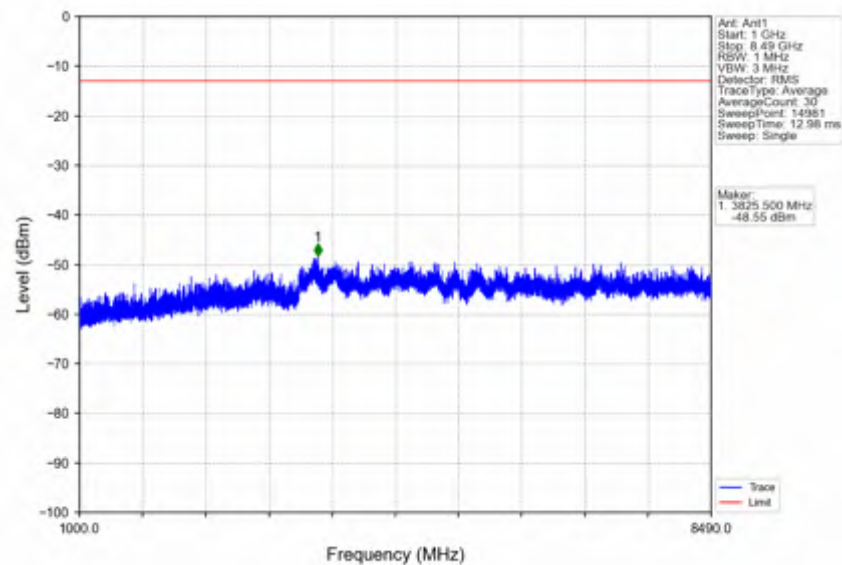
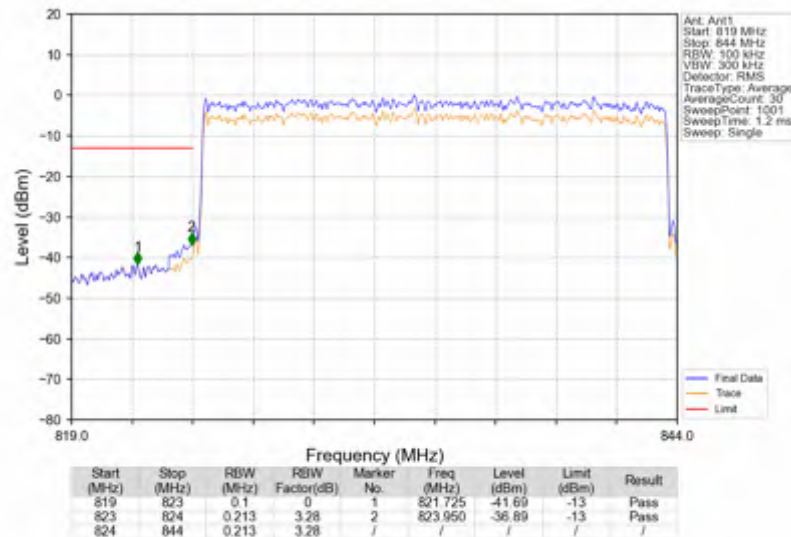


n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_834MHz_Edge_1RB_Left



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_834MHz_Outer_Full



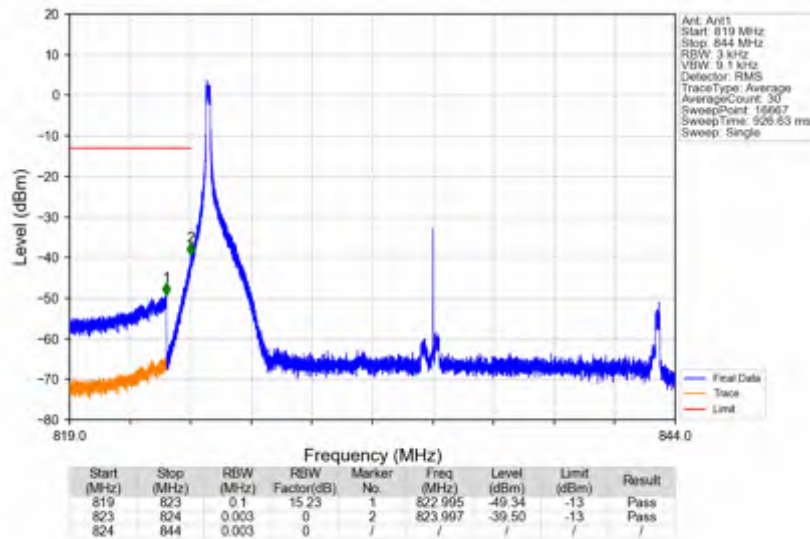
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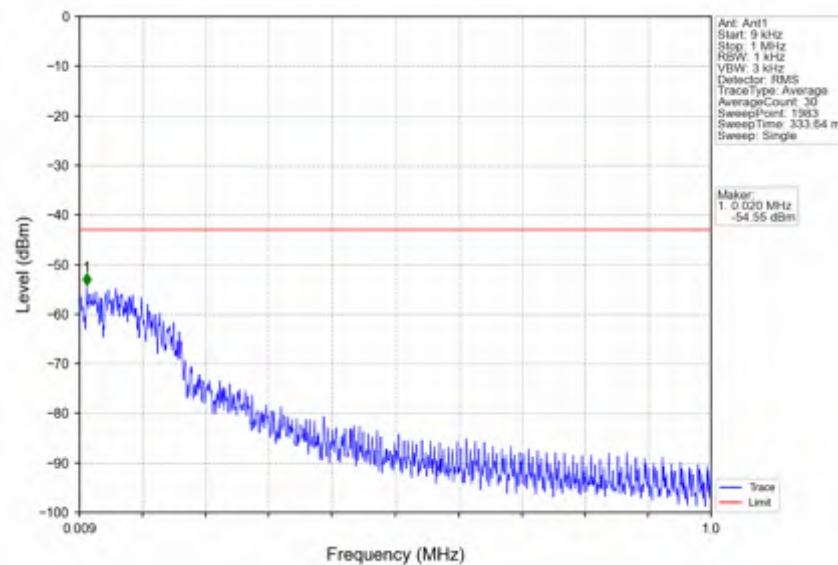
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n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Inner_1RB_Left



n5 15kHz SISO NTN 20MHz CP-OFDM QPSK 836.5MHz Edge 1RB Left

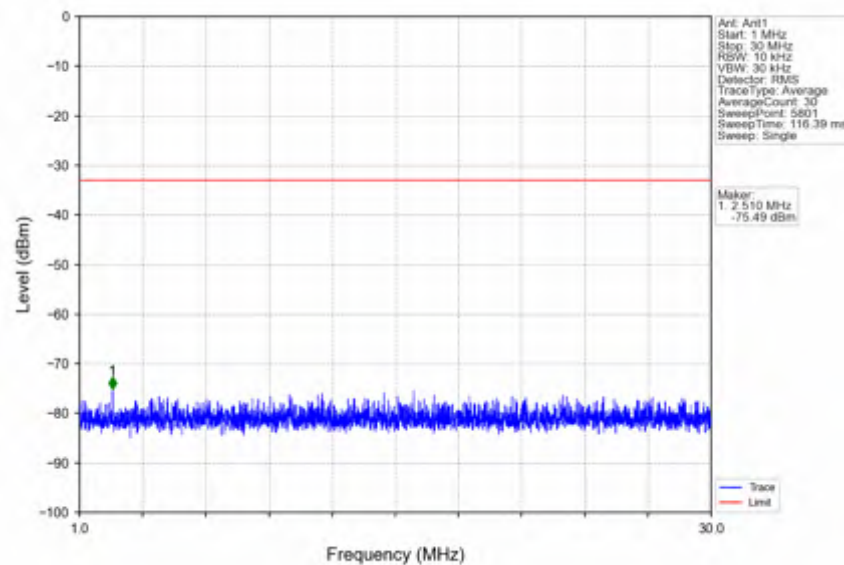


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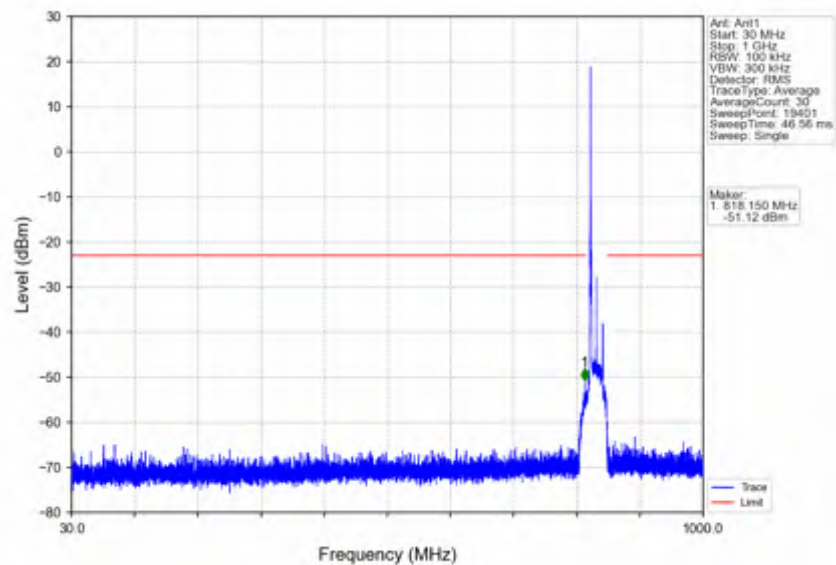
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n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left



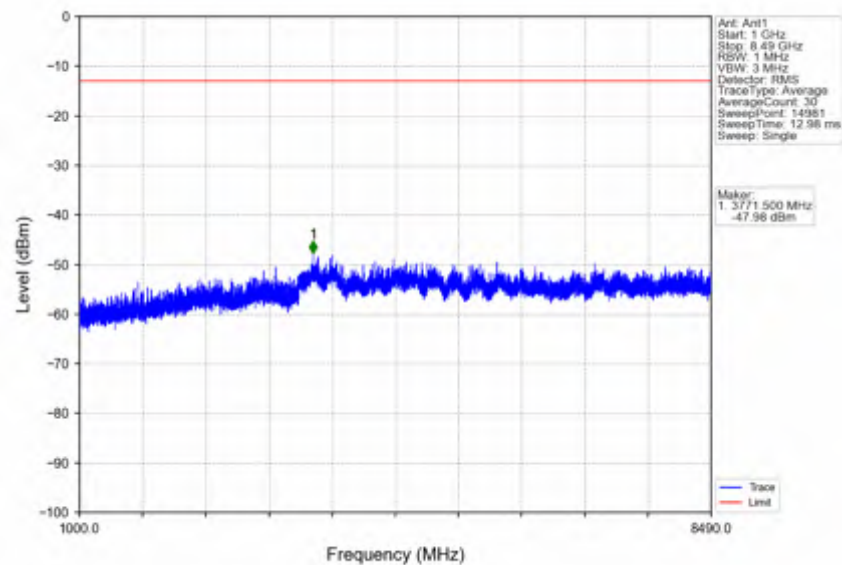
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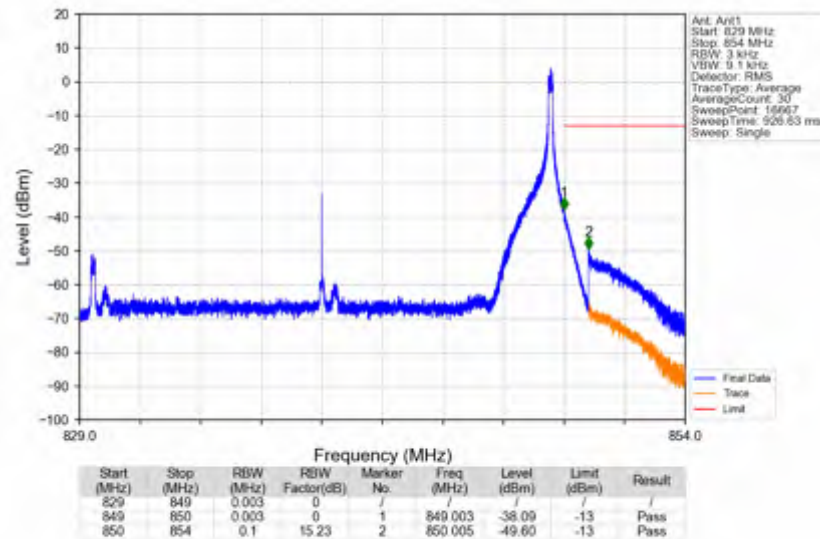
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n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_836.5MHz_Edge_1RB_Left



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_839MHz_Edge_1RB_Right

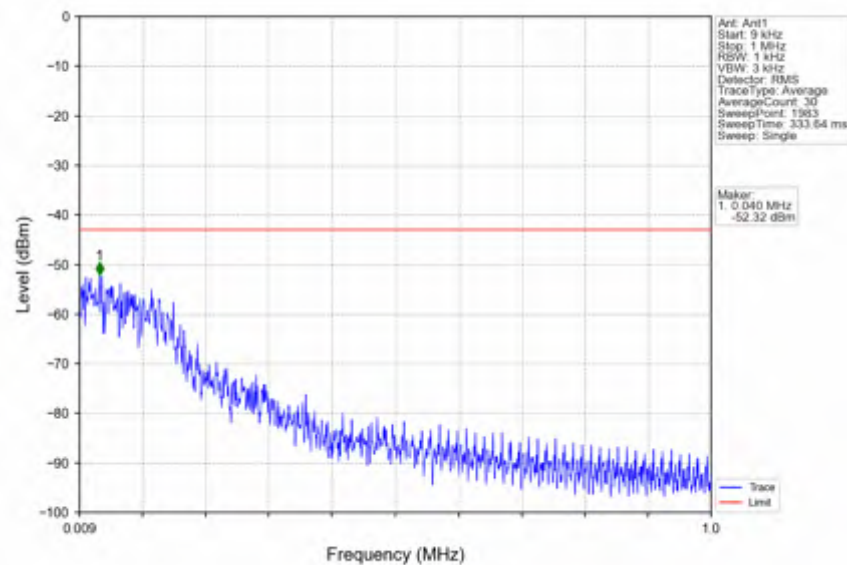


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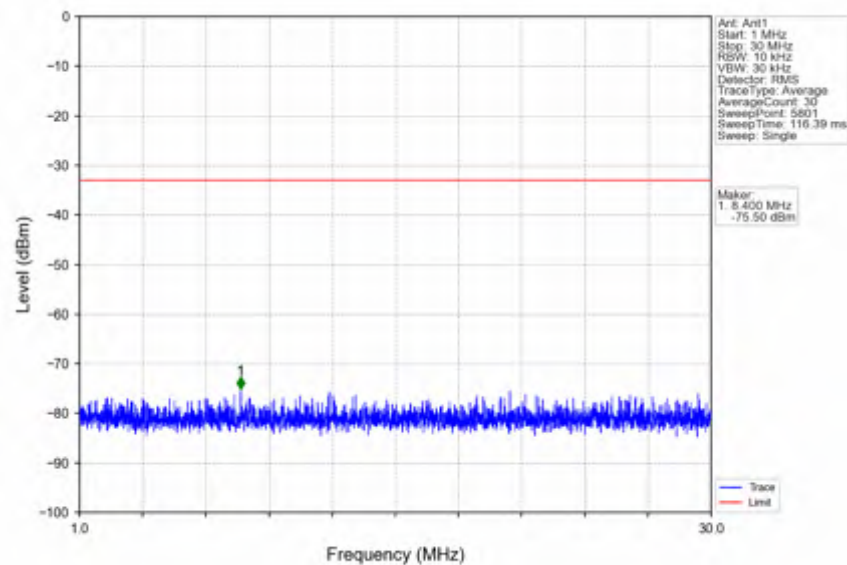
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n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_839MHz_Edge_1RB_Right



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_839MHz_Edge_1RB_Right



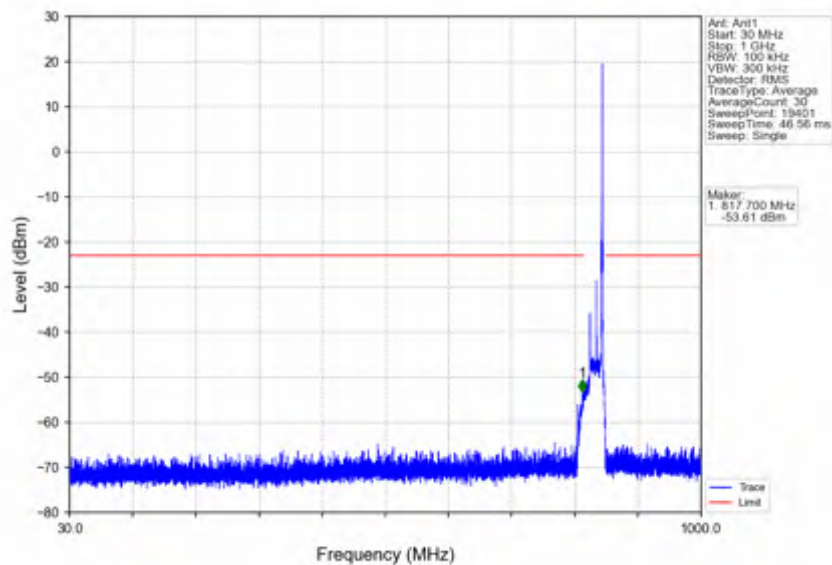
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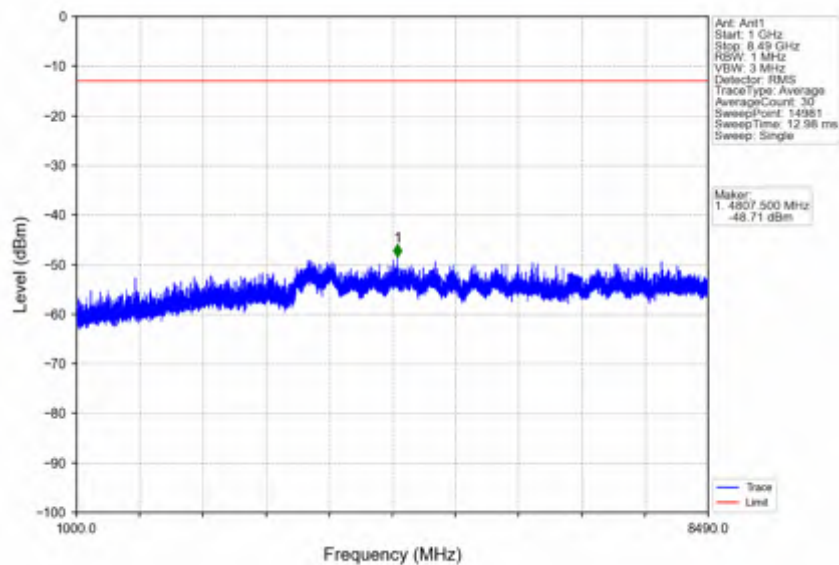
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n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_839MHz_Edge_1RB_Right



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_839MHz_Edge_1RB_Right



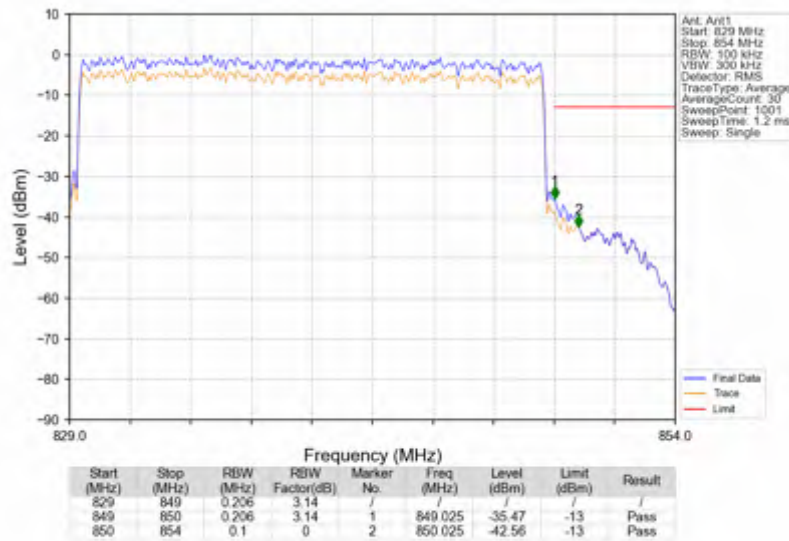
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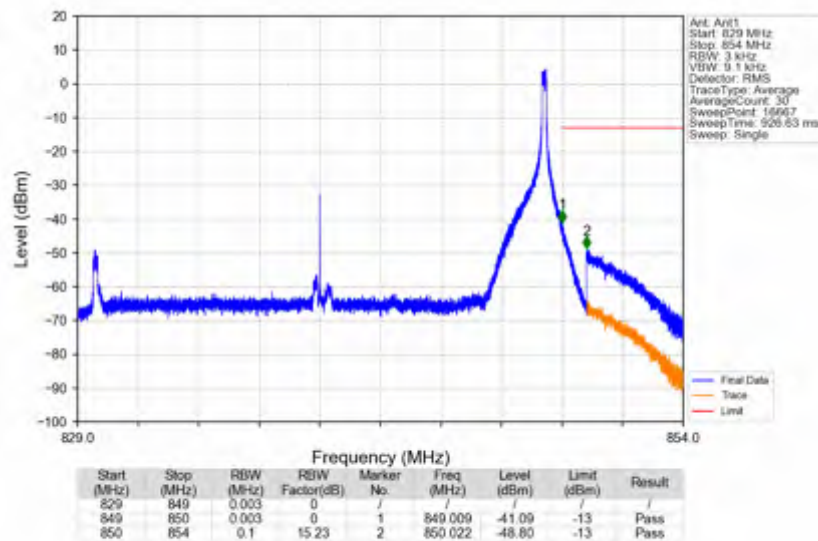
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n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_839MHz_Outer_Full



n5_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_839MHz_Inner_1RB_Right



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2.5 30k_SISO_10MHz_NTNV

2.5.1 Test Result

5G NR n5 SCS=30kHz SISO 10MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	829	Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
	836.5	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	829	Inner 1RB Right	Refer To Test Graph			Pass
		Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
	836.5	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	829	Edge 1RB Right	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
	836.5	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	844	Inner 1RB Right	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass



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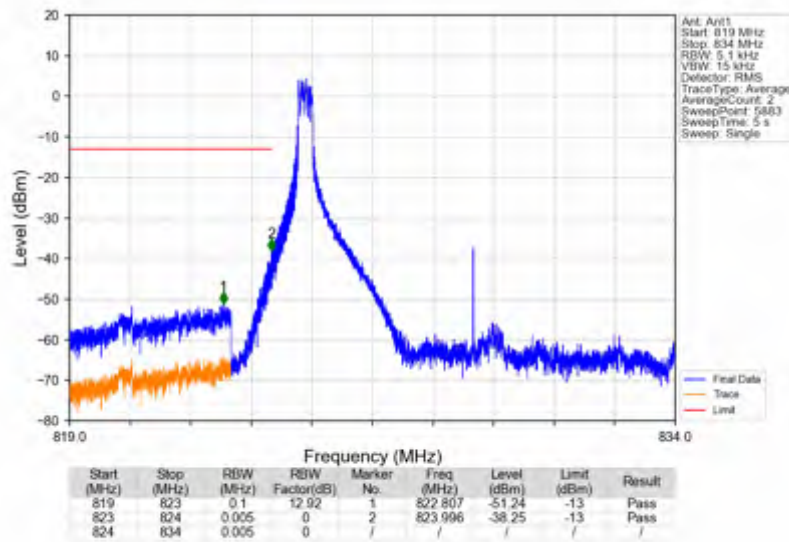
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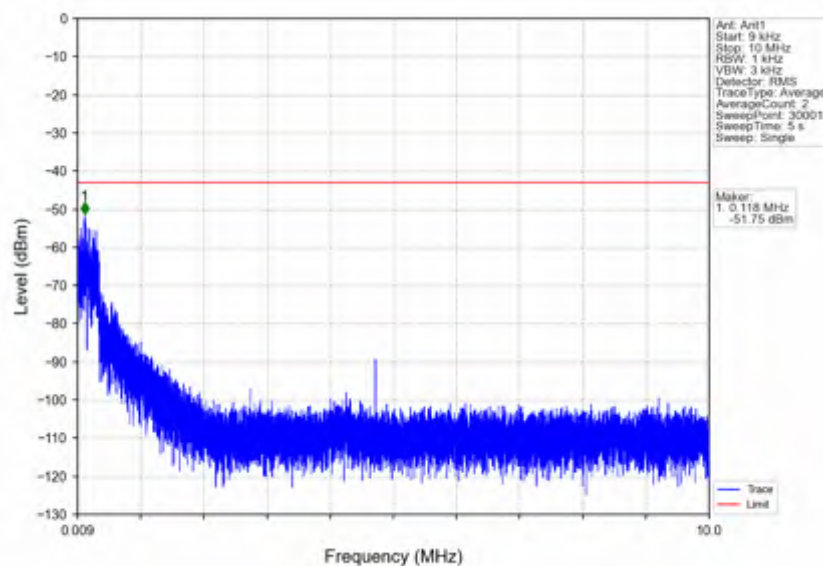
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2.5.2 Test Graph

n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_829MHz_Edge_1RB_Left



n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_829MHz_Edge_1RB_Left

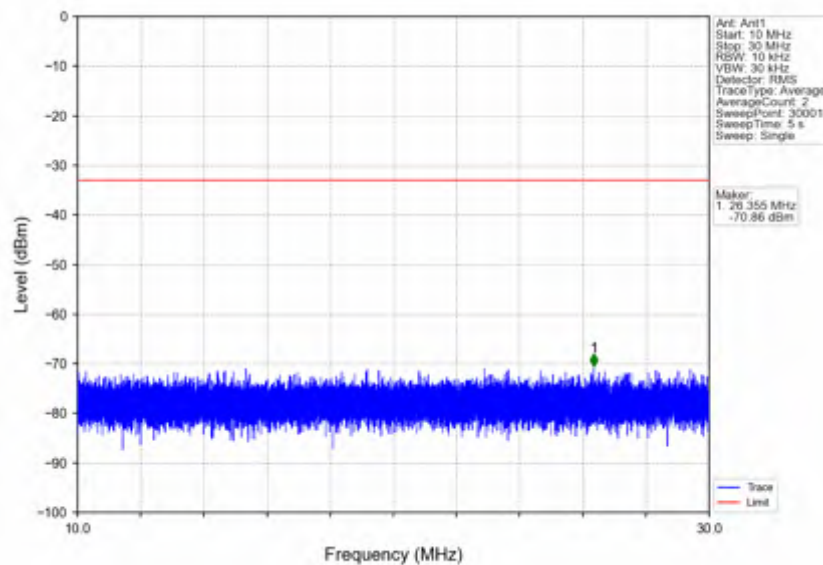


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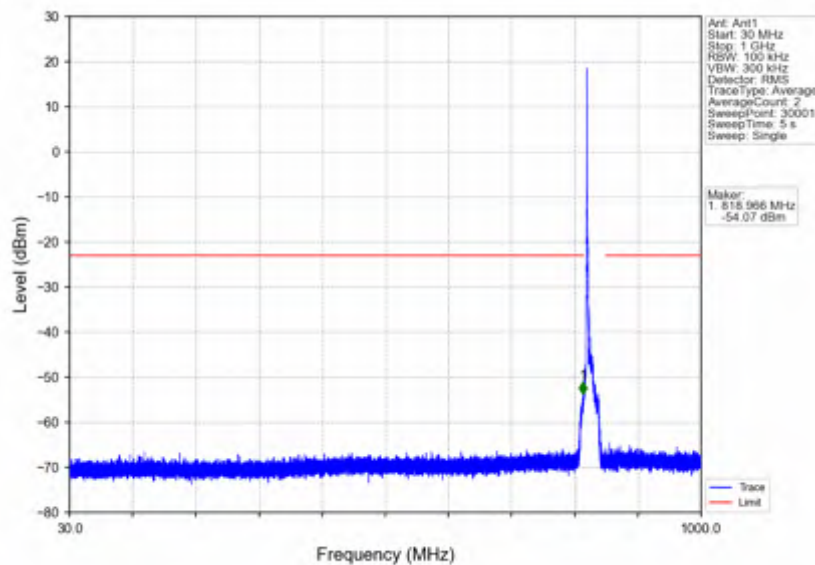
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n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_829MHz_Edge_1RB_Left



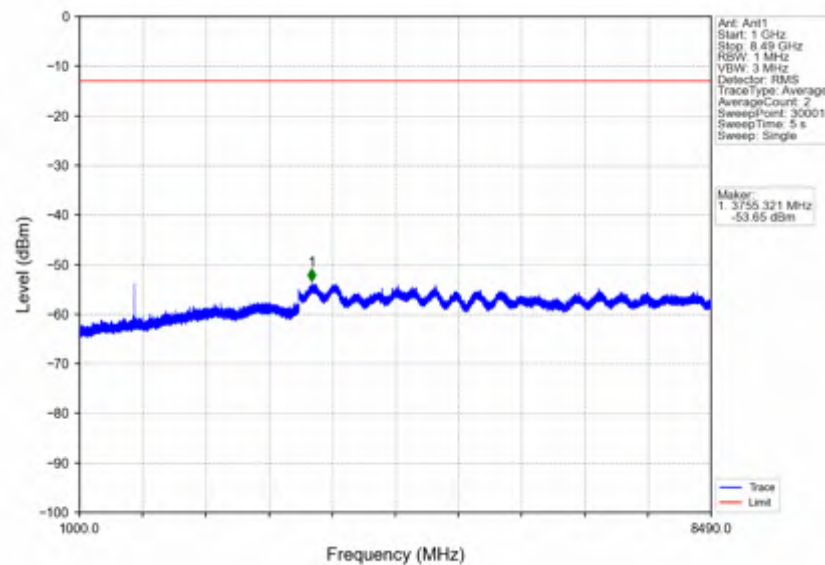
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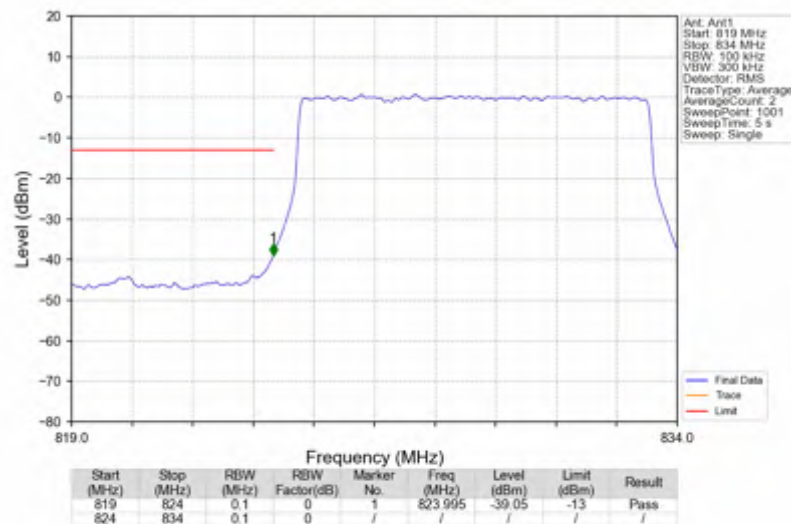
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n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_829MHz_Outer_Full



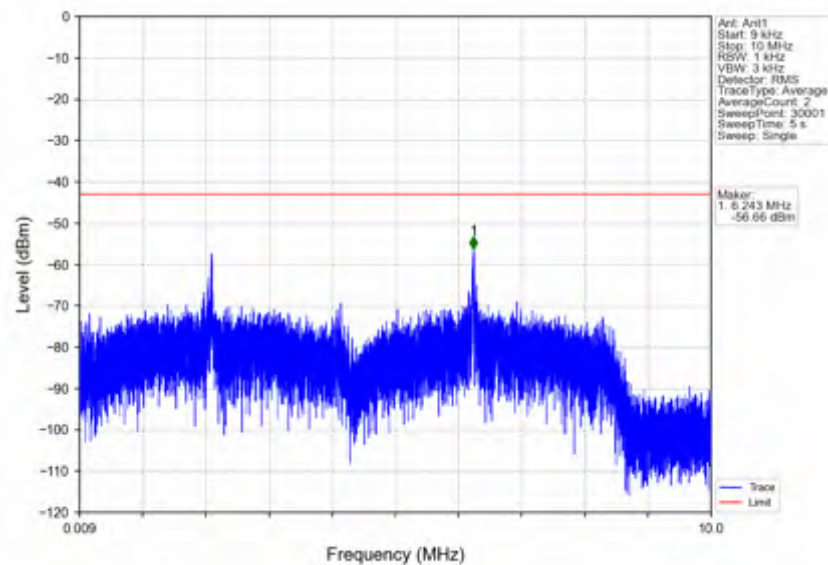
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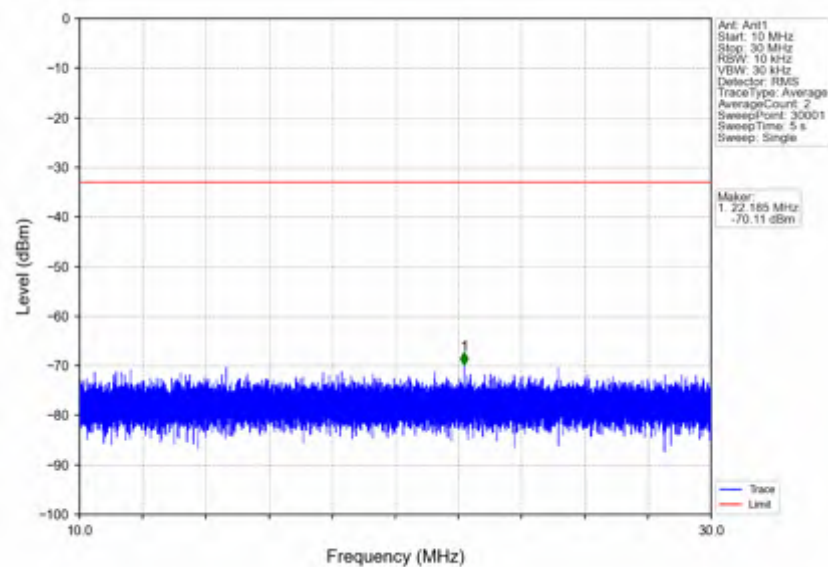
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n5 30kHz SISO NTV 10MHz DFT-s-OFDM PI/2 BPSK 829MHz Outer Full



n5	30kHz	SISO	NTNV	10MHz	DFT-s-OFDM	PI/2	BPSK	829MHz	Outer	Full
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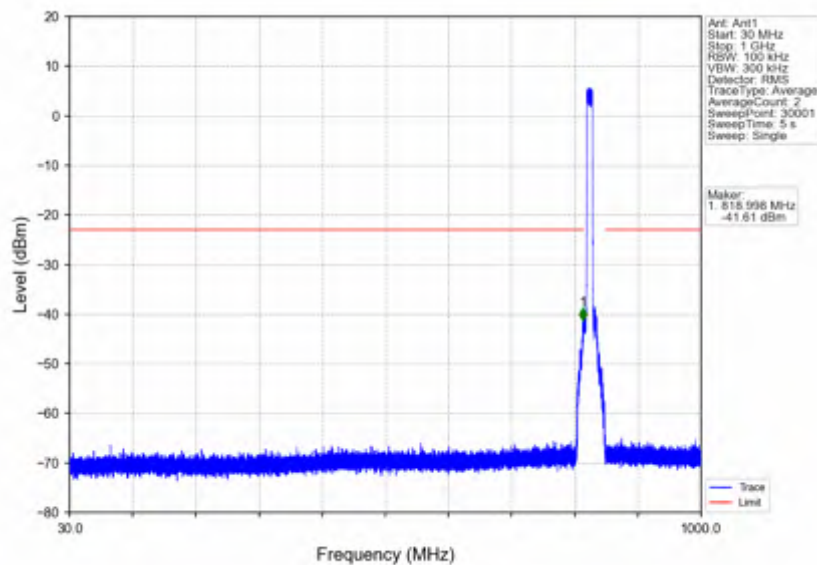


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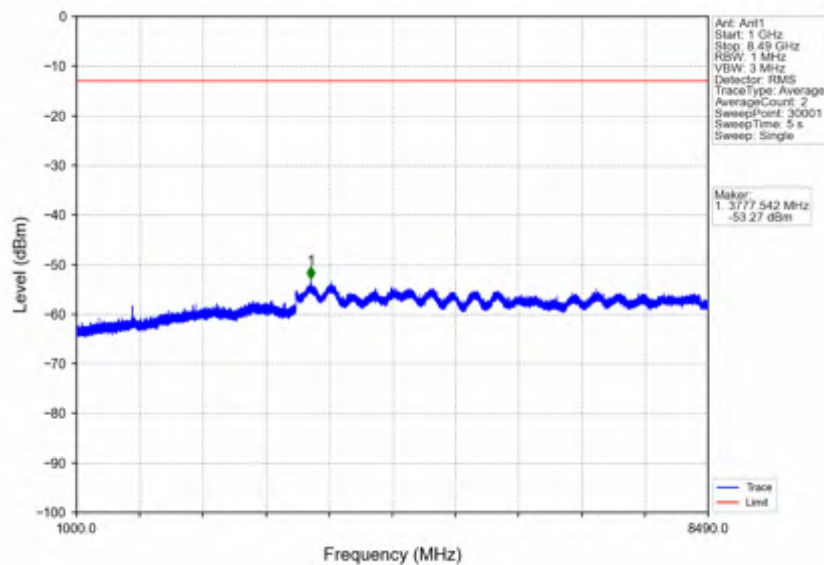
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n5 30kHz SISO NTV 10MHz DFT-s-OFDM PI/2 BPSK 829MHz Outer Full



n5	30kHz	SISO	NTNV	10MHz	DFT-s-OFDM	PI/2	BPSK	829MHz	Outer	Full
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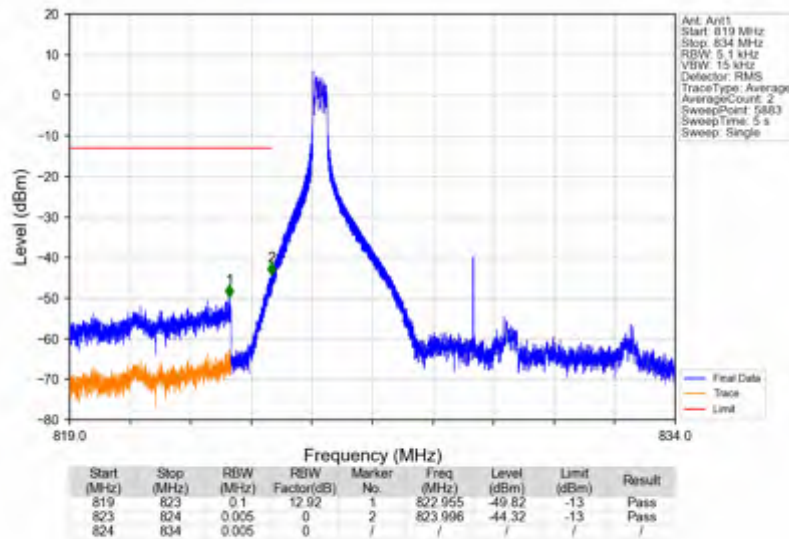


