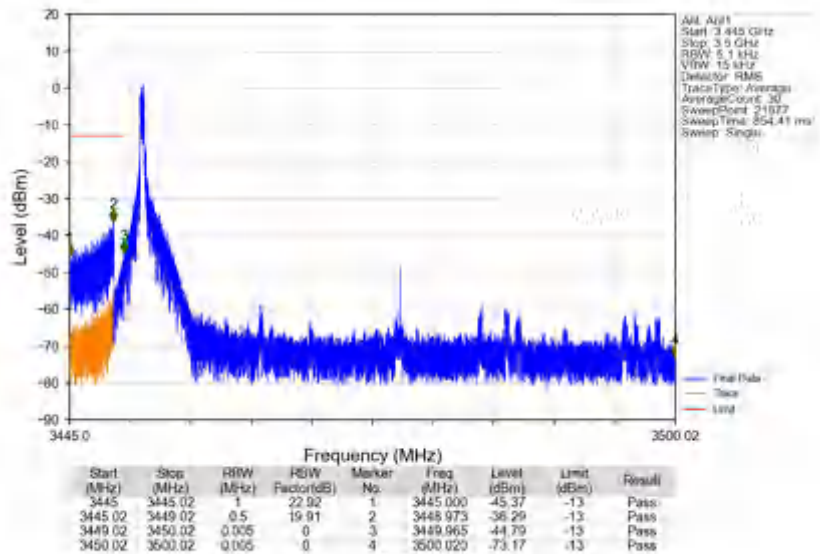
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n78e_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3475.02MHz_Outer_Full



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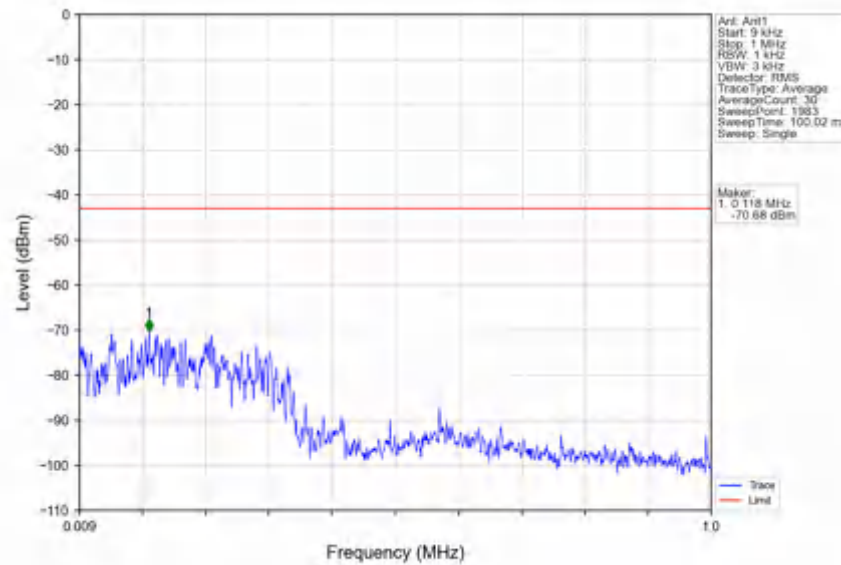


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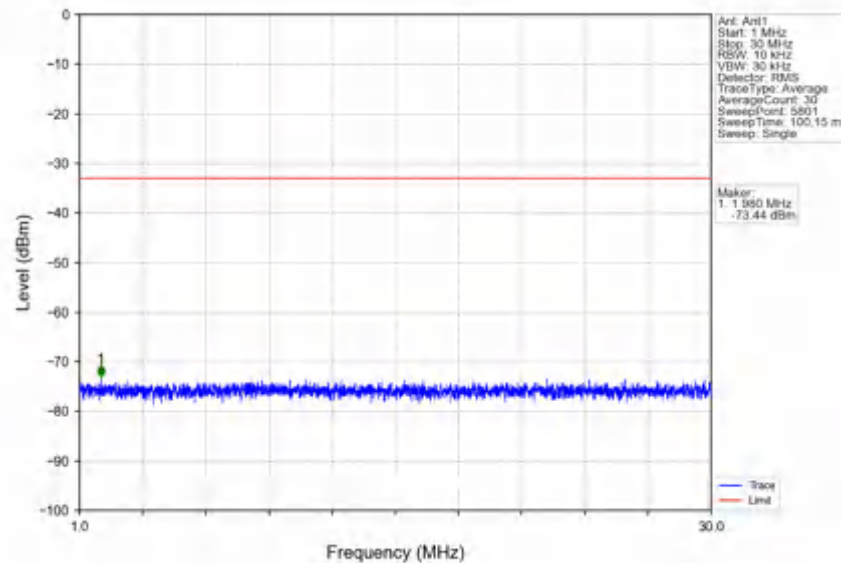
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n78e_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3475.02MHz_Inner_1RB_Left



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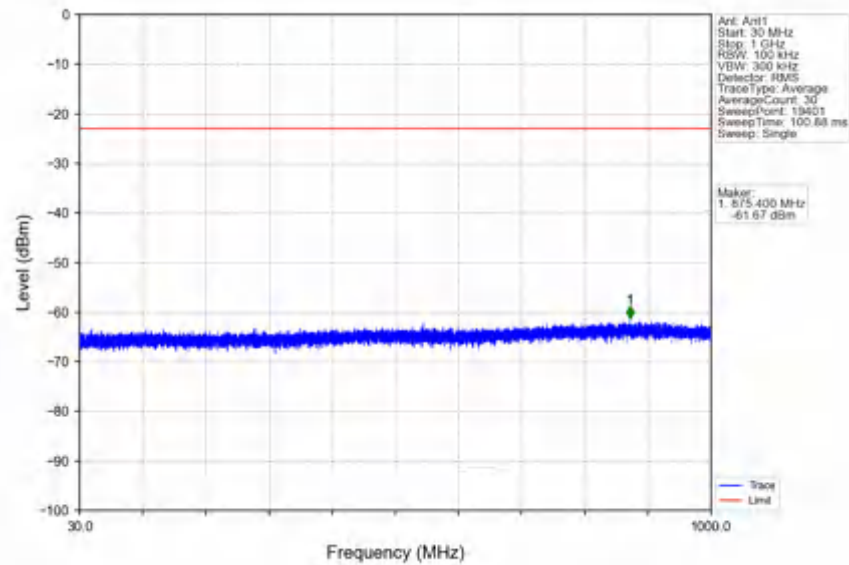


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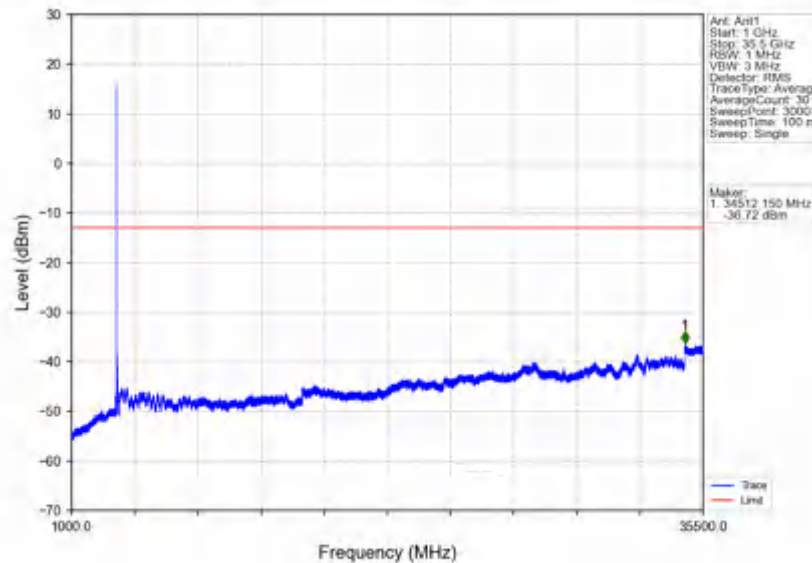
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n78e_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3475.02MHz_Inner_1RB_Left



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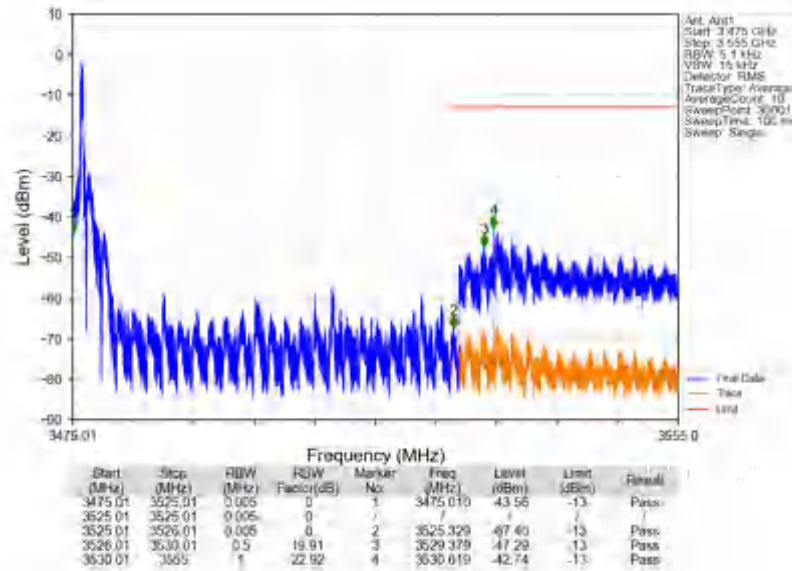


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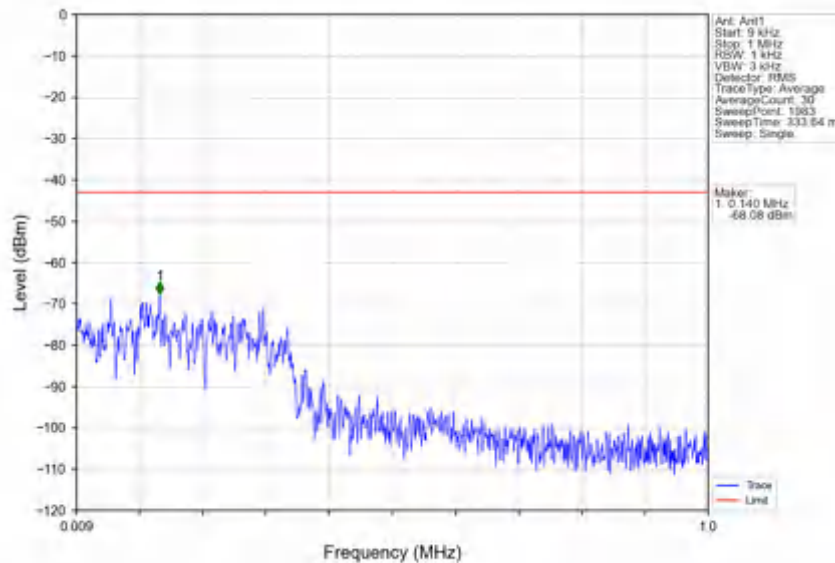
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n78e_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



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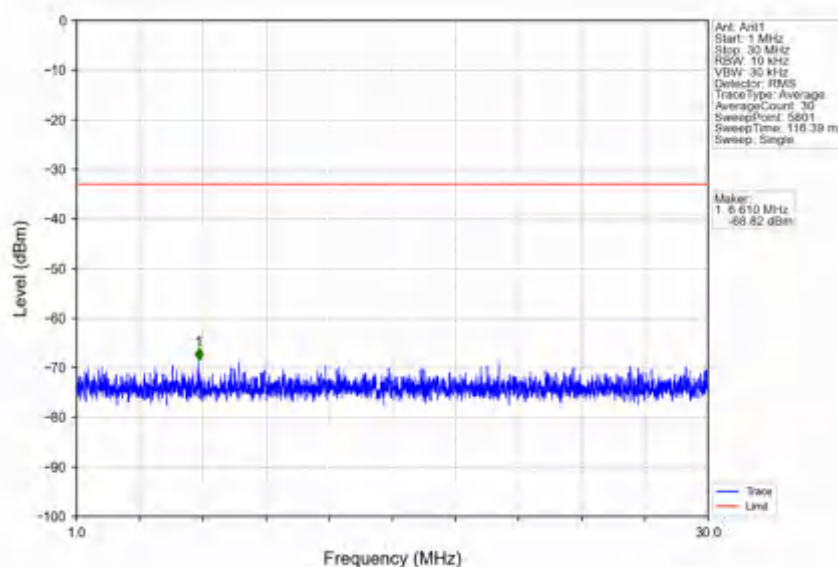


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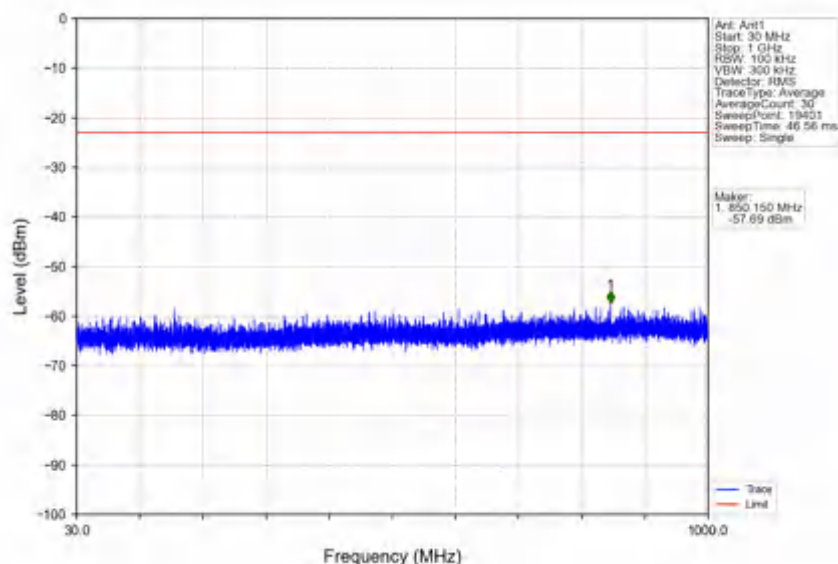
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n78e_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



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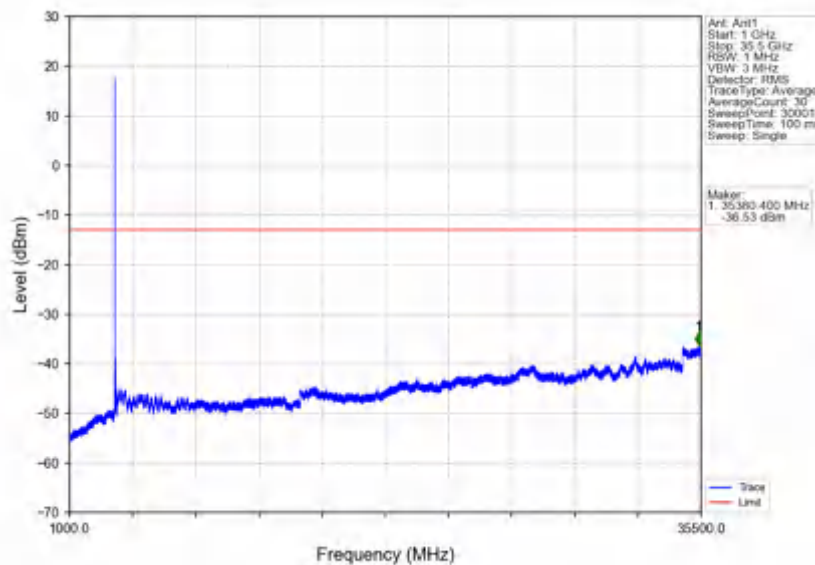


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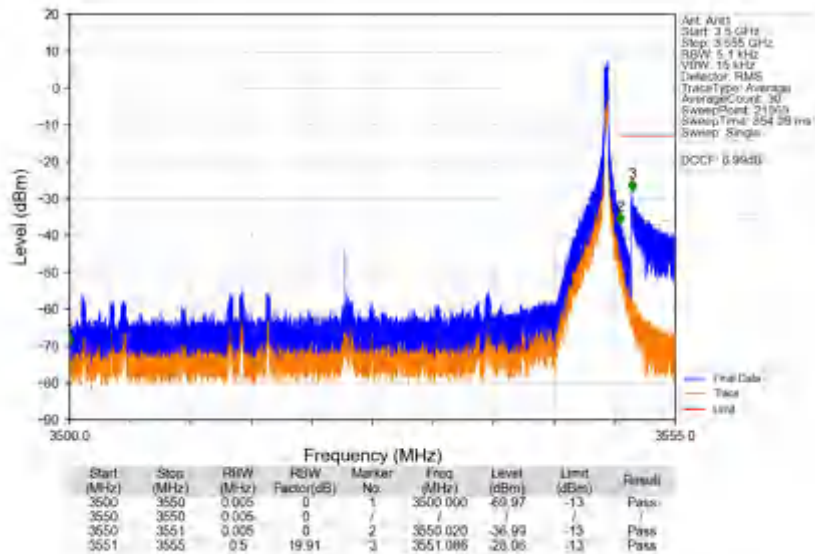
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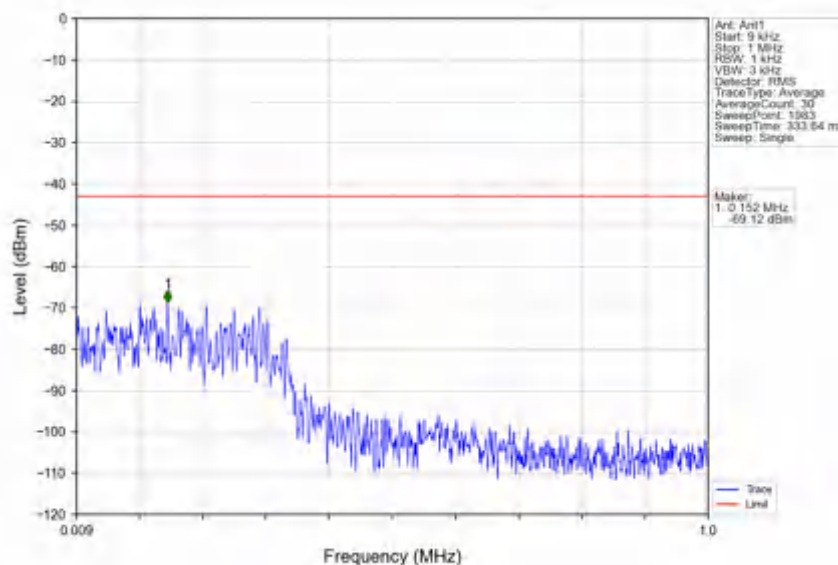


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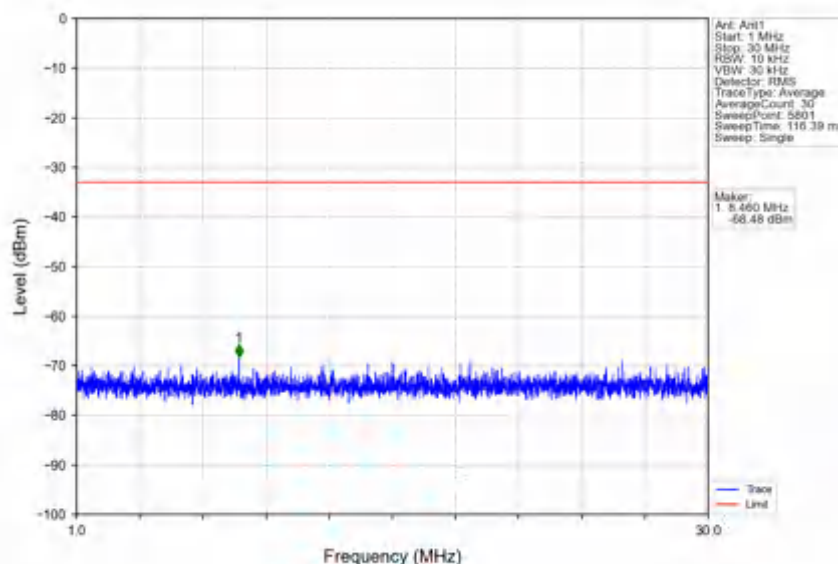
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n78e_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3525MHz_Edge_1RB_Right



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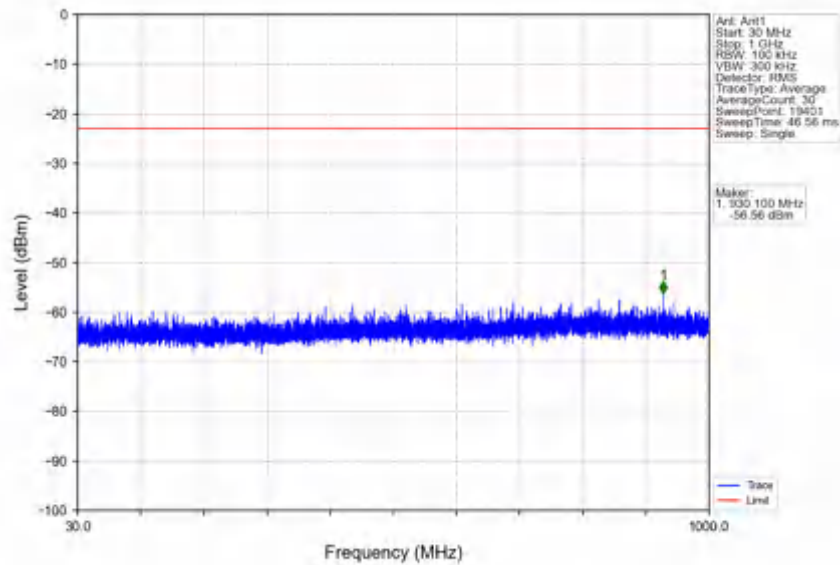


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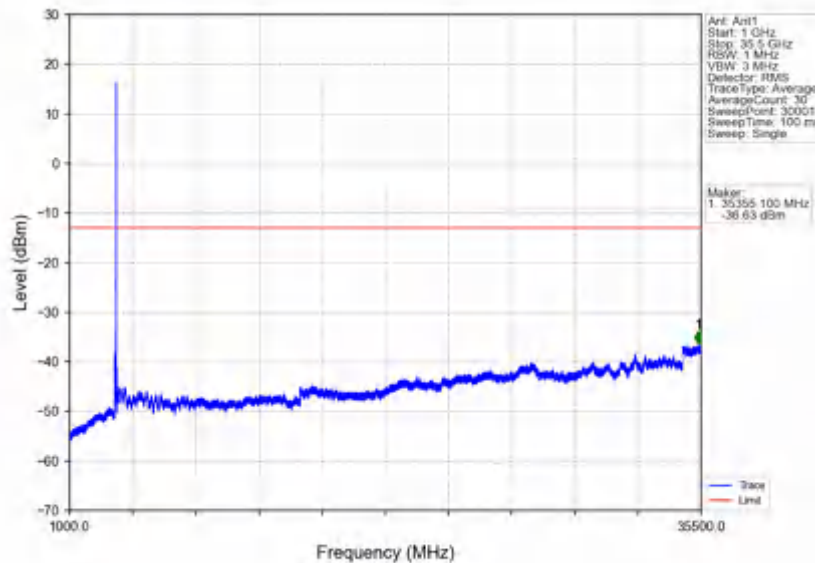
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n78e_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3525MHz_Edge_1RB_Right



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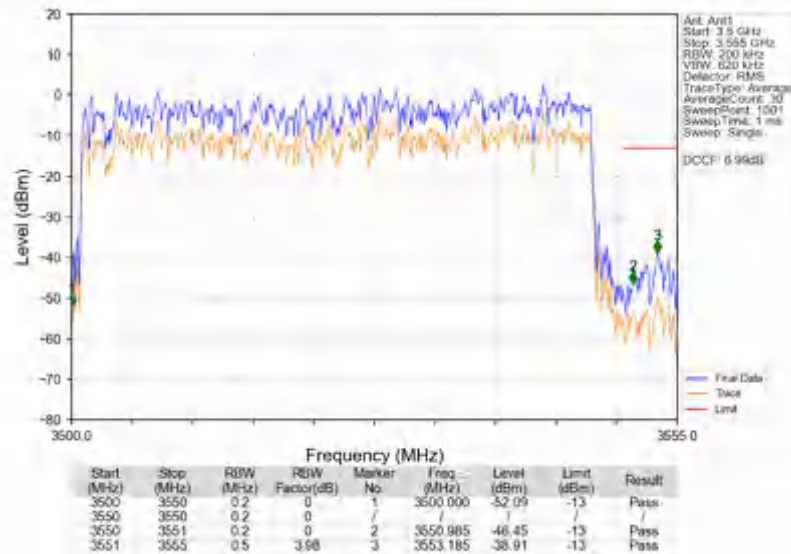


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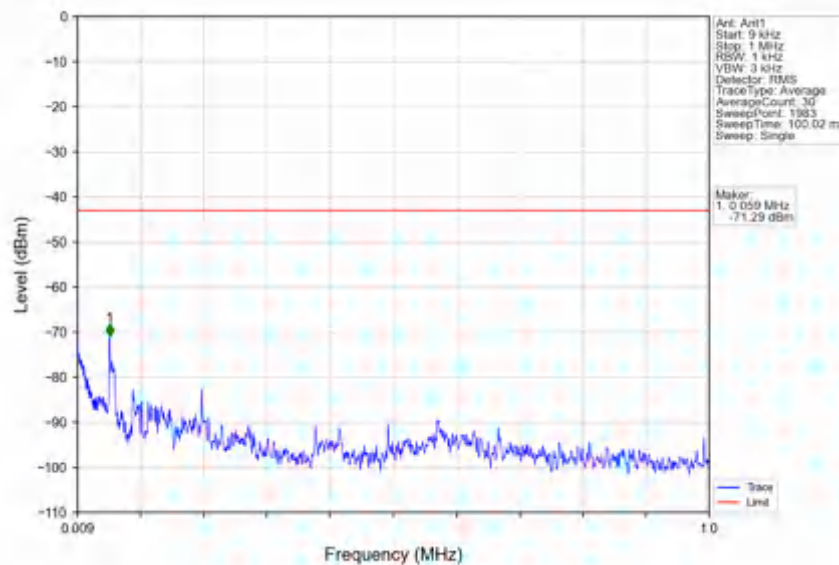
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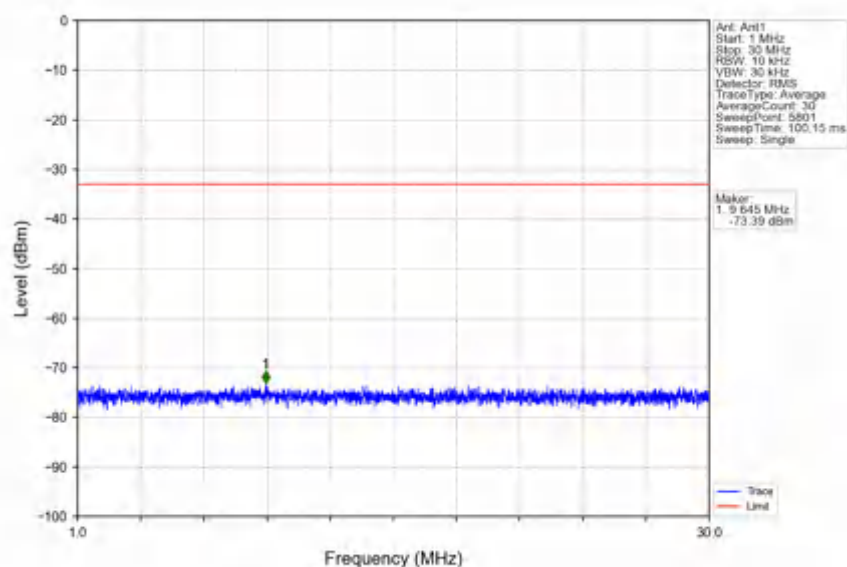


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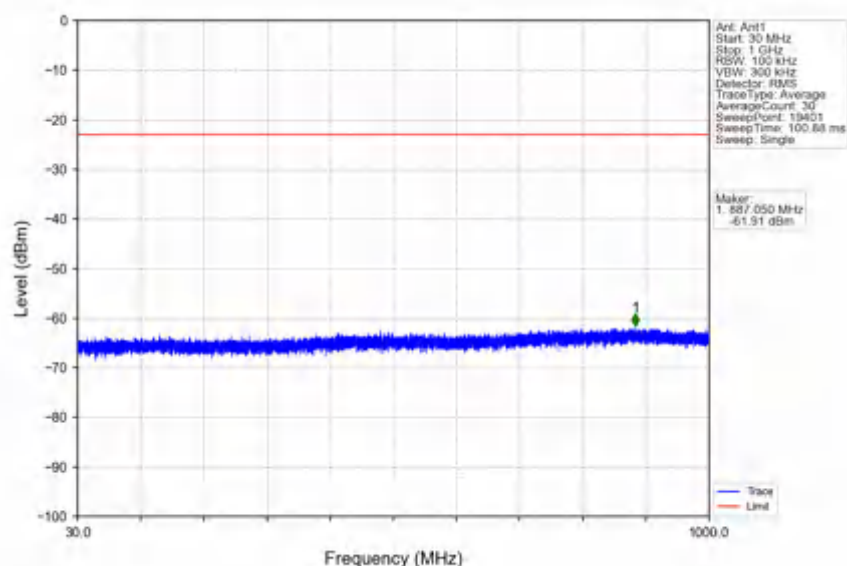
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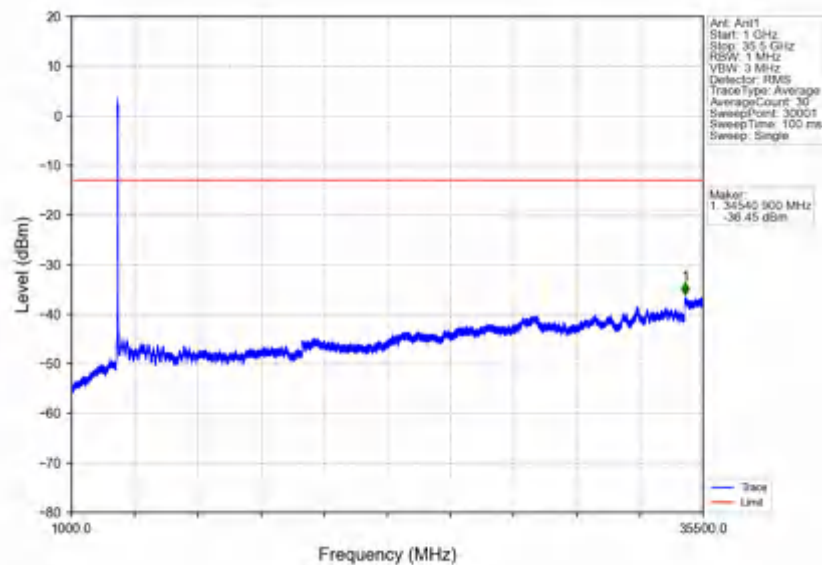


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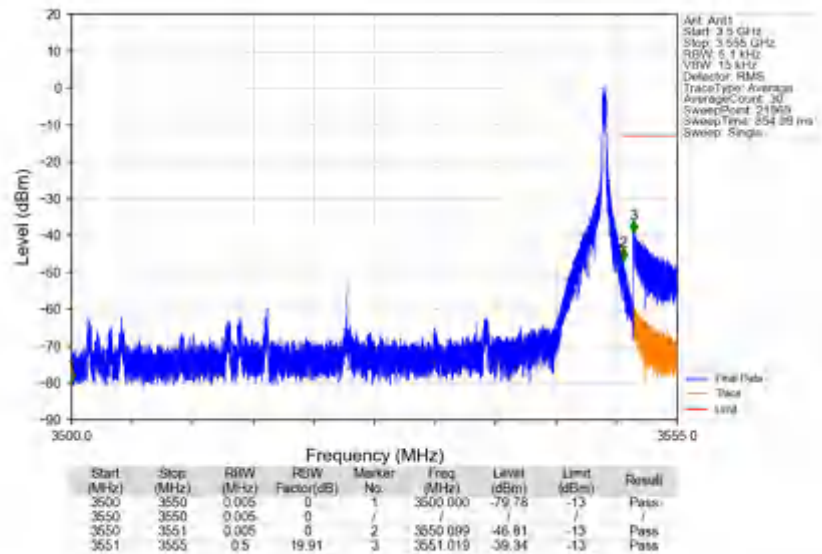
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n78e_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3525MHz_Outer_Full



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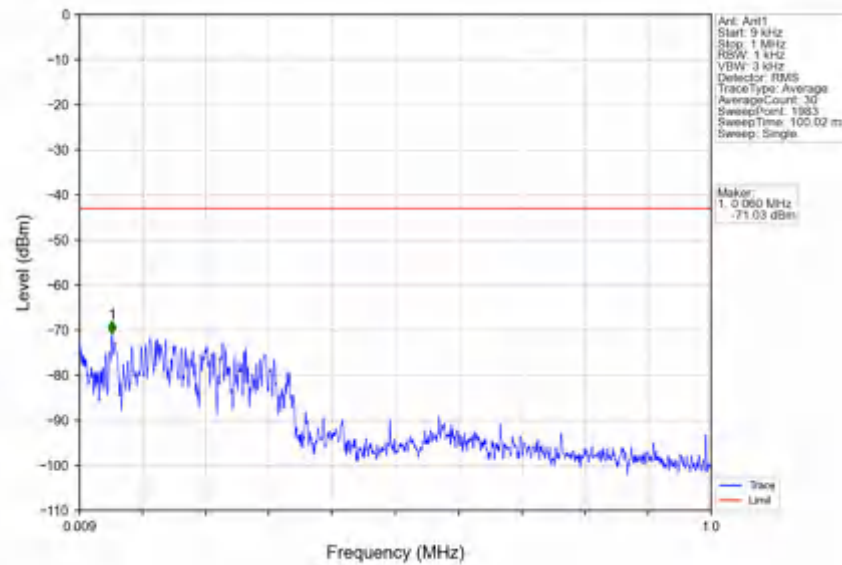


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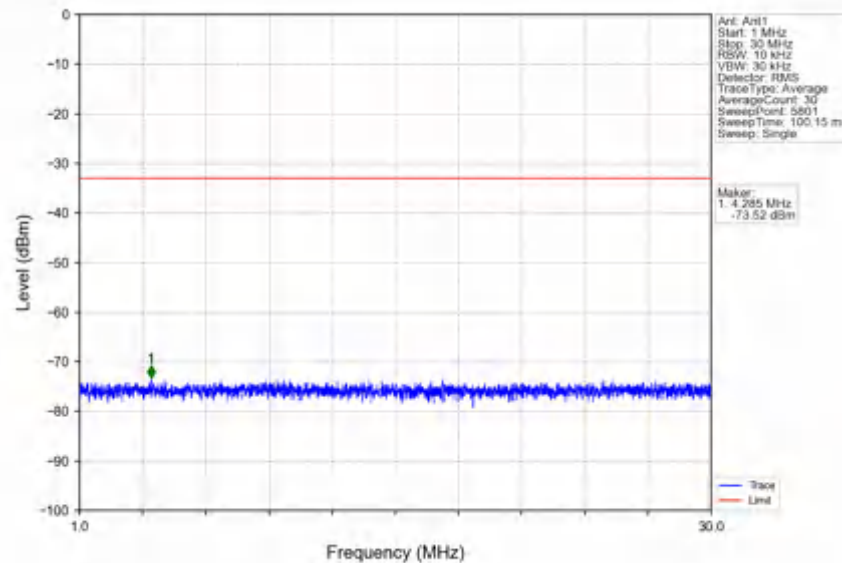
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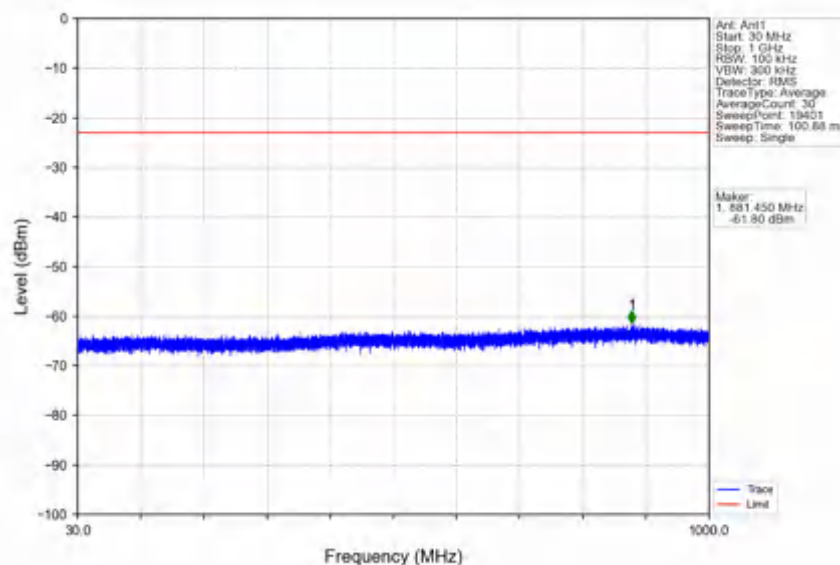


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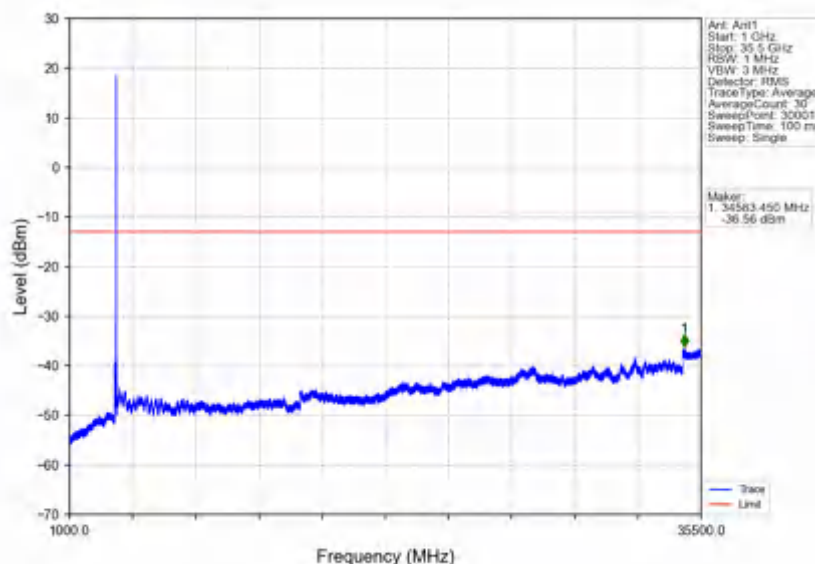
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n78e_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3525MHz_Inner_1RB_Right



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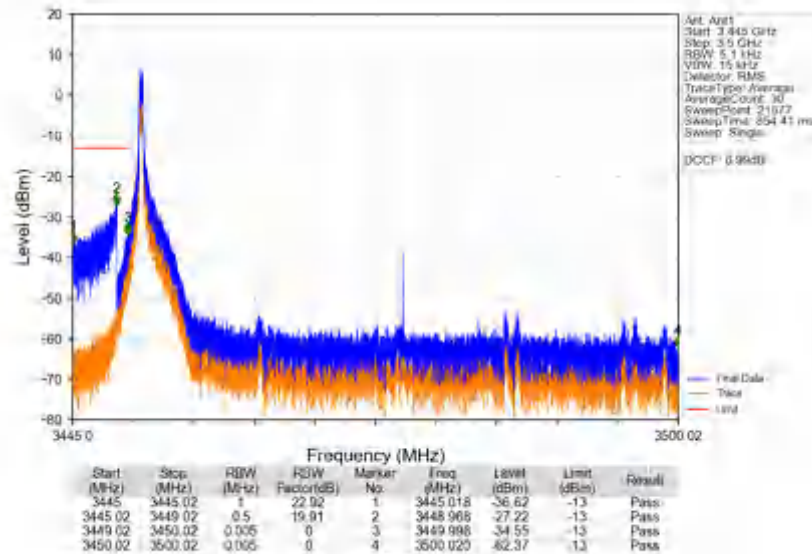


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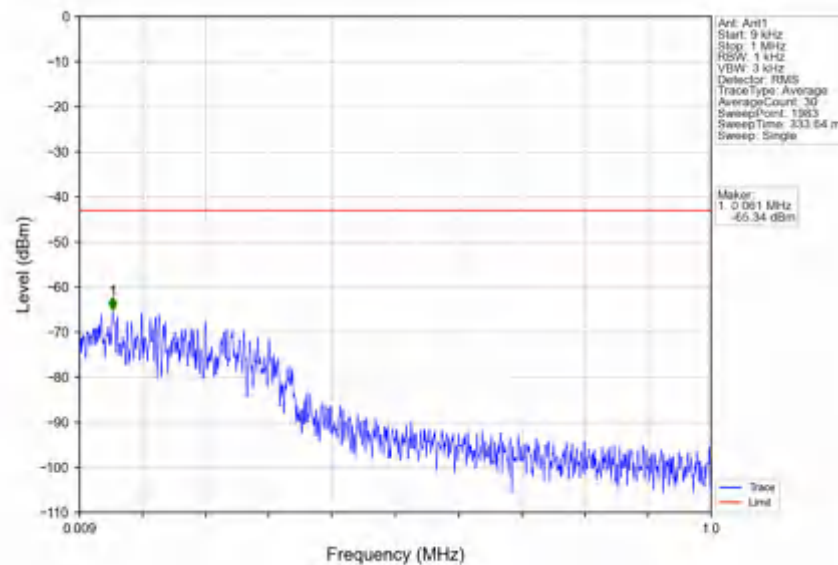
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n78e_30kHz_SISO_NTV_50MHz_CP-OFDM_QPSK_3475.02MHz_Edge_1RB_Left



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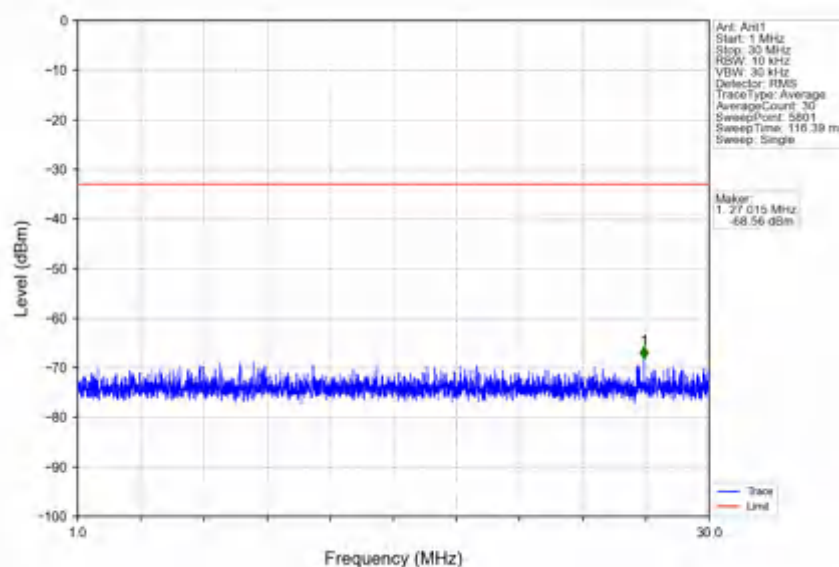


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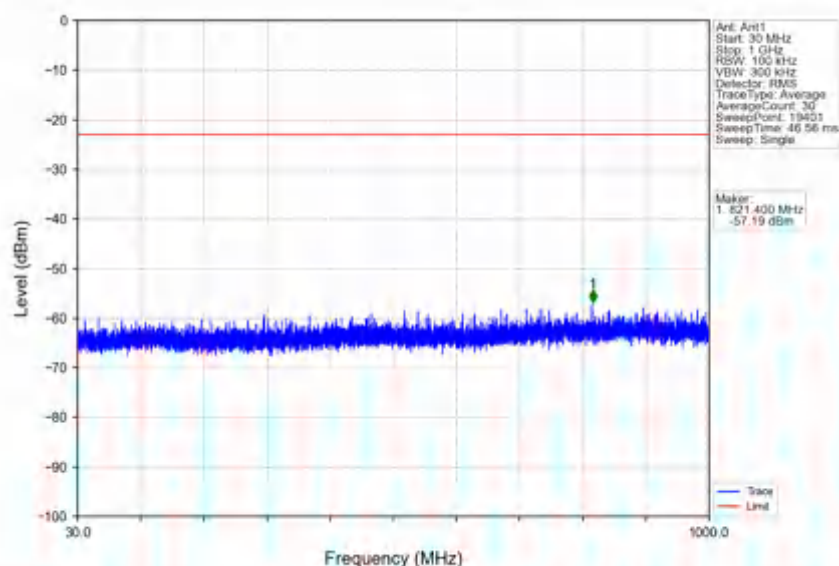
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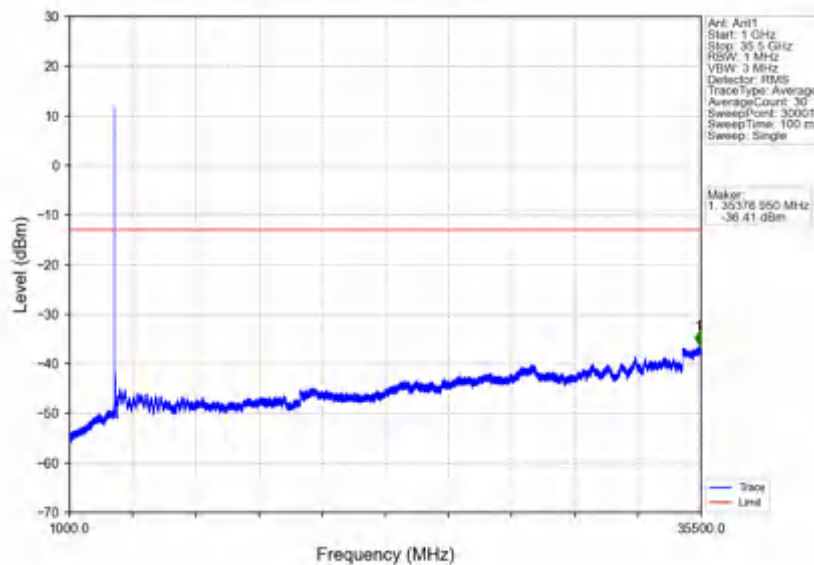


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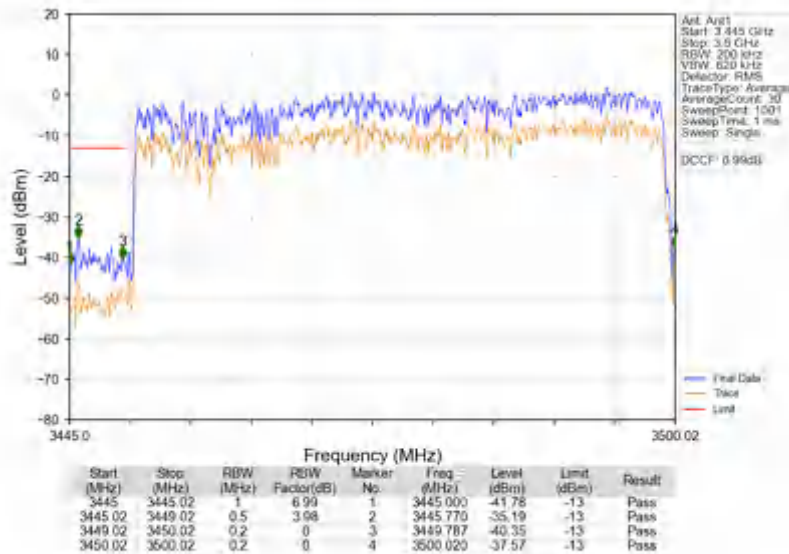
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n78e_30kHz_SISO_NTV_50MHz_CP-OFDM QPSK_3475.02MHz_Edge_1RB_Left



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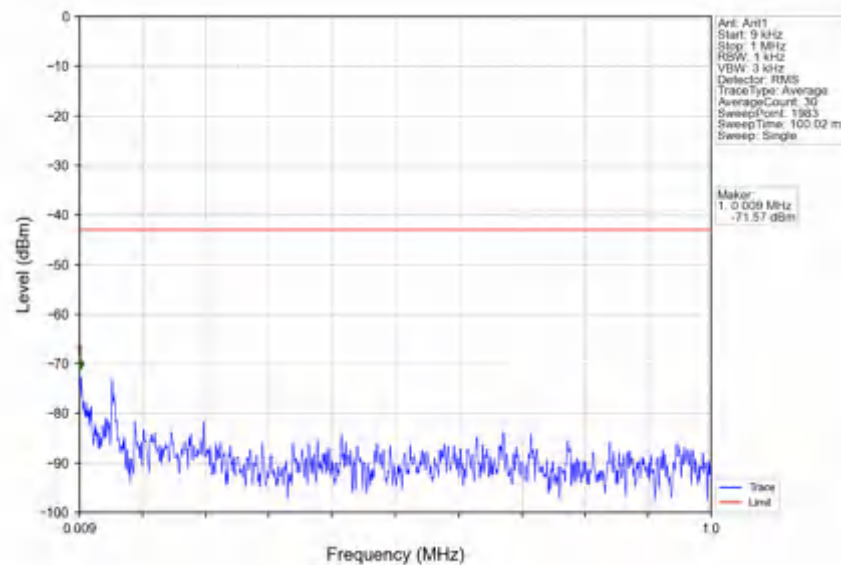


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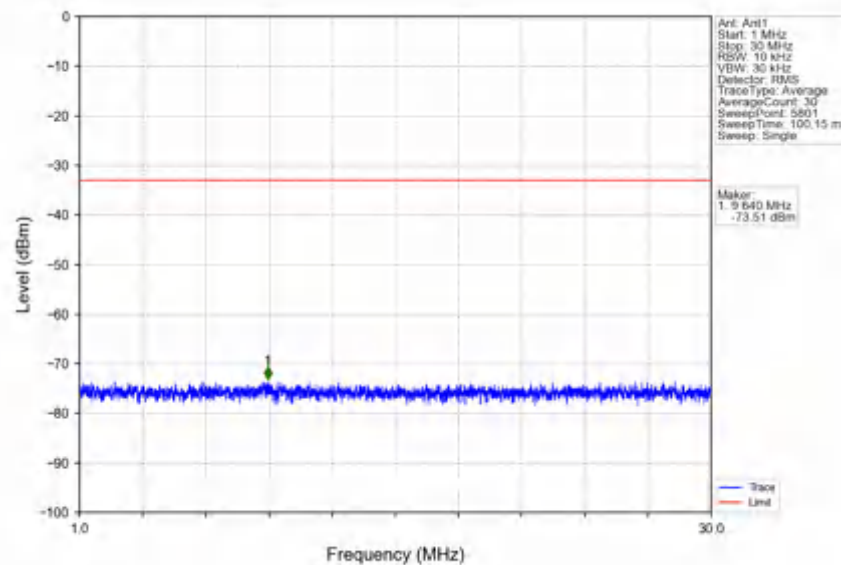
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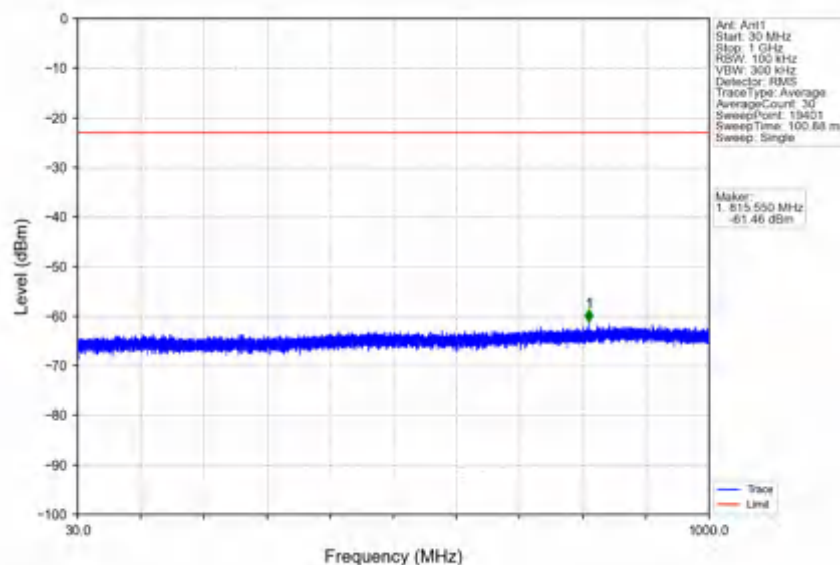


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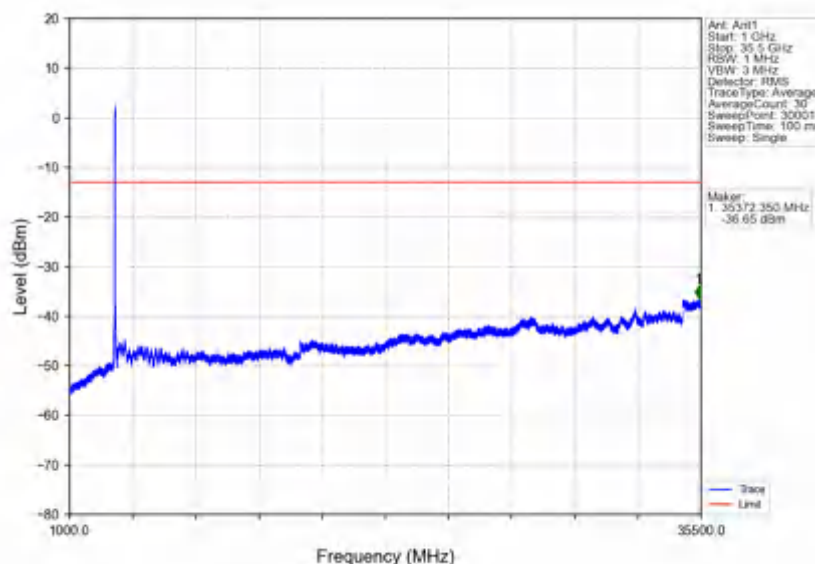
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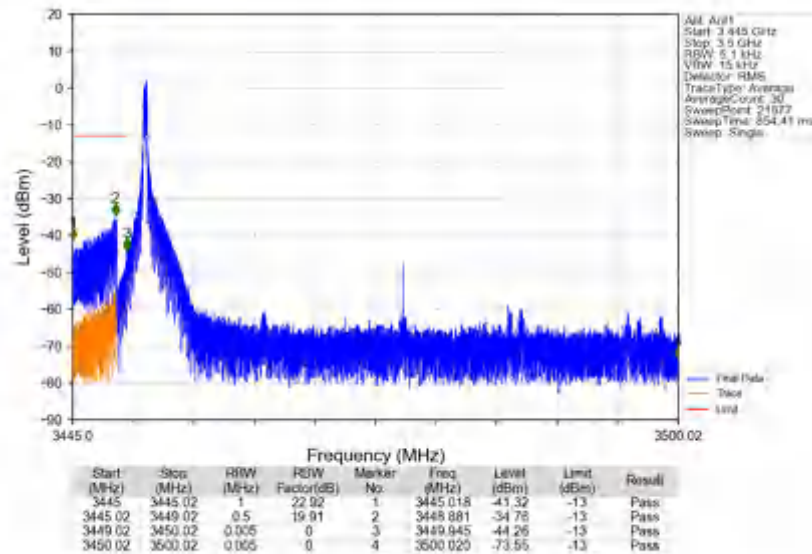


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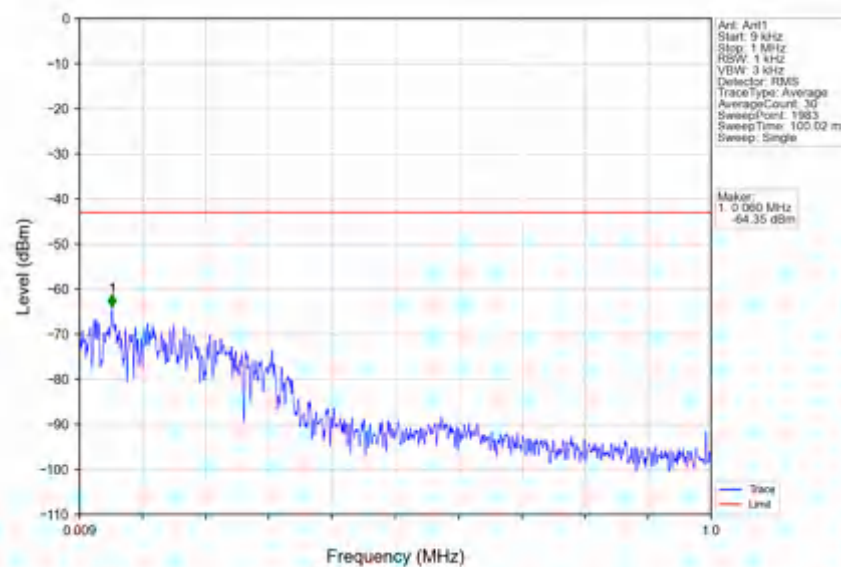
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n78e_30kHz_SISO_NTV_50MHz_CP-OFDM_QPSK_3475.02MHz_Inner_1RB_Left



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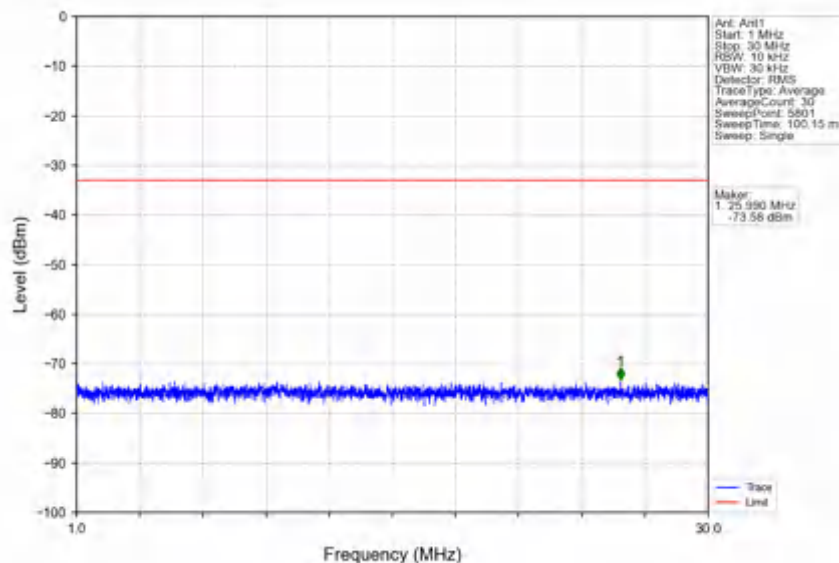
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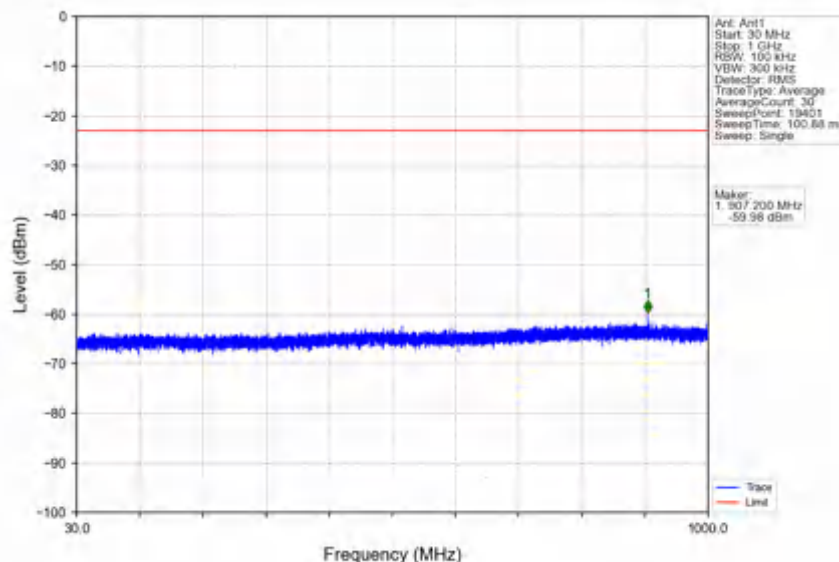
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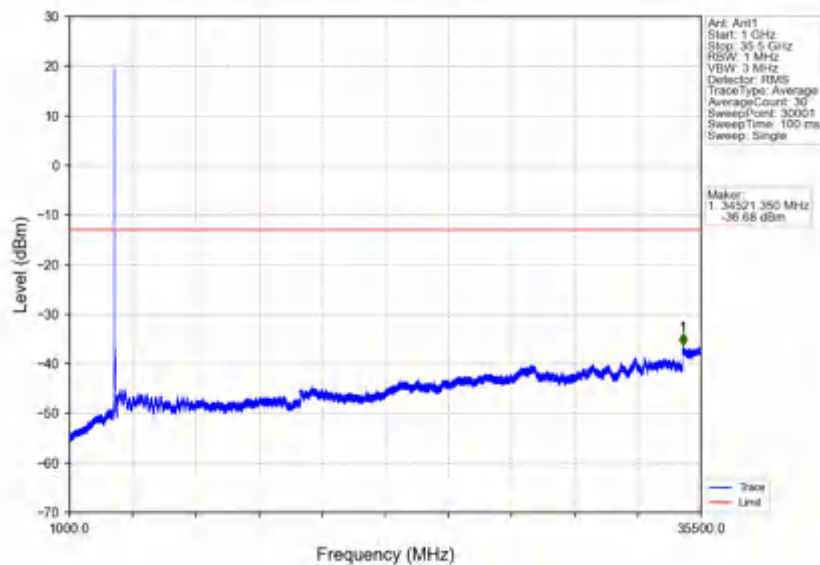


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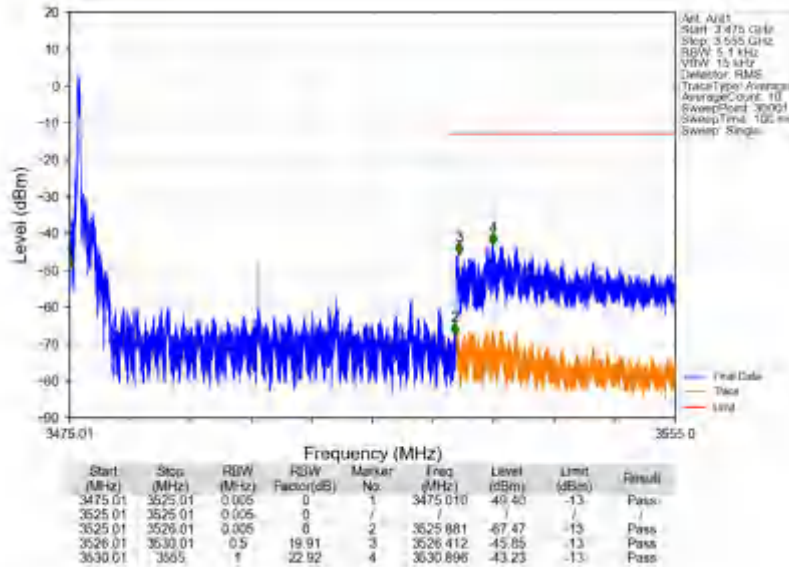
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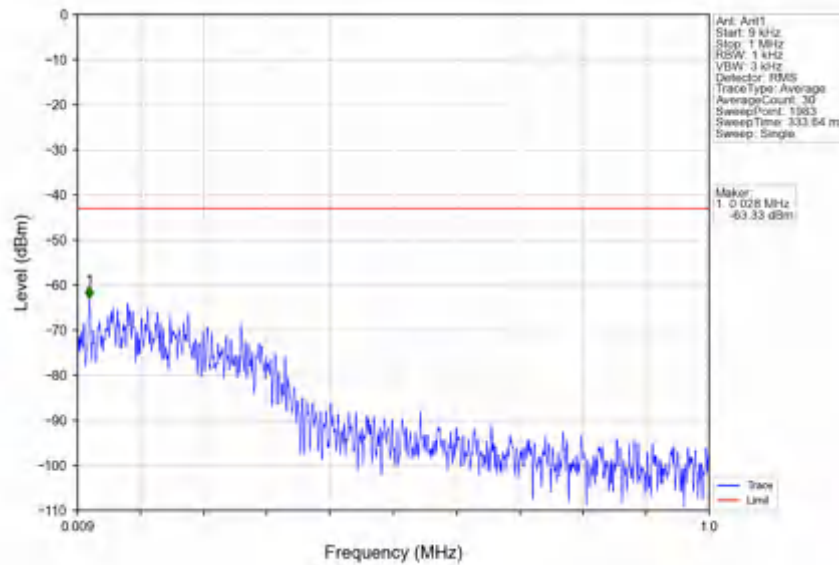


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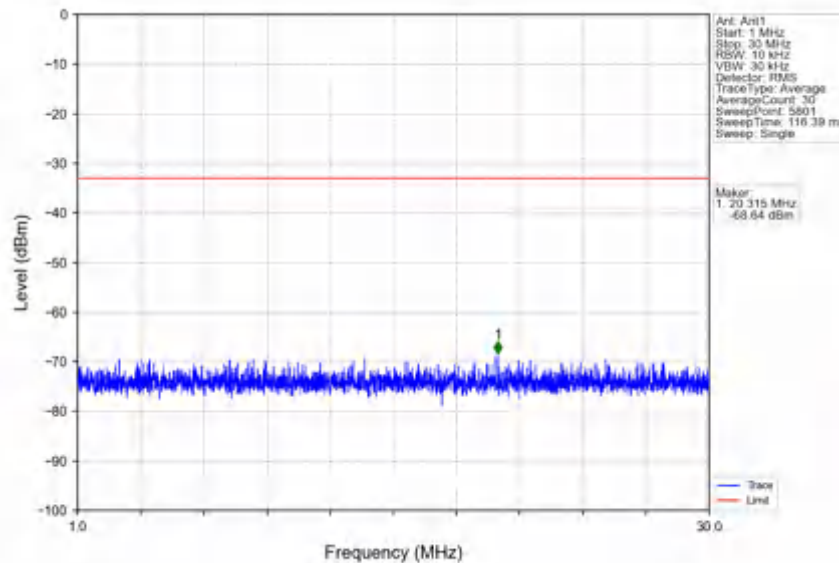
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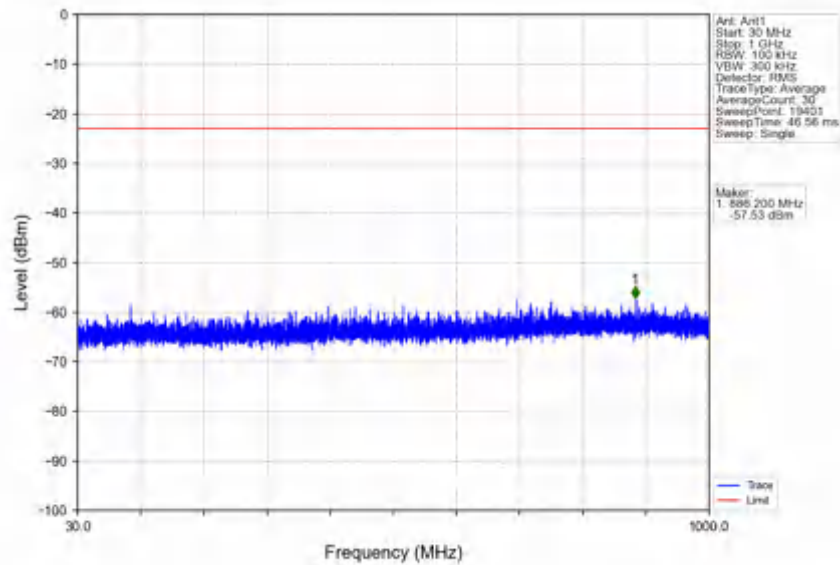


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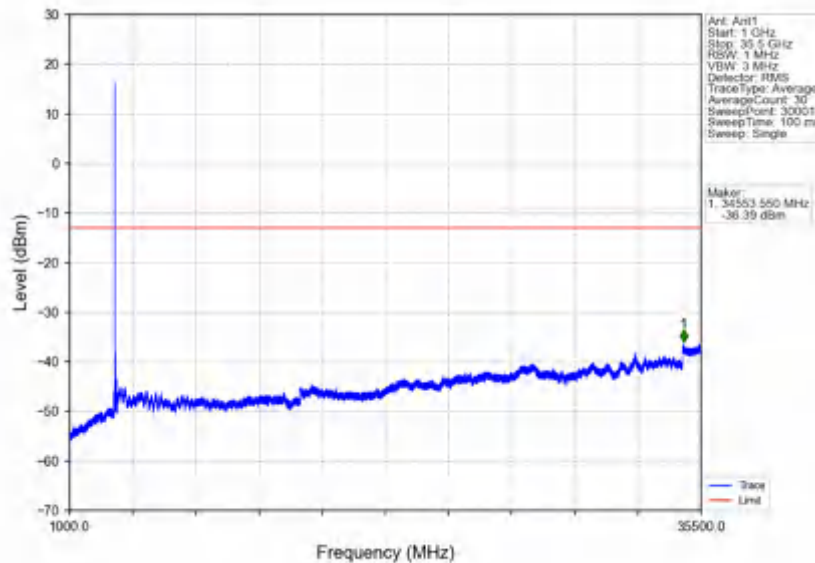
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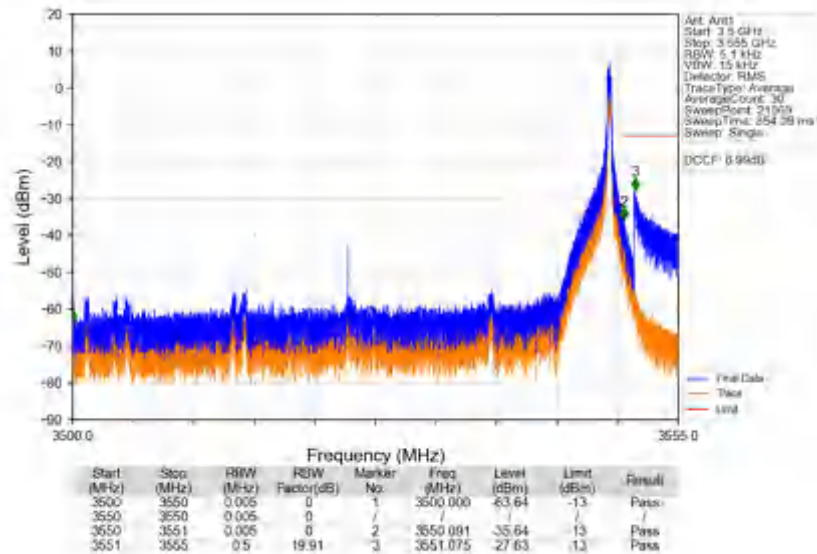


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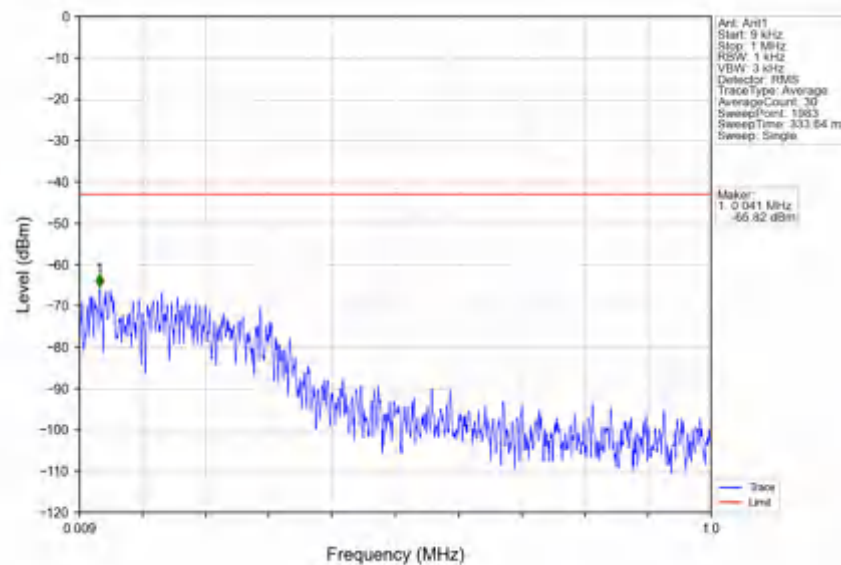
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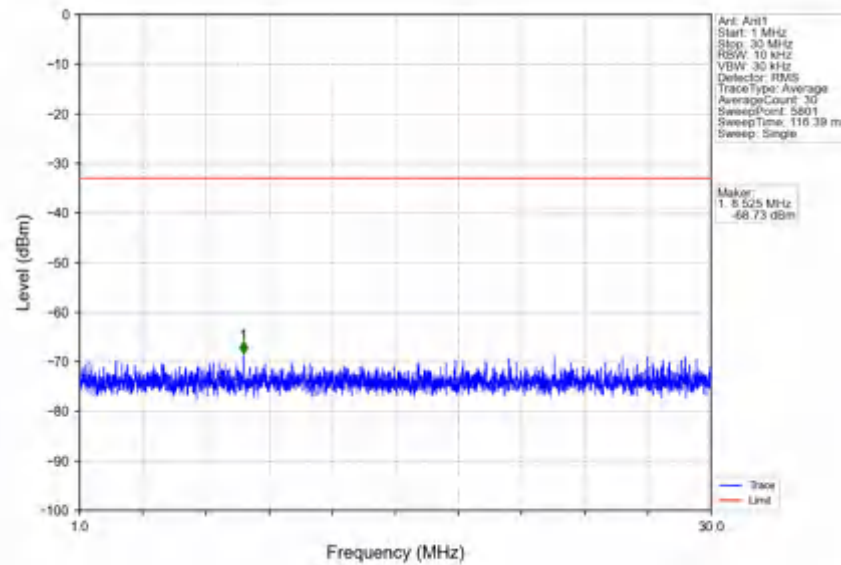


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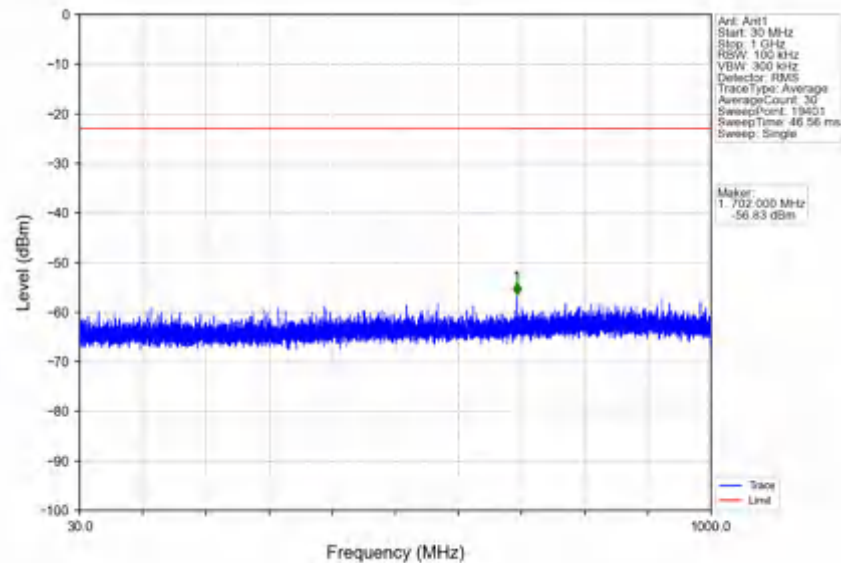
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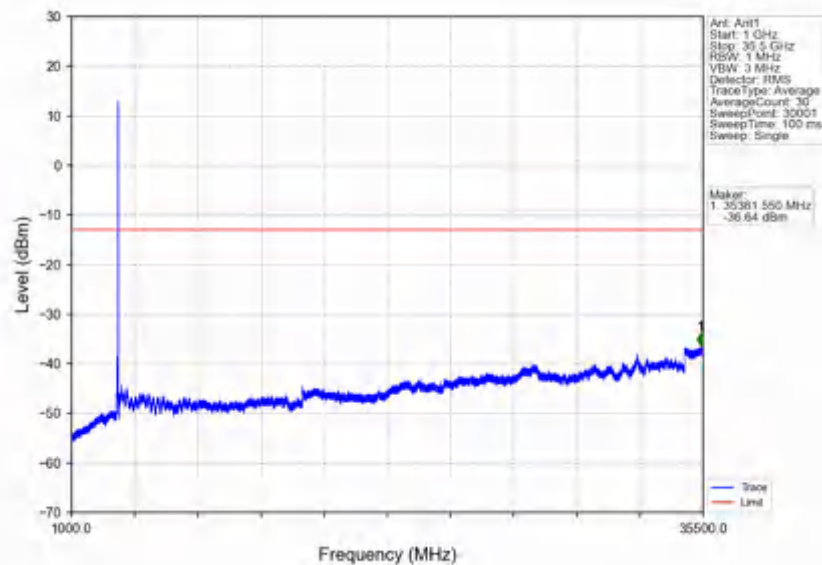


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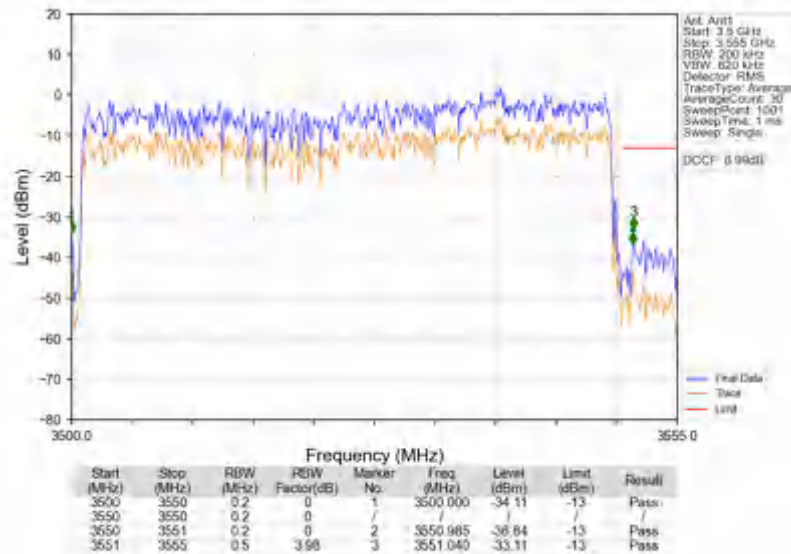
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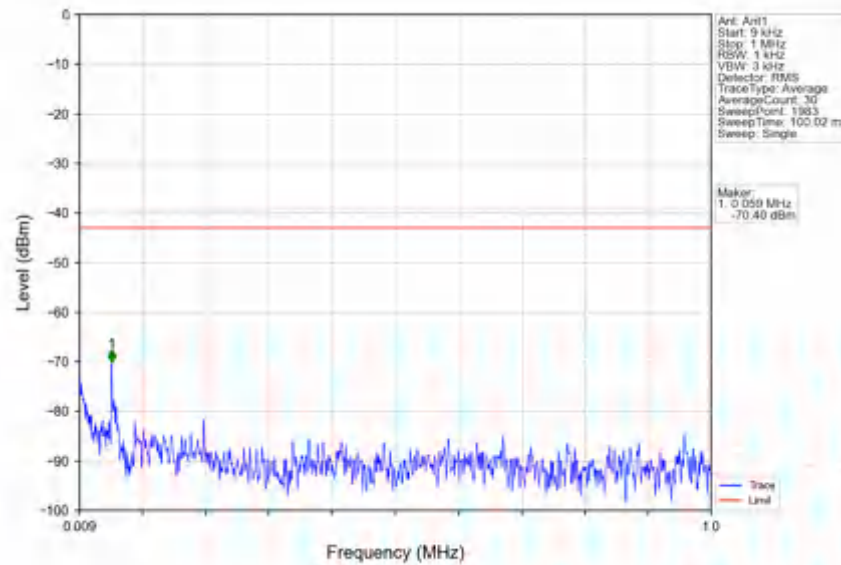


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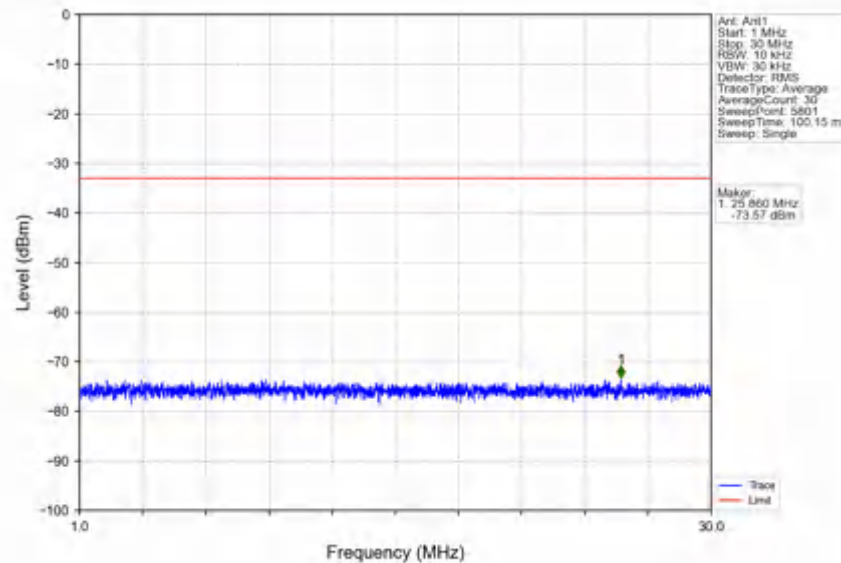
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n78e_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3525MHz_Outer_Full



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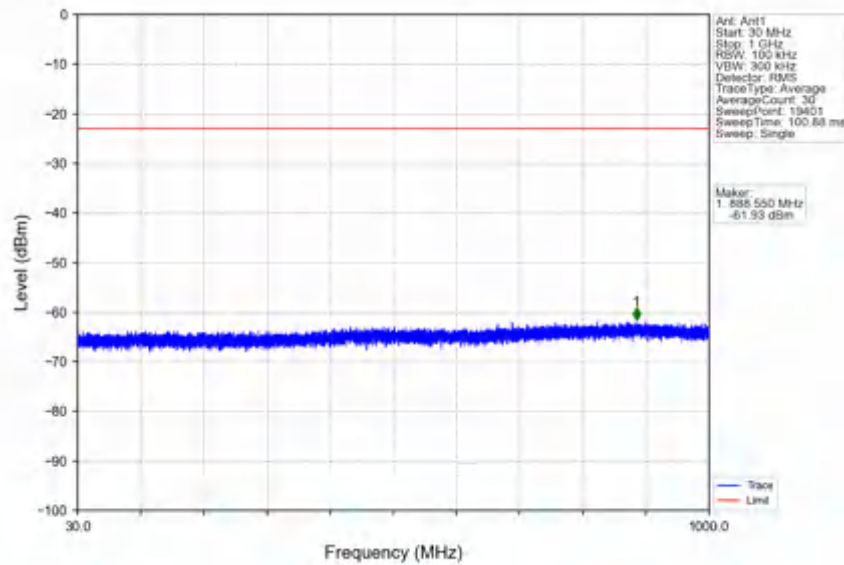


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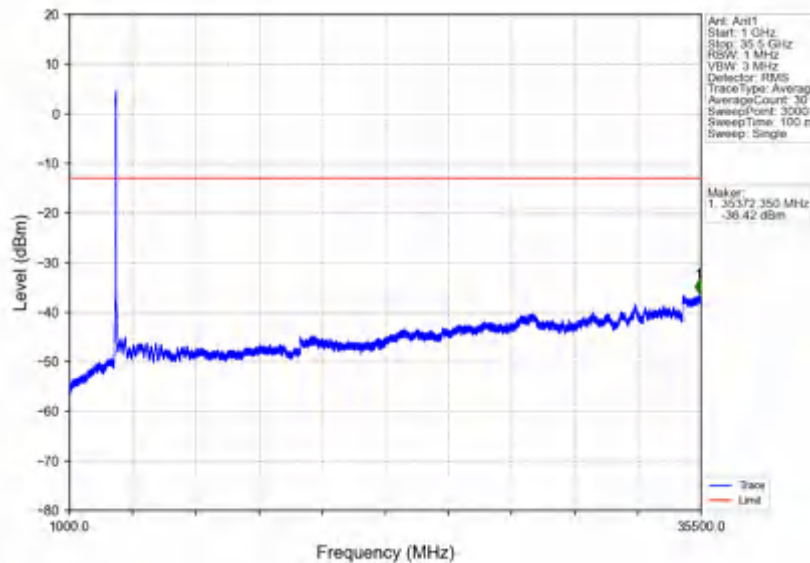
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0512 21530002 0512 21530003 4006288888

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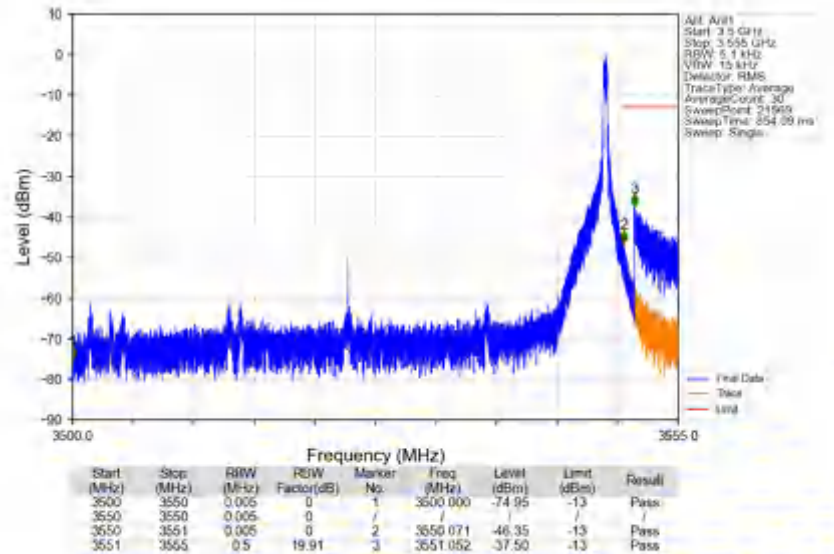


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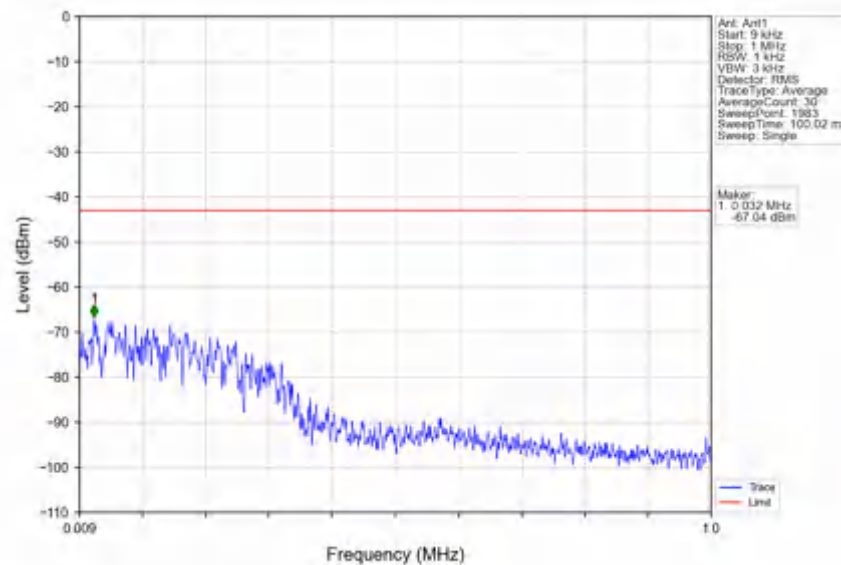
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n78e_30kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_3525MHz_Inner_1RB_Right



n78e_30kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_3525MHz_Inner_1RB_Right

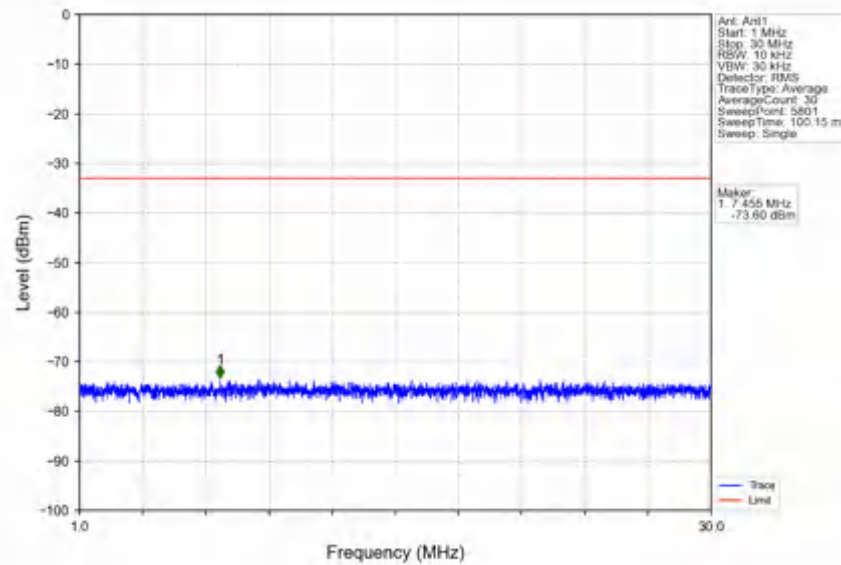


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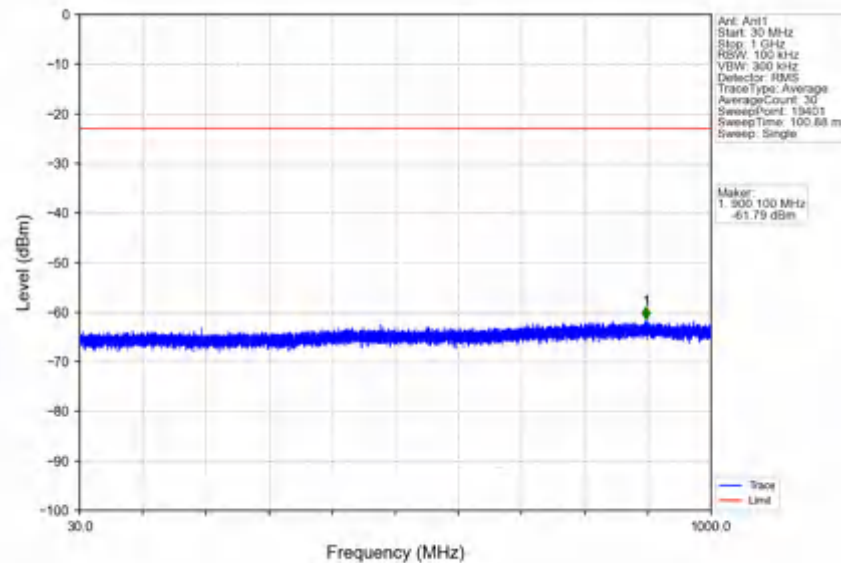
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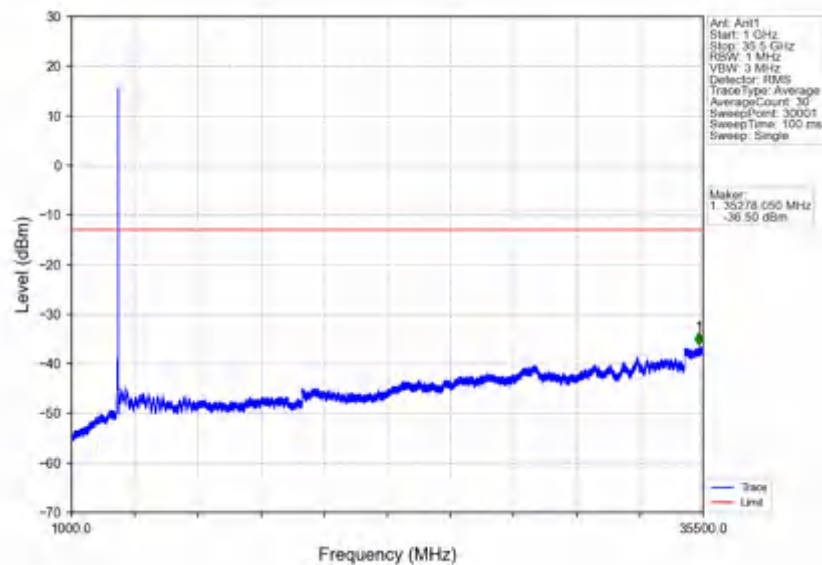


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9.15 30k_SISO_60MHz_NTNV

9.15.1 Test Result

5G NR n78e SCS=30kHz SISO 60MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	3480	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
		Edge 1RB Right	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
DFT-s-OFDM QPSK	3480	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
		Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
CP-OFDM QPSK	3519.99	Edge 1RB Right	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
	3480	Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
CP-OFDM QPSK	3500.01	Edge 1RB Left	Refer To Test Graph			Pass
		Edge 1RB Right	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
	3519.99	Inner 1RB Right	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass



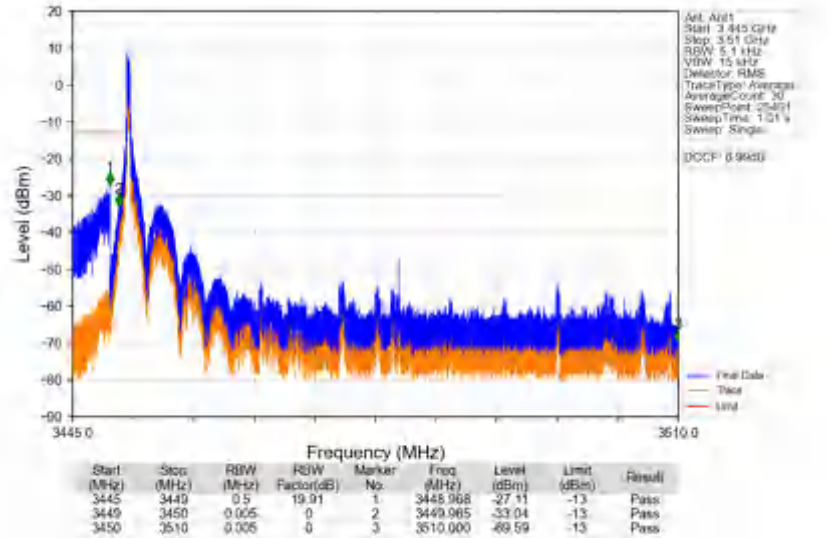
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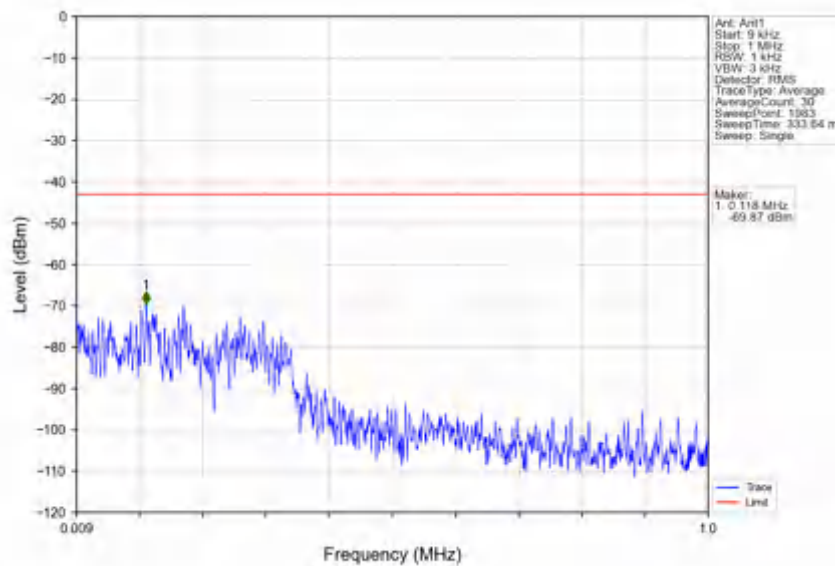
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 0512-517715063 0512-517715064 4000000000

9.15.2 Test Graph

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n78e_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_PI/2_BPSK_3480MHz_Edge_1RB_Left

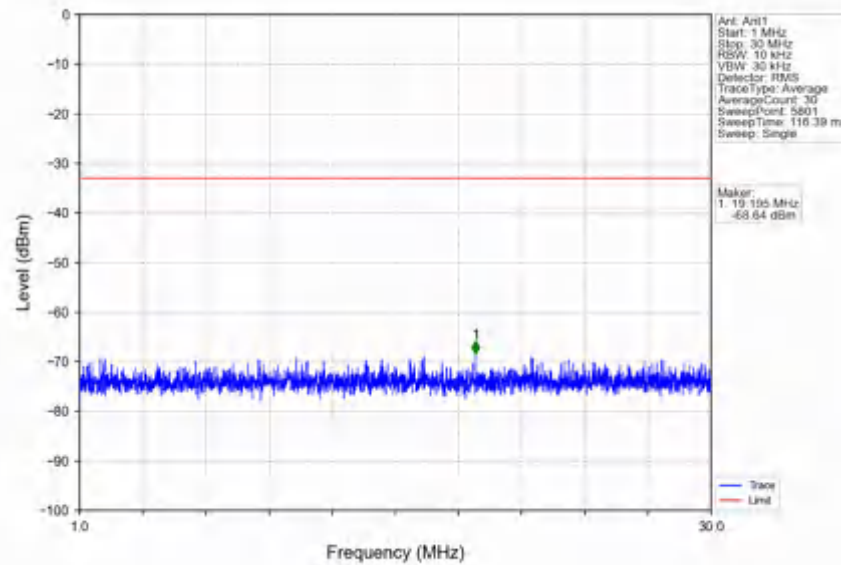


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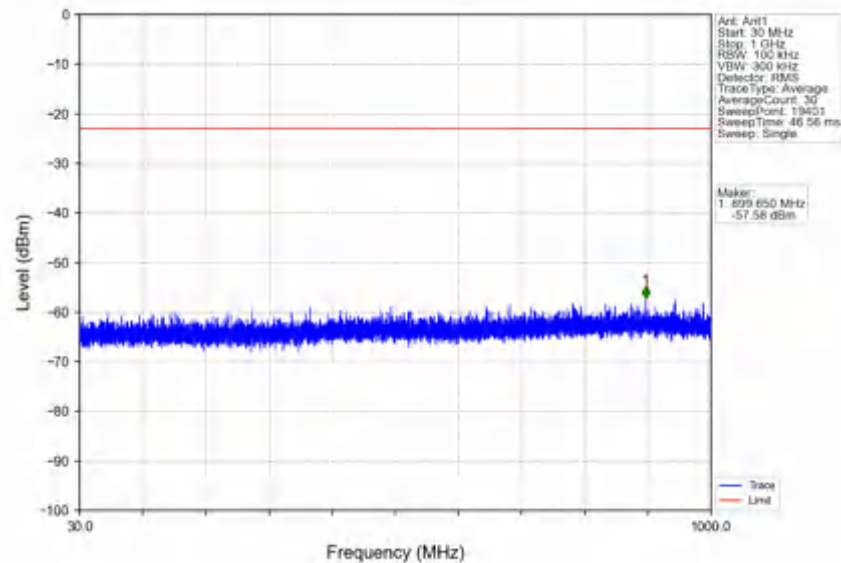
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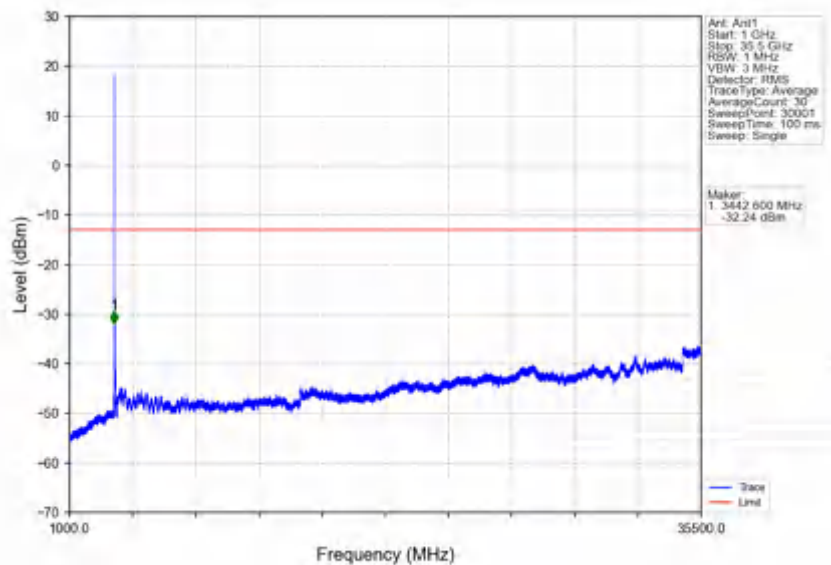


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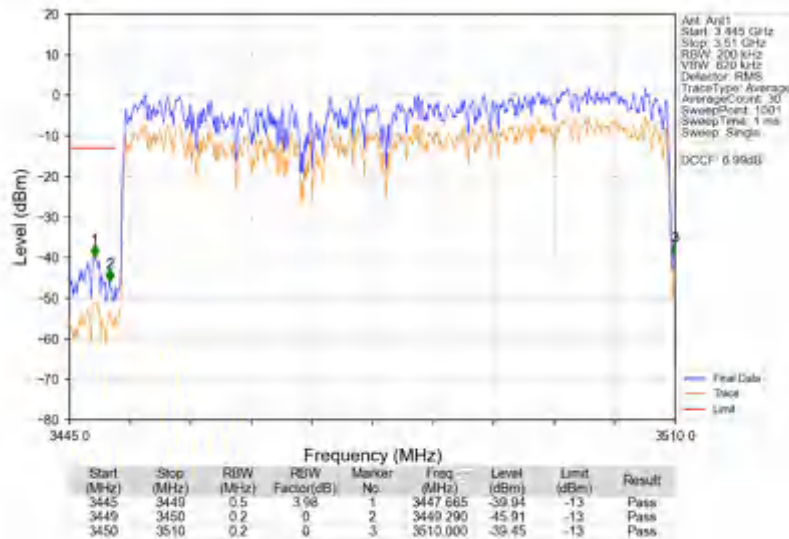
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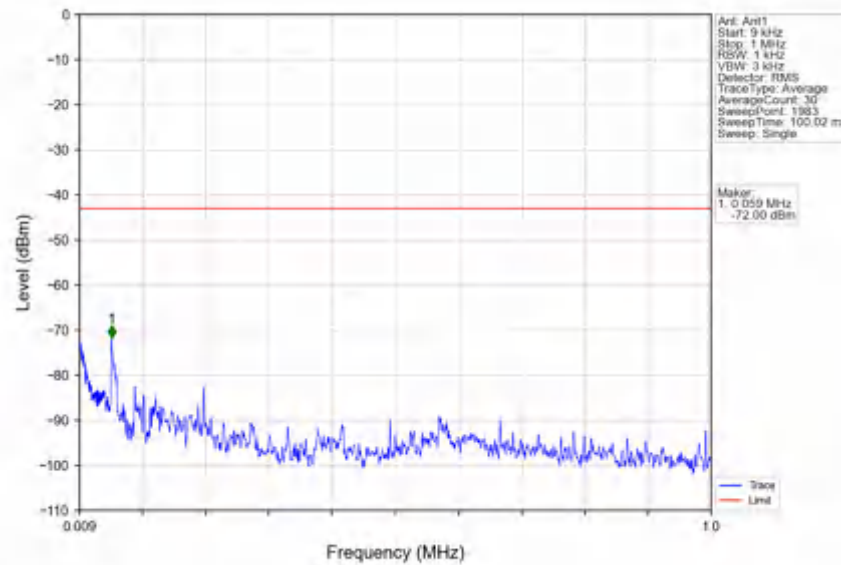


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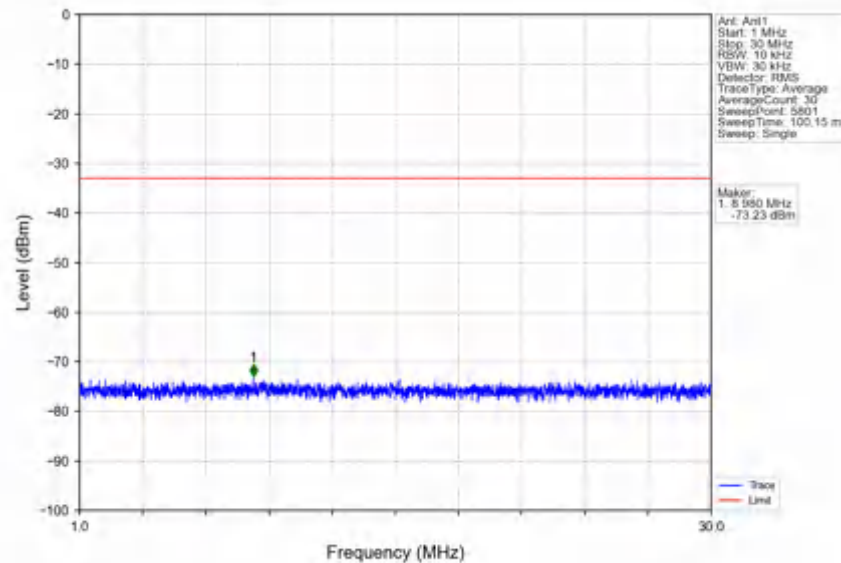
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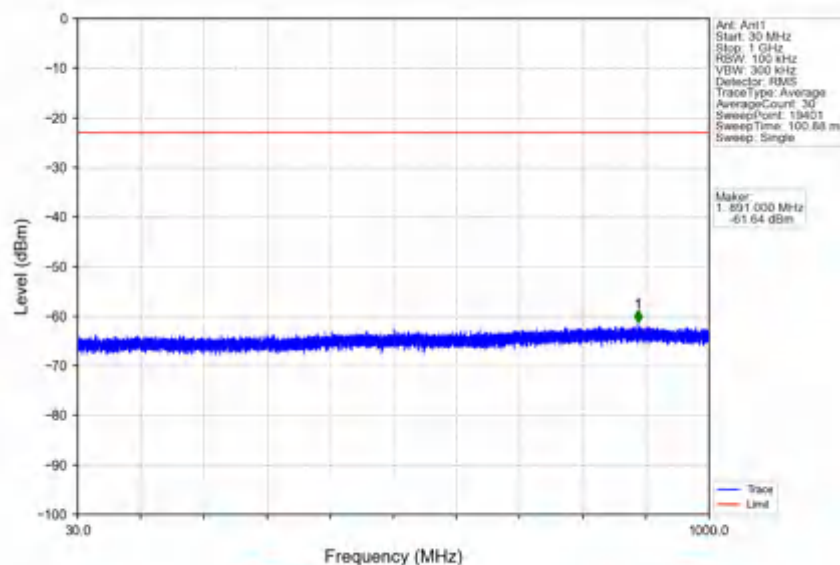


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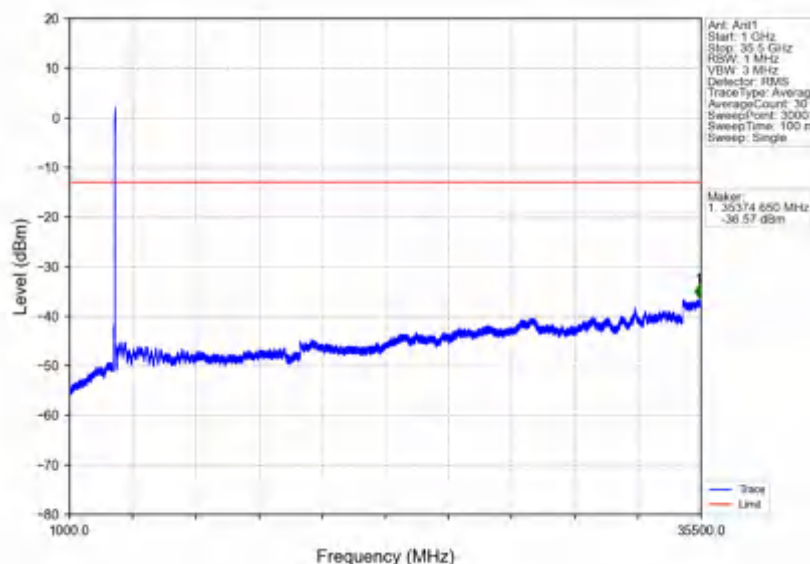
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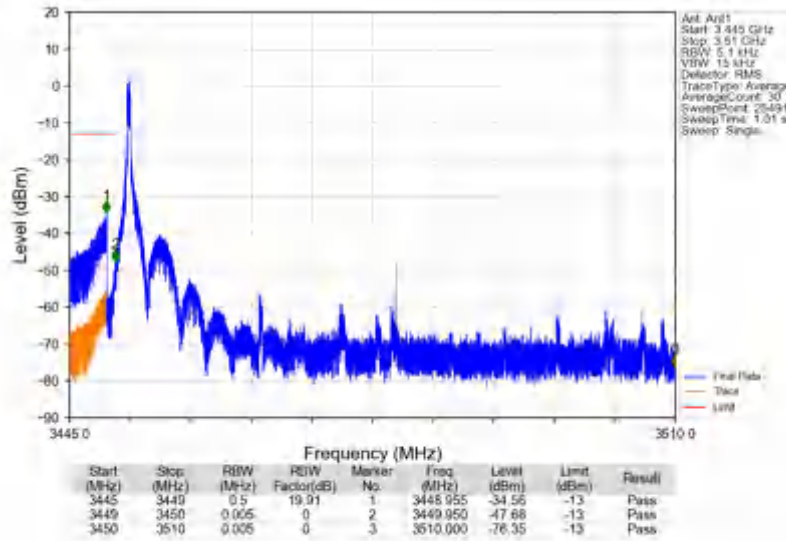


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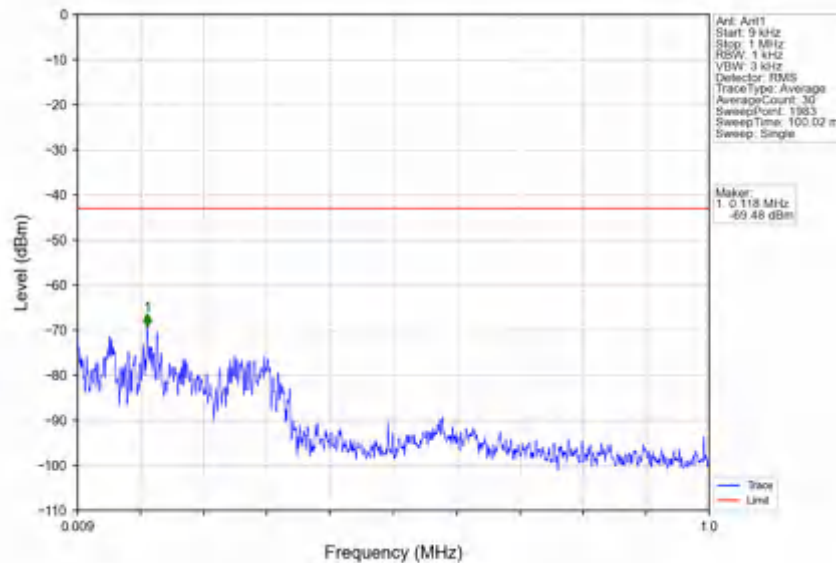
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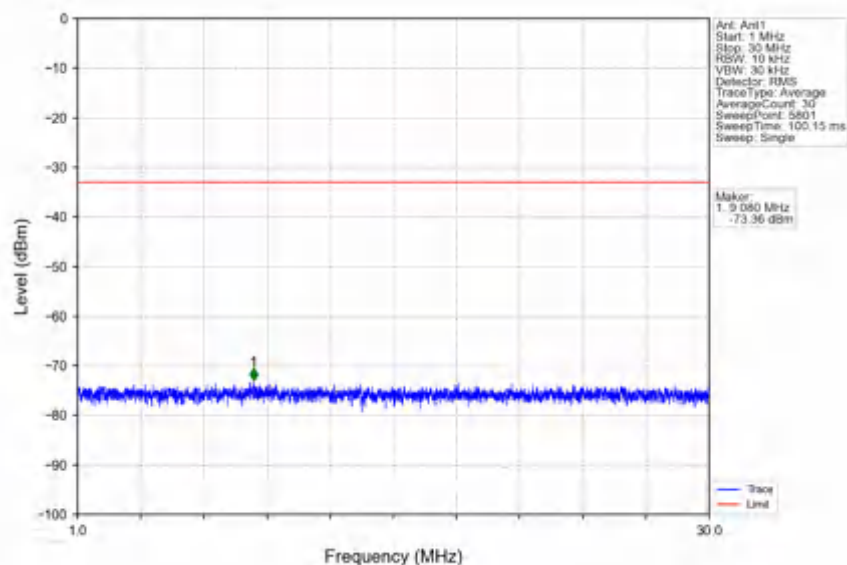
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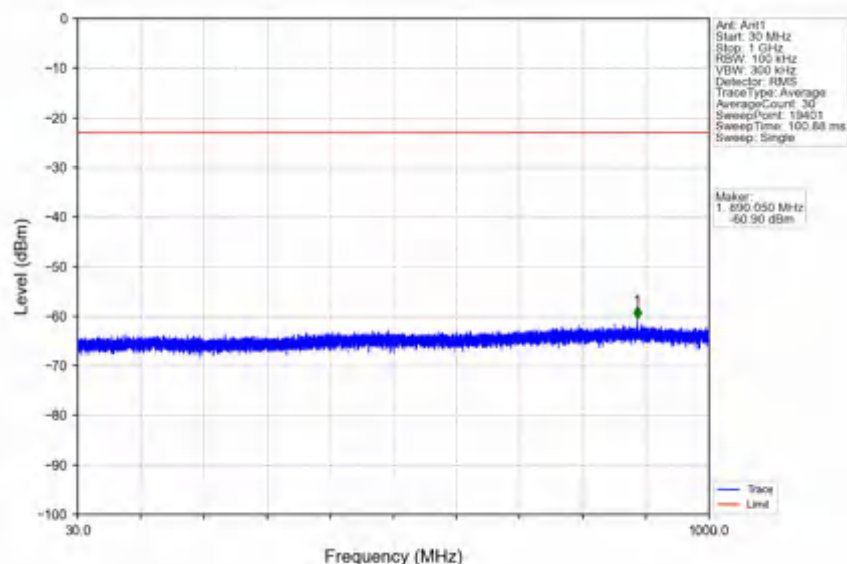
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n78e_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3480MHz_Inner_1RB_Left



