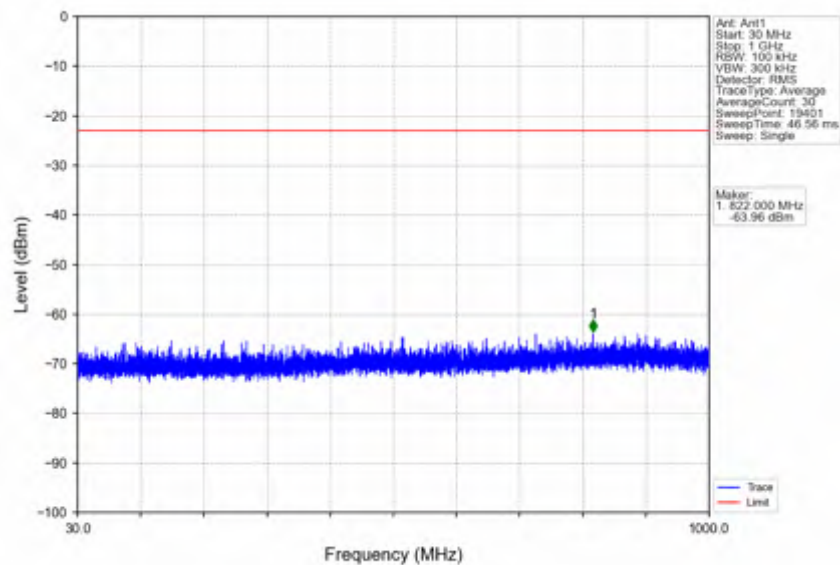
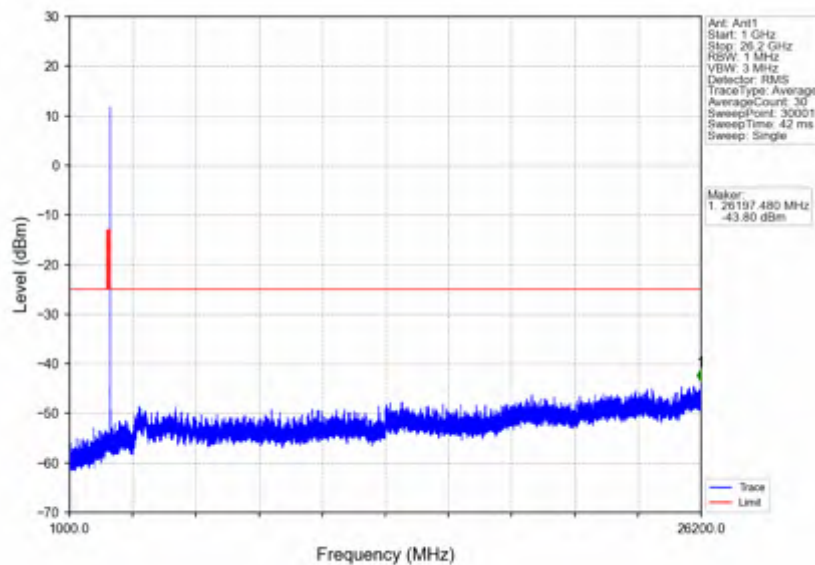


n38_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2617.5MHz_Edge_1RB_Right



n38_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2617.5MHz_Edge_1RB_Right



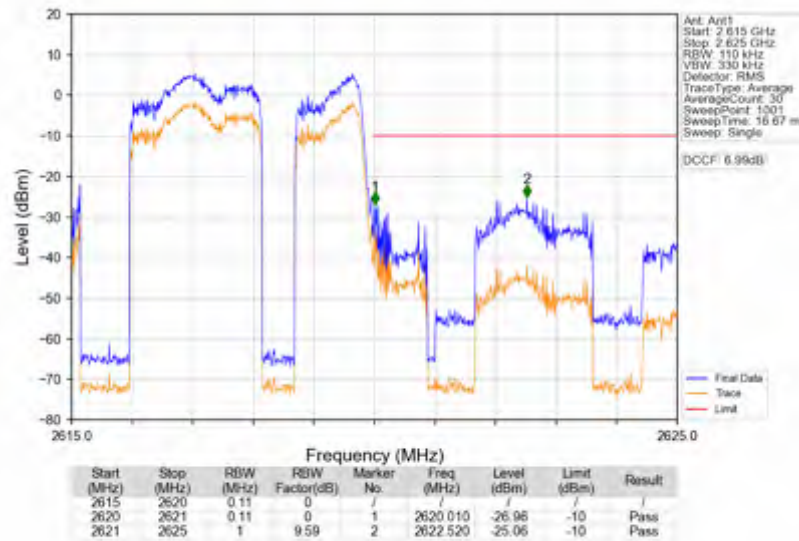
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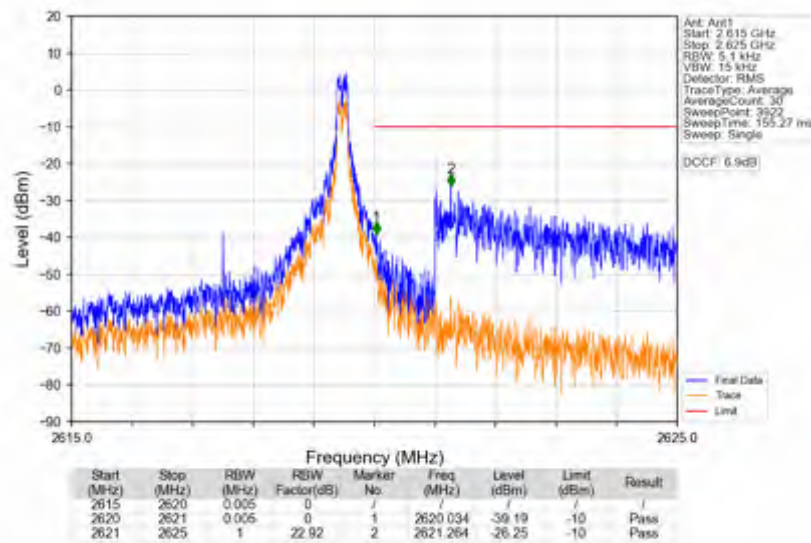
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n38_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_2617.5MHz_Outer_Full



n38_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_2617.5MHz_Inner_1RB_Right



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5.2 15k_SISO_10MHz_NTNV

5.2.1 Test Result

5G NR n38 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	2575	Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
	2615	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	2575	Inner 1RB Right	Refer To Test Graph			Pass
		Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
	2595	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	2615	Edge 1RB Right	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass
	2575	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	2595	Edge 1RB Left	Refer To Test Graph			Pass
		Edge 1RB Right	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
	2615	Edge 1RB Right	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass



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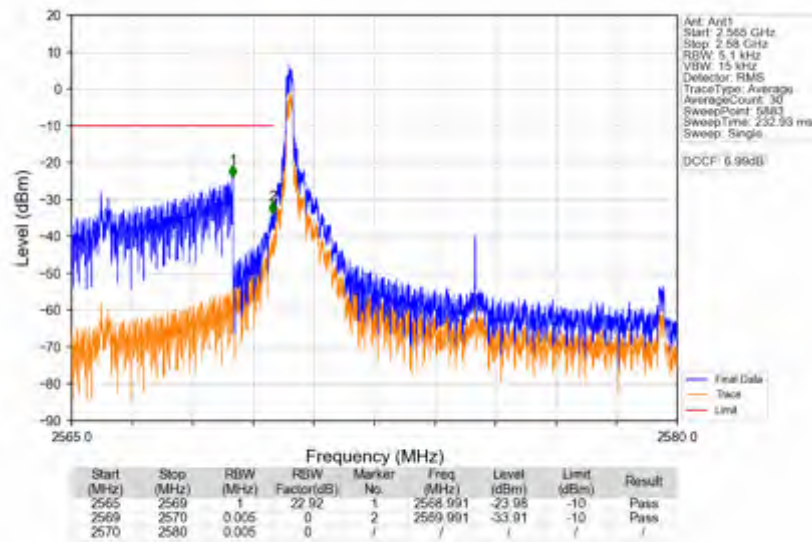
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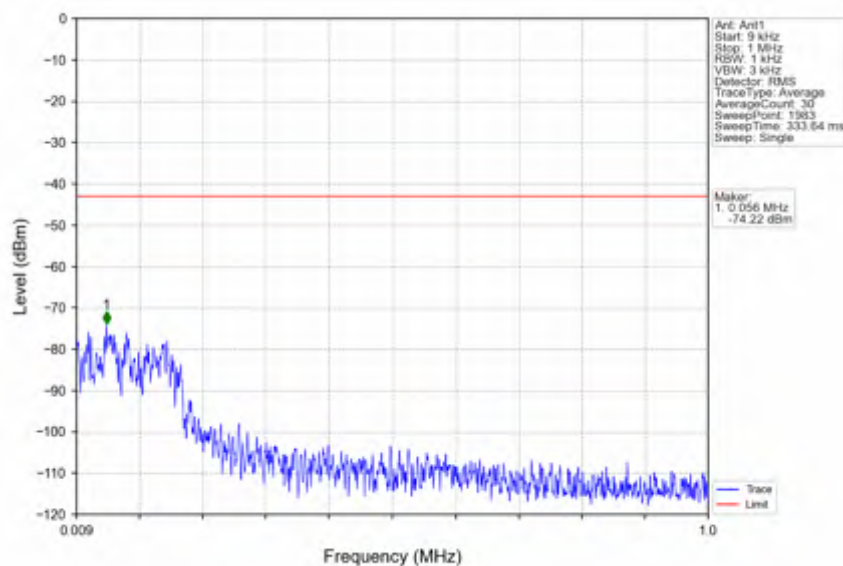
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5.2.2 Test Graph

n38_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2575MHz_Edge_1RB_Left



n38_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2575MHz_Edge_1RB_Left



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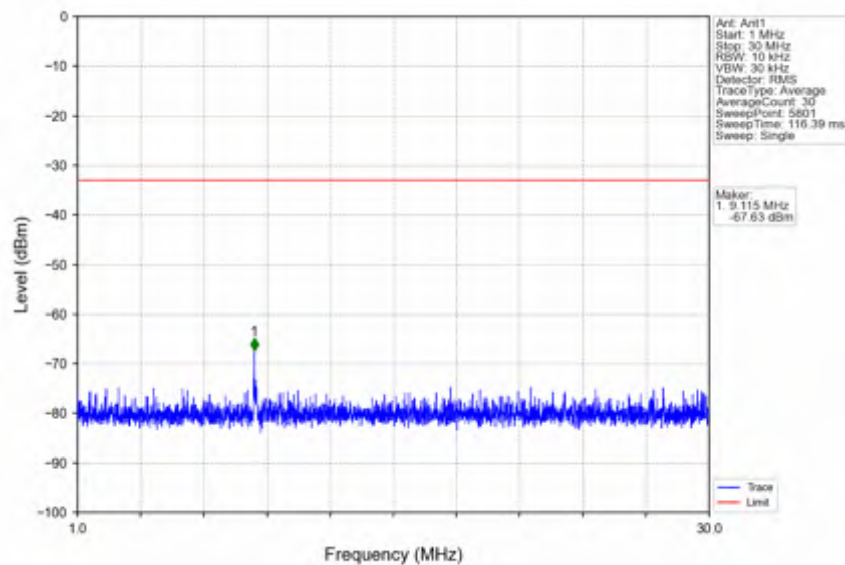
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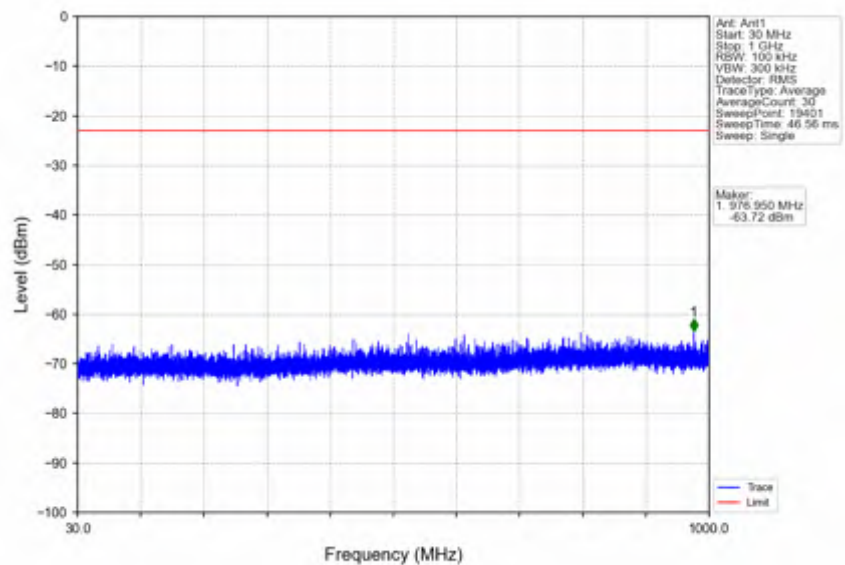
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n38_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2575MHz_Edge_1RB_Left



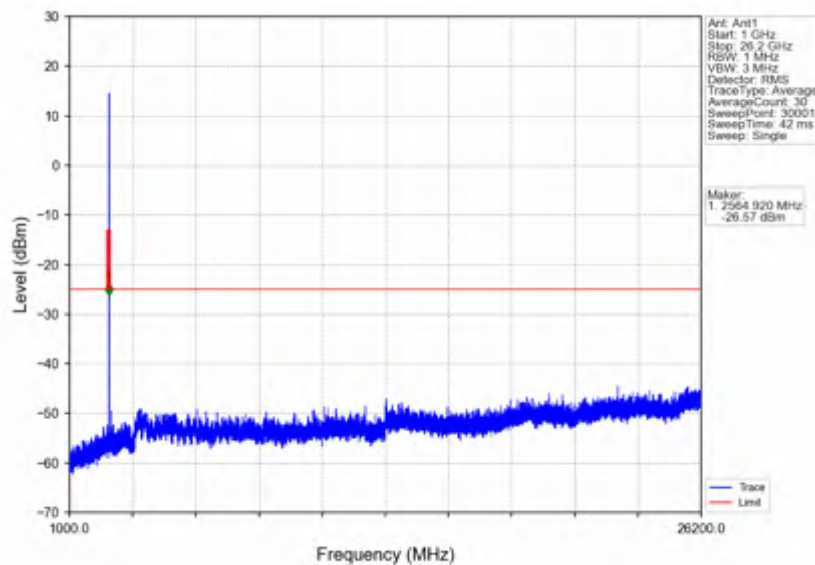
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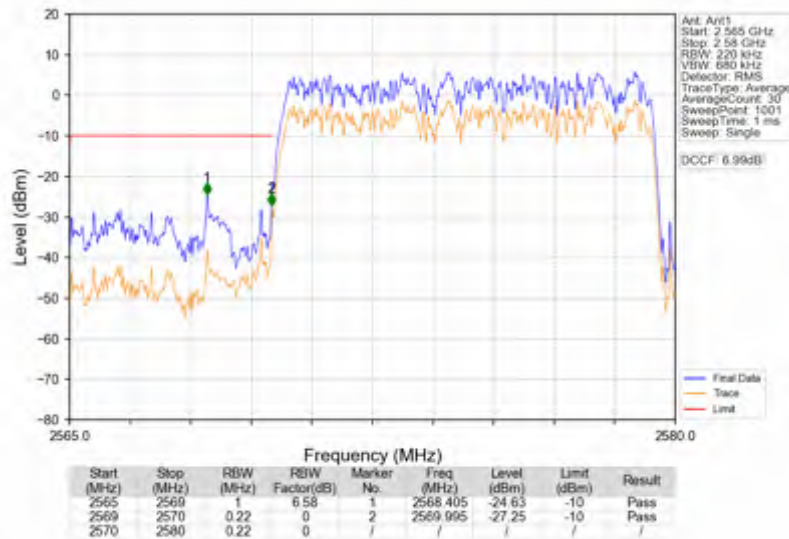
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n38_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2575MHz_Outer_Full



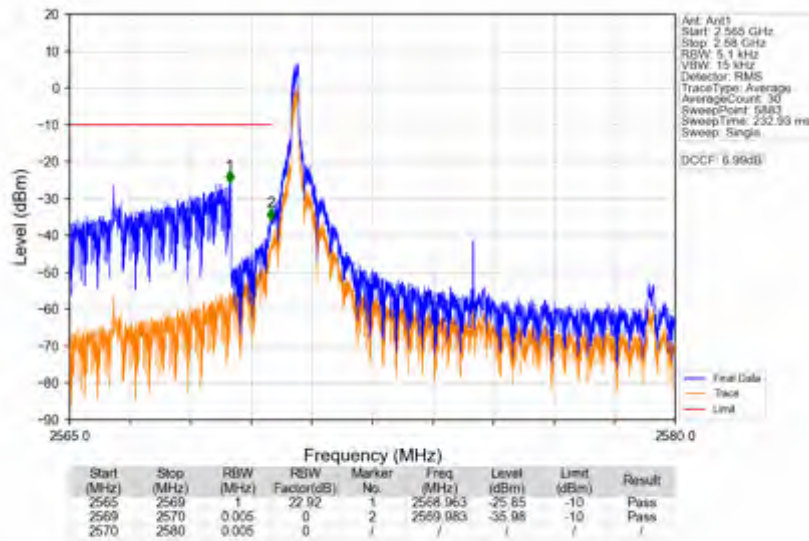
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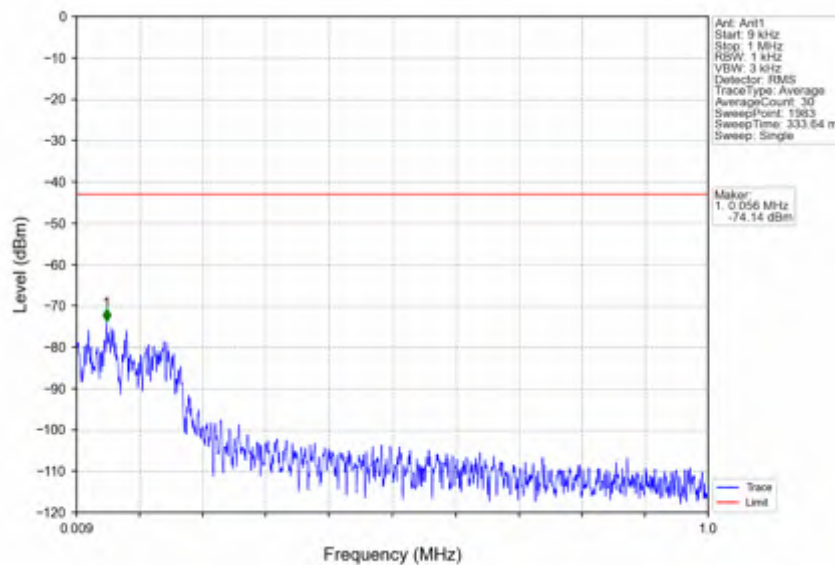
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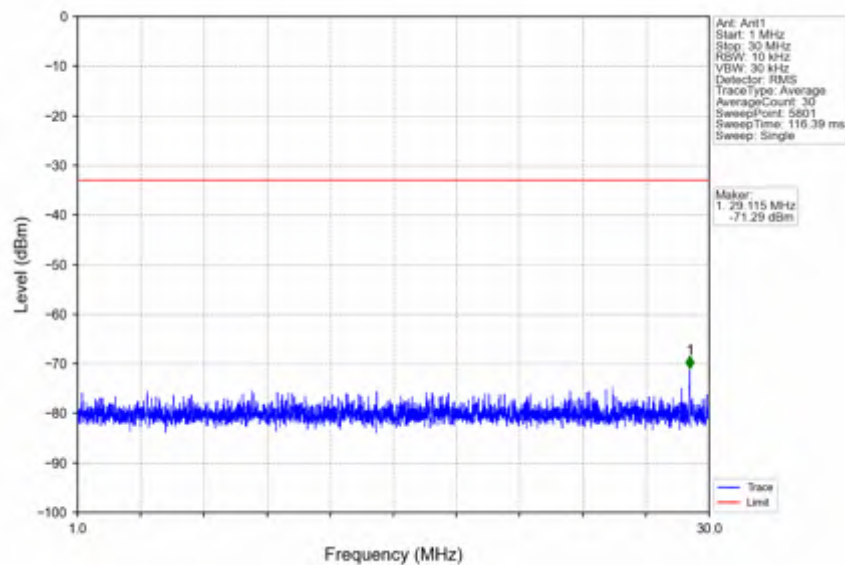
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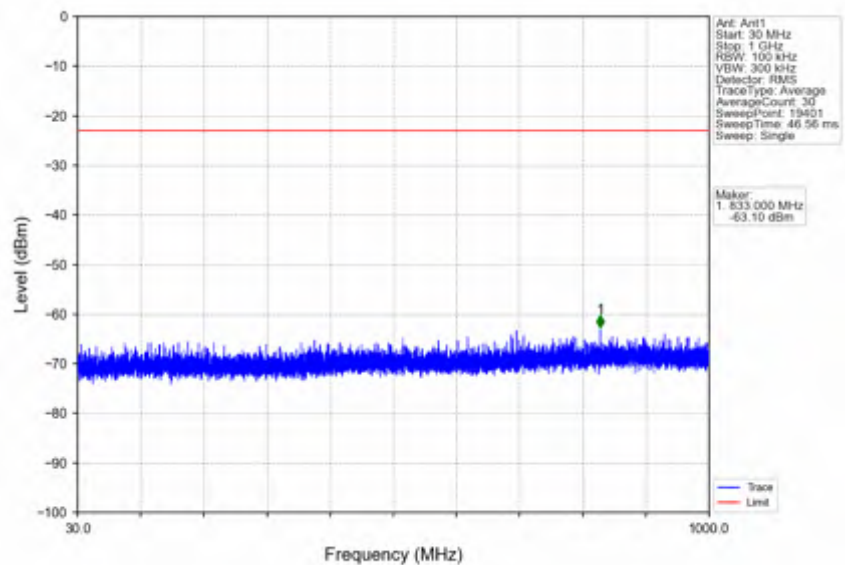
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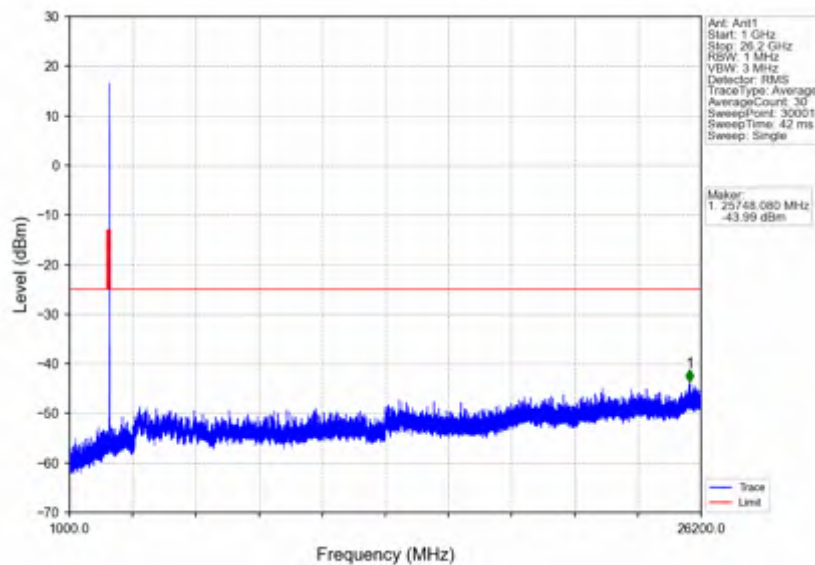
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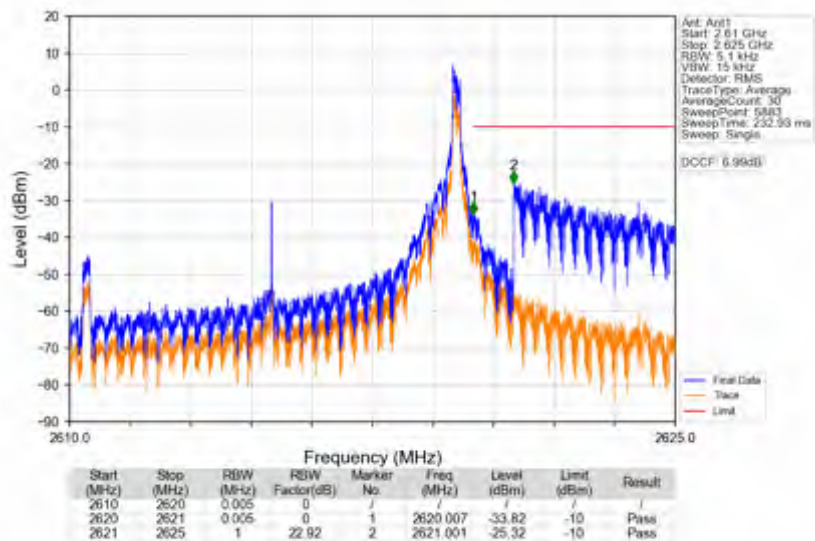
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n38_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2615MHz_Edge_1RB_Right



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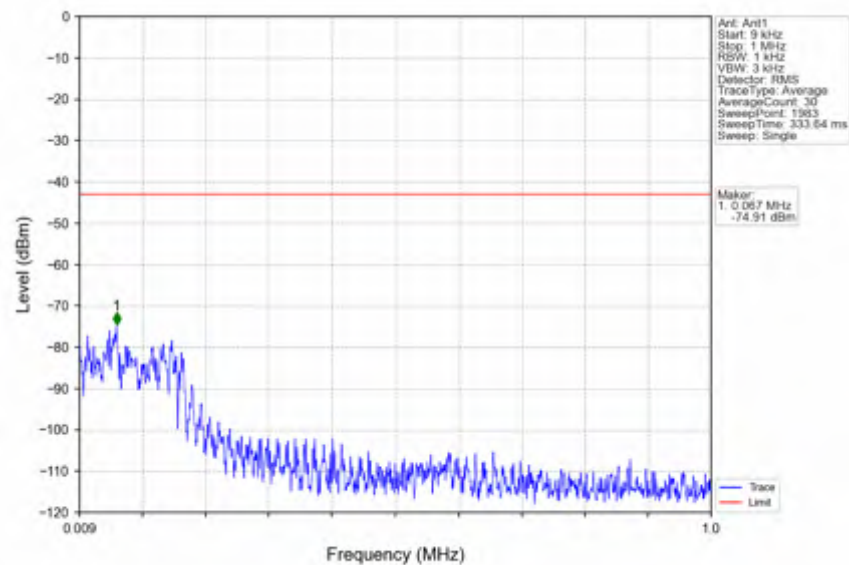
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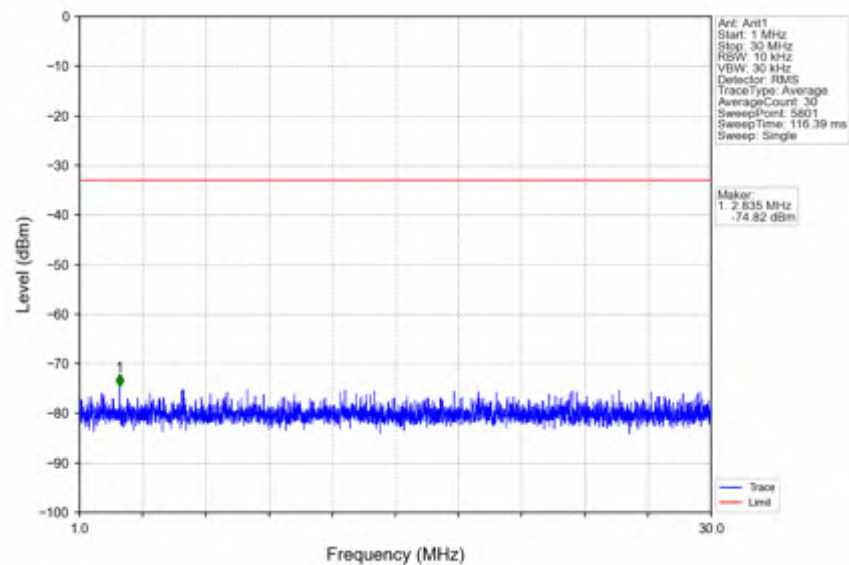
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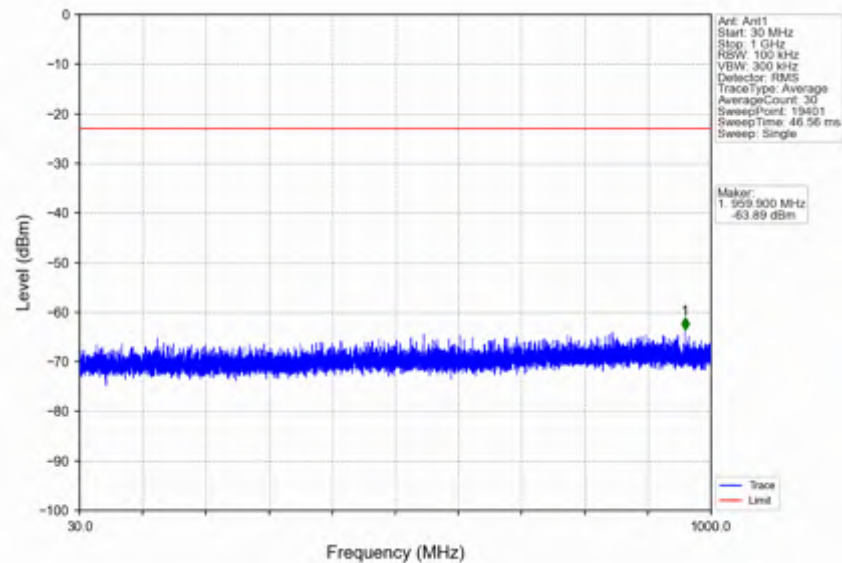
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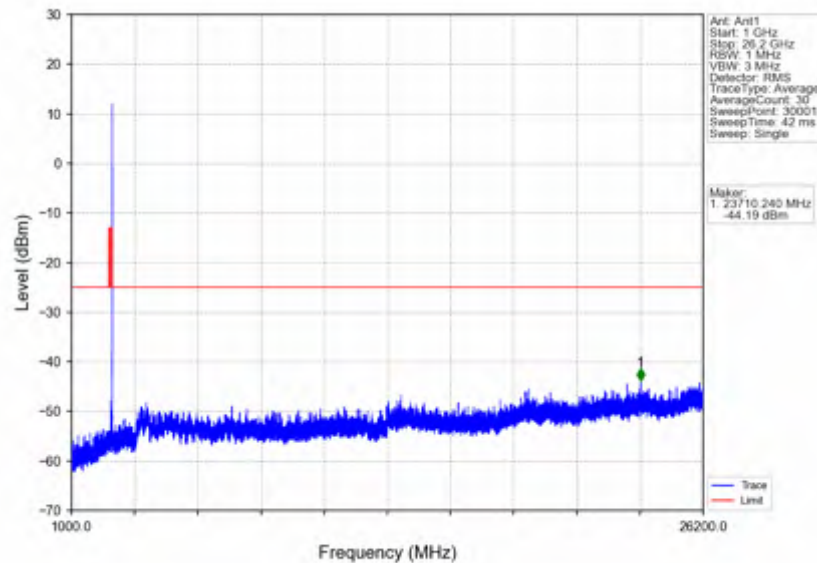
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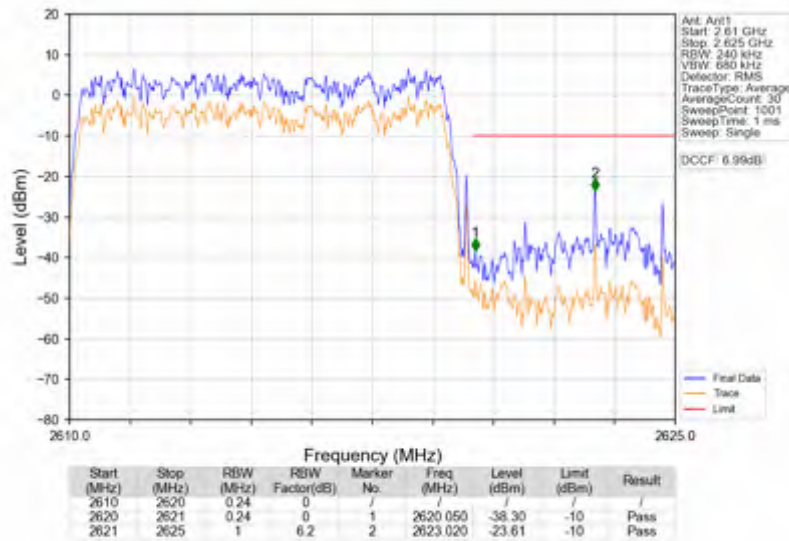
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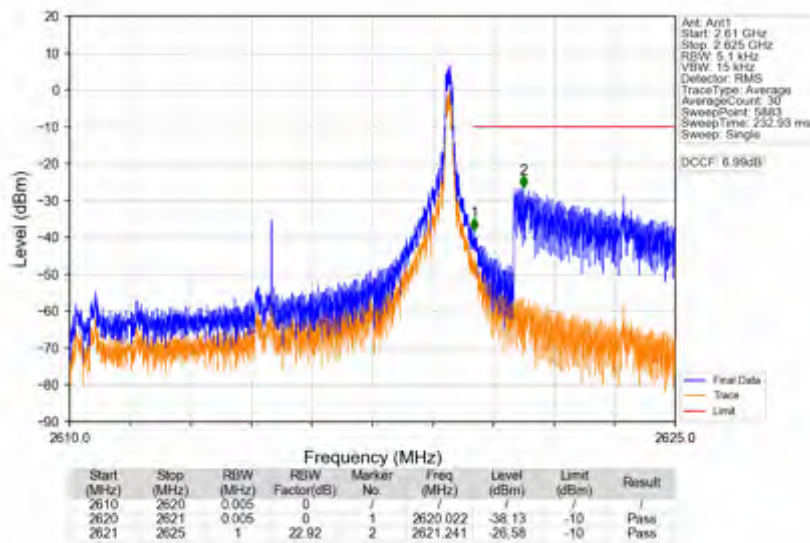
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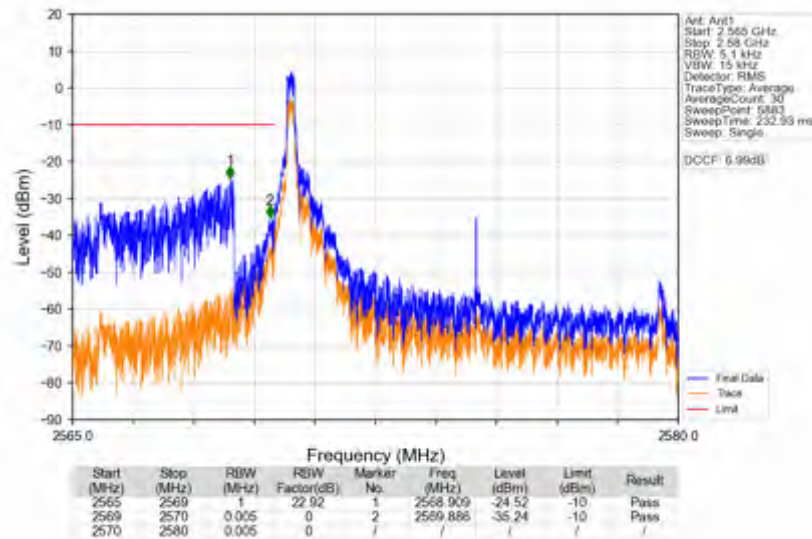
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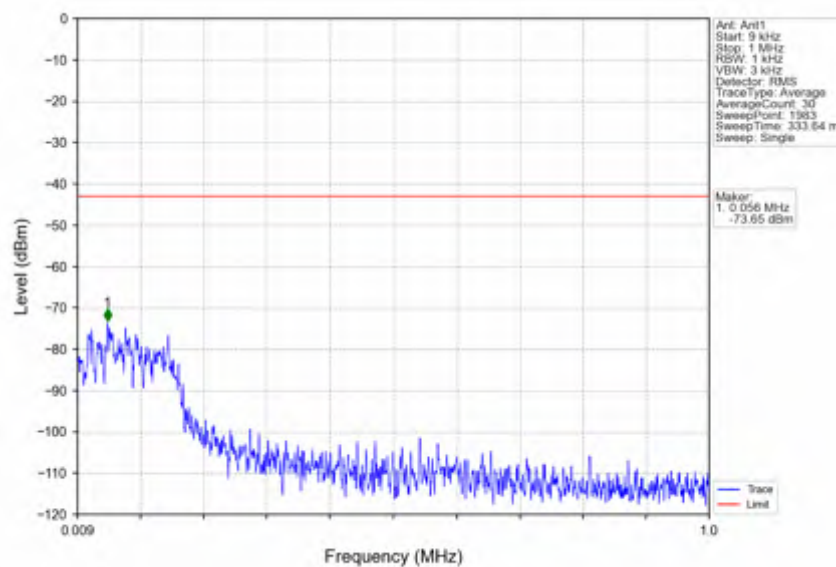
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n38_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2575MHz_Edge_1RB_Left



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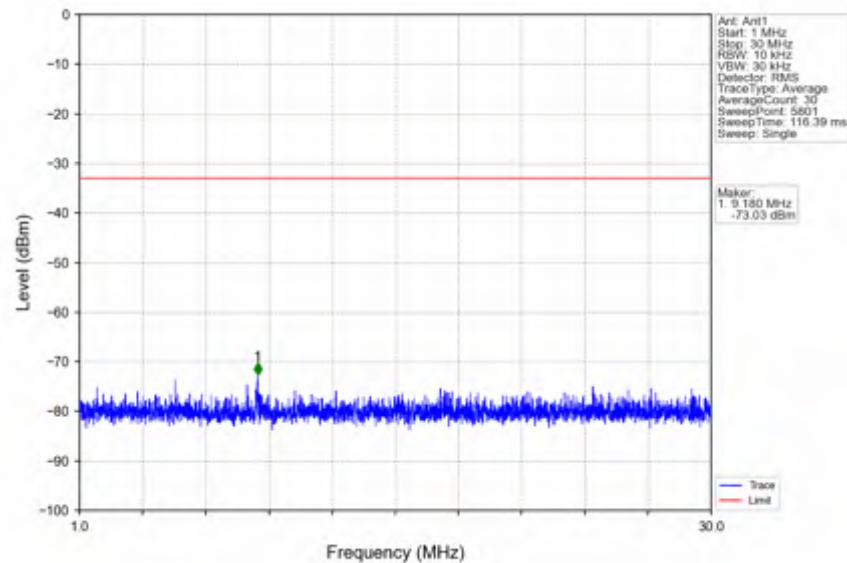


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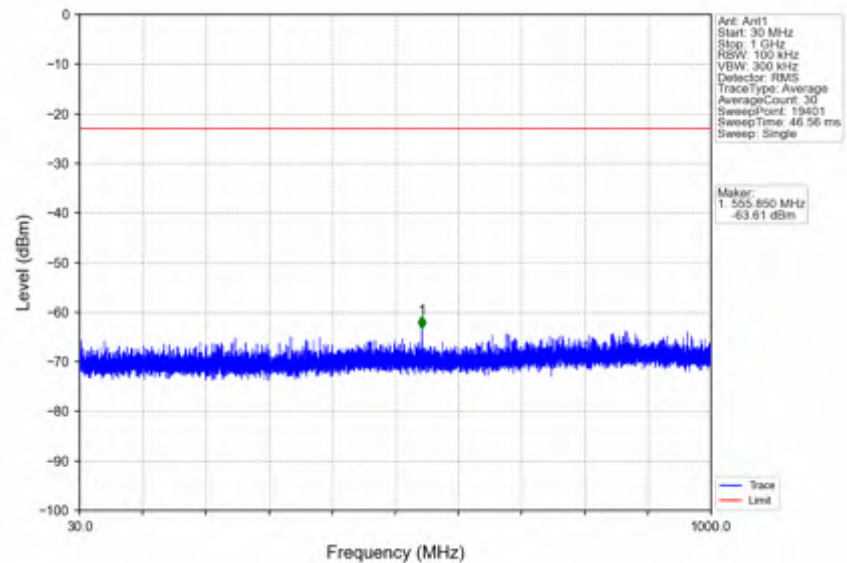
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n38_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2575MHz_Edge_1RB_Left



n38_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2575MHz_Edge_1RB_Left



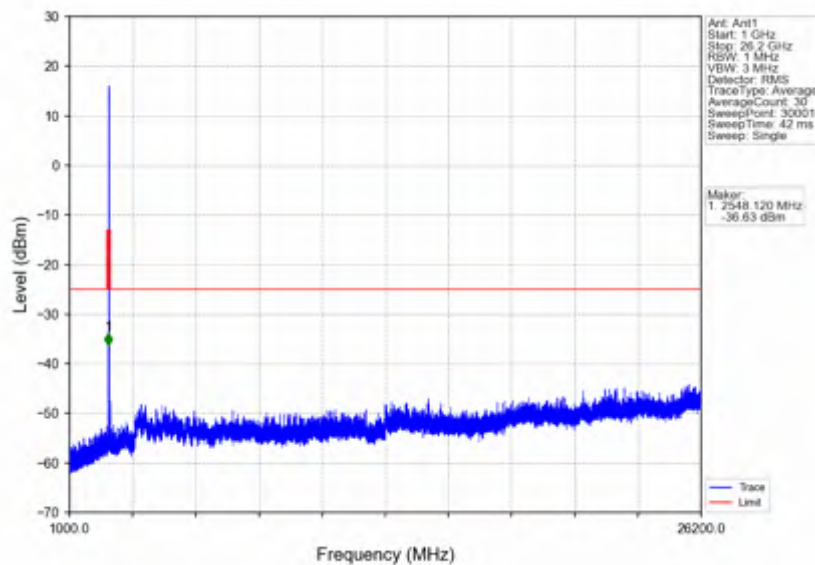
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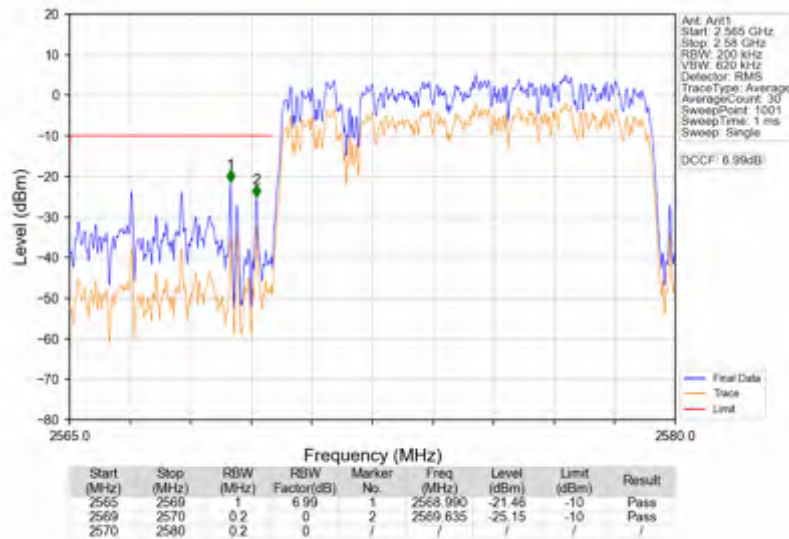
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n38_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2575MHz_Edge_1RB_Left



n38_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2575MHz_Outer_Full



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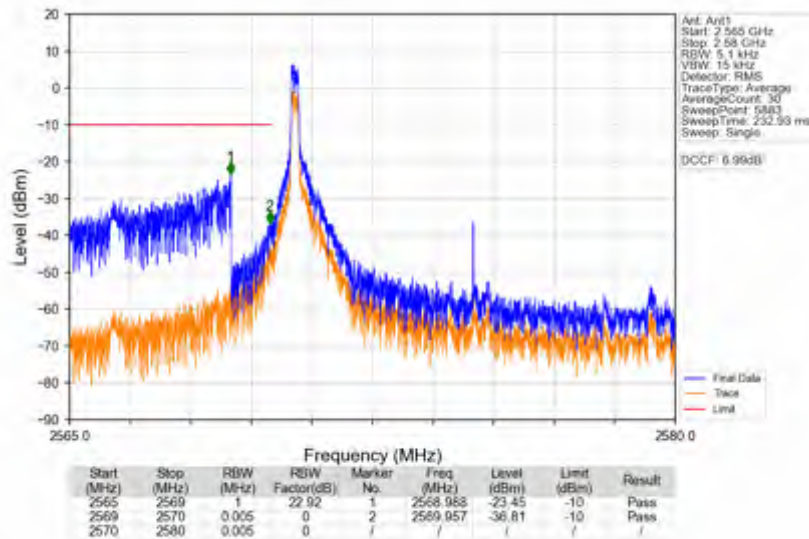
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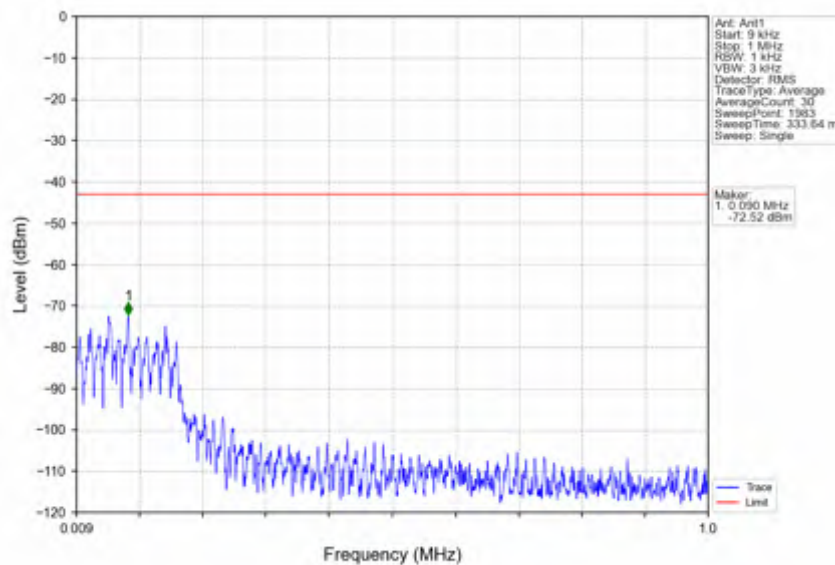
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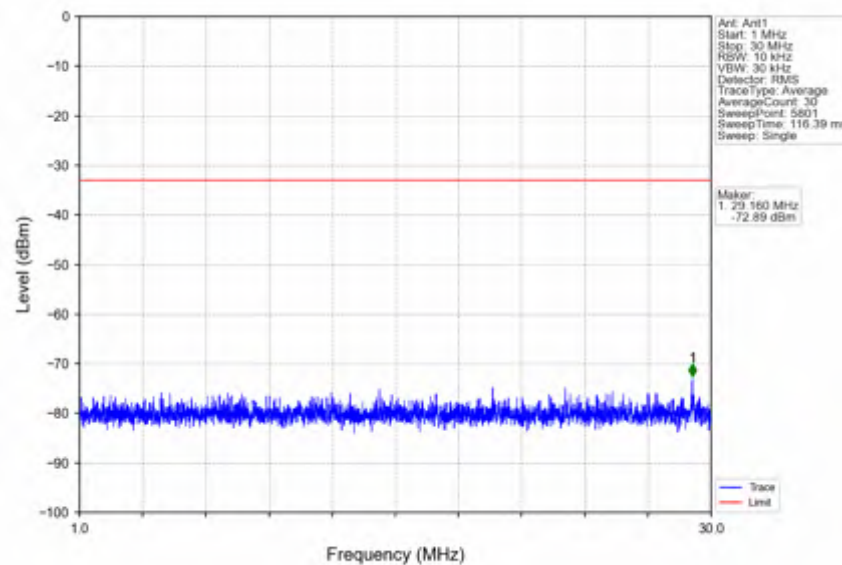


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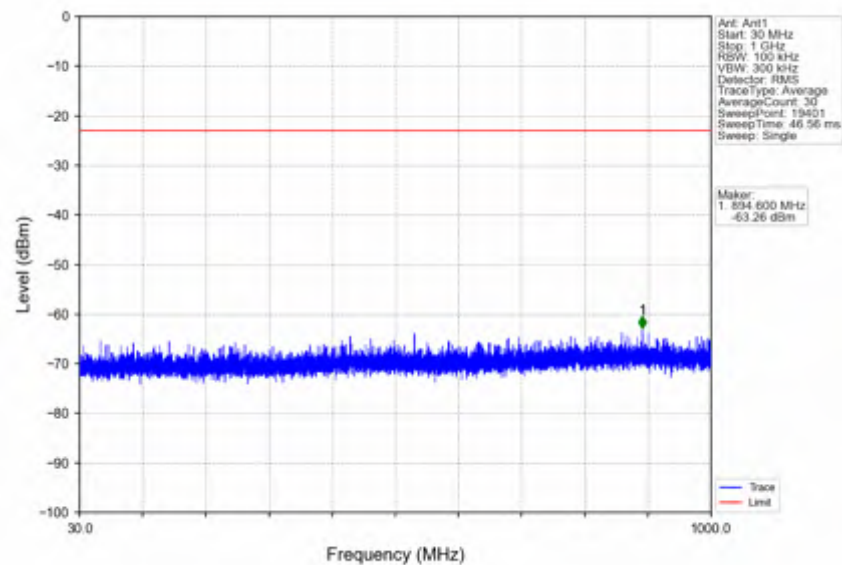
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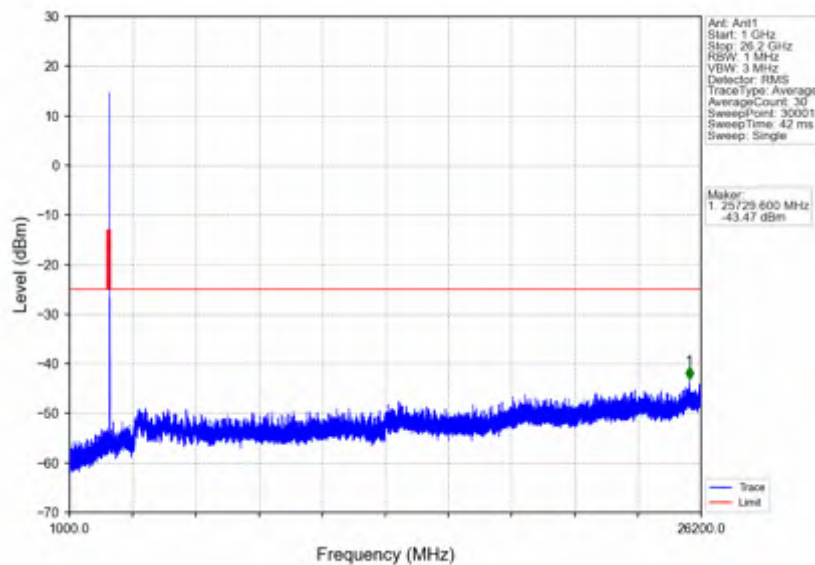
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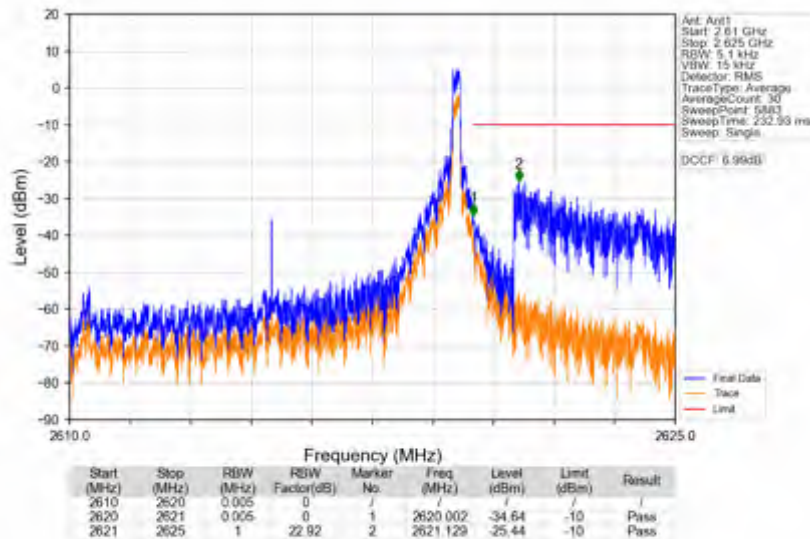
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n38_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2595MHz_Edge_1RB_Left



n38_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2615MHz_Edge_1RB_Right



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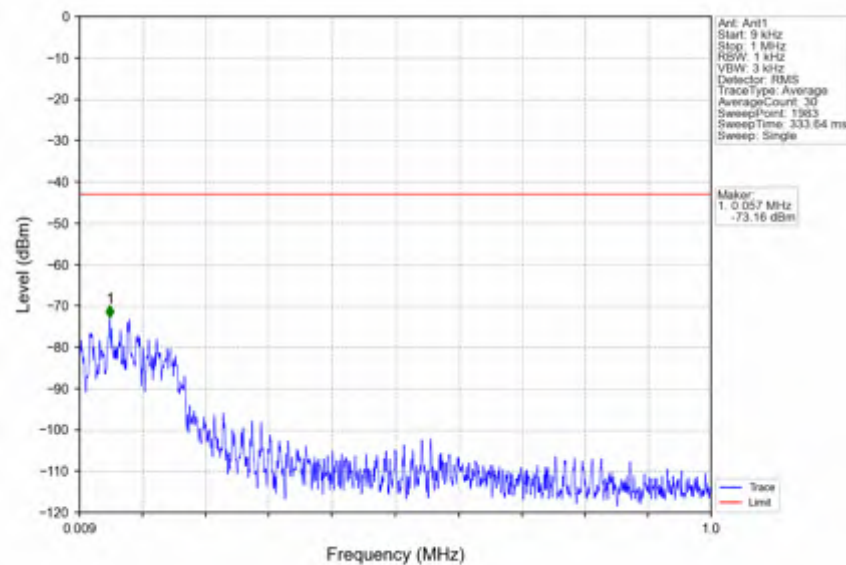
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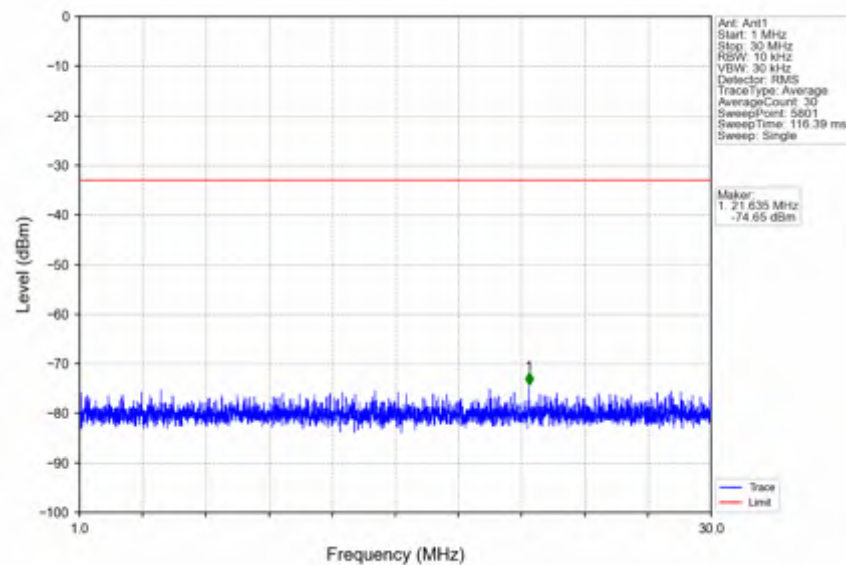
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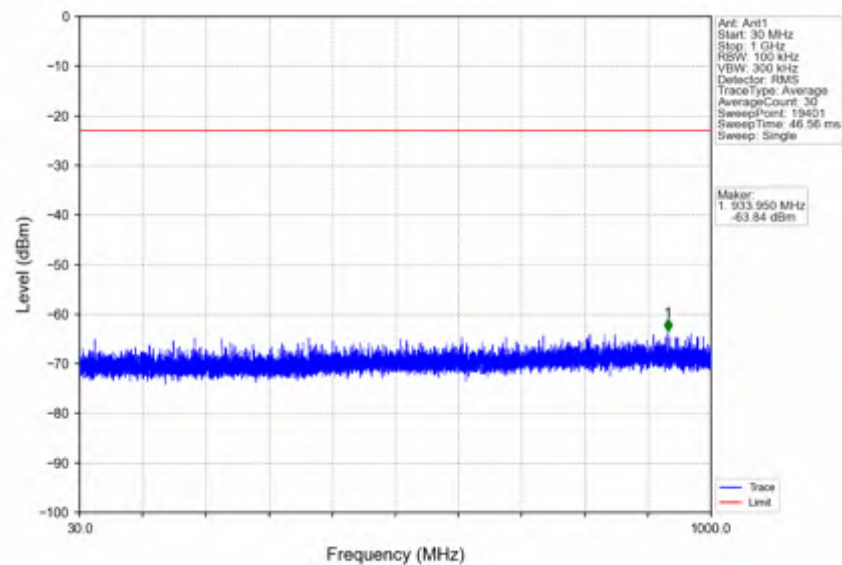
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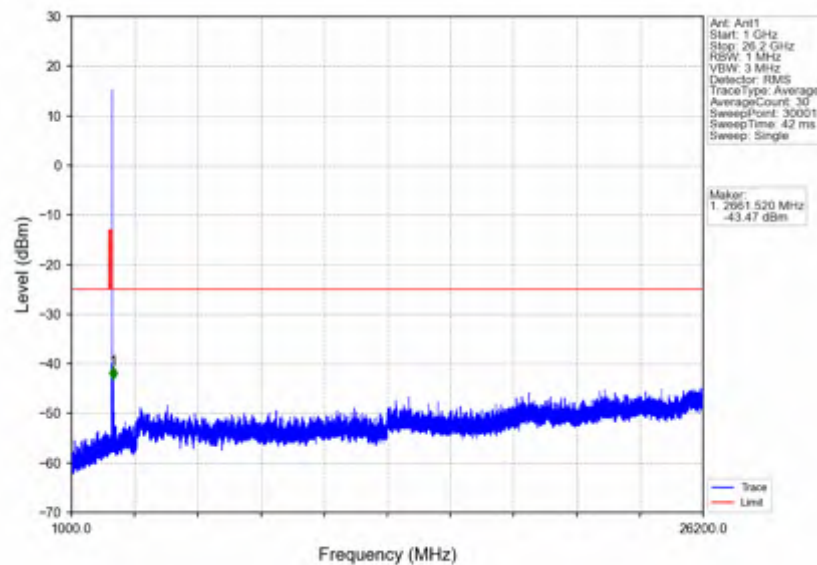
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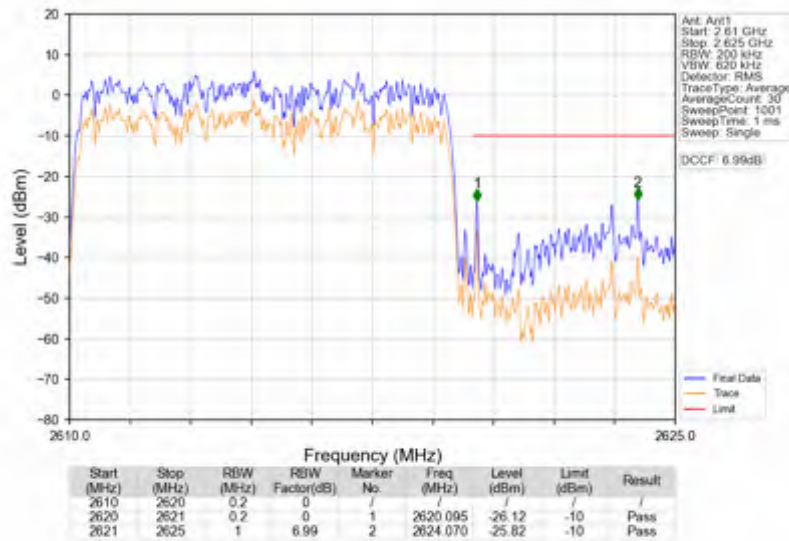


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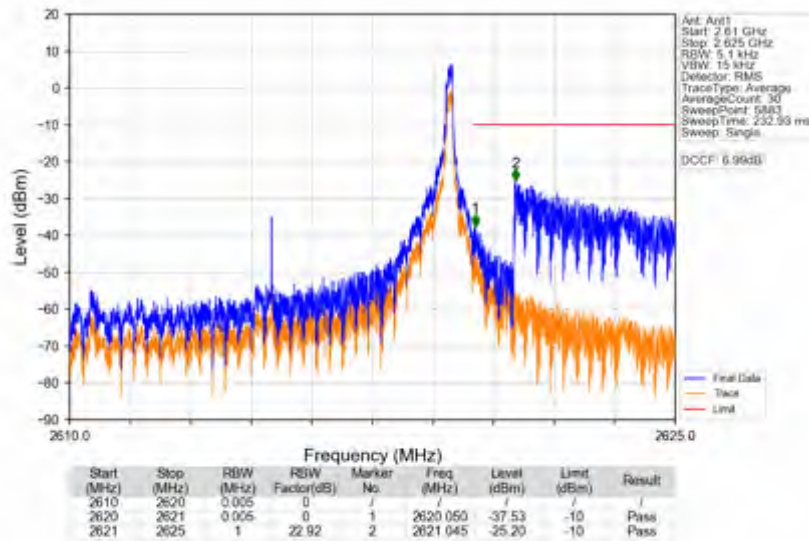
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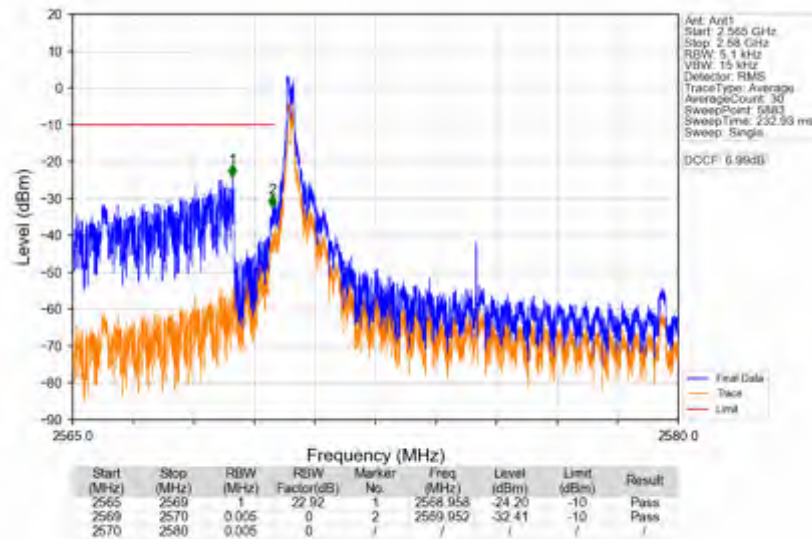


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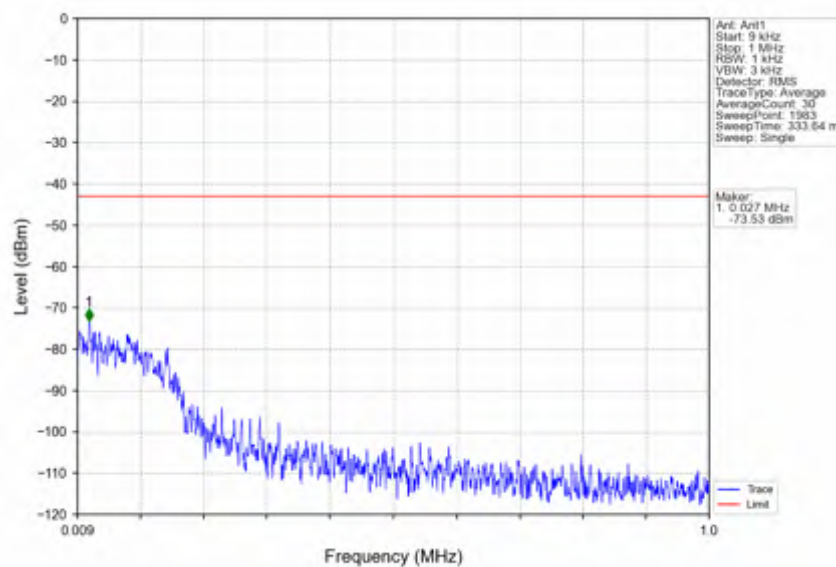
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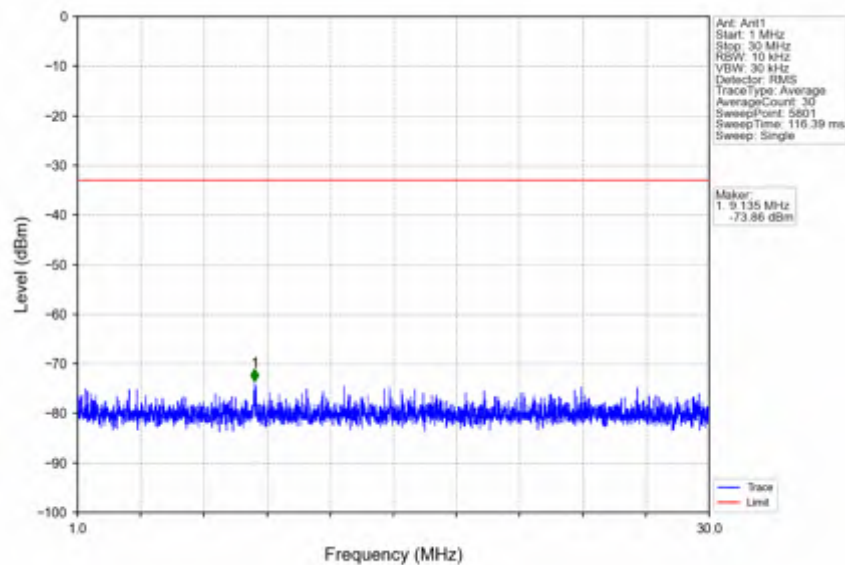
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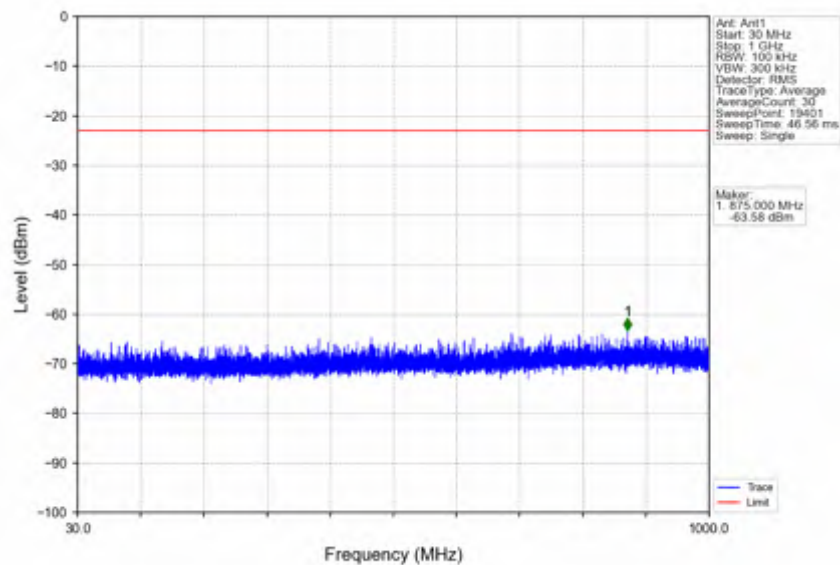
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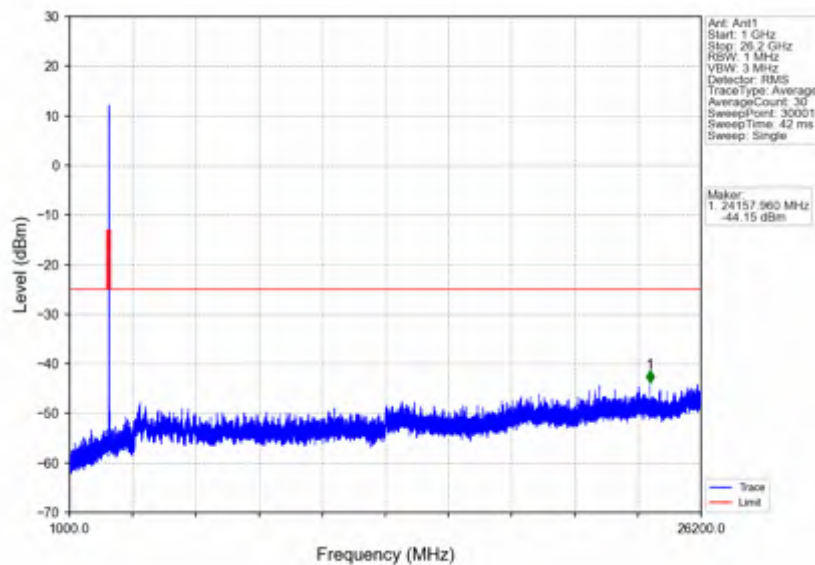


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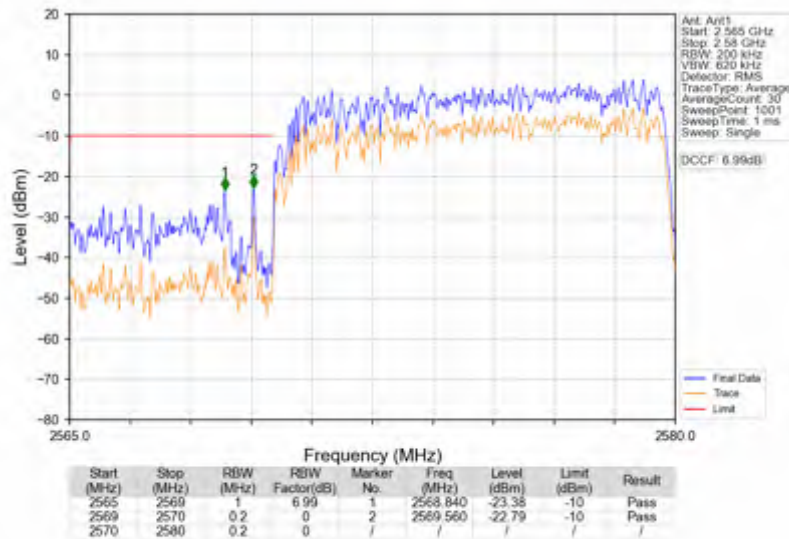
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n38_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2575MHz_Outer_Full