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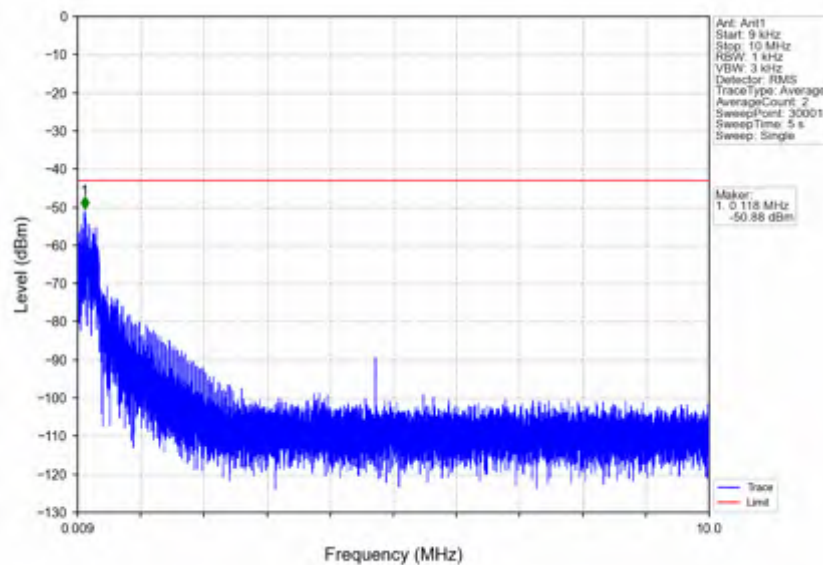
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n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_829MHz_Inner_1RB_Left



n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_829MHz_Inner_1RB_Left



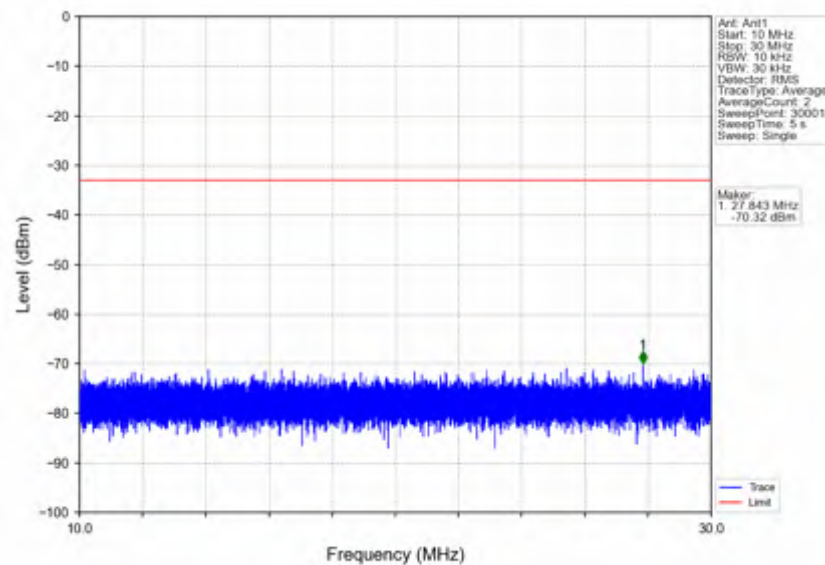
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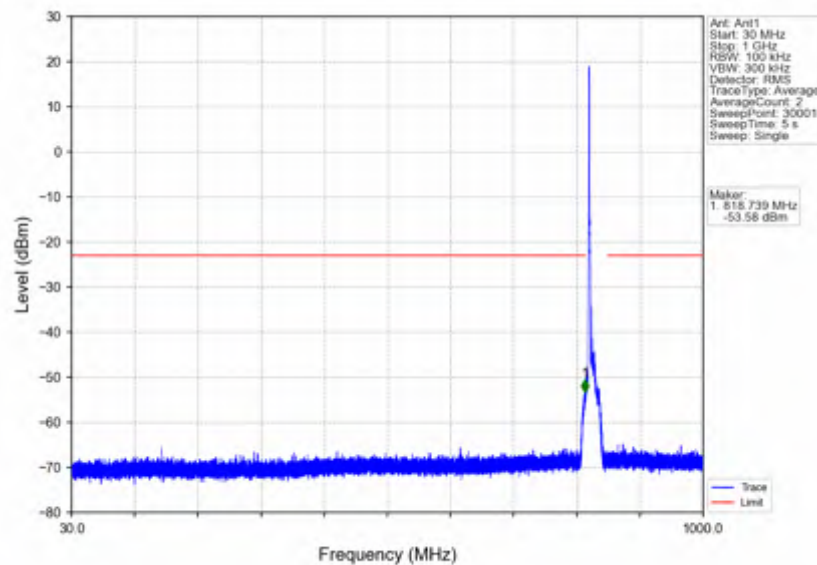
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n5 30kHz SISO NTNv 10MHz DFT-s-OFDM PI/2 BPSK 829MHz Inner 1RB Left



n5	30kHz	SISO	NTNV	10MHz	DFT-s-OFDM	PI/2	BPSK	829MHz	Inner	1RB	Left
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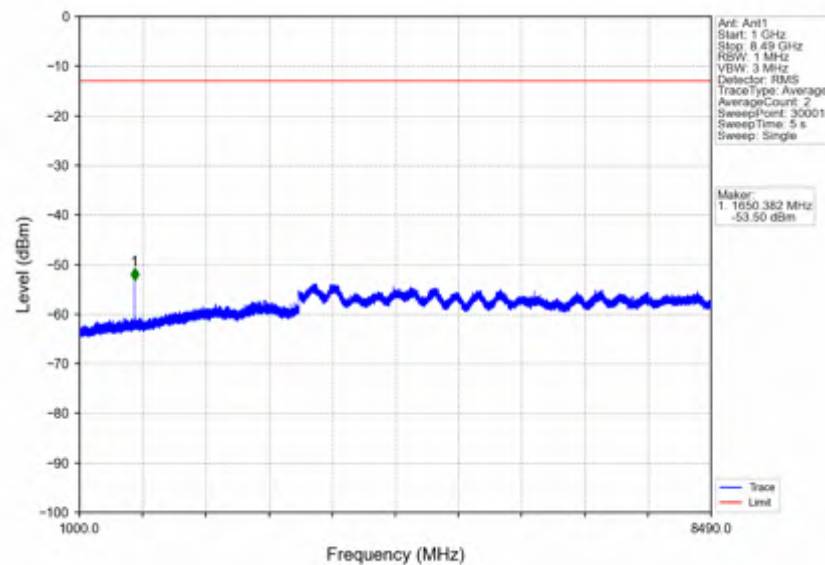
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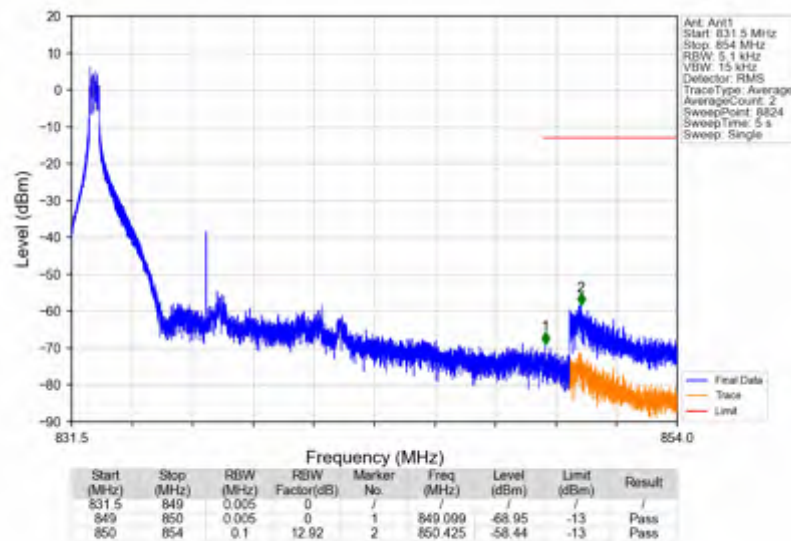
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n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_829MHz_Inner_1RB_Left



n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left

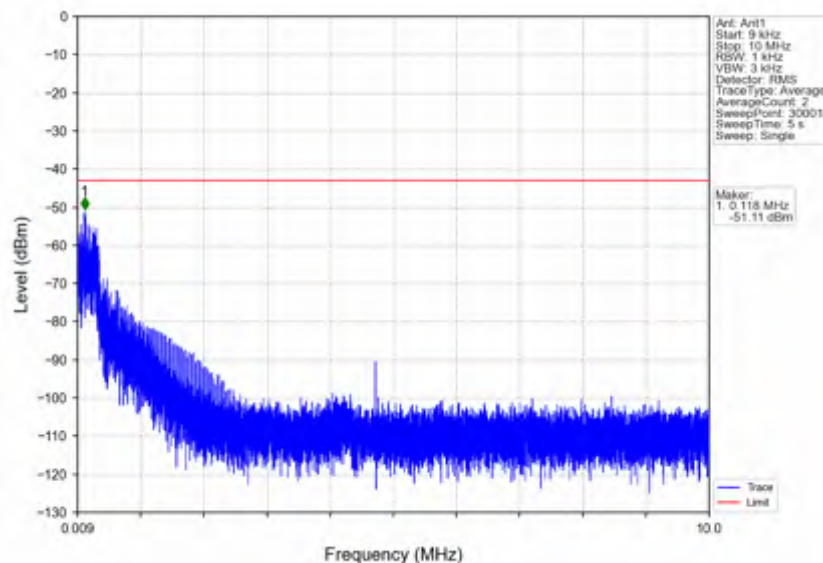


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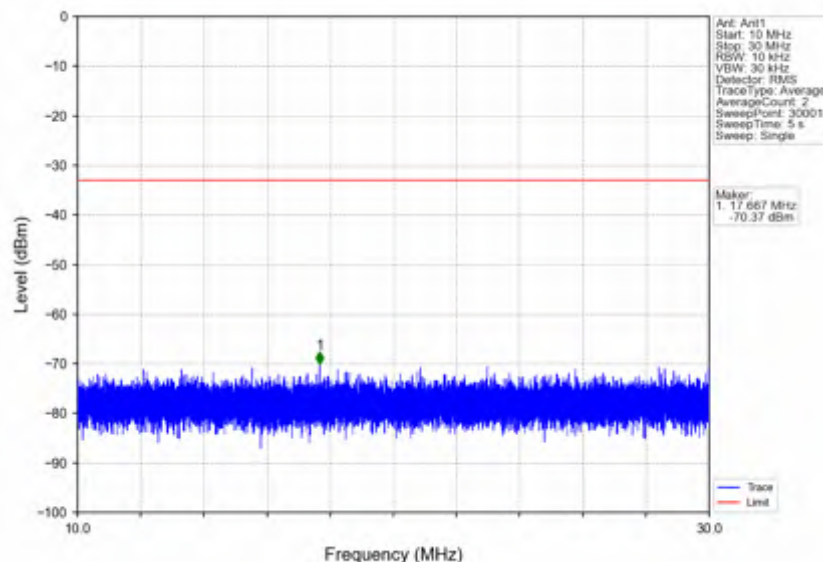
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n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK 836.5MHz_Edge_1RB_Left



n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK 836.5MHz_Edge_1RB_Left



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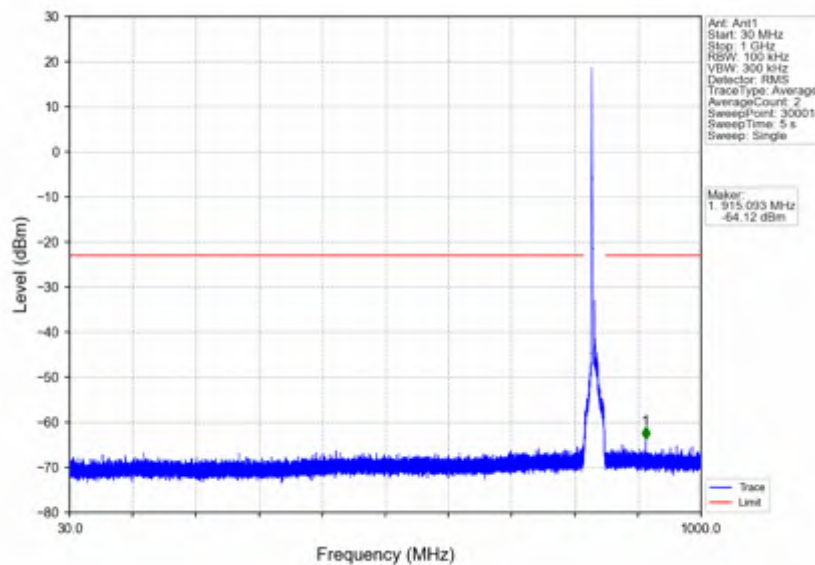
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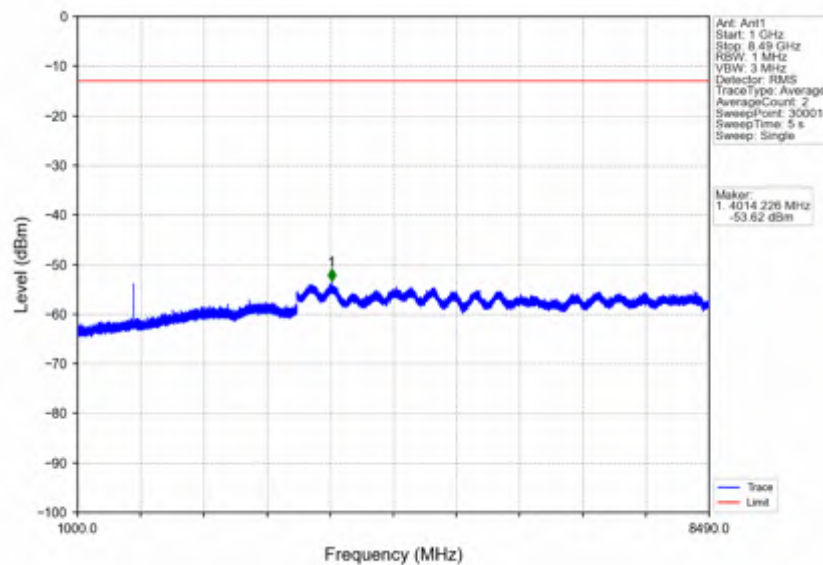
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n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left

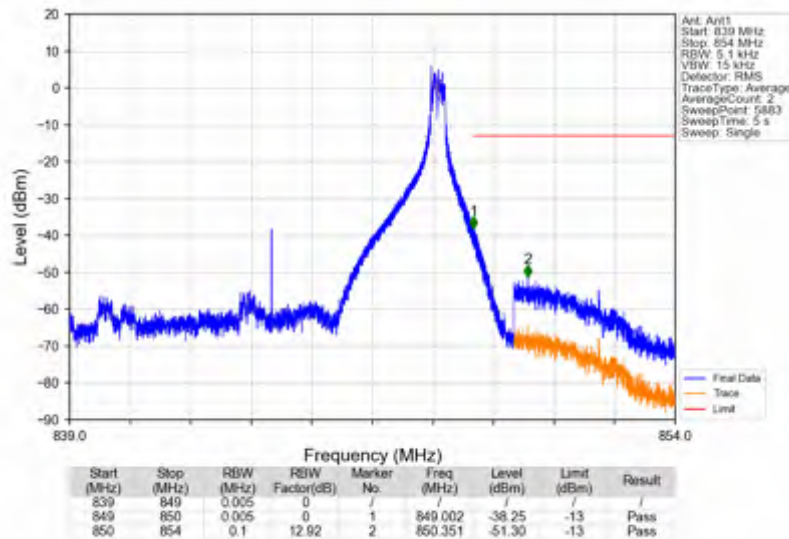


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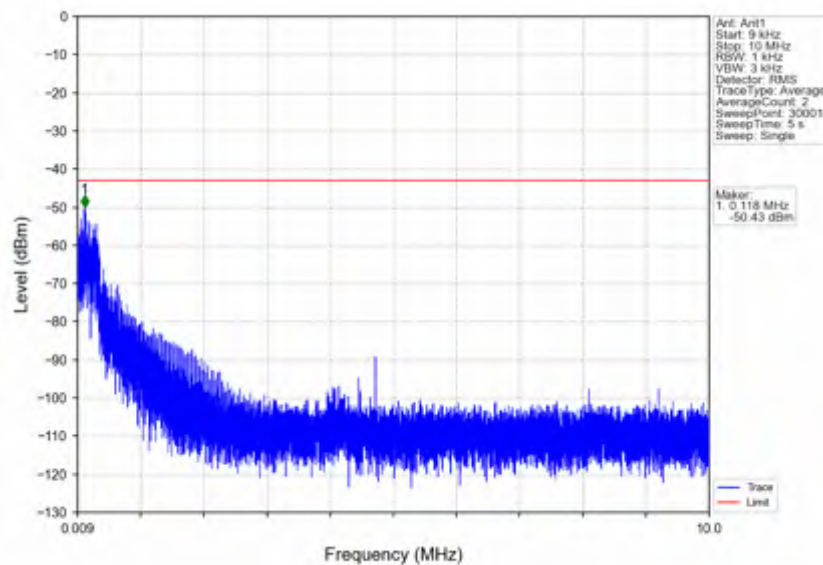
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n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK 844MHz_Edge_1RB_Right



n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK 844MHz_Edge_1RB_Right

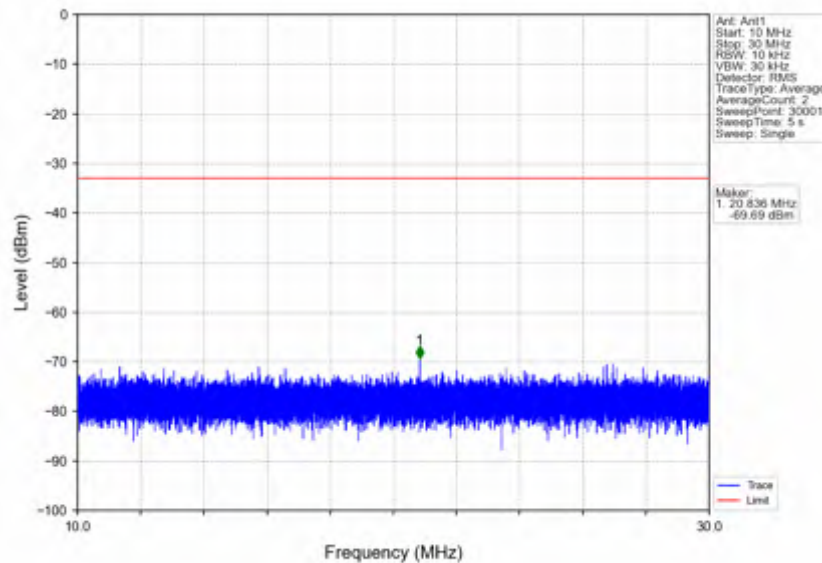


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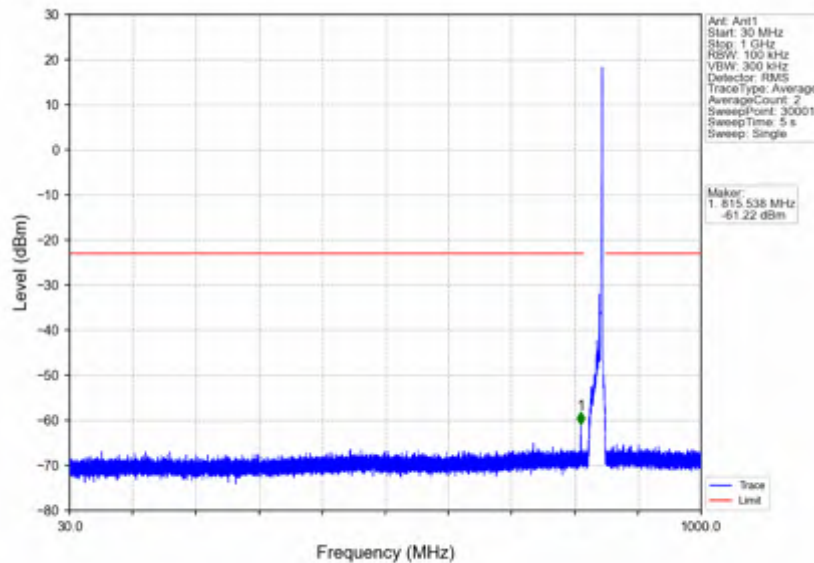
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n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_844MHz_Edge_1RB_Right



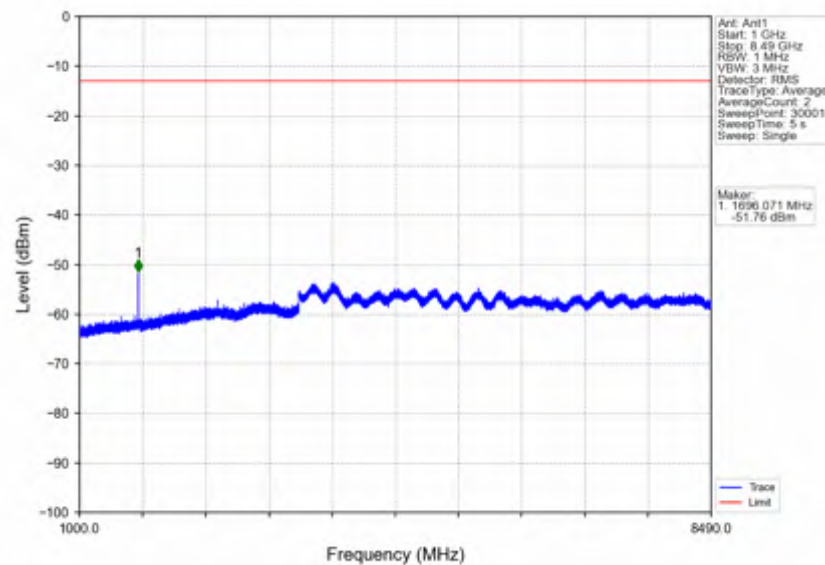
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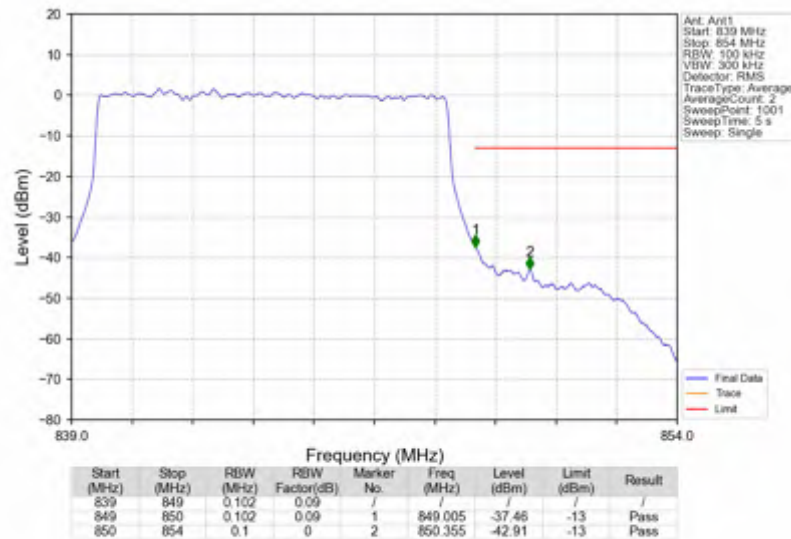
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n5 30kHz SISO NTNv 10MHz DFT-s-OFDM PI/2 BPSK 844MHz Outer Full

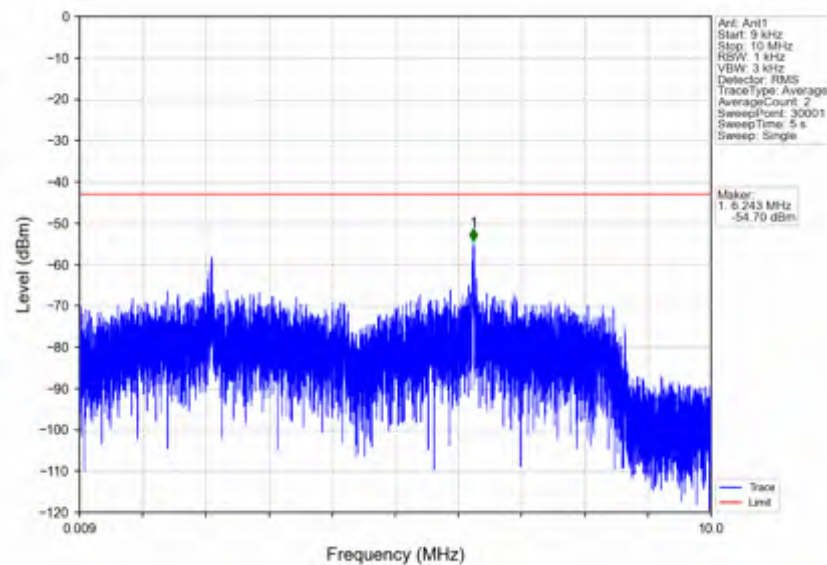


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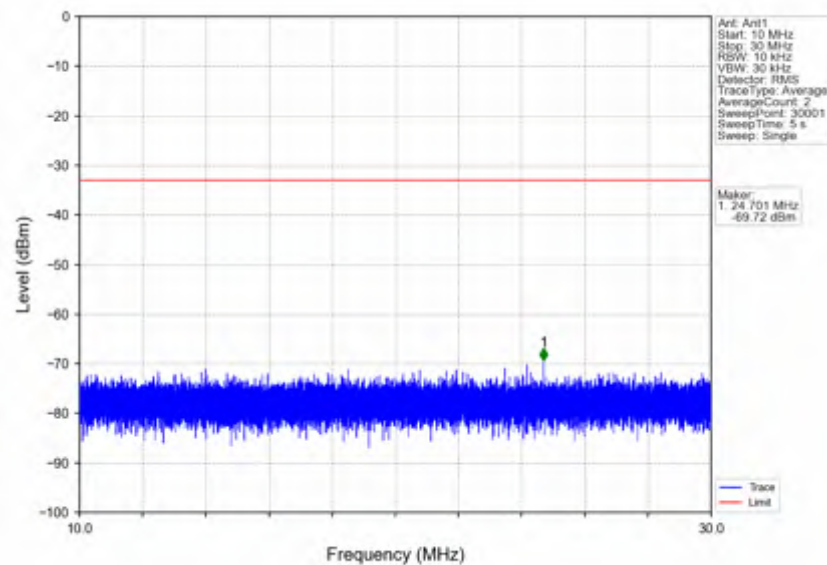
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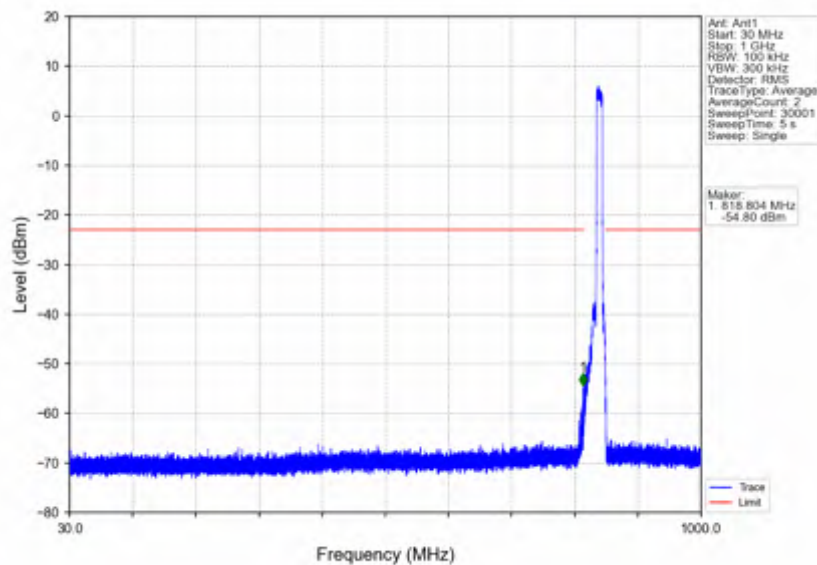


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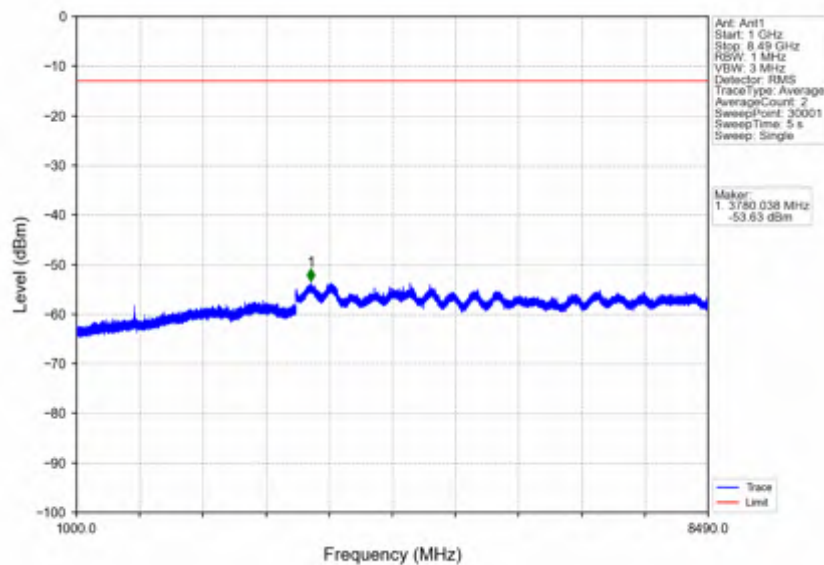
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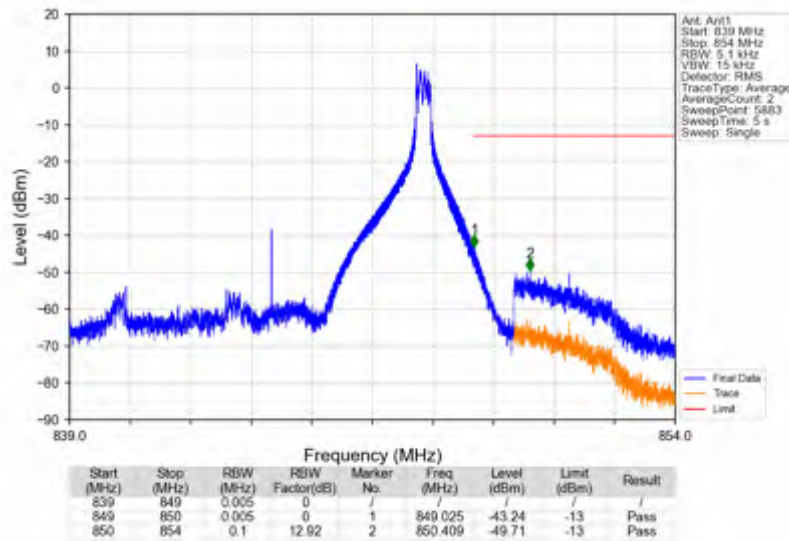


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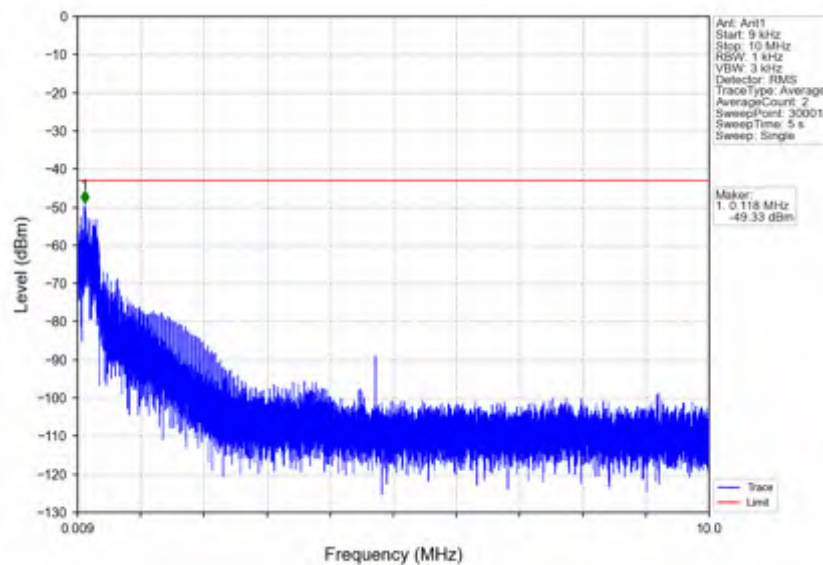
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n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_844MHz_Inner_1RB_Right



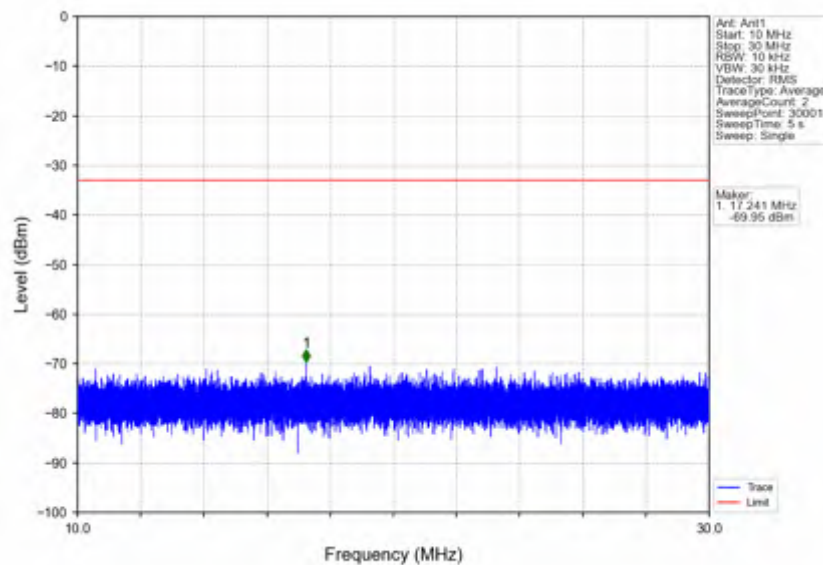
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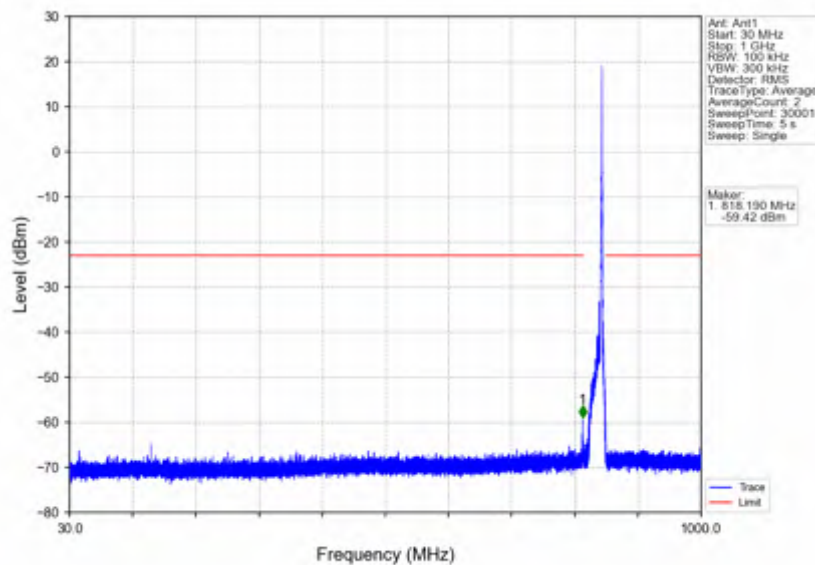
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n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_844MHz_Inner_1RB_Right



n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_844MHz_Inner_1RB_Right



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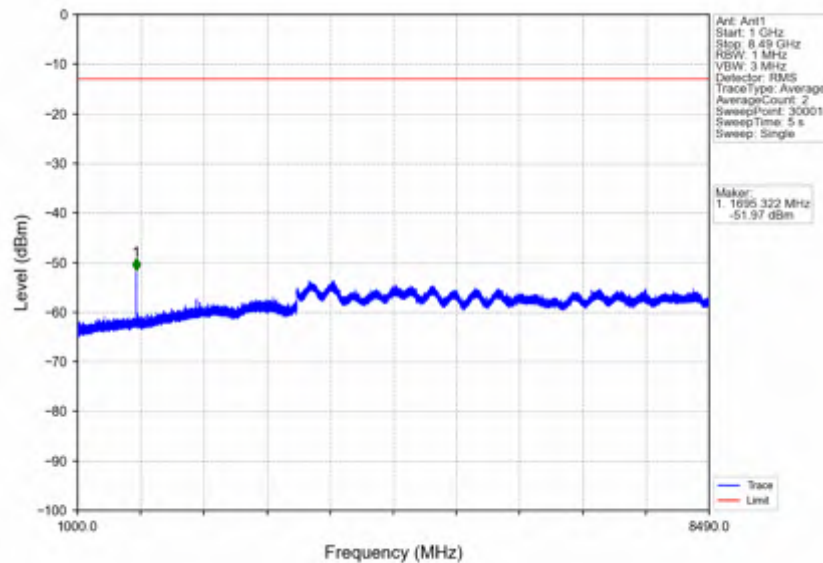
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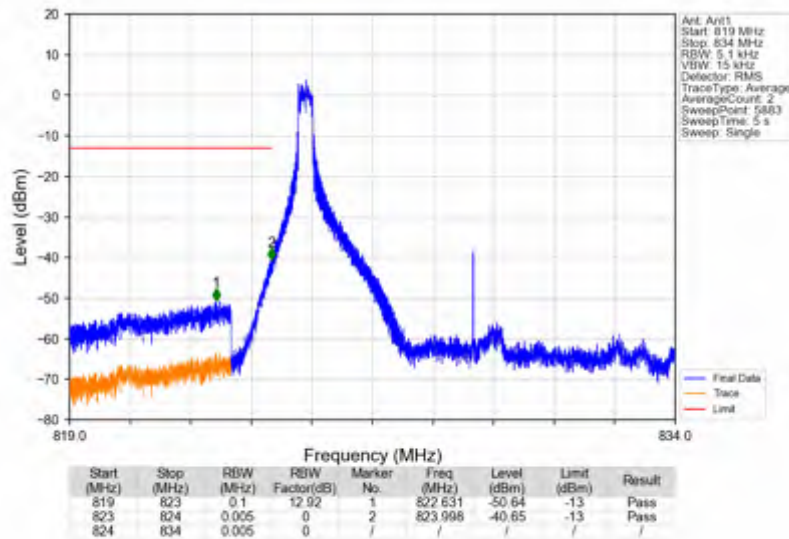
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n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_844MHz_Inner_1RB_Right



n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_829MHz_Edge_1RB_Left

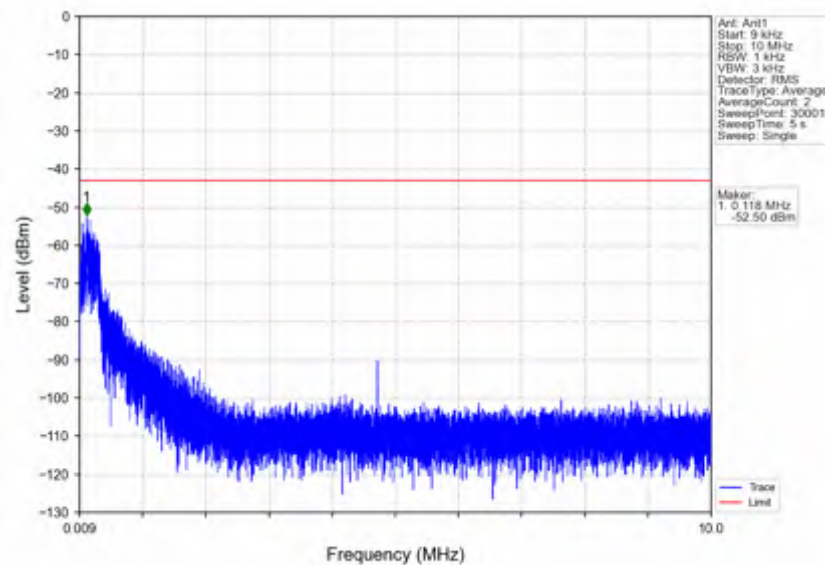


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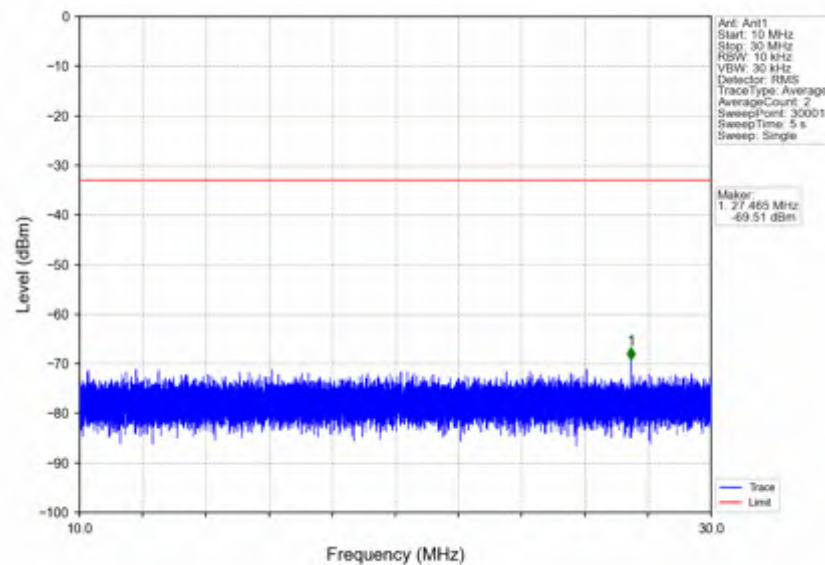
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n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_829MHz_Edge_1RB_Left



n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_829MHz_Edge_1RB_Left



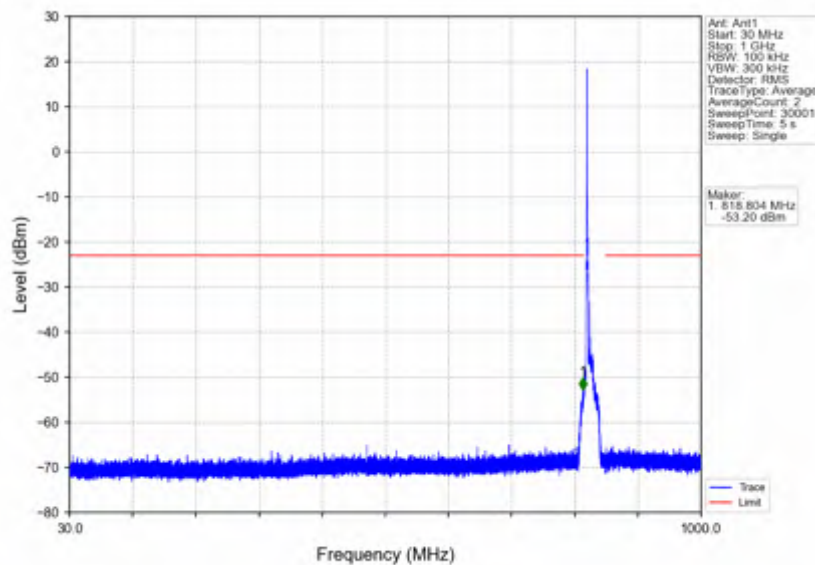
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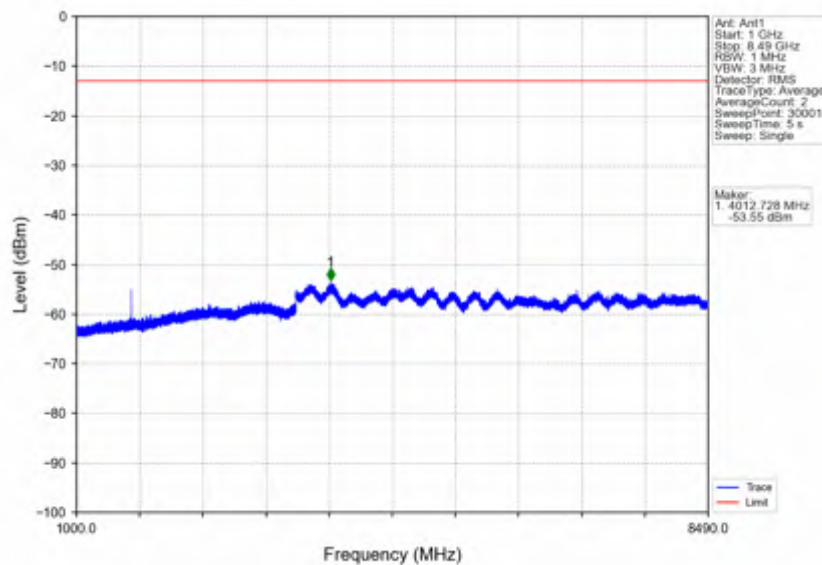
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n5 30kHz SISO NTNv 10MHz DFT-s-OFDM QPSK 829MHz Edge 1RB Left