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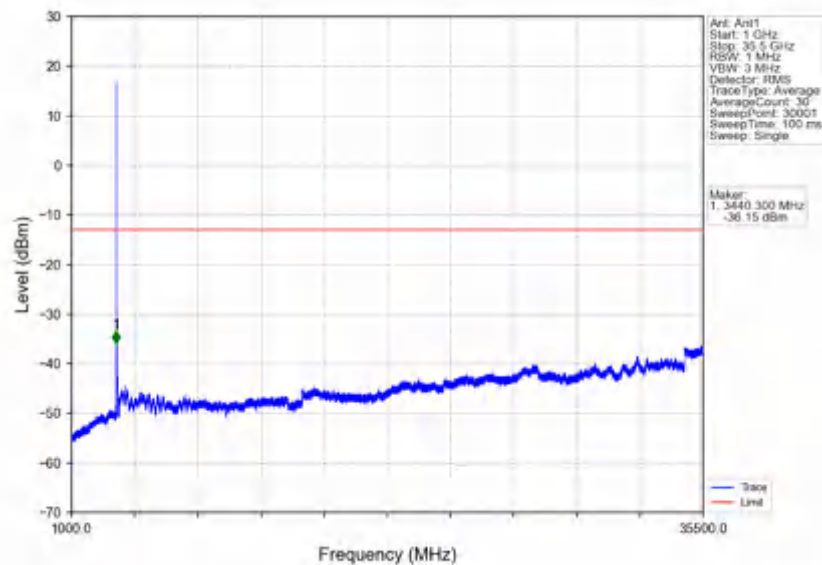


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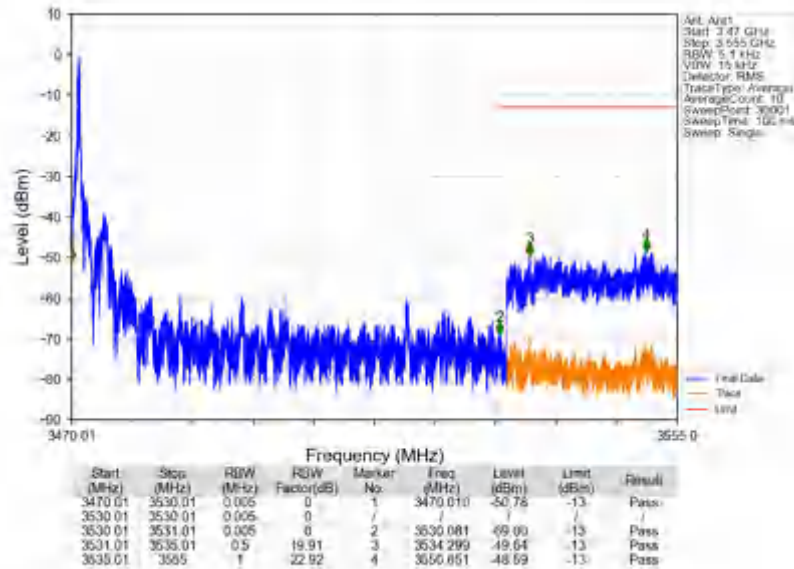
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n78e_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3480MHz_Inner_1RB_Left



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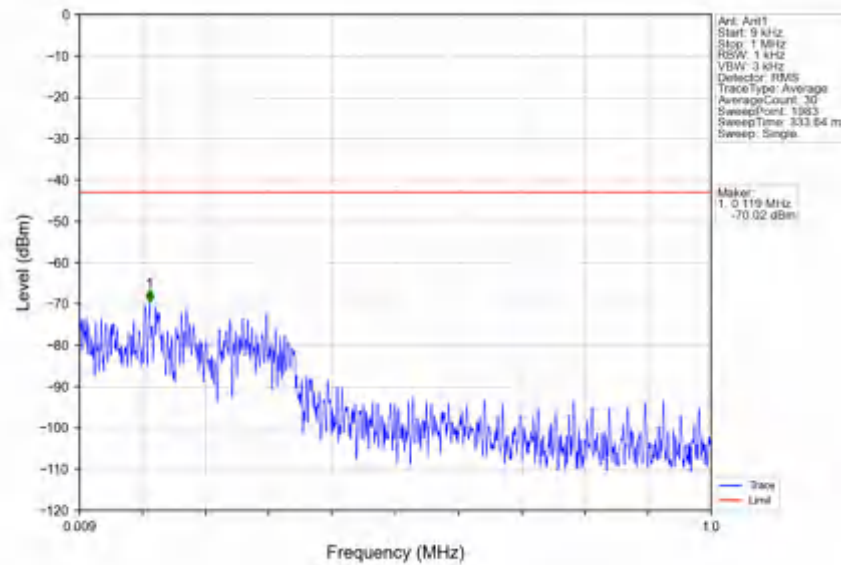


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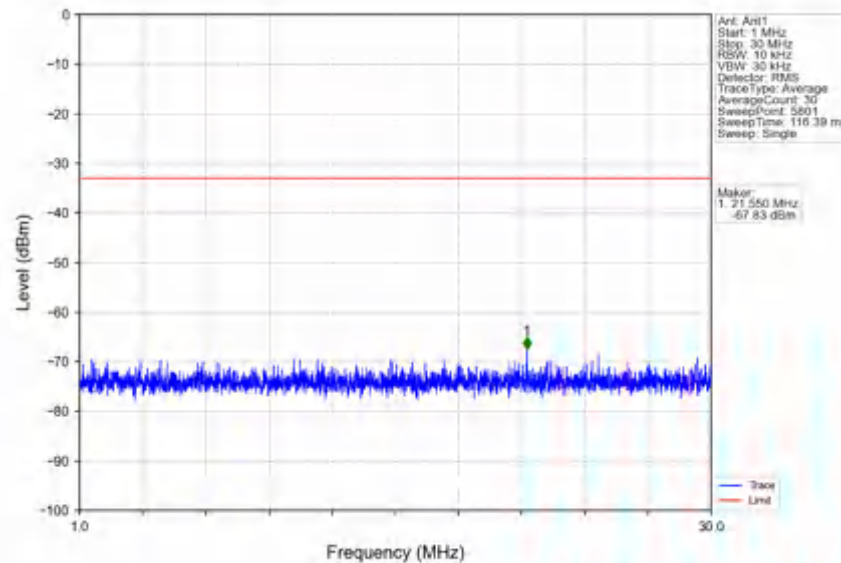
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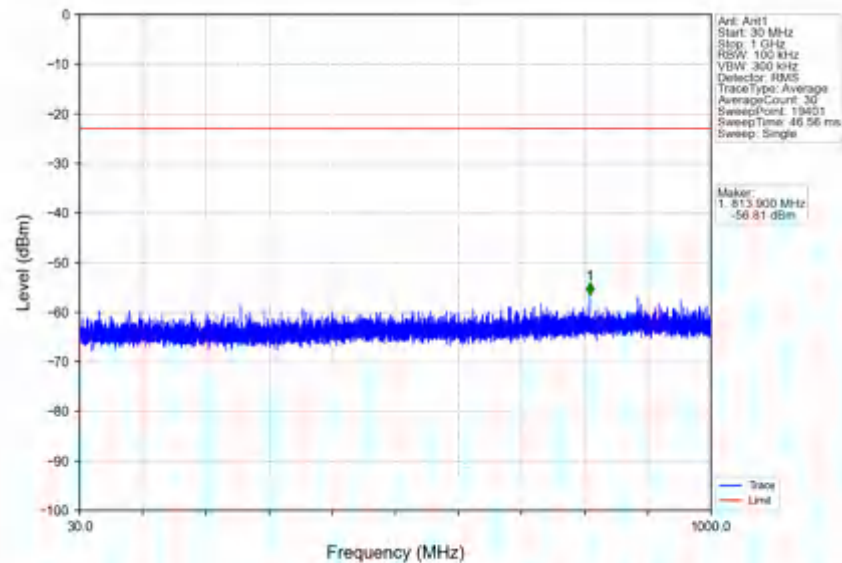


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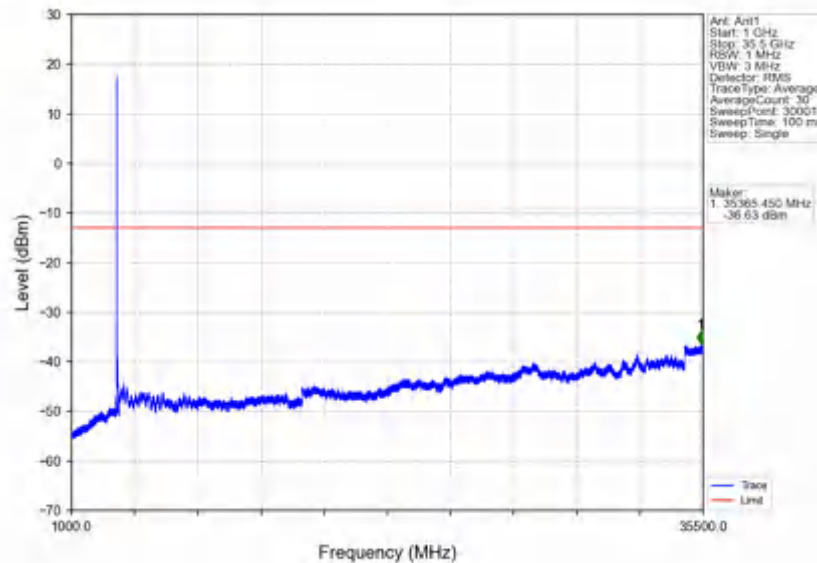
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n78e_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Edge_1RB_Left



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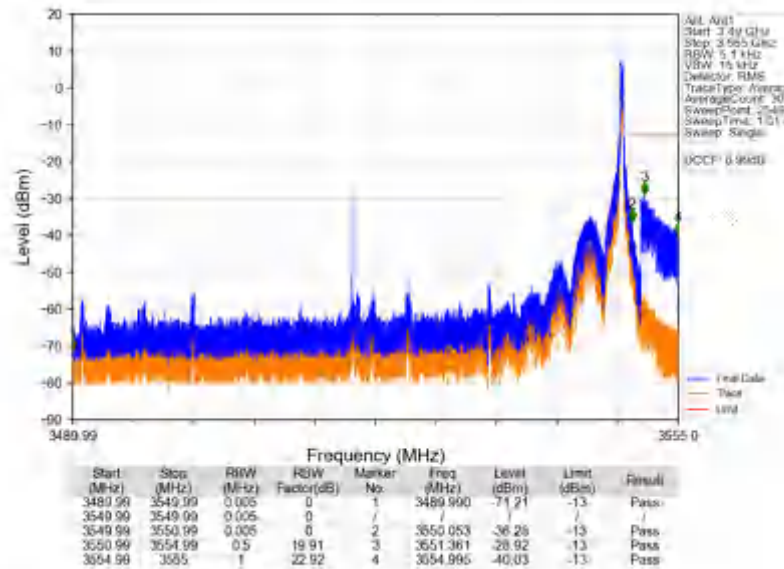


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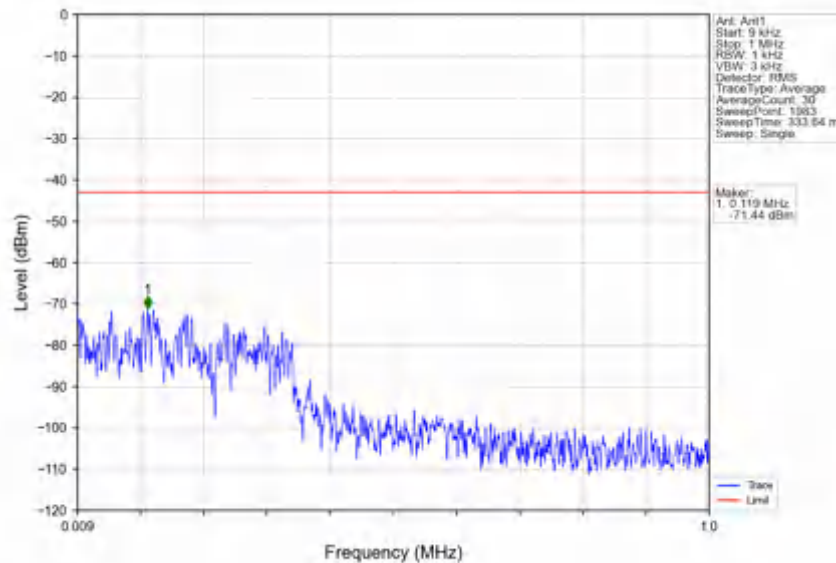
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n78e_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_PI/2_BPSK_3519.99MHz_Edge_1RB_Right



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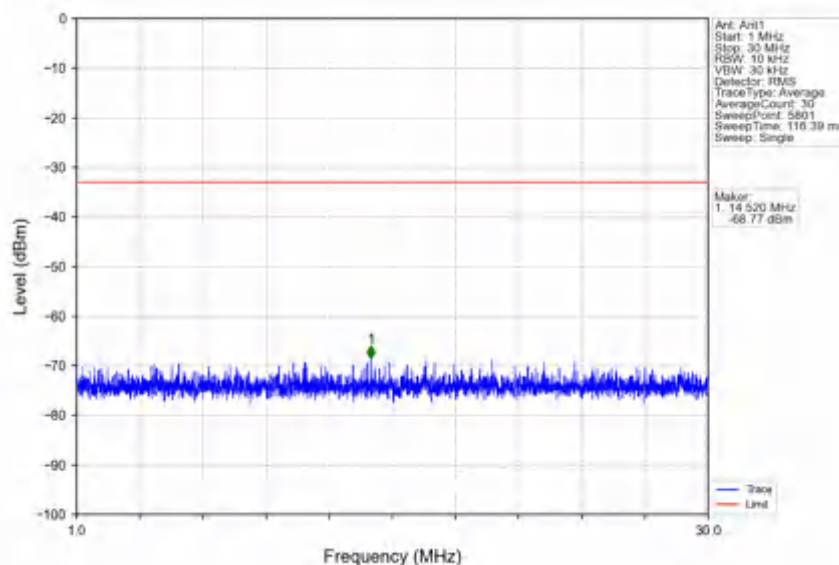


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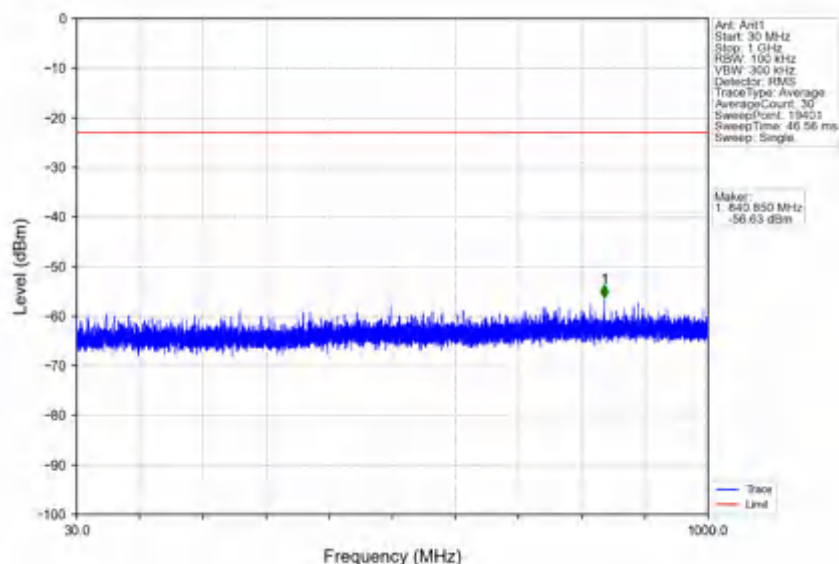
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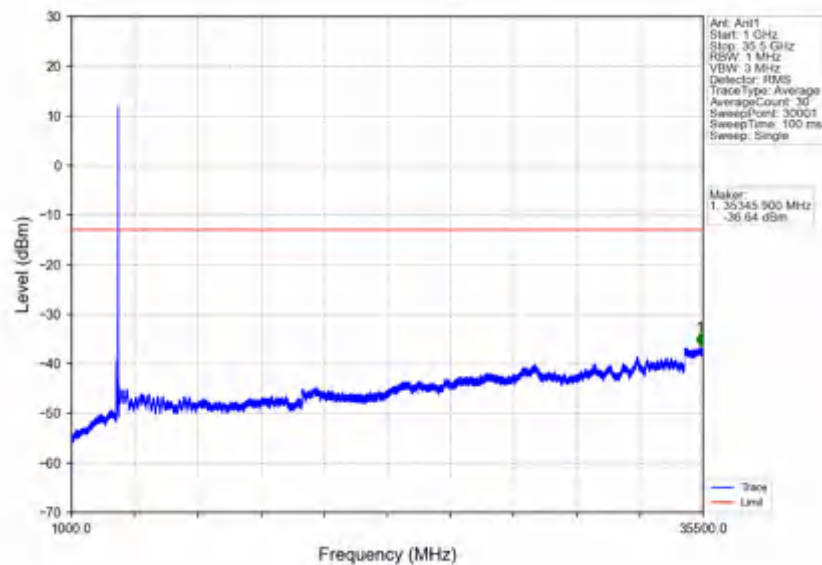


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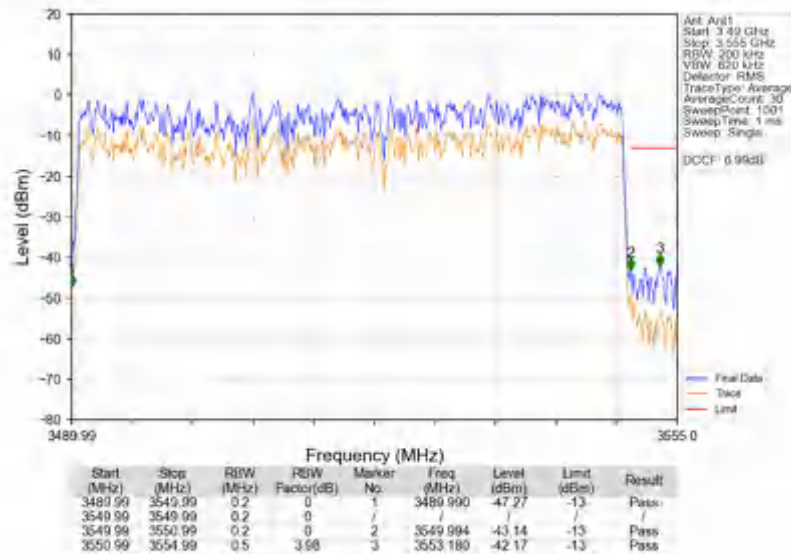
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n78e_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3519.99MHz_Outer_Full

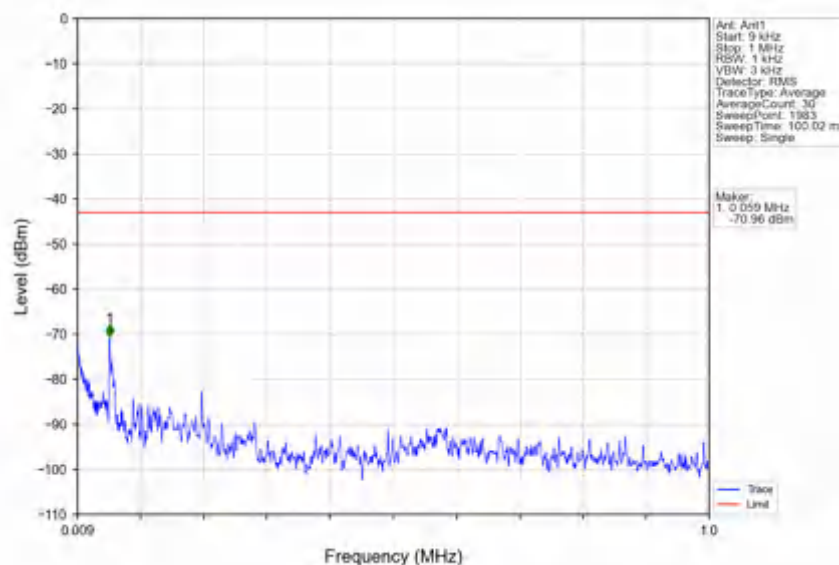


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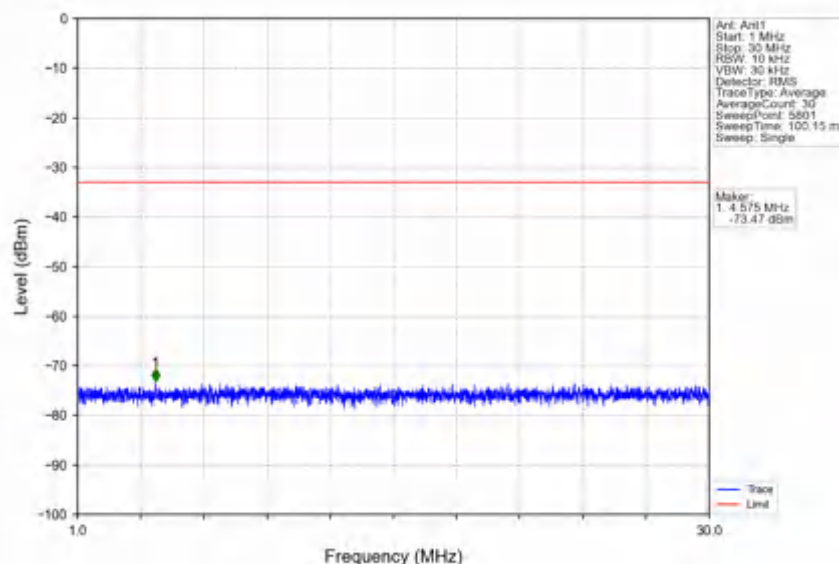
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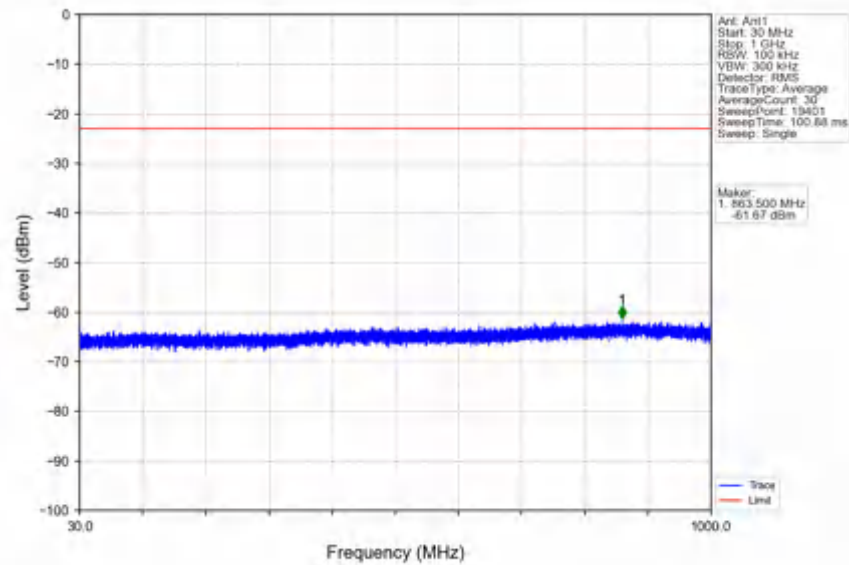


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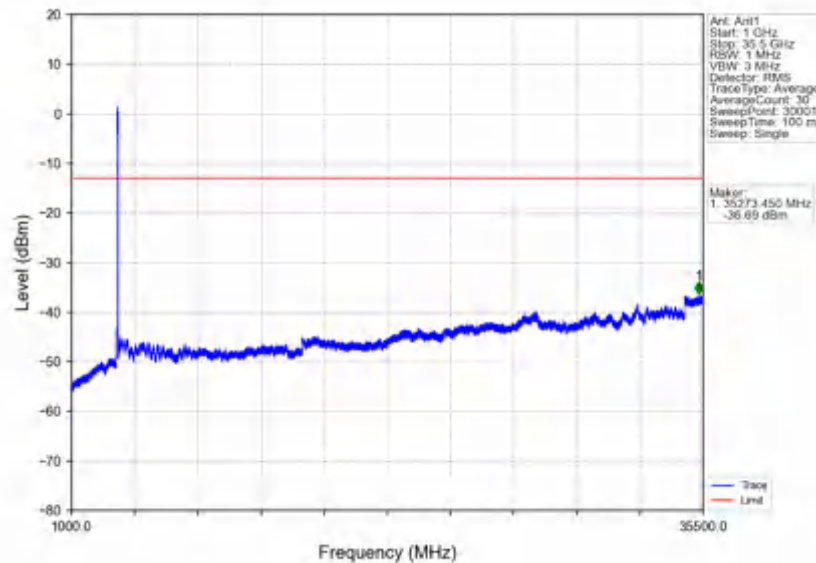
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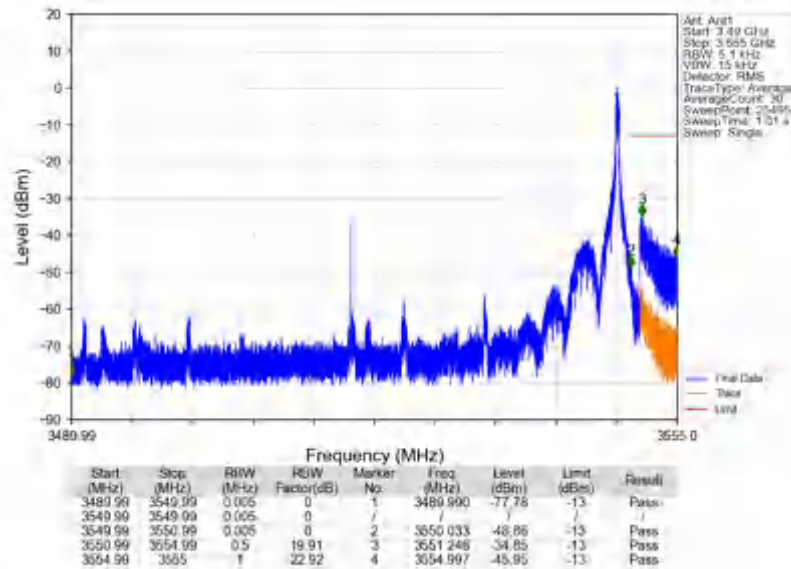


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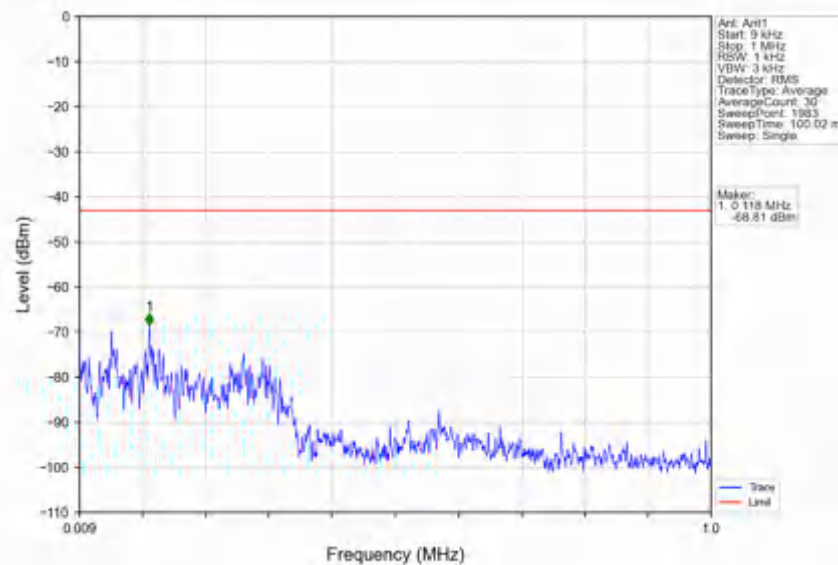
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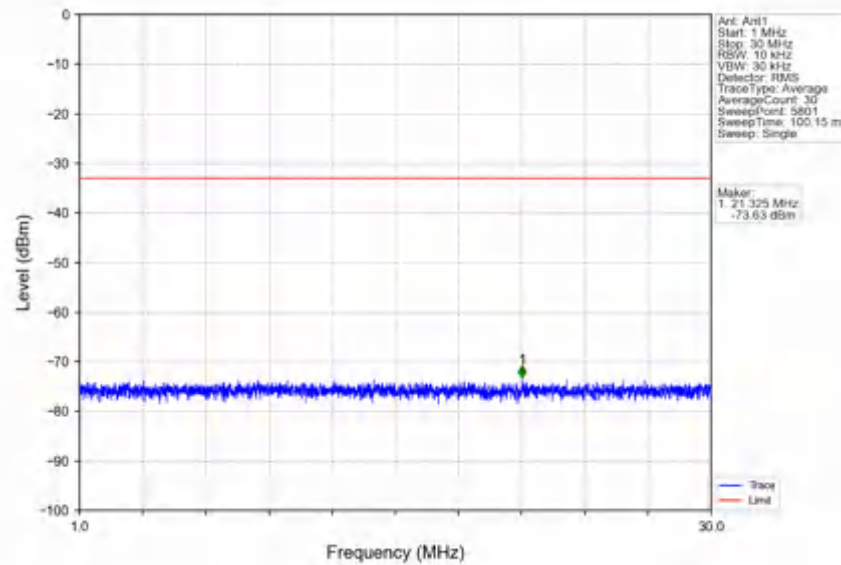
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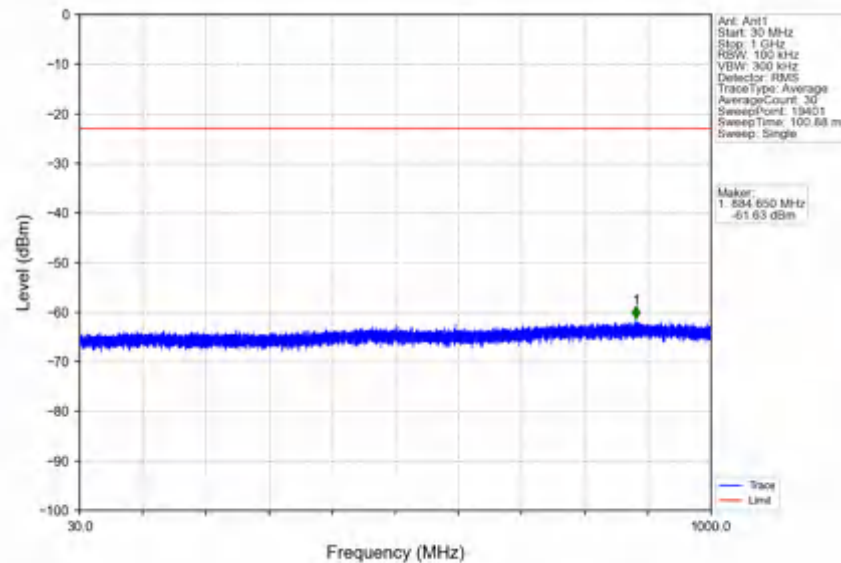
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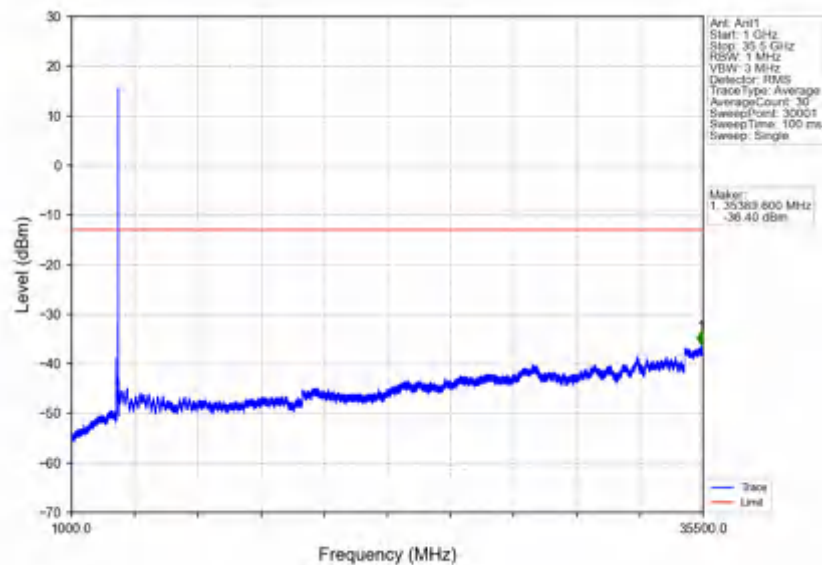


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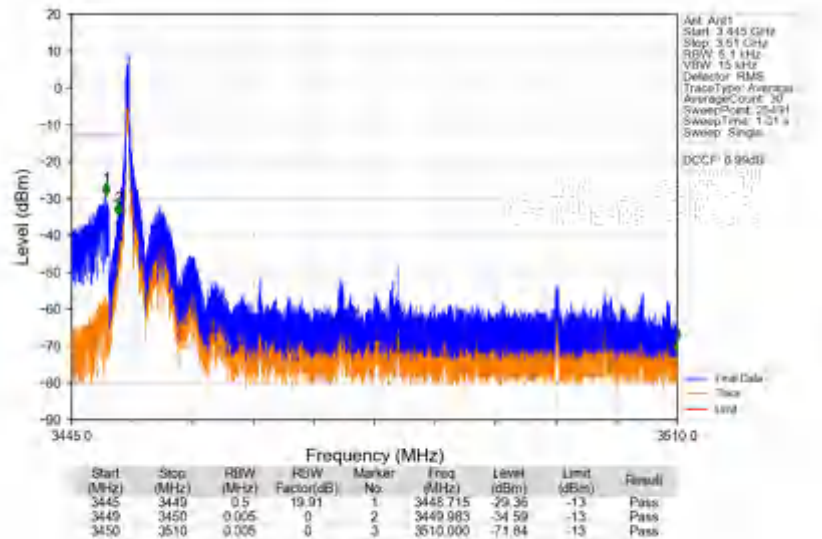
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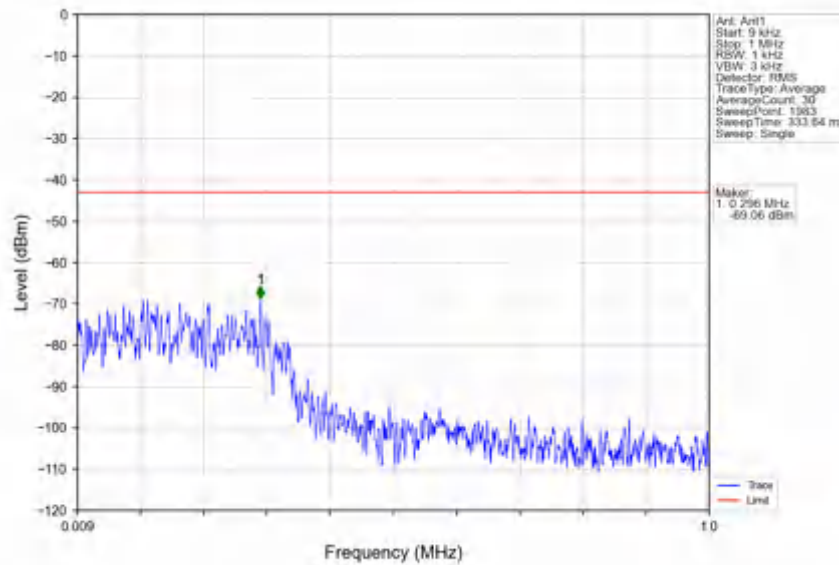


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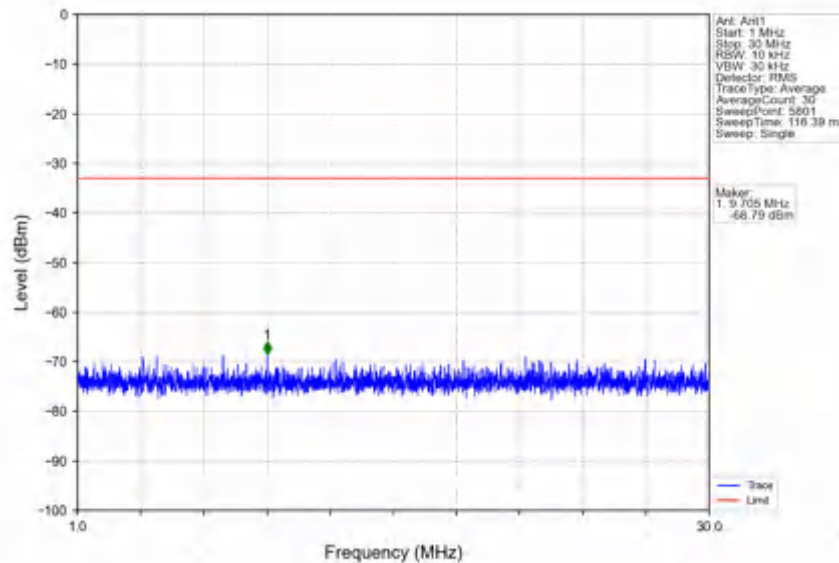
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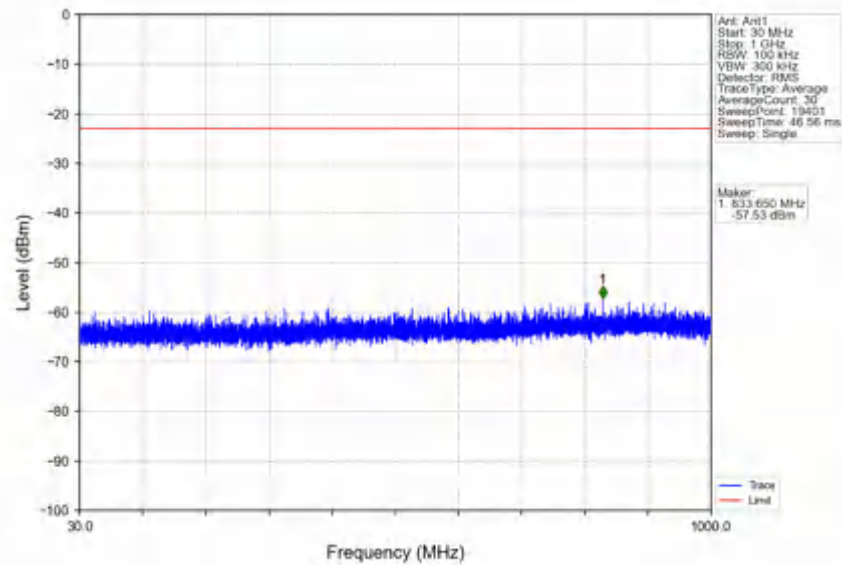


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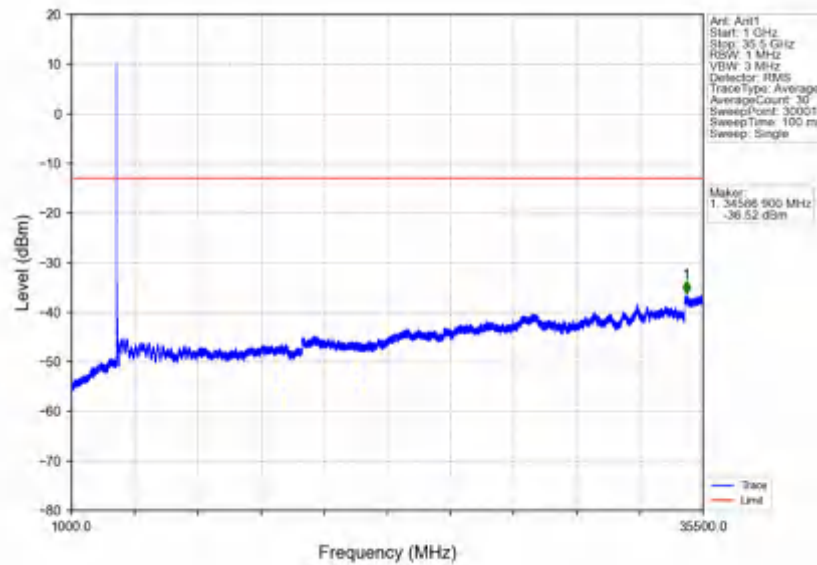
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n78e_30kHz_SISO_NTV_60MHz_DFT-s-OFDM_QPSK_3480MHz_Edge_1RB_Left



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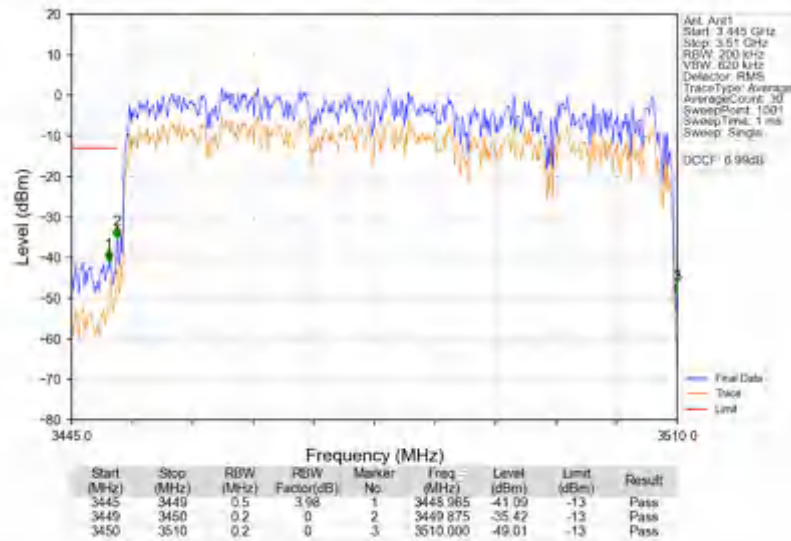


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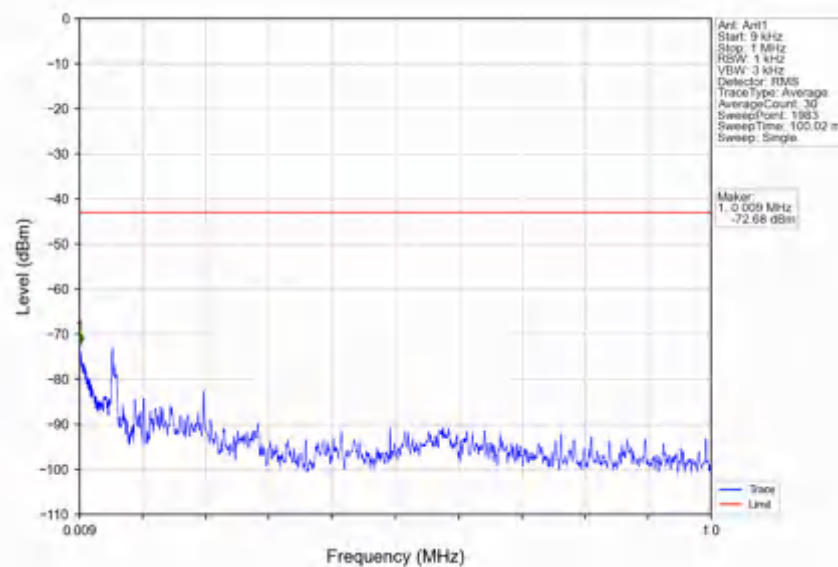
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n78e_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3480MHz_Outer_Full



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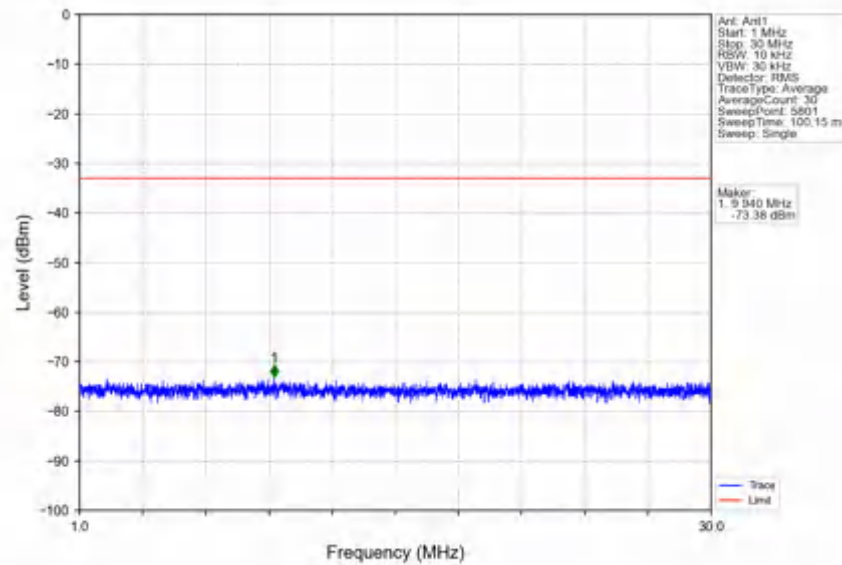


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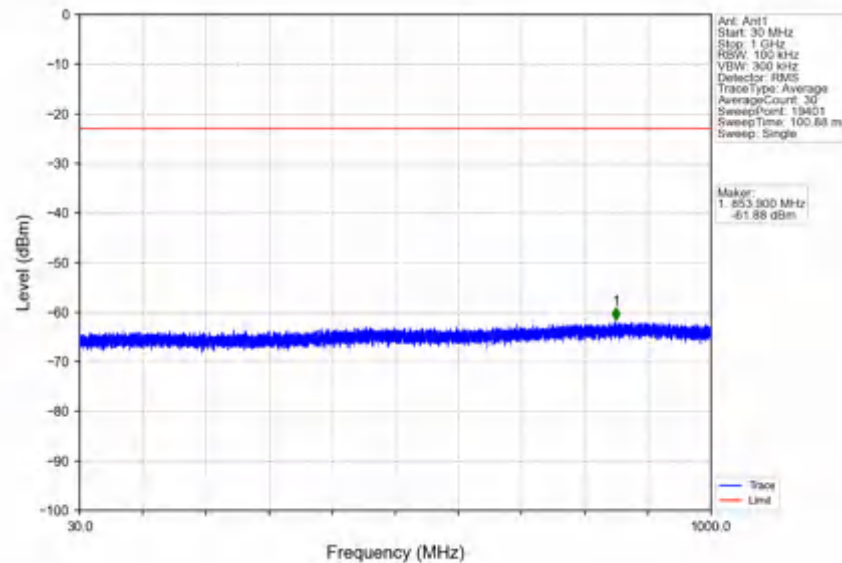
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n78e_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3480MHz_Outer_Full



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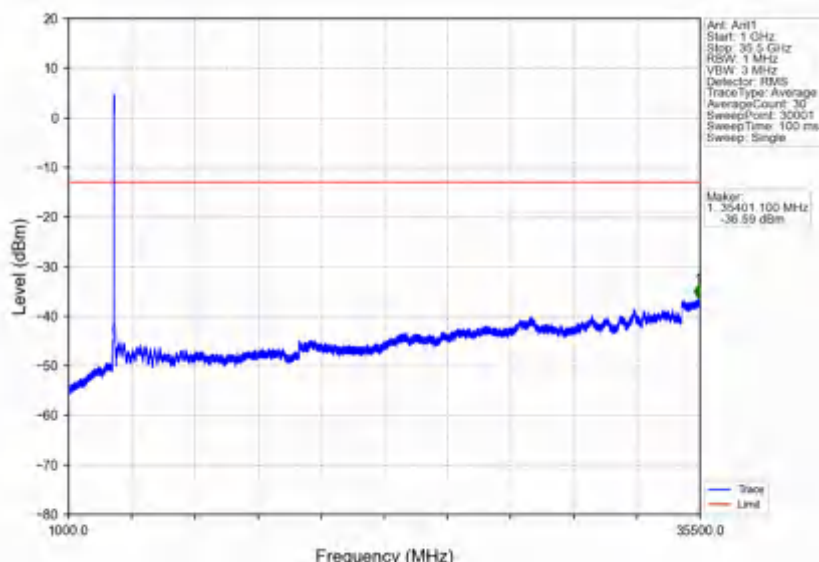


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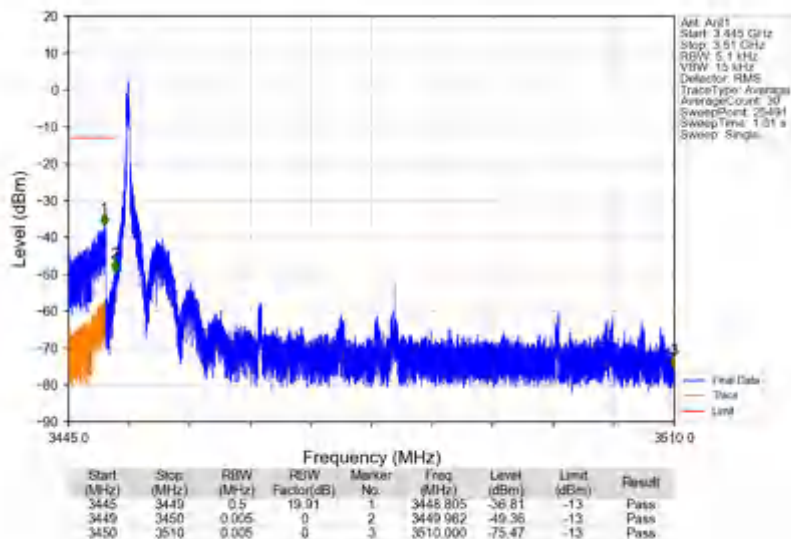
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n78e_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3480MHz_Outer_Full



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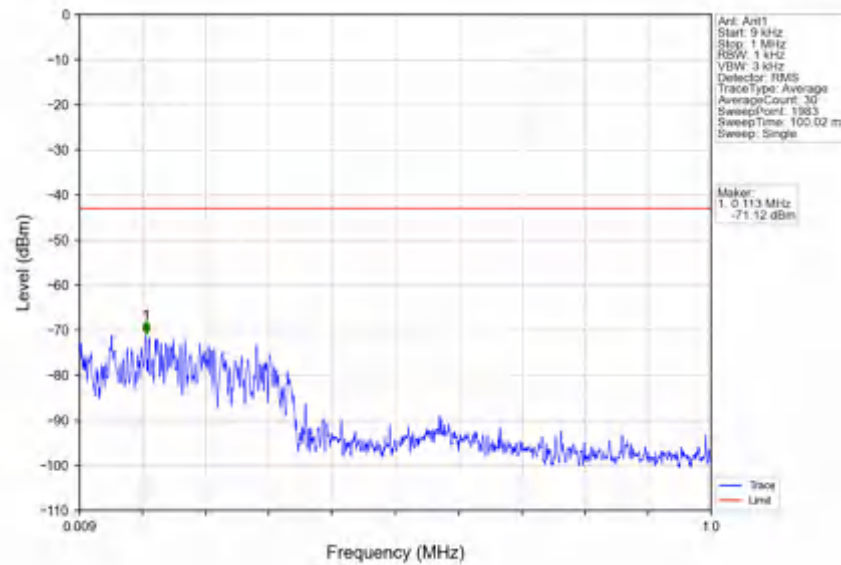


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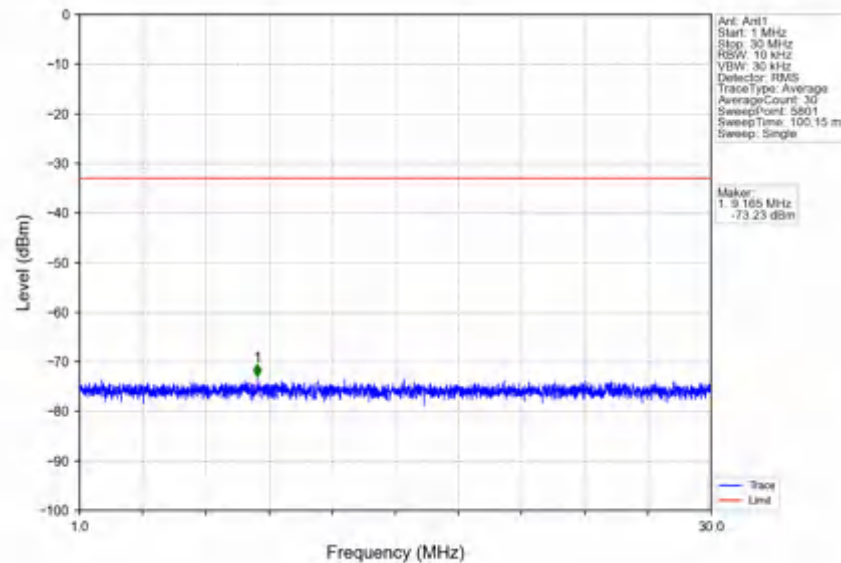
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n78e_30kHz_SISO_NTV_60MHz_DFT-s-OFDM_QPSK_3480MHz_Inner_1RB_Left



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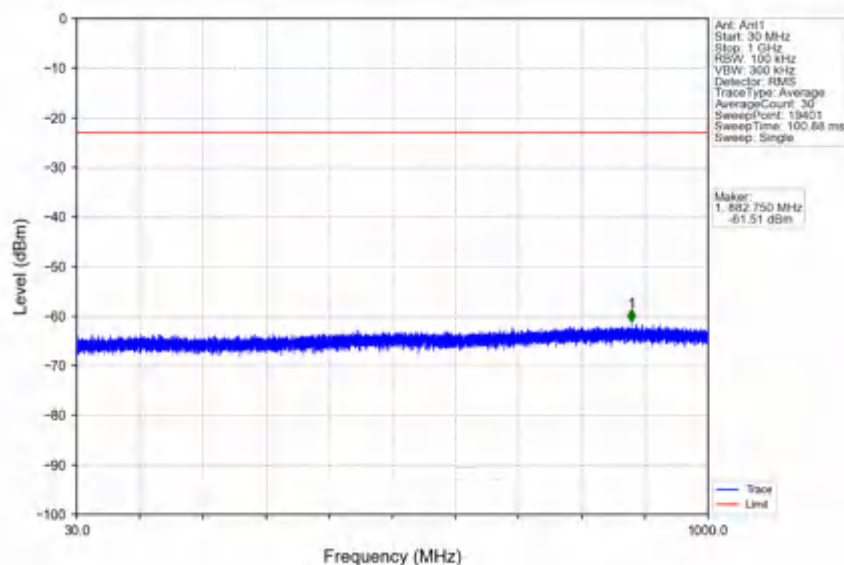


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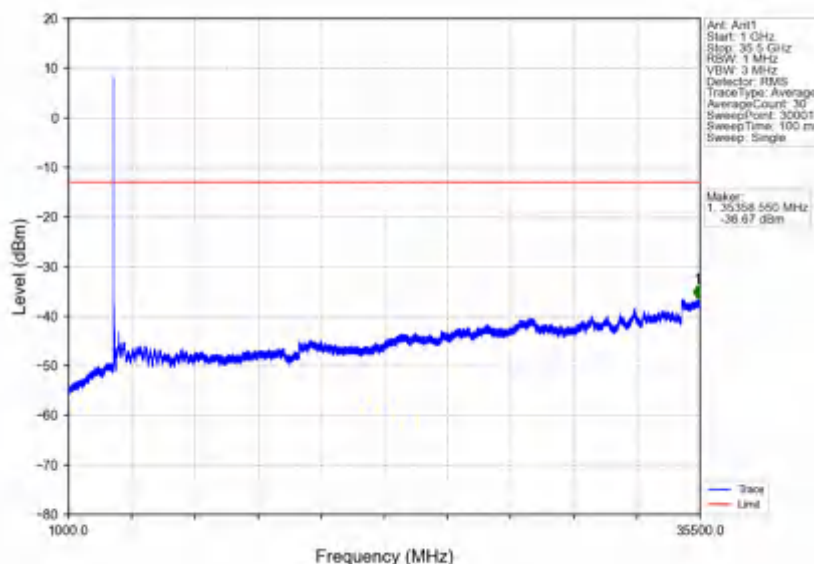
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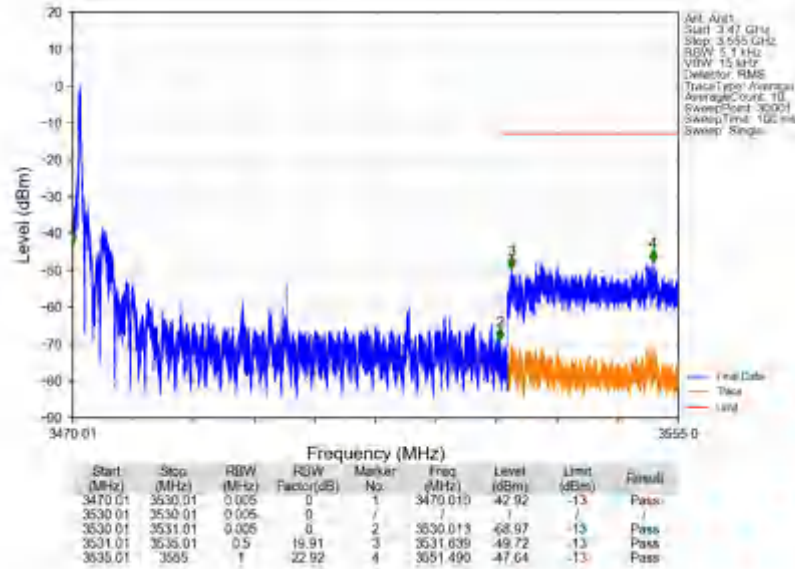


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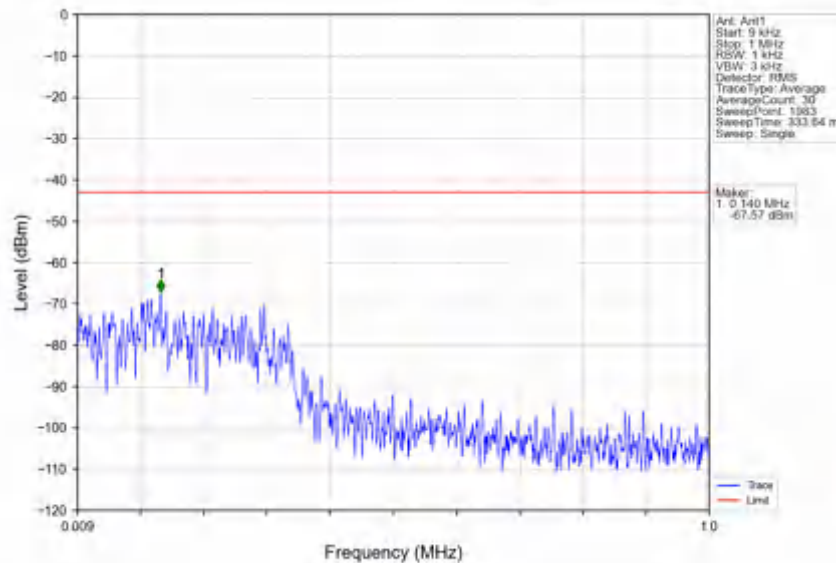
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n78e_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



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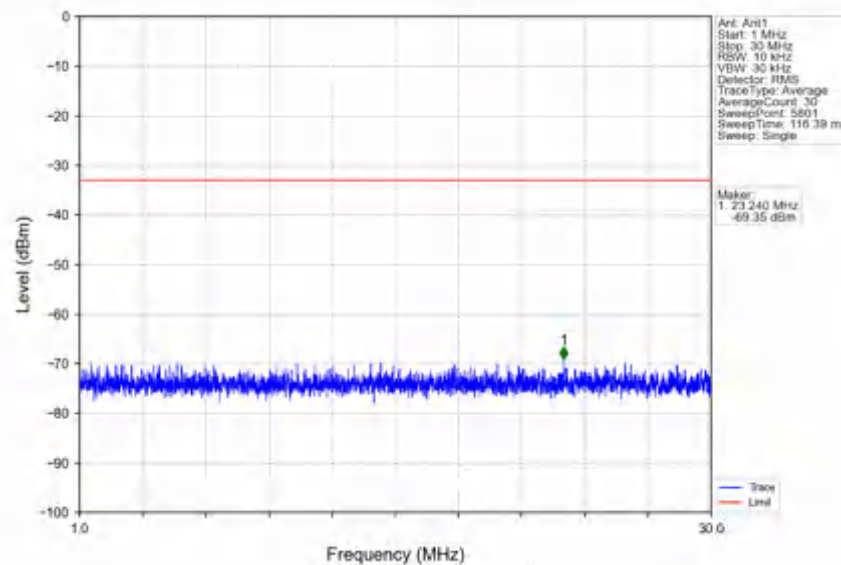


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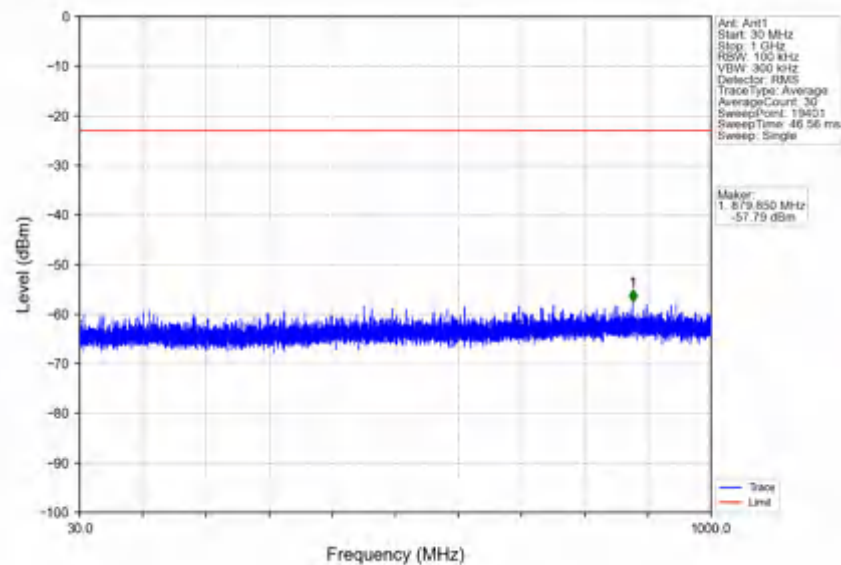
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n78e_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



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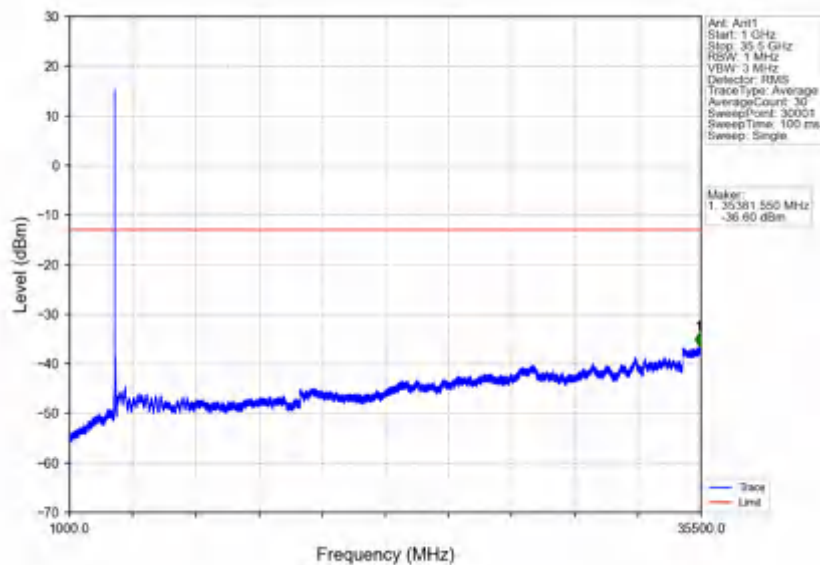


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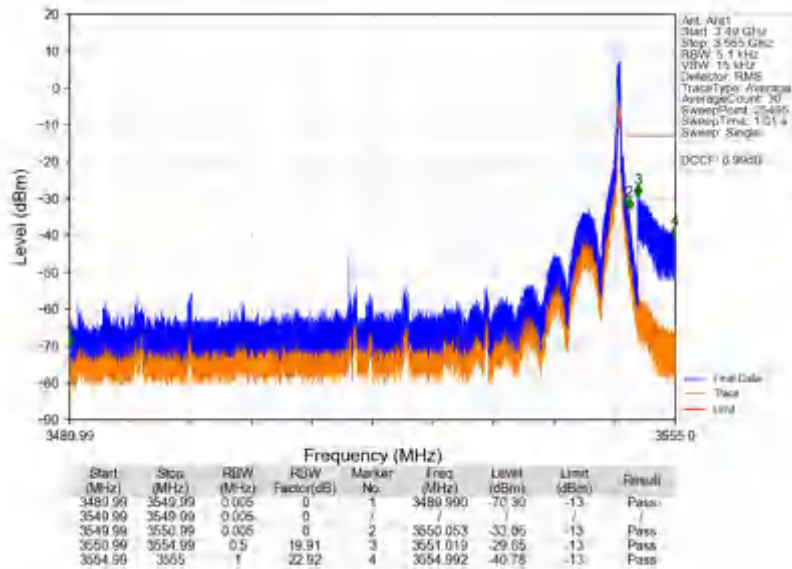
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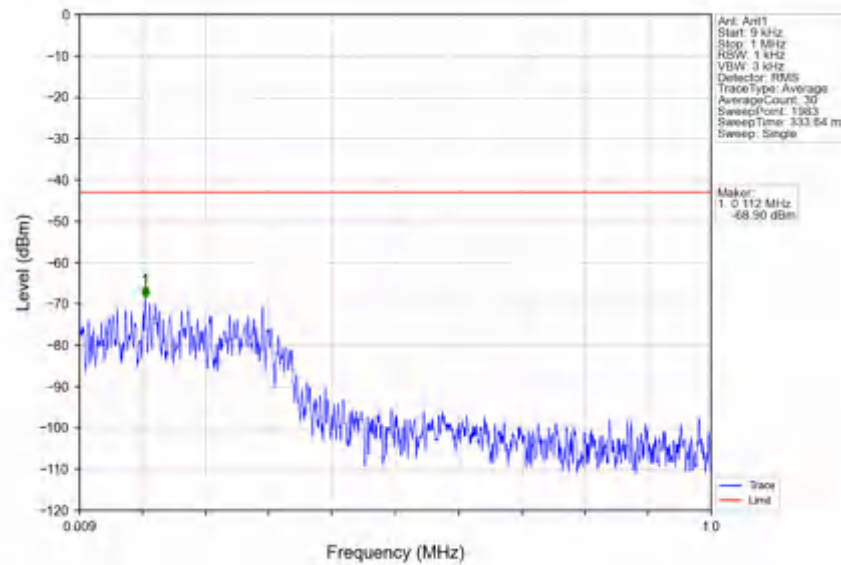


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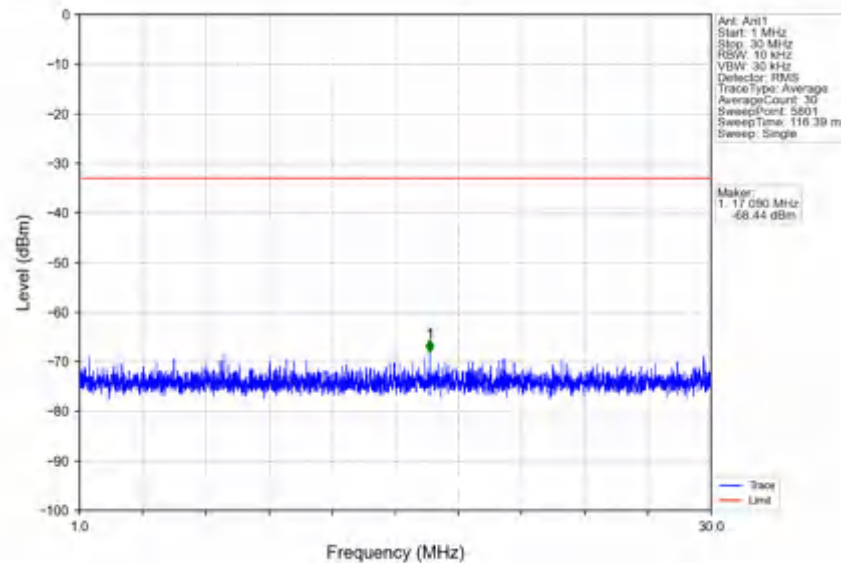
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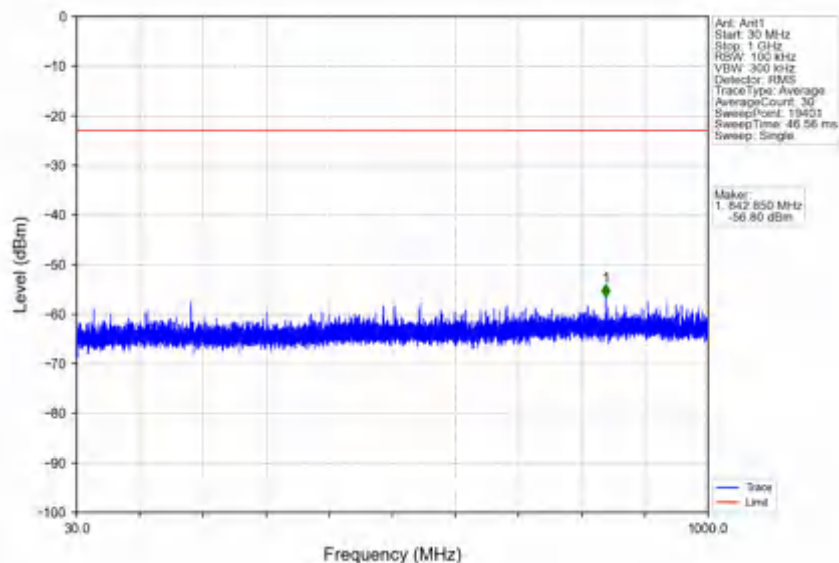


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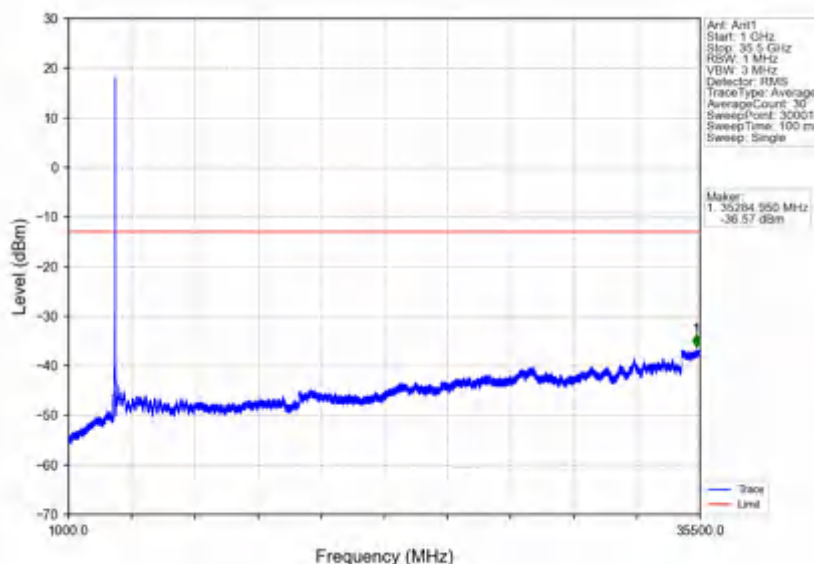
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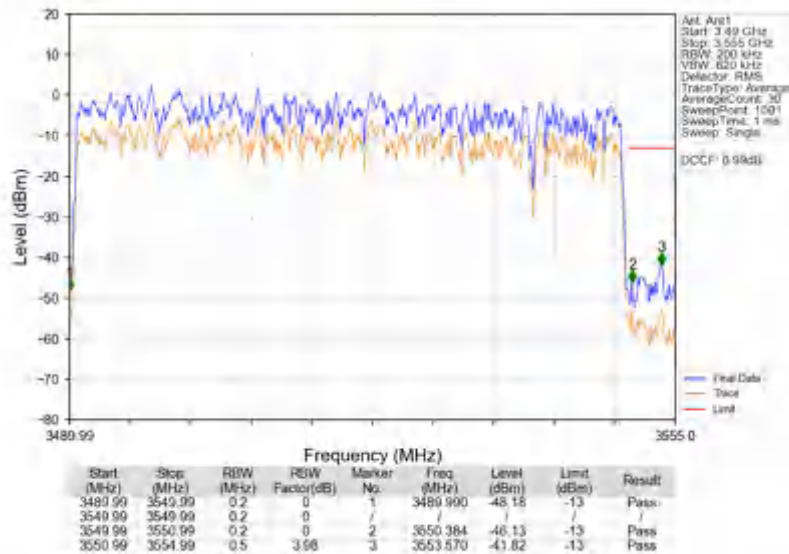


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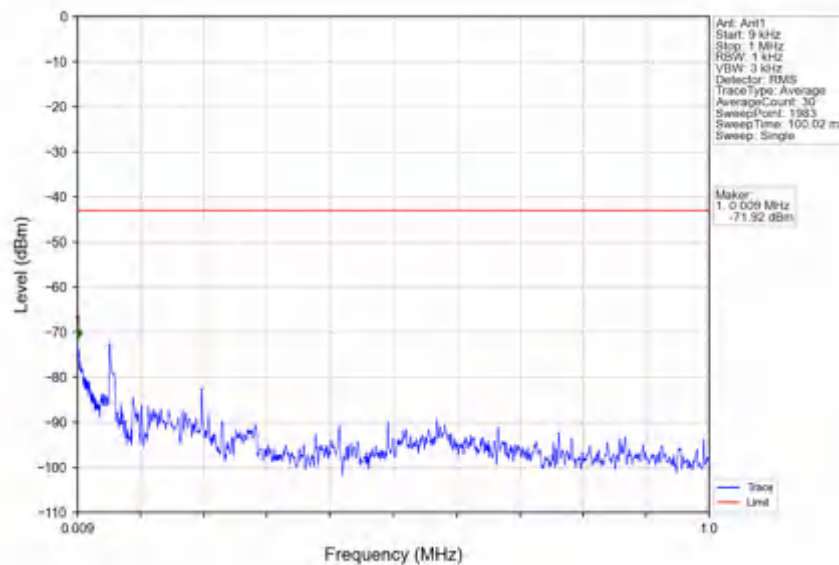
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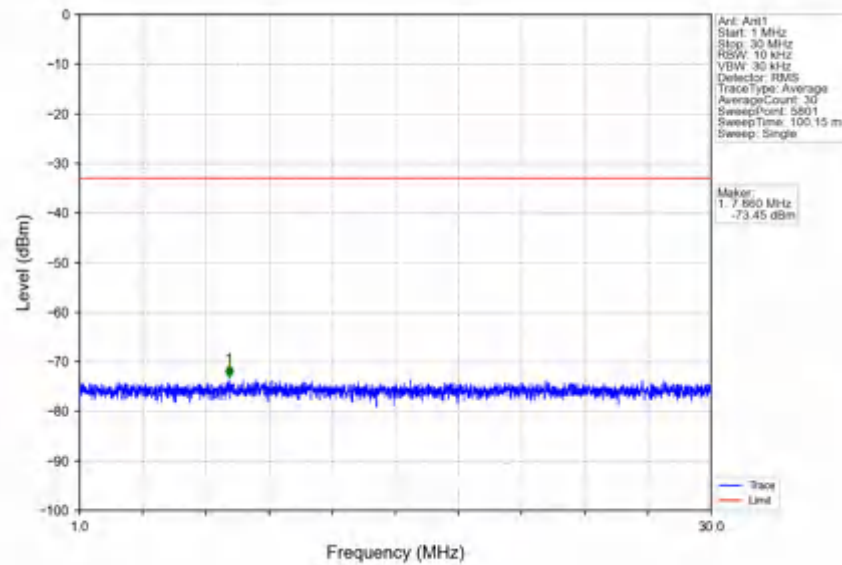


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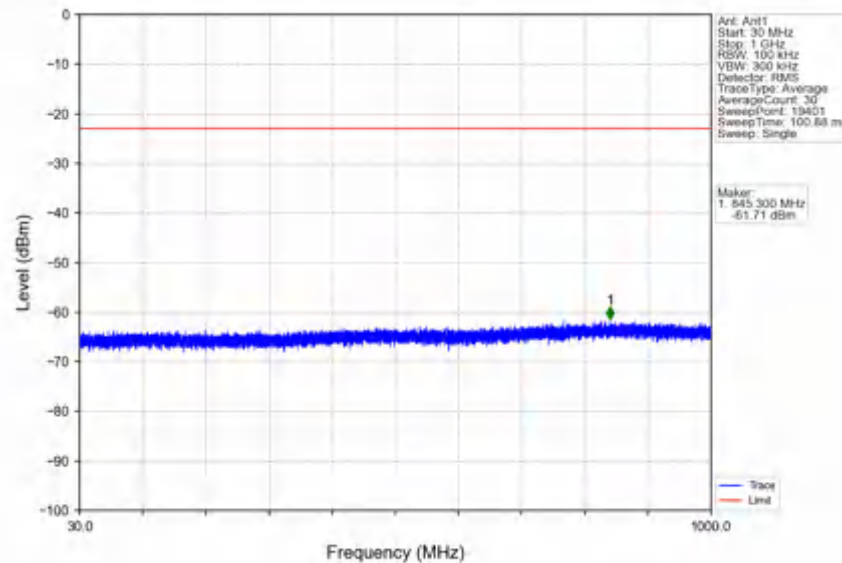
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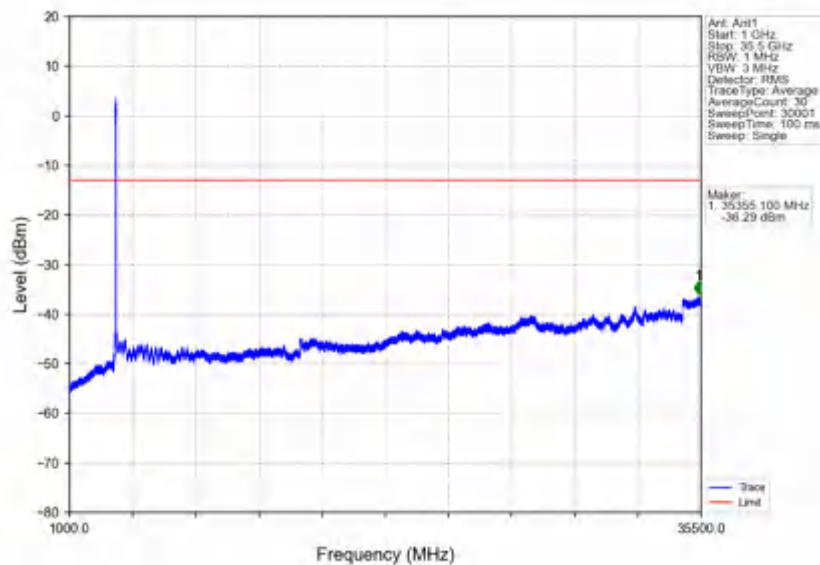


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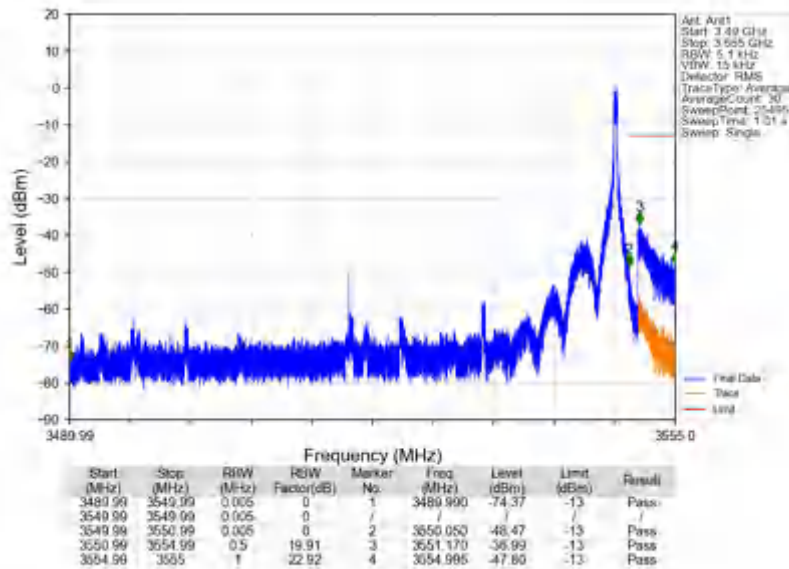
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n78e_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3519.99MHz_Outer_Full



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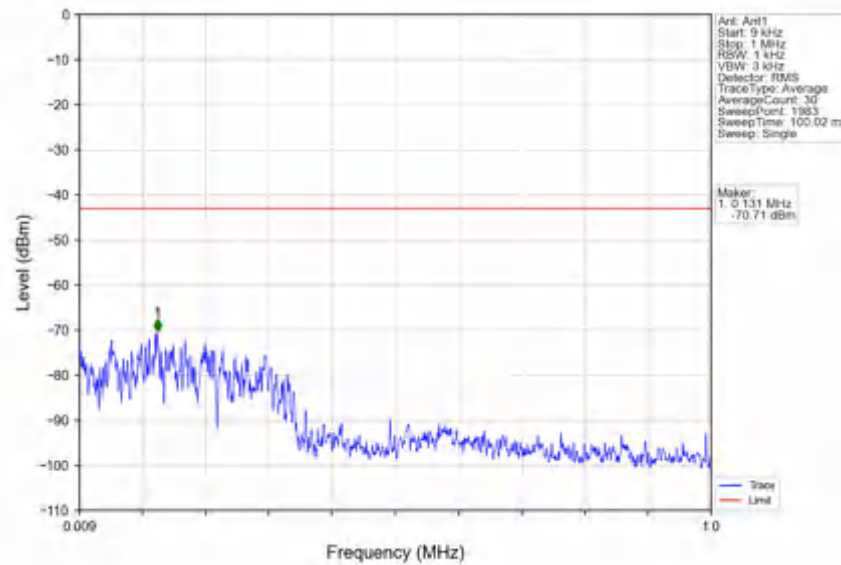


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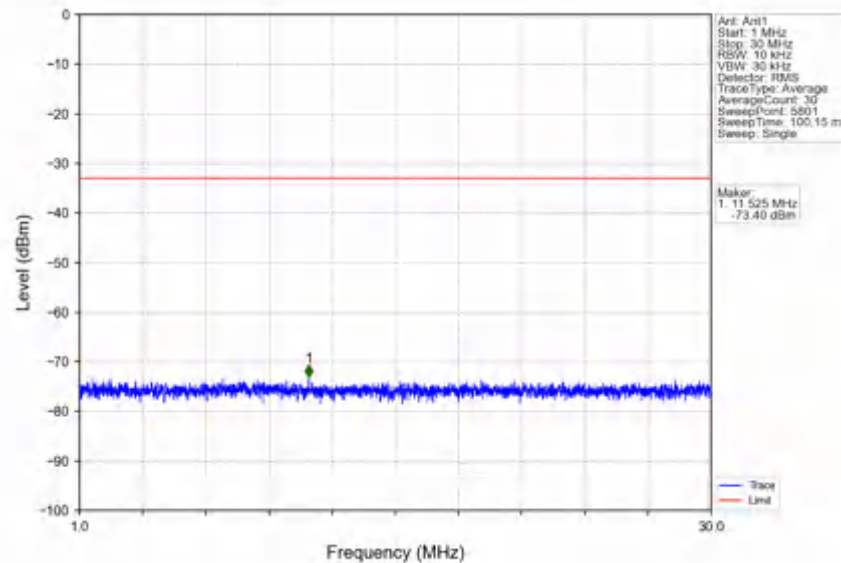
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n78e_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3519.99MHz_Inner_1RB_Right



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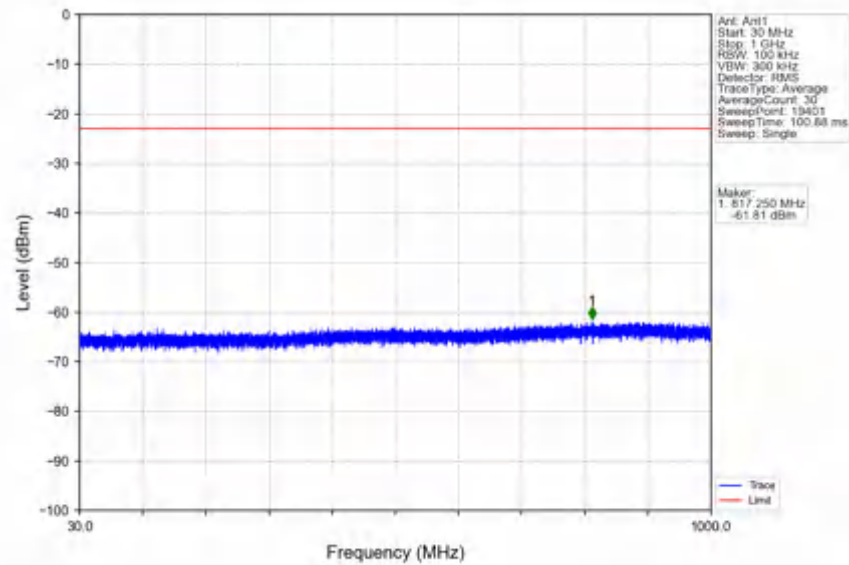


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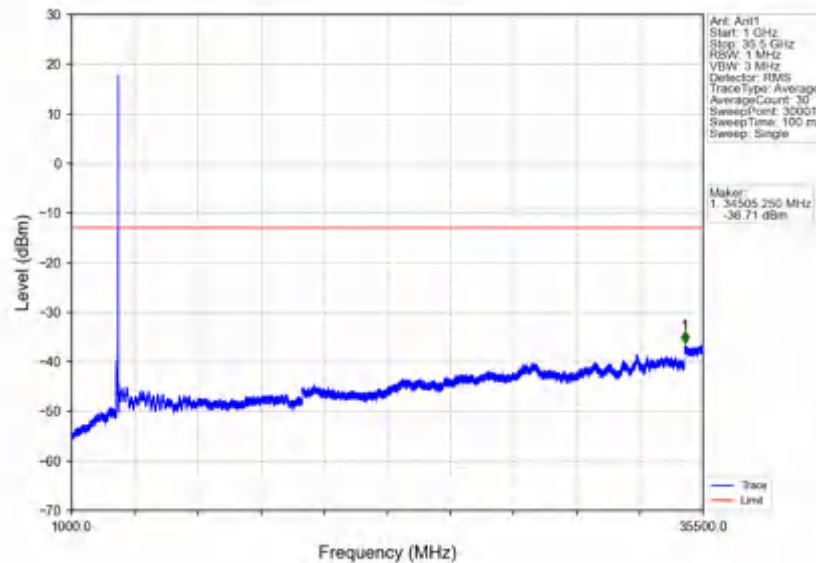
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n78e_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_3519.99MHz_Inner_1RB_Right



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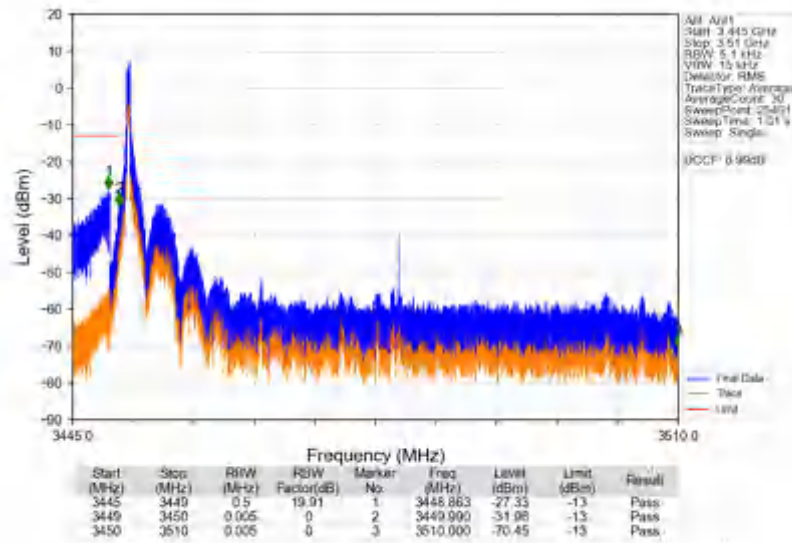


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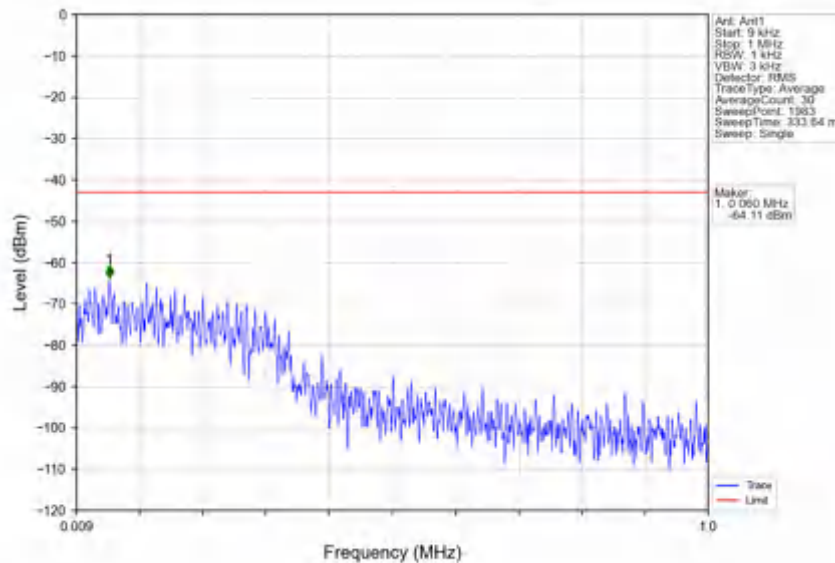
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0512 9611 0000 0512 9611 0000
0512 9611 0000 0512 9611 0000

n78e_30kHz_SISO_NTV_60MHz_CP-OFDM_QPSK_3480MHz_Edge_1RB_Left



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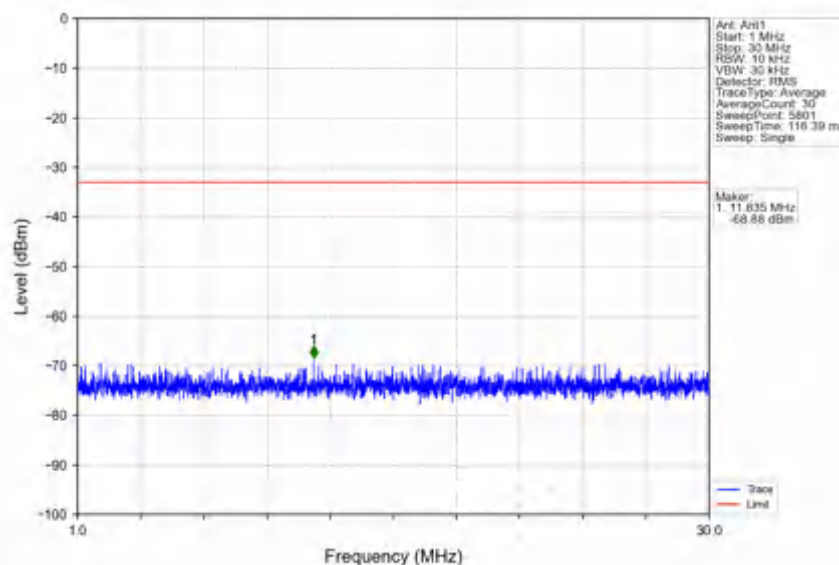


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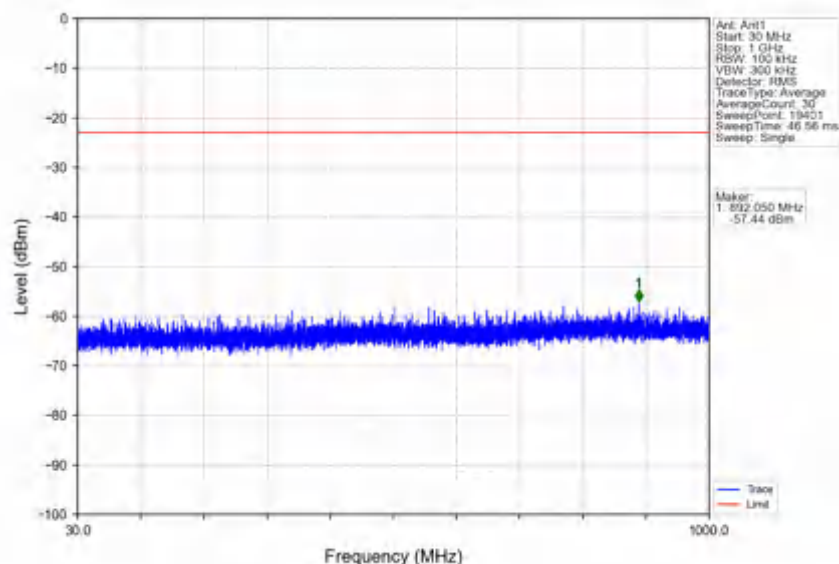
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n78e_30kHz_SISO_NTV_60MHz_CP-OFDM_QPSK_3480MHz_Edge_1RB_Left



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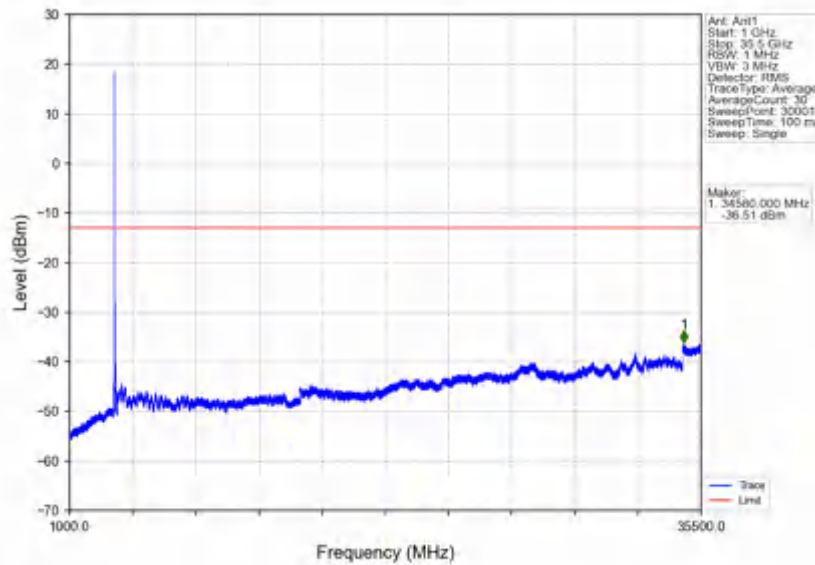


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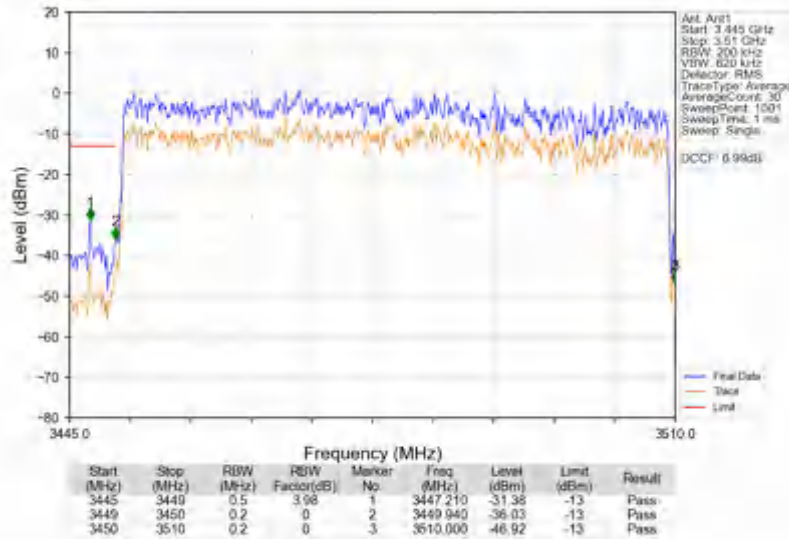
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n78e_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK_3480MHz_Edge_1RB_Left



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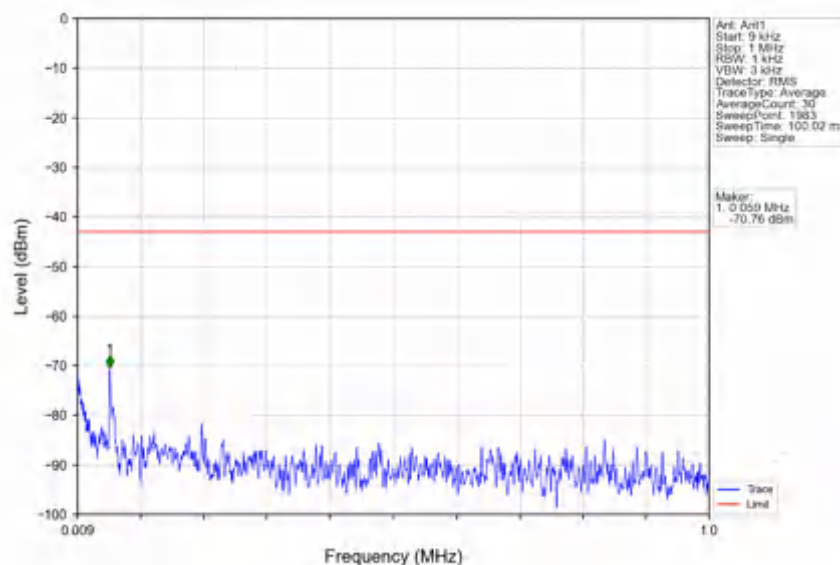


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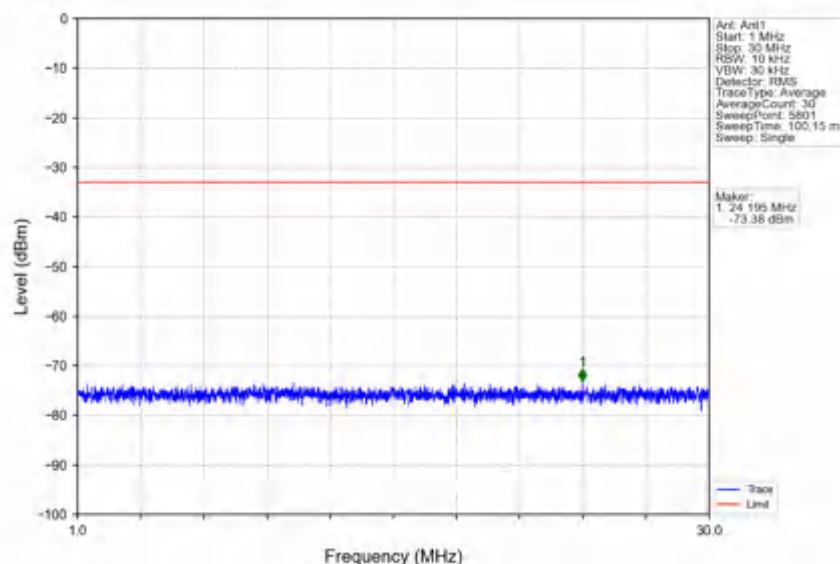
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n78e_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3480MHz_Outer_Full



n78e_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3480MHz_Outer_Full



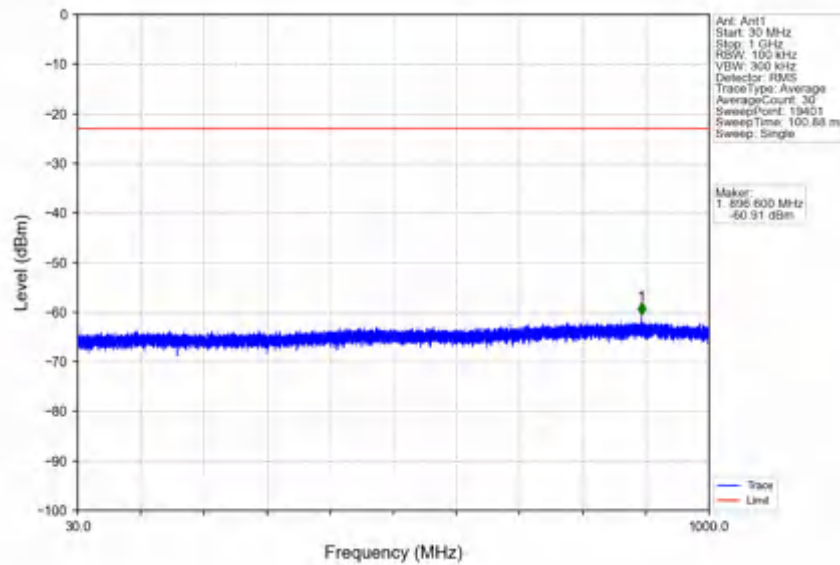
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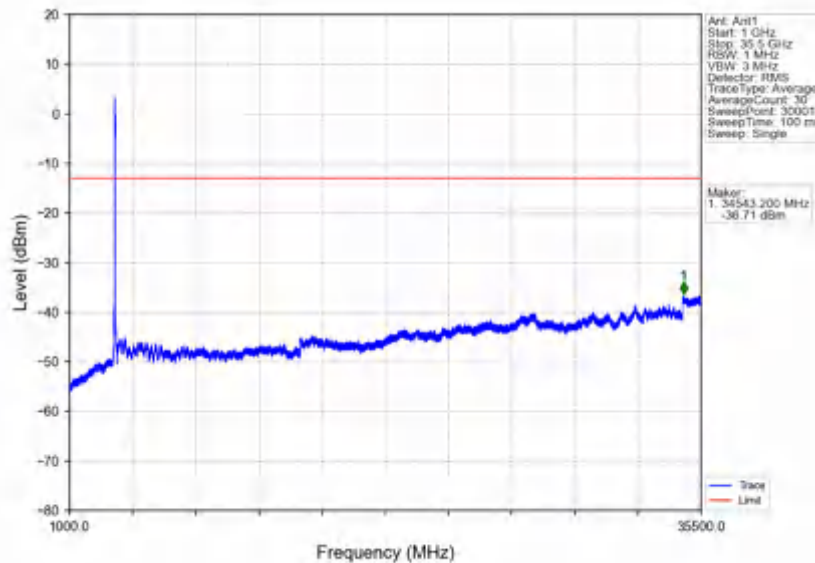
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056-512573200 056-512727614 sgs@sgsgroup.com



n78e_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3480MHz_Outer_Full



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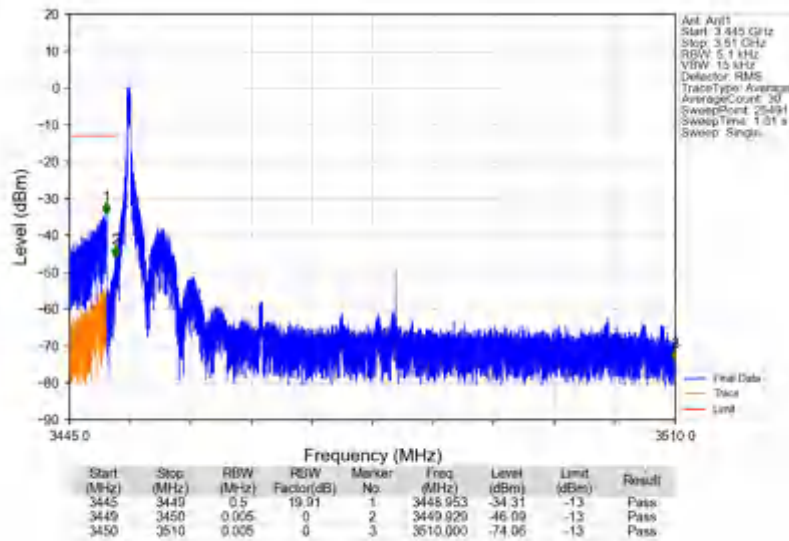


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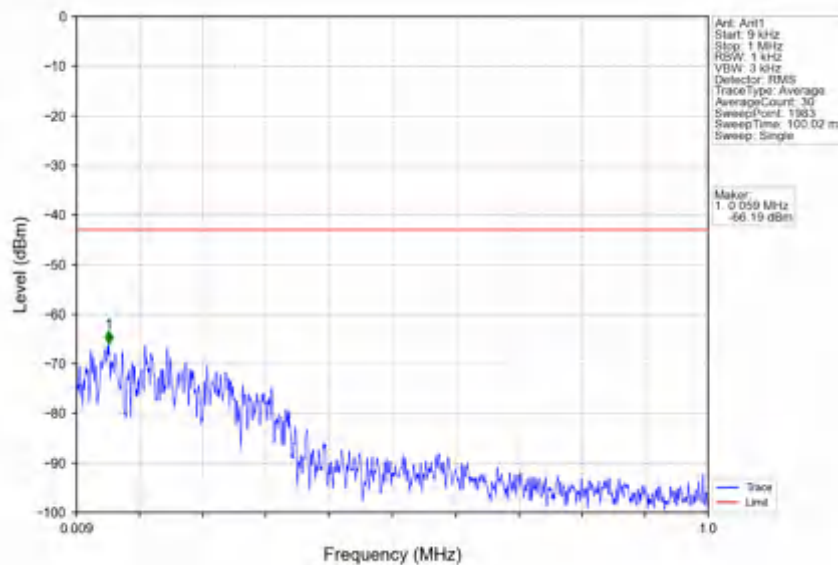
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n78e_30kHz_SISO_NTV_60MHz_CP-OFDM QPSK_3480MHz_Inner_1RB_Left



n78e_30kHz_SISO_NTV_60MHz_CP-OFDM QPSK_3480MHz_Inner_1RB_Left



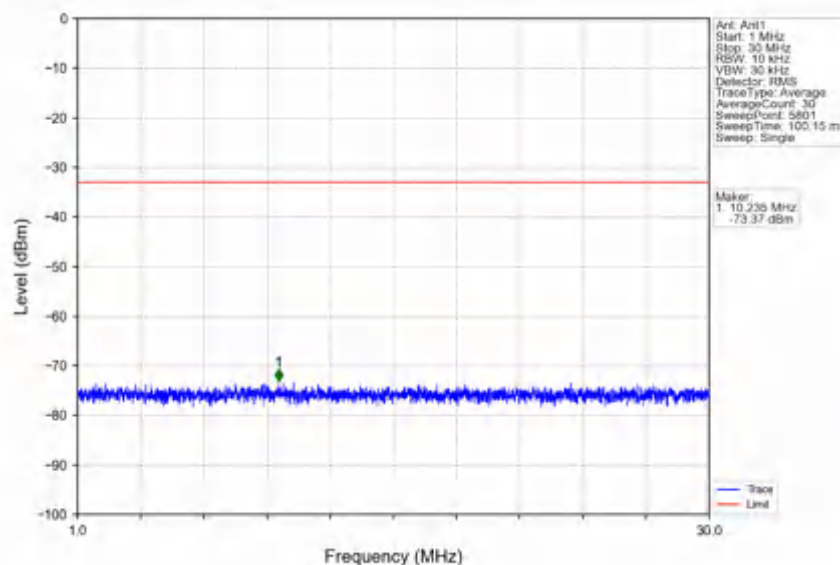
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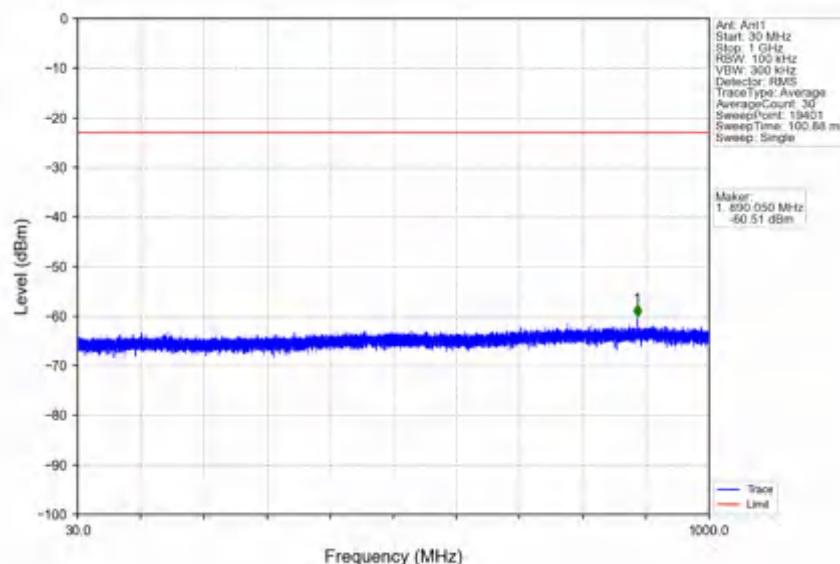
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n78e_30kHz_SISO_NTV_60MHz_CP-OFDM QPSK_3480MHz_Inner_1RB_Left



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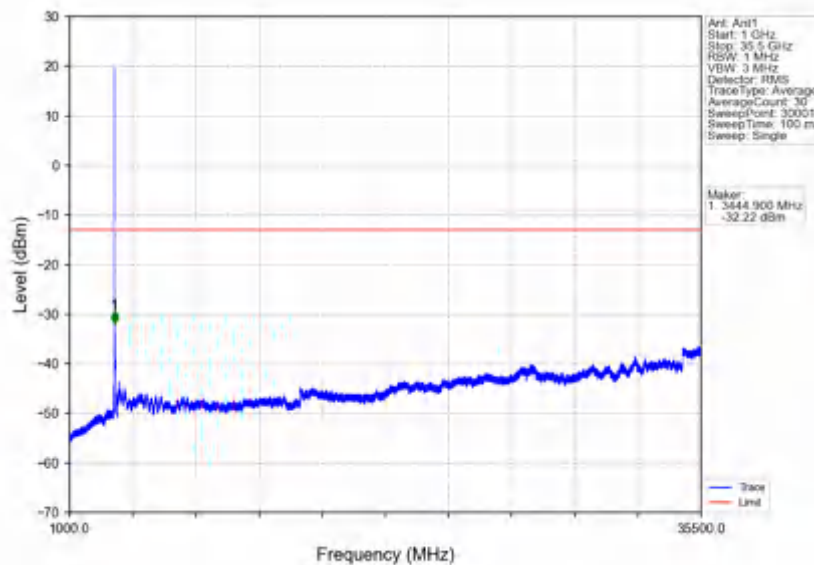


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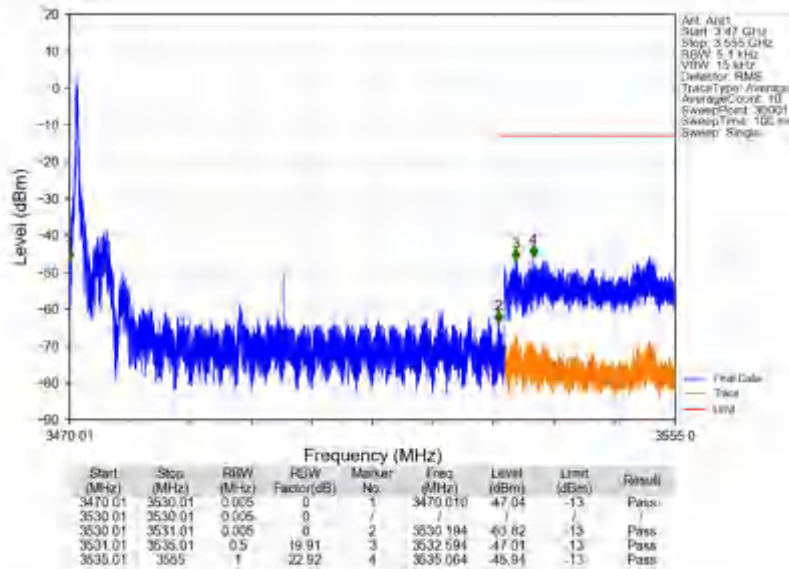
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n78e_30kHz_SISO_NTV_60MHz_CP-OFDM QPSK_3500.01MHz_Edge_1RB_Left