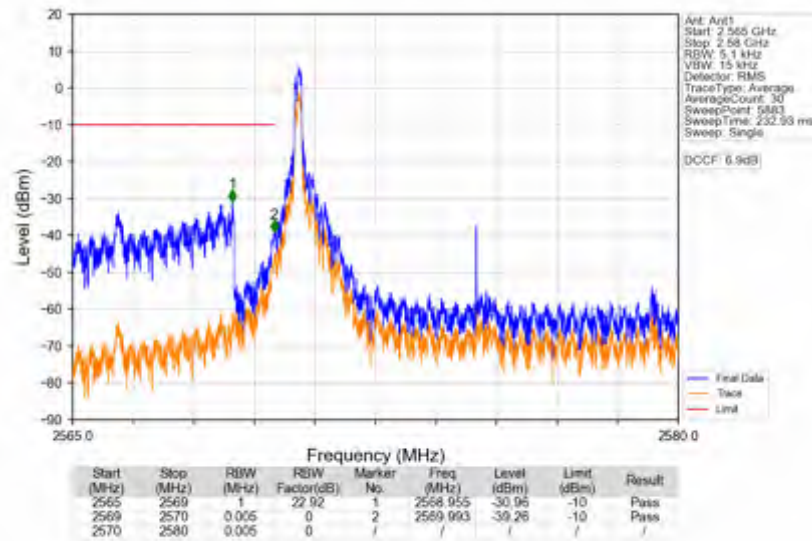
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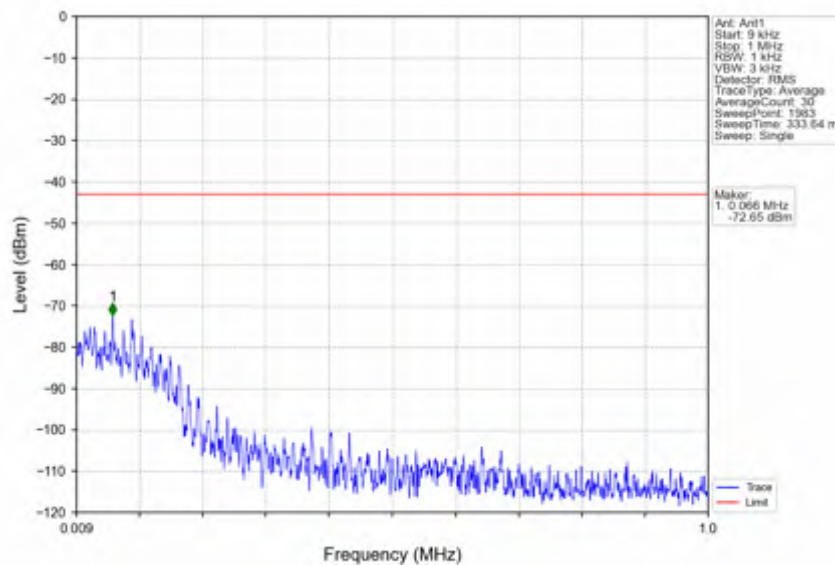
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n38_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2575MHz_Inner_1RB_Left



n38 15kHz SISO NTN 10MHz CP-OFDM QPSK 2595MHz Edge 1RB Left

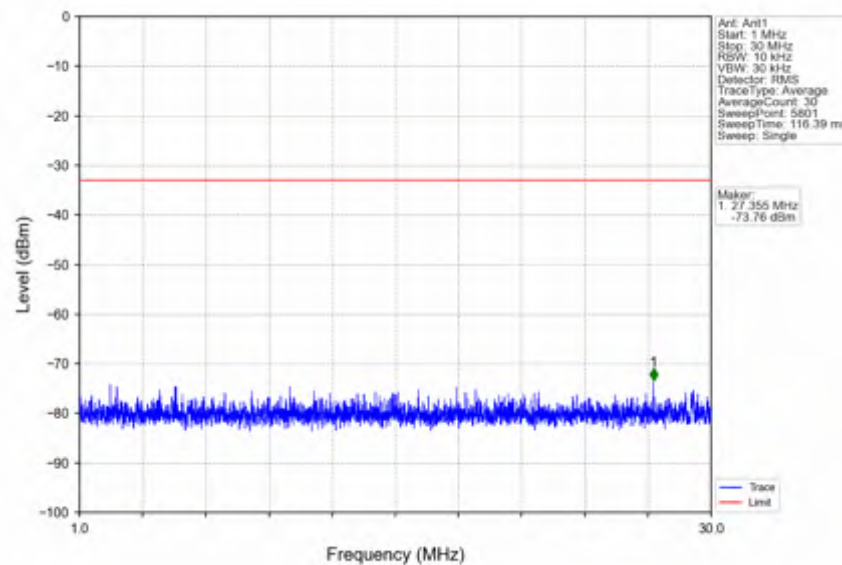


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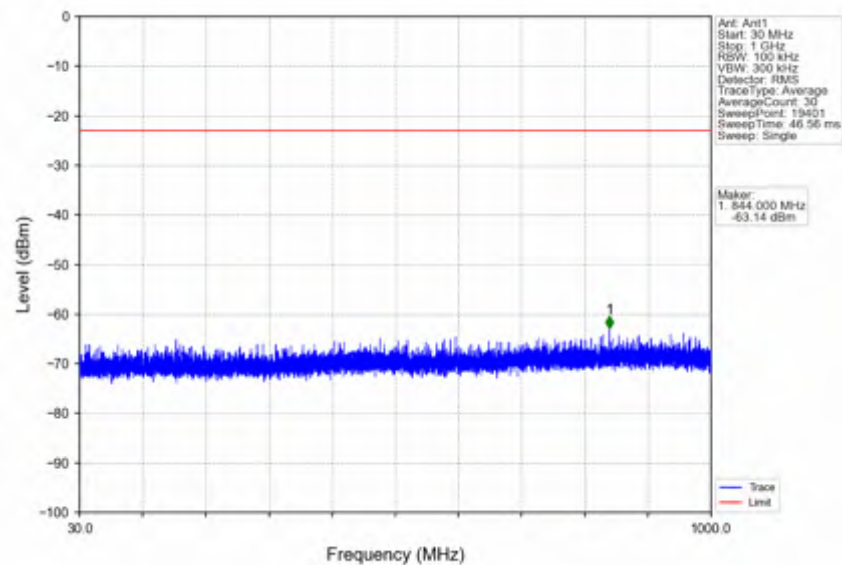
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n38_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2595MHz_Edge_1RB_Left



n38_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2595MHz_Edge_1RB_Left



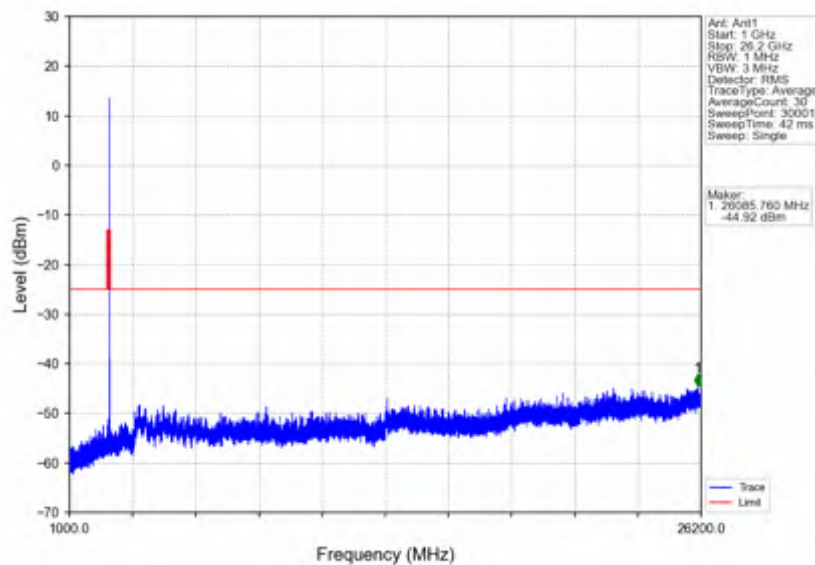
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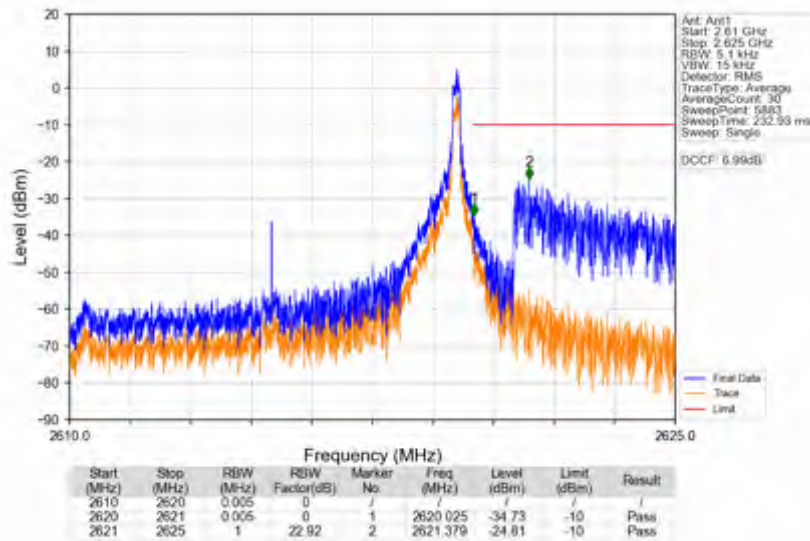
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n38_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2595MHz_Edge_1RB_Left



n38_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2615MHz_Edge_1RB_Right



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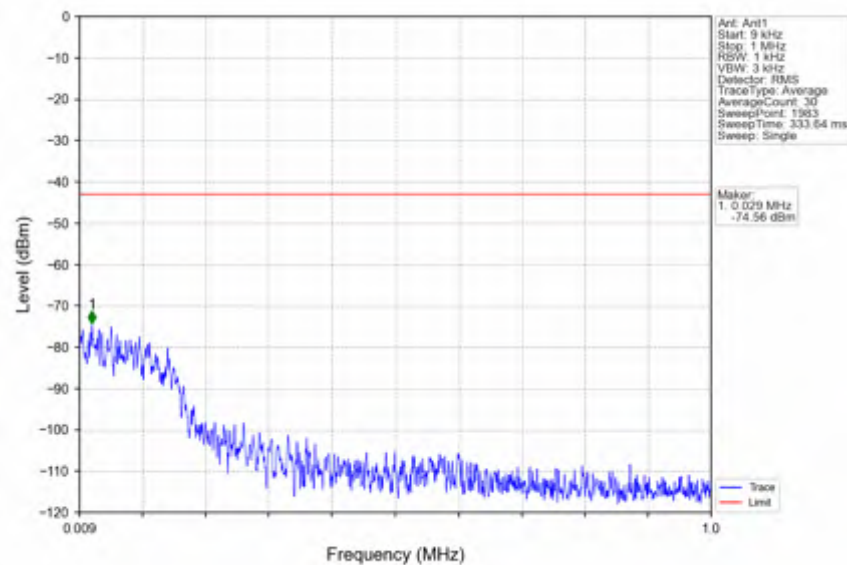
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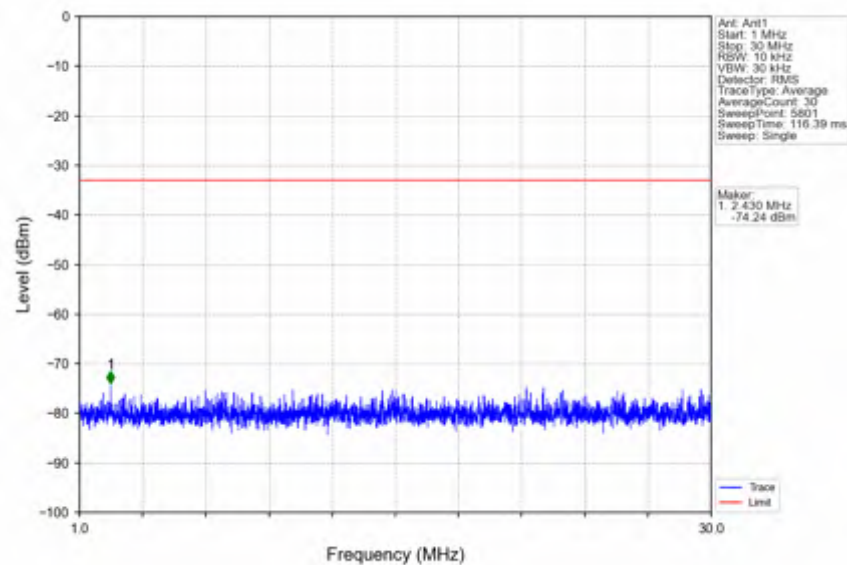
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n38_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2615MHz_Edge_1RB_Right



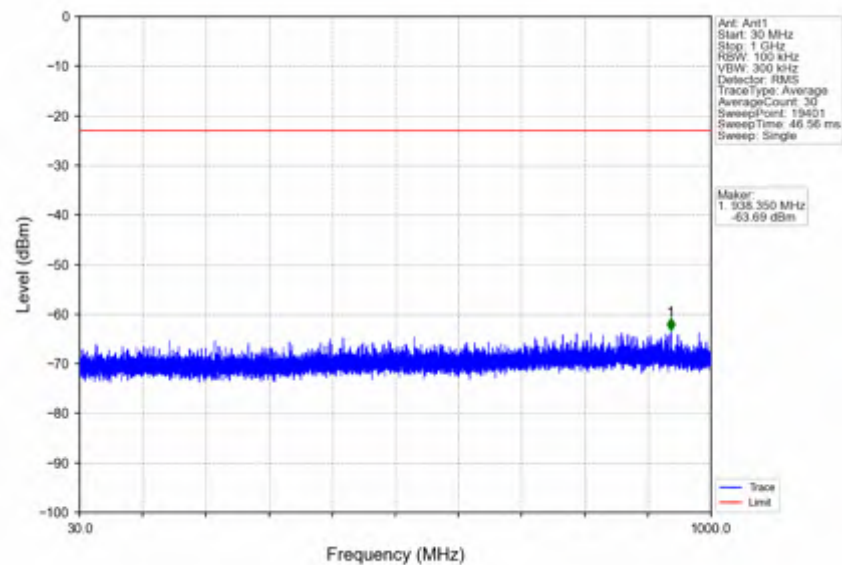
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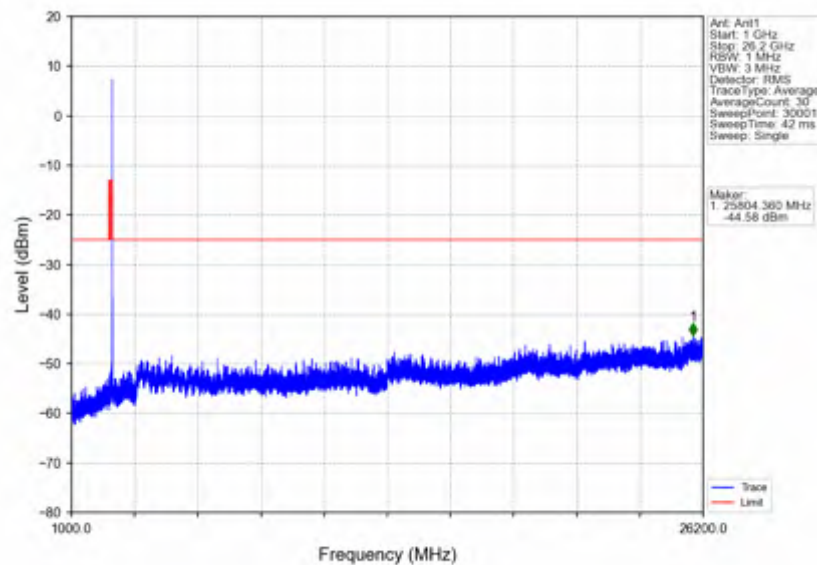
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n38_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2615MHz_Edge_1RB_Right



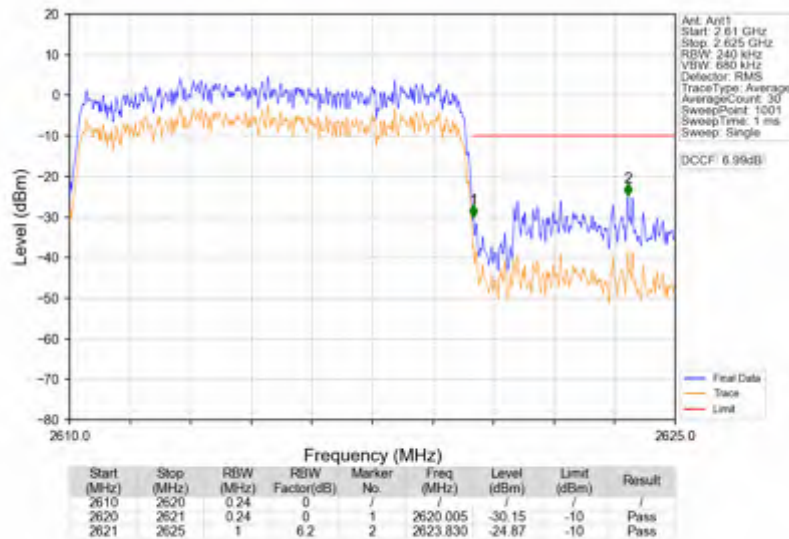
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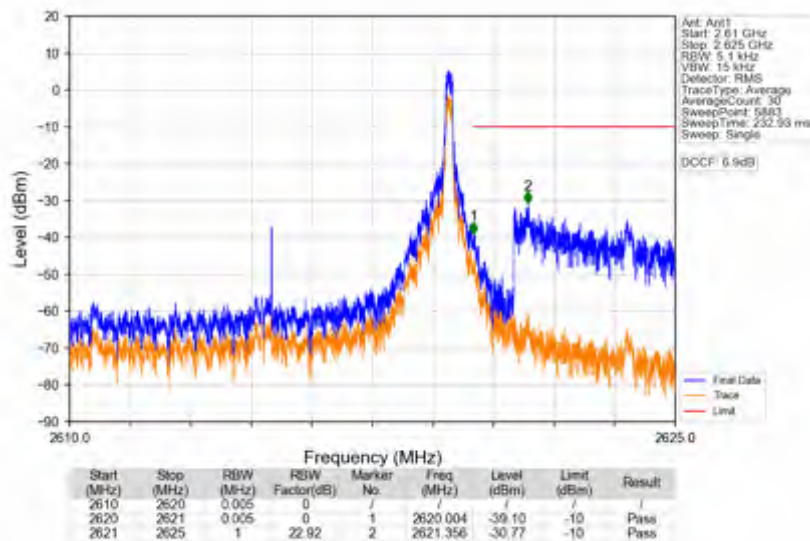
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n38_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2615MHz_Outer_Full



n38_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2615MHz_Inner_1RB_Right



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5.3 15k_SISO_15MHz_NTNV

5.3.1 Test Result

5G NR n38 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	2577.5	Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
	2595	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	2577.5	Inner 1RB Right	Refer To Test Graph			Pass
		Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
	2595	Inner 1RB Left	Refer To Test Graph			Pass
		Edge 1RB Left	Refer To Test Graph			Pass
		Edge 1RB Right	Refer To Test Graph			Pass
CP-OFDM QPSK	2577.5	Outer Full	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
		Edge 1RB Left	Refer To Test Graph			Pass
	2595	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	2577.5	Inner 1RB Right	Refer To Test Graph			Pass
		Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
	2595	Inner 1RB Left	Refer To Test Graph			Pass
		Edge 1RB Left	Refer To Test Graph			Pass
		Edge 1RB Right	Refer To Test Graph			Pass



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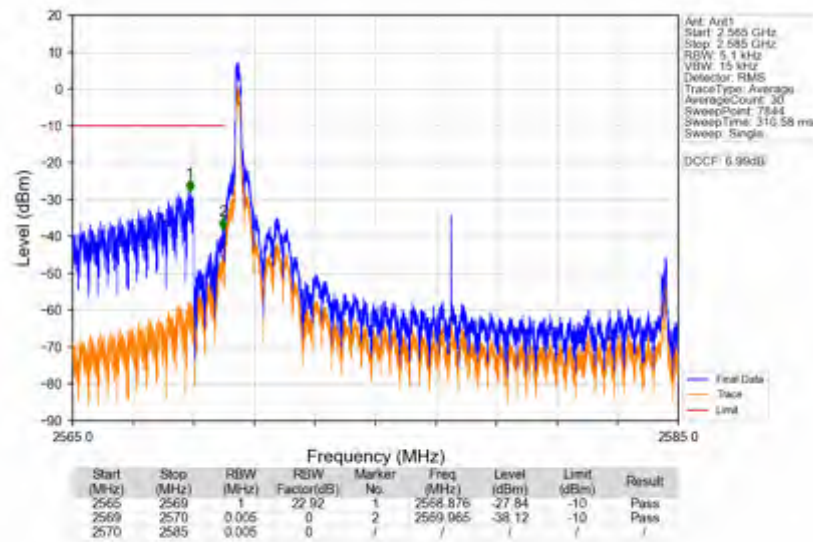
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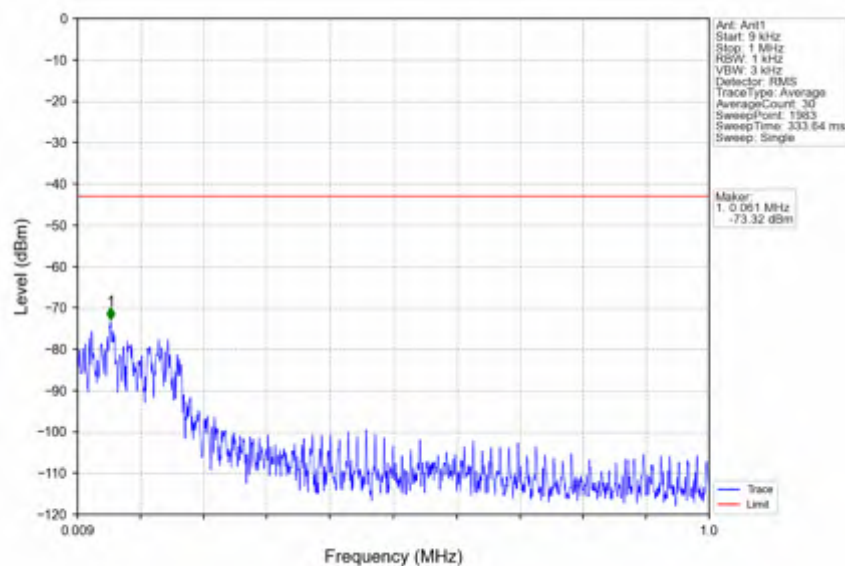
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5.3.2 Test Graph

n38_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_2577.5MHz_Edge_1RB_Left



n38_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_2577.5MHz_Edge_1RB_Left



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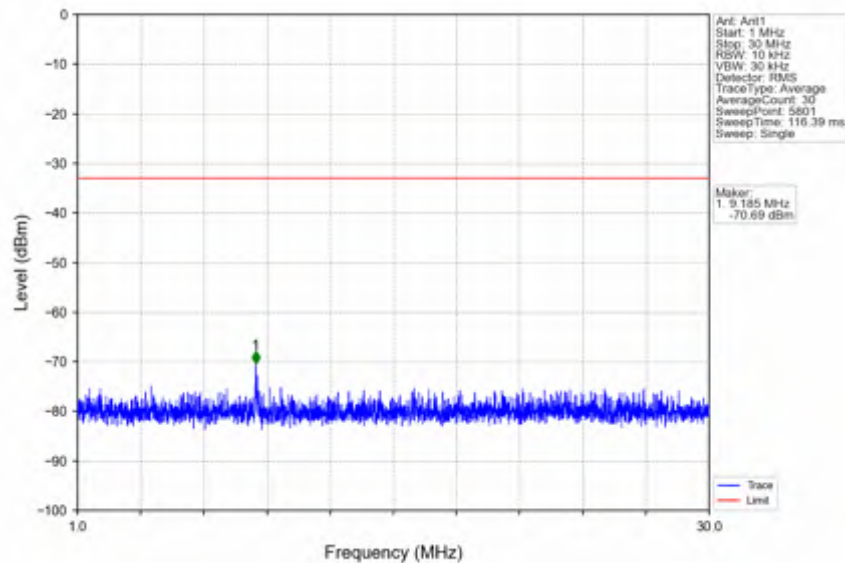
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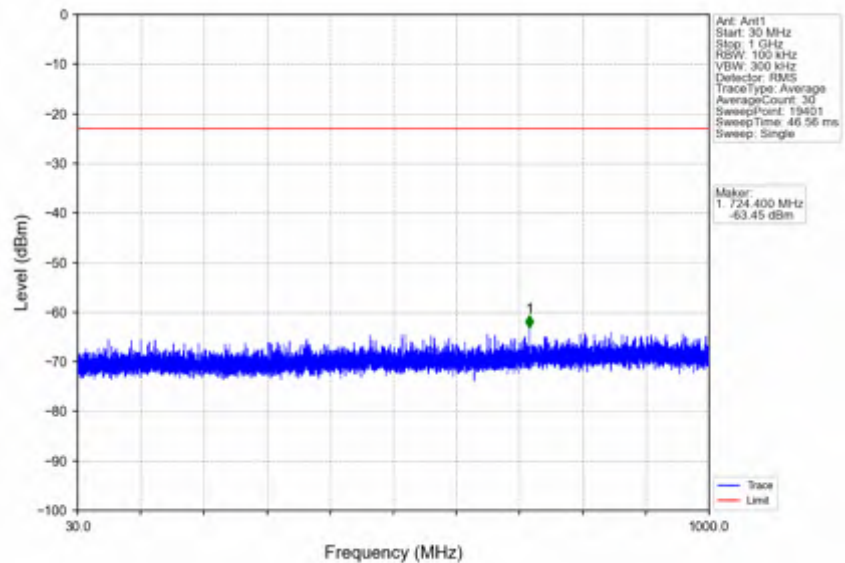
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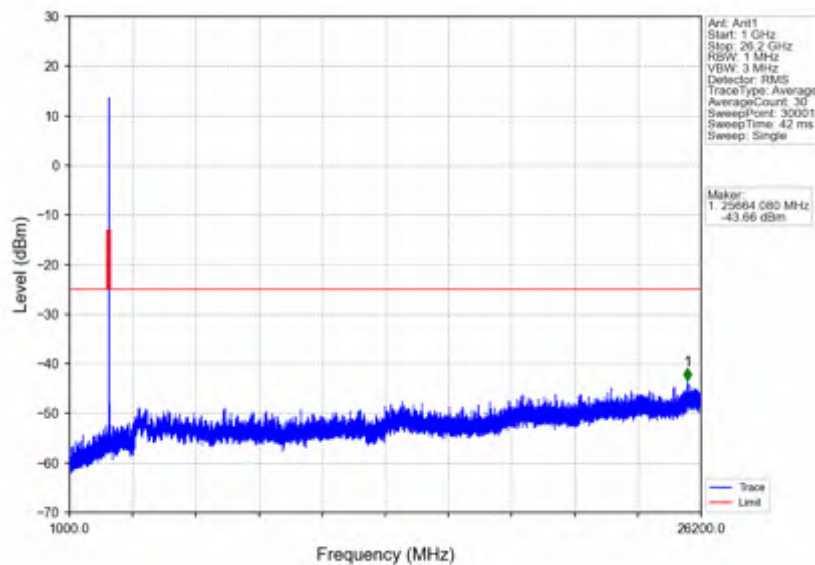
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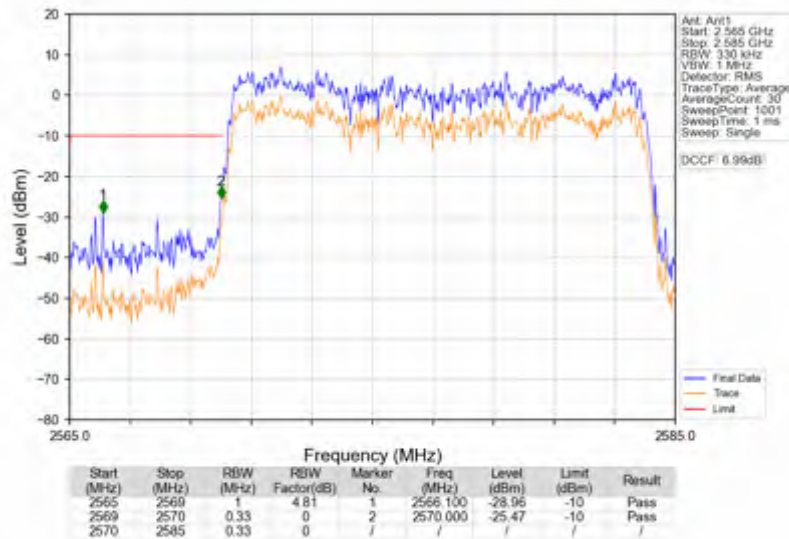
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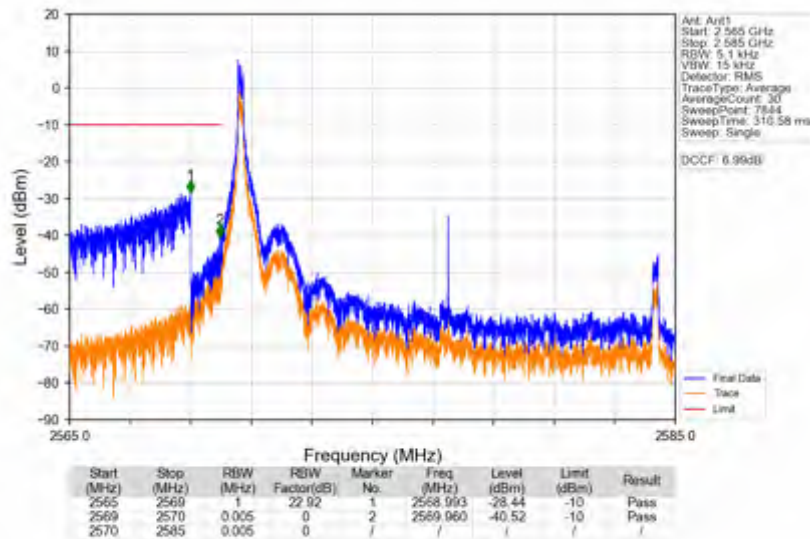
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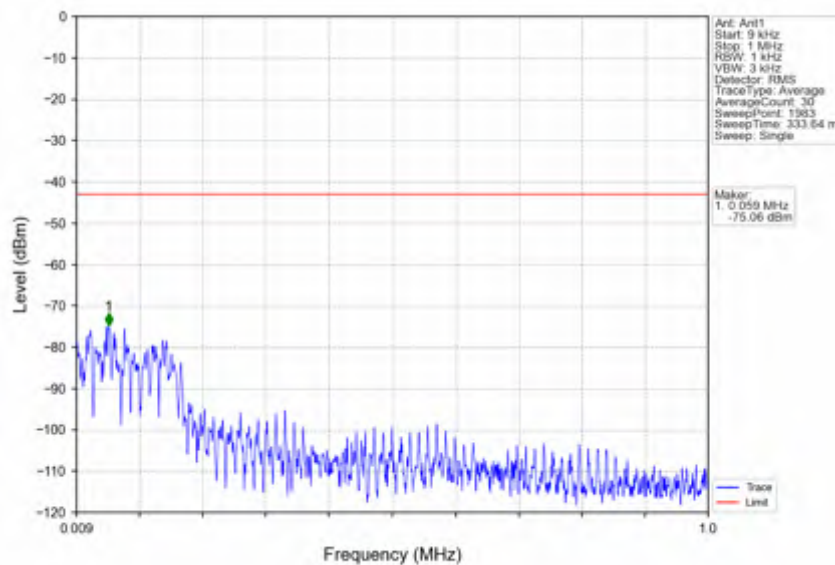
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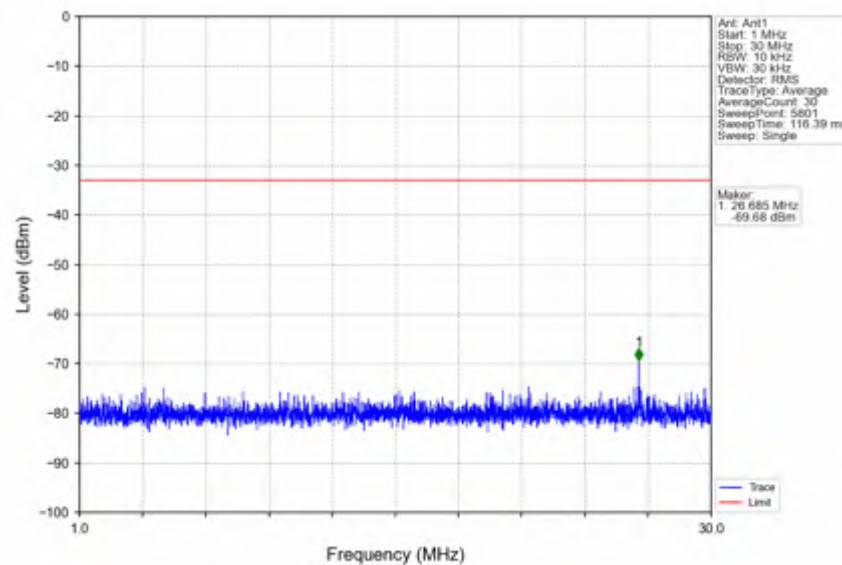


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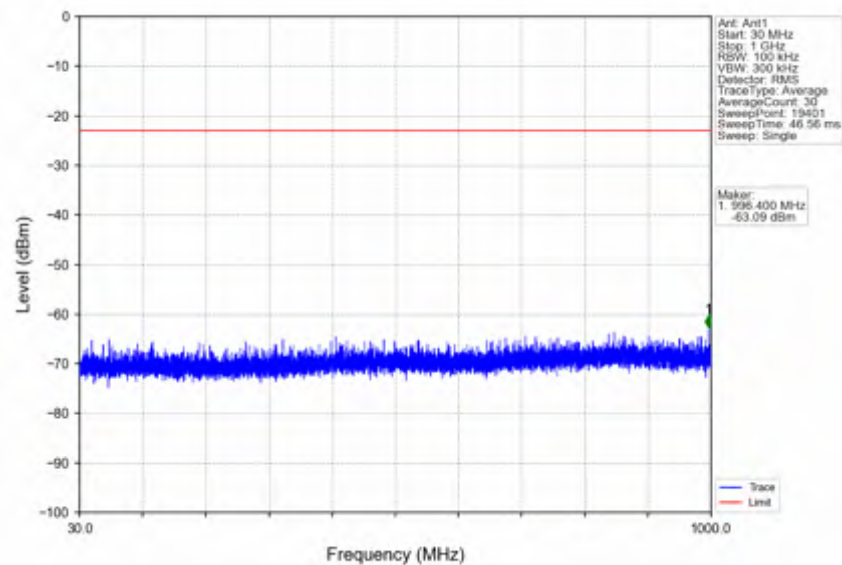
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n38_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_2595MHz_Edge_1RB_Left



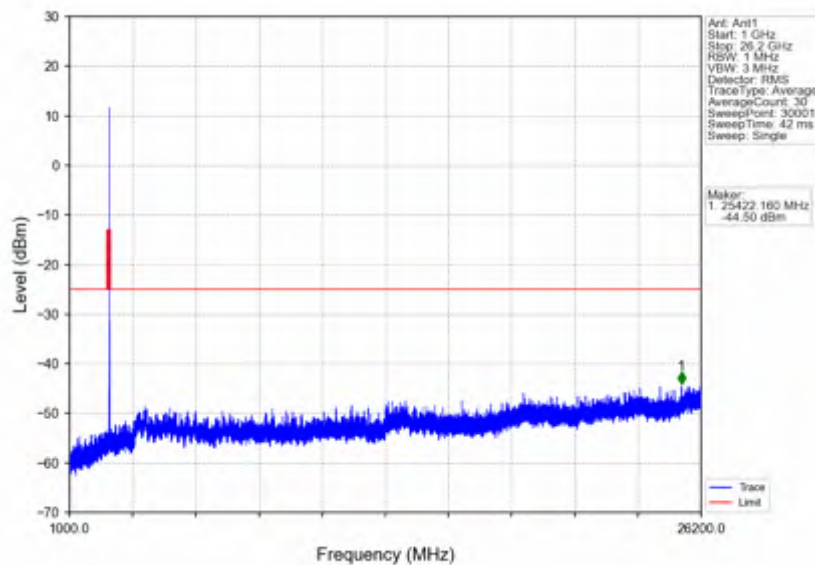
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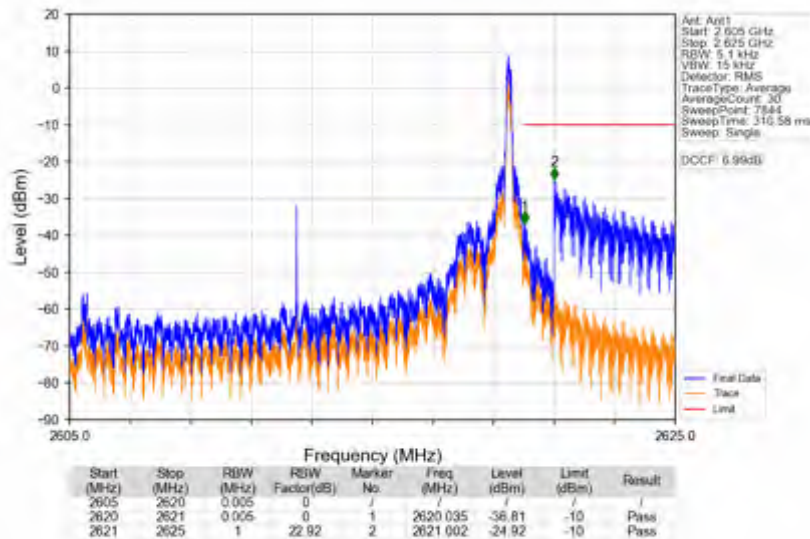
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n38_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_2612.5MHz_Edge_1RB_Right



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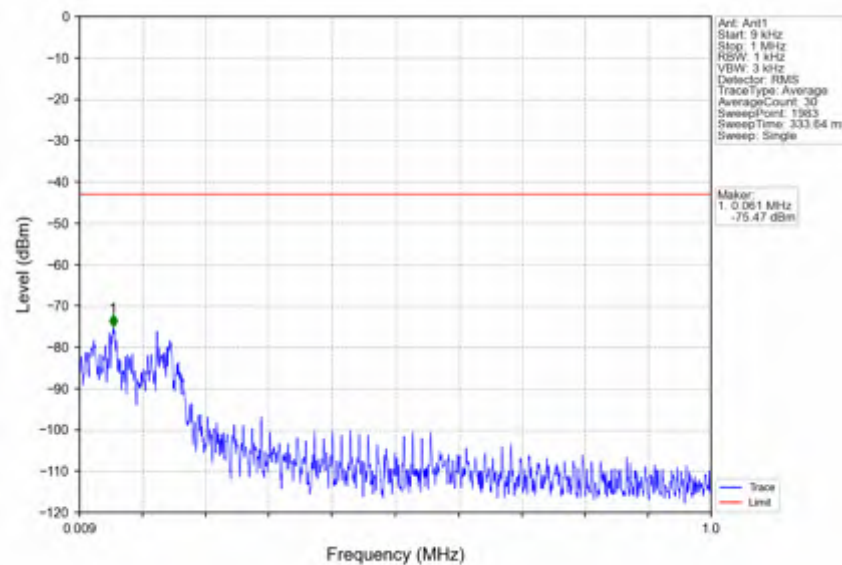
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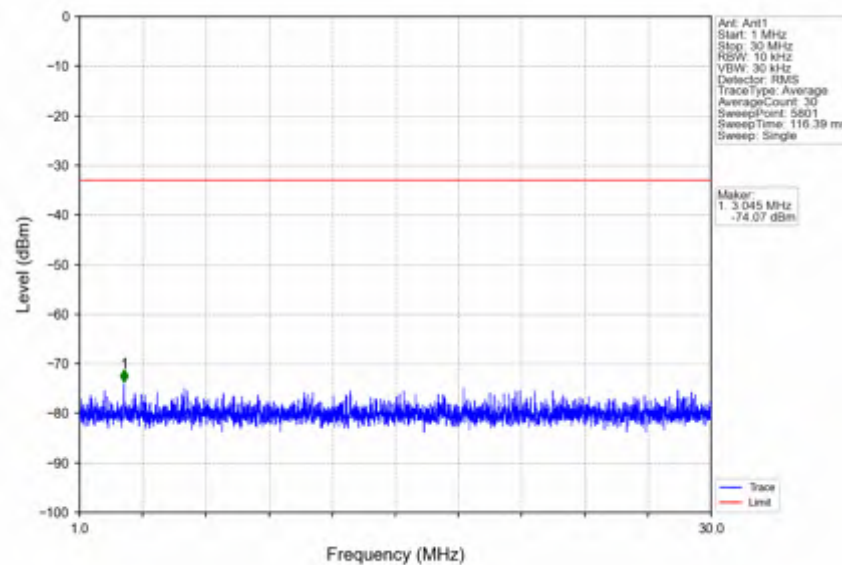
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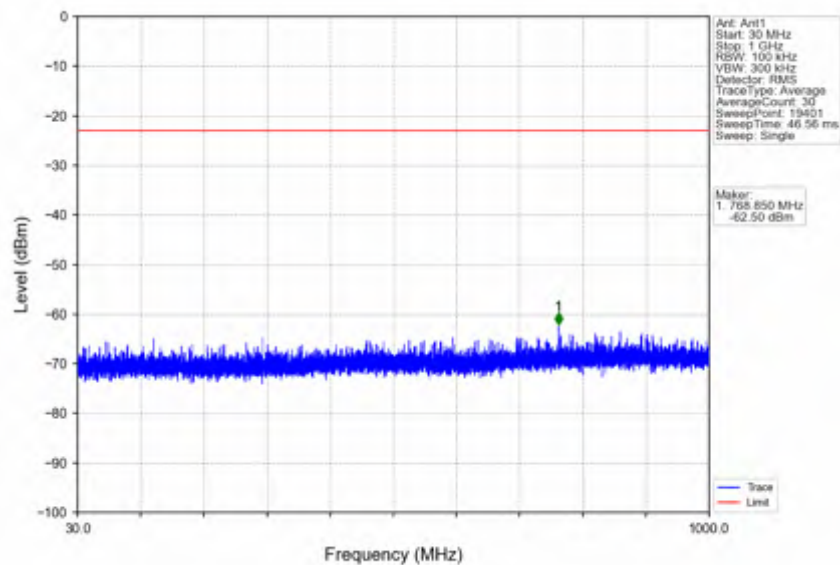
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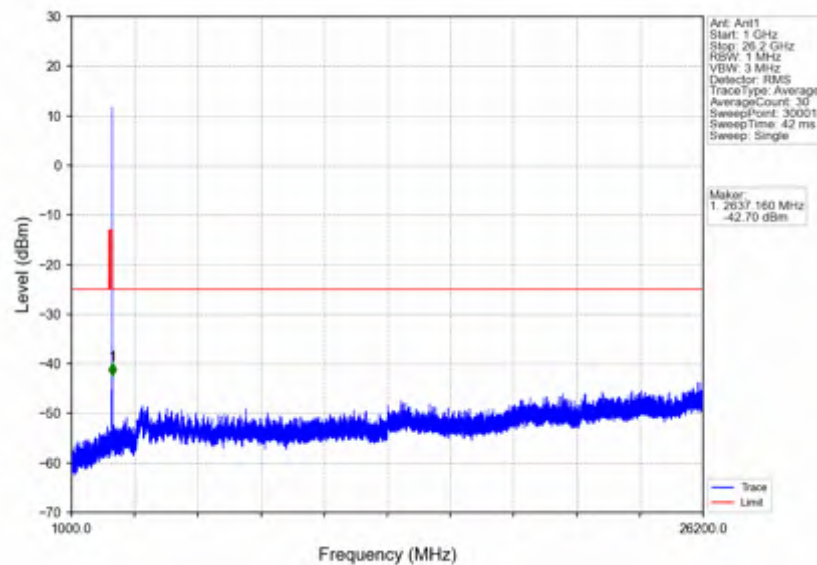
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n38	15kHz	SISO	NTNV	15MHz	DFT-s-OFDM	PI/2	BPSK	2612.5MHz	Edge	1RB	Right
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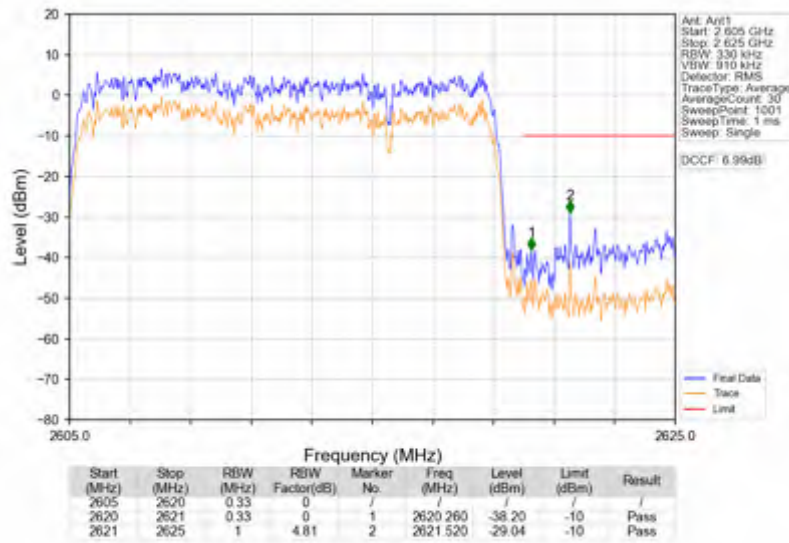


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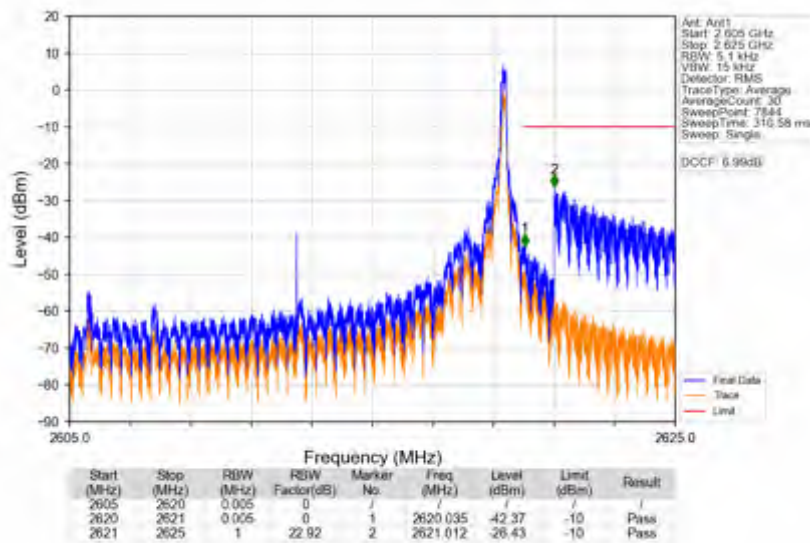
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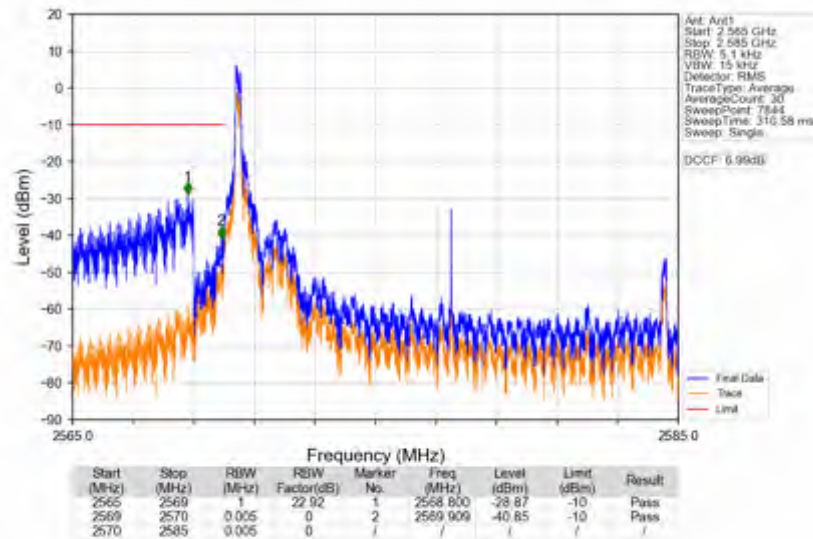


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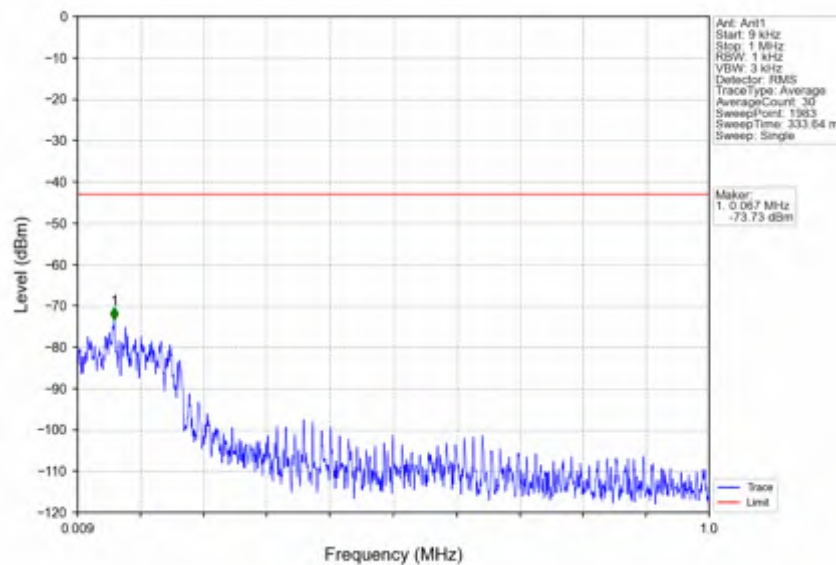
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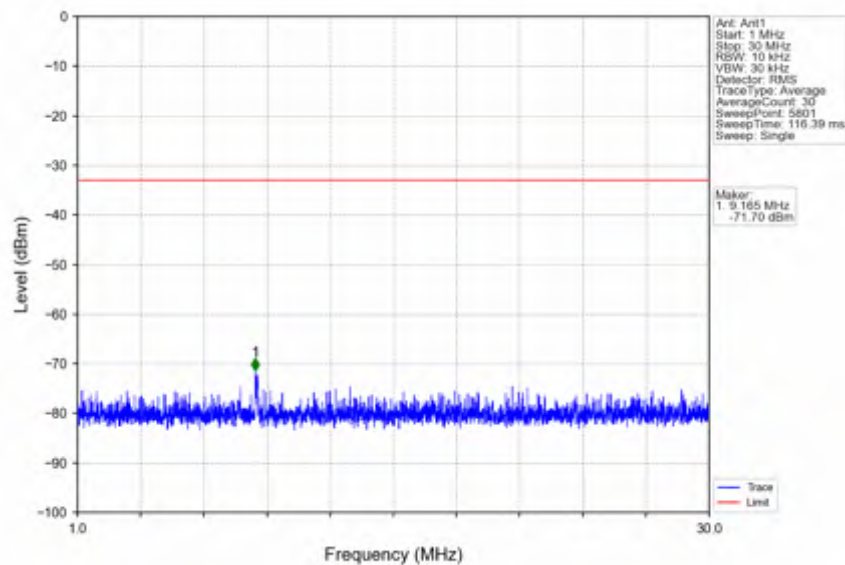


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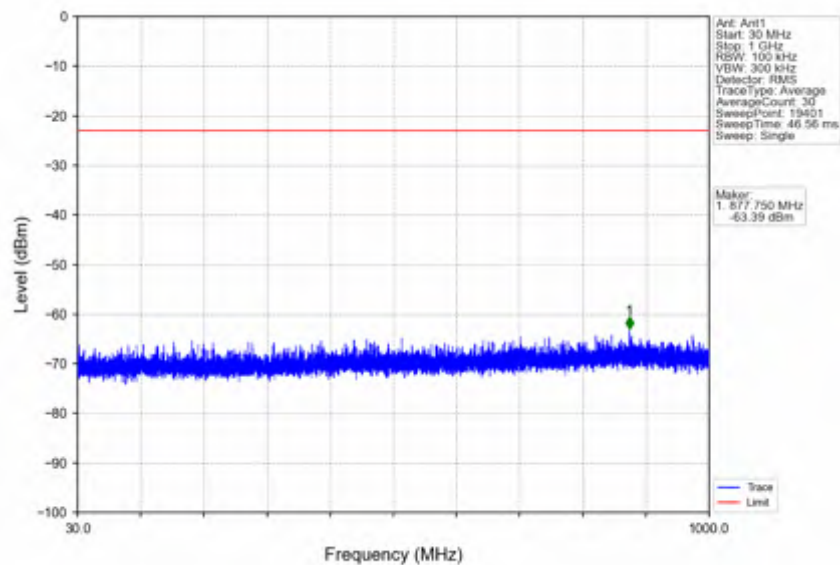
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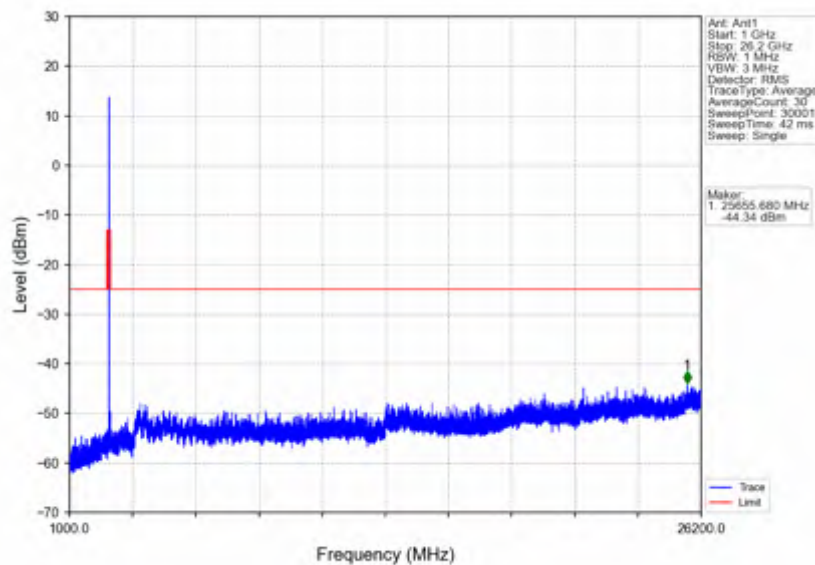
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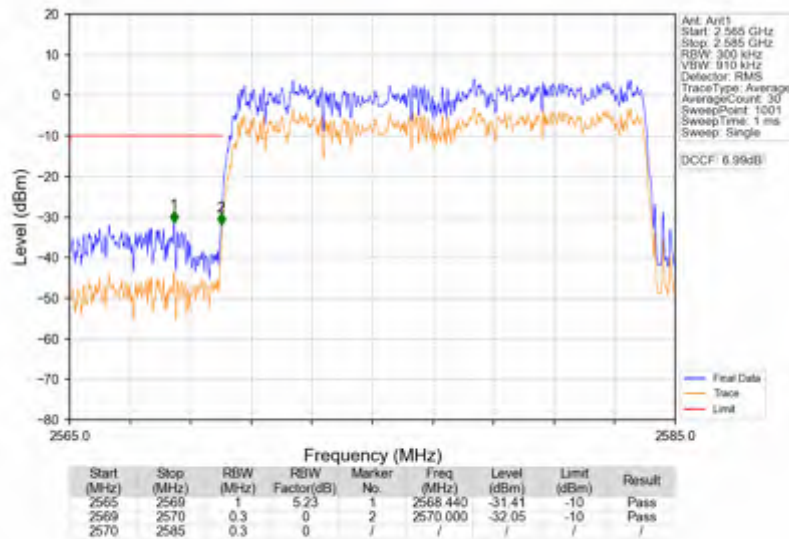
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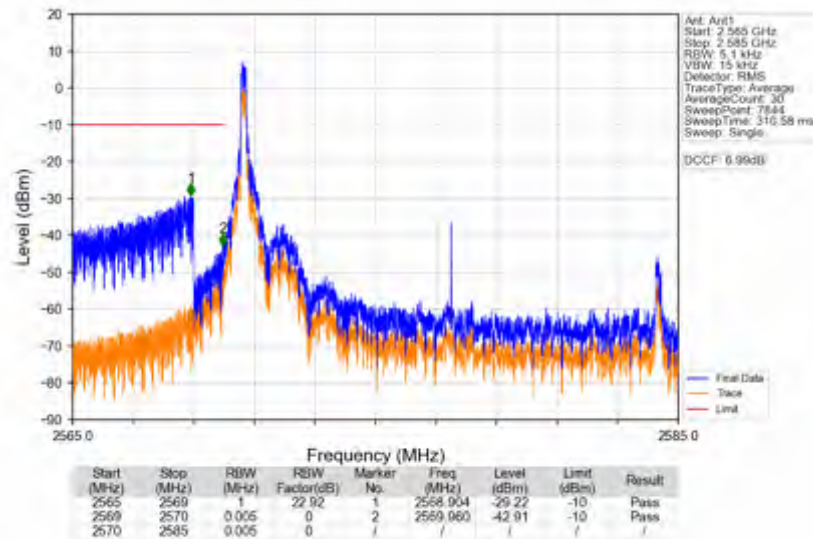
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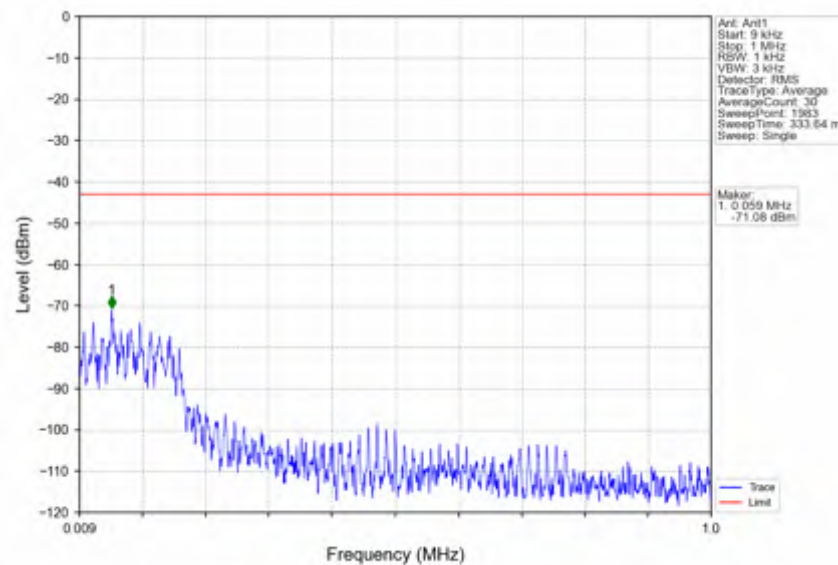
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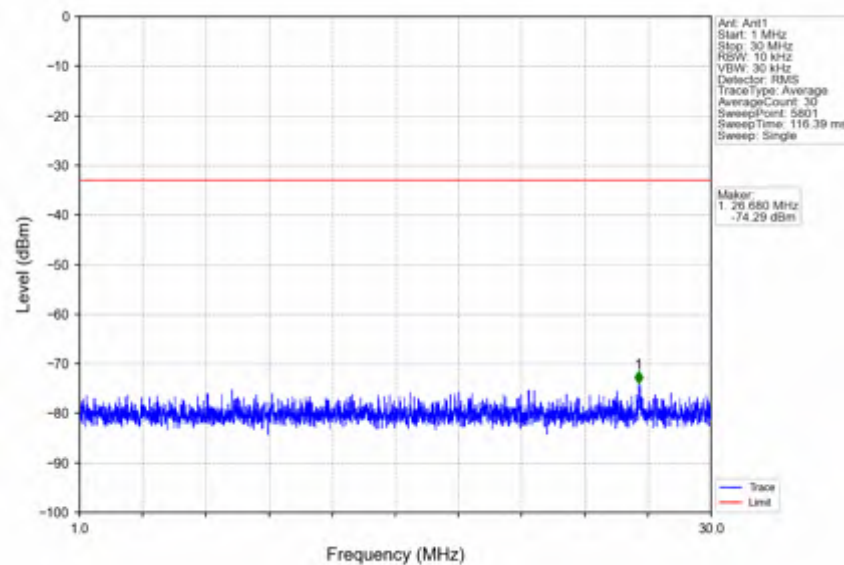


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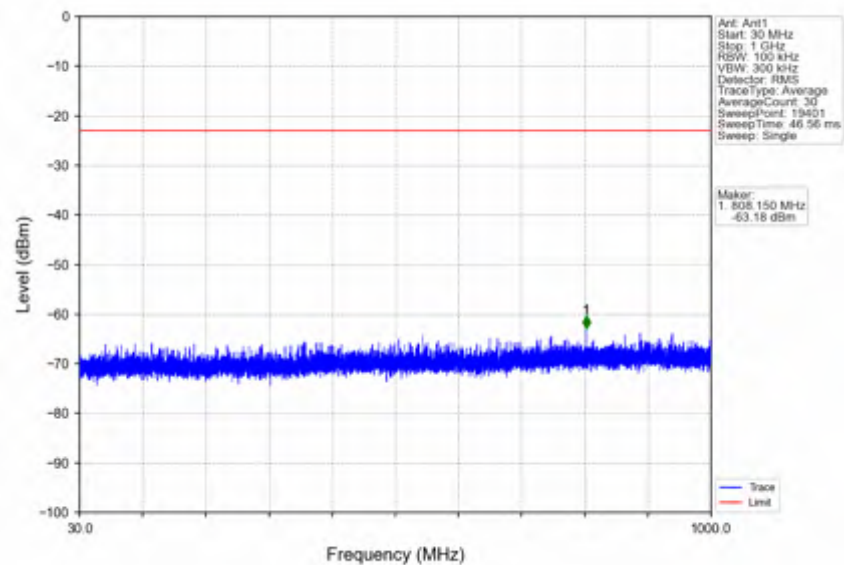
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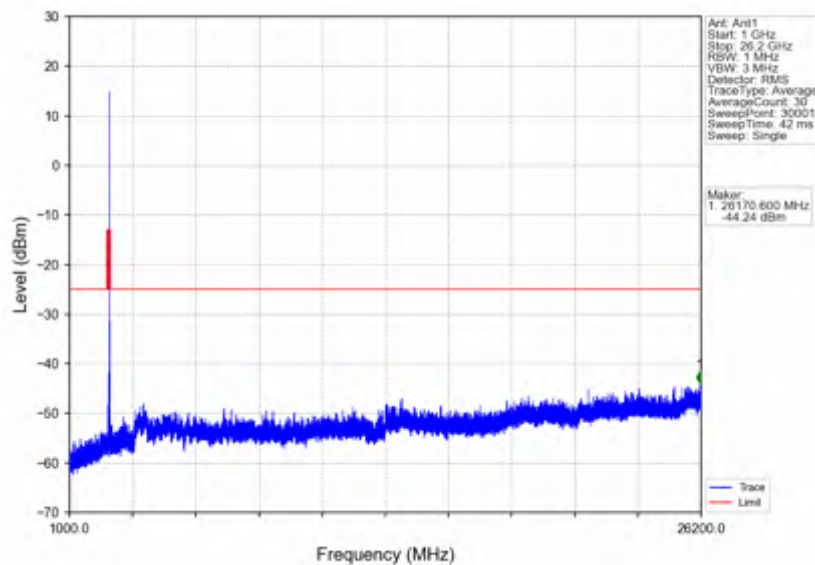
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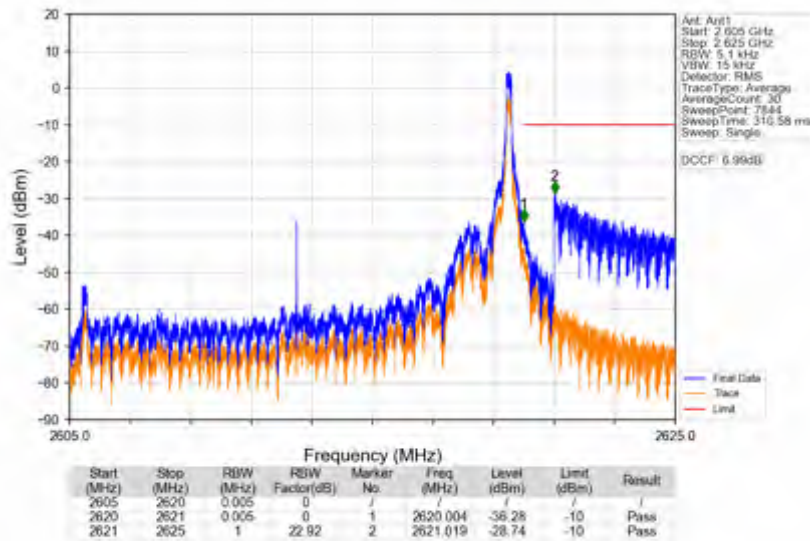
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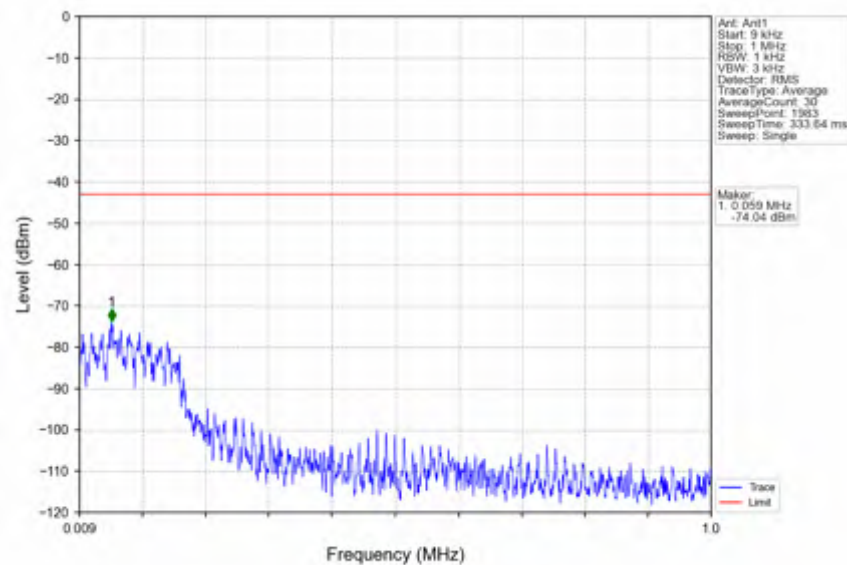


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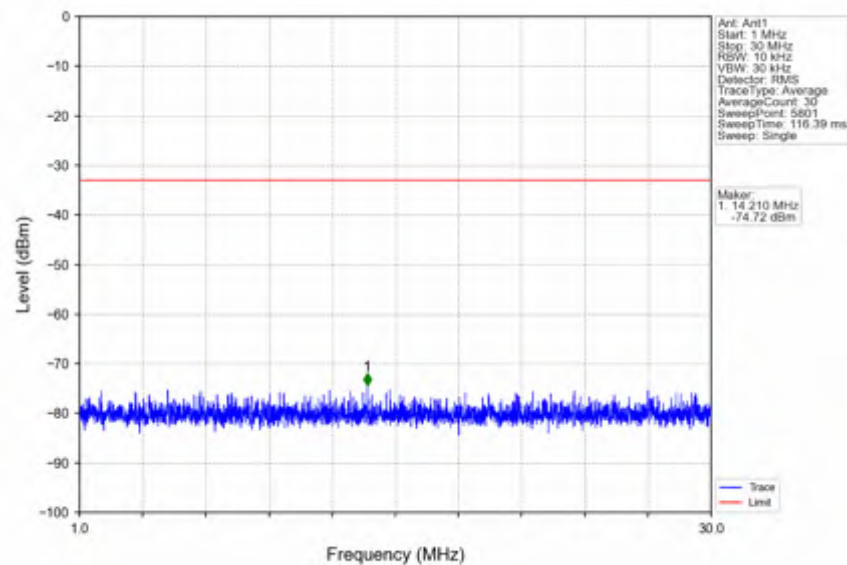
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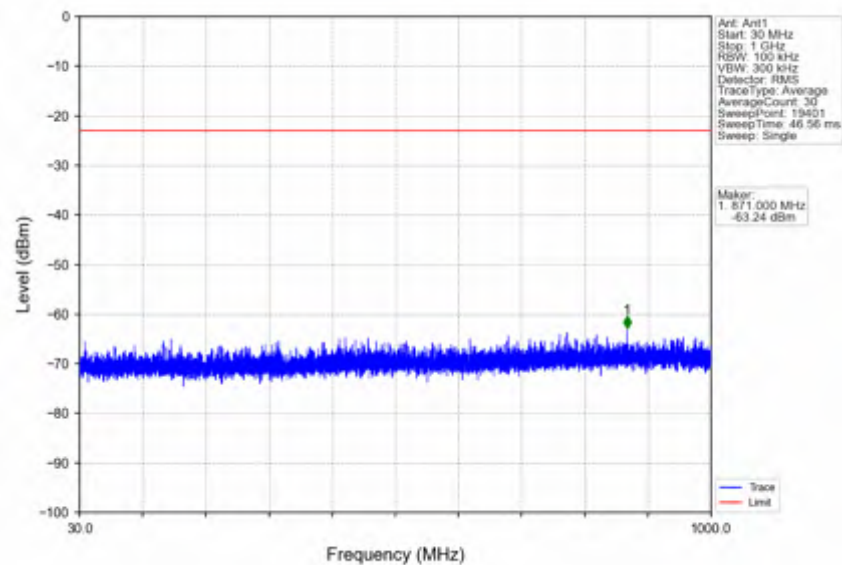
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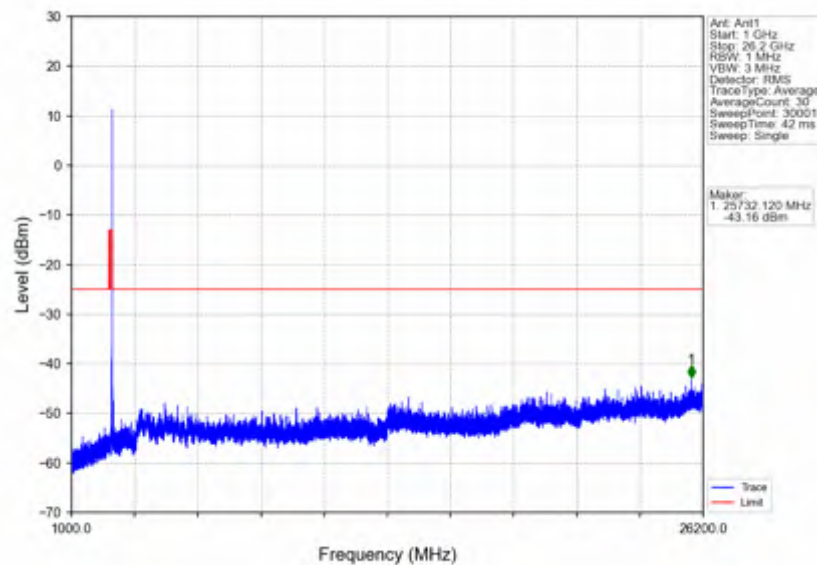
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n38_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_2612.5MHz_Edge_1RB_Right