n5 30kHz SISO NTNv 10MHz DFT-s-OFDM QPSK 829MHz Edge 1RB Left

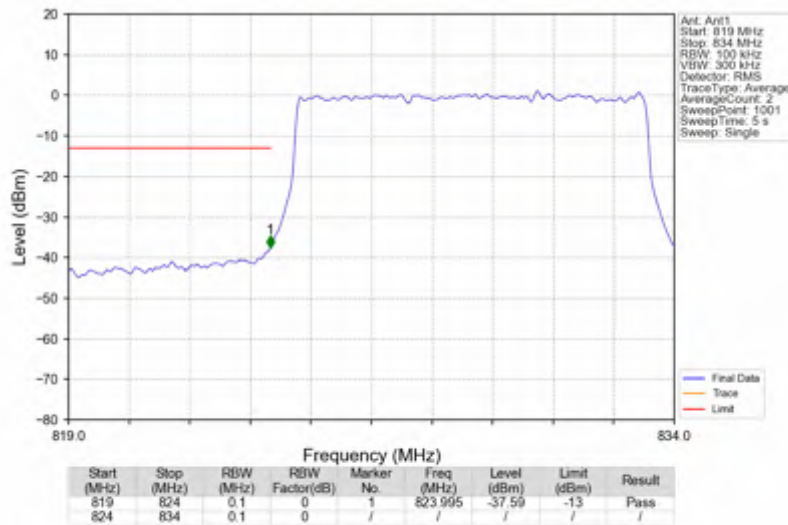


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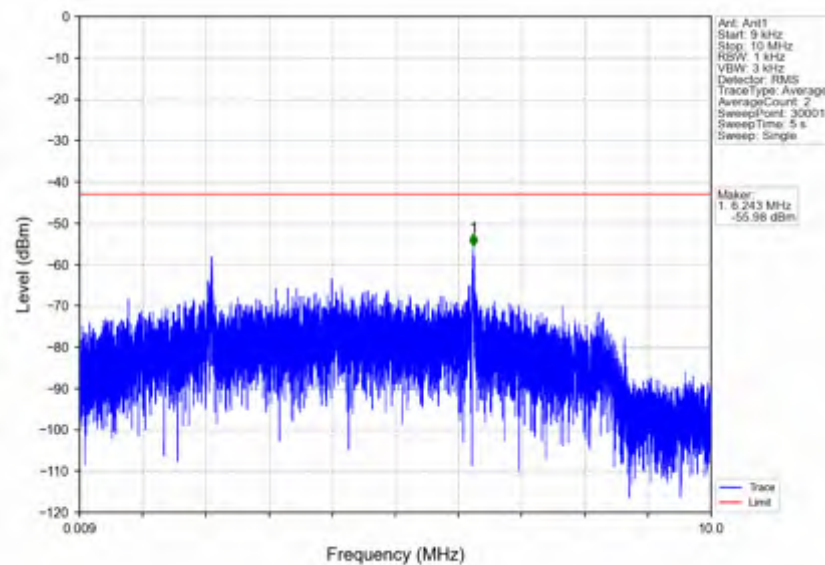
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n5 30kHz SISO NTNv 10MHz DFT-s-OFDM QPSK 829MHz Outer Full



n5 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 829MHz Outer Full

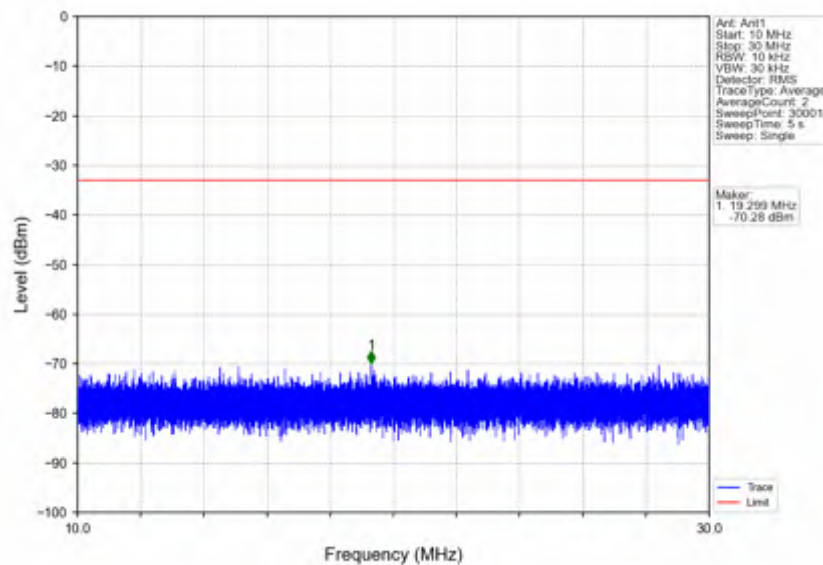


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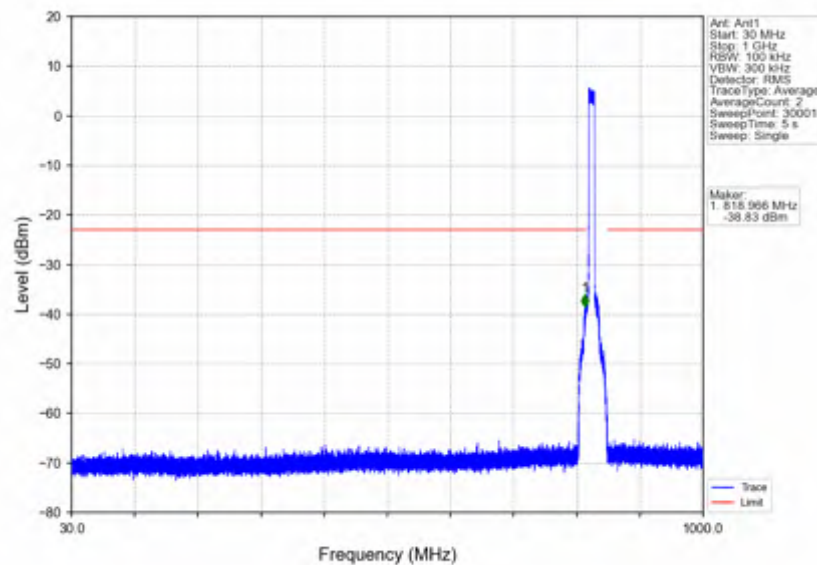
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n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_829MHz_Outer_Full



n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_829MHz_Outer_Full



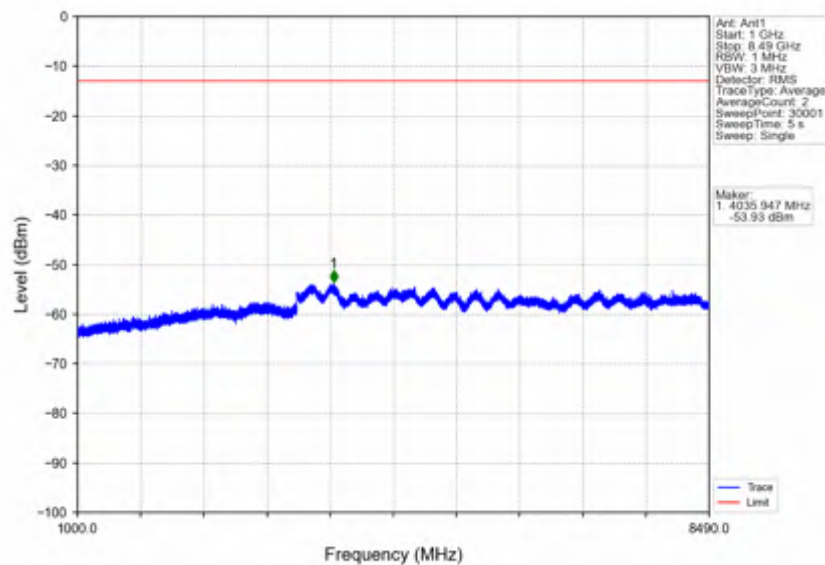
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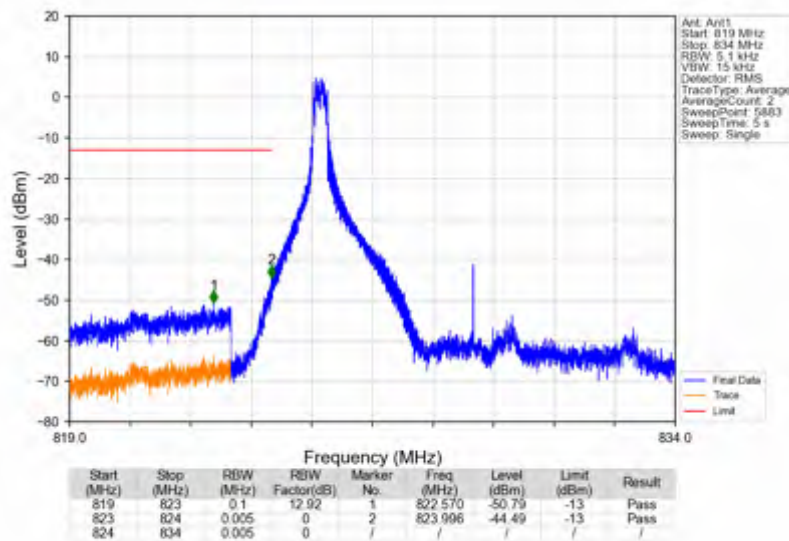
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n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_829MHz_Outer_Full



n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_829MHz_Inner_1RB_Left



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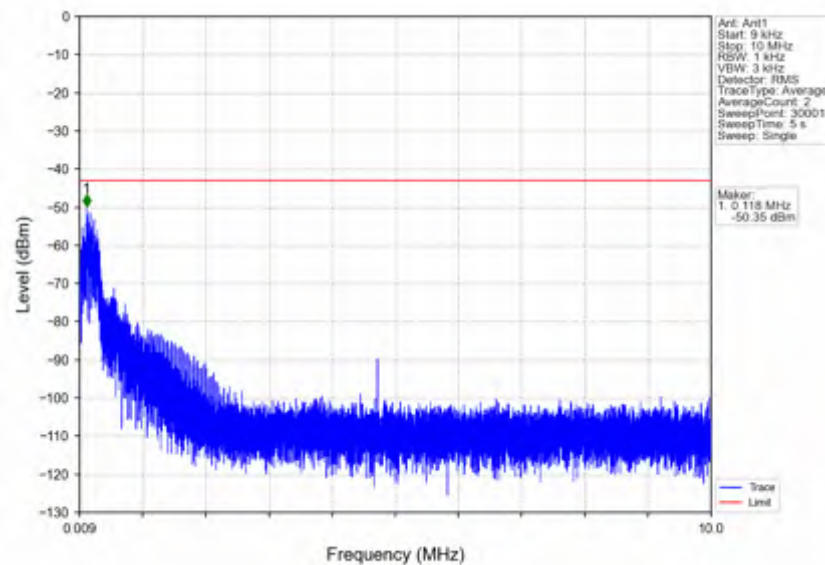
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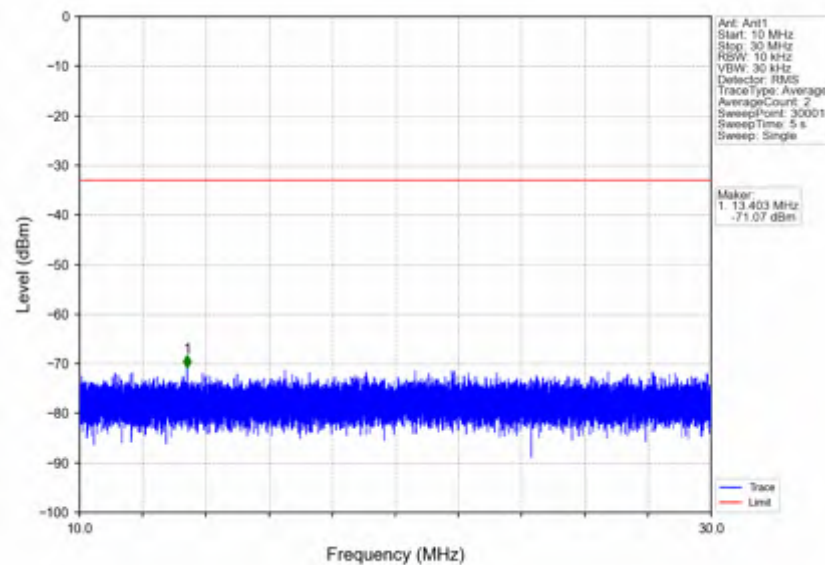
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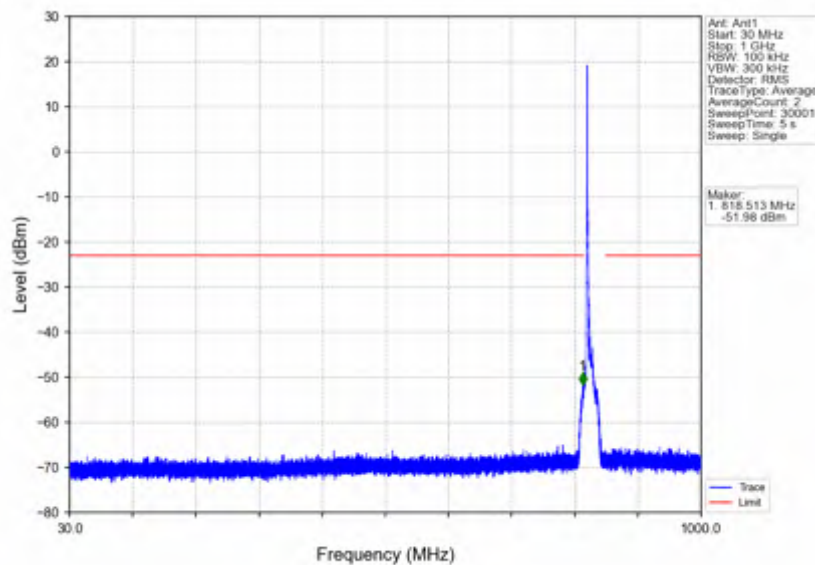
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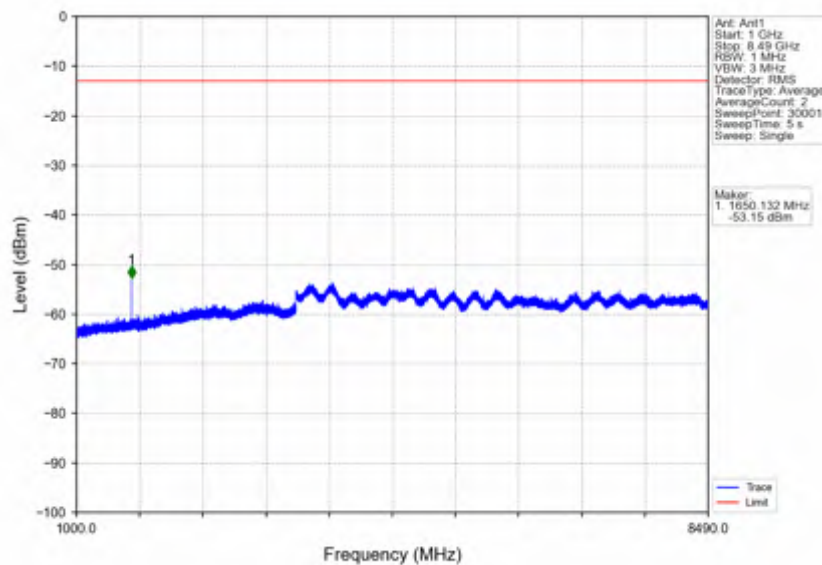
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n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_829MHz_Inner_1RB_Left



n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_829MHz_Inner_1RB_Left



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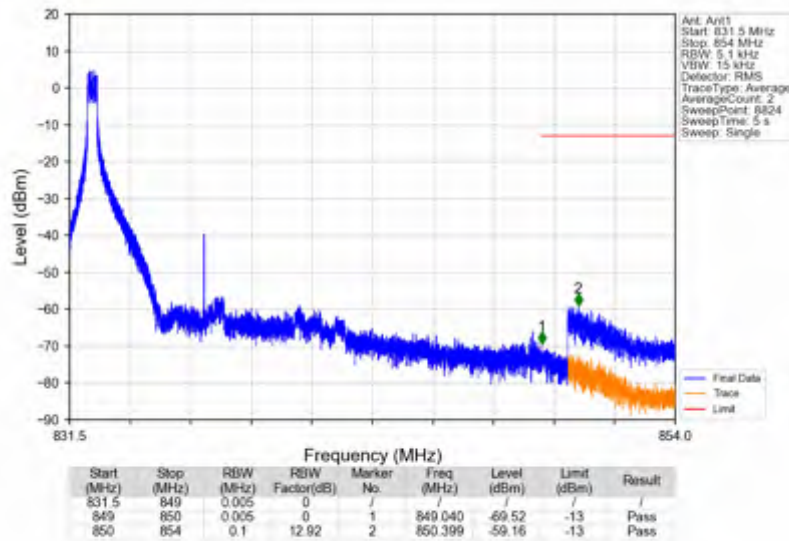
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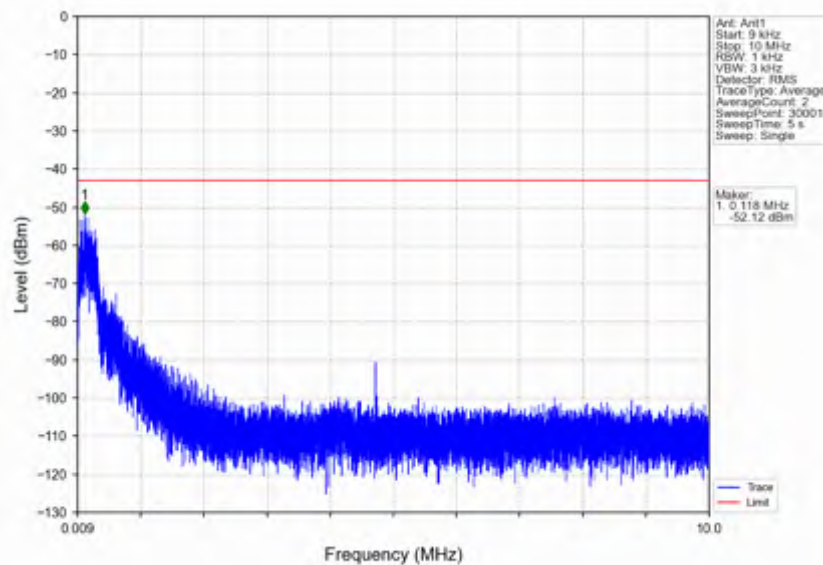
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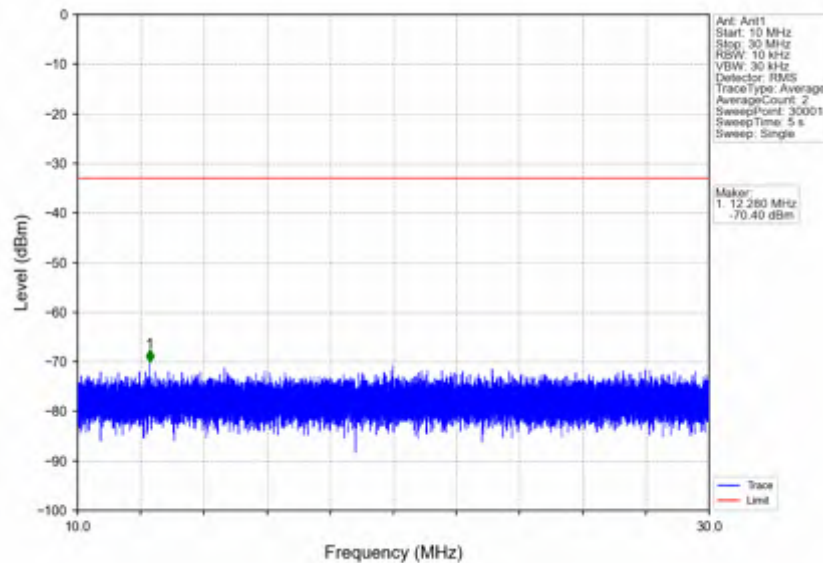


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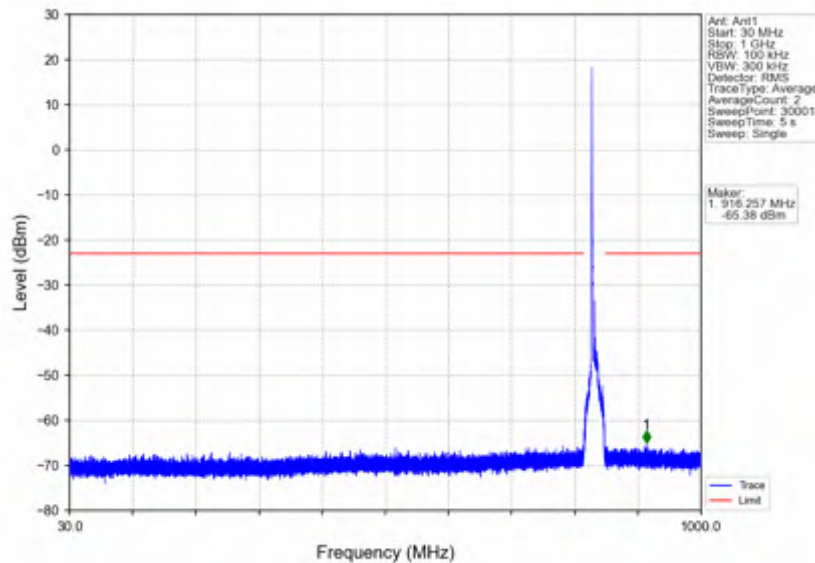
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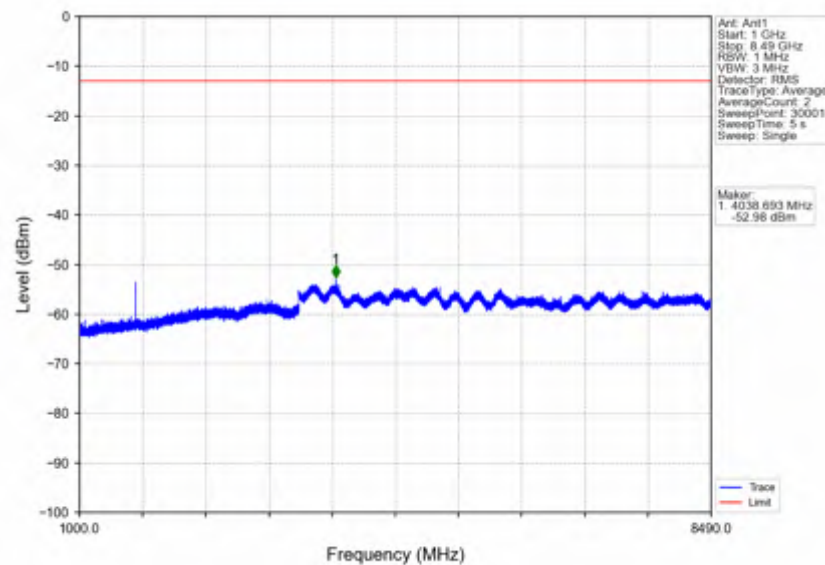
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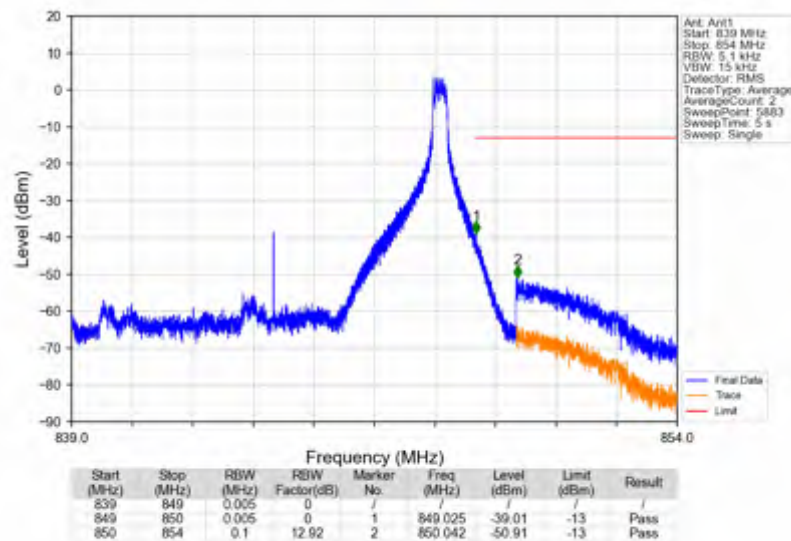
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n5 30kHz SISO NTNv 10MHz DFT-s-OFDM QPSK 844MHz Edge 1RB Right

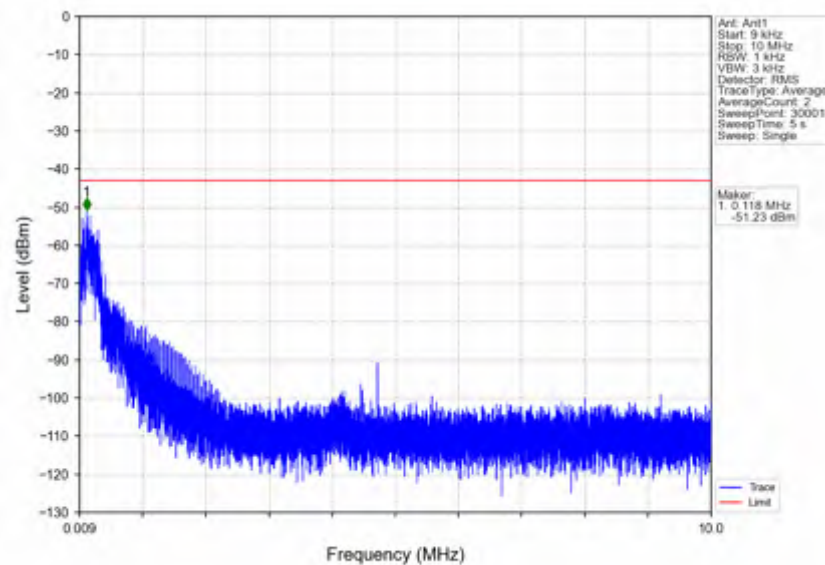


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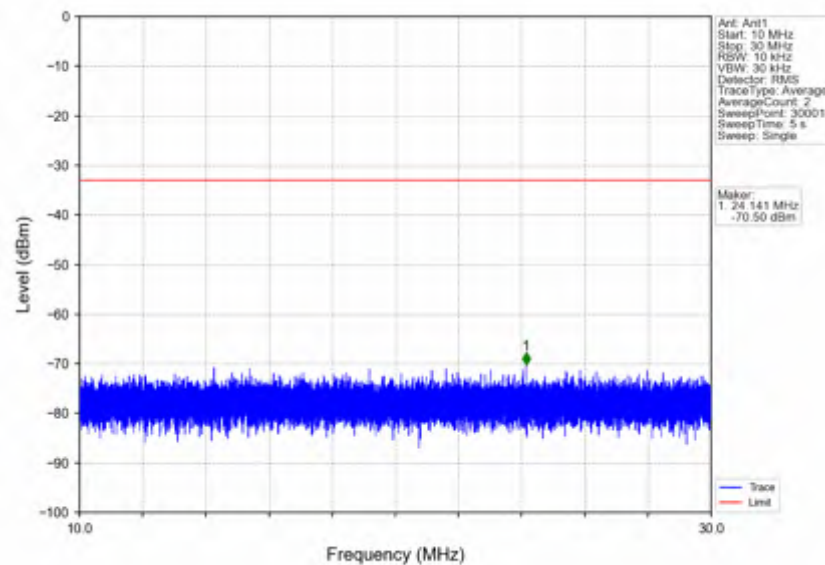
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n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_844MHz_Edge_1RB_Right



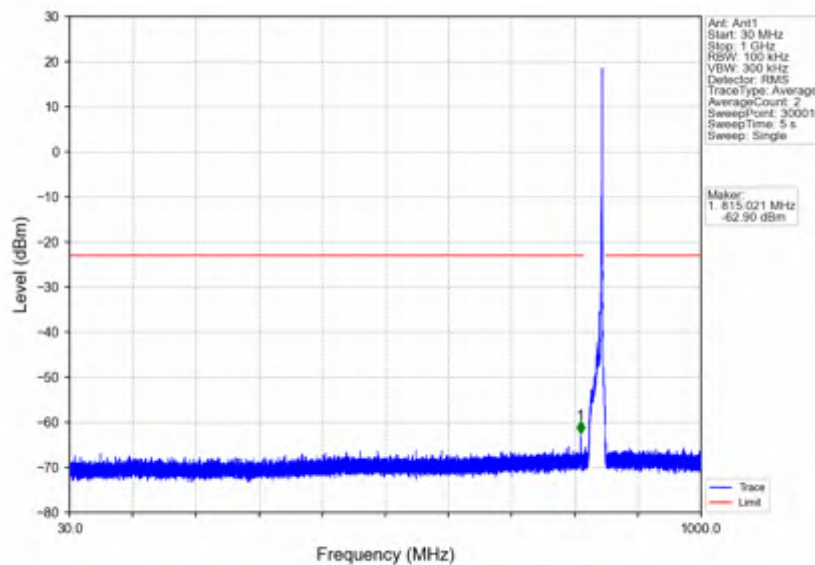
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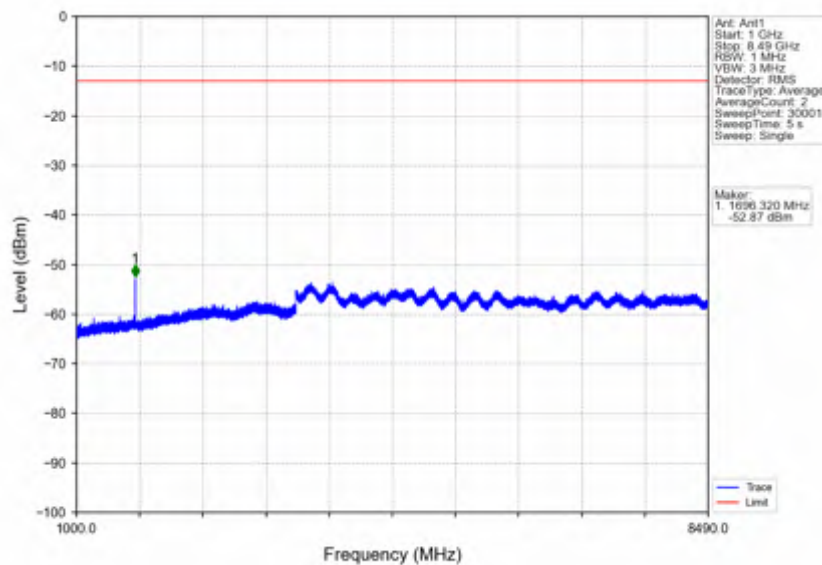
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n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_844MHz_Edge_1RB_Right



n5 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 844MHz Edge 1RB Right

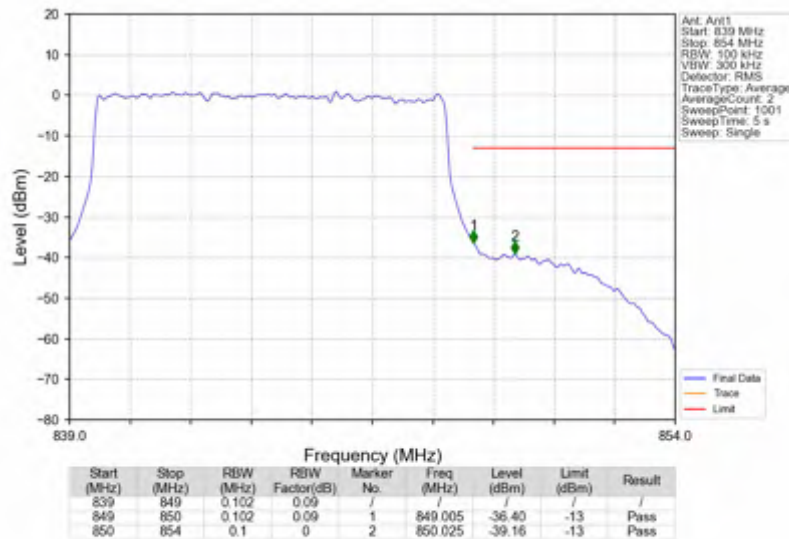


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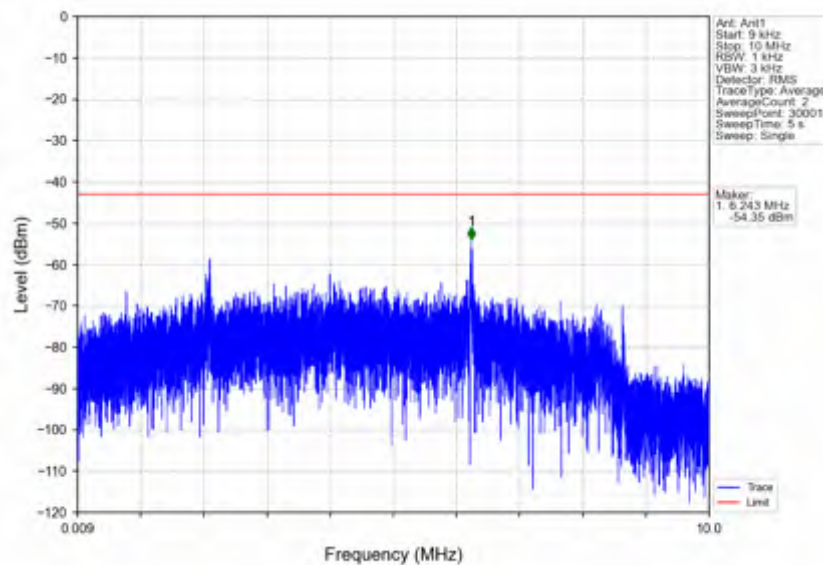
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n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_844MHz_Outer_Full



n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_844MHz_Outer_Full

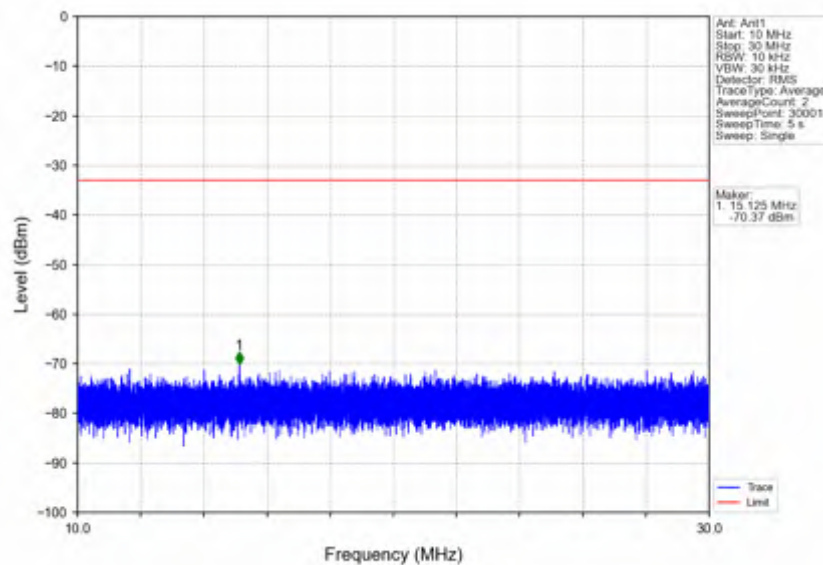


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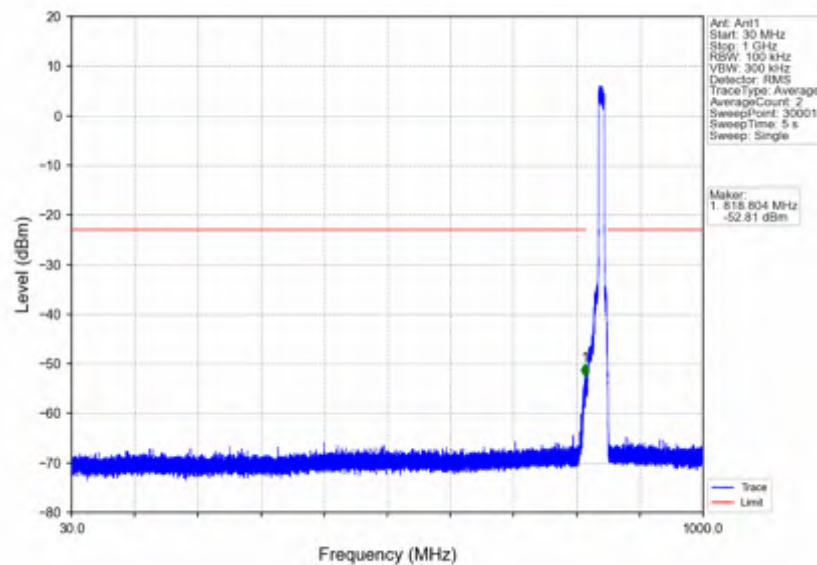
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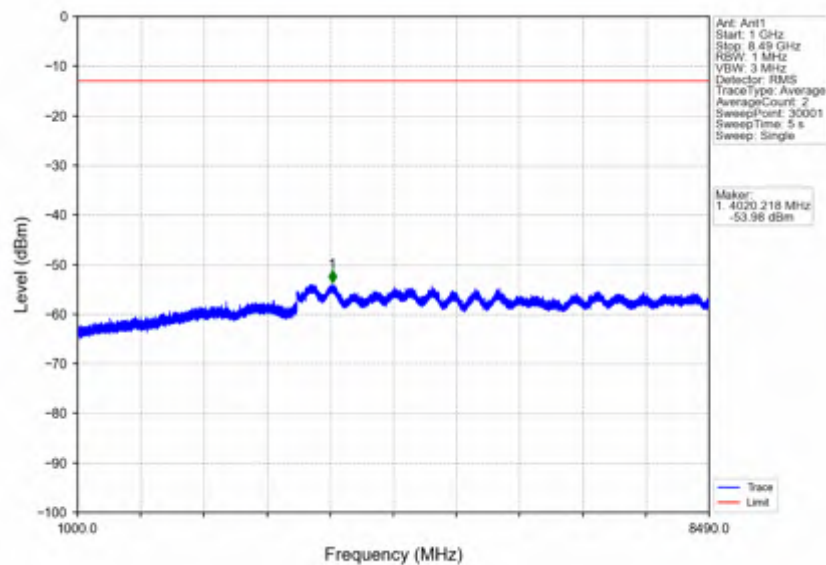
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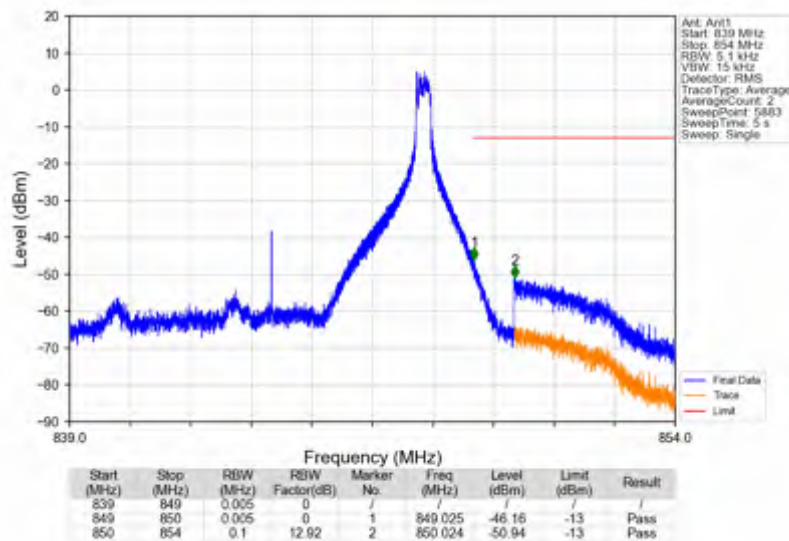
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n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_844MHz_Outer_Full



n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_844MHz_Inner_1RB_Right



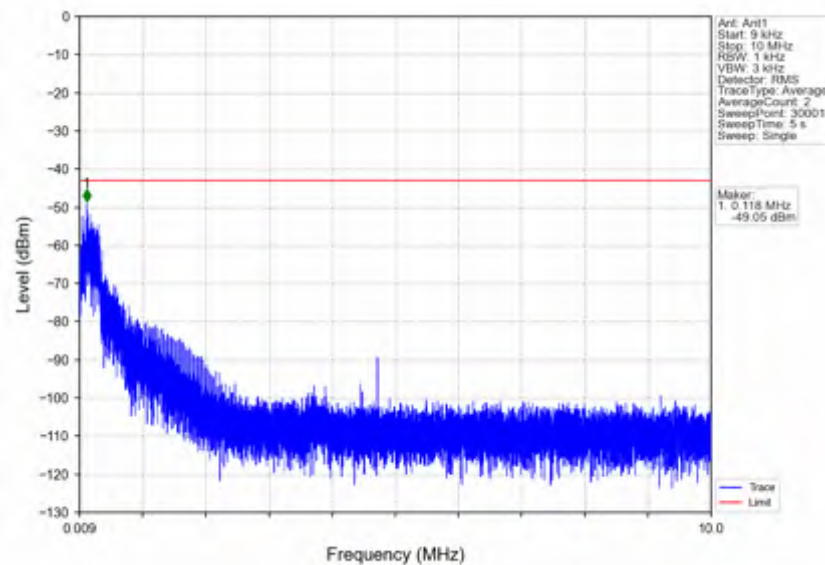
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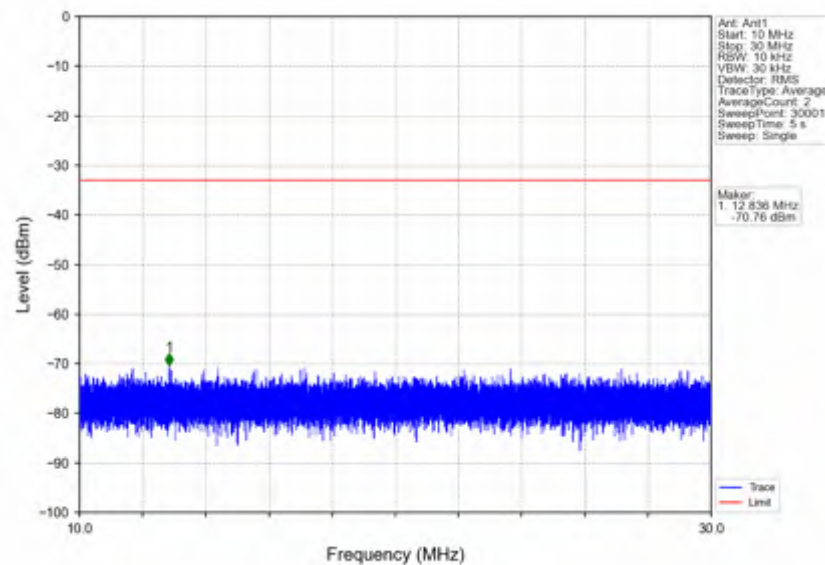
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n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_844MHz_Inner_1RB_Right