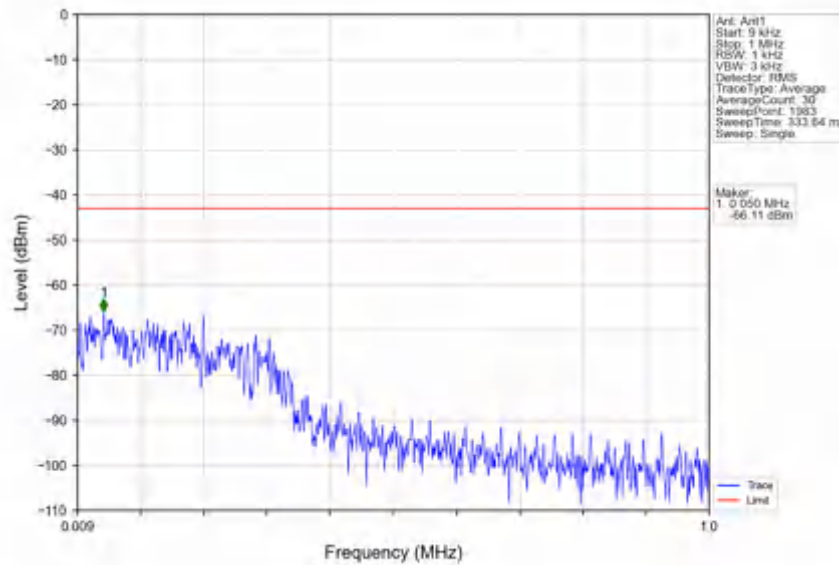


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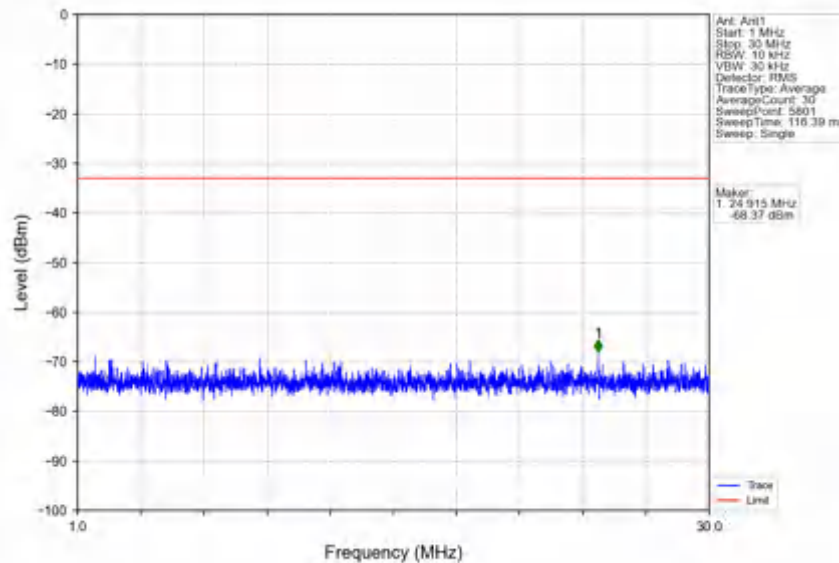
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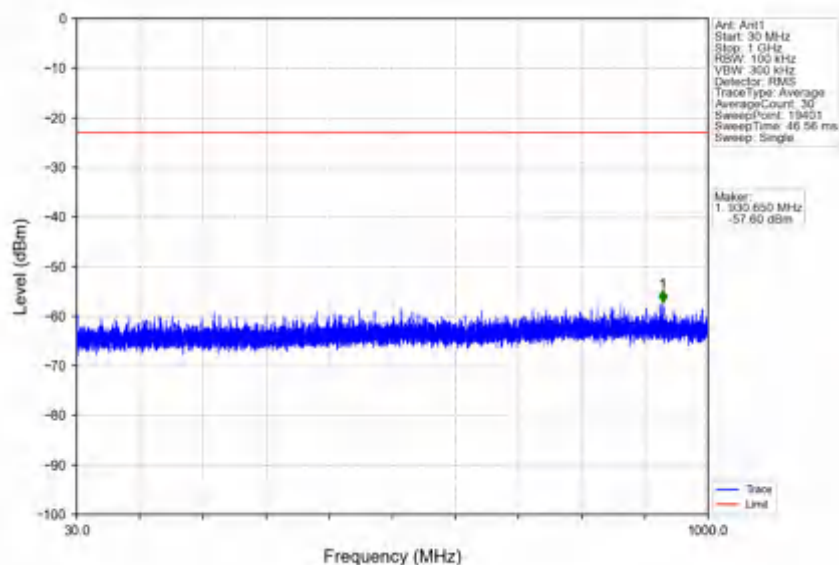


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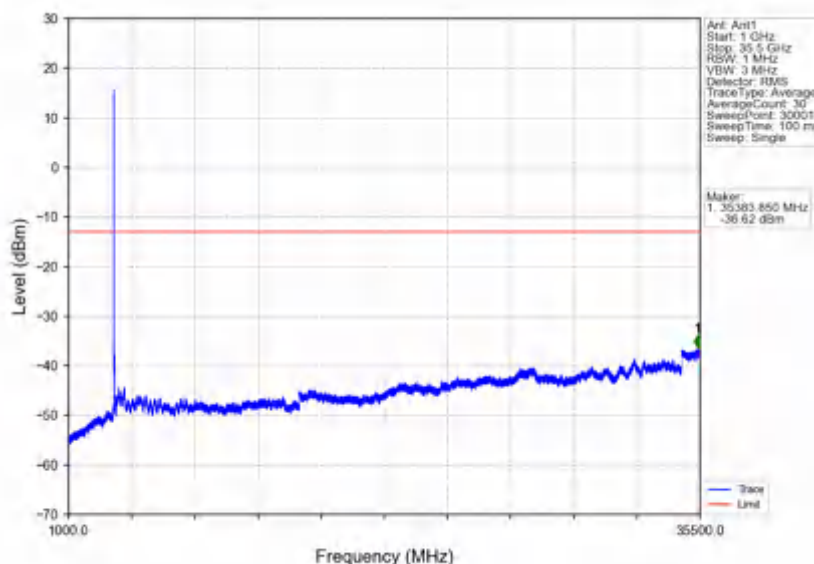
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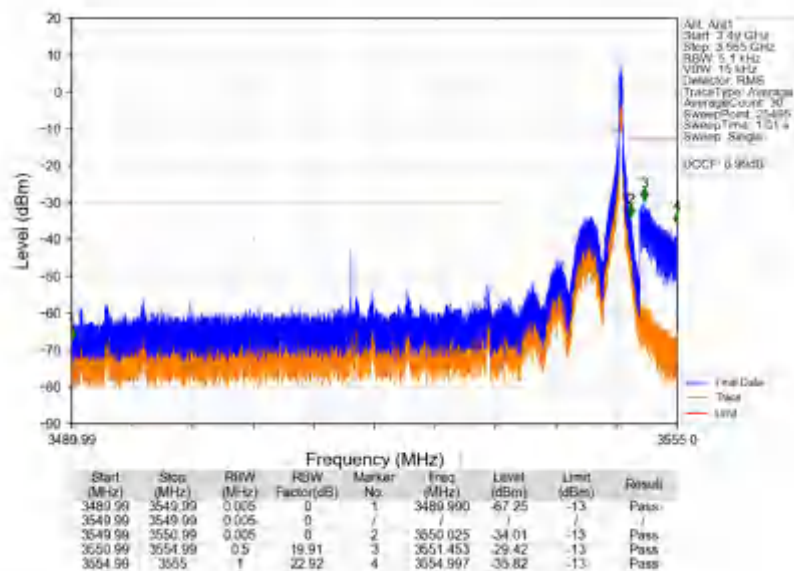


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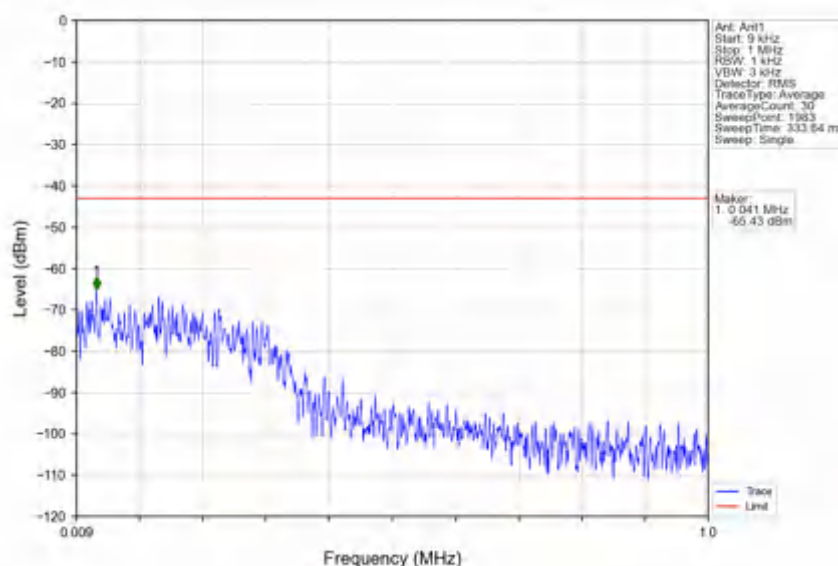
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n78e	30kHz	SISO	NTNV	60MHz	CP-OFDM	QPSK	3519.99MHz	Edge	1RB	Right
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n78e	30kHz	SISO	NTNV	60MHz	CP-OFDM	QPSK	3519.99MHz	Edge	1RB	Right
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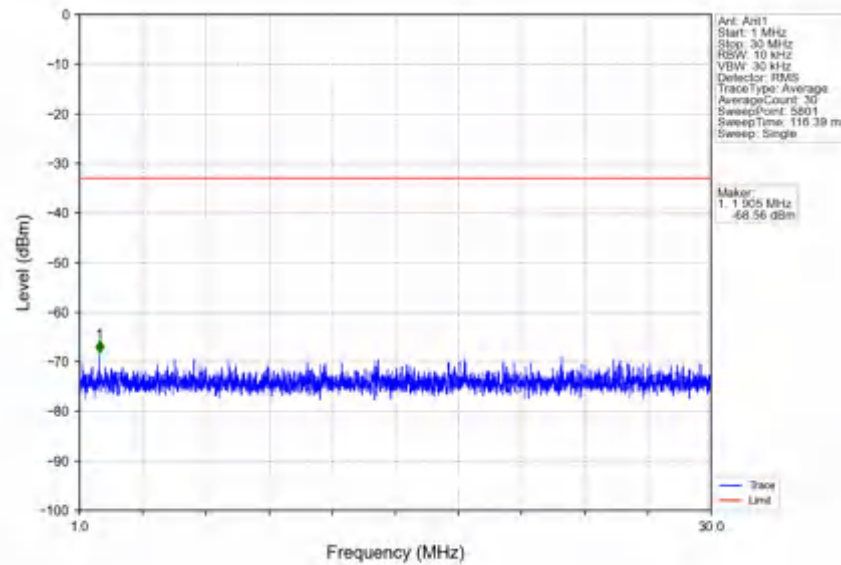
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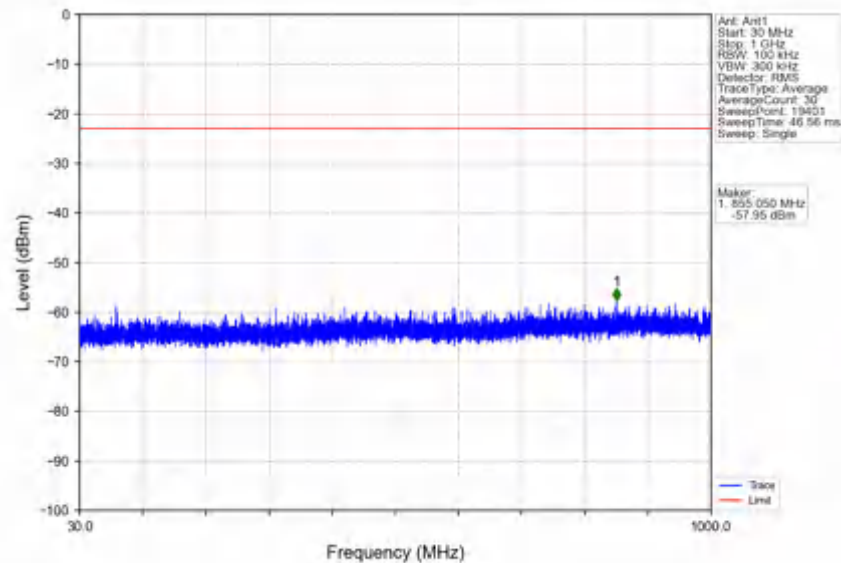
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n78e_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK_3519.99MHz_Edge_1RB_Right



n78e_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK_3519.99MHz_Edge_1RB_Right

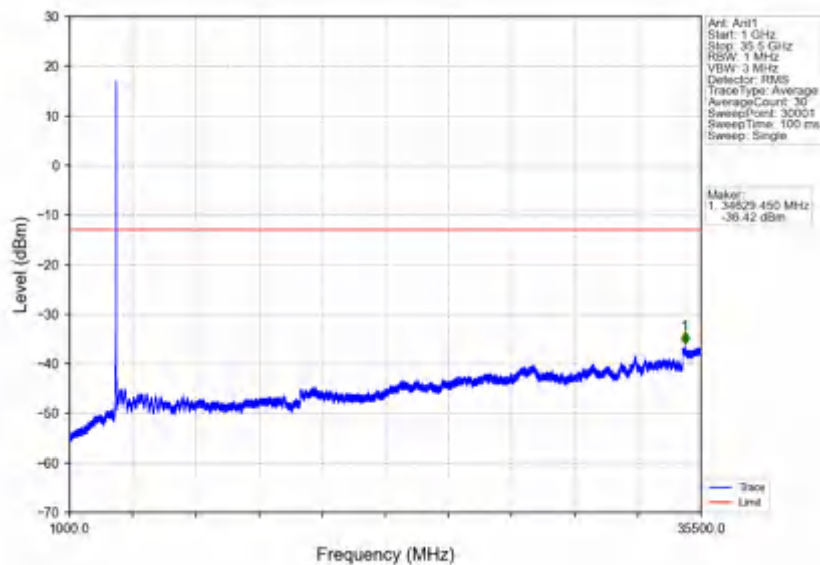


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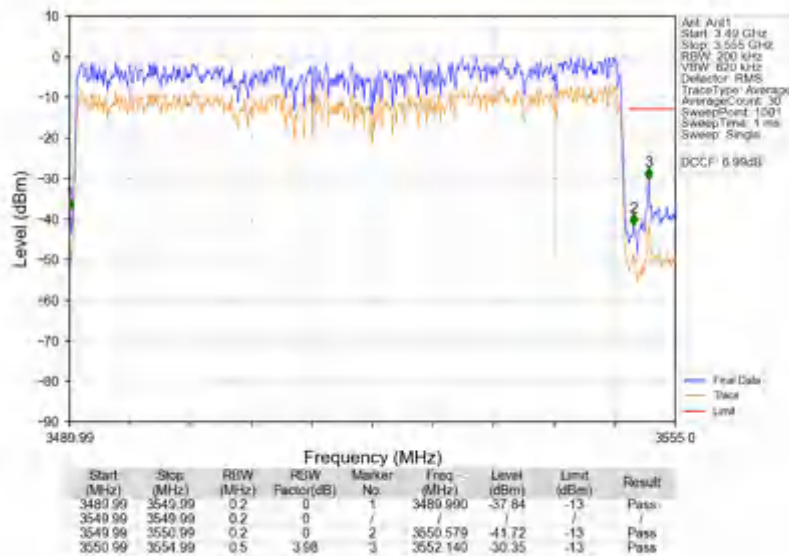
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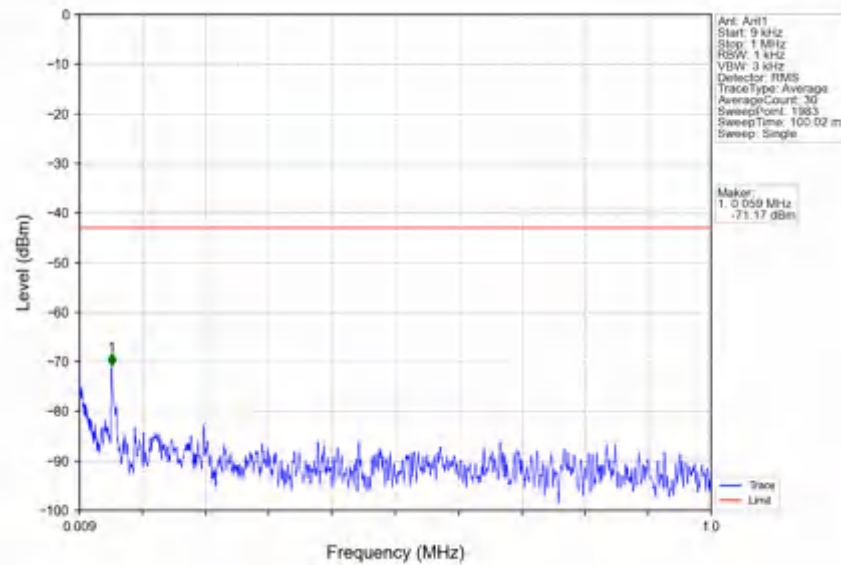


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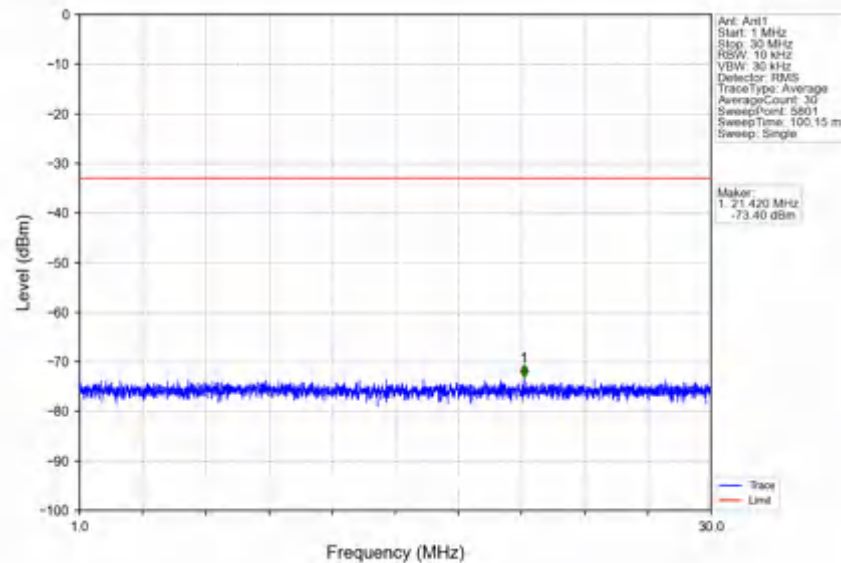
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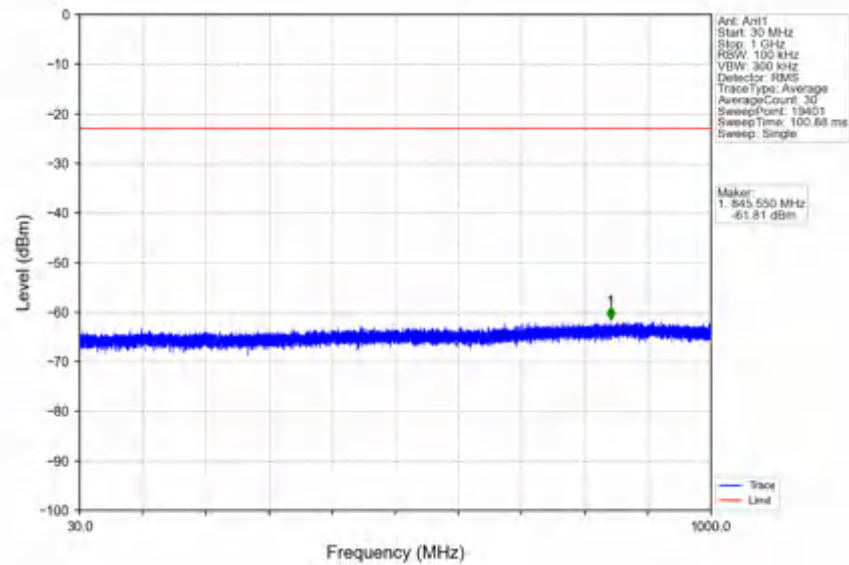


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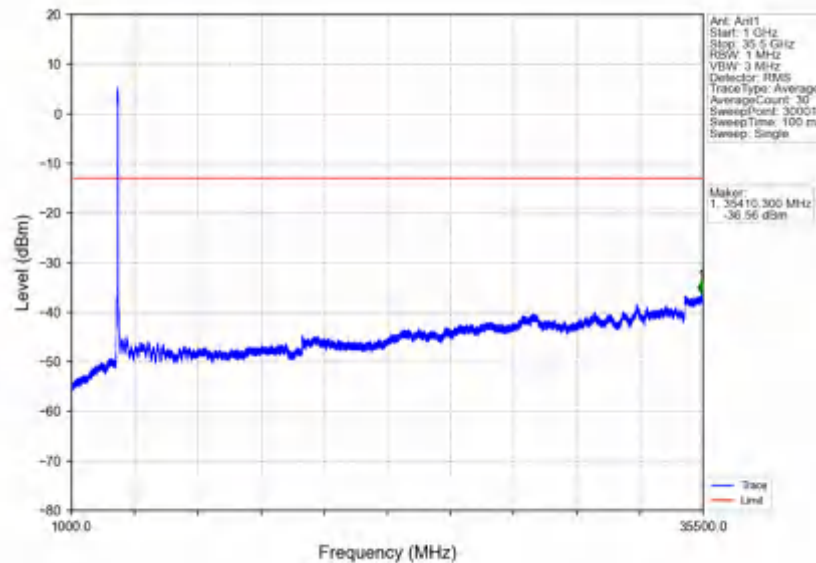
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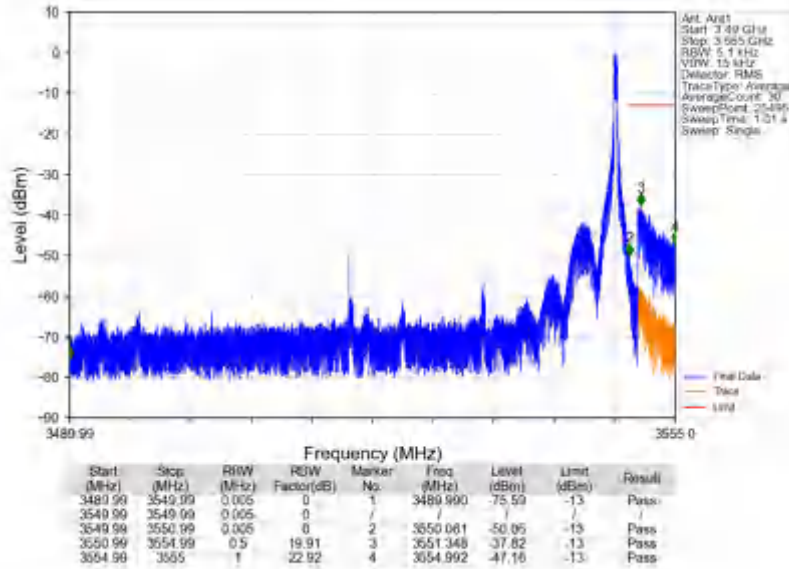


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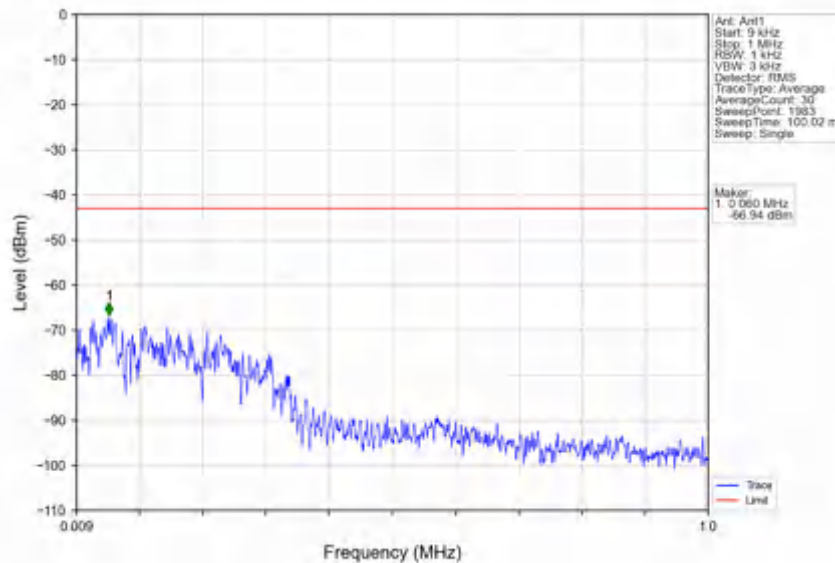
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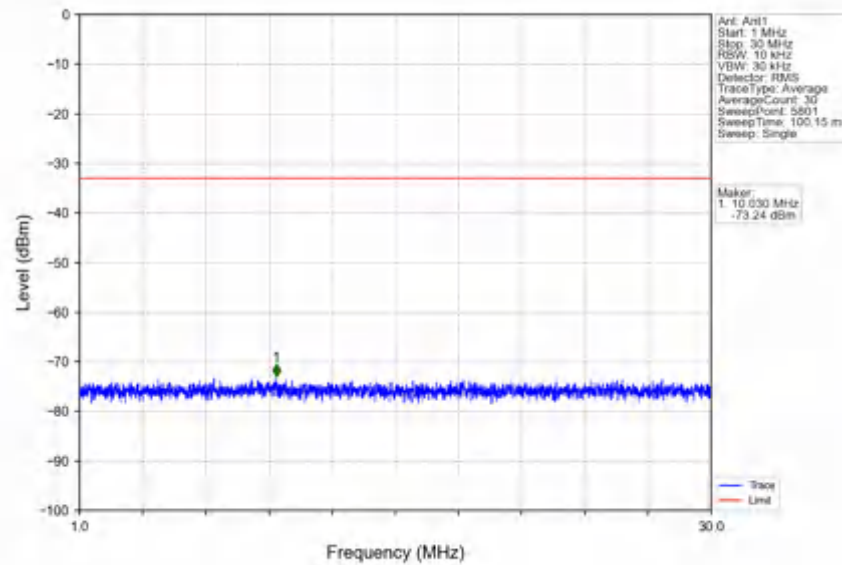


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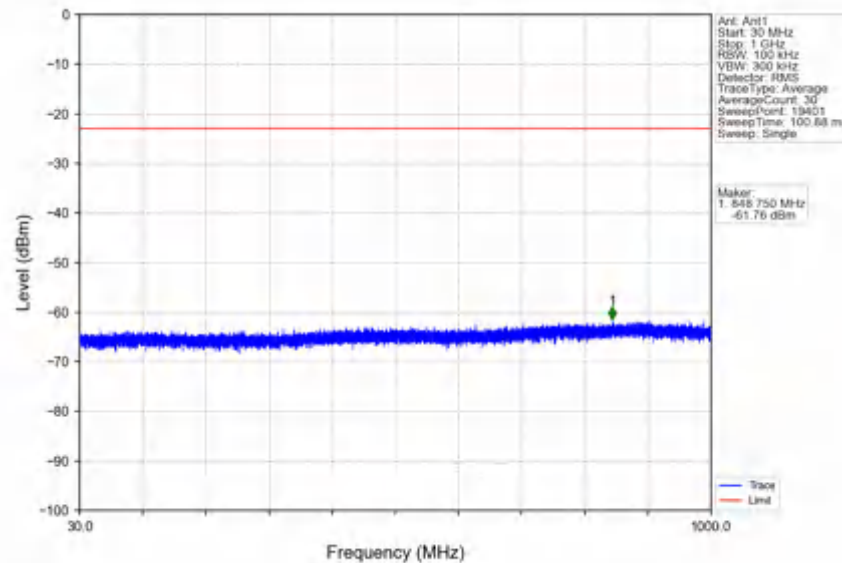
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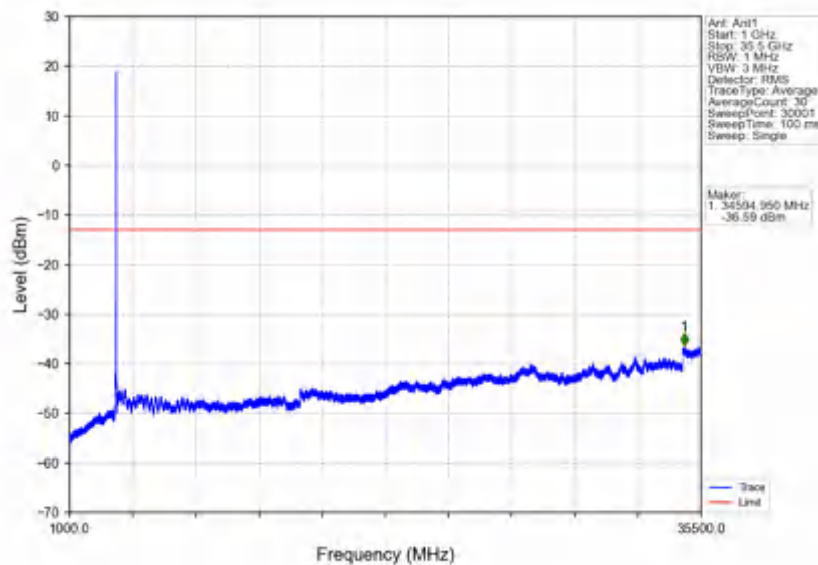


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9.16 30k_SISO_70MHz_NTNV

9.16.1 Test Result

5G NR n78e SCS=30kHz SISO 70MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	3485.01	Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
	3514.98	Edge 1RB Left	Refer To Test Graph			Pass
		Edge 1RB Right	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
DFT-s-OFDM QPSK	3485.01	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
		Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
CP-OFDM QPSK	3514.98	Edge 1RB Right	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass
	3485.01	Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
CP-OFDM QPSK	3500.01	Edge 1RB Left	Refer To Test Graph			Pass
		Edge 1RB Right	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
	3514.98	Outer Full	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass

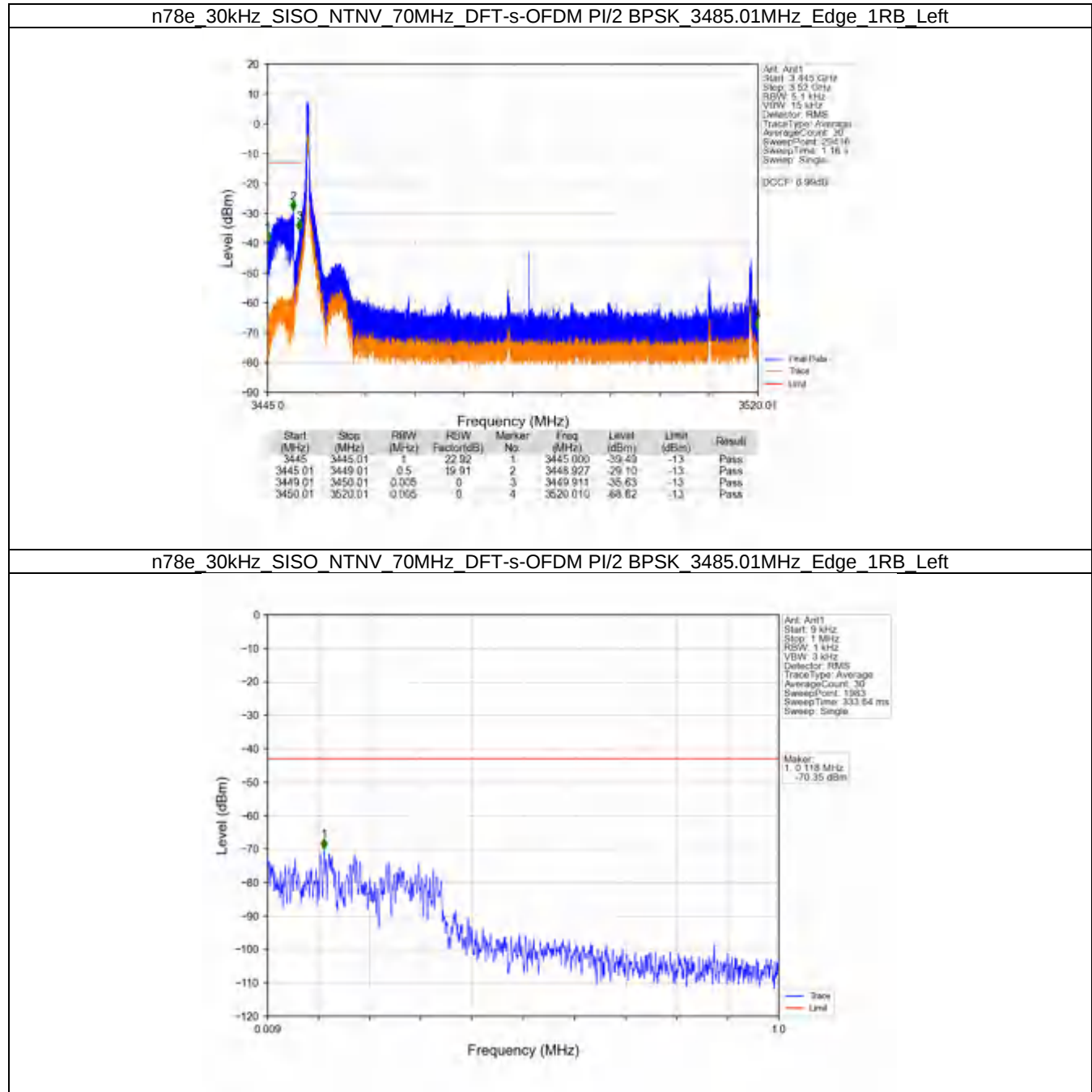


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9.16.2 Test Graph

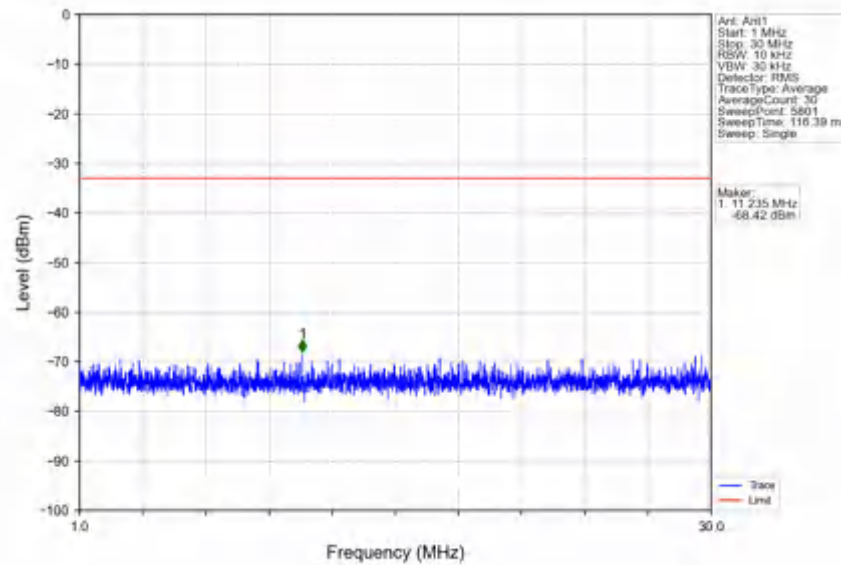


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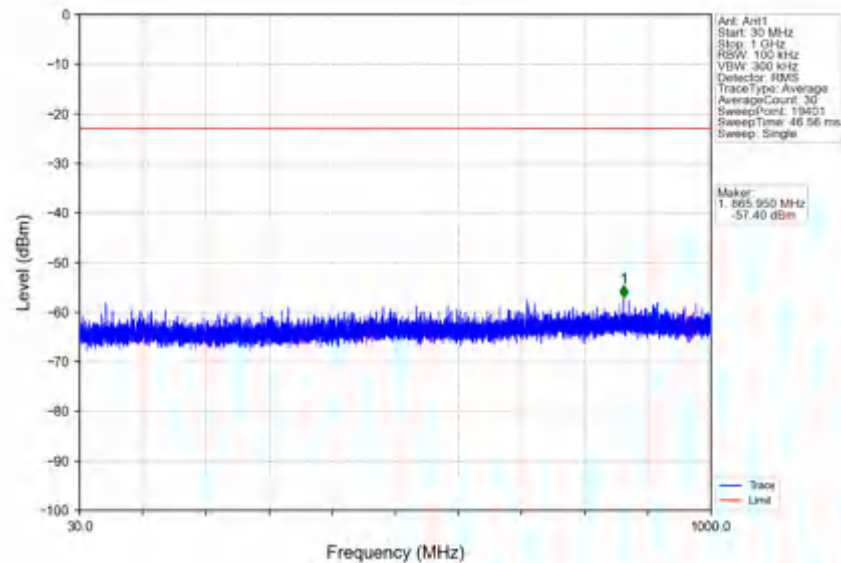
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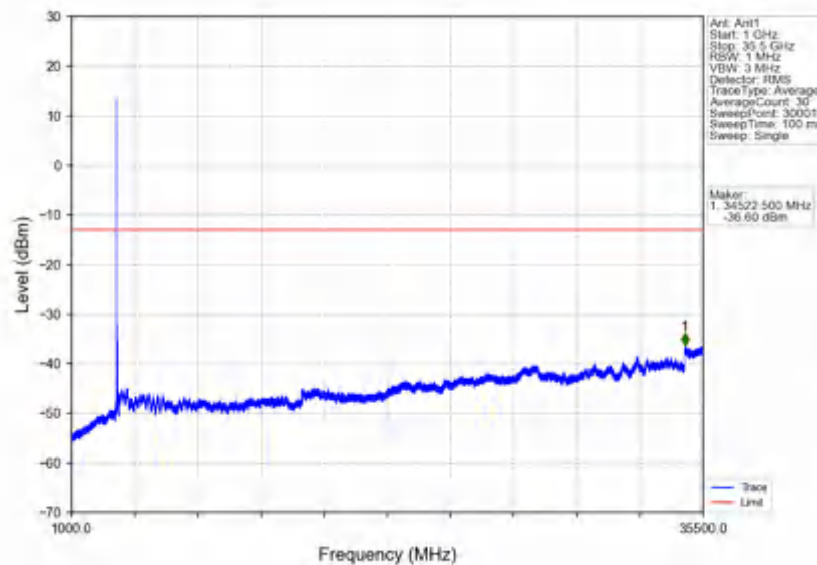


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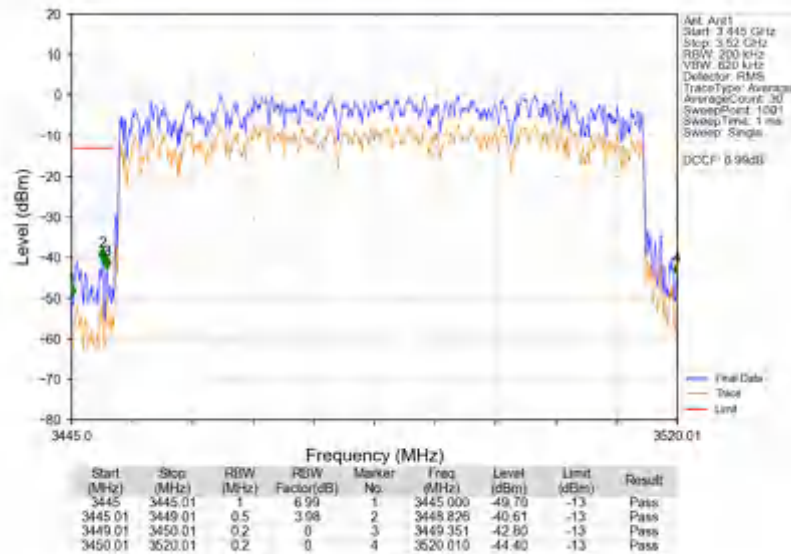
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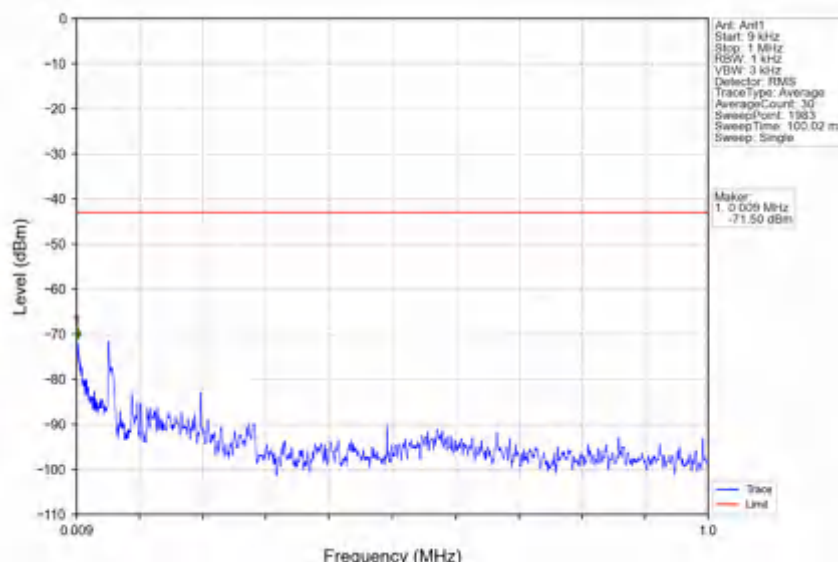


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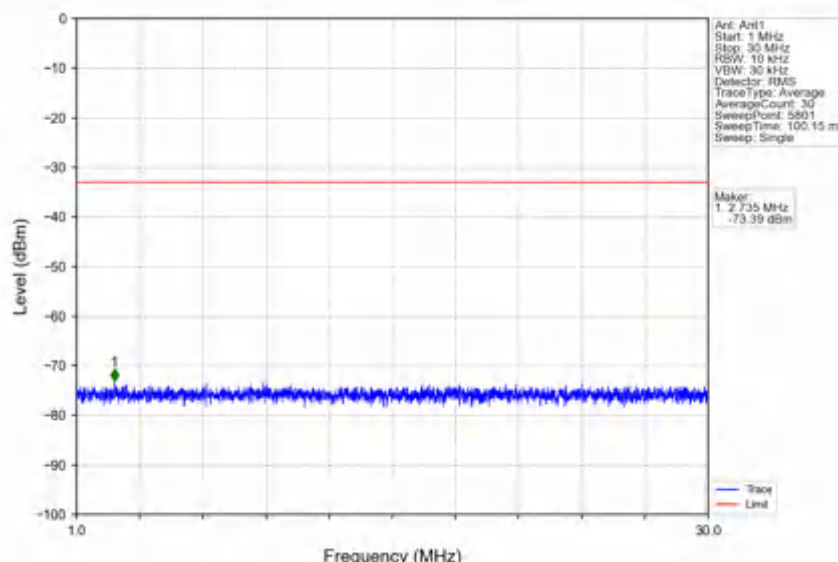
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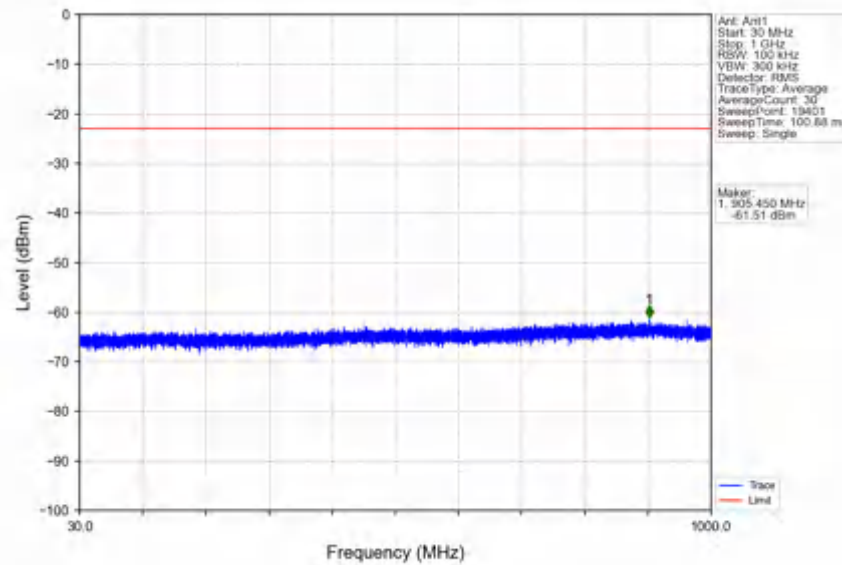


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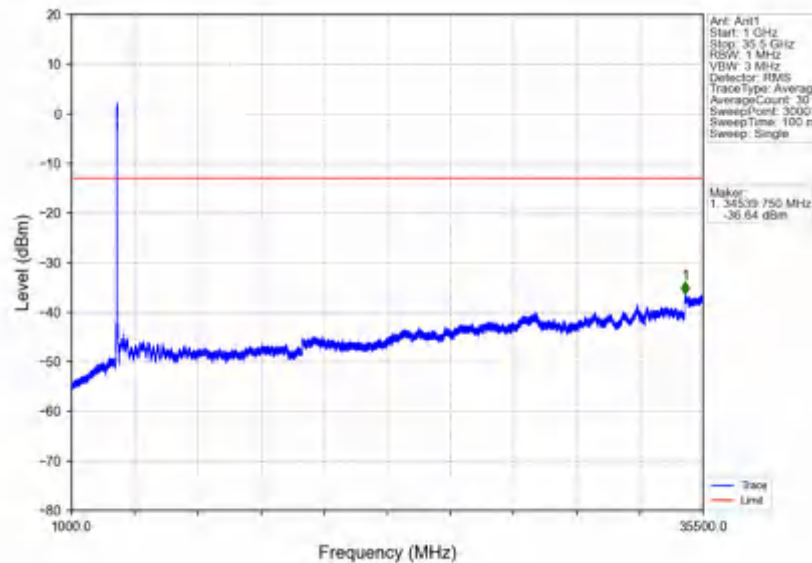
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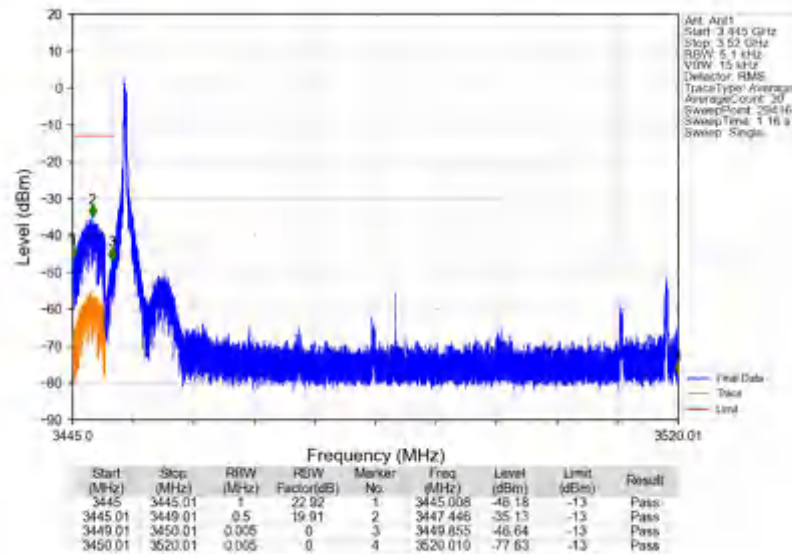


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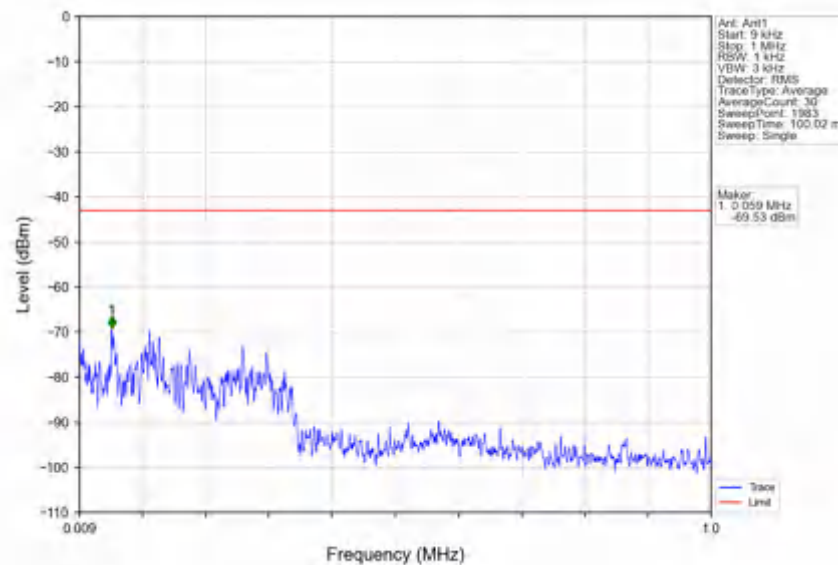
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n78e_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK_3485.01MHz_Inner_1RB_Left



n78e_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK_3485.01MHz_Inner_1RB_Left



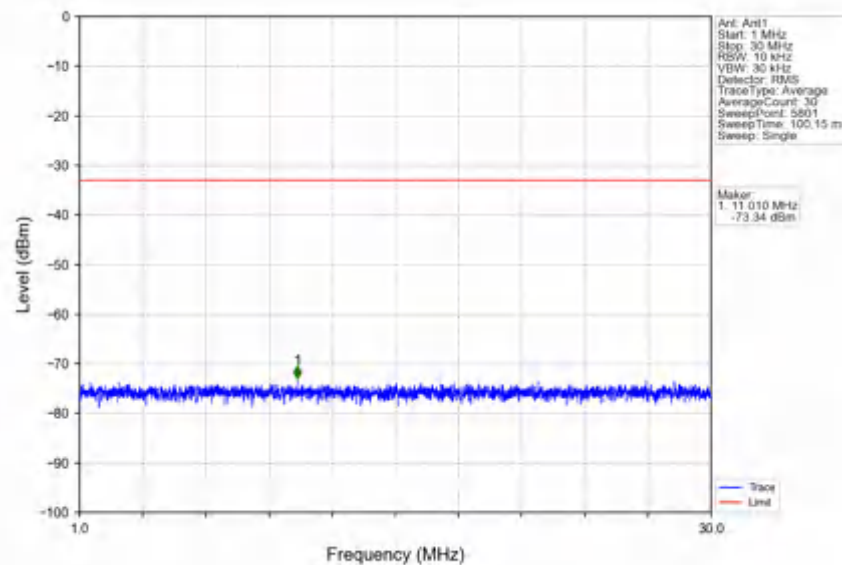
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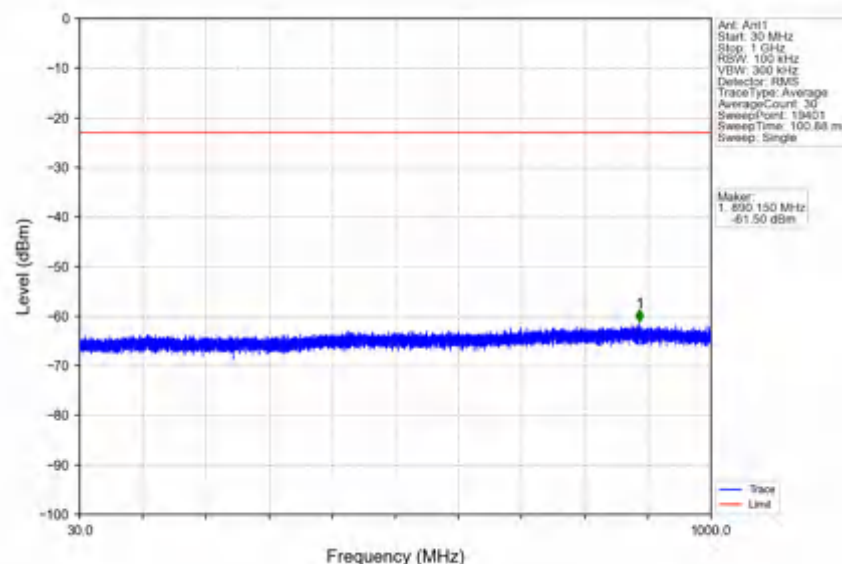
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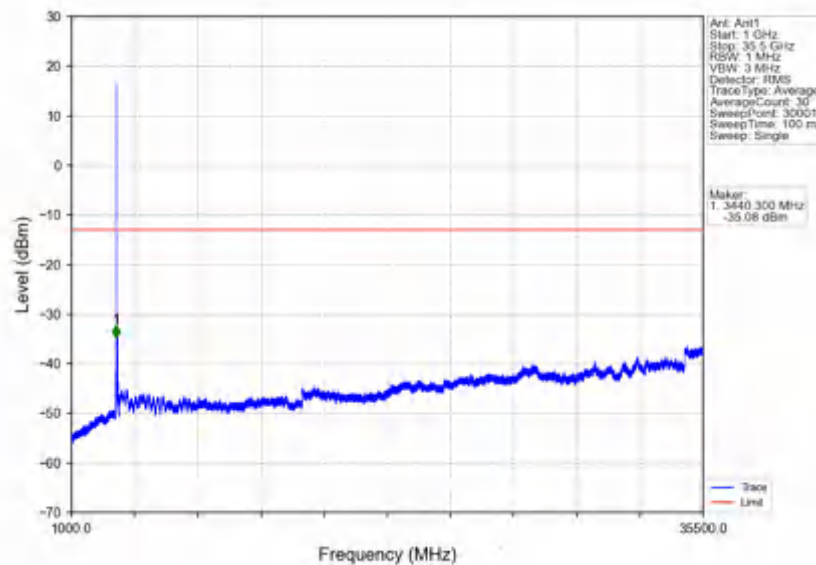


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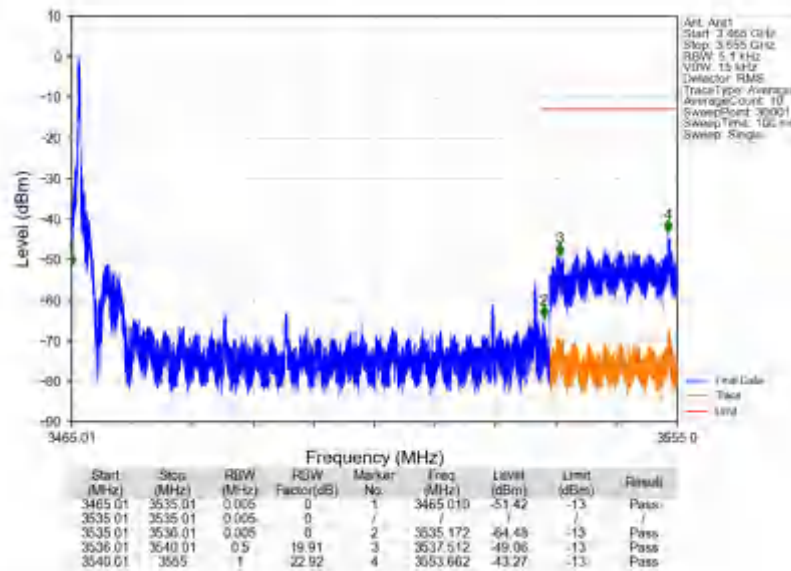
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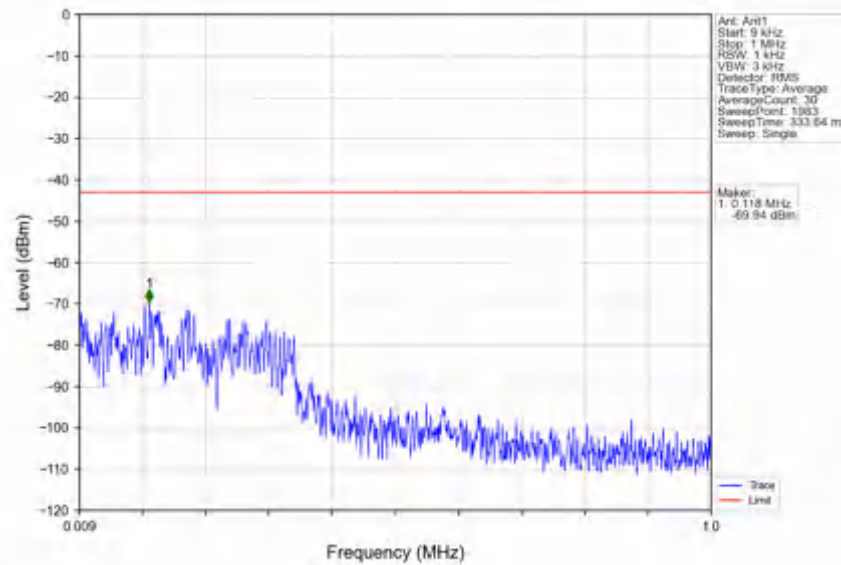


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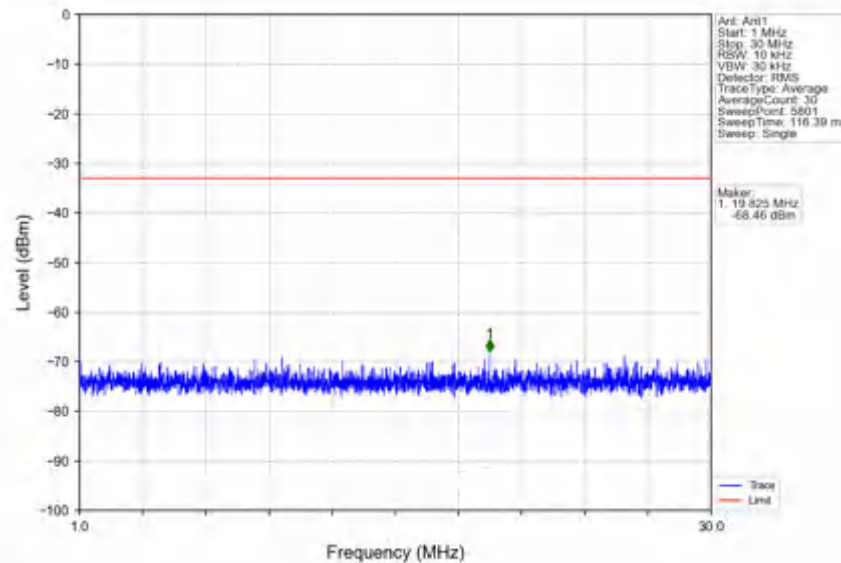
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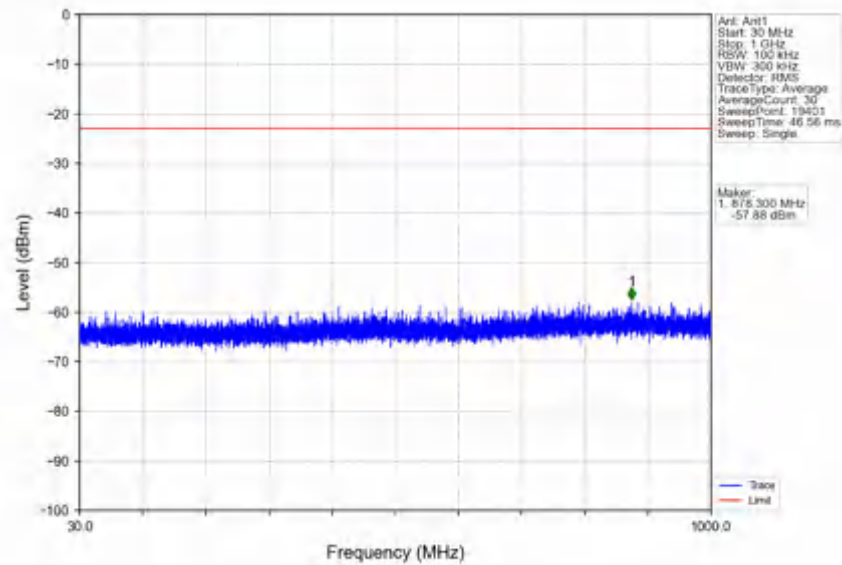


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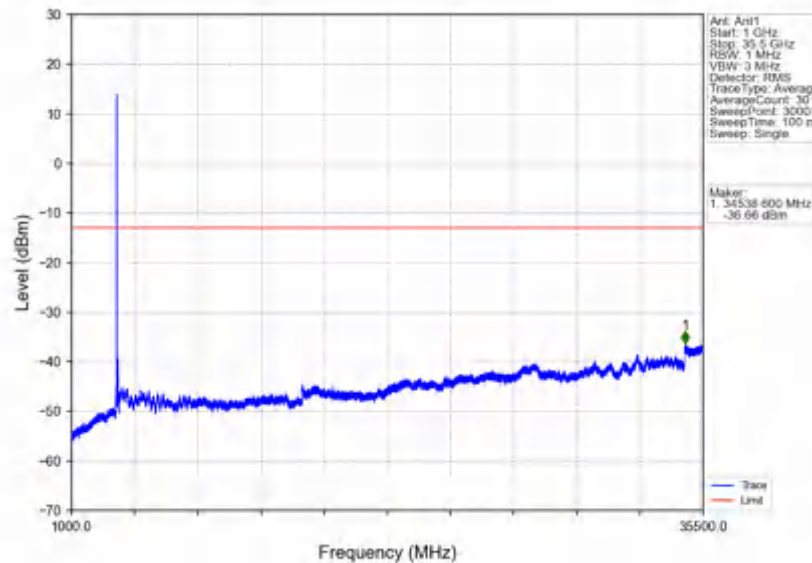
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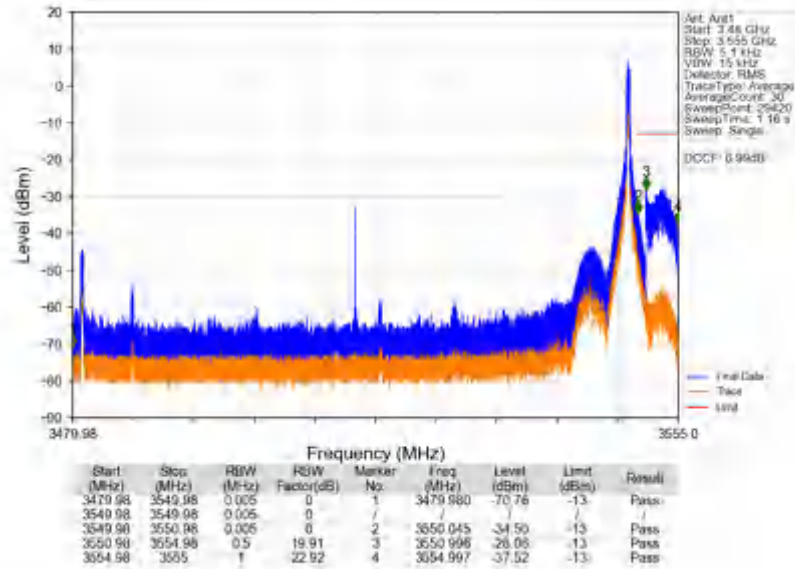


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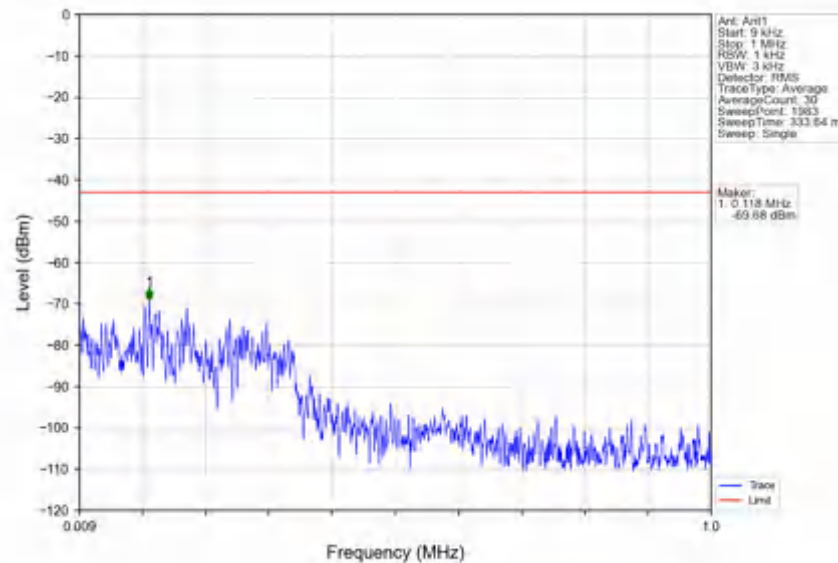
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n78e_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_PI/2_BPSK_3514.98MHz_Edge_1RB_Right

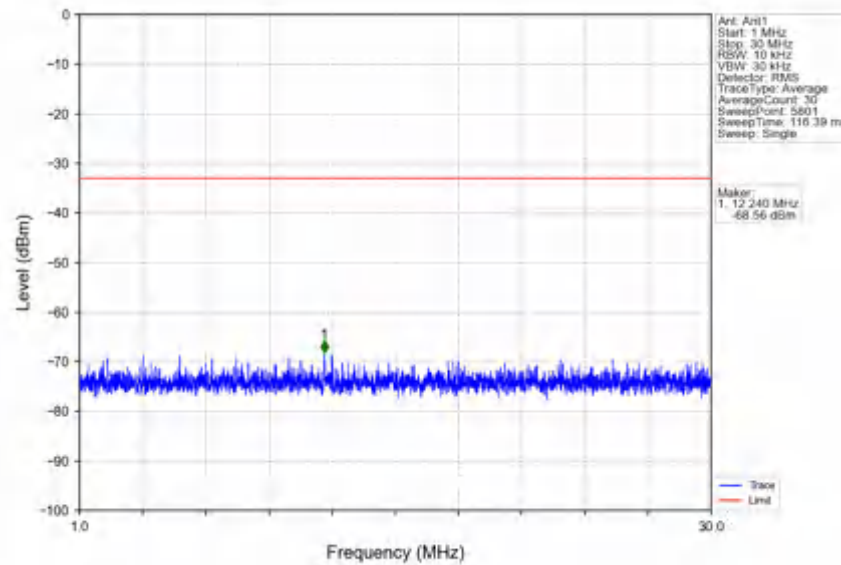


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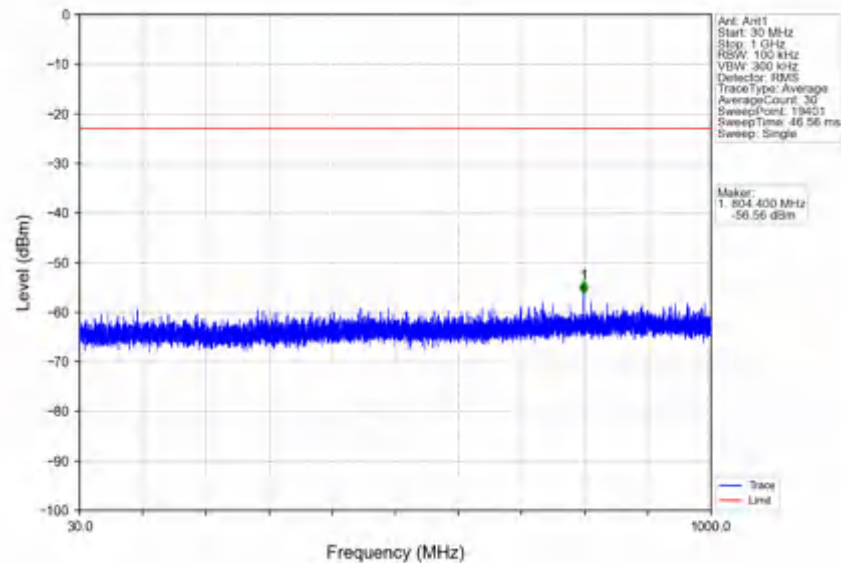
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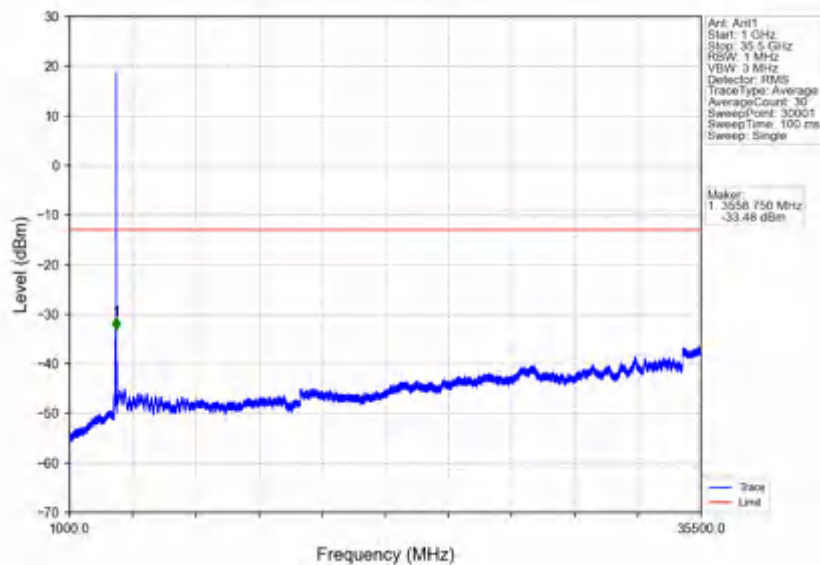


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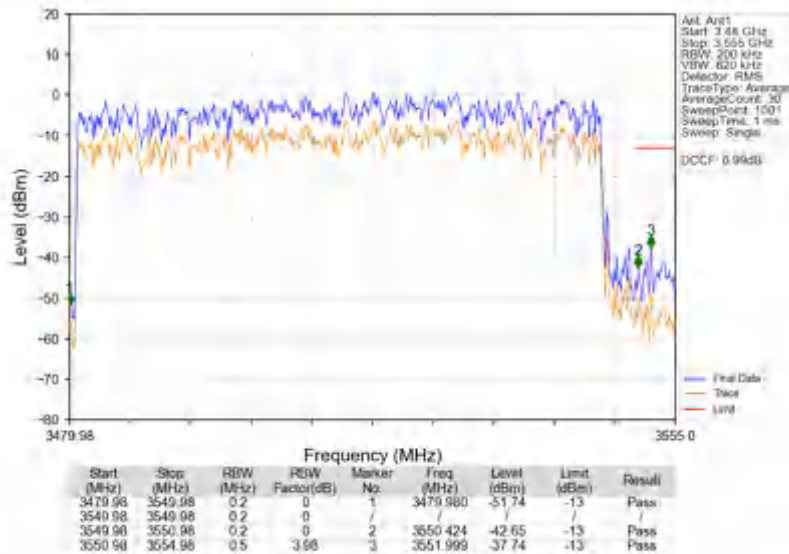
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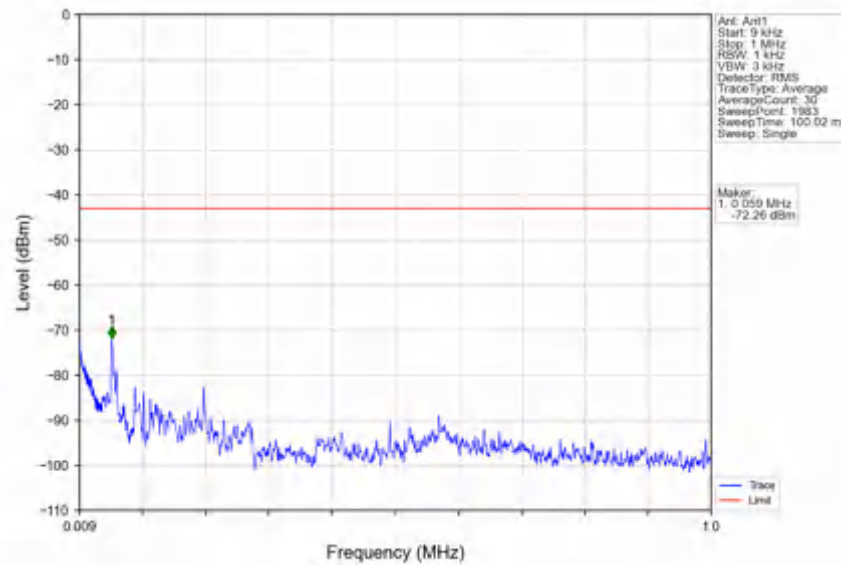


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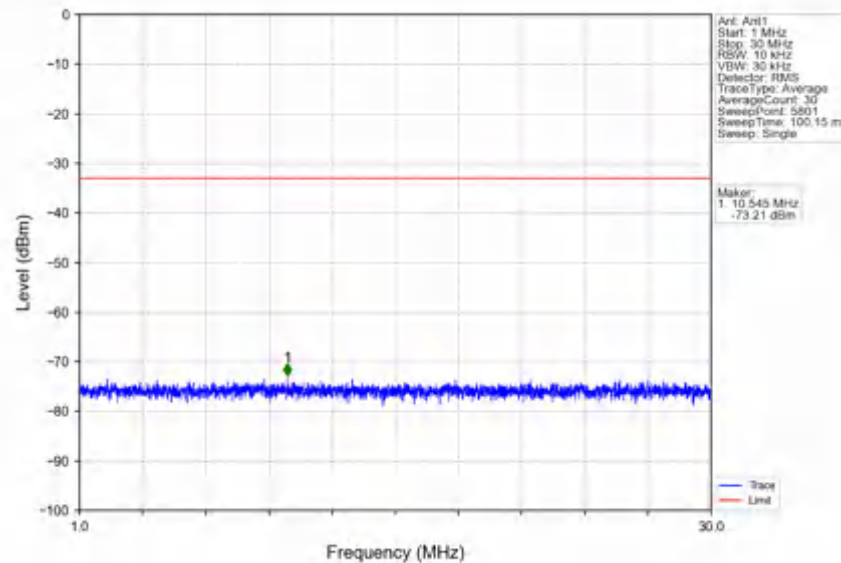
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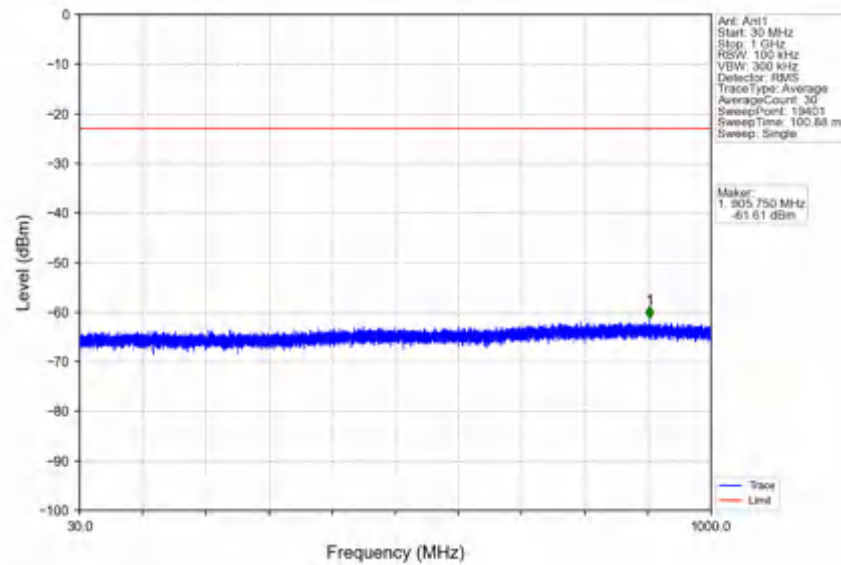
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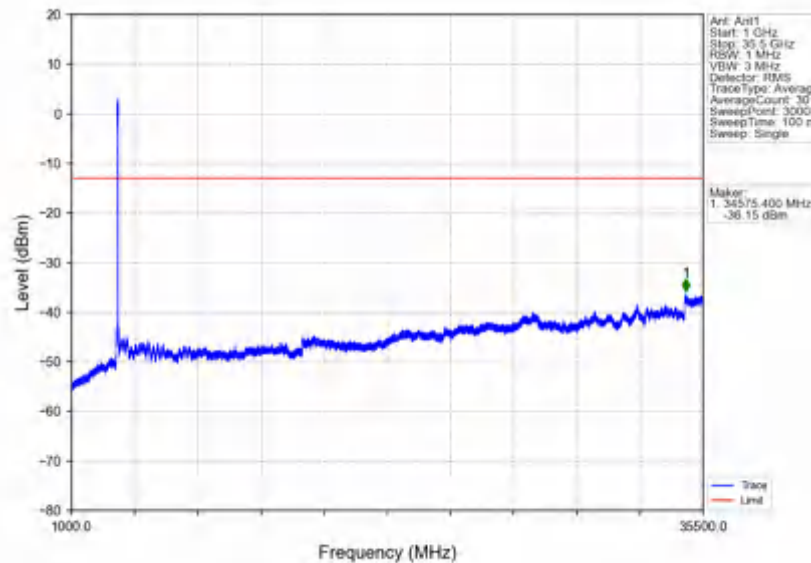
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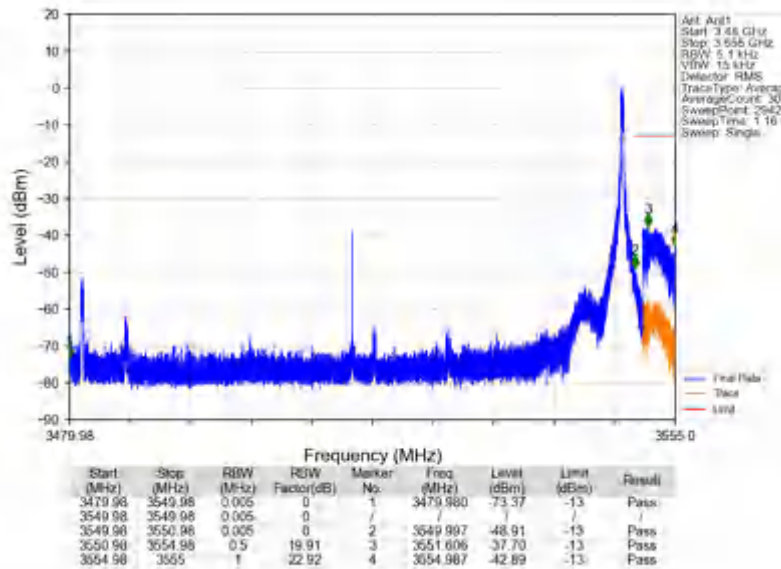


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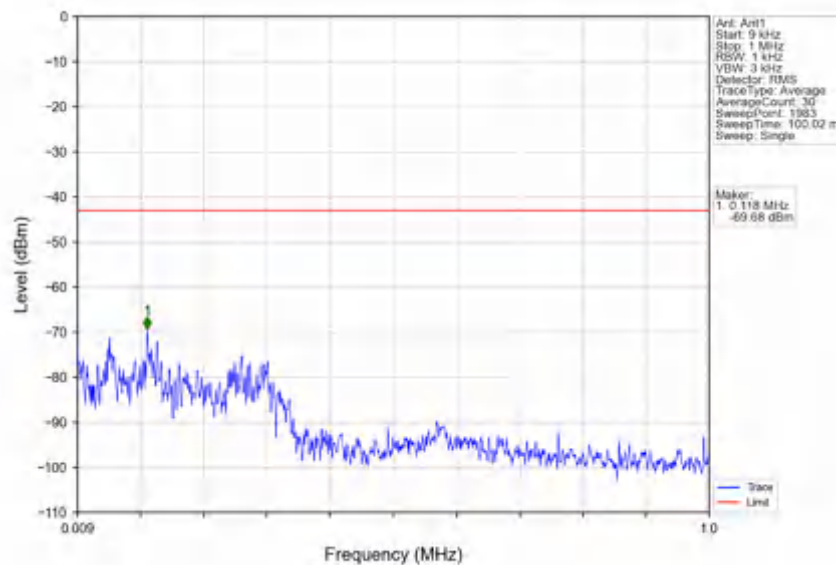
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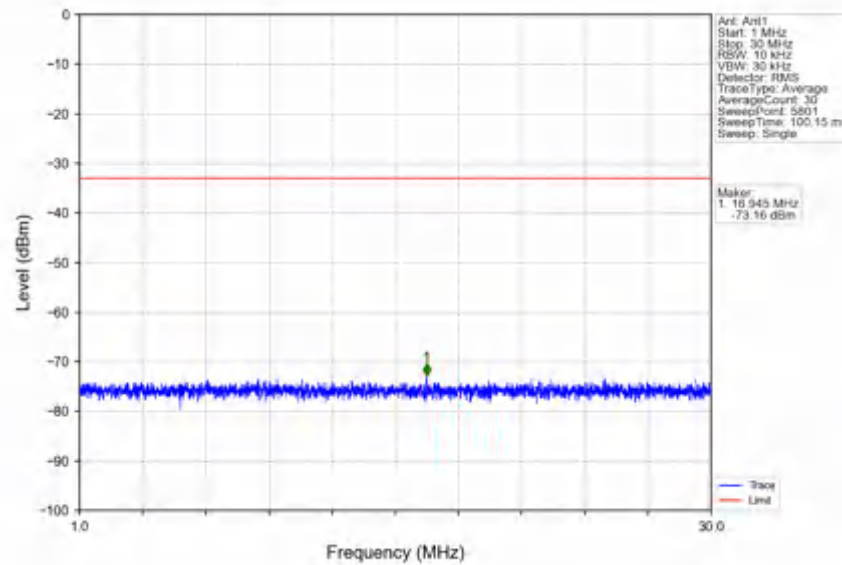
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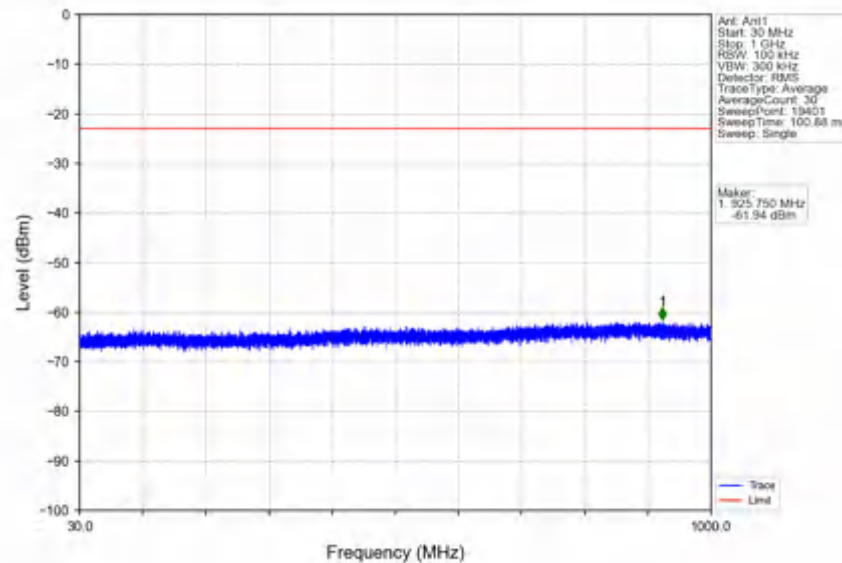
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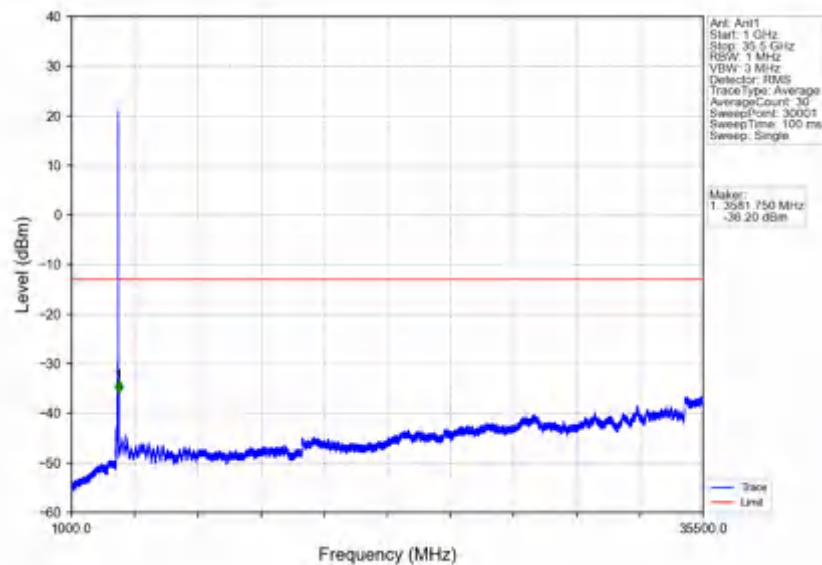


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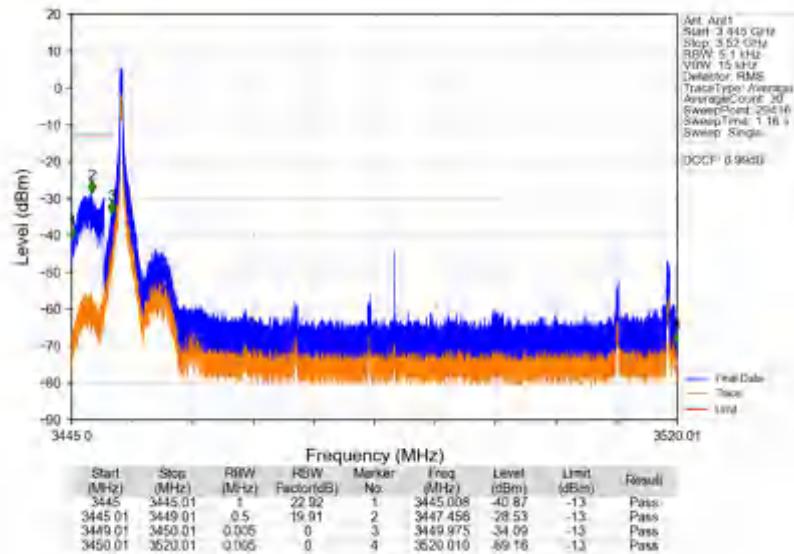
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n78e_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK_3514.98MHz_Inner_1RB_Right



n78e_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM QPSK_3485.01MHz_Edge_1RB_Left

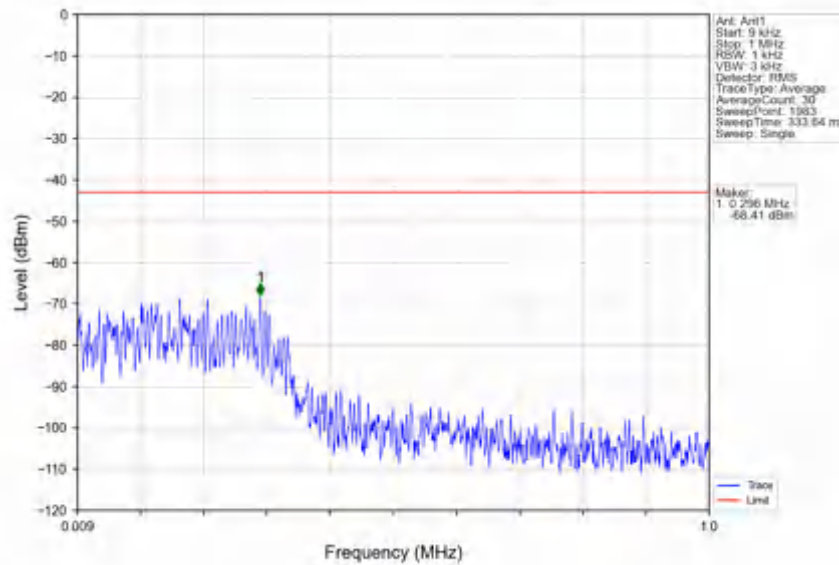


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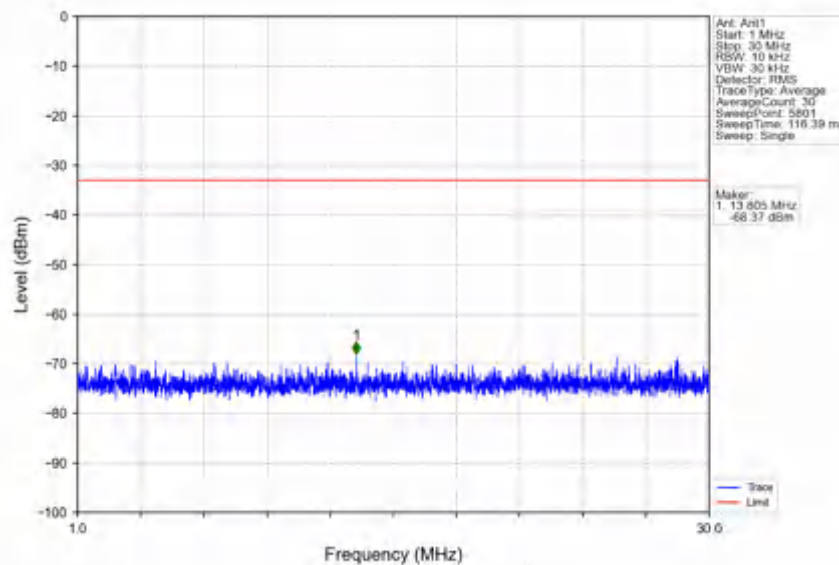
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n78e_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_QPSK_3485.01MHz_Edge_1RB_Left



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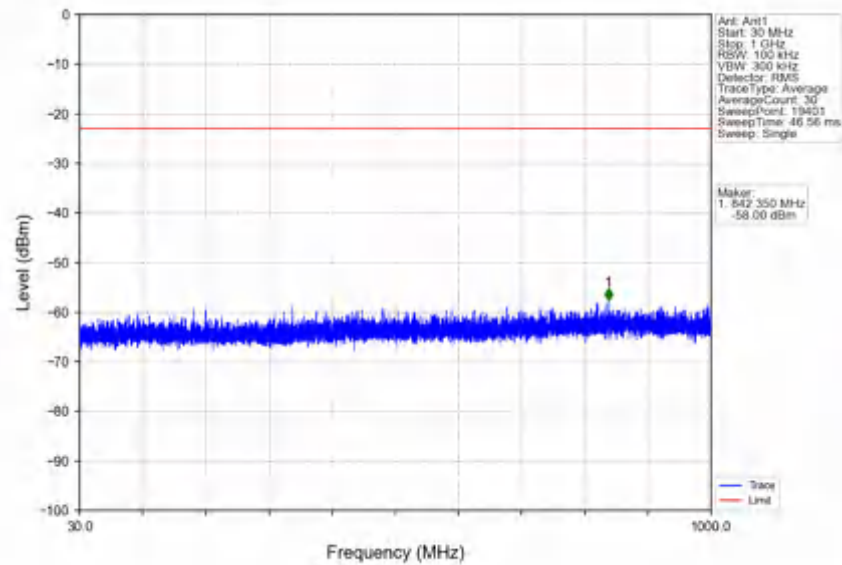


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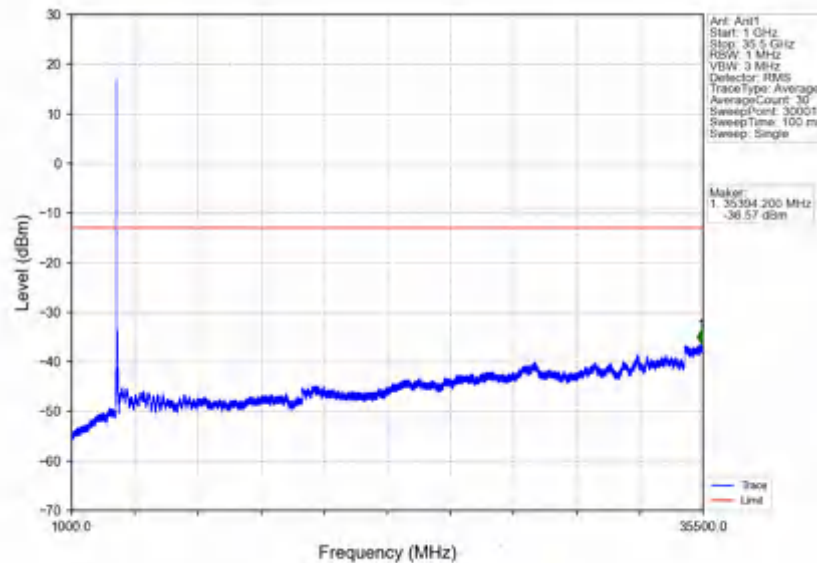
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n78e_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_QPSK_3485.01MHz_Edge_1RB_Left



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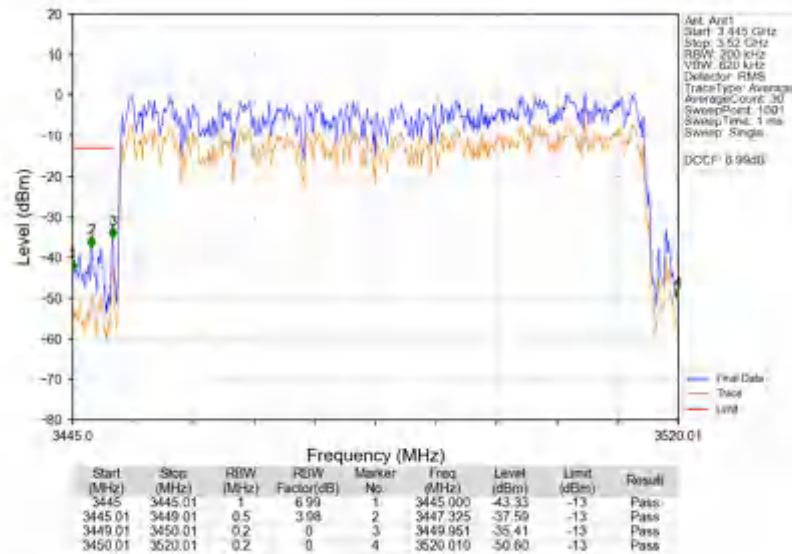


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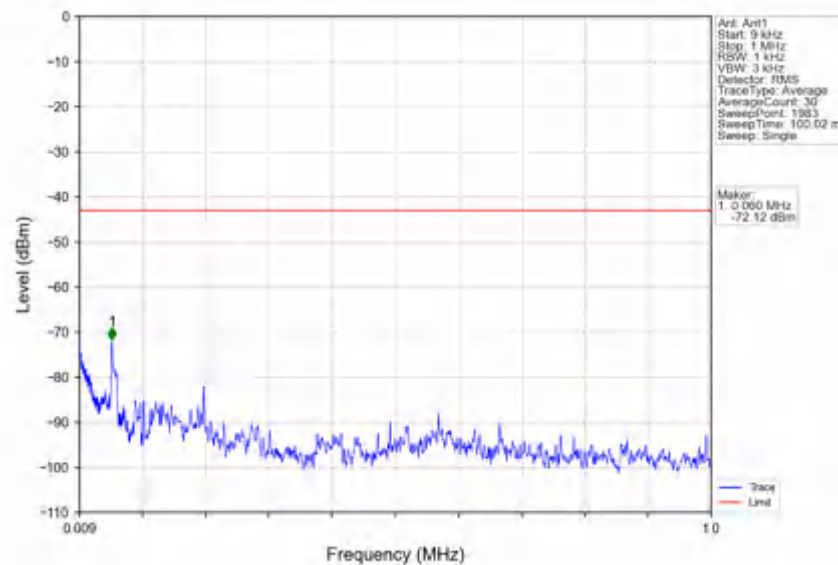
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0512 9611 0000 0512 9611 0000

n78e_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_QPSK_3485.01MHz_Outer_Full



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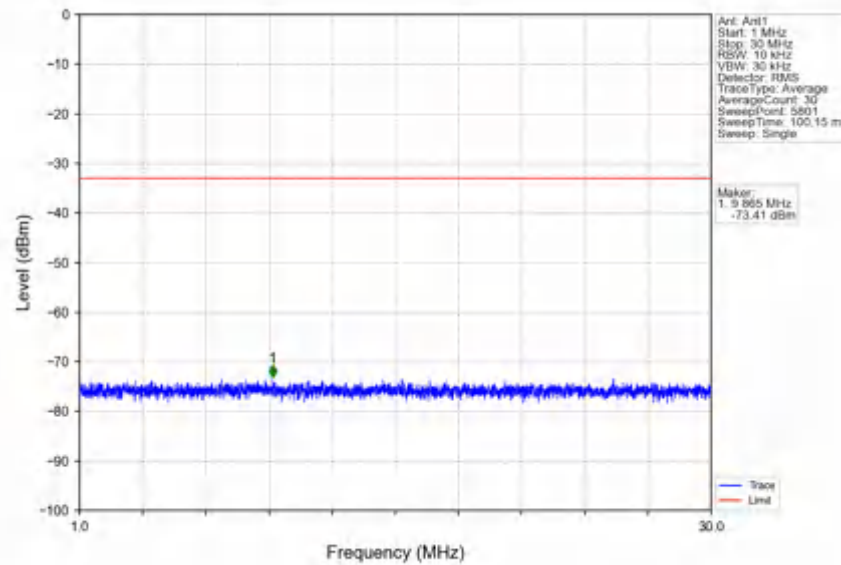


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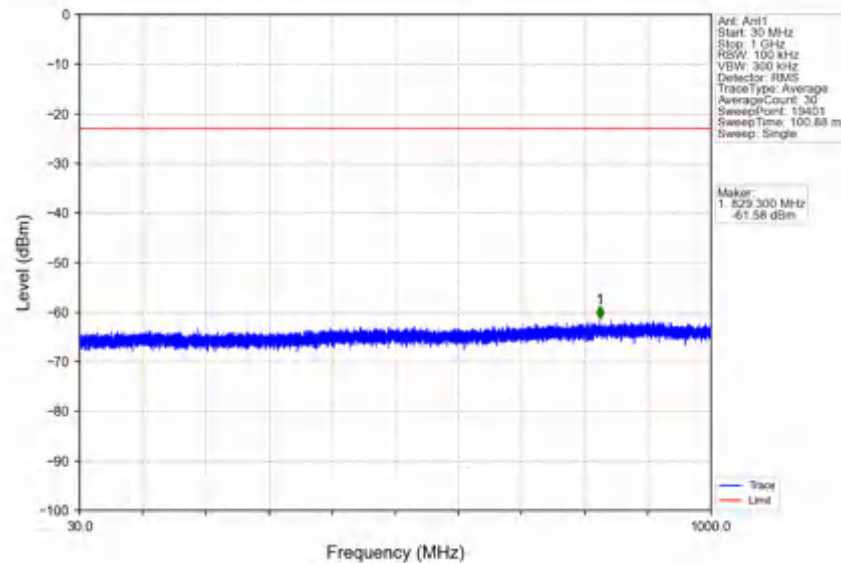
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n78e_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_QPSK_3485.01MHz_Outer_Full



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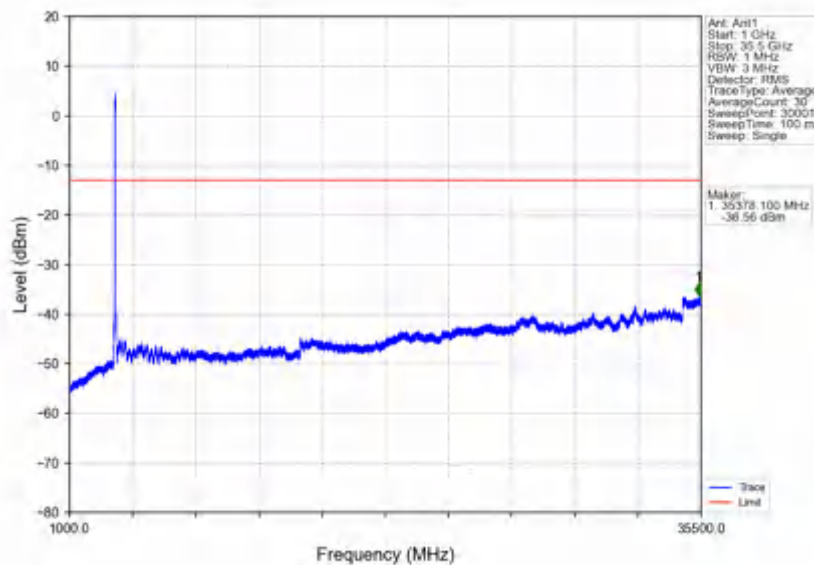


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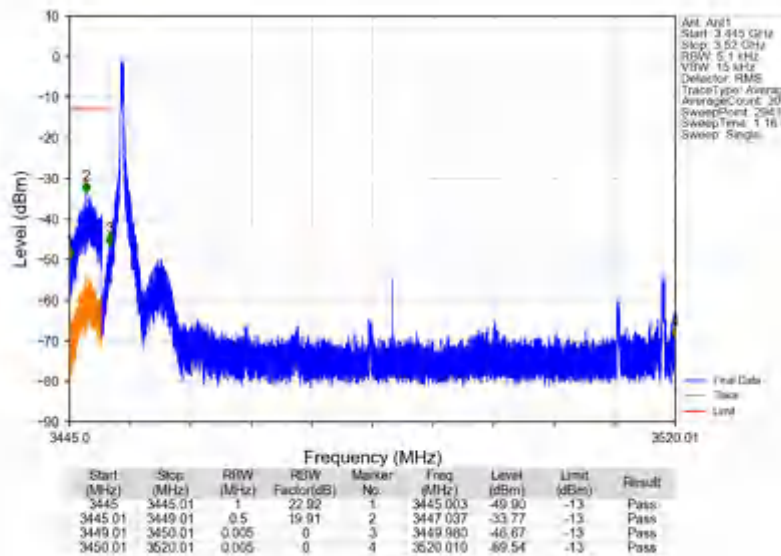
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n78e_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_QPSK_3485.01MHz_Outer_Full



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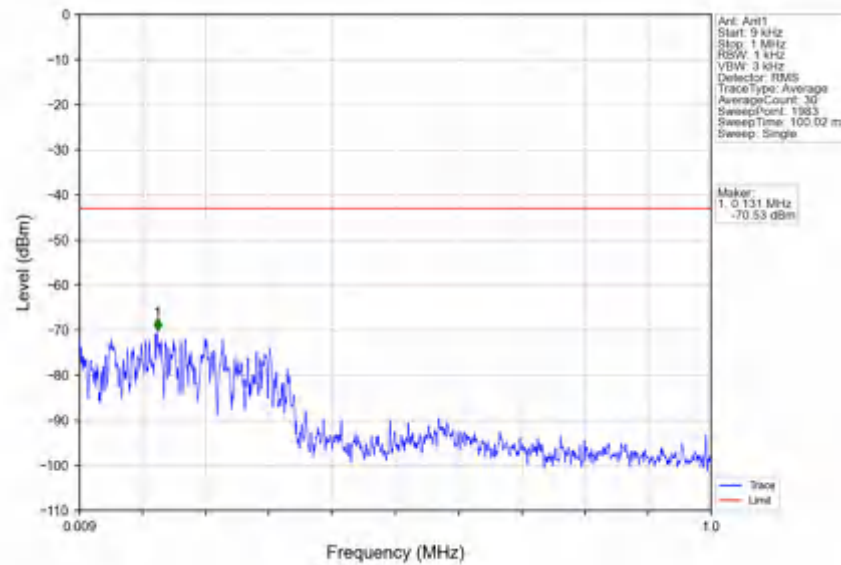


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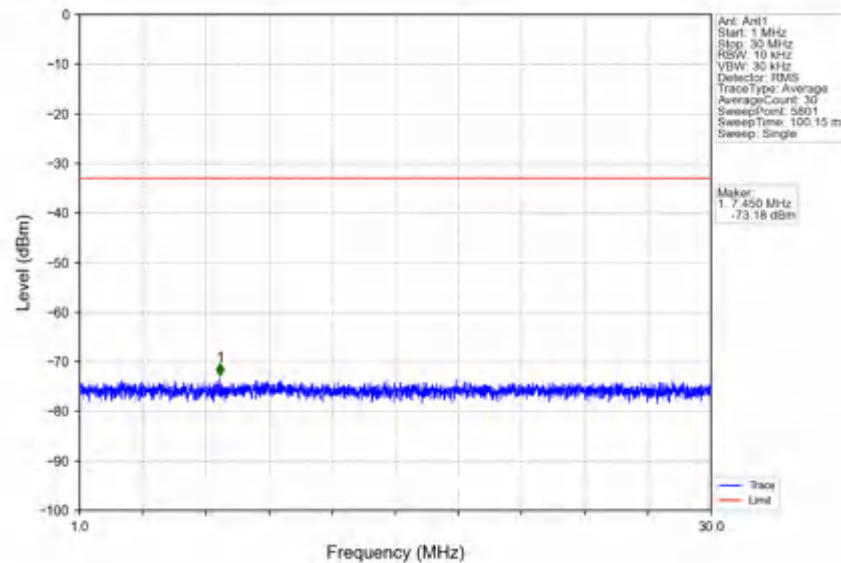
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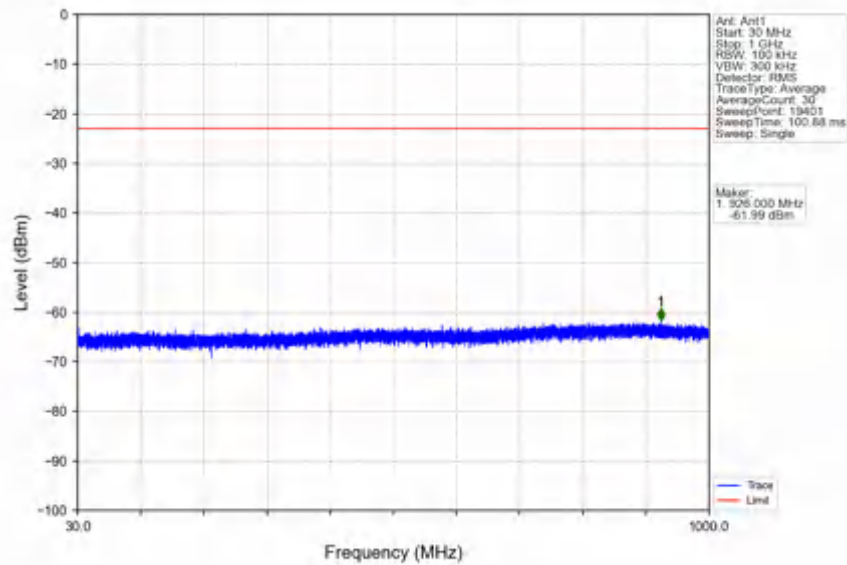


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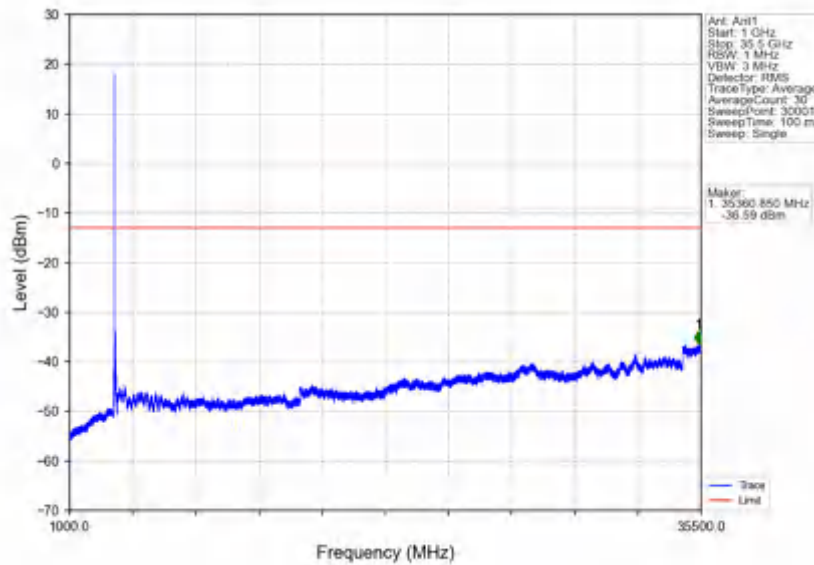
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n78e_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_QPSK_3485.01MHz_Inner_1RB_Left



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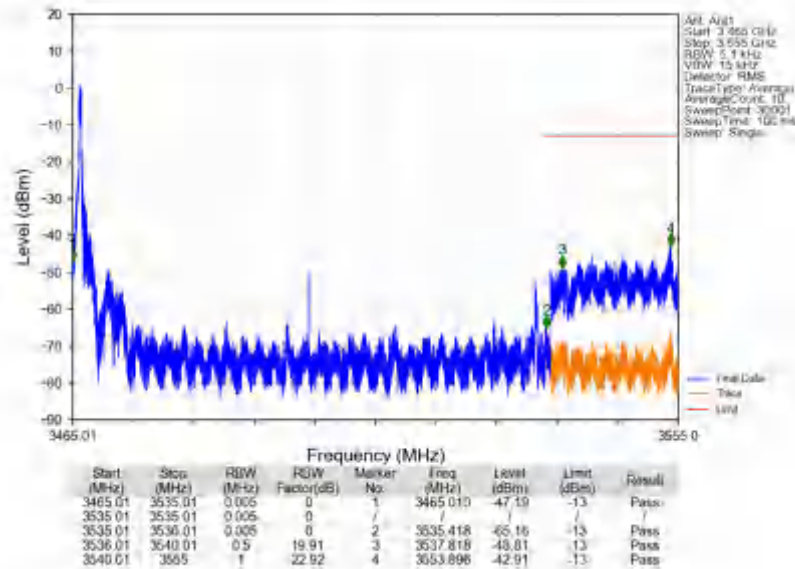


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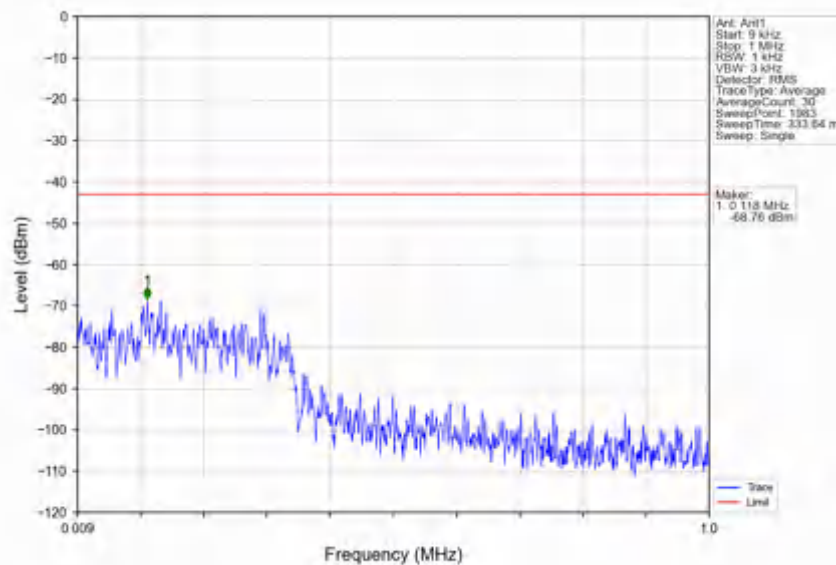
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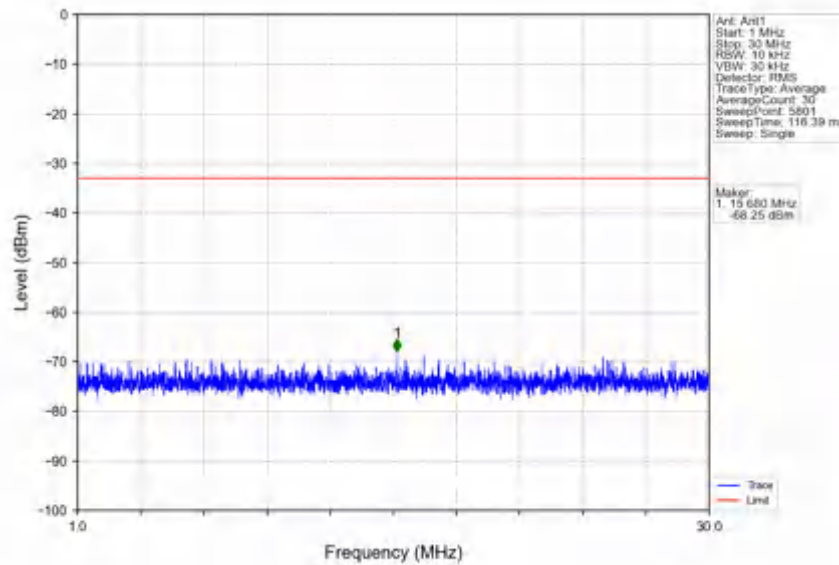