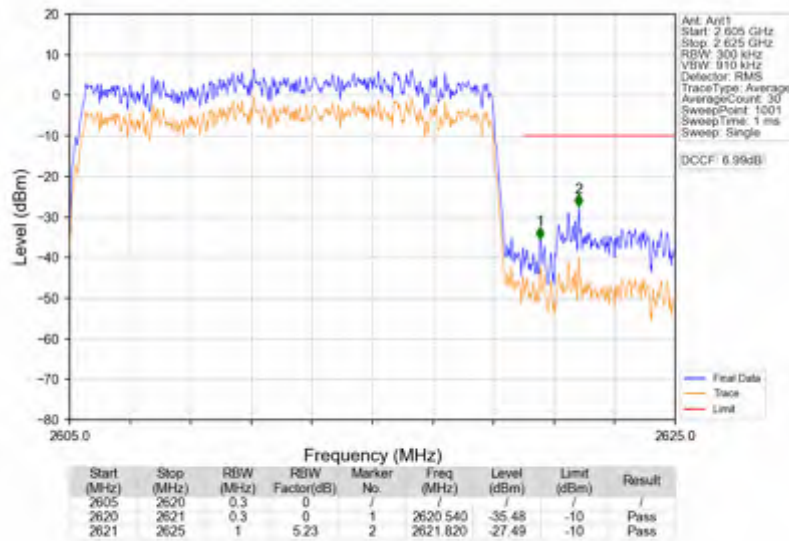
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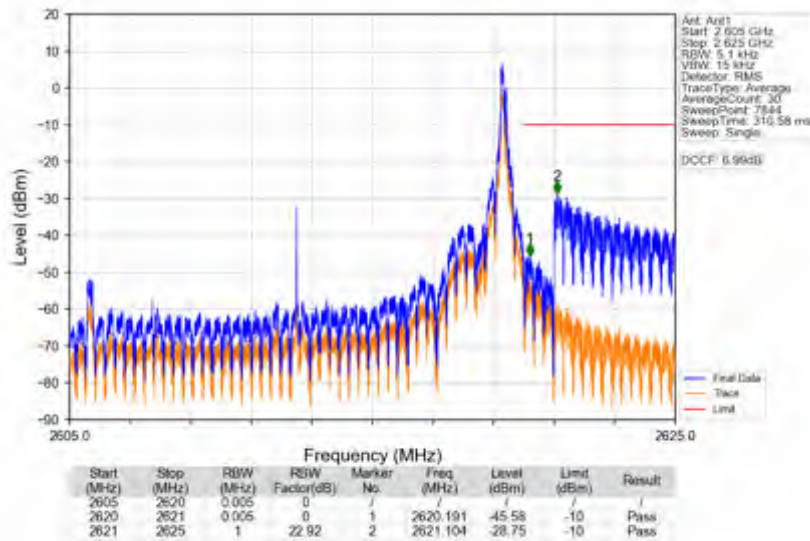
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n38_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_2612.5MHz_Outer_Full



n38_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_2612.5MHz_Inner_1RB_Right



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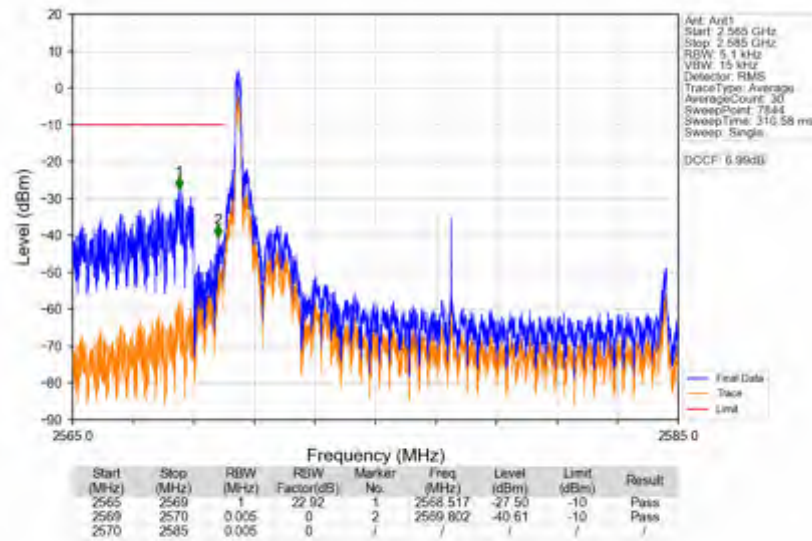
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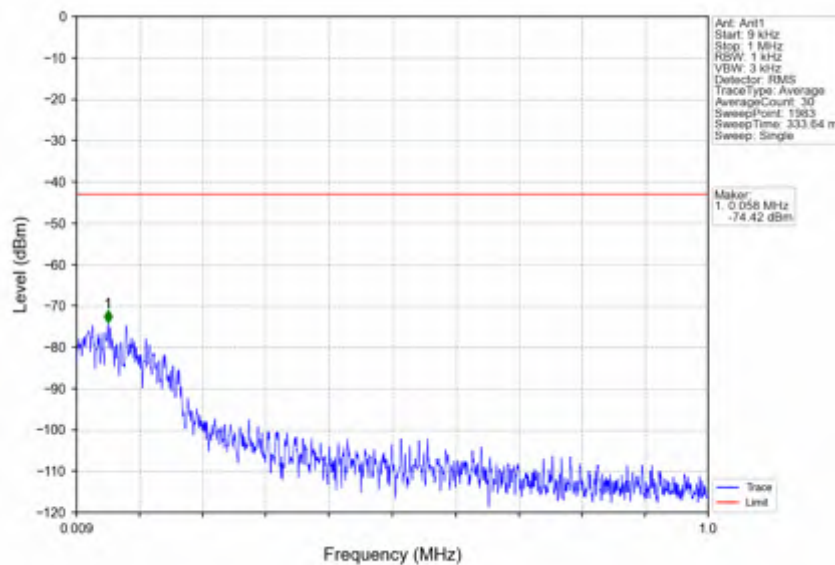
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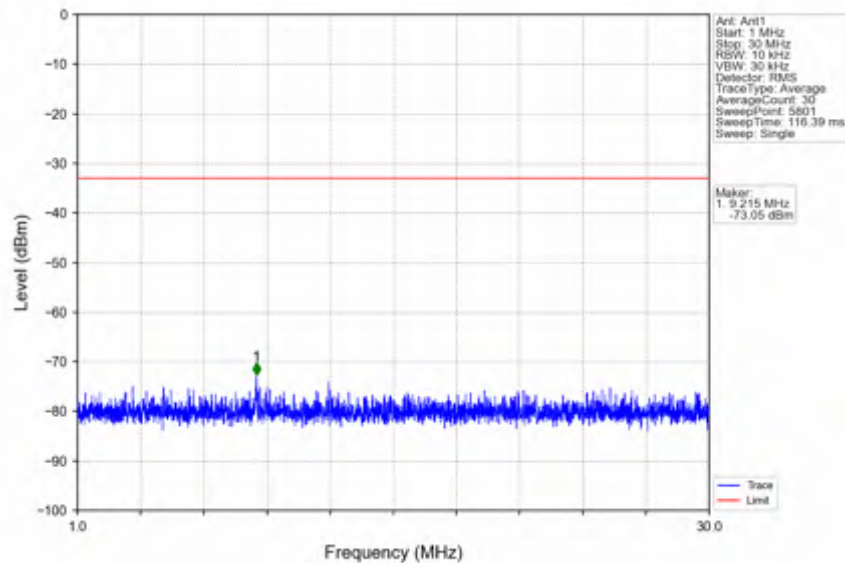


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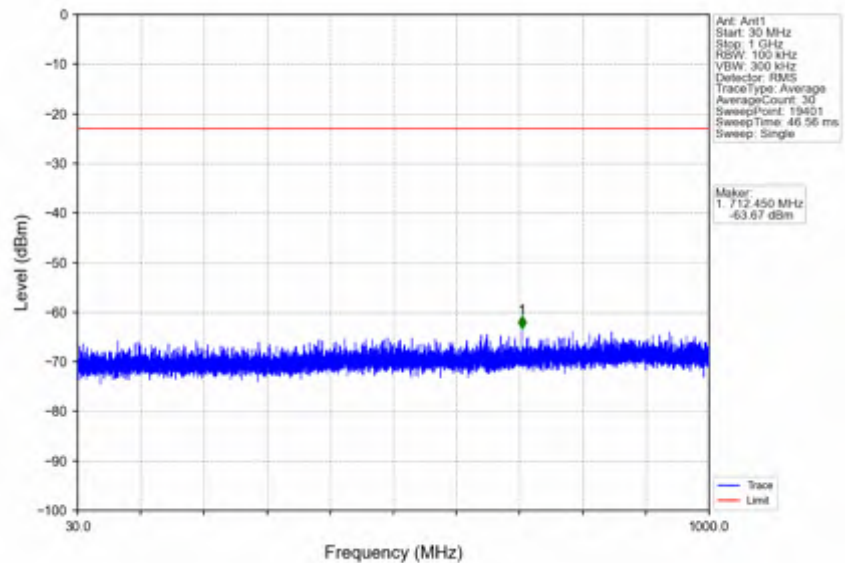
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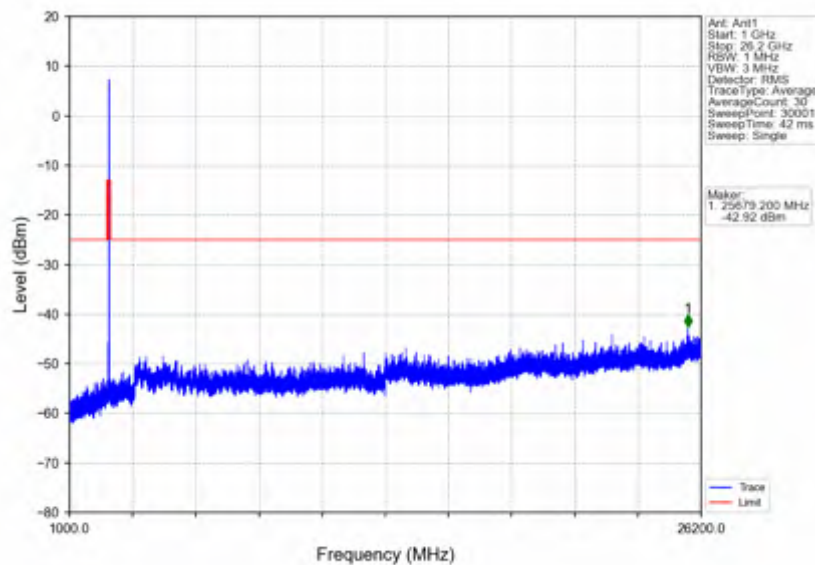
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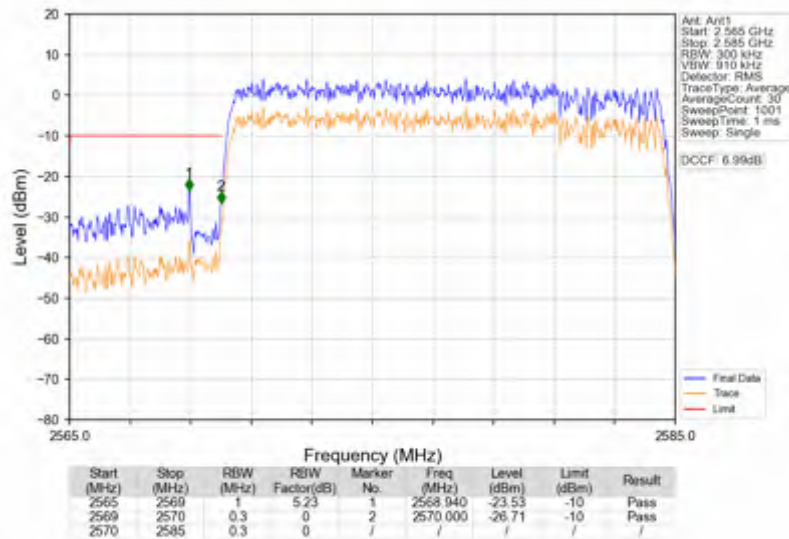
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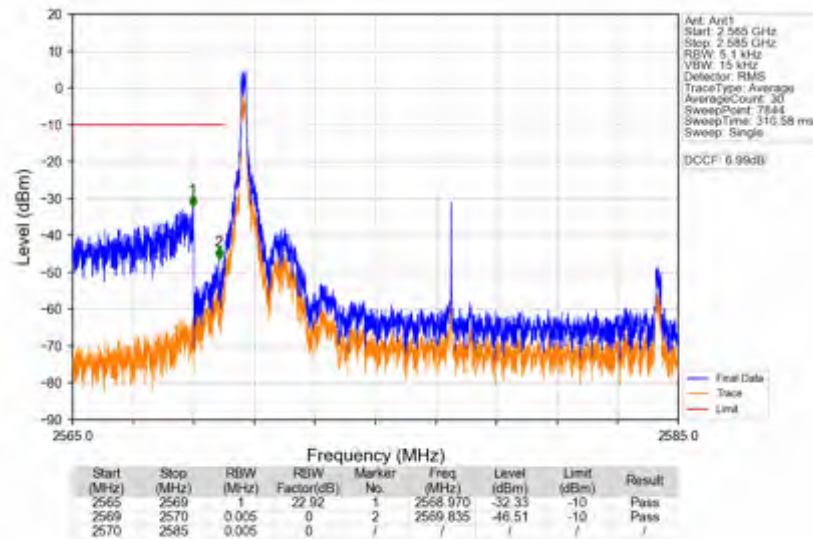
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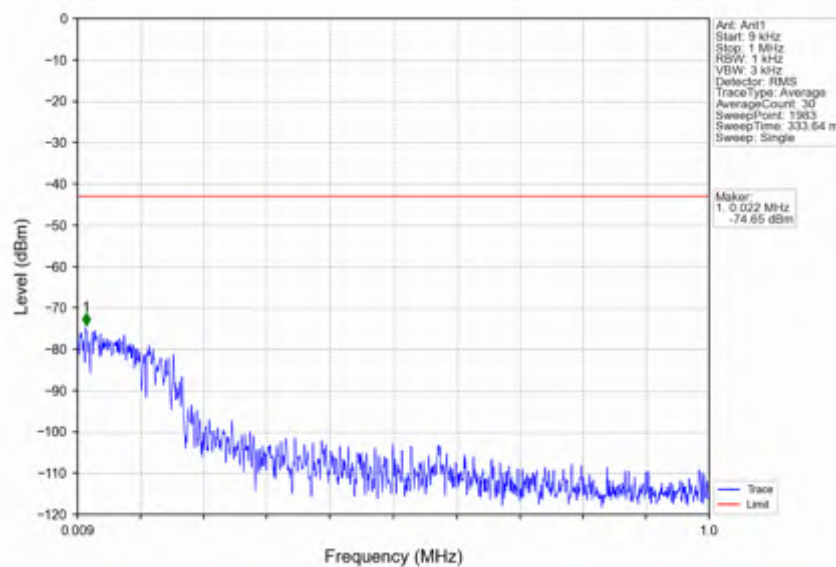
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n38 15kHz SISO NTN 15MHz CP-OFDM QPSK 2595MHz Edge 1RB Left

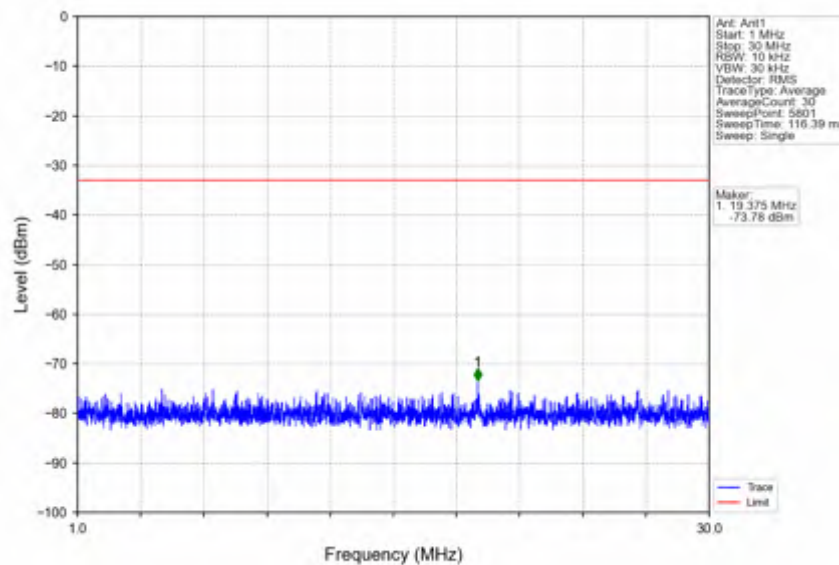


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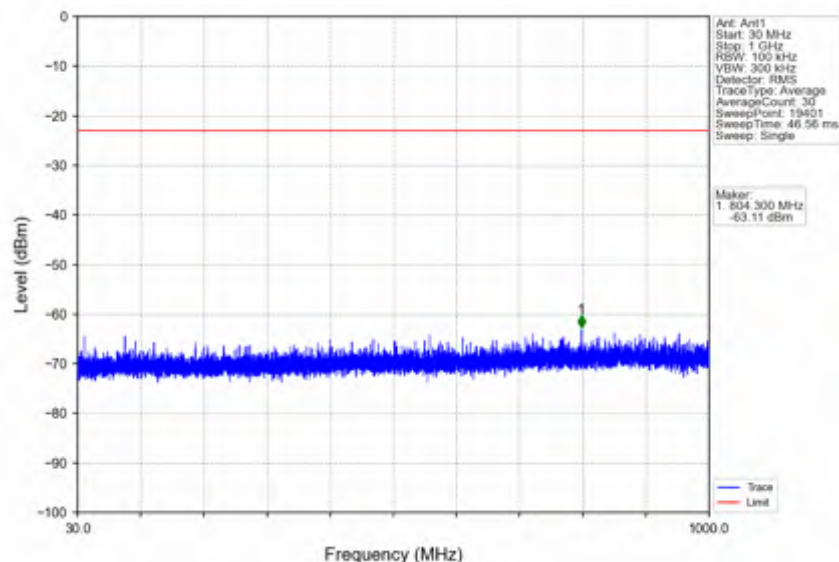
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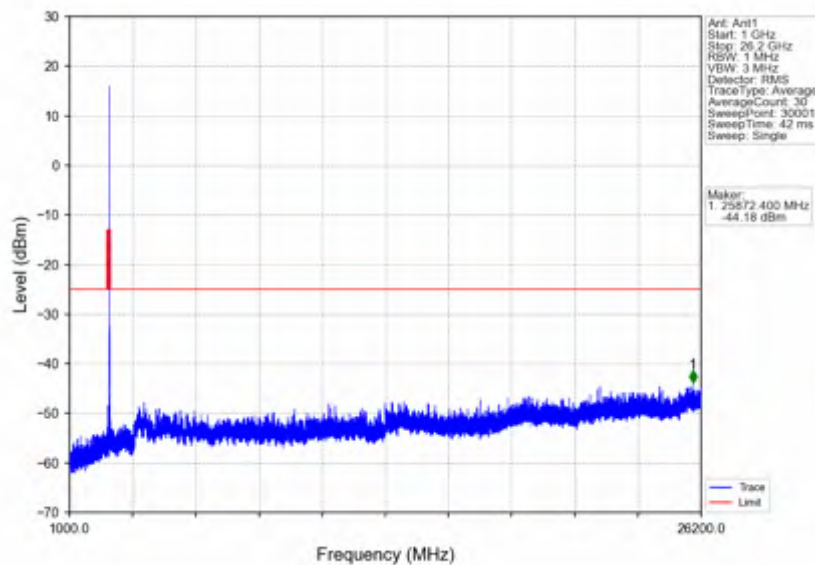
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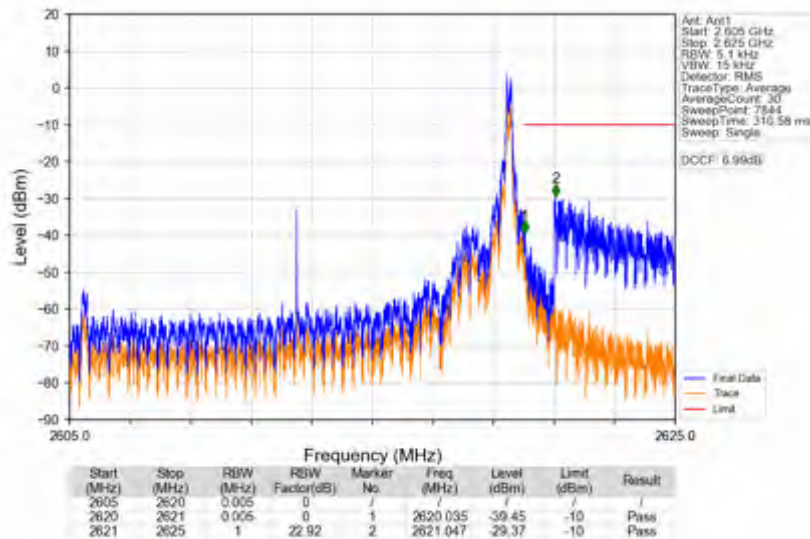
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n38_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_2612.5MHz_Edge_1RB_Right



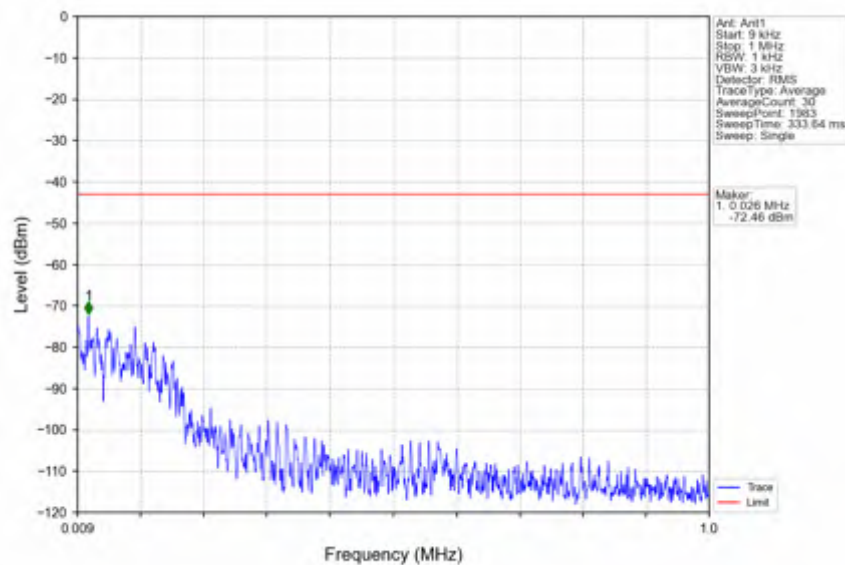
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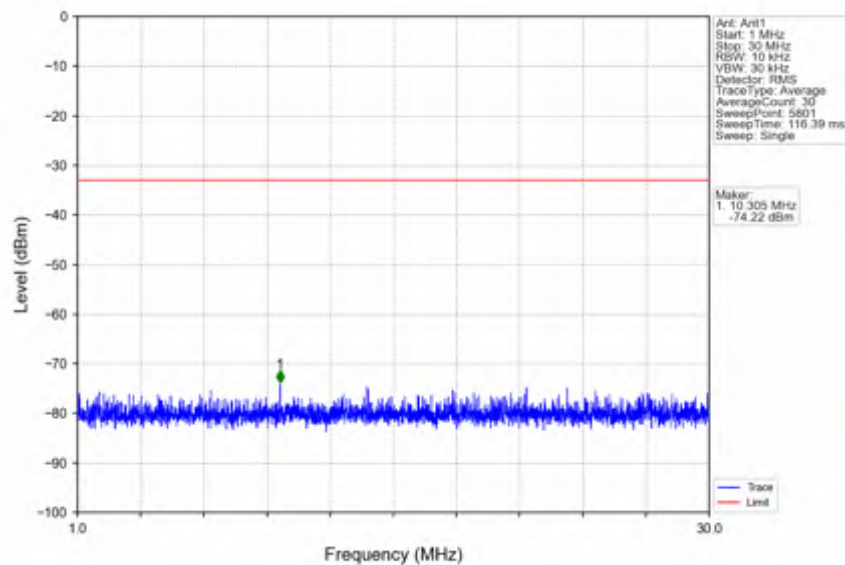
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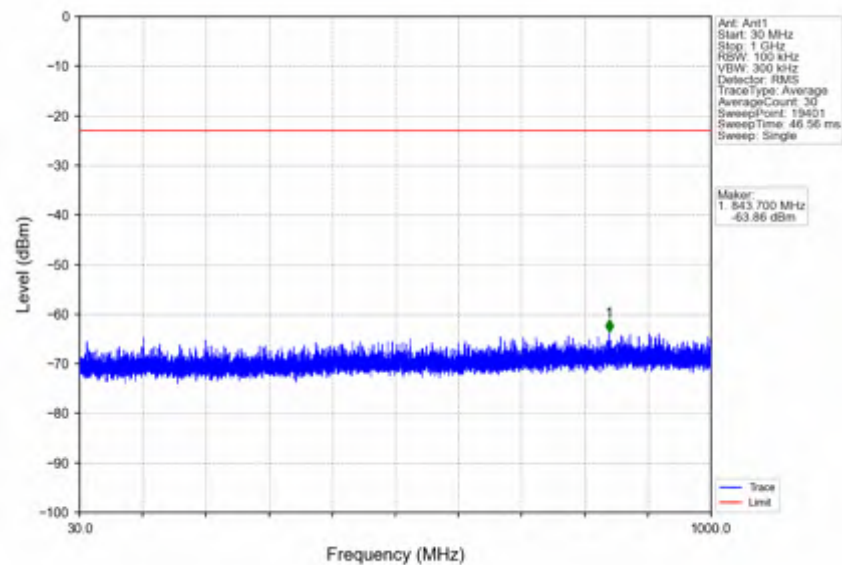
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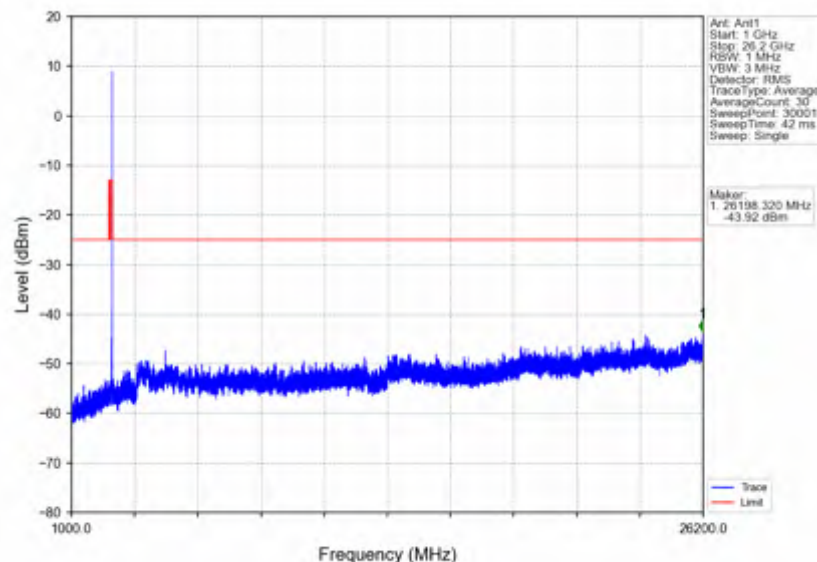
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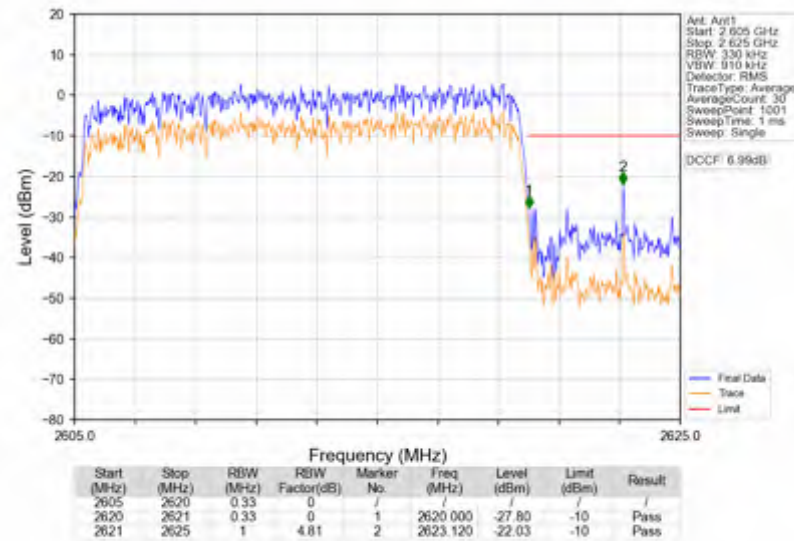


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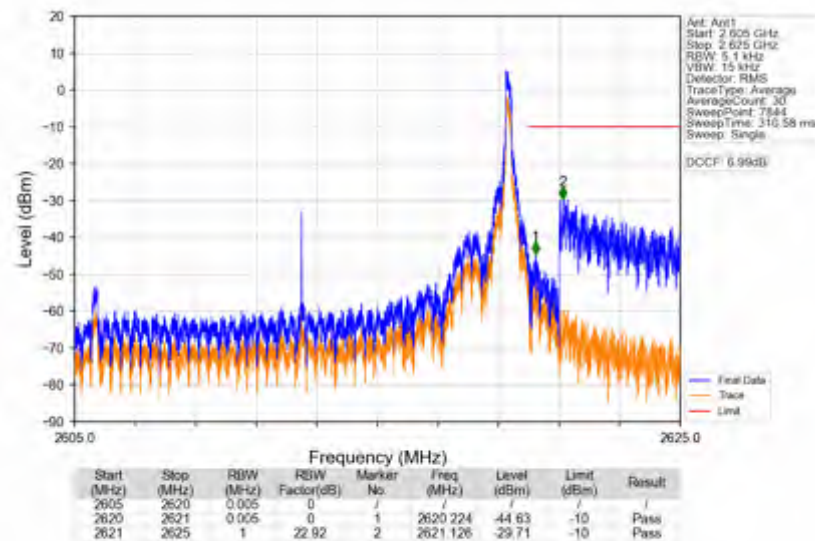
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5.4 15k_SISO_20MHz_NTNV

5.4.1 Test Result

5G NR n38 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	2580	Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
	2595	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	2580	Inner 1RB Right	Refer To Test Graph			Pass
		Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
	2595	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	2580	Edge 1RB Right	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
	2595	Edge 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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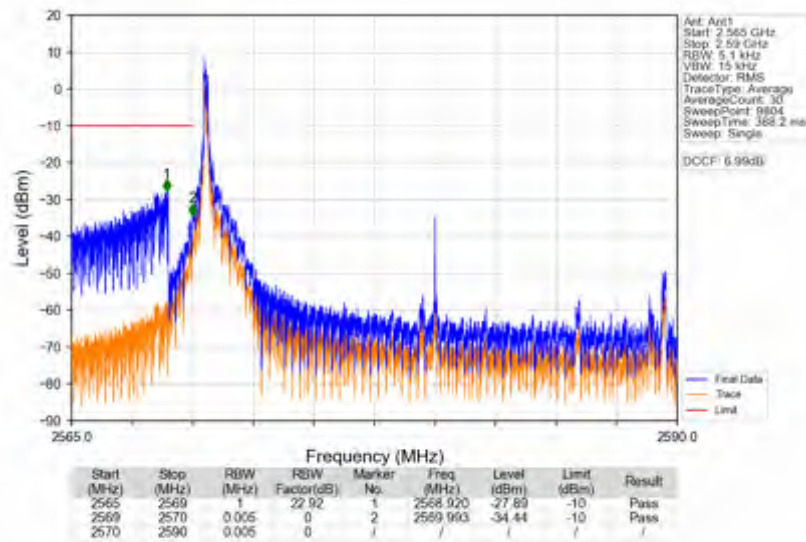
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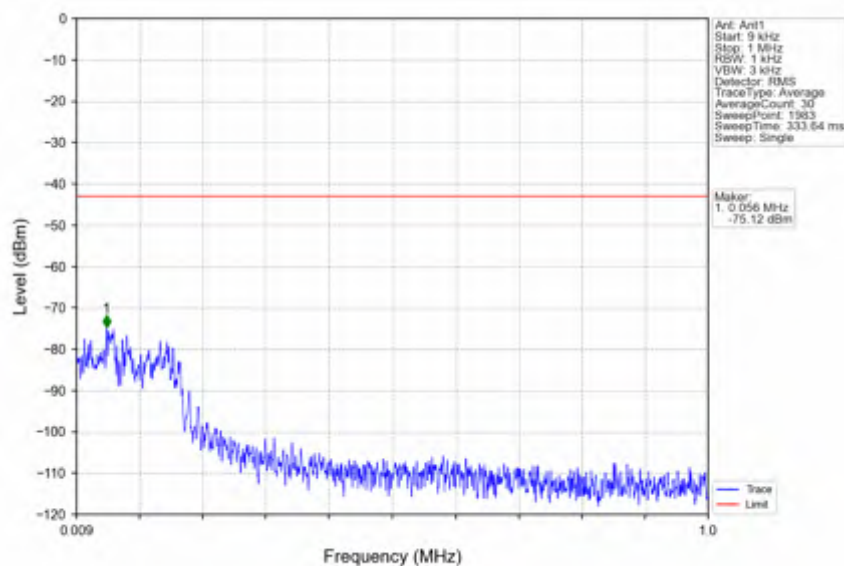
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5.4.2 Test Graph

n38_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_2580MHz_Edge_1RB_Left



n38_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_2580MHz_Edge_1RB_Left



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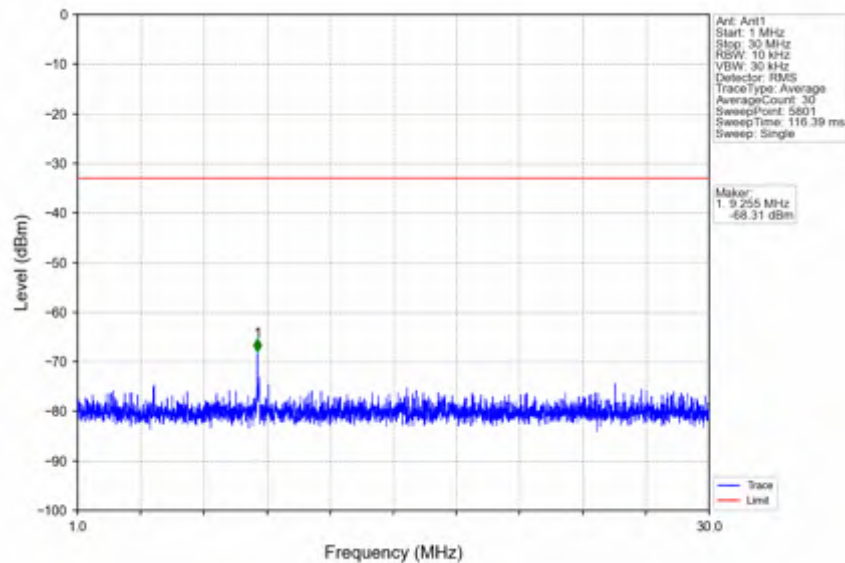
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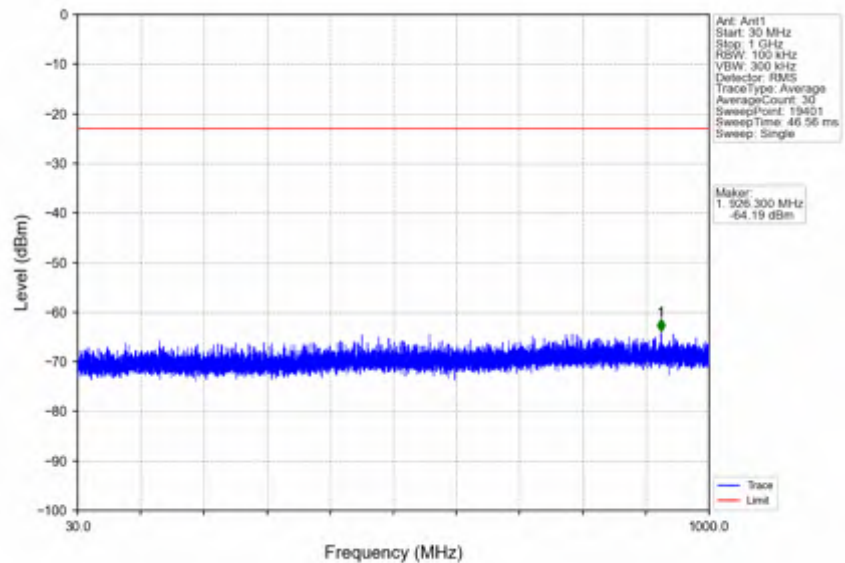
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n38_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_2580MHz_Edge_1RB_Left



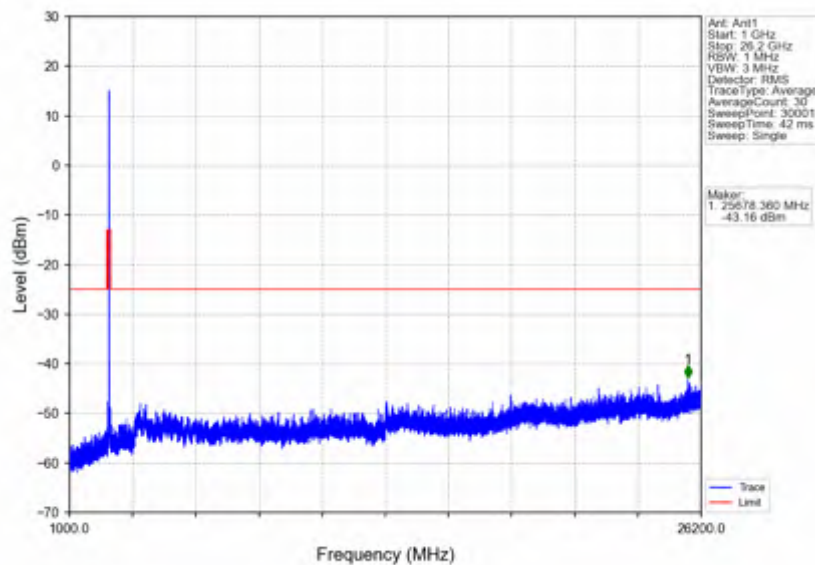
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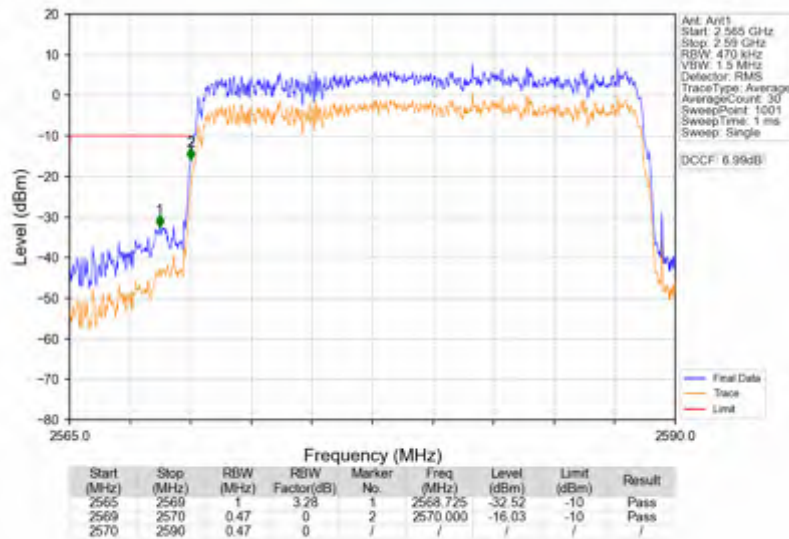
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n38_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_2580MHz_Outer_Full

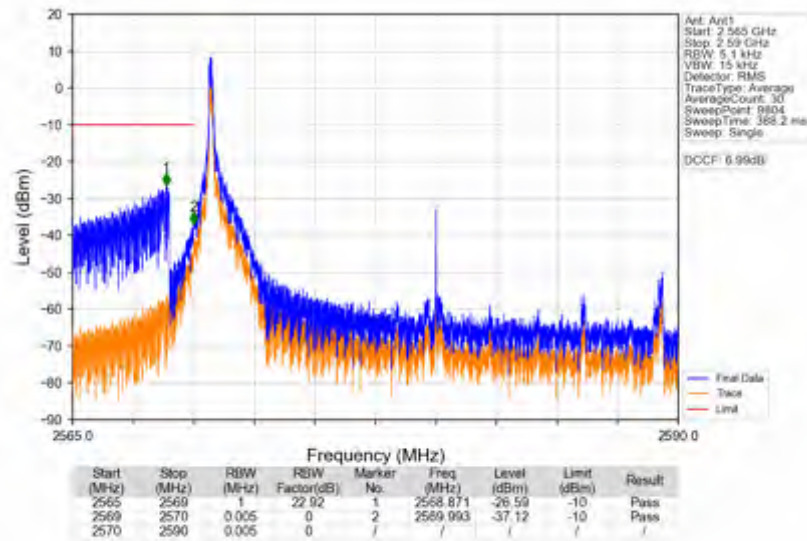


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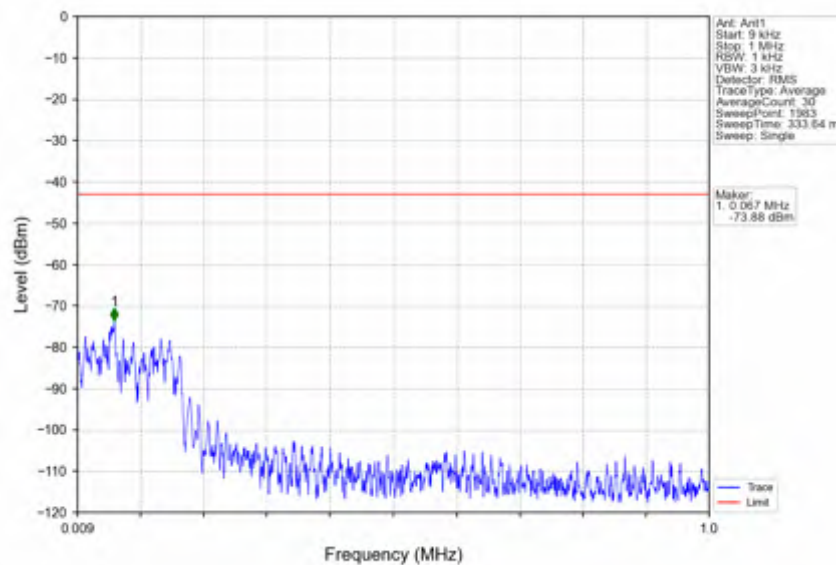
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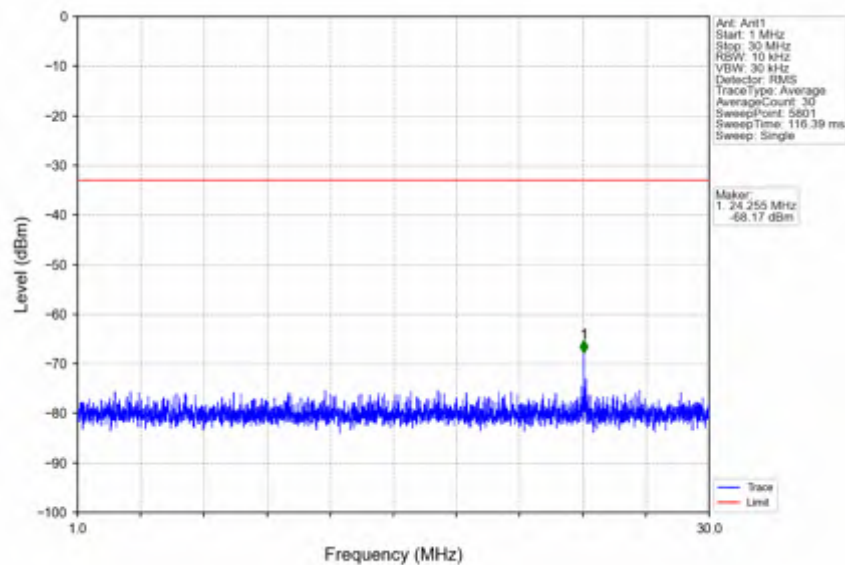


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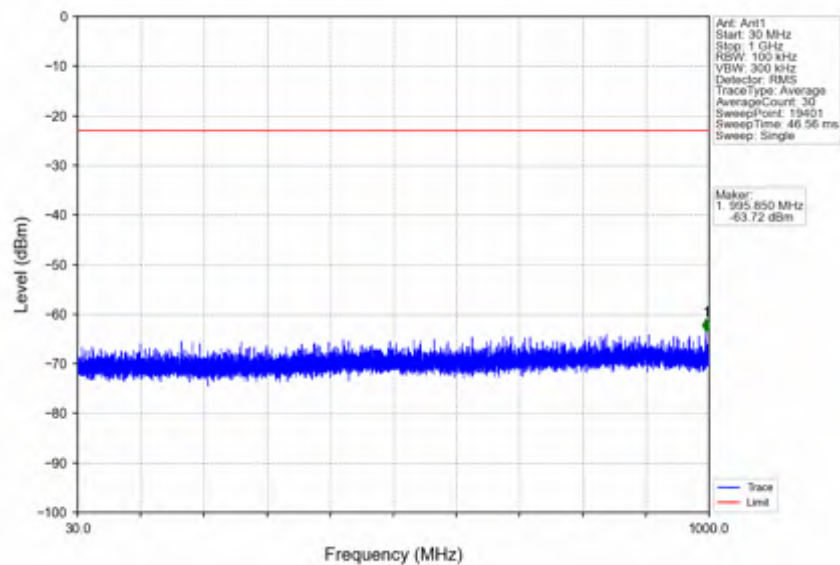
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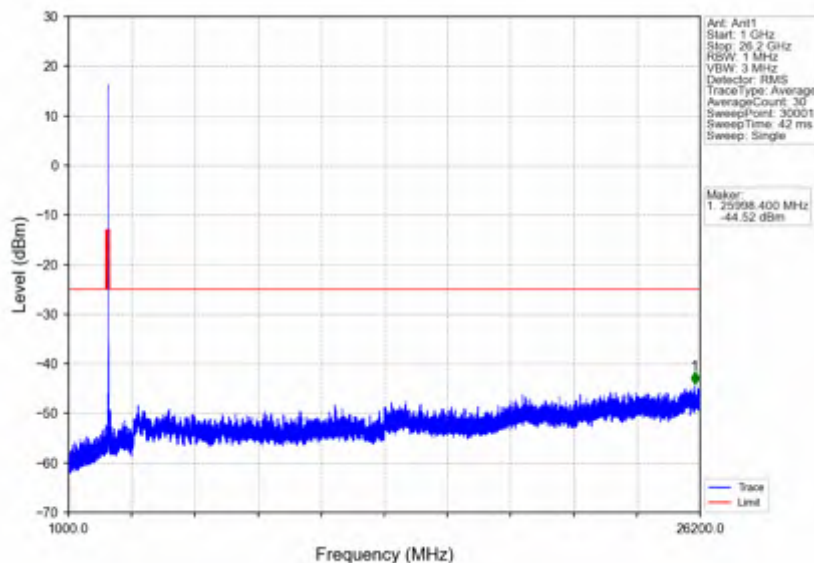
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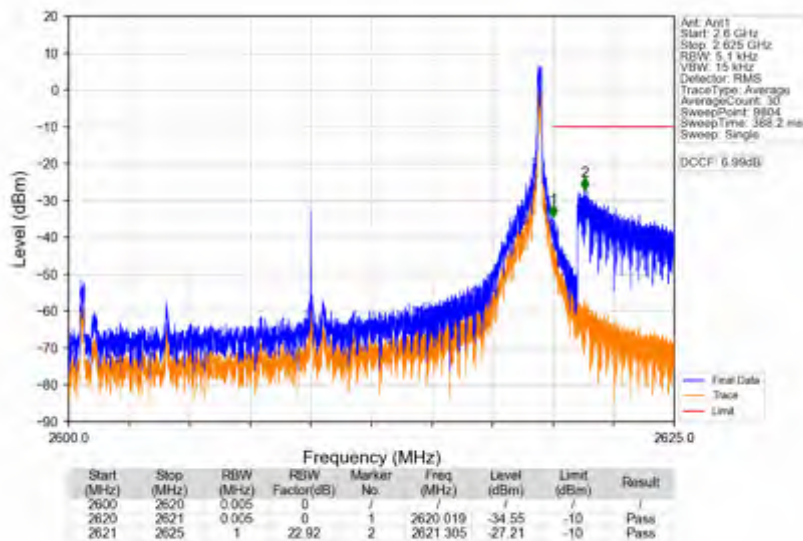
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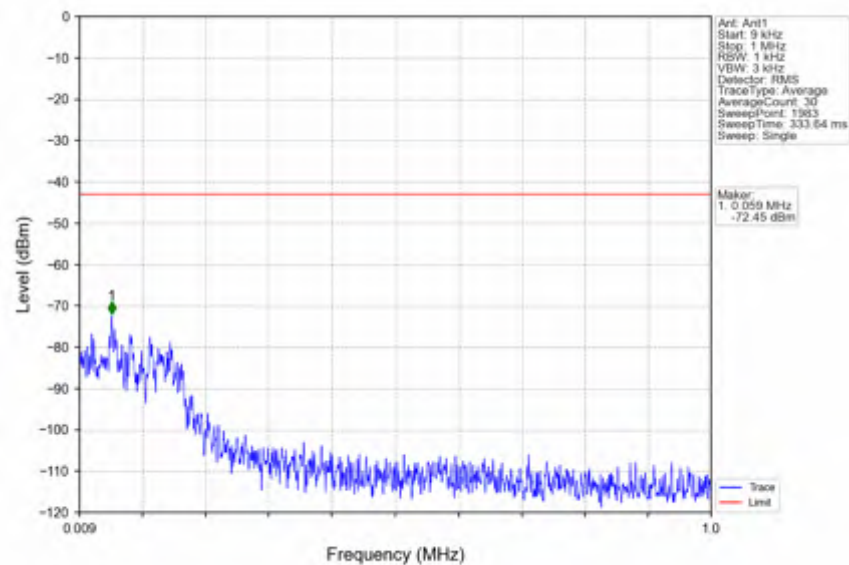
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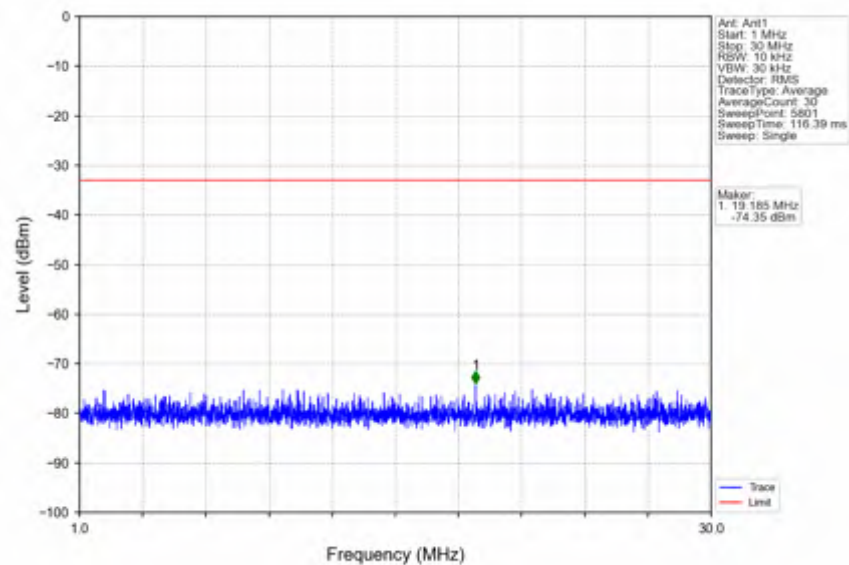
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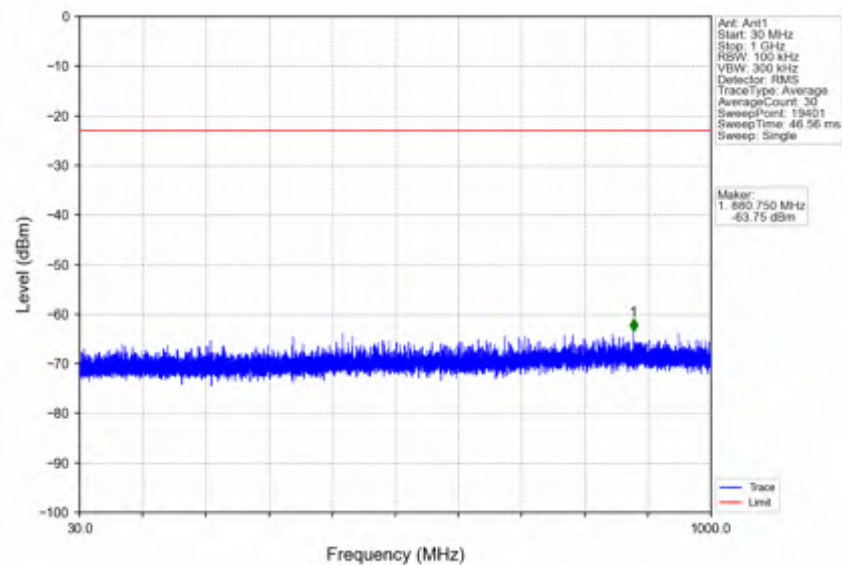
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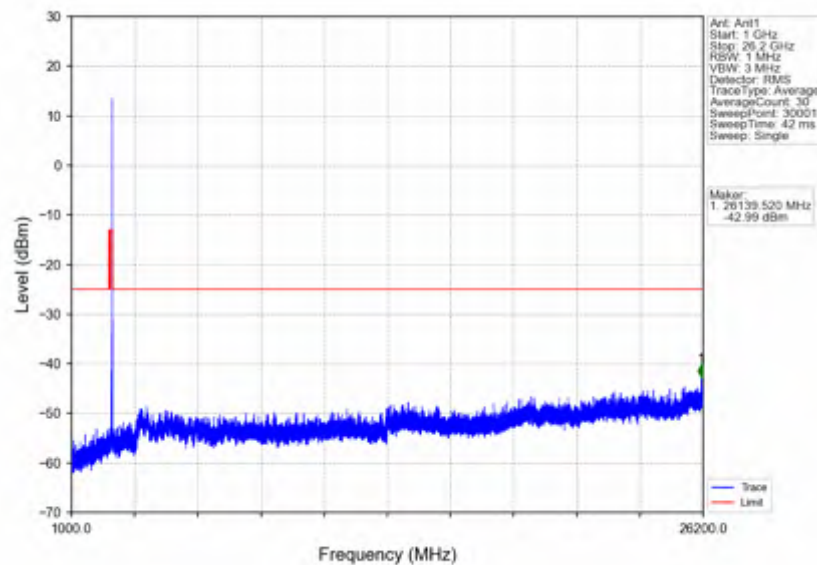
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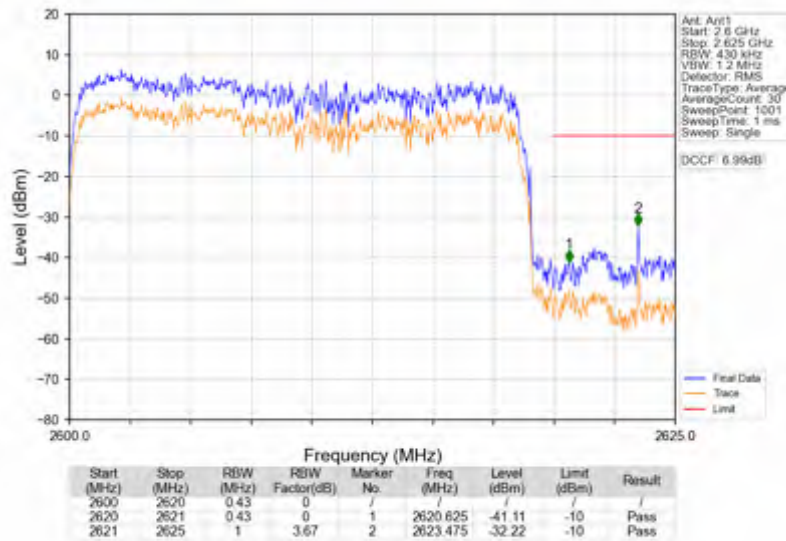


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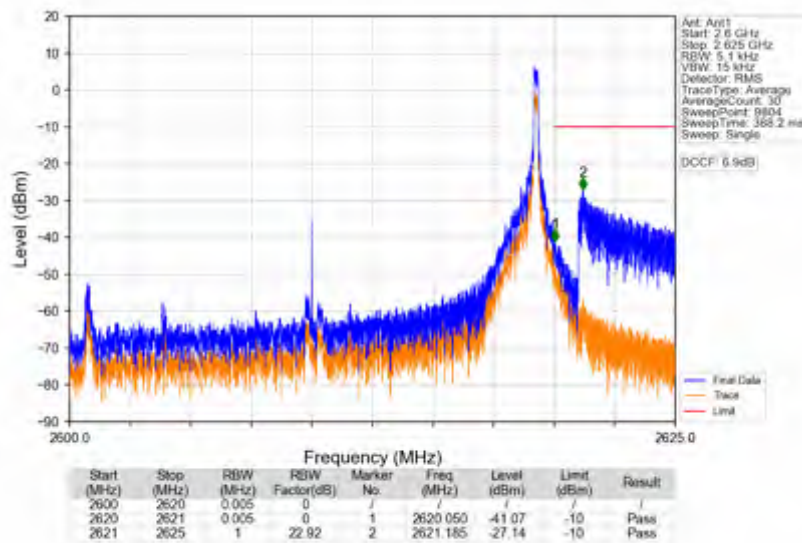
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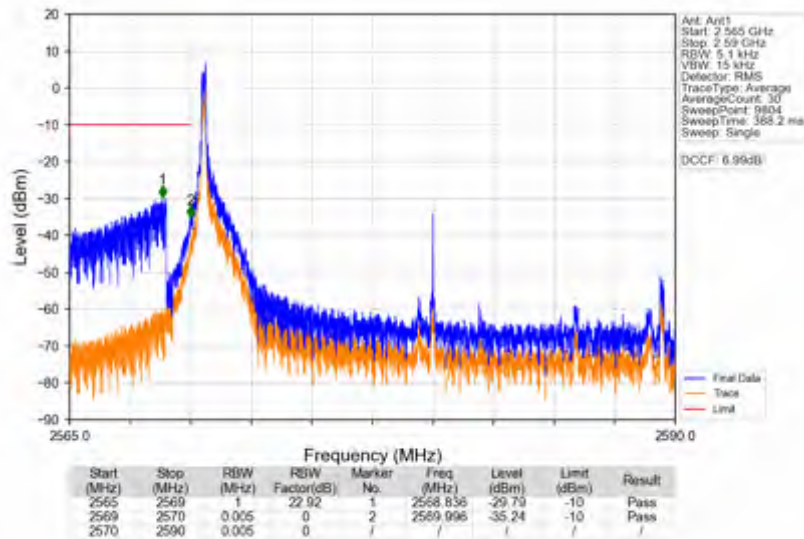
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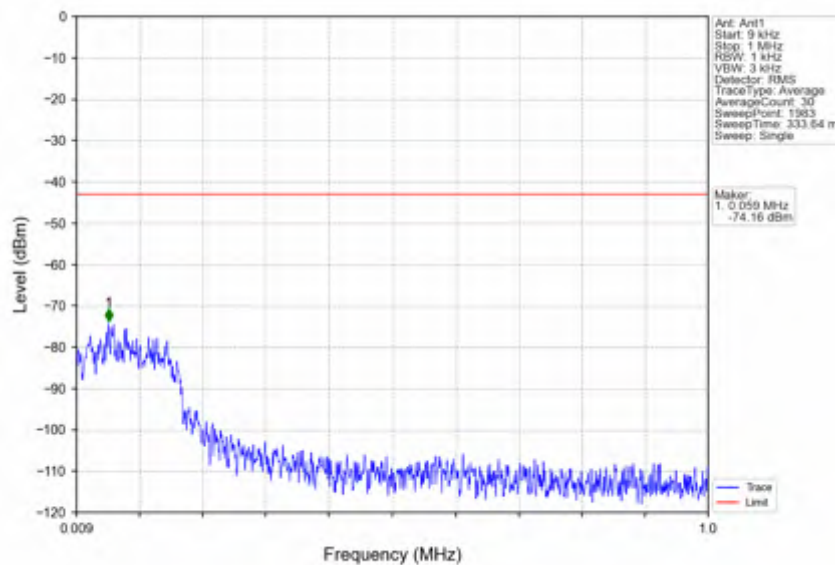
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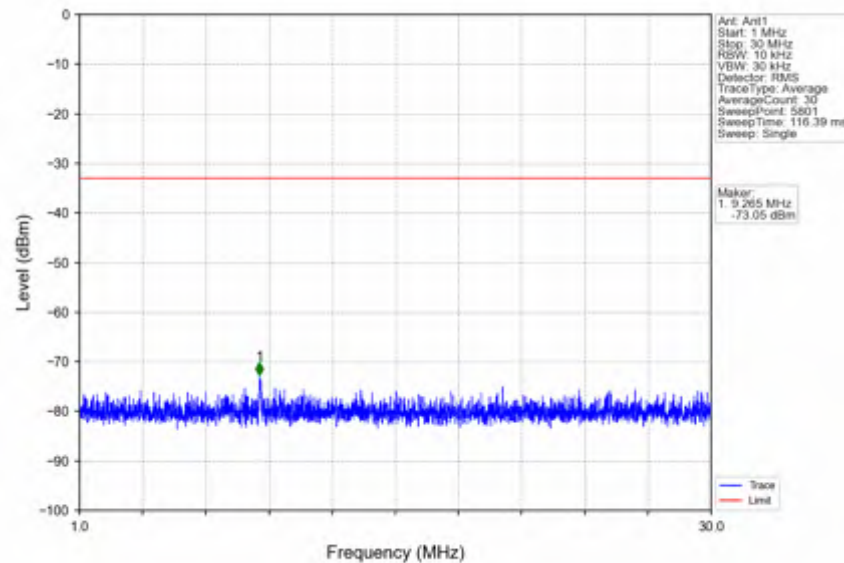


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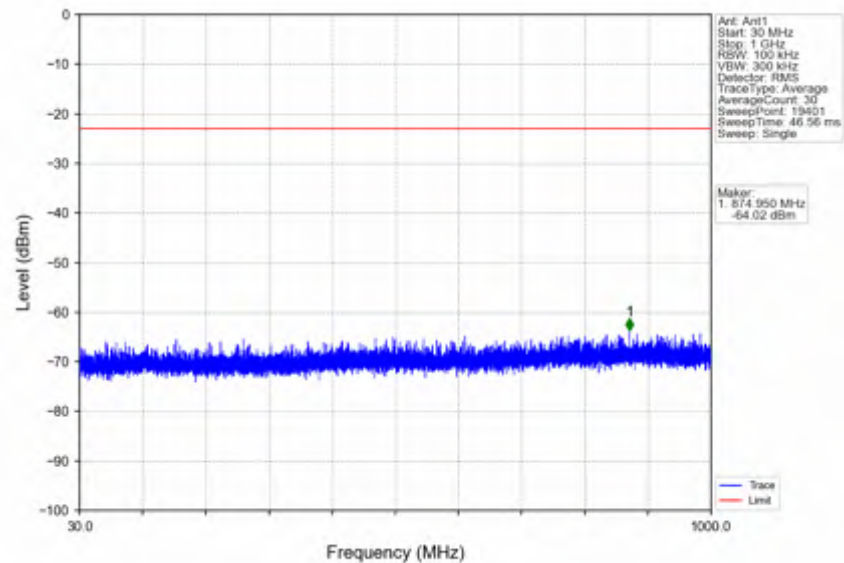
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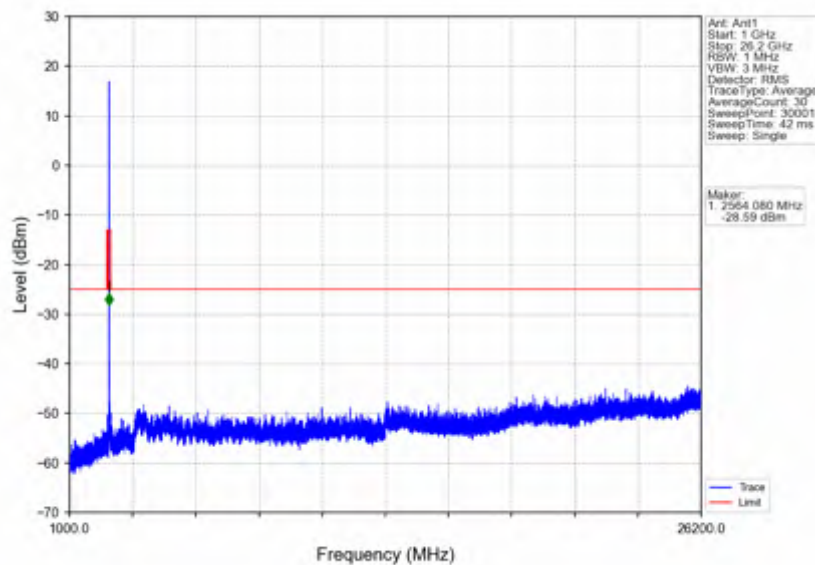
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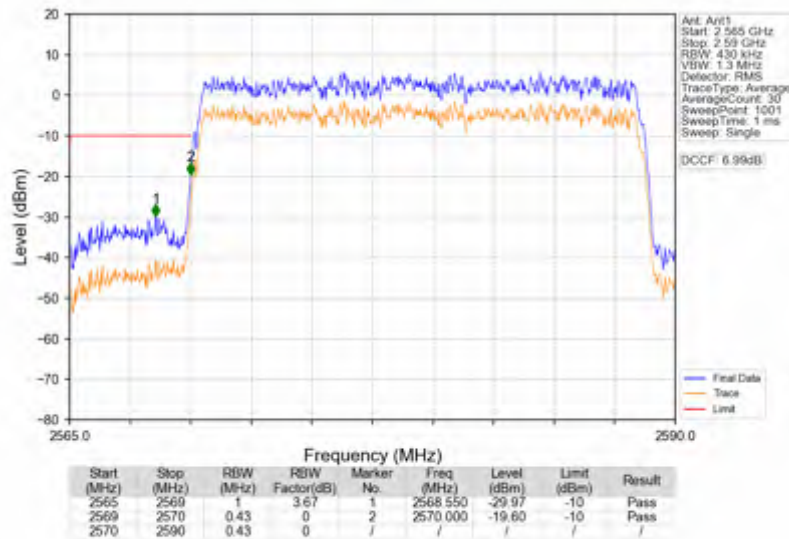
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n38_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_2580MHz_Outer_Full