n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_844MHz_Inner_1RB_Right



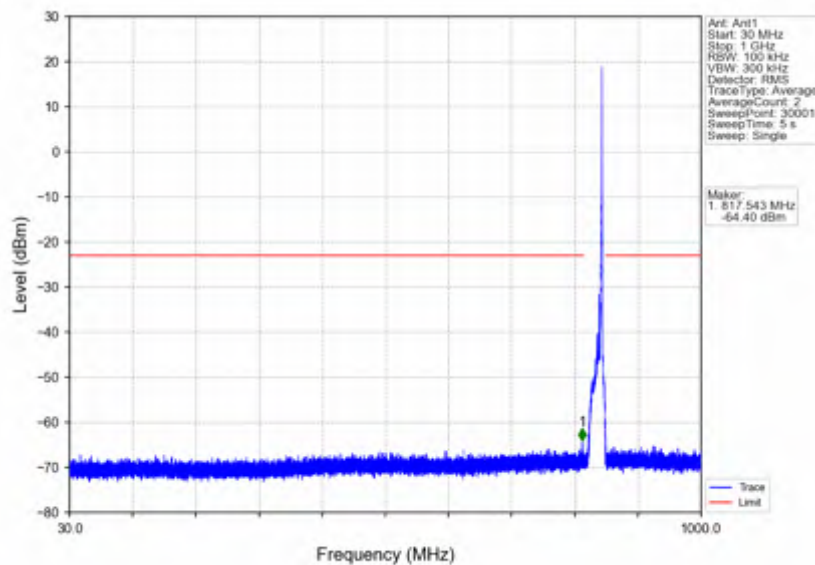
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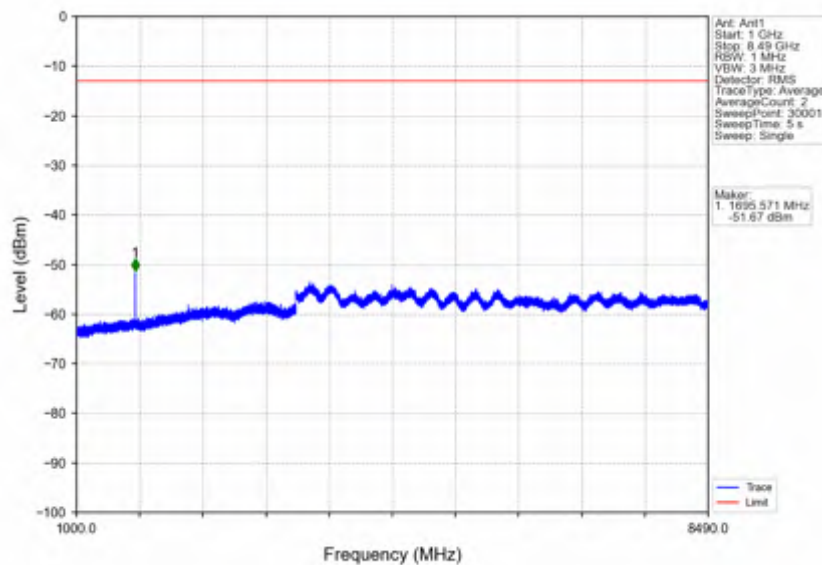
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n5_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_844MHz_Inner_1RB_Right



n5 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 844MHz Inner 1RB Right

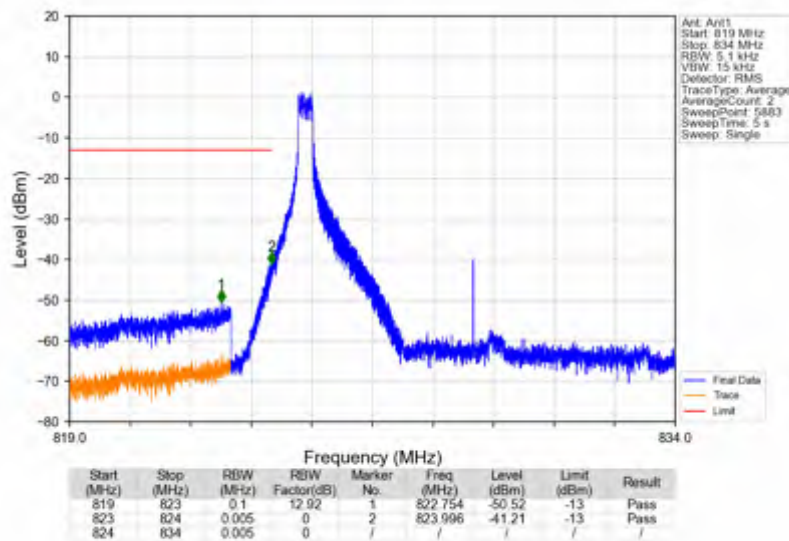


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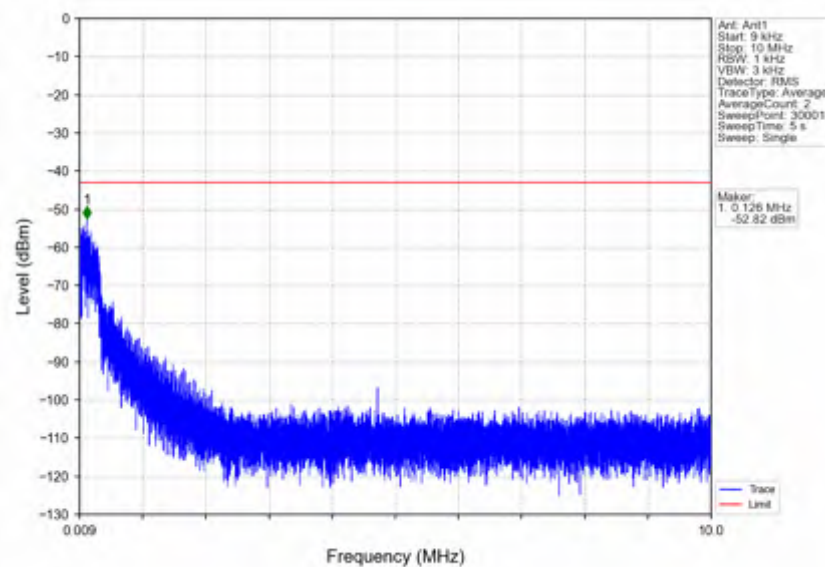
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n5_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_829MHz_Edge_1RB_Left



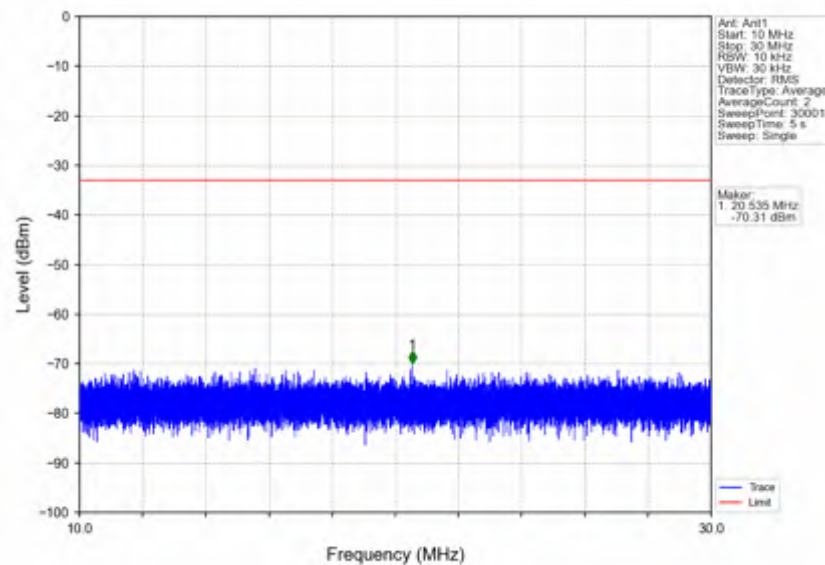
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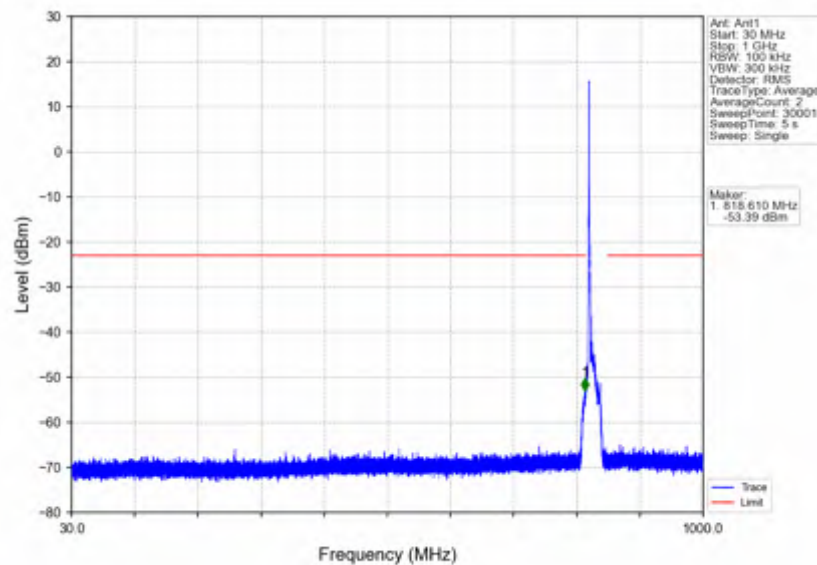
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n5_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_829MHz_Edge_1RB_Left



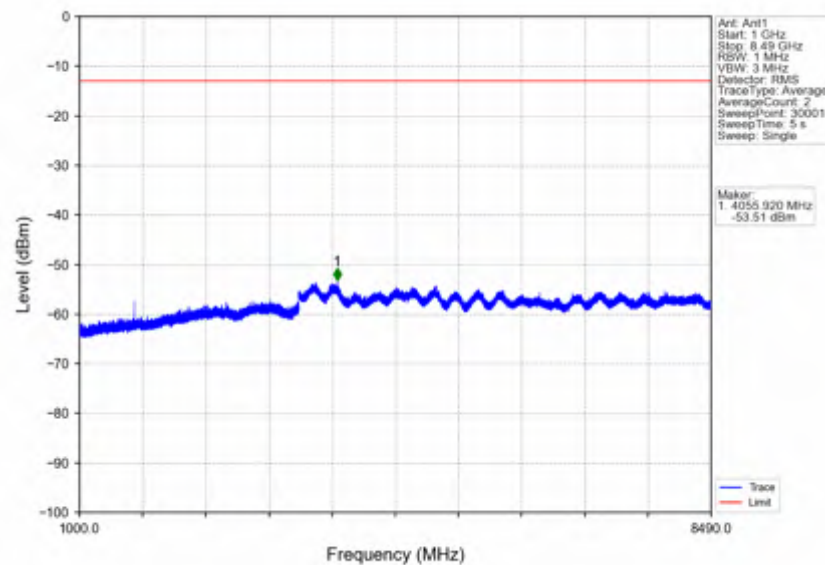
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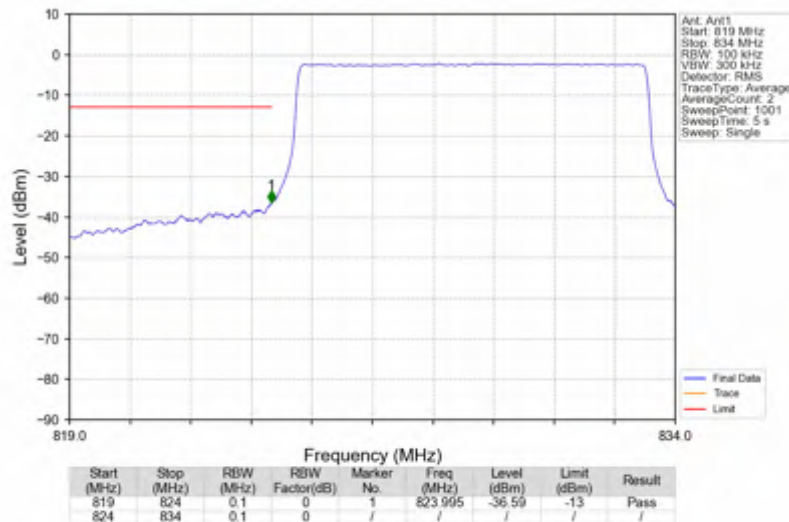
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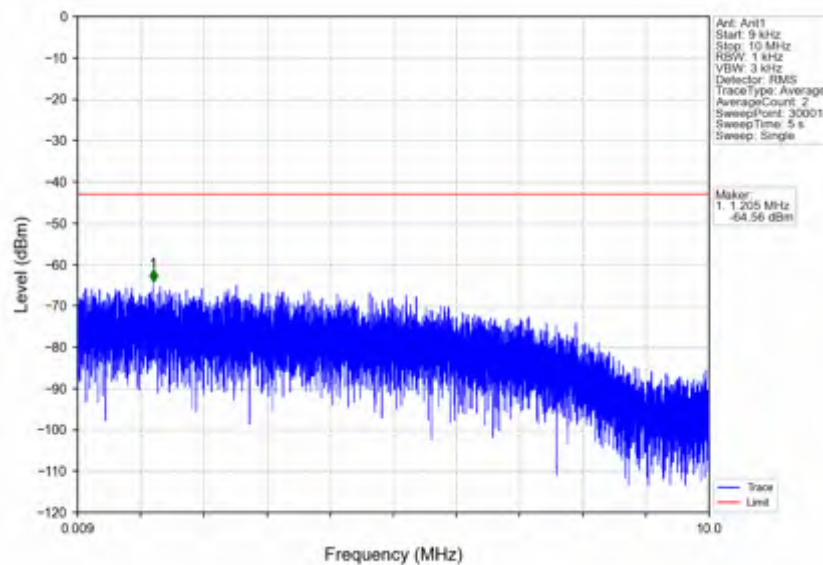
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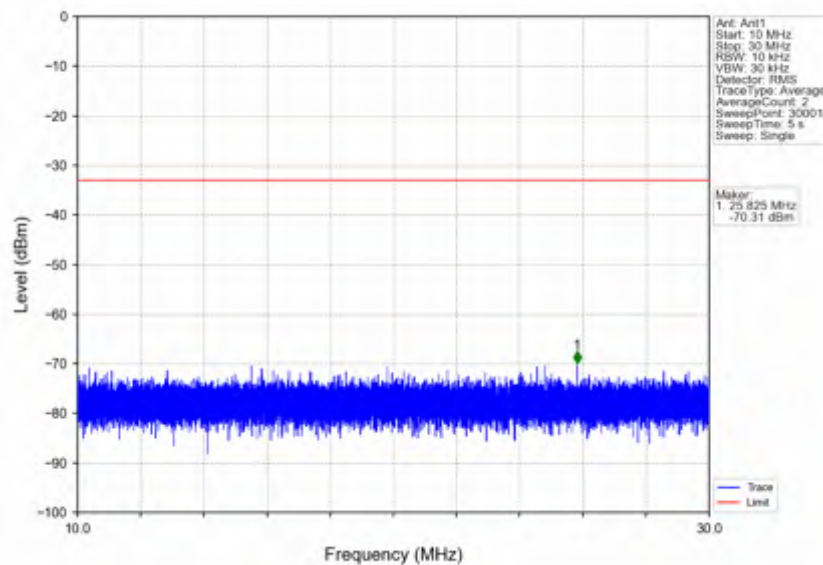
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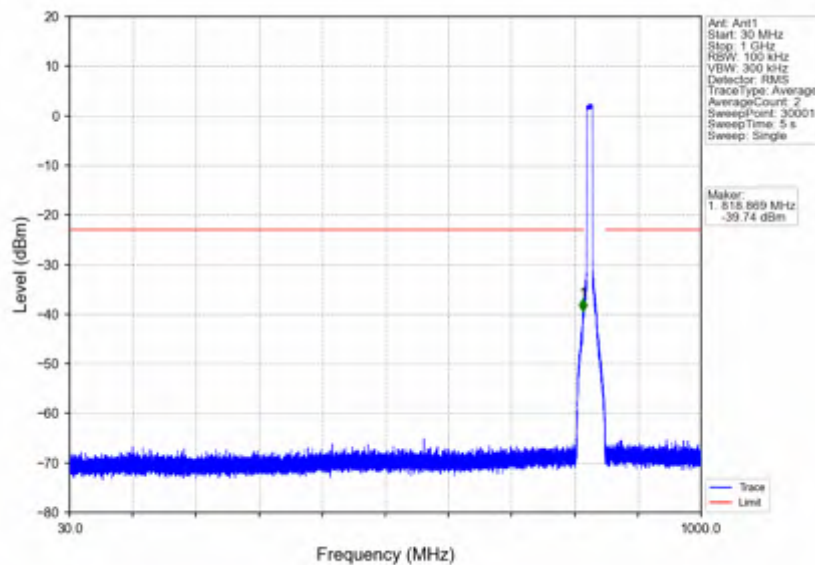
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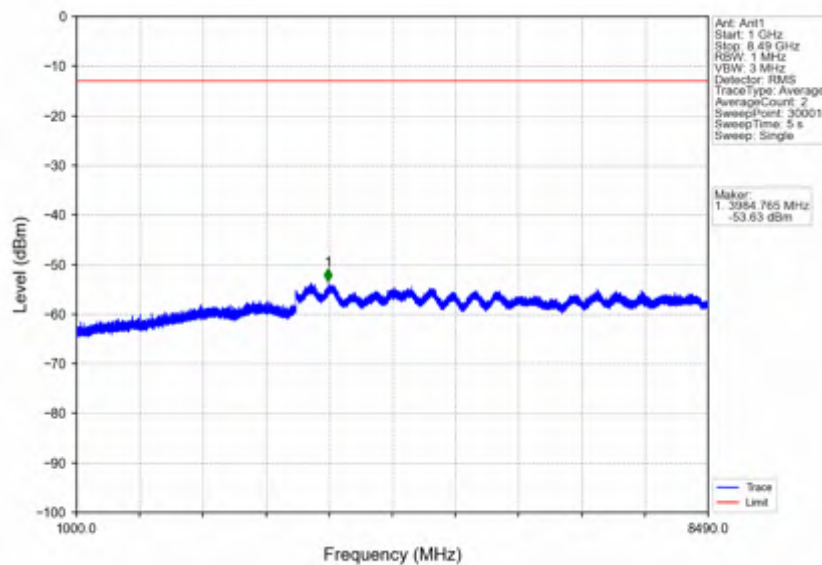
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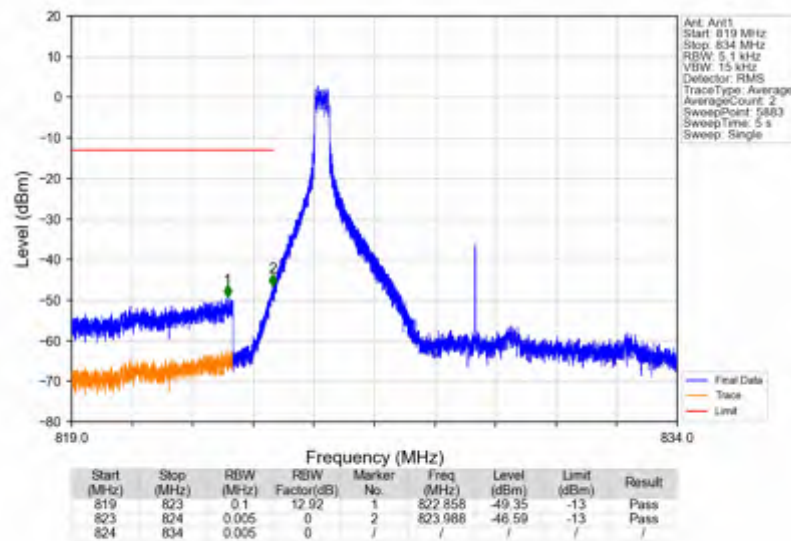
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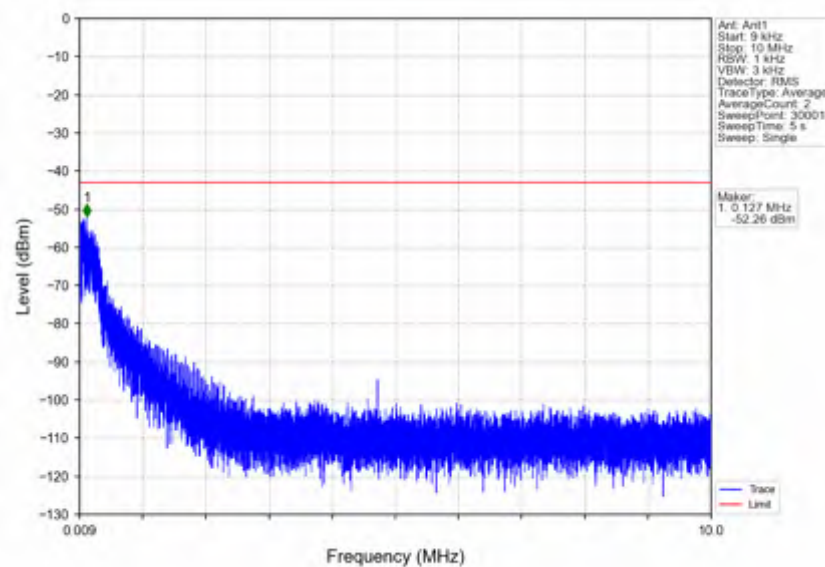
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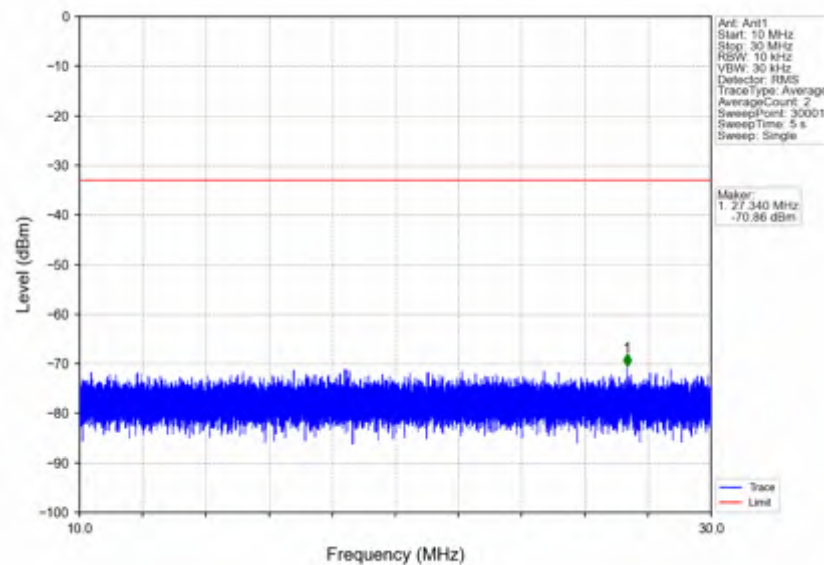
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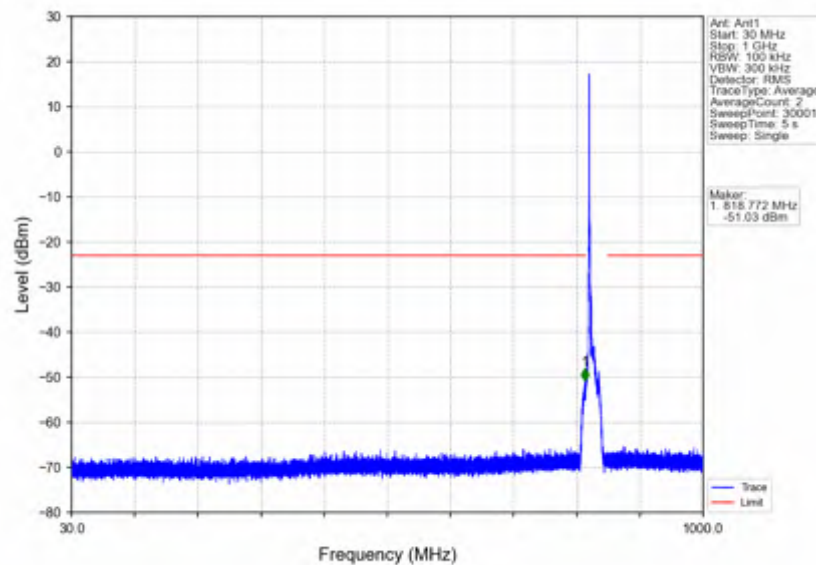
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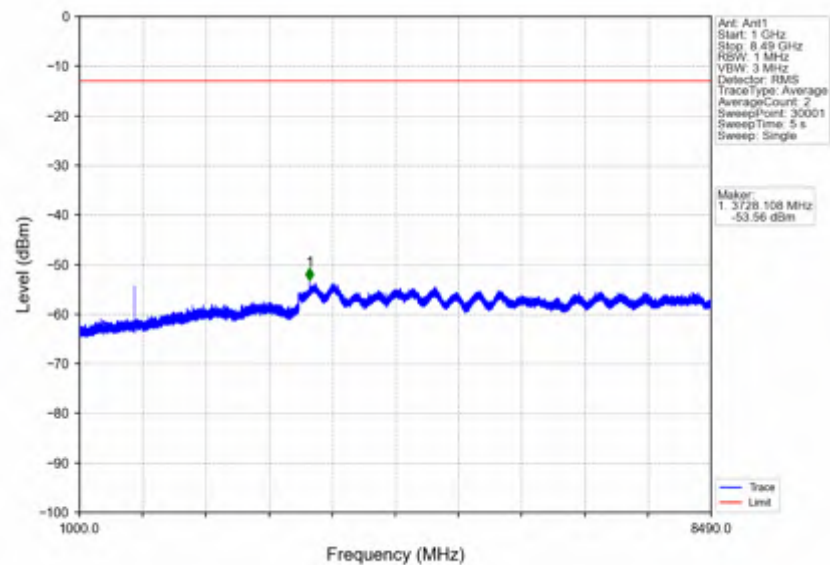
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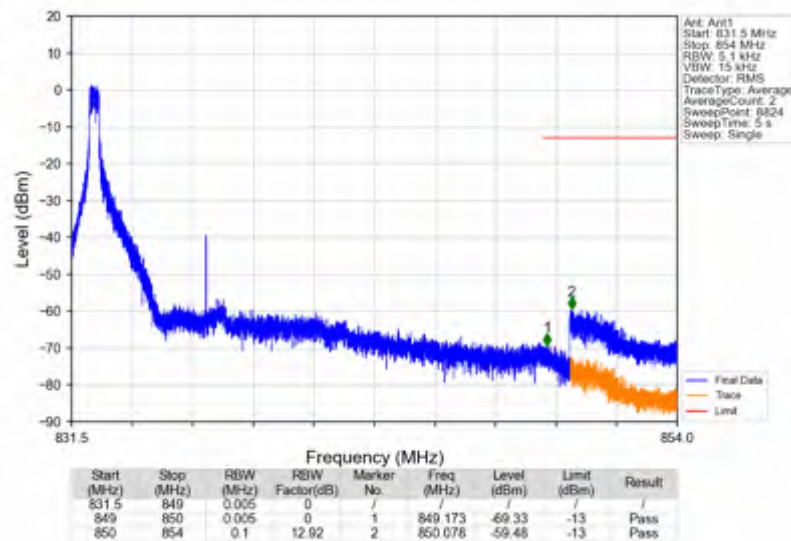
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n5_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_829MHz_Inner_1RB_Left



n5 30kHz SISO NTV 10MHz CP-OFDM QPSK 836.5MHz Edge 1RB Left

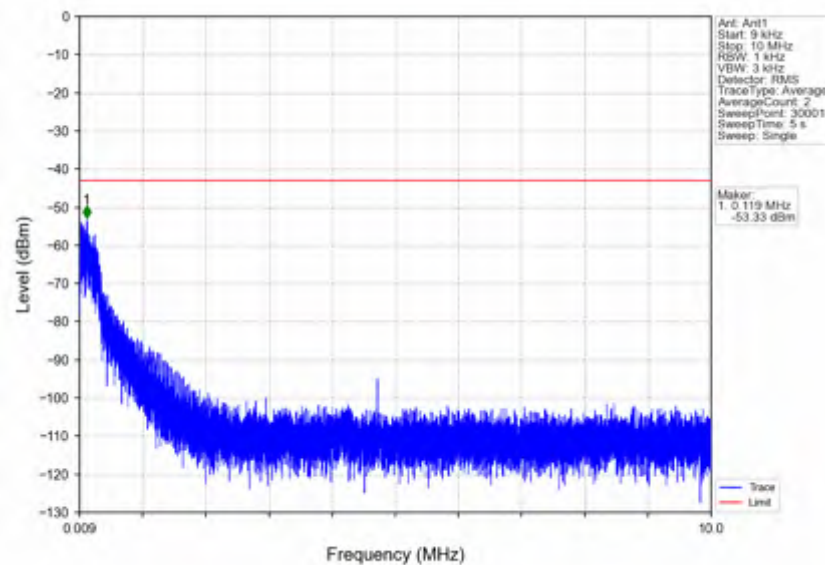


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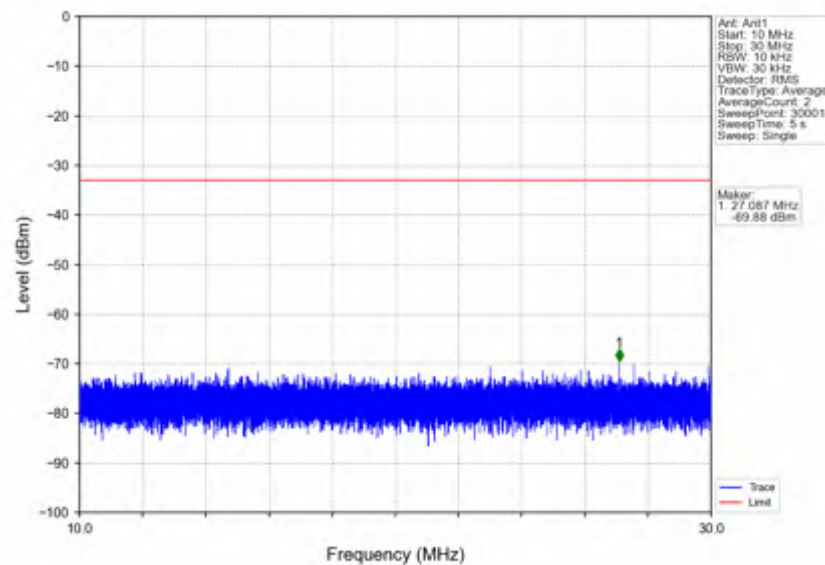
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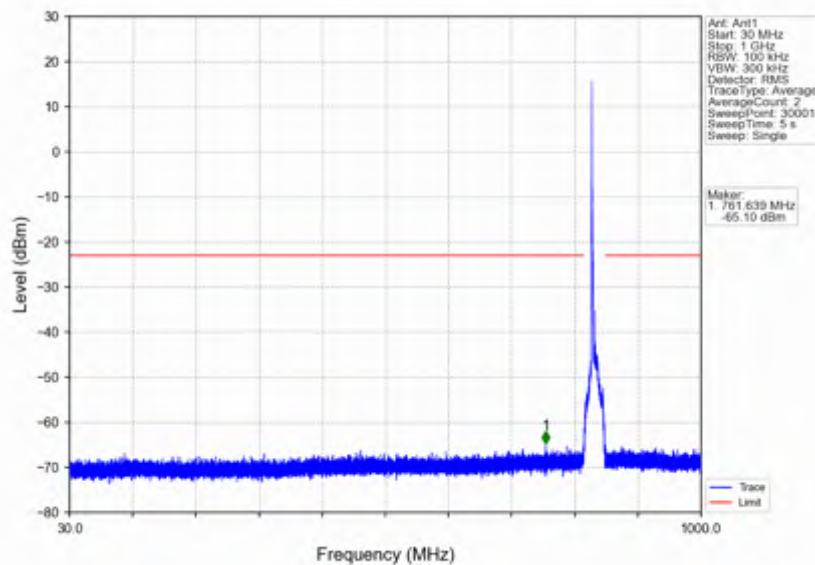
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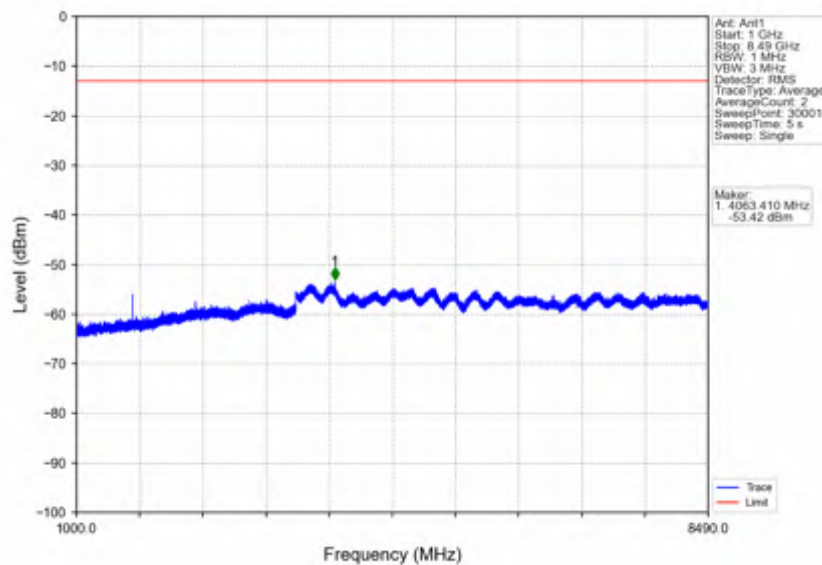
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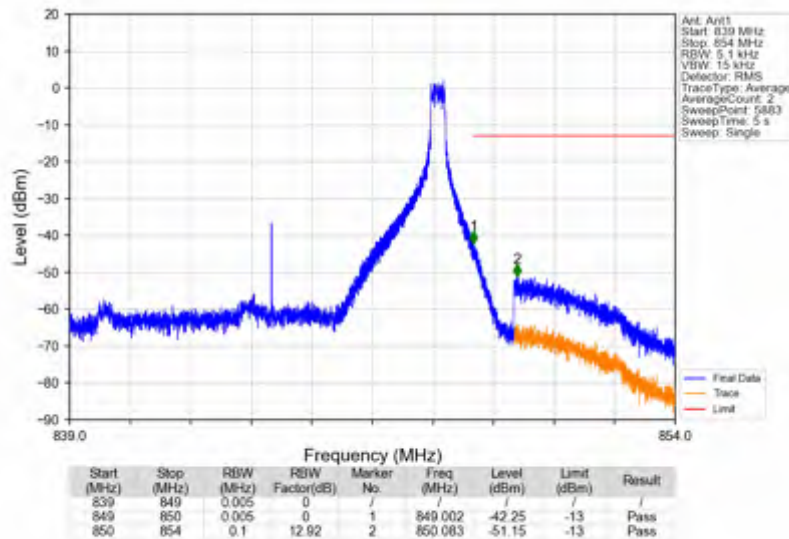


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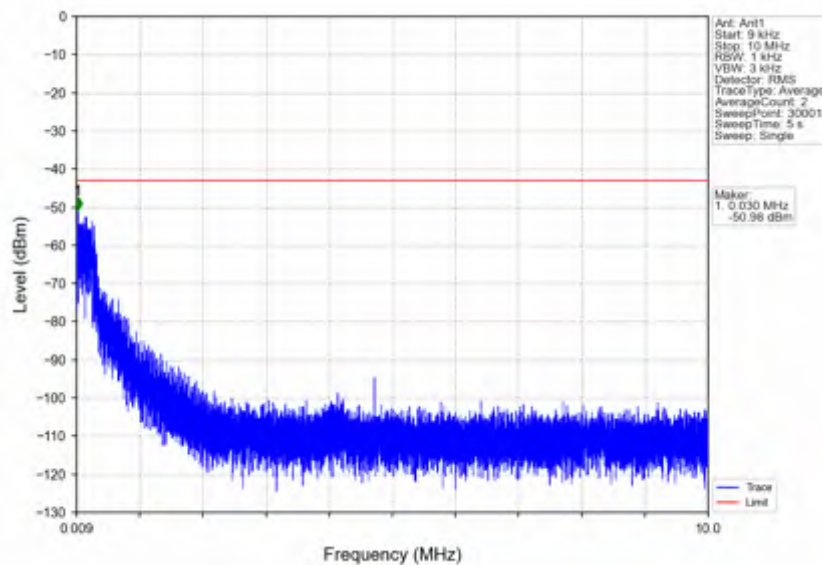
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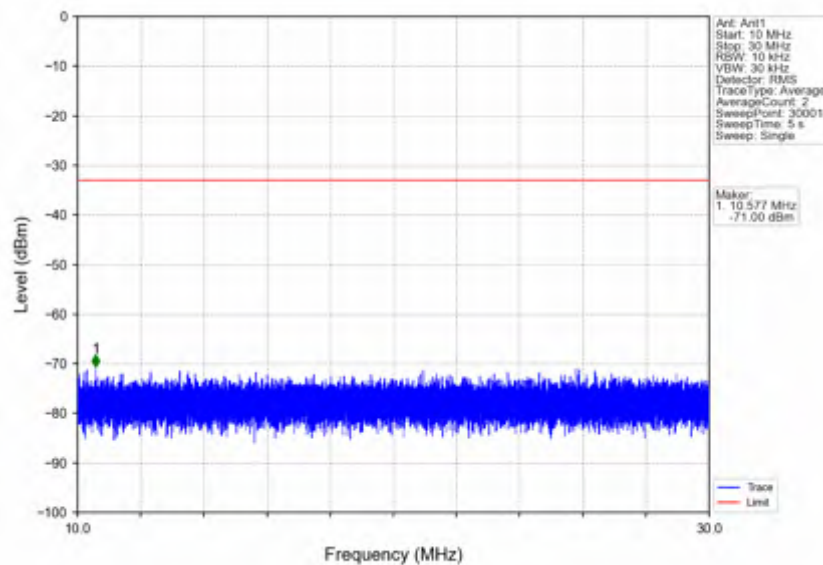
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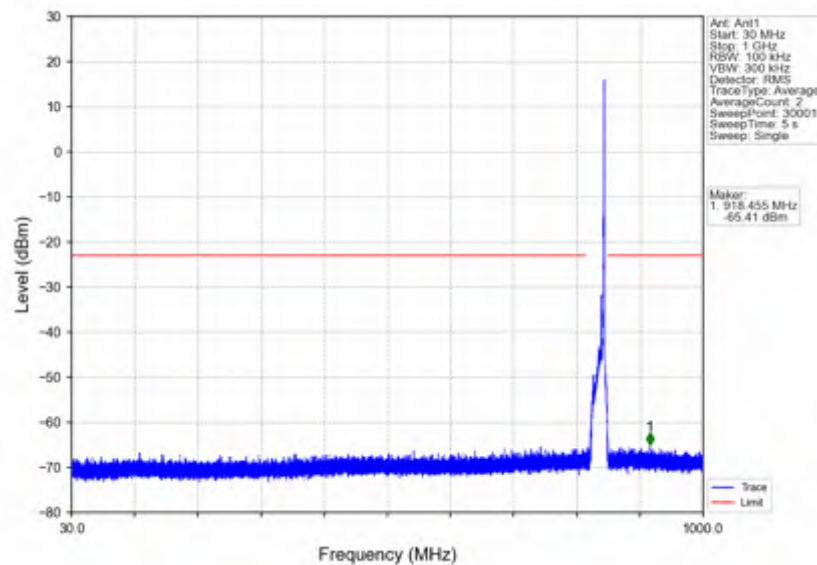
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n5_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_844MHz_Edge_1RB_Right