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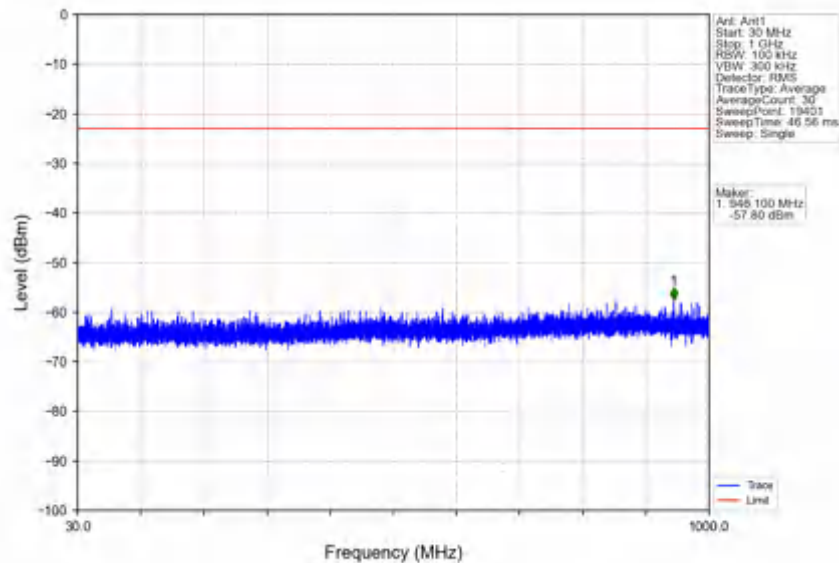
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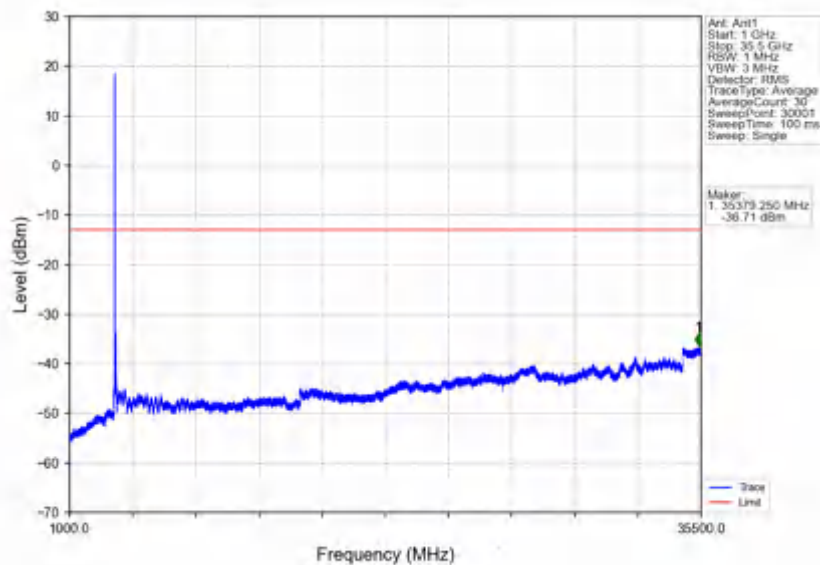


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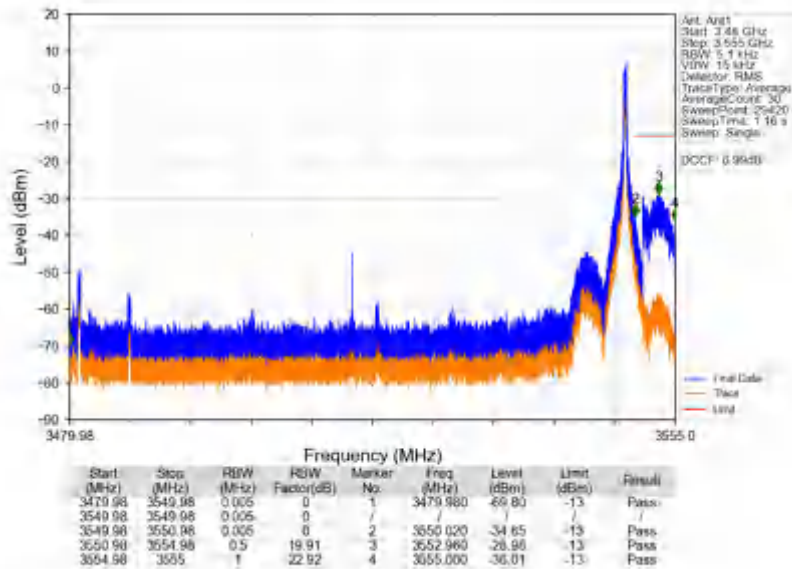
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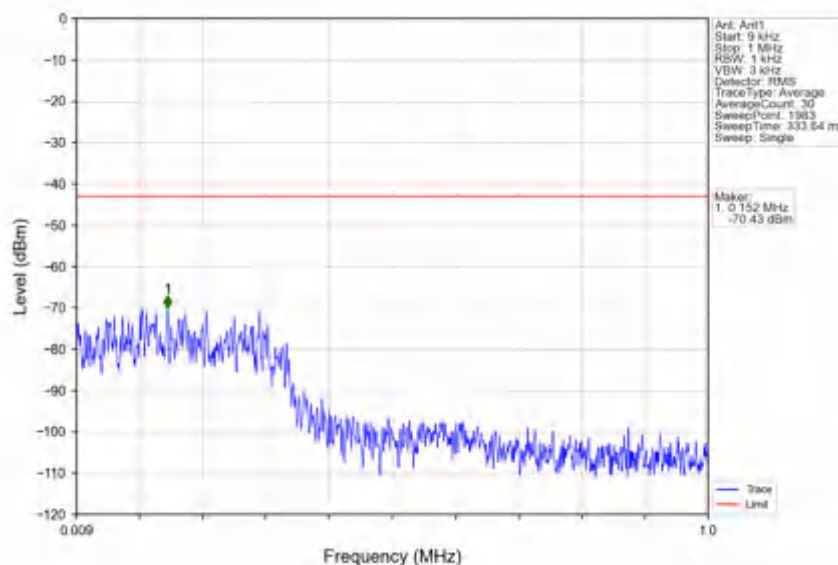


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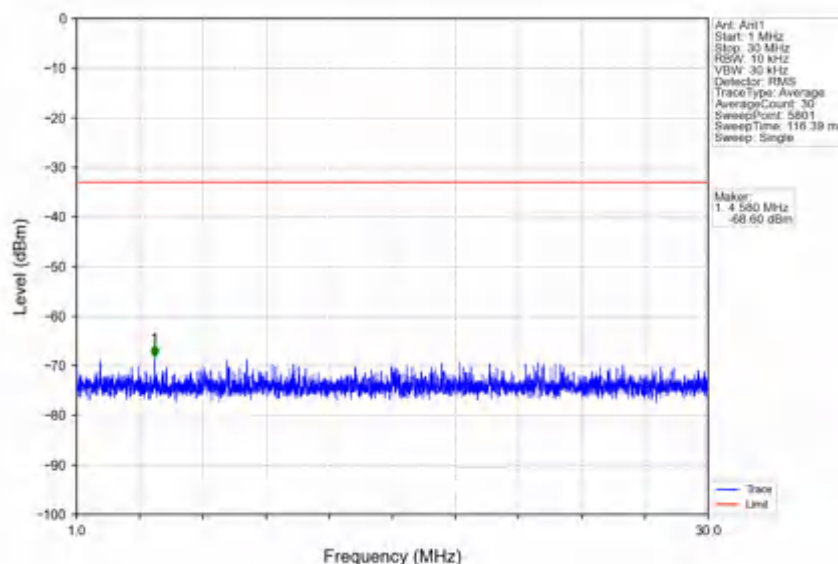
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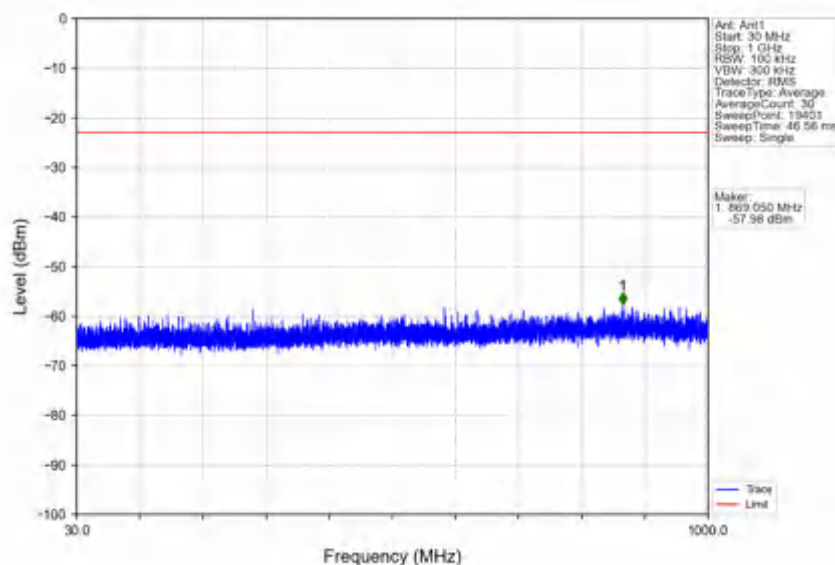


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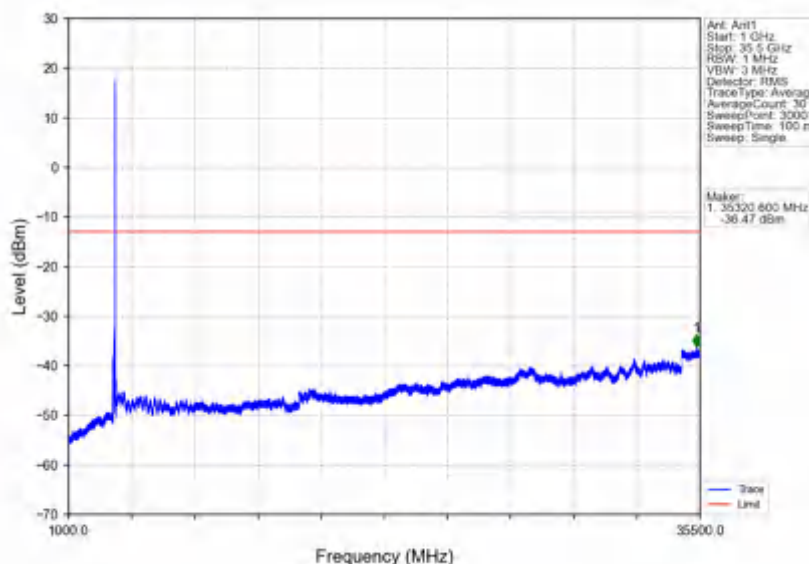
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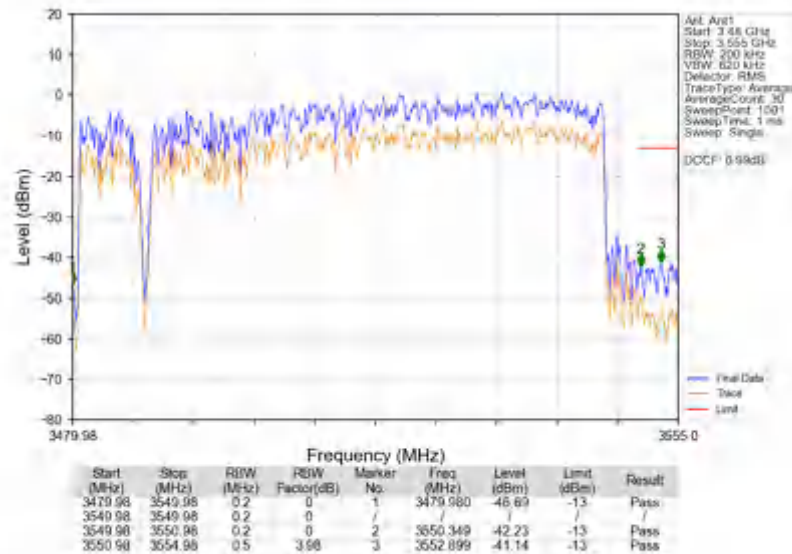


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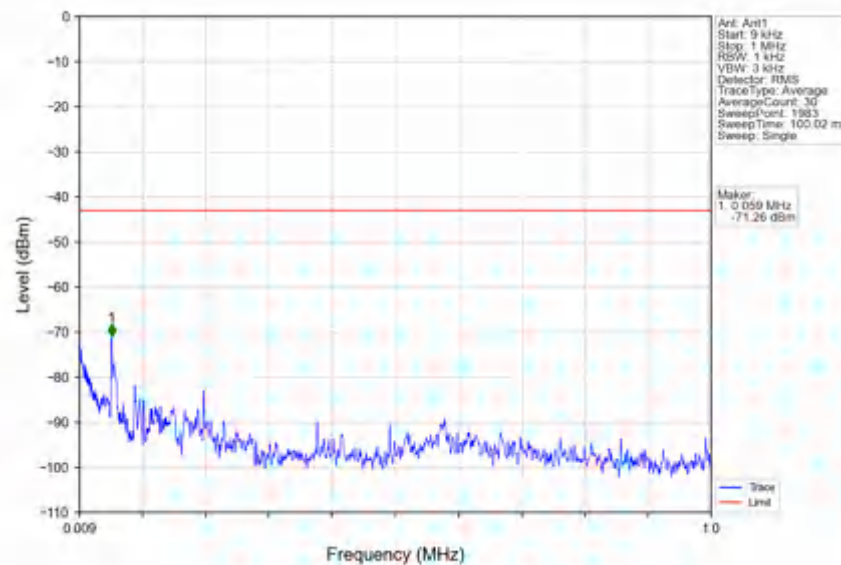
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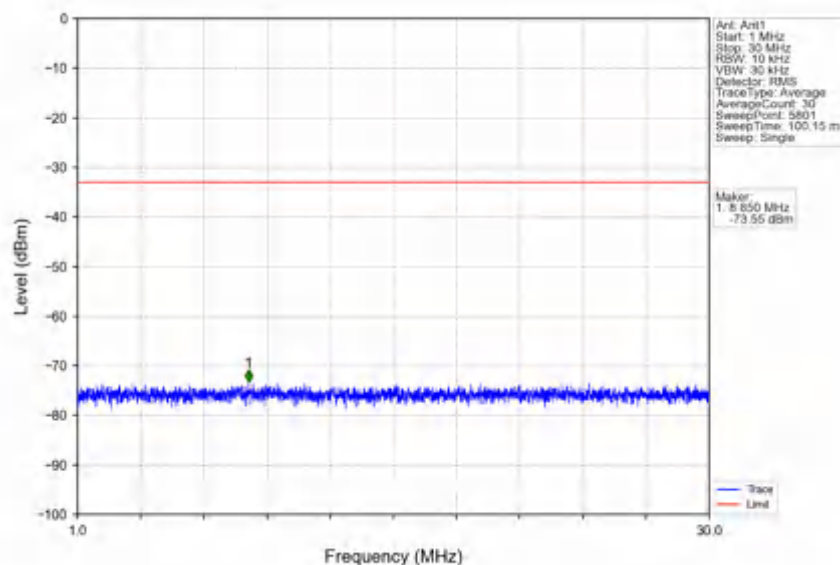


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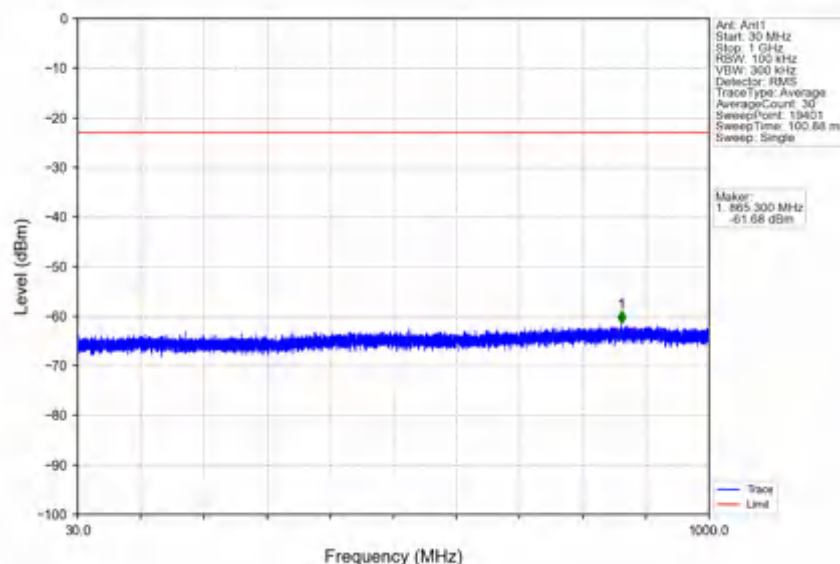
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n78e_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_QPSK_3514.98MHz_Outer_Full



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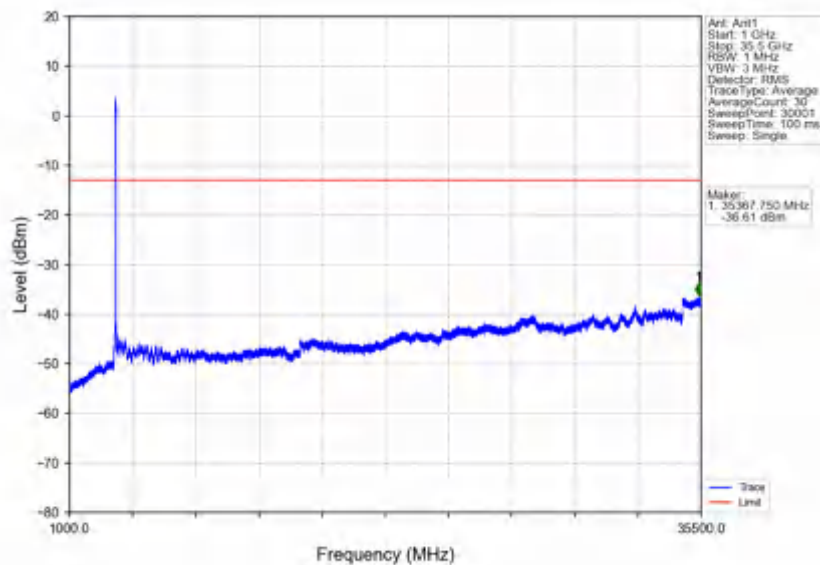


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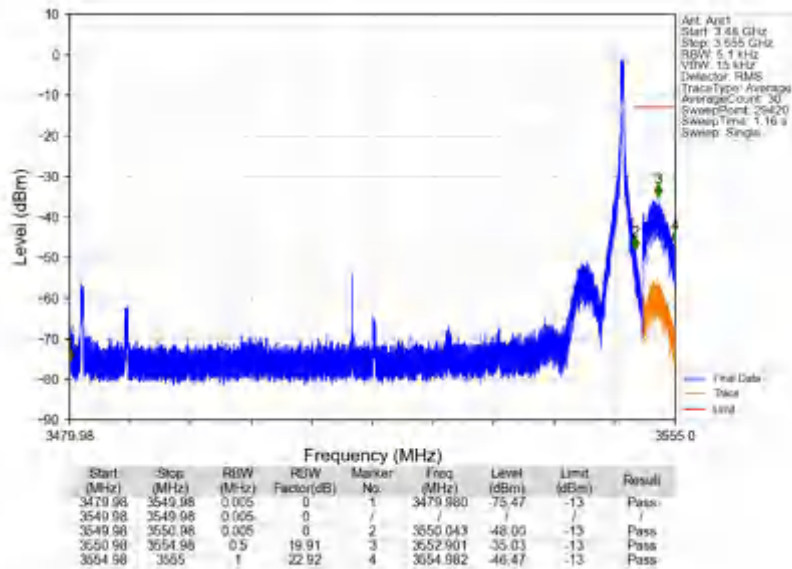
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n78e_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_QPSK_3514.98MHz_Outer_Full



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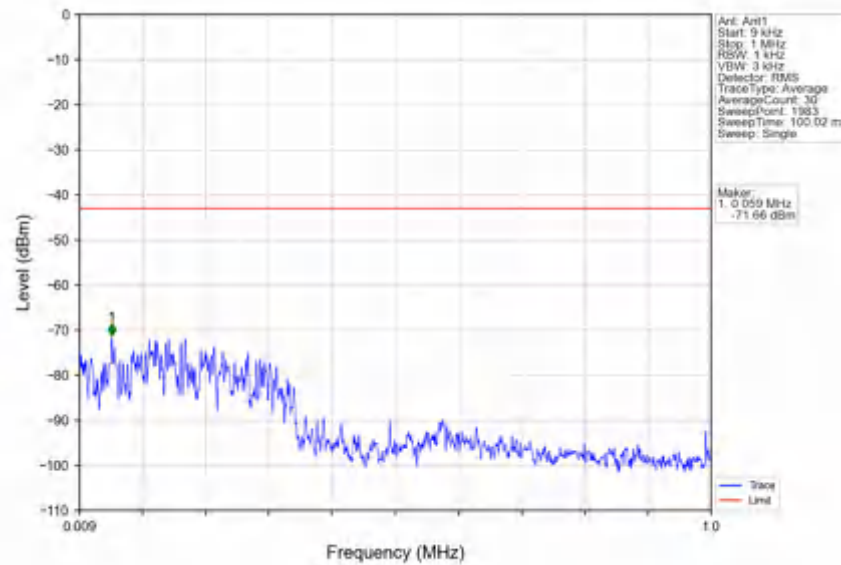


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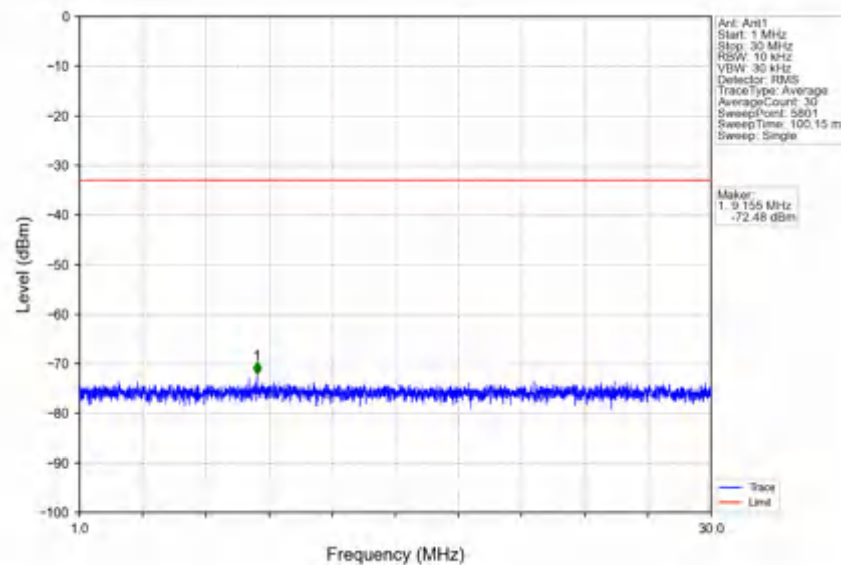
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n78e_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM QPSK_3514.98MHz_Inner_1RB_Right



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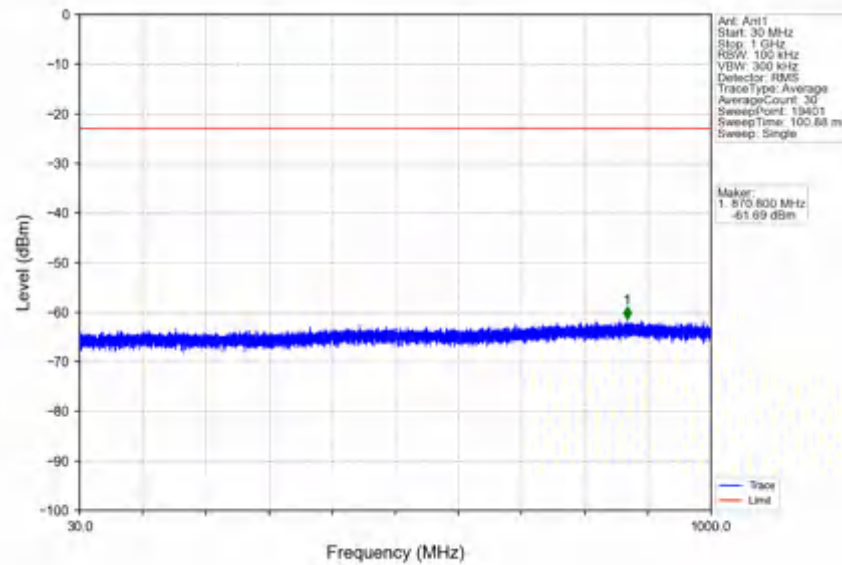


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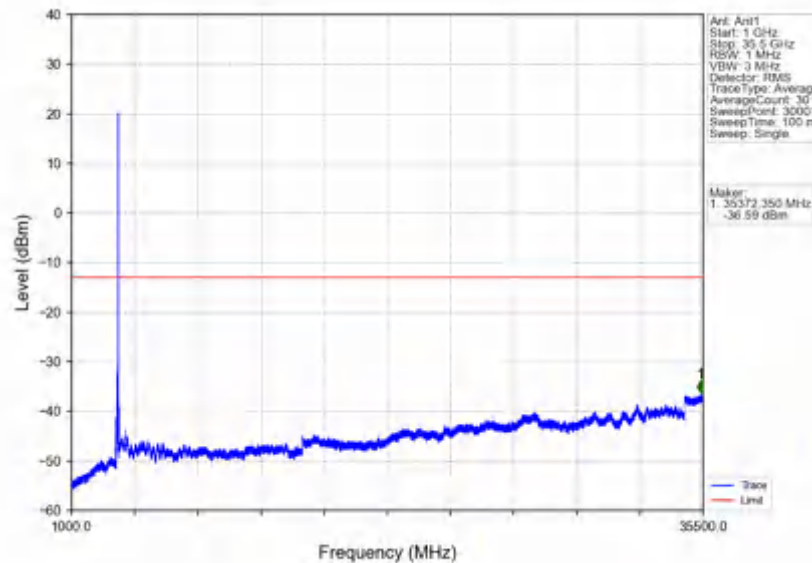
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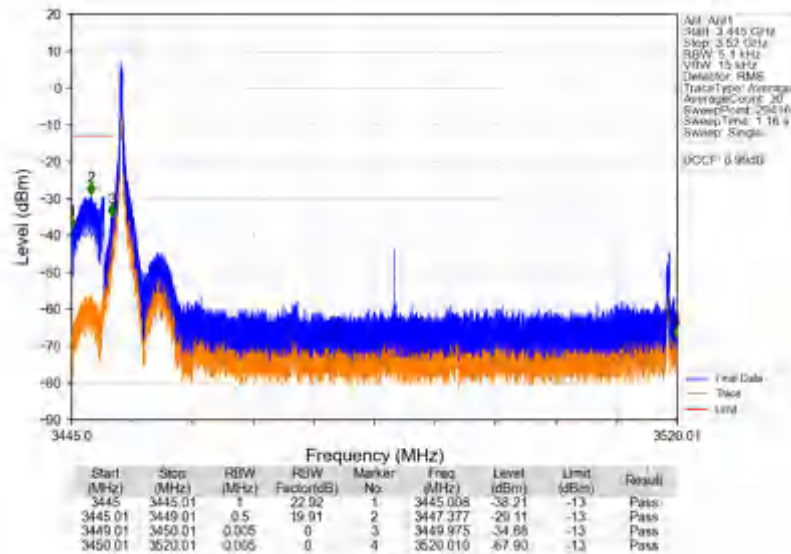


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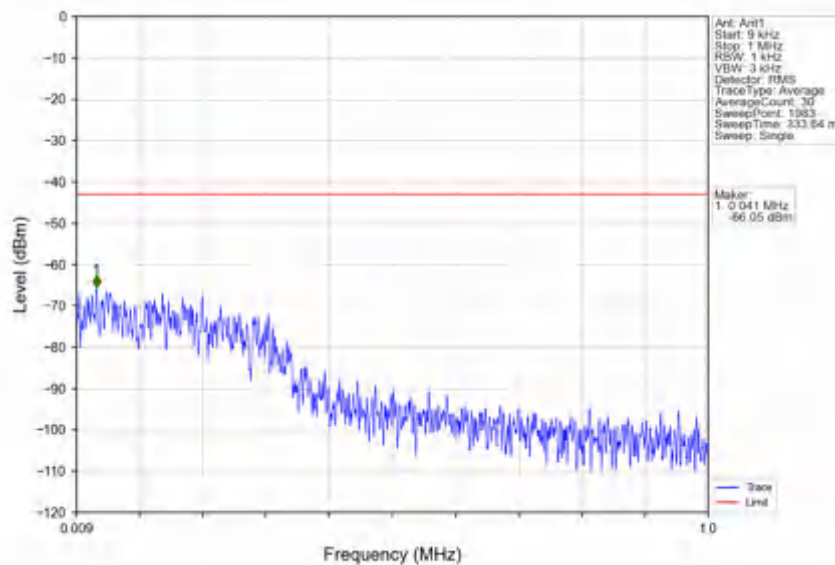
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n78e_30kHz_SISO_NTV_70MHz_CP-OFDM_QPSK_3485.01MHz_Edge_1RB_Left



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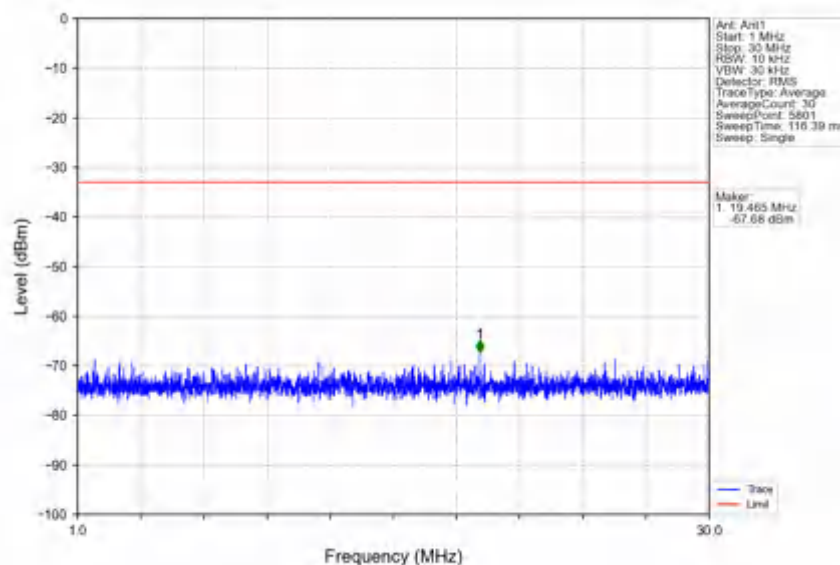


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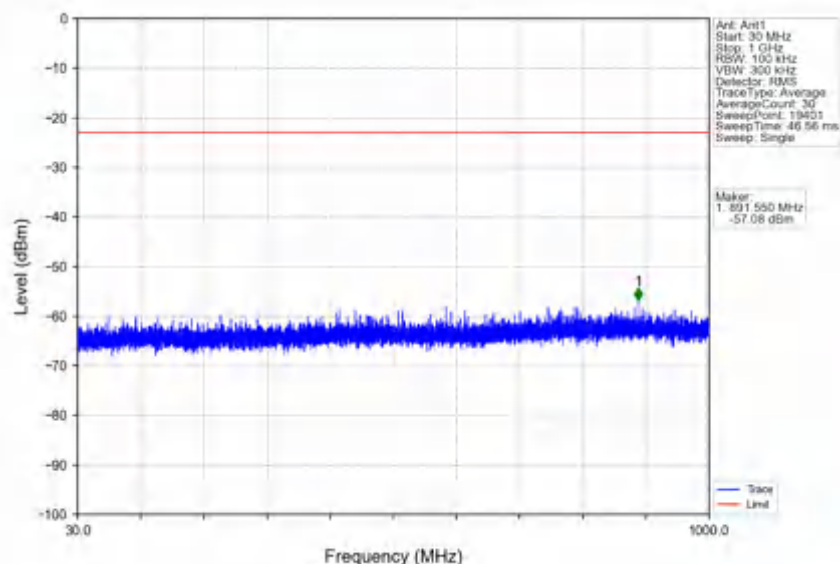
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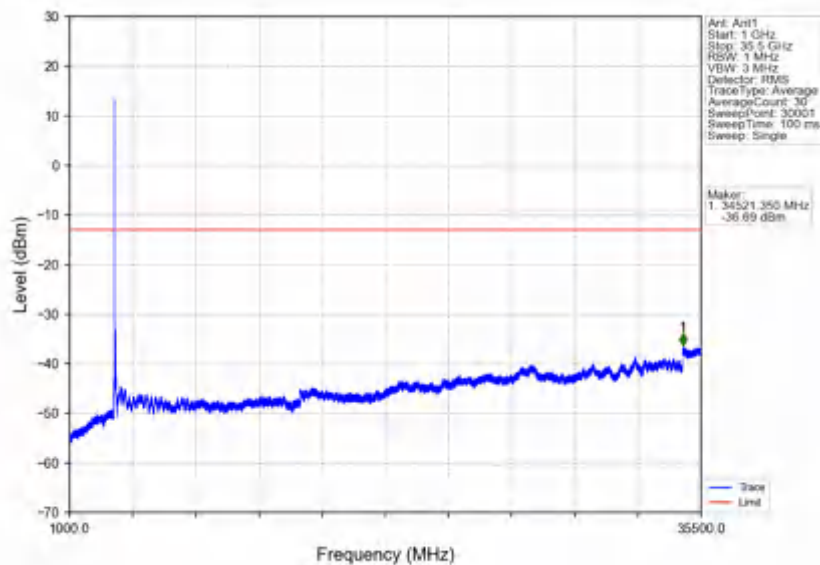


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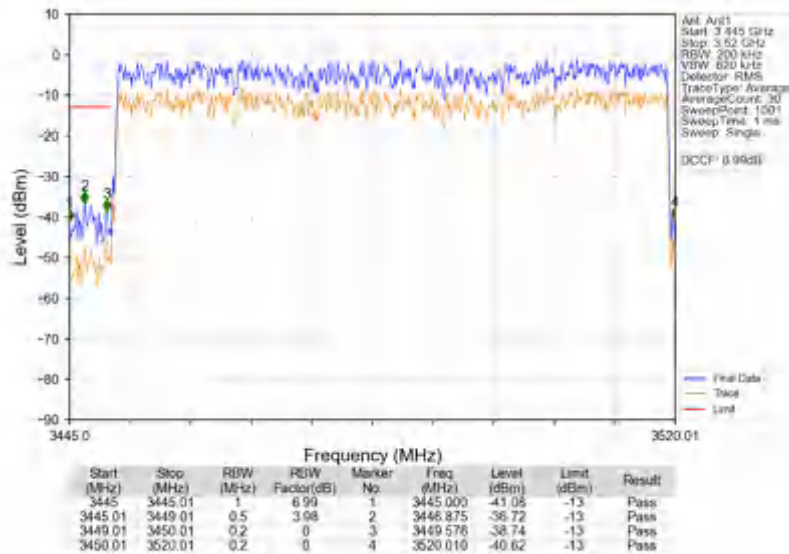
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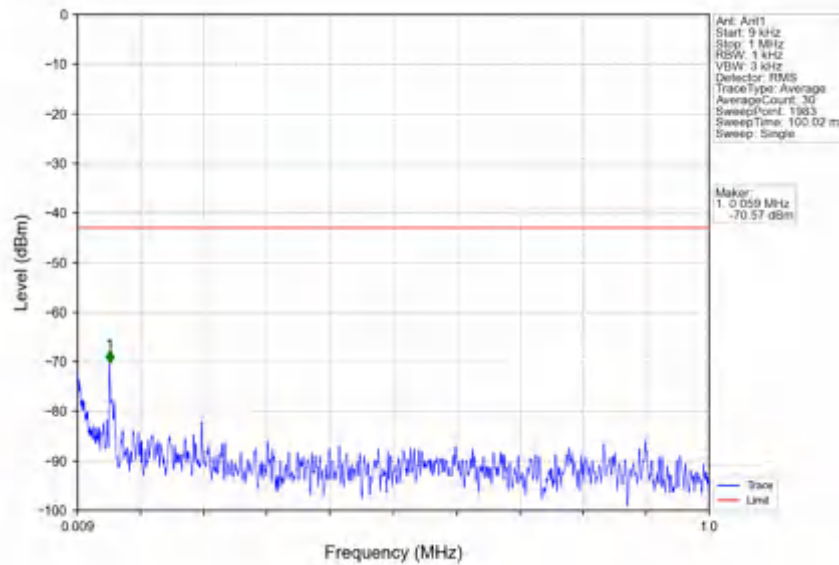


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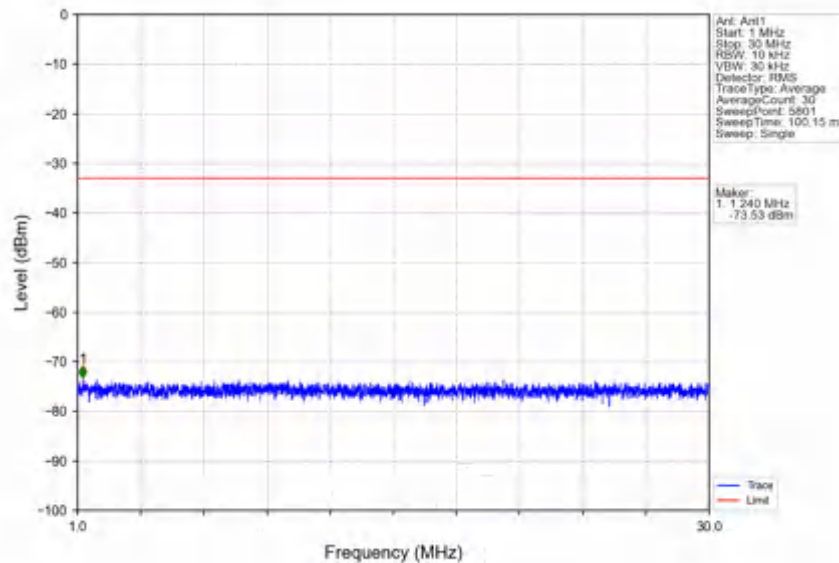
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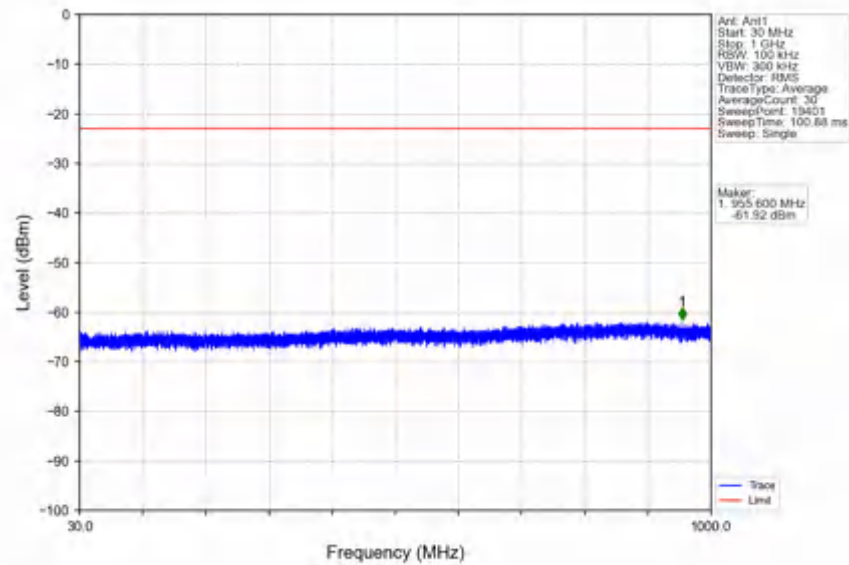
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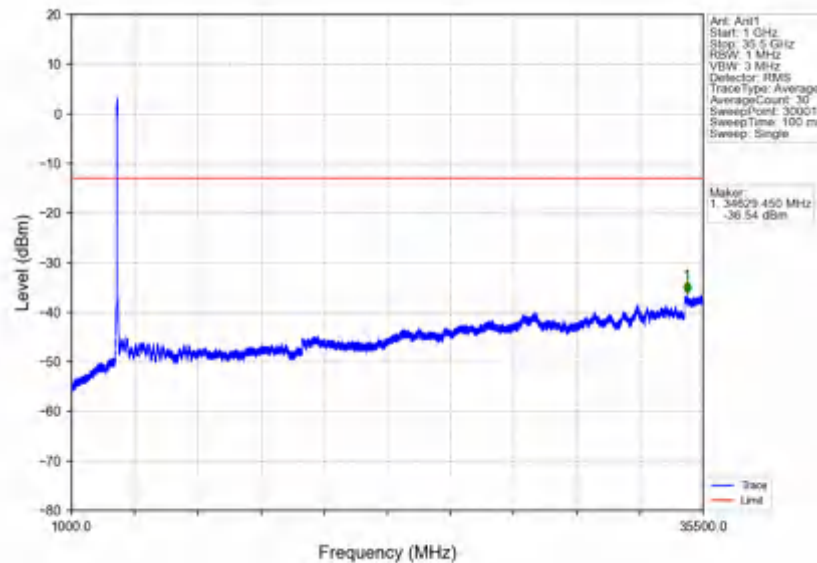
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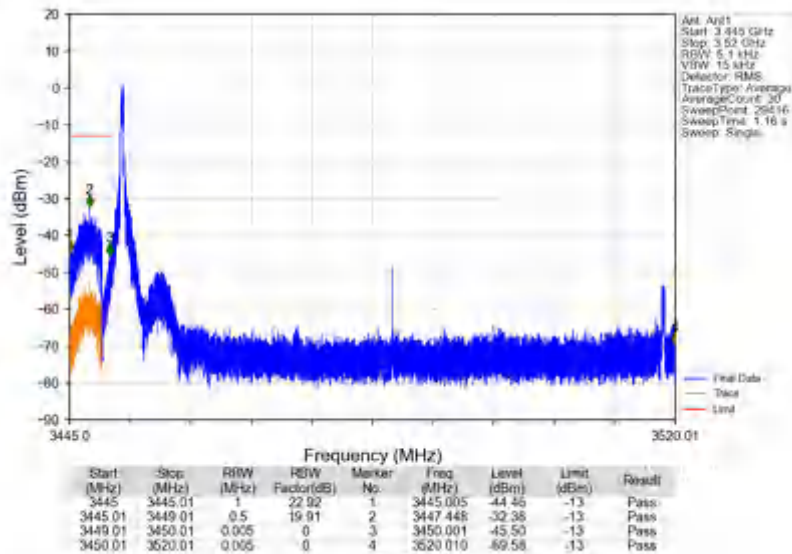


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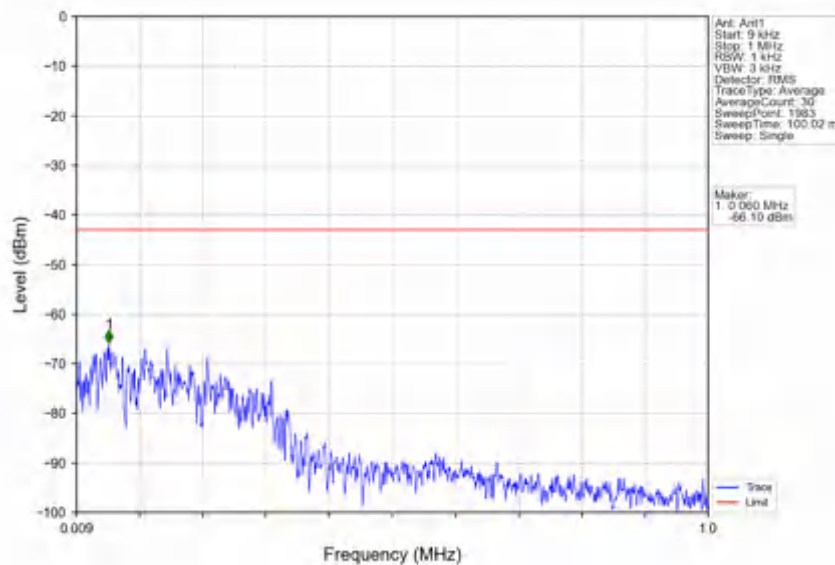
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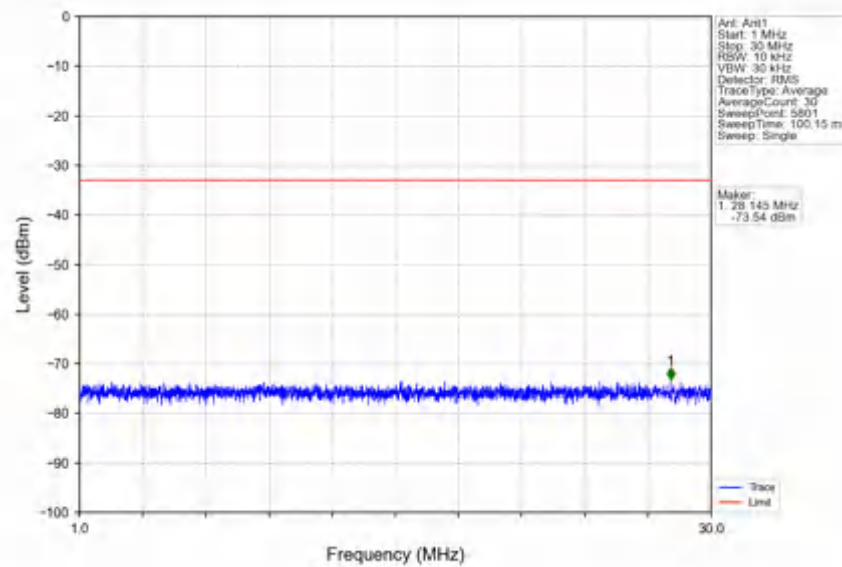
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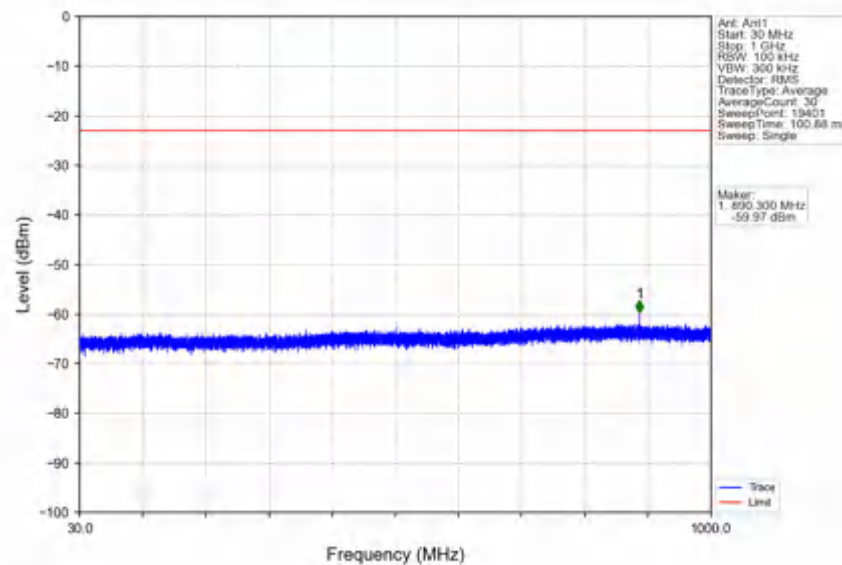
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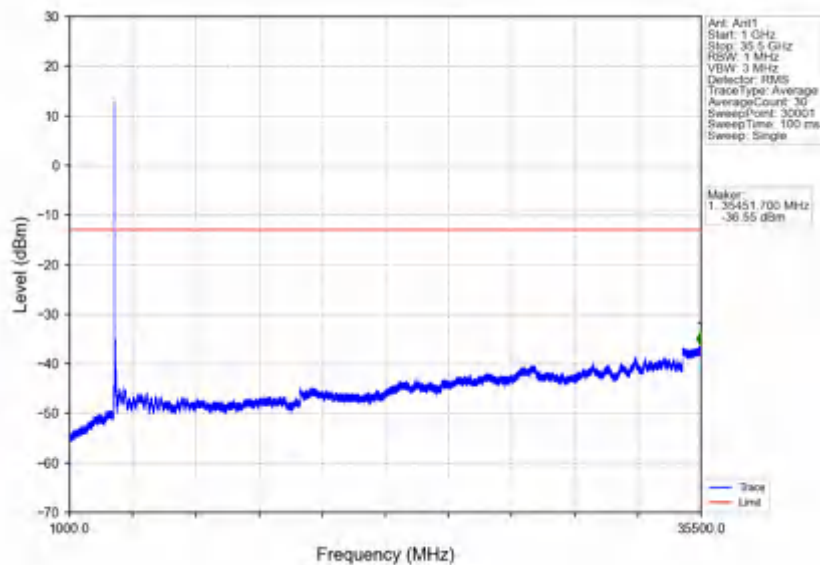


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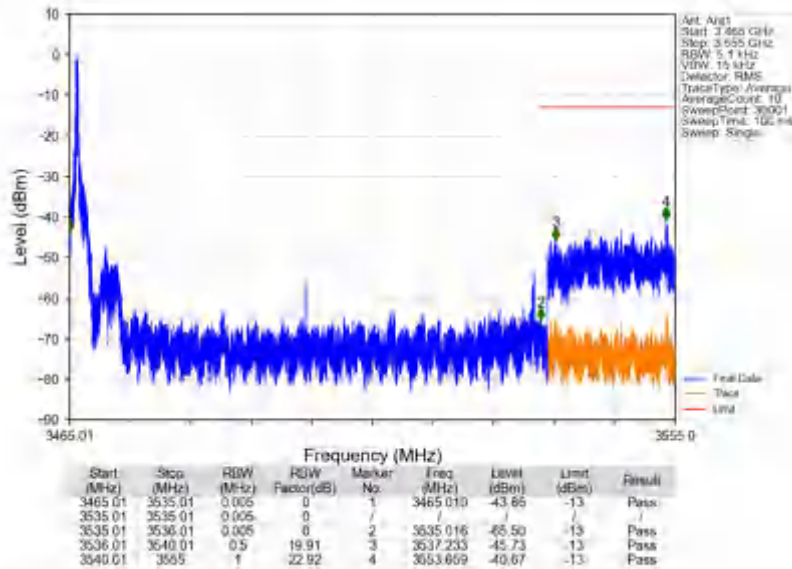
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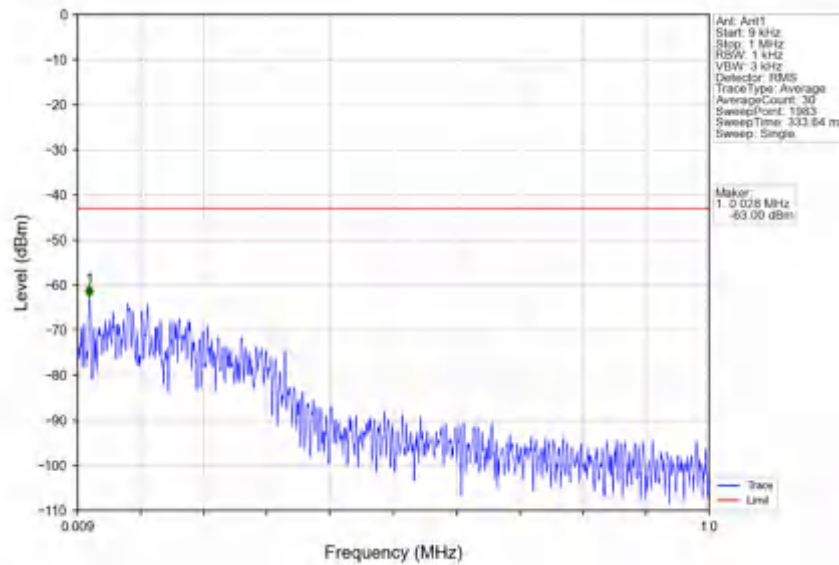


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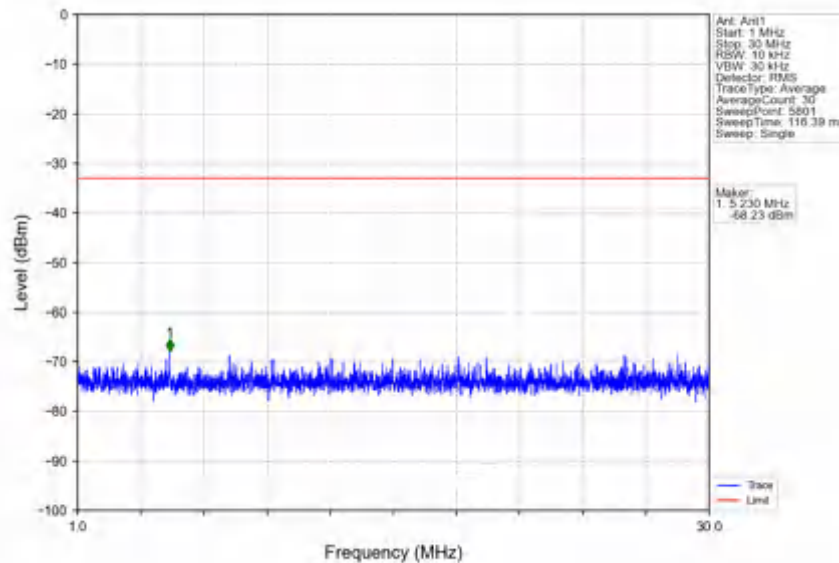
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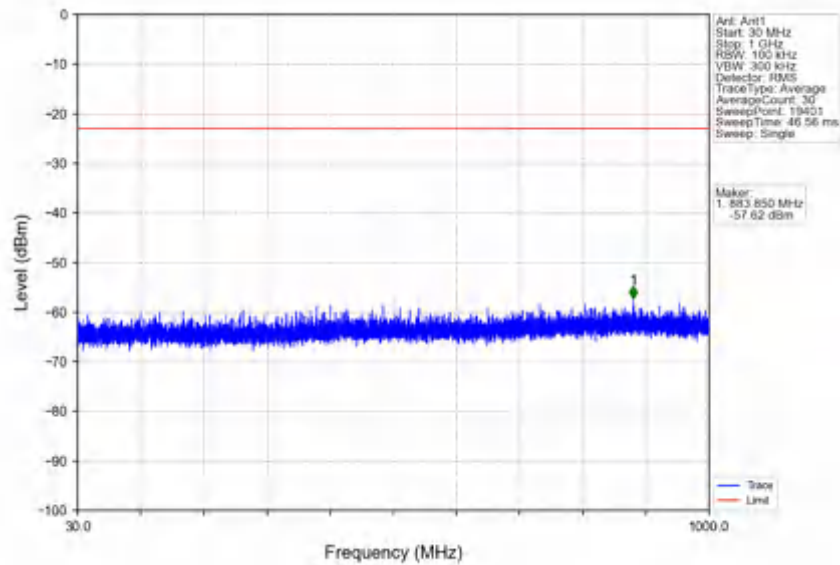


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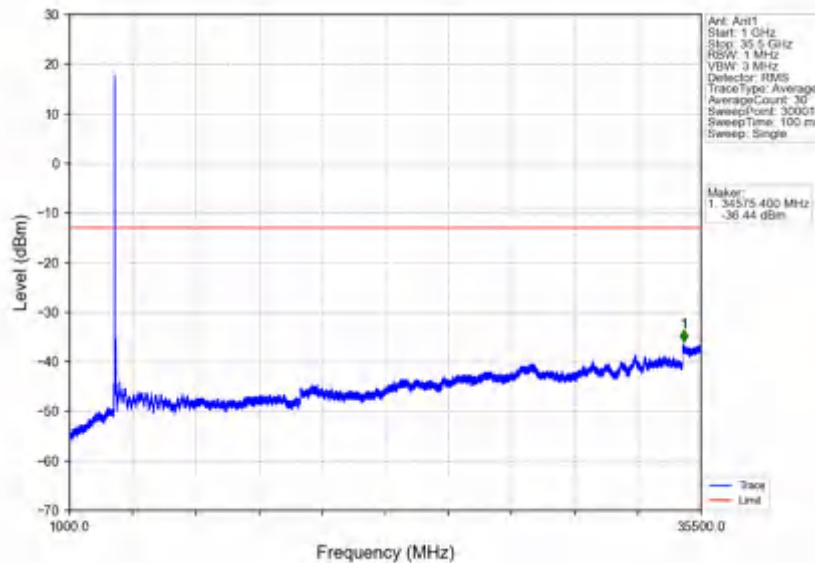
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n78e_30kHz_SISO_NTV_70MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



n78e_30kHz_SISO_NTV_70MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left

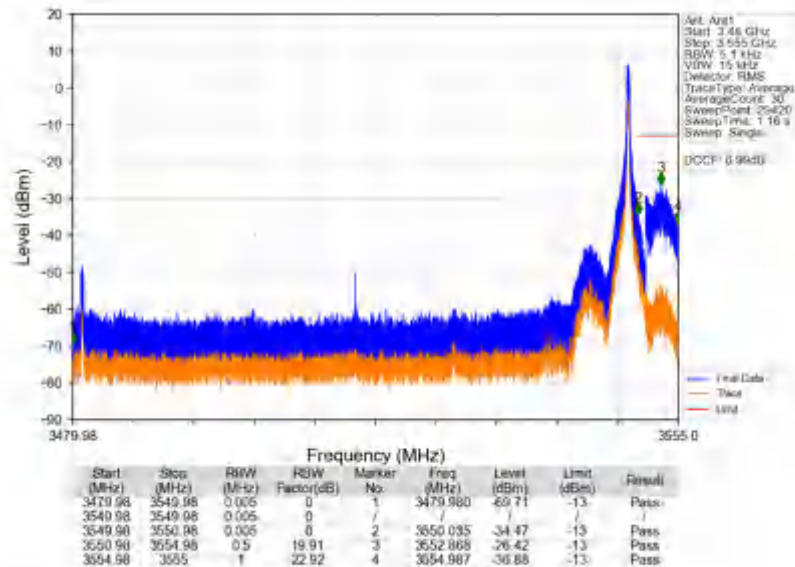


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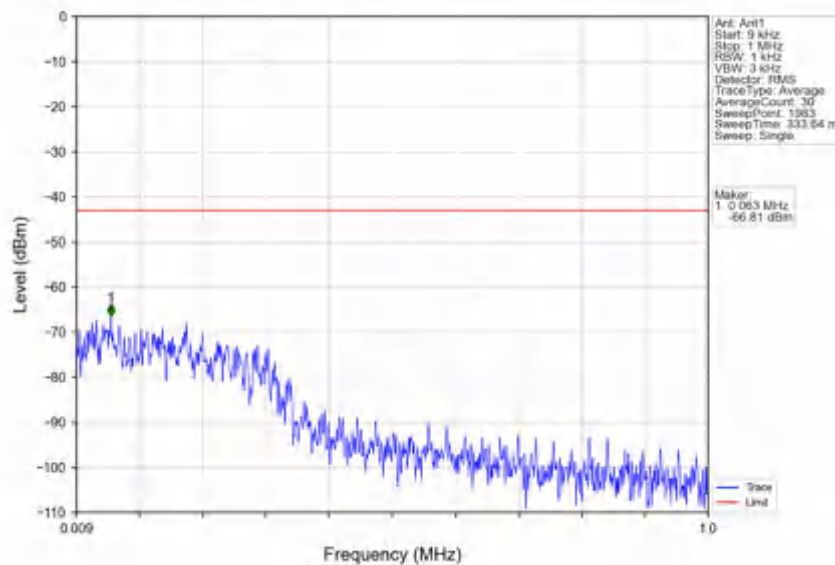
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n78e_30kHz_SISO_NTNV_70MHz_CP-OFDM QPSK_3514.98MHz_Edge_1RB_Right



n78e_30kHz_SISO_NTNV_70MHz_CP-OFDM QPSK_3514.98MHz_Edge_1RB_Right

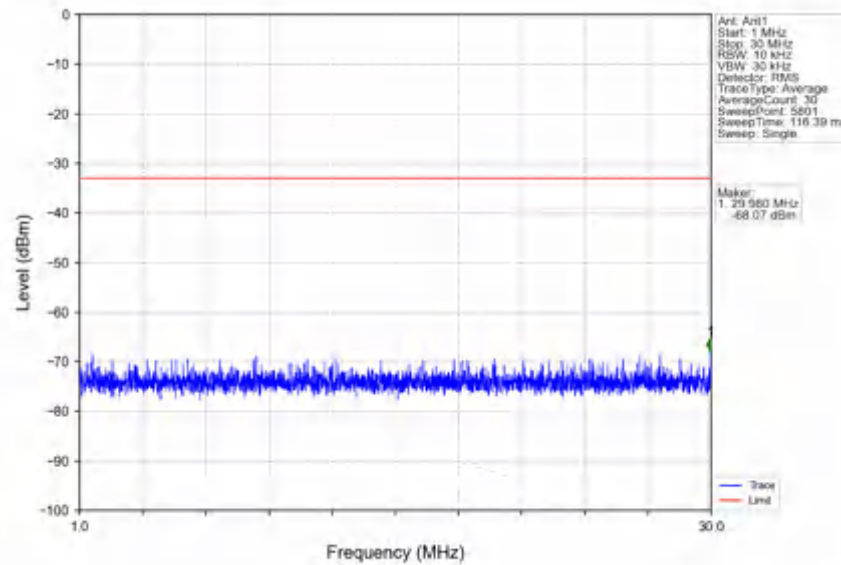


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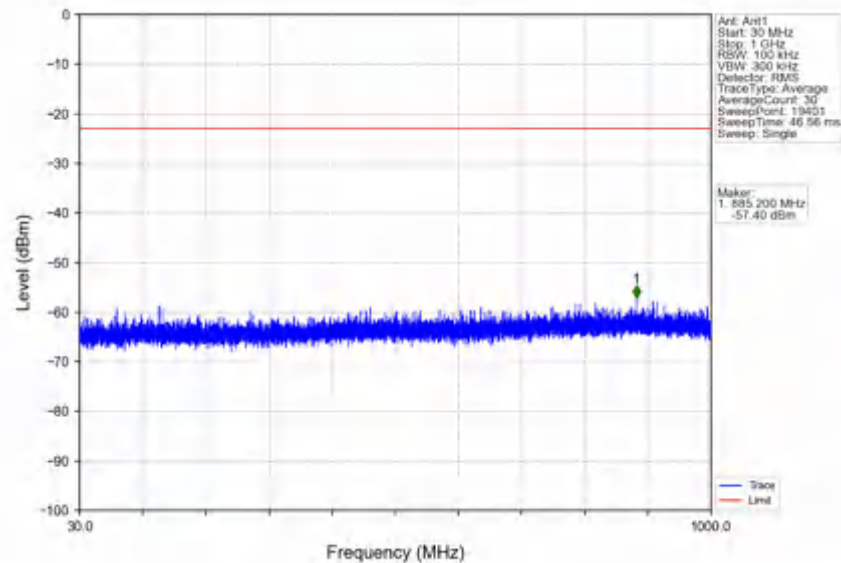
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n78e_30kHz_SISO_NTNV_70MHz_CP-OFDM QPSK_3514.98MHz_Edge_1RB_Right



n78e_30kHz_SISO_NTNV_70MHz_CP-OFDM QPSK_3514.98MHz_Edge_1RB_Right

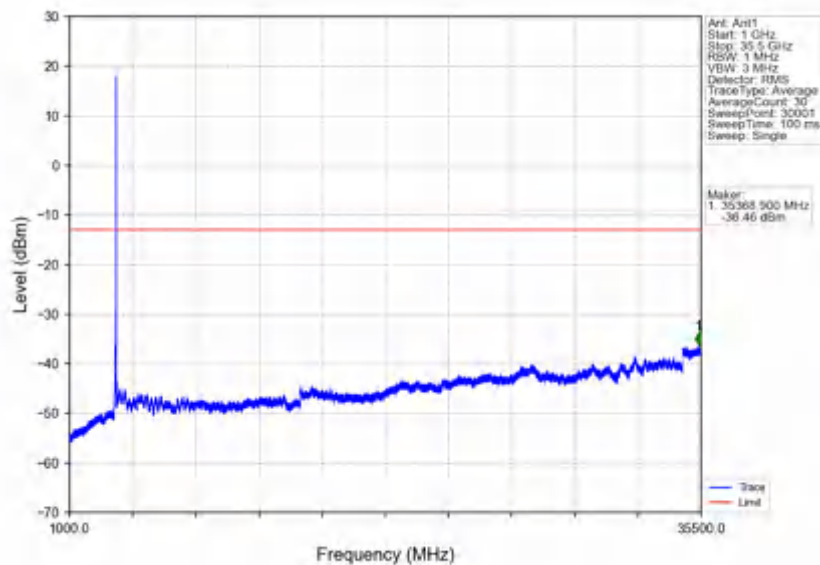


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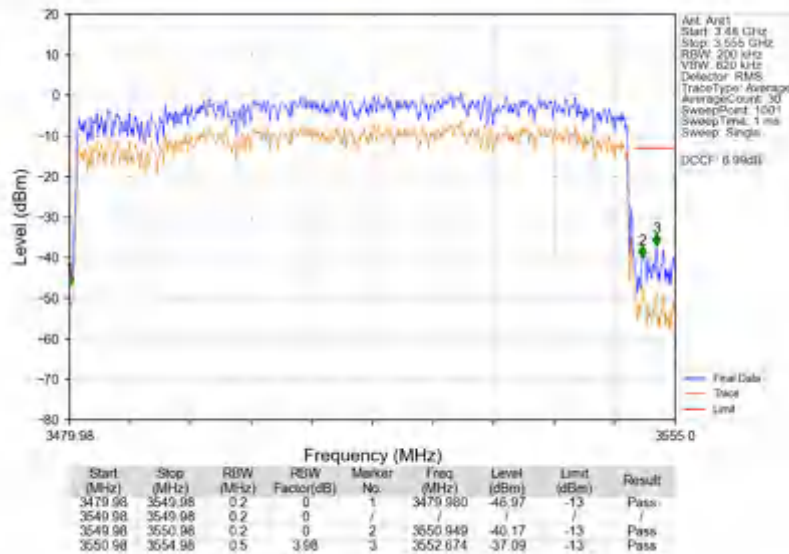
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n78e_30kHz_SISO_NTNV_70MHz_CP-OFDM QPSK_3514.98MHz_Edge_1RB_Right



n78e_30kHz_SISO_NTNV_70MHz_CP-OFDM QPSK_3514.98MHz_Outer_Full

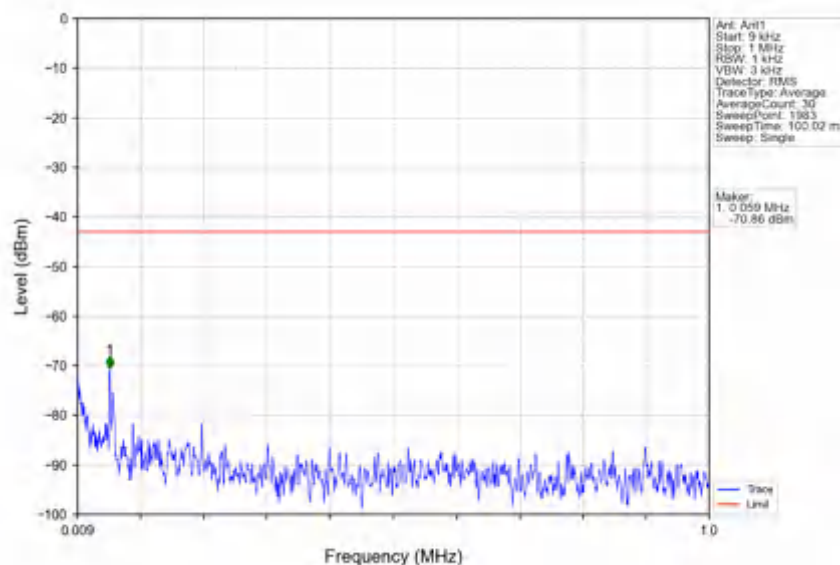


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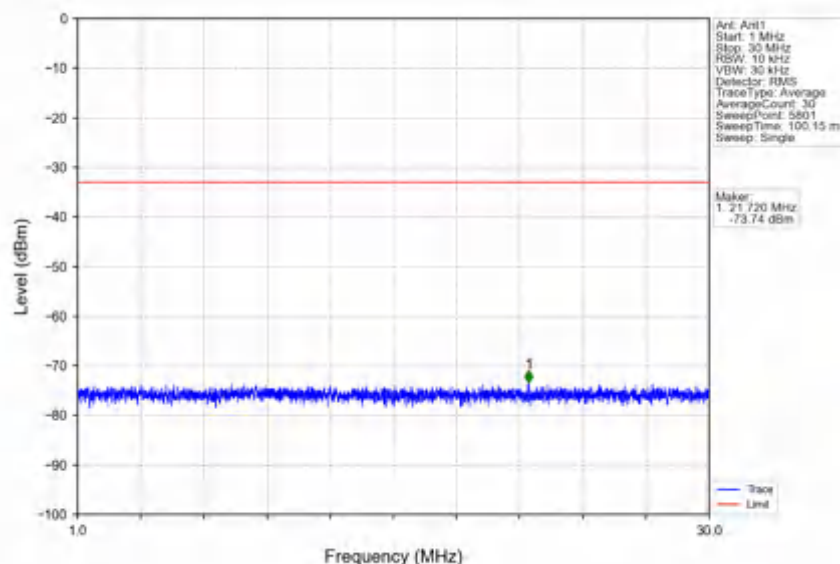
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n78e_30kHz_SISO_NTNV_70MHz_CP-OFDM_QPSK_3514.98MHz_Outer_Full



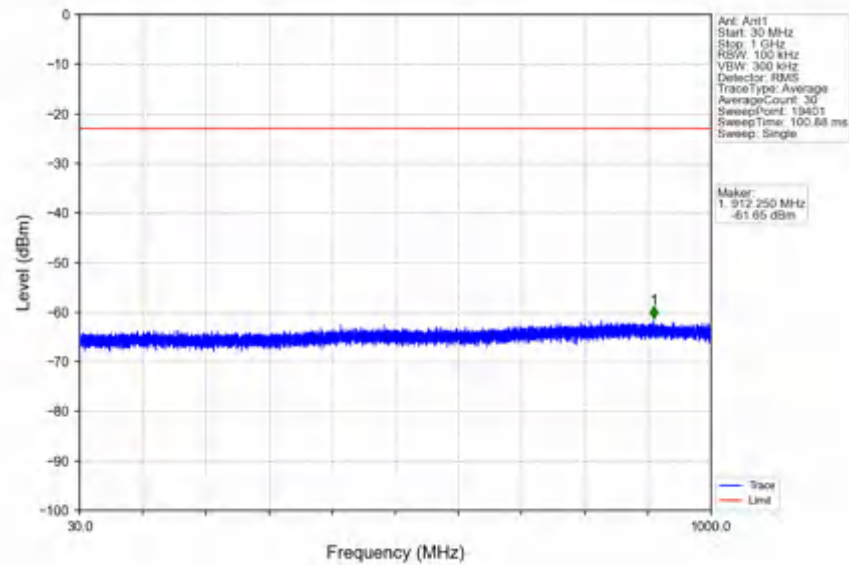
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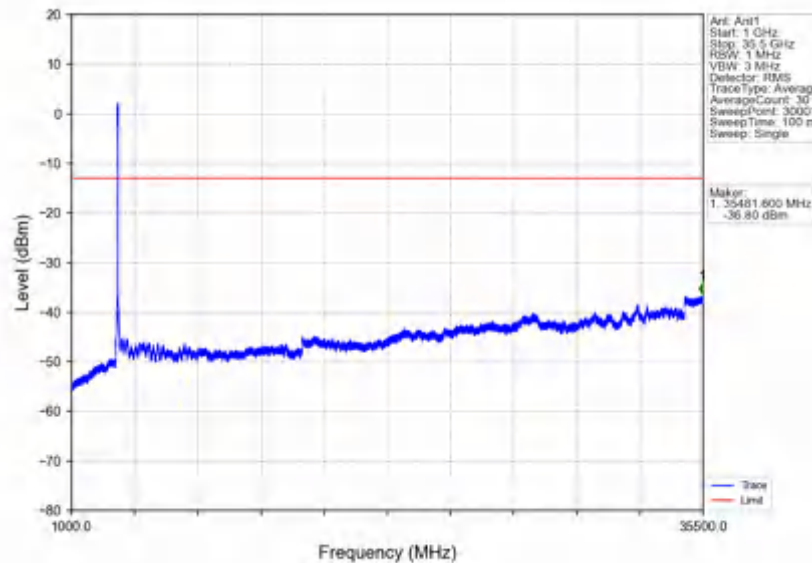
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n78e_30kHz_SISO_NTNV_70MHz_CP-OFDM QPSK_3514.98MHz_Outer_Full

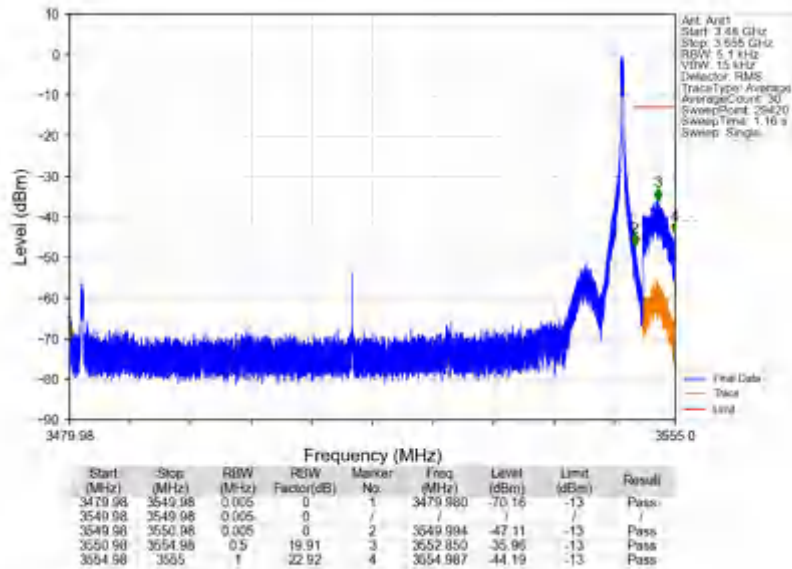


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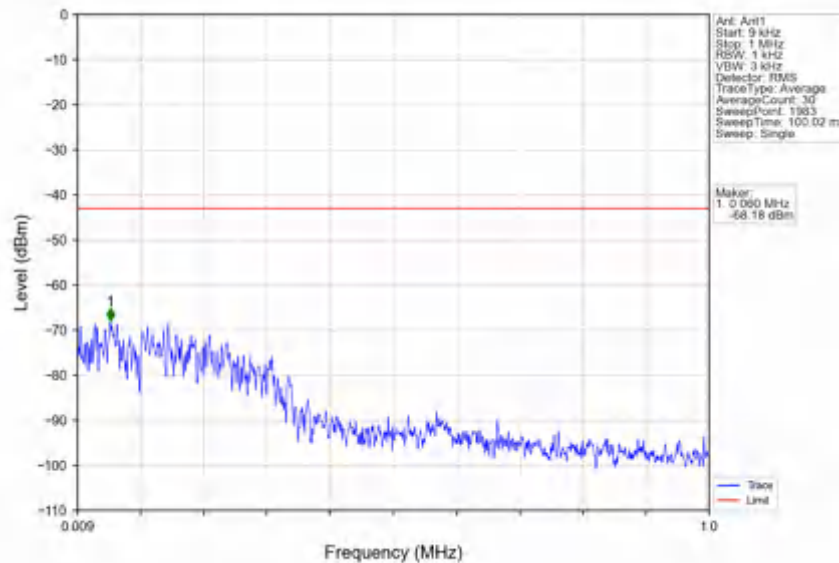
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n78e_30kHz_SISO_NTNV_70MHz_CP-OFDM_QPSK_3514.98MHz_Inner_1RB_Right



n78e_30kHz_SISO_NTNV_70MHz_CP-OFDM_QPSK_3514.98MHz_Inner_1RB_Right

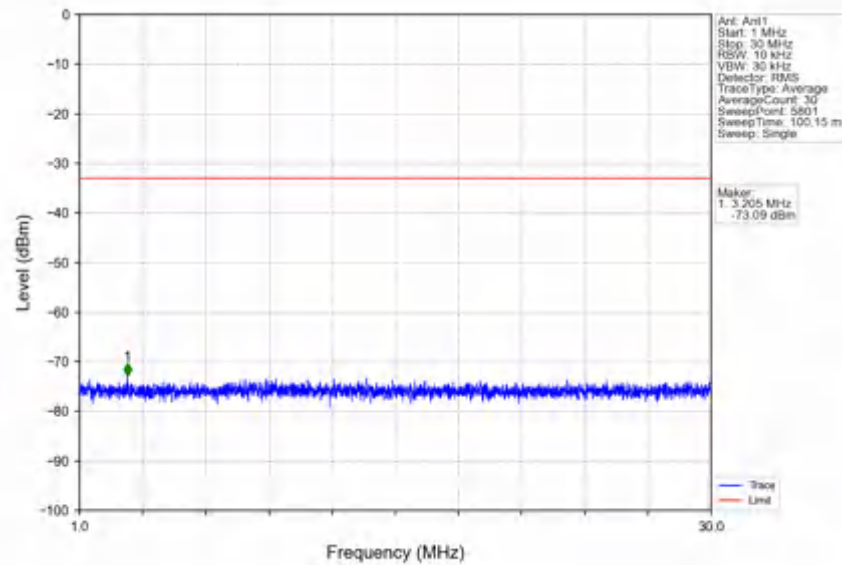


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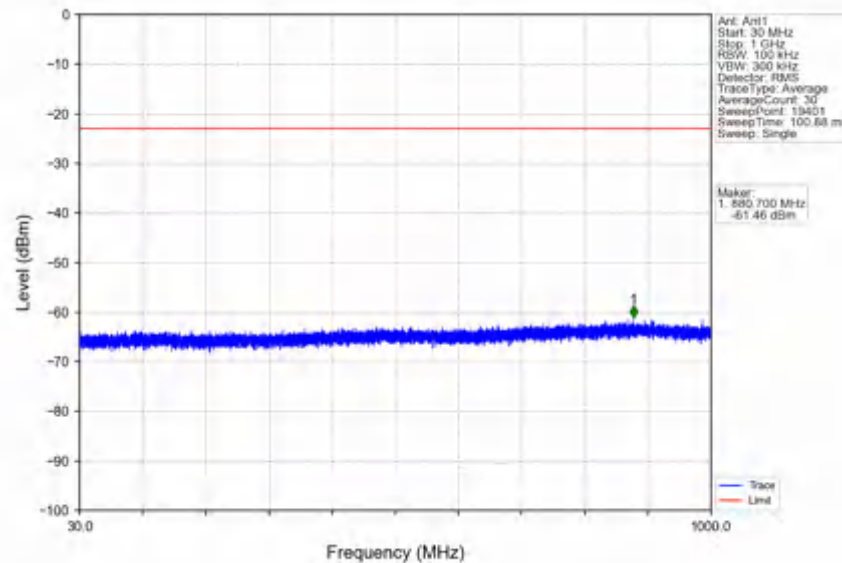
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n78e_30kHz_SISO_NTNV_70MHz_CP-OFDM QPSK_3514.98MHz_Inner_1RB_Right

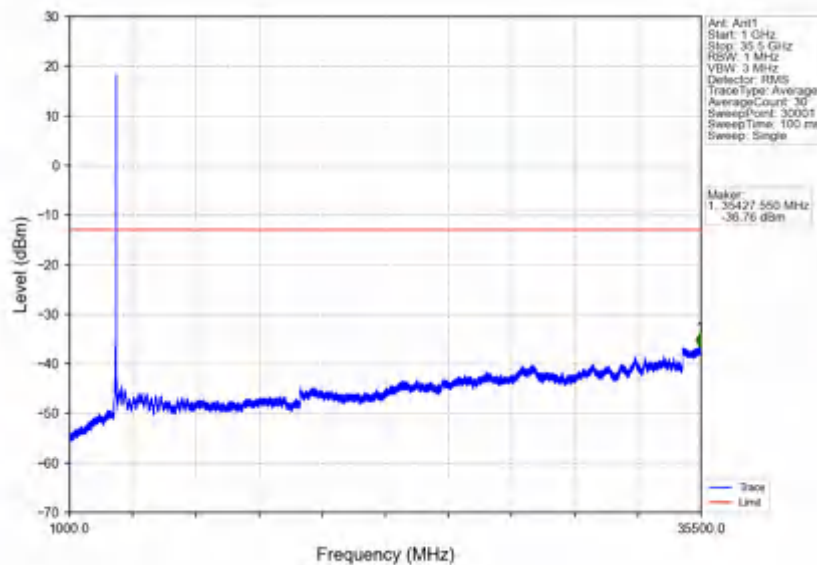


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n78e_30kHz_SISO_NTNV_70MHz_CP-OFDM QPSK_3514.98MHz_Inner_1RB_Right



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9.17 30k_SISO_80MHz_NTNV

9.17.1 Test Result

5G NR n78e SCS=30kHz SISO 80MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	3490.02	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
		Edge 1RB Right	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
DFT-s-OFDM QPSK	3490.02	Inner 1RB Right	Refer To Test Graph			Pass
	3500.01	Edge 1RB Left	Refer To Test Graph			Pass
		Edge 1RB Right	Refer To Test Graph			Pass
	3510	Outer Full	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass
CP-OFDM QPSK	3490.02	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
		Edge 1RB Right	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
CP-OFDM QPSK	3510	Inner 1RB Right	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass



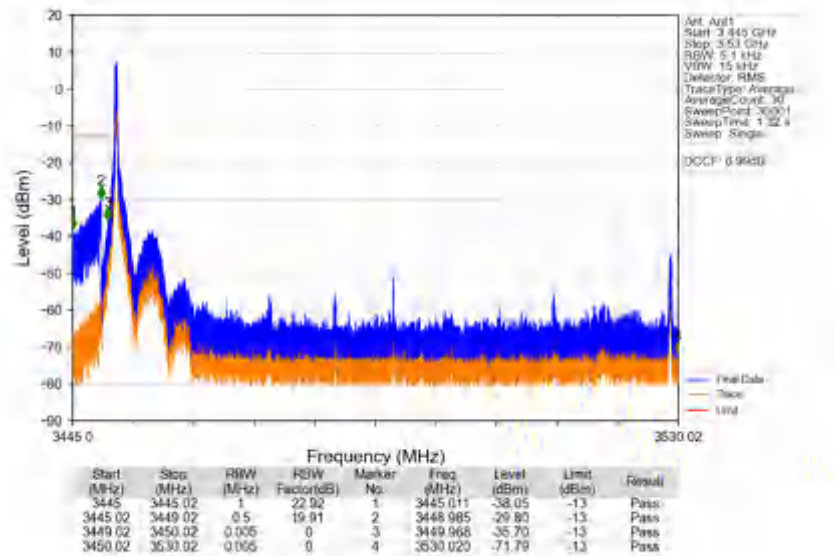
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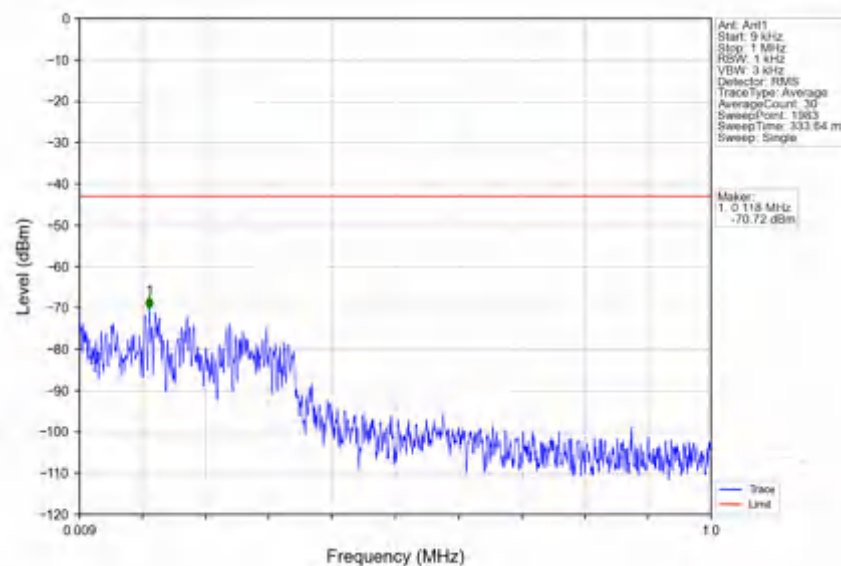
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0512-517715063 0512-517715064 400-818-888

9.17.2 Test Graph

n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3490.02MHz_Edge_1RB_Left



n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3490.02MHz_Edge_1RB_Left

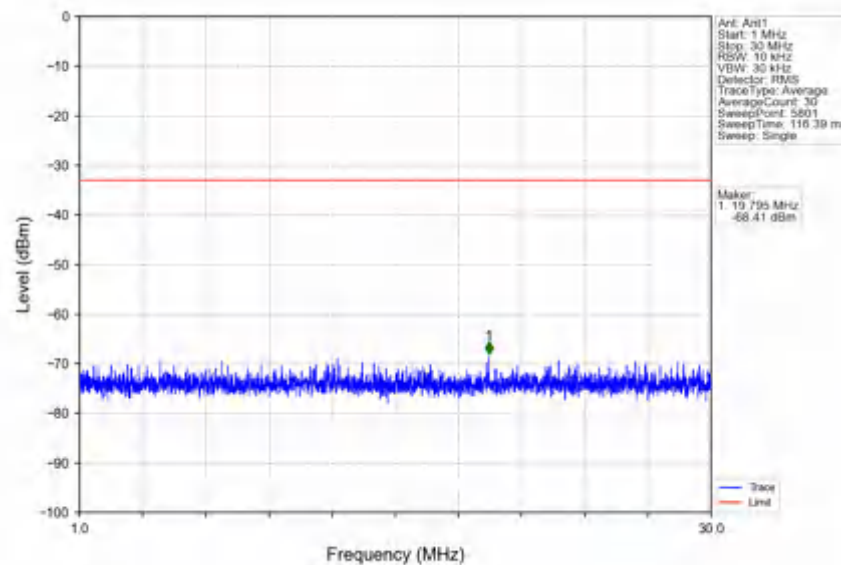


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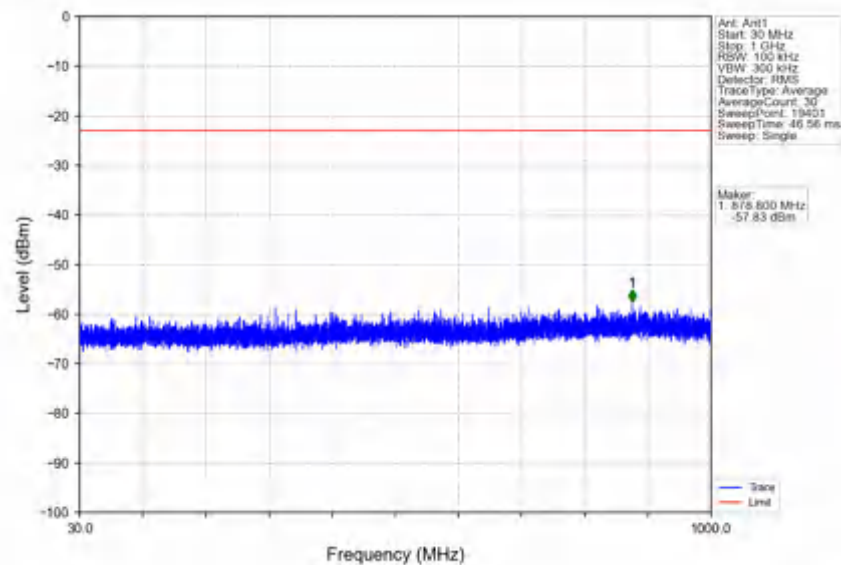
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n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3490.02MHz_Edge_1RB_Left

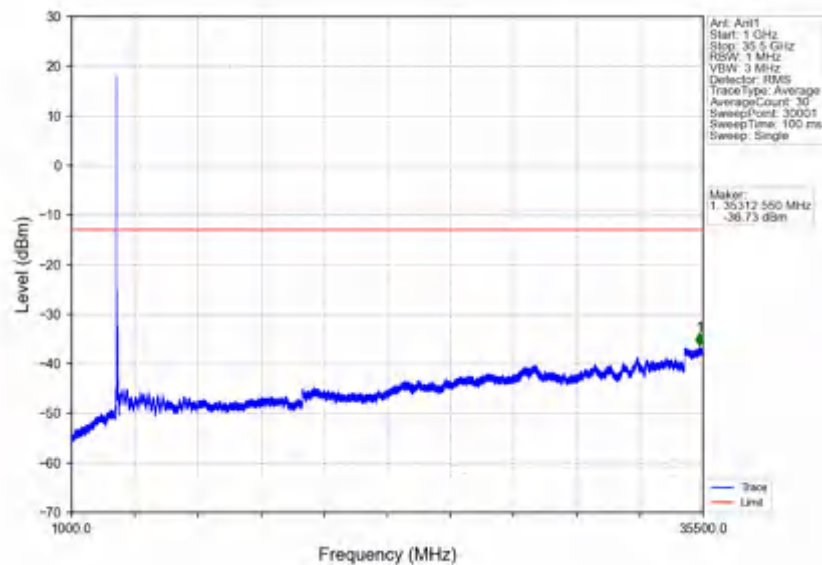


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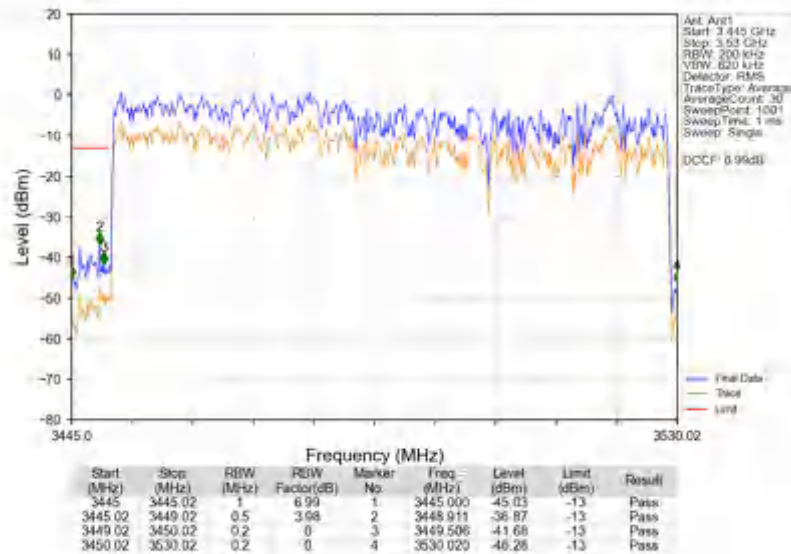
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n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3490.02MHz_Edge_1RB_Left



n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3490.02MHz_Outer_Full

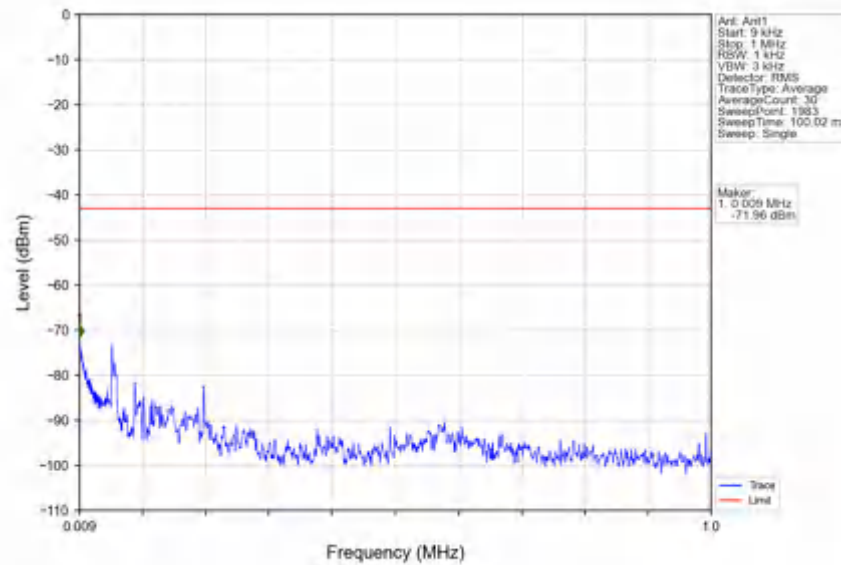


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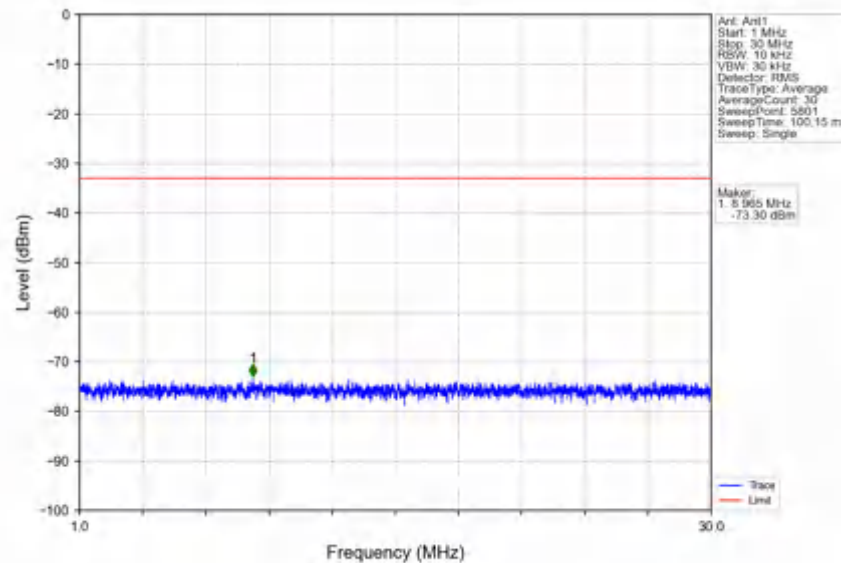
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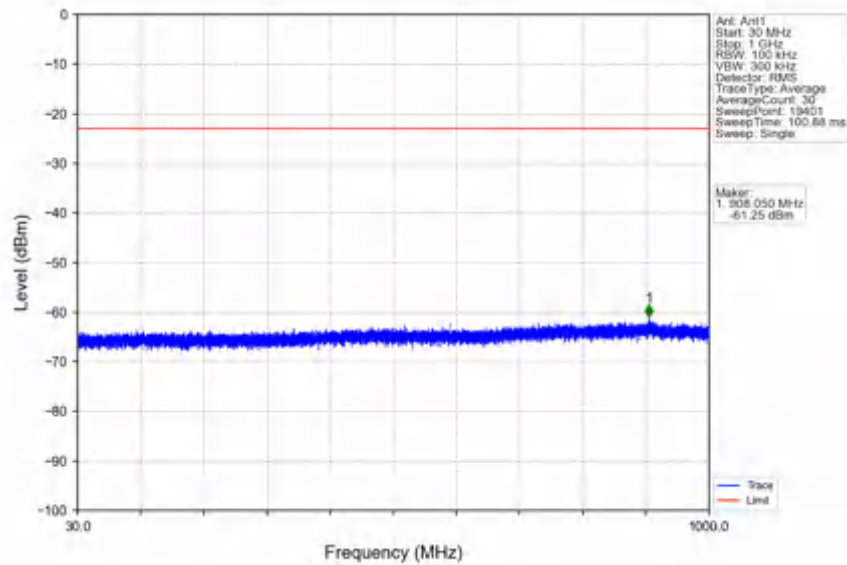


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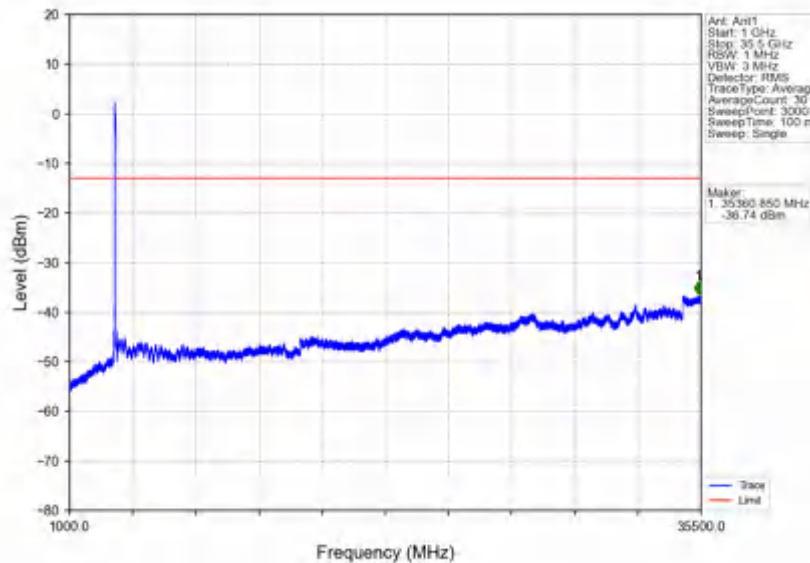
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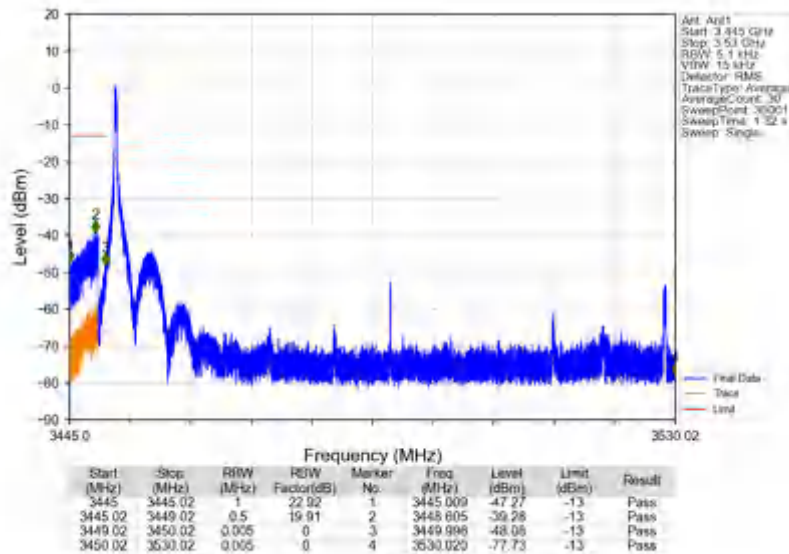


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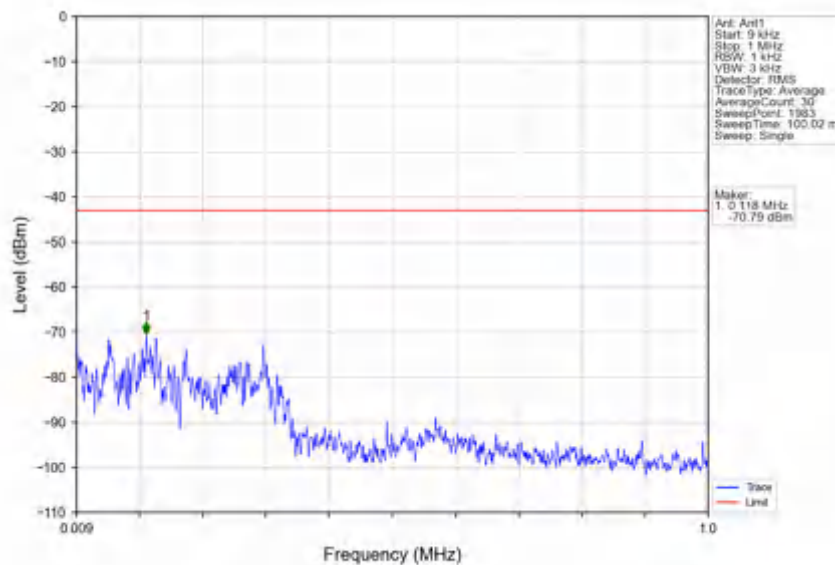
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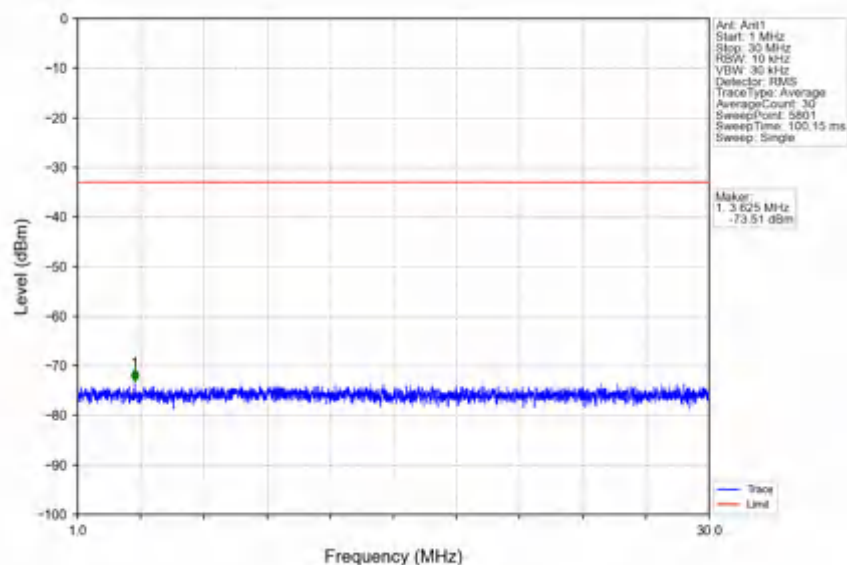


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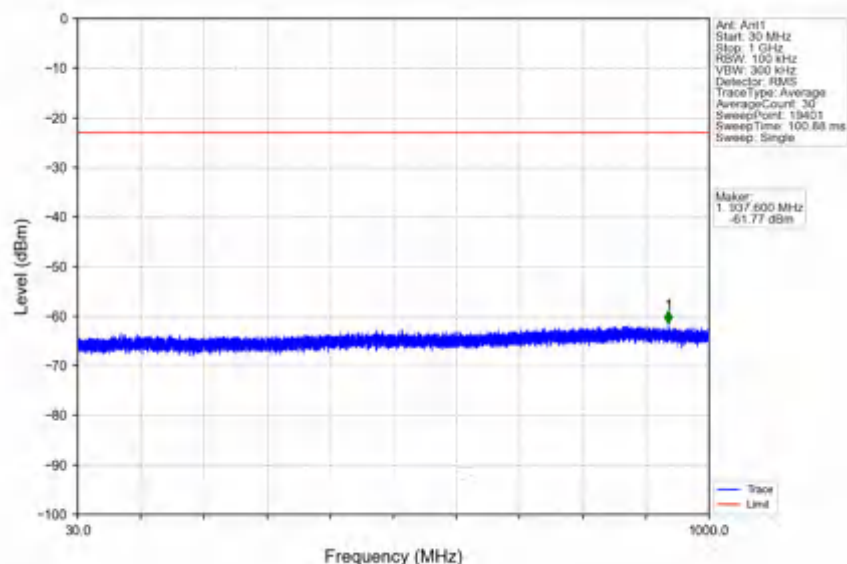
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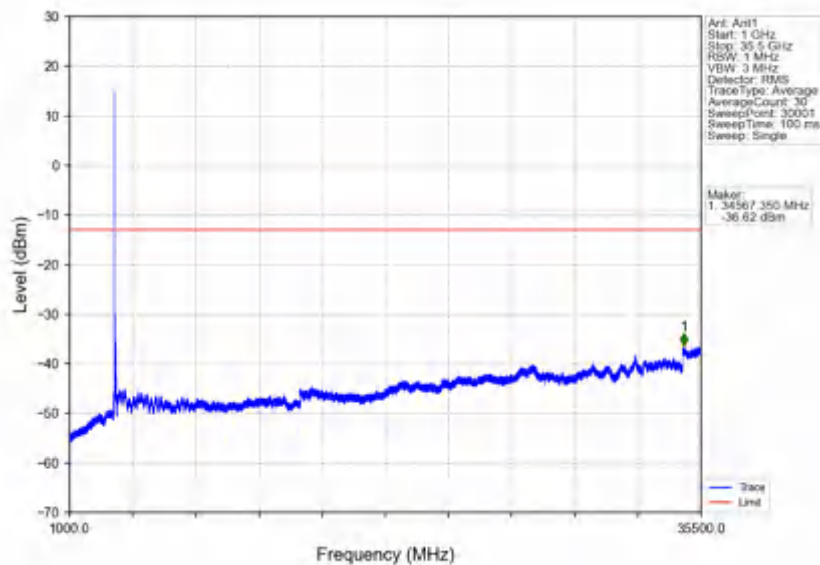


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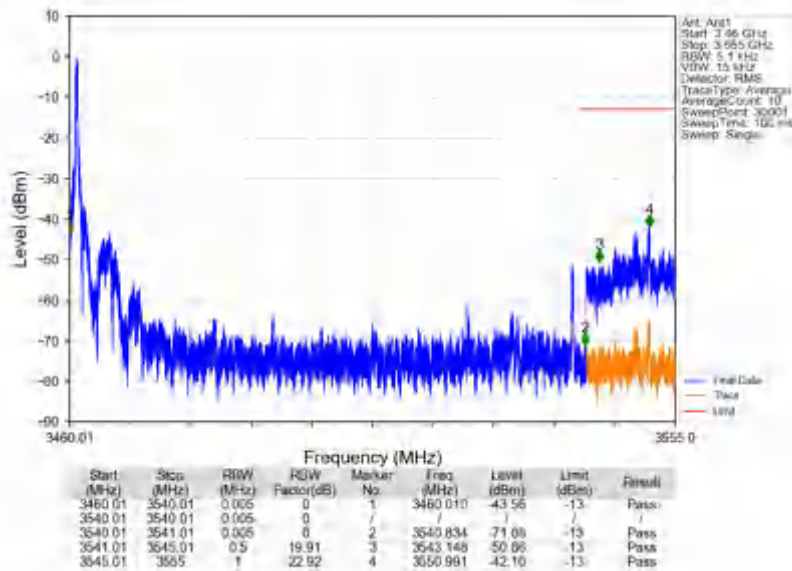
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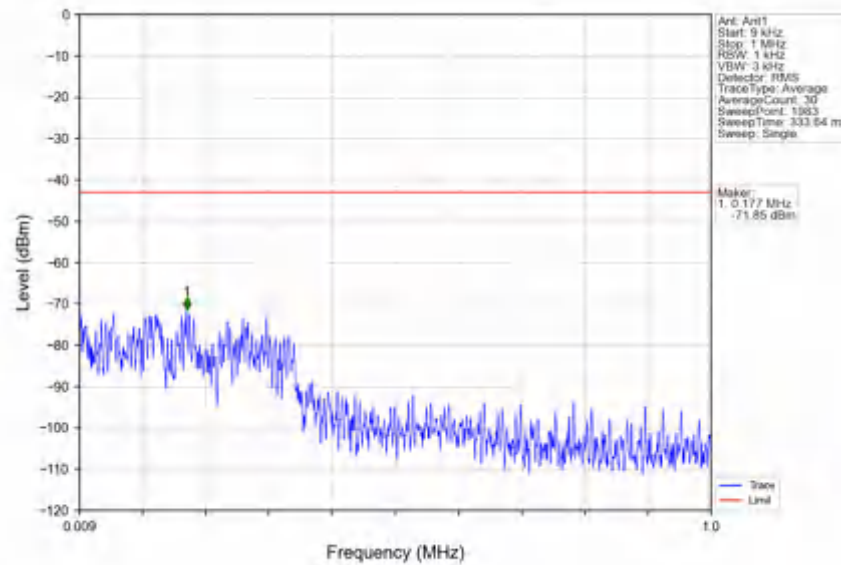


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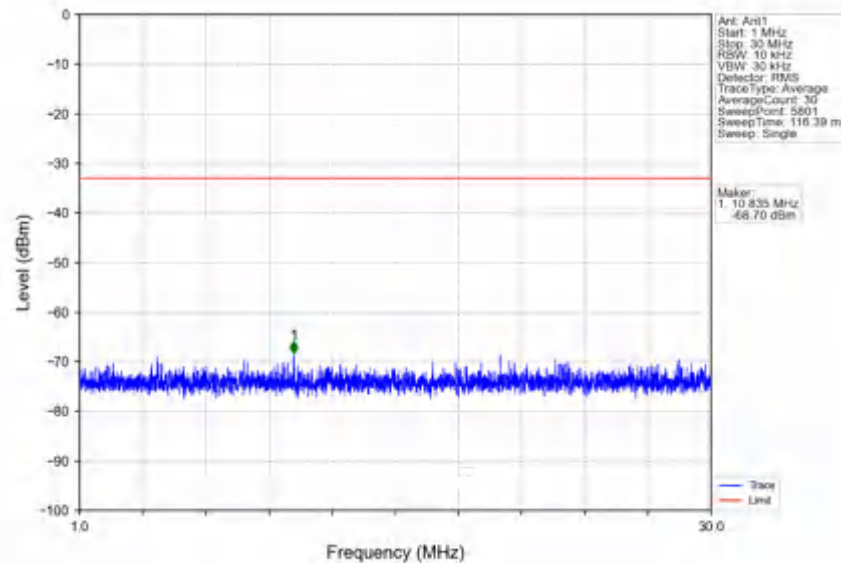
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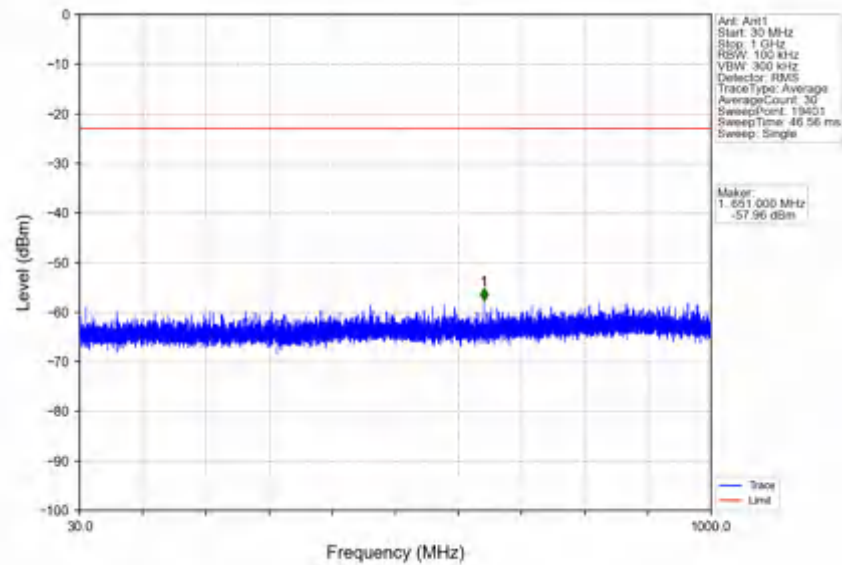


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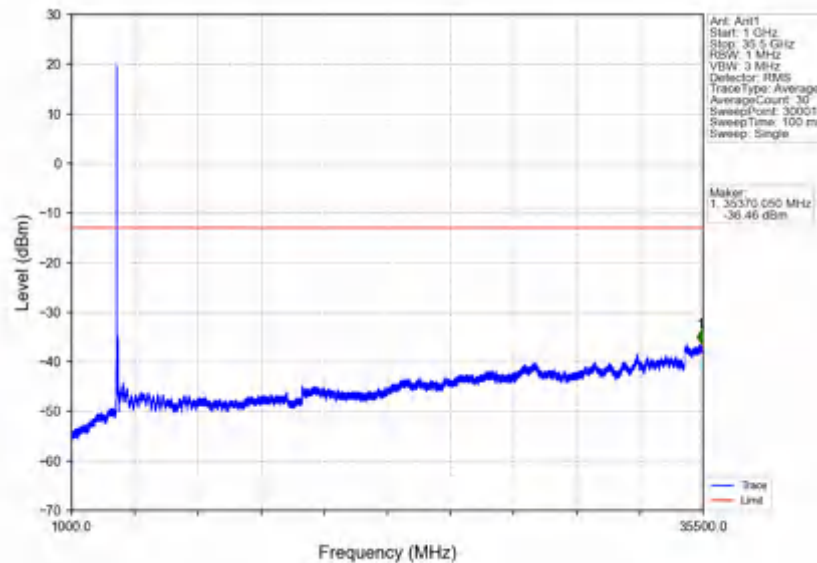
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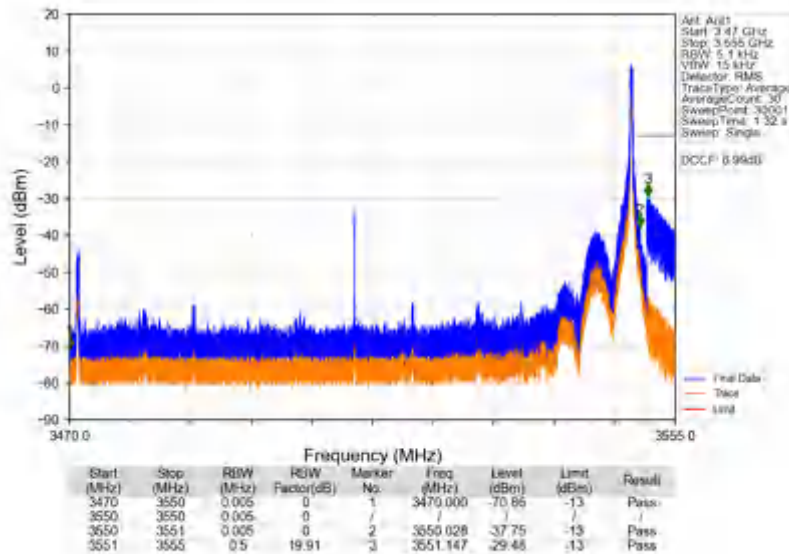