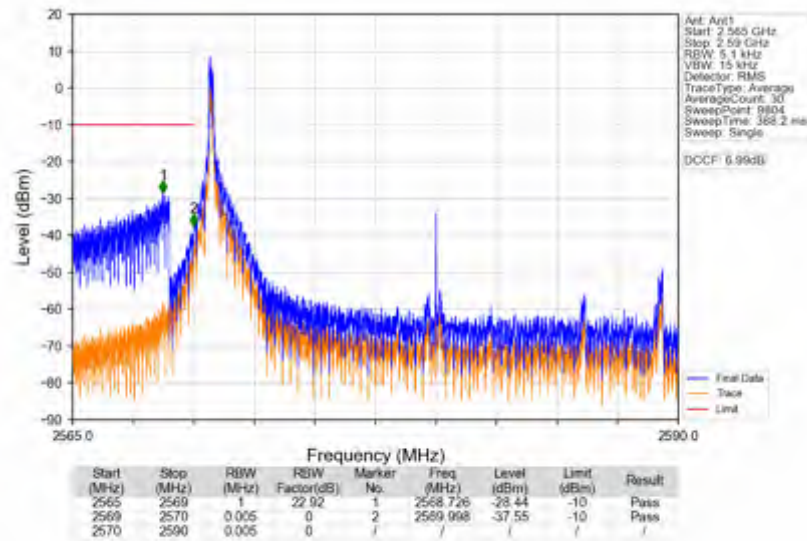
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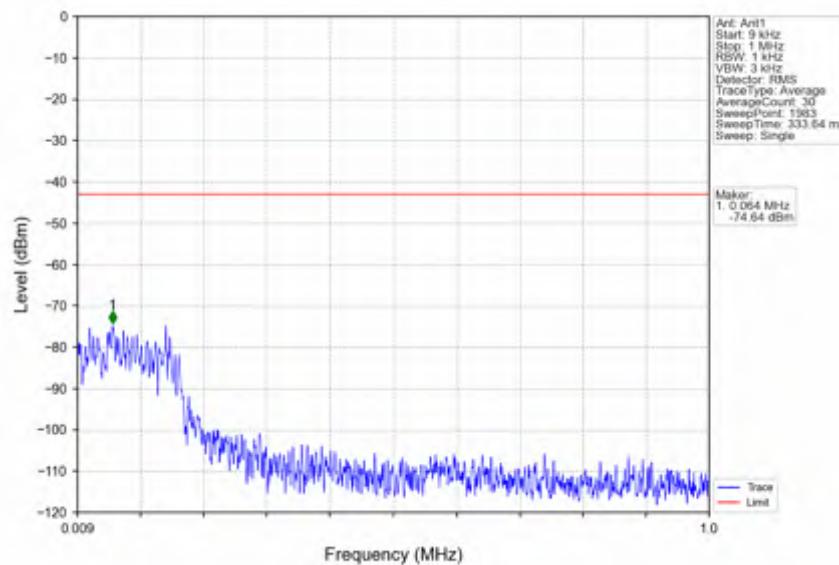
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n38_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_2580MHz_Inner_1RB_Left



n38_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_2595MHz_Edge_1RB_Left



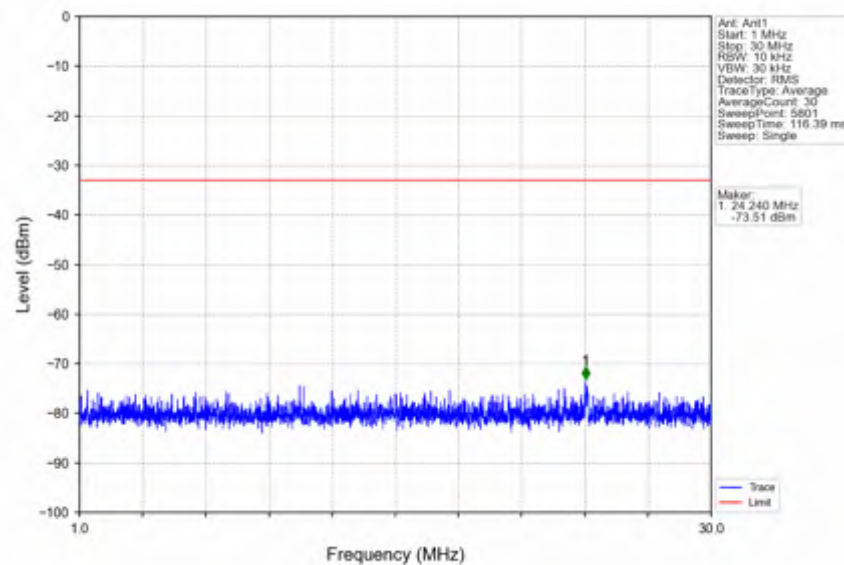
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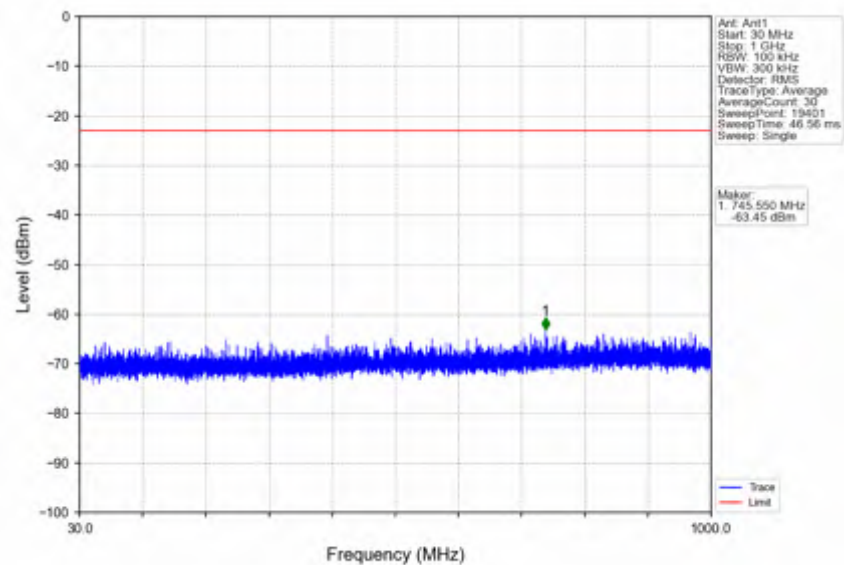
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n38_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_2595MHz_Edge_1RB_Left



n38_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_2595MHz_Edge_1RB_Left



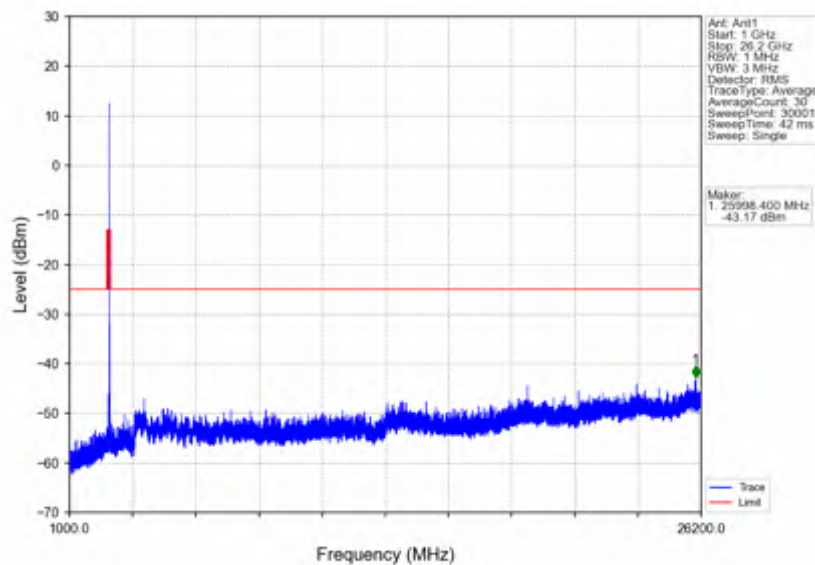
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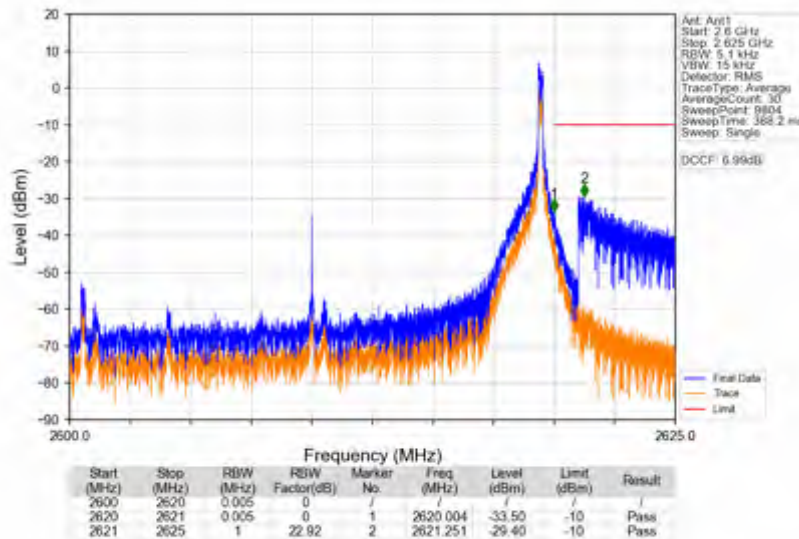
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n38_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_2595MHz_Edge_1RB_Left



n38_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_2610MHz_Edge_1RB_Right



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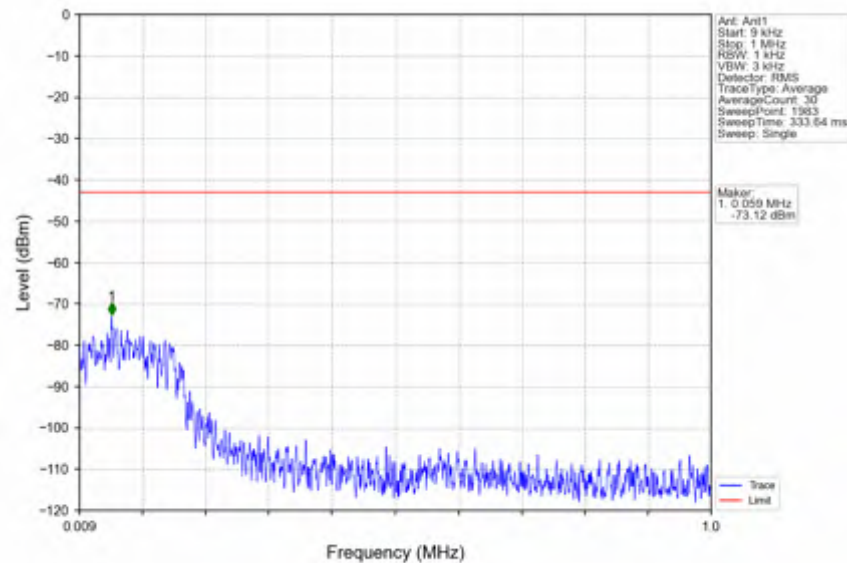
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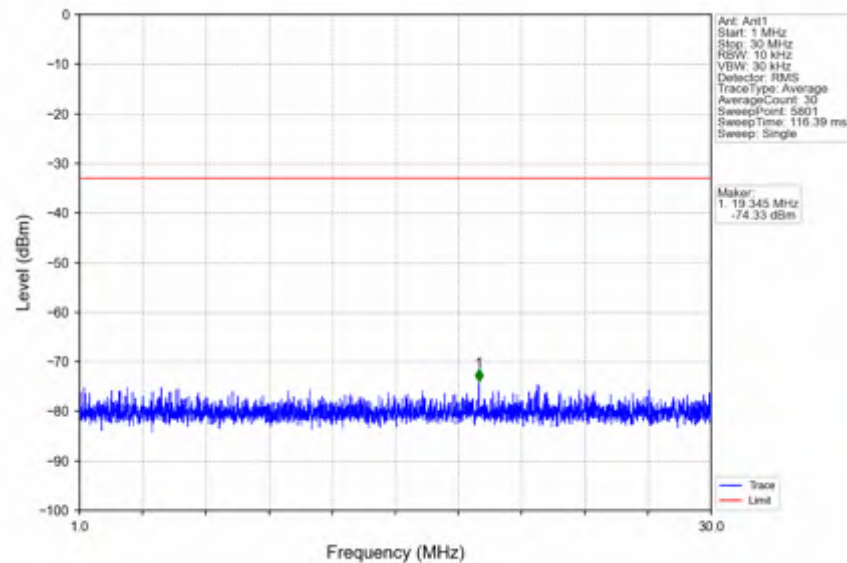
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n38_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_2610MHz_Edge_1RB_Right



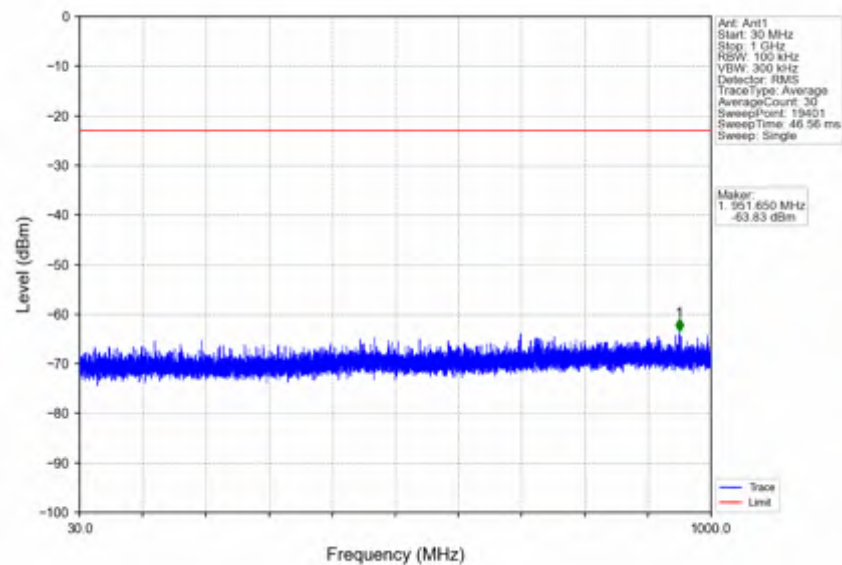
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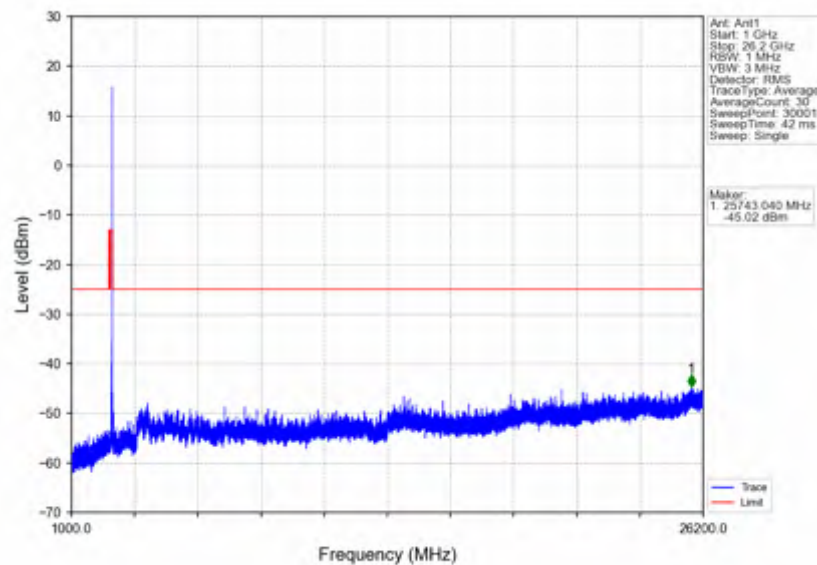
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n38_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_2610MHz_Edge_1RB_Right



n38 15kHz SISO NTNV 20MHz DFT-s-OFDM QPSK 2610MHz Edge 1RB Right

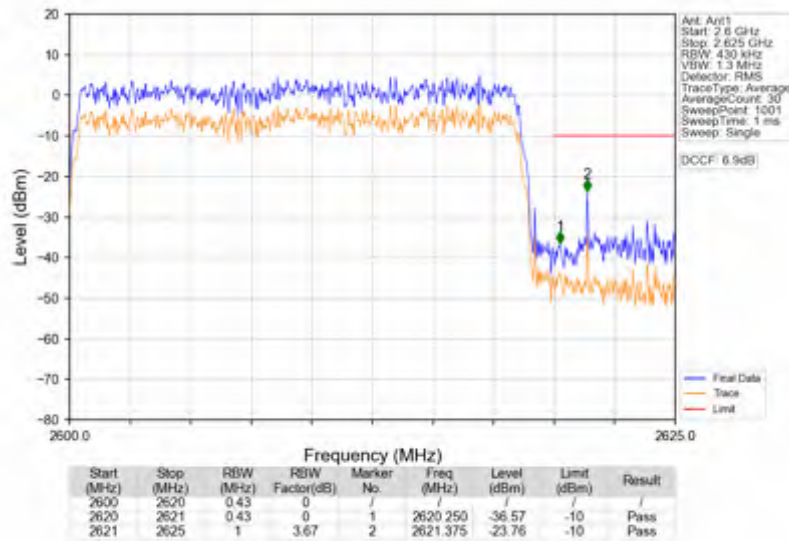


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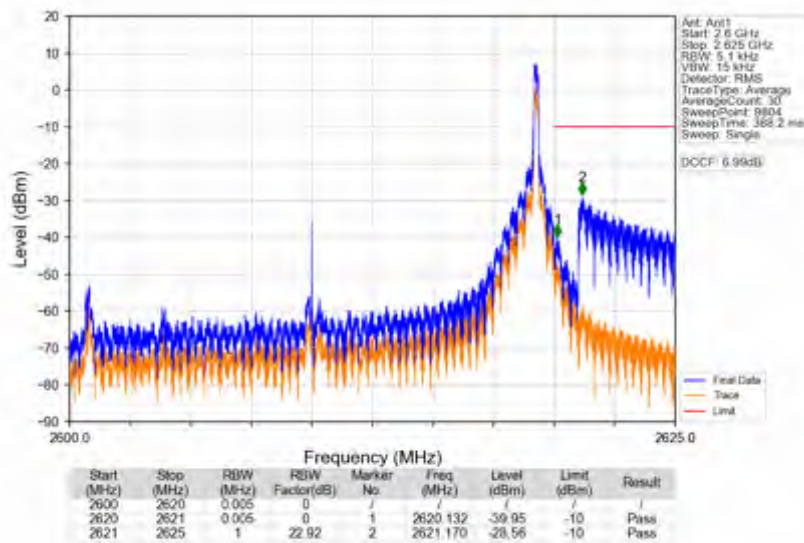
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n38_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_2610MHz_Outer_Full



n38_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_2610MHz_Inner_1RB_Right



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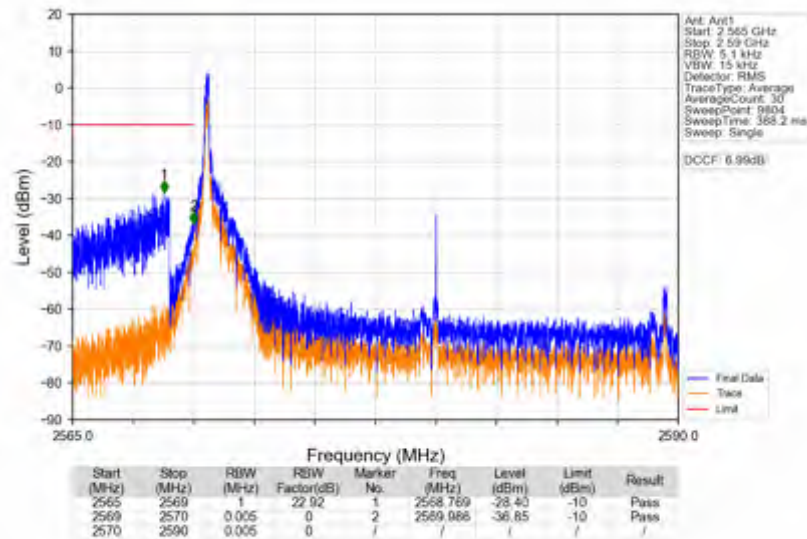
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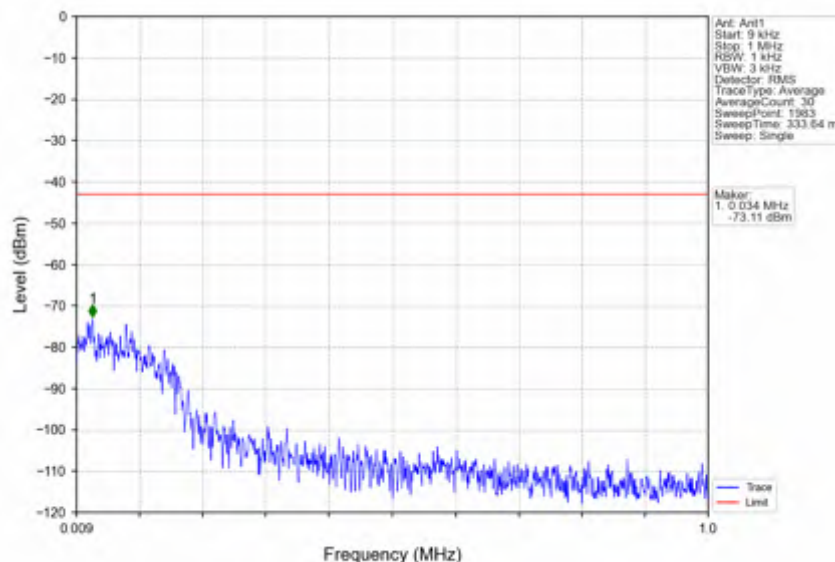
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n38_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_2580MHz_Edge_1RB_Left



n38 15kHz SISO NTV 20MHz CP-OFDM QPSK 2580MHz Edge 1RB Left

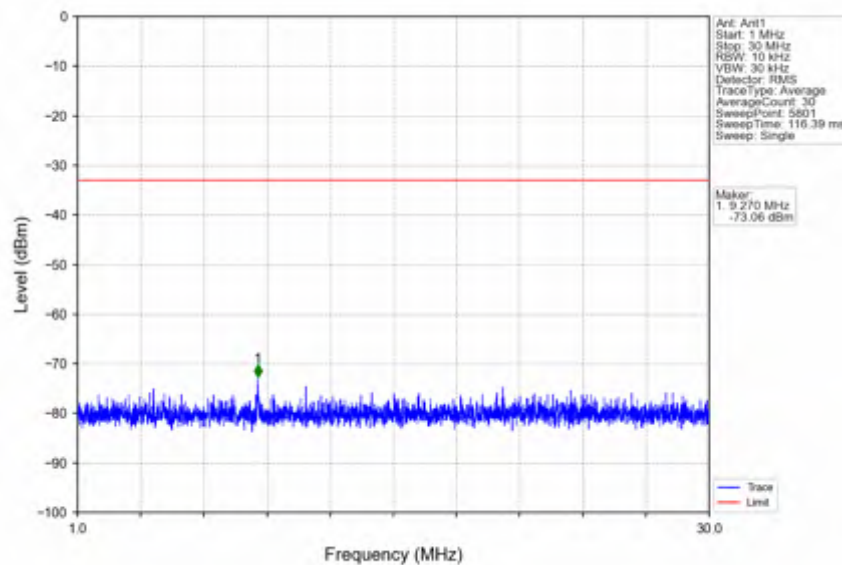


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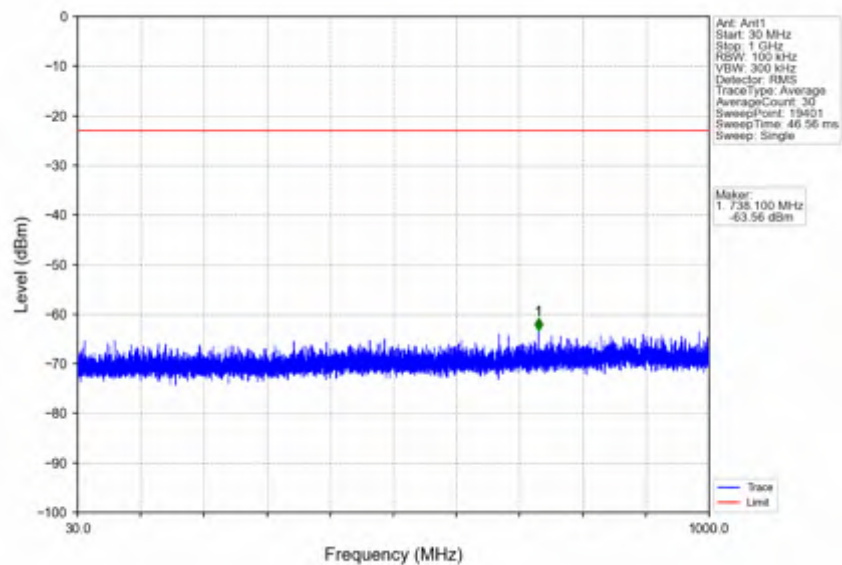
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n38_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_2580MHz_Edge_1RB_Left



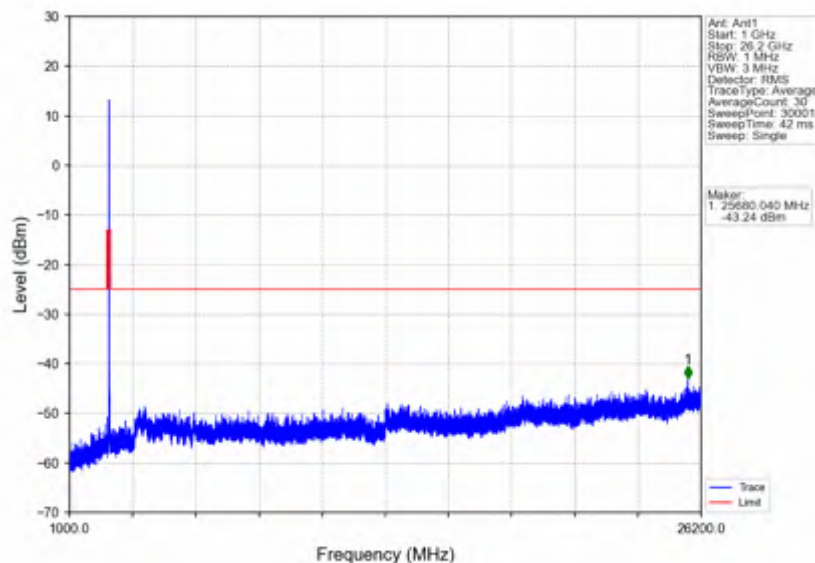
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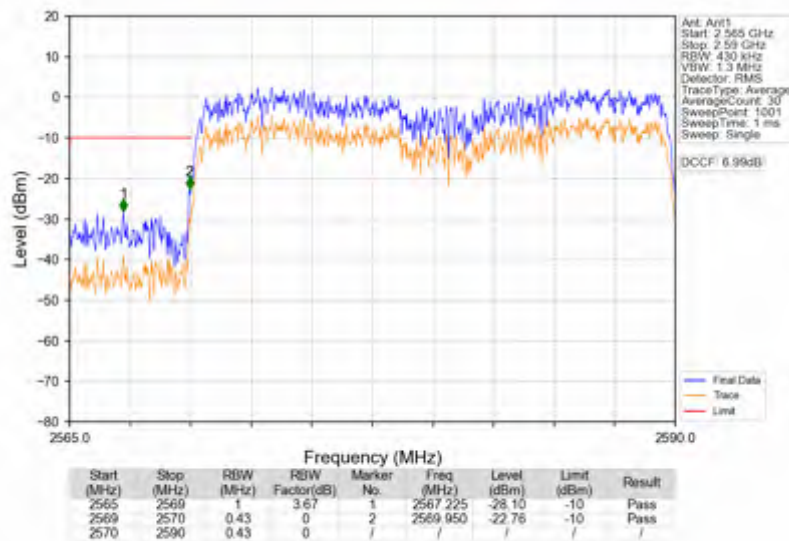
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n38_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_2580MHz_Edge_1RB_Left



n38_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_2580MHz_Outer_Full



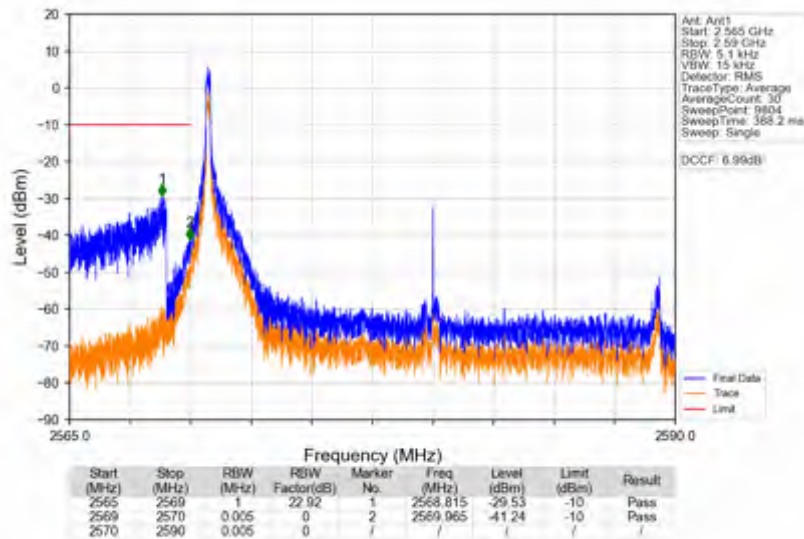
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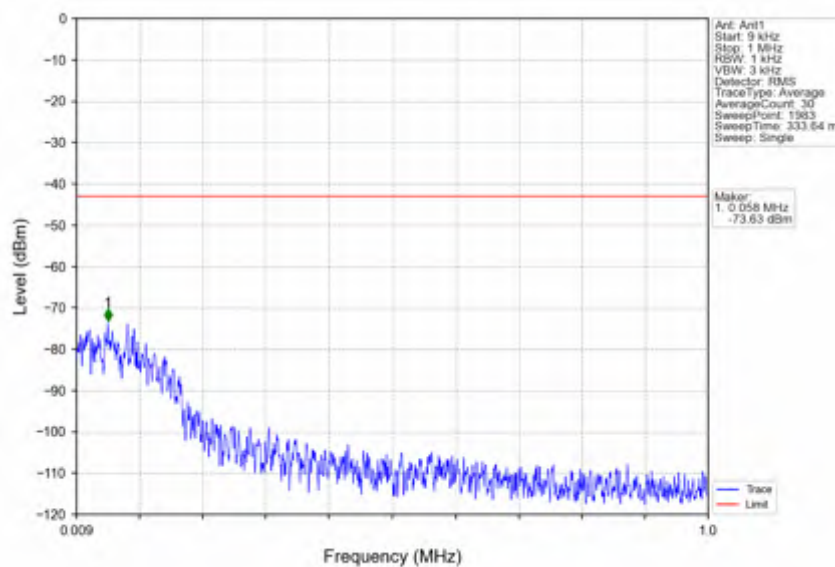
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n38 15kHz SISO NTN 20MHz CP-OFDM QPSK 2595MHz Edge 1RB Left

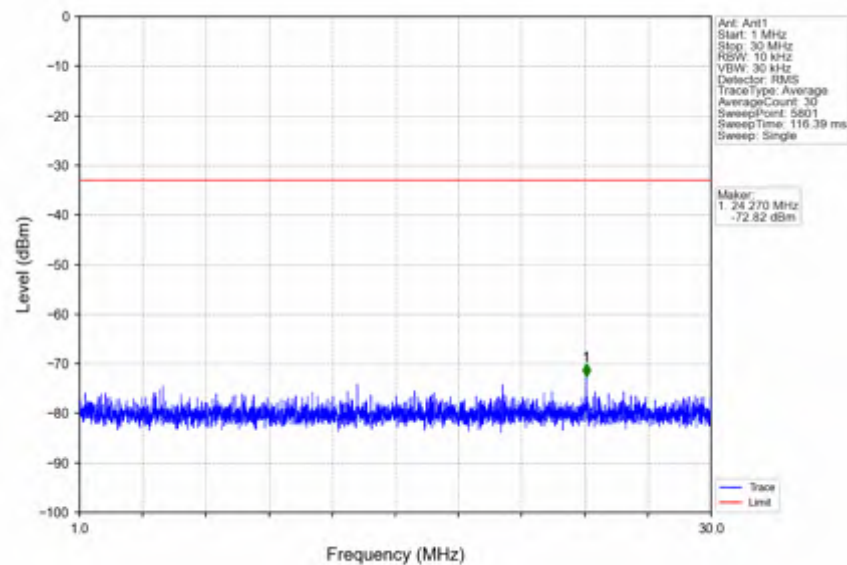


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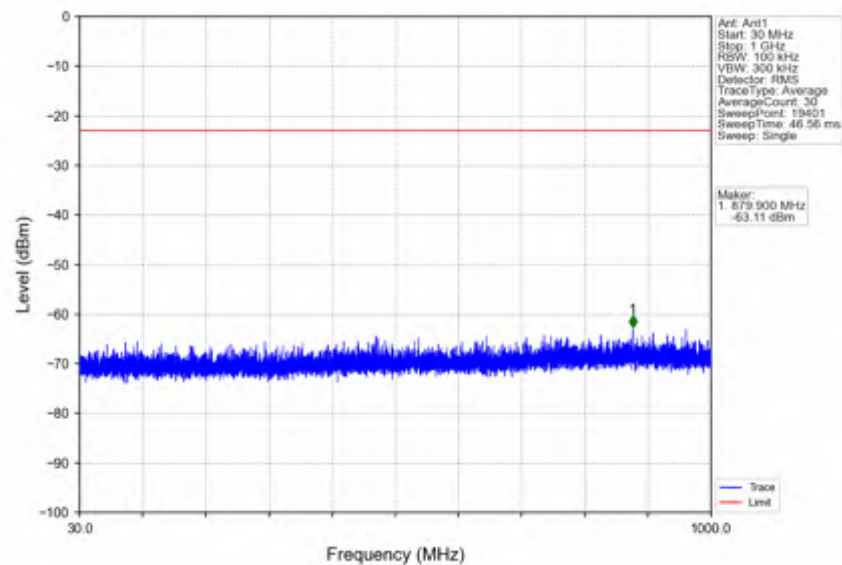
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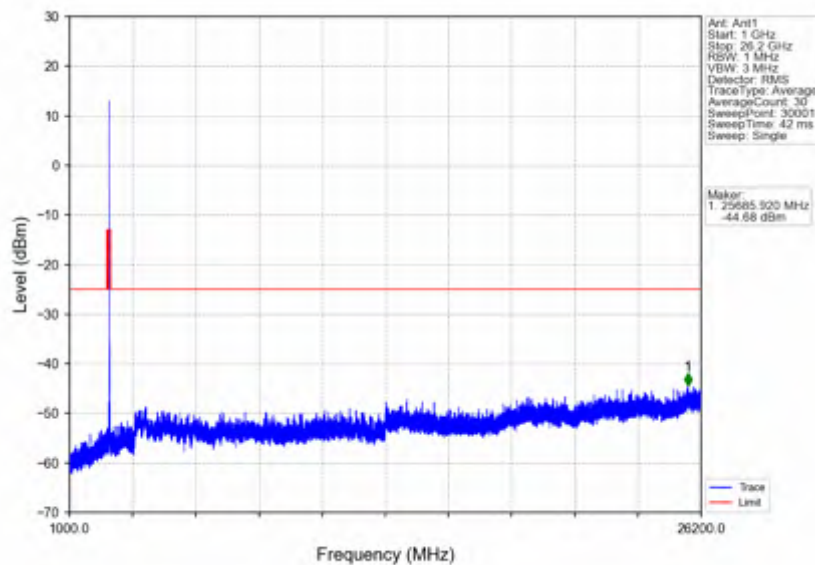
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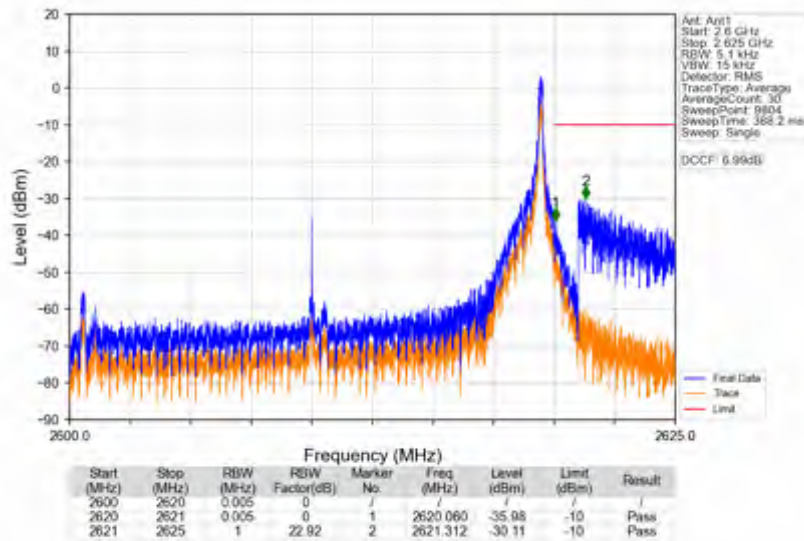
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n38_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_2610MHz_Edge_1RB_Right



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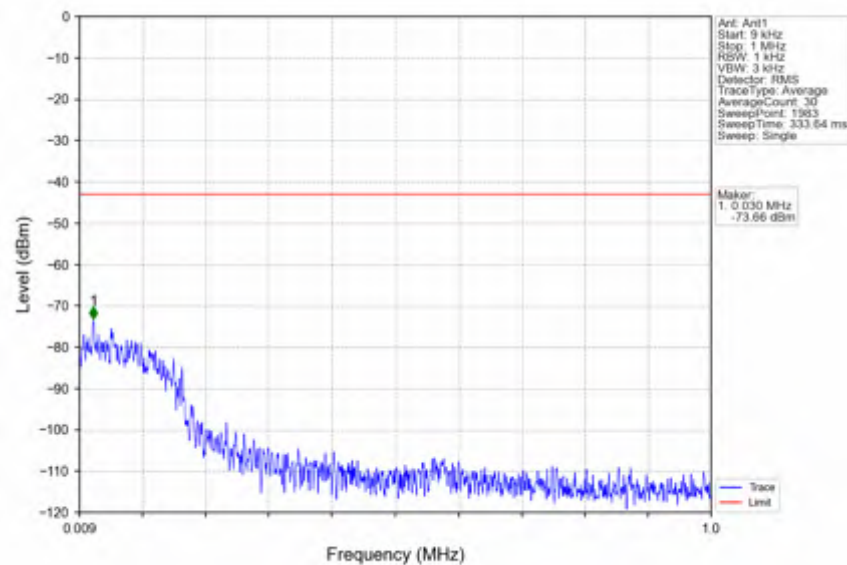
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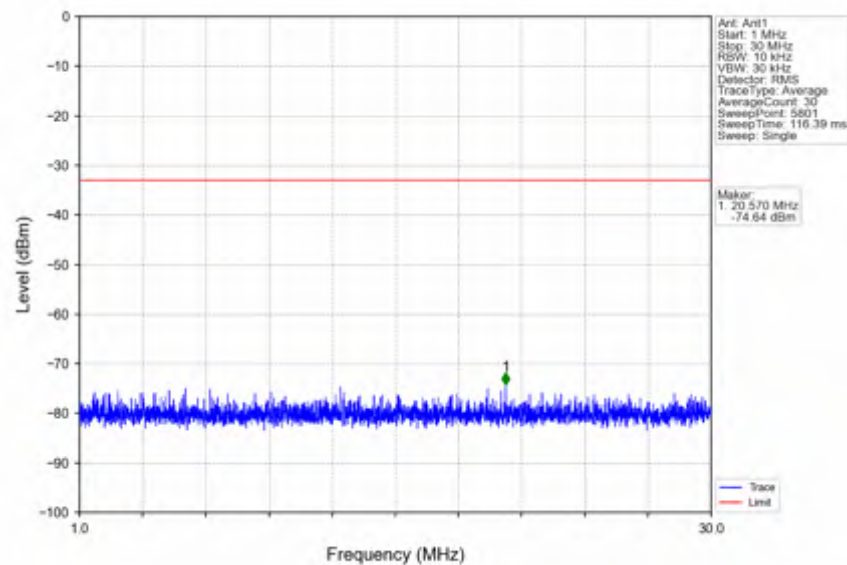
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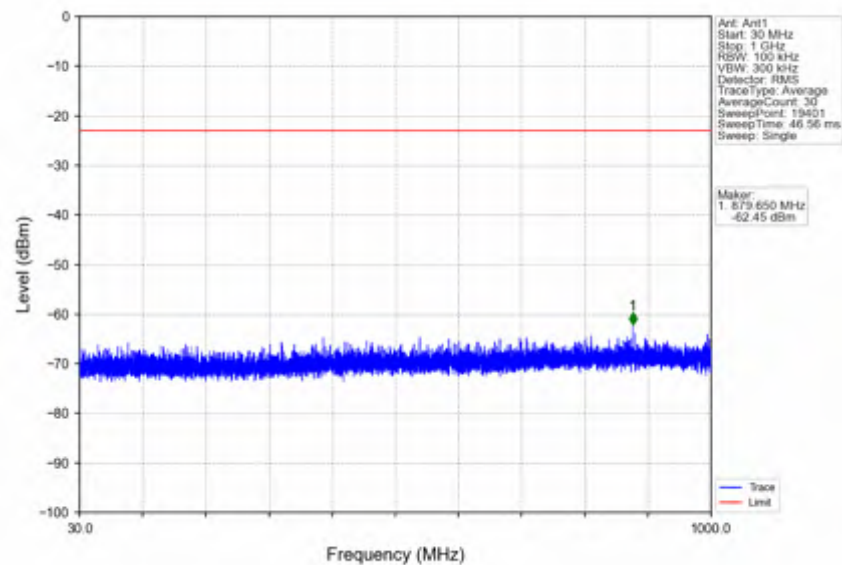
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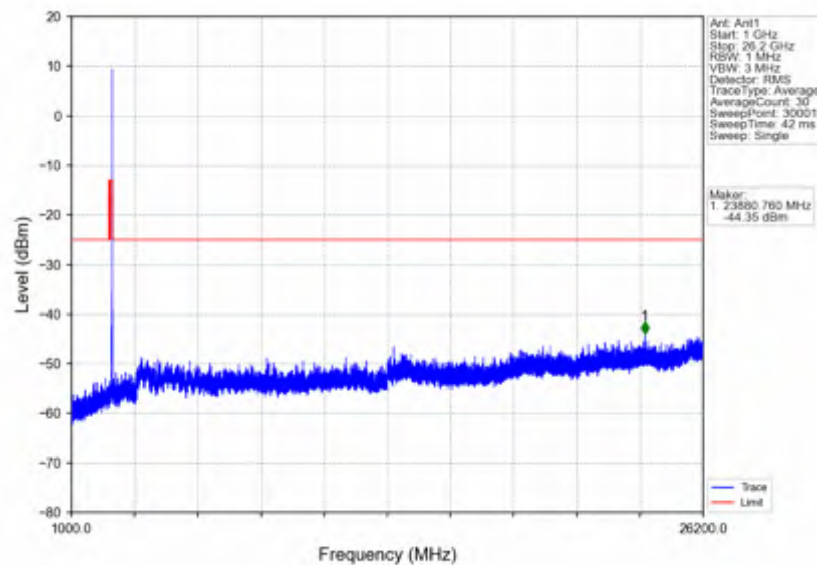
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n38_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_2610MHz_Edge_1RB_Right



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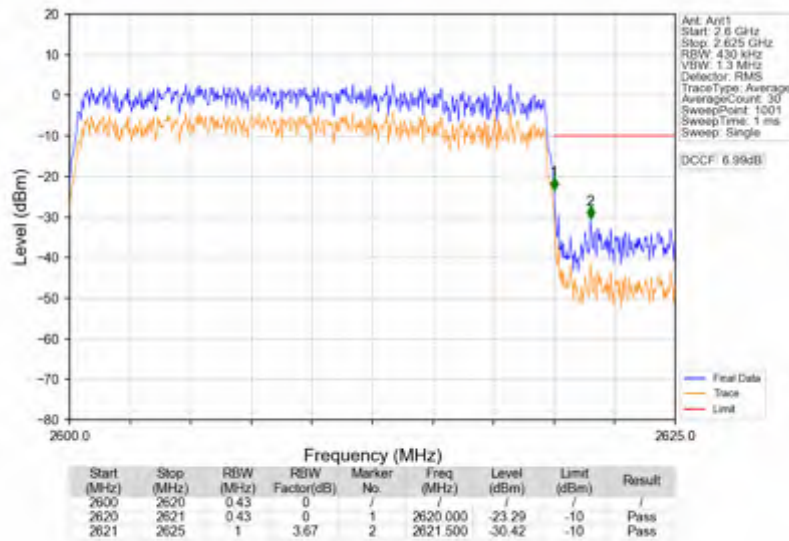
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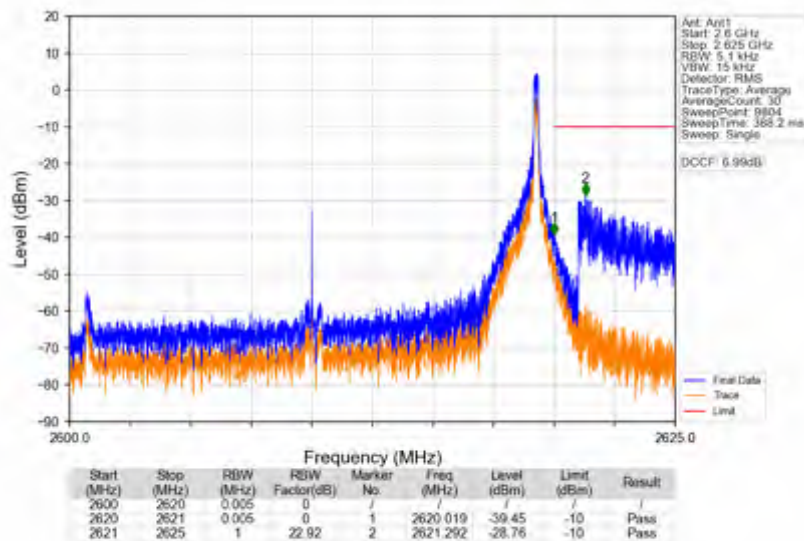
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5.5 15k_SISO_25MHz_NTNV

5.5.1 Test Result

5G NR n38 SCS=15kHz SISO 25MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	2582.5	Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
	2595	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	2582.5	Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
	2595	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	2582.5	Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
	2595	Edge 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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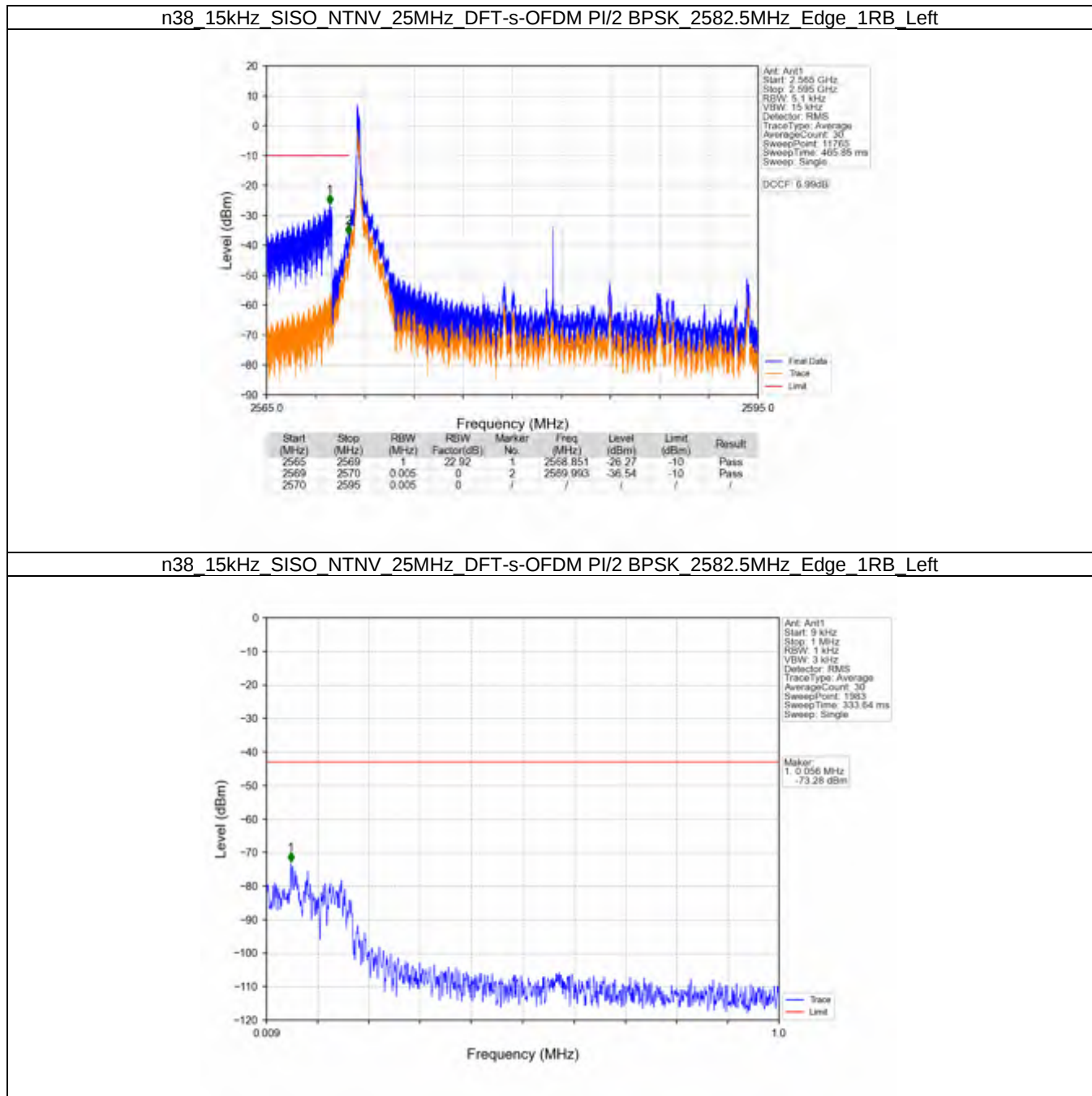
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5.5.2 Test Graph

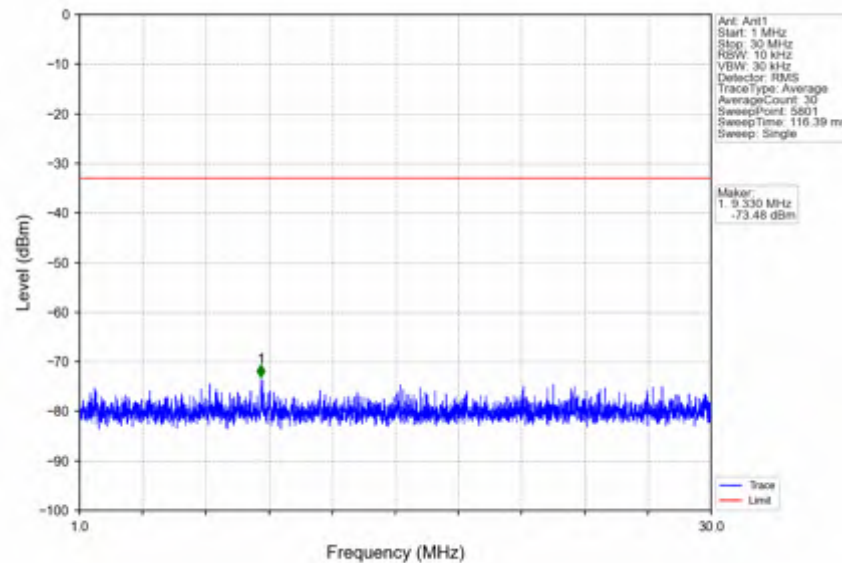


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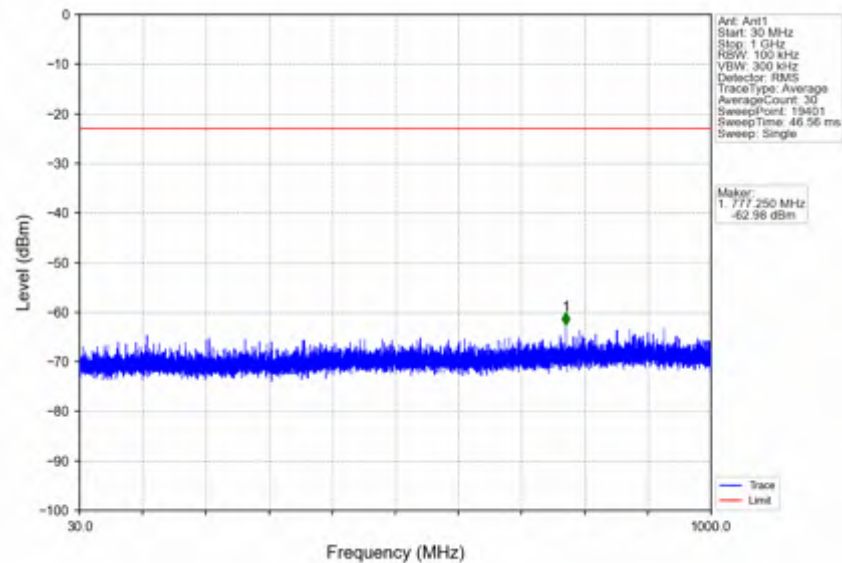
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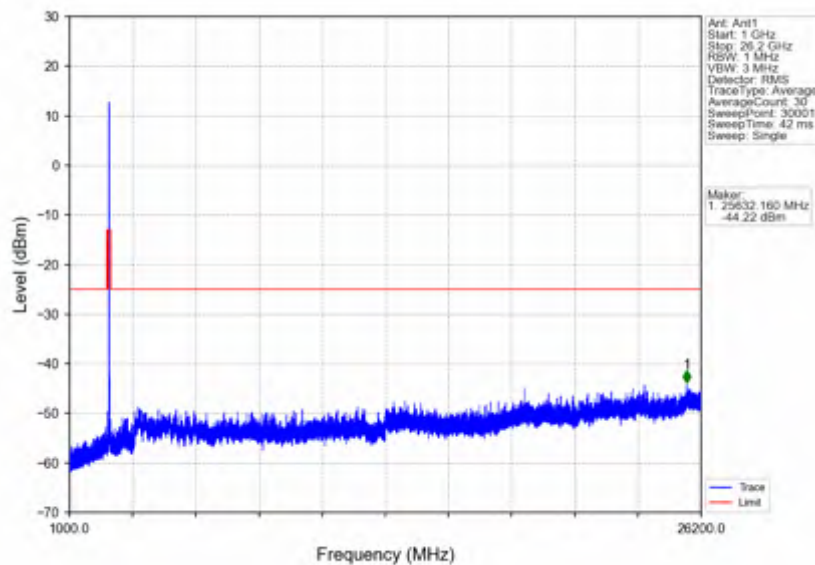
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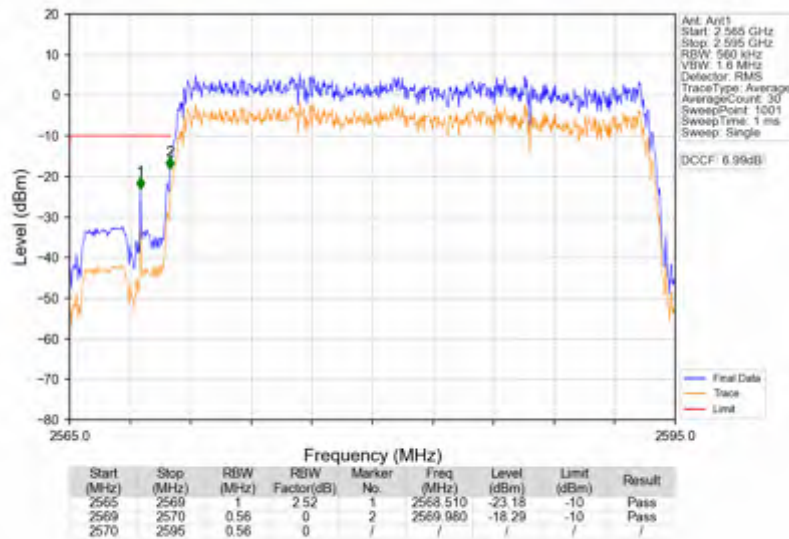
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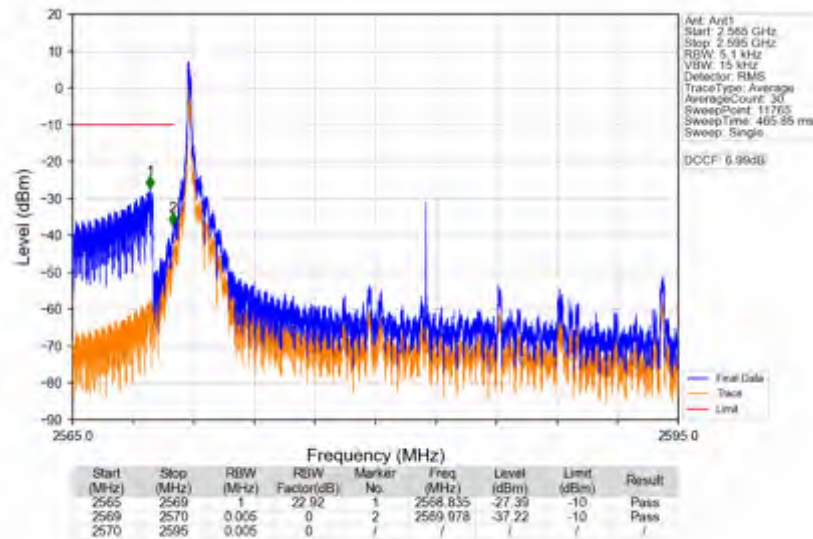
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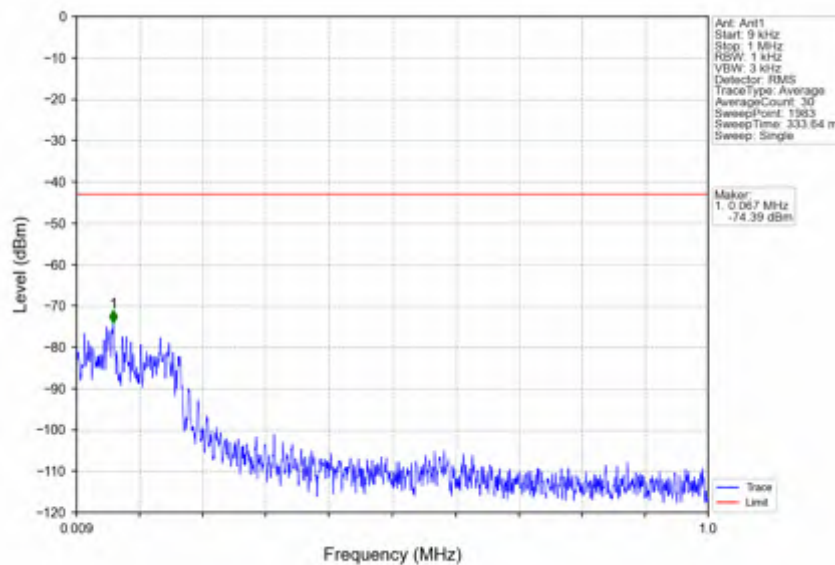
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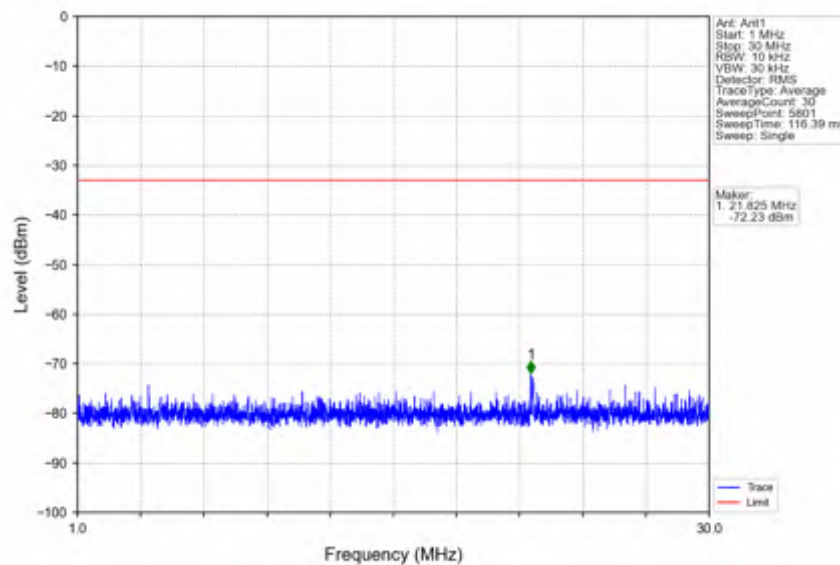


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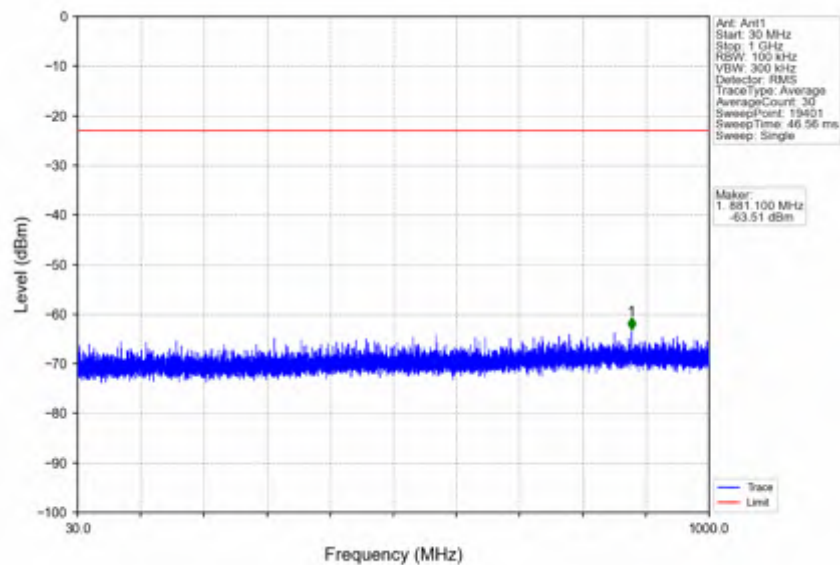
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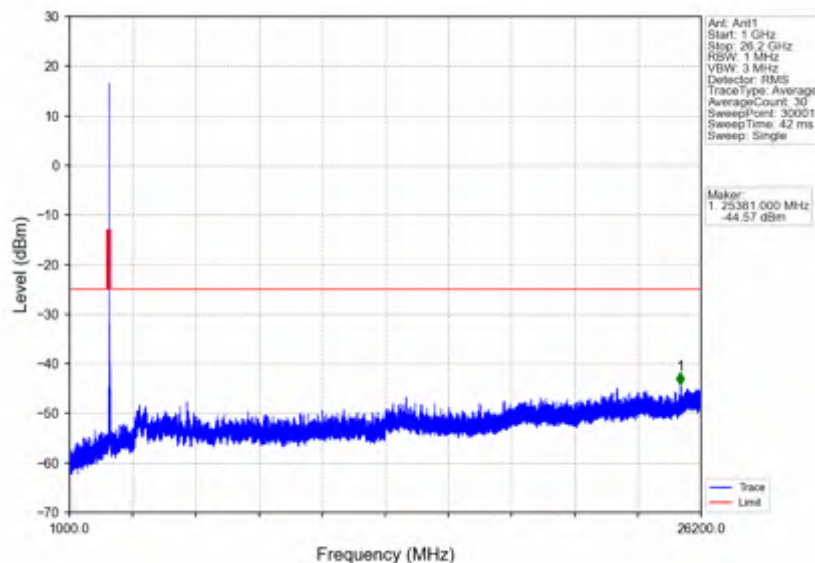
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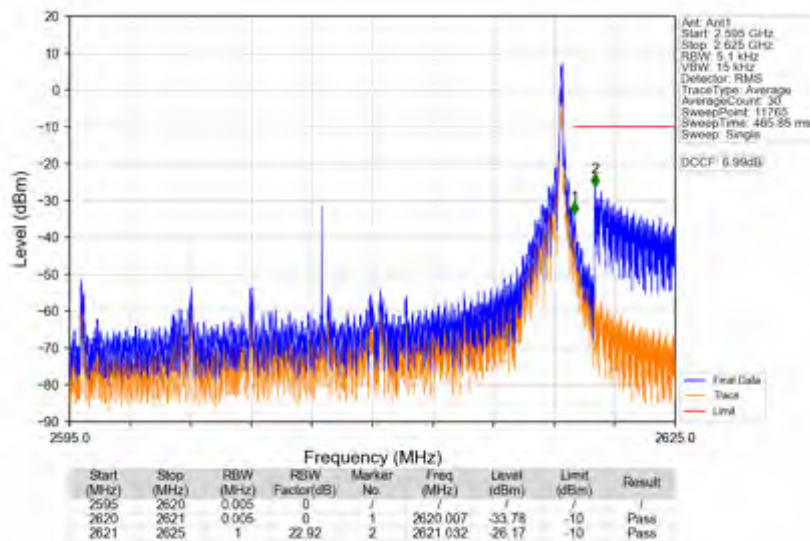
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n38_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM PI/2 BPSK_2607.5MHz_Edge_1RB_Right



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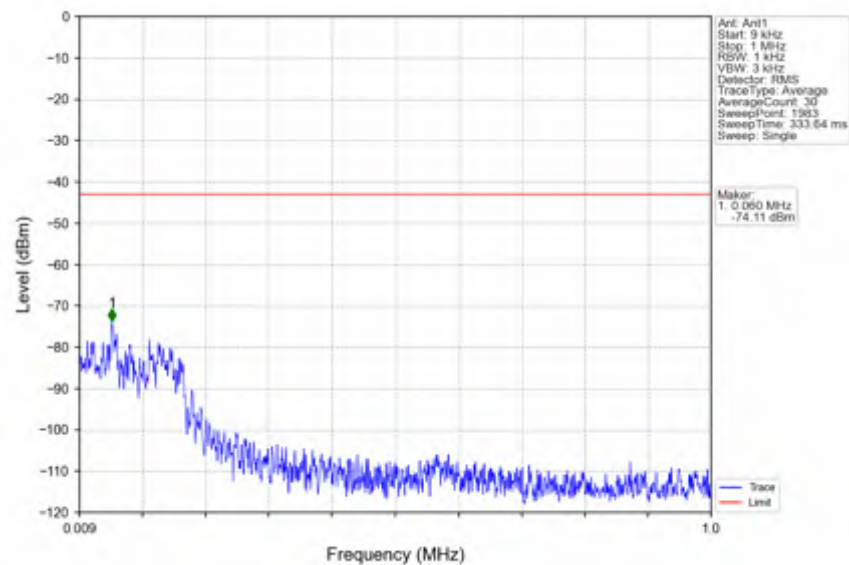
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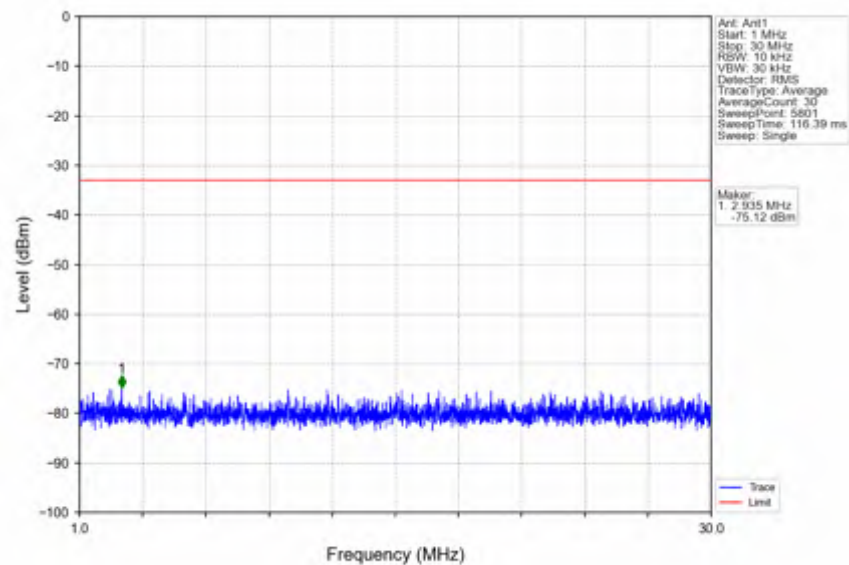
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n38	15kHz	SISO	NTNV	25MHz	DFT-s-OFDM	PI/2	BPSK	2607.5MHz	Edge	1RB	Right
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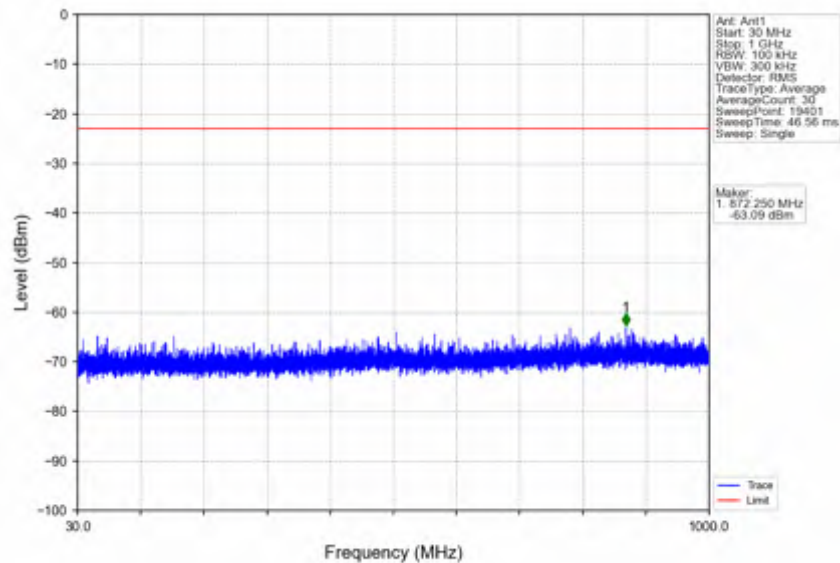


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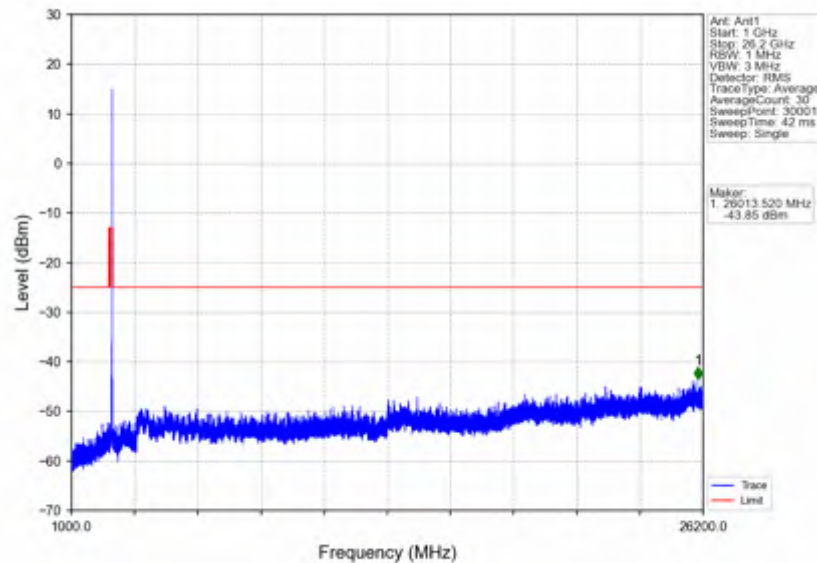
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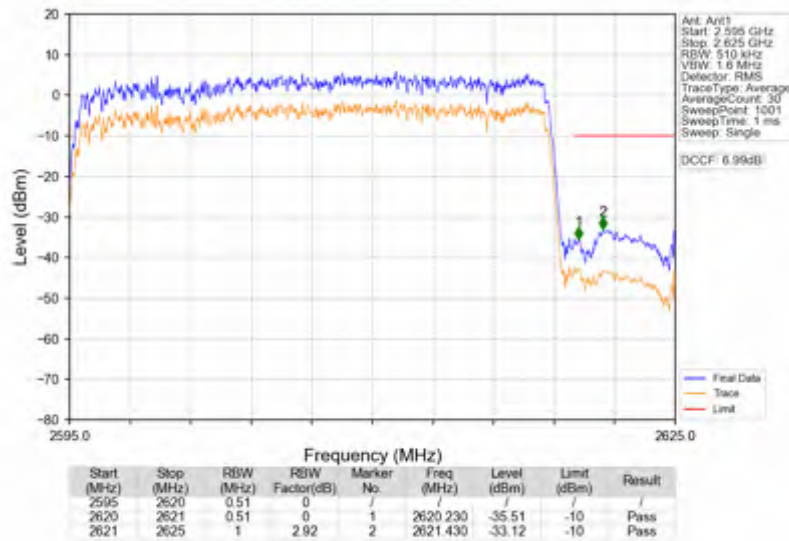
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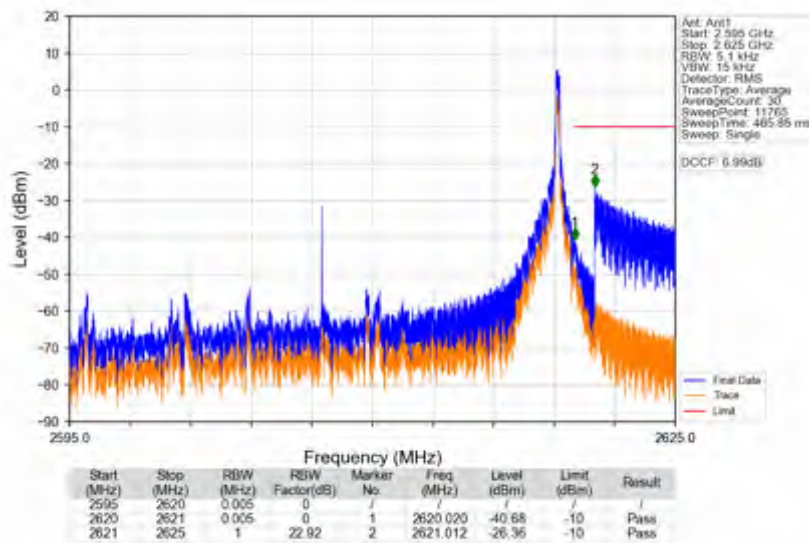
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n38_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM PI/2 BPSK_2607.5MHz_Outer_Full