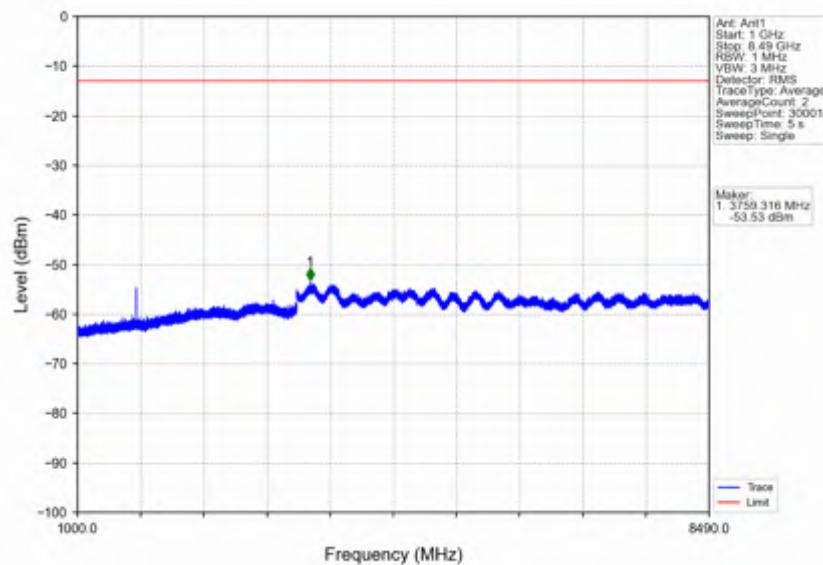
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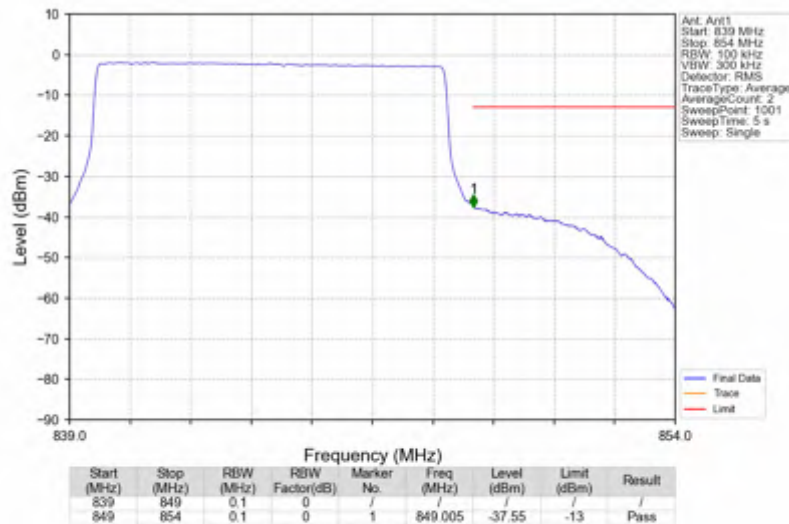
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n5_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_844MHz_Outer_Full



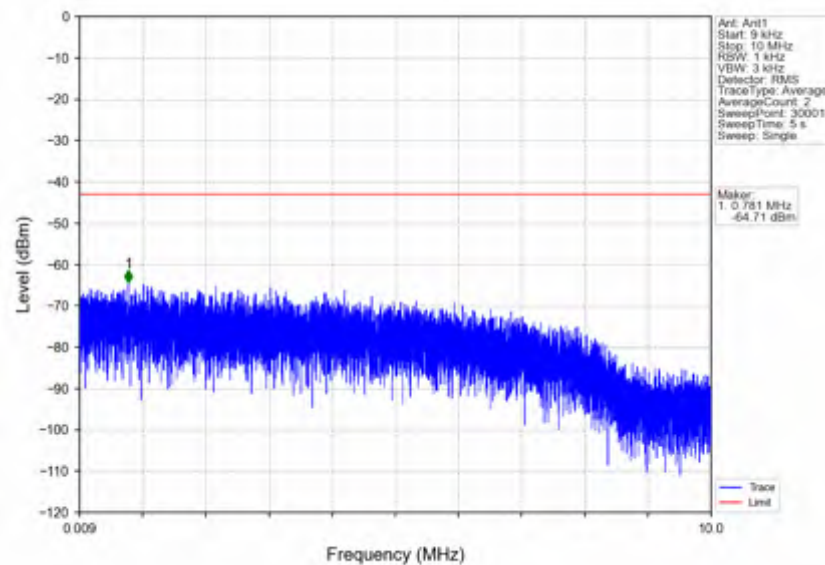
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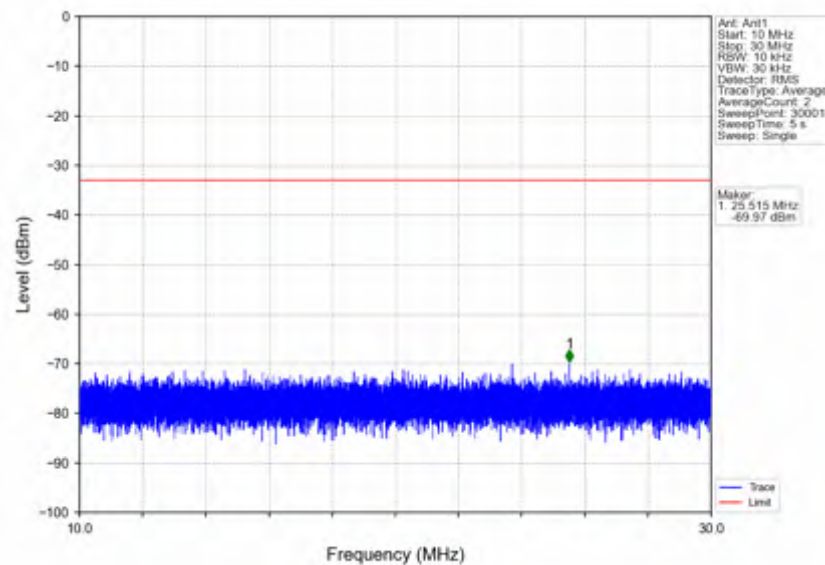
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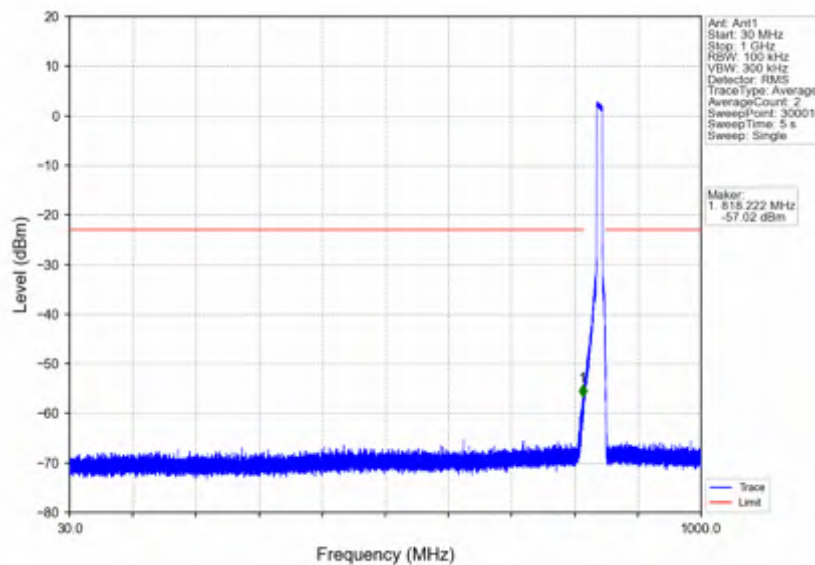
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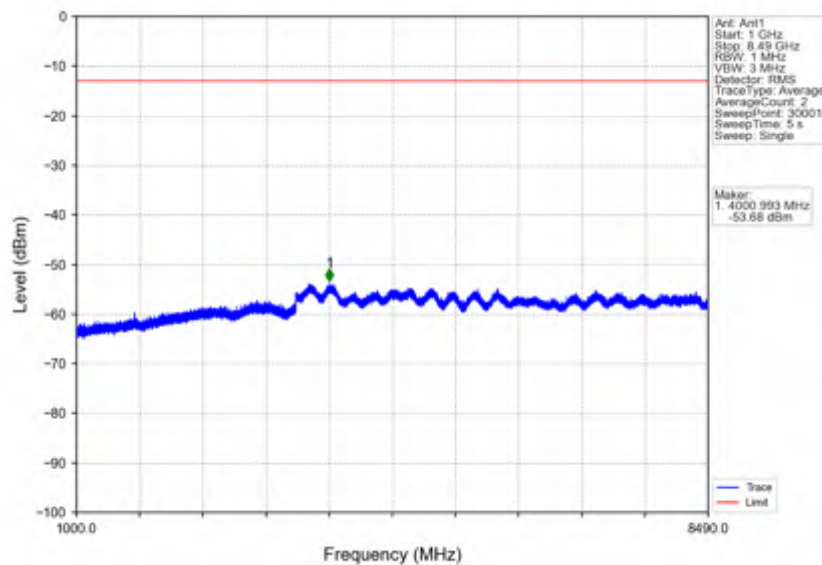
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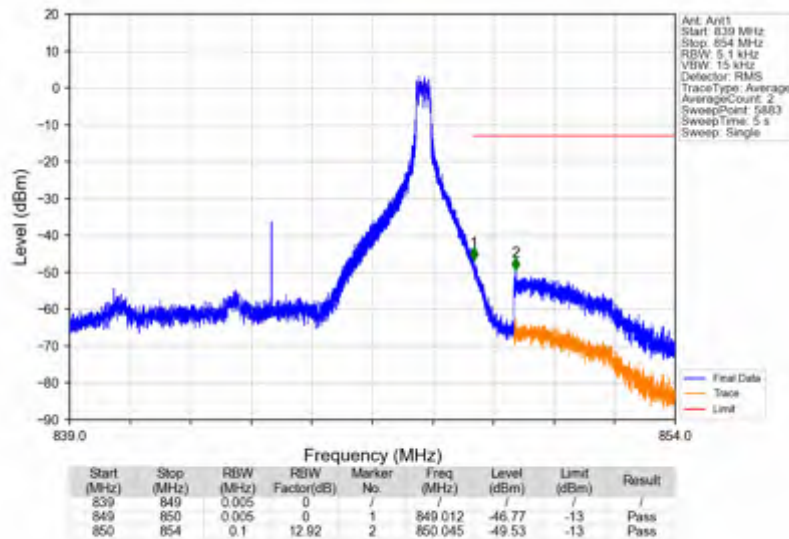
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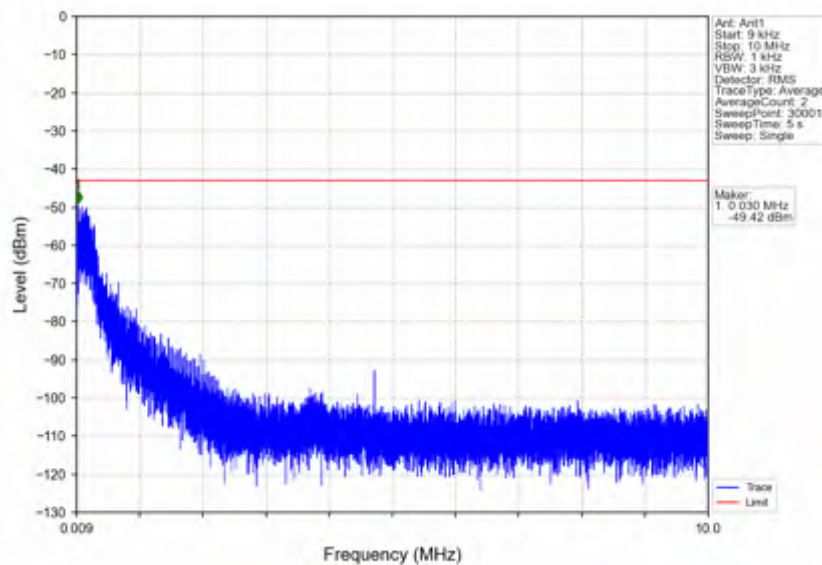
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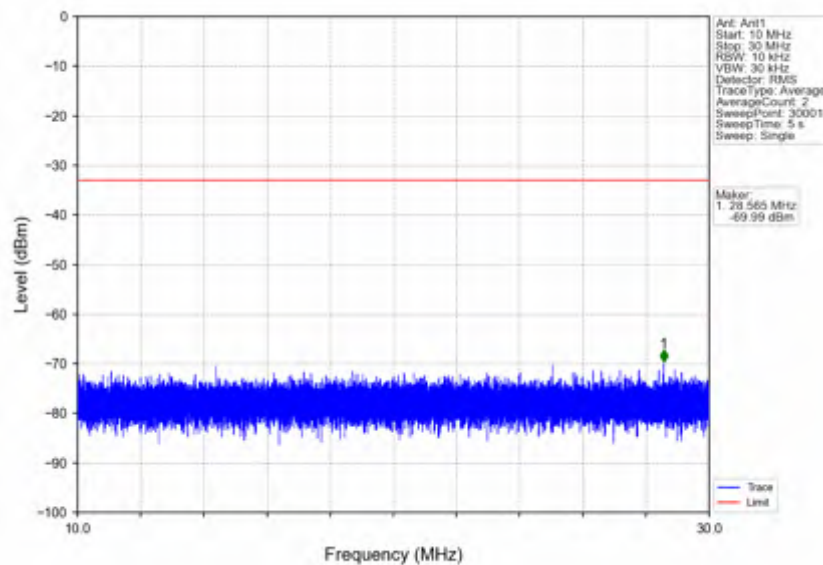
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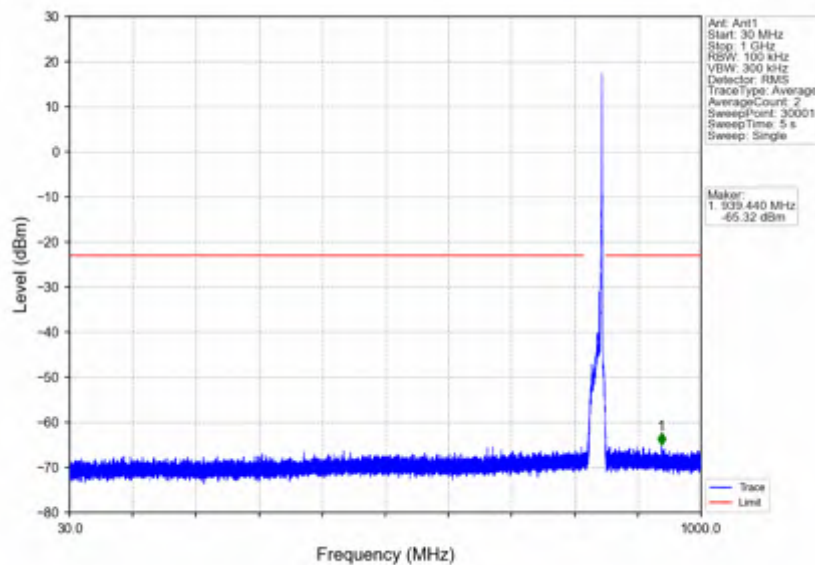
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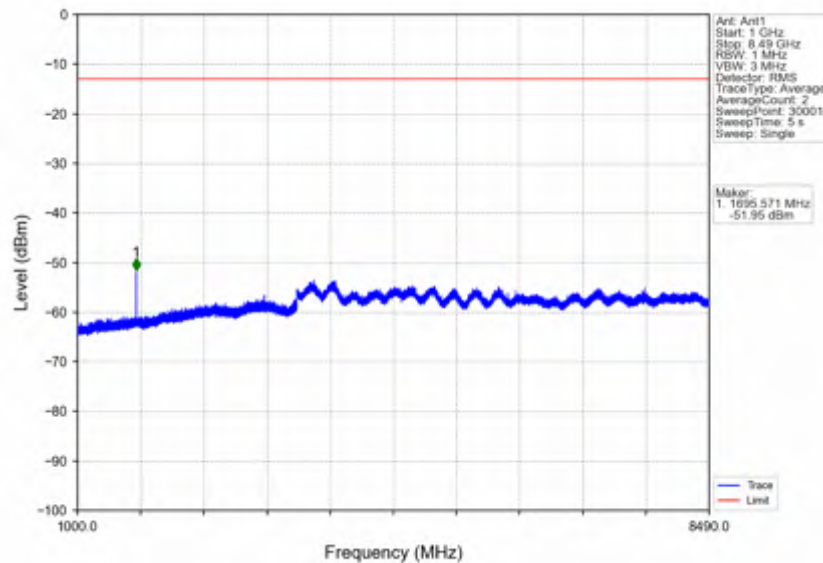
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2.6 30k_SISO_15MHz_NTNV

2.6.1 Test Result

5G NR n5 SCS=30kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	831.5	Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
	841.5	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	831.5	Inner 1RB Right	Refer To Test Graph			Pass
	836.5	Edge 1RB Left	Refer To Test Graph			Pass
		Edge 1RB Right	Refer To Test Graph			Pass
	841.5	Outer Full	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass
CP-OFDM QPSK	831.5	Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
	836.5	Edge 1RB Left	Refer To Test Graph			Pass
		Edge 1RB Right	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
	841.5	Inner 1RB Right	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass



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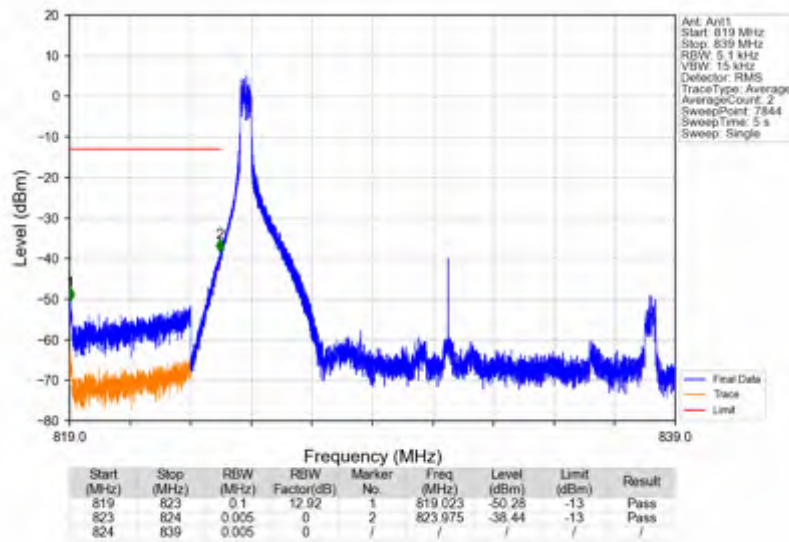
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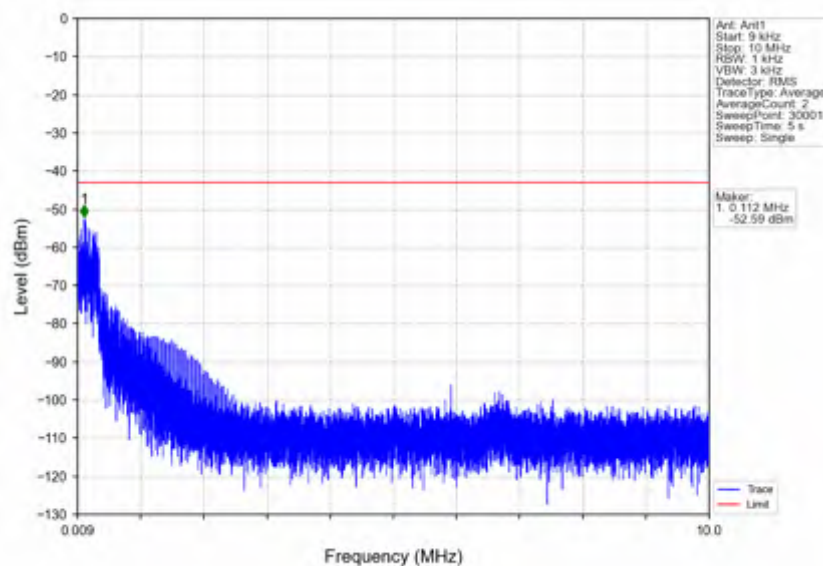
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2.6.2 Test Graph

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n5_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK 831.5MHz_Edge_1RB_Left

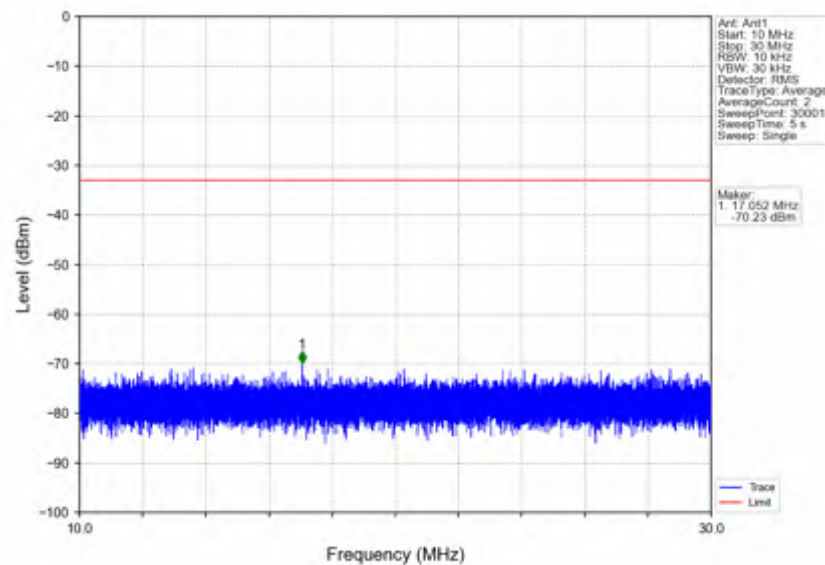


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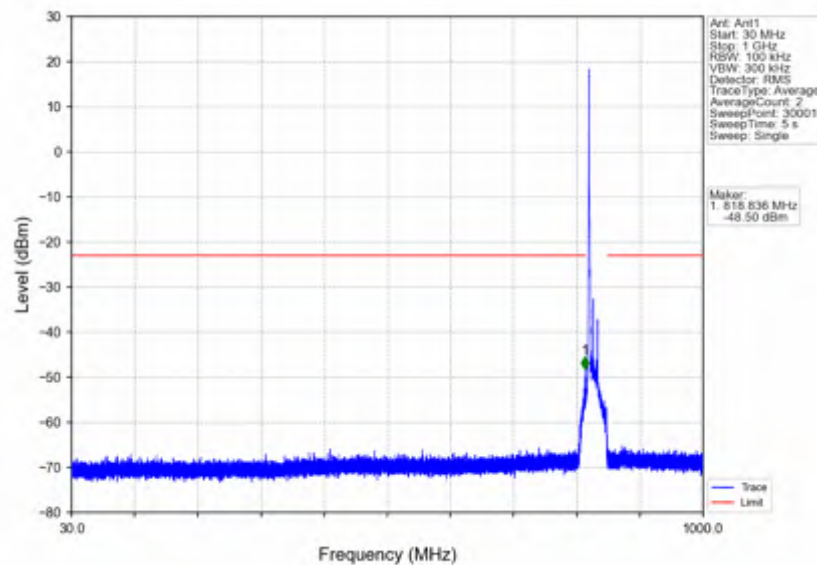
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n5_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK 831.5MHz_Edge_1RB_Left



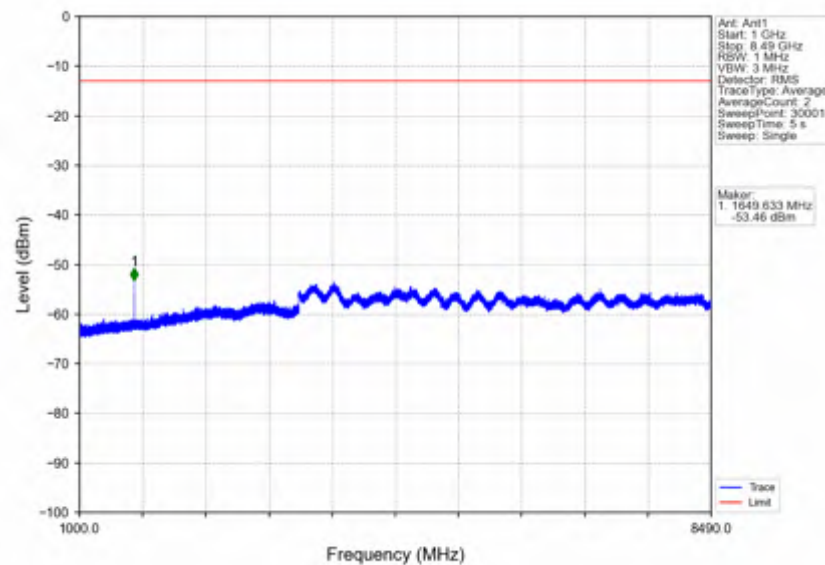
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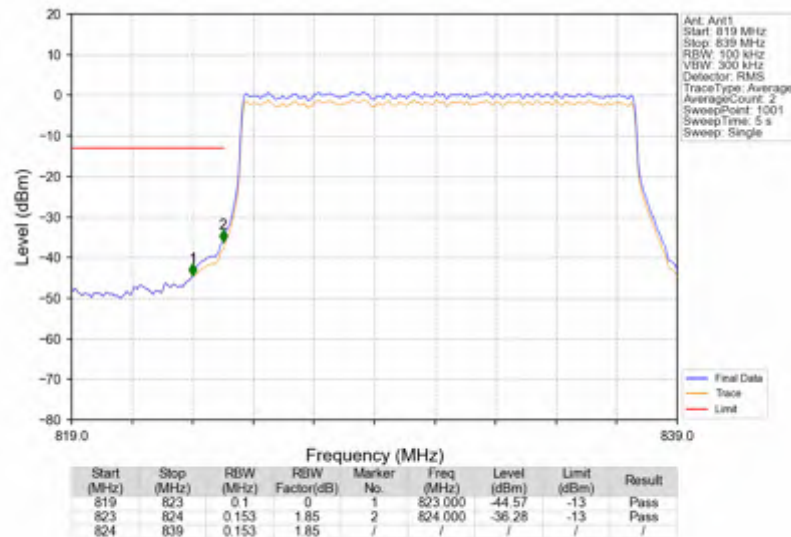
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n5_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_831.5MHz_Outer_Full



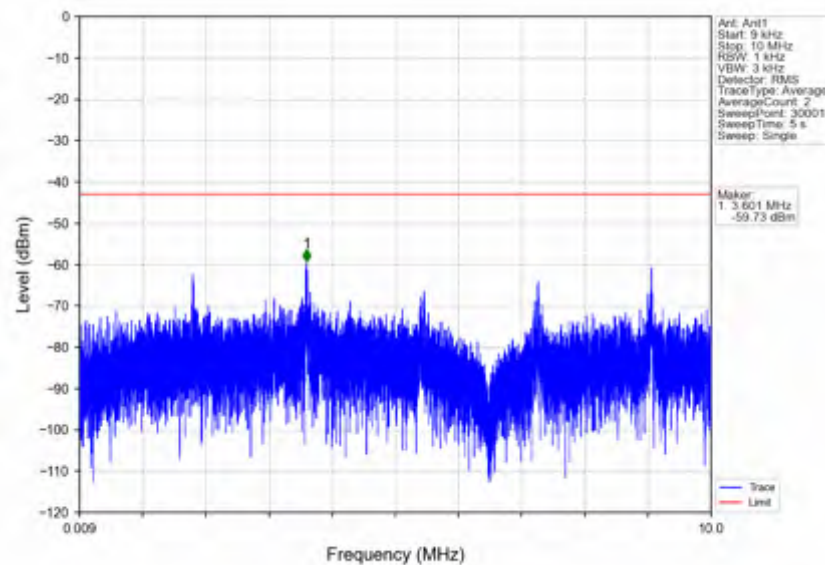
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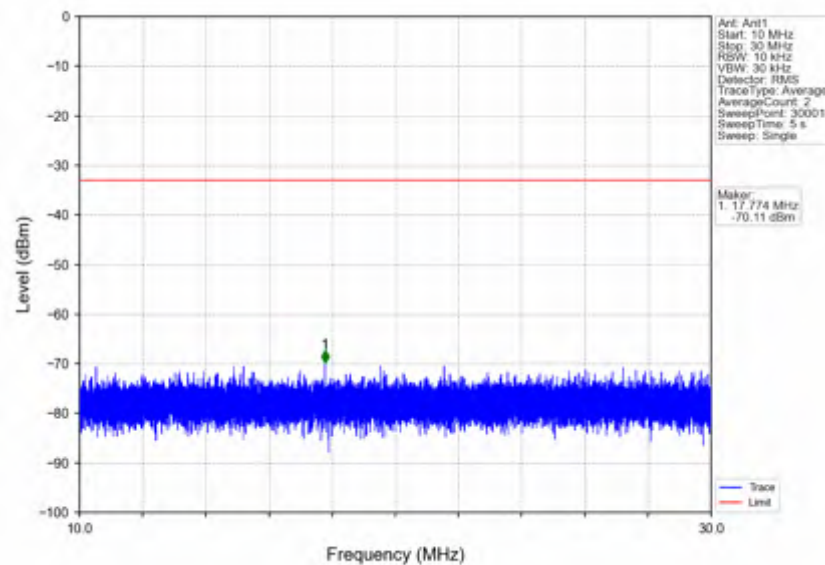
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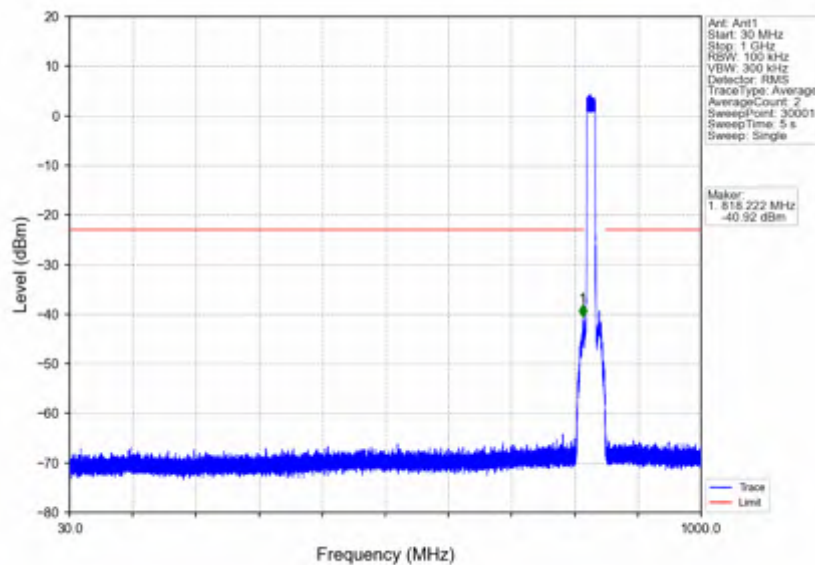


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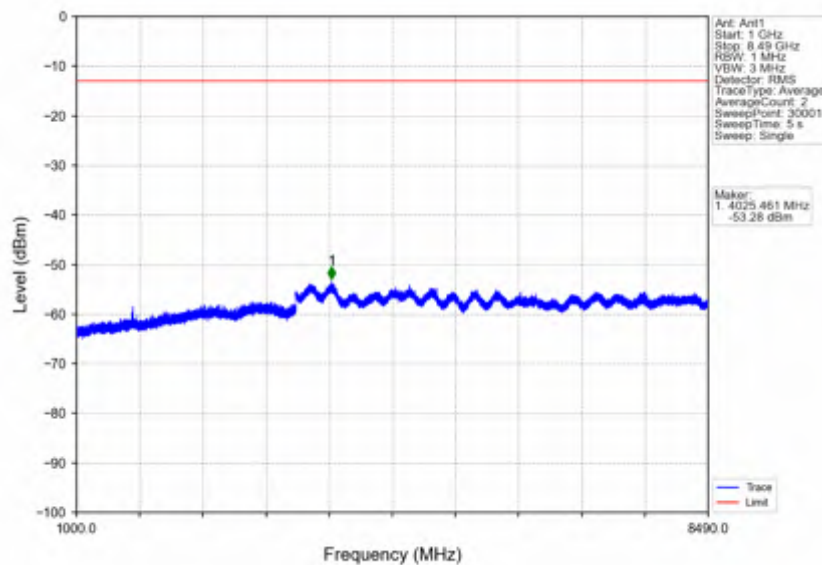
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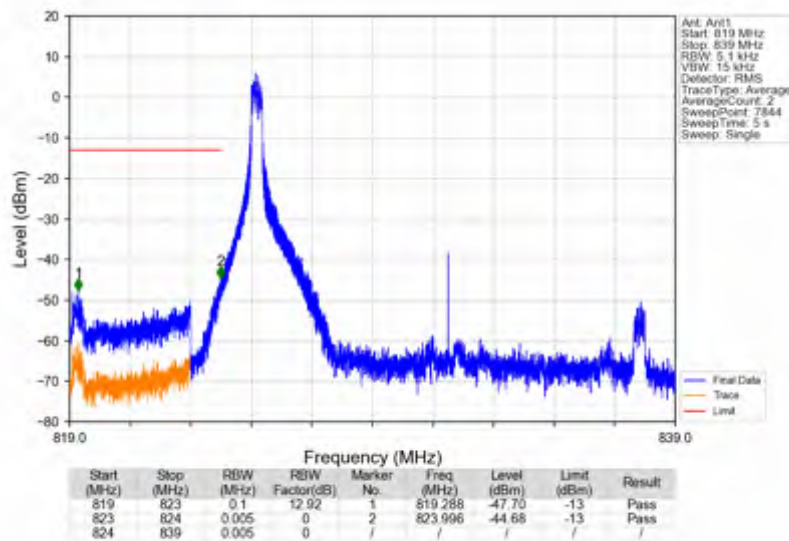


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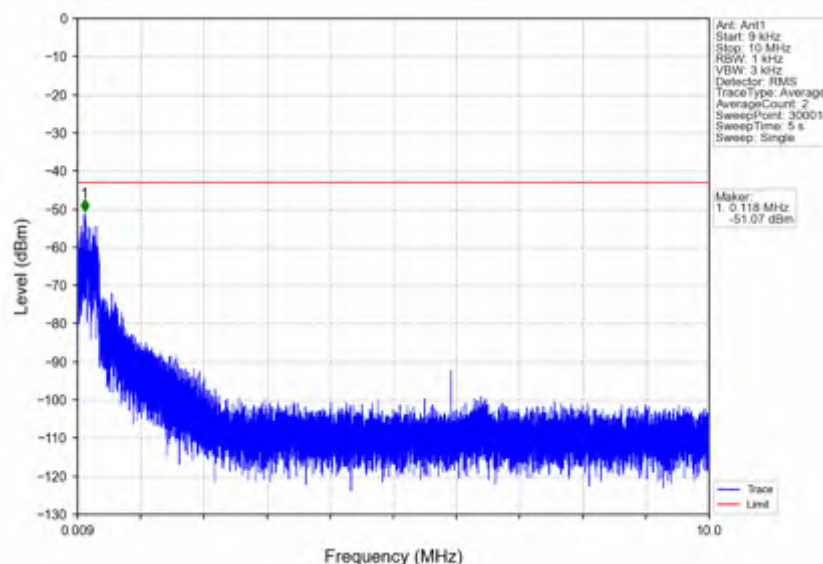
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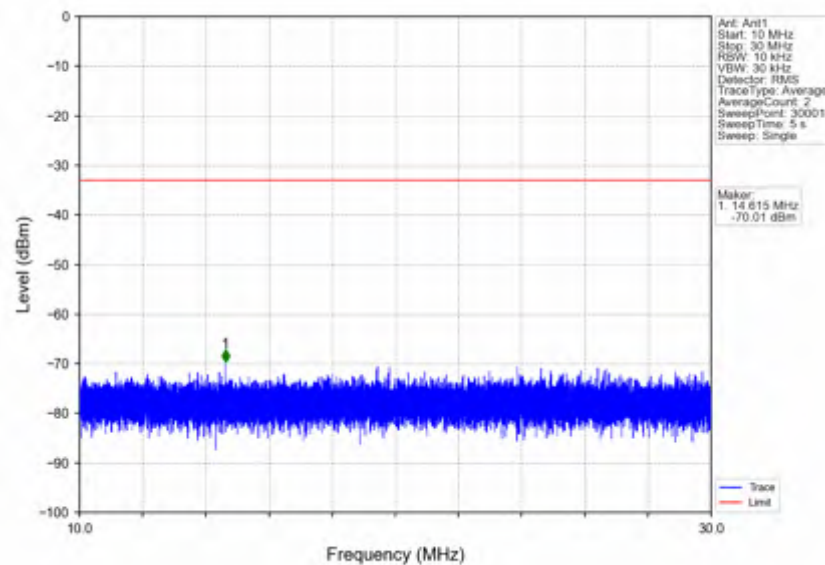
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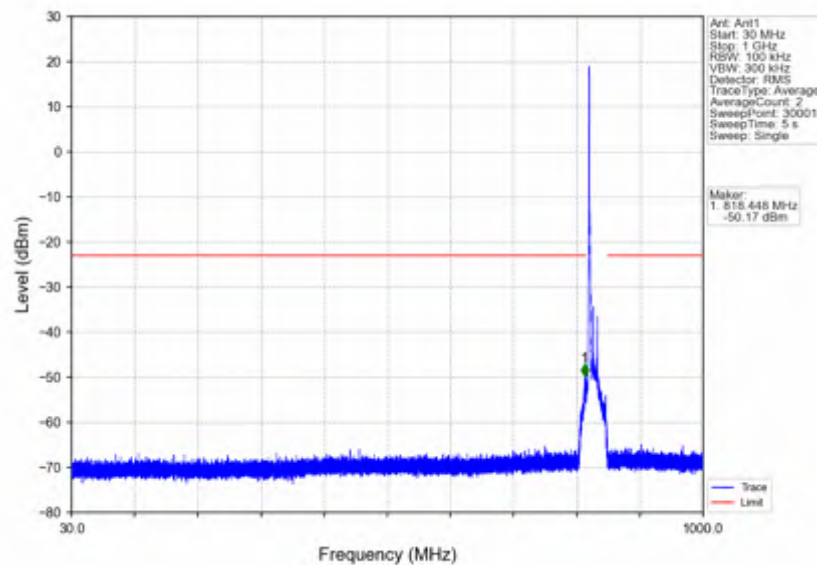
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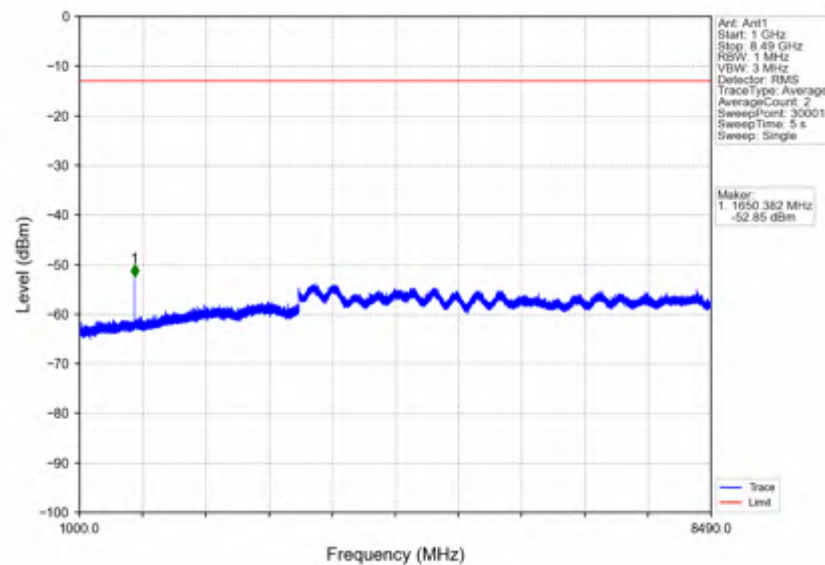
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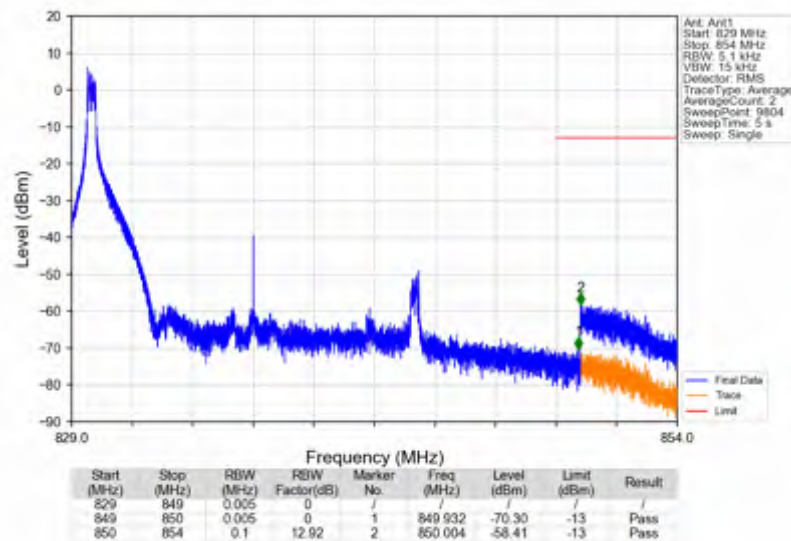
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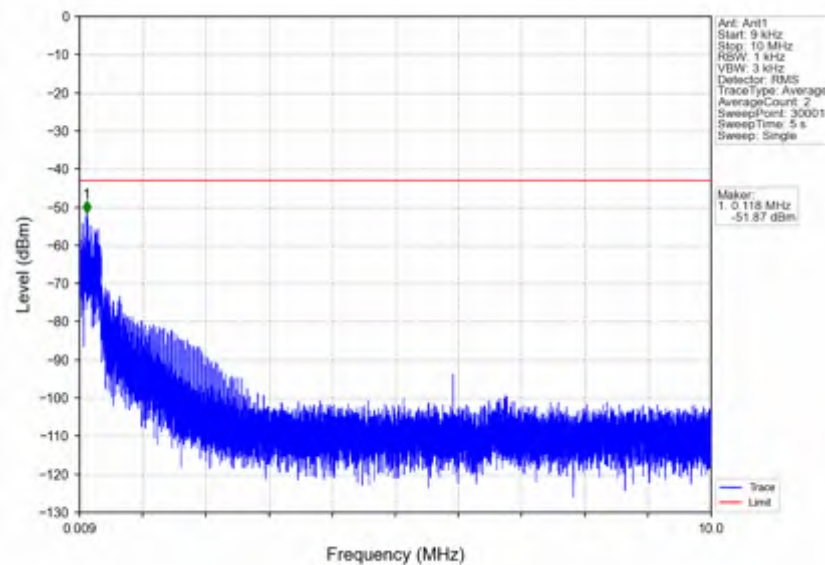
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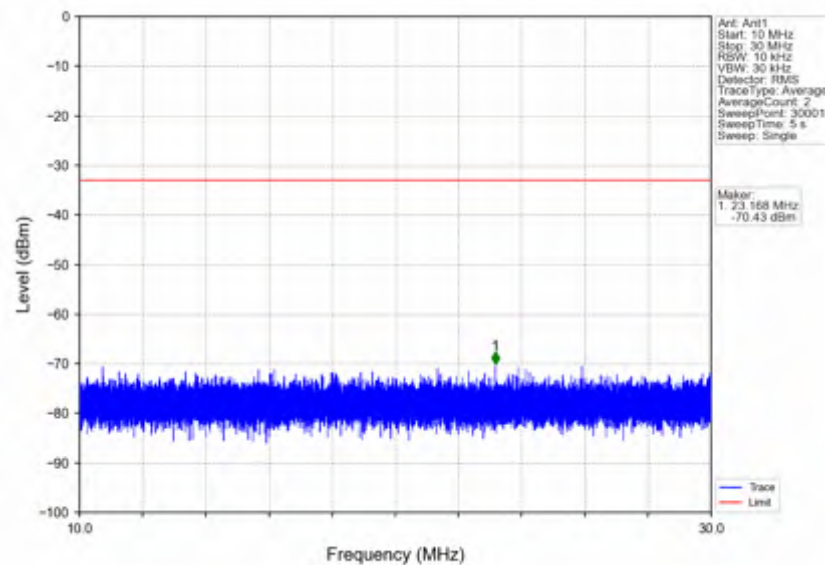
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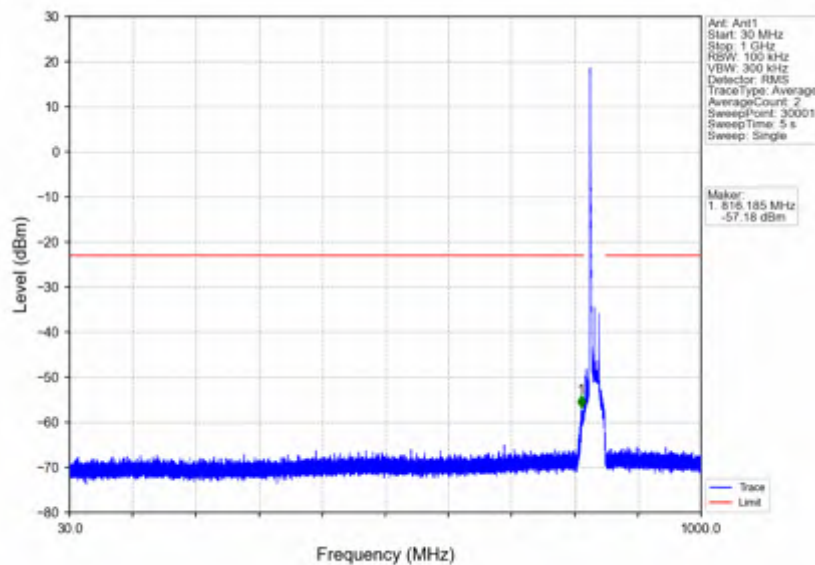
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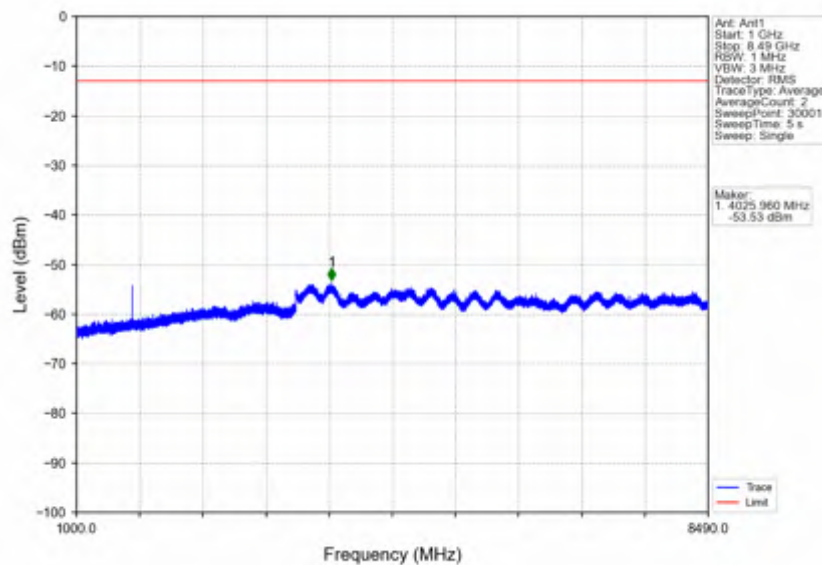
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n5_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK 836.5MHz_Edge_1RB_Left