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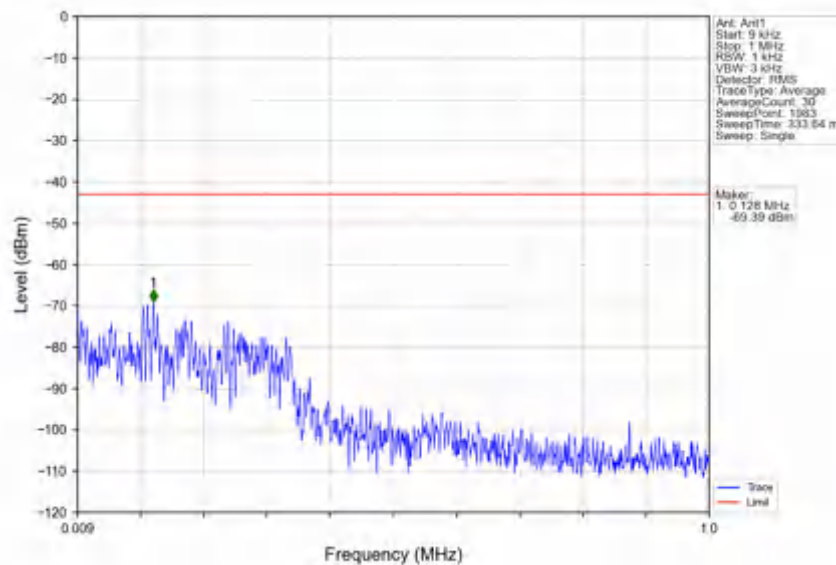
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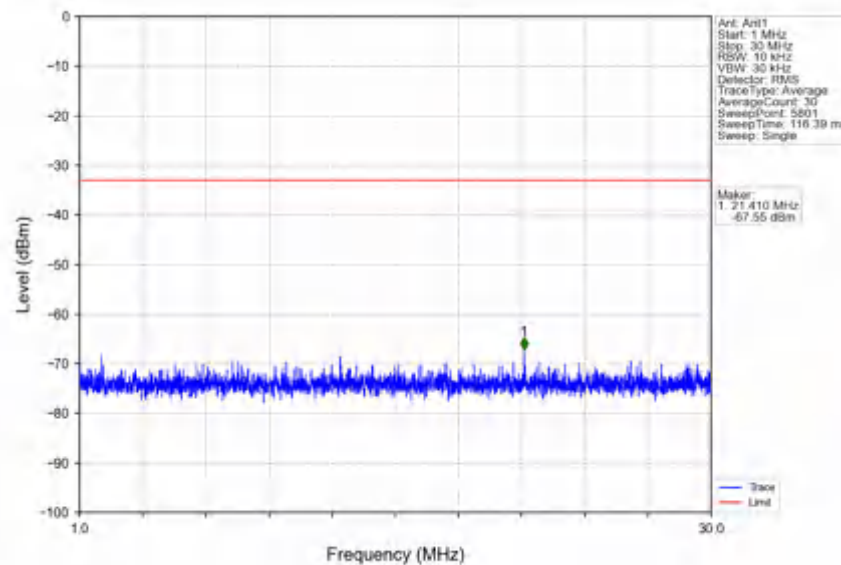
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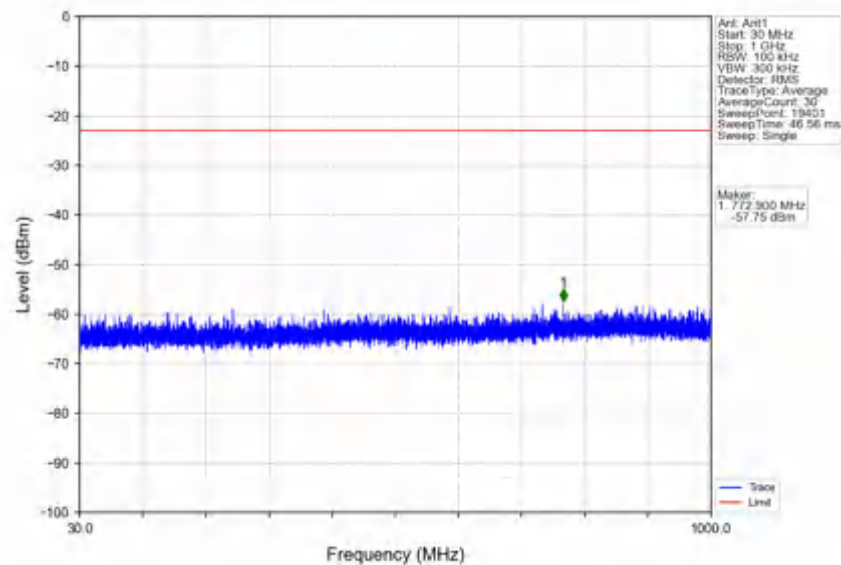
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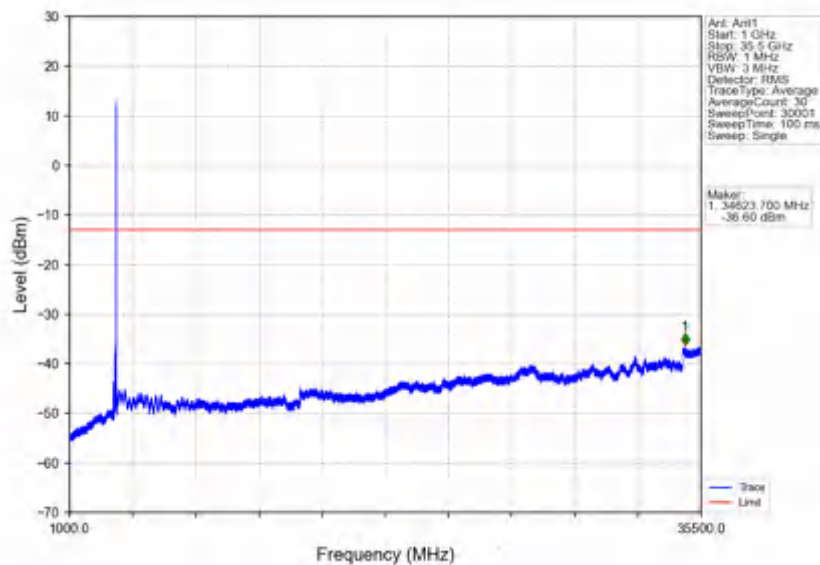


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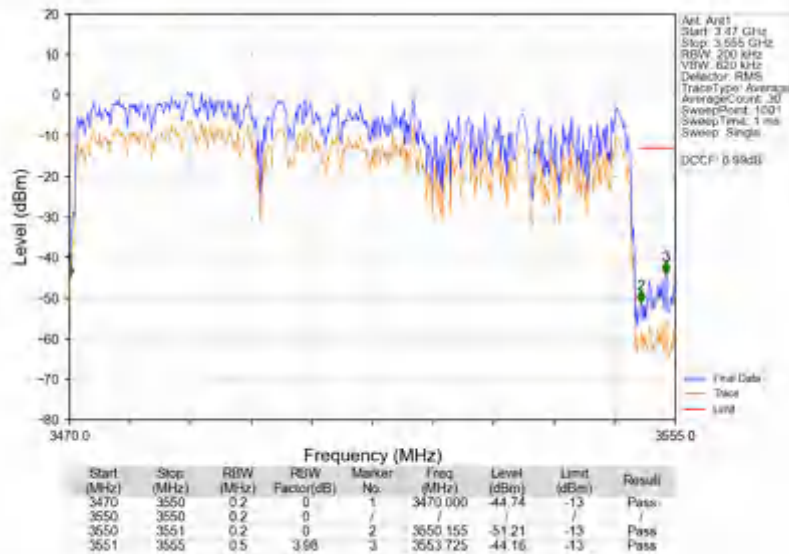
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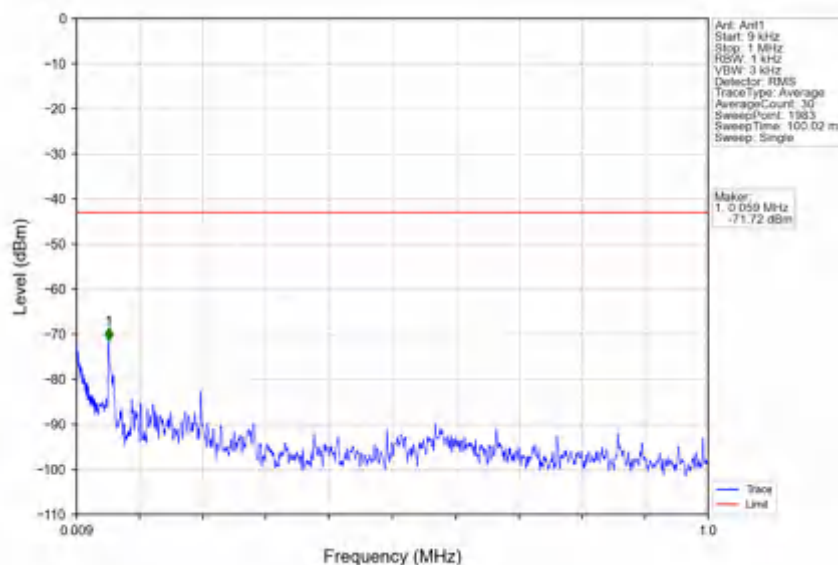


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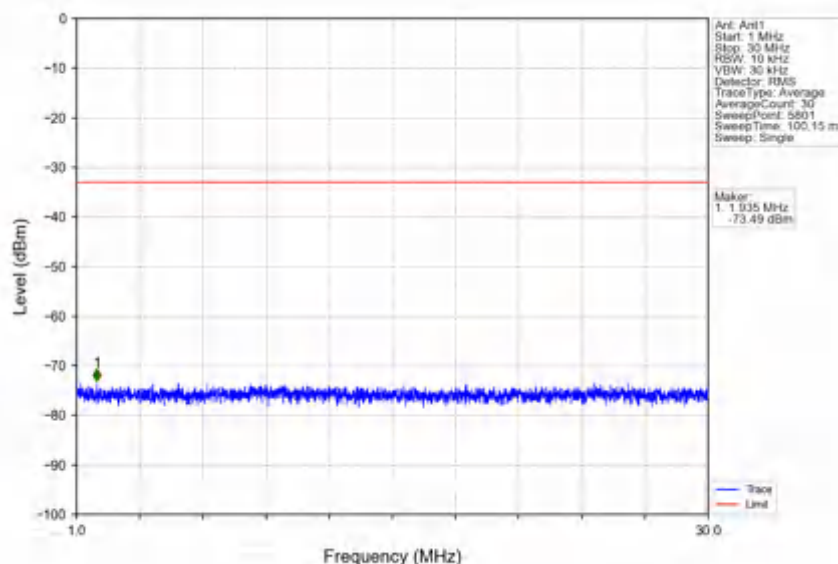
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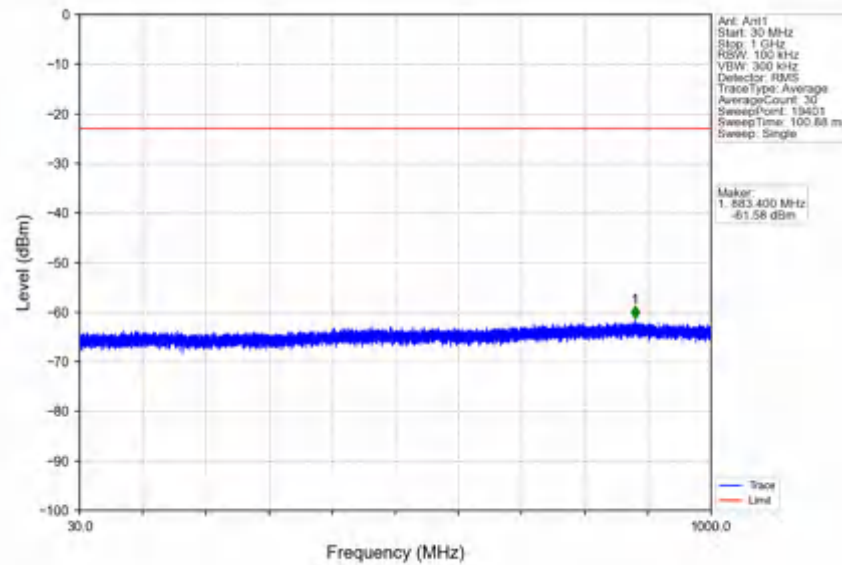


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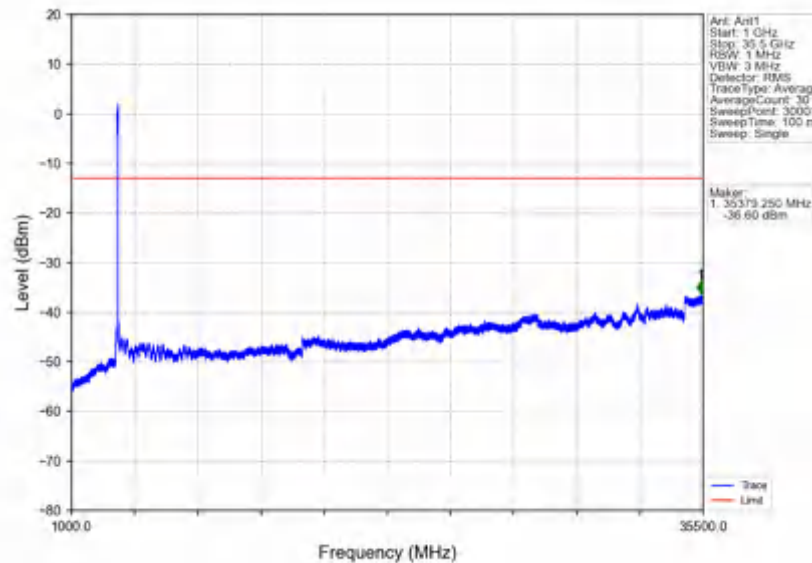
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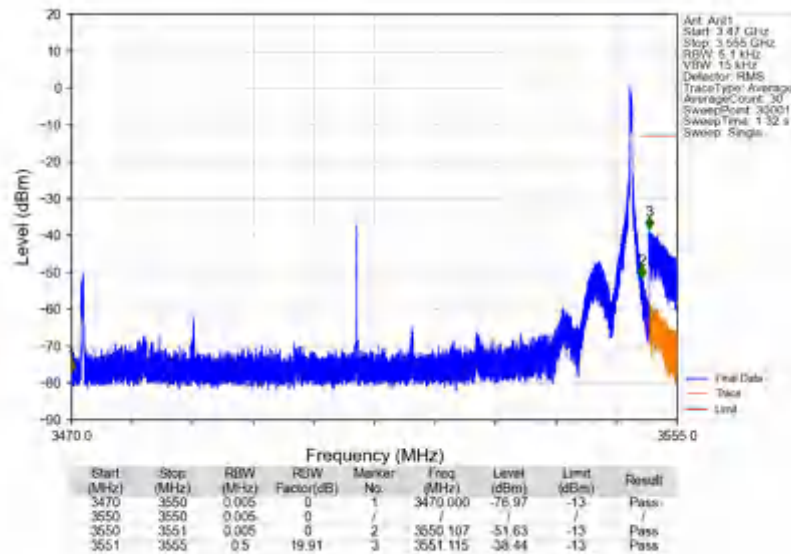


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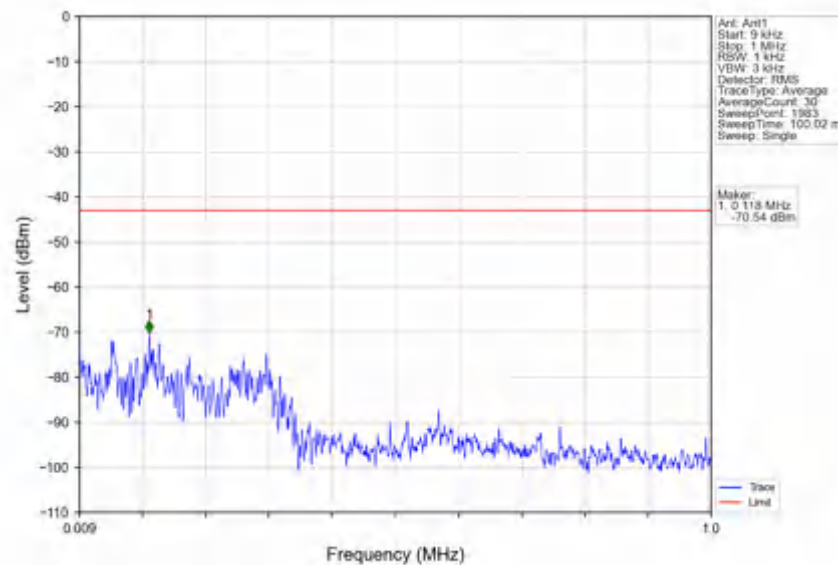
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n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_PI/2_BPSK_3510MHz_Inner_1RB_Right

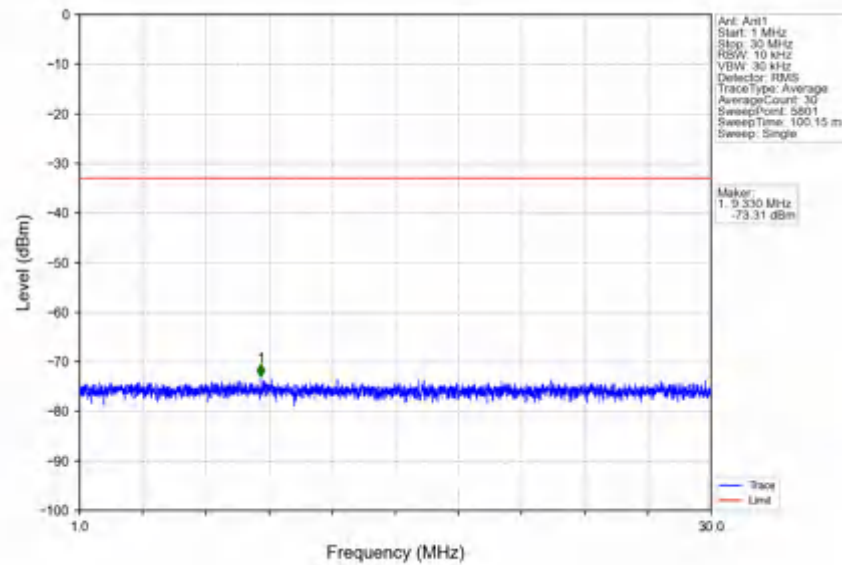


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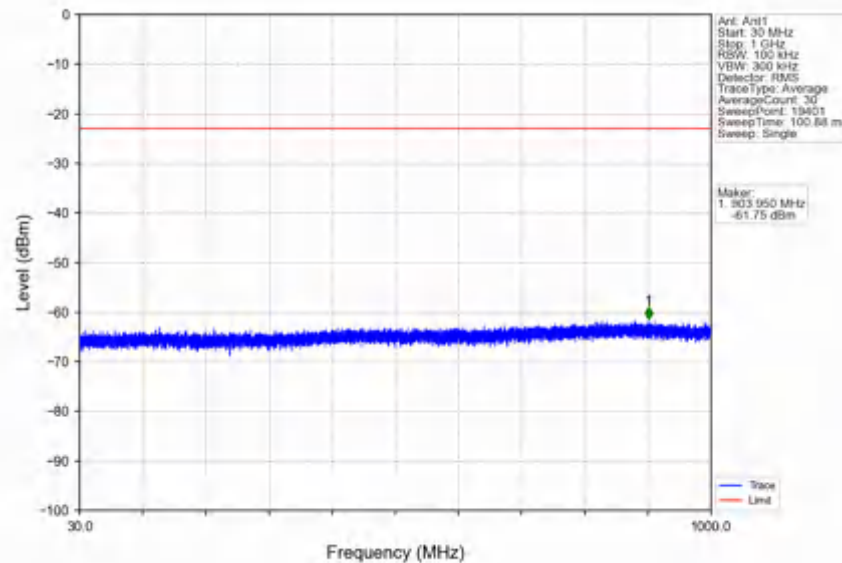
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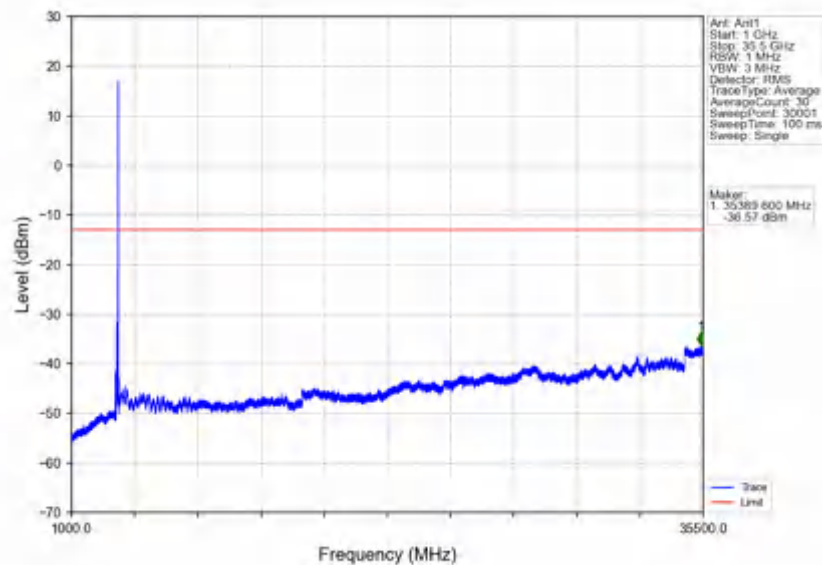


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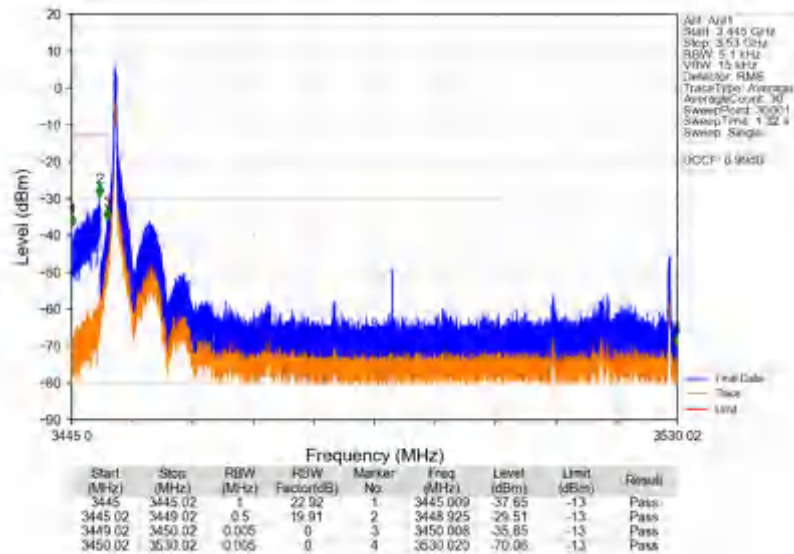
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n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3510MHz_Inner_1RB_Right



n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3490.02MHz_Edge_1RB_Left

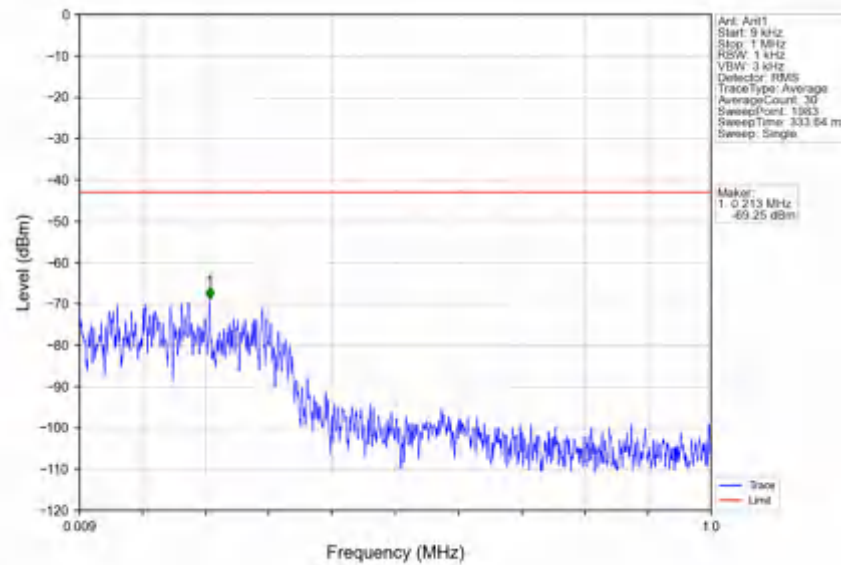


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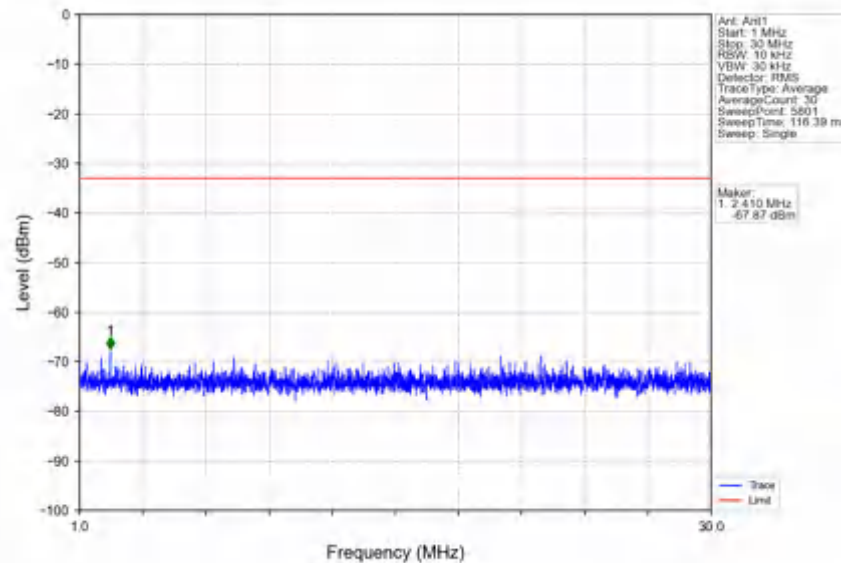
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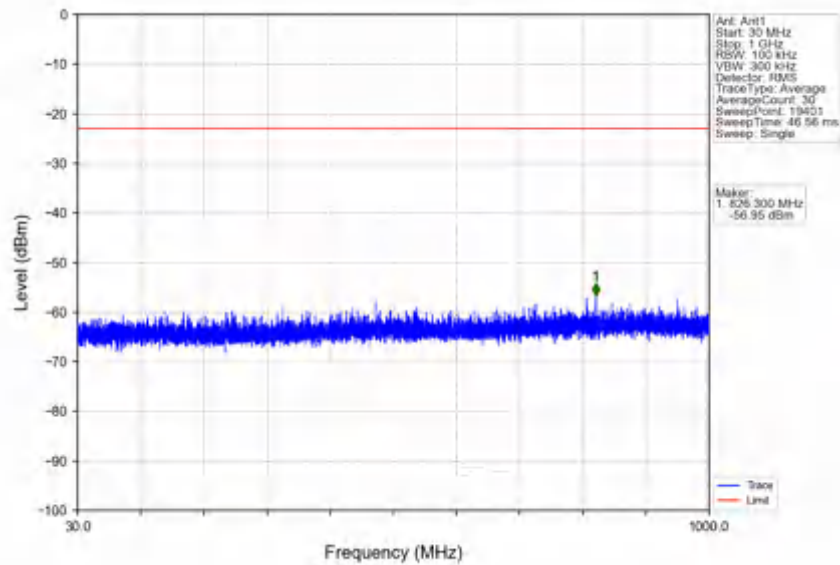


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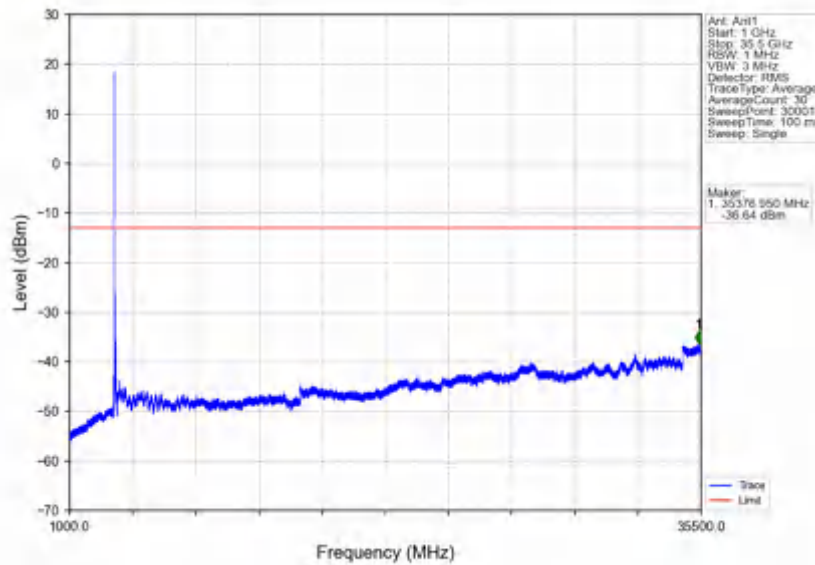
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n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_QPSK_3490.02MHz_Edge_1RB_Left



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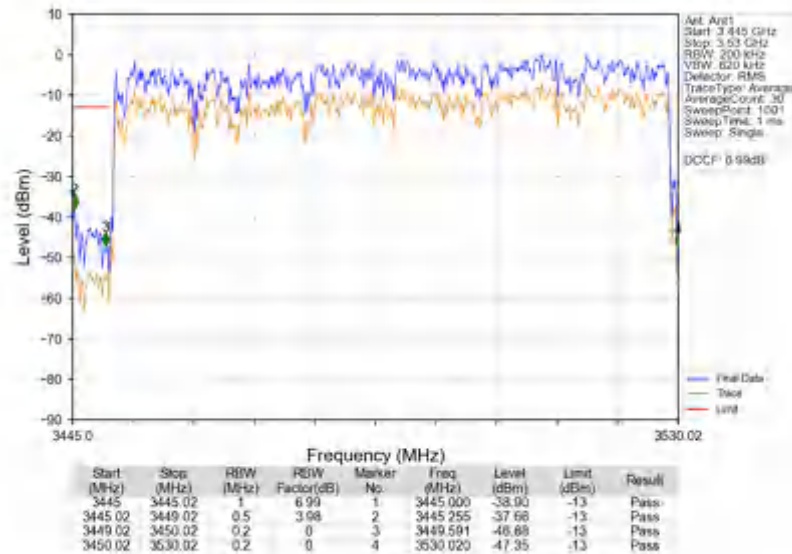


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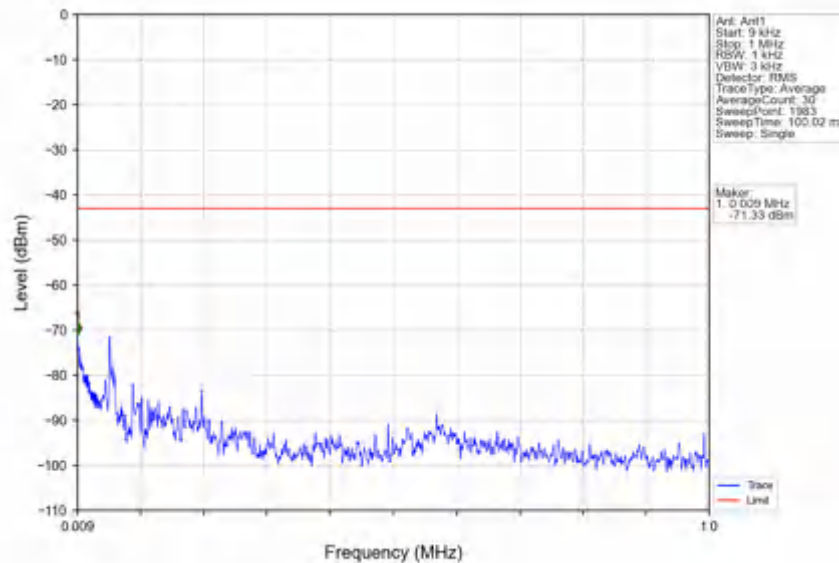
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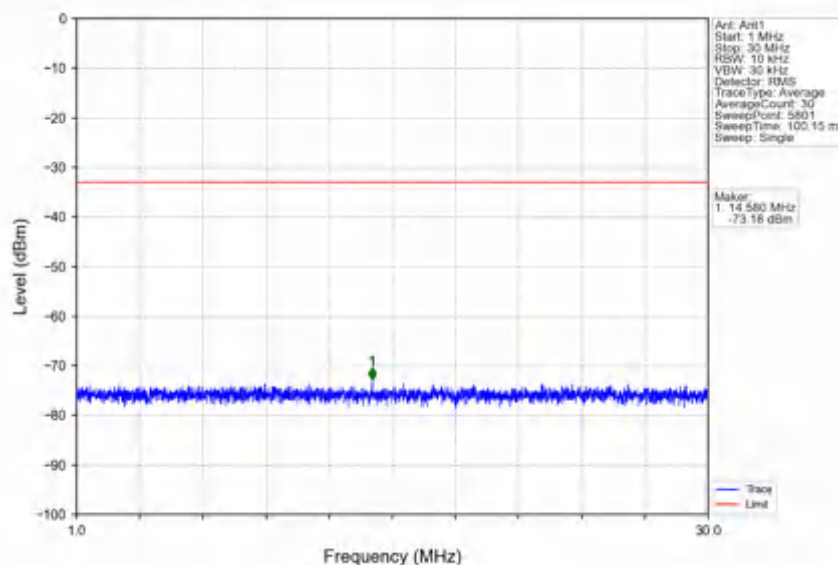


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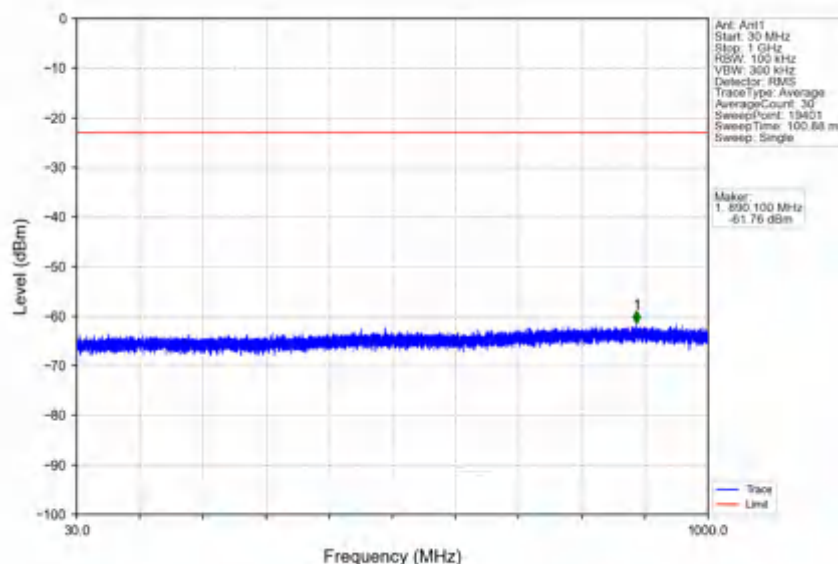
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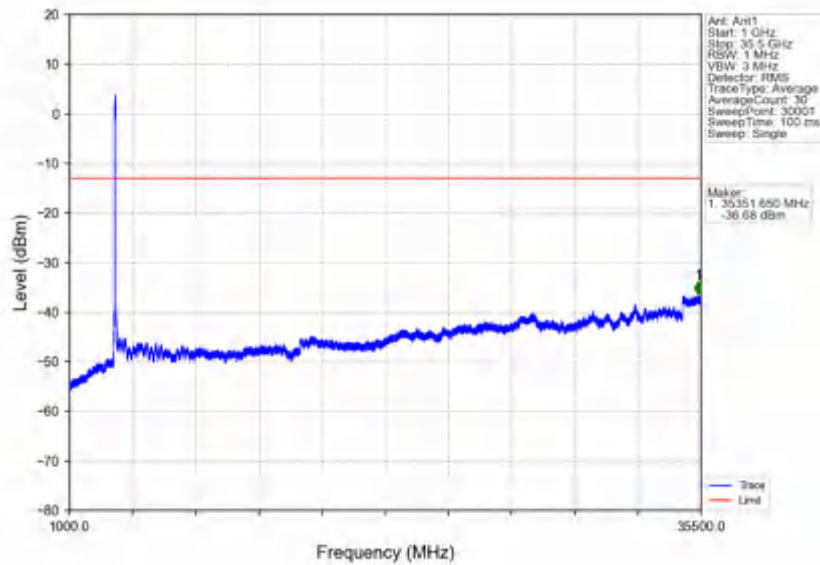


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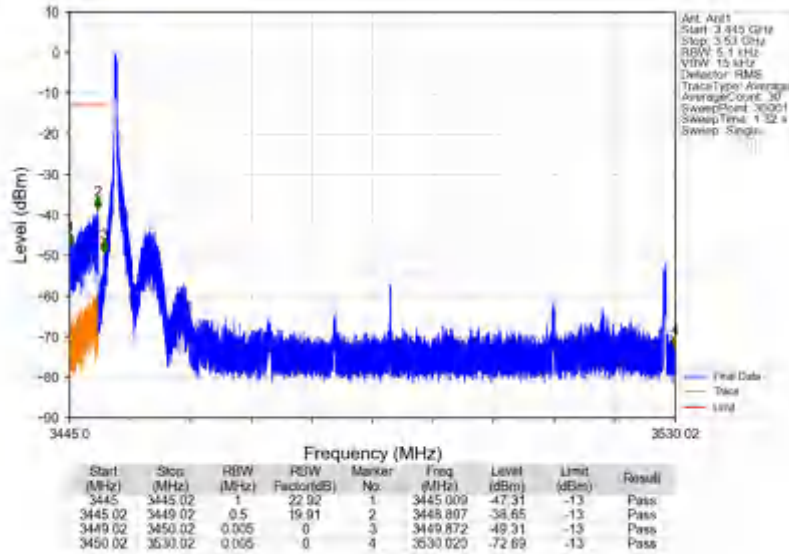
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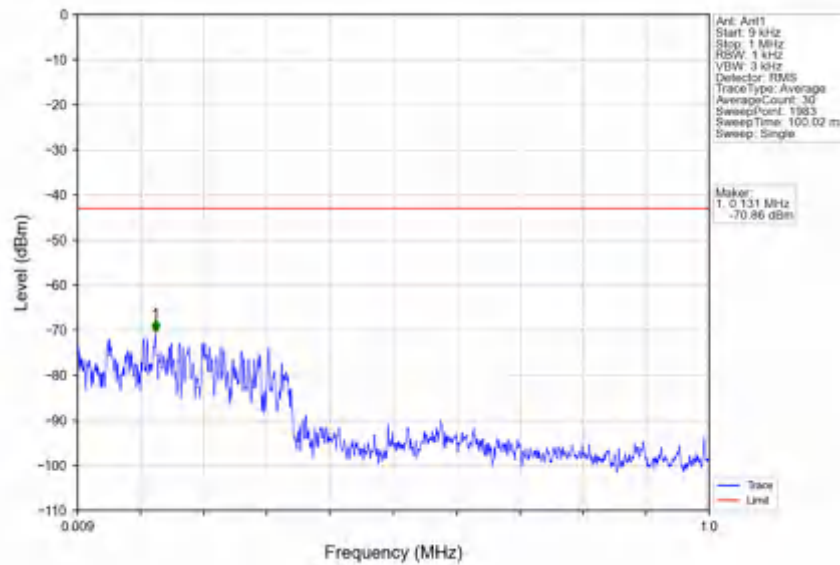


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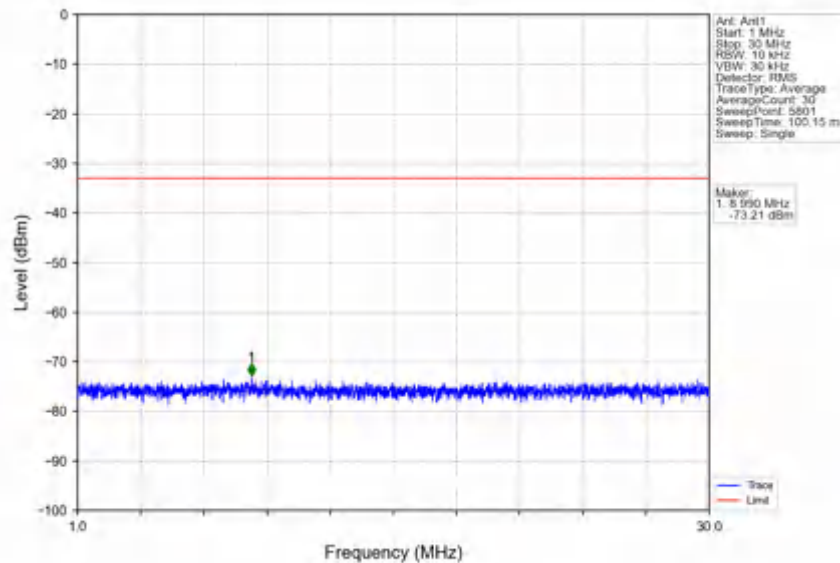
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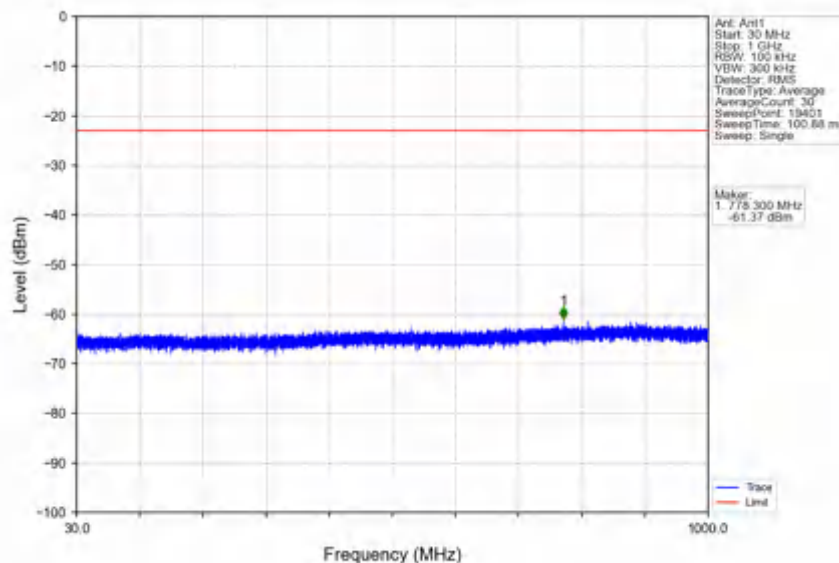


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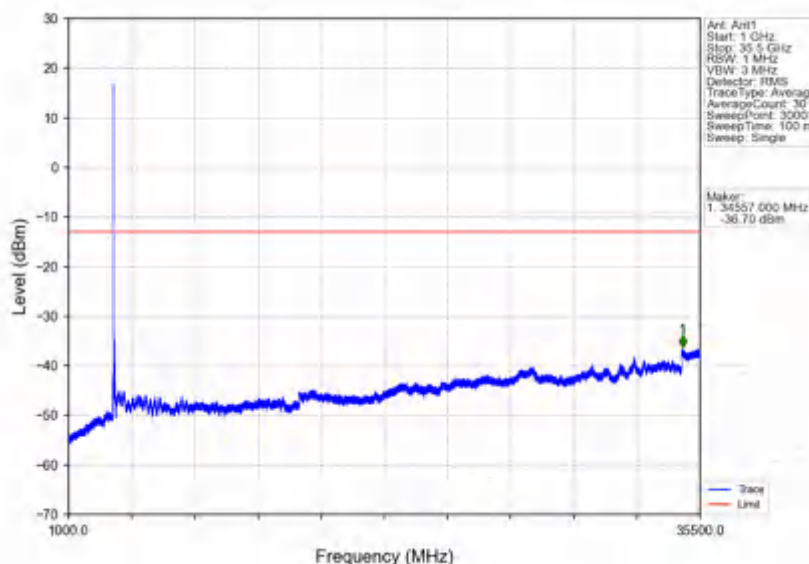
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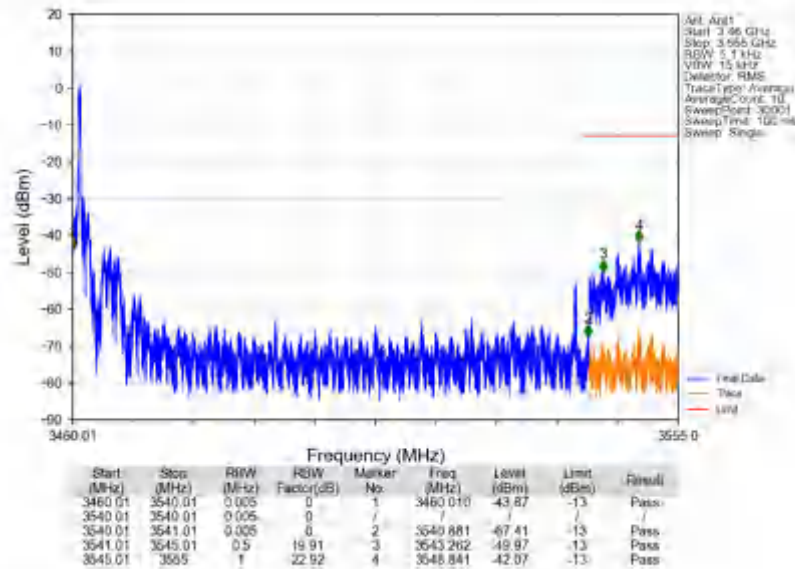


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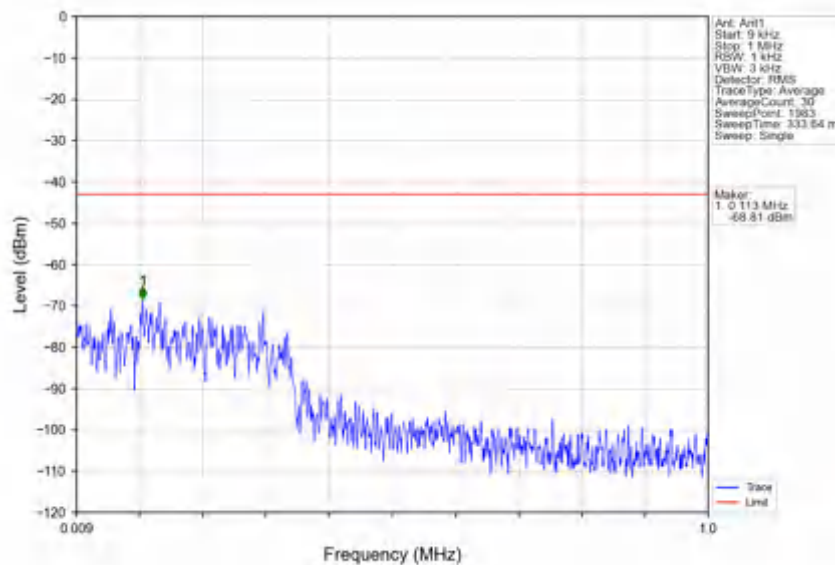
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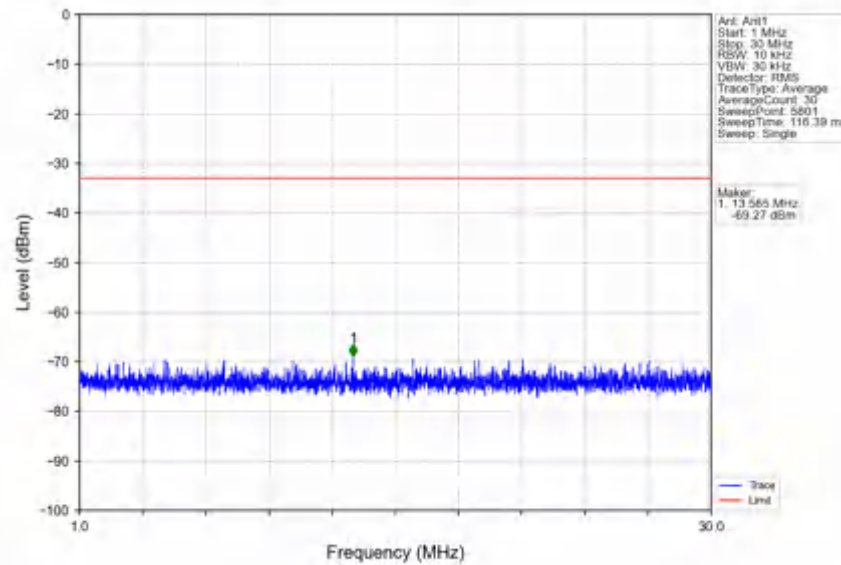


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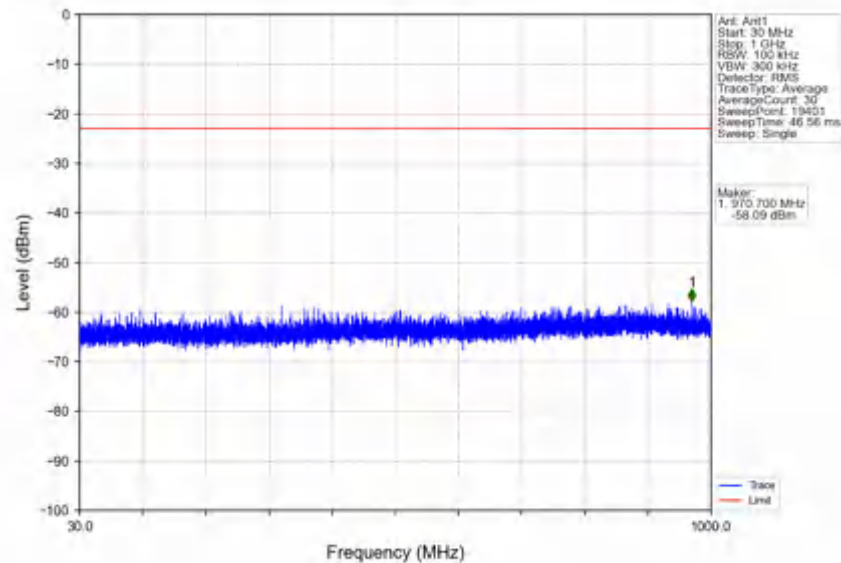
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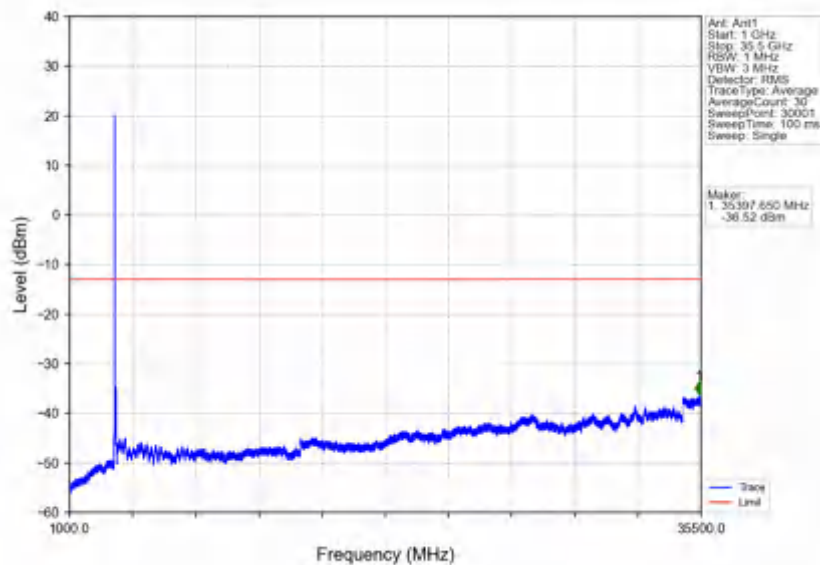


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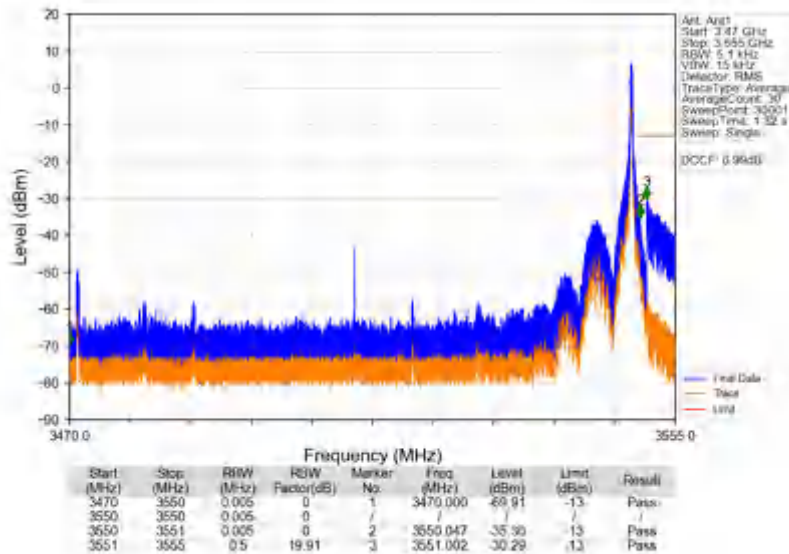
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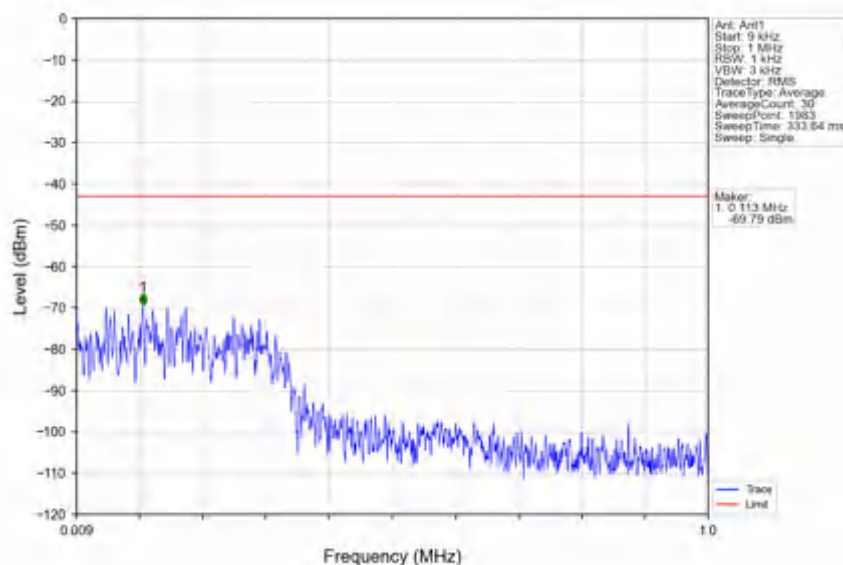


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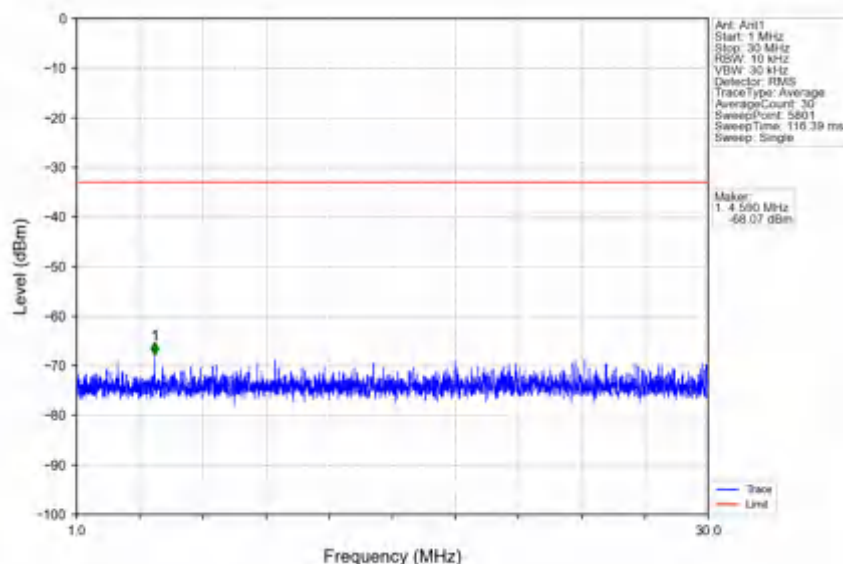
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 0512-51773088 0512-51773089 4006588888

n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3510MHz_Edge_1RB_Right



n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3510MHz_Edge_1RB_Right

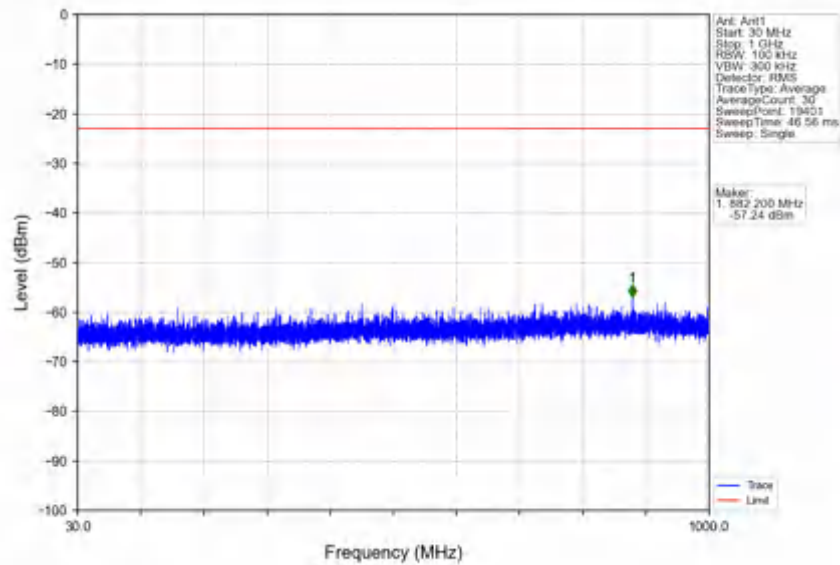


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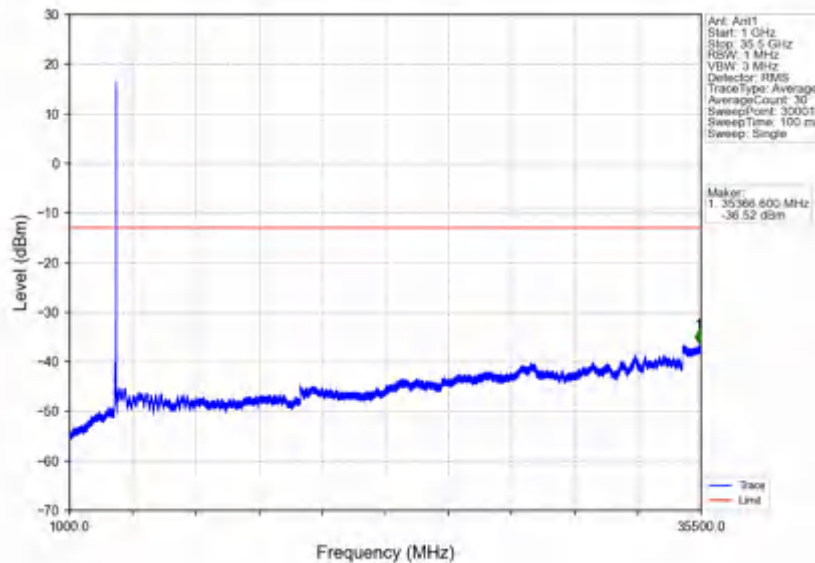
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n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3510MHz_Edge_1RB_Right



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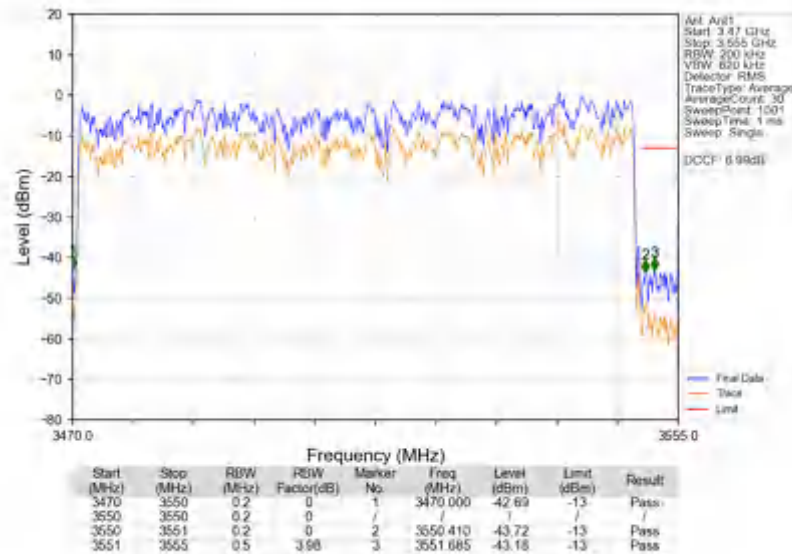


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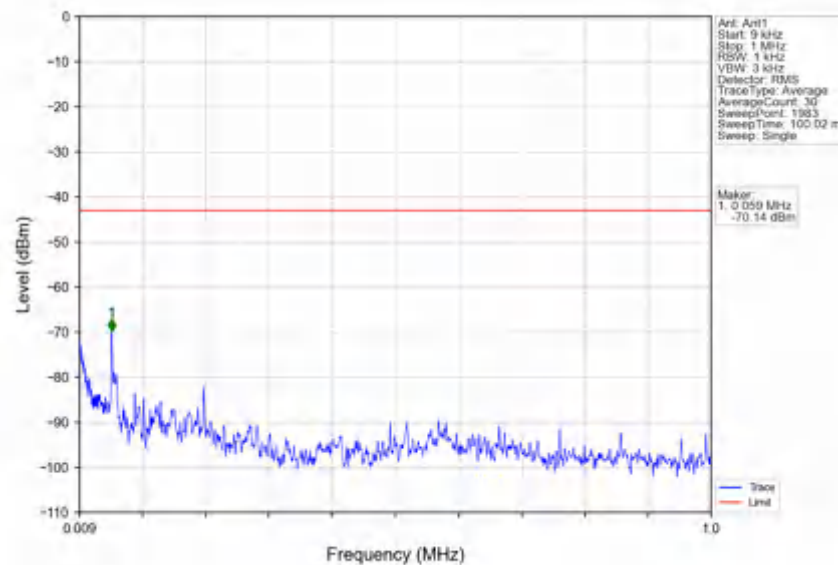
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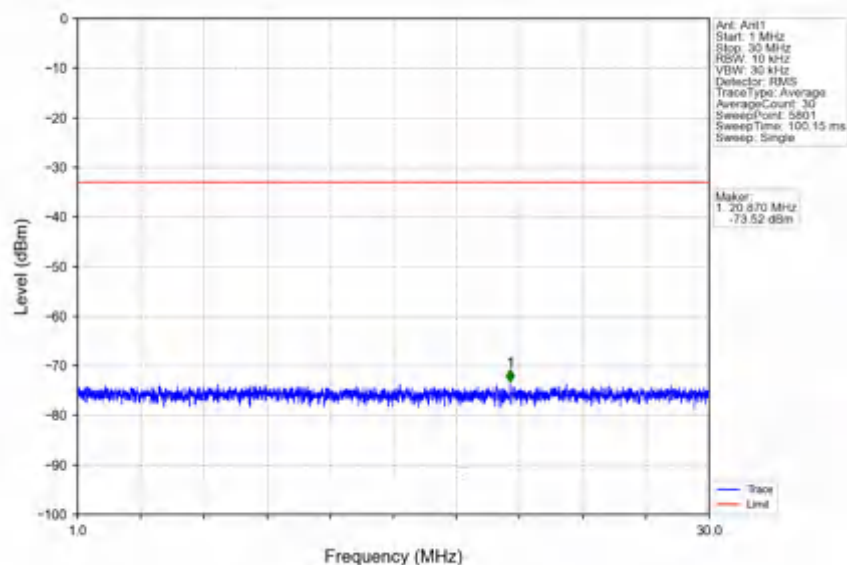


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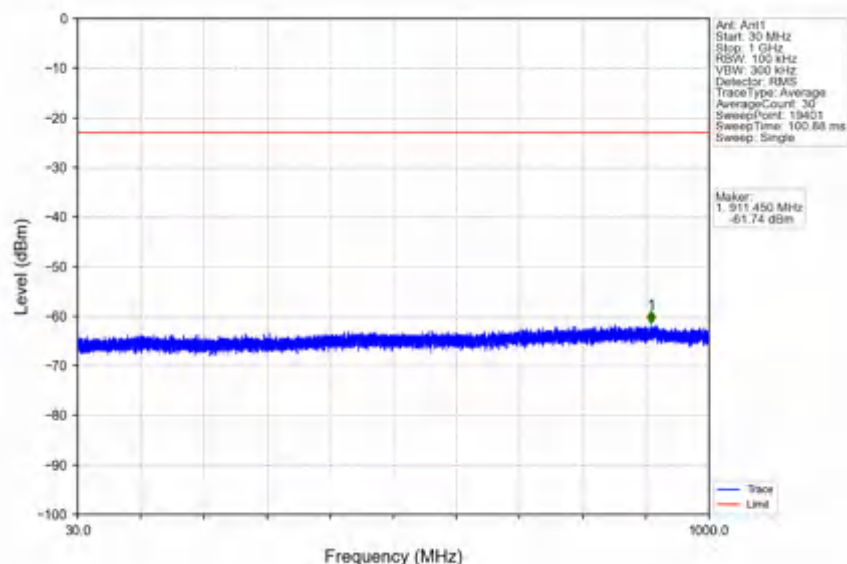
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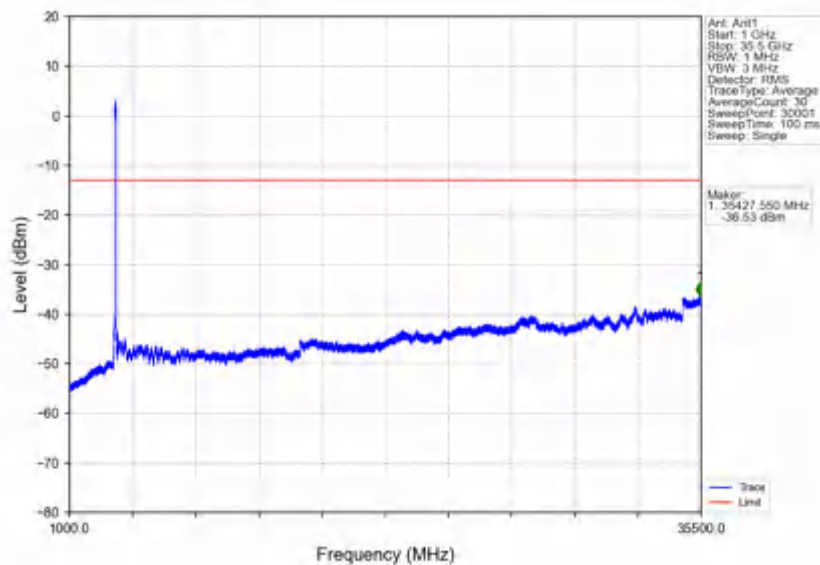


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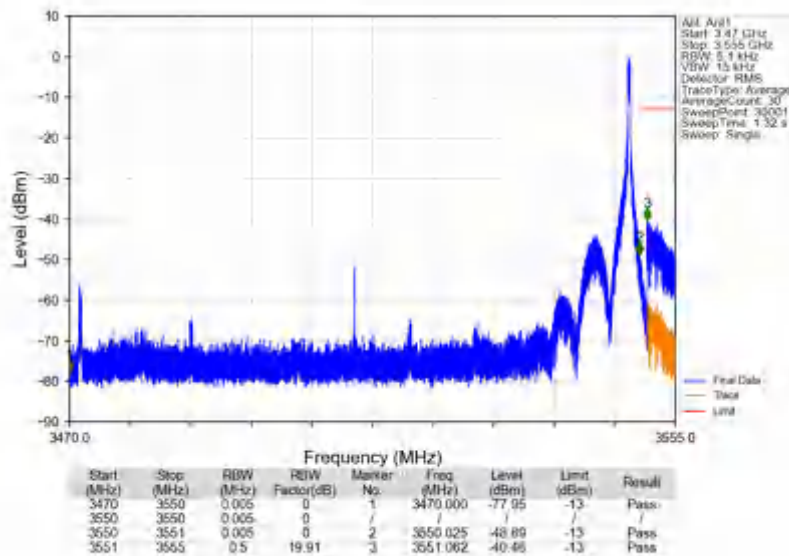
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n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3510MHz_Outer_Full



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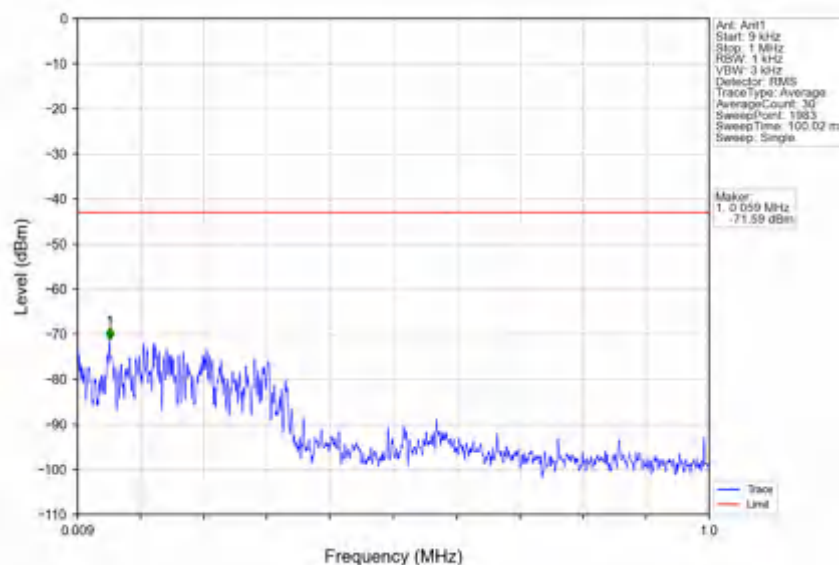


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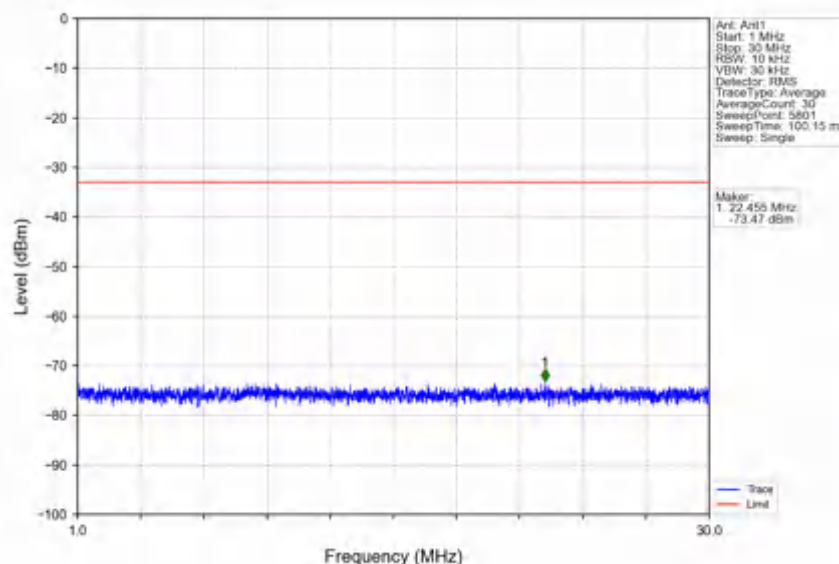
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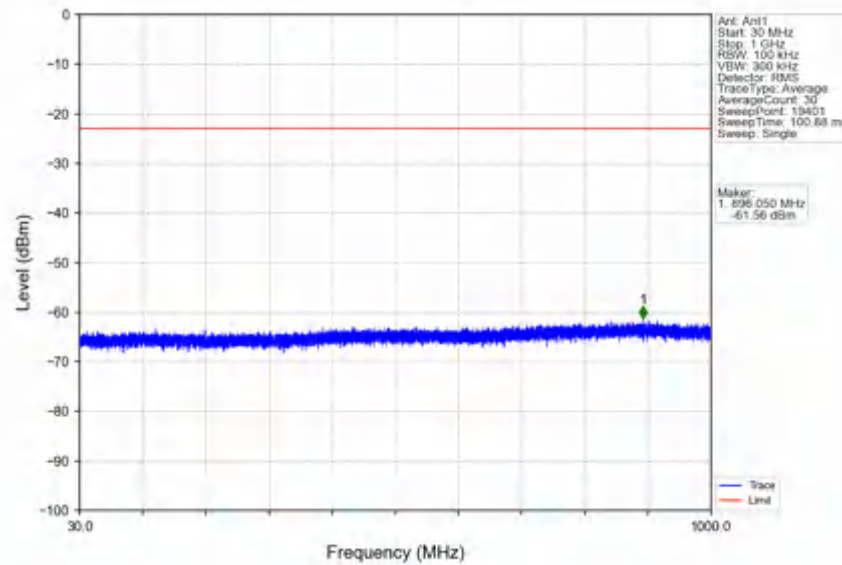


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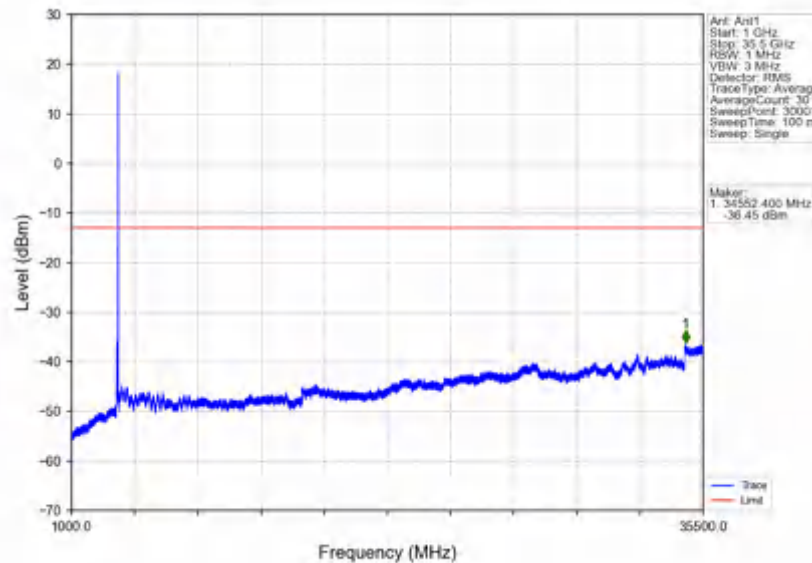
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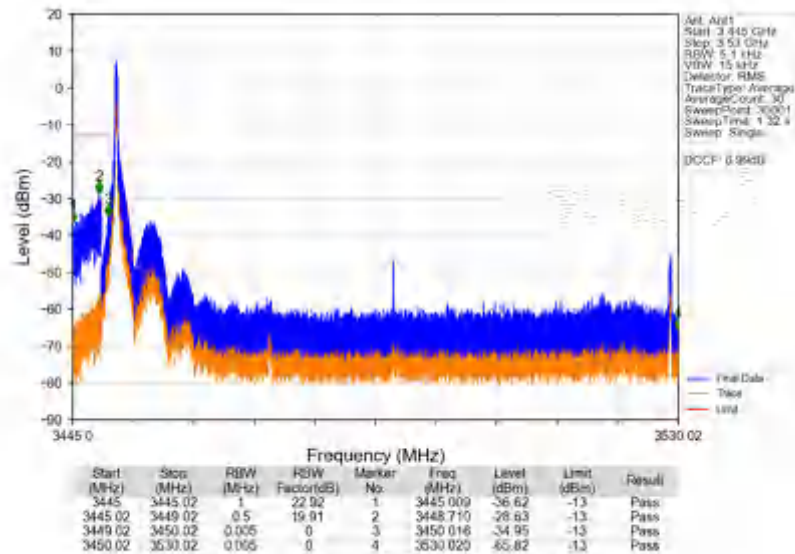


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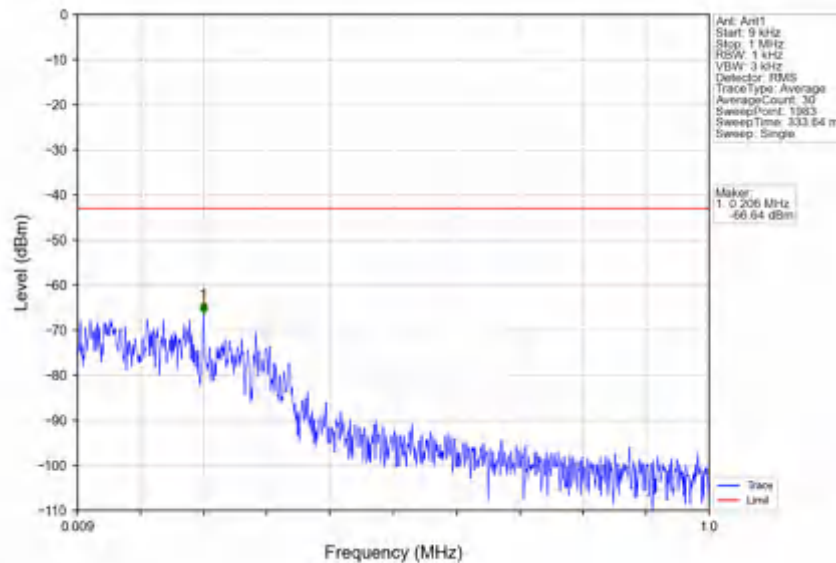
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n78e_30kHz_SISO_NTV_80MHz_CP-OFDM_QPSK_3490.02MHz_Edge_1RB_Left



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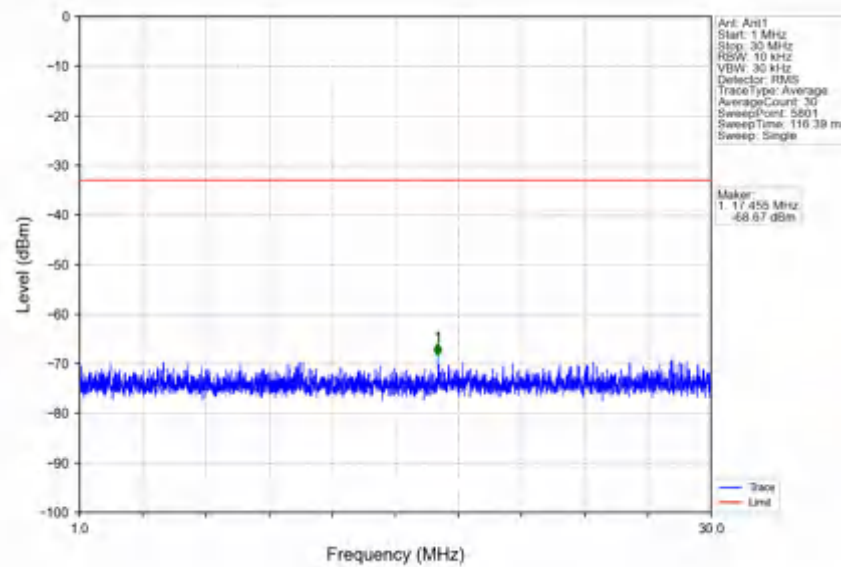


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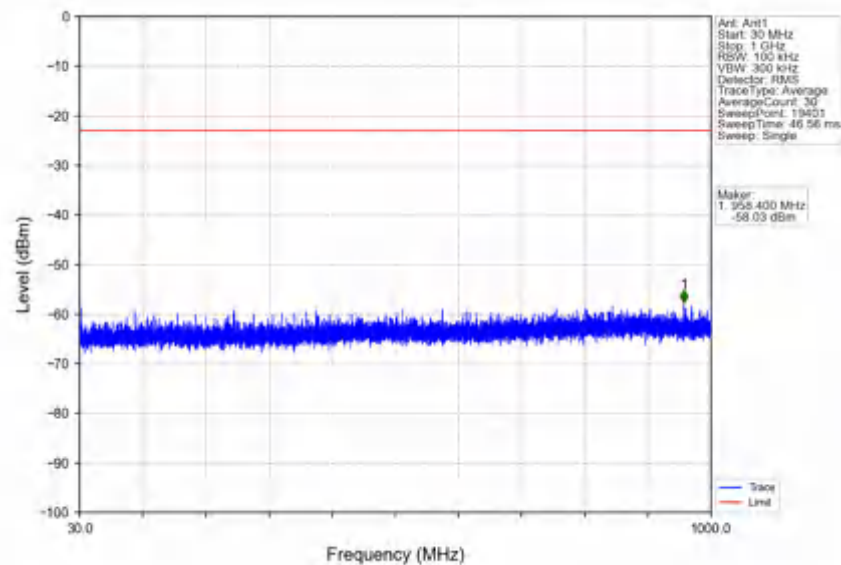
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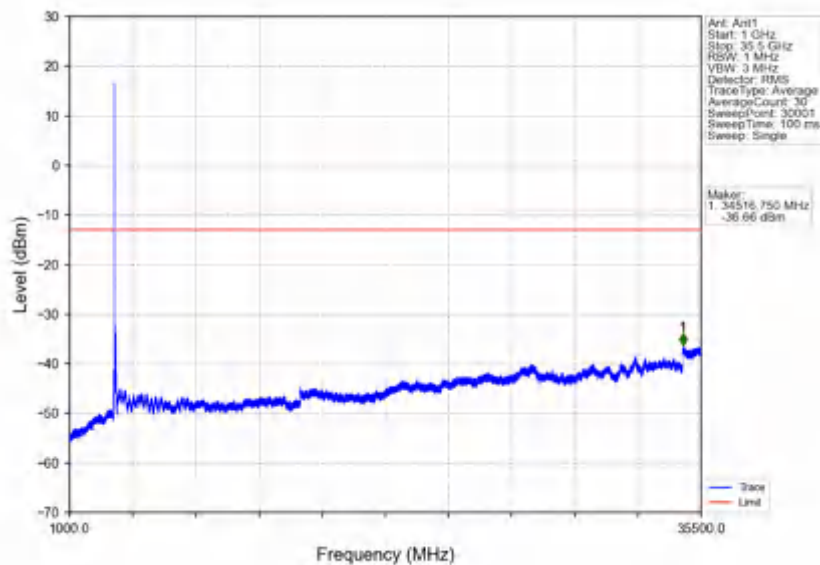


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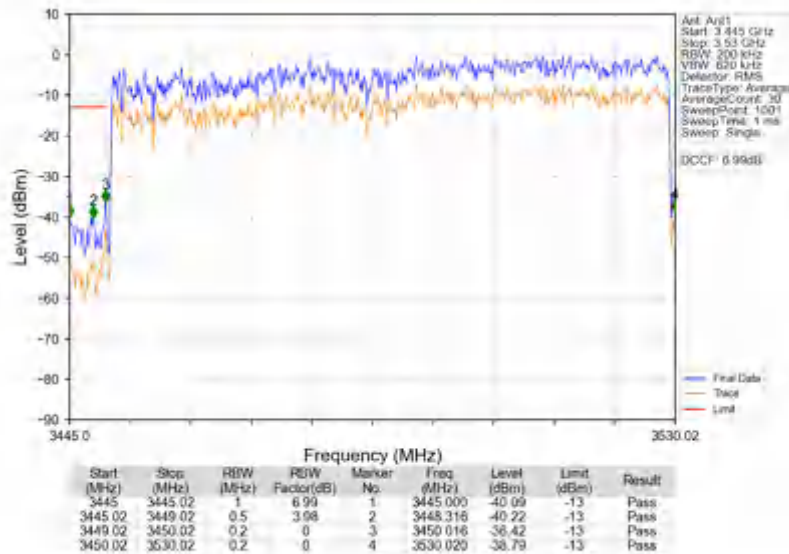
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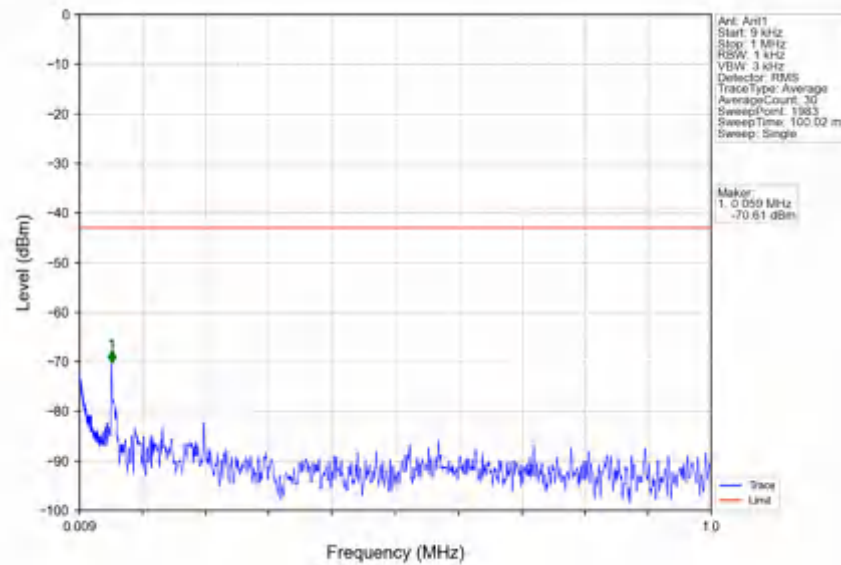


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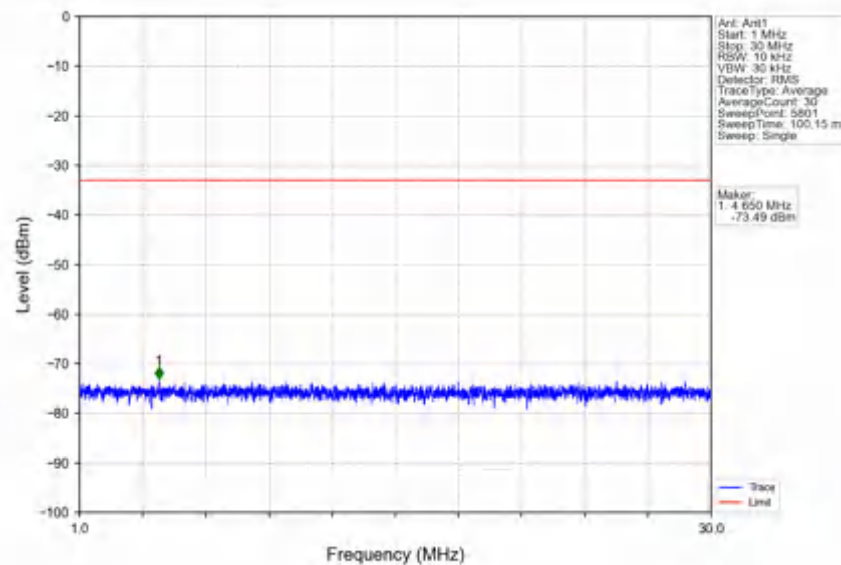
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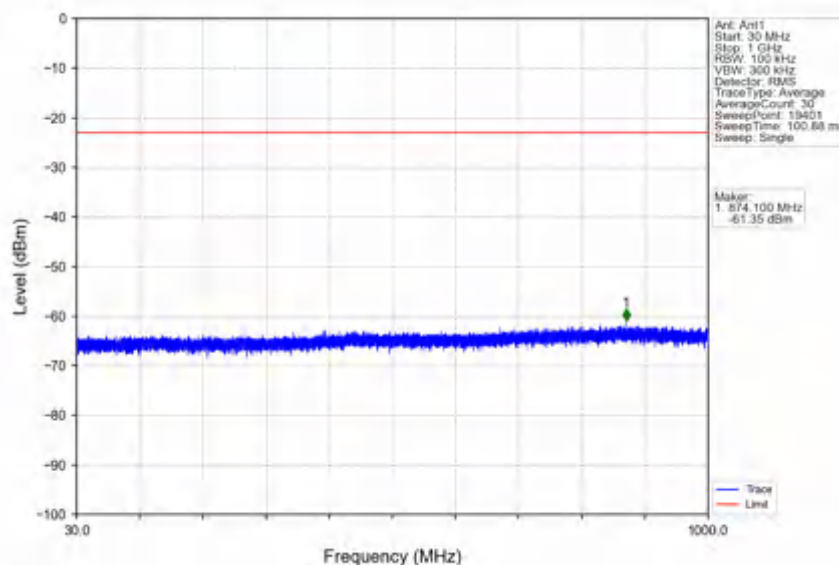


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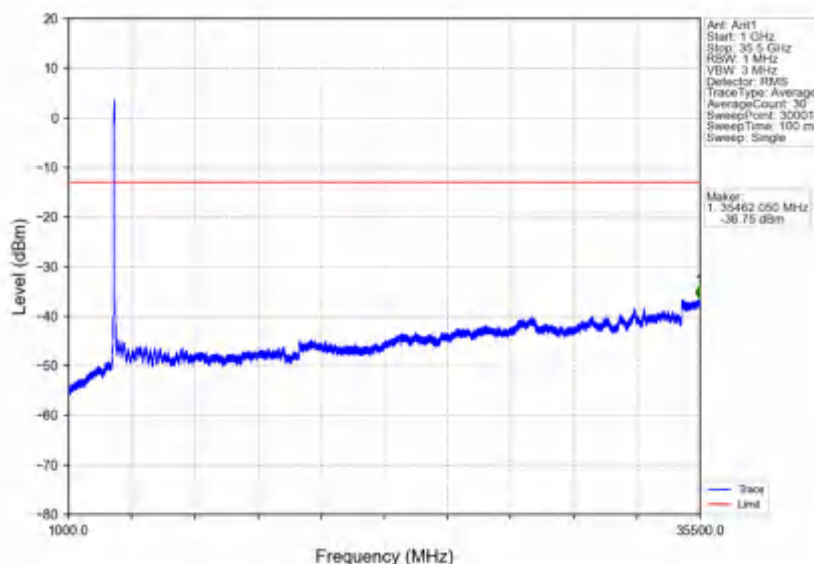
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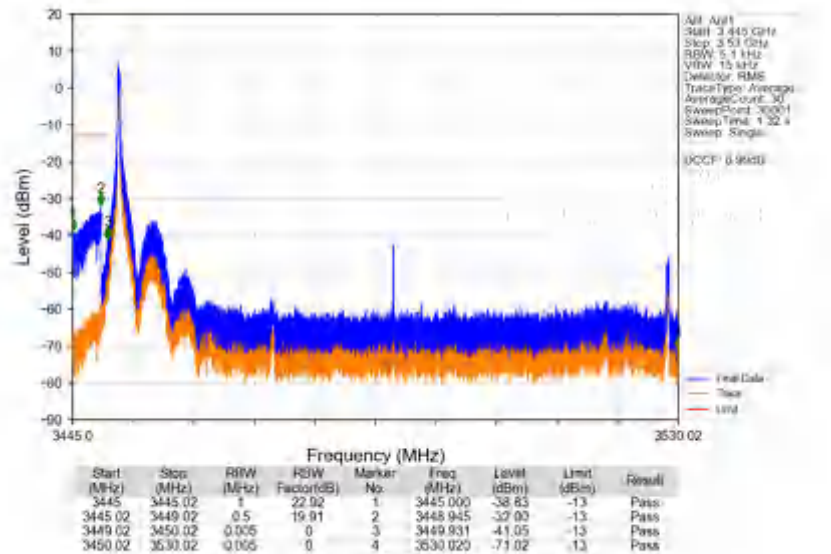


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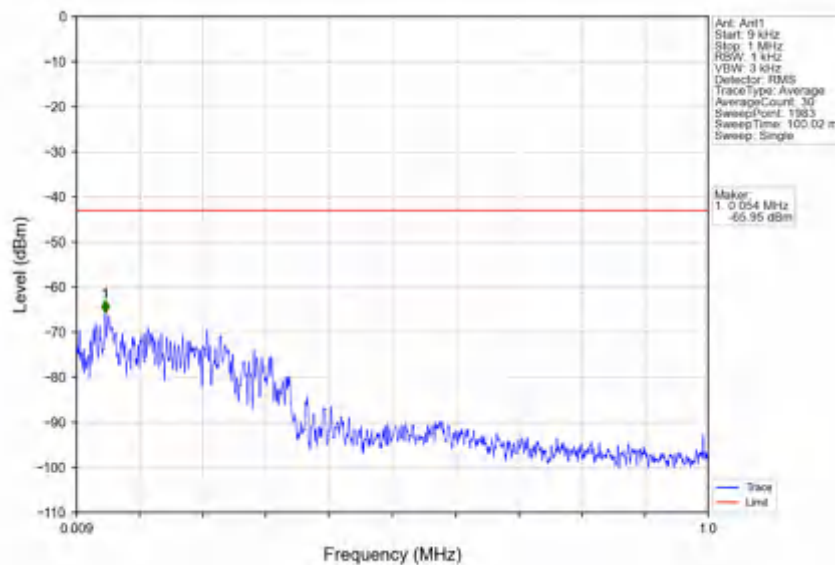
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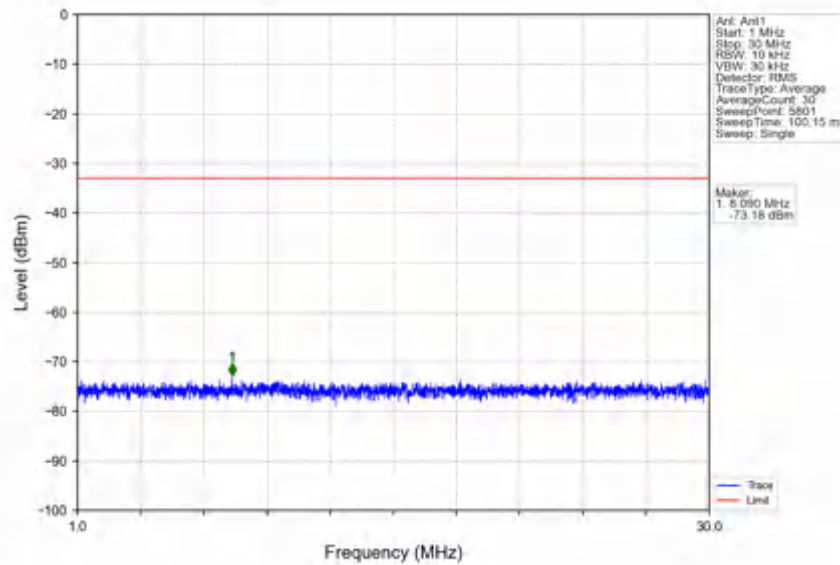


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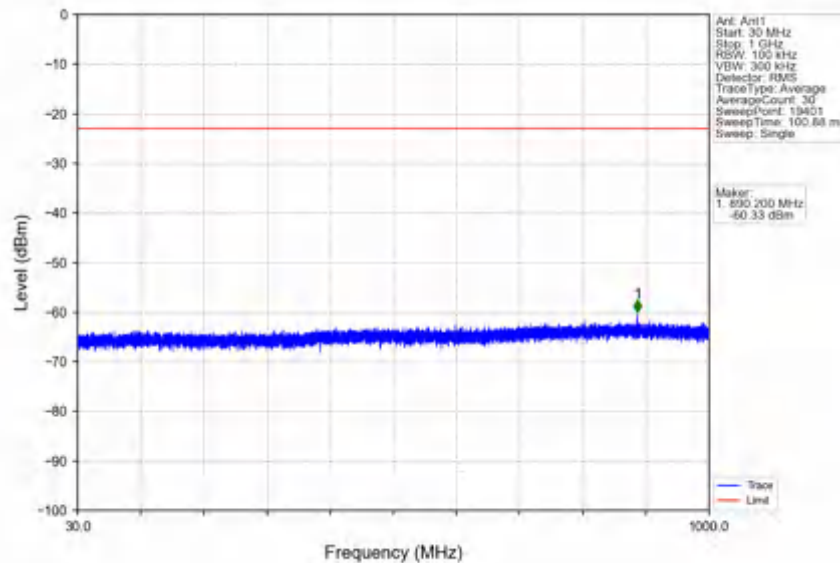
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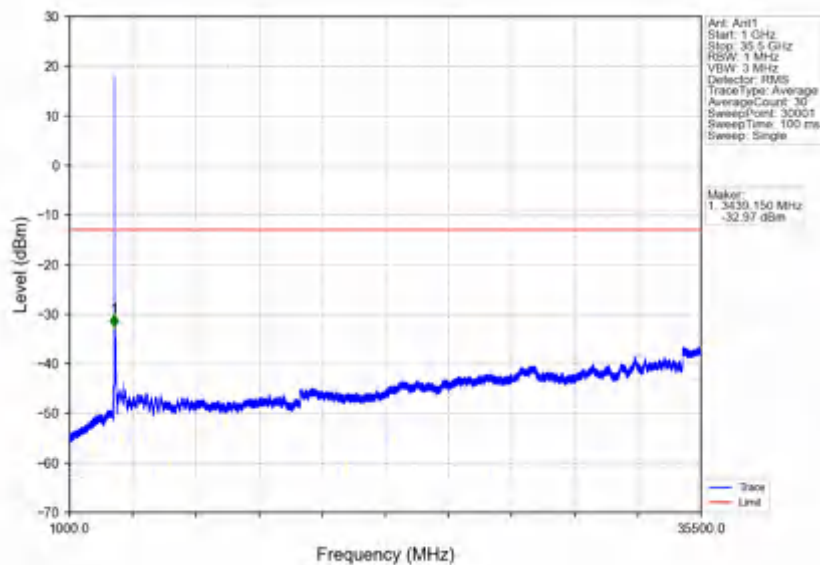


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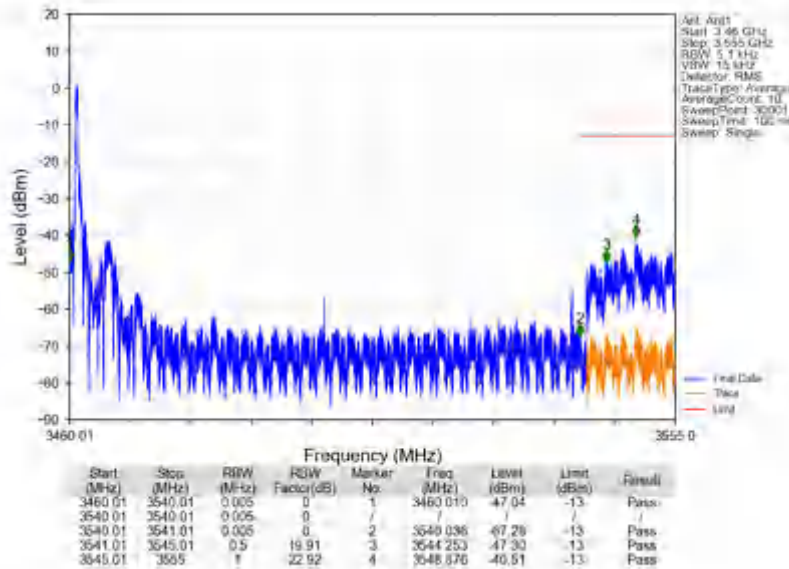
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0512 21530002 0512 21530003 0512 21530004

n78e_30kHz_SISO_NTV_80MHz_CP-OFDM QPSK_3490.02MHz_Inner_1RB_Left



n78e_30kHz_SISO_NTV_80MHz_CP-OFDM QPSK_3500.01MHz_Edge_1RB_Left

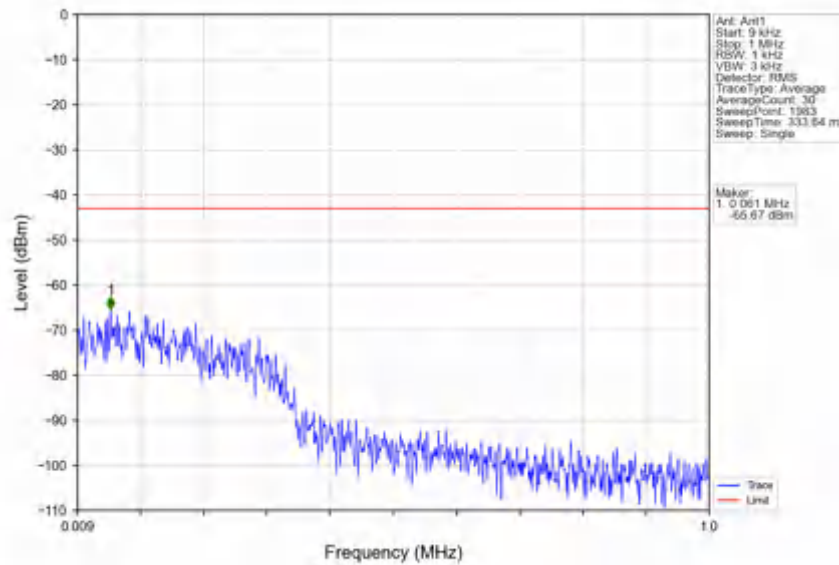


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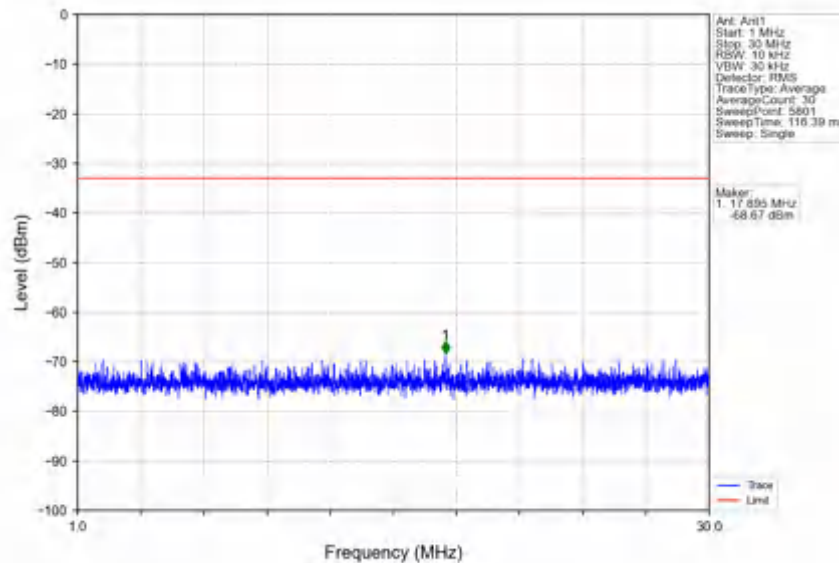
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n78e_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



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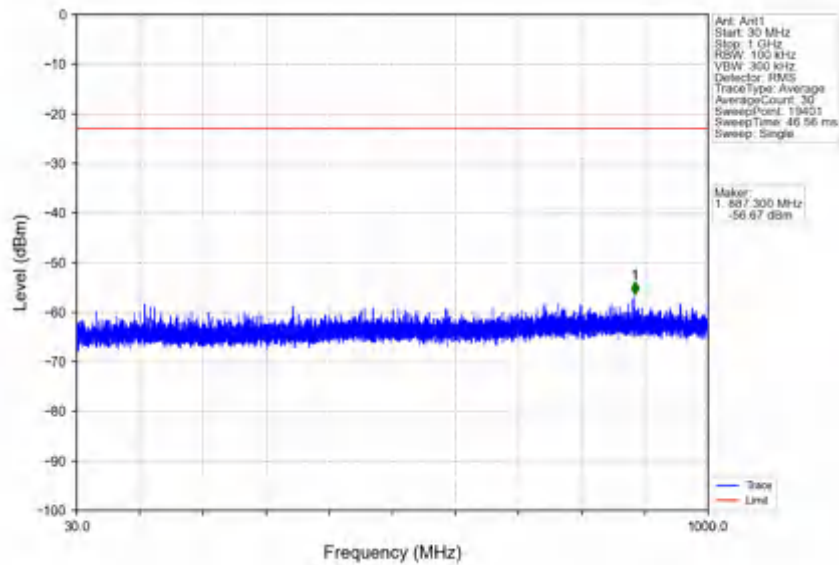


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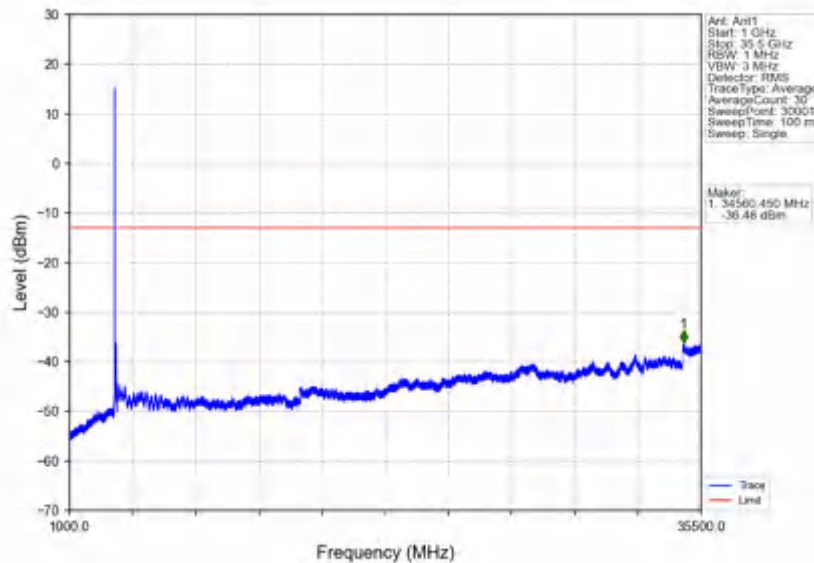
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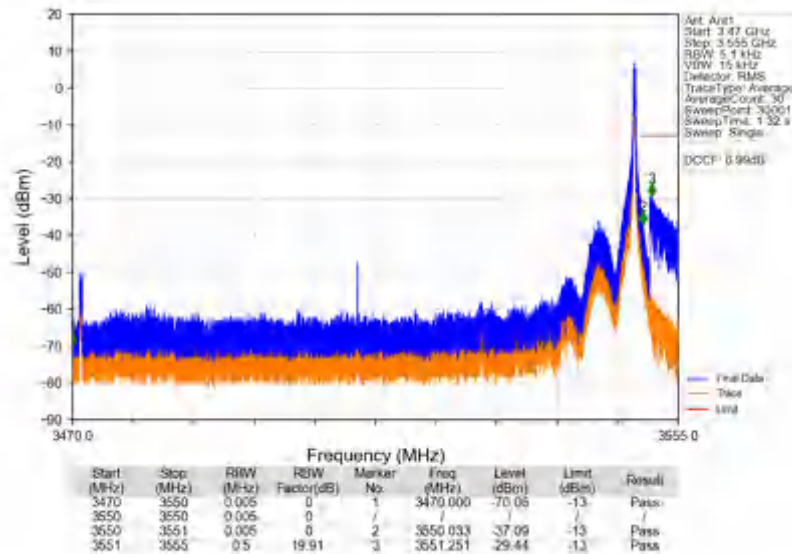


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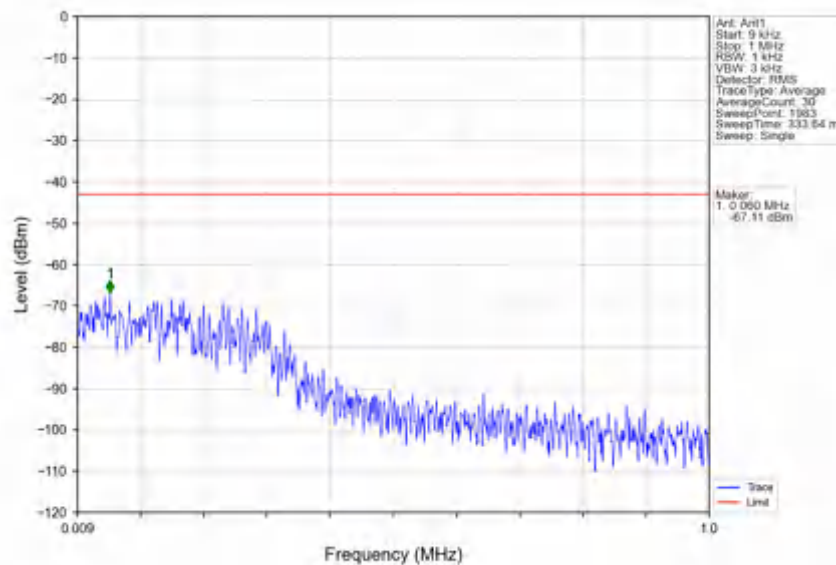
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n78e_30kHz_SISO_NTNV_80MHz_CP-OFDM QPSK_3510MHz_Edge_1RB_Right

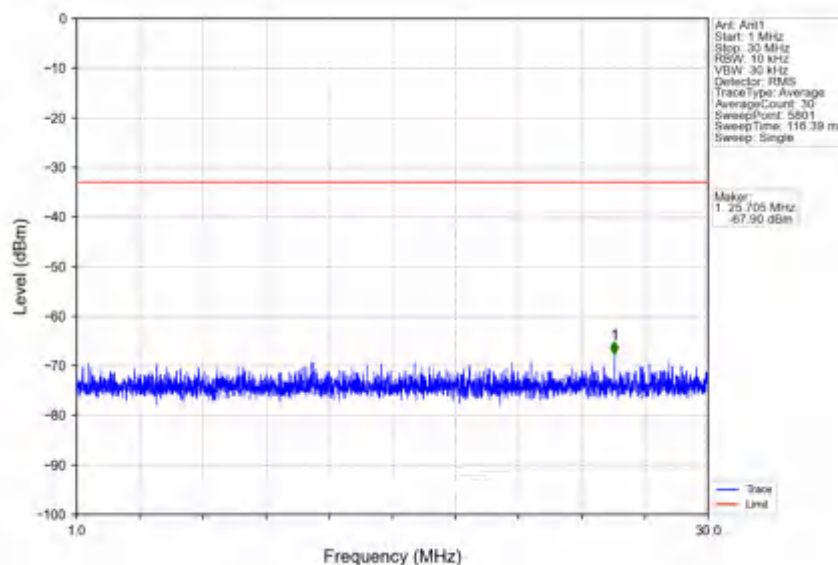


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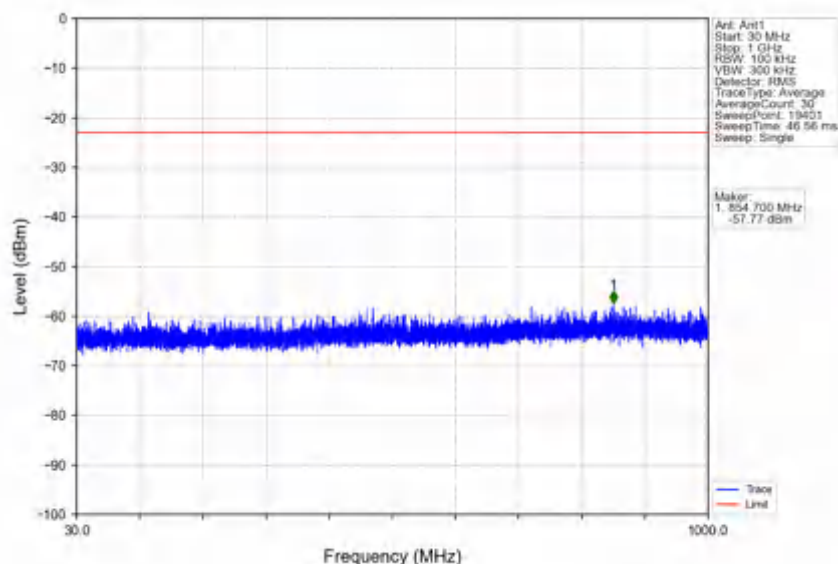
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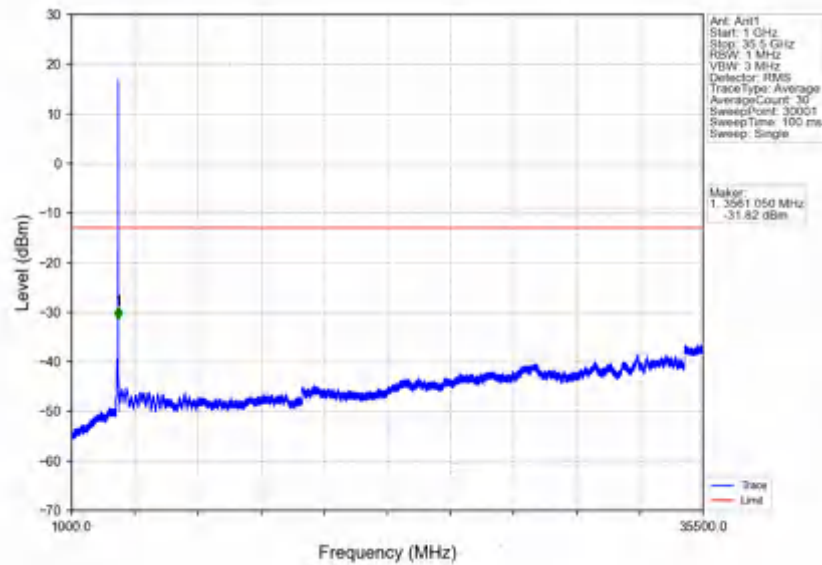