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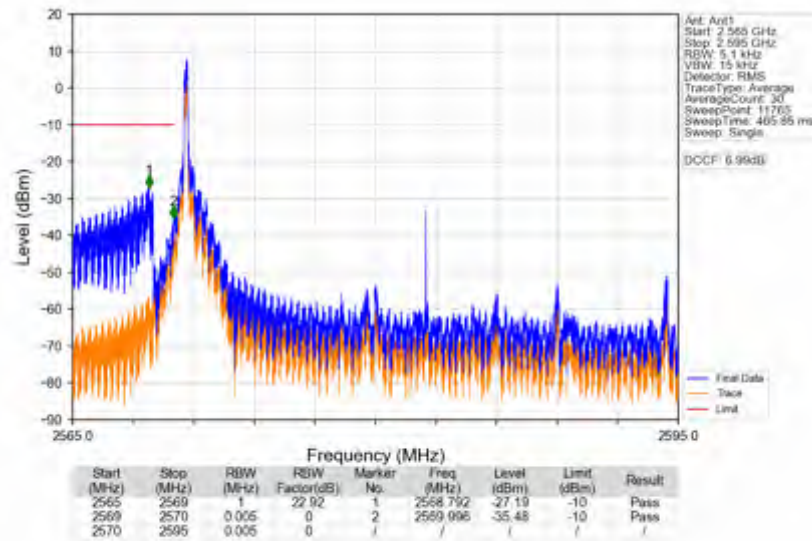
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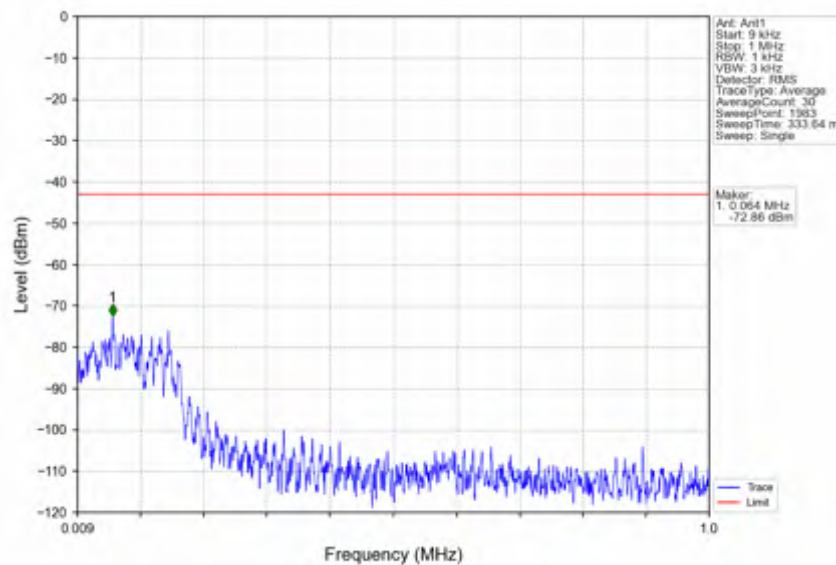
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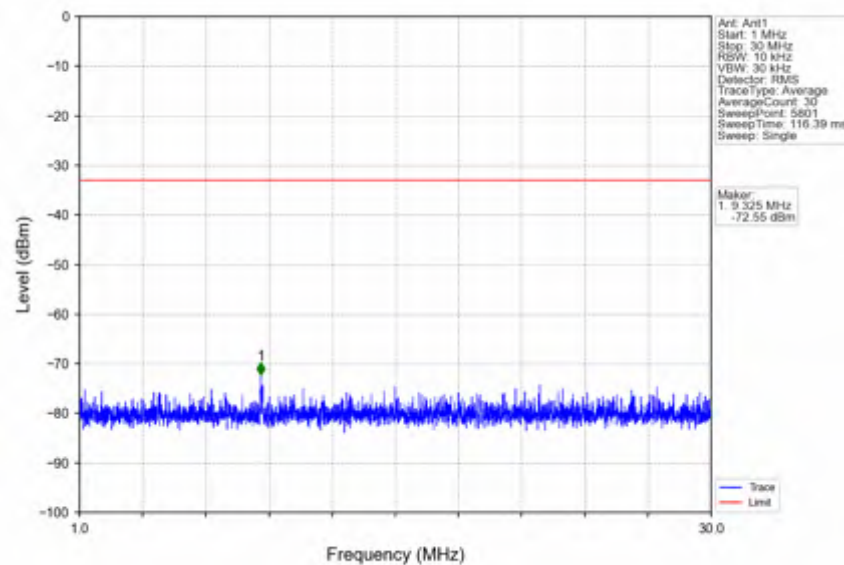


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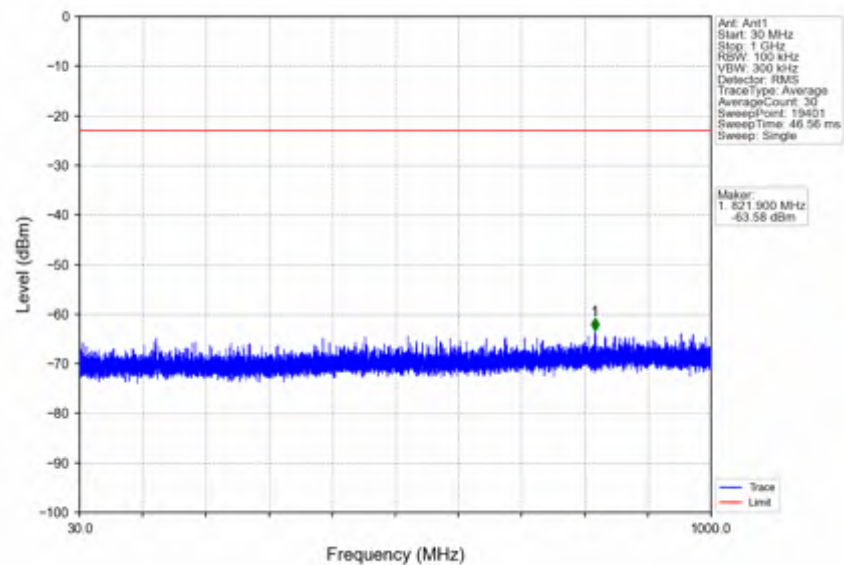
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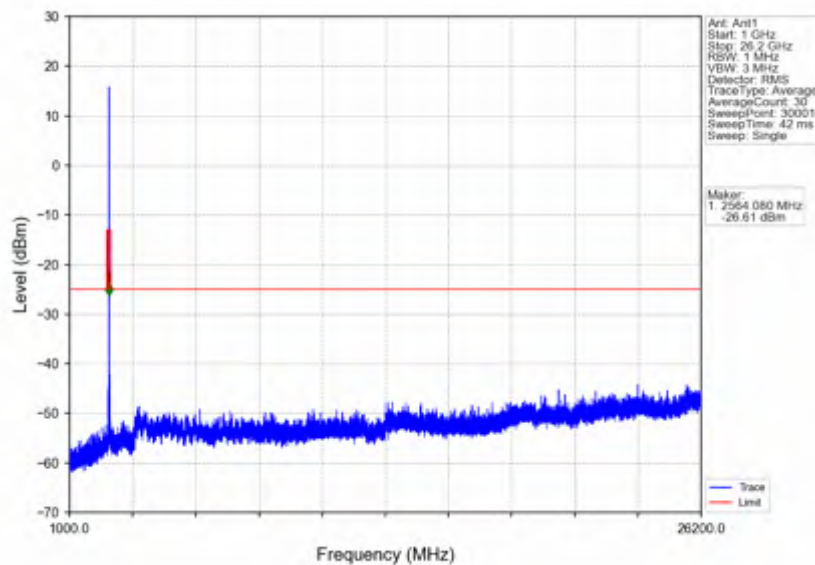
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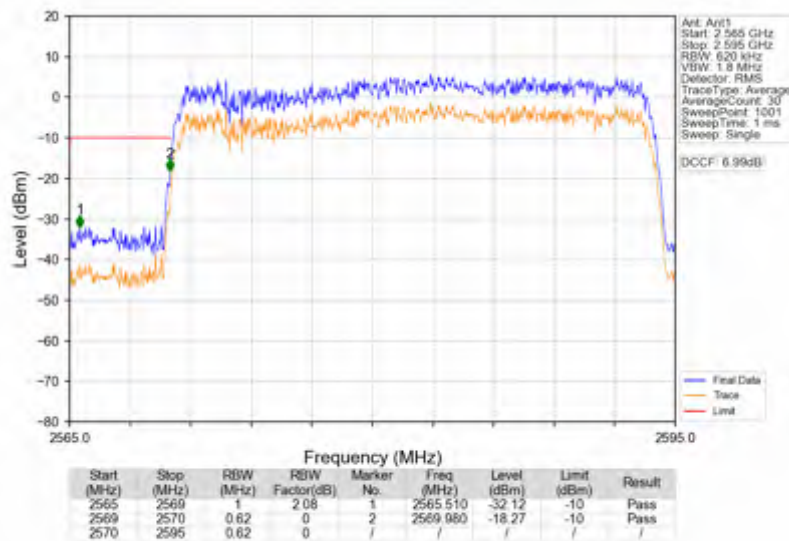
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n38_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2582.5MHz_Edge_1RB_Left



n38	15kHz	SISO	NTNV	25MHz	DFT-s-OFDM	QPSK	2582.5MHz	Outer	Full
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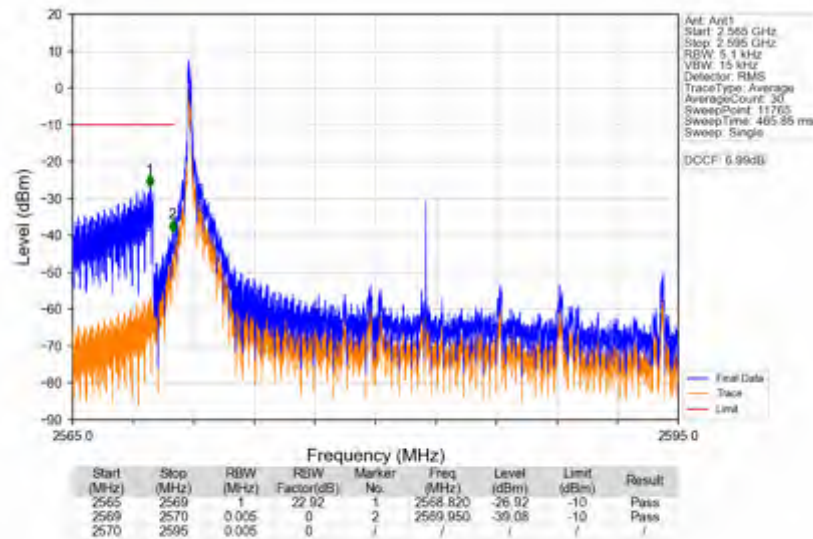
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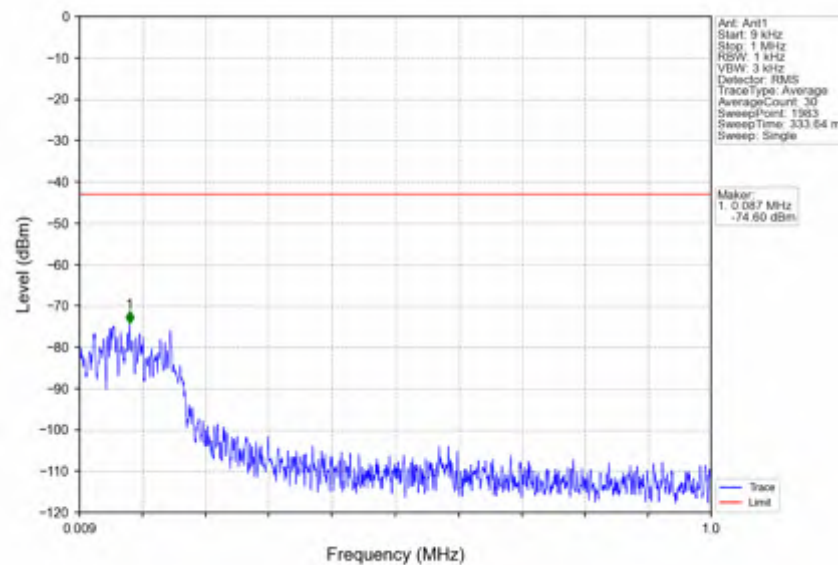
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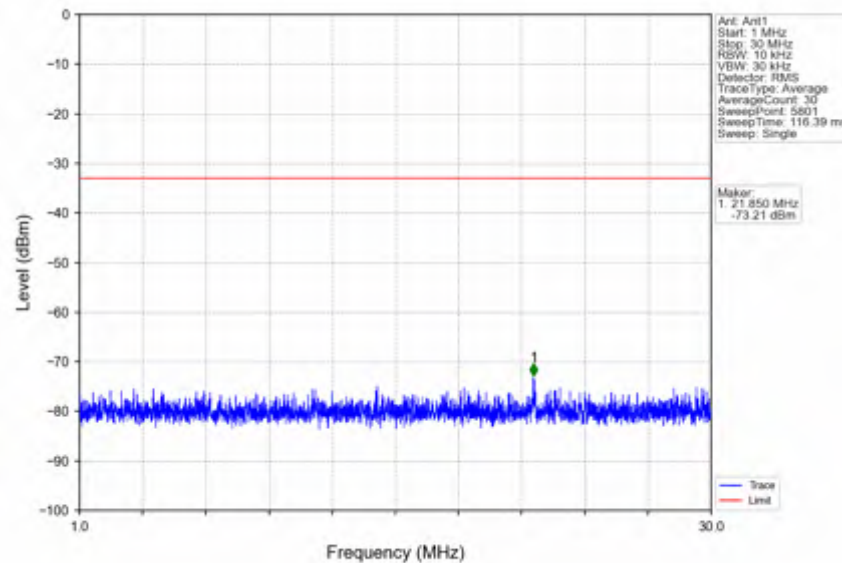


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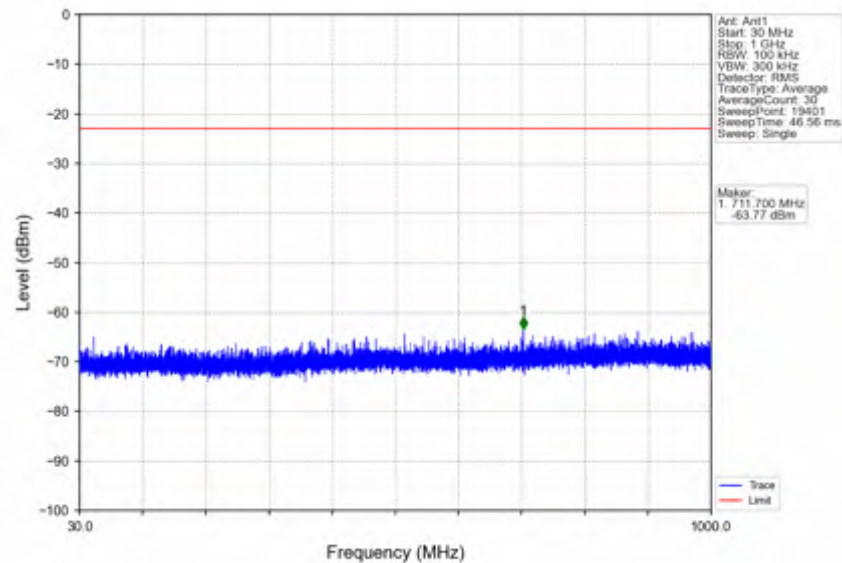
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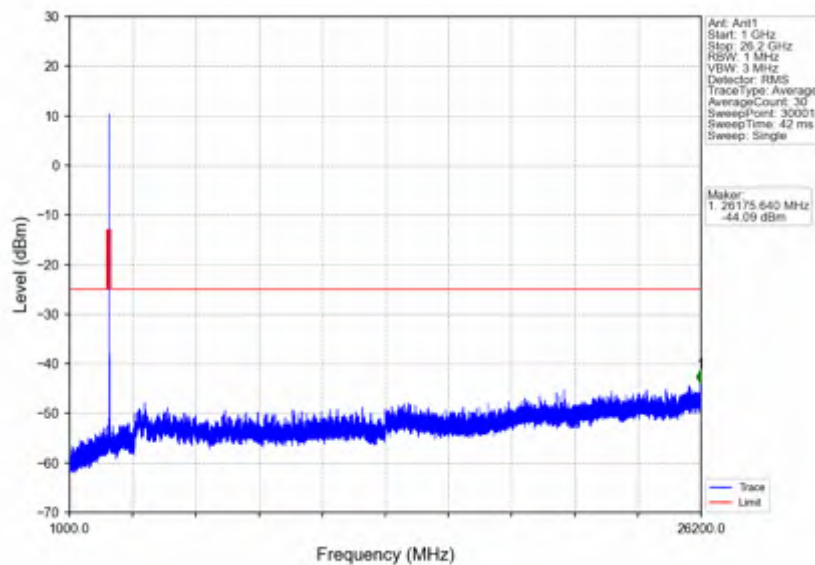
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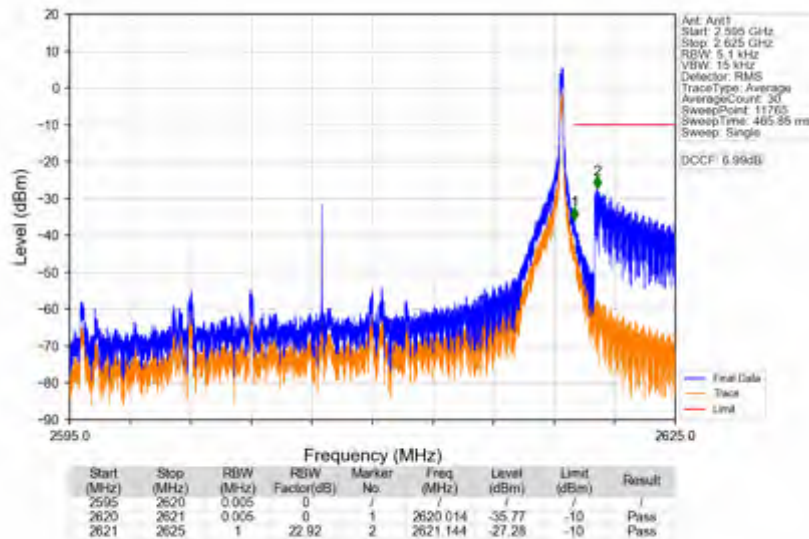
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n38_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_2607.5MHz_Edge_1RB_Right



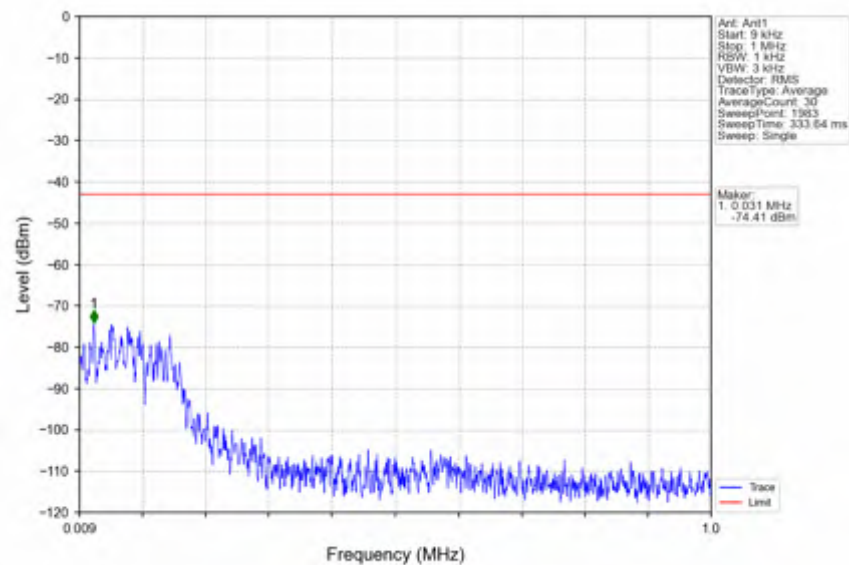
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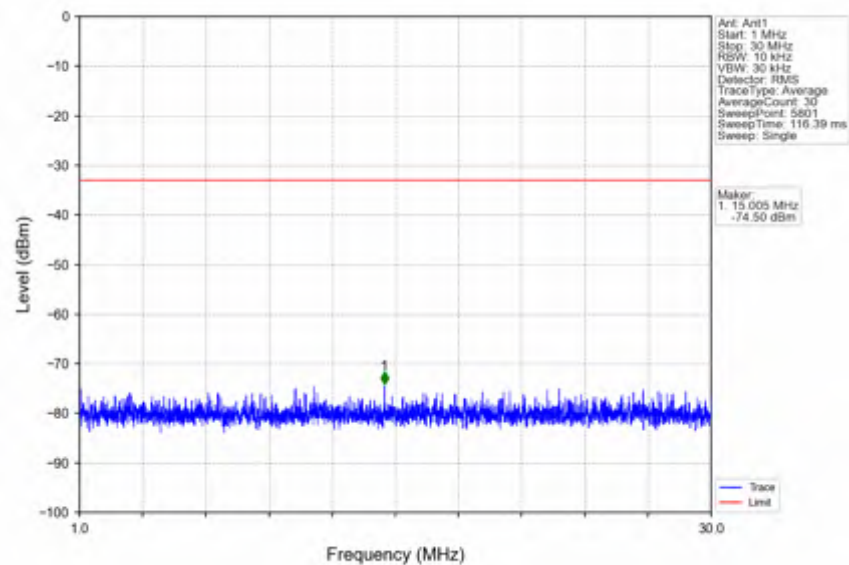
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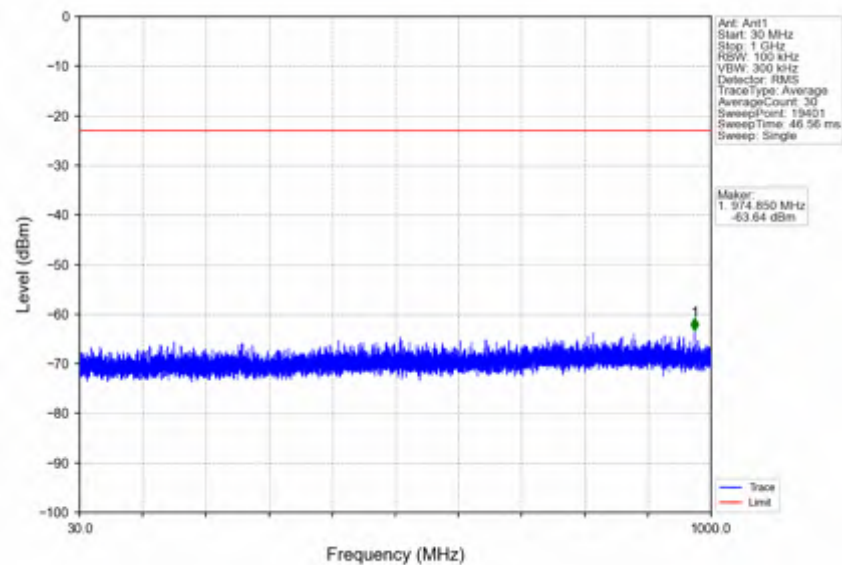
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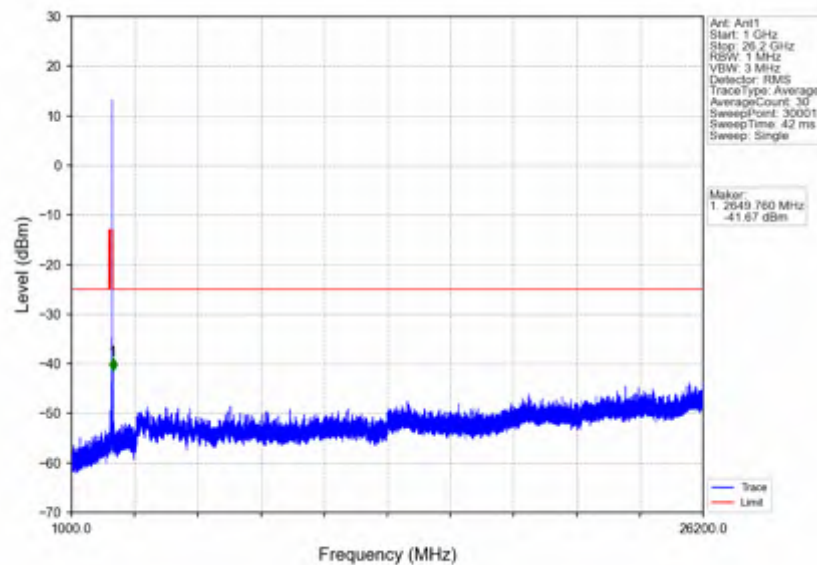
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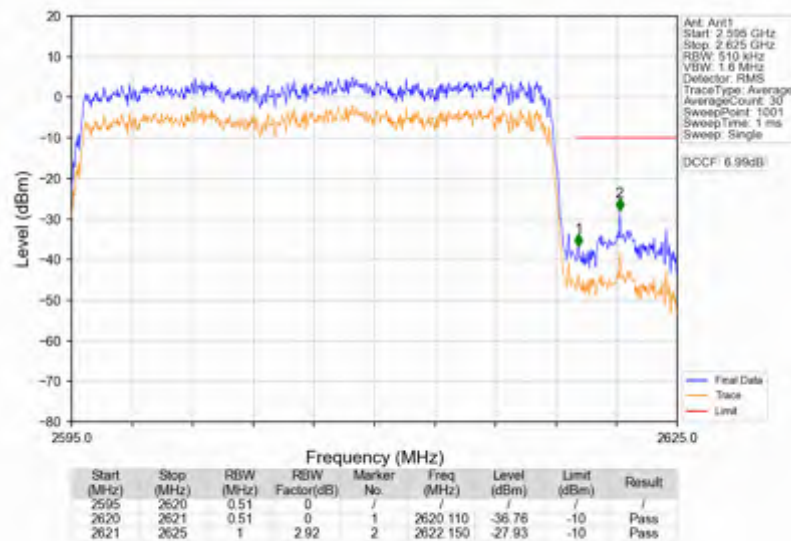


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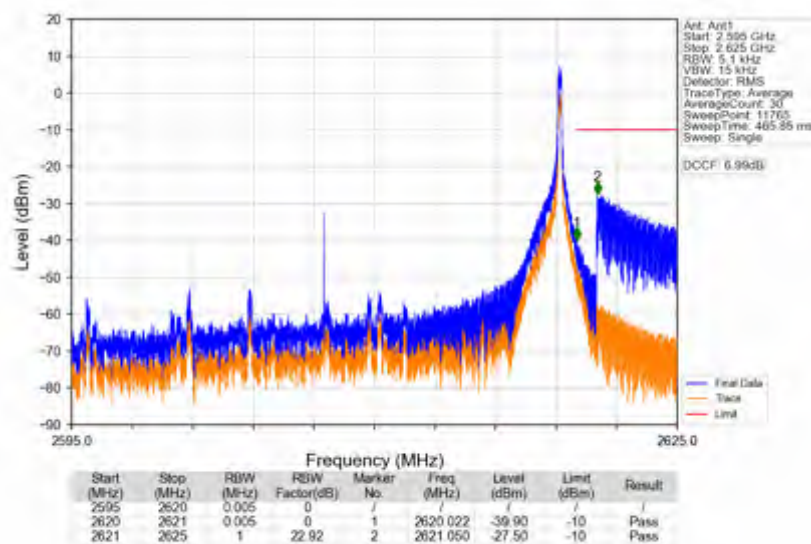
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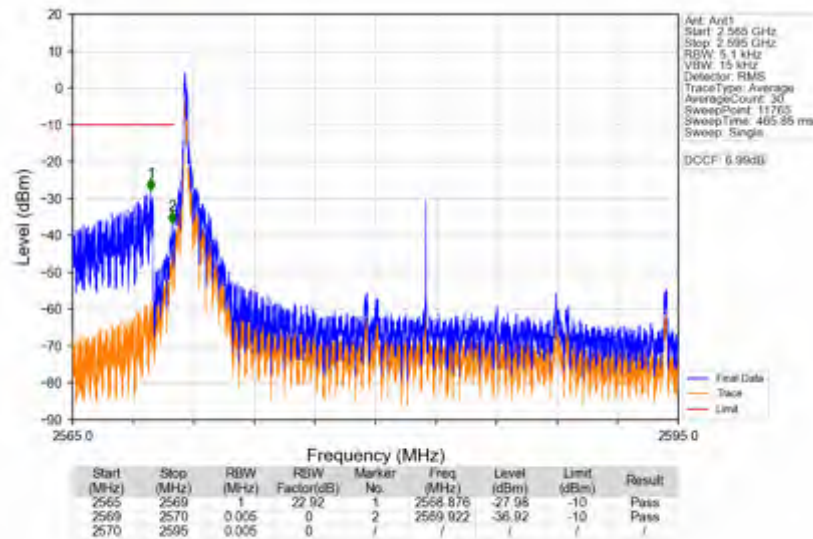
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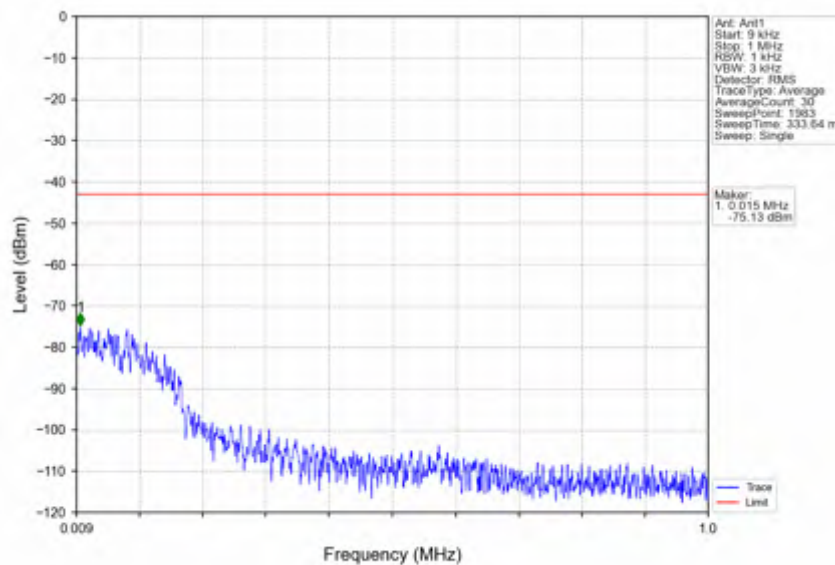
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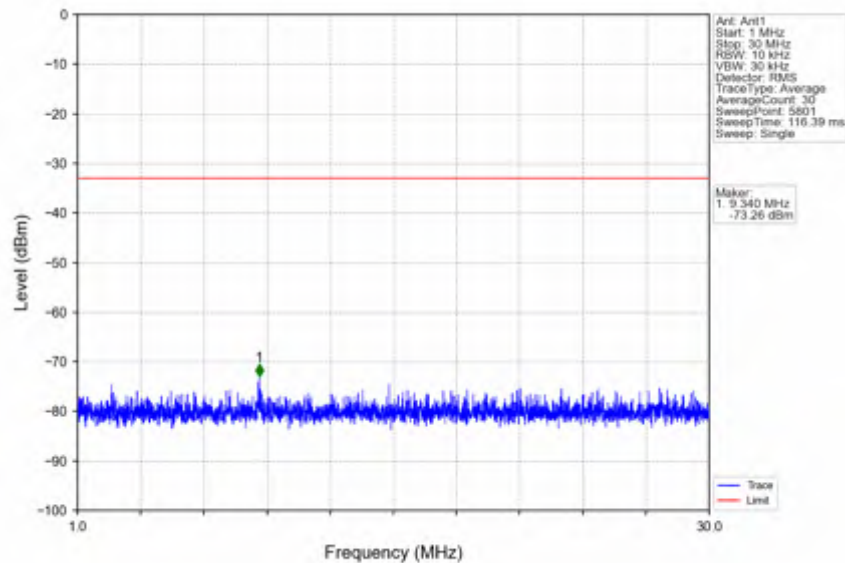


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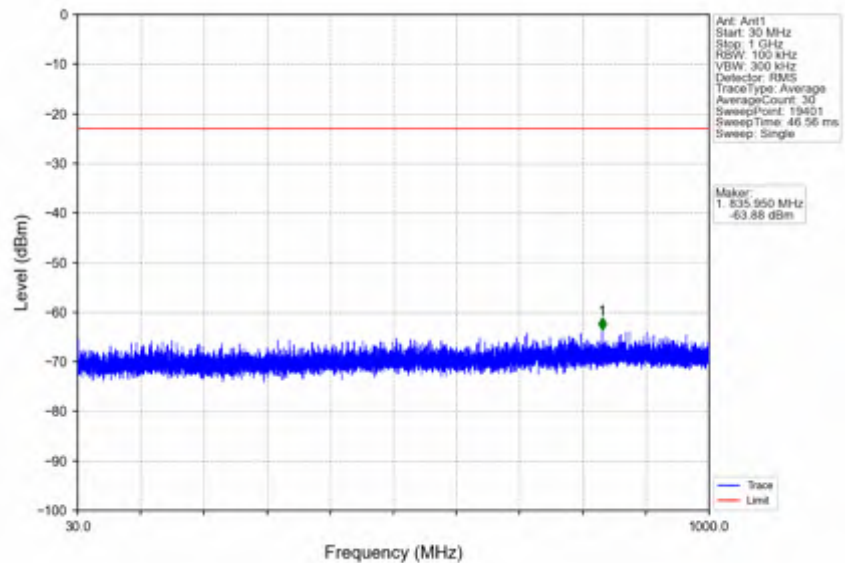
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n38_15kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2582.5MHz_Edge_1RB_Left



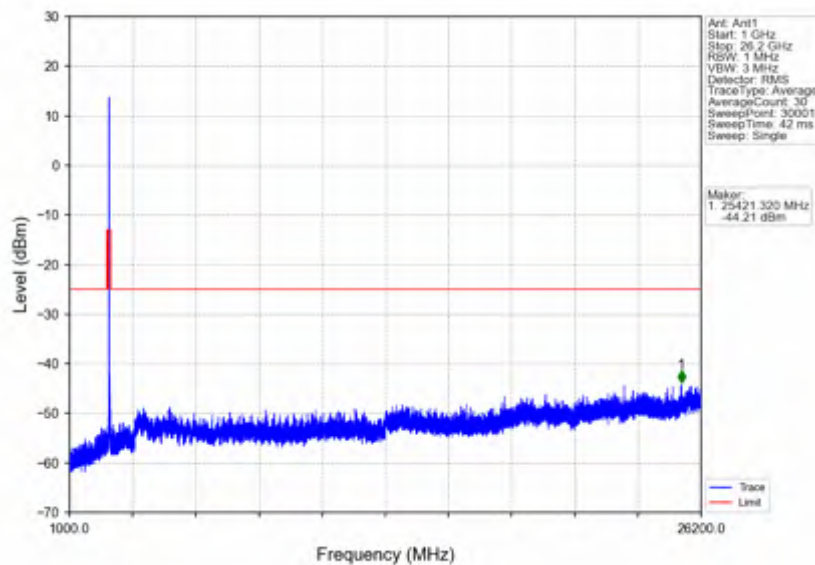
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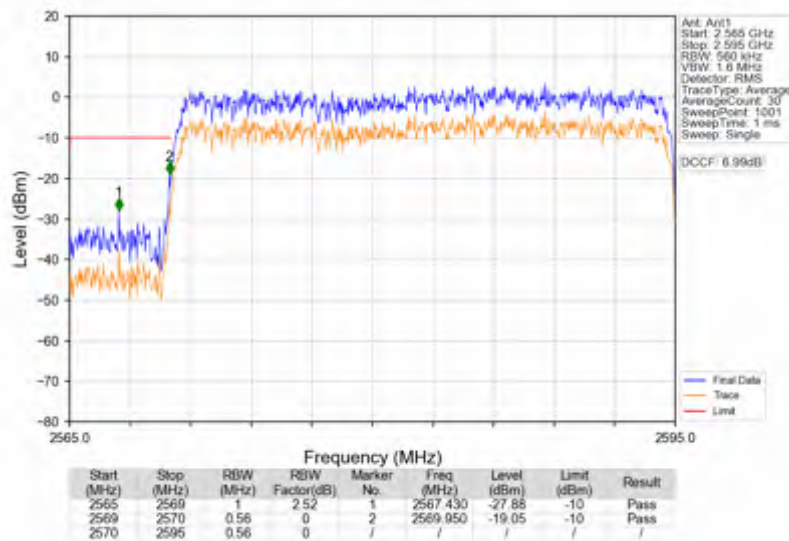
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n38_15kHz_SISO_NTV_25MHz_CP-OFDM_QPSK_2582.5MHz_Outer_Full



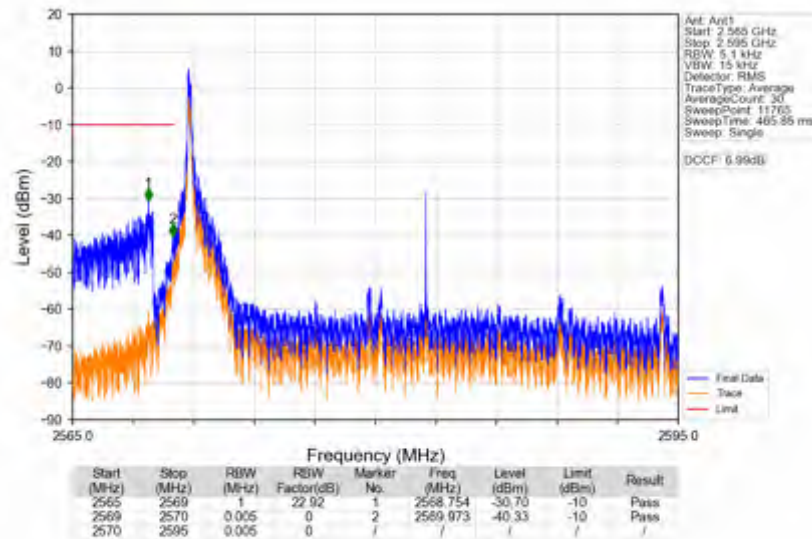
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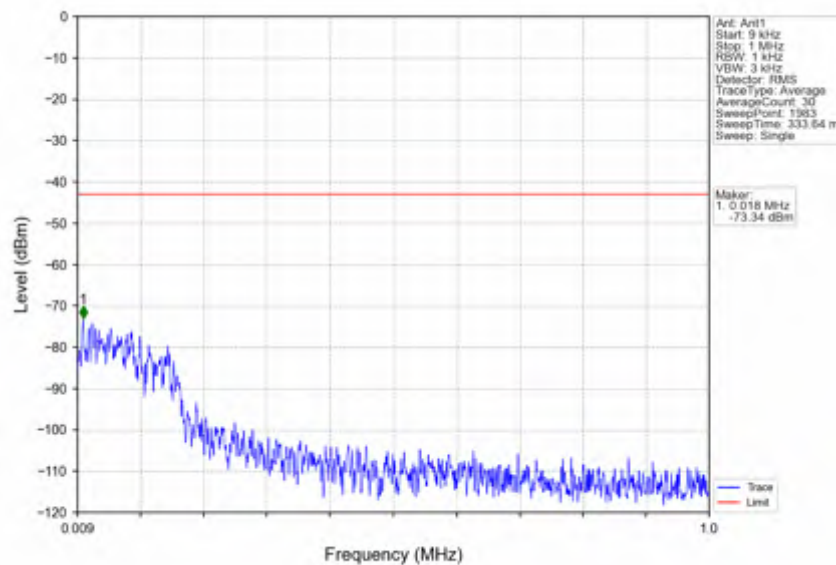
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n38_15kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2582.5MHz_Inner_1RB_Left



n38_15kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2595MHz_Edge_1RB_Left

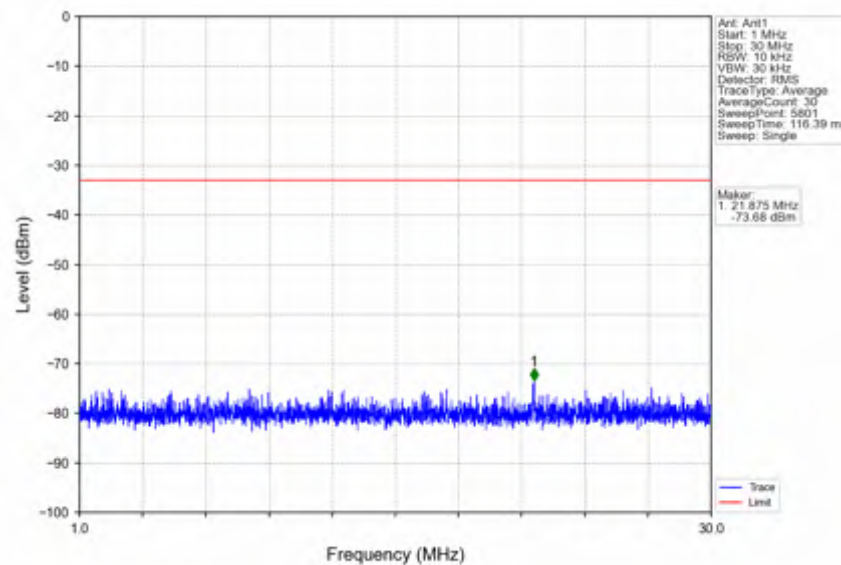


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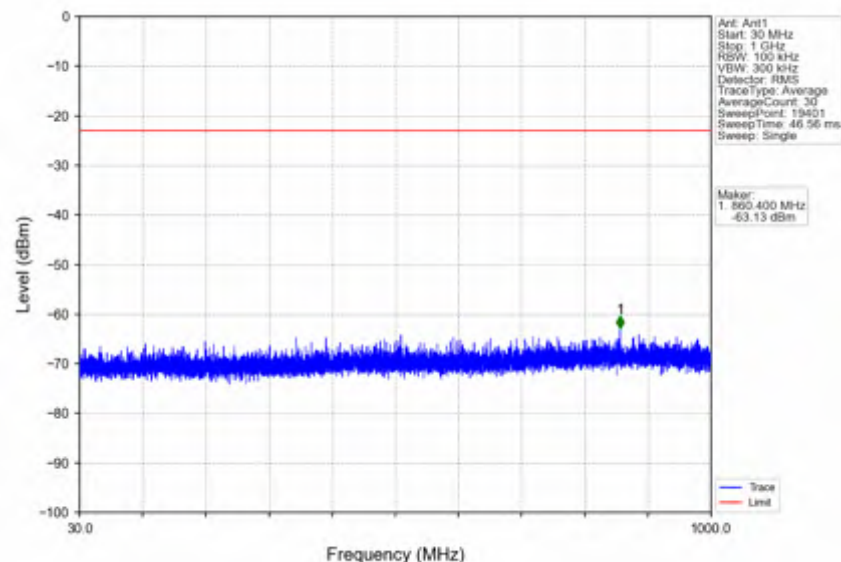
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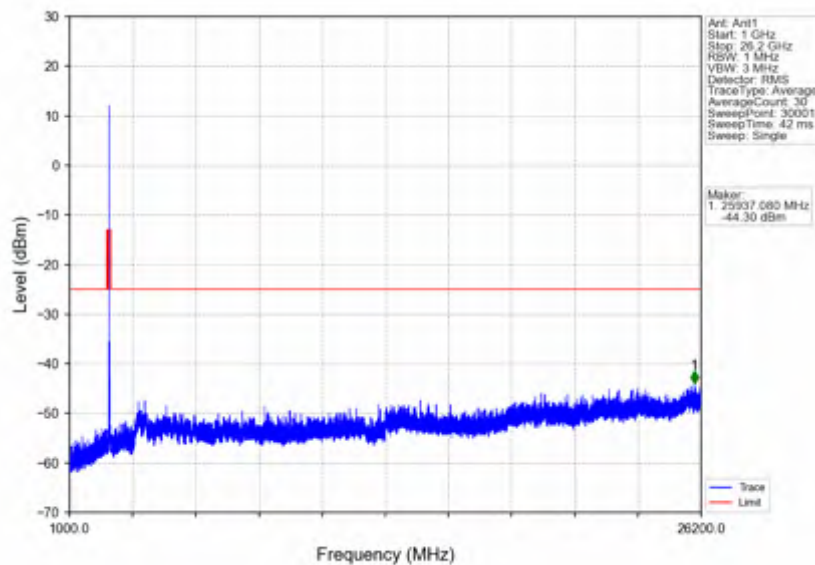
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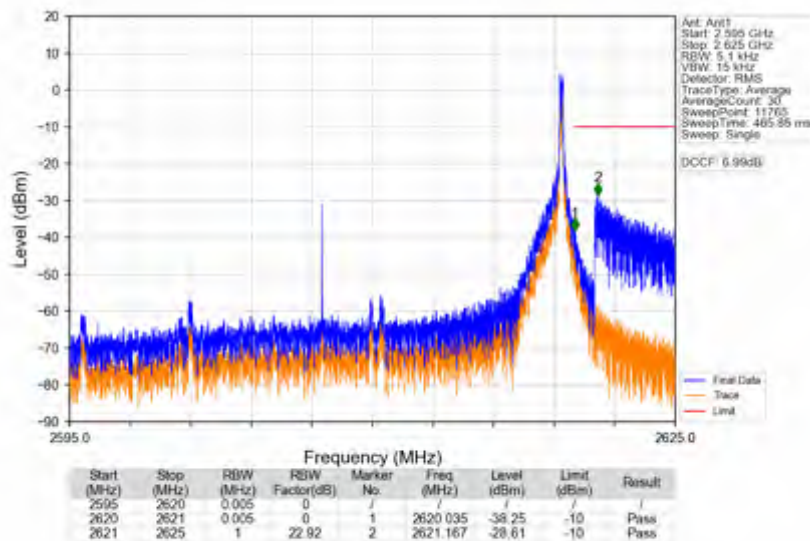
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n38 15kHz SISO NTN 25MHz CP-OFDM QPSK 2595MHz Edge 1RB Left



n38 15kHz SISO NTN 25MHz CP-OFDM QPSK 2607.5MHz Edge 1RB Right

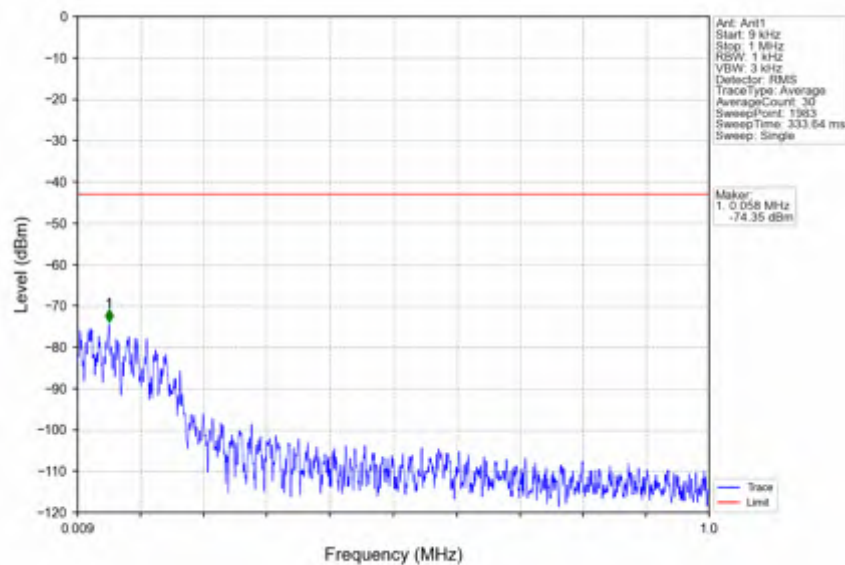


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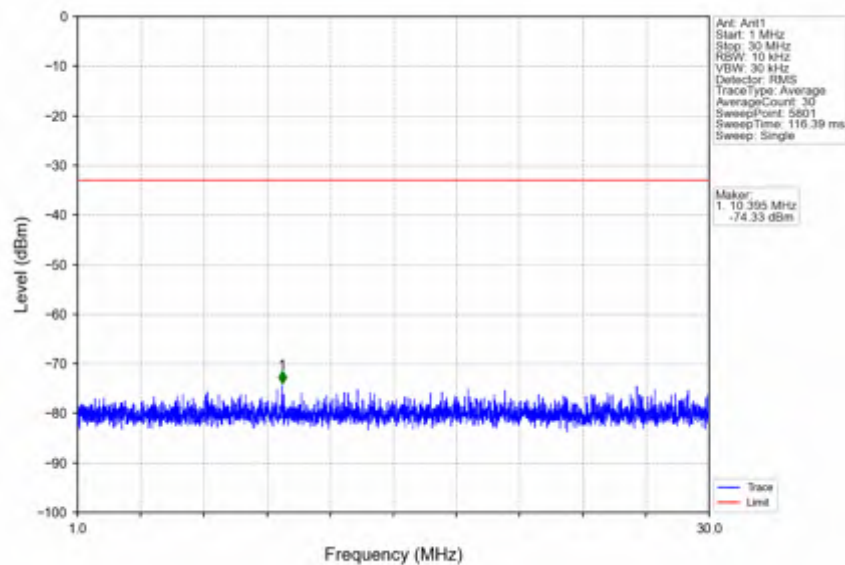
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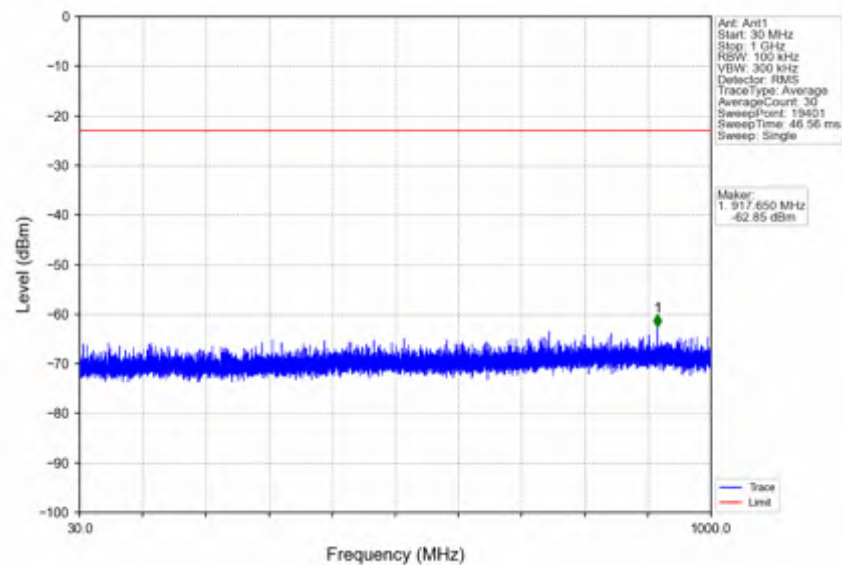
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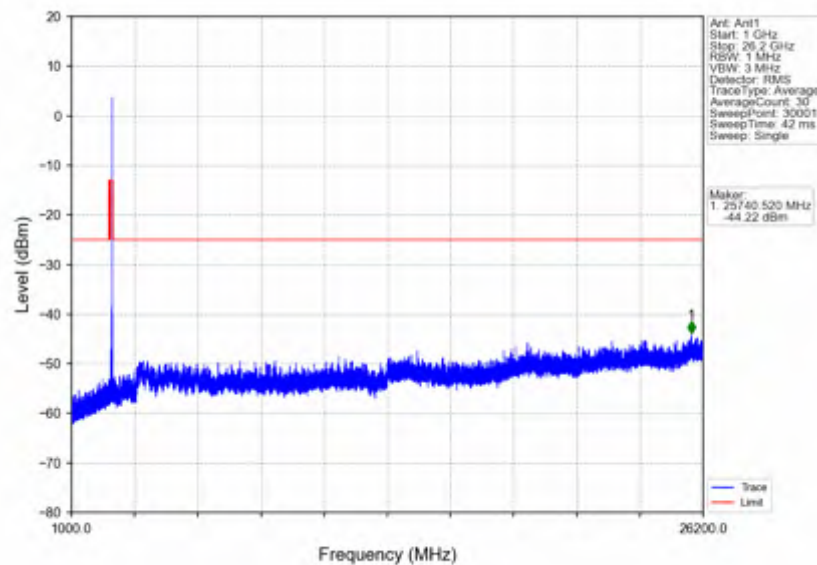
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n38_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2607.5MHz_Edge_1RB_Right



n38 15kHz SISO NTN 25MHz CP-OFDM QPSK 2607.5MHz Edge 1RB Right

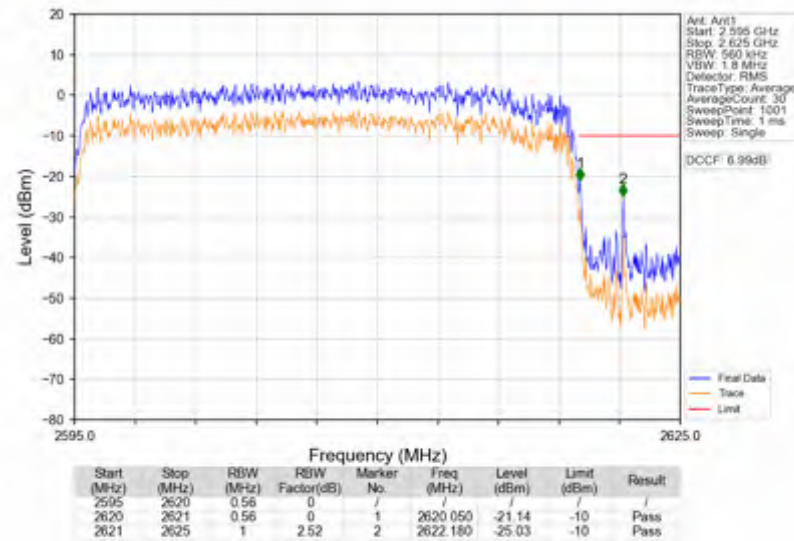


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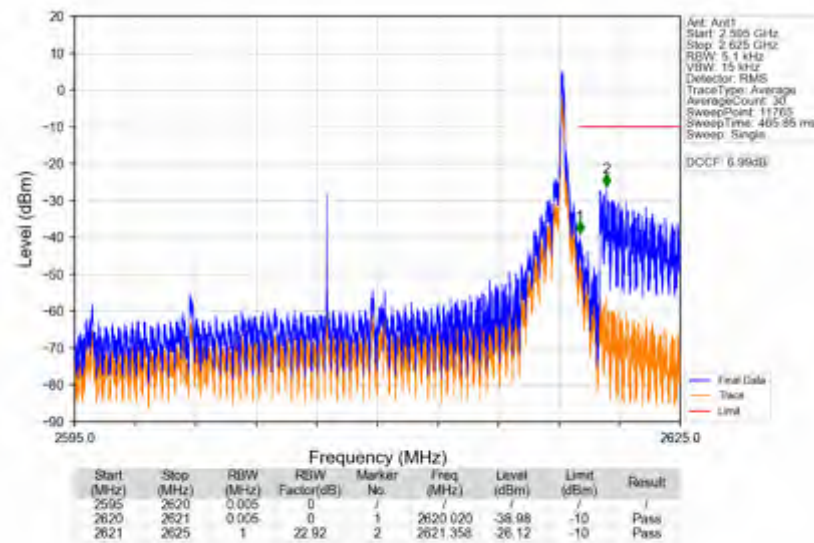
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n38_15kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2607.5MHz_Outer_Full



n38_15kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2607.5MHz_Inner_1RB_Right



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5.6 15k_SISO_30MHz_NTNV

5.6.1 Test Result

5G NR n38 SCS=15kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	2585	Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
	2605	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	2585	Inner 1RB Right	Refer To Test Graph			Pass
	2595	Edge 1RB Left	Refer To Test Graph			Pass
		Edge 1RB Right	Refer To Test Graph			Pass
	2605	Outer Full	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
CP-OFDM QPSK	2585	Edge 1RB Left	Refer To Test Graph			Pass
	2595	Outer Full	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
	2605	Edge 1RB Left	Refer To Test Graph			Pass
		Edge 1RB Right	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass



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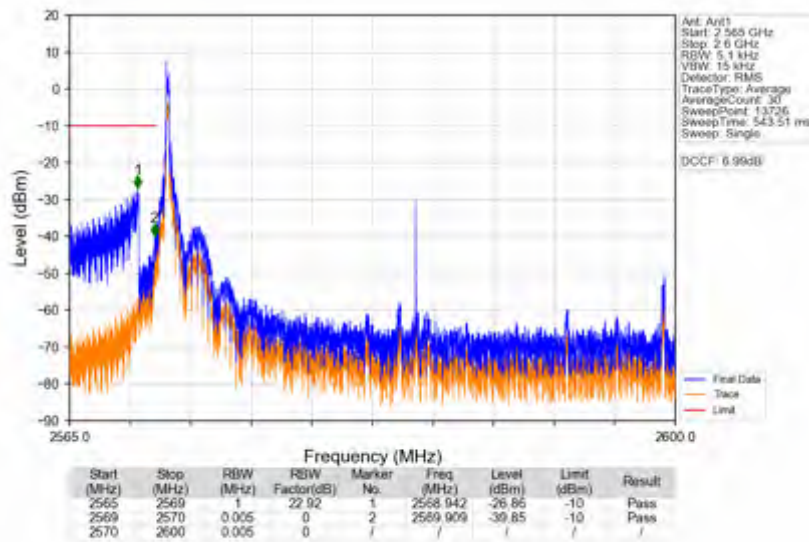
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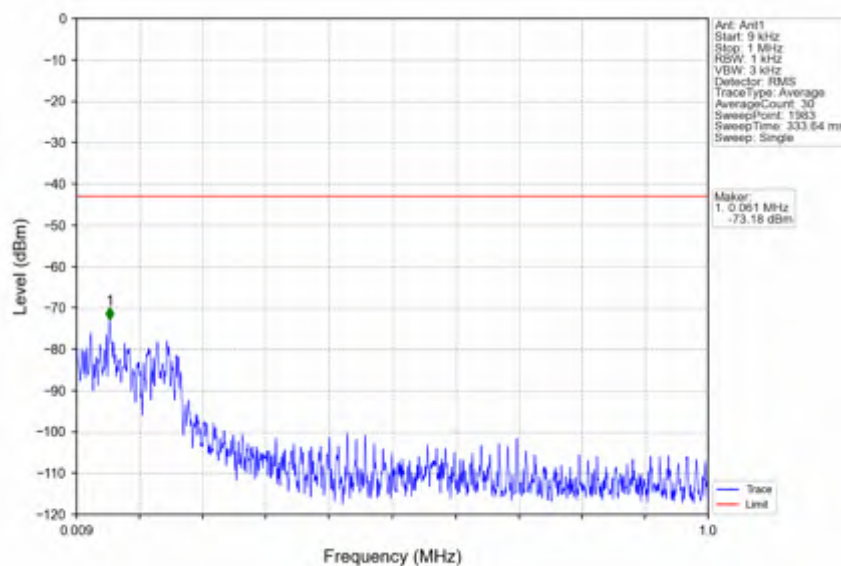
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5.6.2 Test Graph

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n38_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_2585MHz_Edge_1RB_Left



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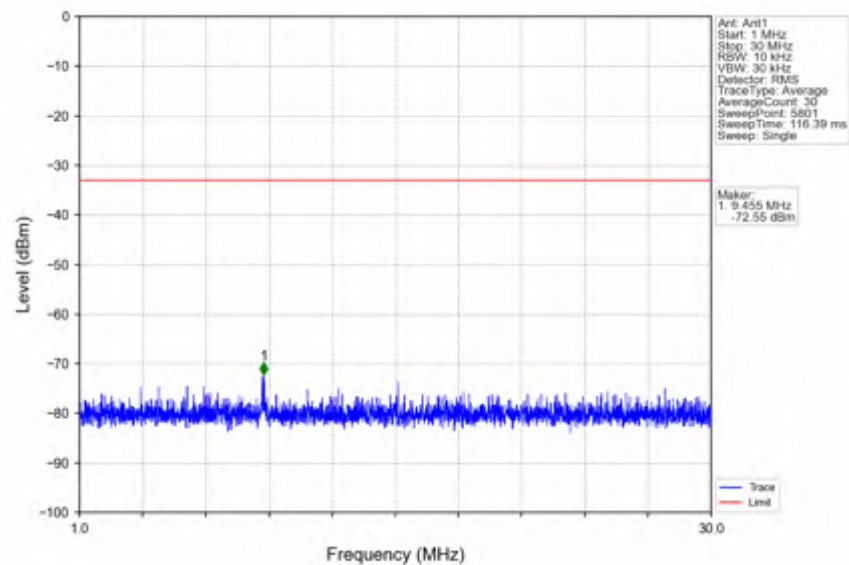
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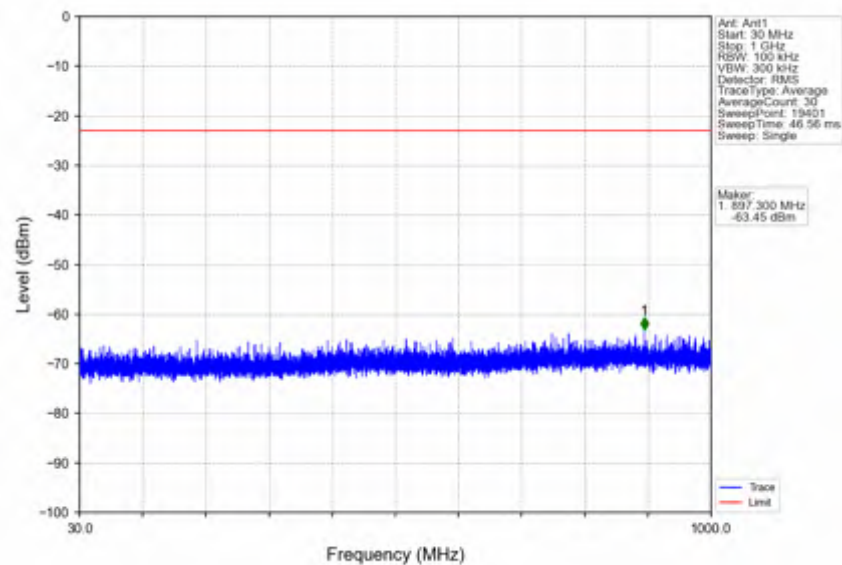
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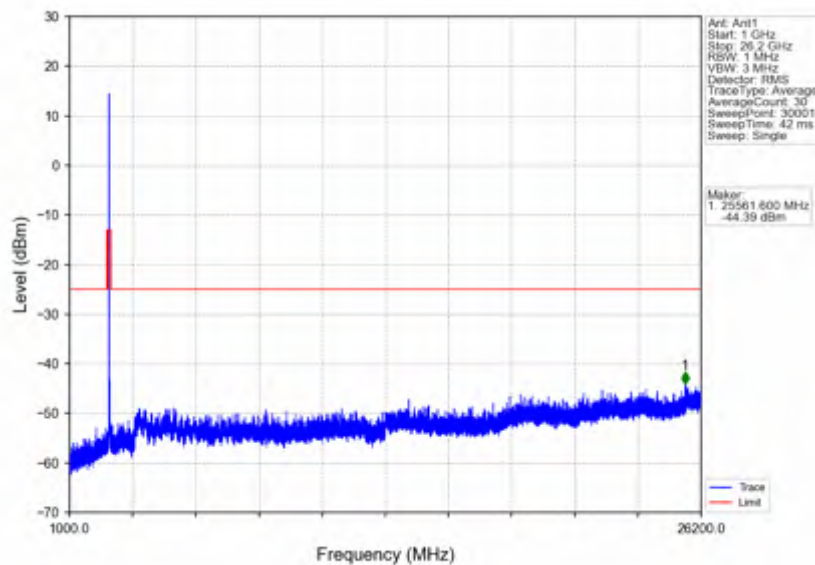
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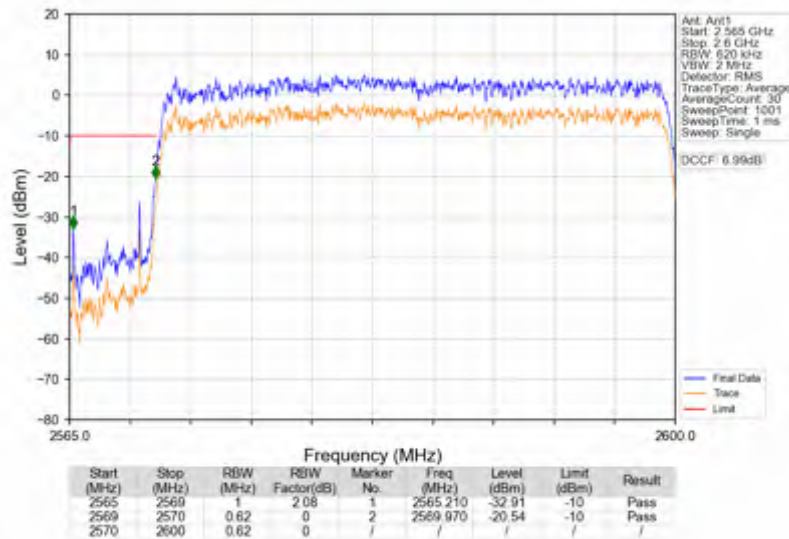
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n38_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_2585MHz_Outer_Full



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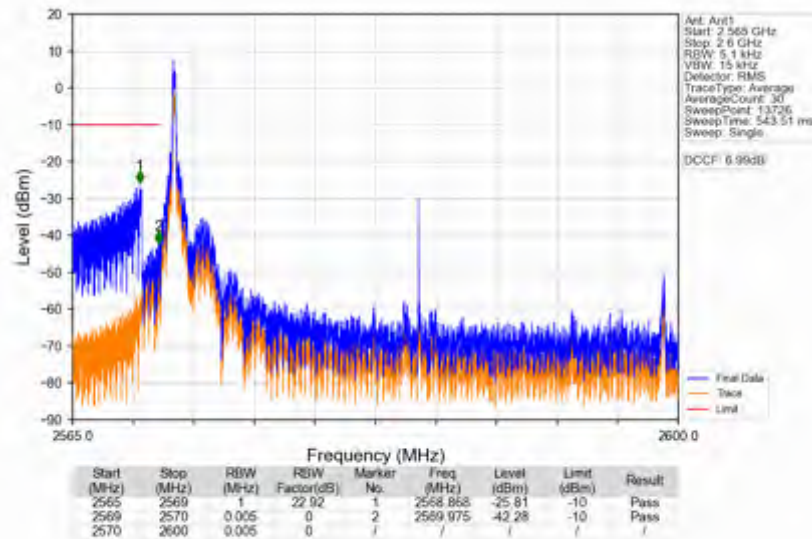
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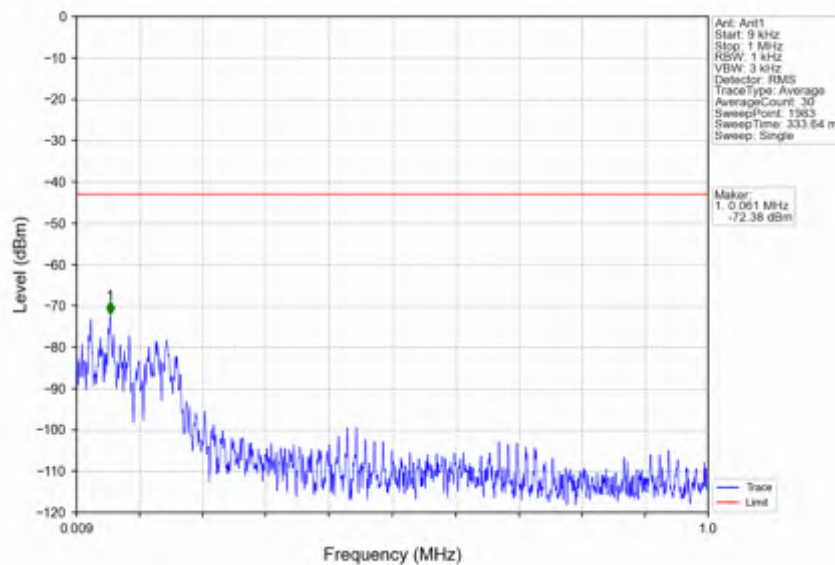
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n38_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_2595MHz_Edge_1RB_Left