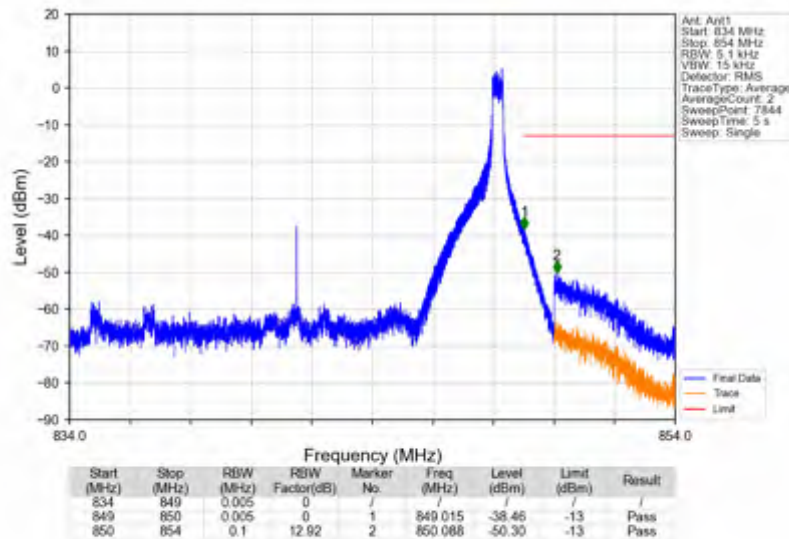
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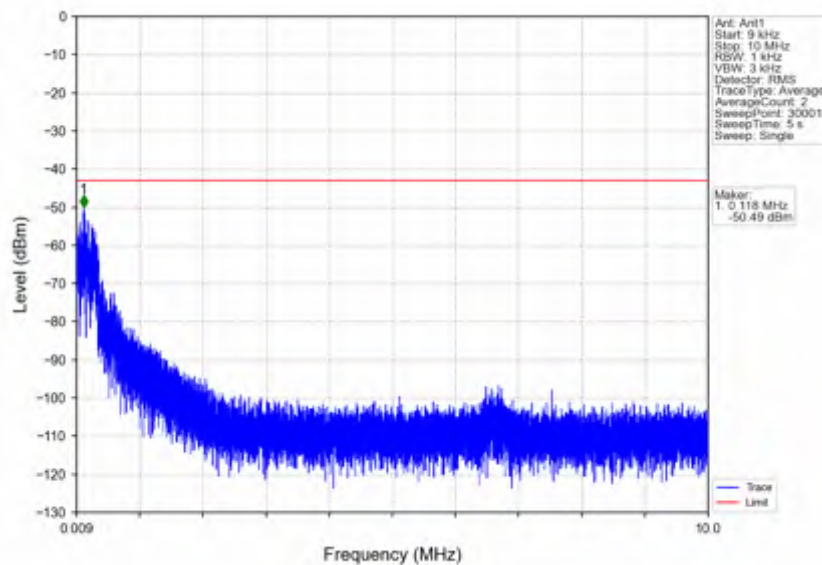
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n5_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_841.5MHz_Edge_1RB_Right



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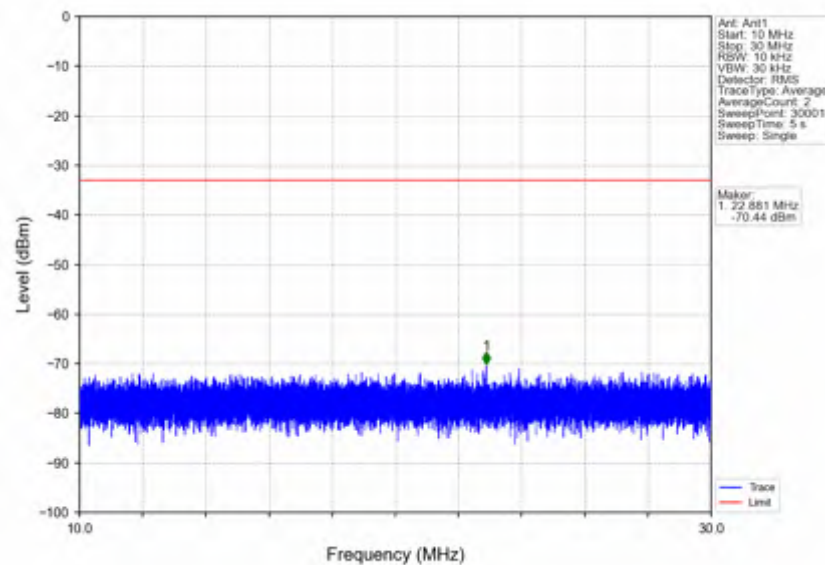
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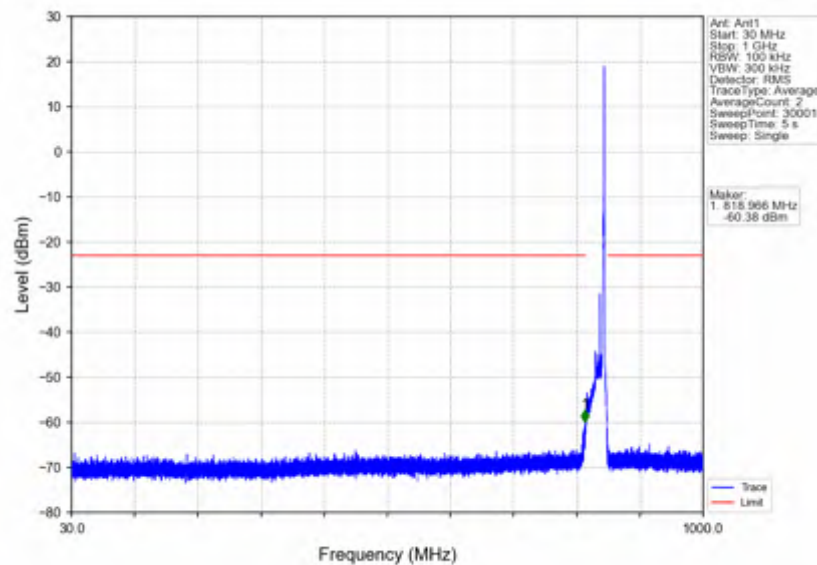
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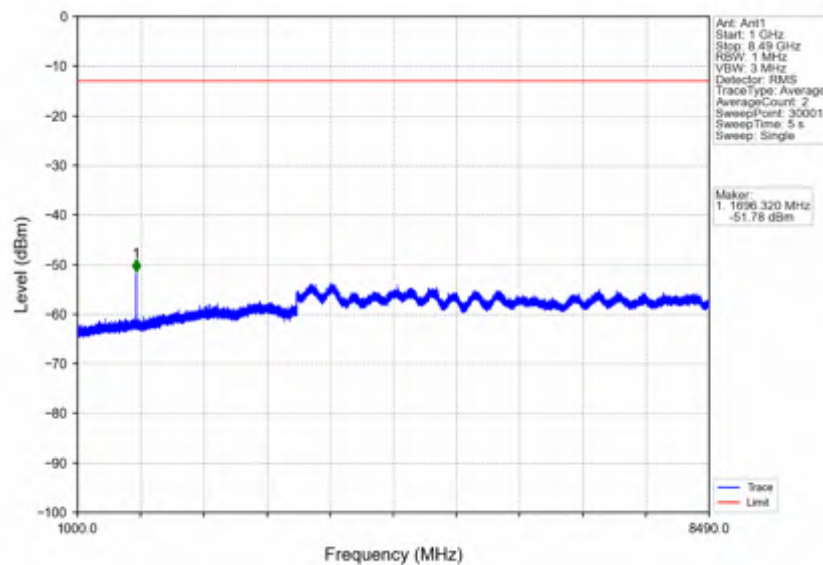
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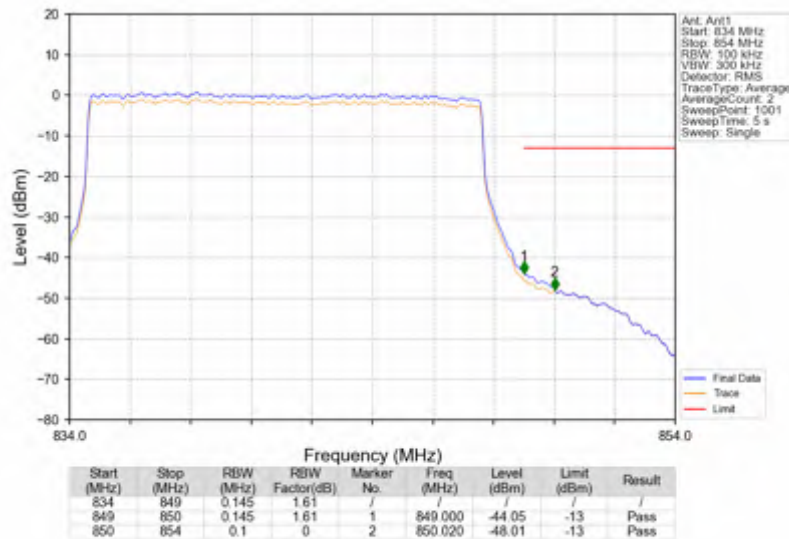
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n5_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_841.5MHz_Edge_1RB_Right



n5_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_841.5MHz_Outer_Full



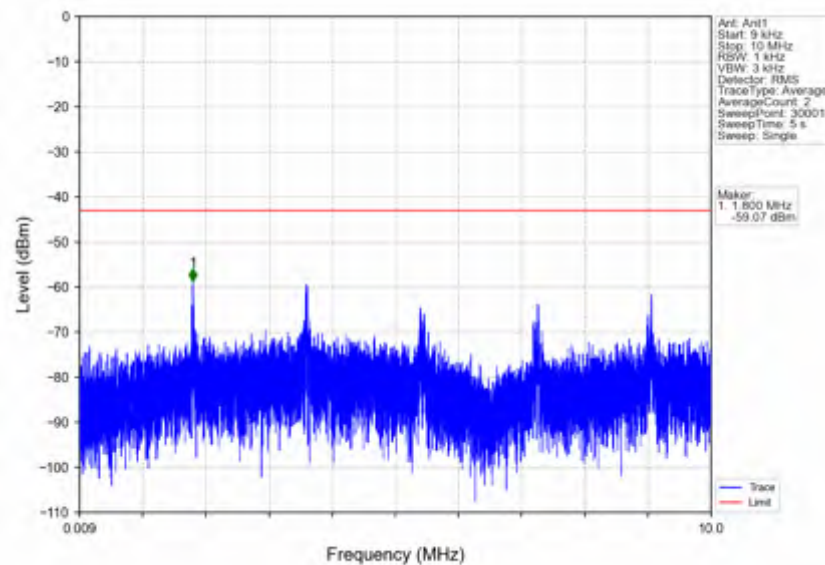
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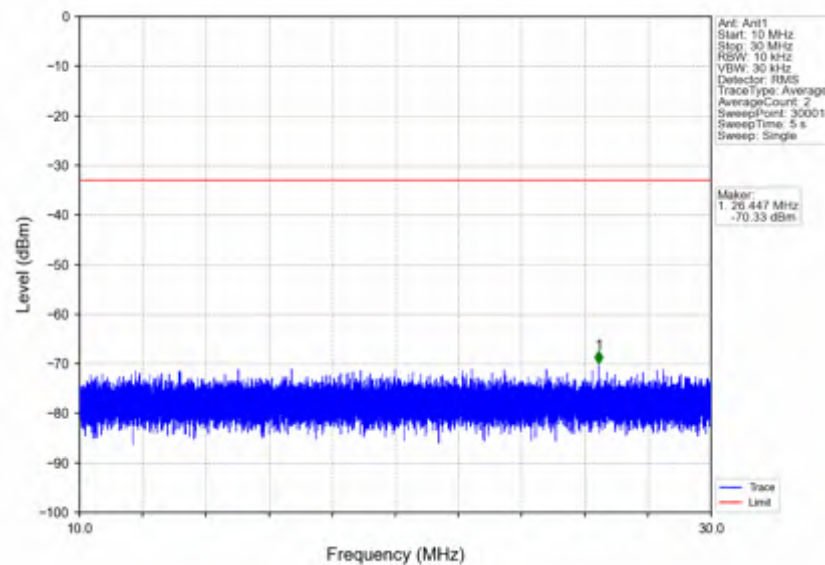
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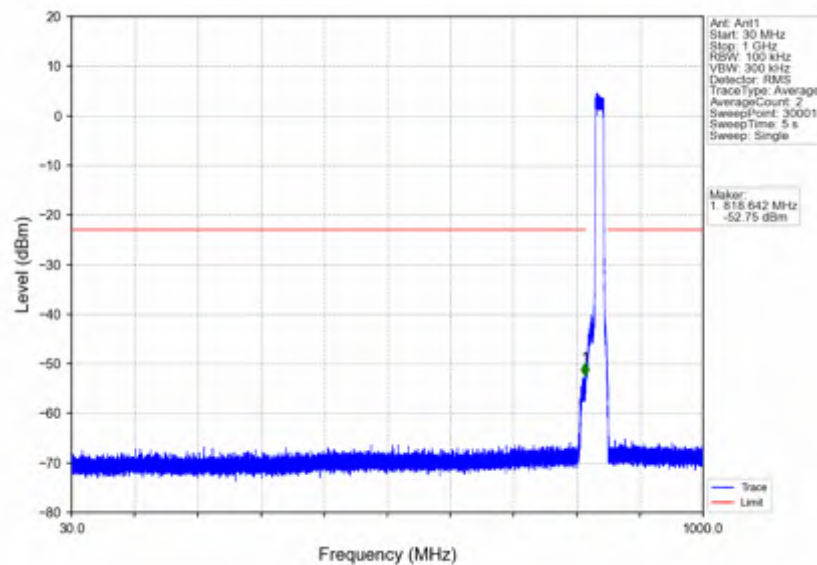


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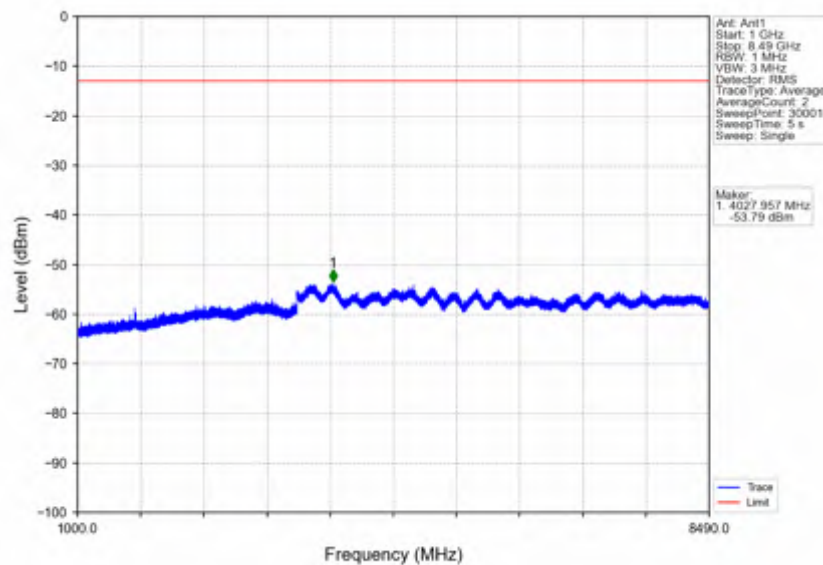
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n5_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_841.5MHz_Outer_Full



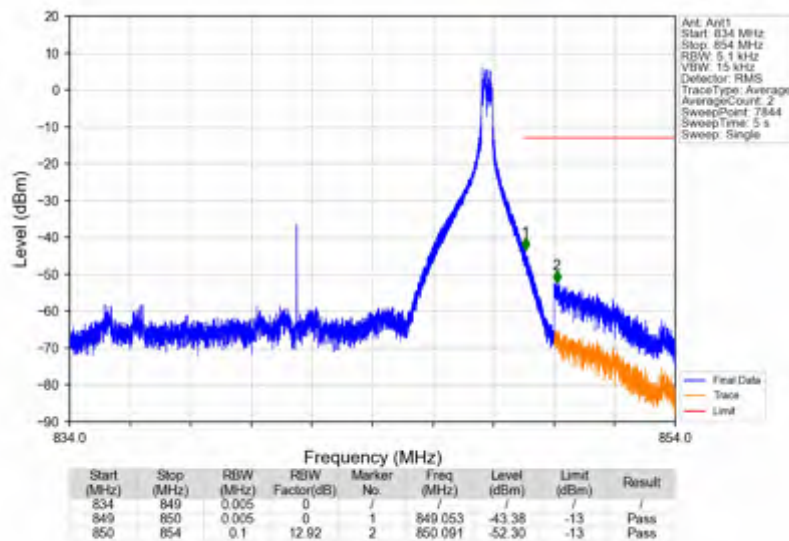
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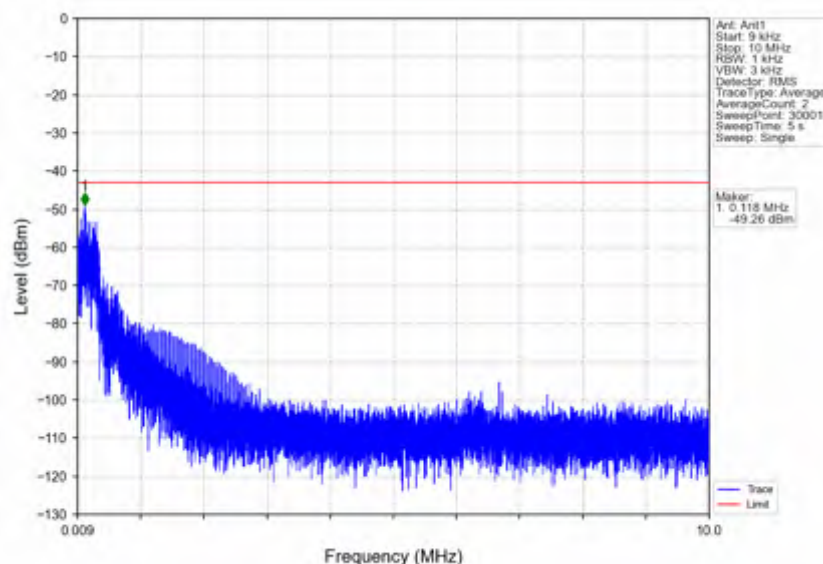
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n5	30kHz	SISO	NTNV	15MHz	DFT-s-OFDM	PI/2 BPSK	841.5MHz	Inner	1RB	Right
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n5	30kHz	SISO	NTNV	15MHz	DFT-s-OFDM	PI/2 BPSK	841.5MHz	Inner	1RB	Right
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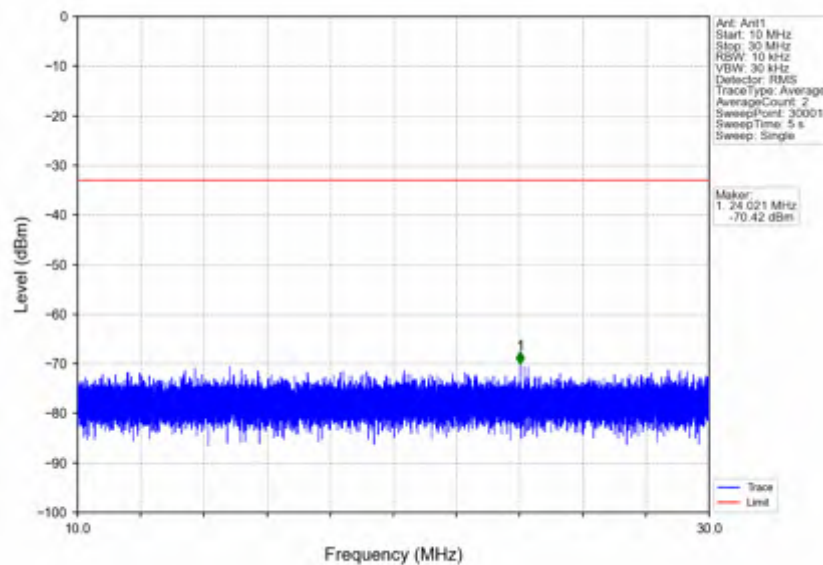


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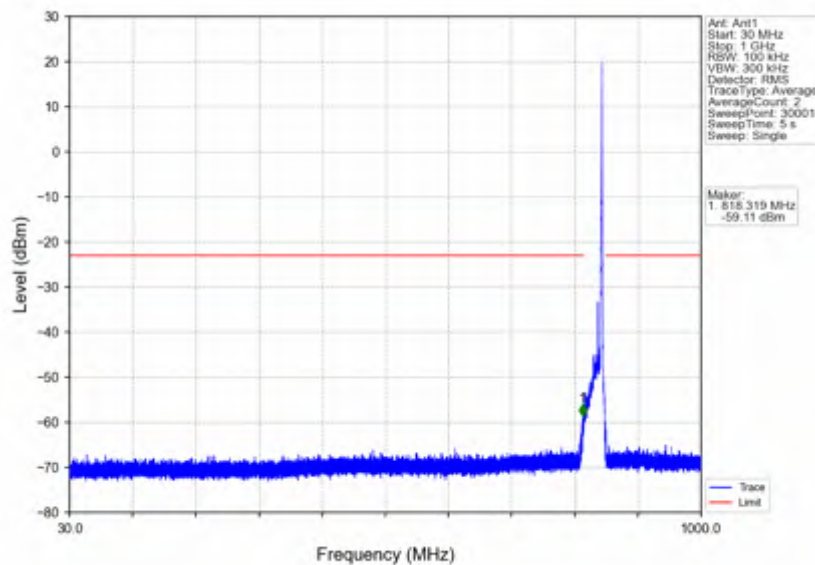
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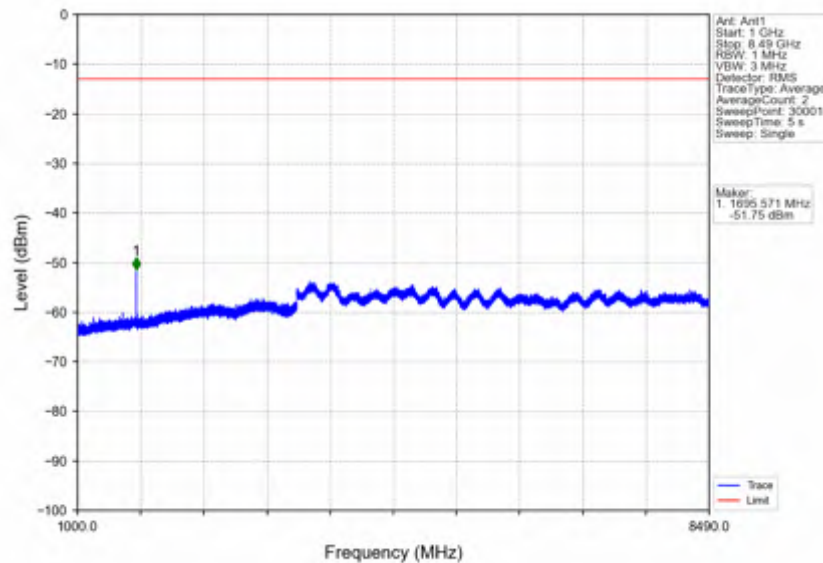
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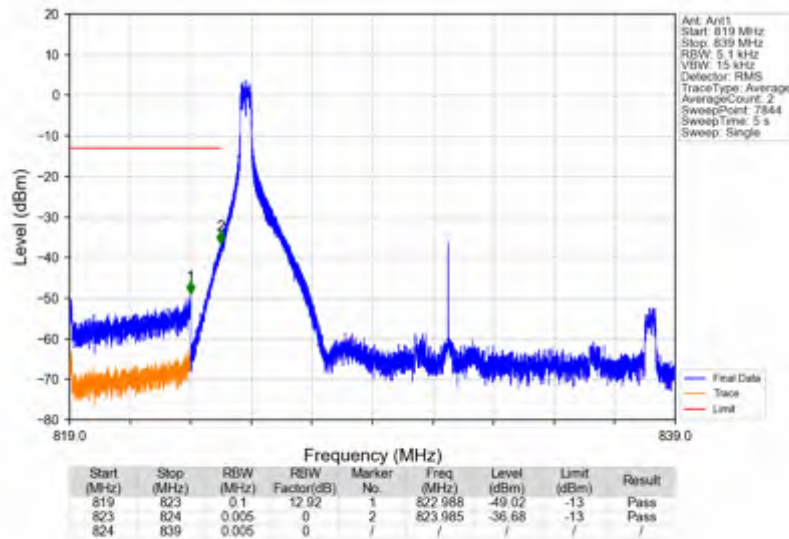
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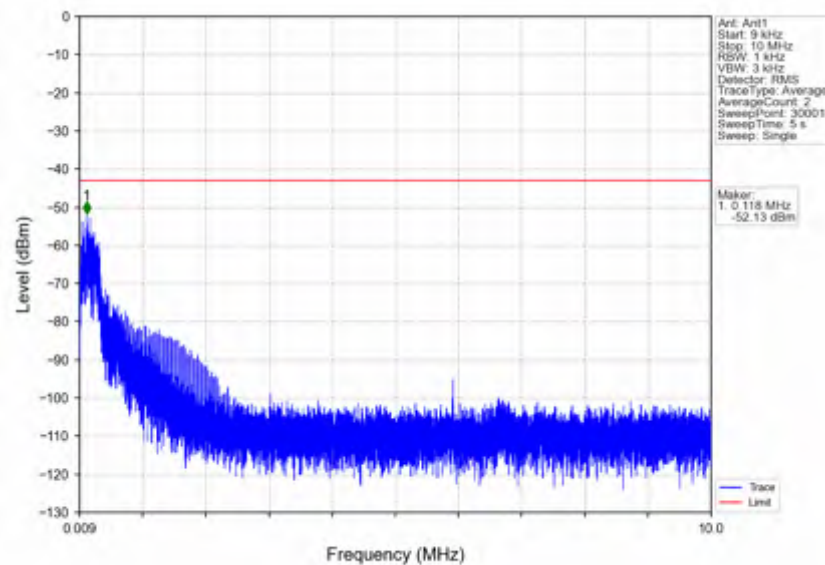
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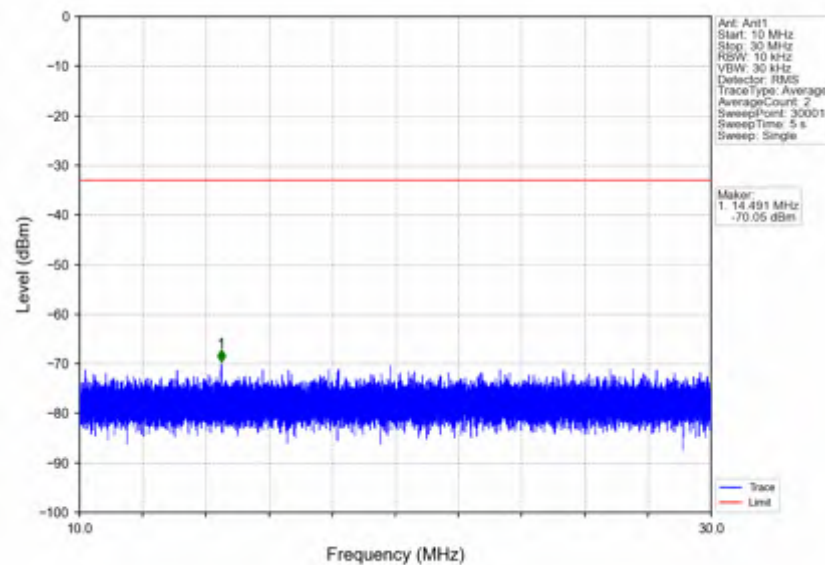
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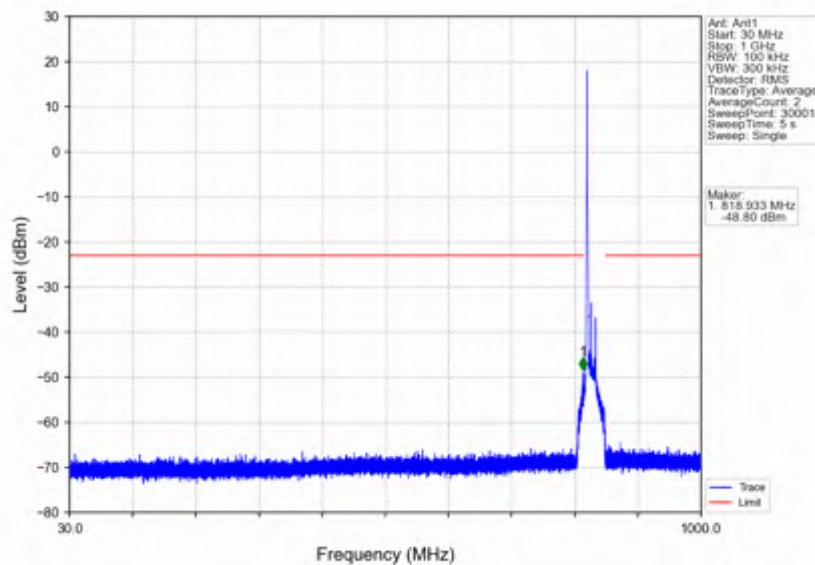
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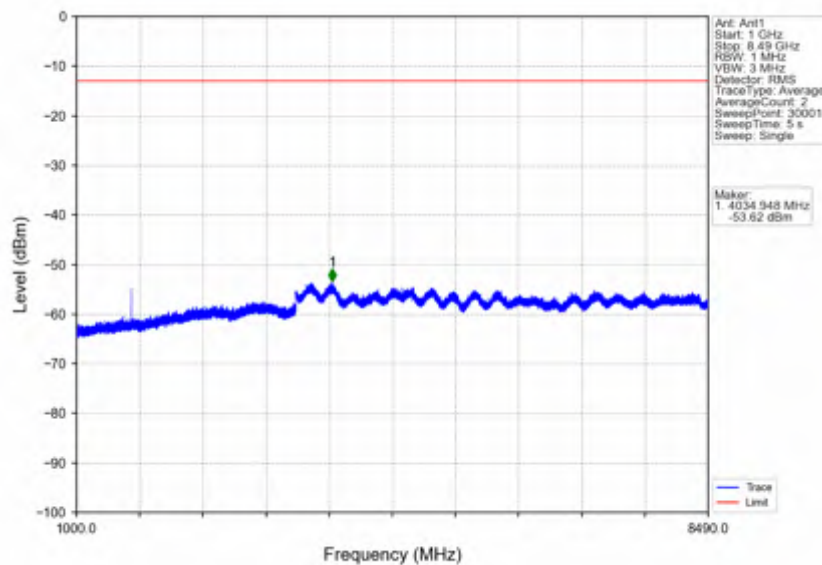
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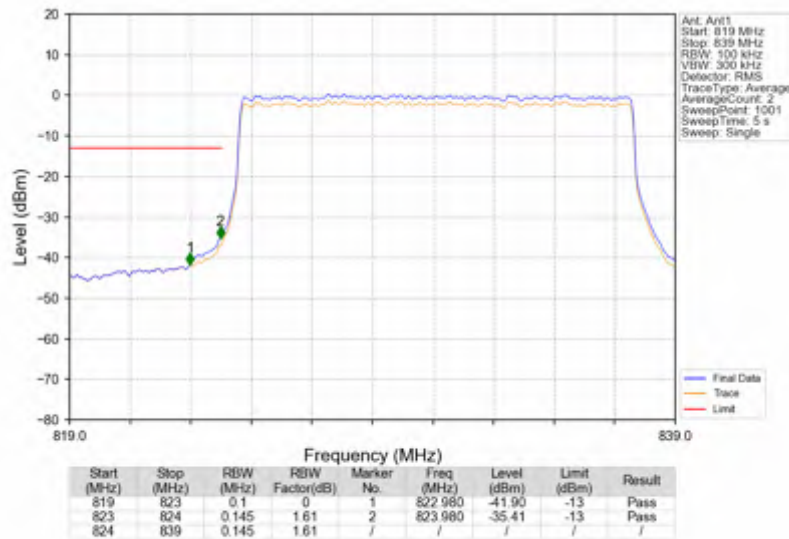
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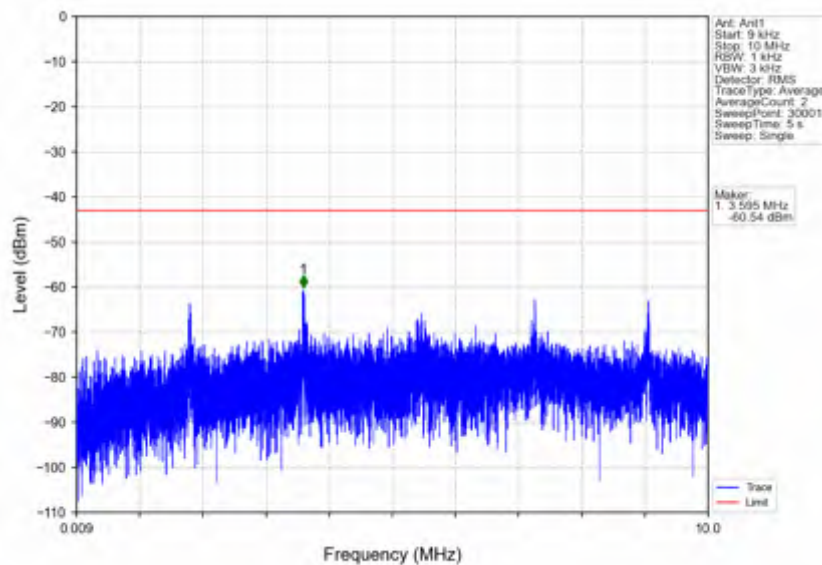
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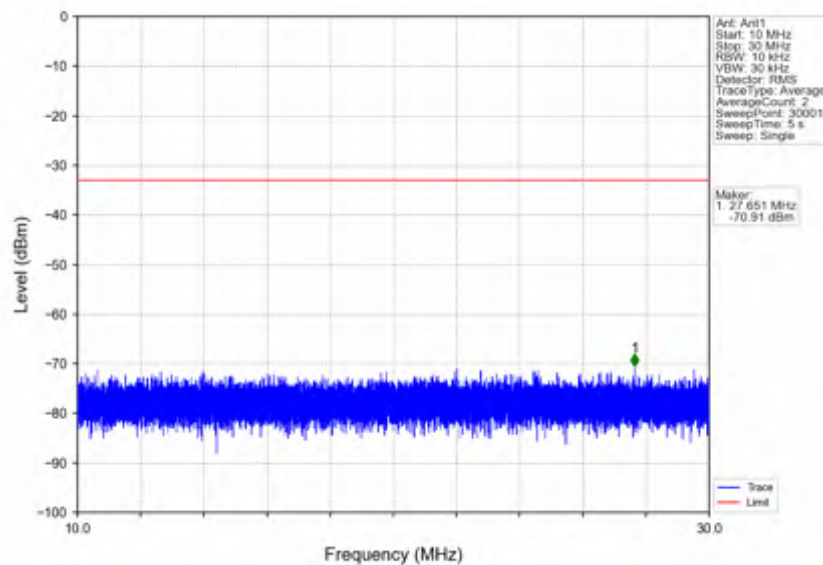
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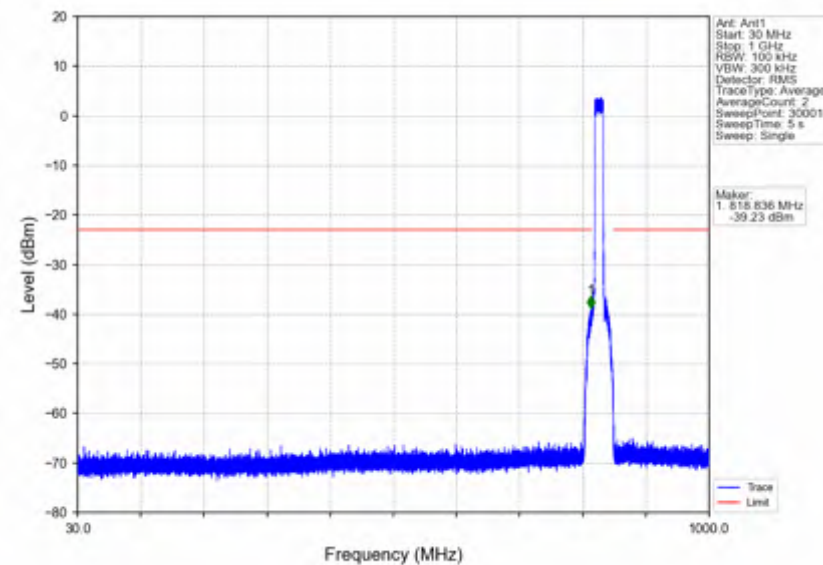
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n5_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Outer_Full