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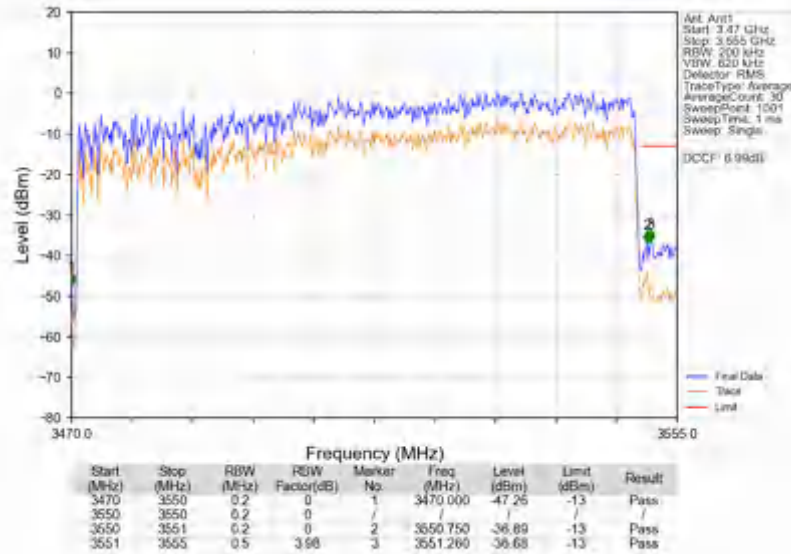
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n78e_30kHz_SISO_NTNV_80MHz_CP-OFDM QPSK_3510MHz_Outer_Full

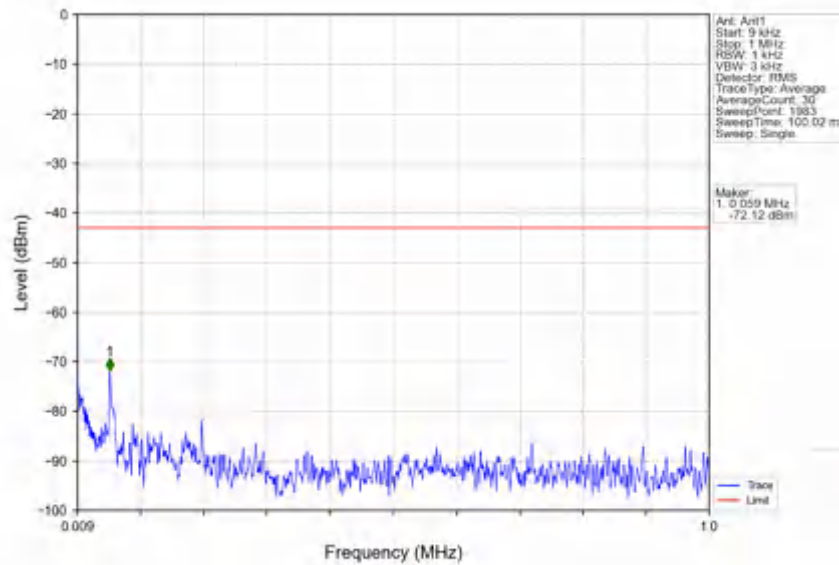


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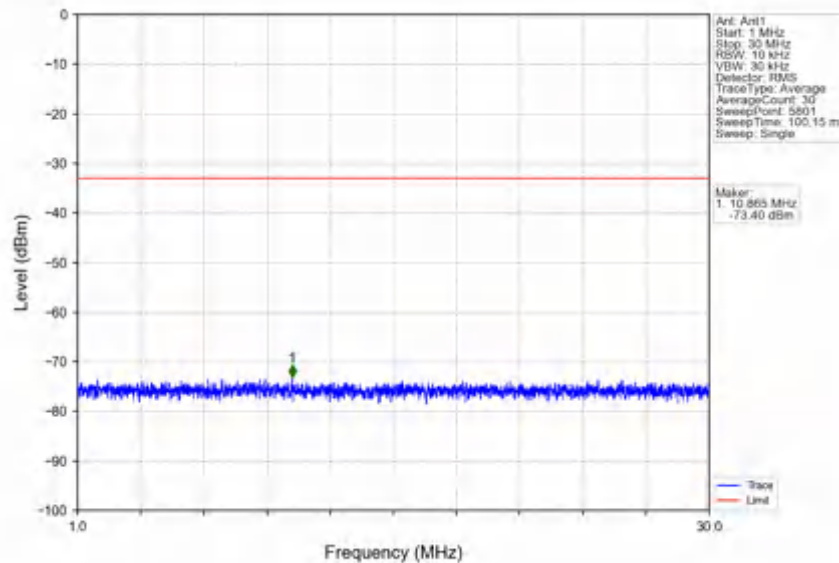
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n78e_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3510MHz_Outer_Full

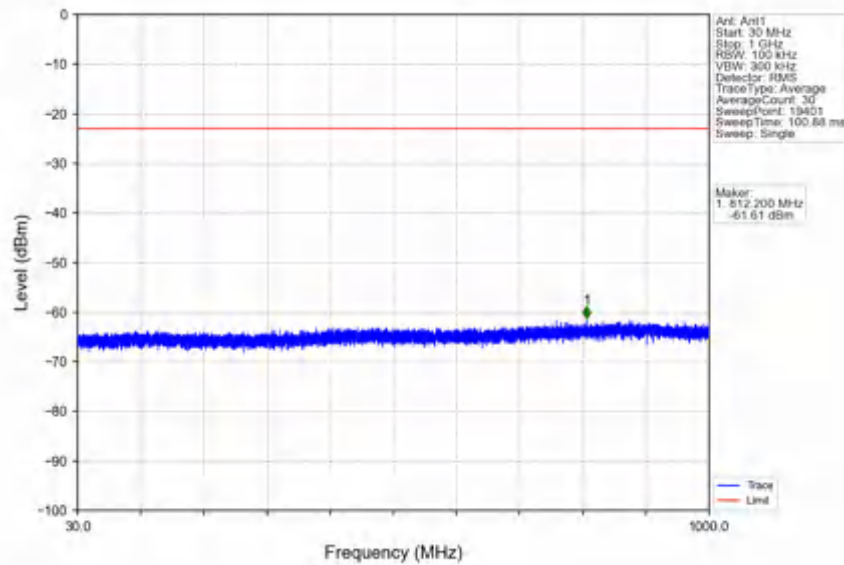


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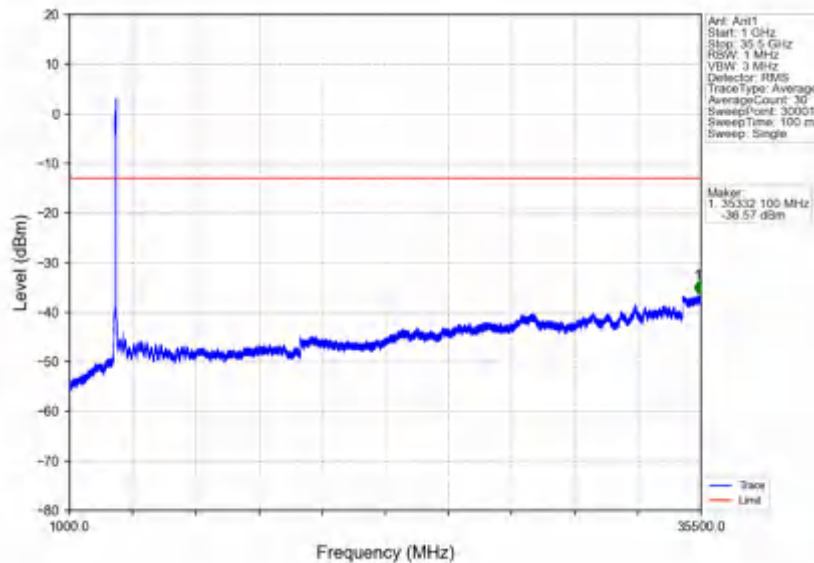
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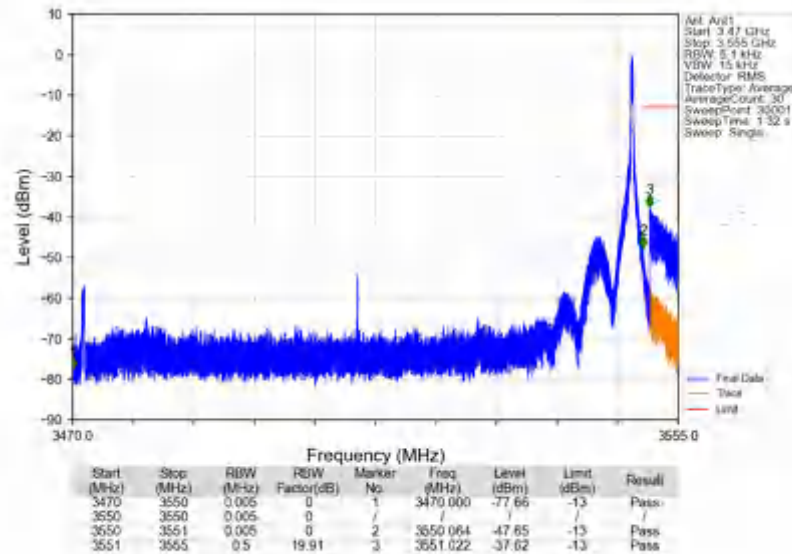


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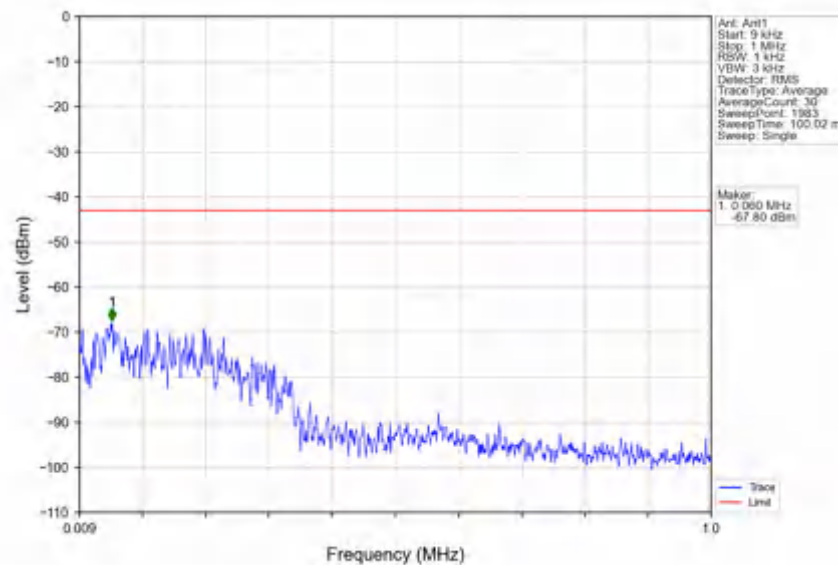
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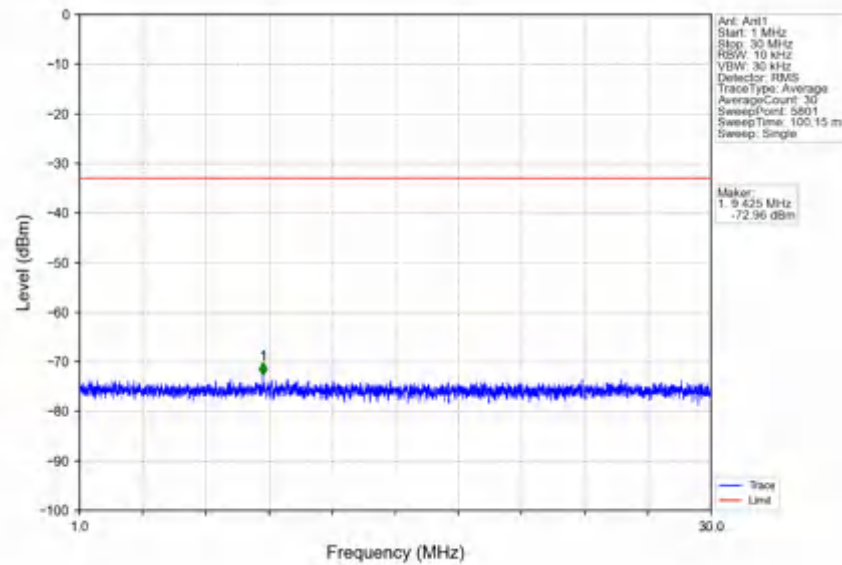


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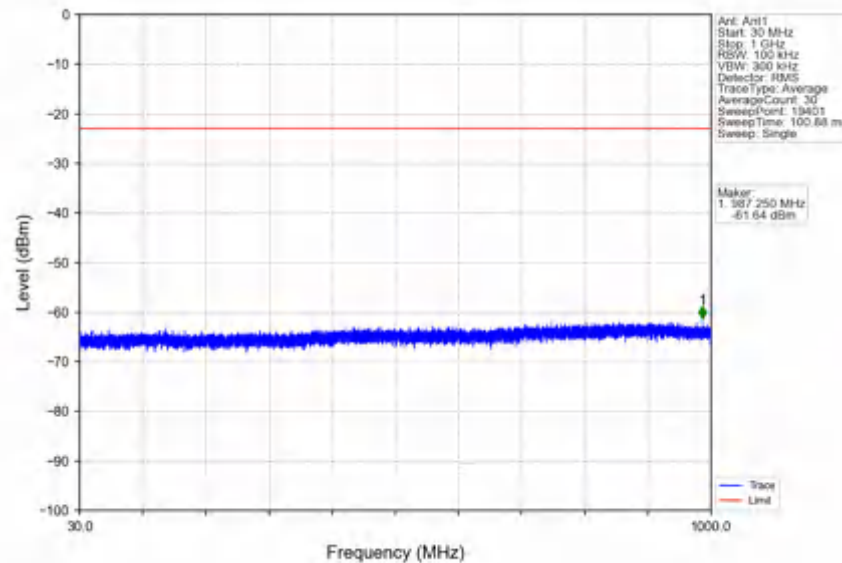
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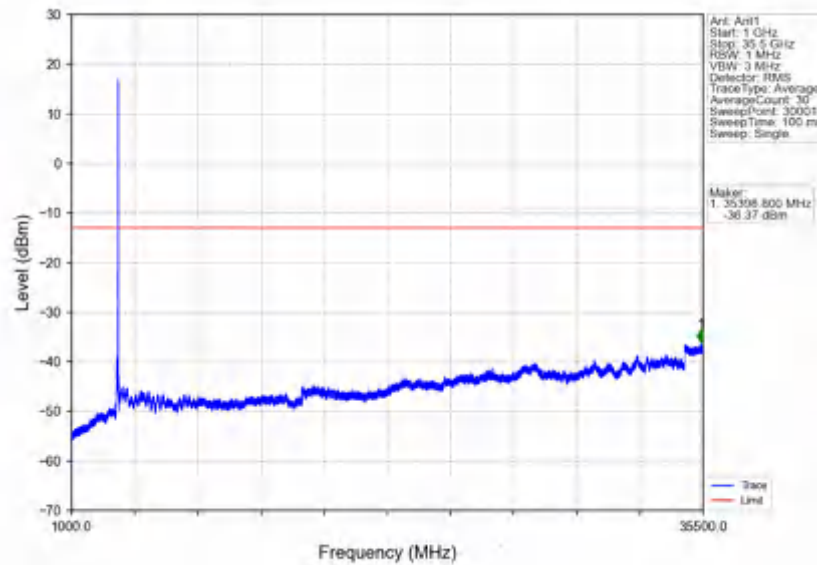


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9.18 30k_SISO_90MHz_NTNV

9.18.1 Test Result

5G NR n78e SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
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
		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
		Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
CP-OFDM QPSK	3504.99	Edge 1RB Right	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass
	3495	Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
CP-OFDM QPSK	3500.01	Edge 1RB Left	Refer To Test Graph			Pass
		Edge 1RB Right	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
	3504.99	Outer Full	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass

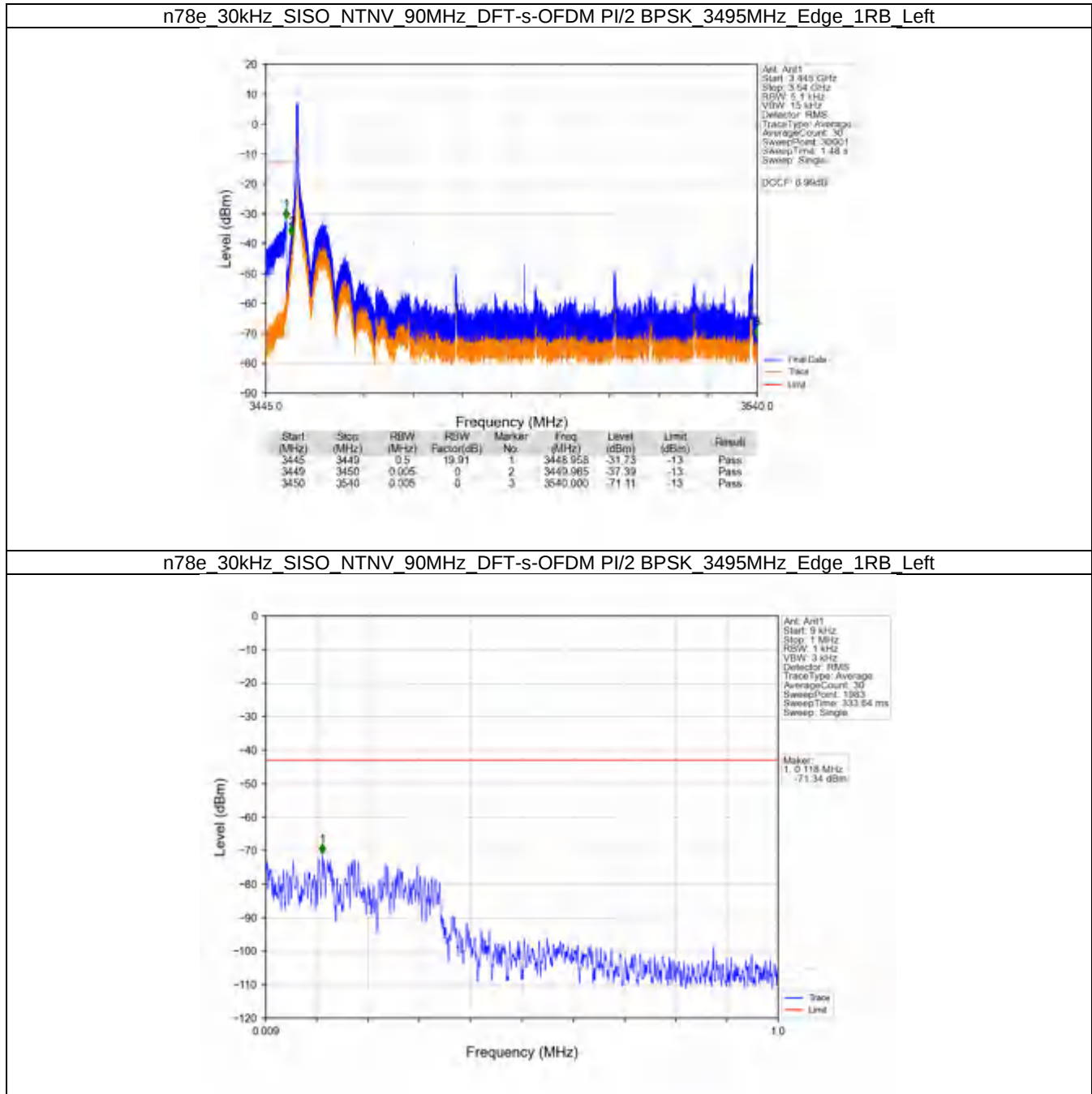


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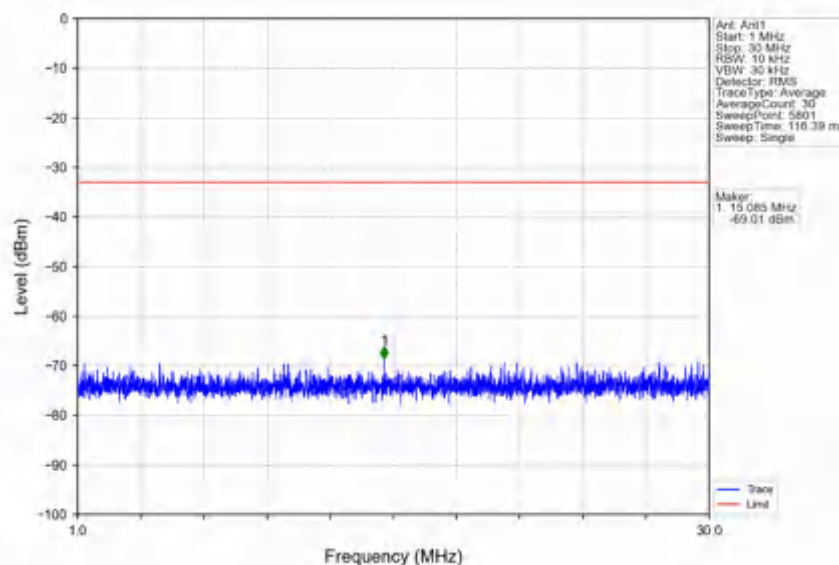
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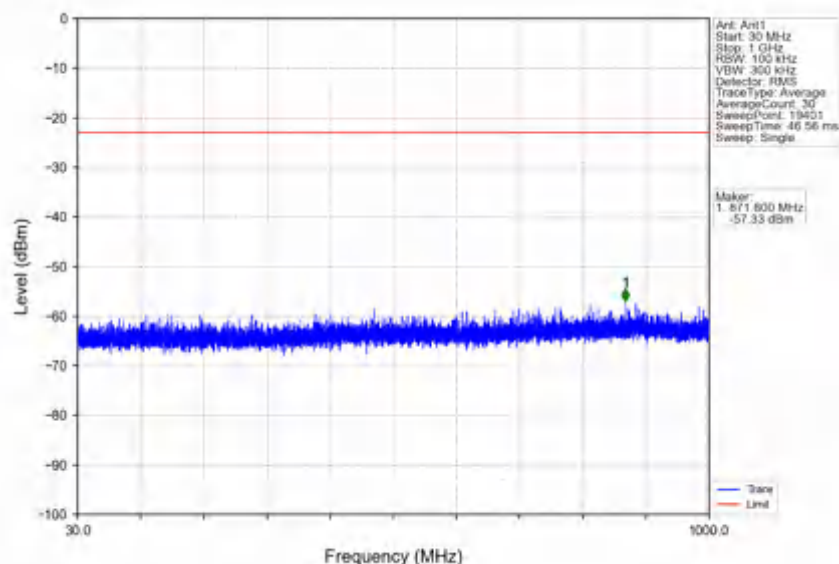
9.18.2 Test Graph



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

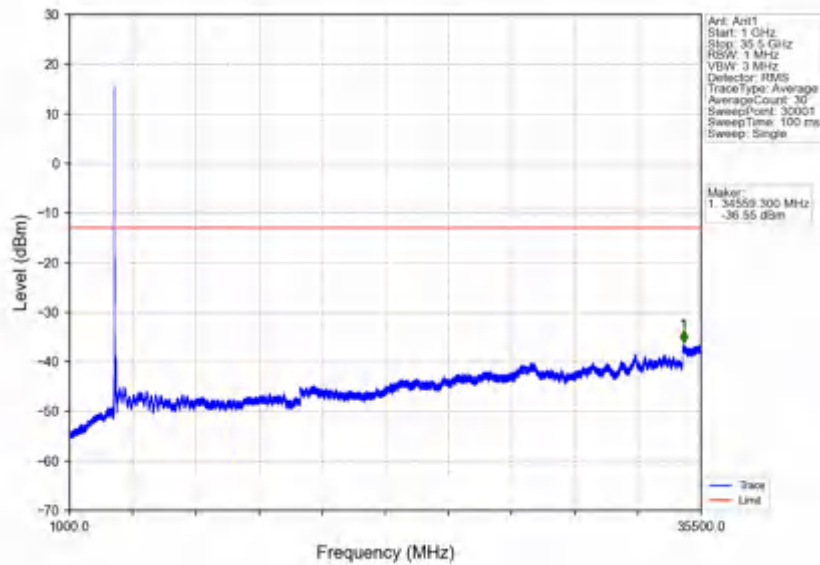


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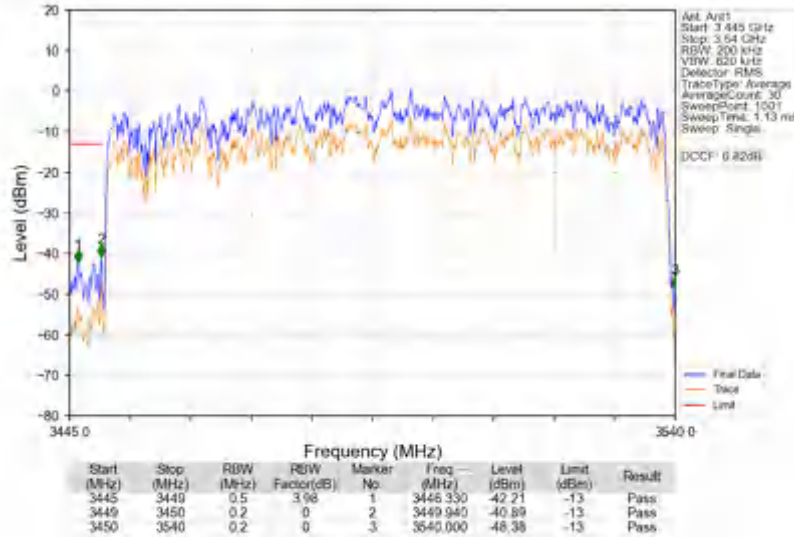
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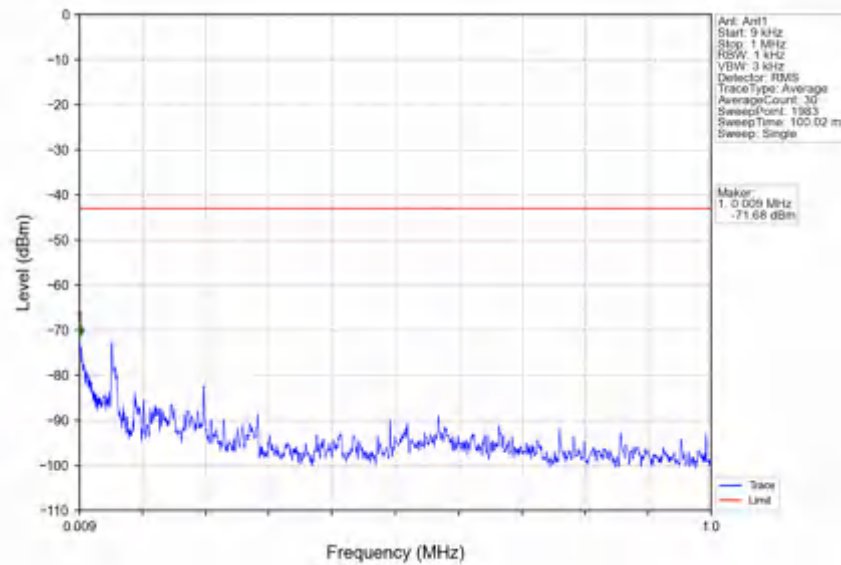


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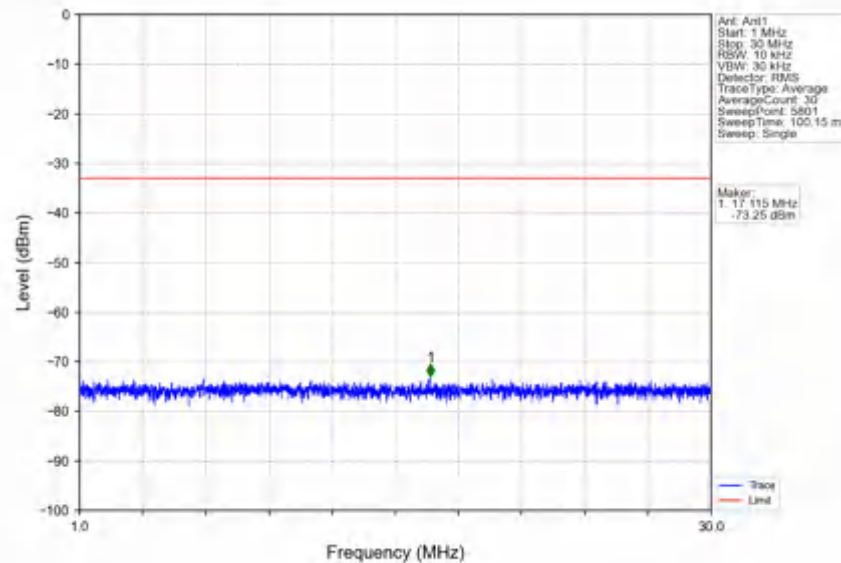
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n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3495MHz_Outer_Full



n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3495MHz_Outer_Full



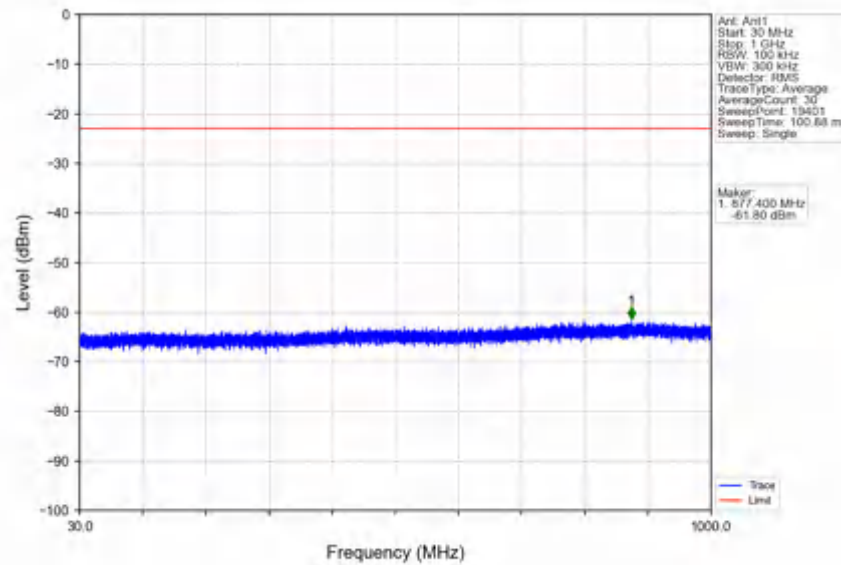
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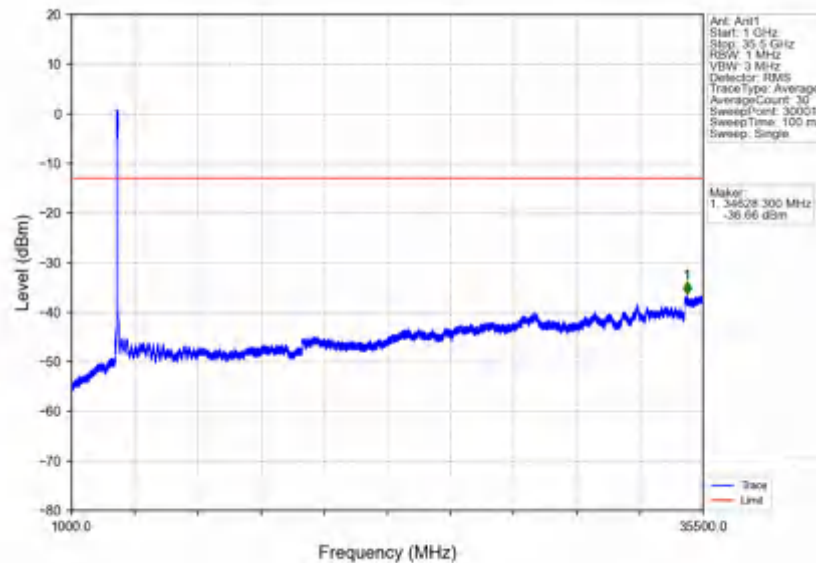
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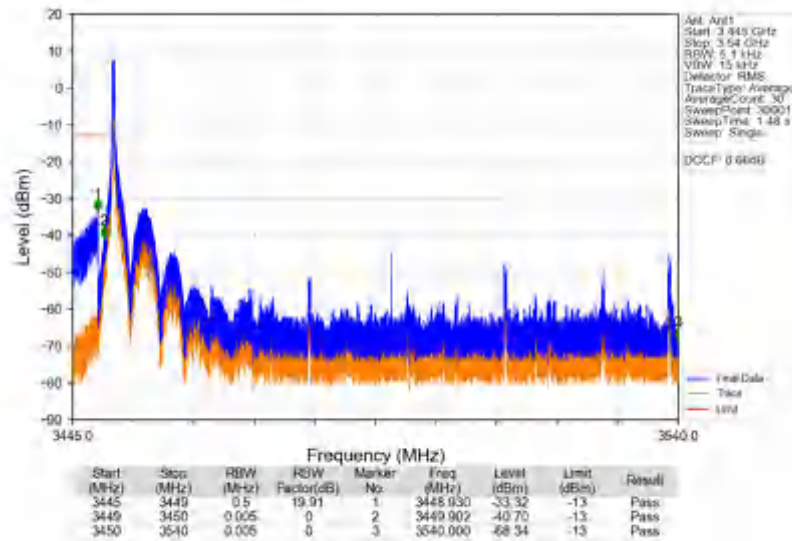


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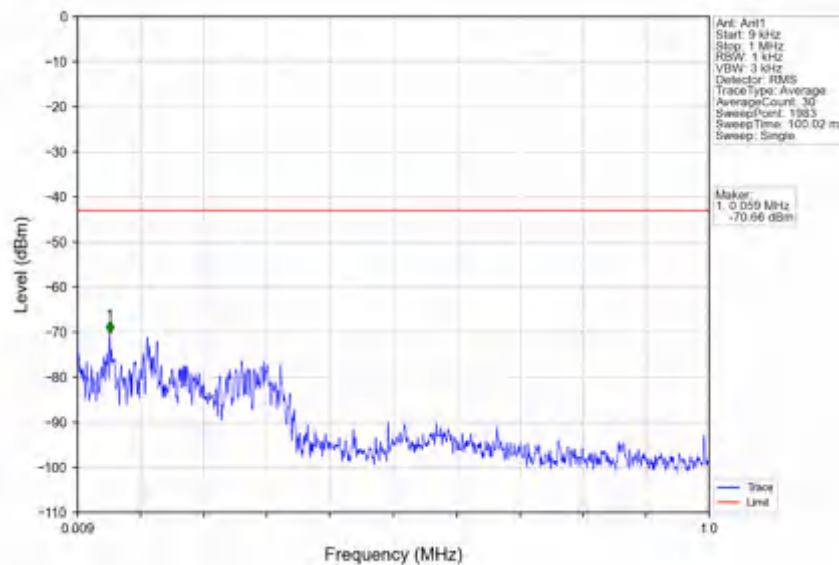
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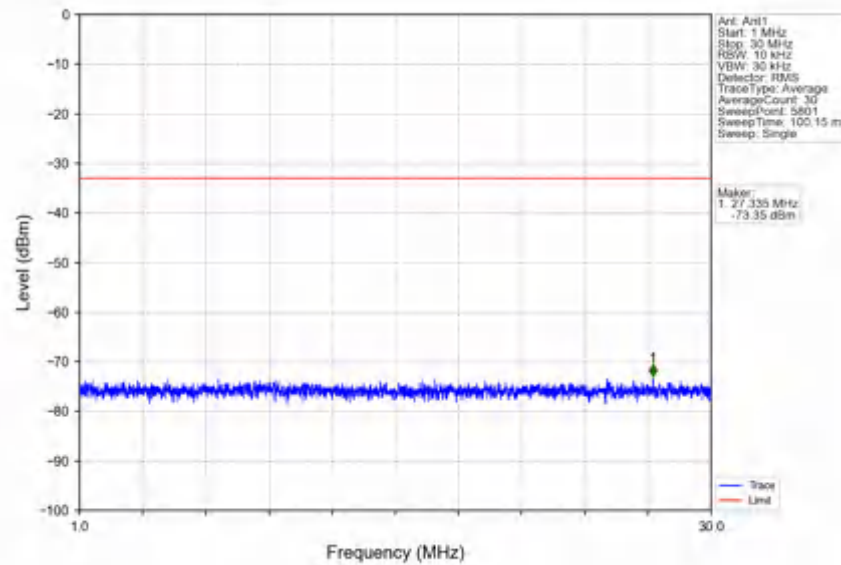
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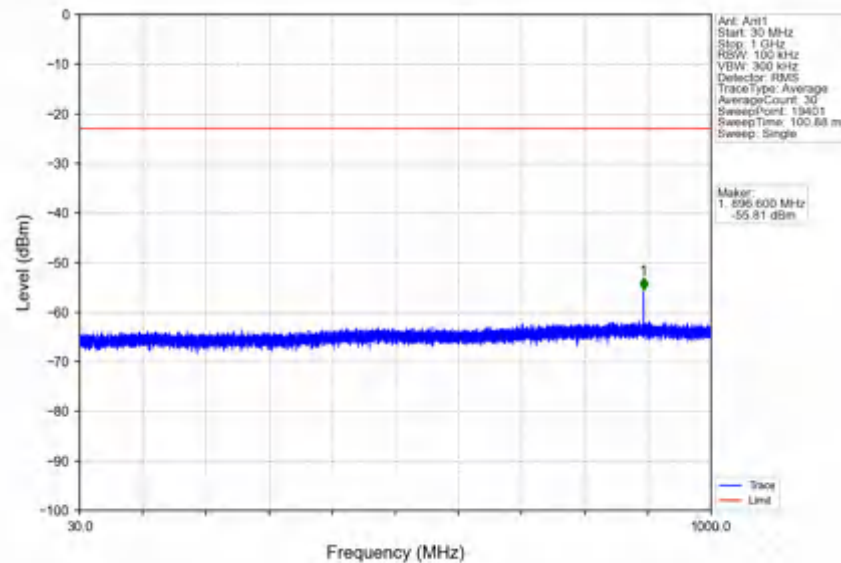
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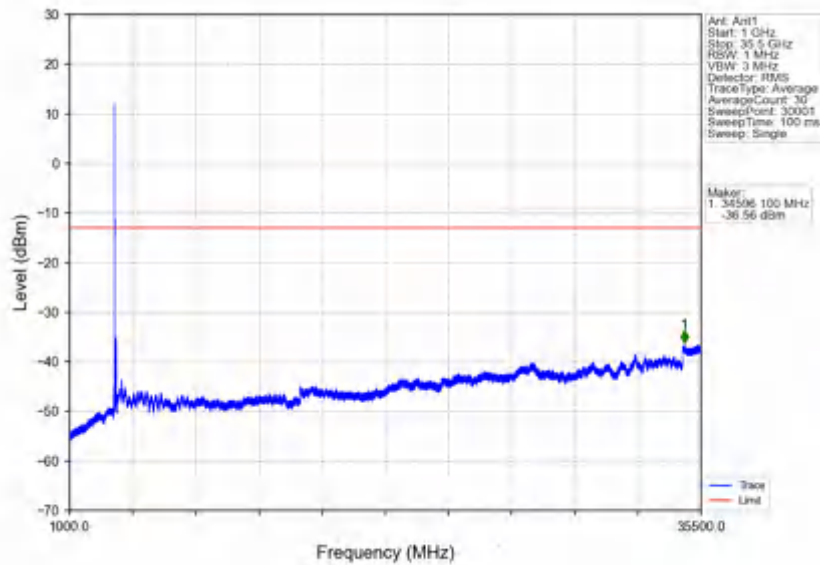


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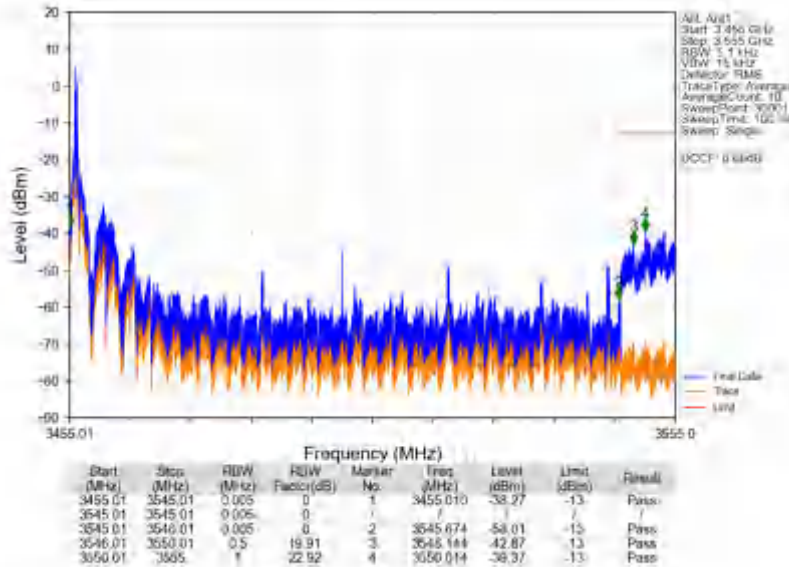
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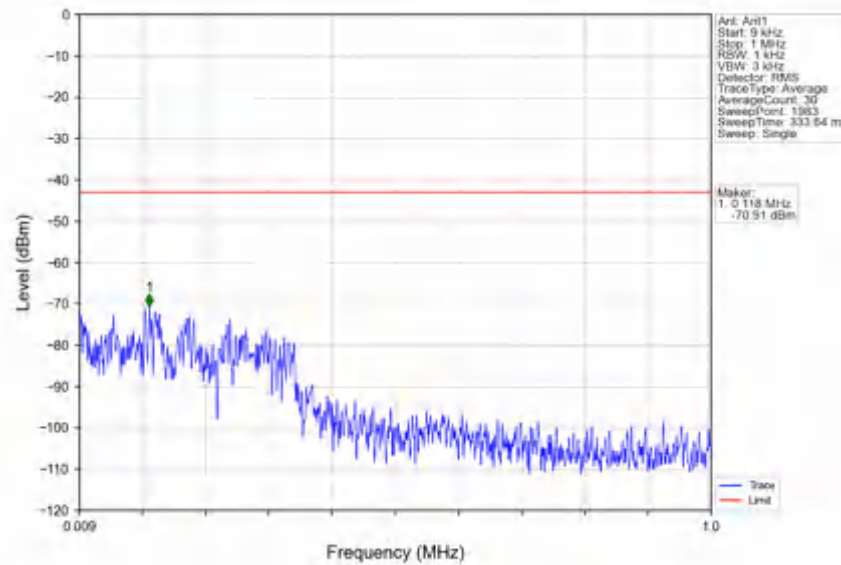


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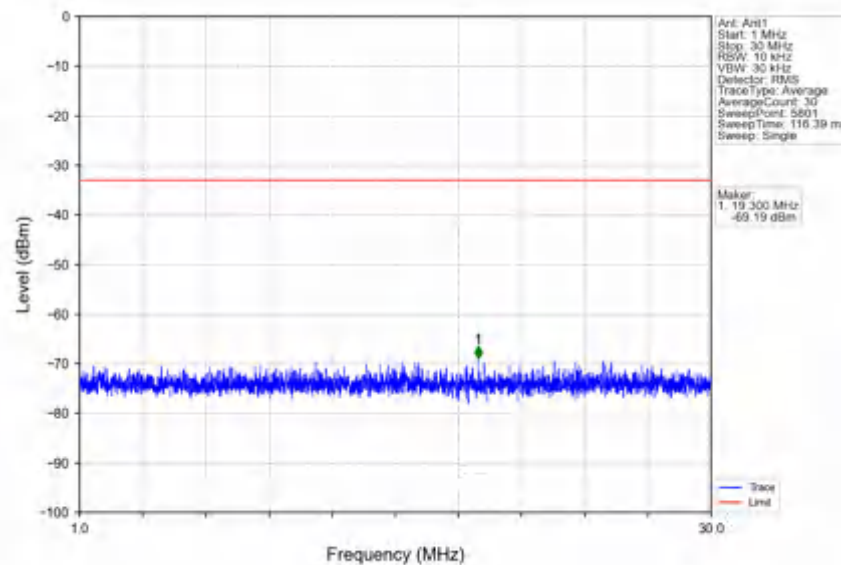
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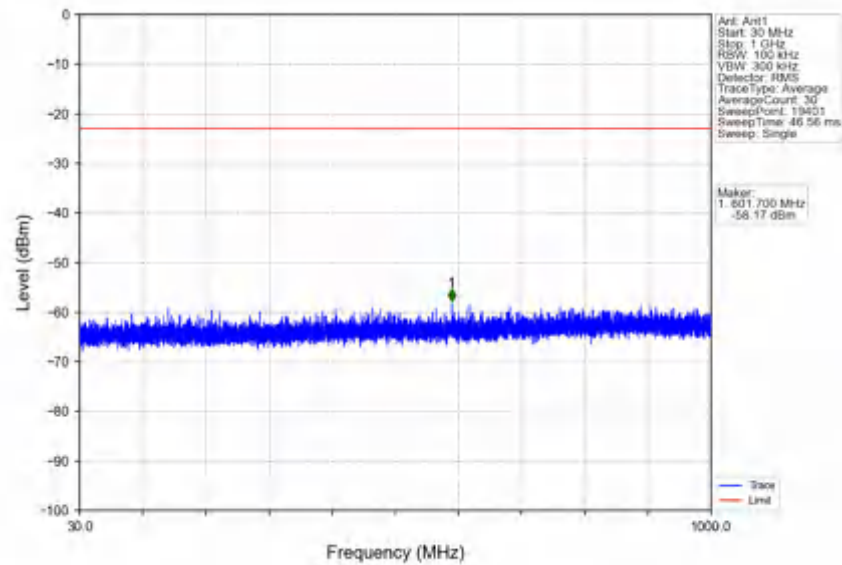
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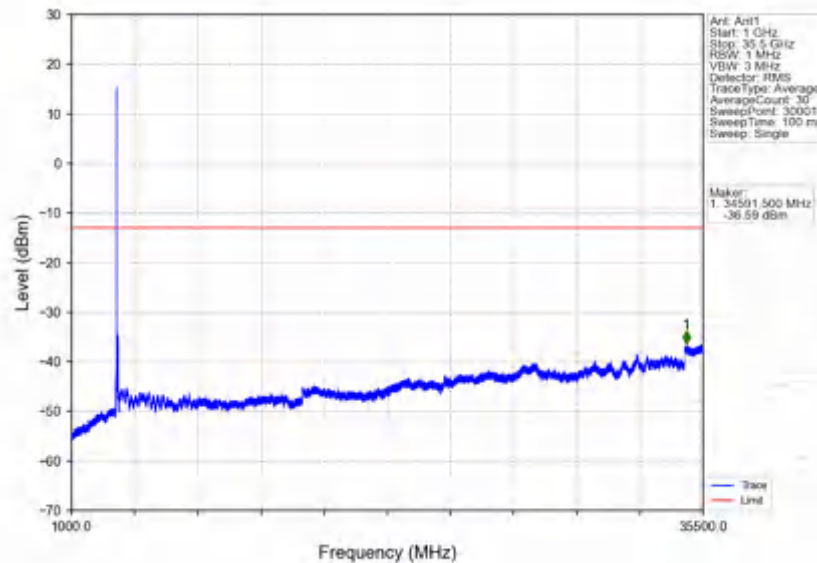
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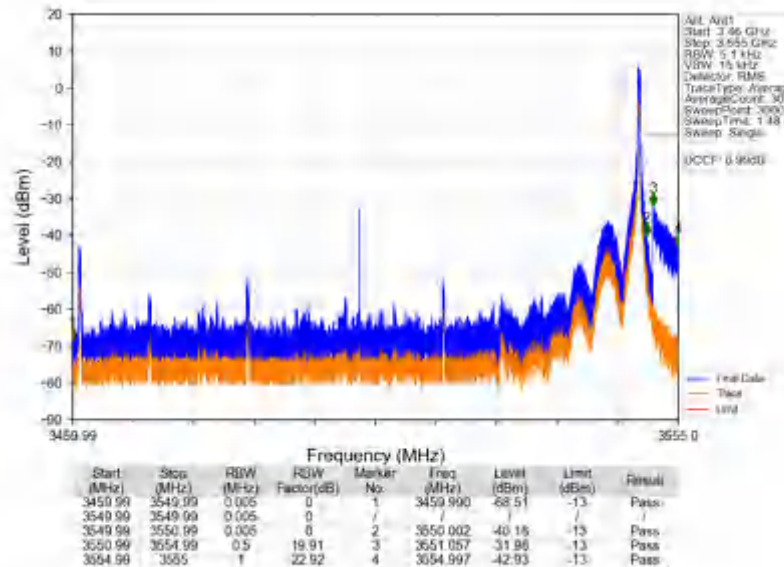


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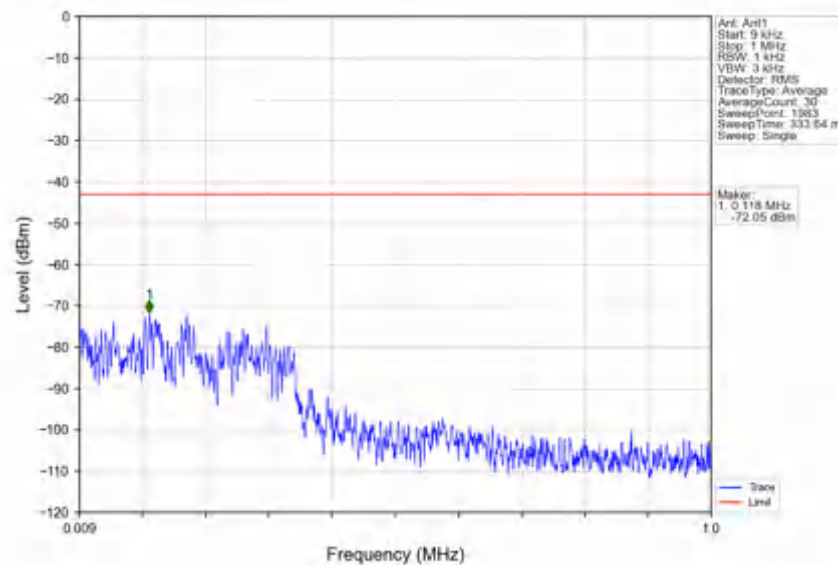
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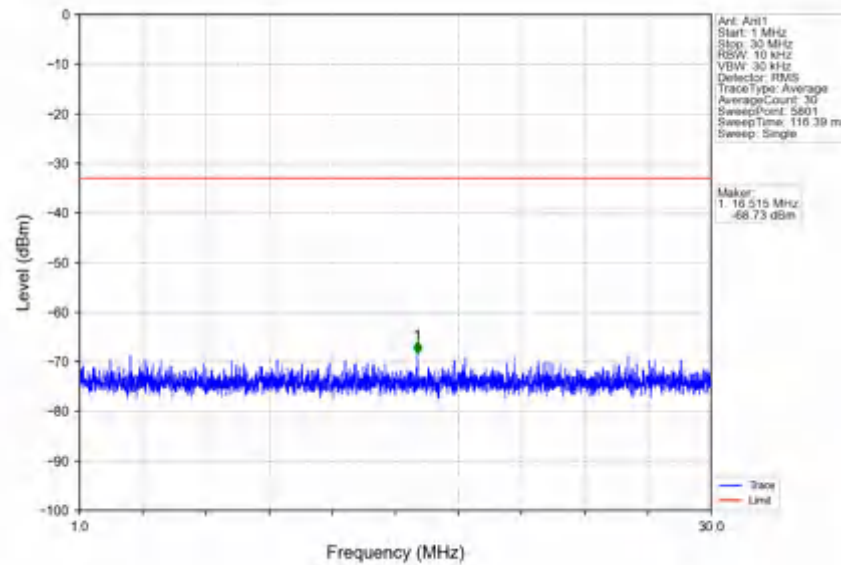


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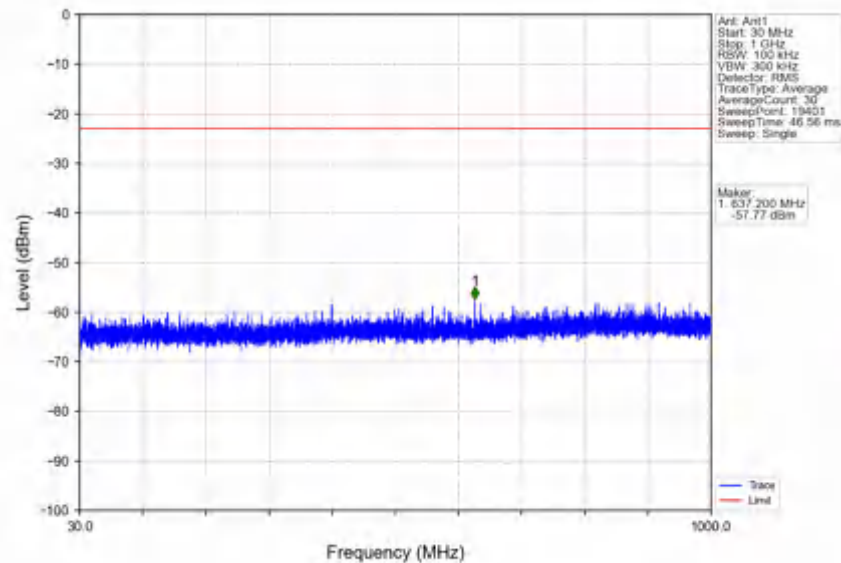
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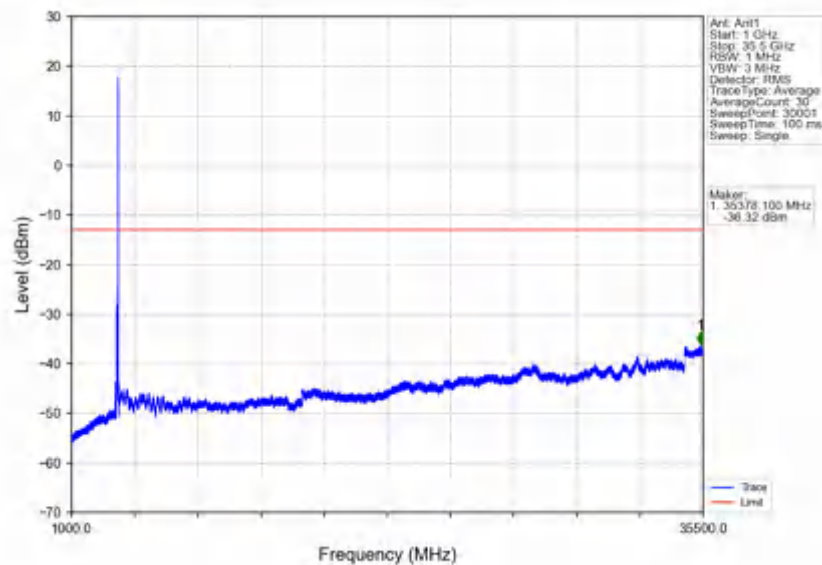


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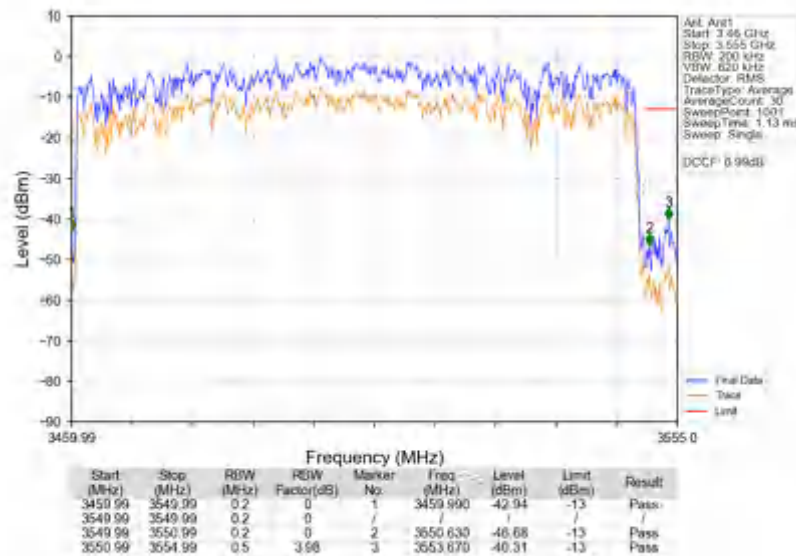
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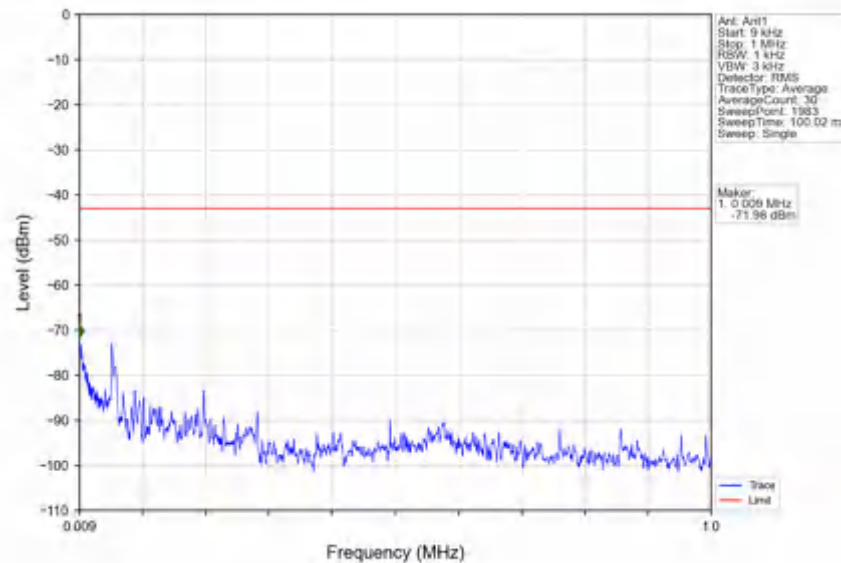


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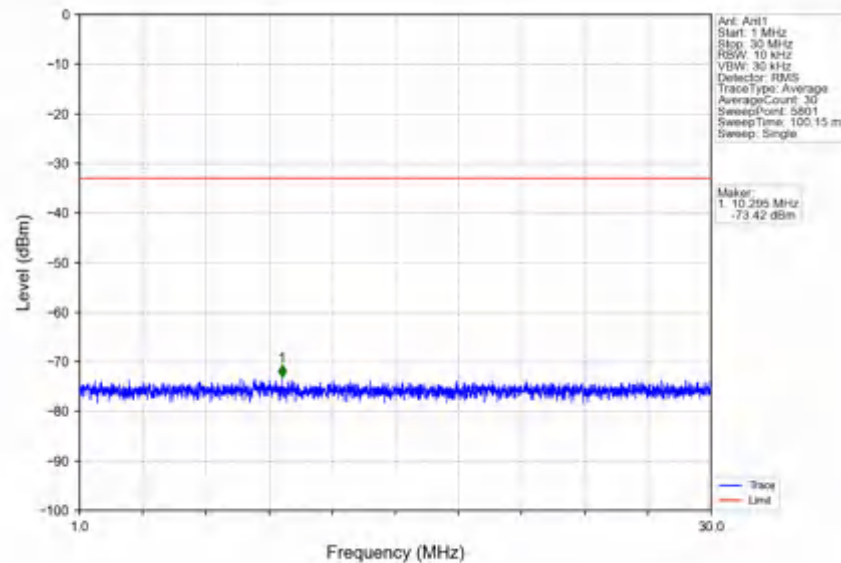
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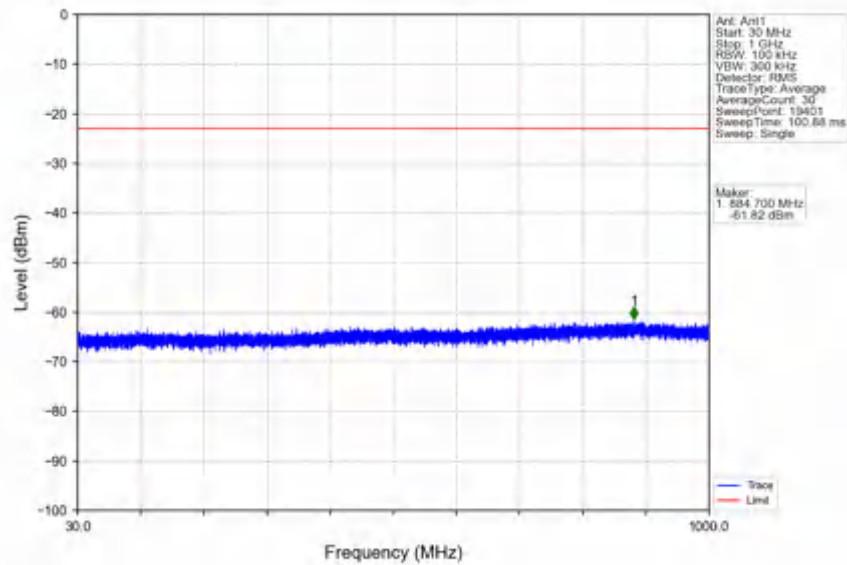
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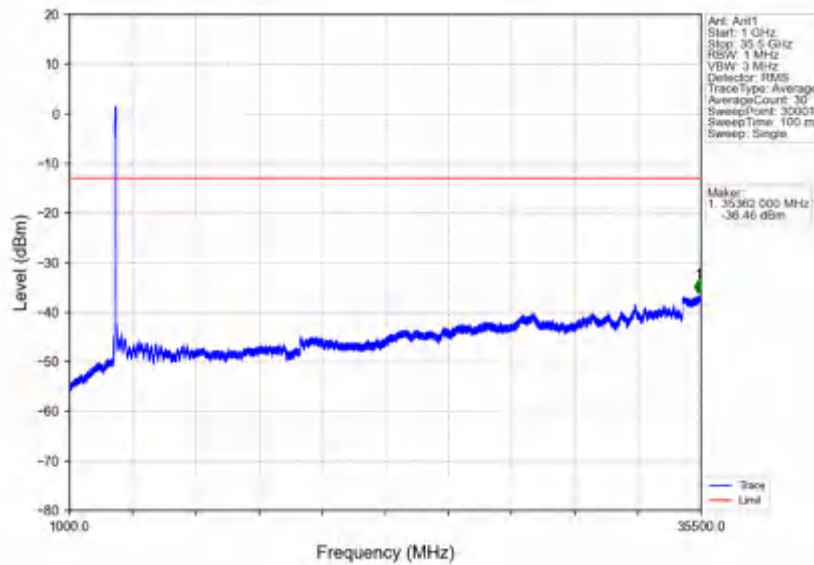
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0512-51773088 0512-51773089 sgs@sgsgroup.com



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



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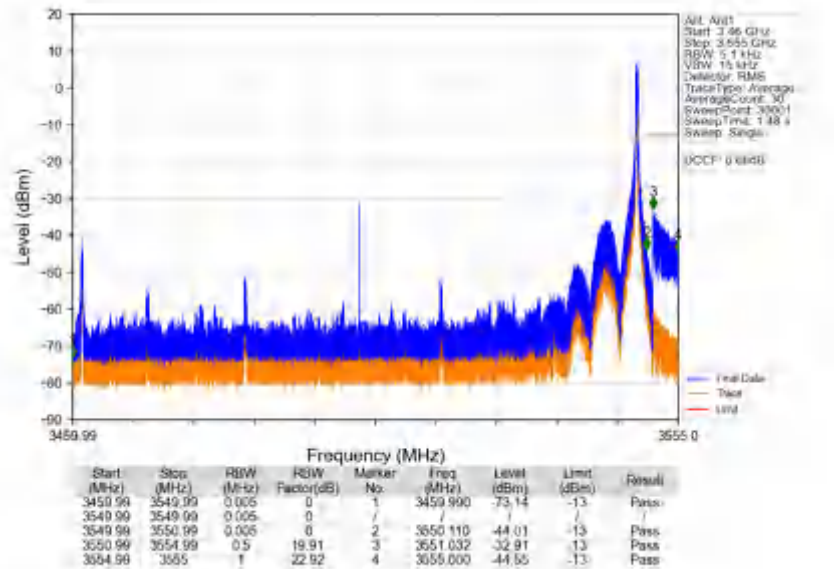


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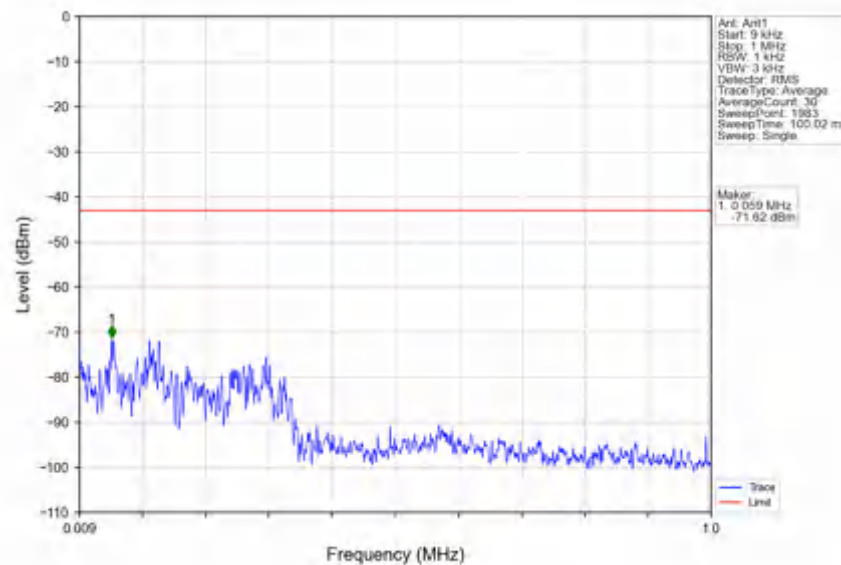
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054-51257320863 054-5127777863 sgs@sgs.com.cn

n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_PI/2_BPSK_3504.99MHz_Inner_1RB_Right



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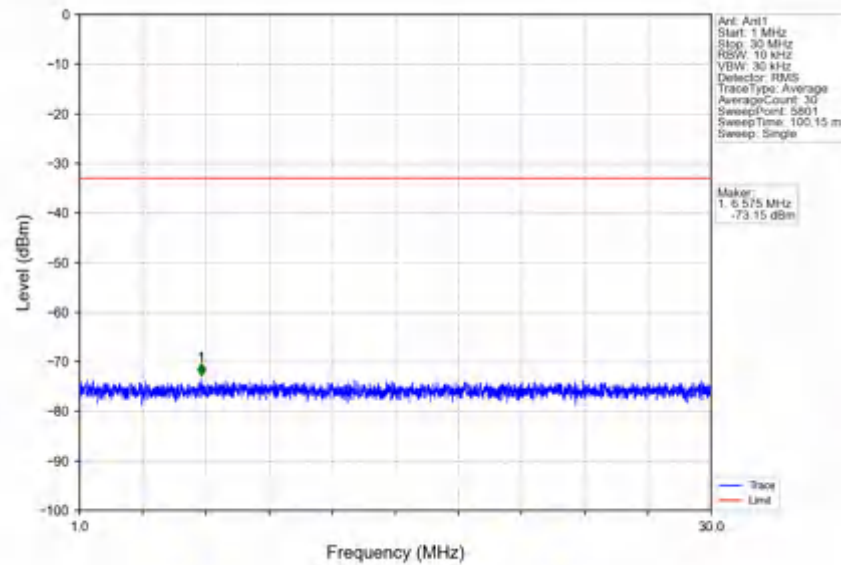
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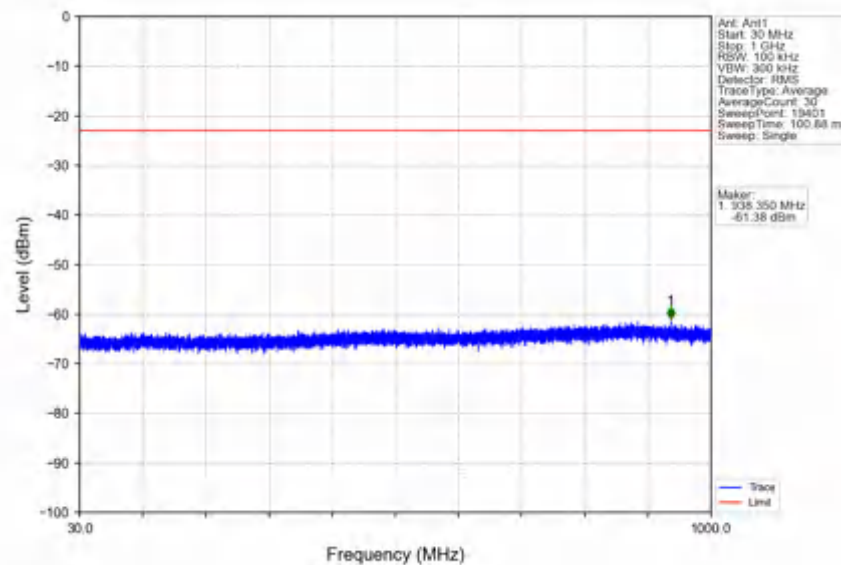
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n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_PI/2_BPSK_3504.99MHz_Inner_1RB_Right



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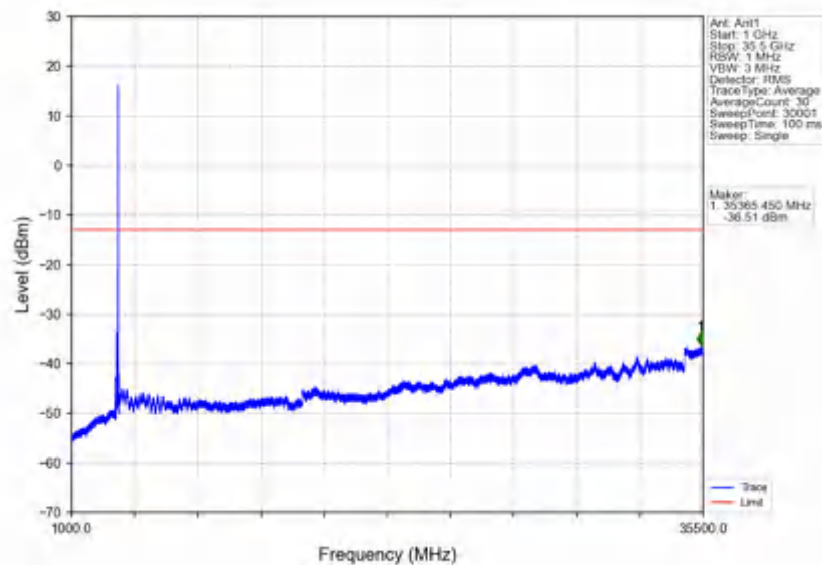


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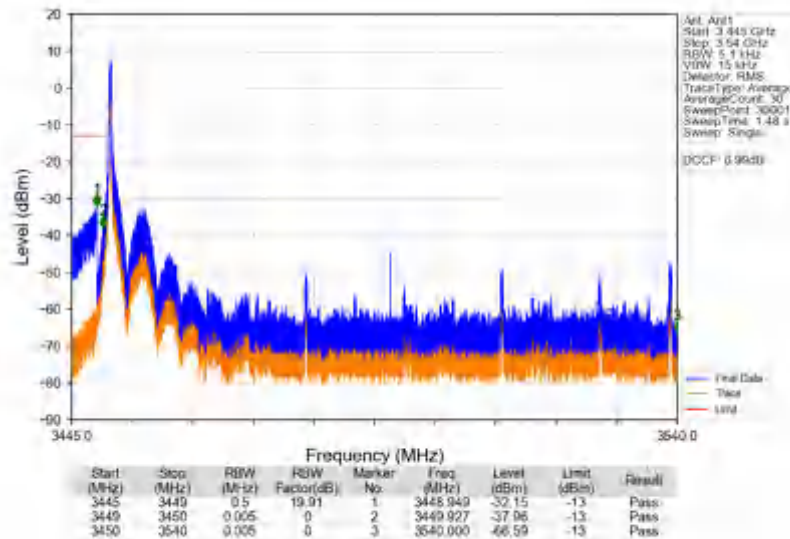
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n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3504.99MHz_Inner_1RB_Right



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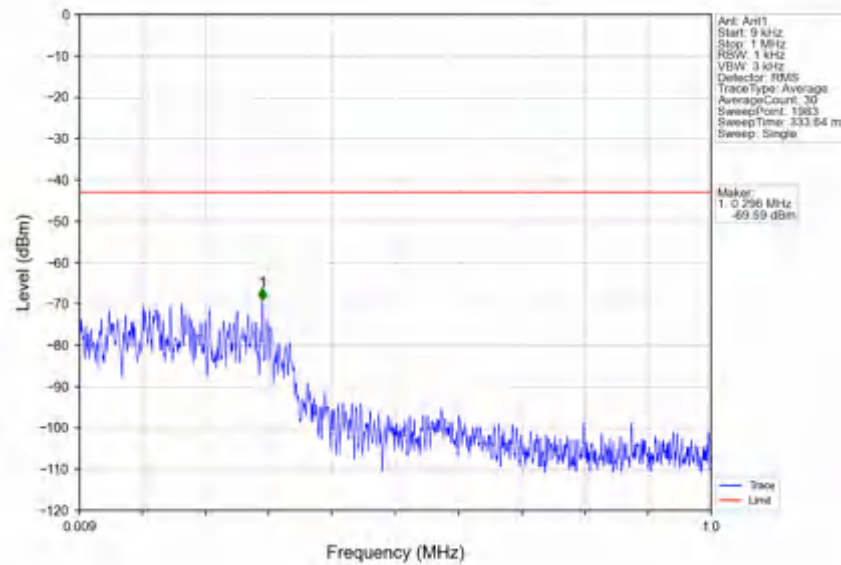


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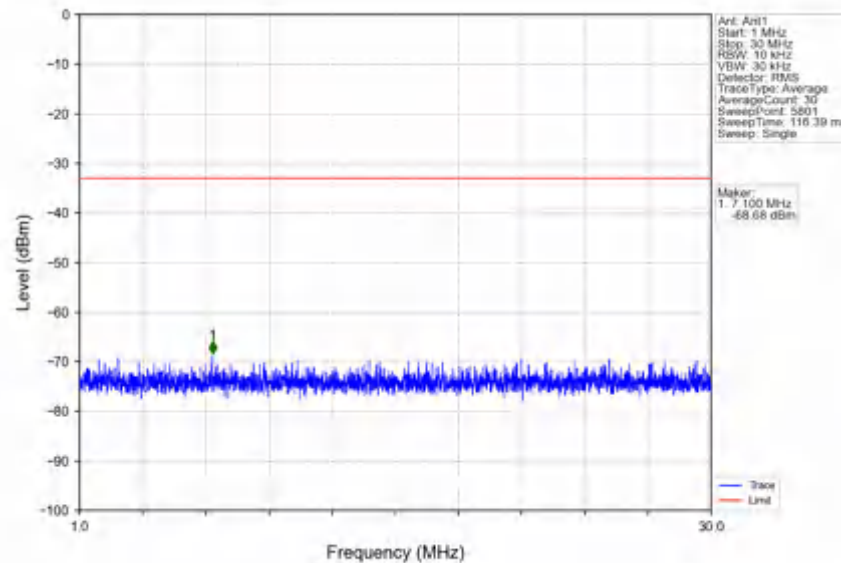
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n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_QPSK_3495MHz_Edge_1RB_Left



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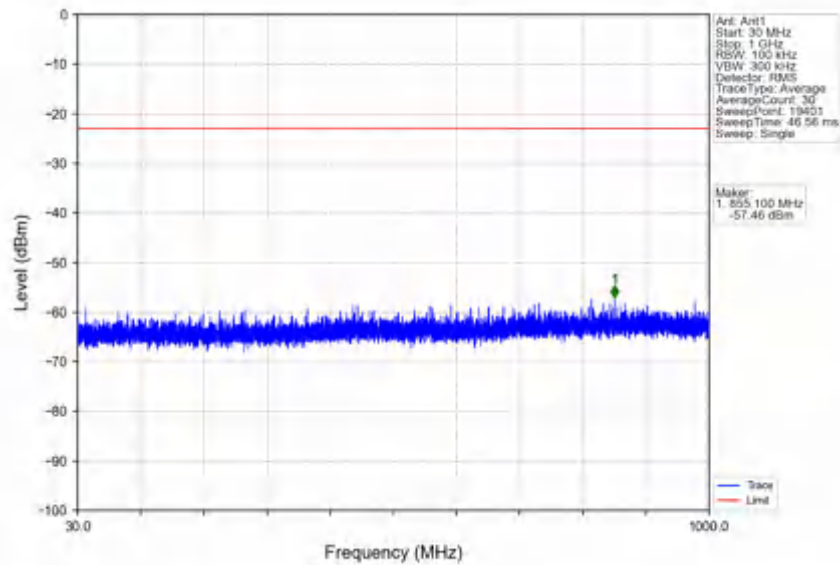


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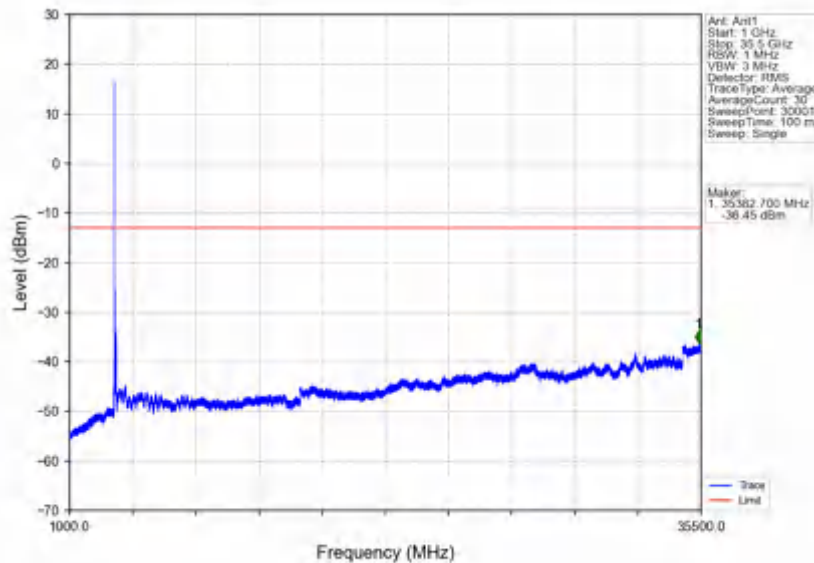
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n78e_30kHz_SISO_NTV_90MHz_DFT-s-OFDM QPSK_3495MHz_Edge_1RB_Left



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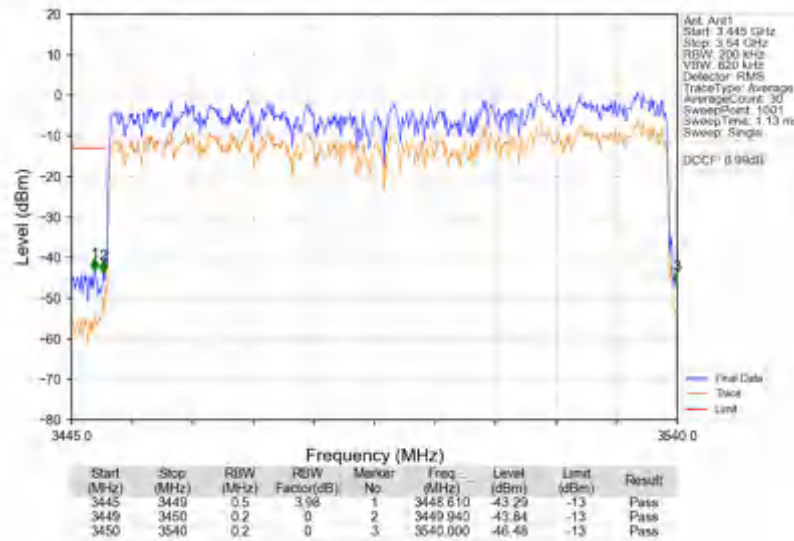


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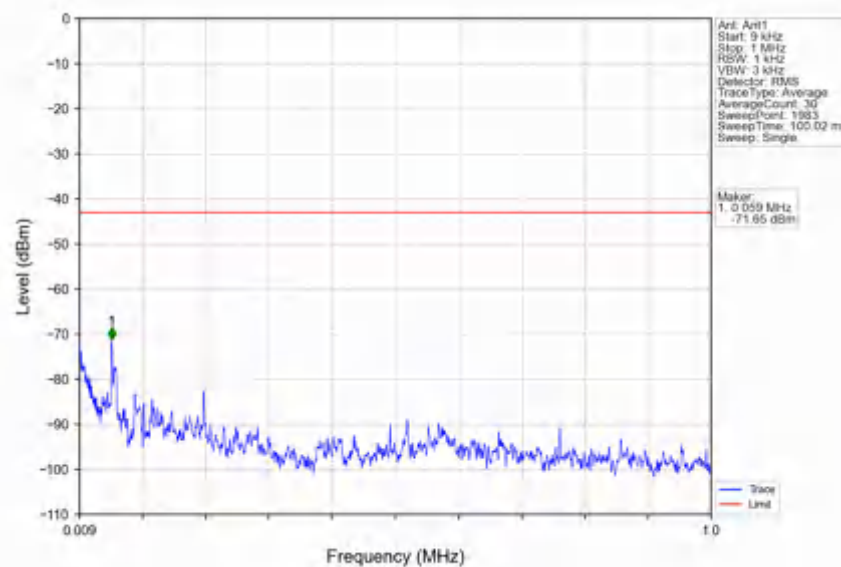
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0512 21530002 0512 21530003 4000000000

n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_QPSK_3495MHz_Outer_Full



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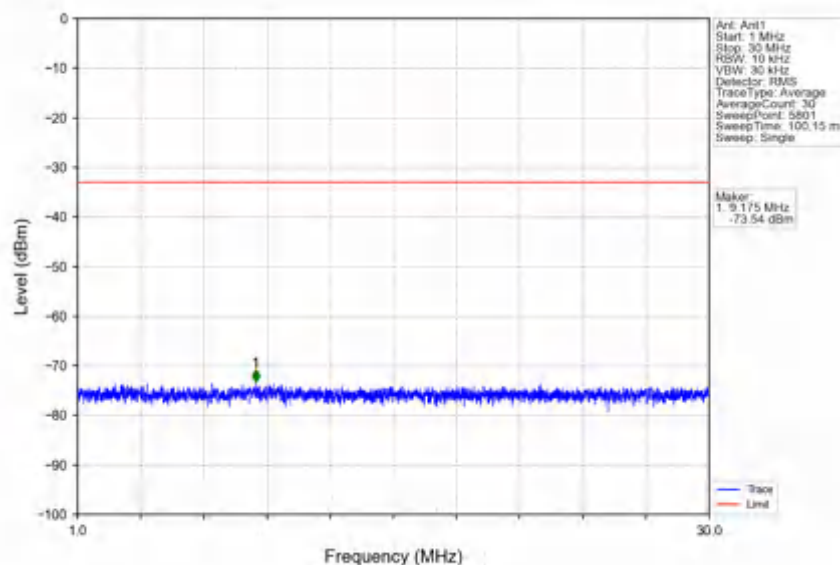


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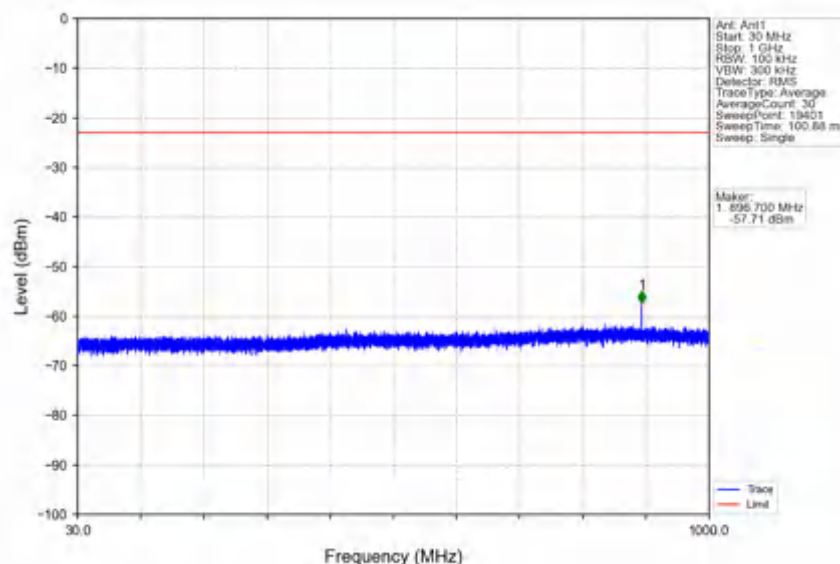
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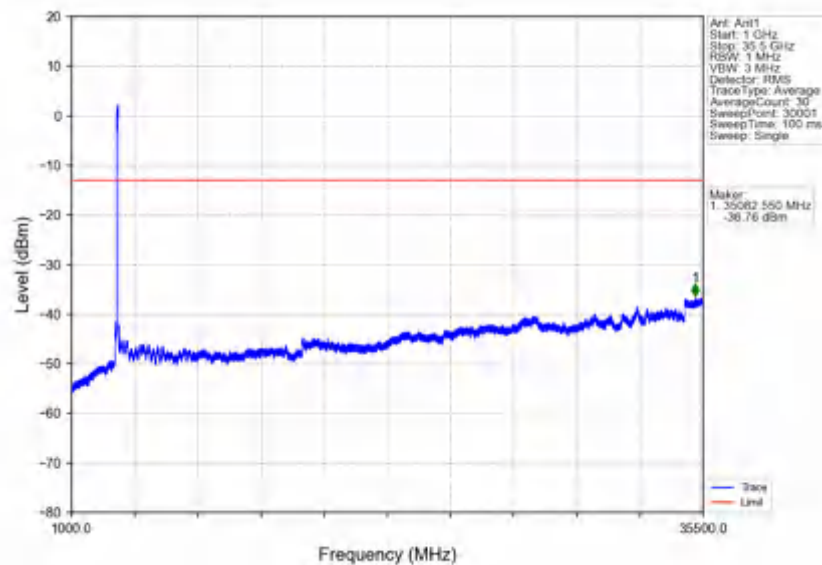


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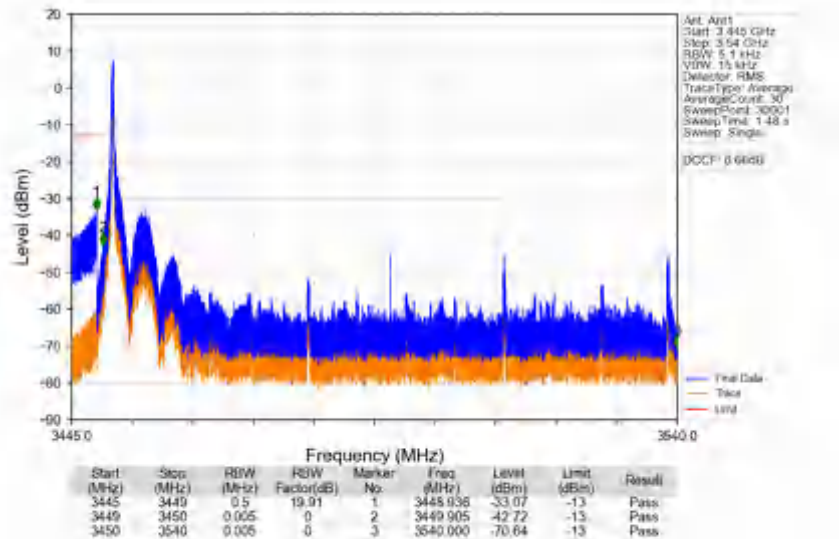
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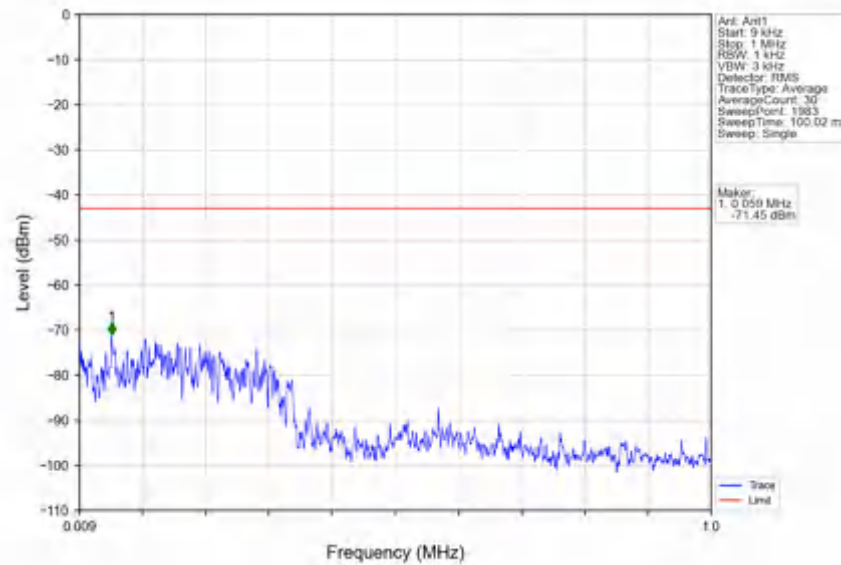


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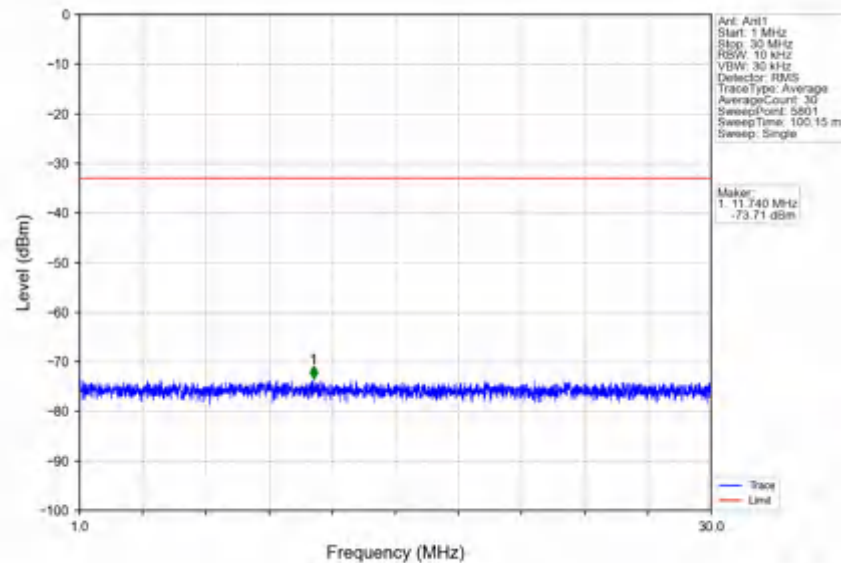
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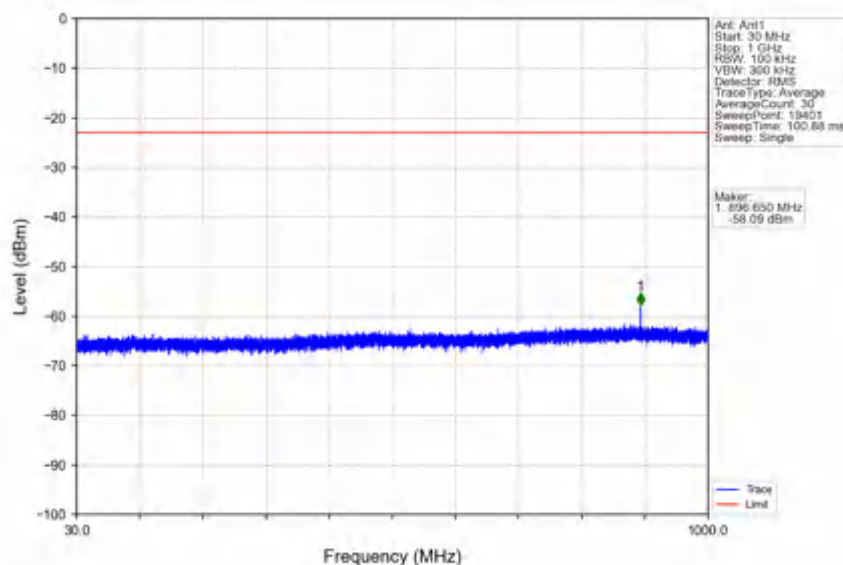


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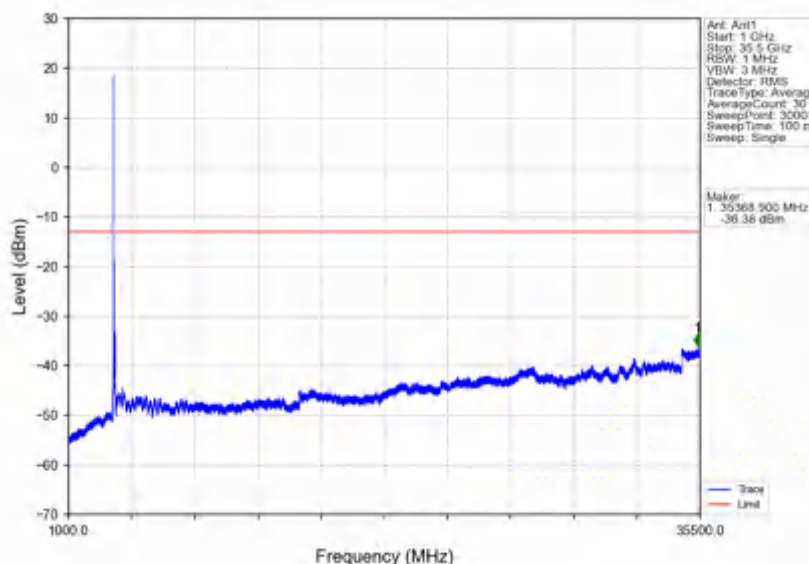
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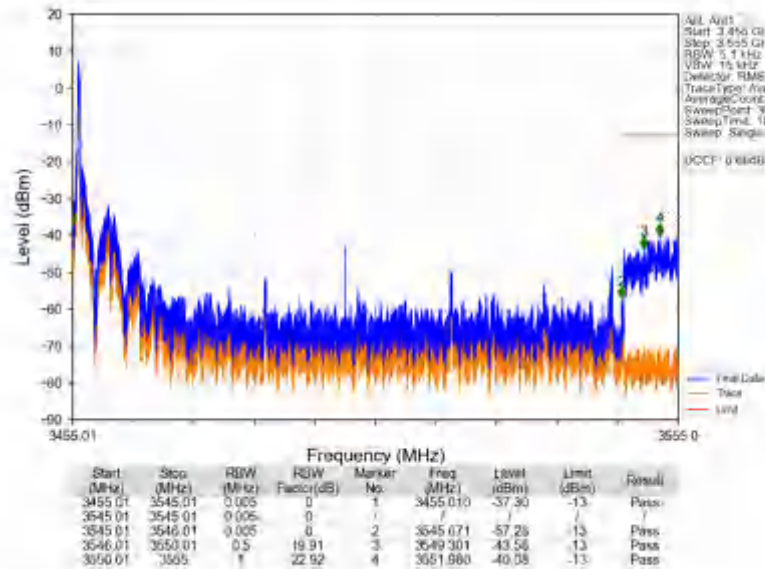


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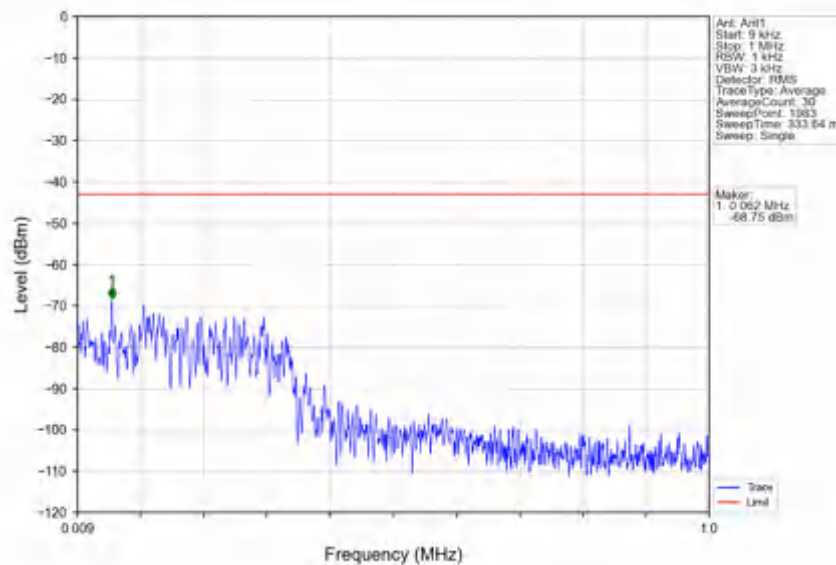
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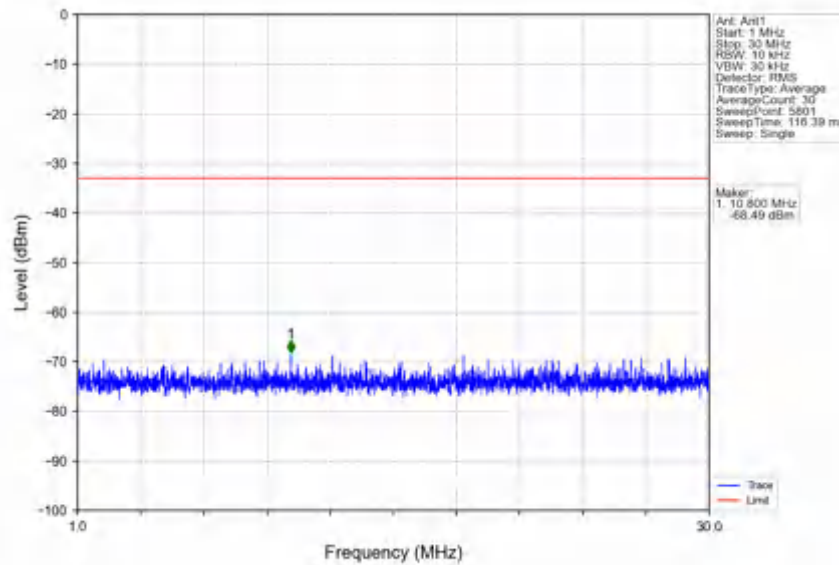
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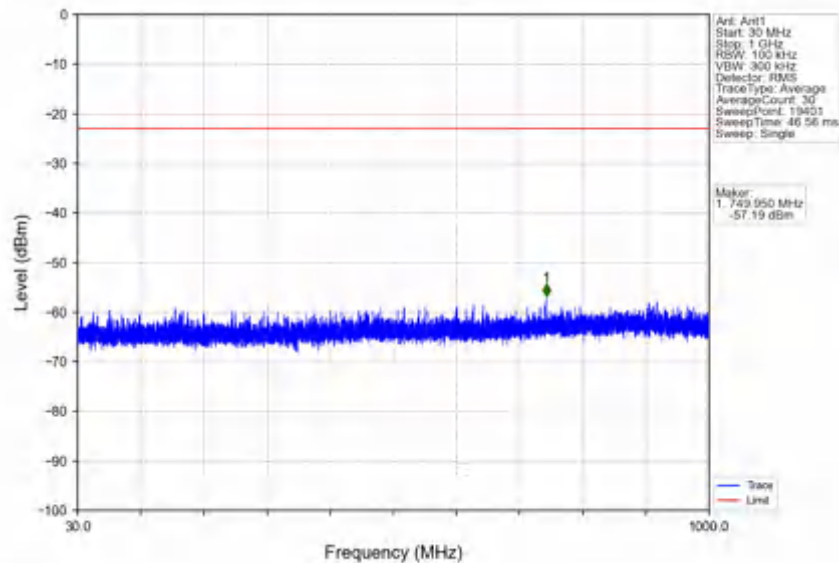
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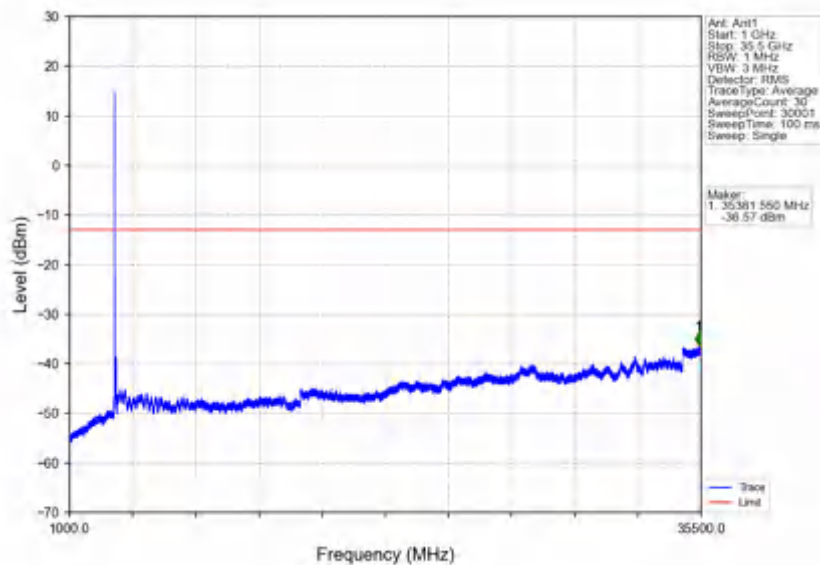


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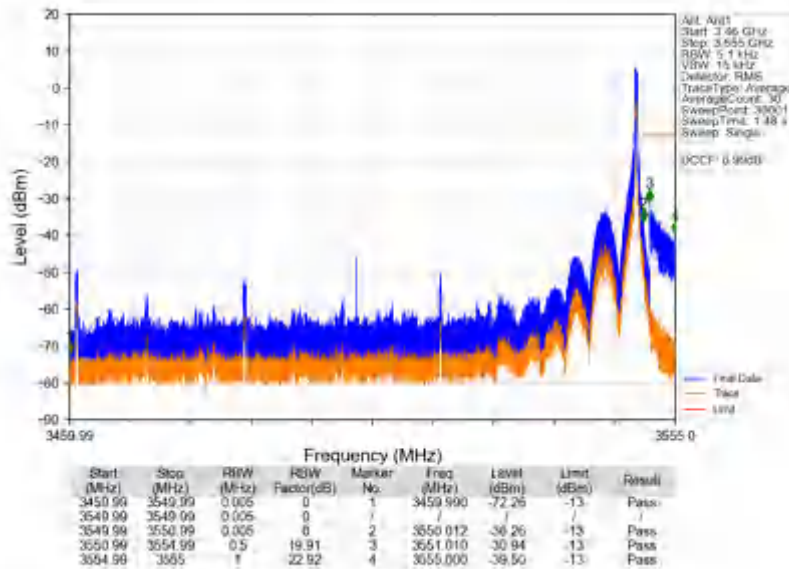
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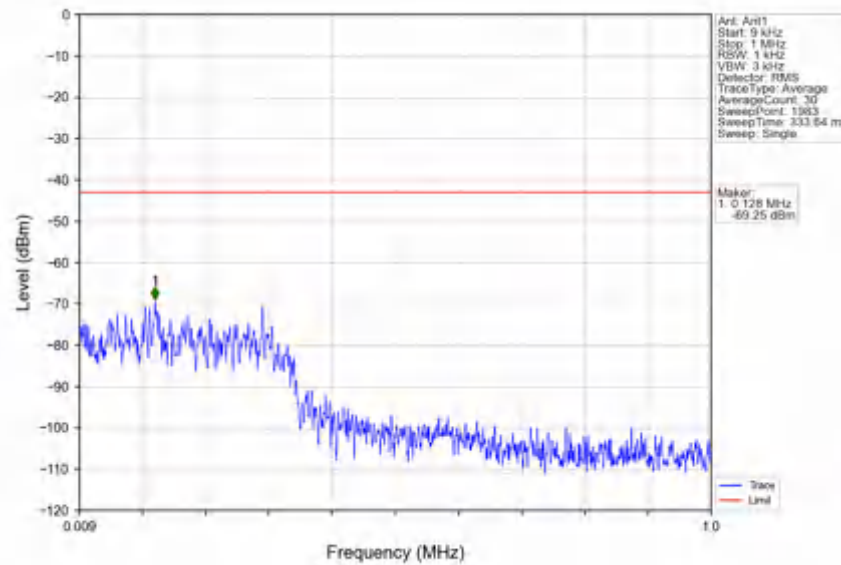


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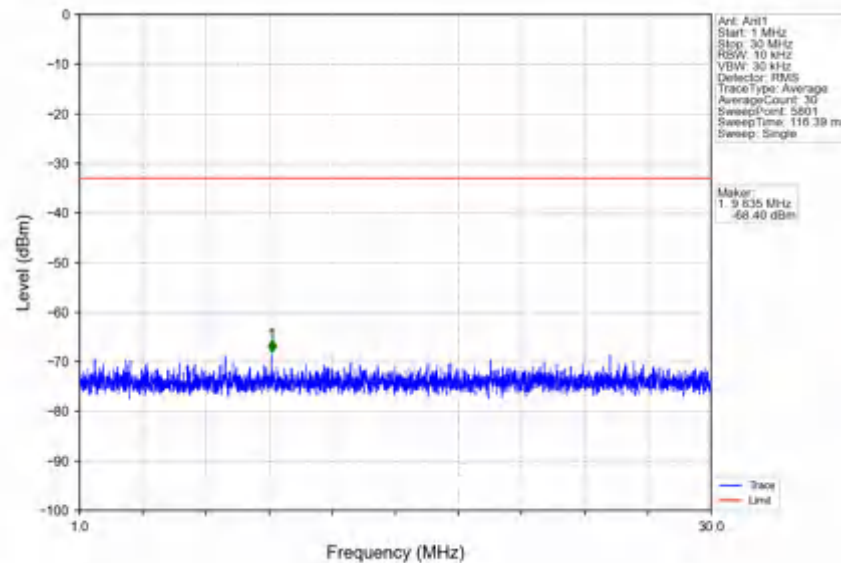
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n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_QPSK_3504.99MHz_Edge_1RB_Right



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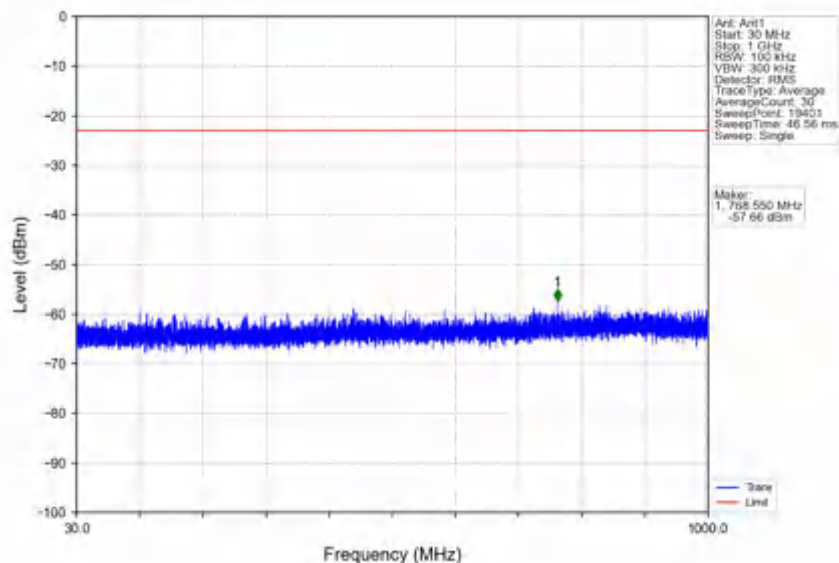


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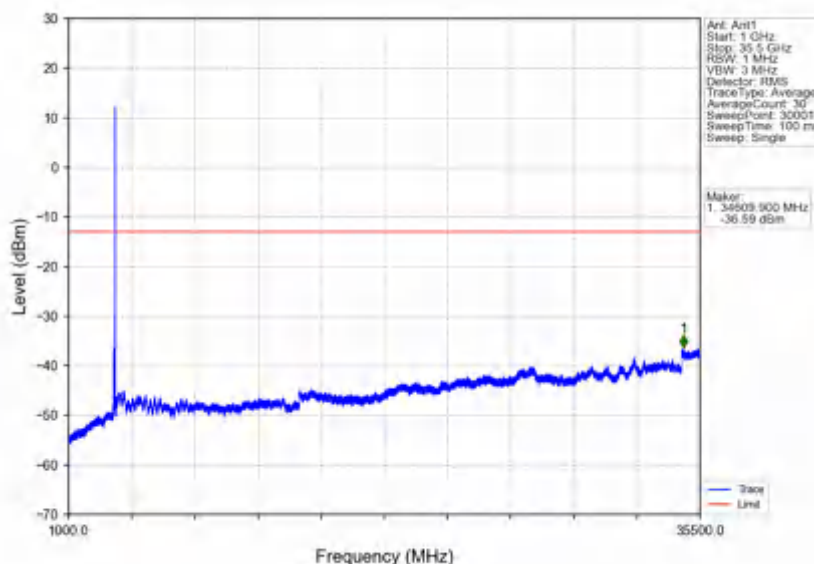
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n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM QPSK_3504.99MHz_Edge_1RB_Right



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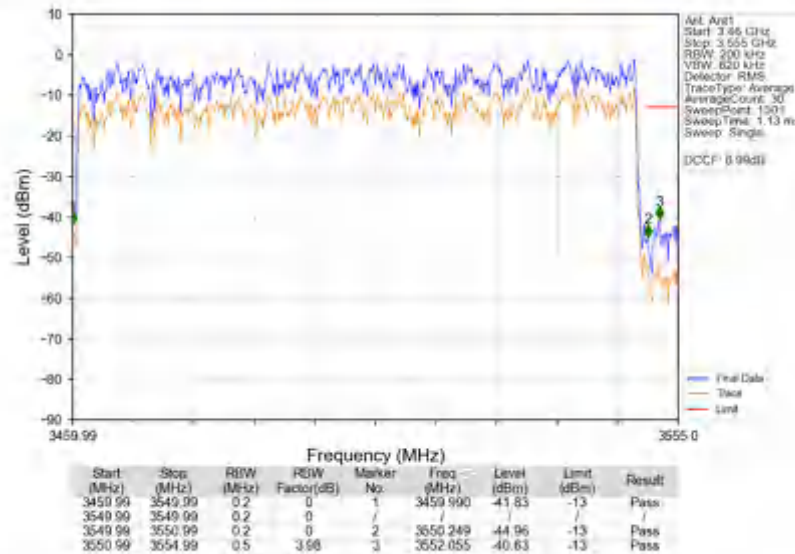


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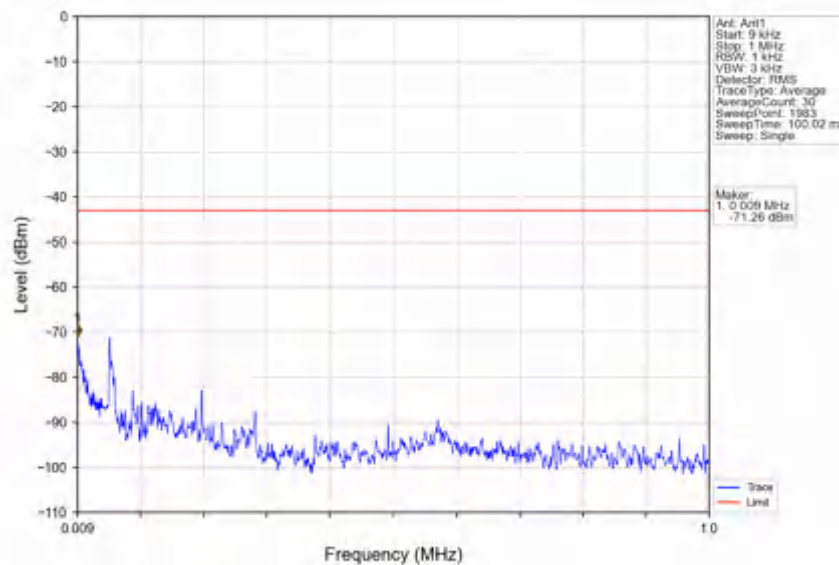
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n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_QPSK_3504.99MHz_Outer_Full



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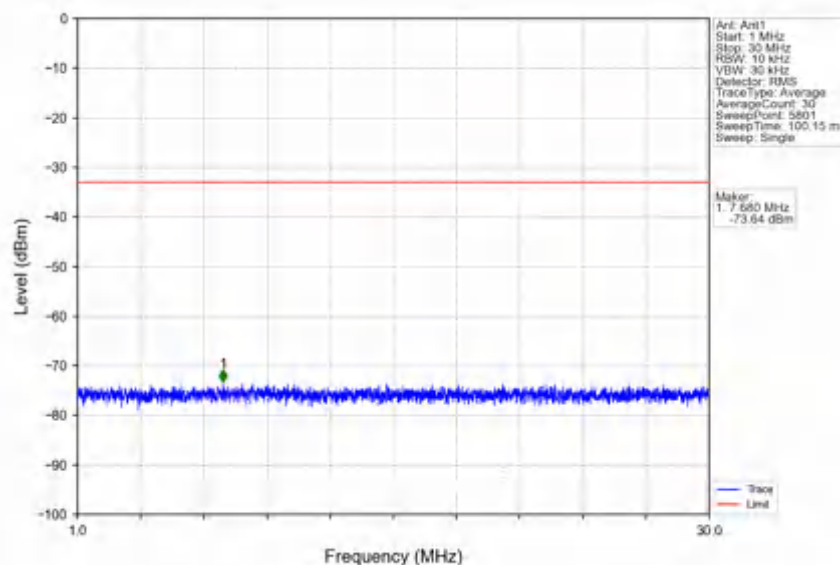