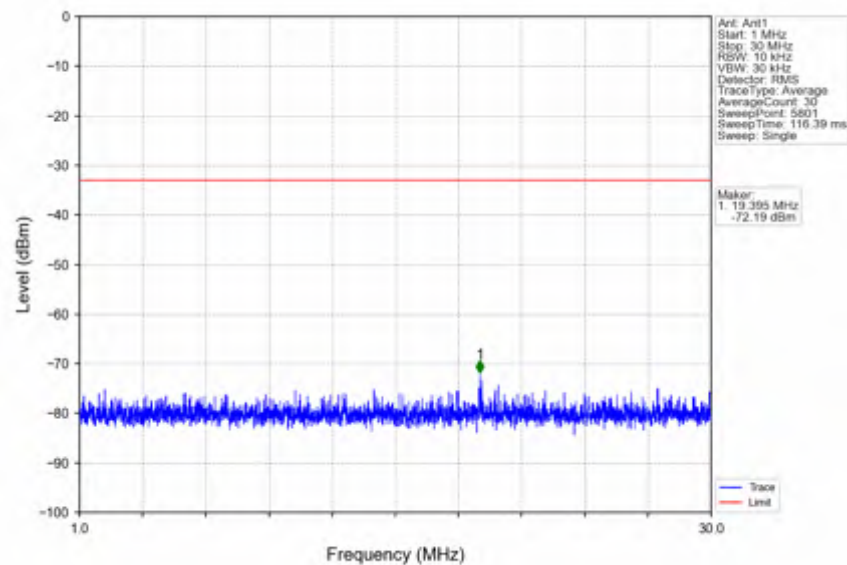


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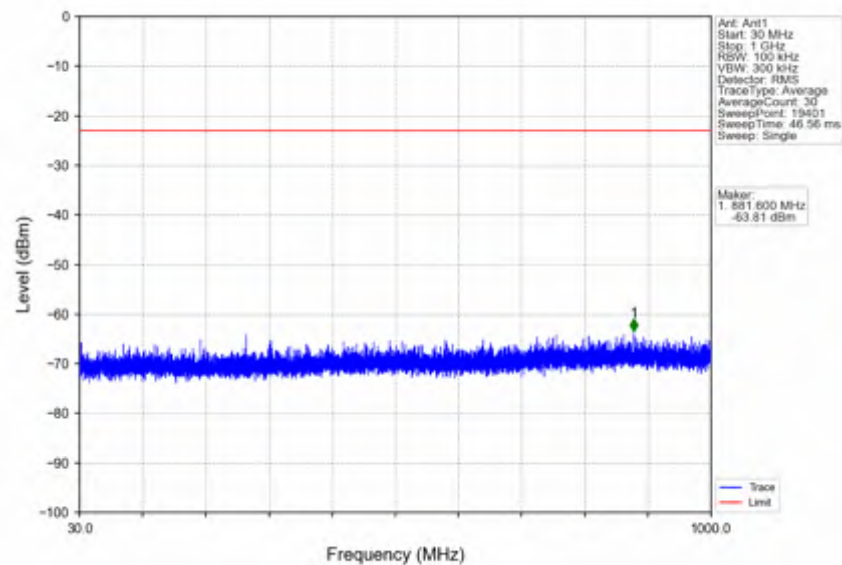
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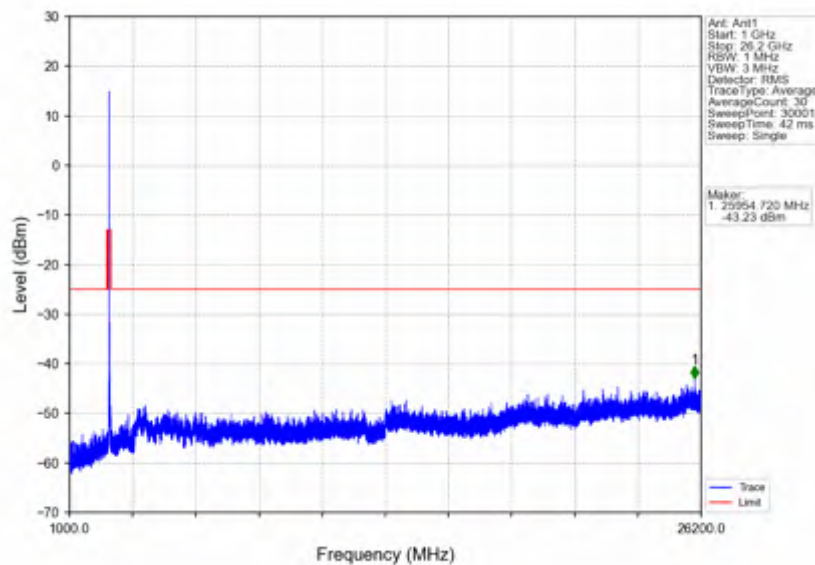
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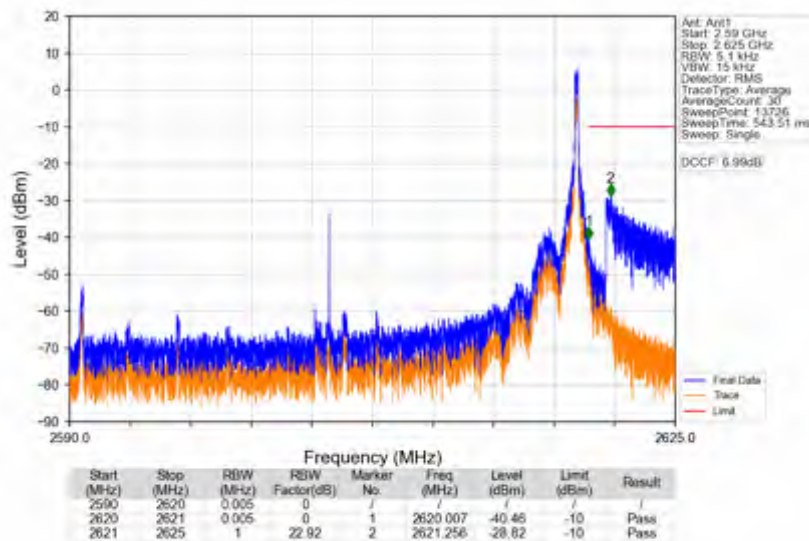
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n38_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_2605MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.005	0	1	2620.007	-40.46	-10	Pass
2620	2621	0.005	0	1	2620.007	-40.46	-10	Pass
2621	2625	1	22.92	2	2621.256	-28.82	-10	Pass



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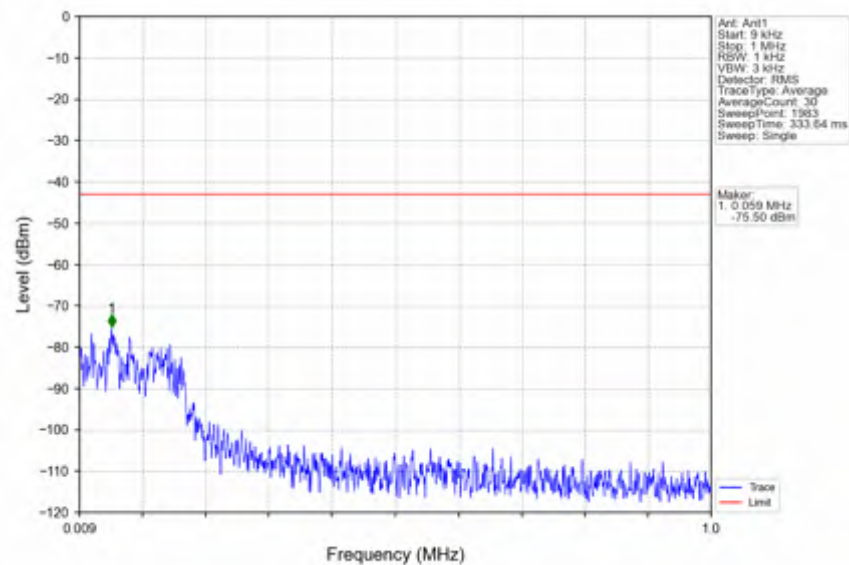
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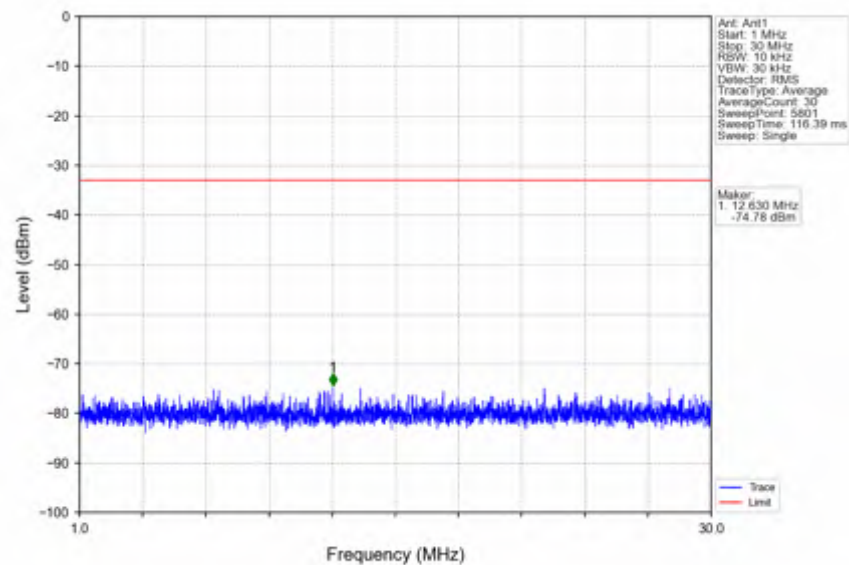
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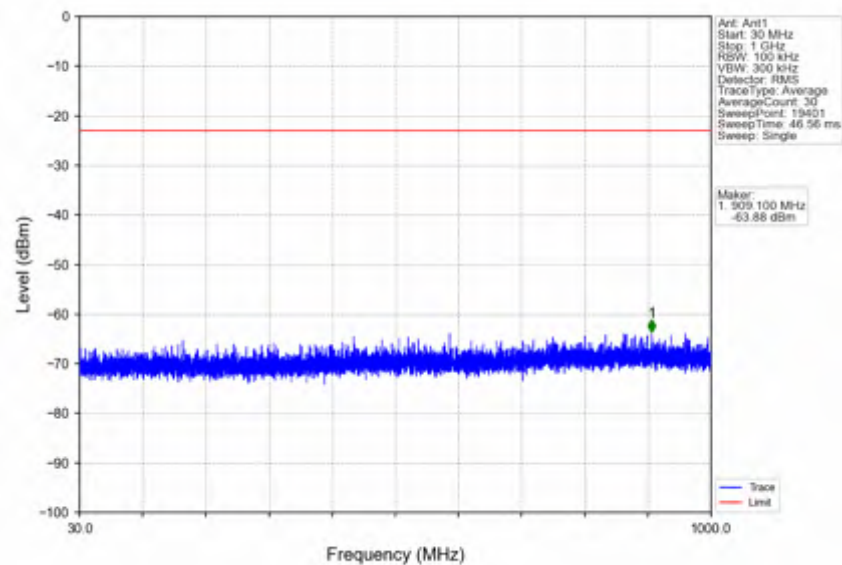
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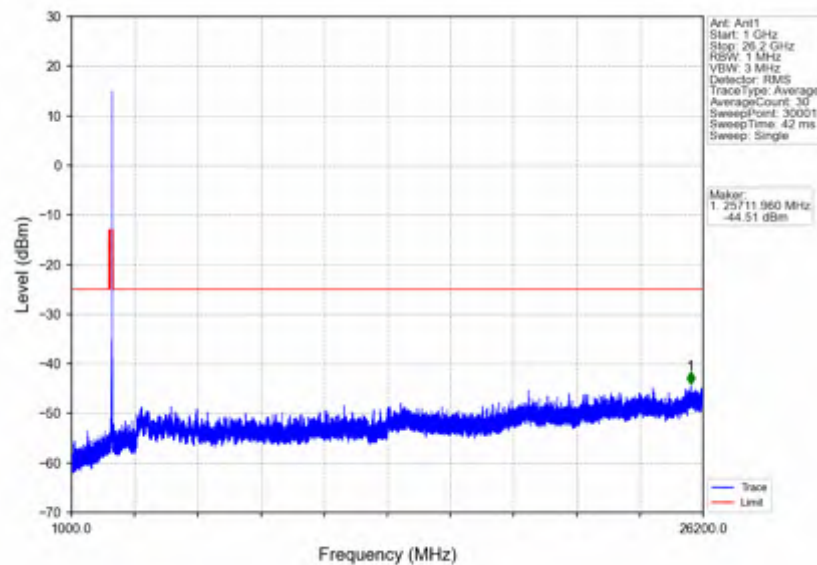
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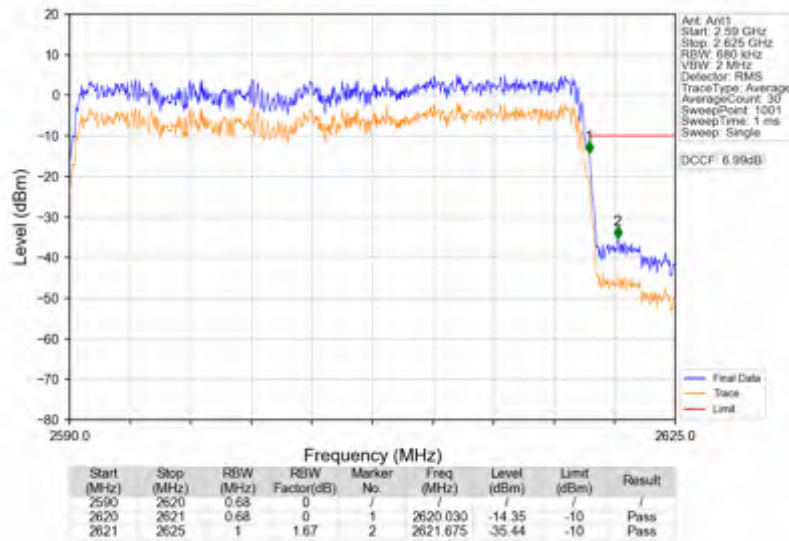
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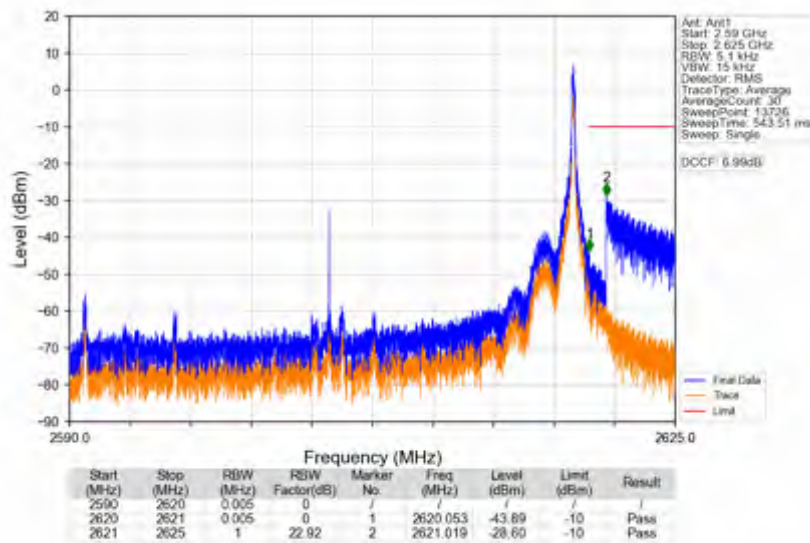
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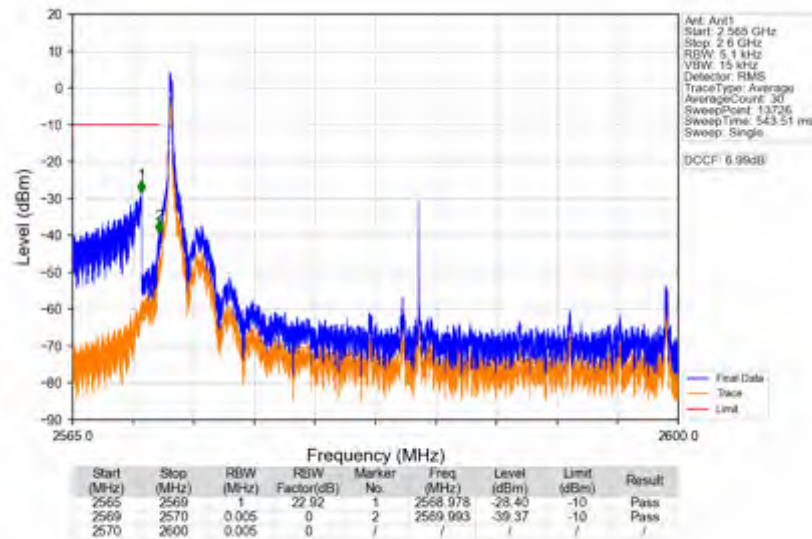
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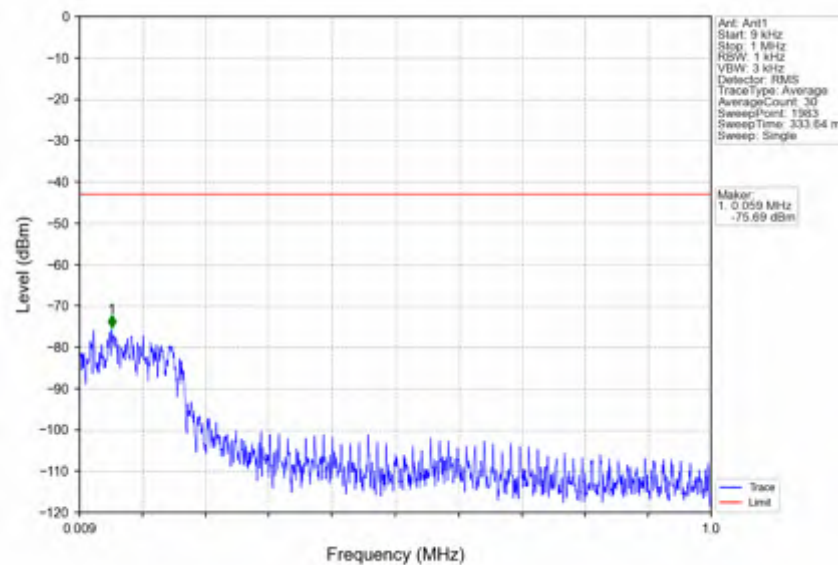
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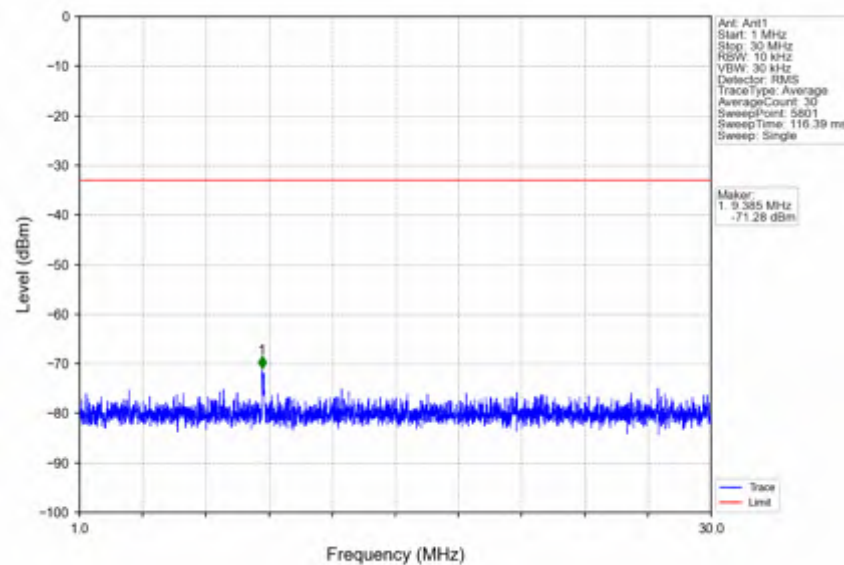


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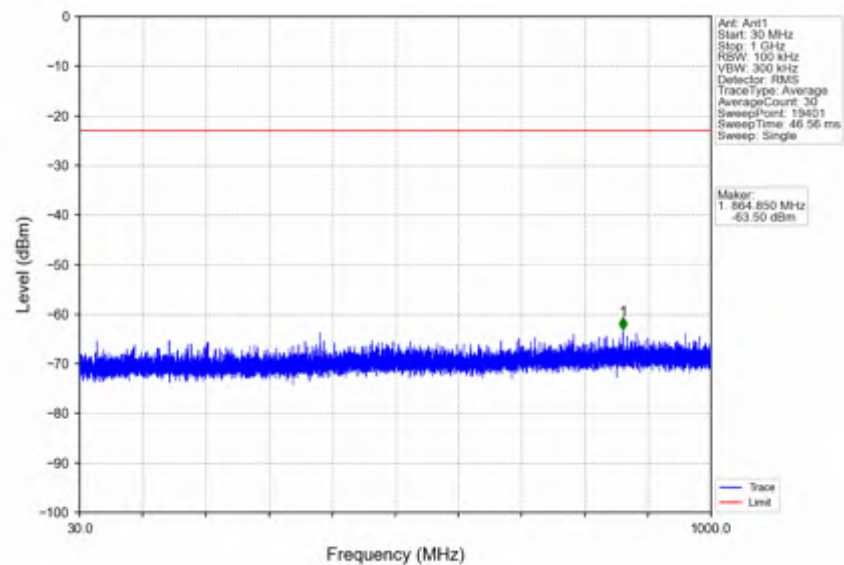
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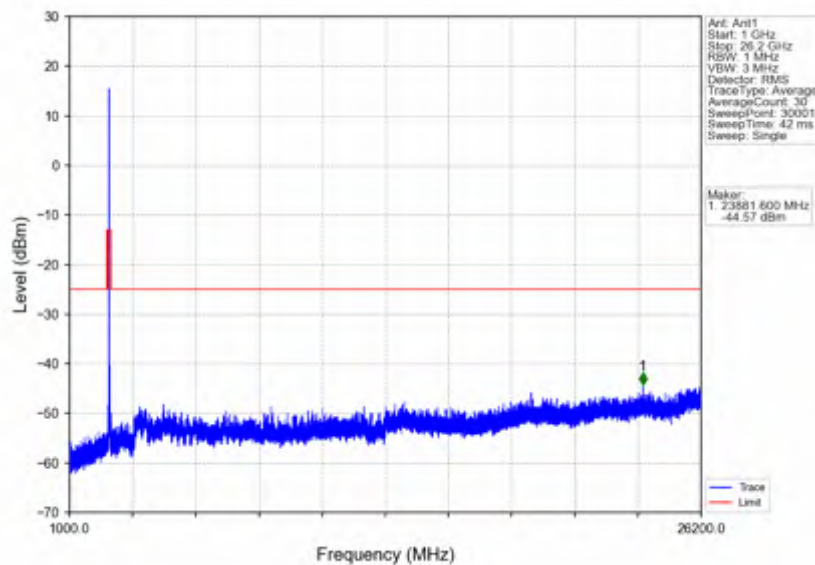
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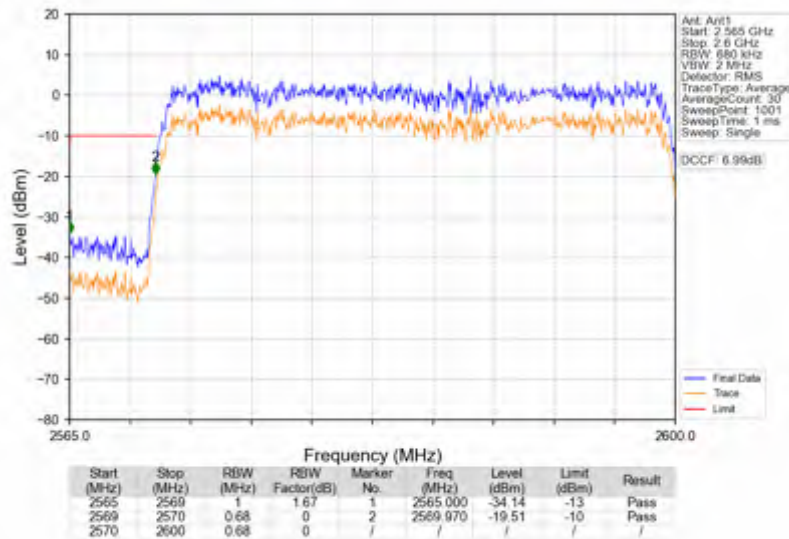
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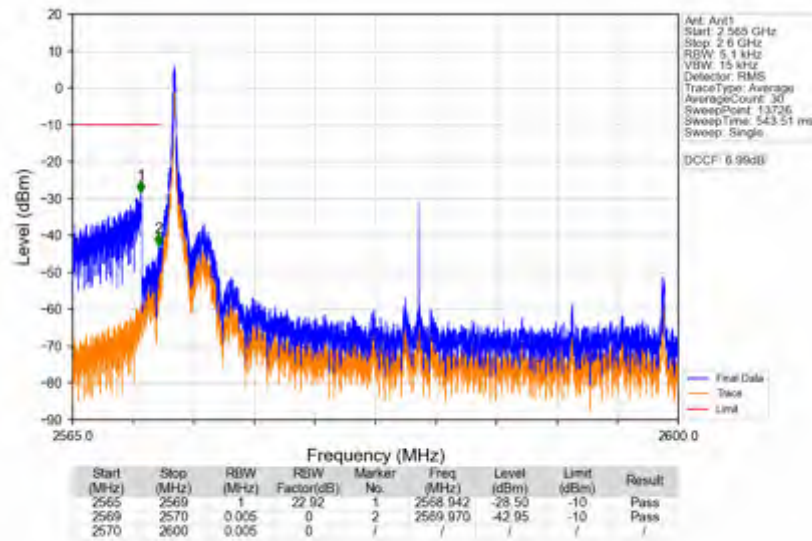


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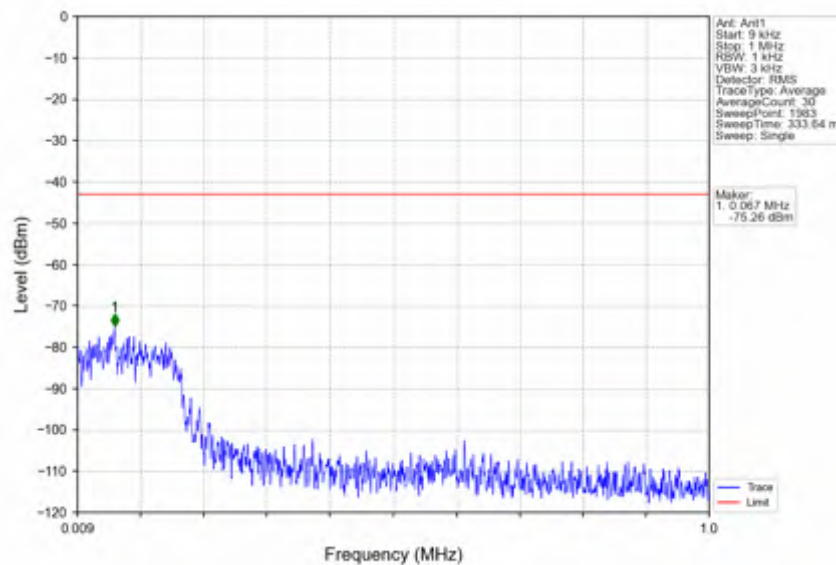
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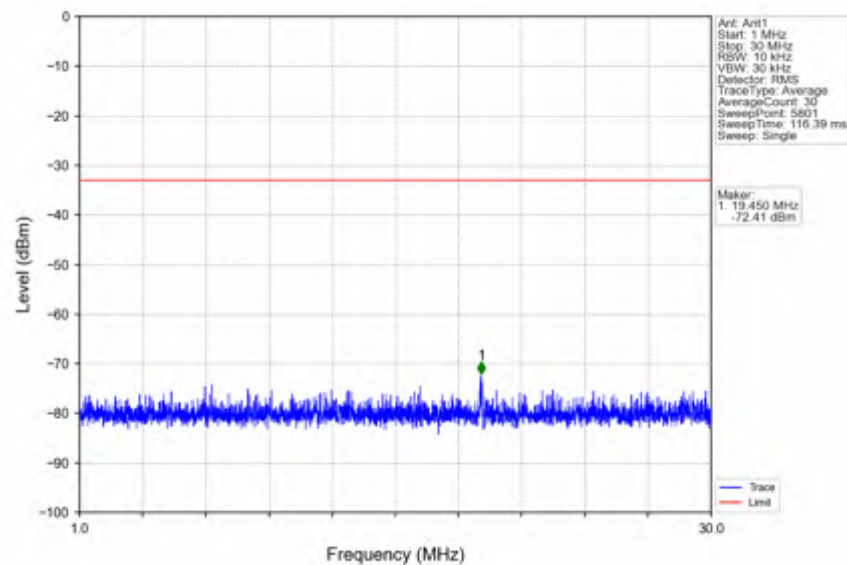


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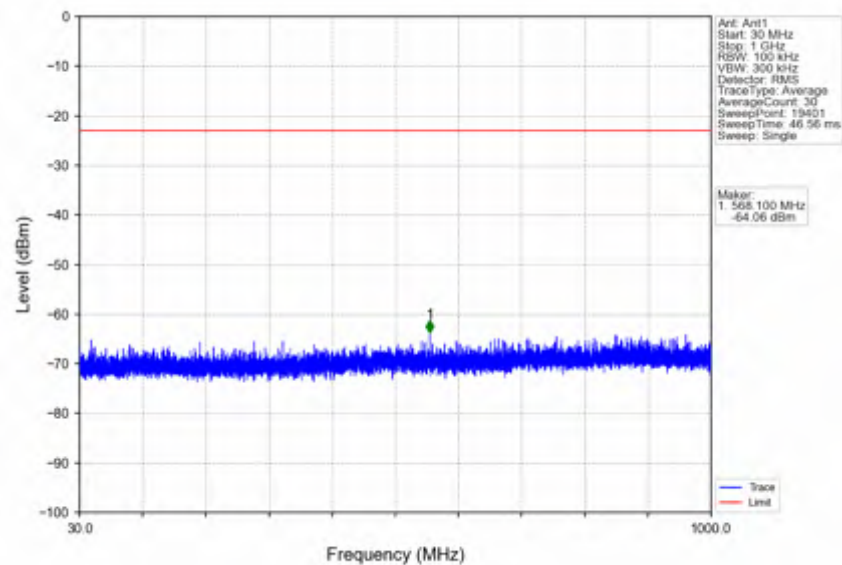
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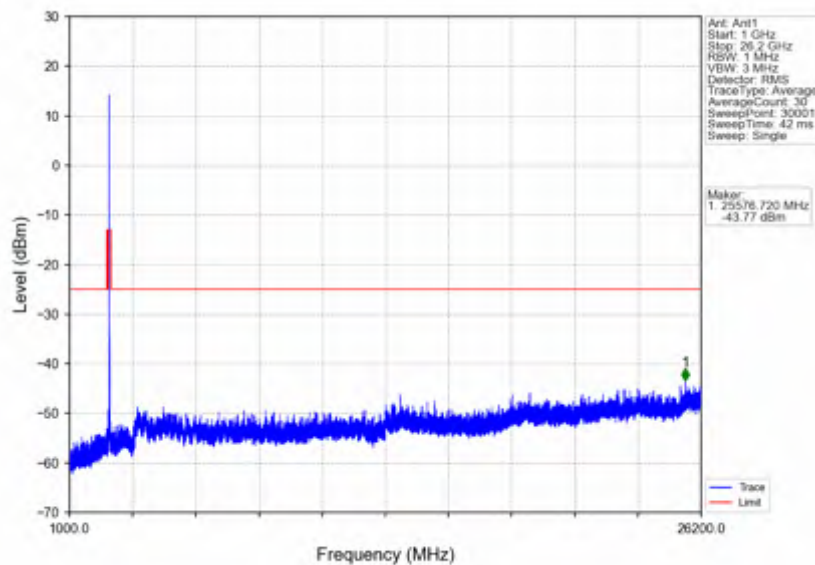
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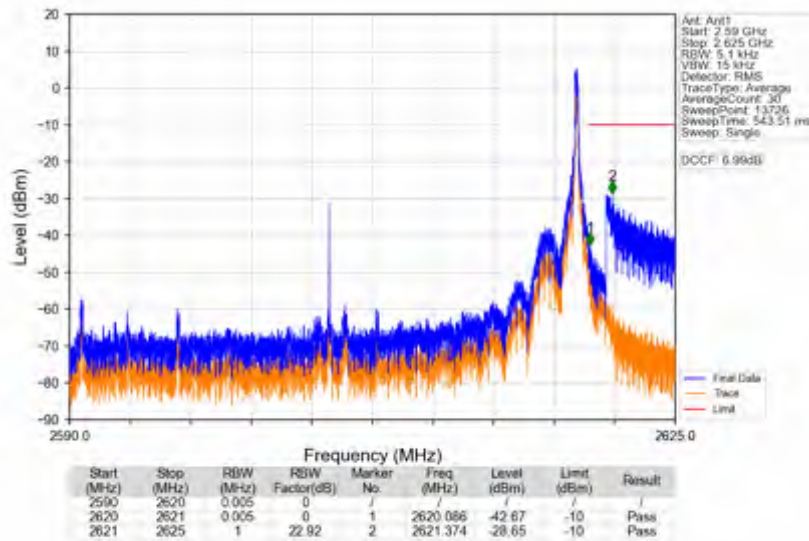
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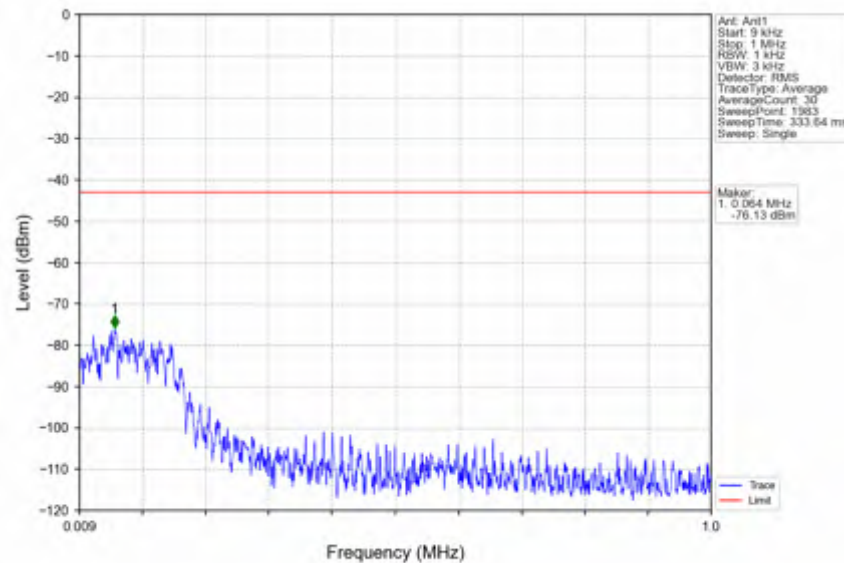
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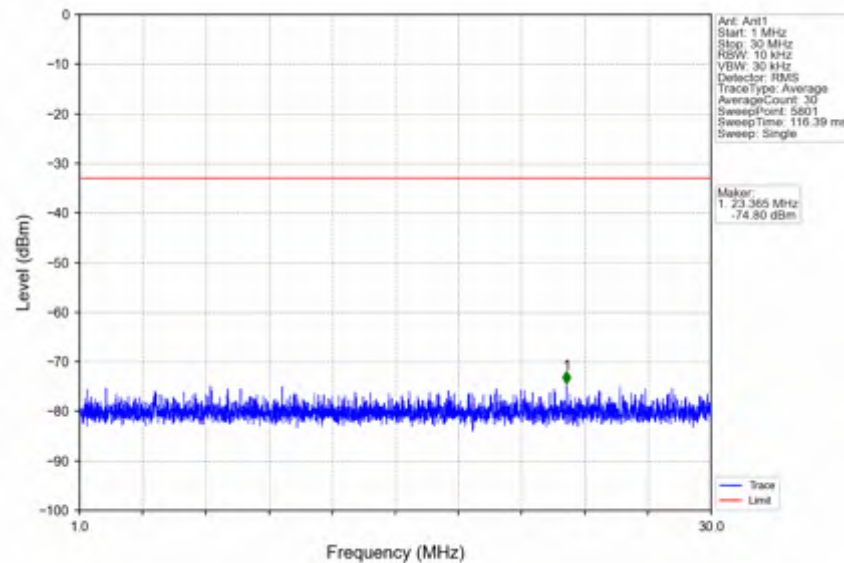
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n38_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2605MHz_Edge_1RB_Right



n38_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2605MHz_Edge_1RB_Right



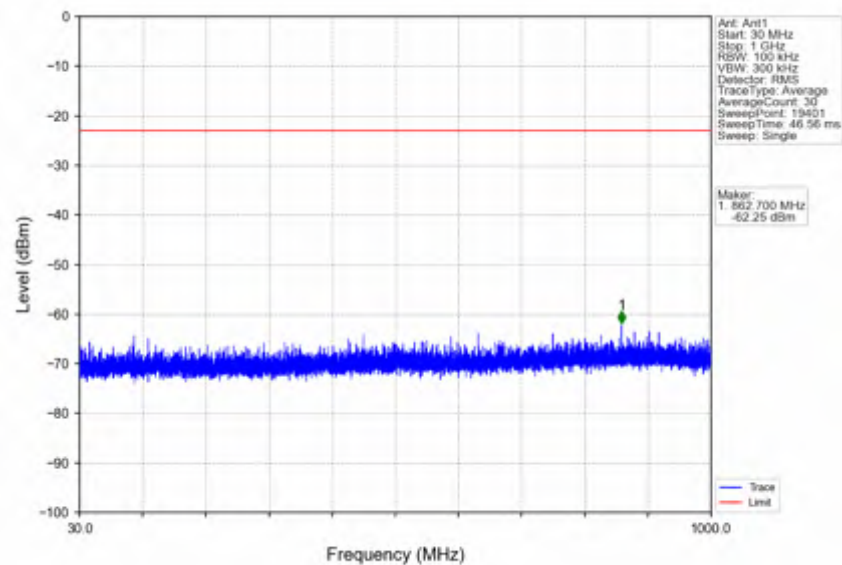
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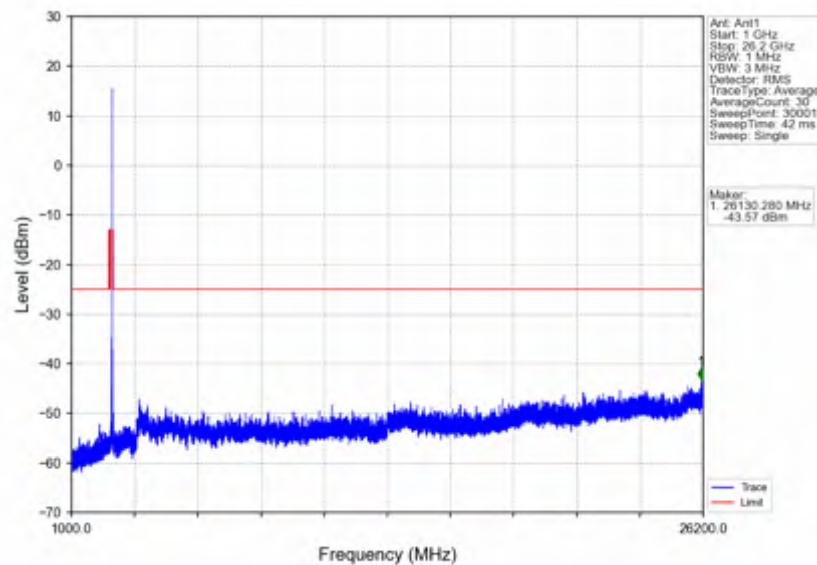
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n38_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2605MHz_Edge_1RB_Right



n38 15kHz SISO NTV 30MHz DFT-s-OFDM QPSK 2605MHz Edge 1RB Right

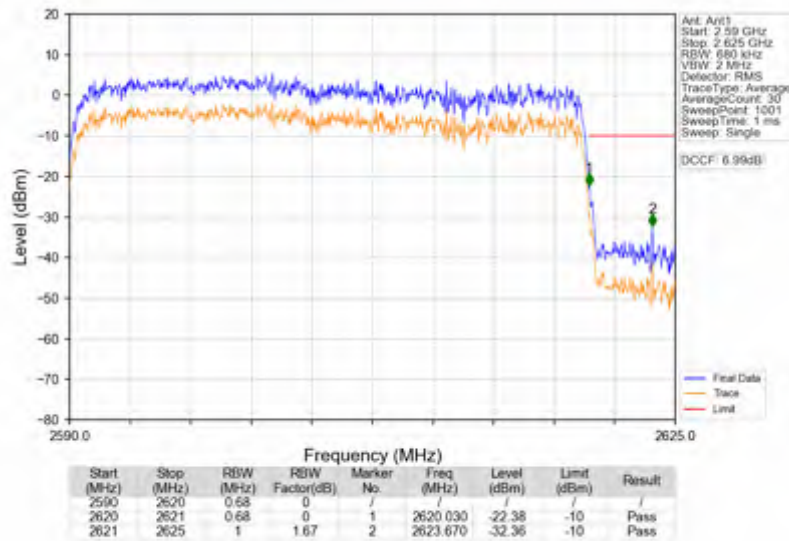


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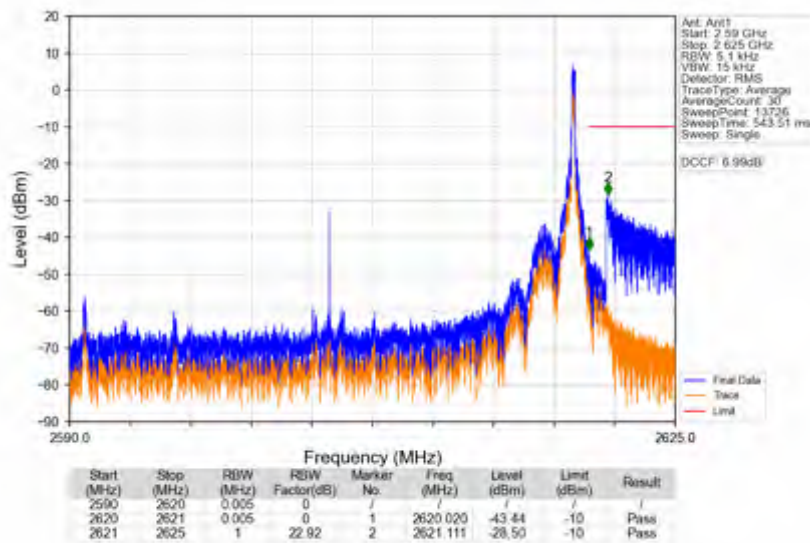
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n38_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2605MHz_Outer_Full



n38_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2605MHz_Inner_1RB_Right



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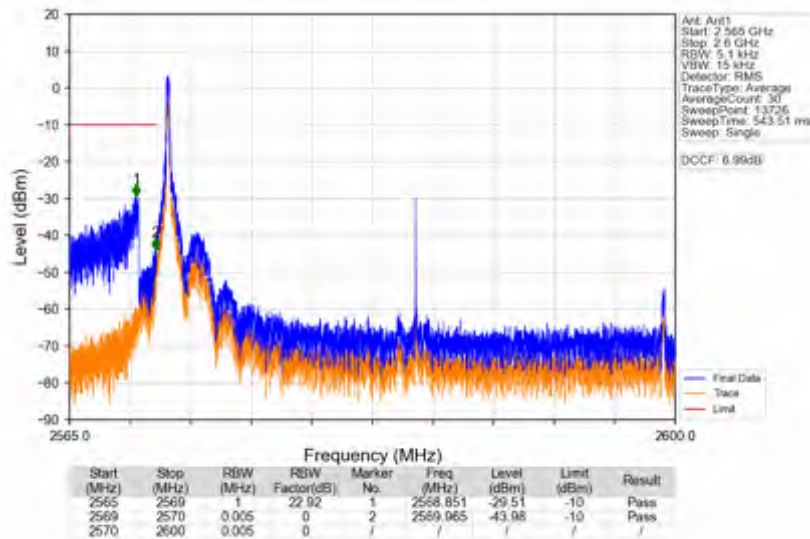
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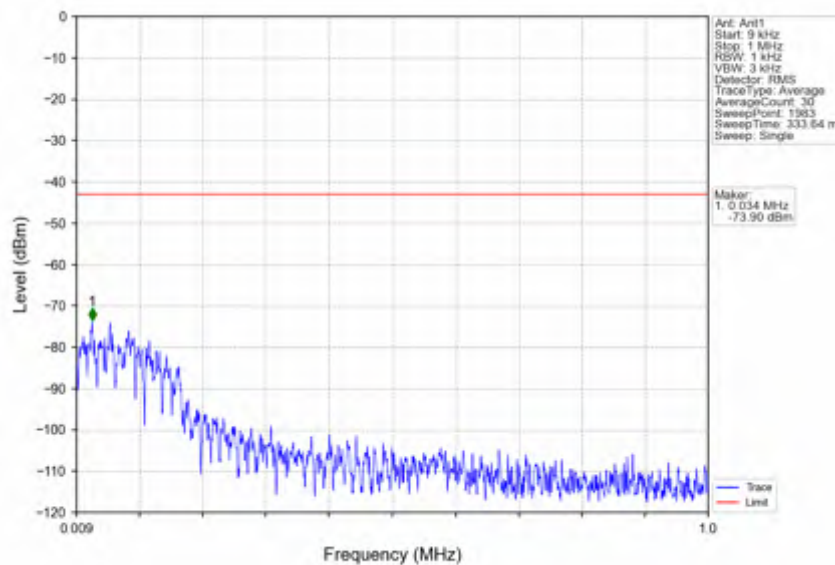
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n38 15kHz SISO NTN 30MHz CP-OFDM QPSK 2585MHz Edge 1RB Left



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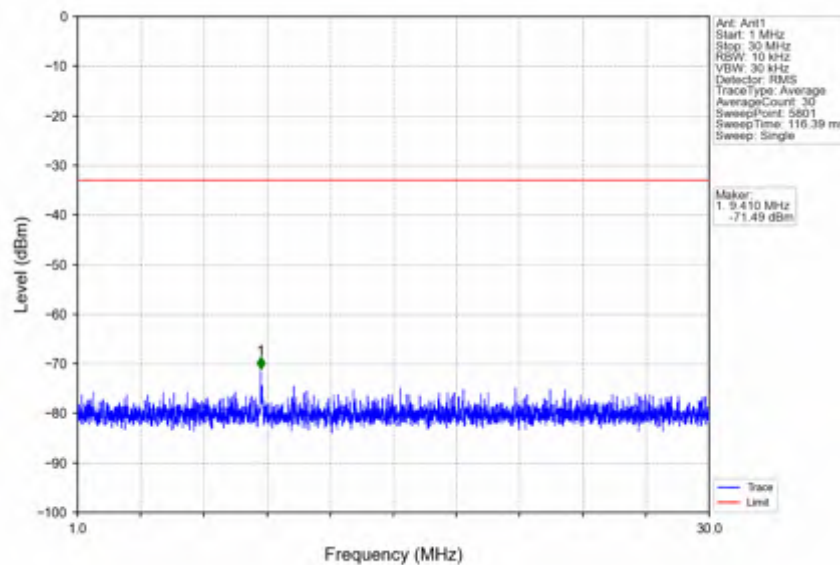


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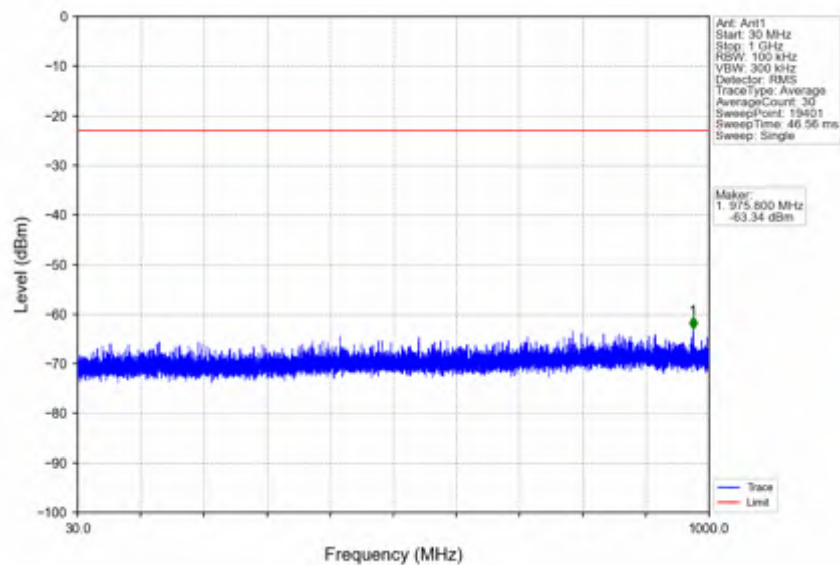
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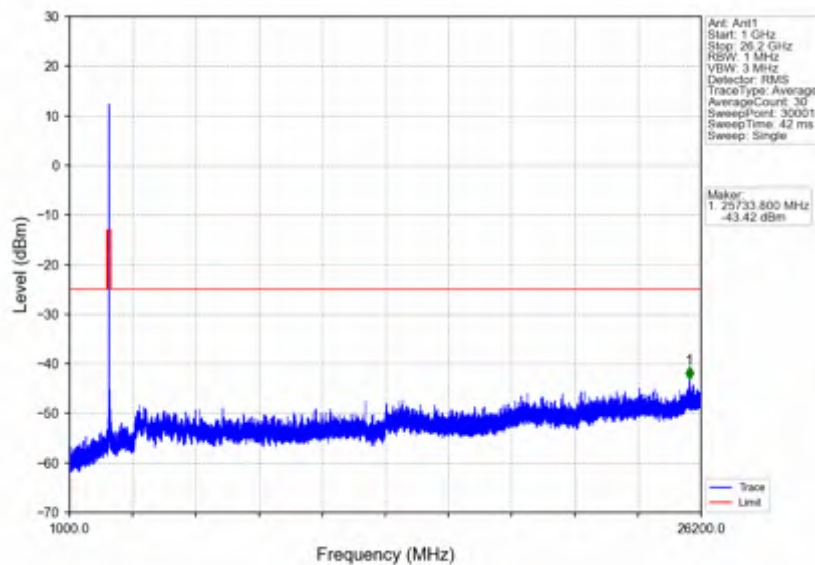
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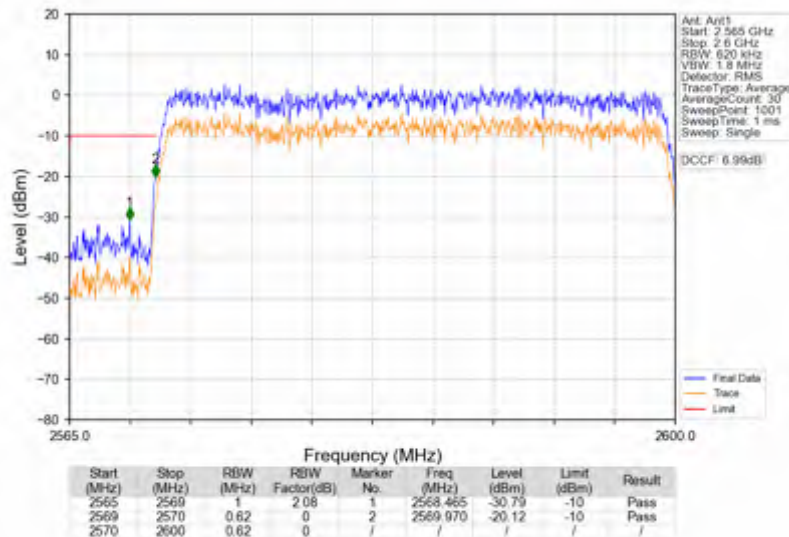
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n38_15kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_2585MHz_Edge_1RB_Left



n38_15kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_2585MHz_Outer_Full



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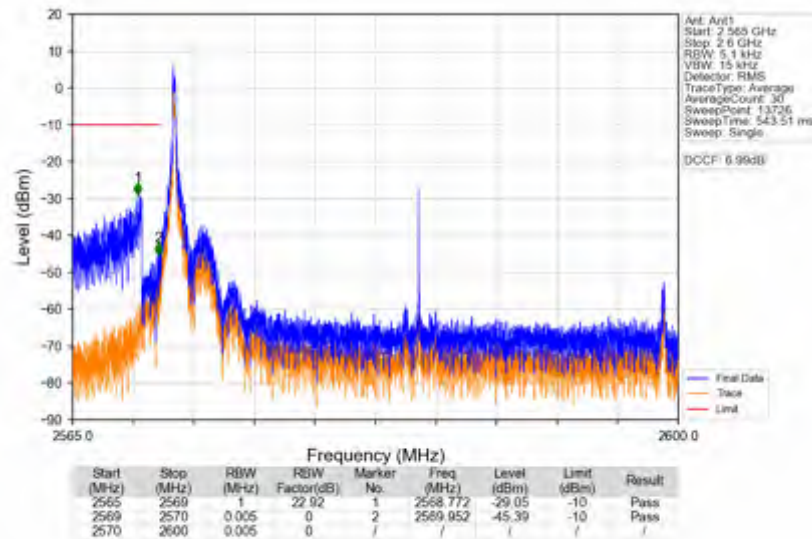
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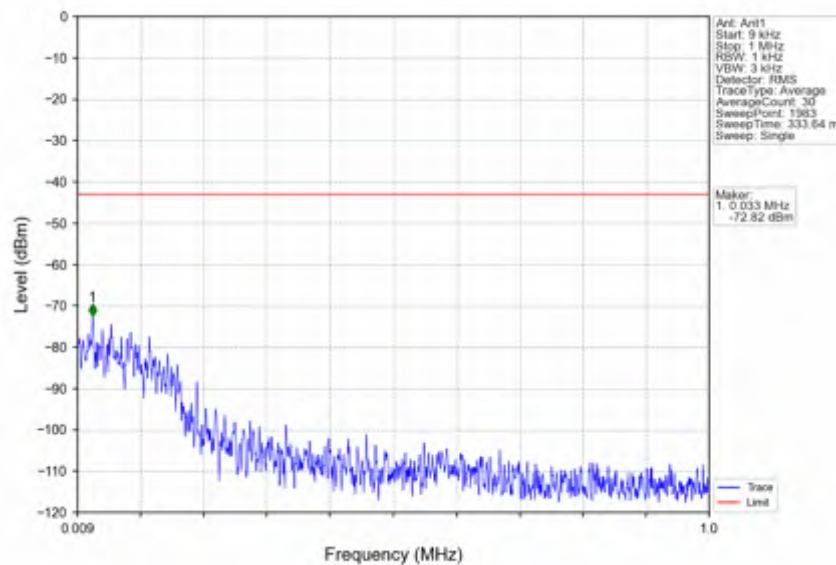
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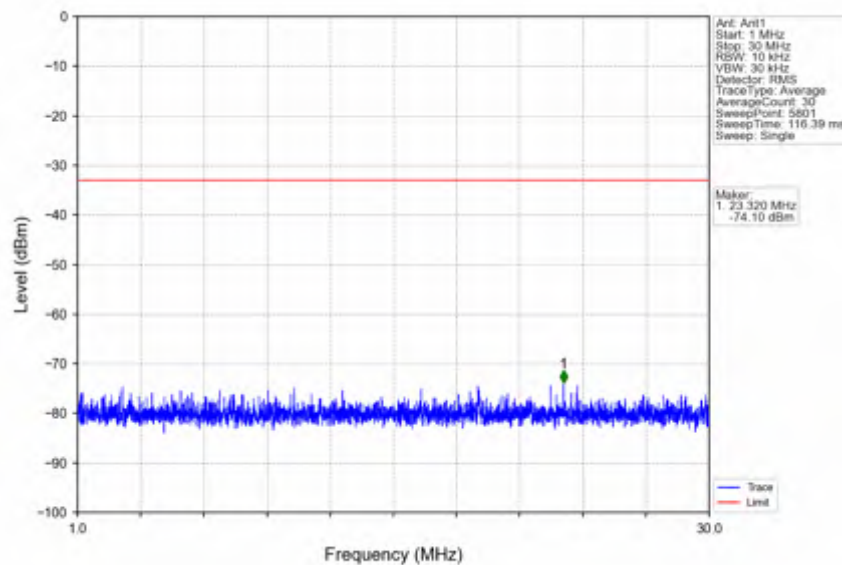
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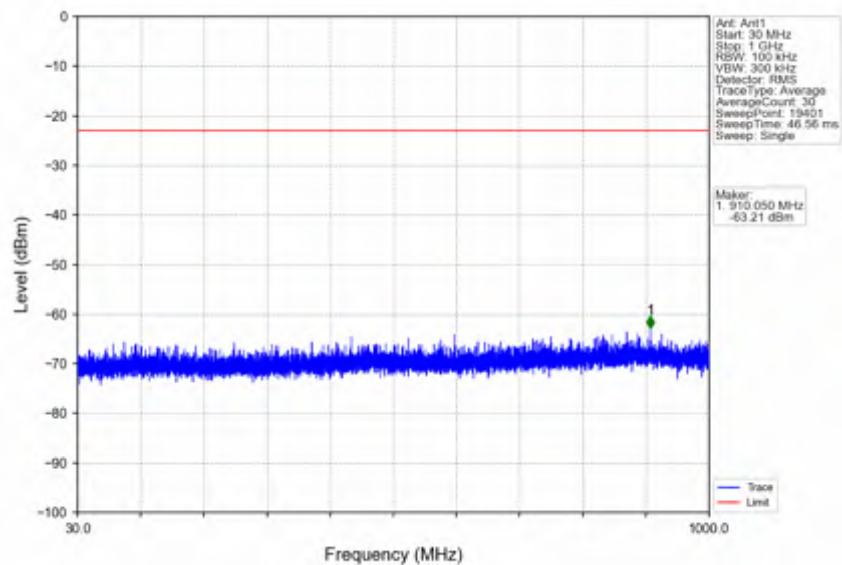
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n38_15kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_2595MHz_Edge_1RB_Left



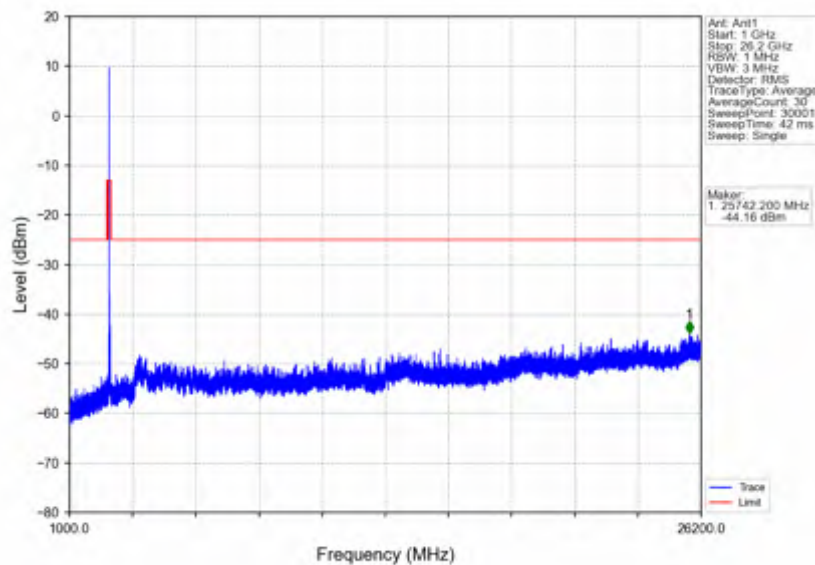
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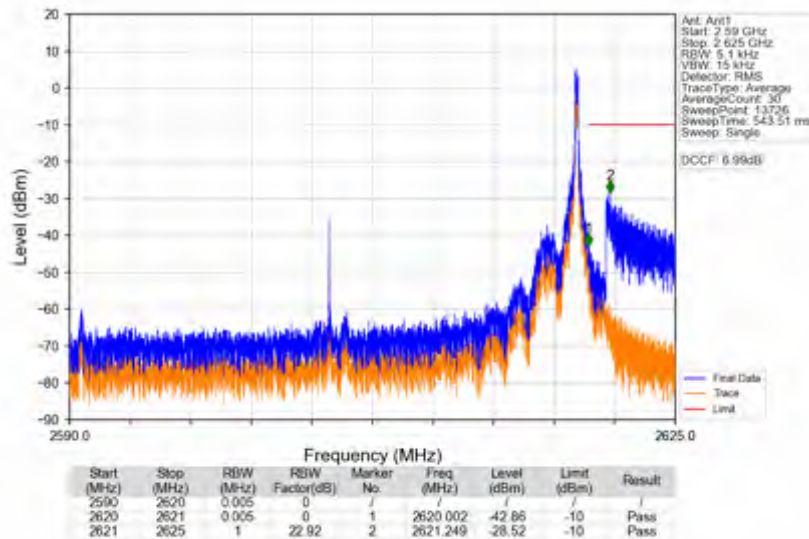
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n38_15kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_2605MHz_Edge_1RB_Right



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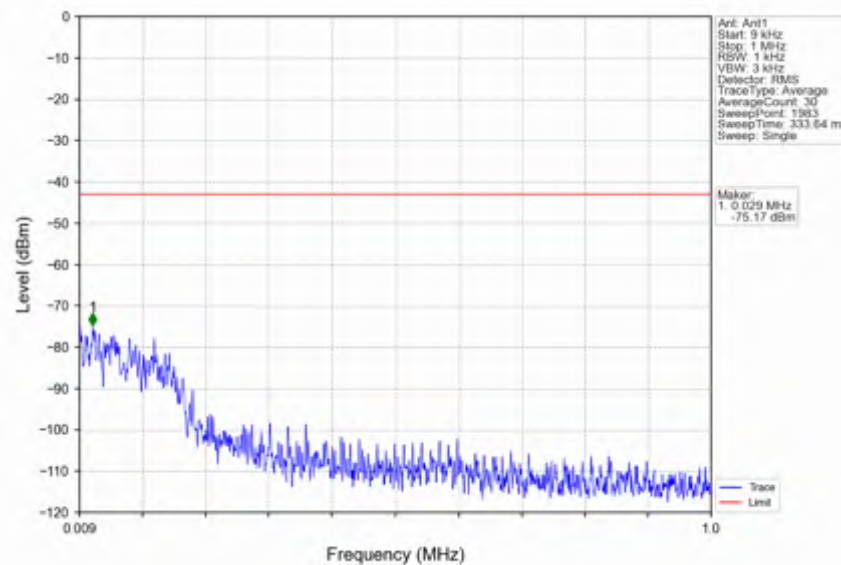
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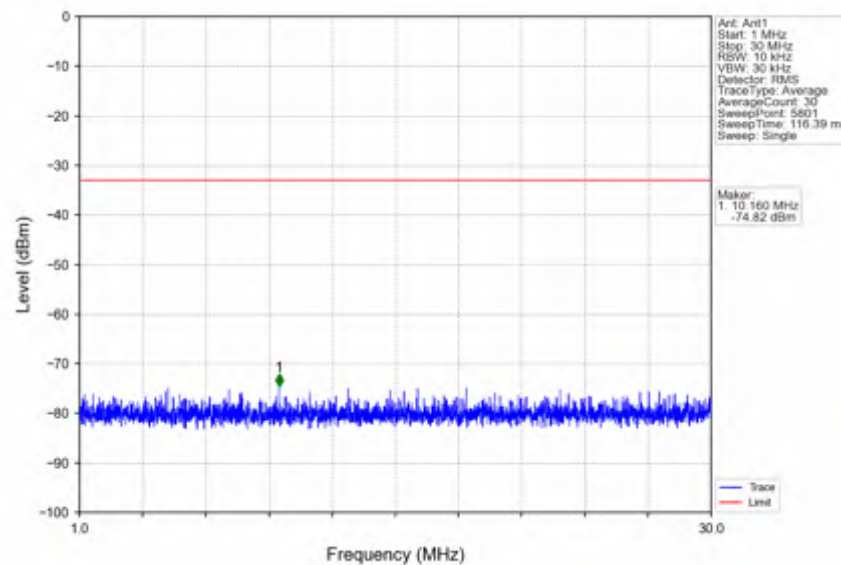
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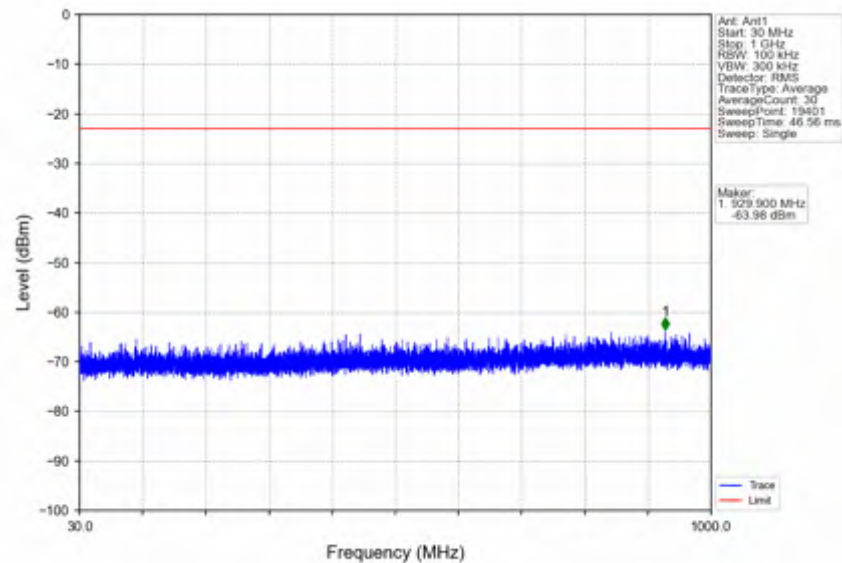
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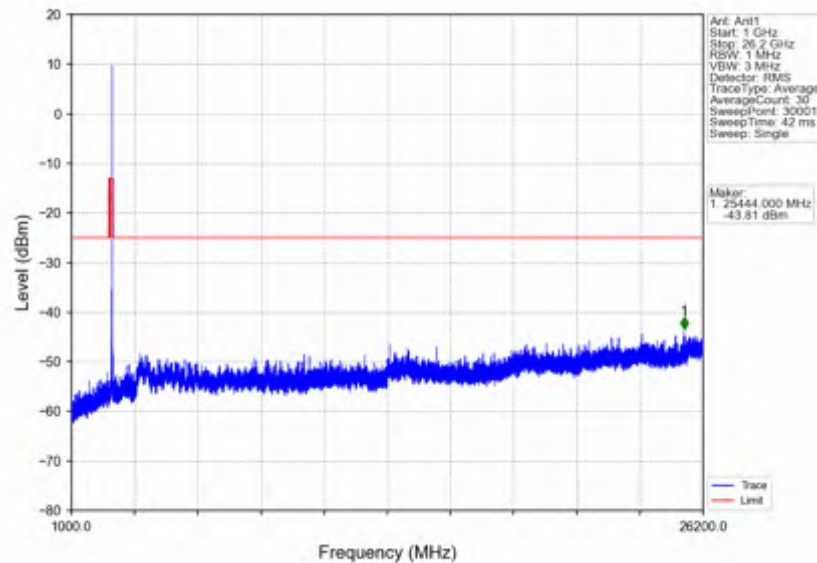
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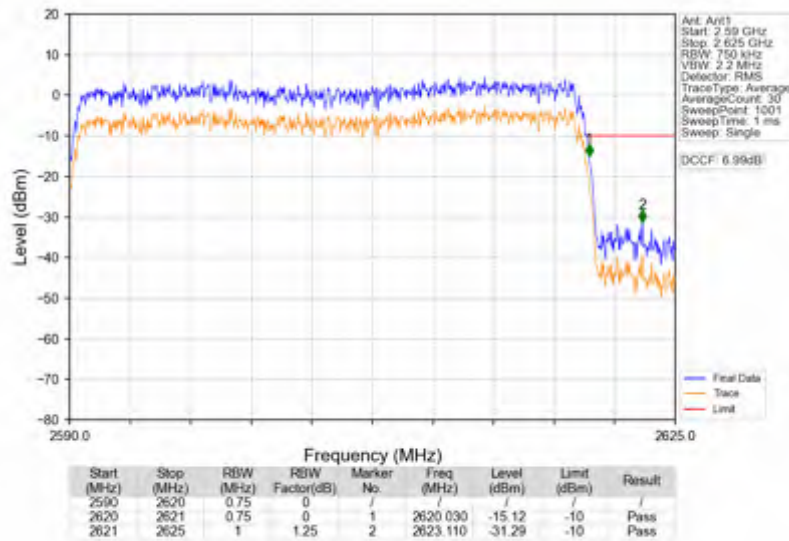
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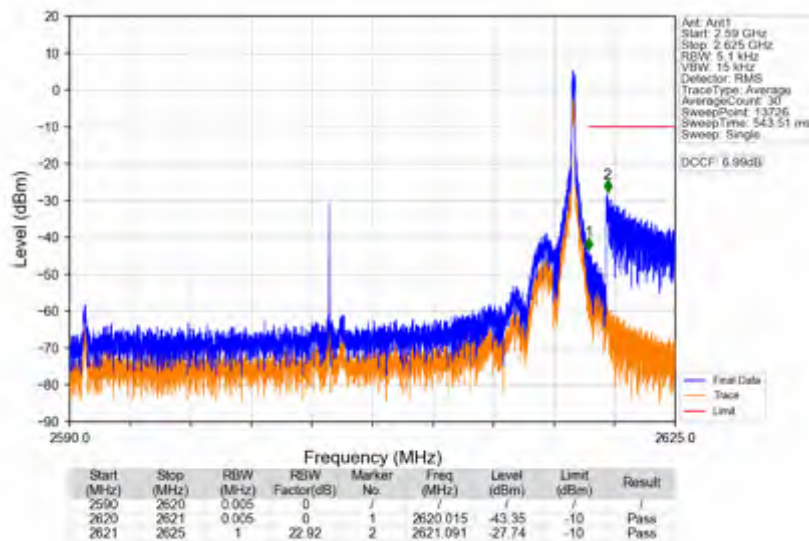
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5.7 15k_SISO_40MHz_NTNV

5.7.1 Test Result

5G NR n38 SCS=15kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	2590	Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
	2595	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	2590	Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
	2595	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	2590	Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
	2595	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	2600	Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass
	2600	Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass



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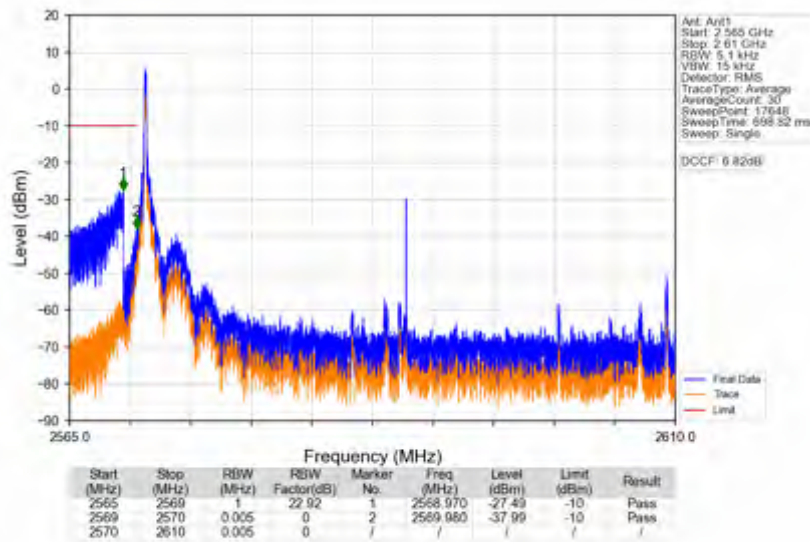
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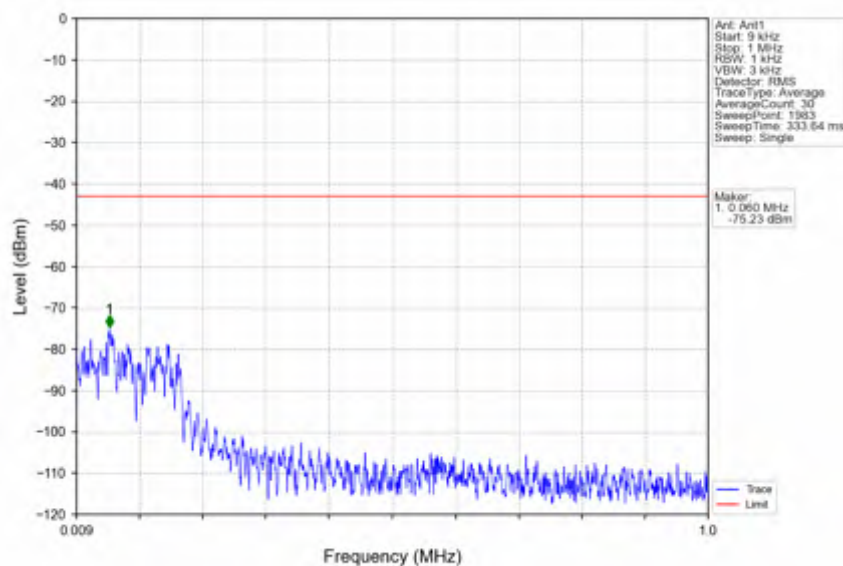
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5.7.2 Test Graph

n38_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2590MHz_Edge_1RB_Left



n38_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2590MHz_Edge_1RB_Left



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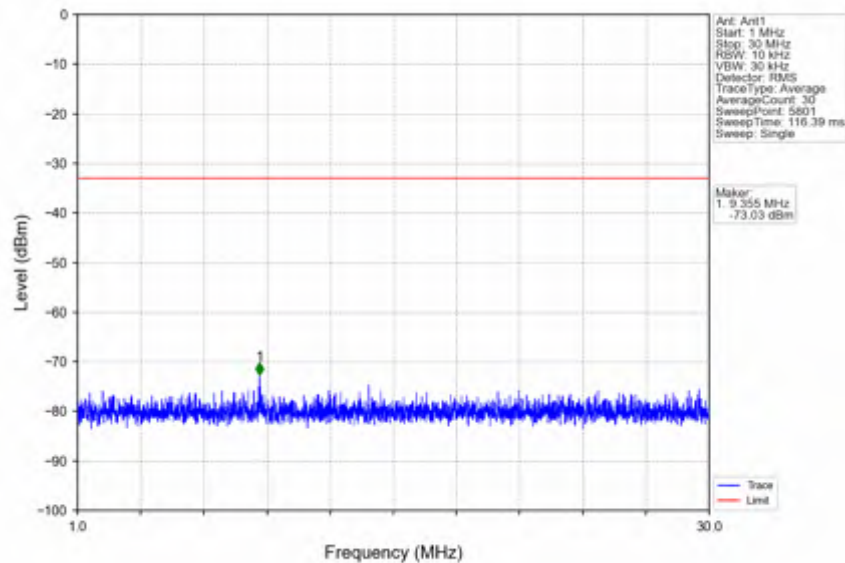
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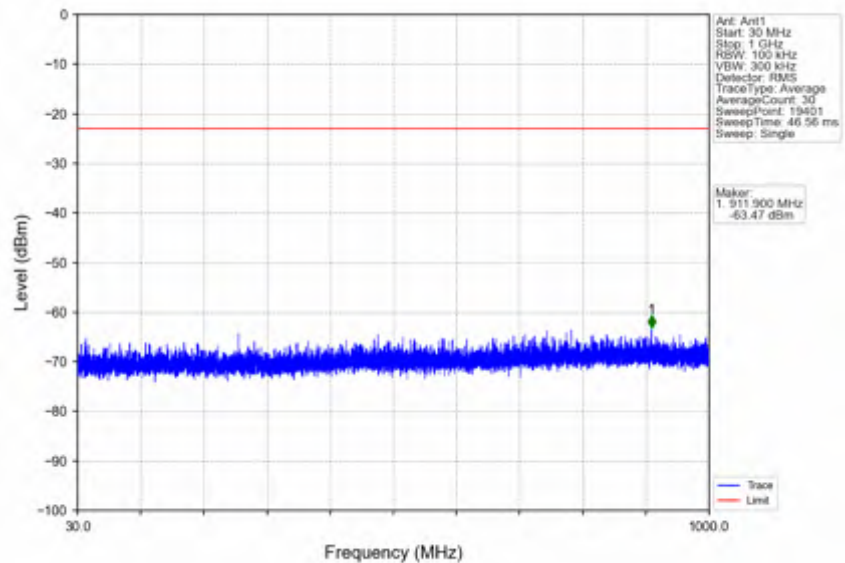
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n38_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2590MHz_Edge_1RB_Left



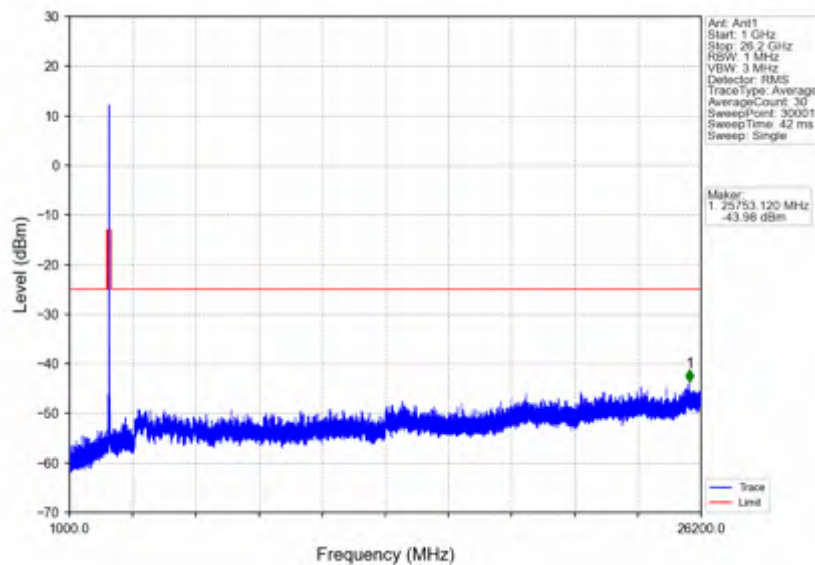
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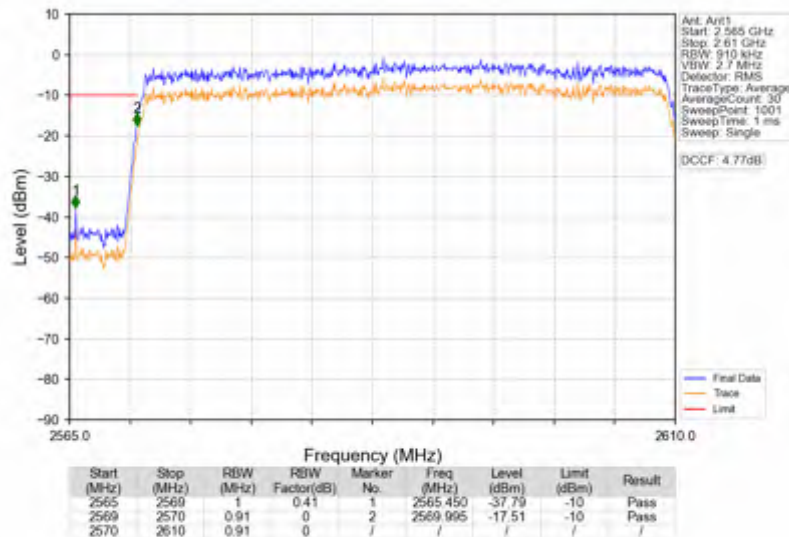
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n38_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2590MHz_Outer_Full



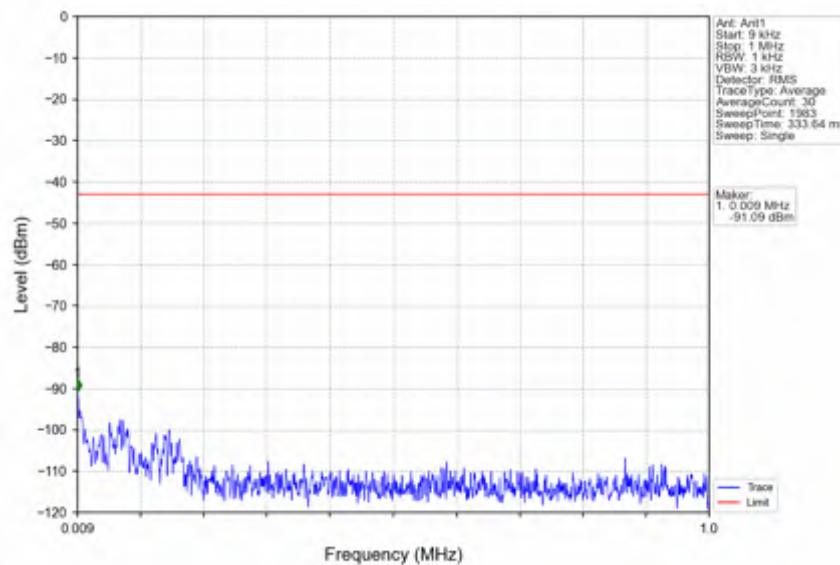
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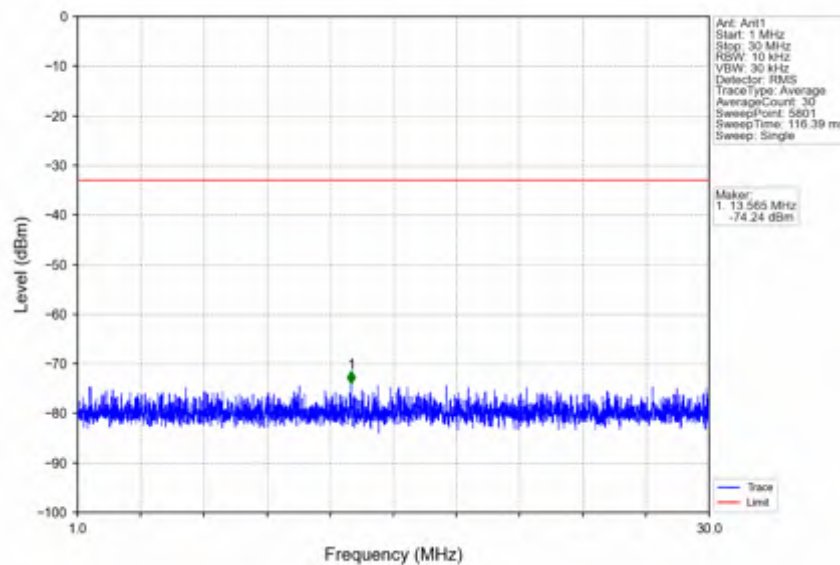
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n38_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2590MHz_Outer_Full



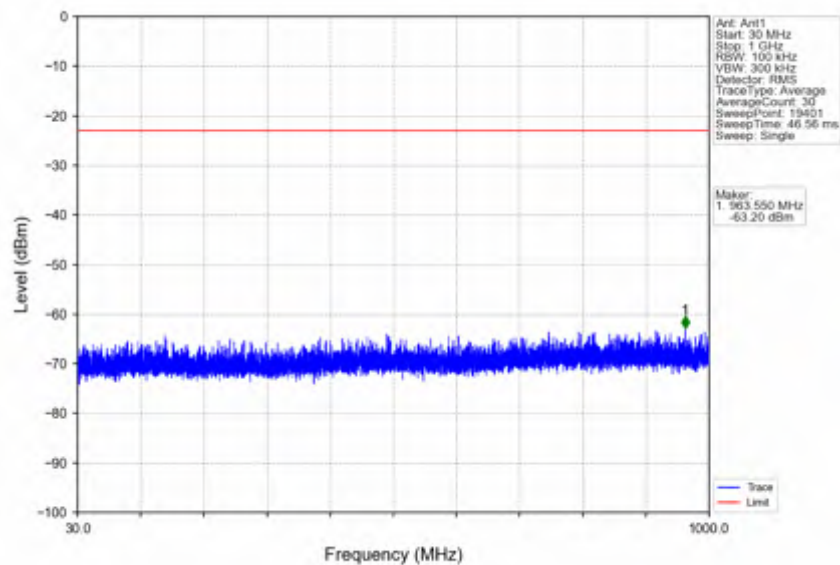
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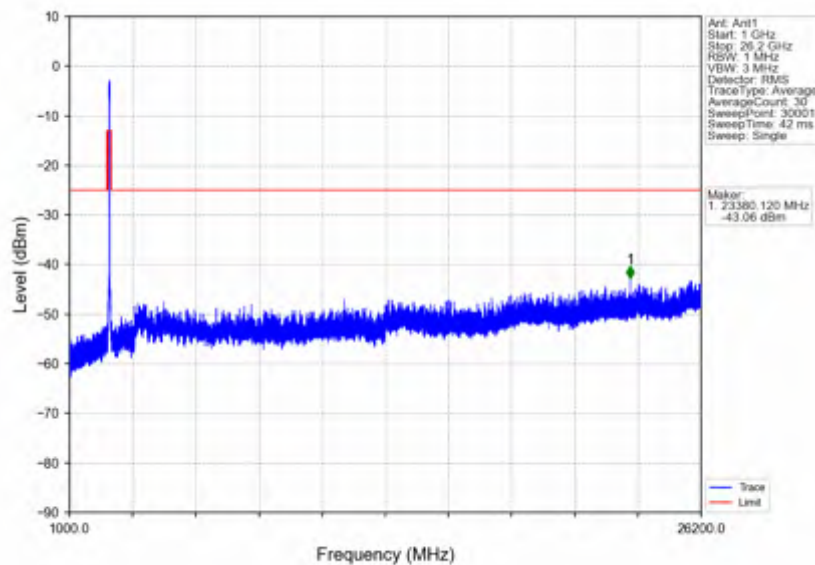
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n38_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2590MHz_Outer_Full



n38	15kHz	SISO	NTNV	40MHz	DFT-s-OFDM	PI/2	BPSK	2590MHz	Outer	Full
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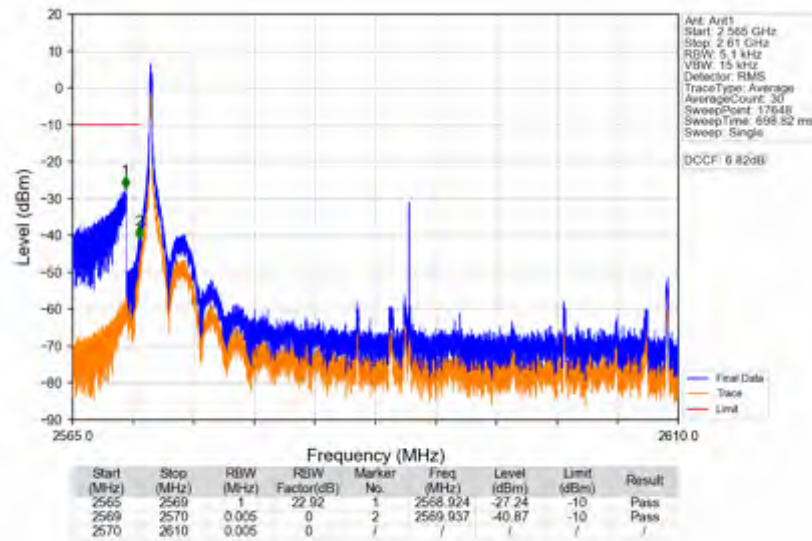


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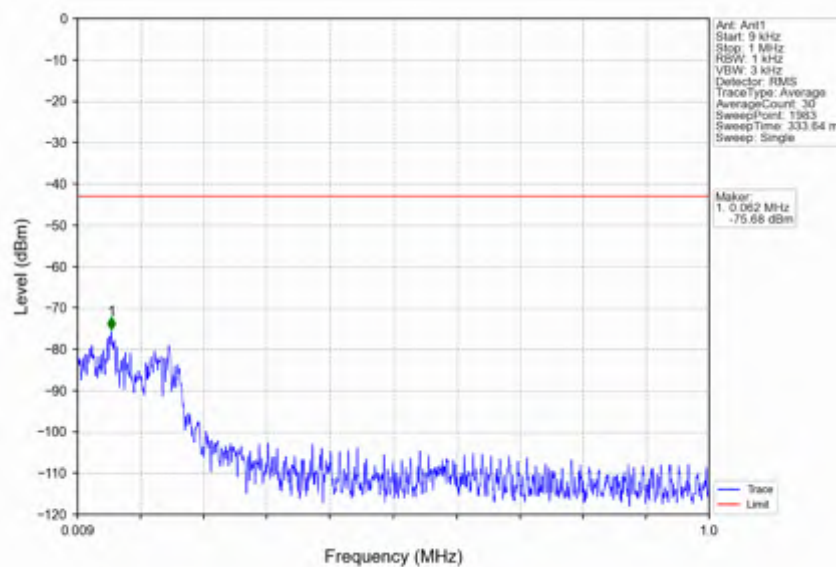
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n38_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2595MHz_Edge_1RB_Left

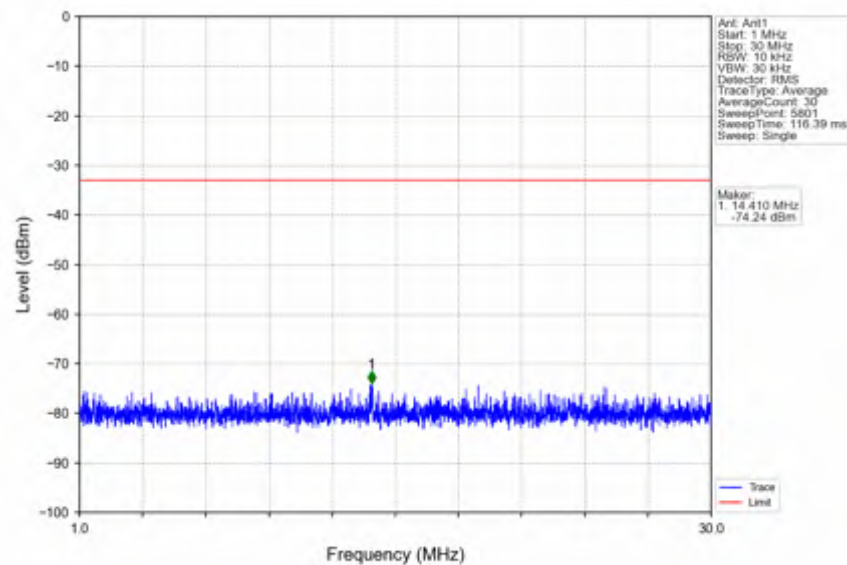


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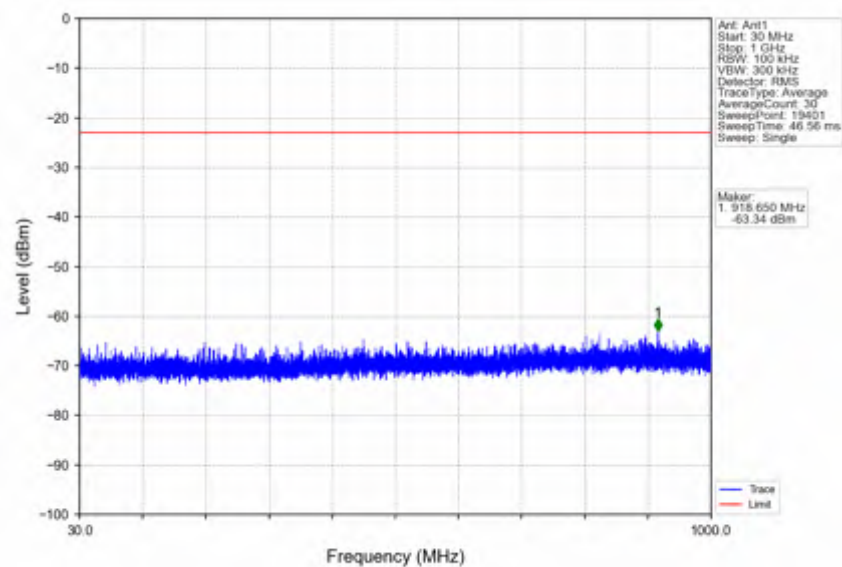
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n38_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2595MHz_Edge_1RB_Left



n38	15kHz	SISO	NTNV	40MHz	DFT-s-OFDM	PI/2 BPSK	2595MHz	Edge	1RB	Left
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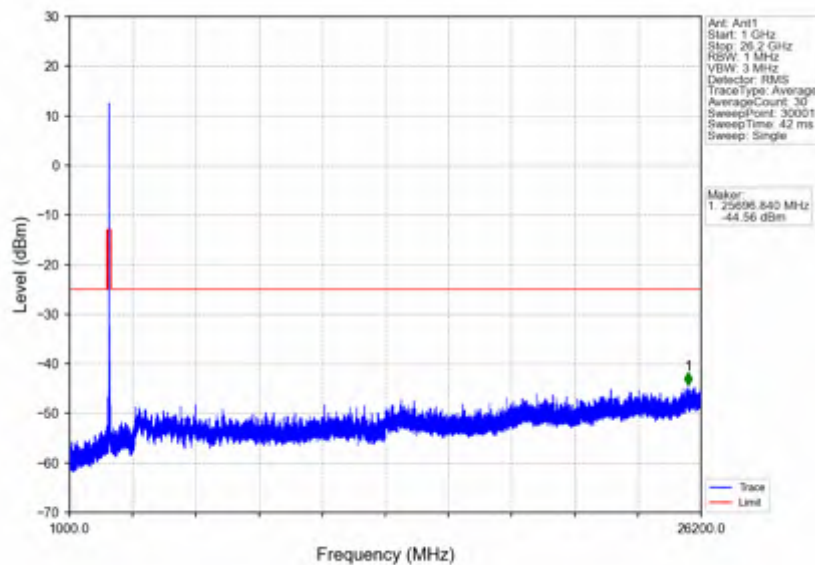
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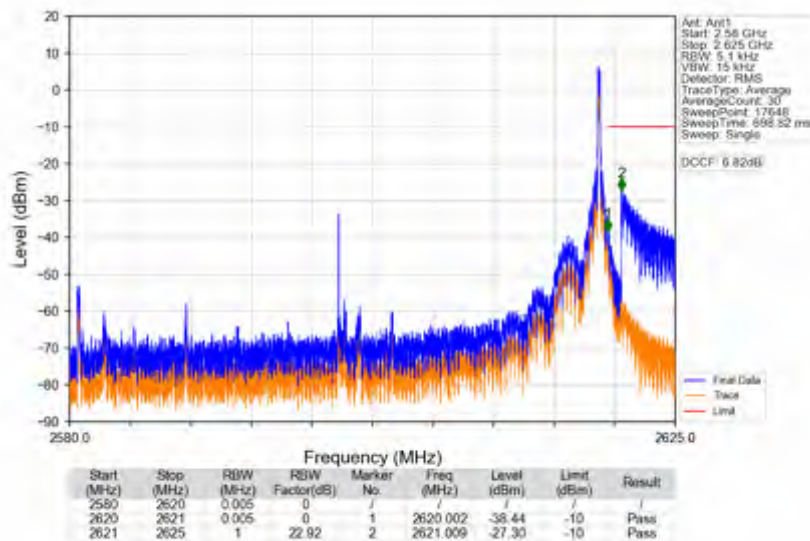
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n38_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2600MHz_Edge_1RB_Right



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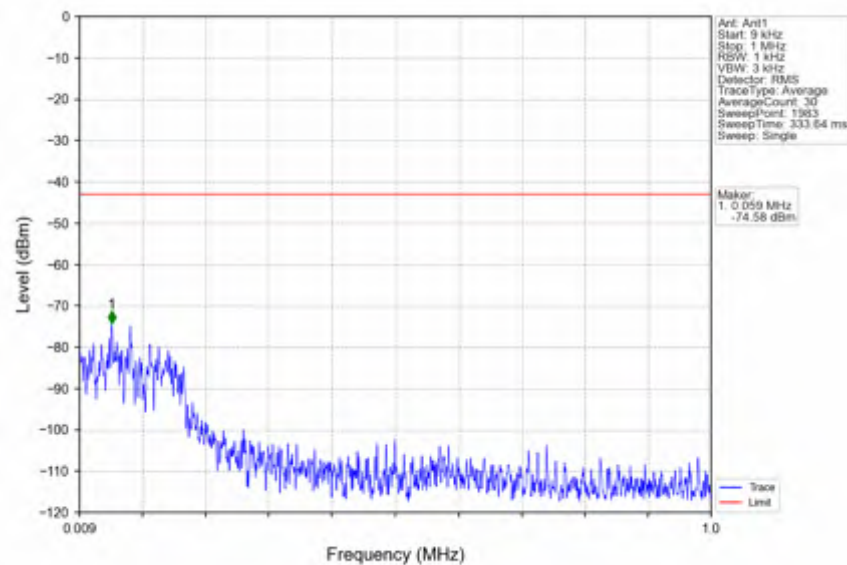
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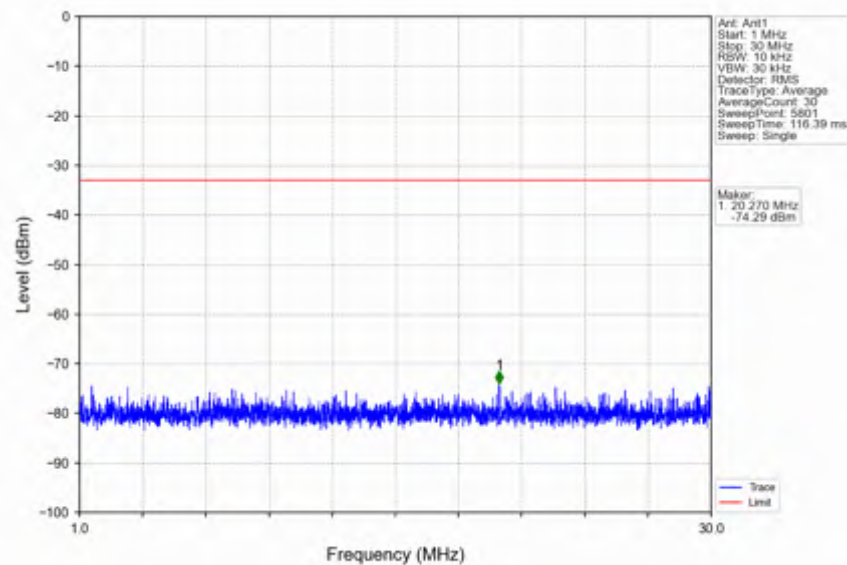
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n38_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2600MHz_Edge_1RB_Right

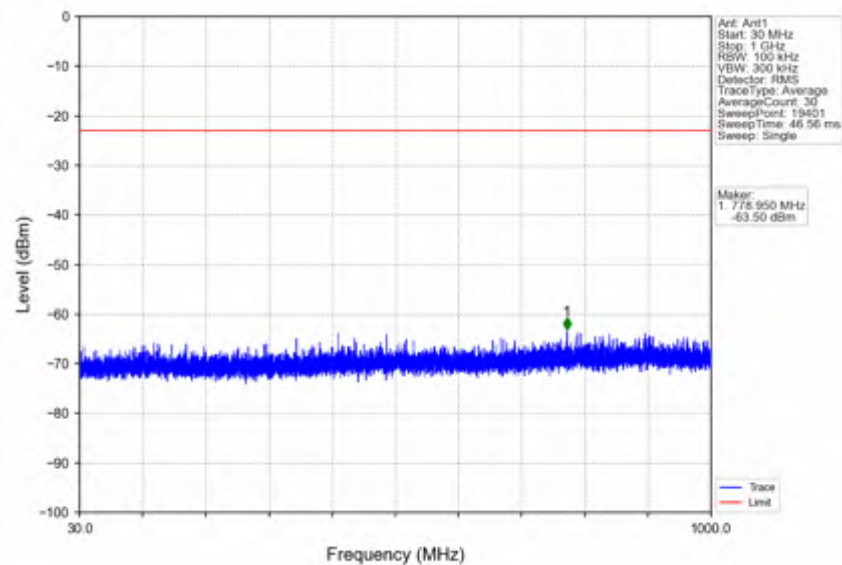


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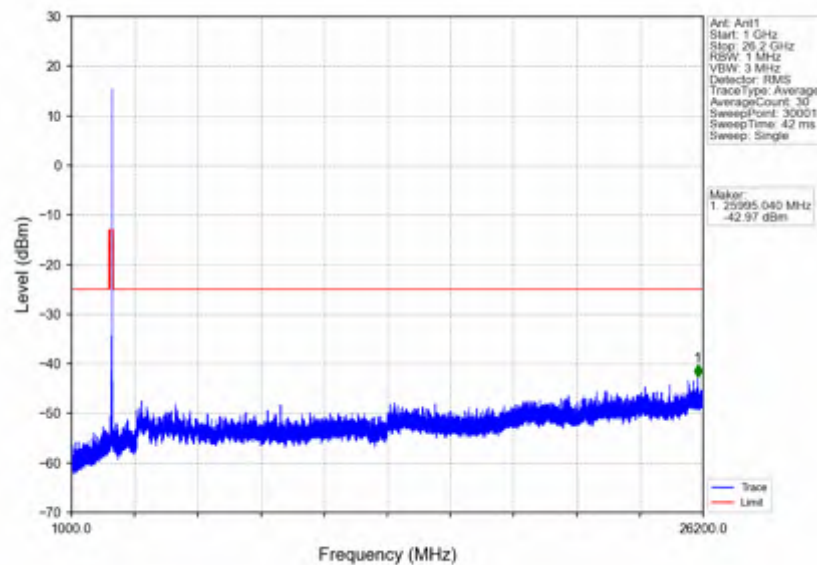
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n38	15kHz	SISO	NTNV	40MHz	DFT-s-OFDM	PI/2 BPSK	2600MHz	Edge	1RB	Right
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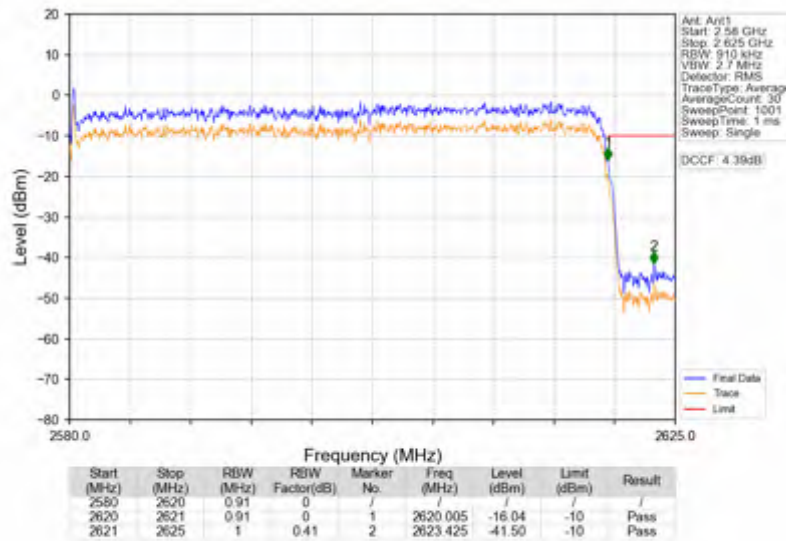


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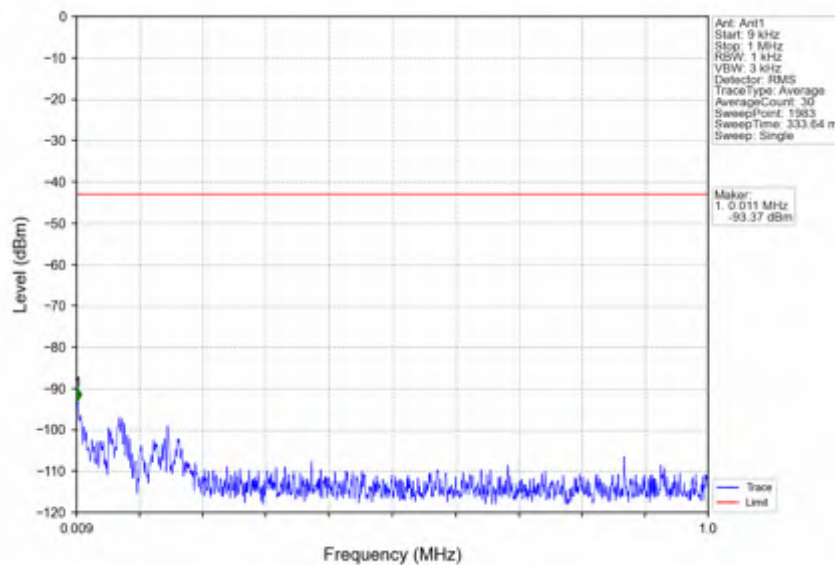
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n38_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2600MHz_Outer_Full



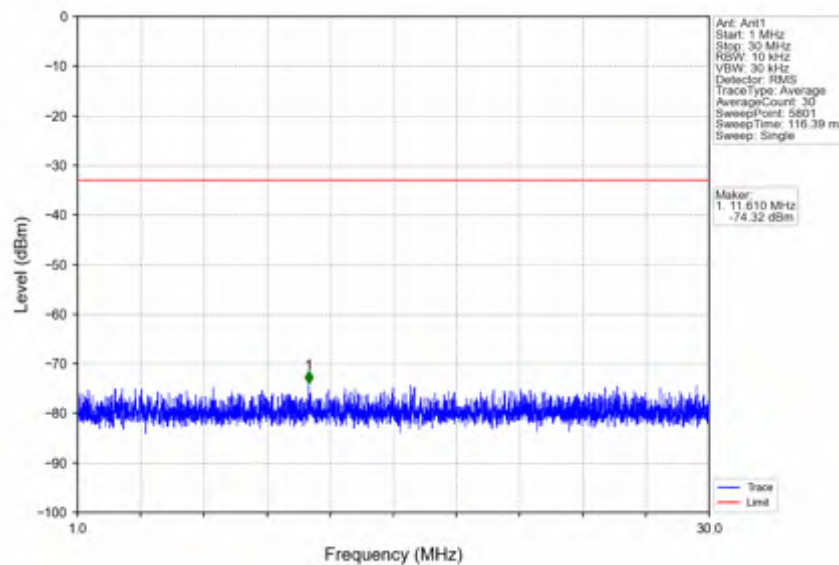
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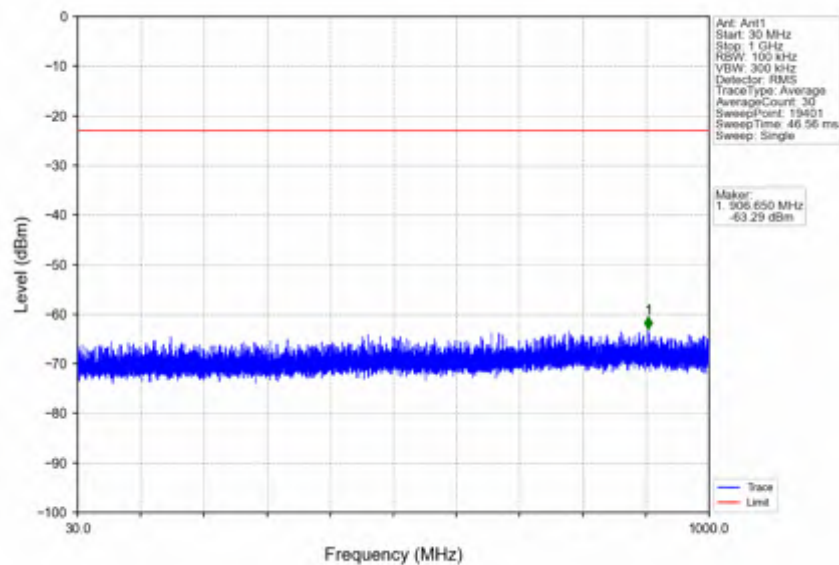
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n38_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_2600MHz_Outer_Full



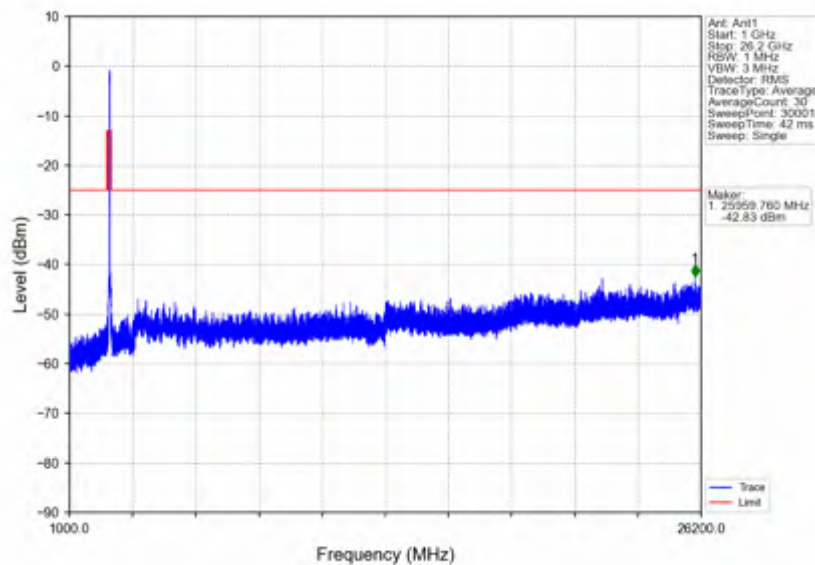
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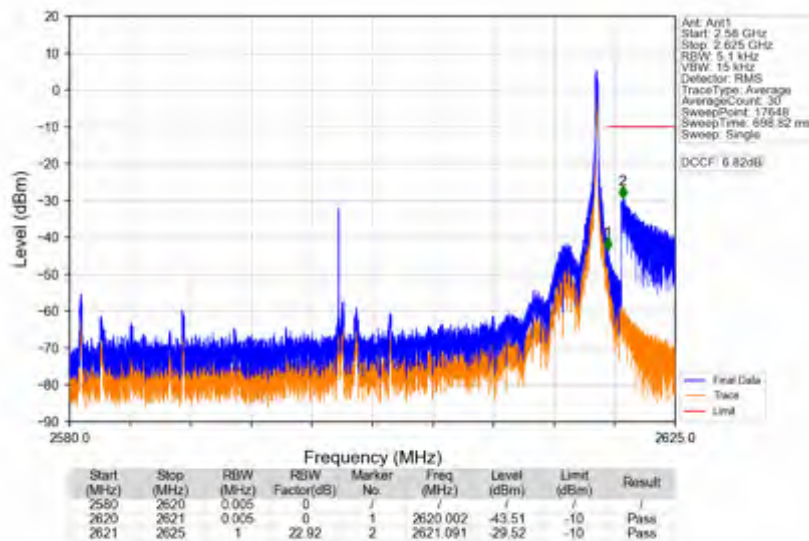
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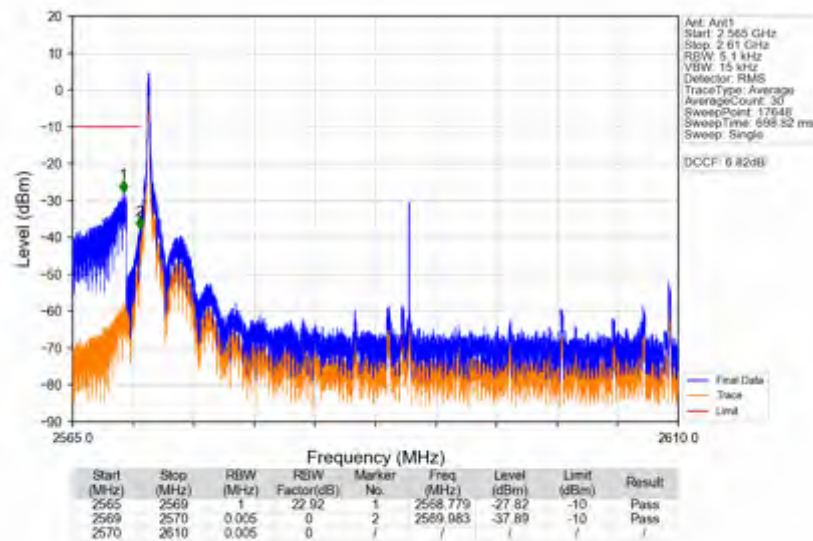


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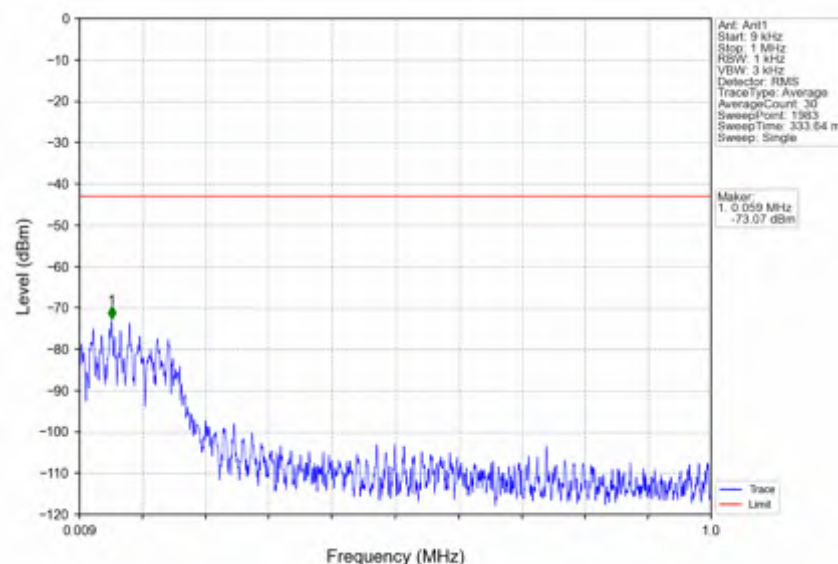
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n38 15kHz SISO NTN 40MHz DFT-s-OFDM QPSK 2590MHz Edge 1RB Left



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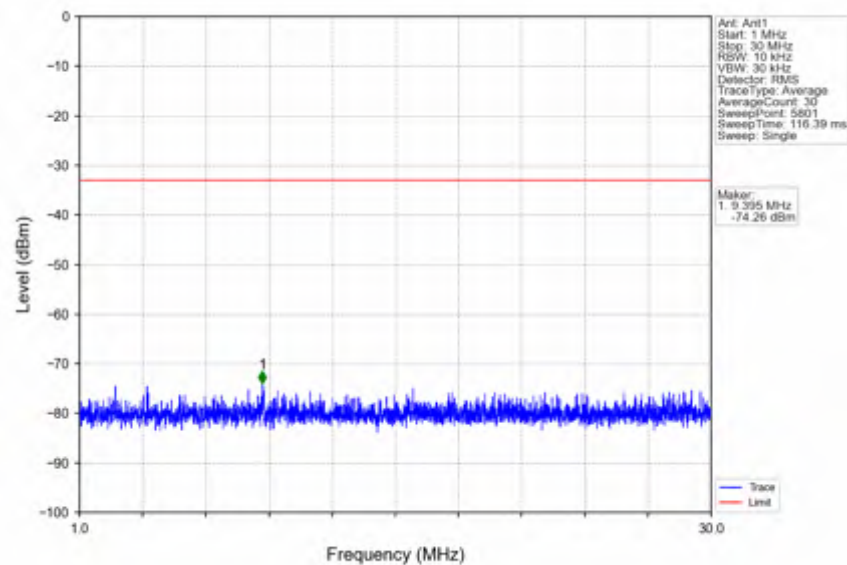


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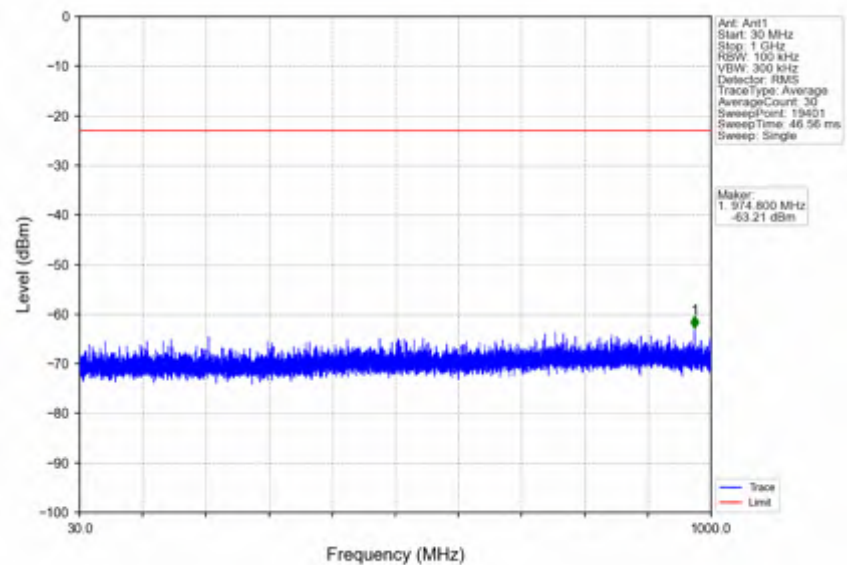
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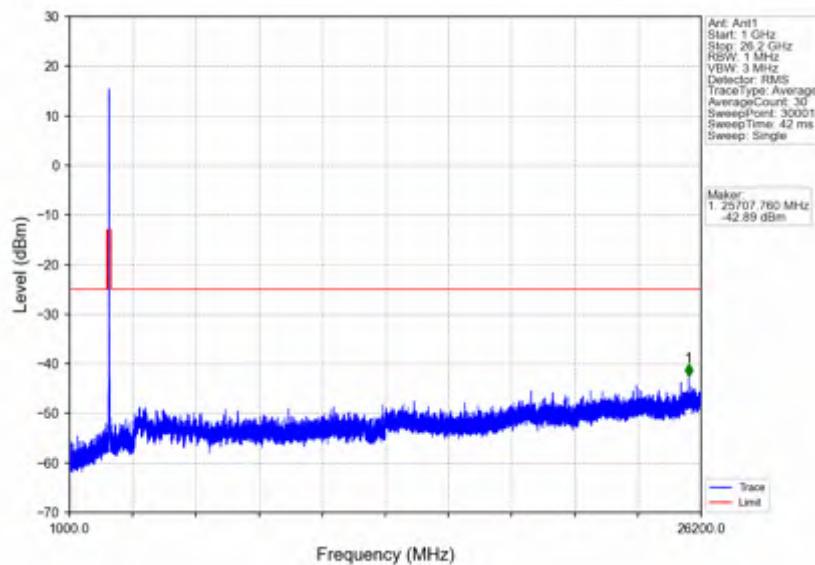
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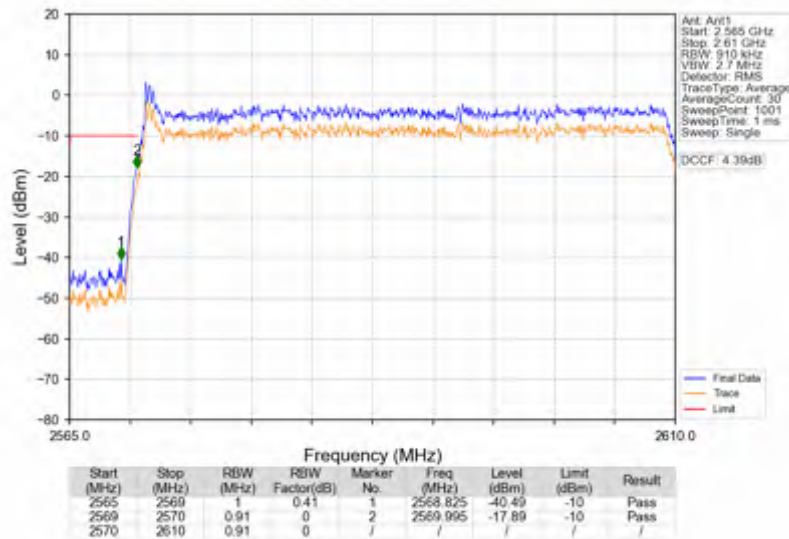
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n38_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2590MHz_Outer_Full



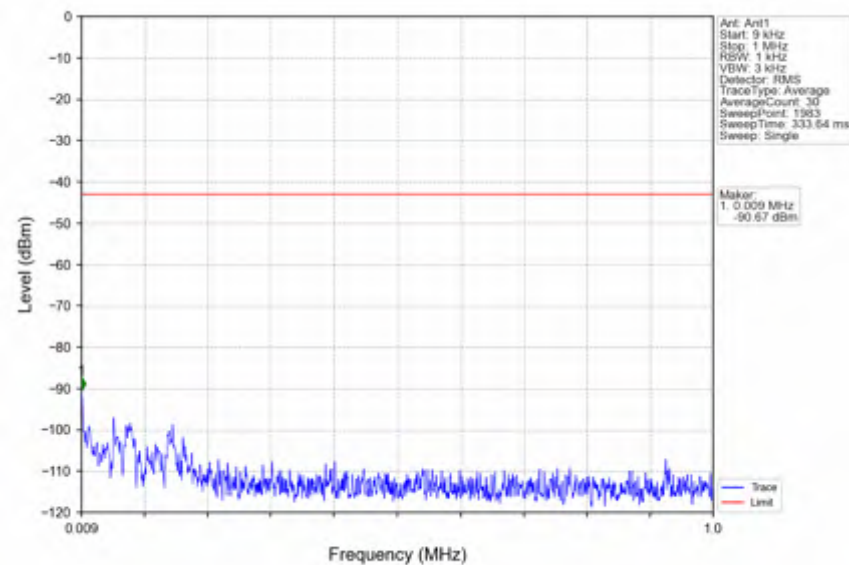
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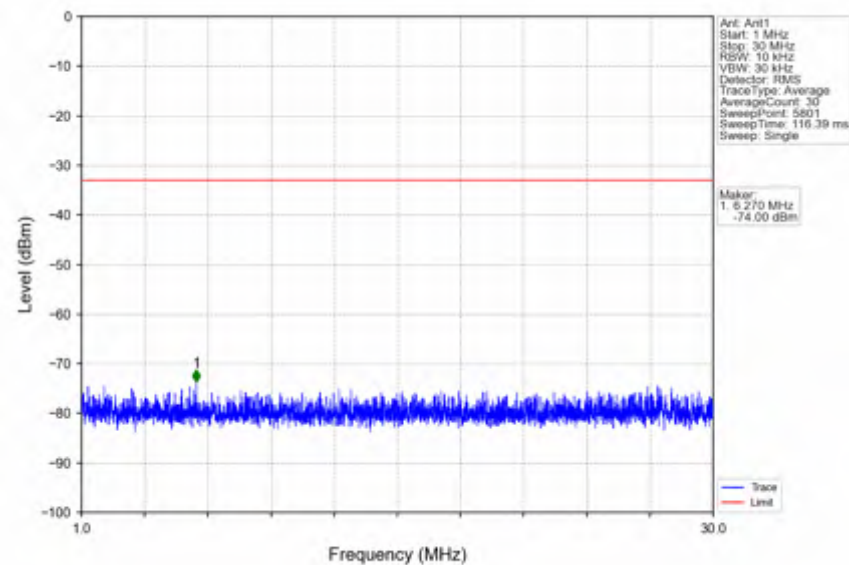
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n38_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2590MHz_Outer_Full



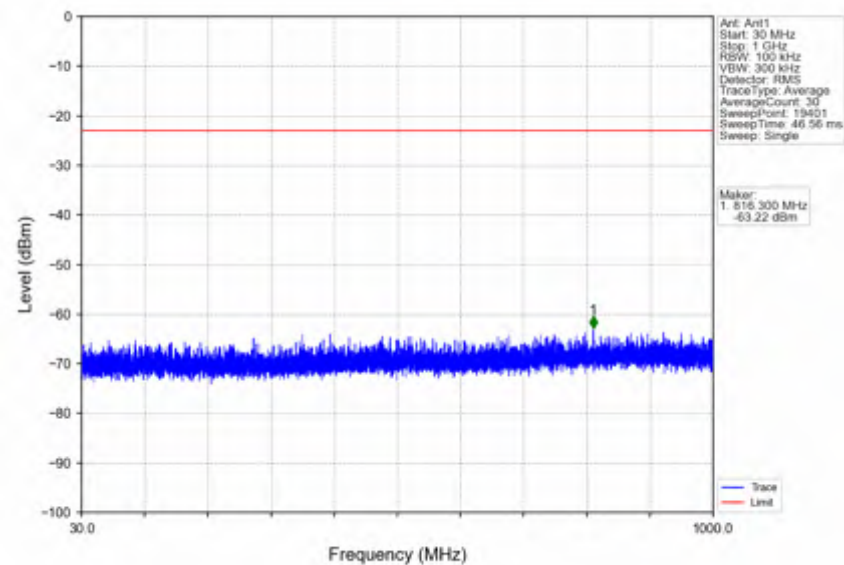
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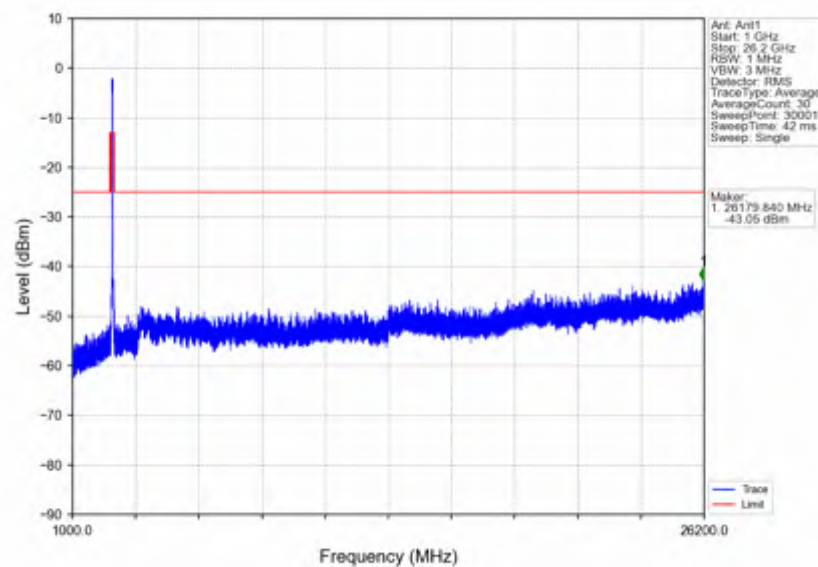
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n38_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2590MHz_Outer_Full



n38 15kHz SISO NTV 40MHz DFT-s-OFDM QPSK 2590MHz Outer Full

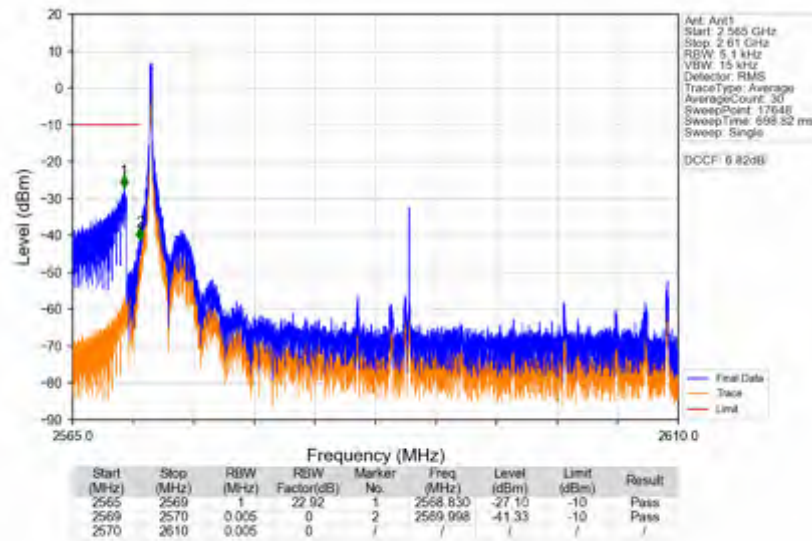


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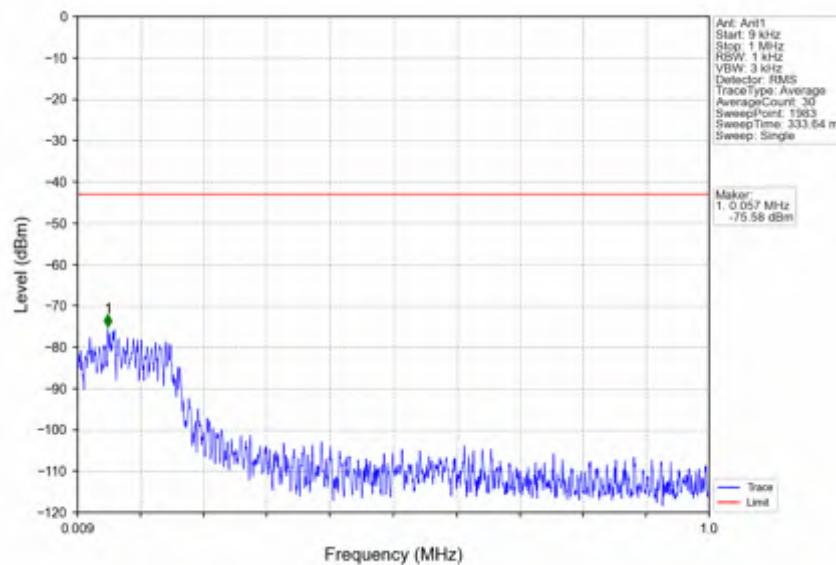
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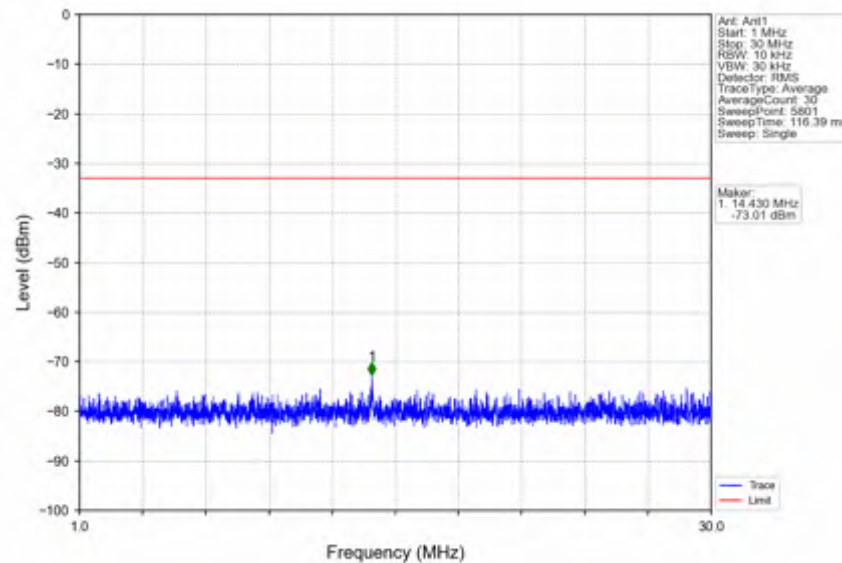
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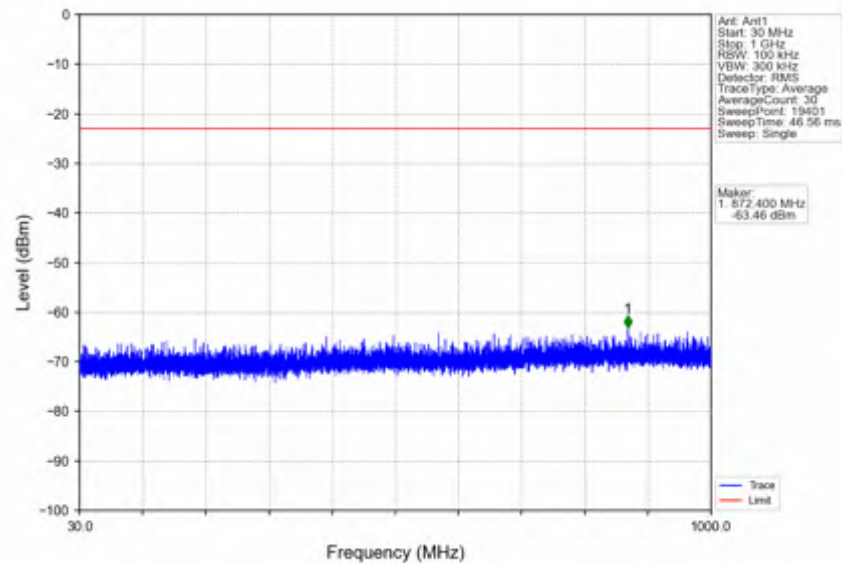
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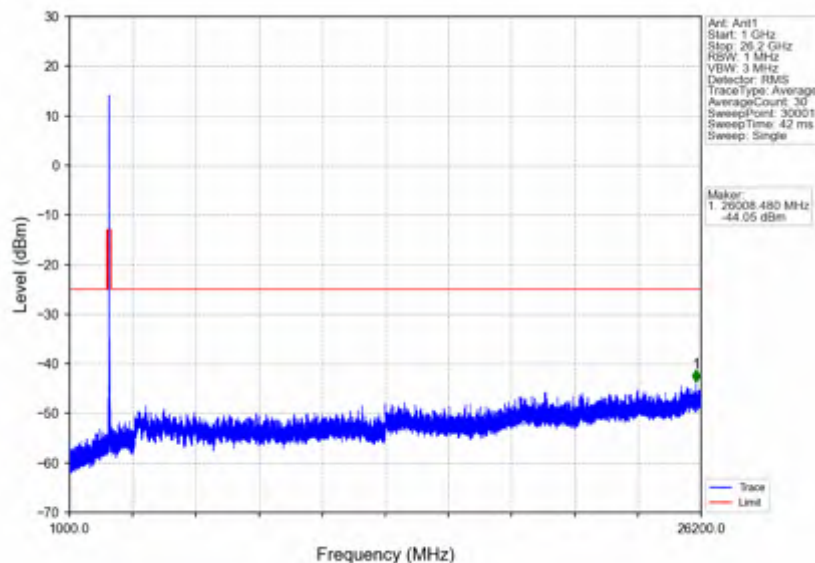
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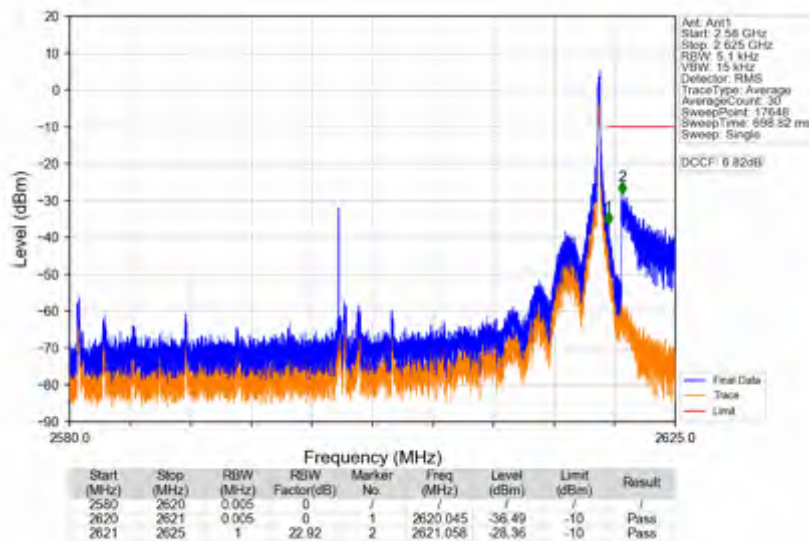
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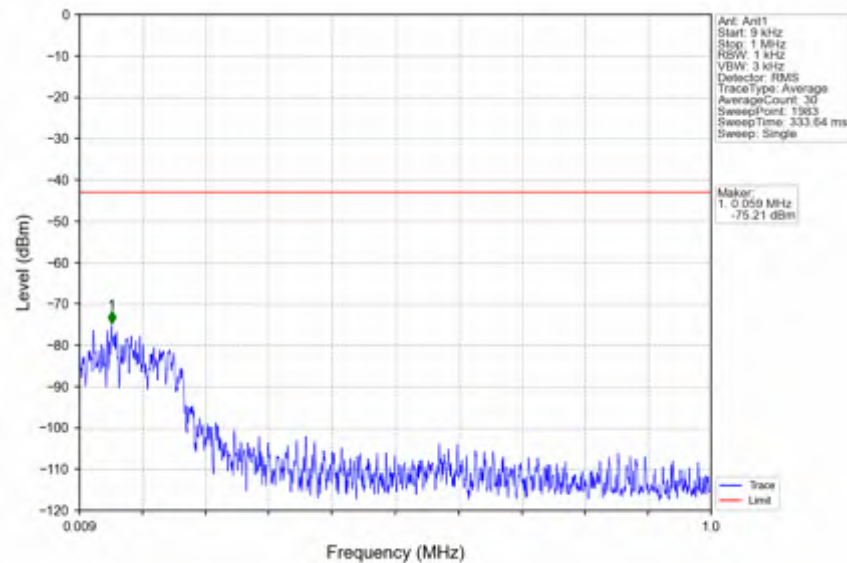


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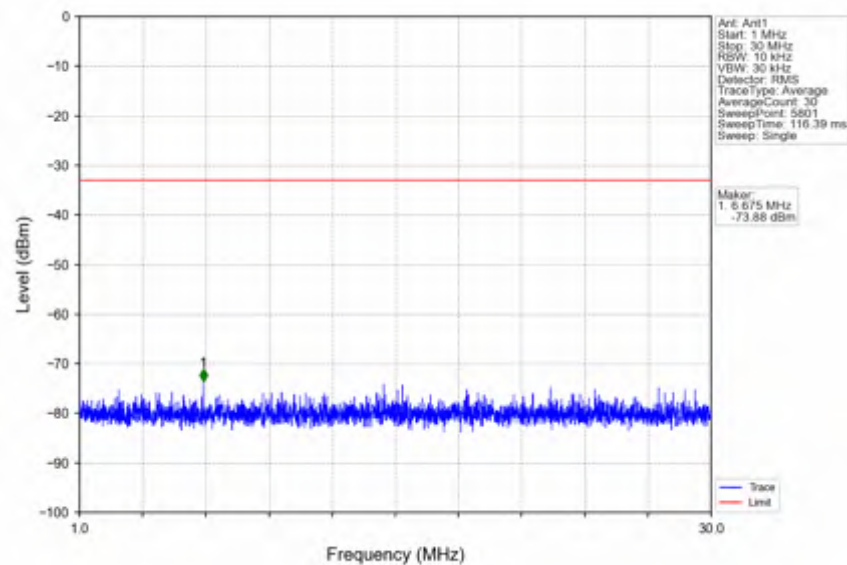
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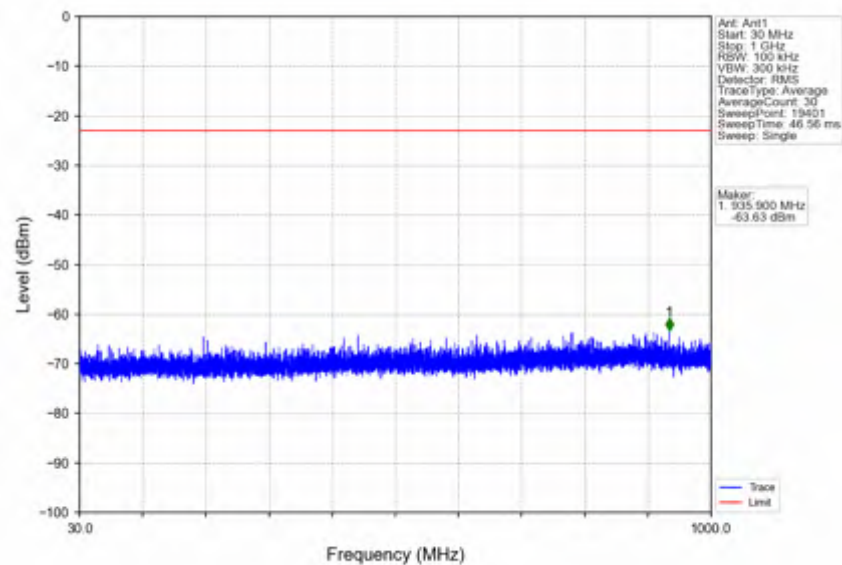
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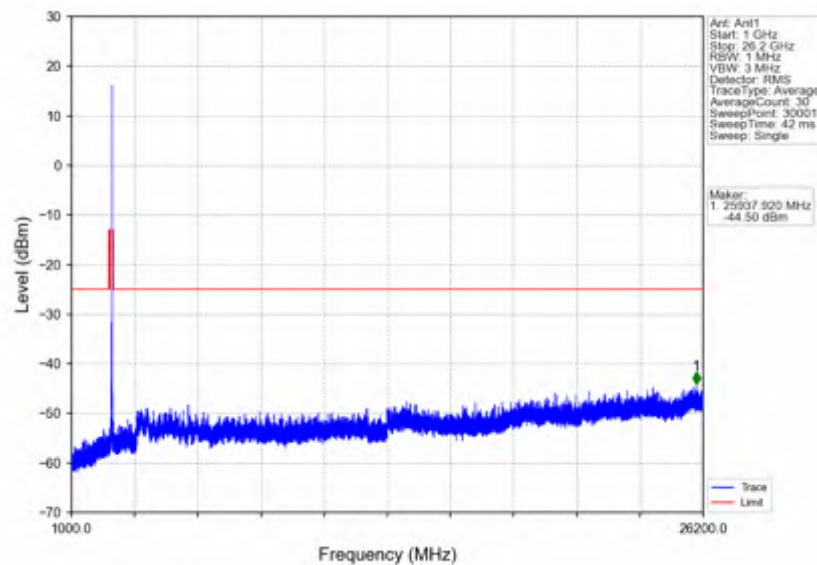
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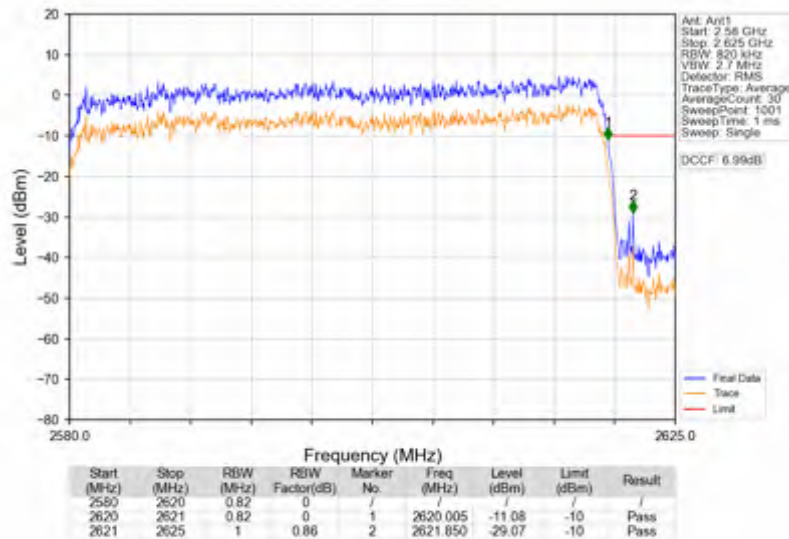
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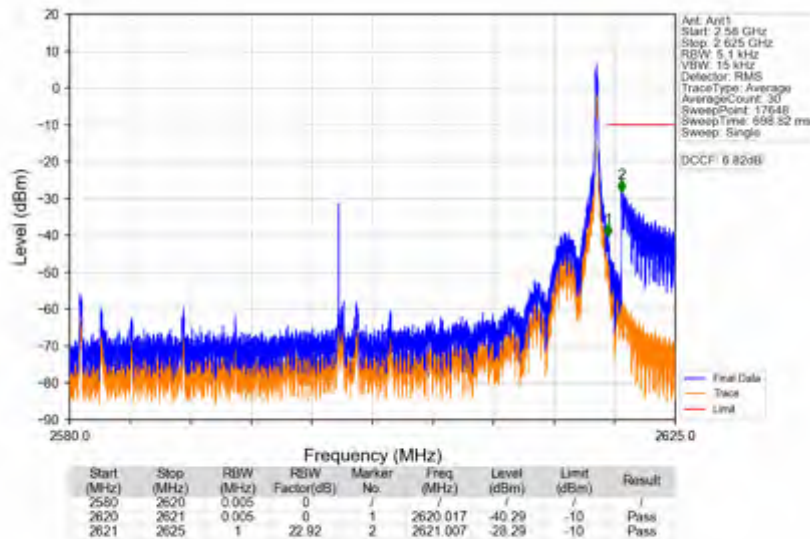
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n38_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2600MHz_Outer_Full



n38_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2600MHz_Inner_1RB_Right



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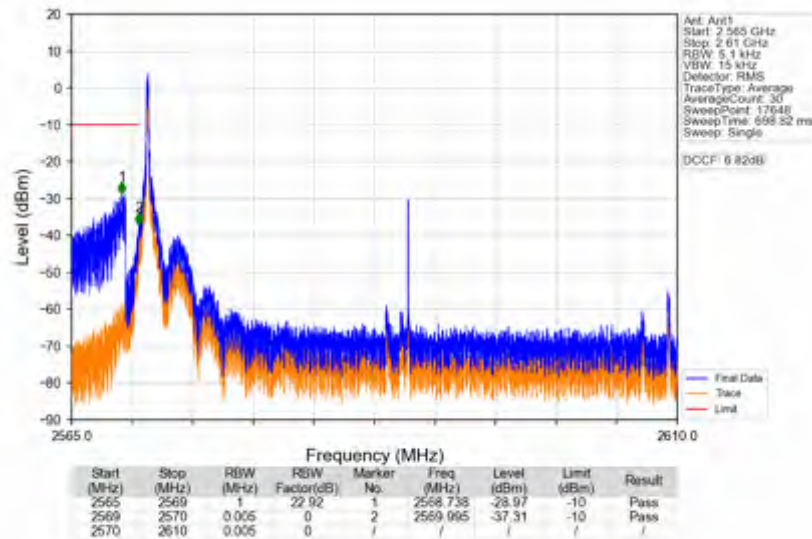
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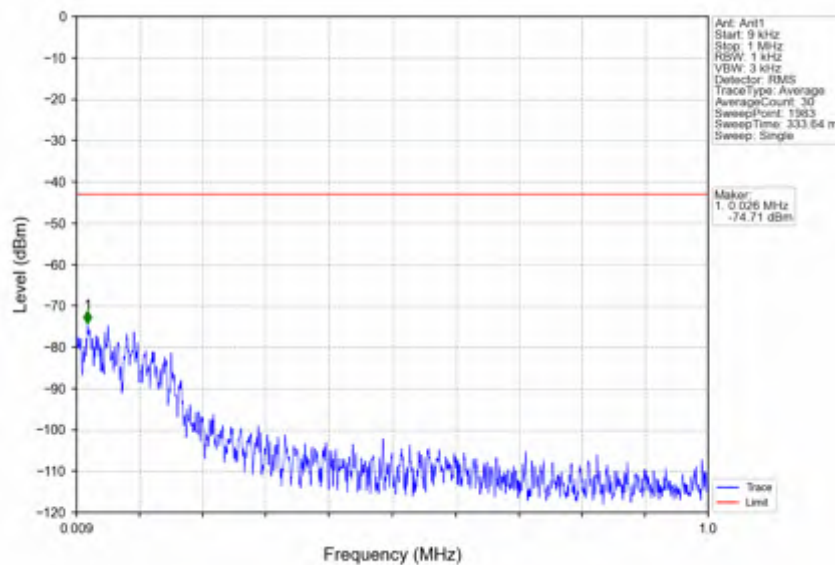
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n38_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2590MHz_Edge_1RB_Left