n5_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Outer_Full



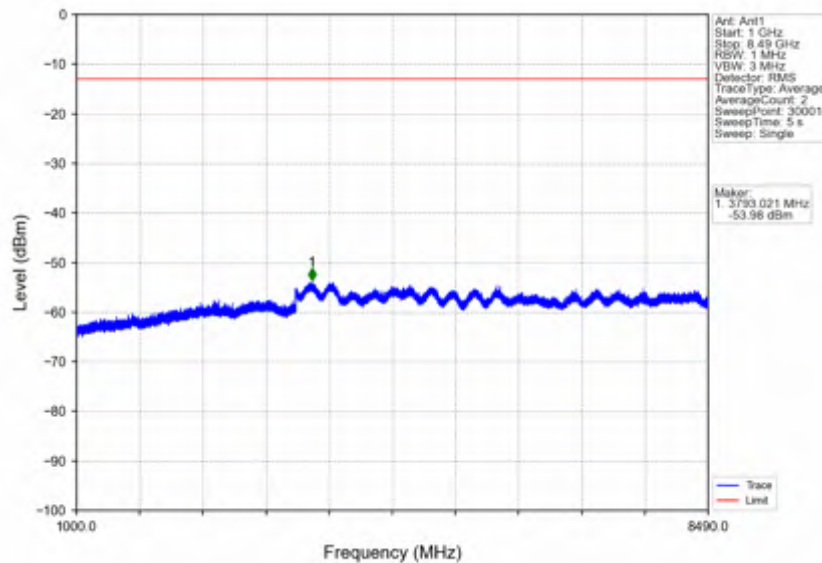
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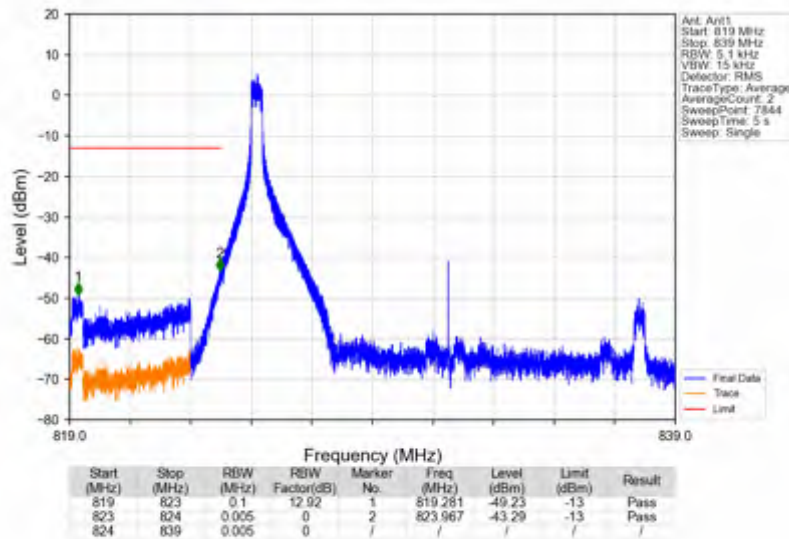
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n5_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Outer_Full



n5_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Inner_1RB_Left



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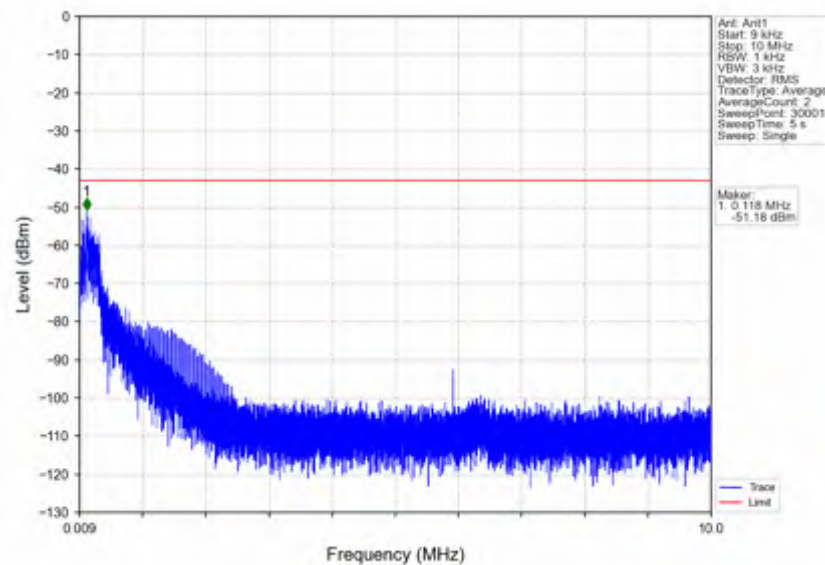
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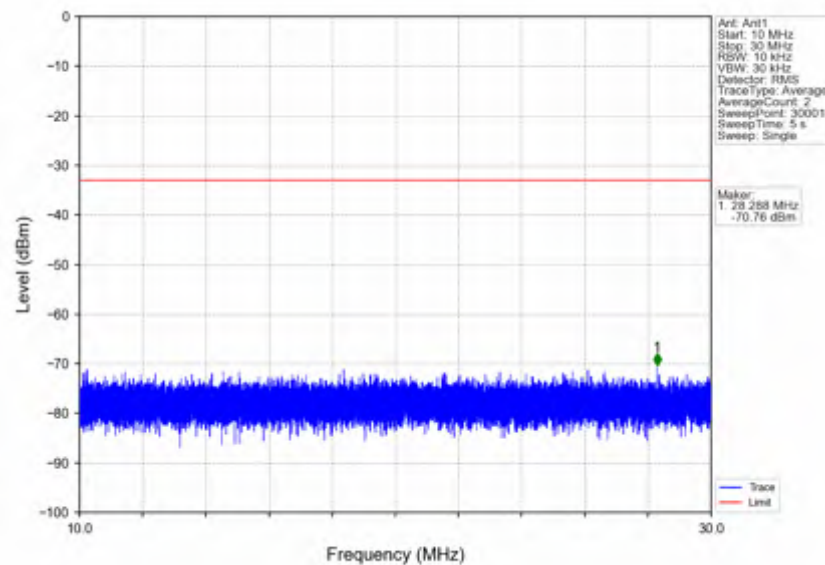
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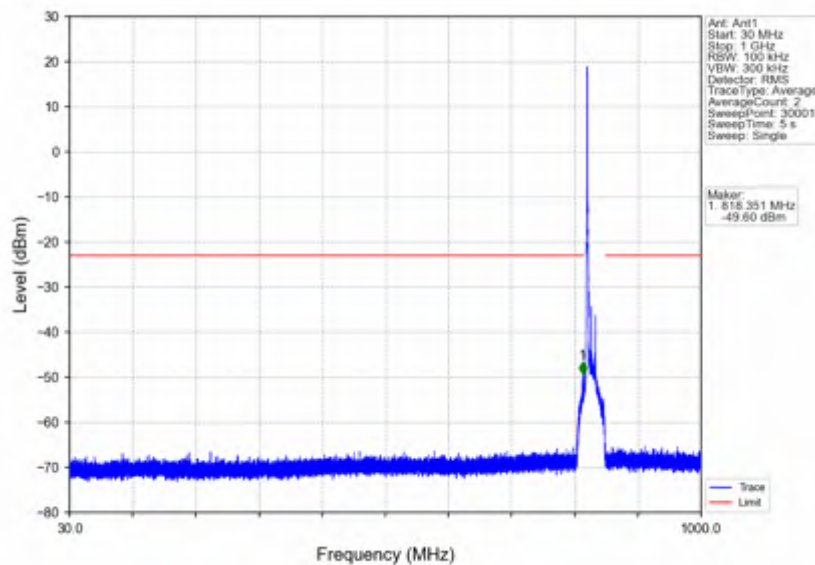
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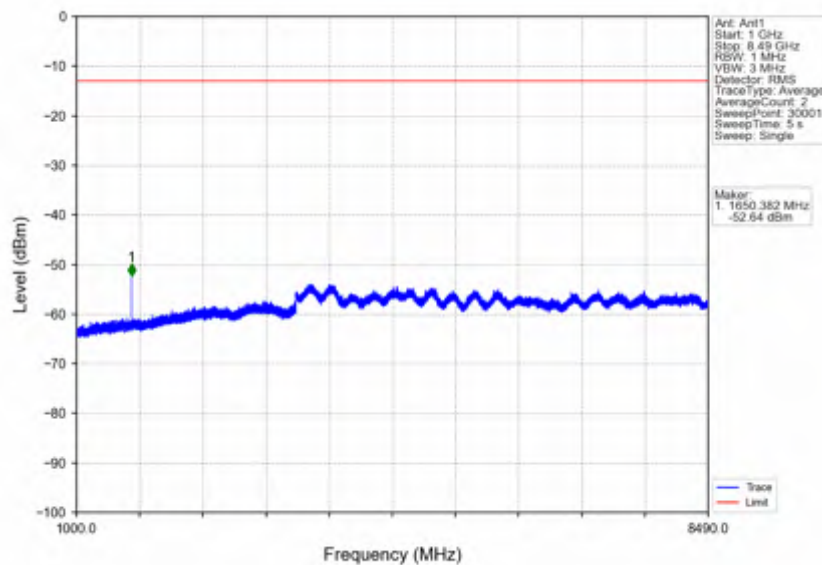
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n5_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_831.5MHz_Inner_1RB_Left



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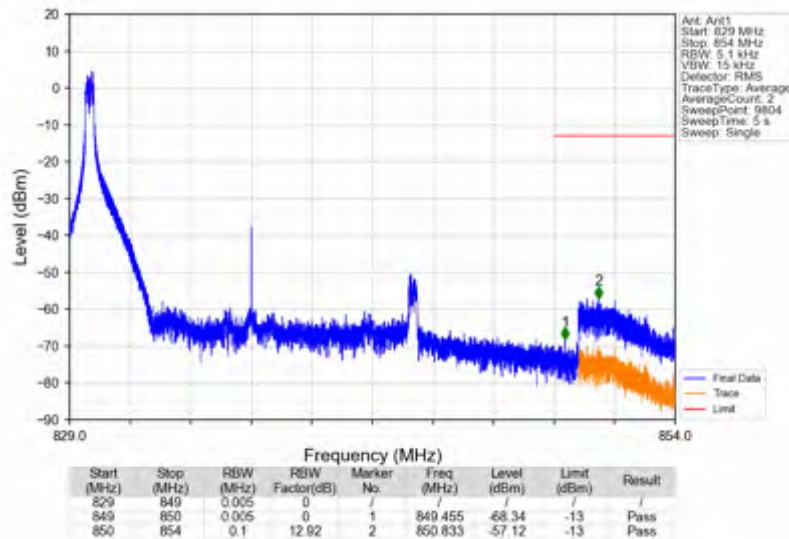
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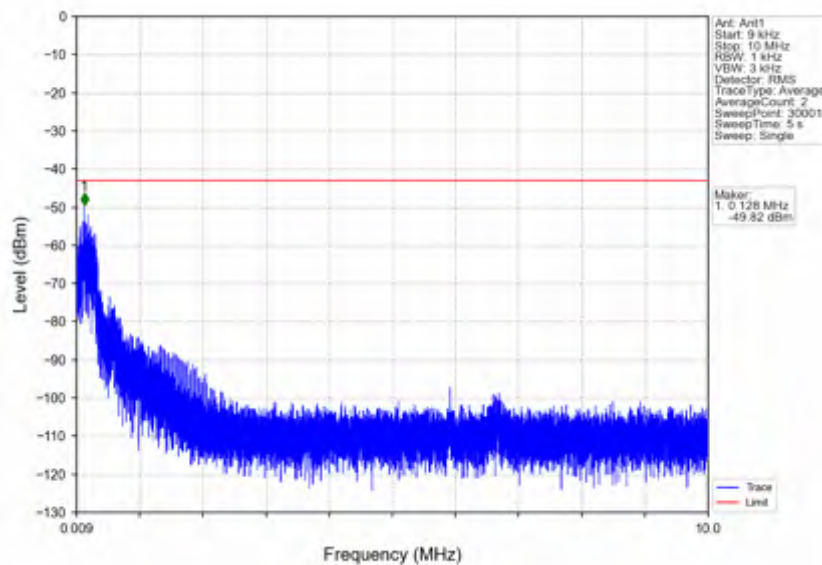
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n5_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left



n5_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left



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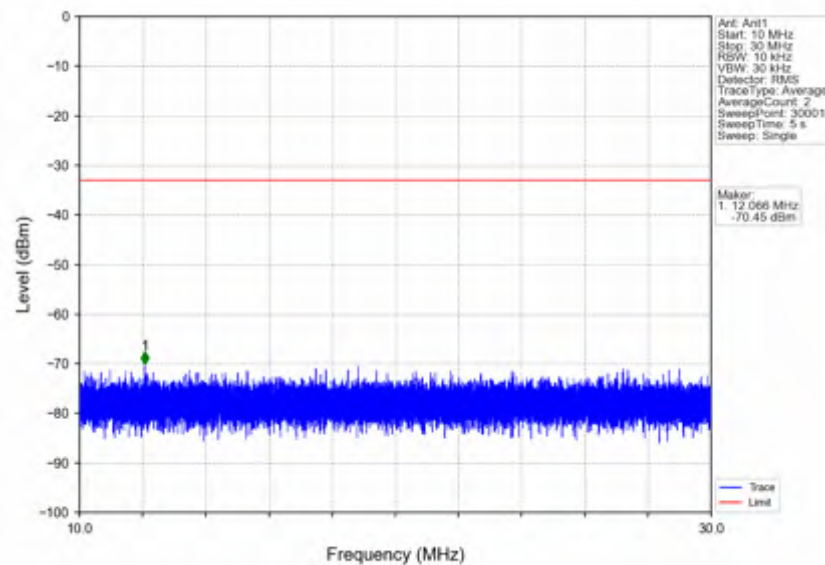
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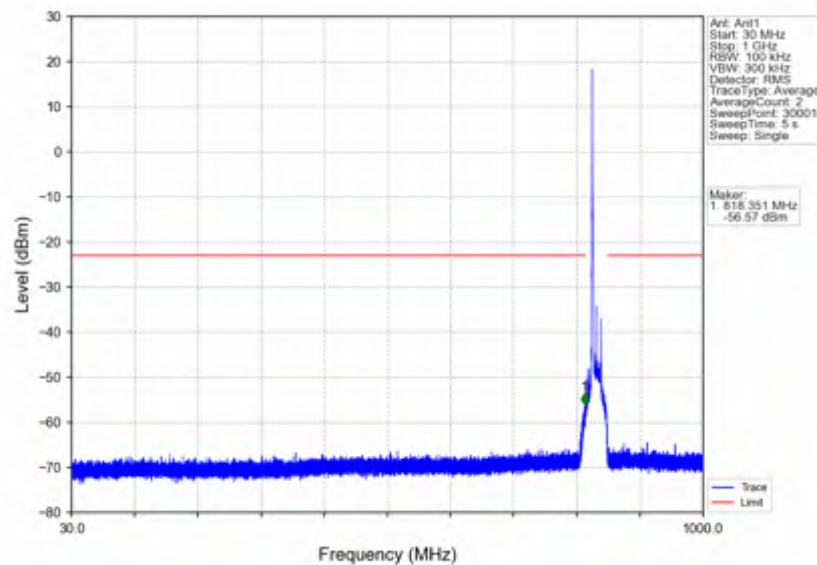
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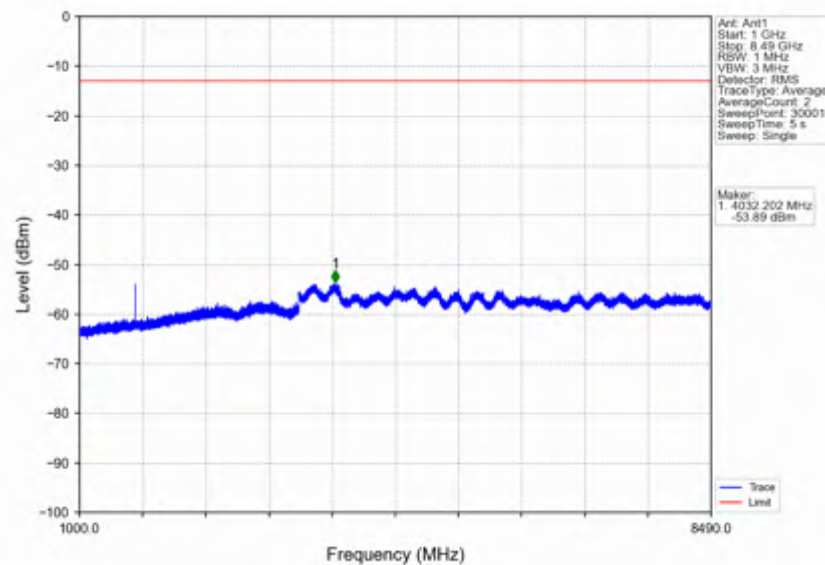
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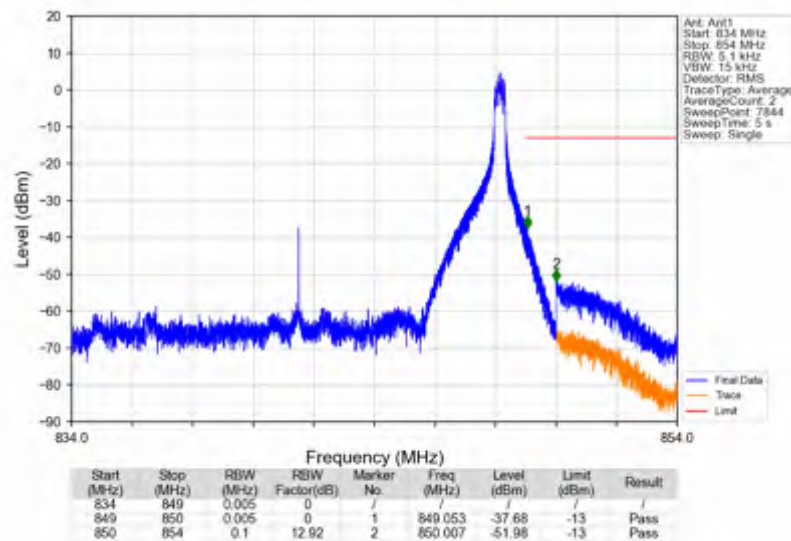
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n5_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_836.5MHz_Edge_1RB_Left



n5 30kHz SISO NTN 15MHz DFT-s-OFDM QPSK 841.5MHz Edge 1RB Right

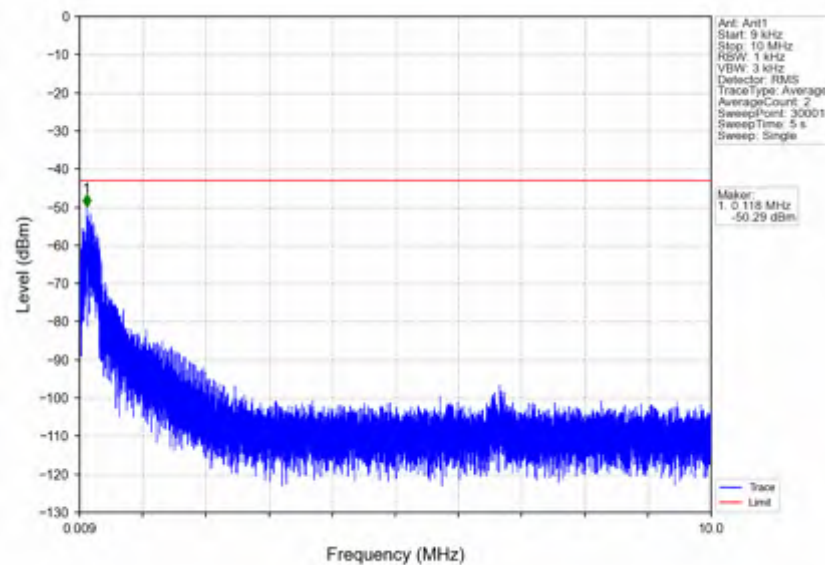


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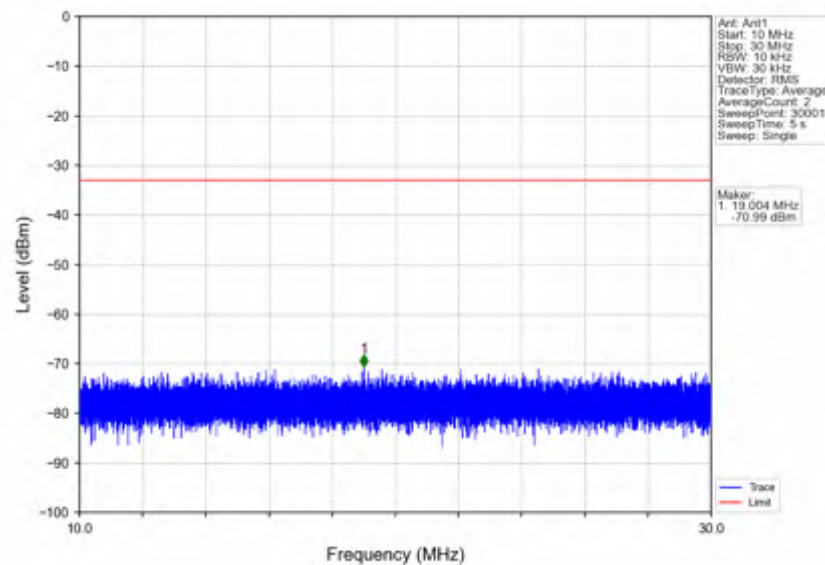
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n5_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK 841.5MHz_Edge_1RB_Right



n5_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK 841.5MHz_Edge_1RB_Right



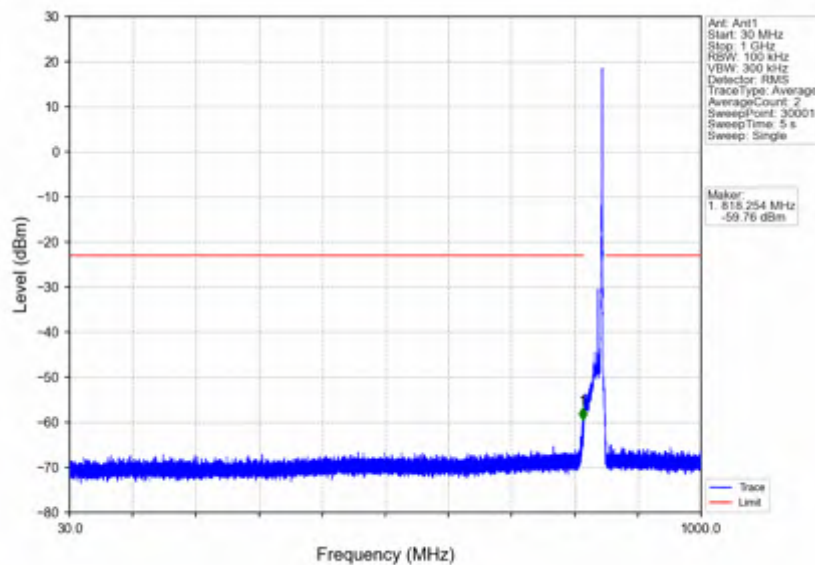
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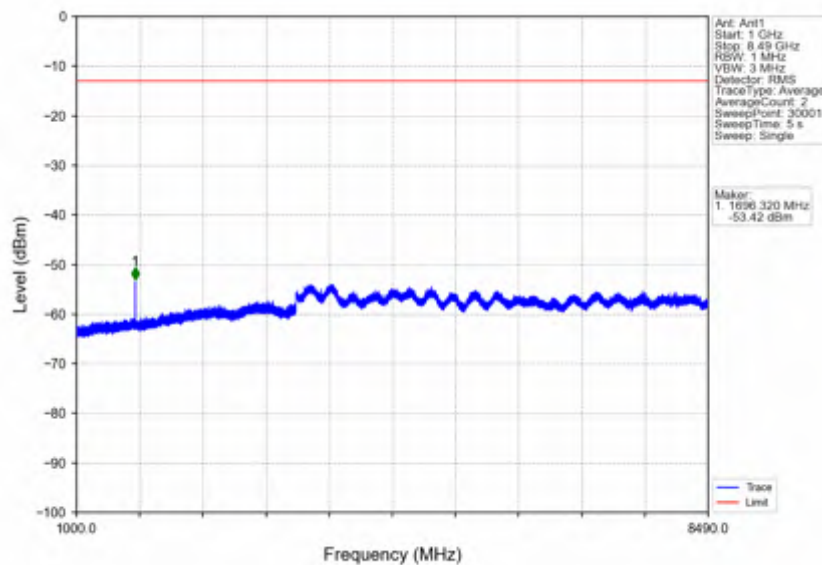
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n5_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK 841.5MHz_Edge_1RB_Right



n5_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK 841.5MHz_Edge_1RB_Right



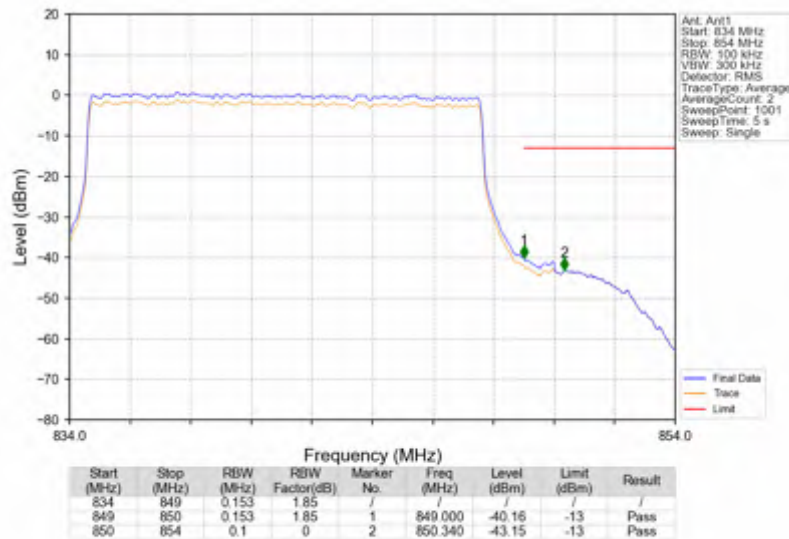
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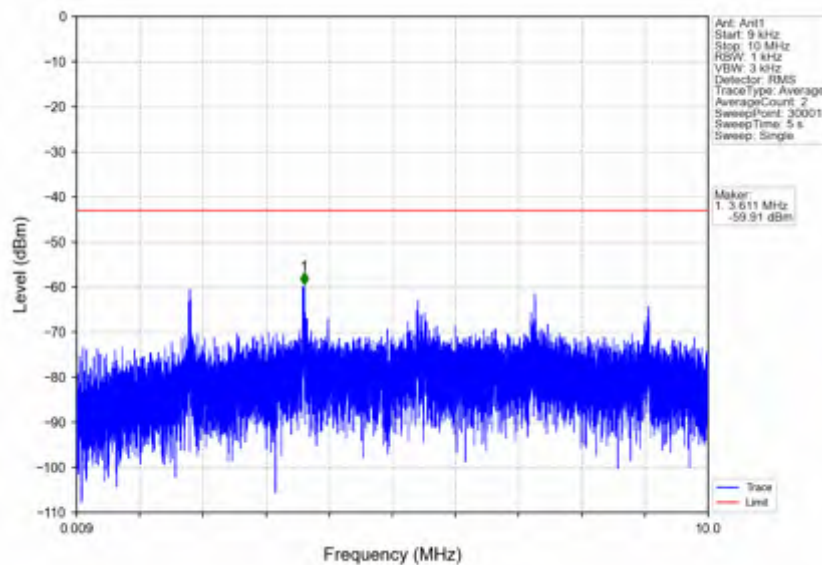
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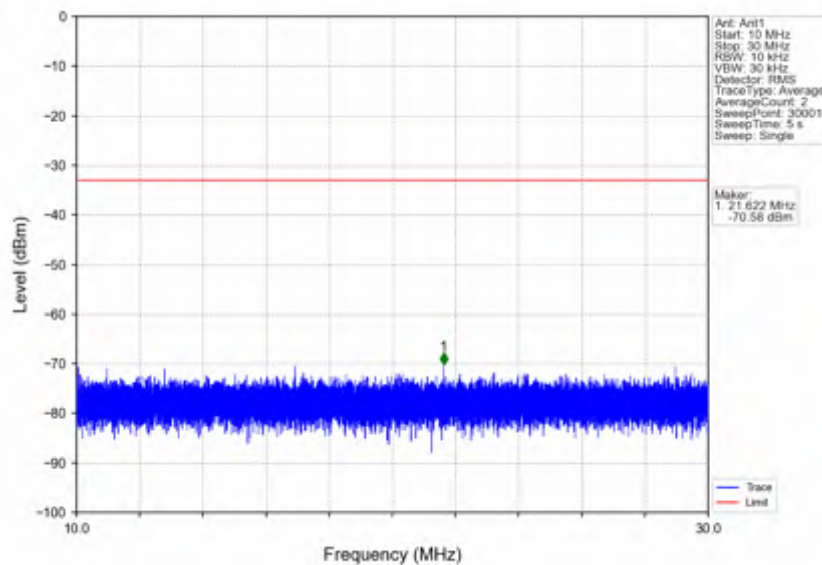
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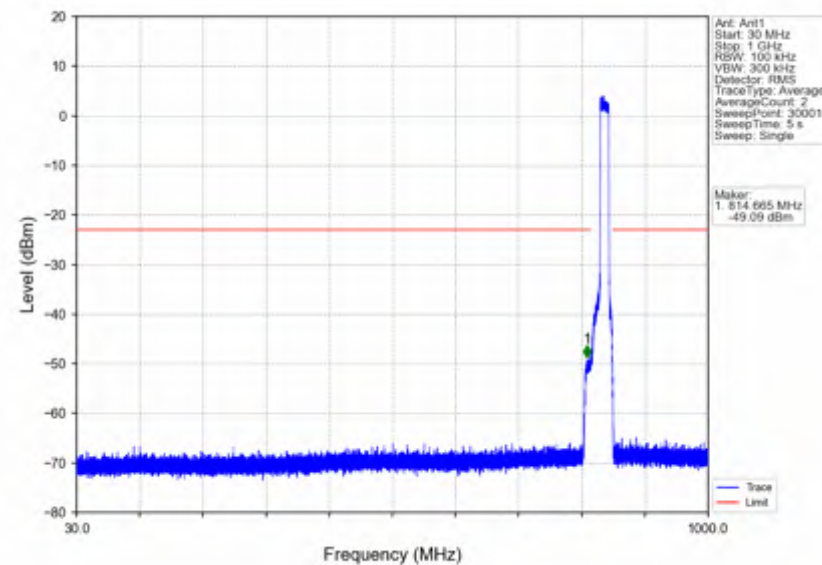
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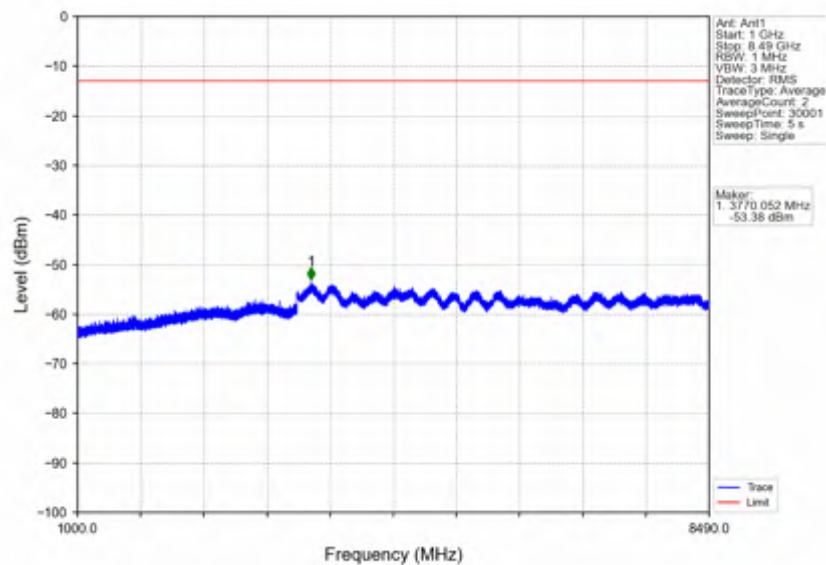
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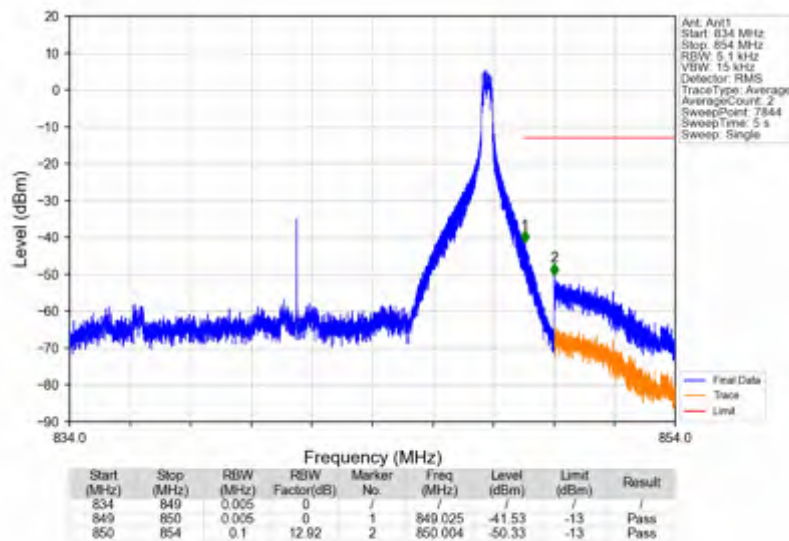
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n5_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Outer_Full



n5 30kHz SISO NTN 15MHz DFT-s-OFDM QPSK 841.5MHz Inner 1RB Right

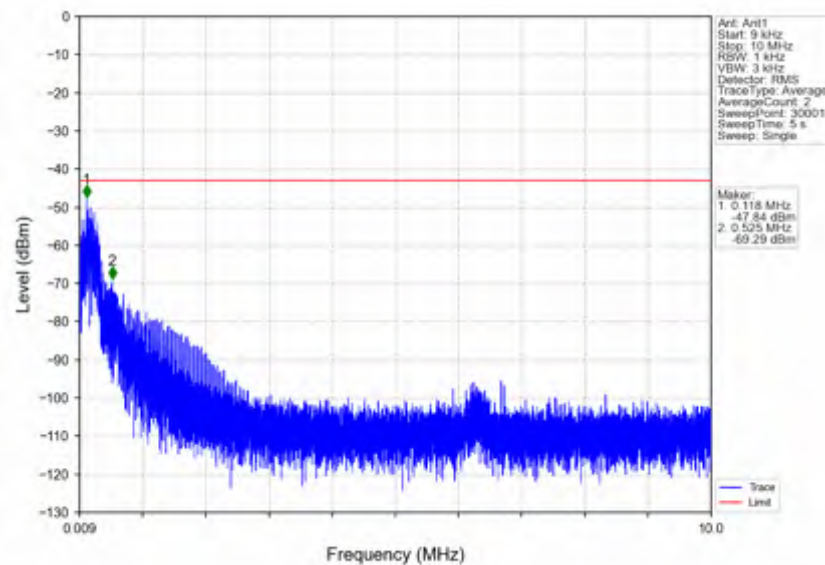


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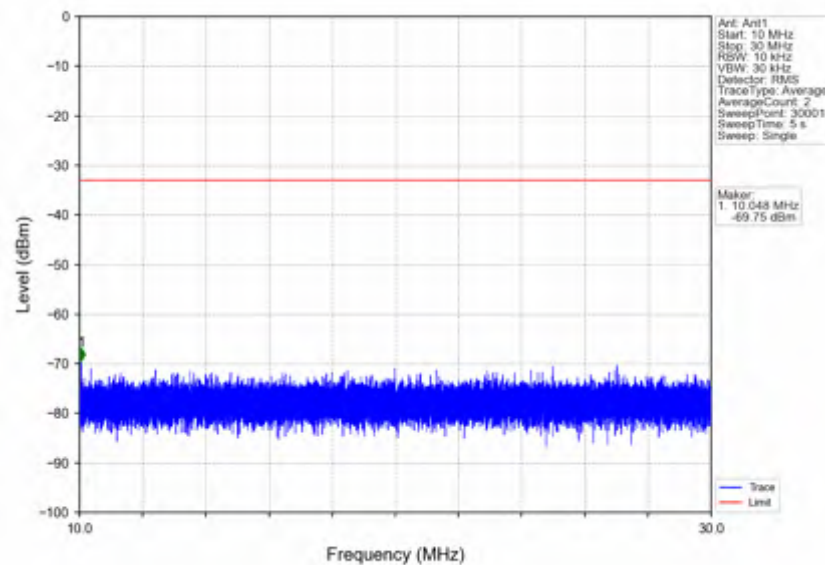
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n5_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK 841.5MHz Inner_1RB_Right



n5_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK 841.5MHz Inner_1RB_Right



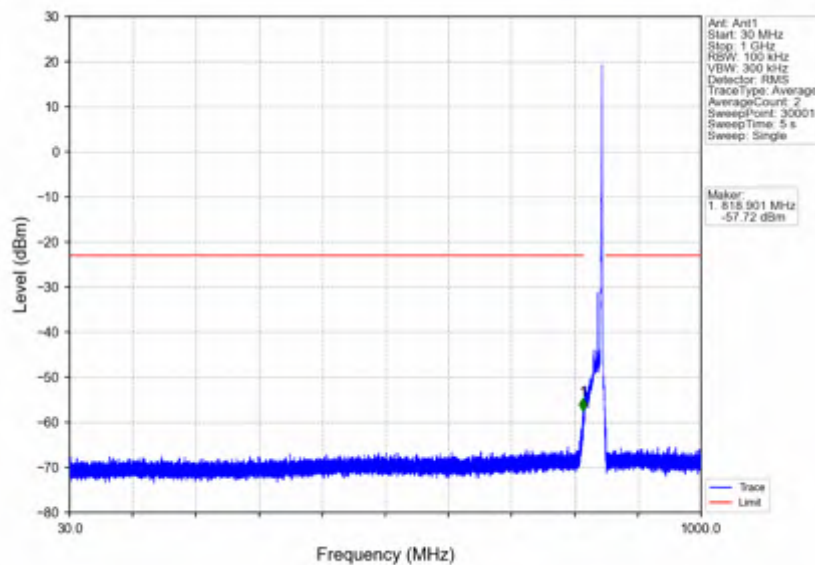
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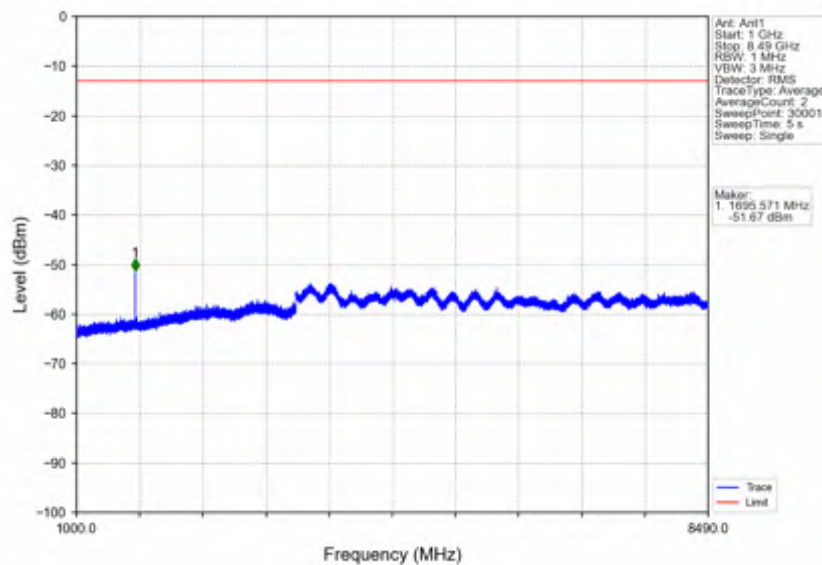
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n5_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_841.5MHz_Inner_1RB_Right



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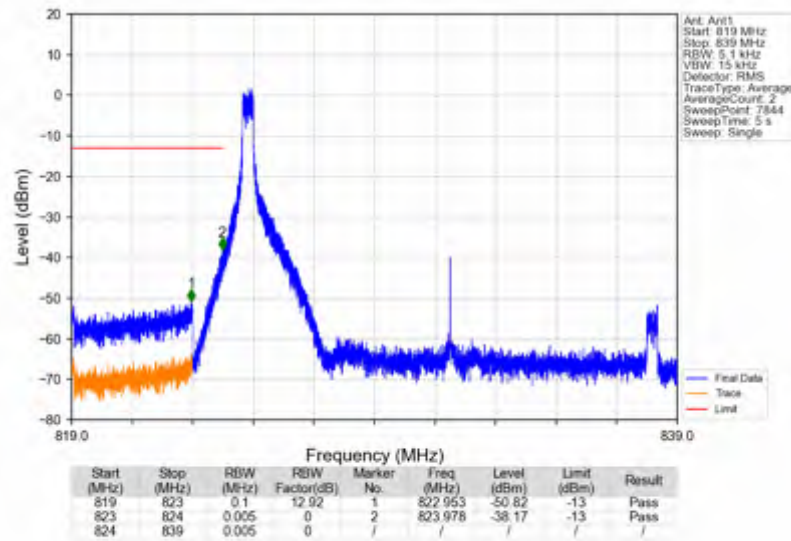