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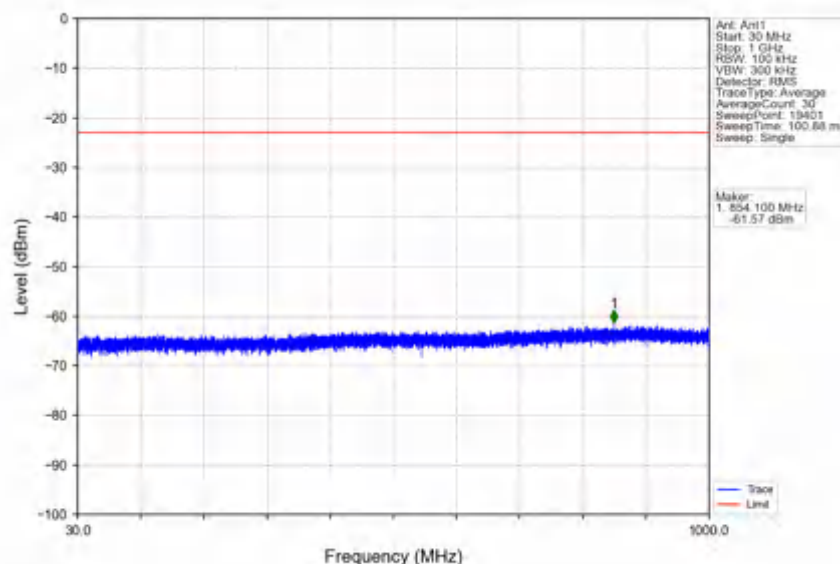
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n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_QPSK_3504.99MHz_Outer_Full



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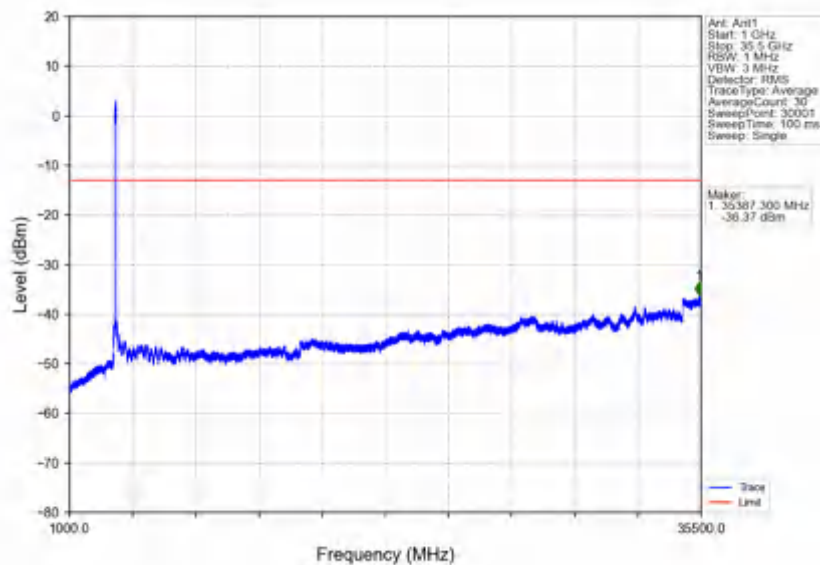


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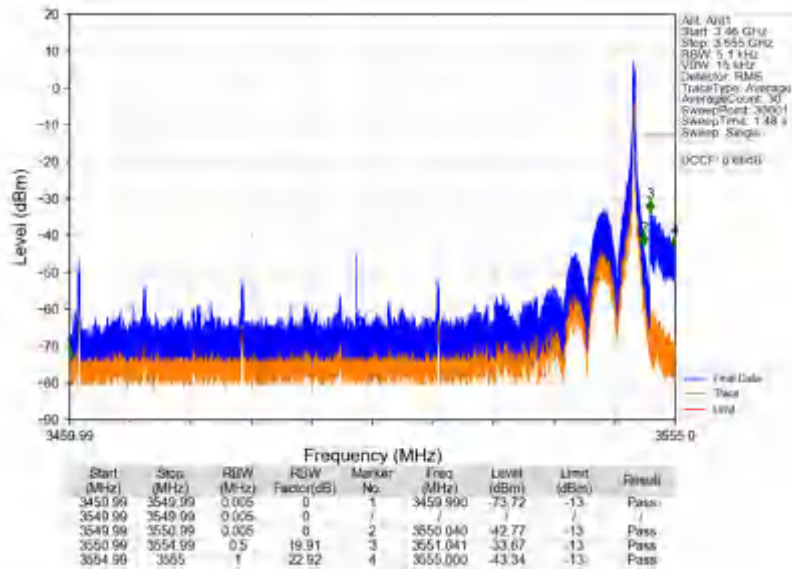
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n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_QPSK_3504.99MHz_Outer_Full



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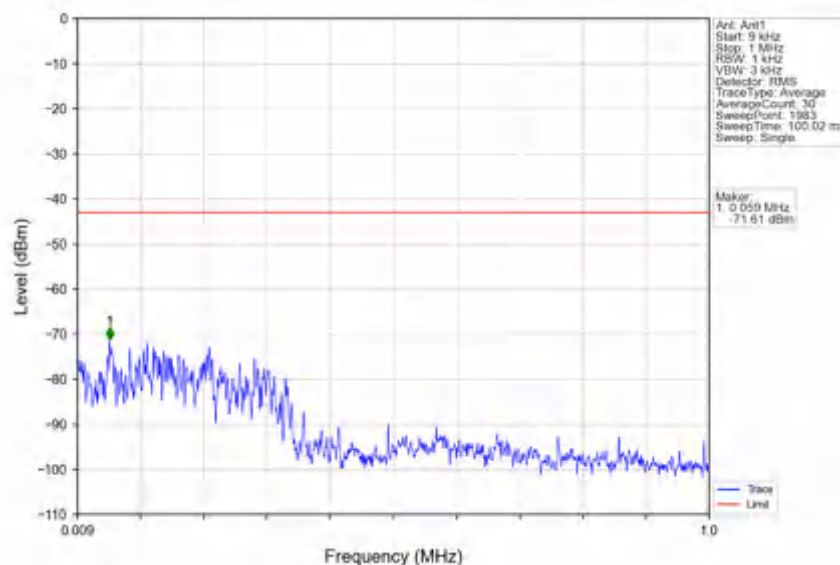


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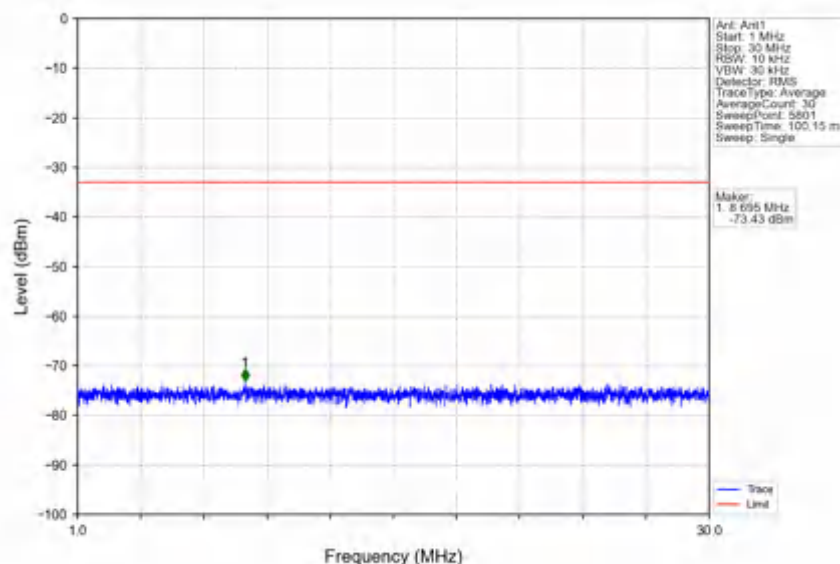
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n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM QPSK_3504.99MHz_Inner_1RB_Right



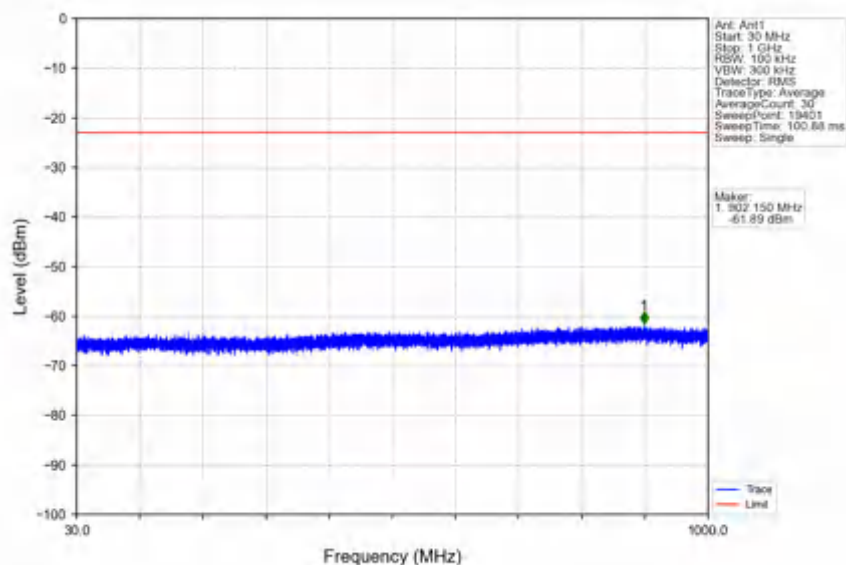
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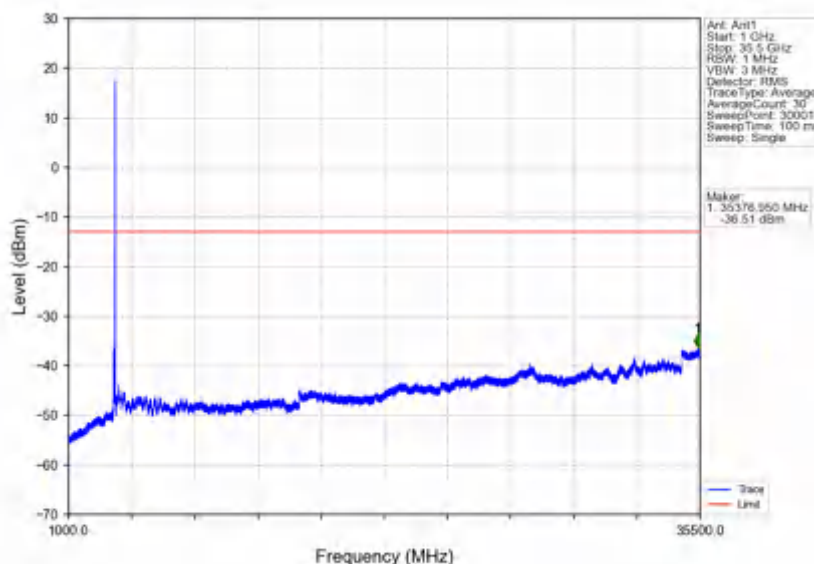
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n78e_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM QPSK_3504.99MHz_Inner_1RB_Right



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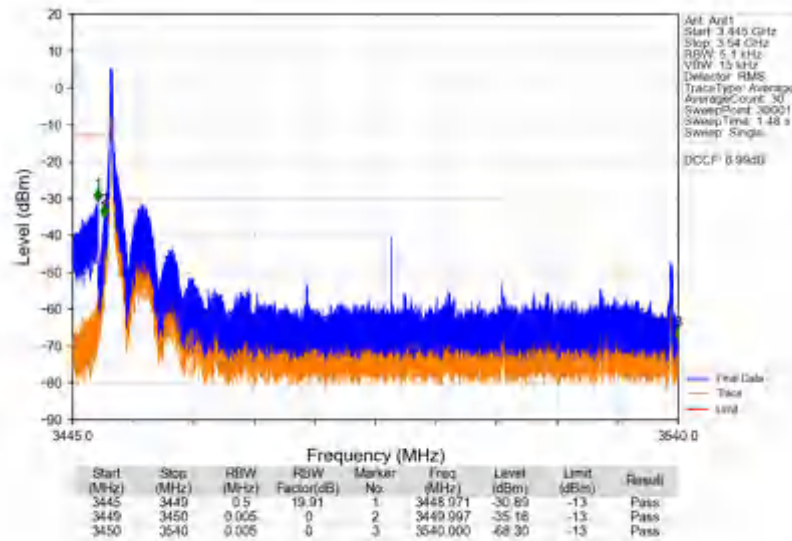


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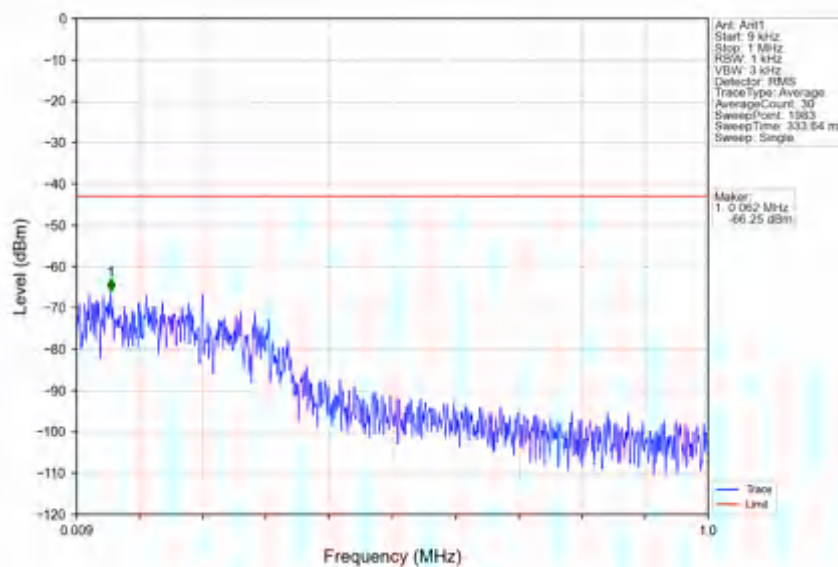
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n78e_30kHz_SISO_NTV_90MHz_CP-OFDM_QPSK_3495MHz_Edge_1RB_Left



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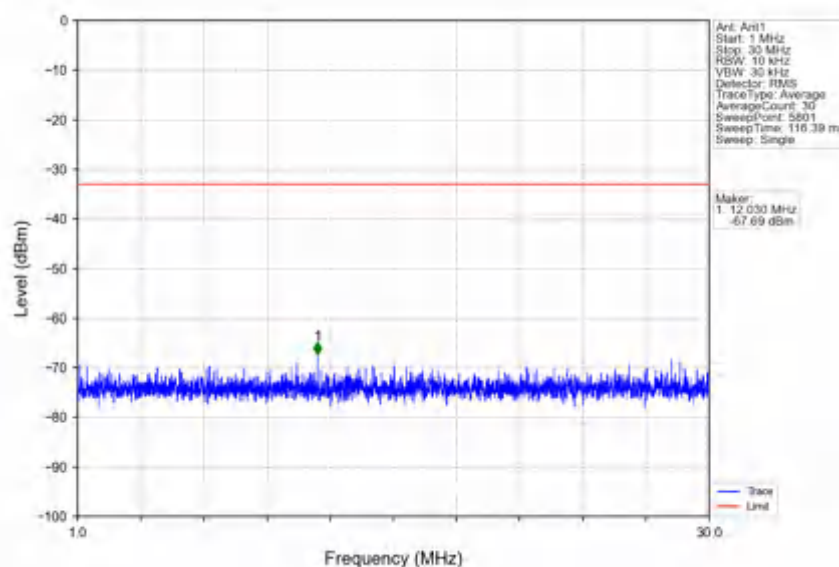


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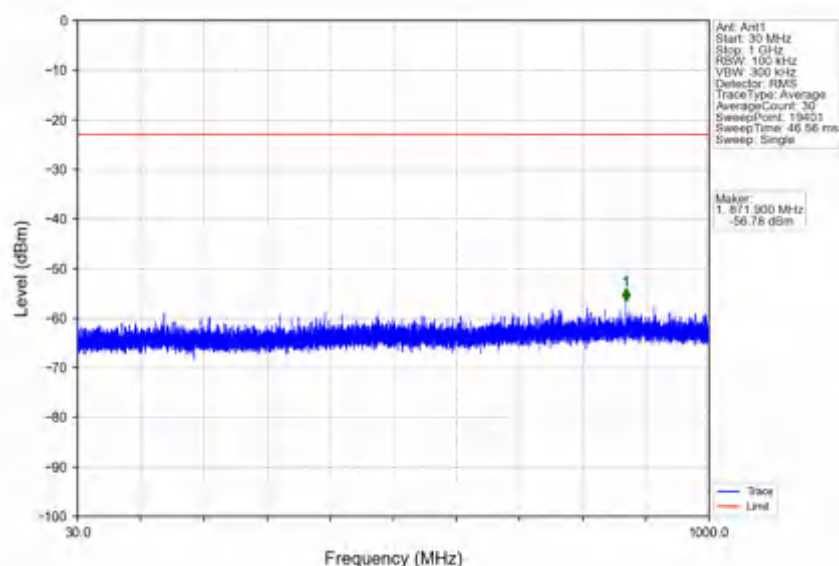
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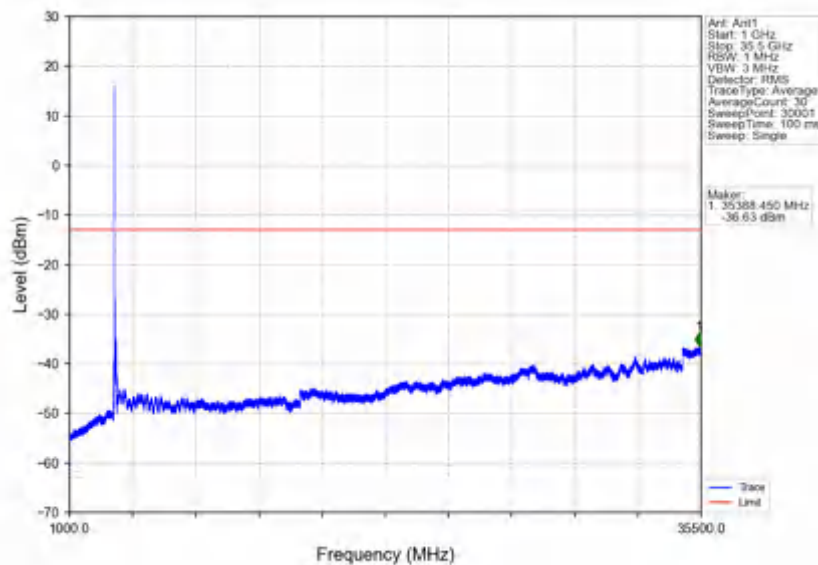


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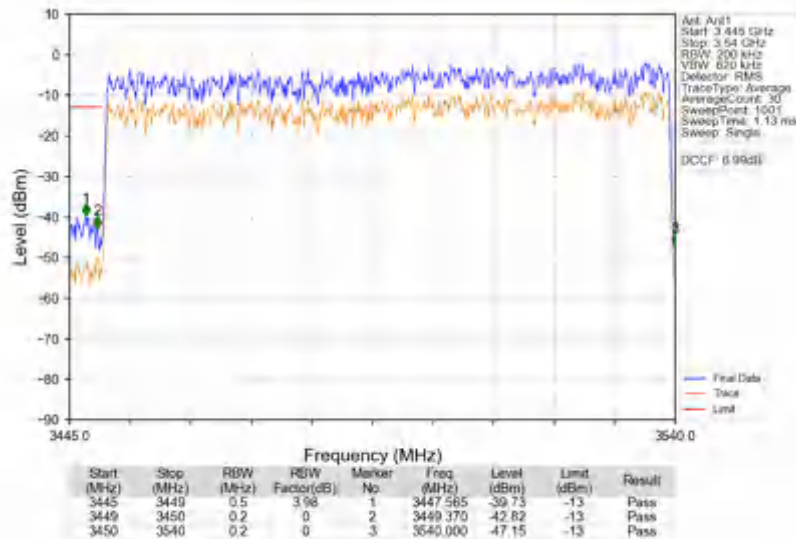
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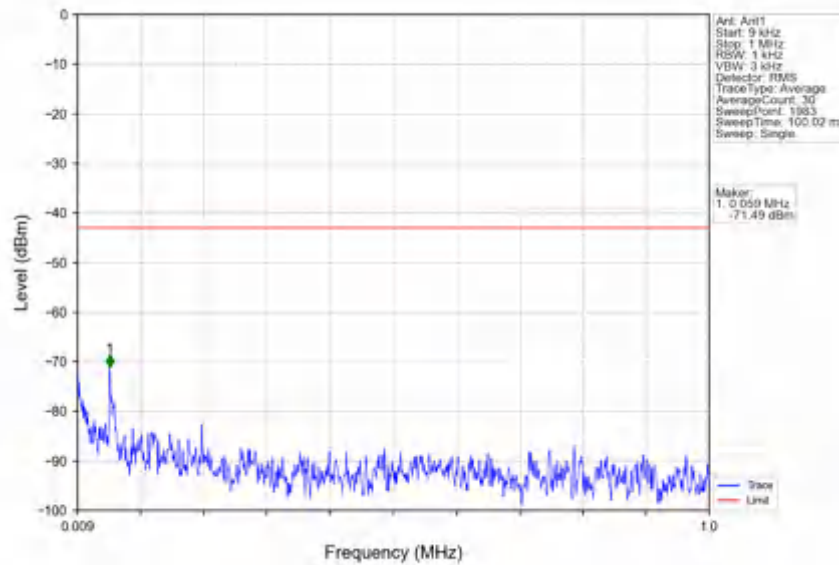


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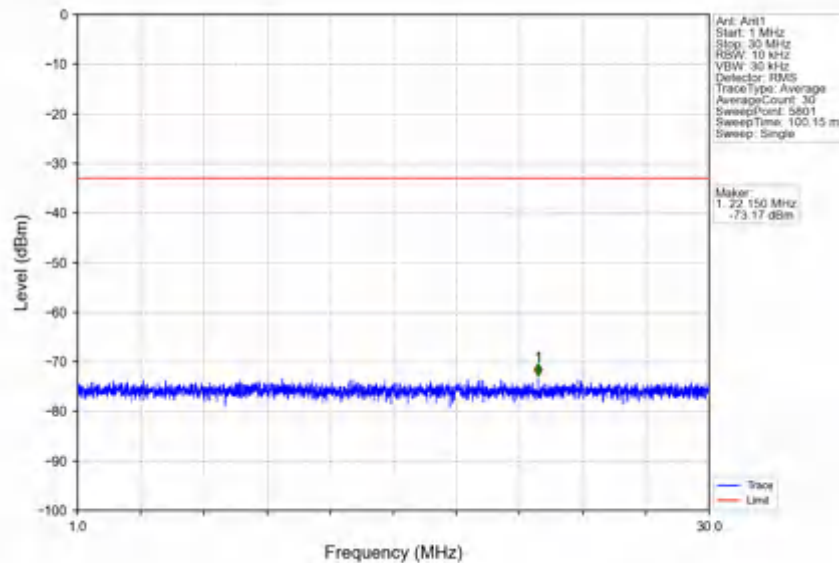
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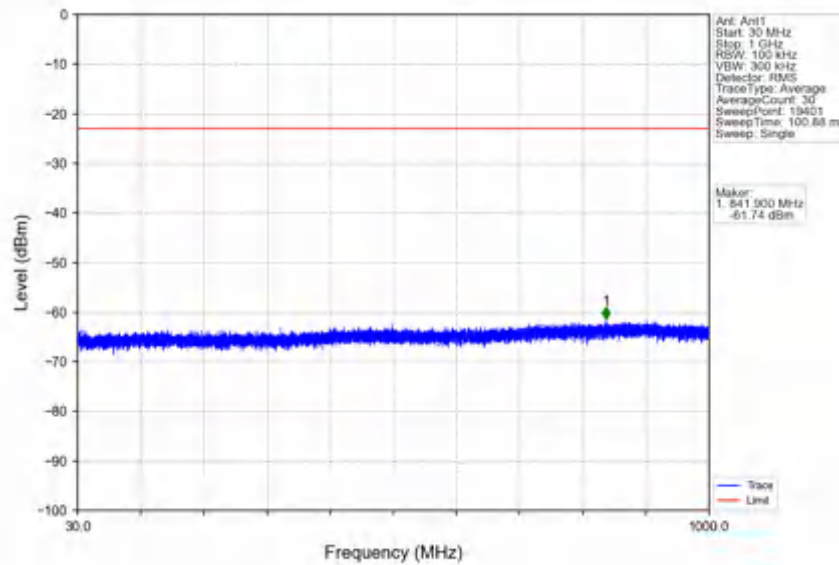


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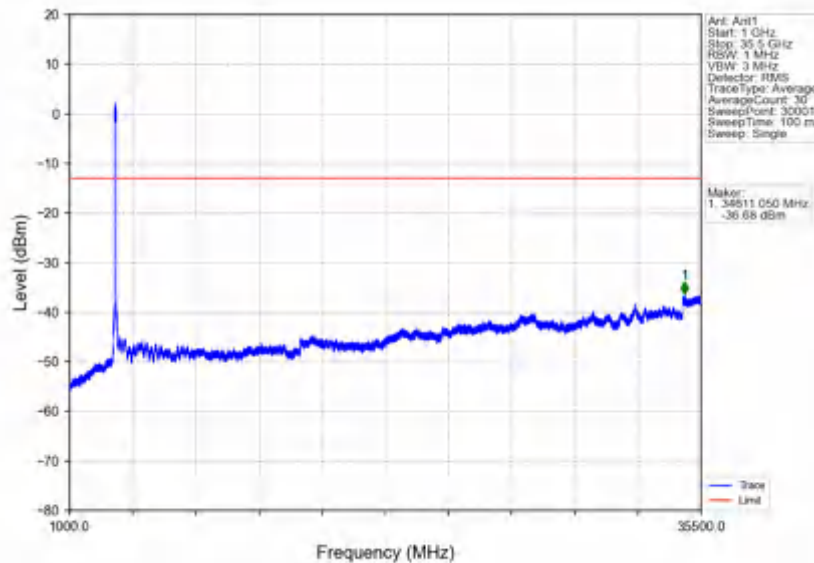
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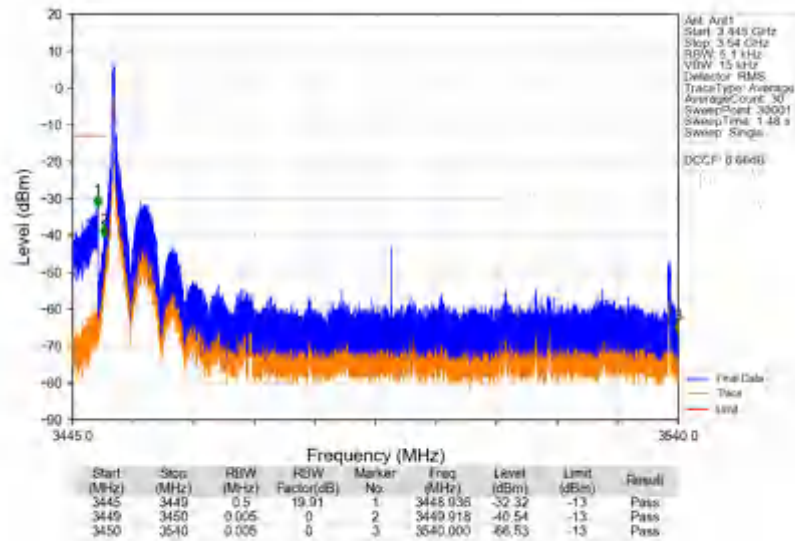


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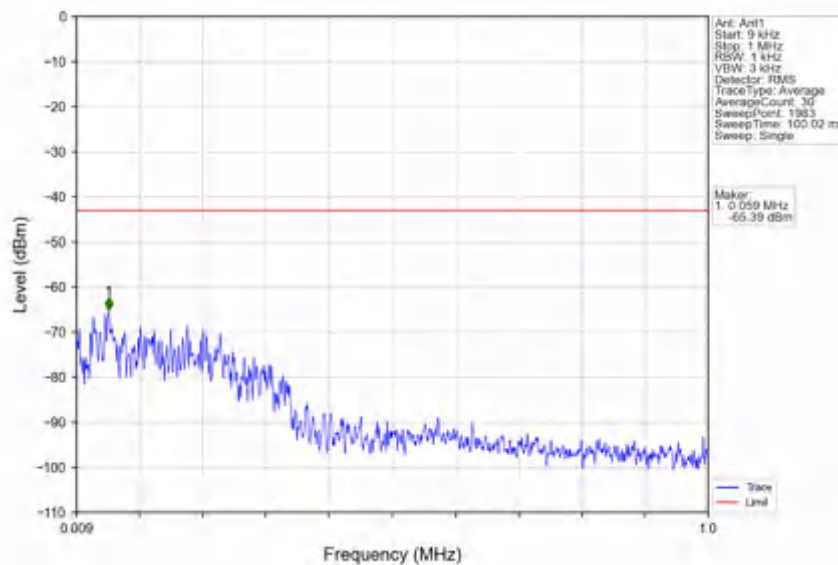
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n78e_30kHz_SISO_NTV_90MHz_CP-OFDM_QPSK_3495MHz_Inner_1RB_Left



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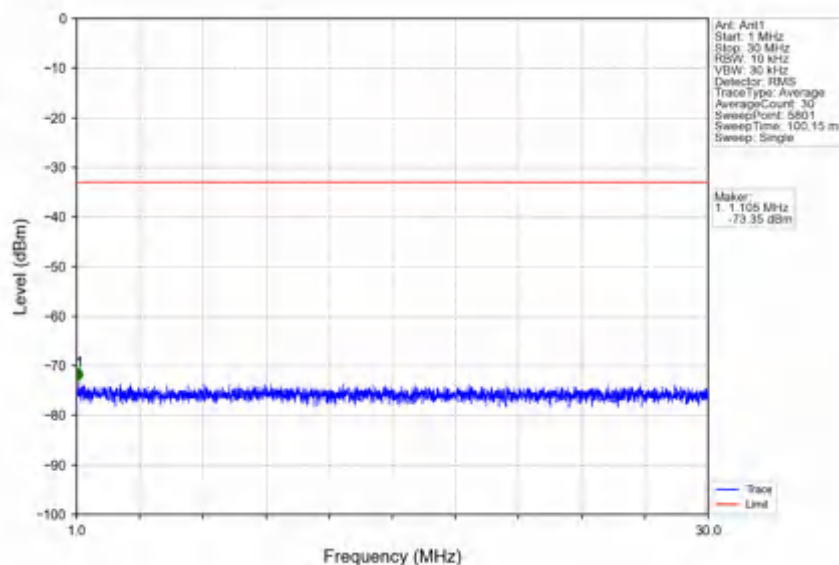


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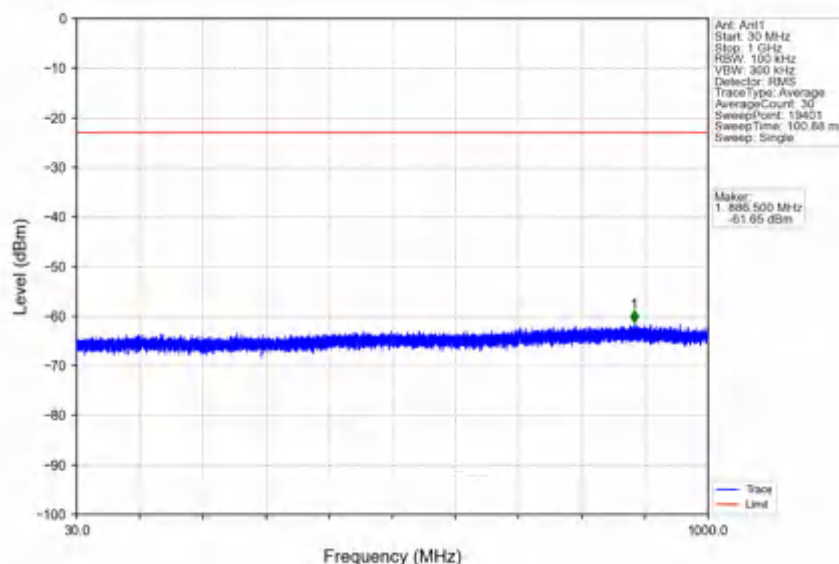
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n78e_30kHz_SISO_NTV_90MHz_CP-OFDM QPSK_3495MHz_Inner_1RB_Left



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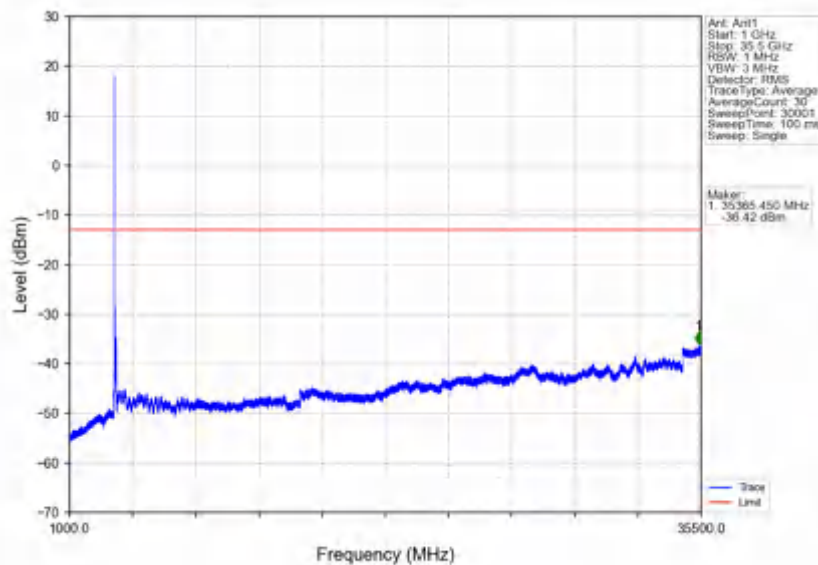


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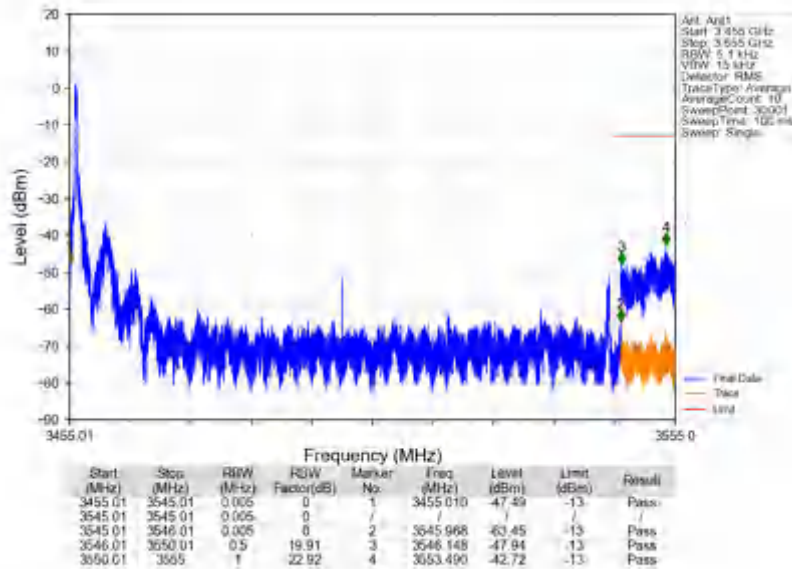
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 0512-51773083 0512-51773084 sgs@sgsgroup.com

n78e_30kHz_SISO_NTV_90MHz_CP-OFDM QPSK_3495MHz_Inner_1RB_Left



n78e_30kHz_SISO_NTV_90MHz_CP-OFDM QPSK_3500.01MHz_Edge_1RB_Left

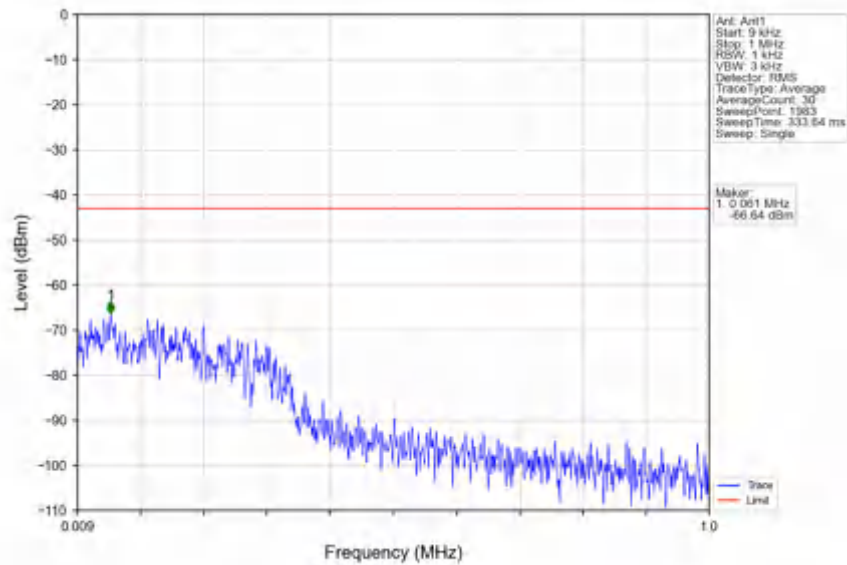


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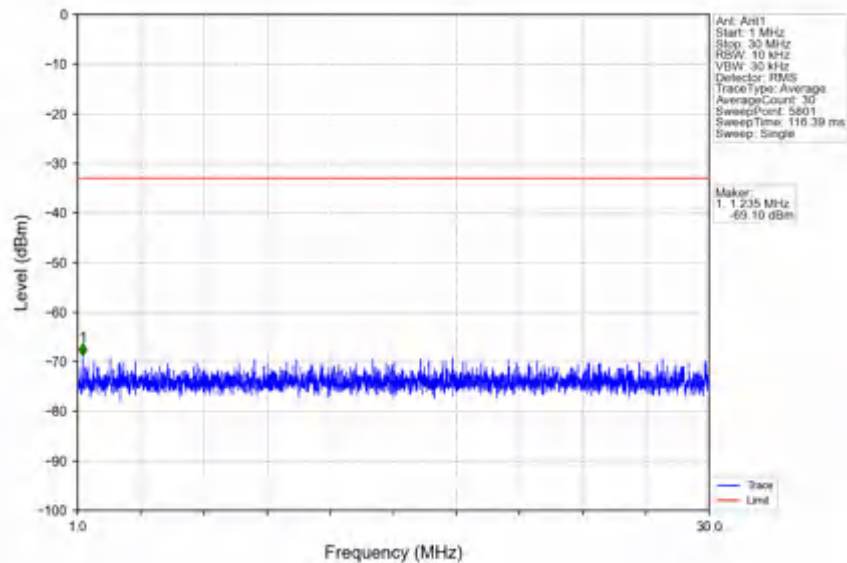
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0512-51773088 0512-51773089 SGS Group (Kunshan) Inc.

n78e_30kHz_SISO_NTV_90MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left



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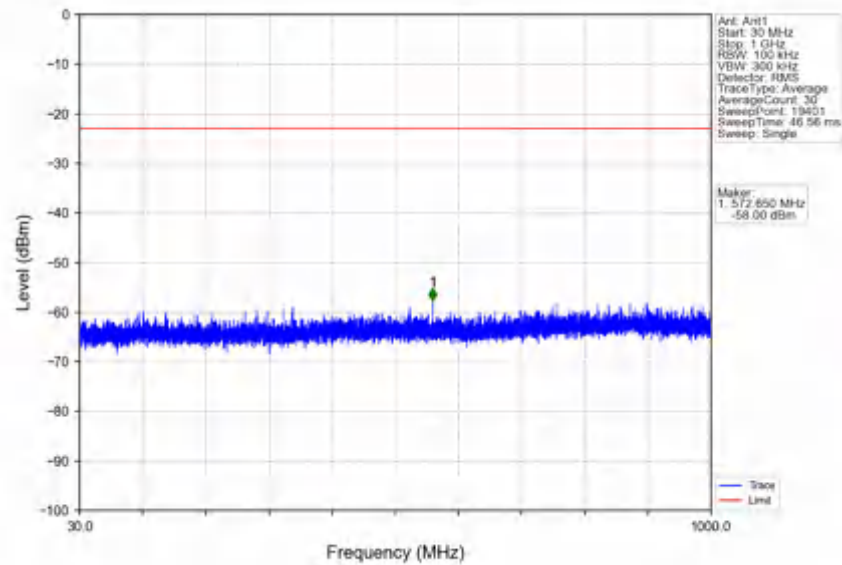


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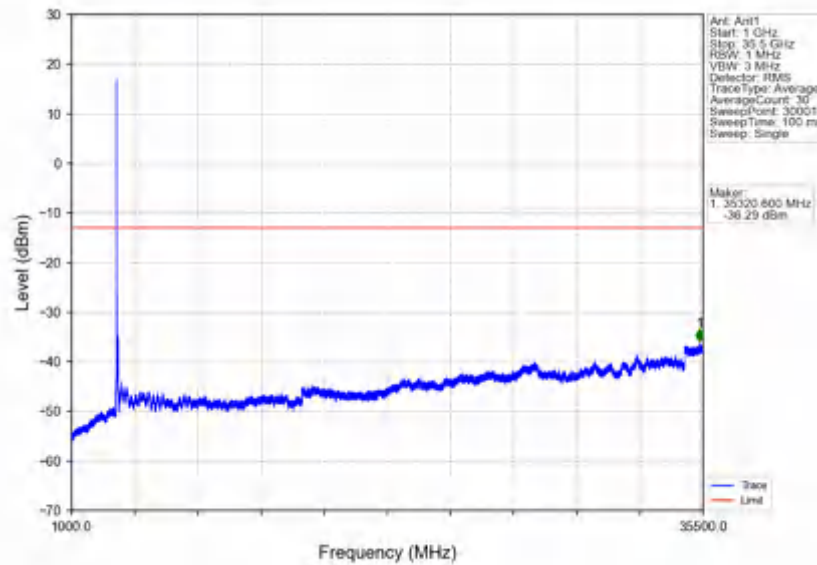
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n78e_30kHz_SISO_NTV_90MHz_CP-OFDM QPSK_3500.01MHz_Edge_1RB_Left



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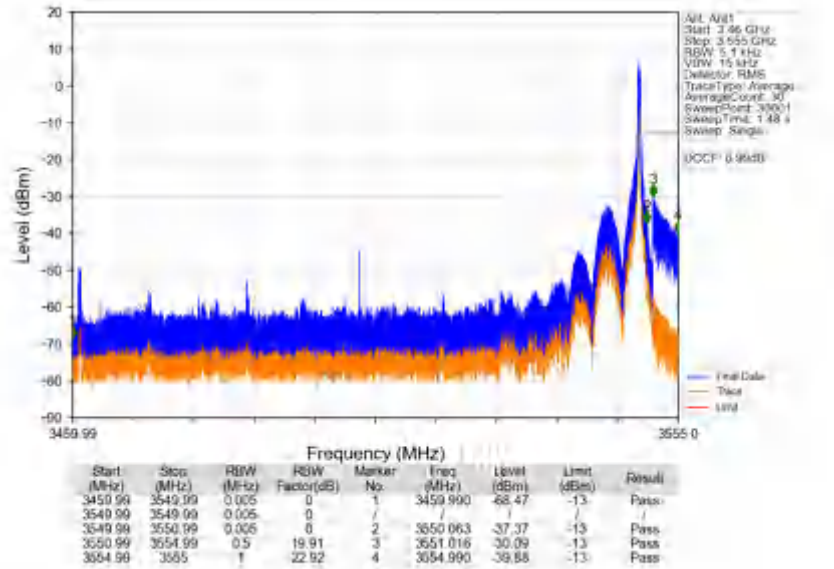


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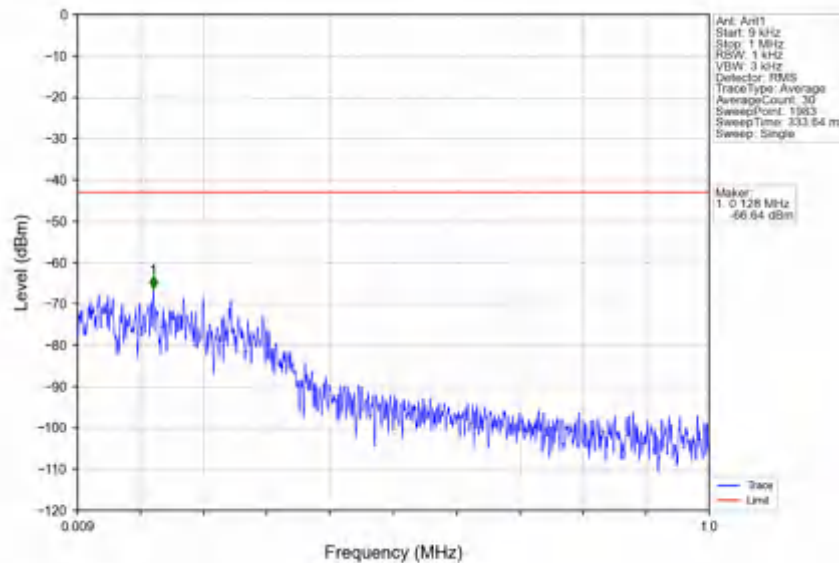
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0512 9611 0000 0512 9611 0000
0512 9611 0000 0512 9611 0000

n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM QPSK_3504.99MHz_Edge_1RB_Right



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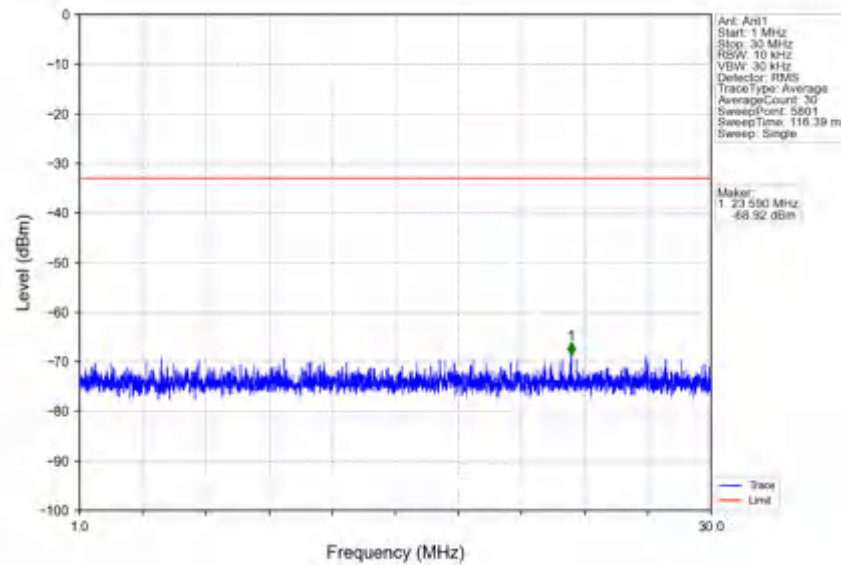


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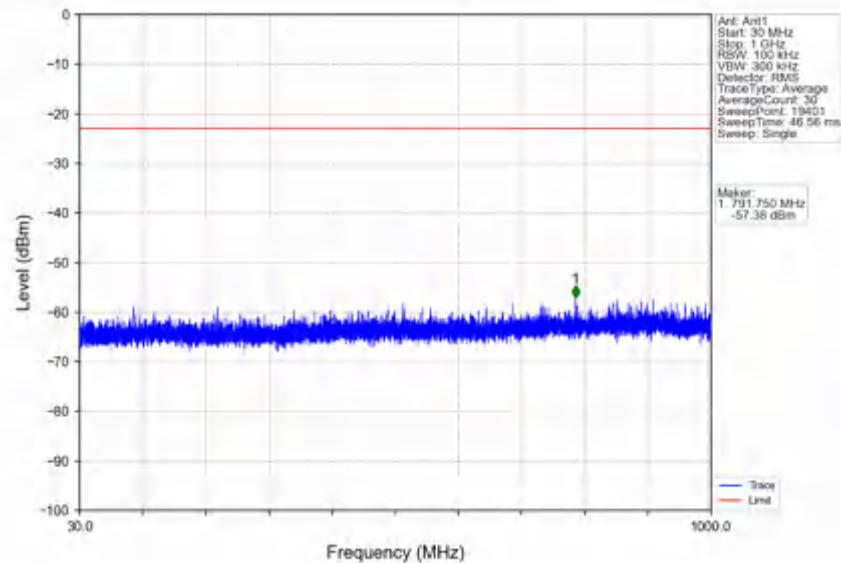
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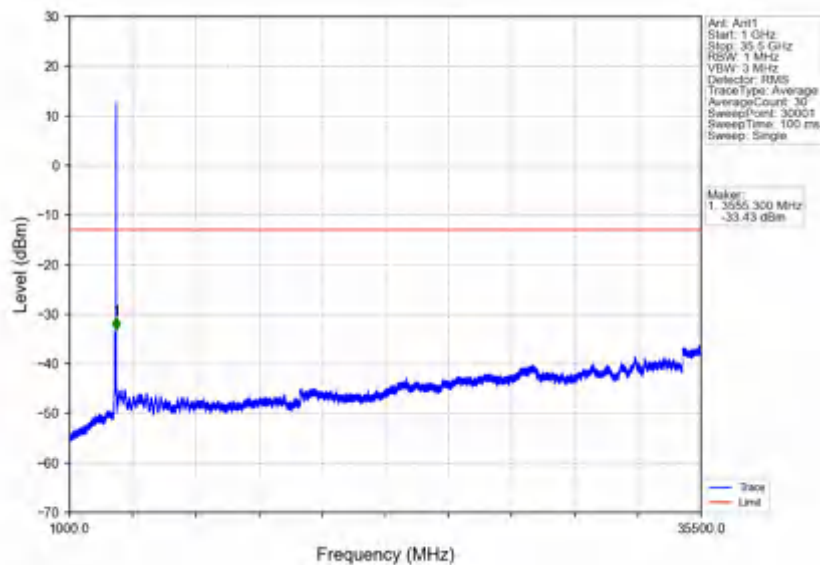


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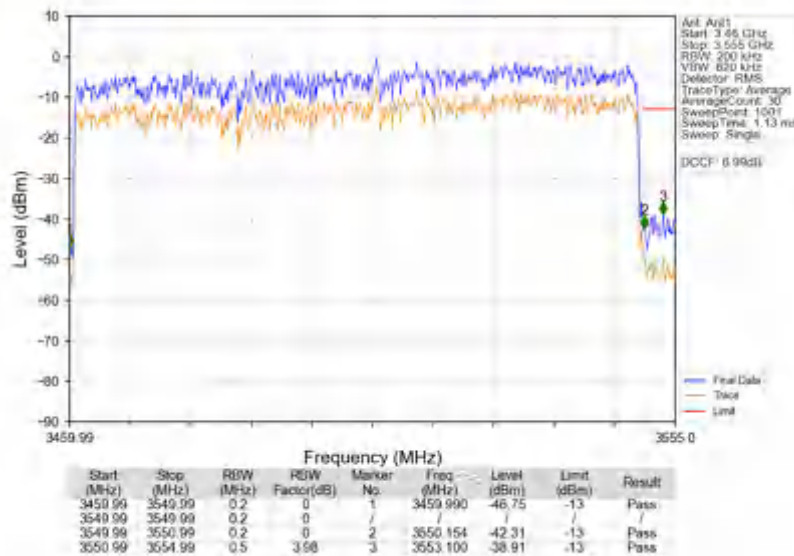
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n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM QPSK_3504.99MHz_Edge_1RB_Right



n78e_30kHz_SISO_NTNV_90MHz_CP-OFDM QPSK_3504.99MHz_Outer_Full

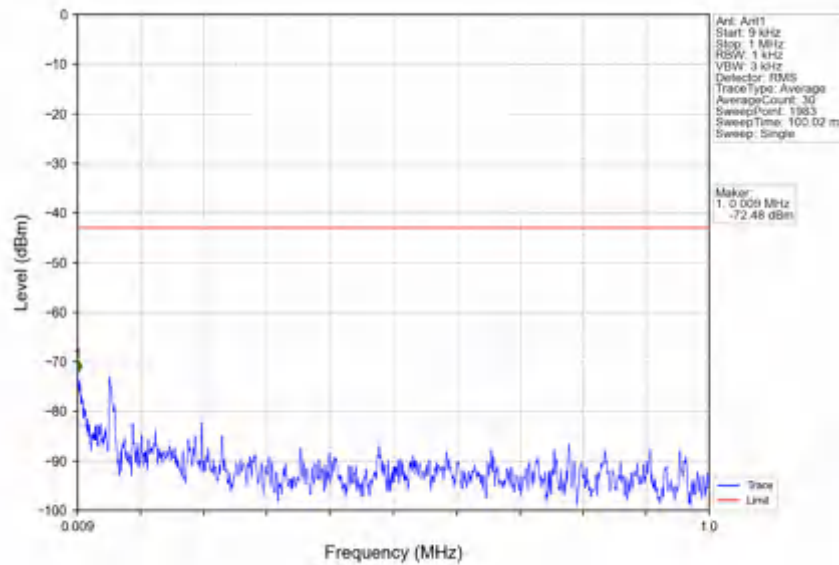


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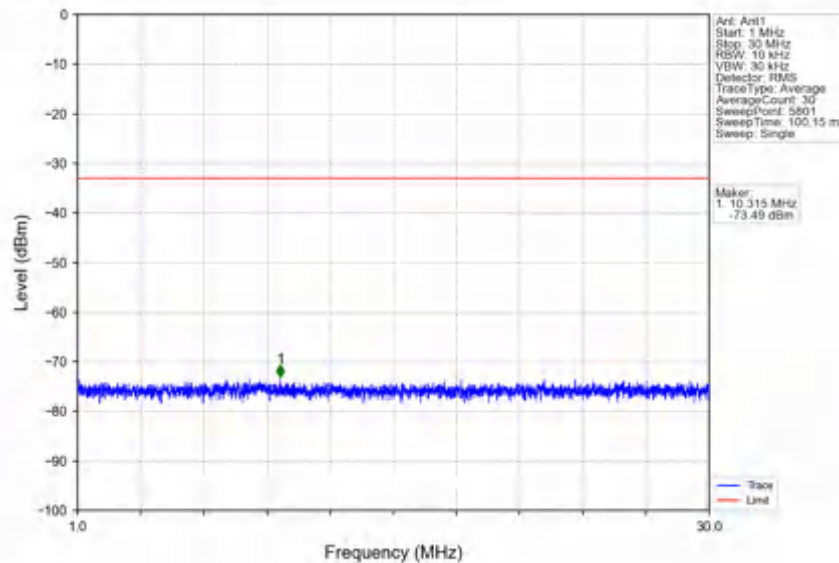
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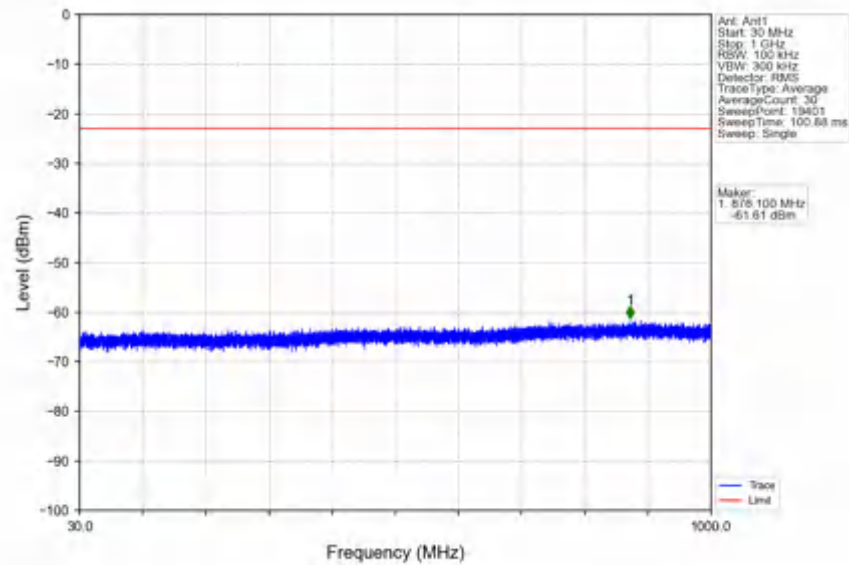


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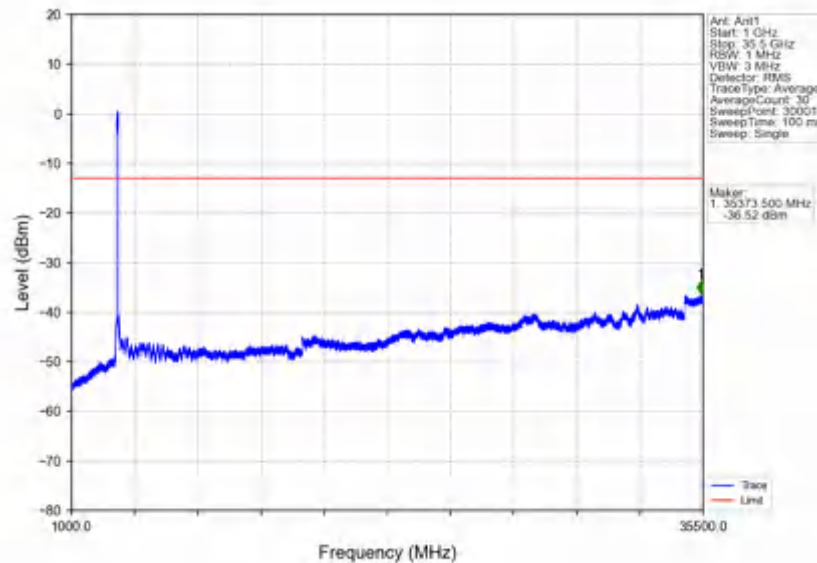
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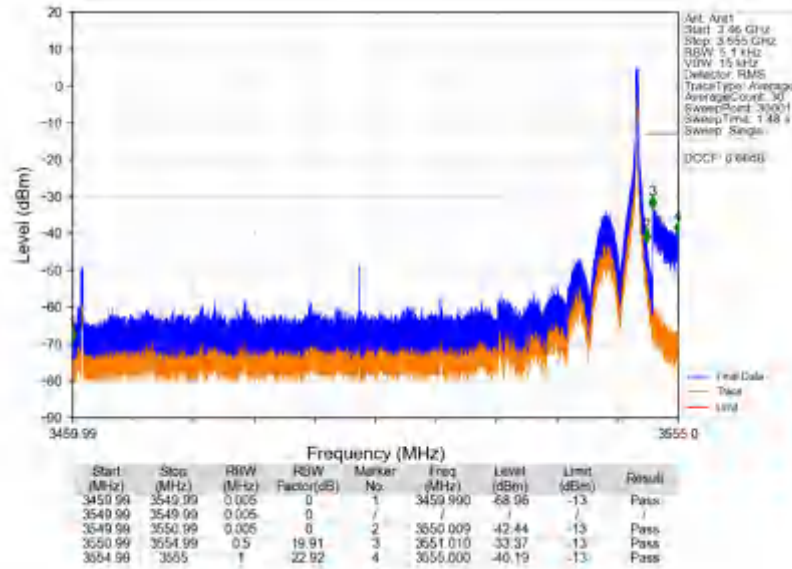


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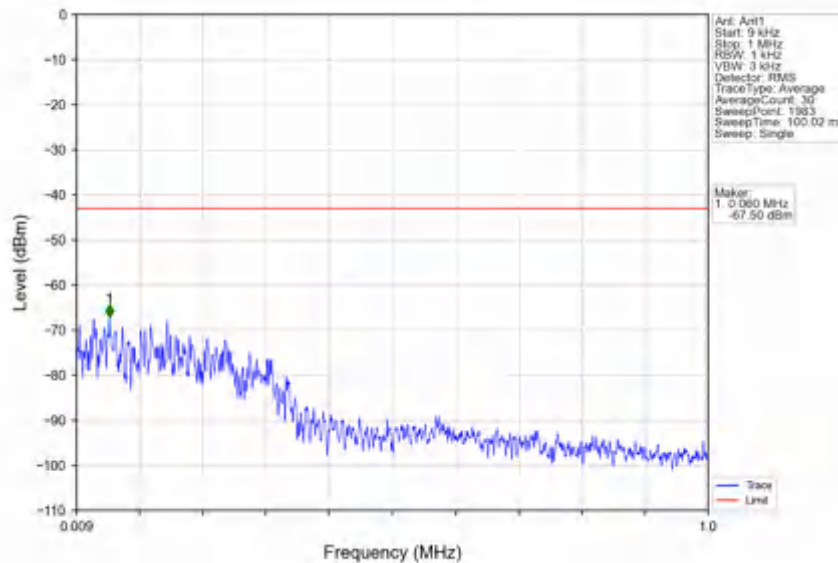
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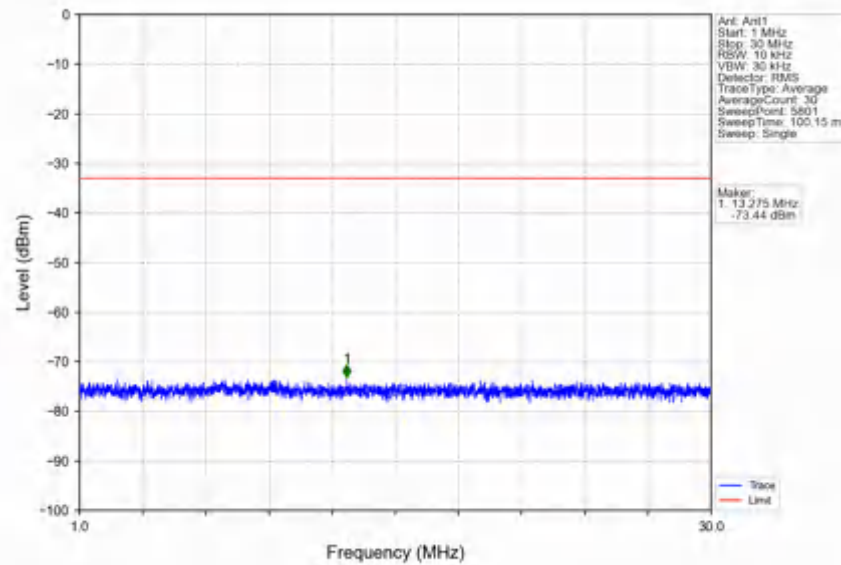


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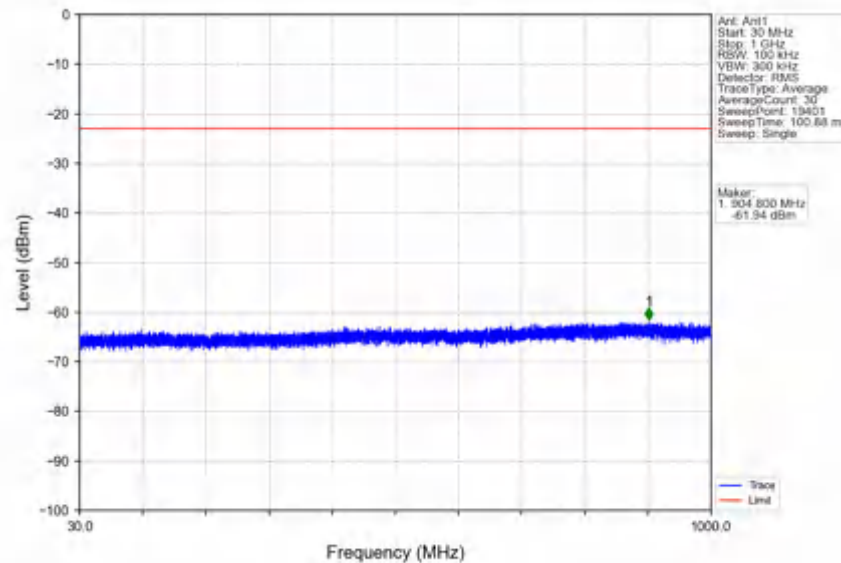
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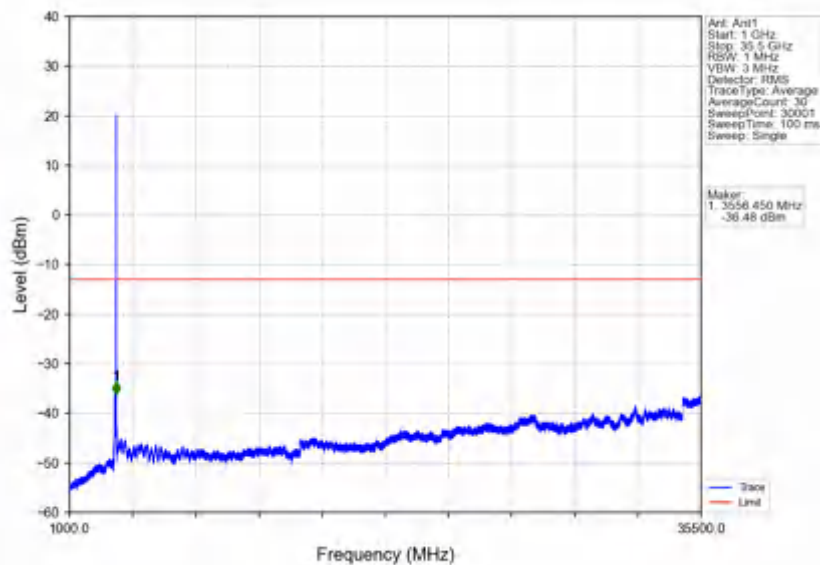


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9.19 30k_SISO_100MHz_NTNV

9.19.1 Test Result

5G NR n78e SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
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
	3499.98	Edge 1RB Left	Refer To Test Graph			Pass
		Edge 1RB Right	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
DFT-s-OFDM QPSK	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
	3499.98	Inner 1RB Left	Refer To Test Graph			Pass
		Edge 1RB Right	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
CP-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
	3499.98	Inner 1RB Left	Refer To Test Graph			Pass
		Edge 1RB Right	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass

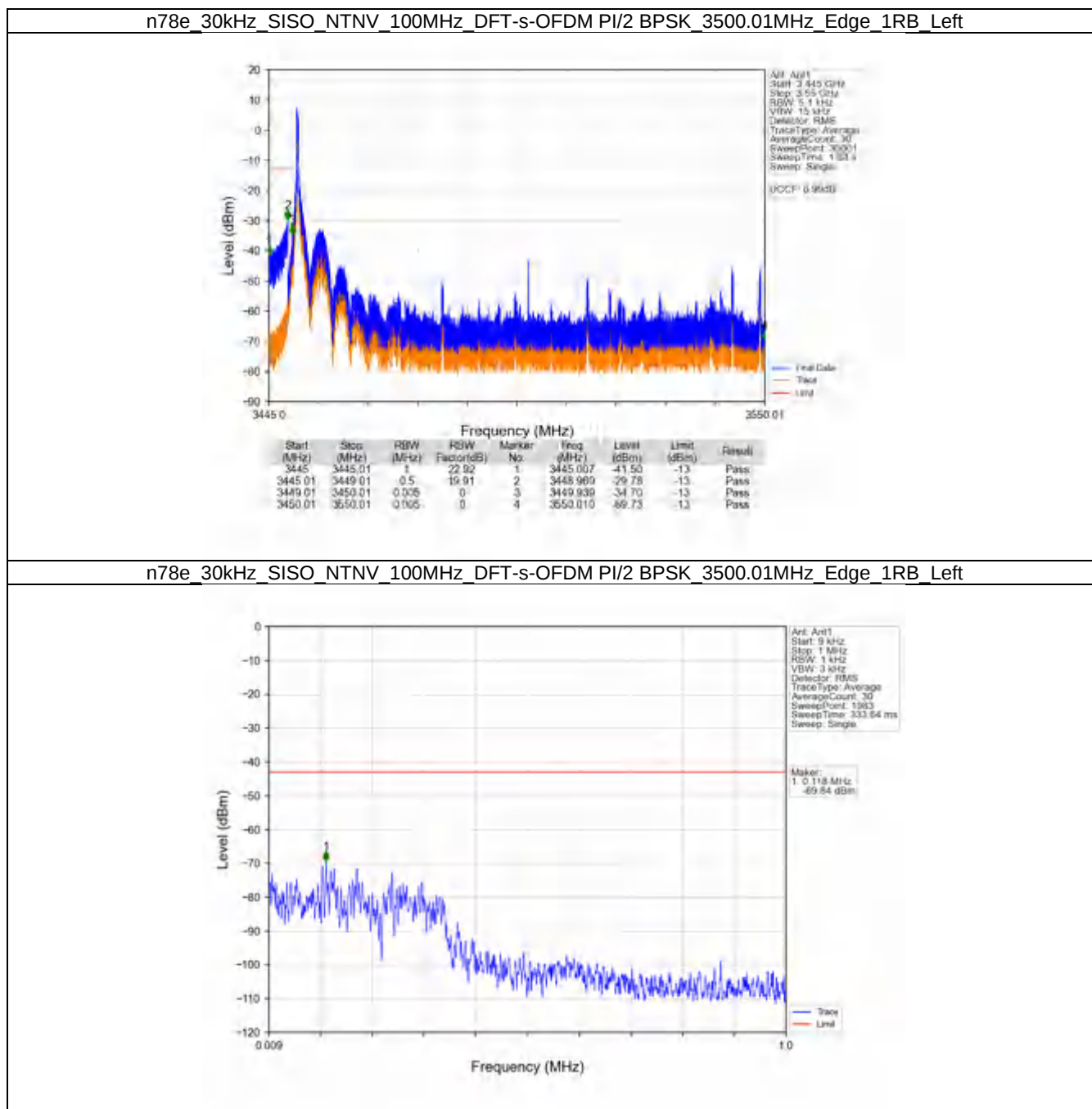


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9.19.2 Test Graph

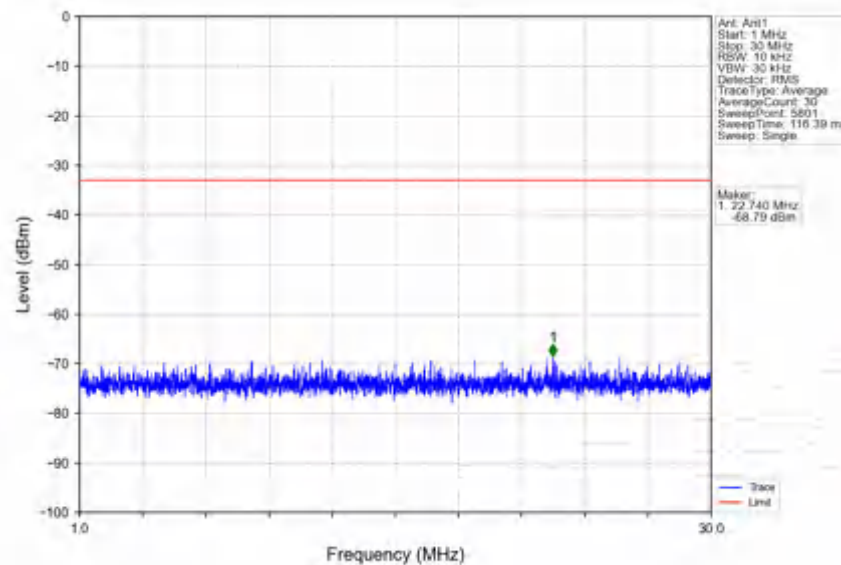


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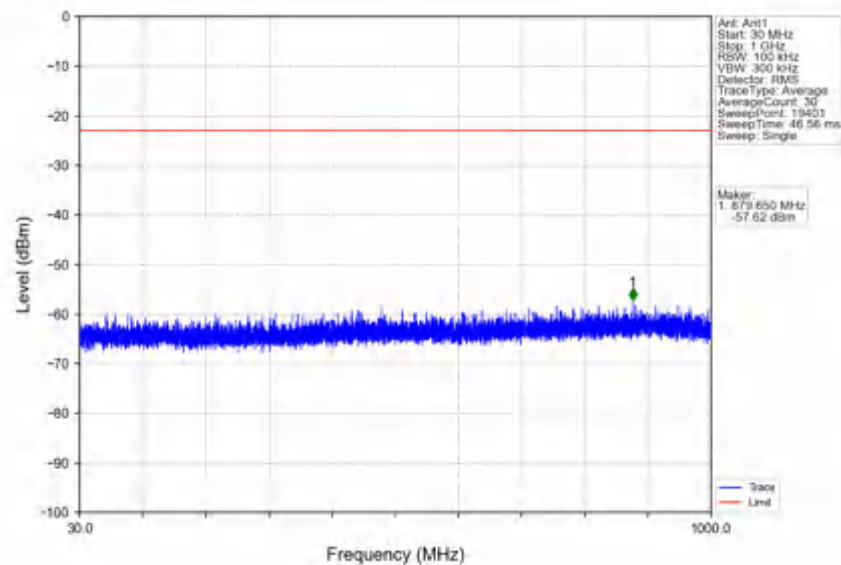
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n78e_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_3500.01MHz_Edge_1RB_Left



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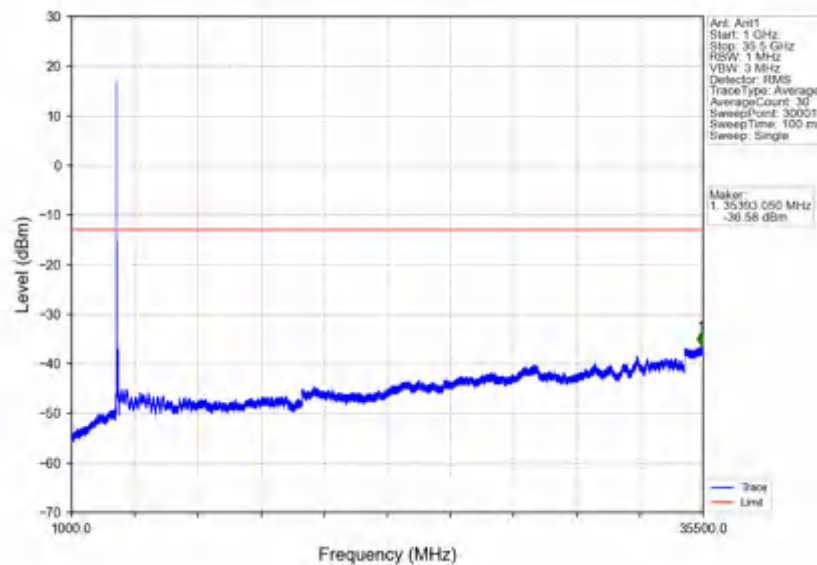


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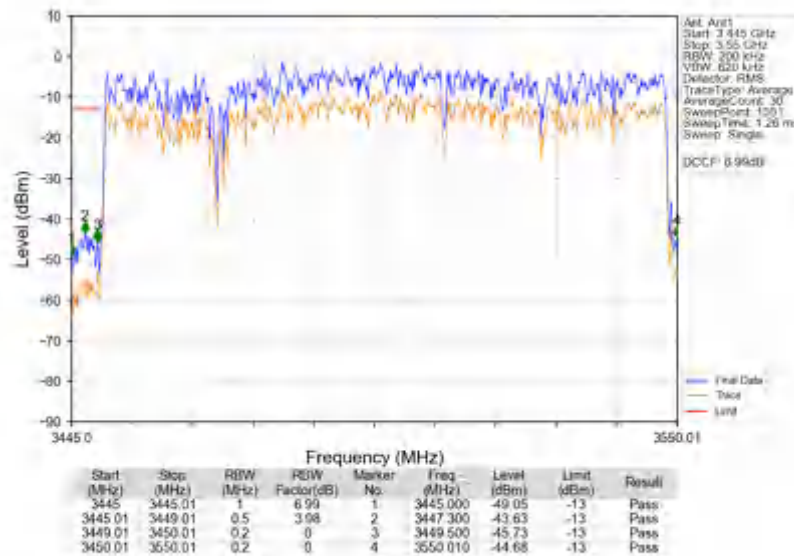
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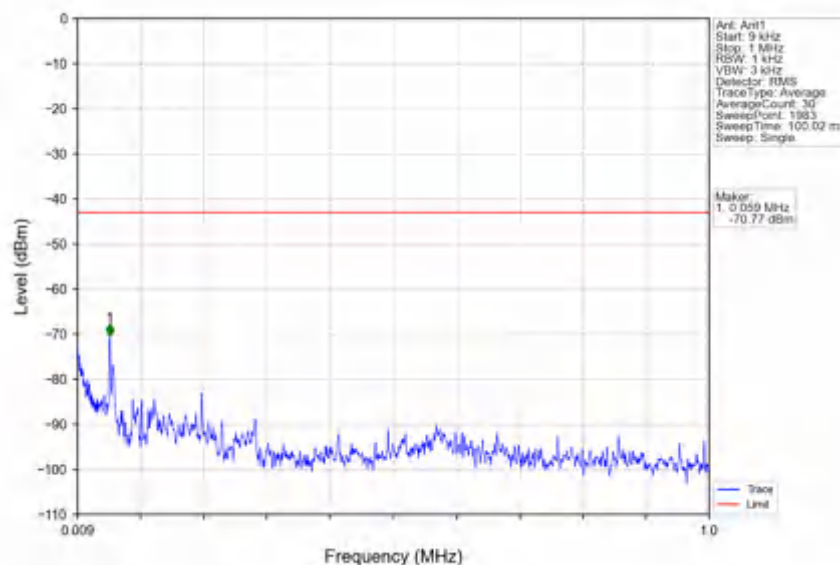


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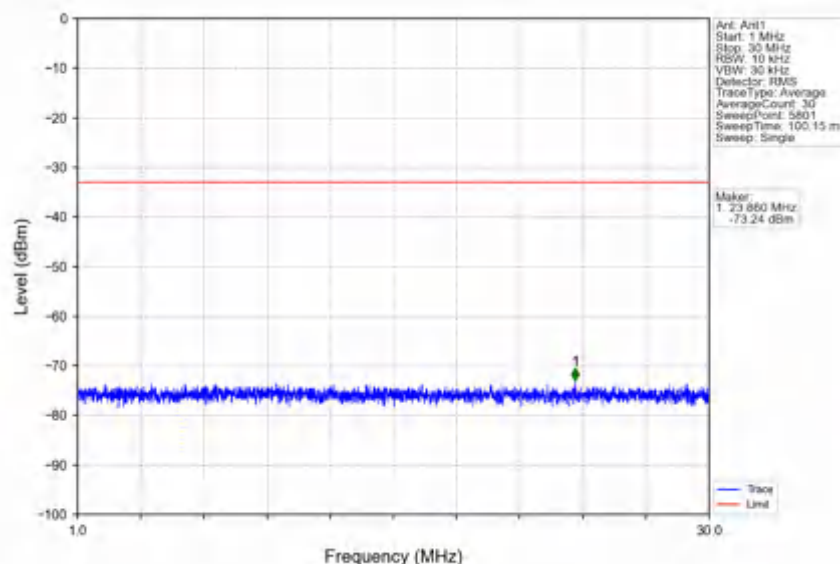
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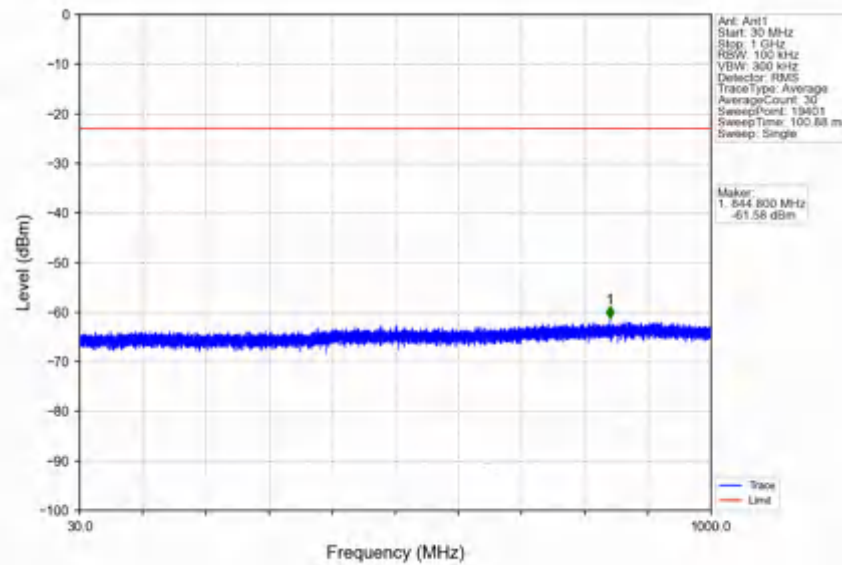
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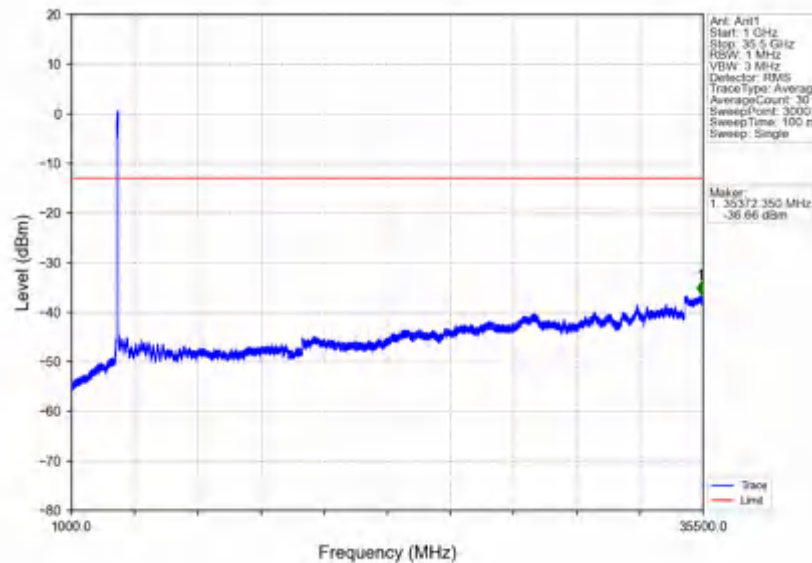
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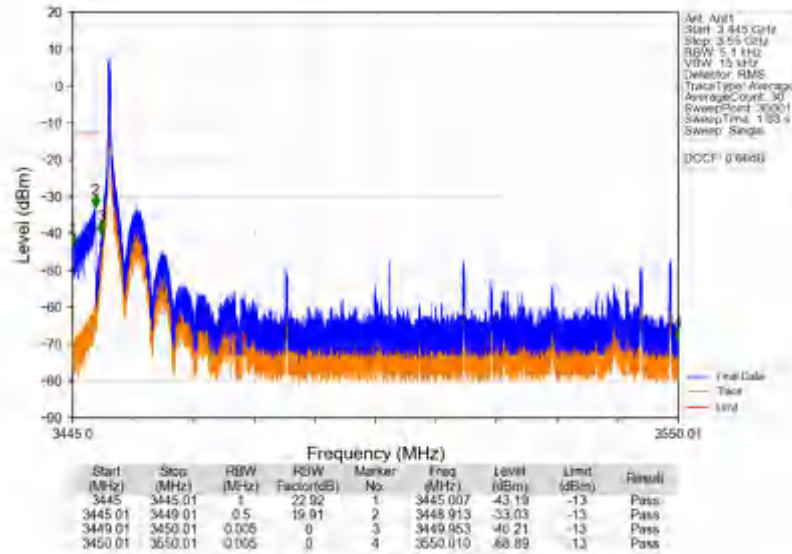


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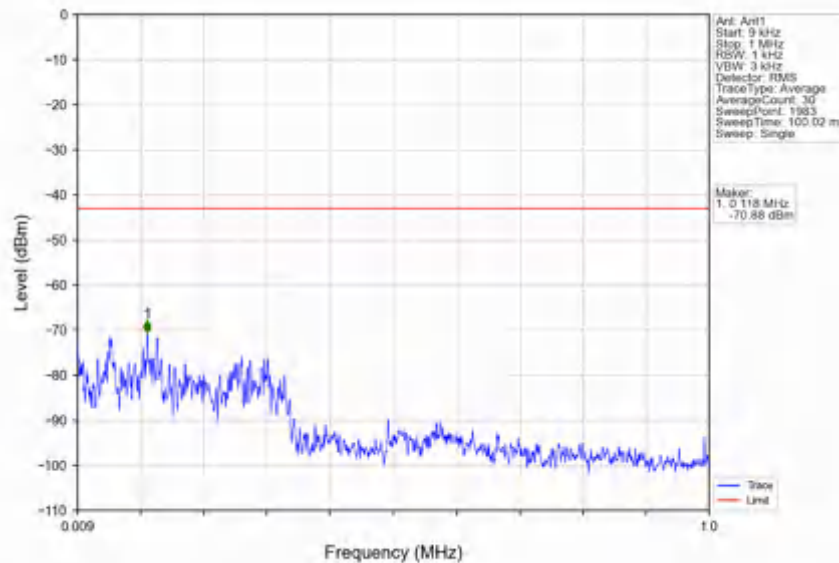
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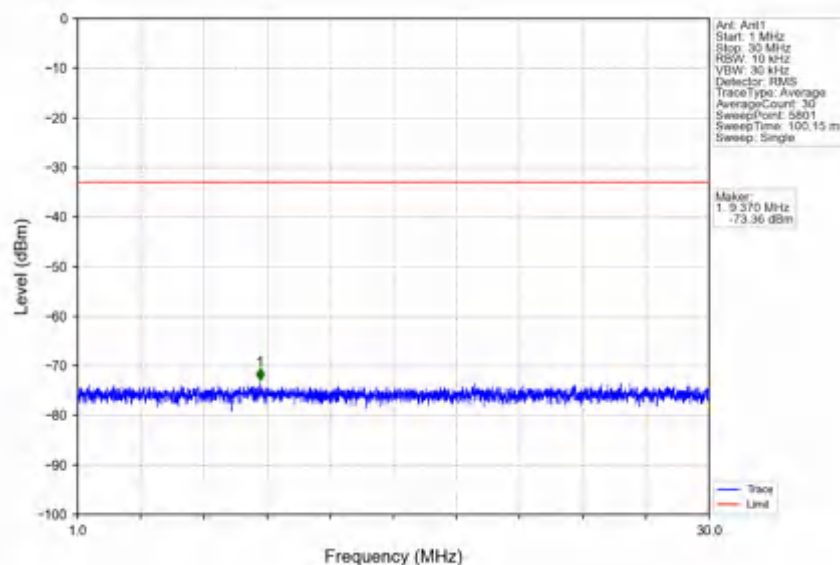


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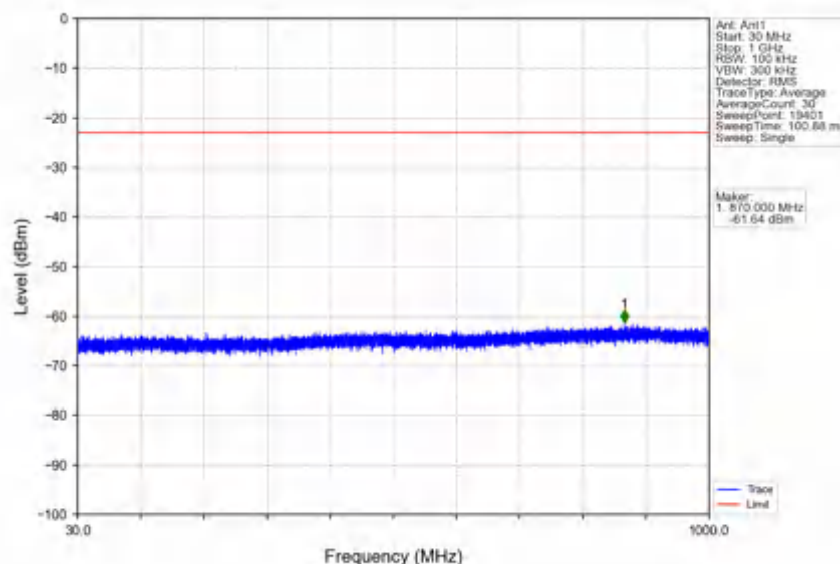
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n78e_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Inner_1RB_Left

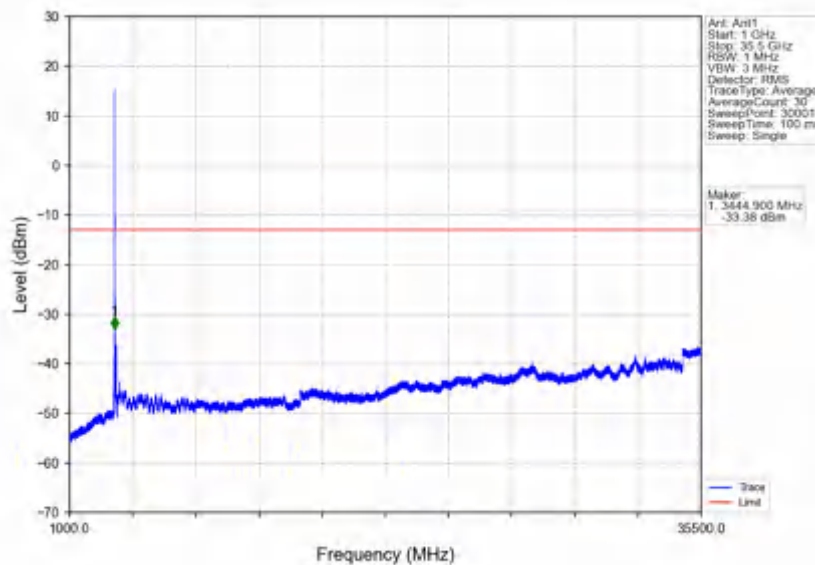


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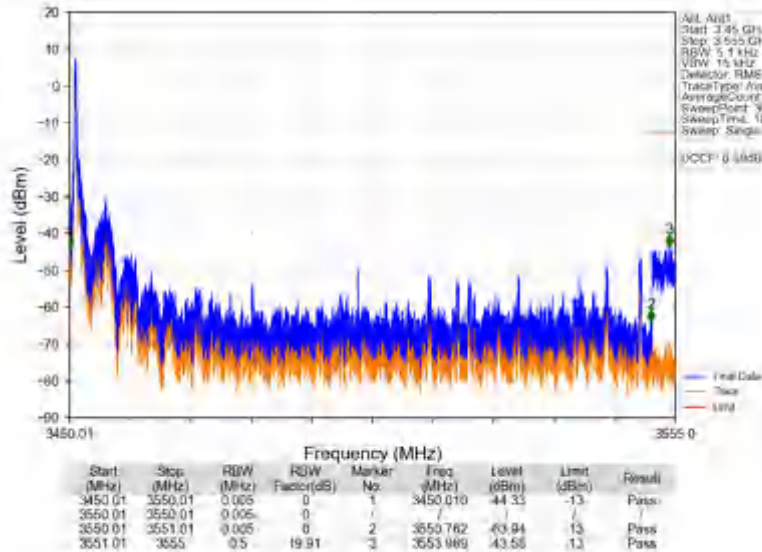
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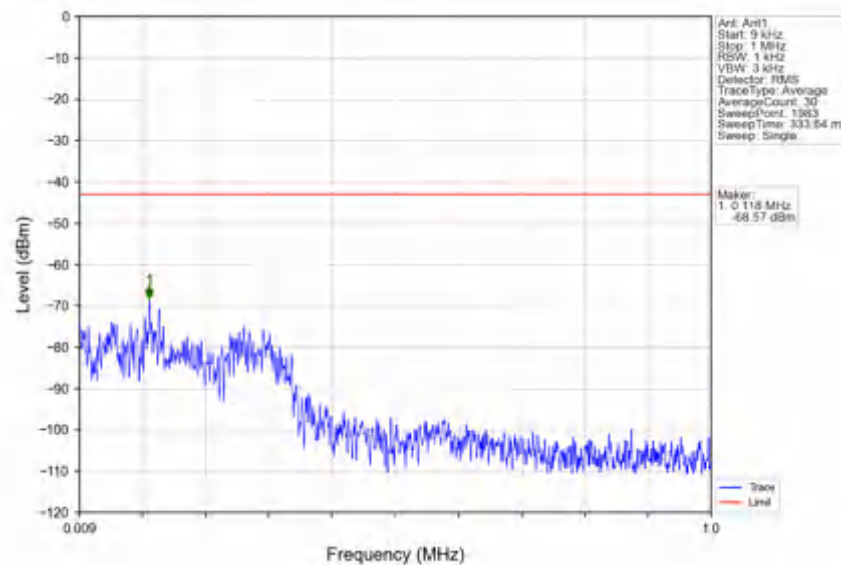


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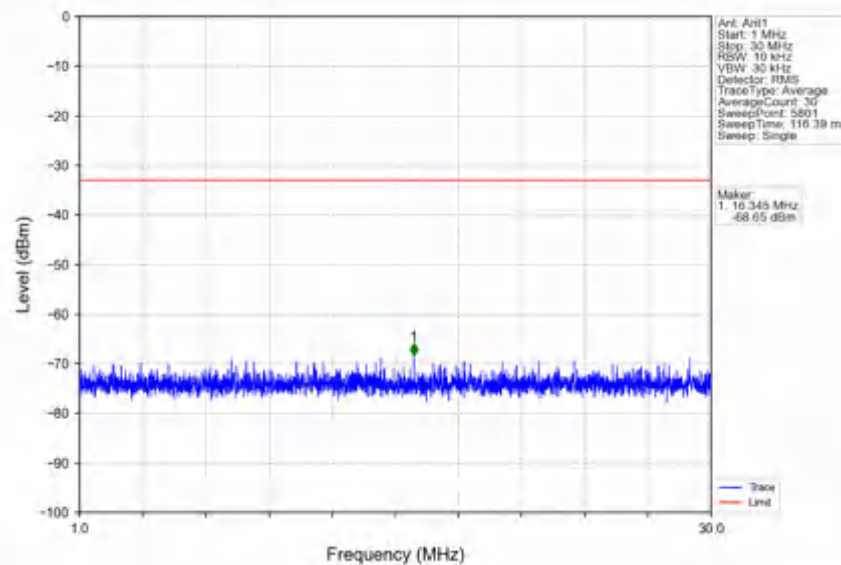
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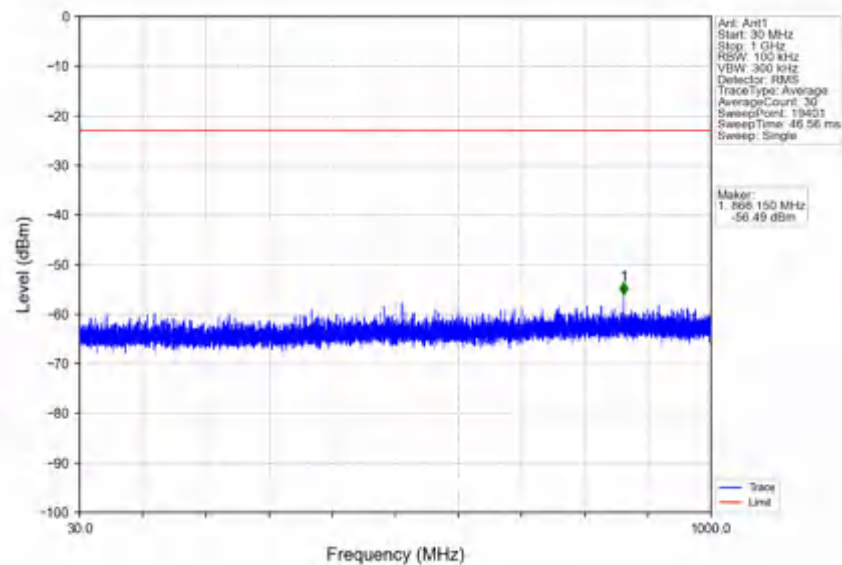


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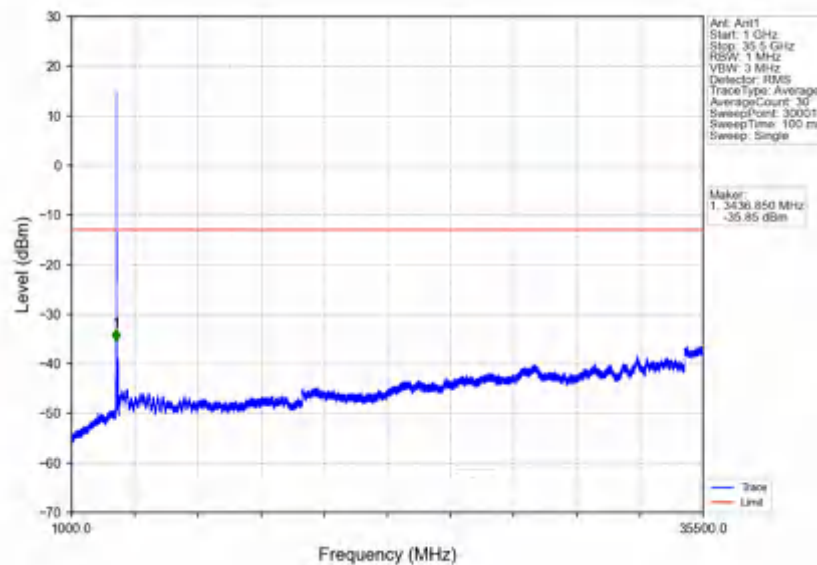
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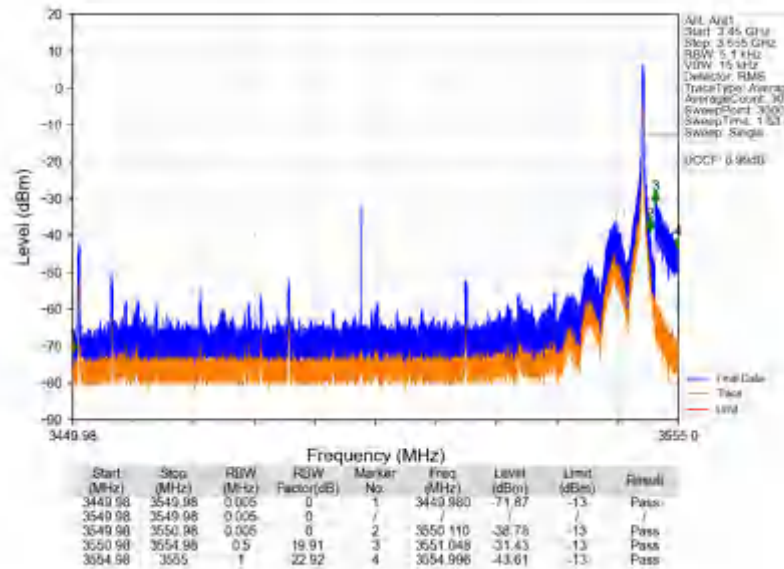


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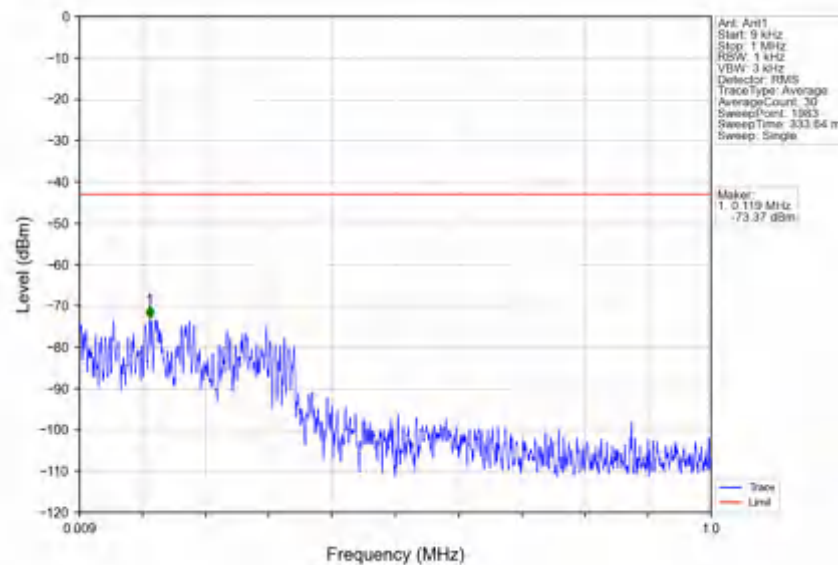
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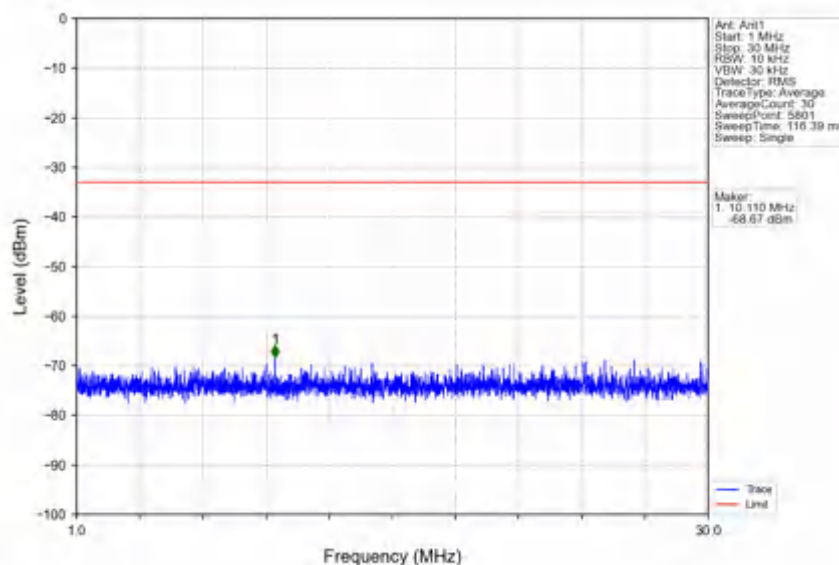


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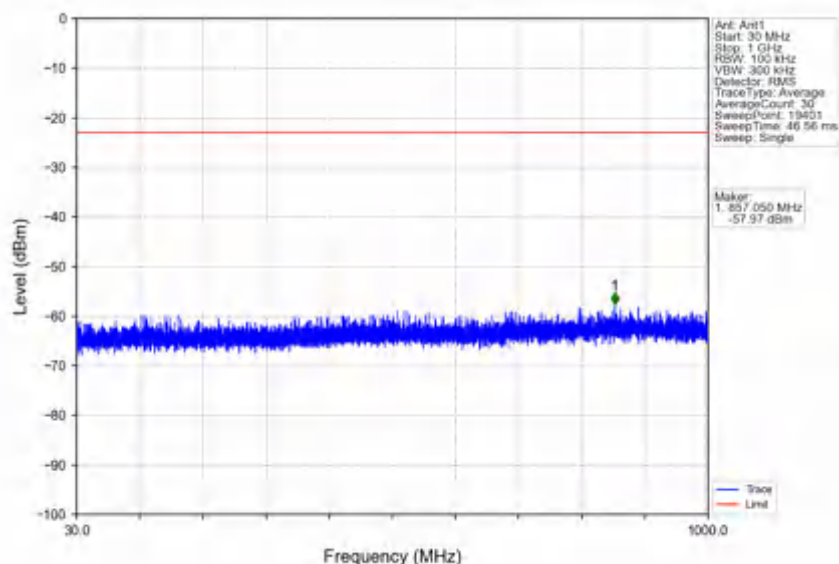
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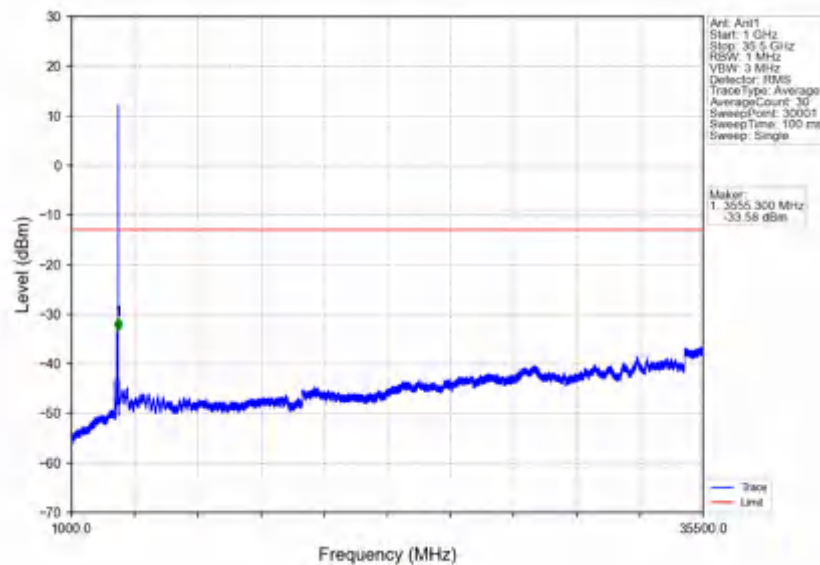


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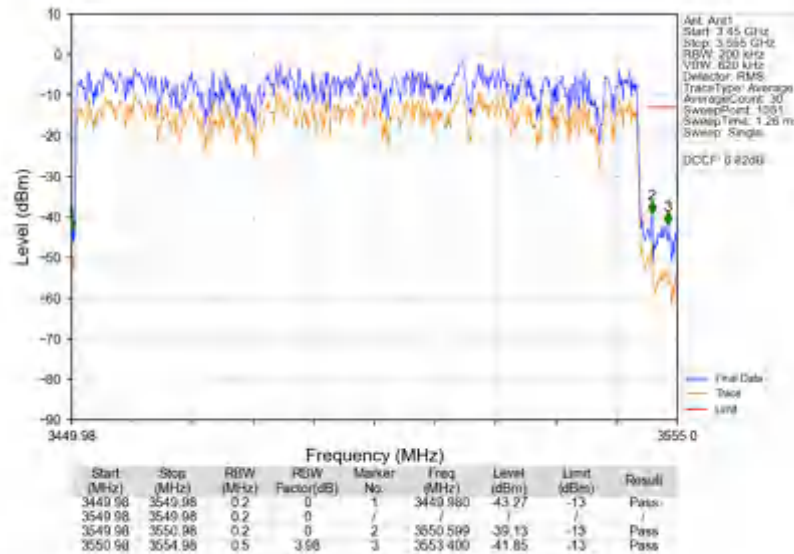
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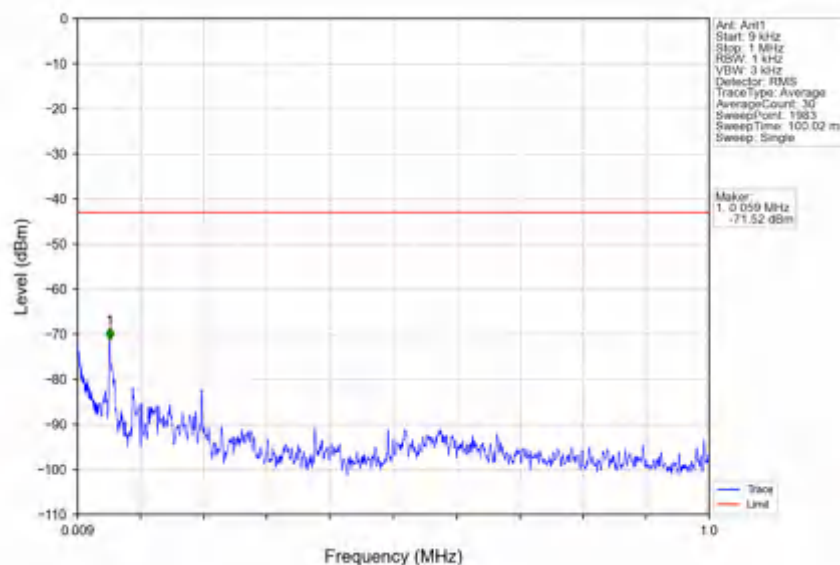


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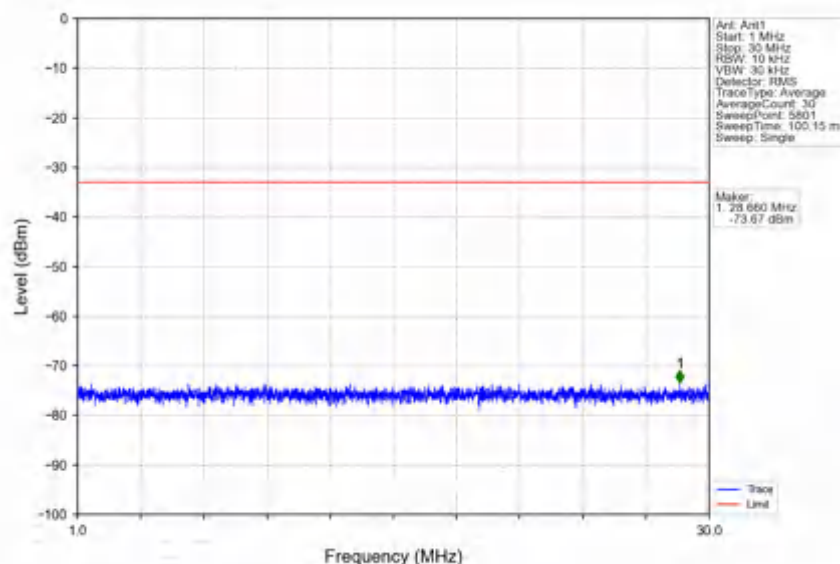
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n78e_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3499.98MHz_Outer_Full



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

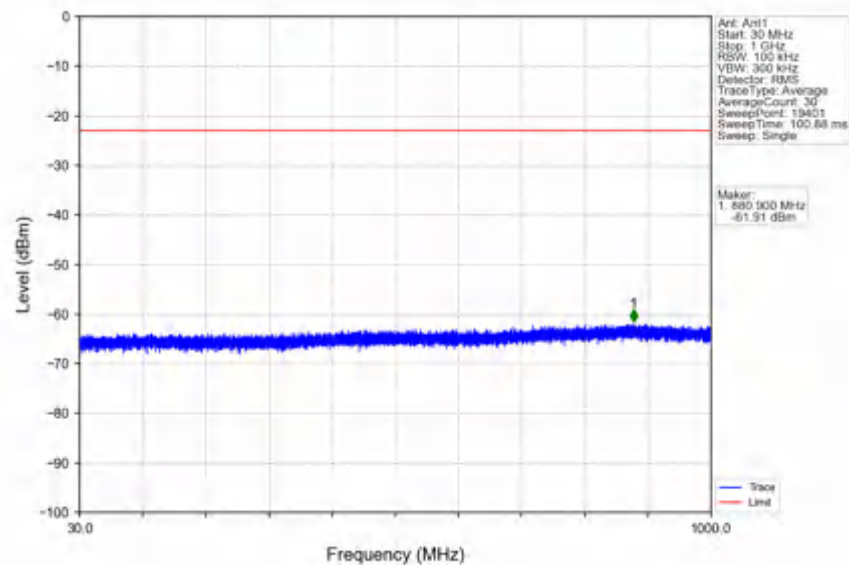


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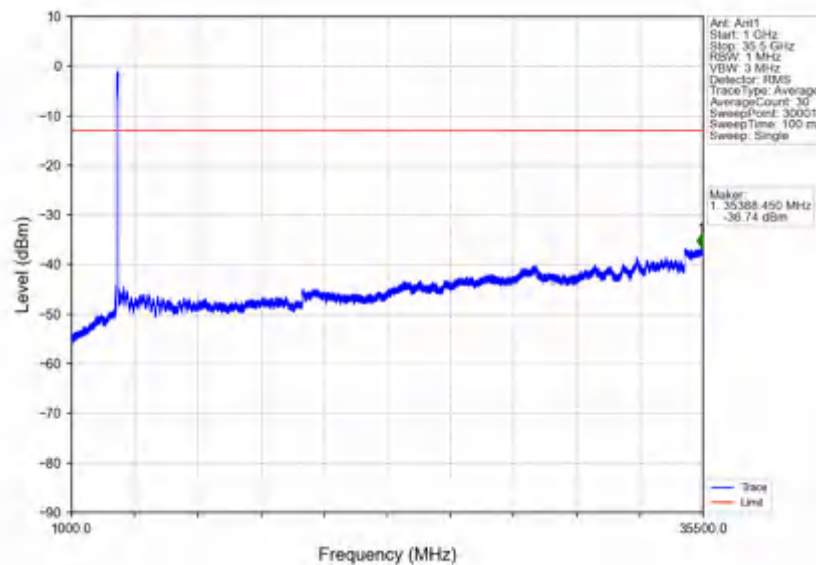
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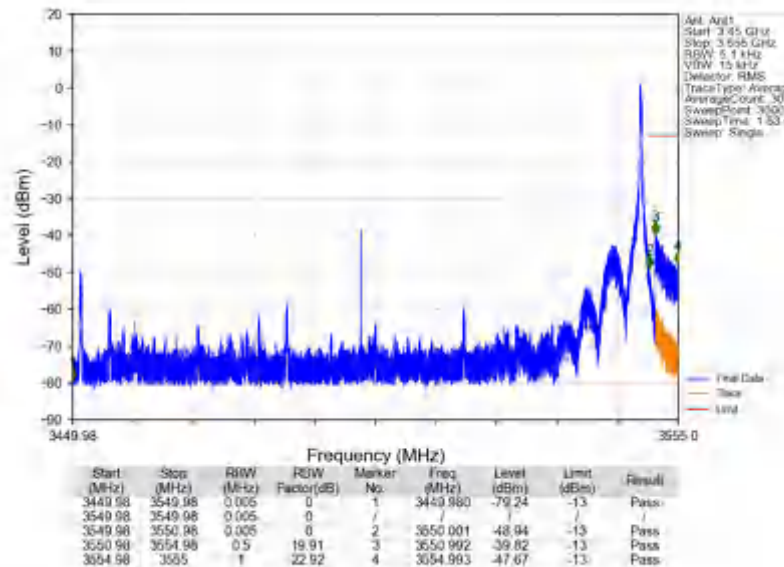