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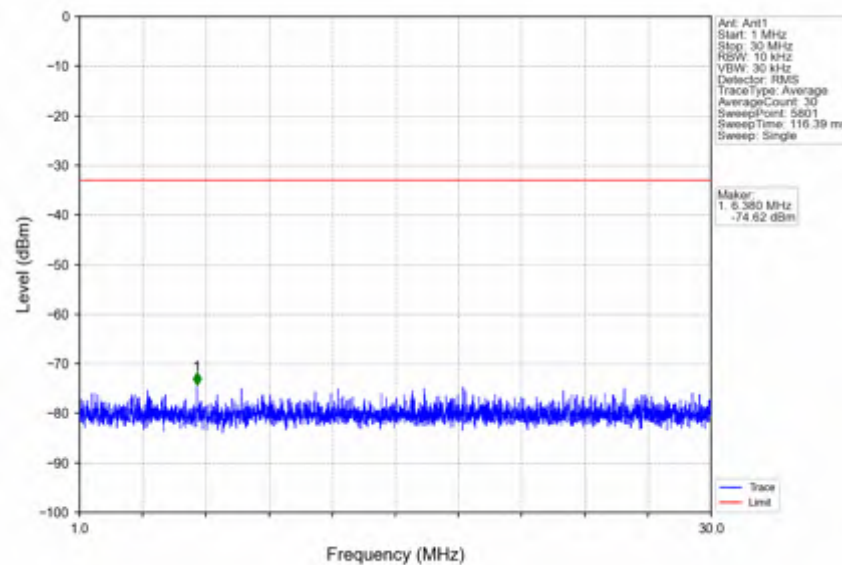
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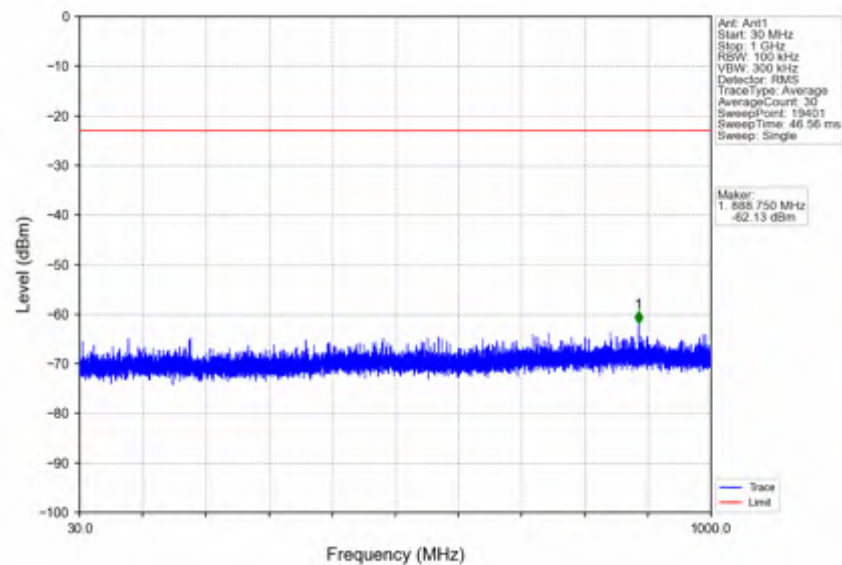
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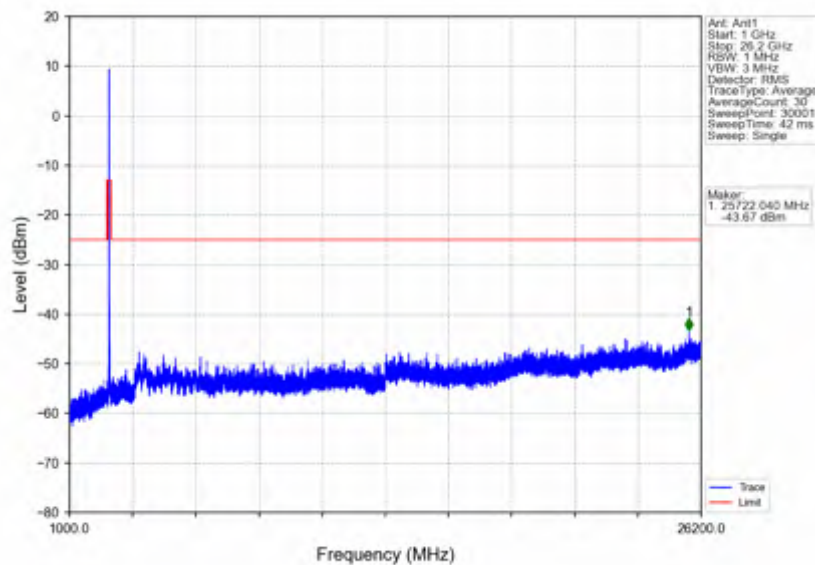
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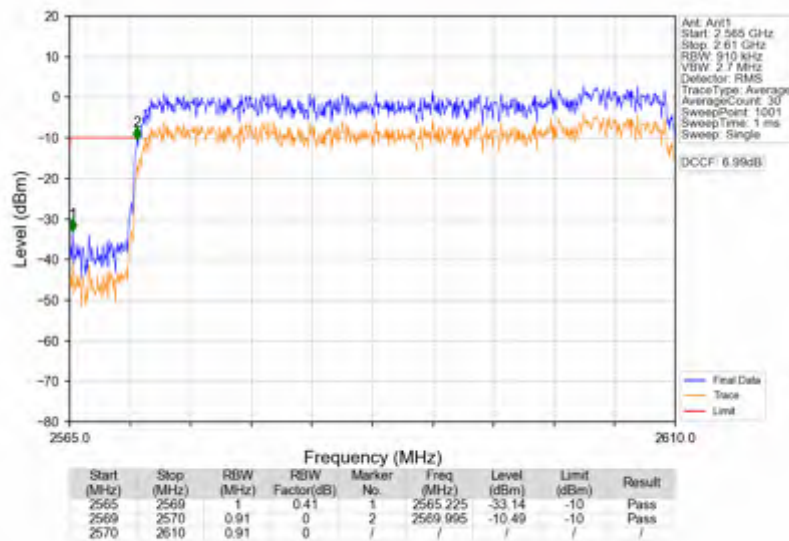
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n38_15kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2590MHz_Outer_Full



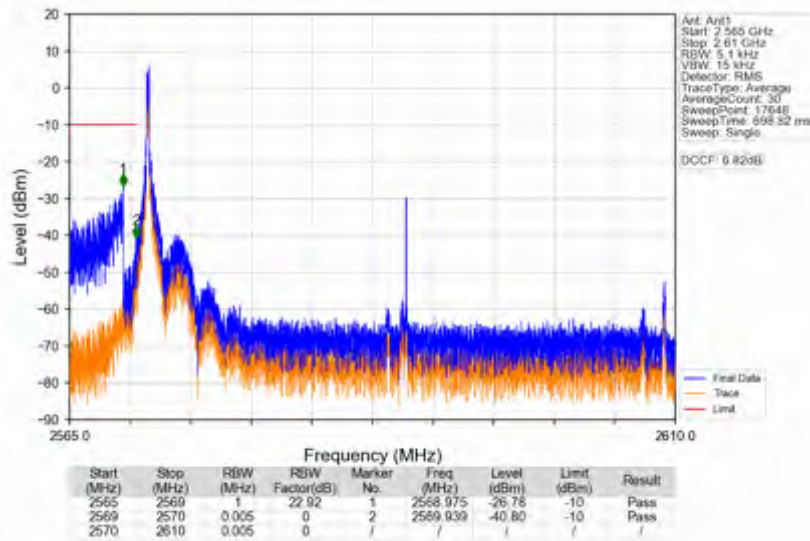
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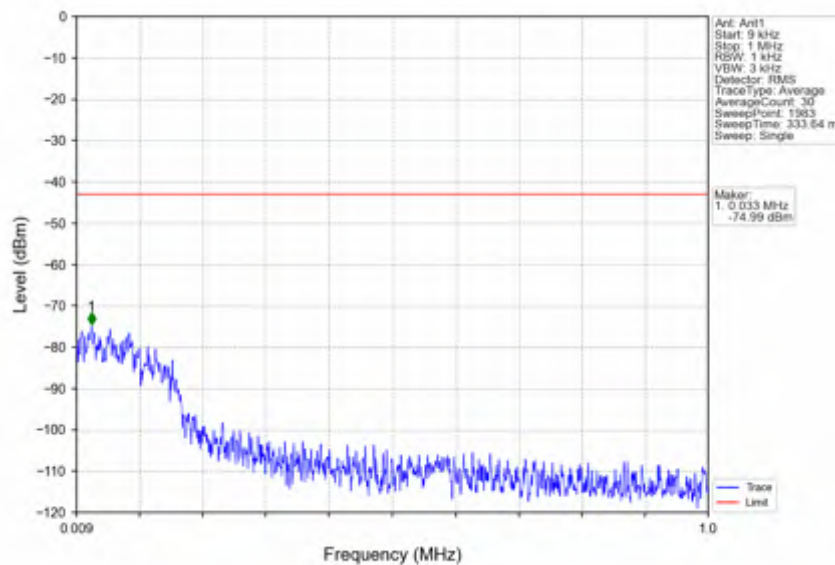
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n38 15kHz SISO NTN 40MHz CP-OFDM QPSK 2590MHz Inner 1RB Left



n38 15kHz SISO NTN 40MHz CP-OFDM QPSK 2595MHz Edge 1RB Left

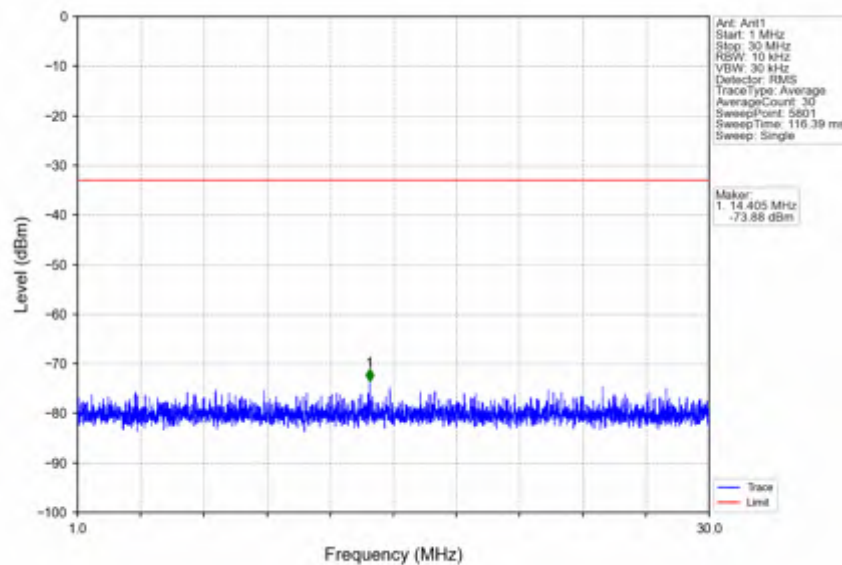


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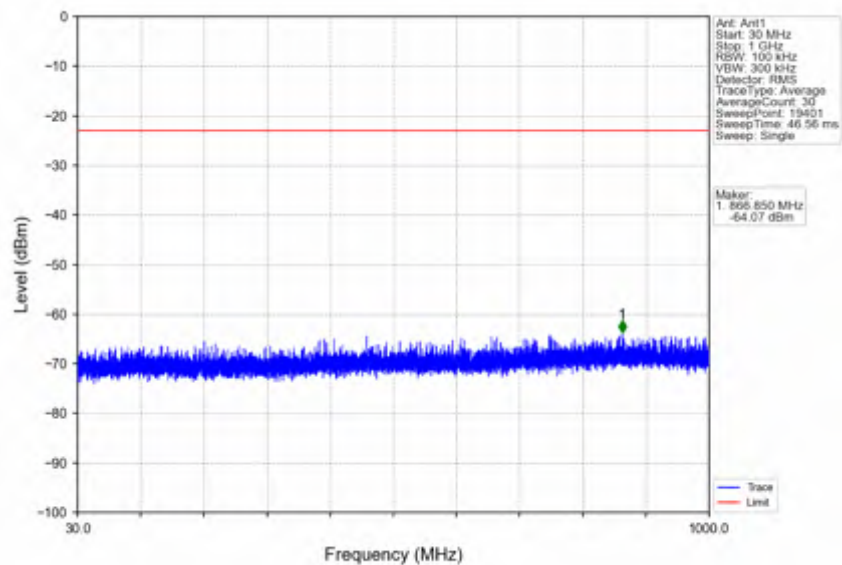
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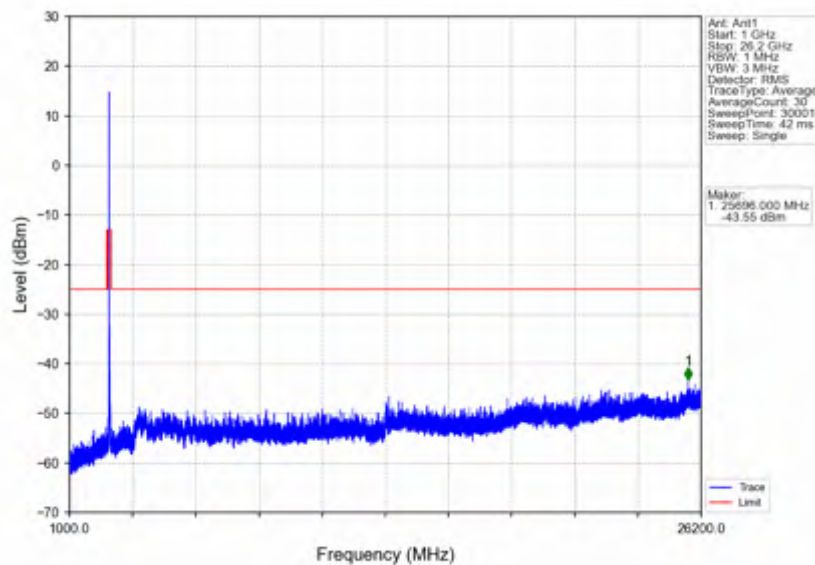
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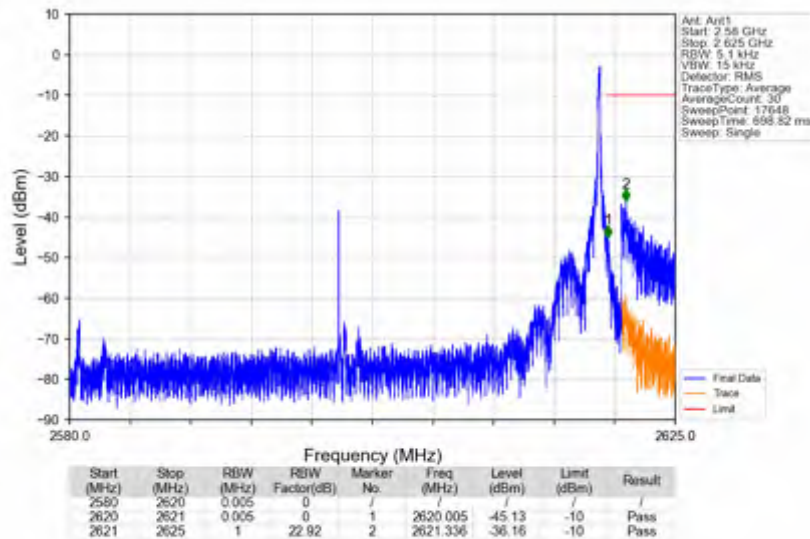
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n38_15kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2595MHz_Edge_1RB_Left



n38_15kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2600MHz_Edge_1RB_Right



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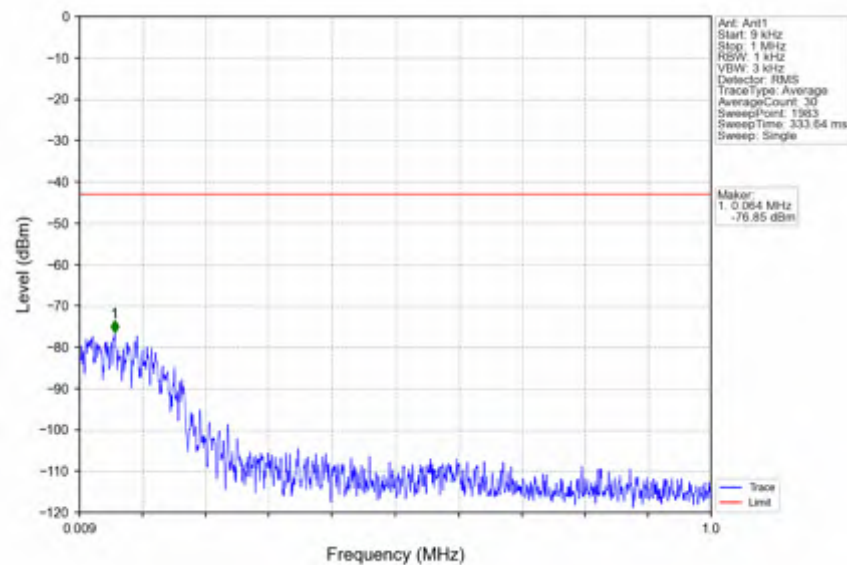
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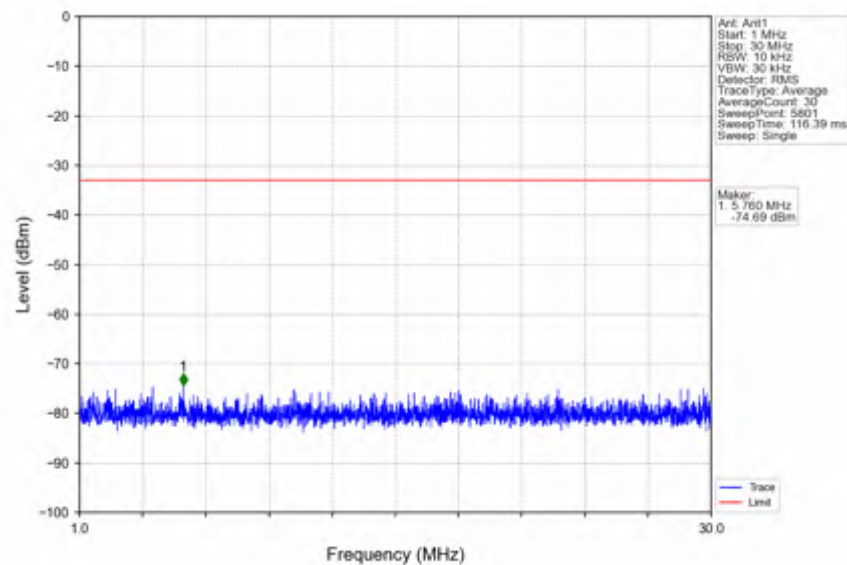
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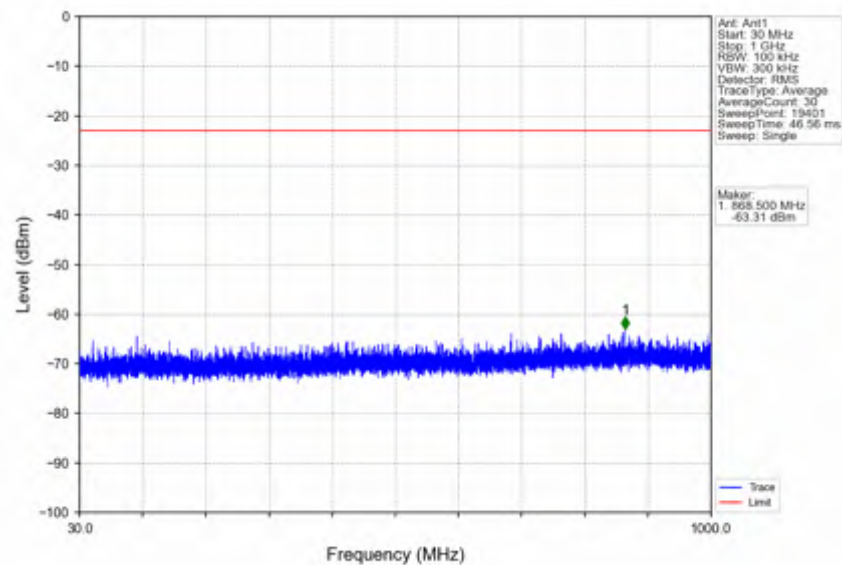
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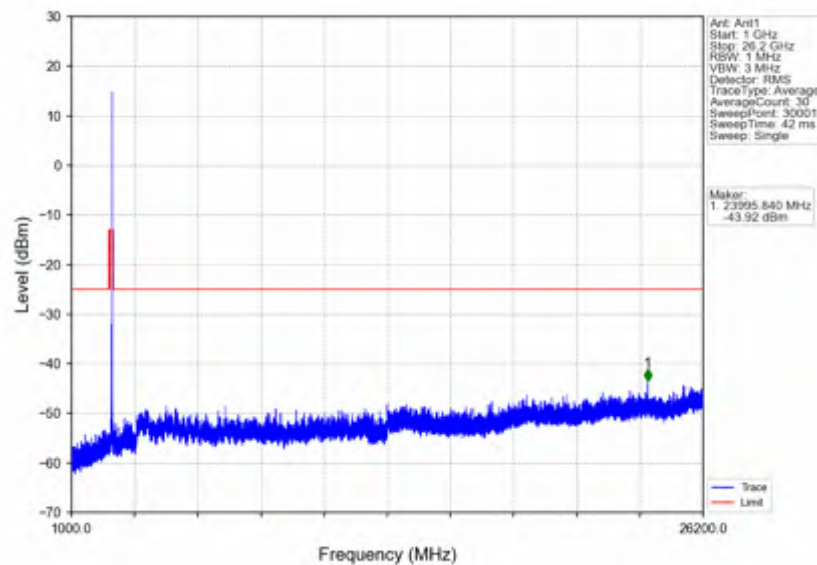
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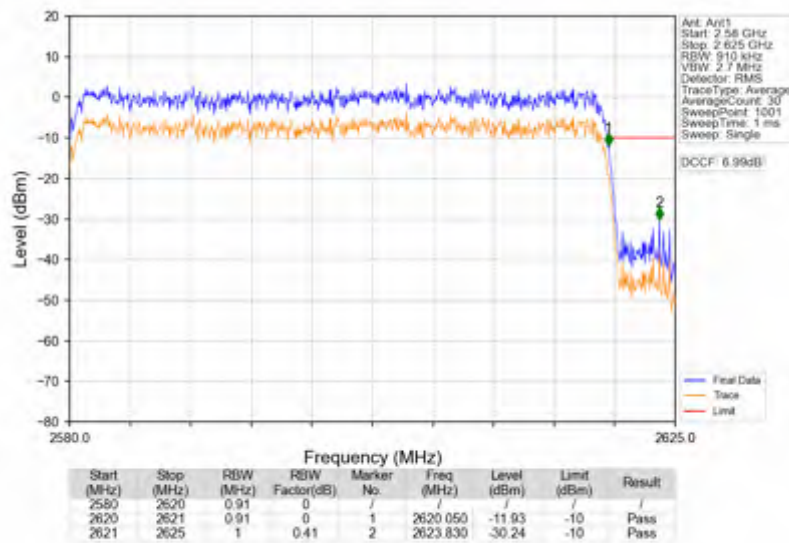


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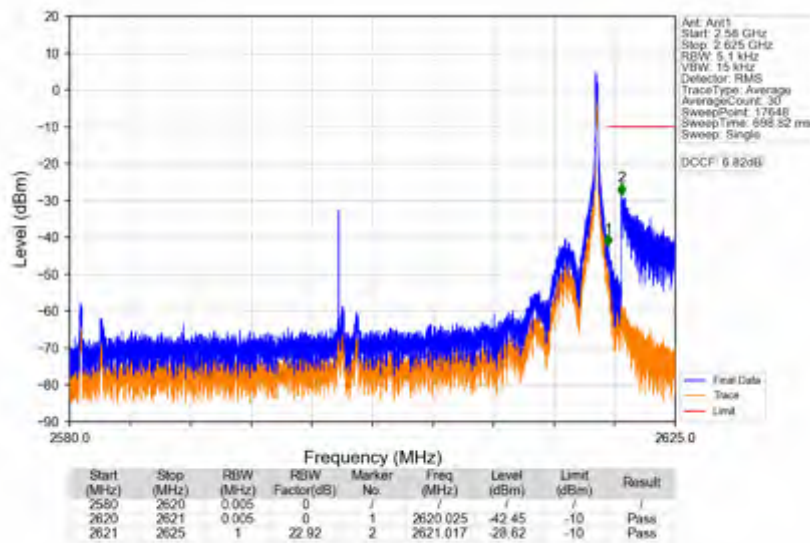
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5.8 30k_SISO_10MHz_NTNV

5.8.1 Test Result

5G NR n38 SCS=30kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	2575	Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
	2615	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	2575	Inner 1RB Right	Refer To Test Graph			Pass
	2595	Edge 1RB Left	Refer To Test Graph			Pass
		Edge 1RB Right	Refer To Test Graph			Pass
	2615	Outer Full	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
CP-OFDM QPSK	2575	Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
	2595	Edge 1RB Left	Refer To Test Graph			Pass
		Edge 1RB Right	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
	2615	Inner 1RB Right	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass



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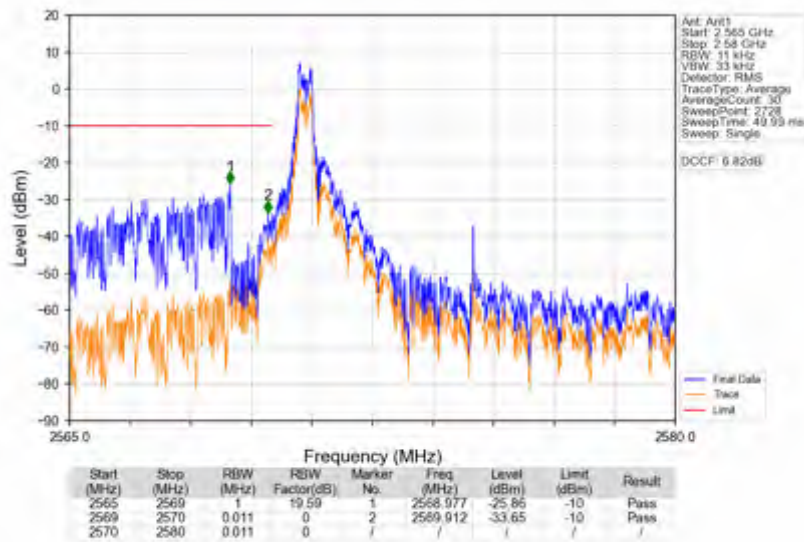
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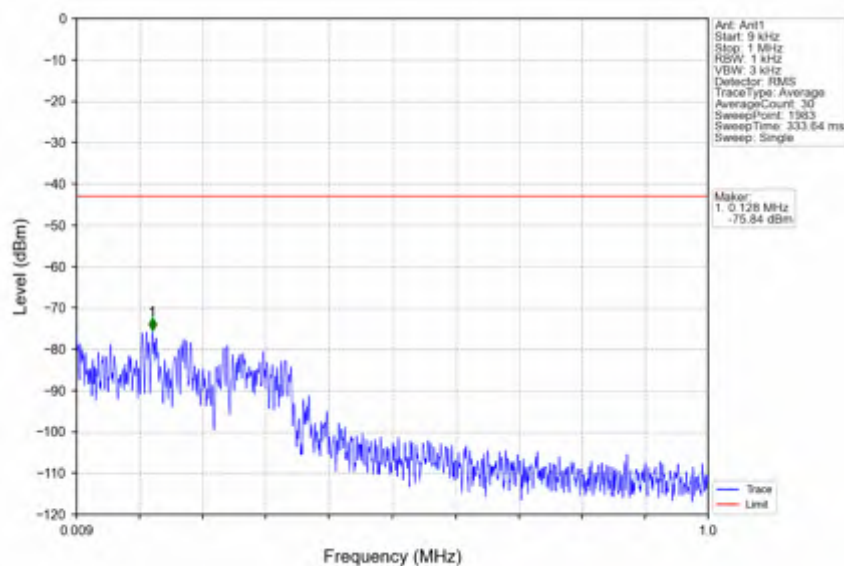
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5.8.2 Test Graph

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2575MHz_Edge_1RB_Left



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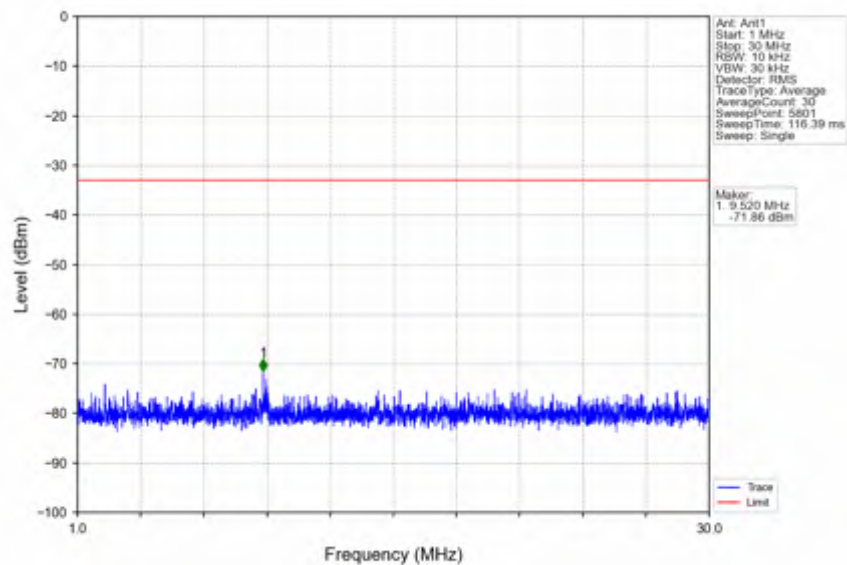
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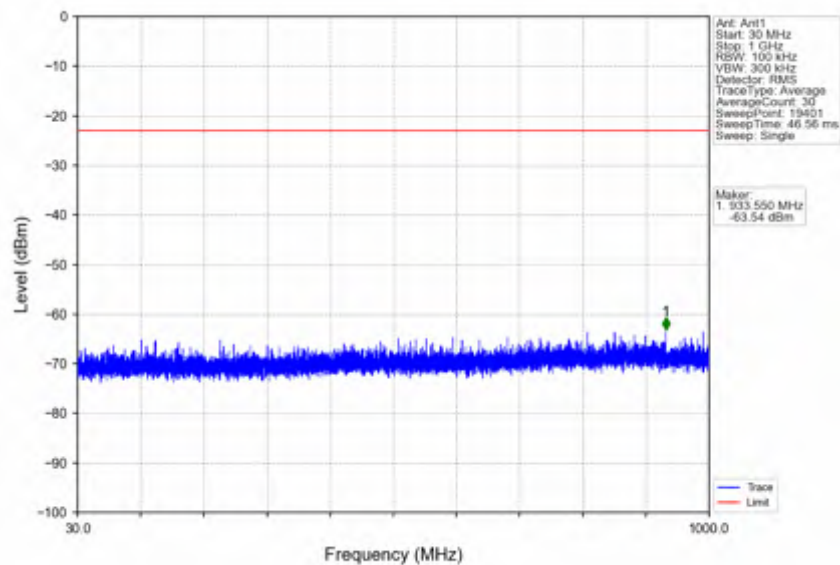
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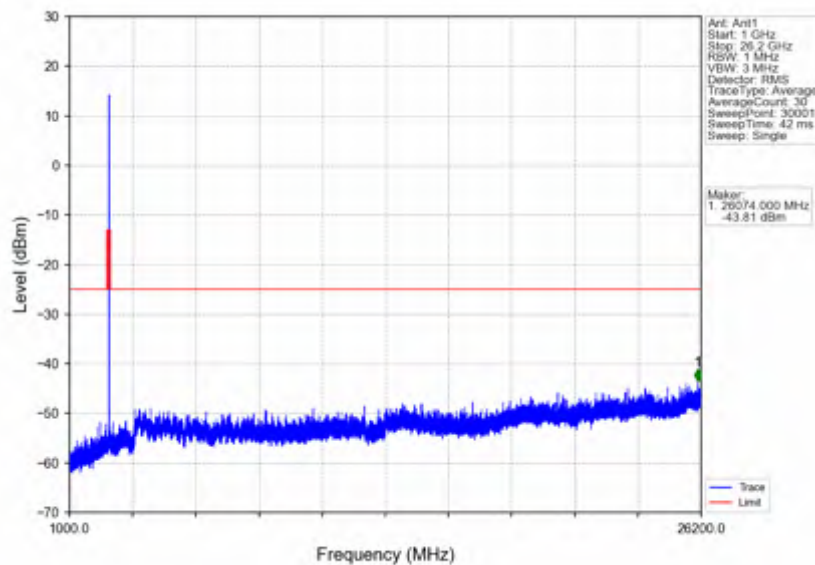
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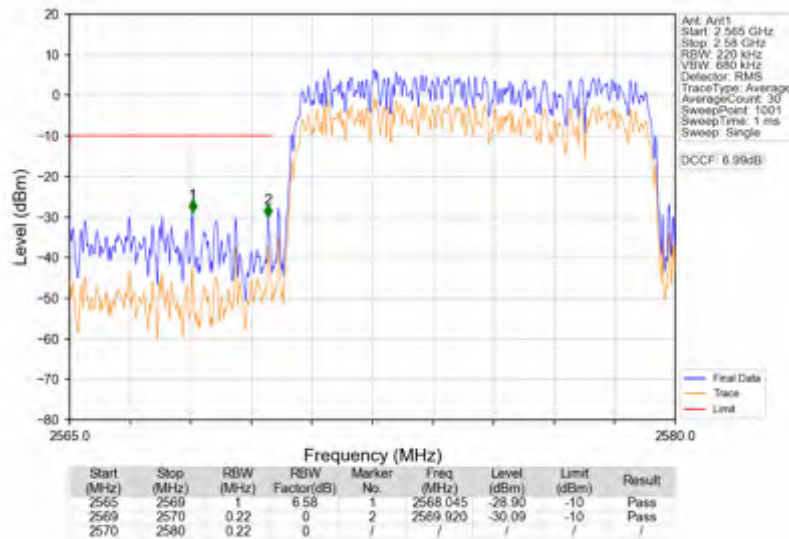
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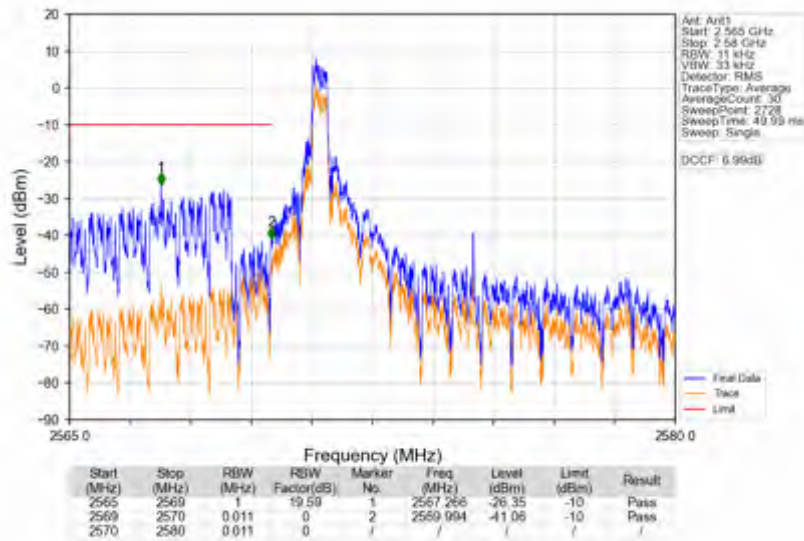
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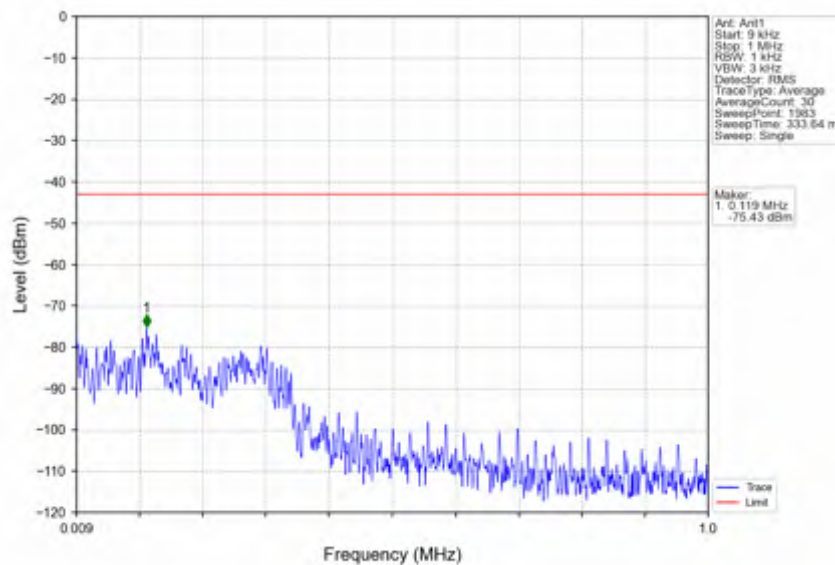
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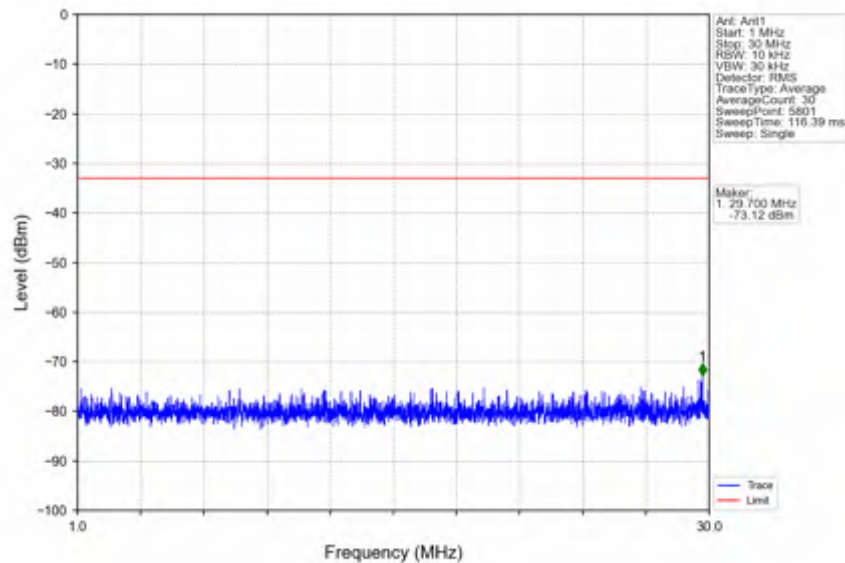
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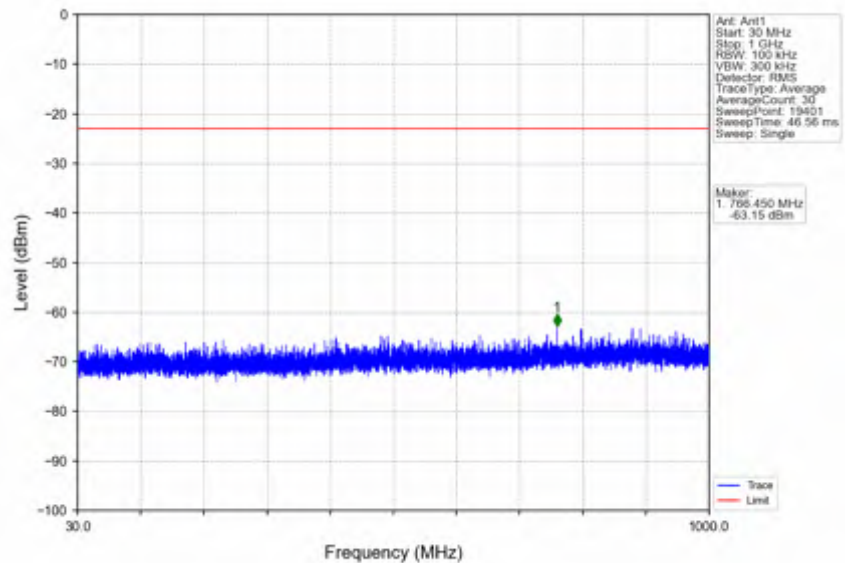
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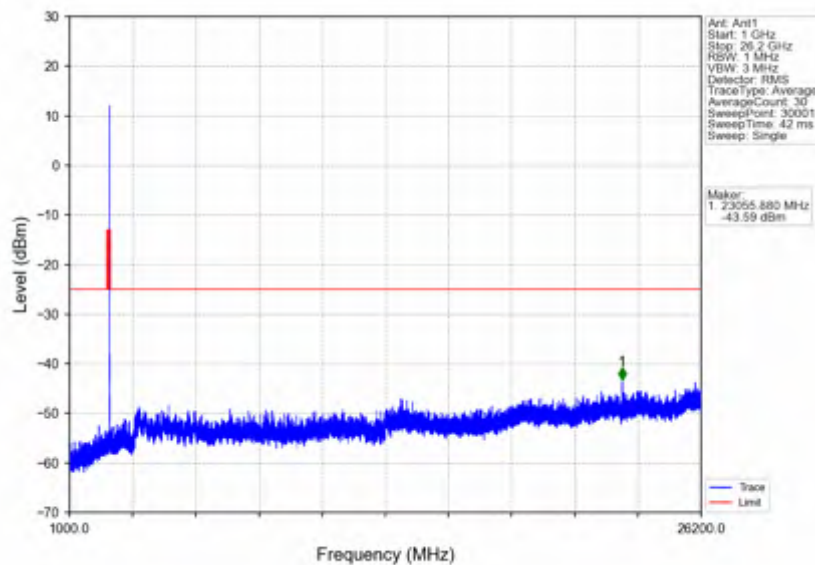
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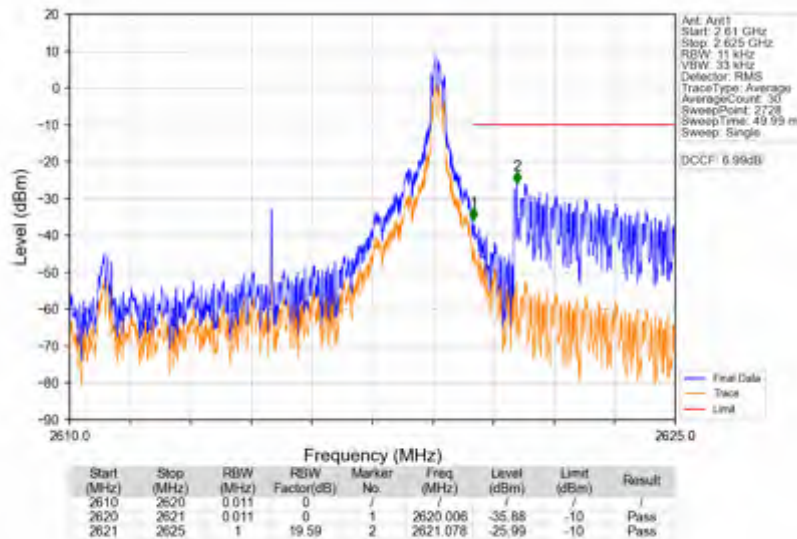
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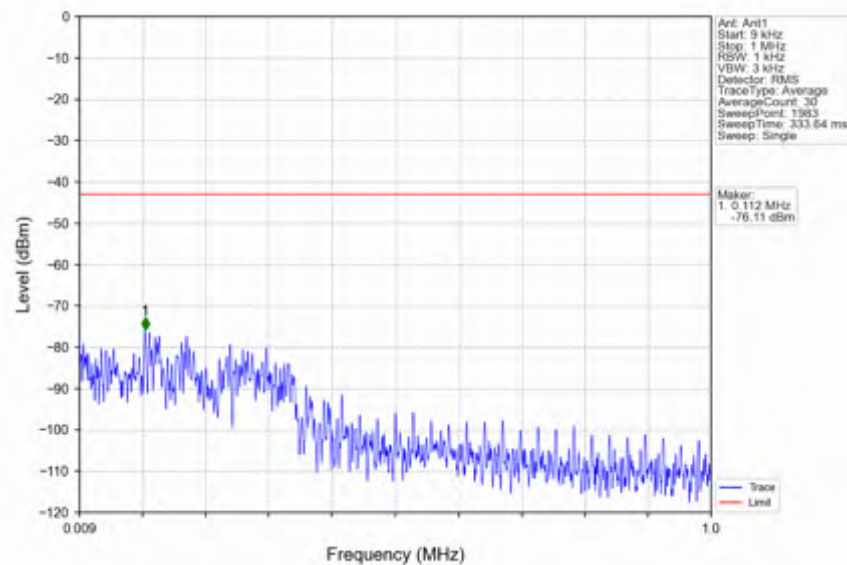
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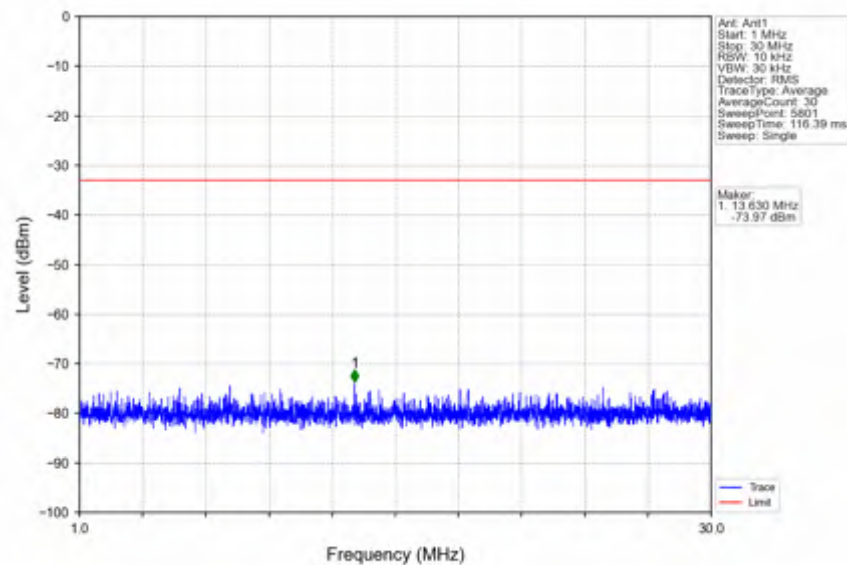
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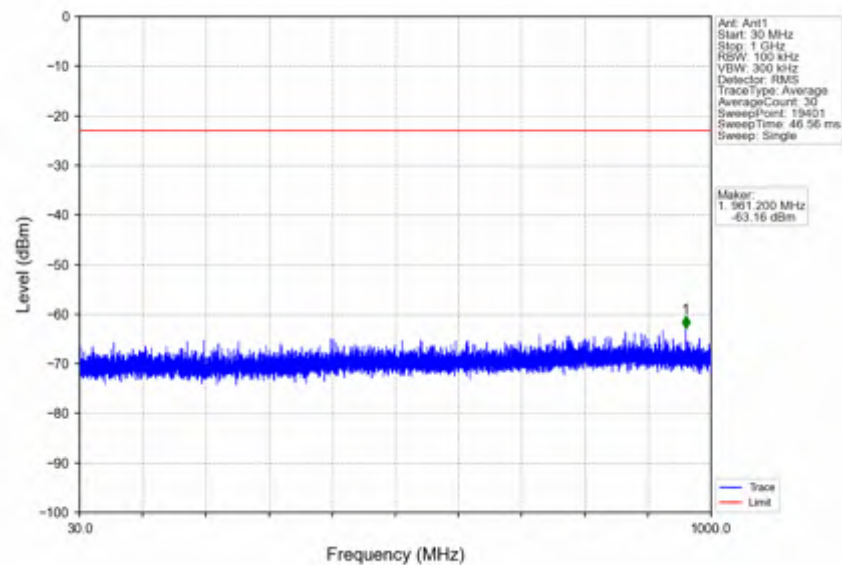
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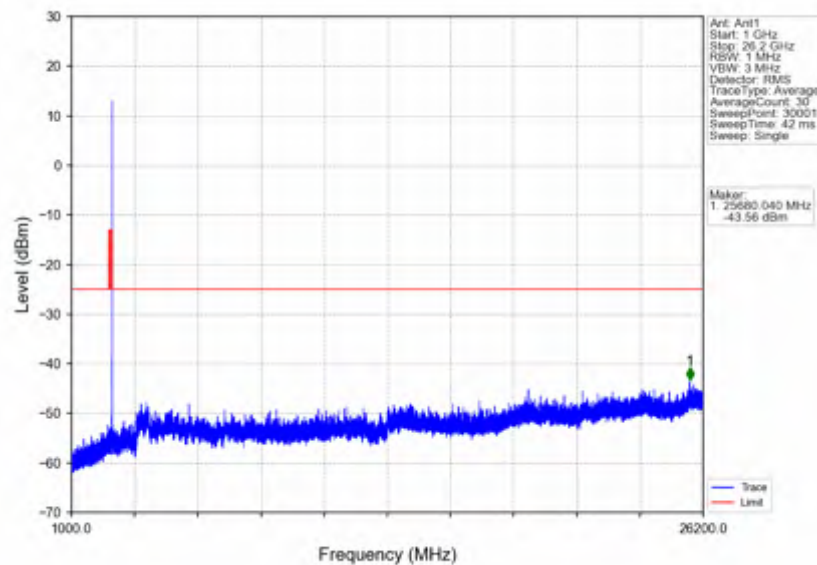
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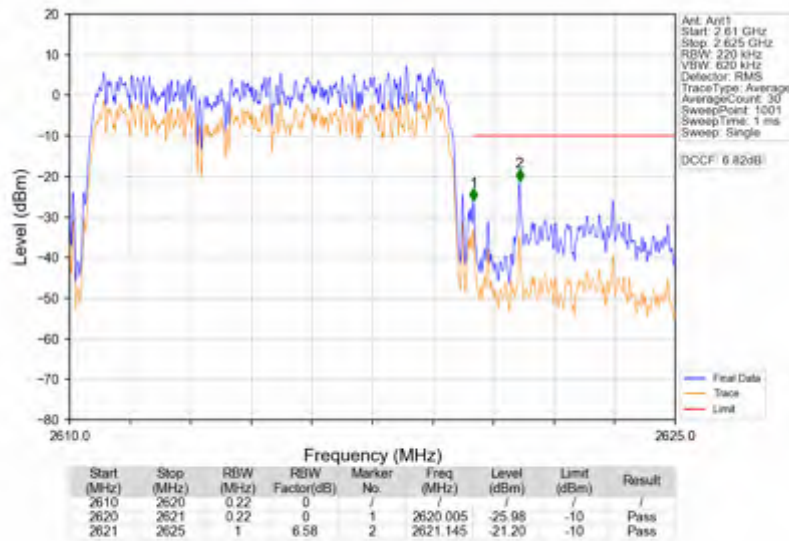
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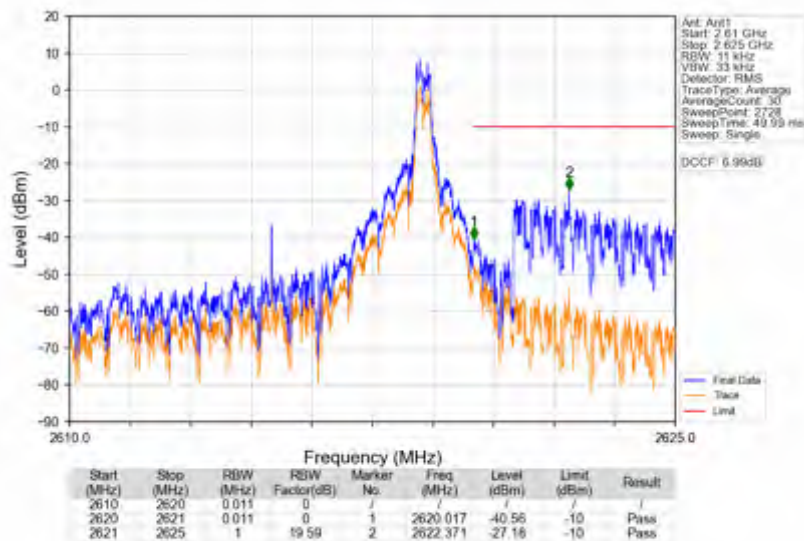
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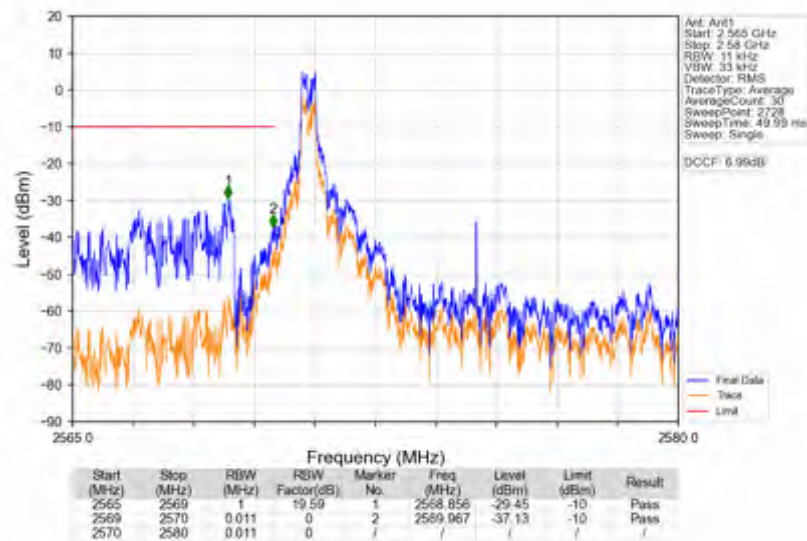
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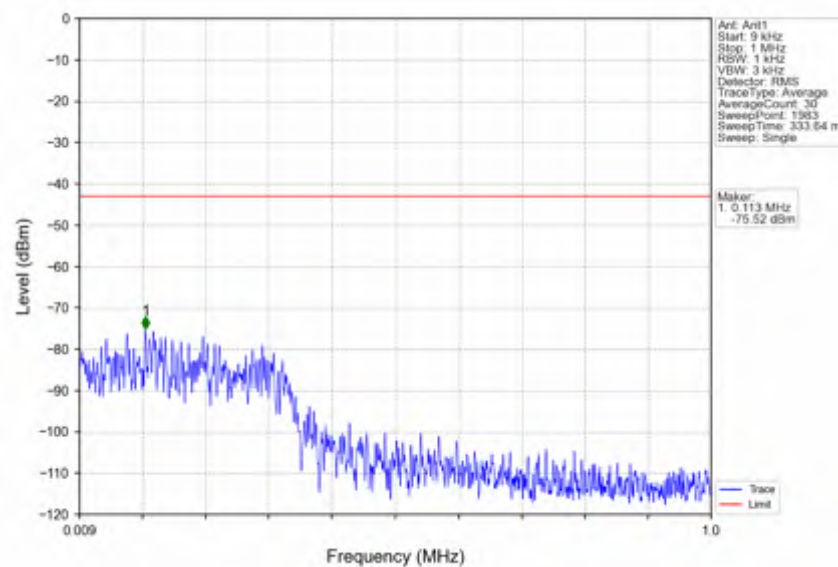
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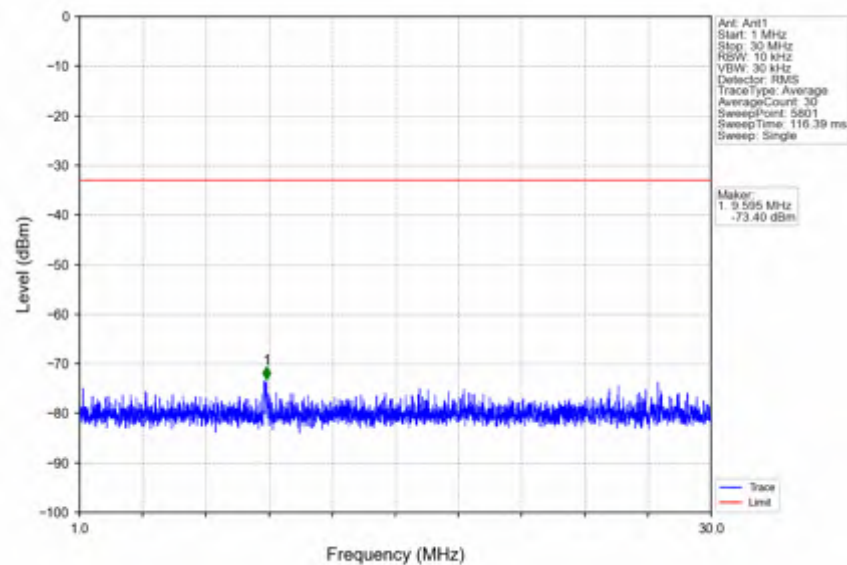


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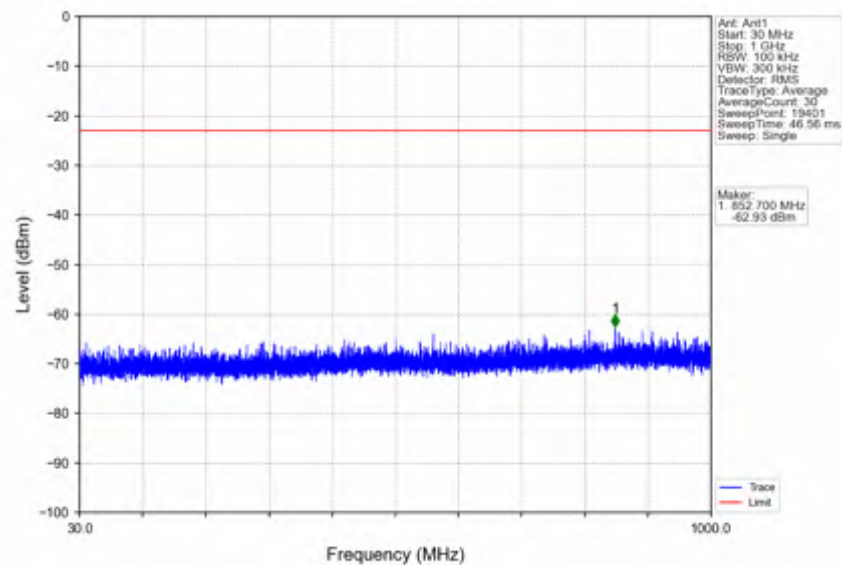
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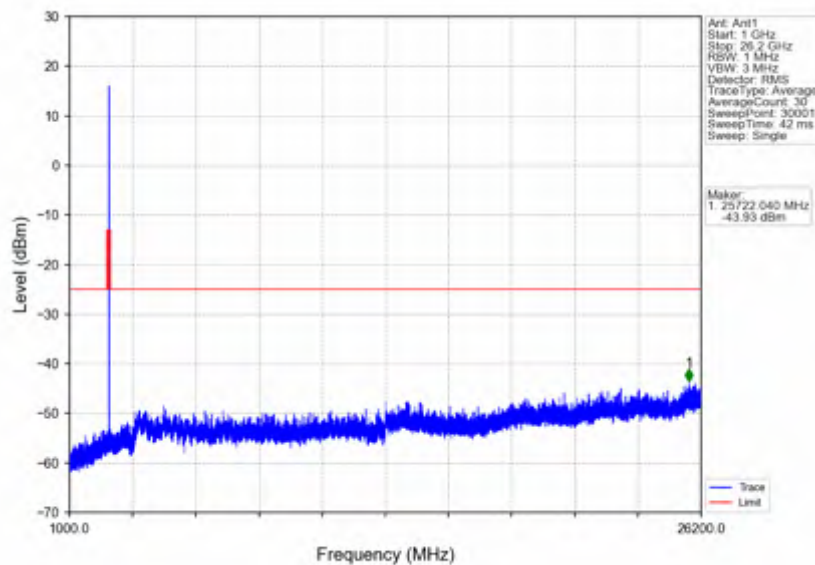
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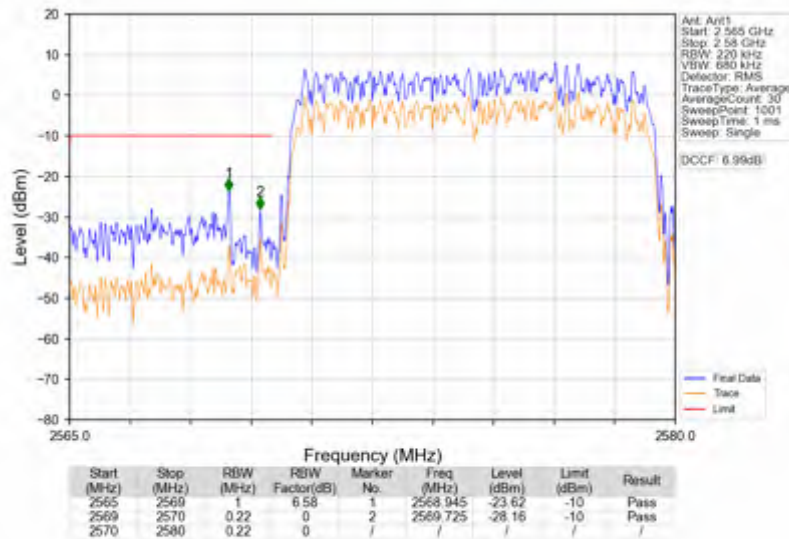
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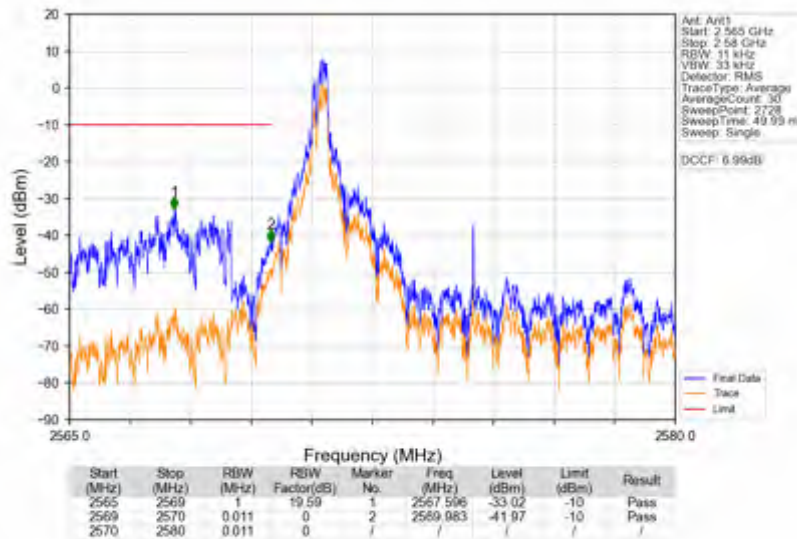
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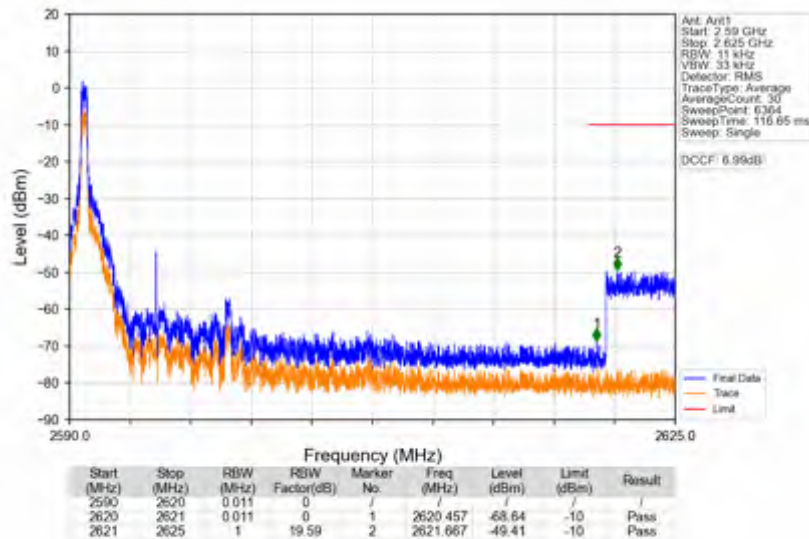
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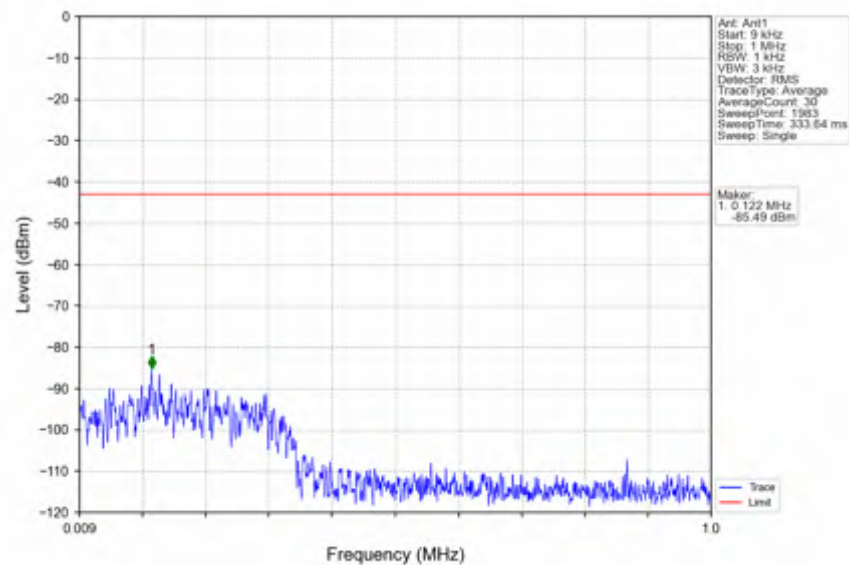
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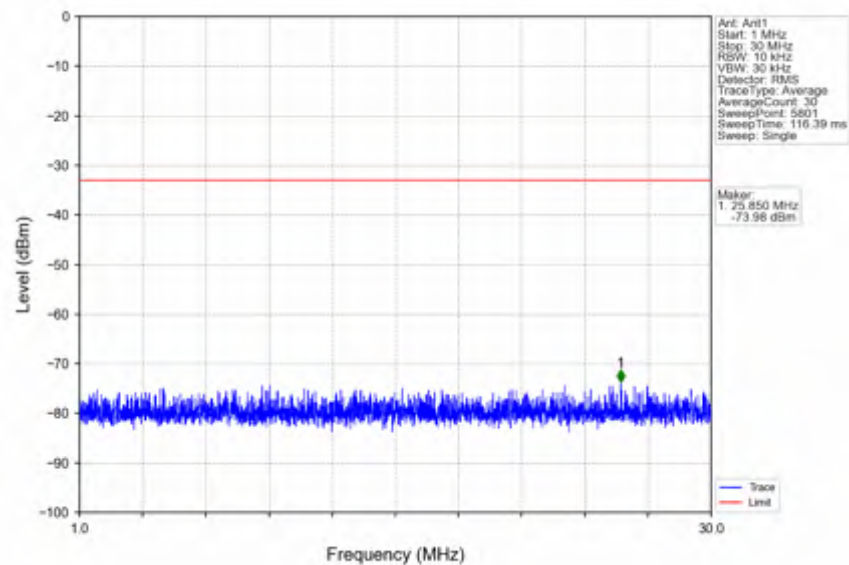
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n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2595MHz_Edge_1RB_Left



n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2595MHz_Edge_1RB_Left



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