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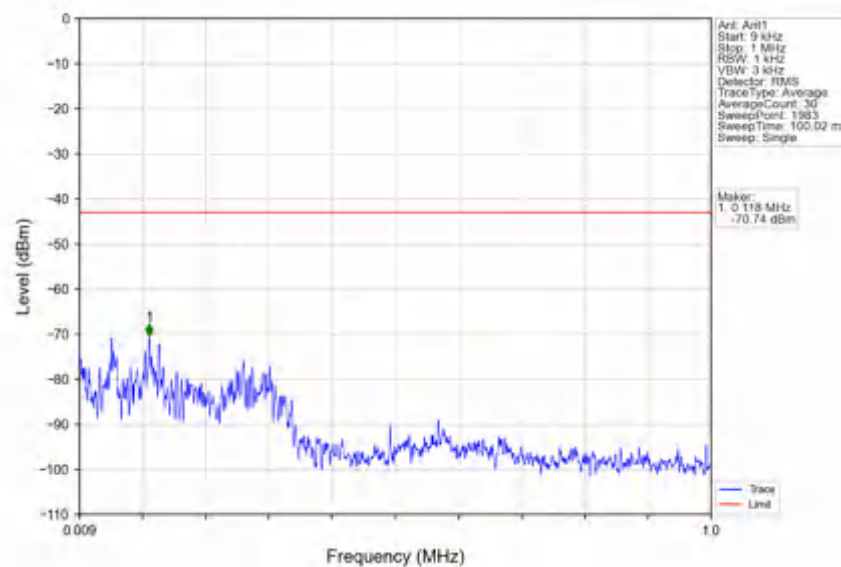
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n78e_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_3499.98MHz_Inner_1RB_Right



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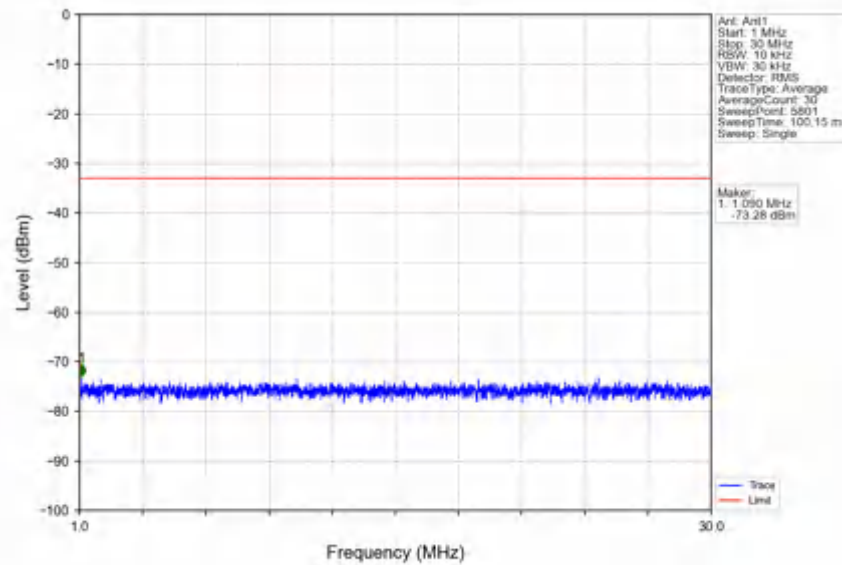


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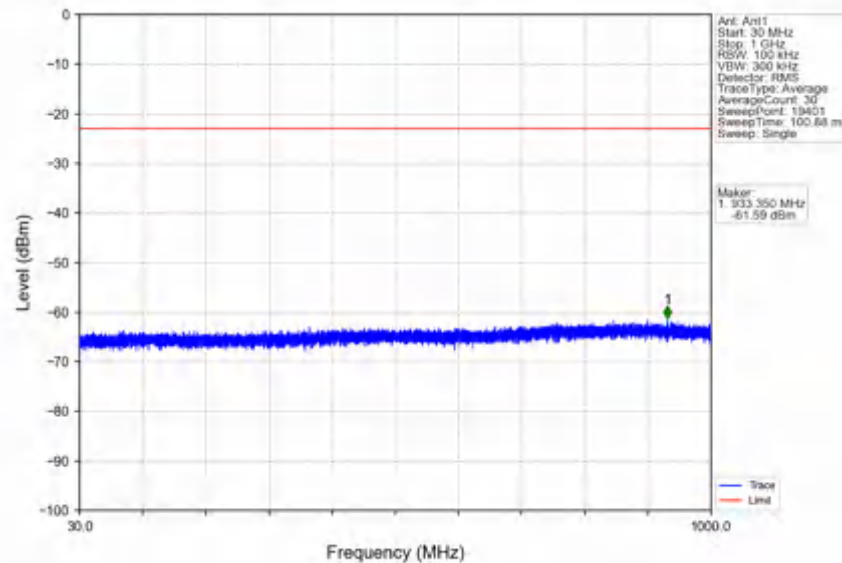
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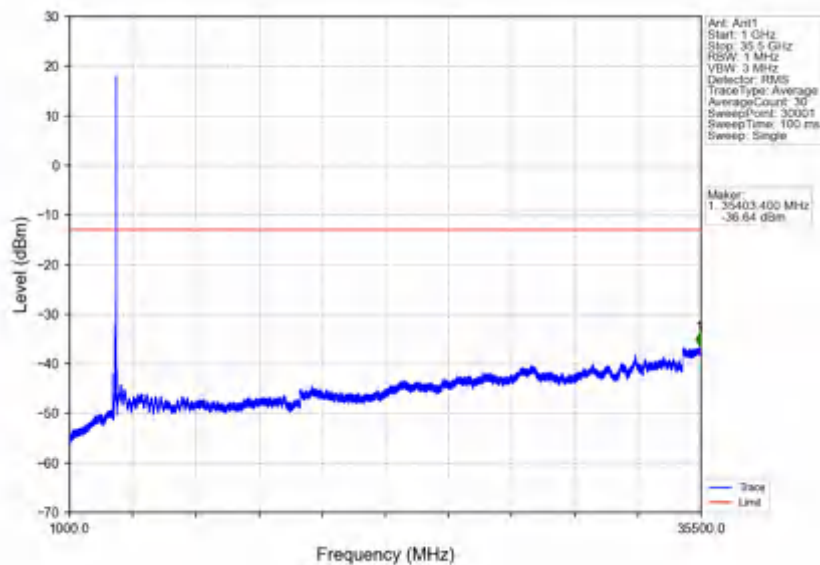


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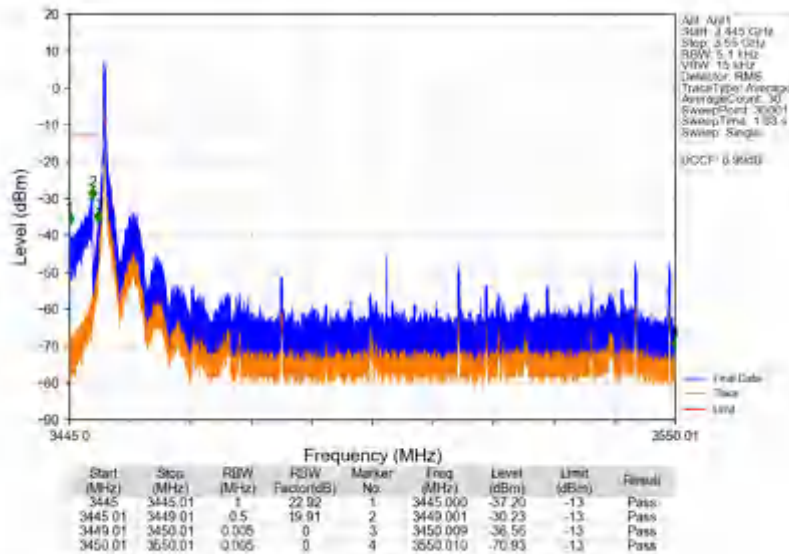
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n78e_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3500.01MHz_Edge_1RB_Left

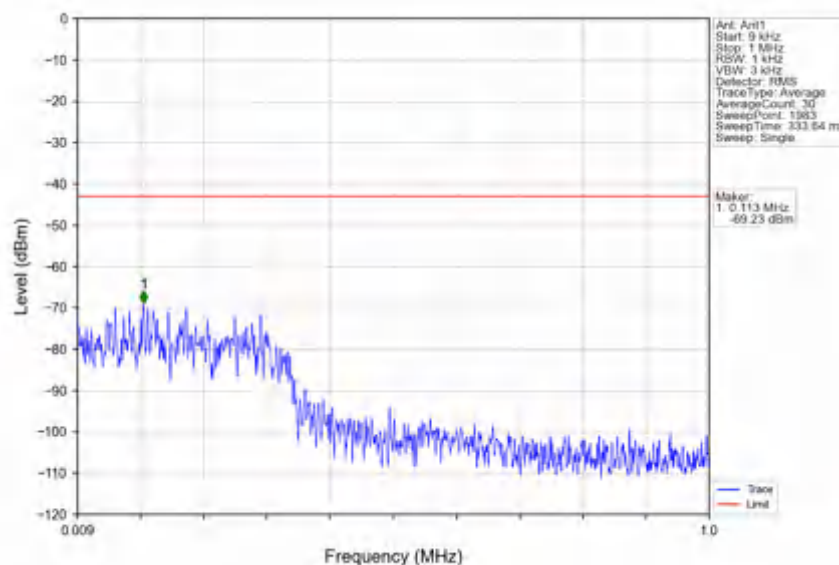


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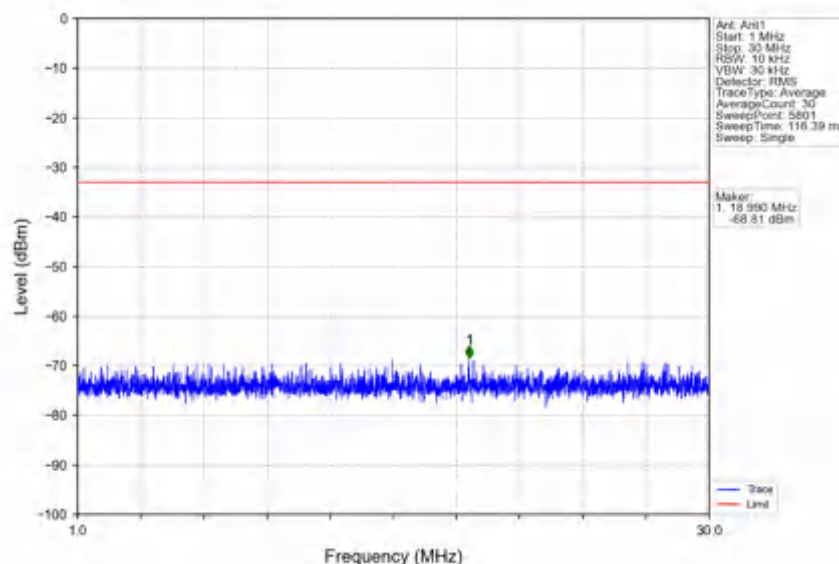
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n78e_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3500.01MHz_Edge_1RB_Left



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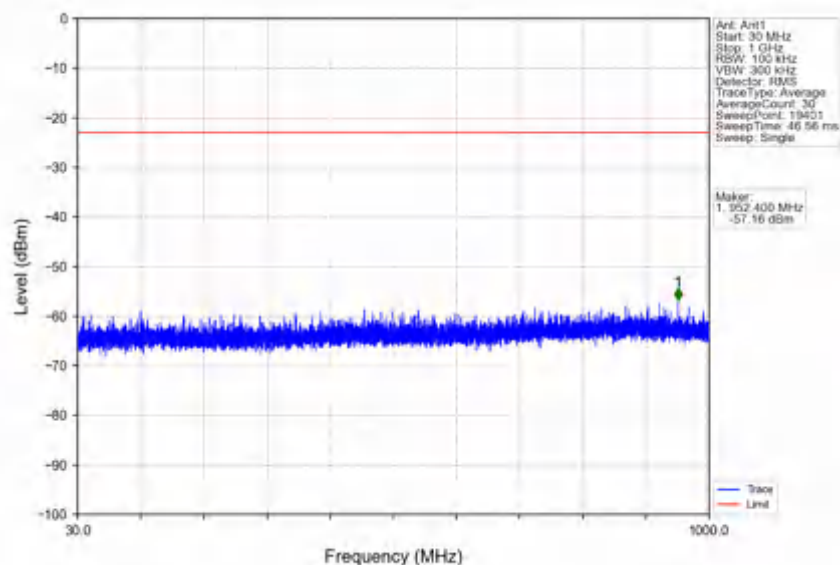


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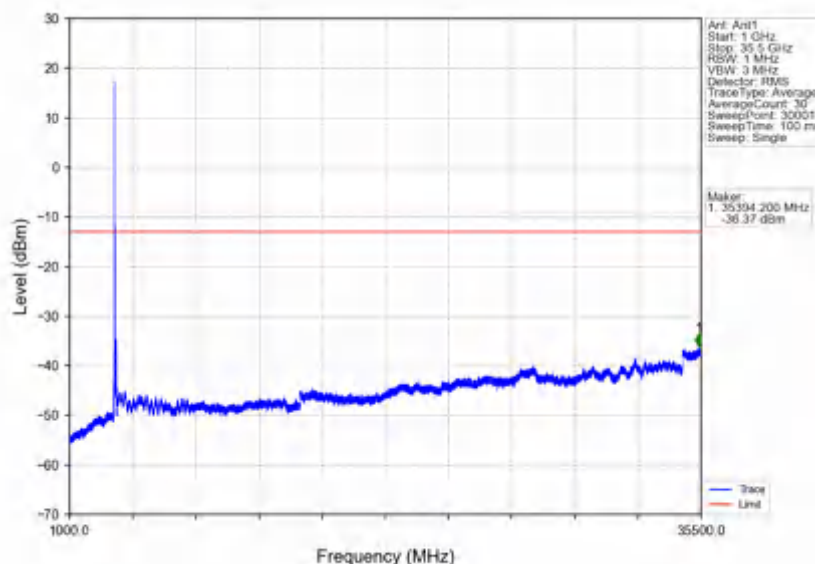
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n78e_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3500.01MHz_Edge_1RB_Left



n78e_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3500.01MHz_Edge_1RB_Left

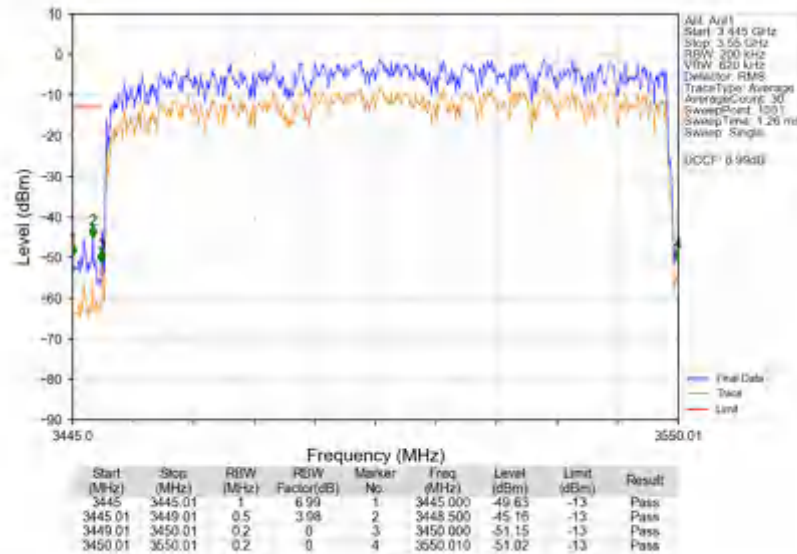


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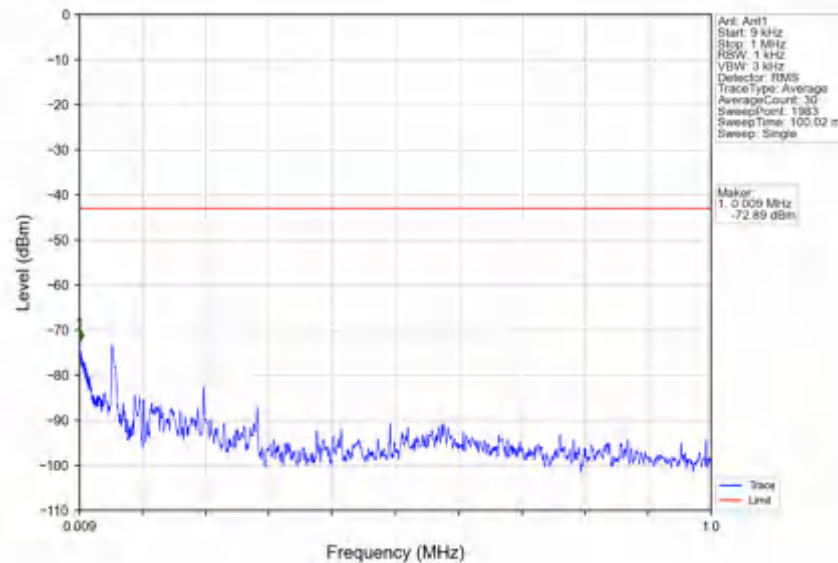
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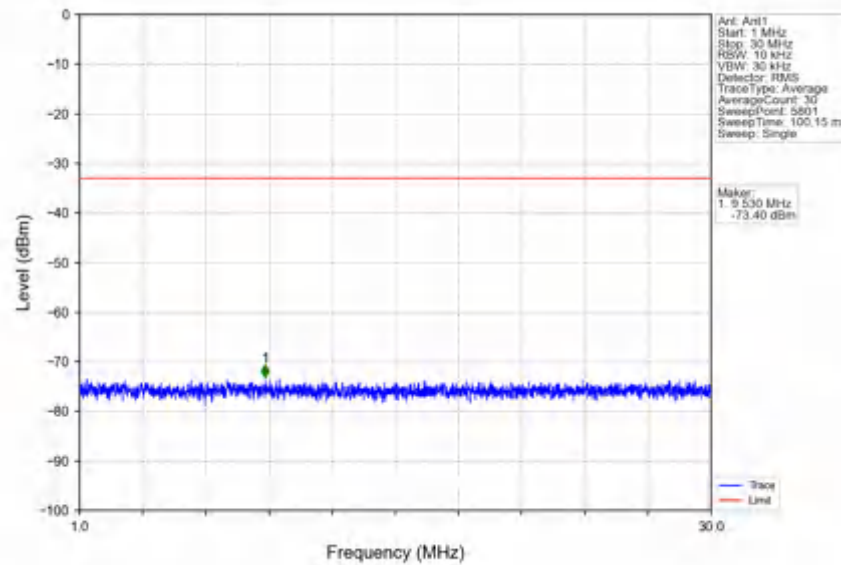


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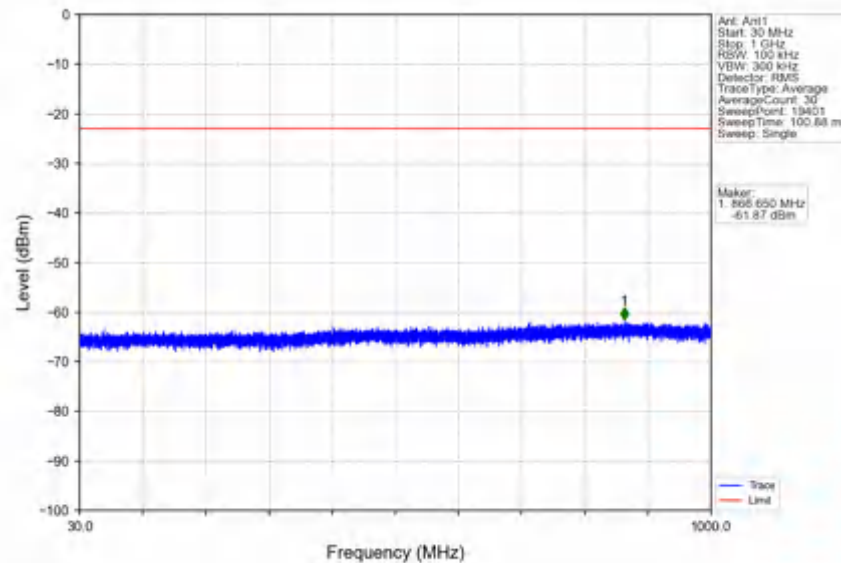
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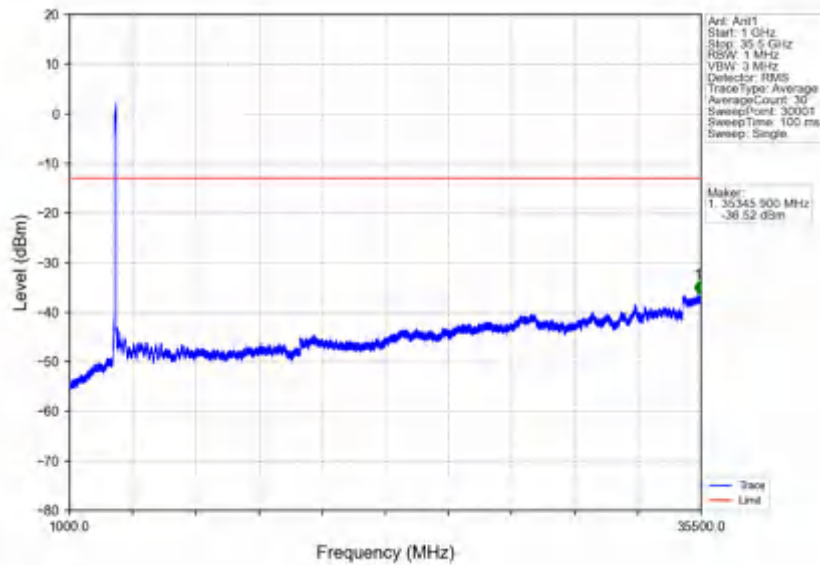


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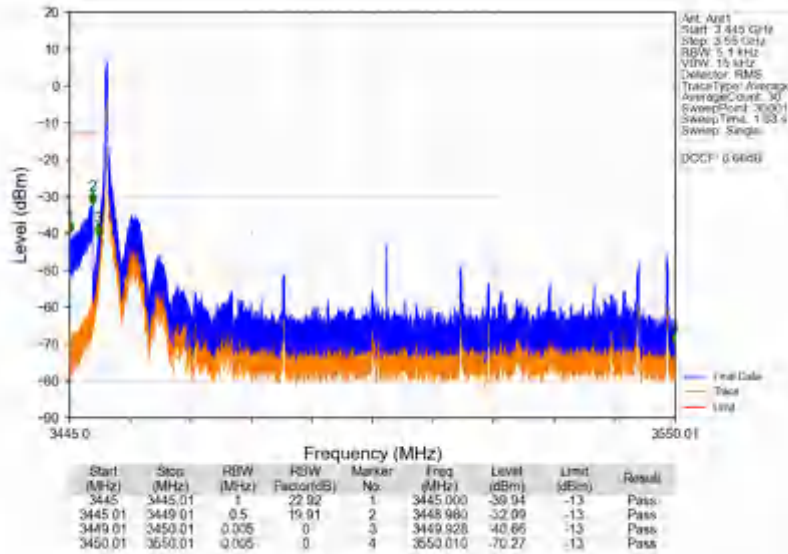
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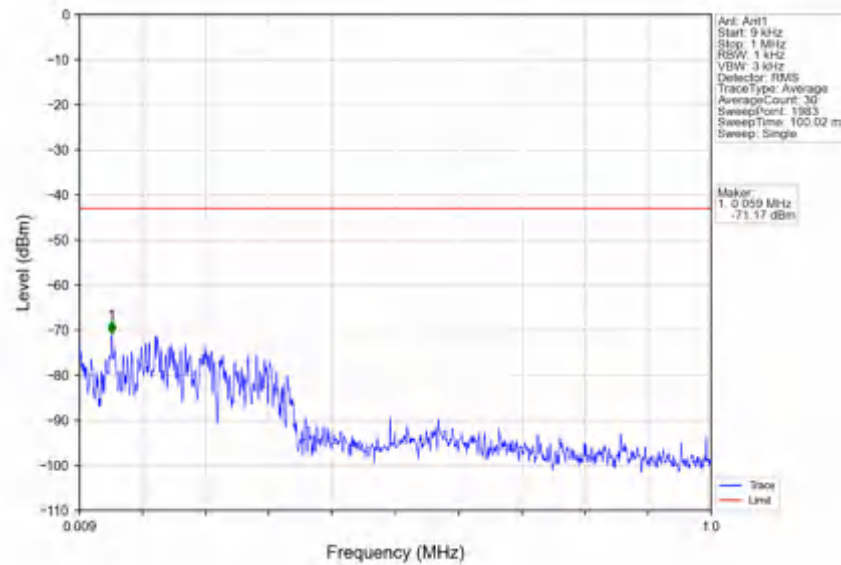


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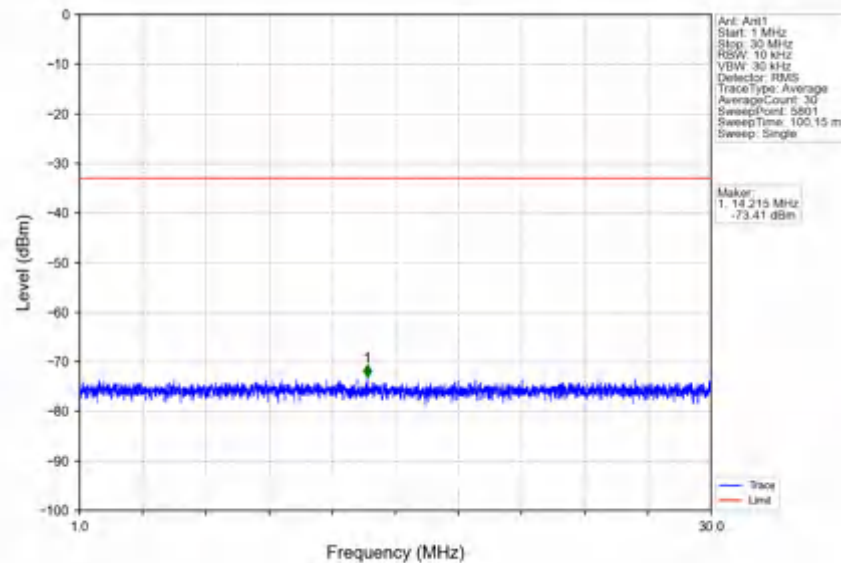
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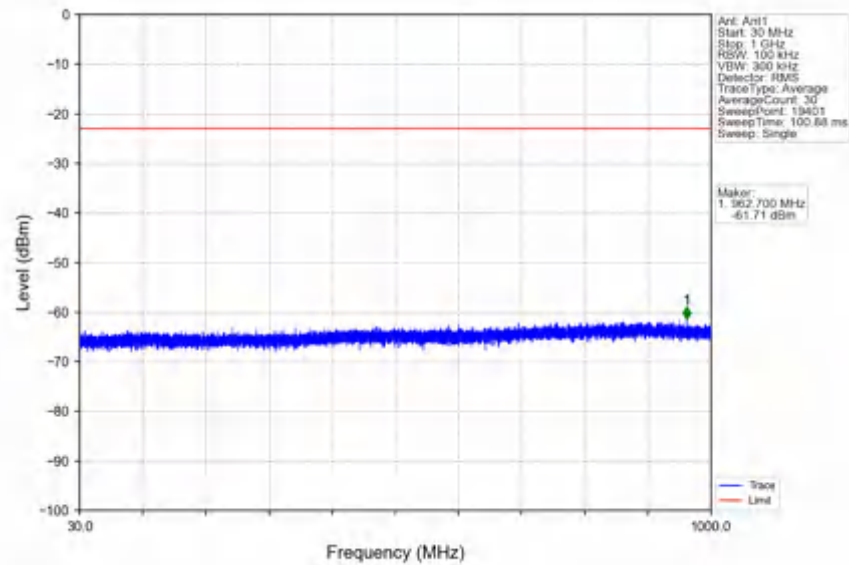


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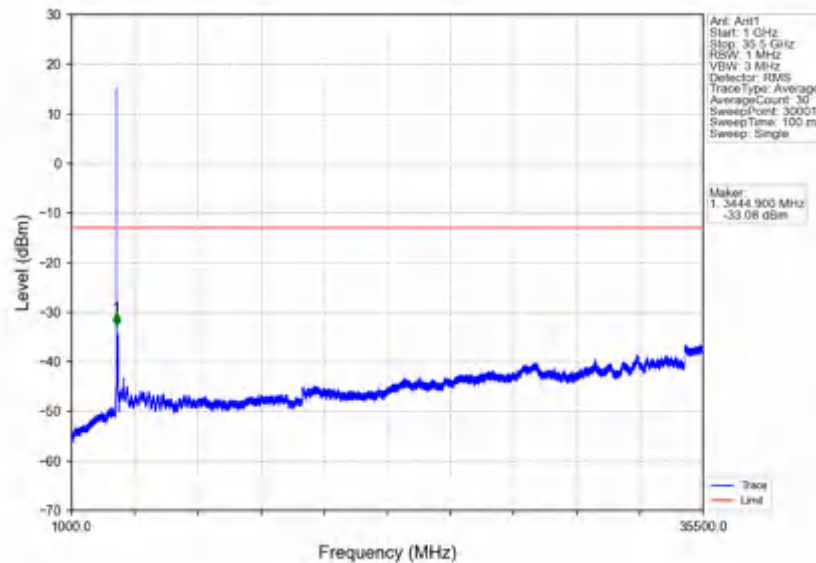
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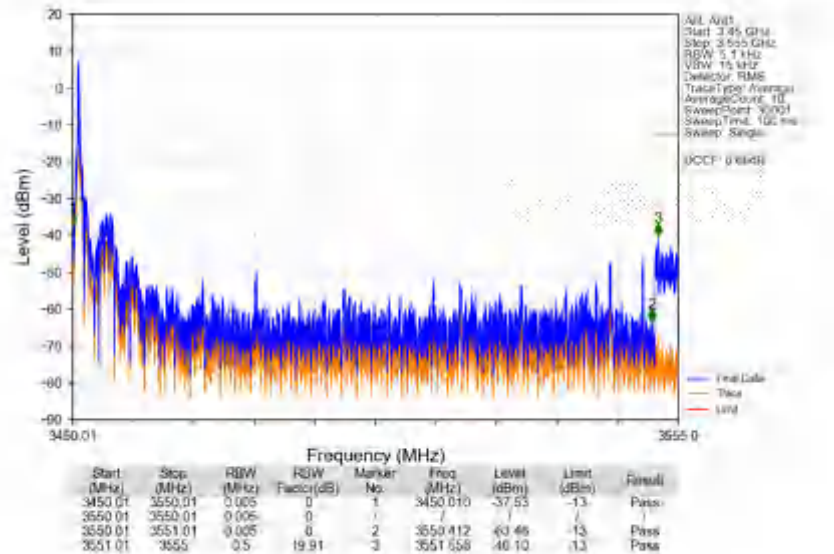


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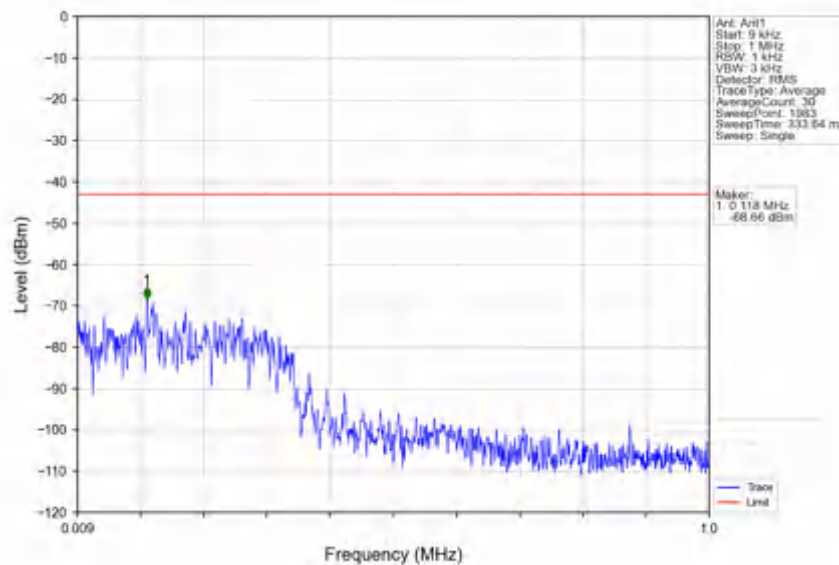
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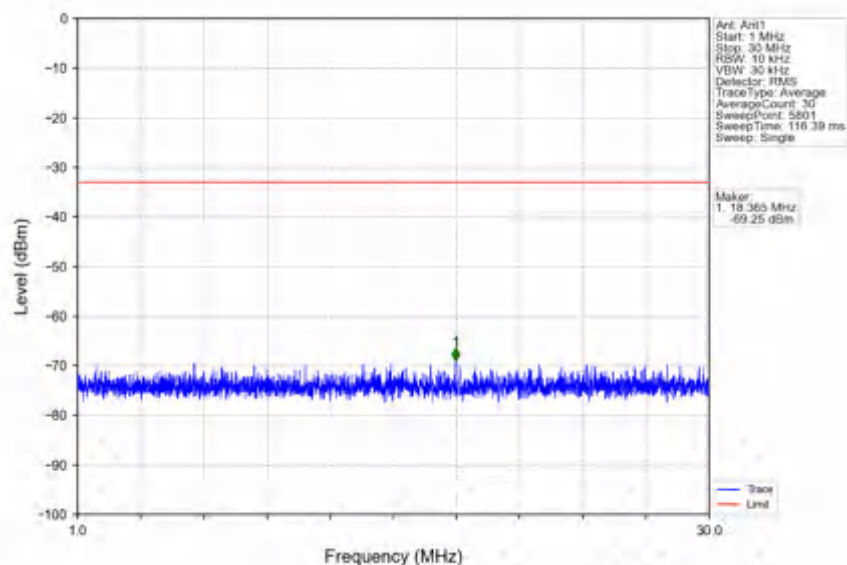


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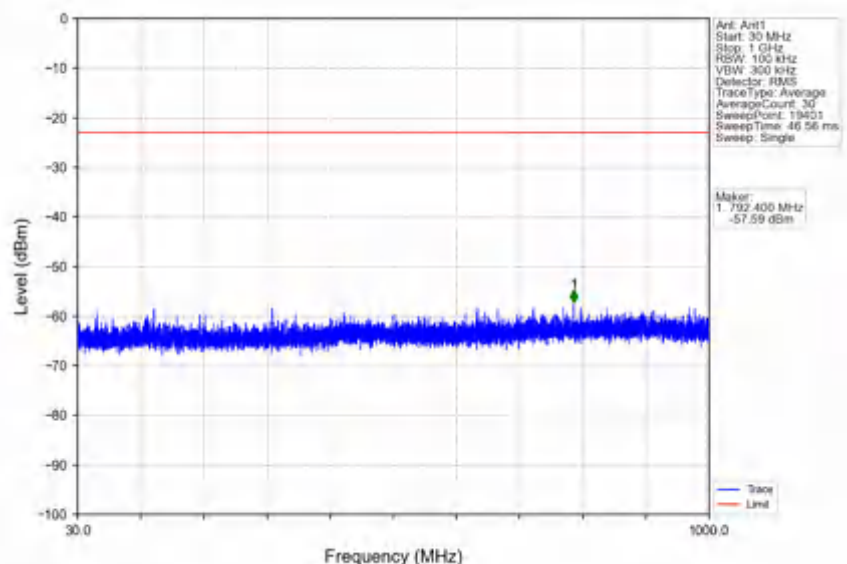
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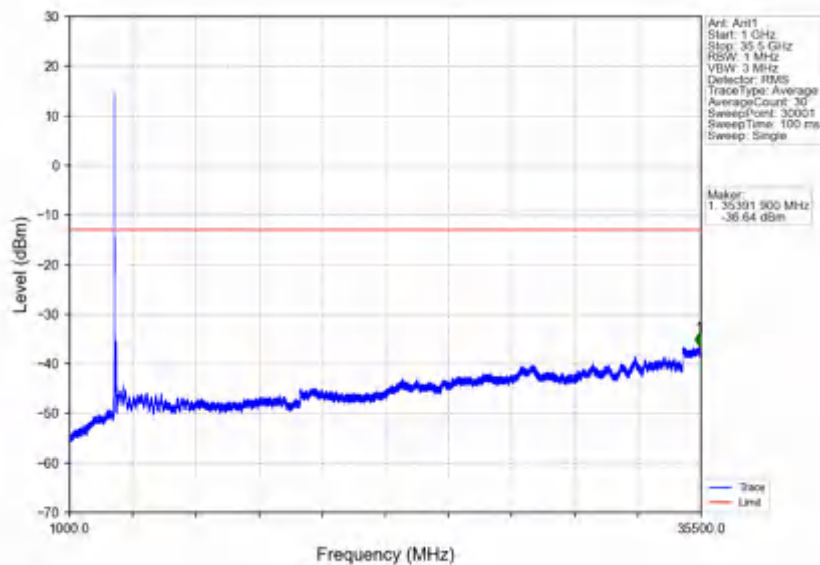


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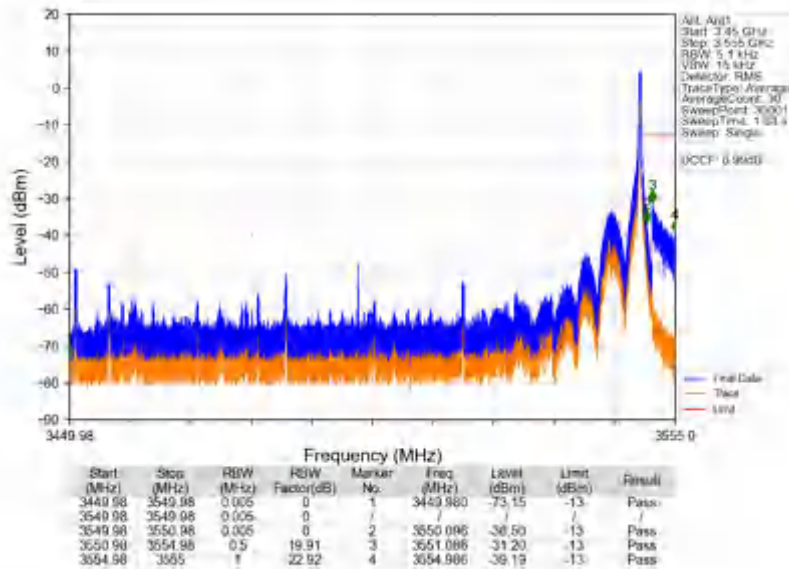
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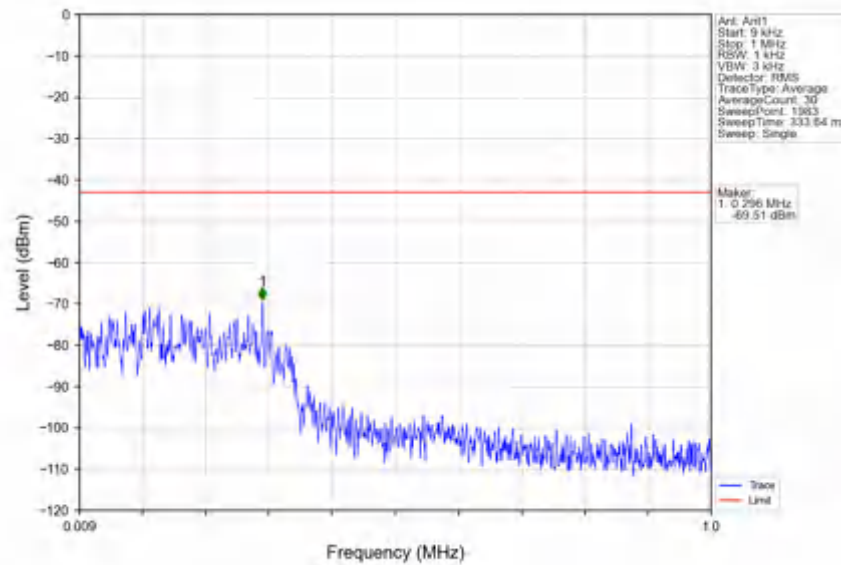


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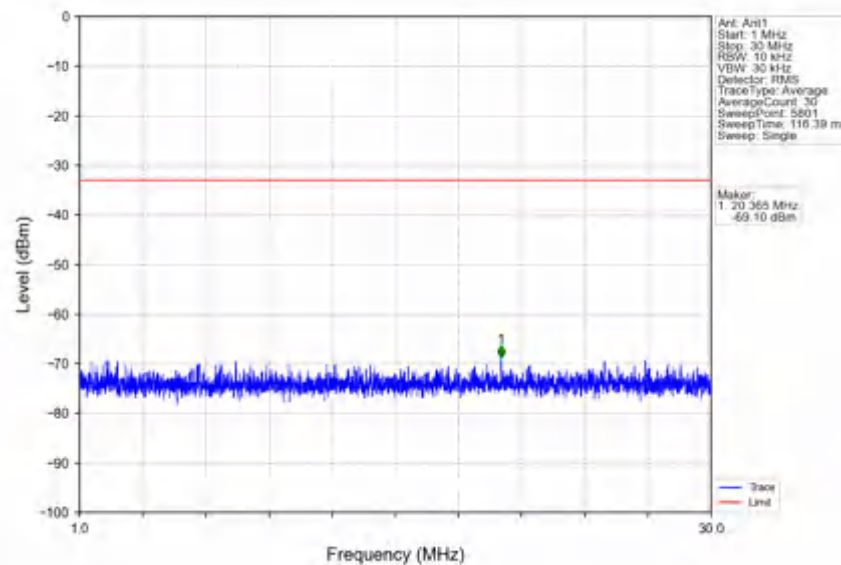
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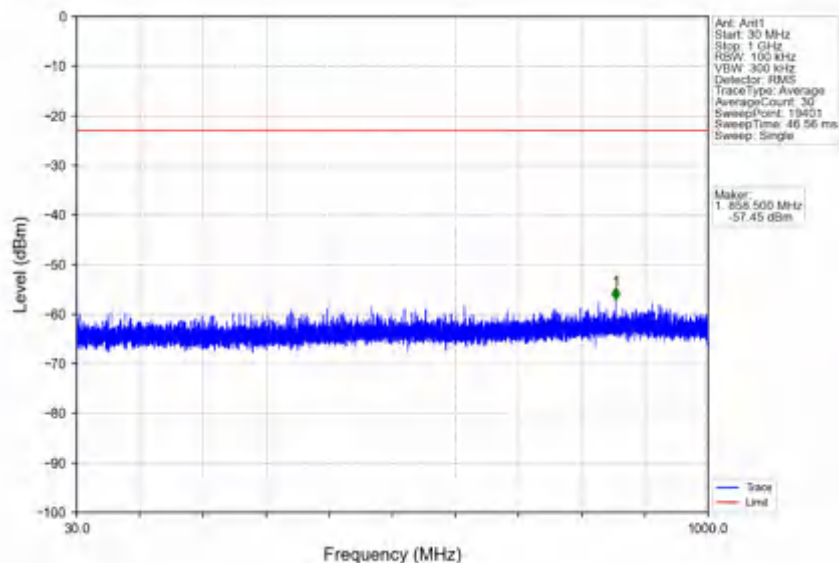


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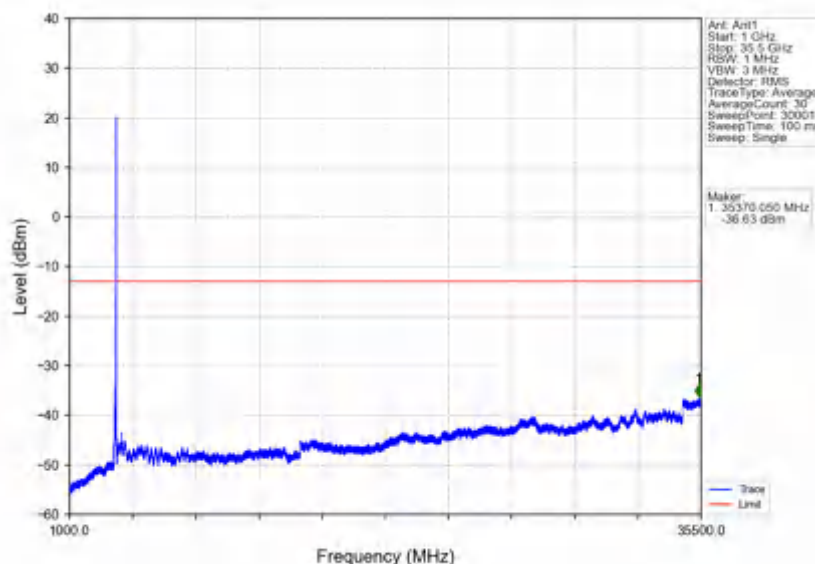
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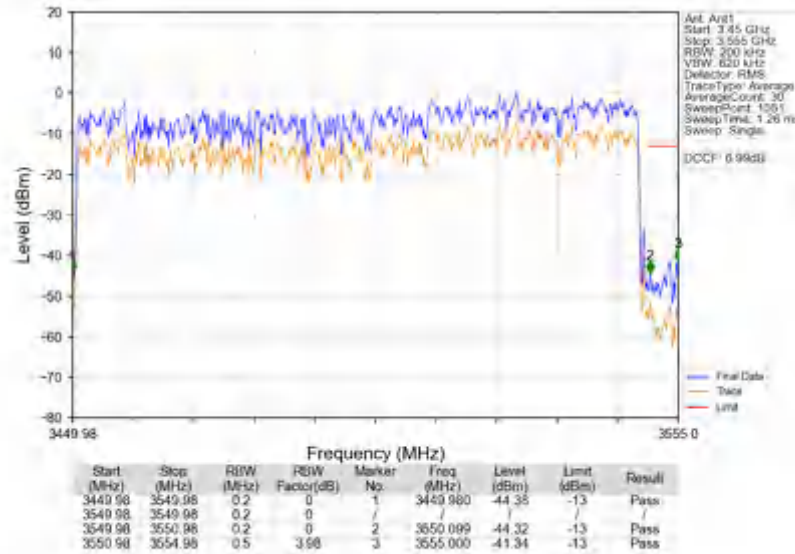


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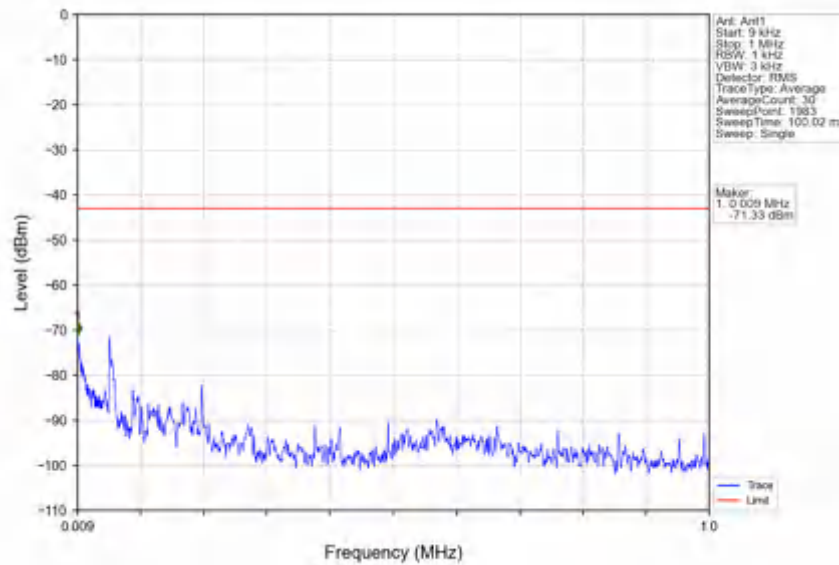
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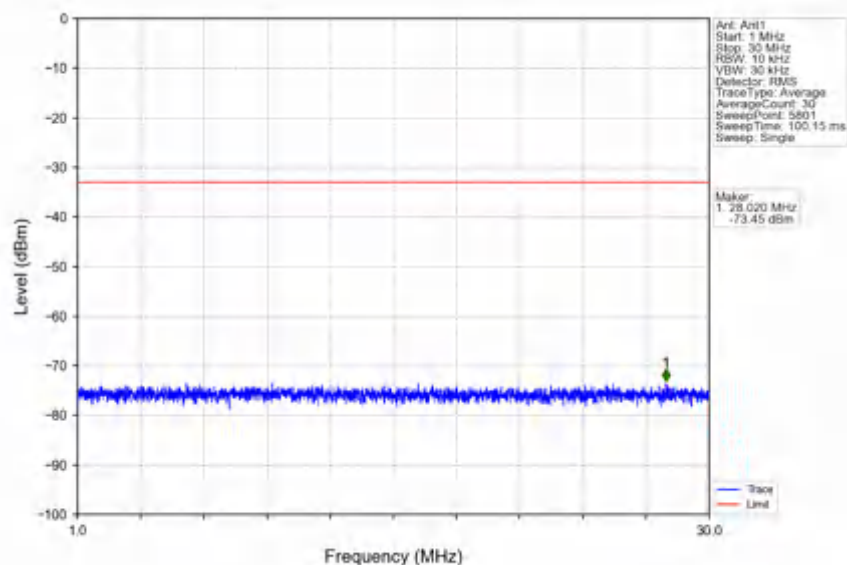


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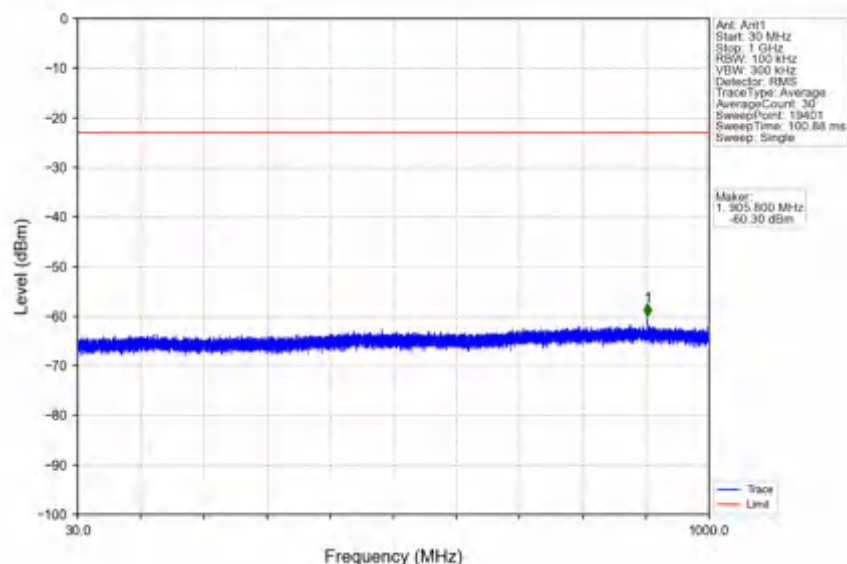
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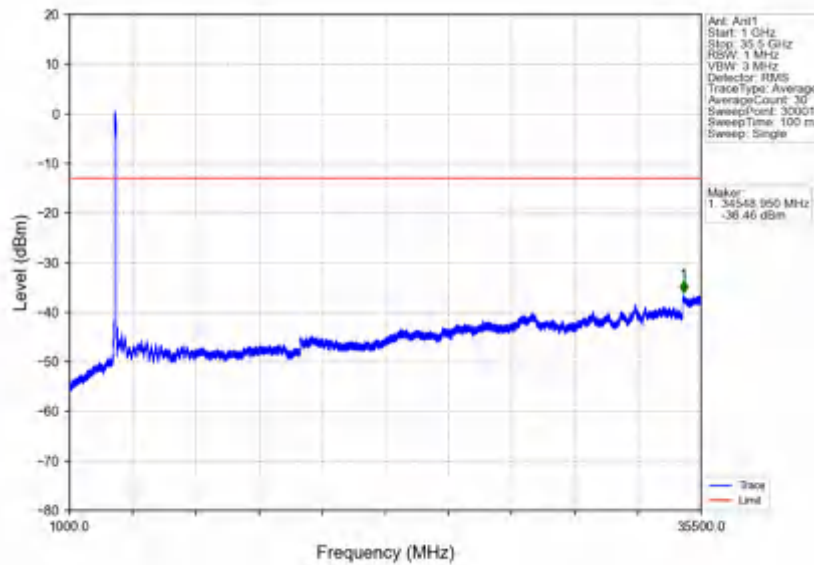


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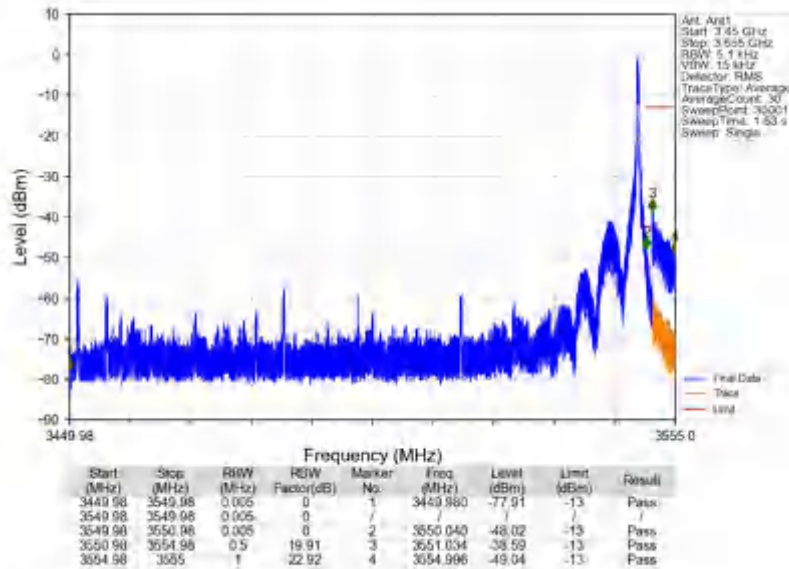
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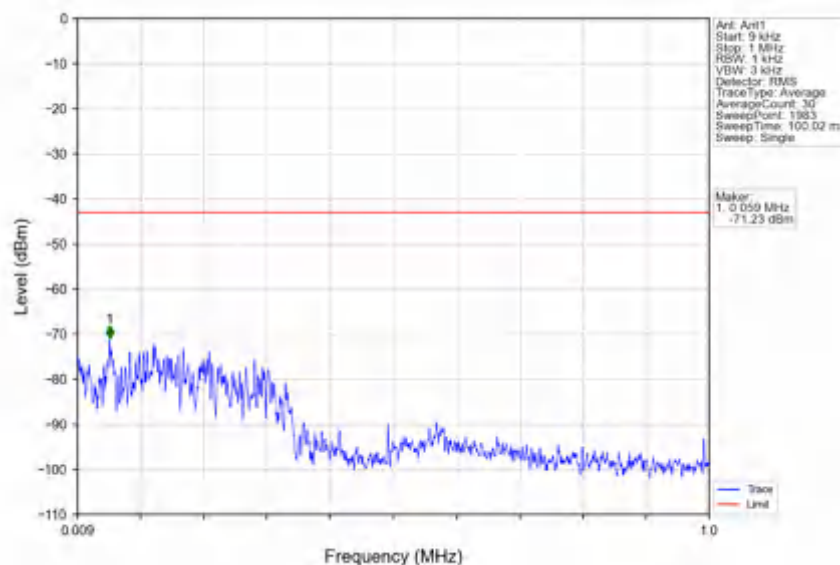


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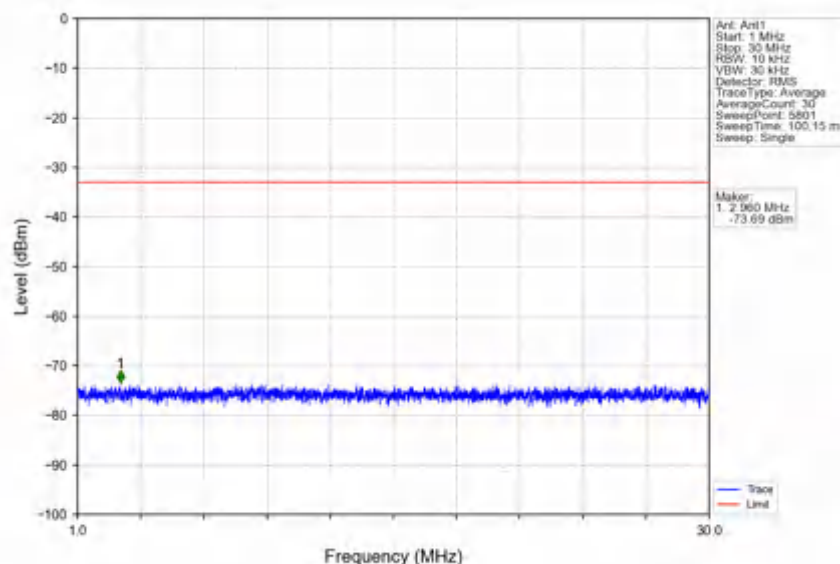
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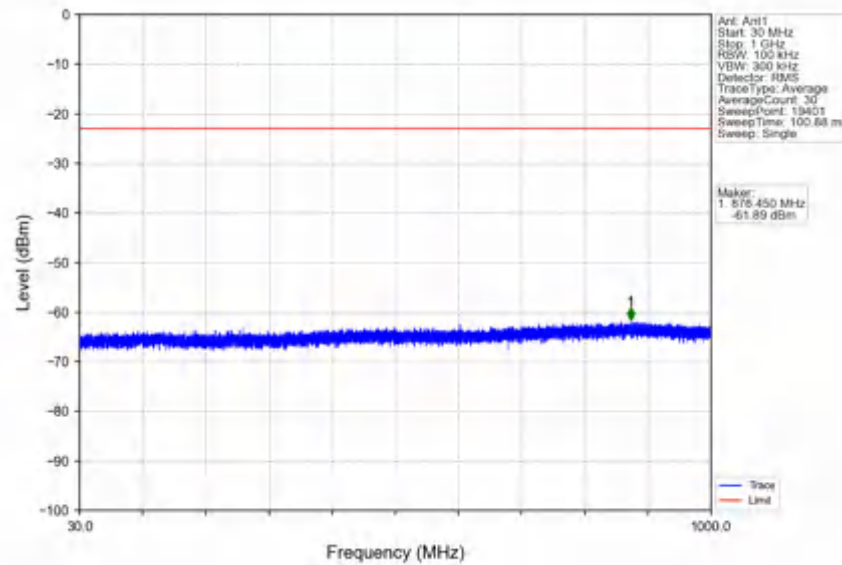
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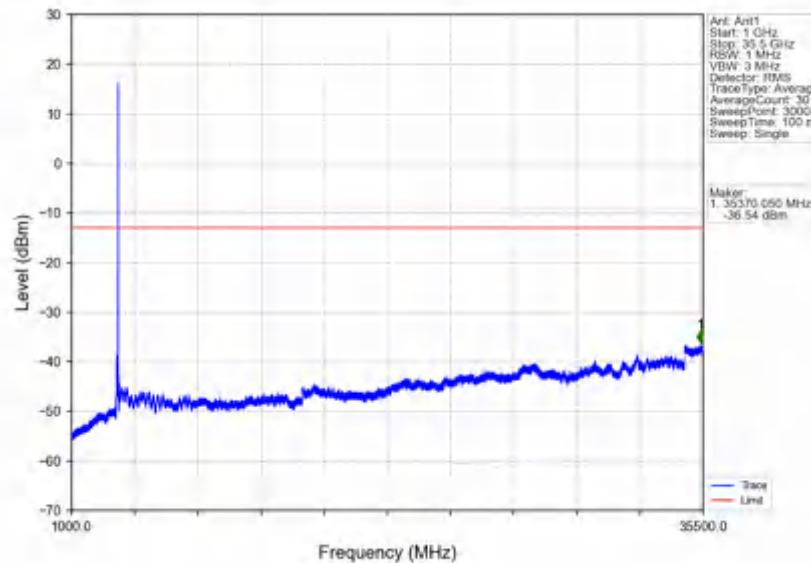
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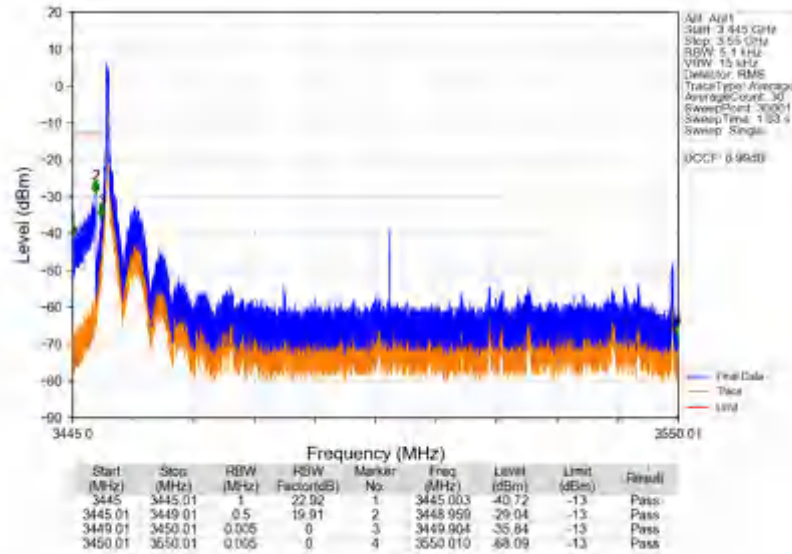


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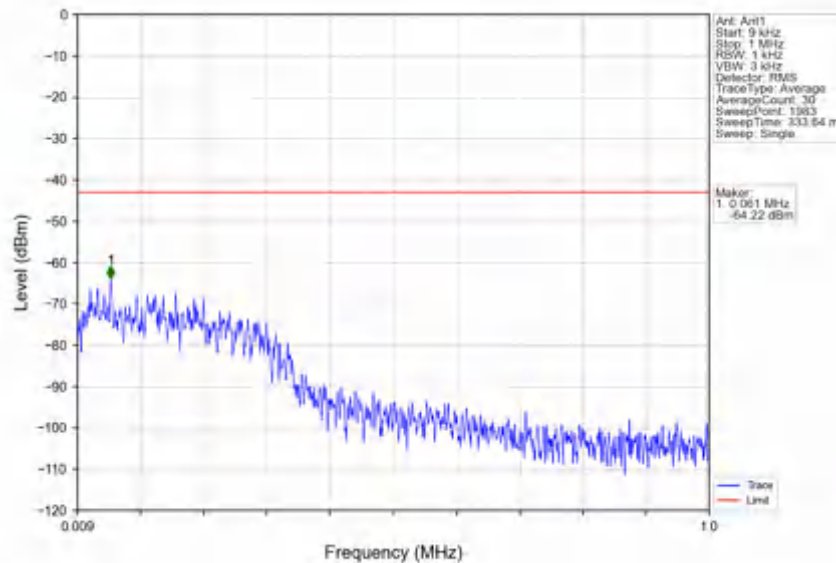
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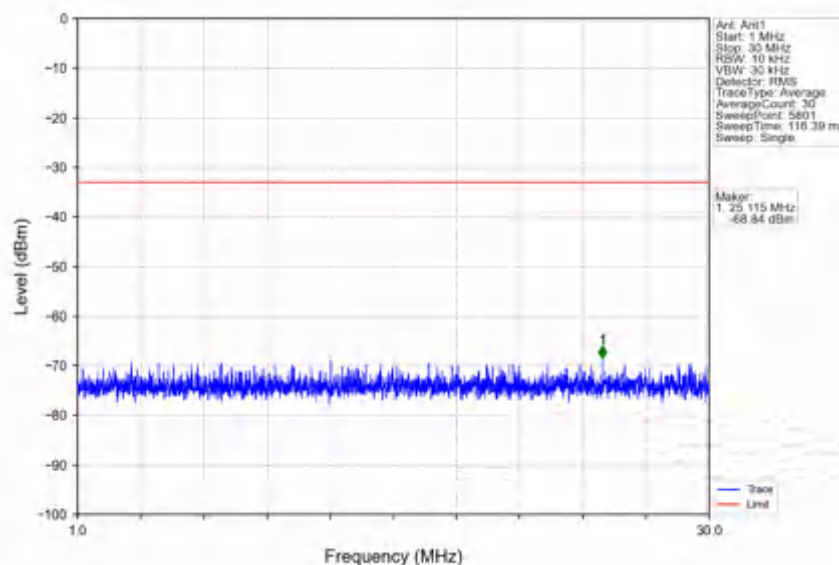
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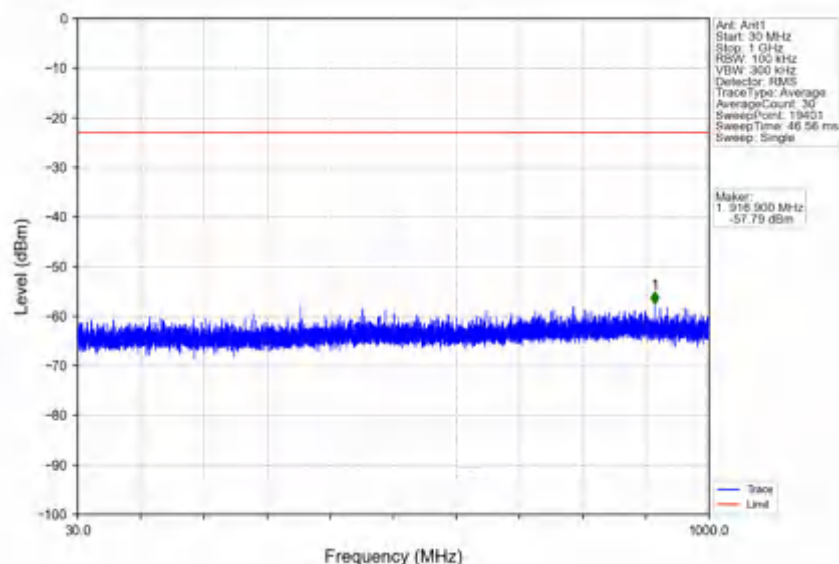
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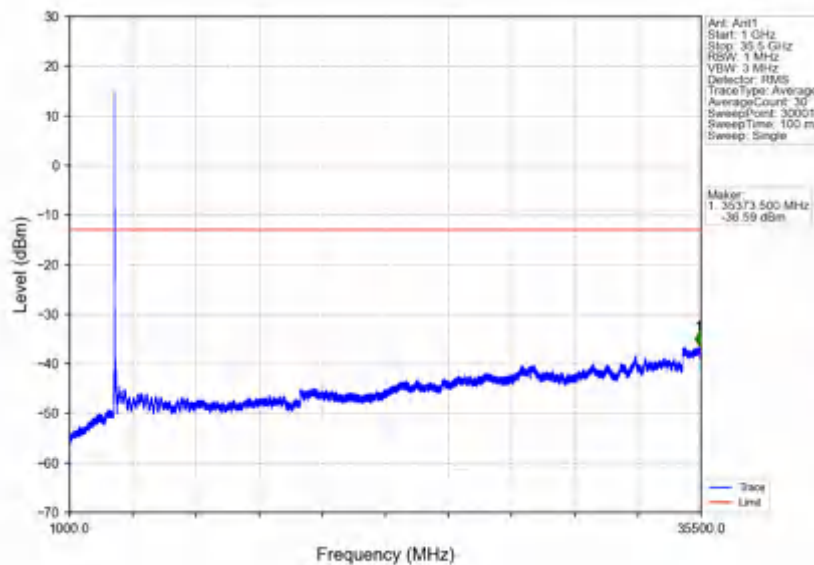


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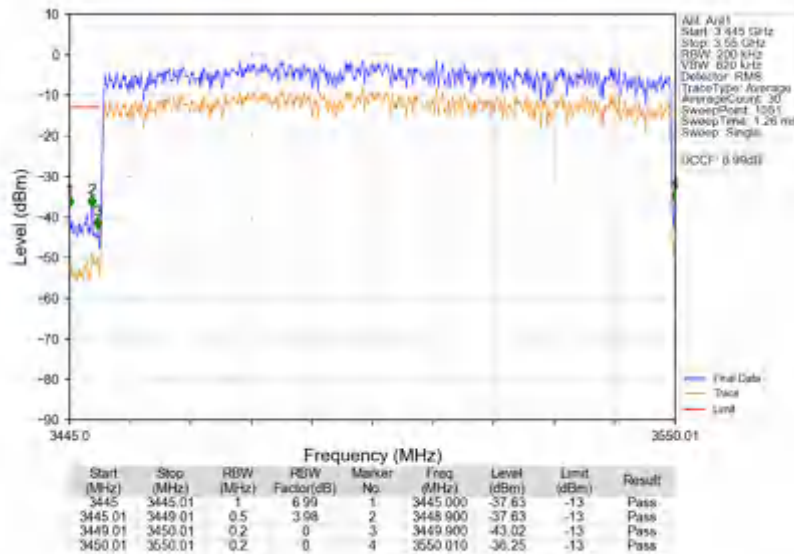
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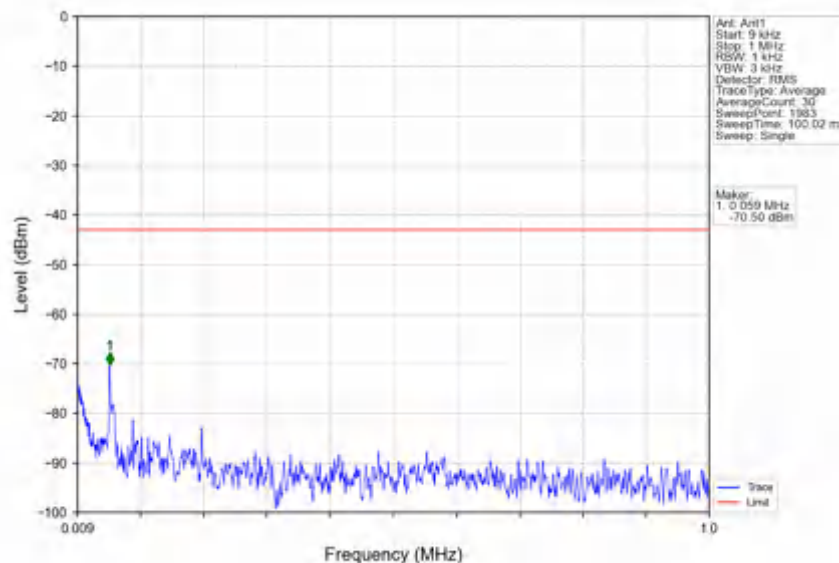


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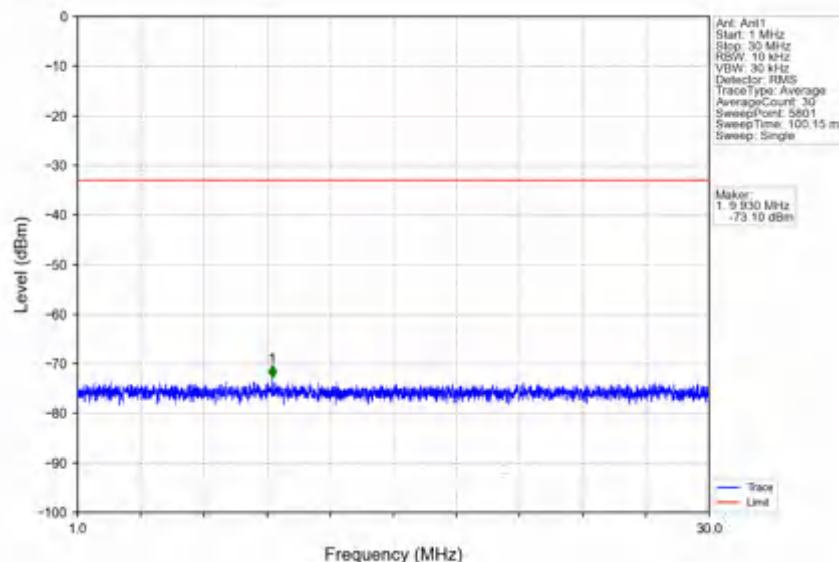
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n78e_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3500.01MHz_Outer_Full



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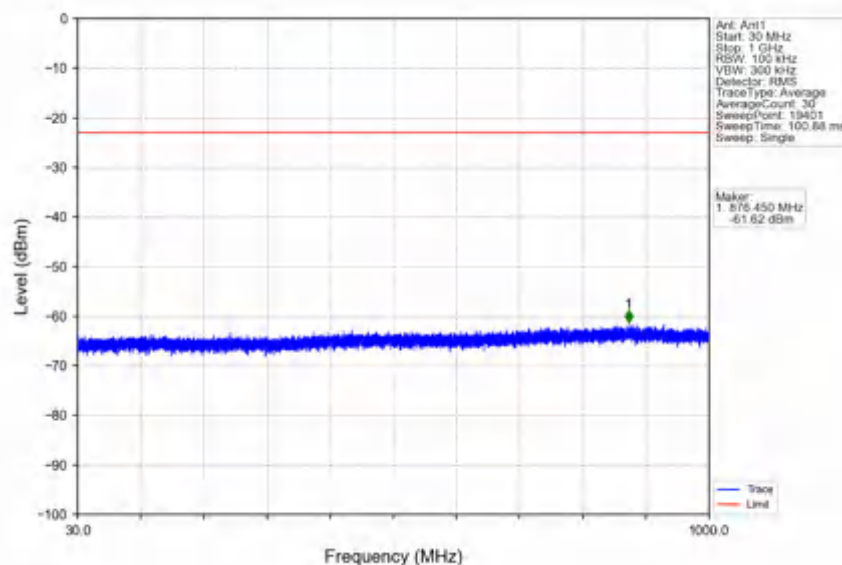


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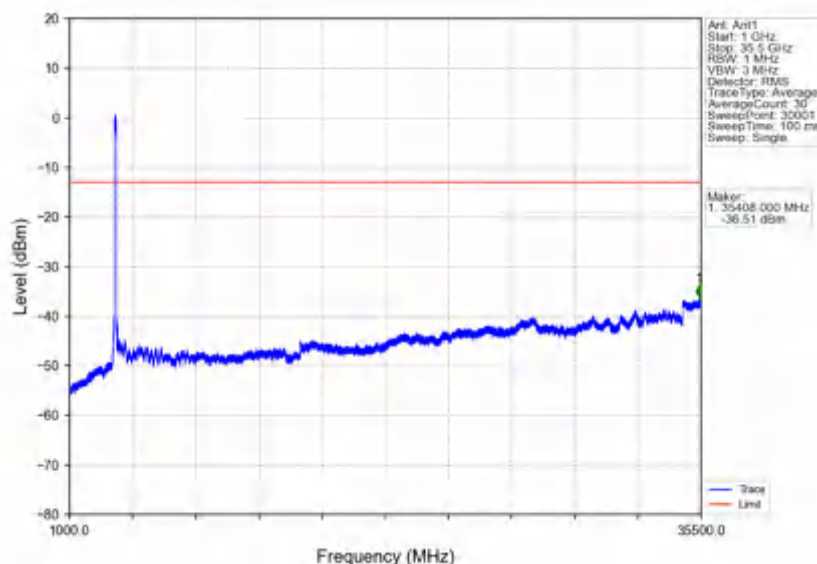
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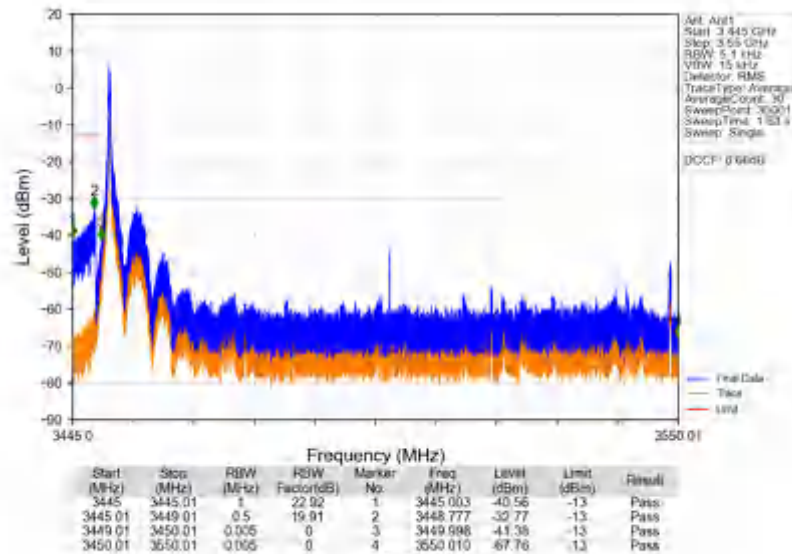


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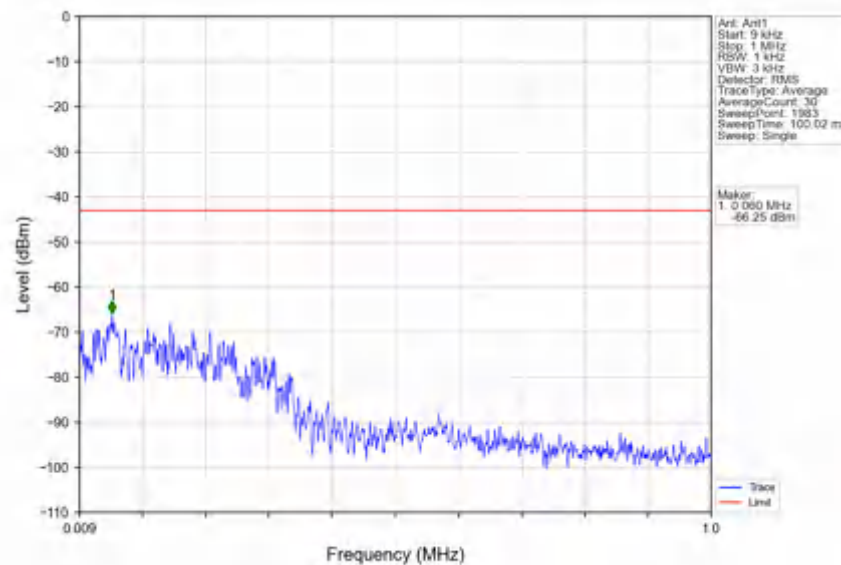
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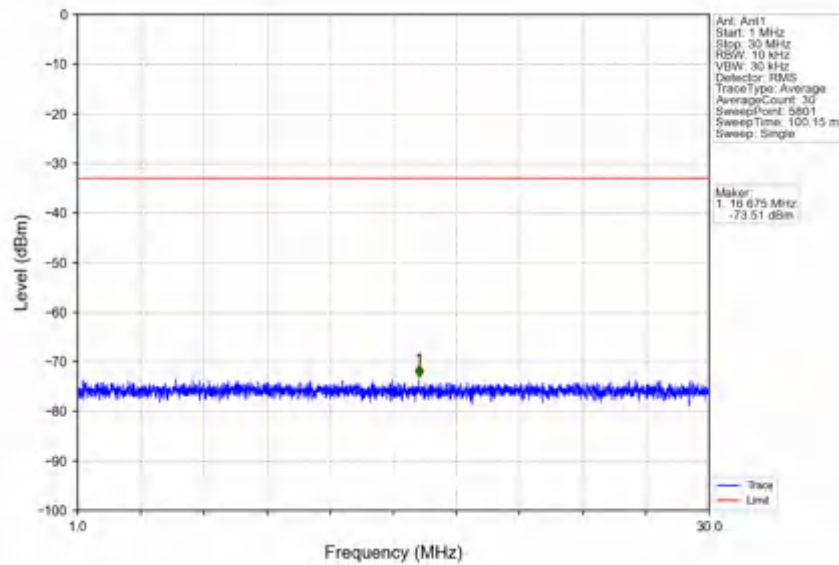


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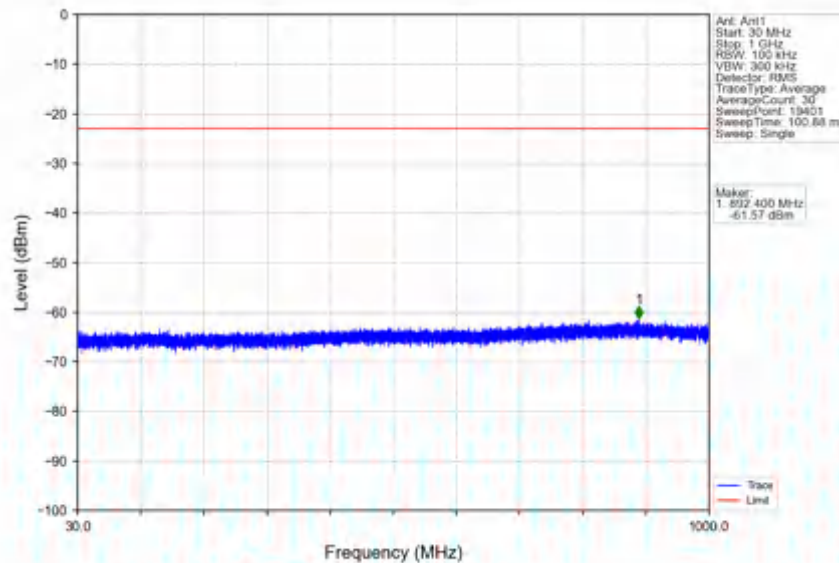
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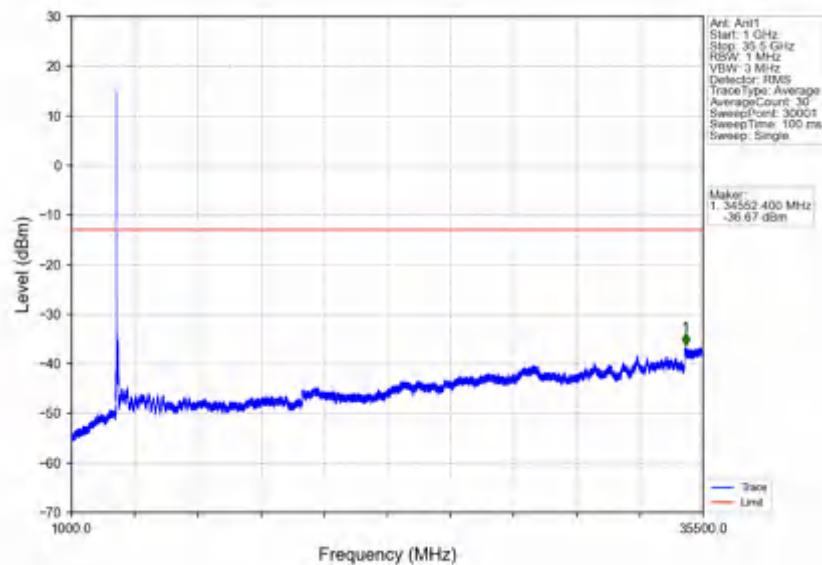


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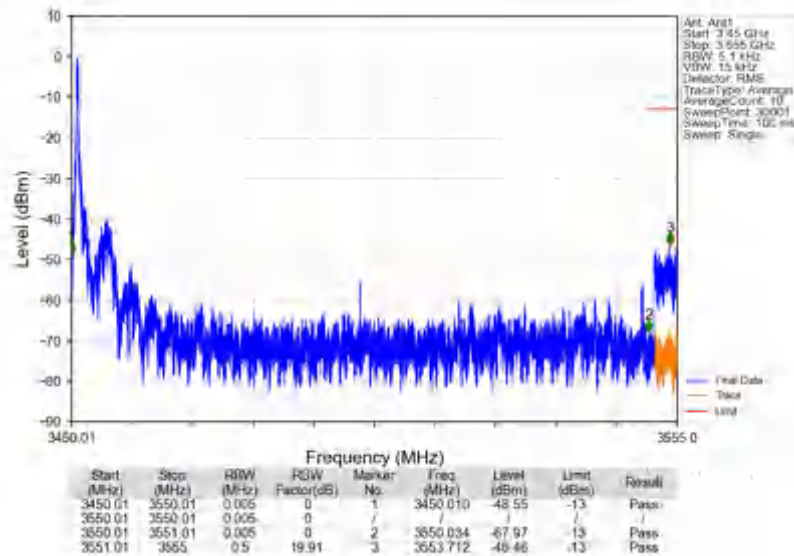
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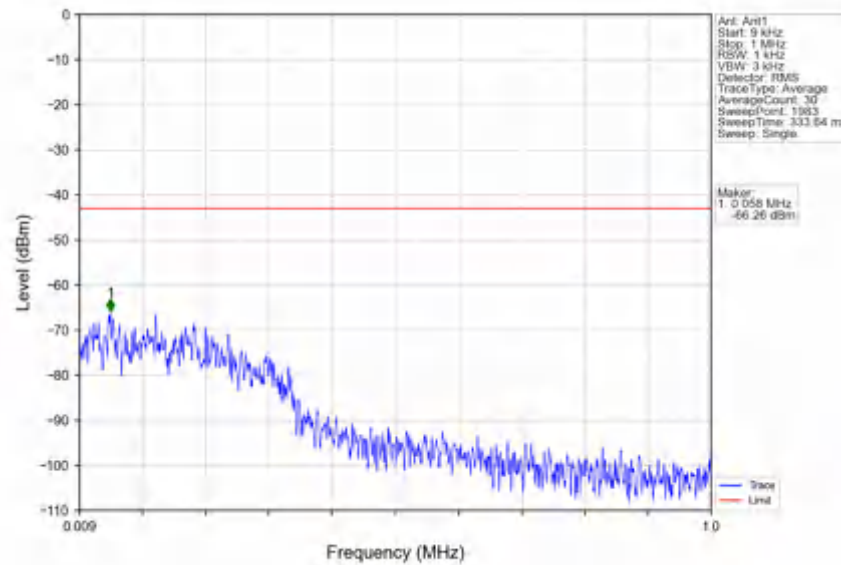


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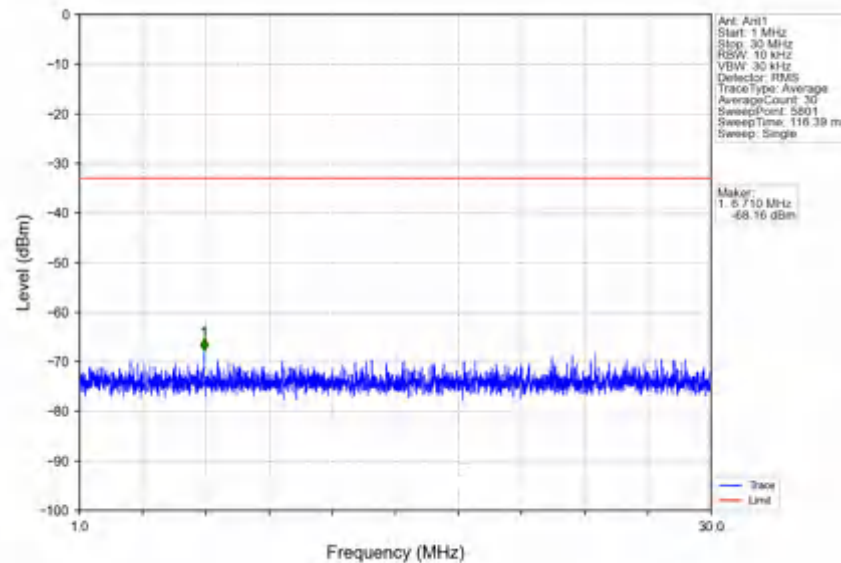
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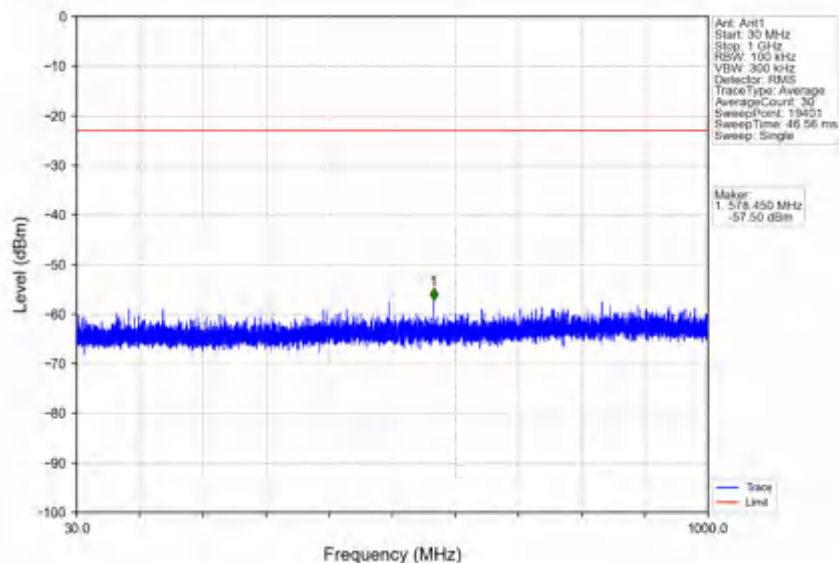
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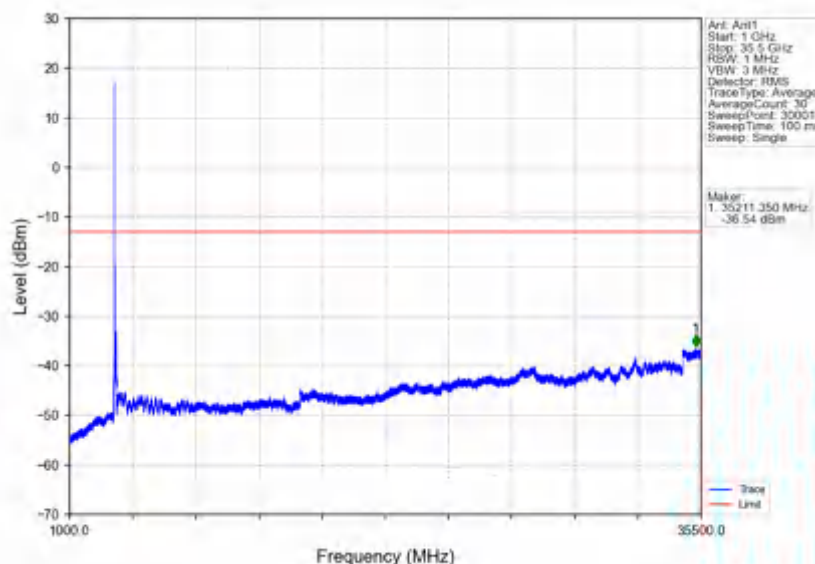
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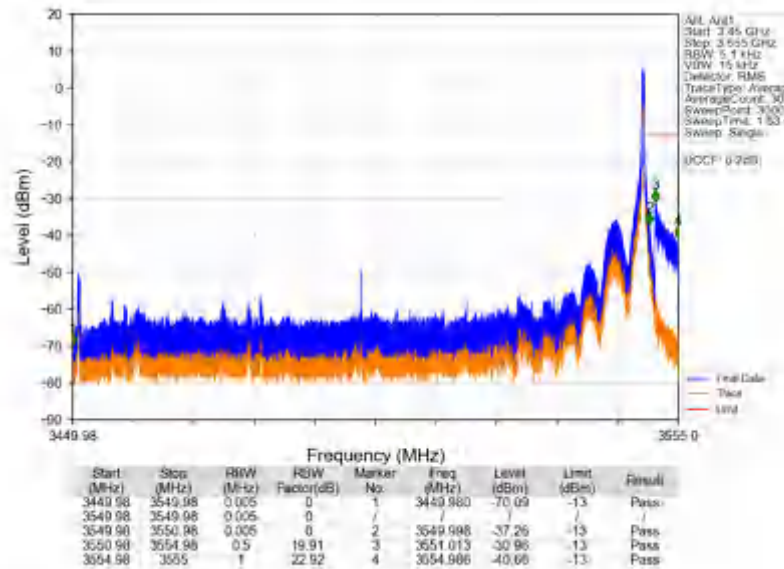


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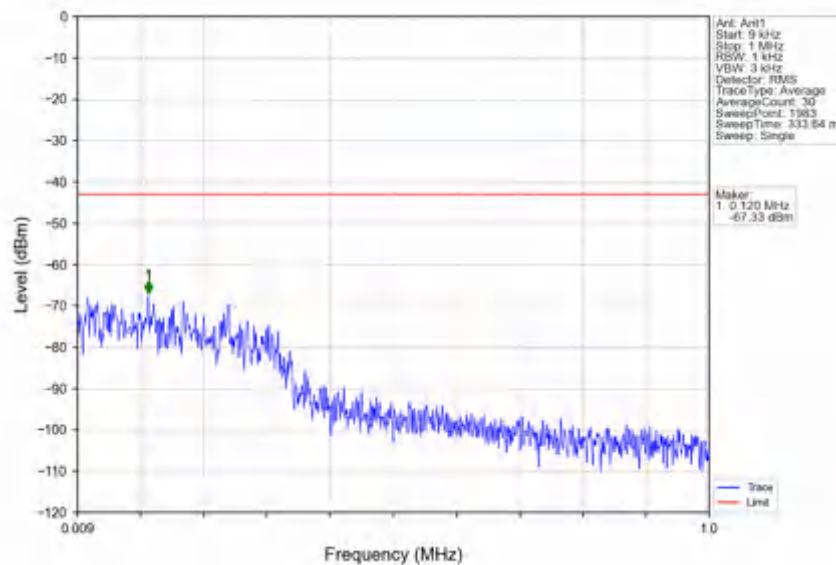
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n78e_30kHz_SISO_NTV_100MHz_CP-OFDM_QPSK_3499.98MHz_Edge_1RB_Right



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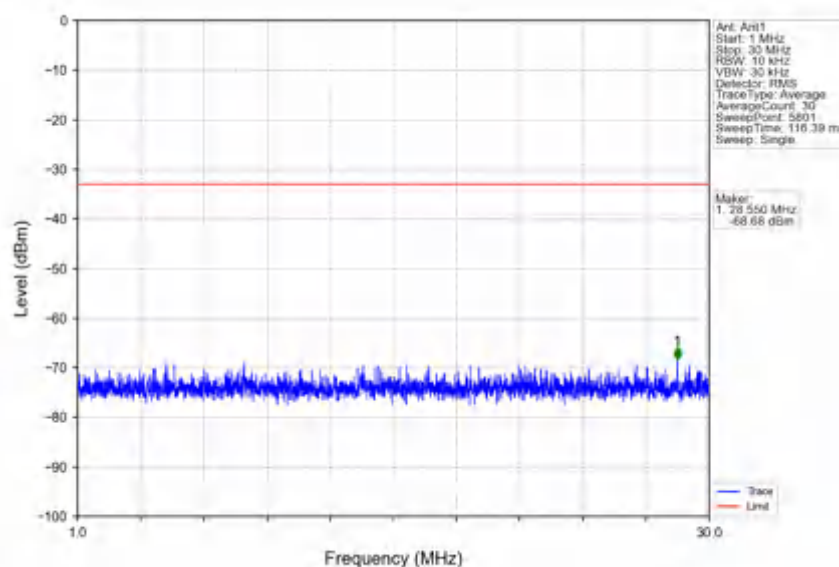


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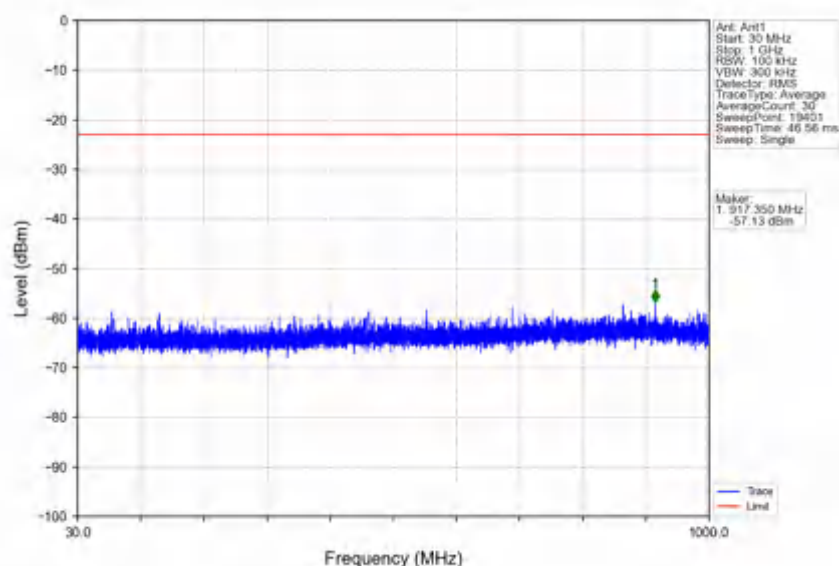
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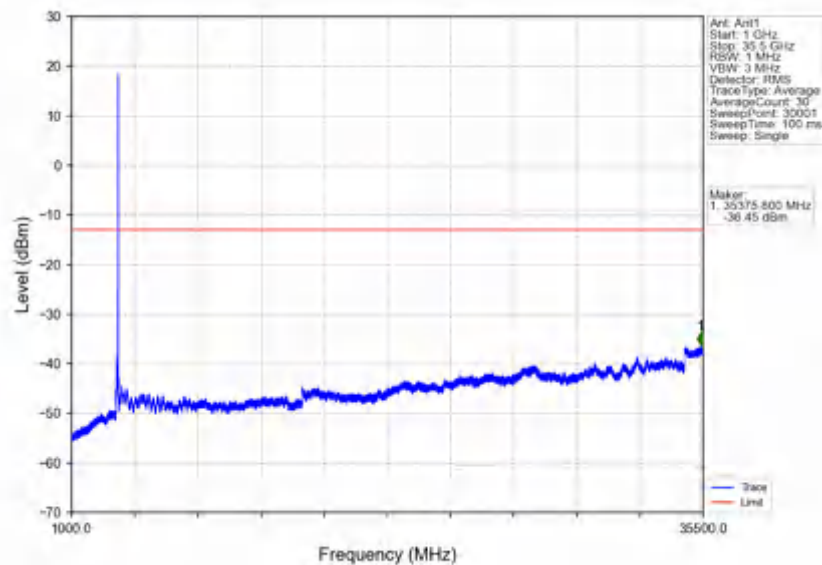


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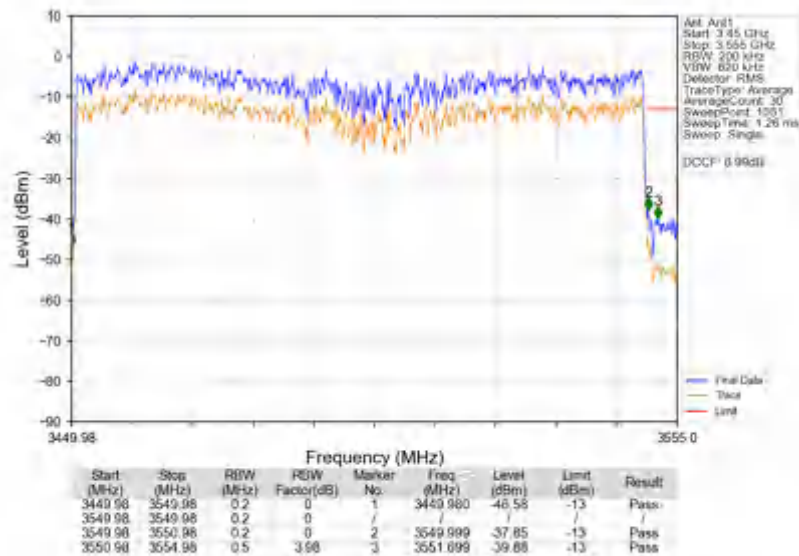
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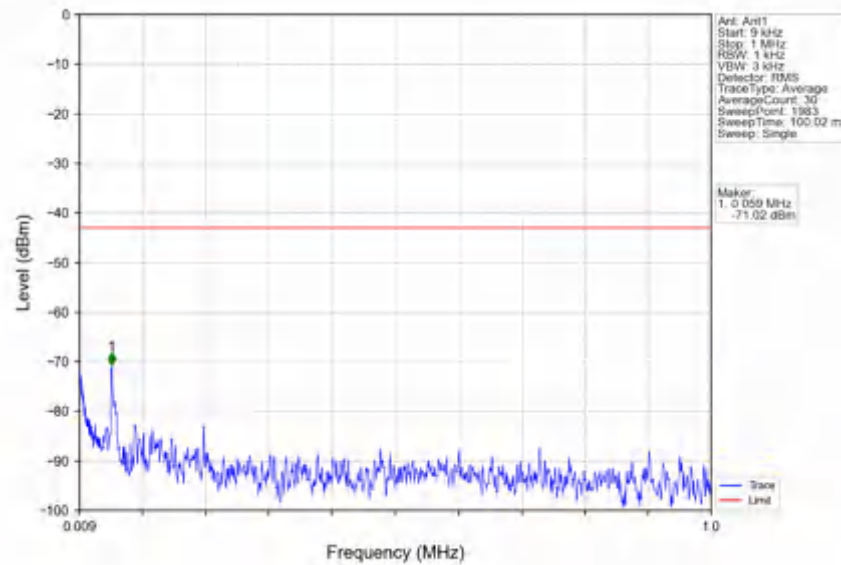


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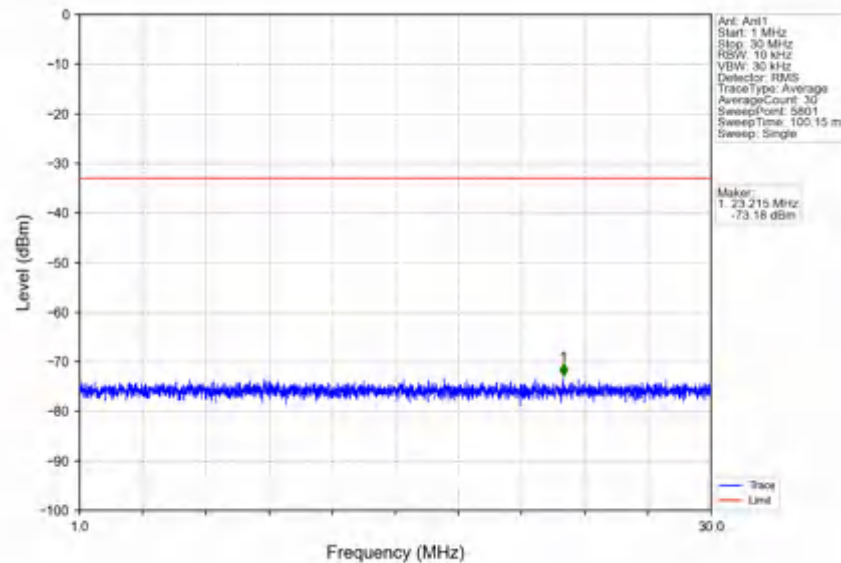
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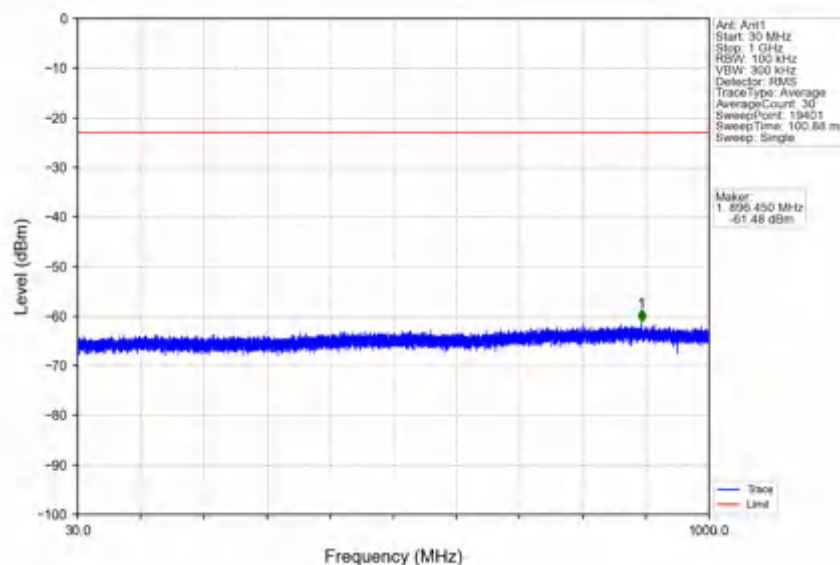


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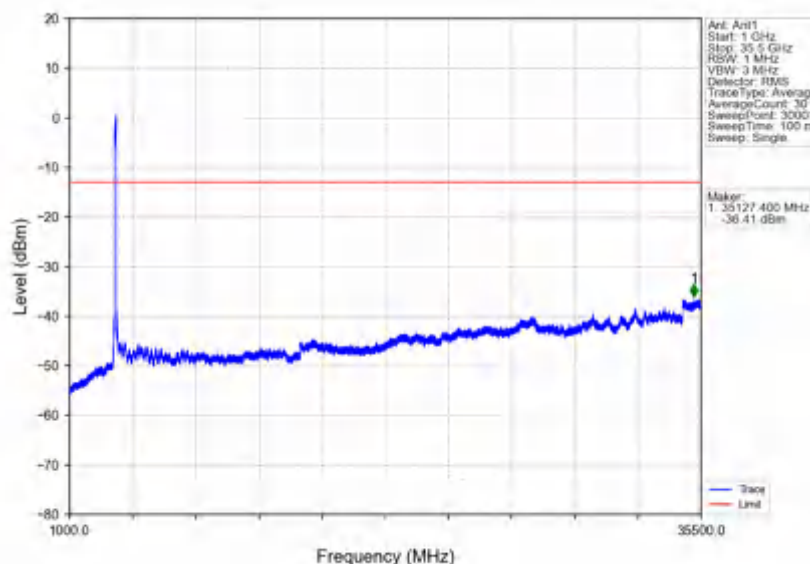
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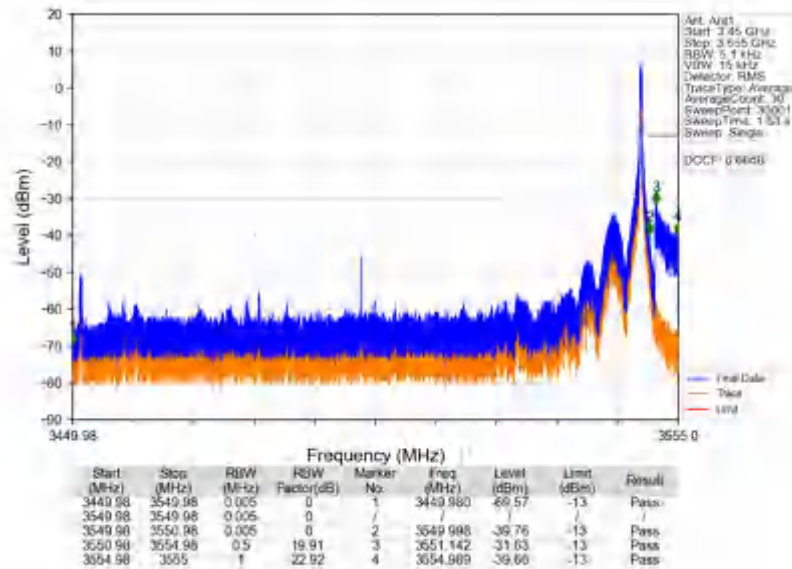


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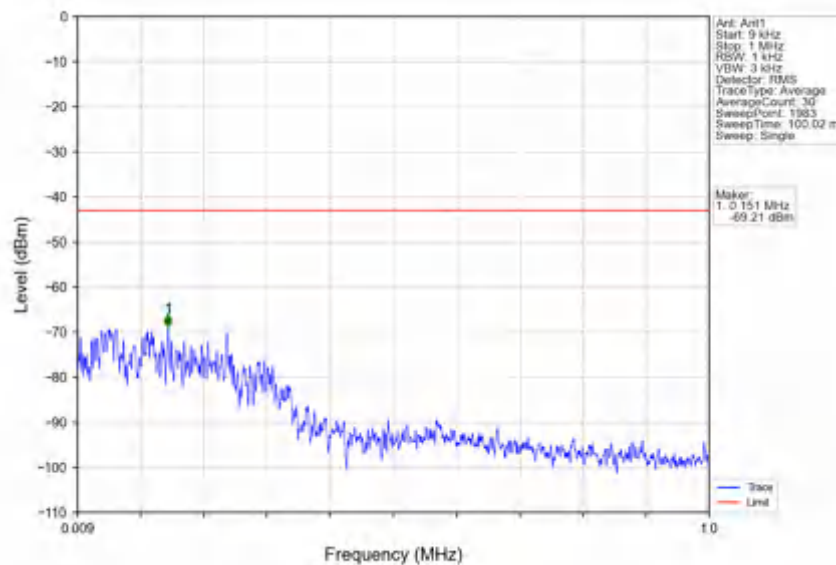
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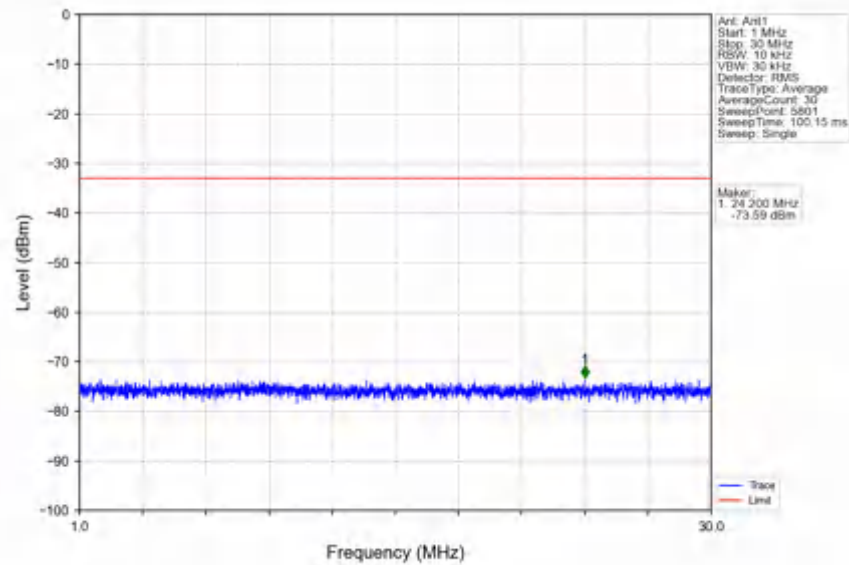


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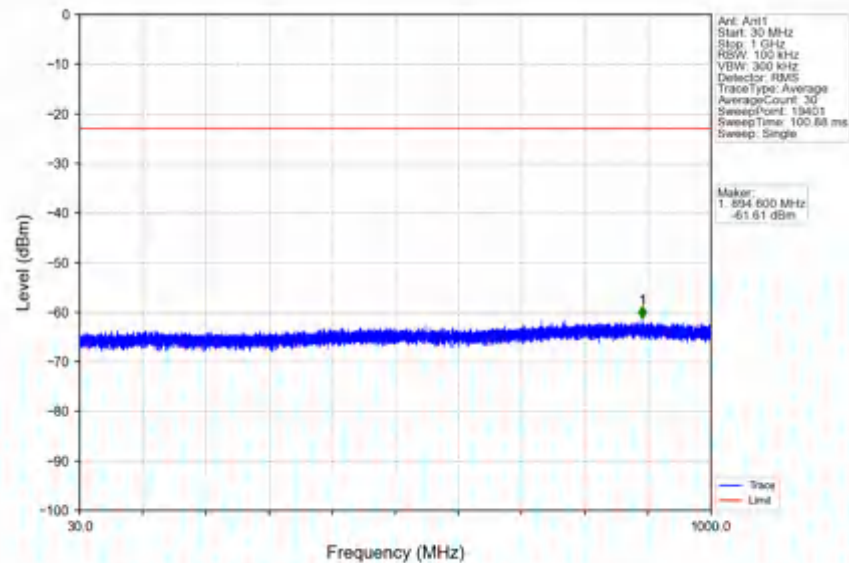
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n78e_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3499.98MHz_Inner_1RB_Right



n78e_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3499.98MHz_Inner_1RB_Right

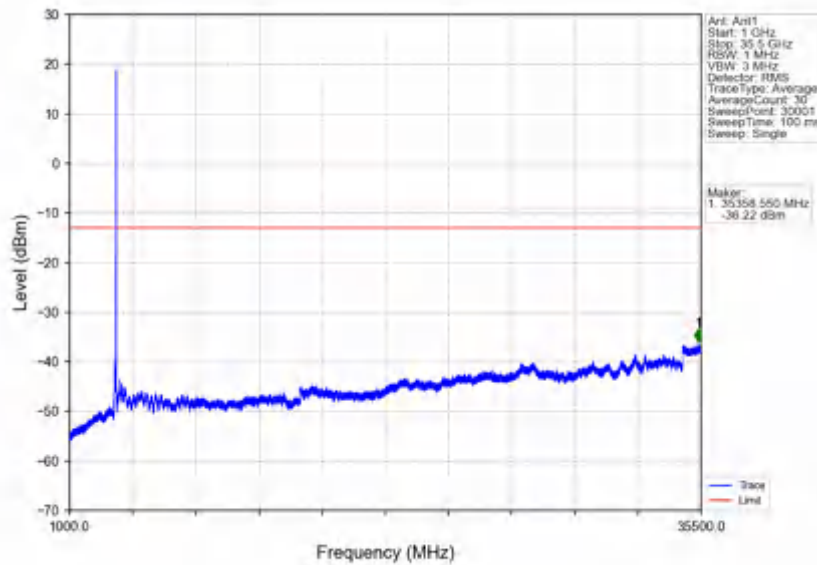


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