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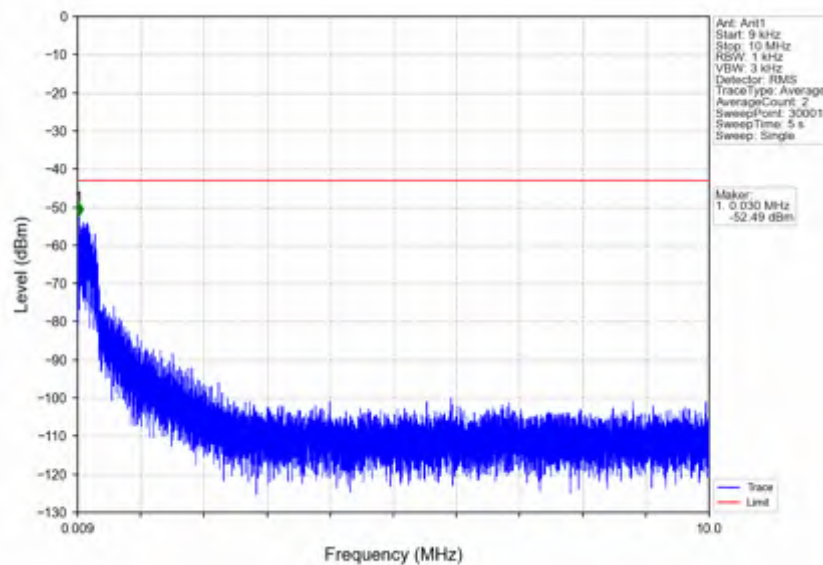
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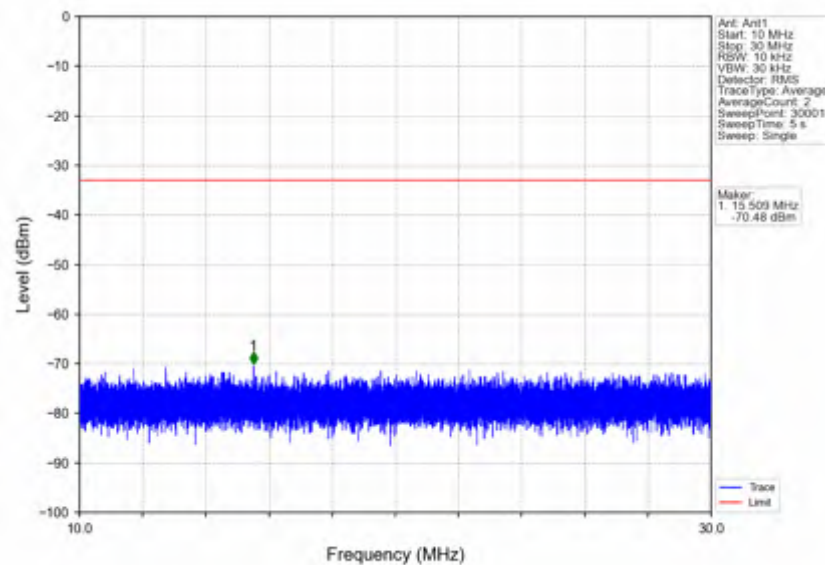
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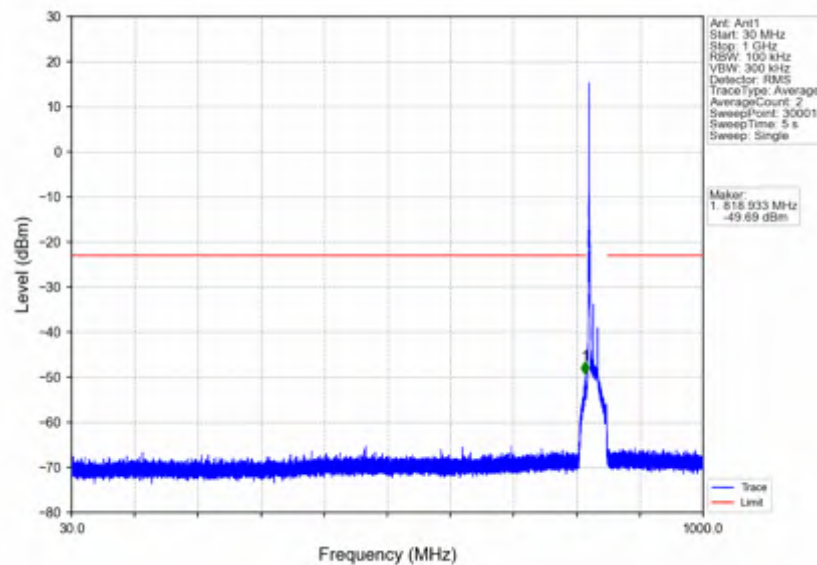
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n5_30kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_831.5MHz_Edge_1RB_Left



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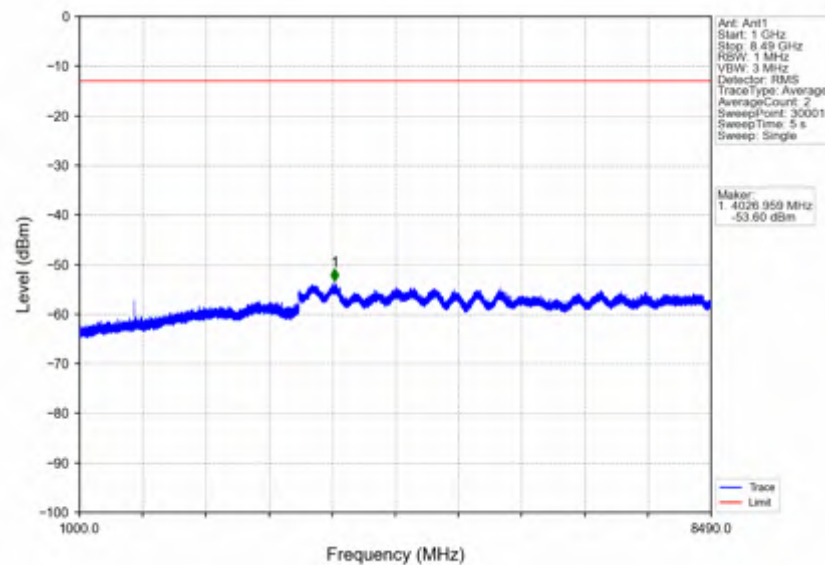
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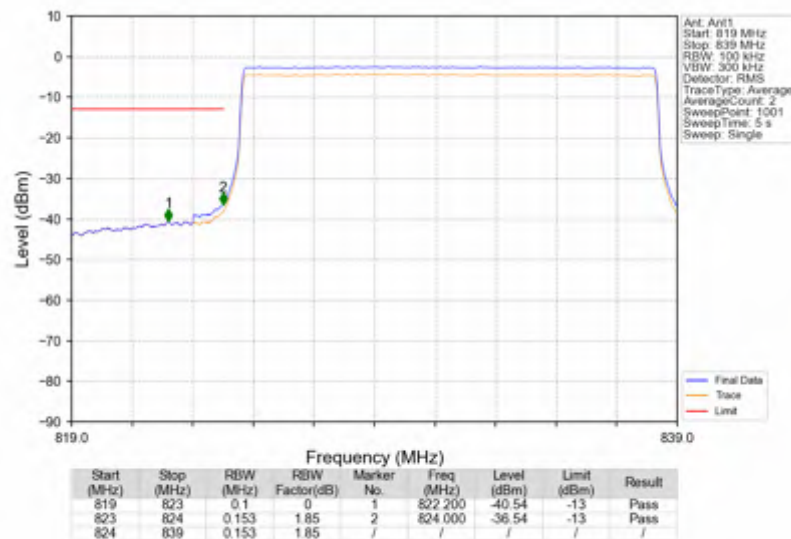
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n5_30kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_831.5MHz_Edge_1RB_Left



n5_30kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_831.5MHz_Outer_Full



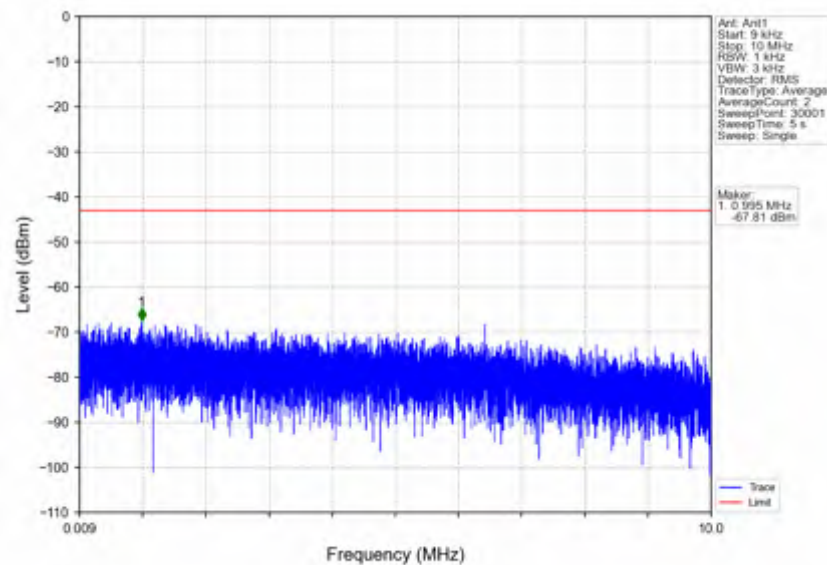
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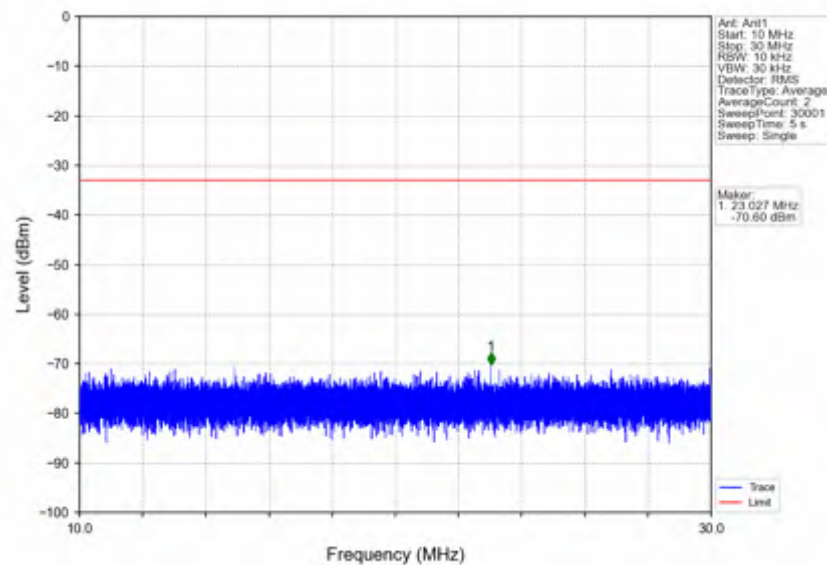
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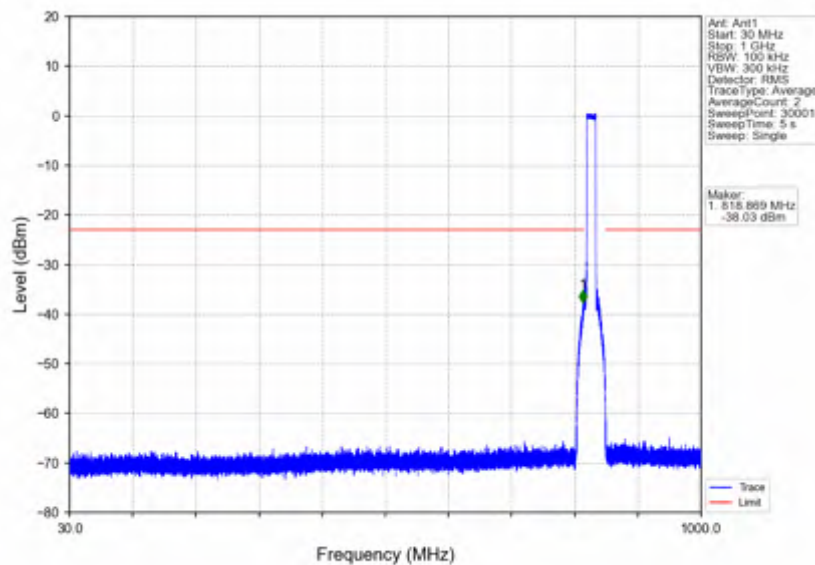
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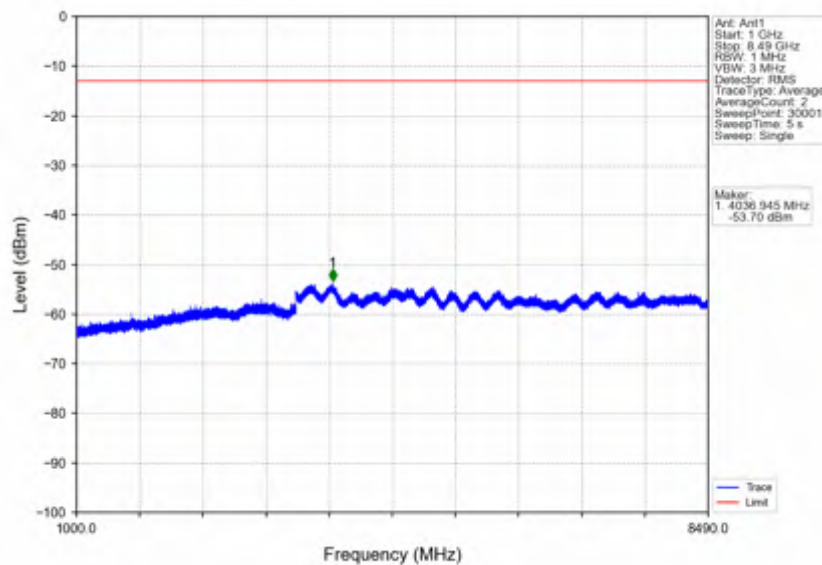
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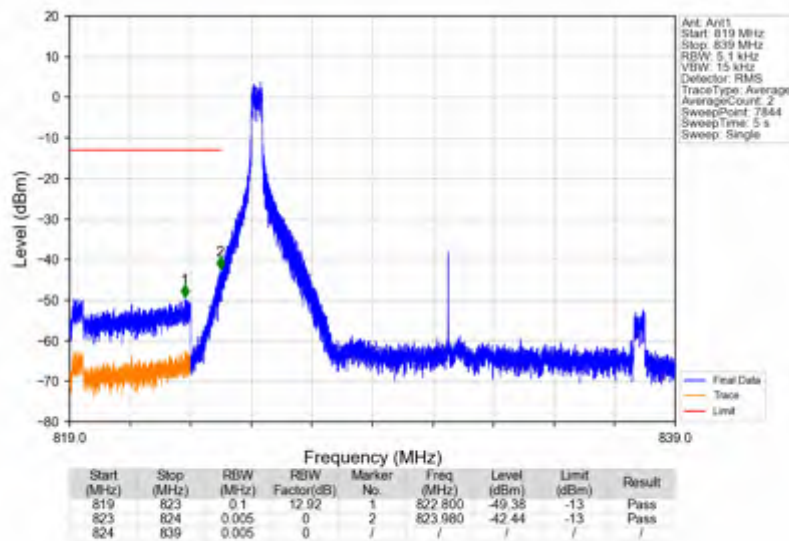
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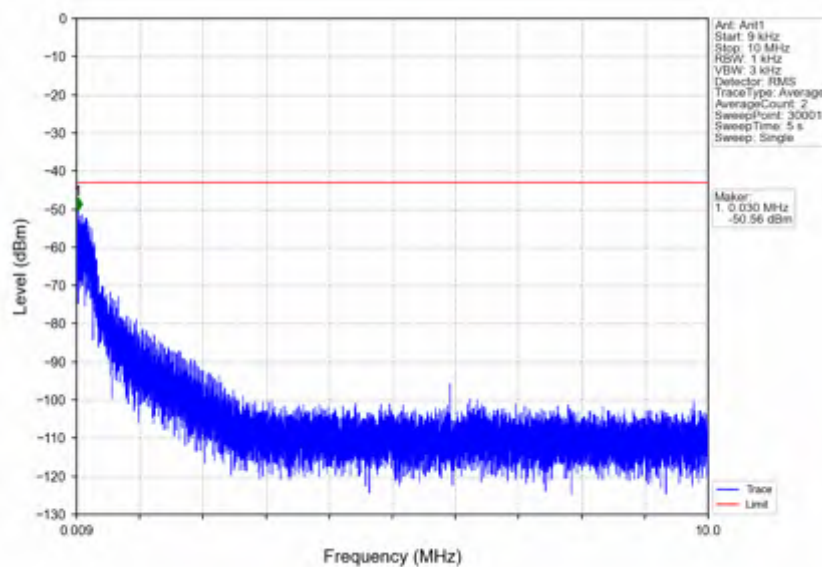
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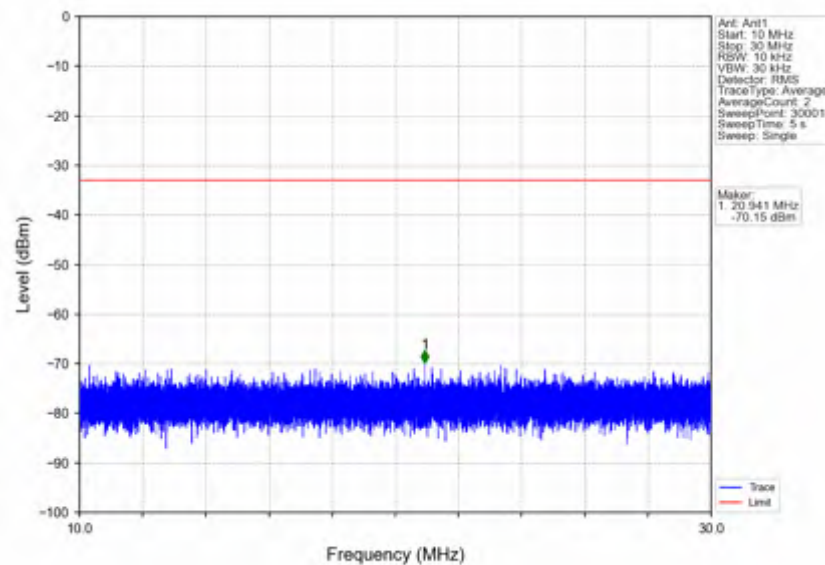
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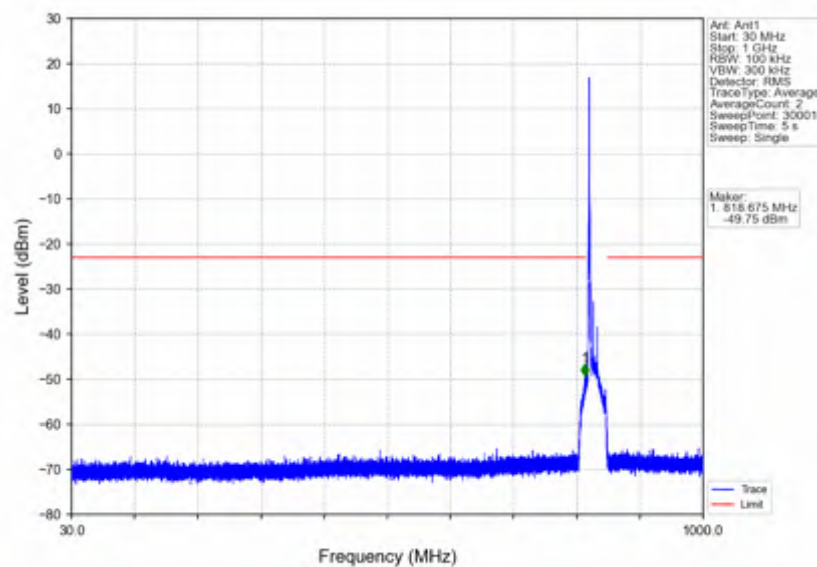
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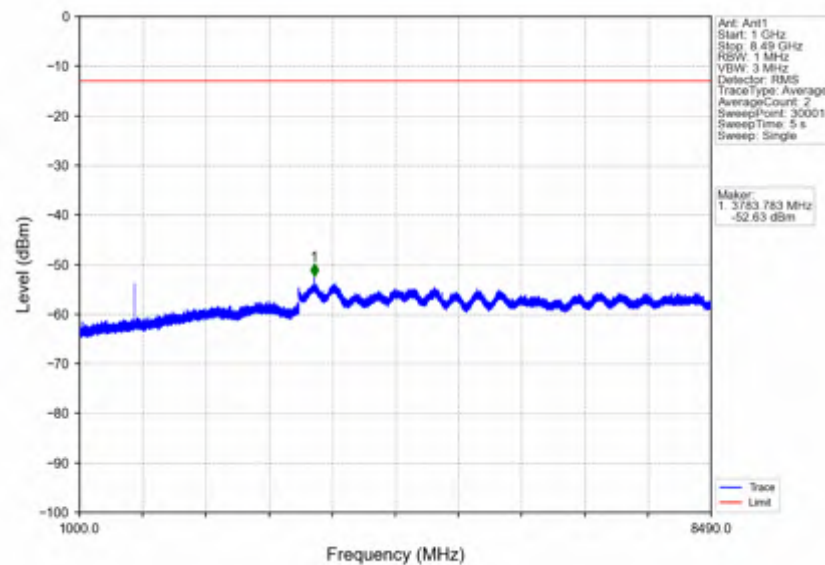
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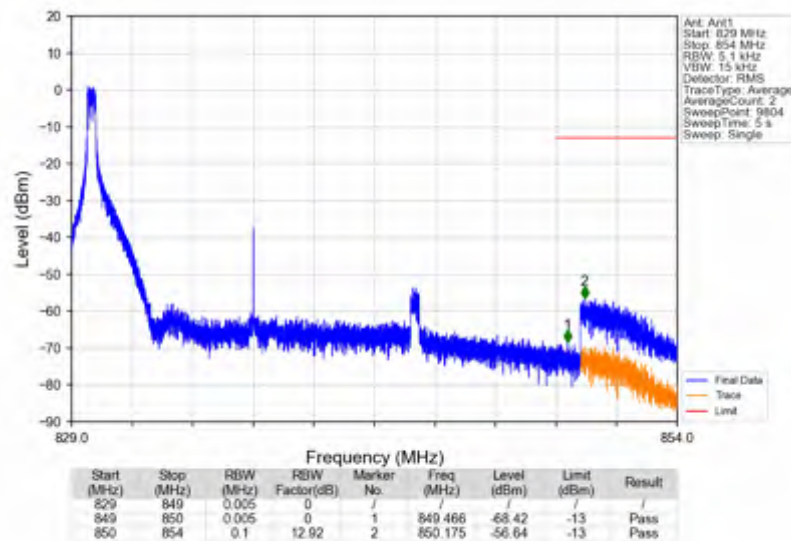
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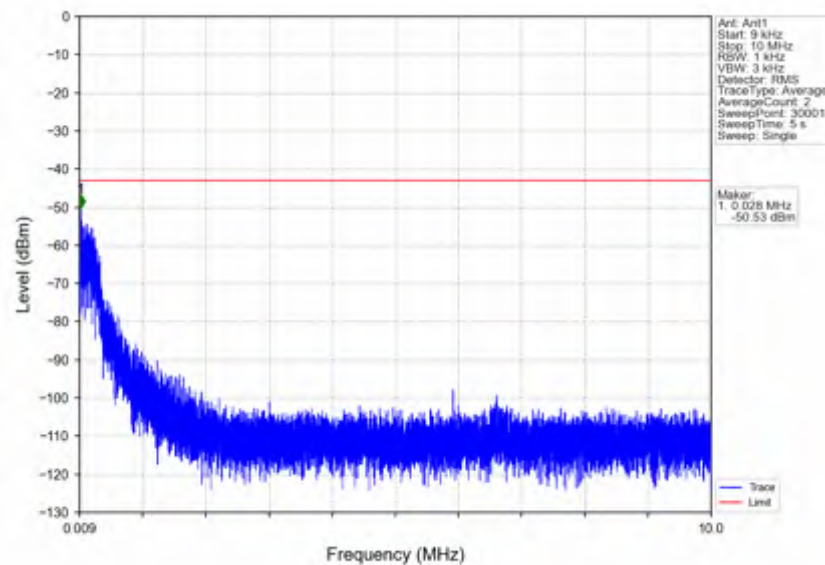
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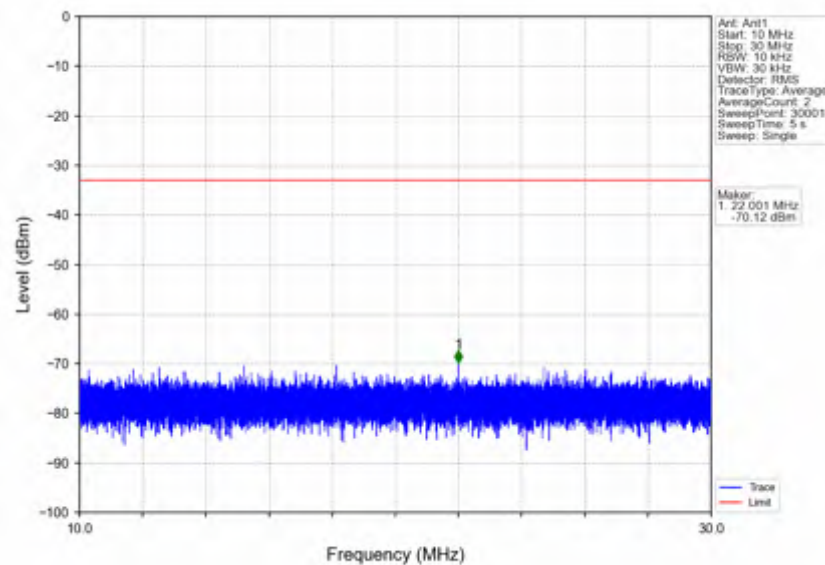
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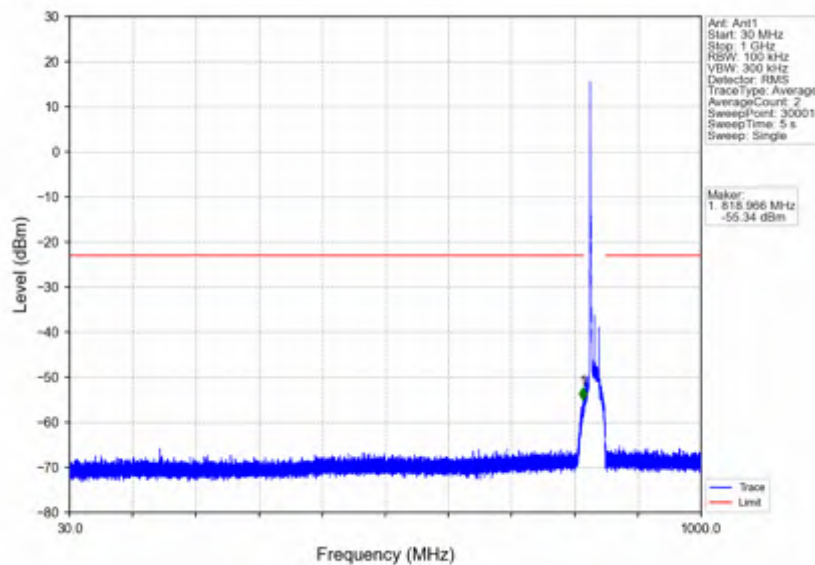


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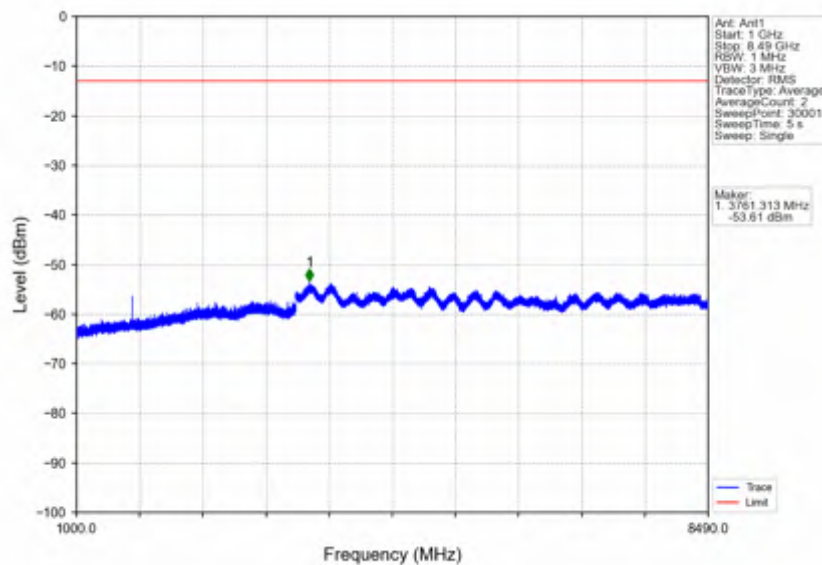
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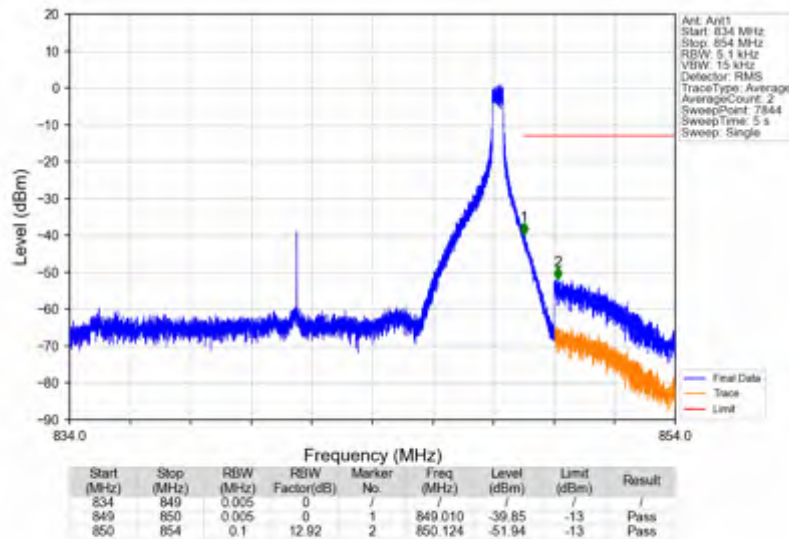
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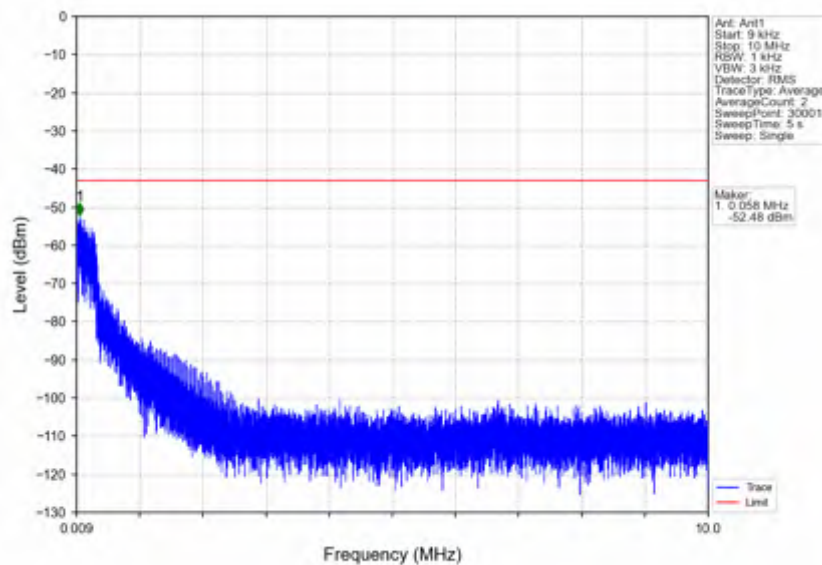
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n5_30kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_841.5MHz_Edge_1RB_Right



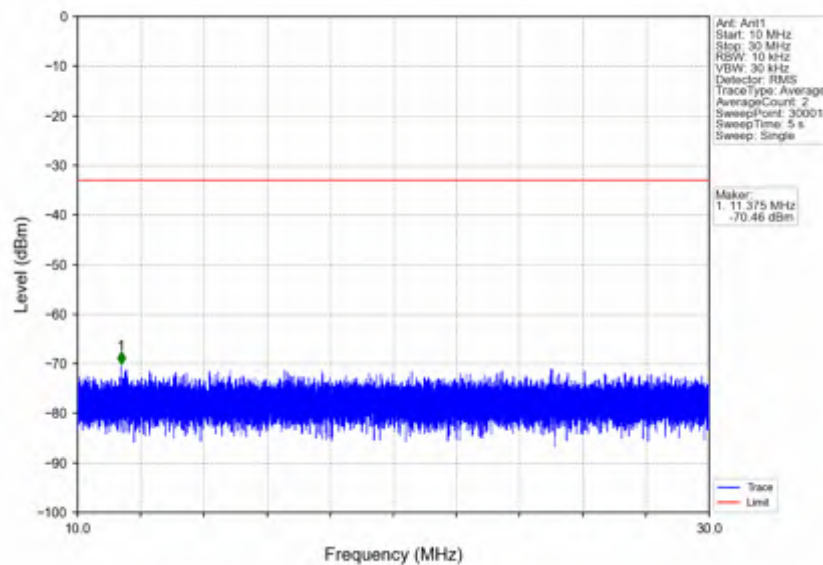
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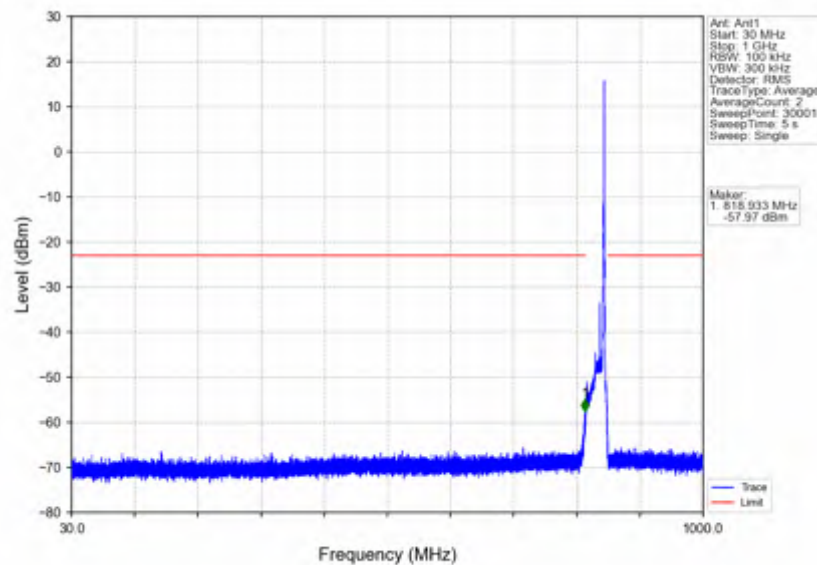
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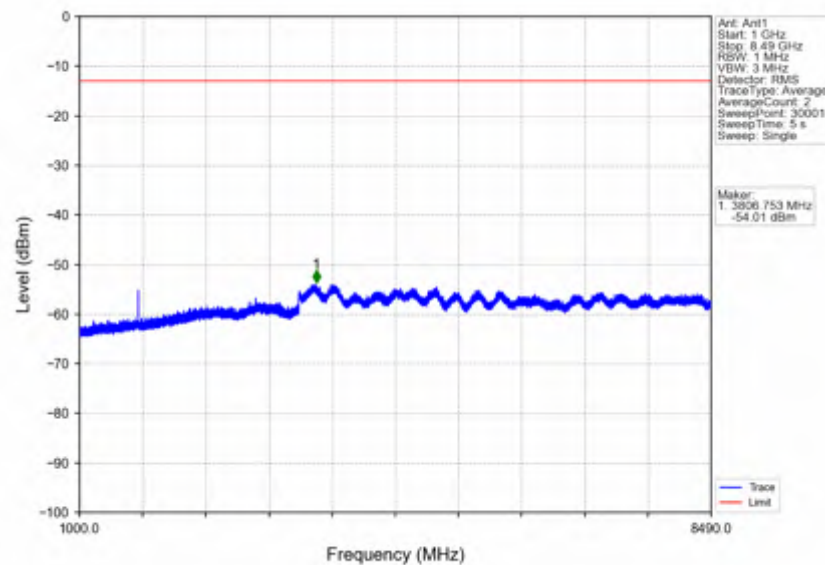
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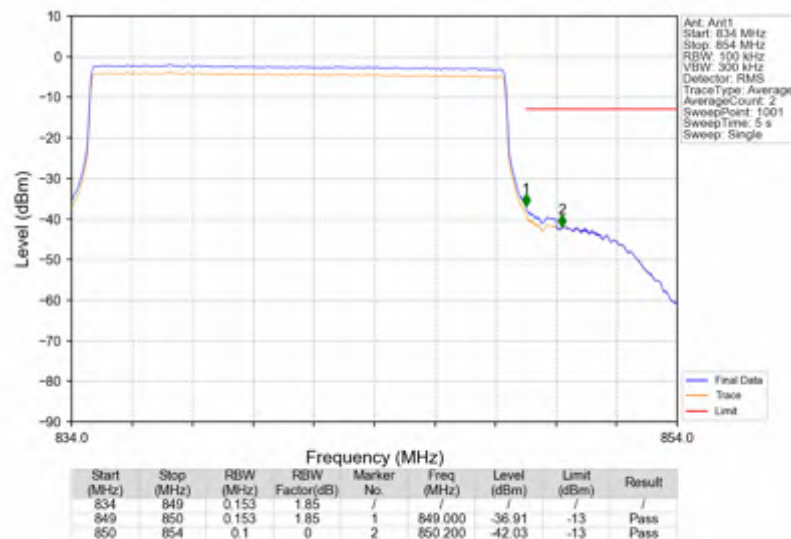
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n5 30kHz SISO NTNv 15MHz CP-OFDM QPSK 841.5MHz Edge 1RB Right



n5	30kHz	SISO	NTNV	15MHz	CP-OFDM	QPSK	841.5MHz	Outer	Full
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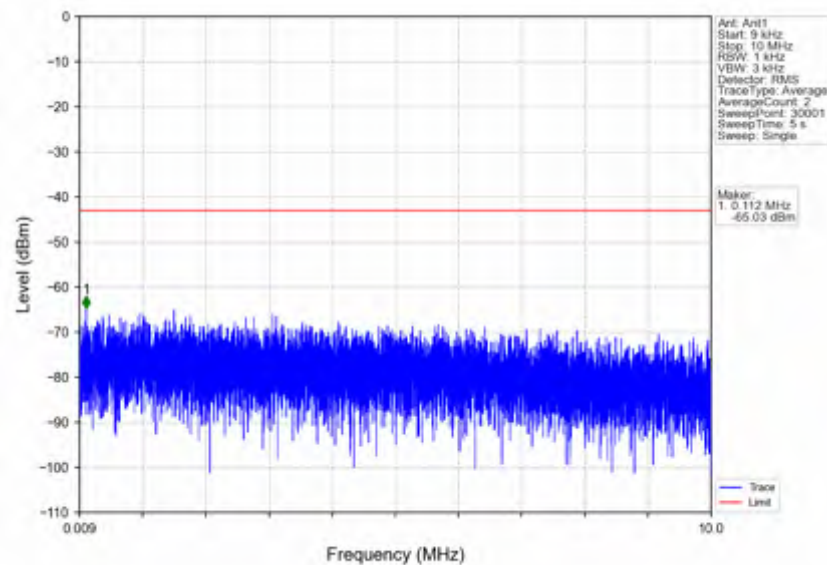


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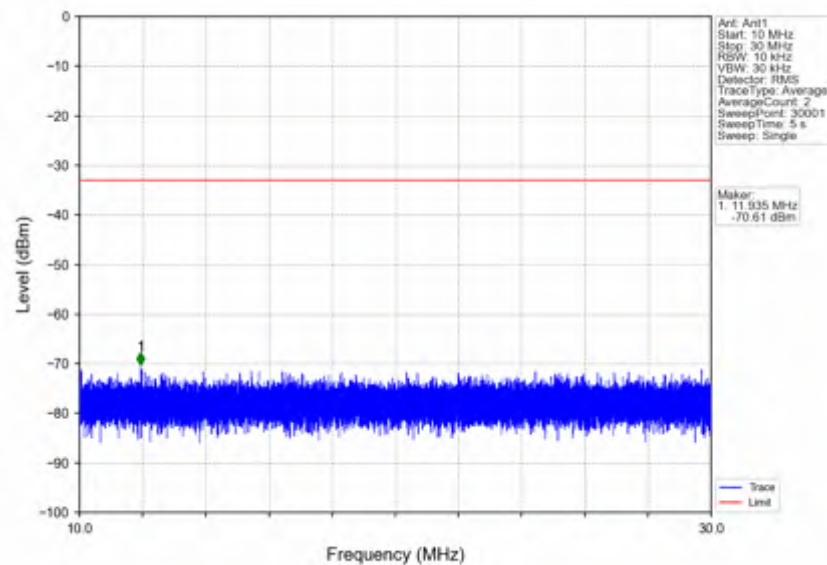
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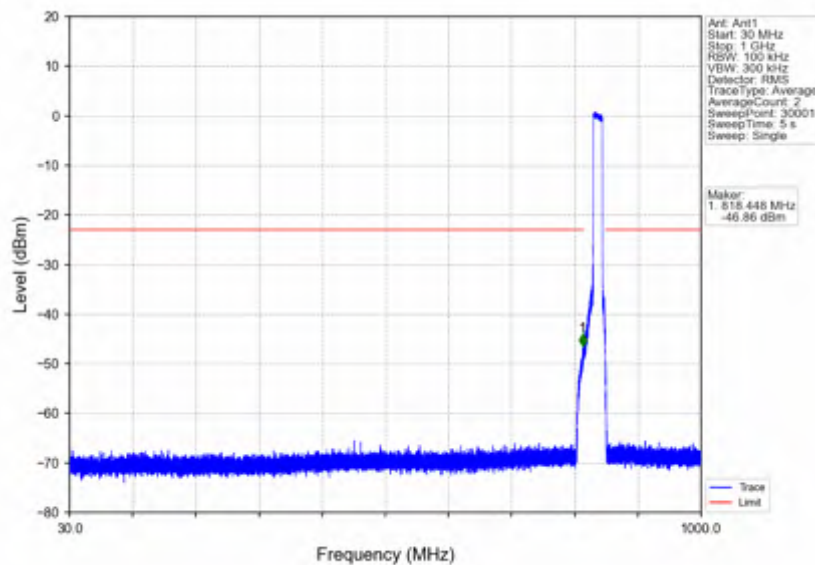


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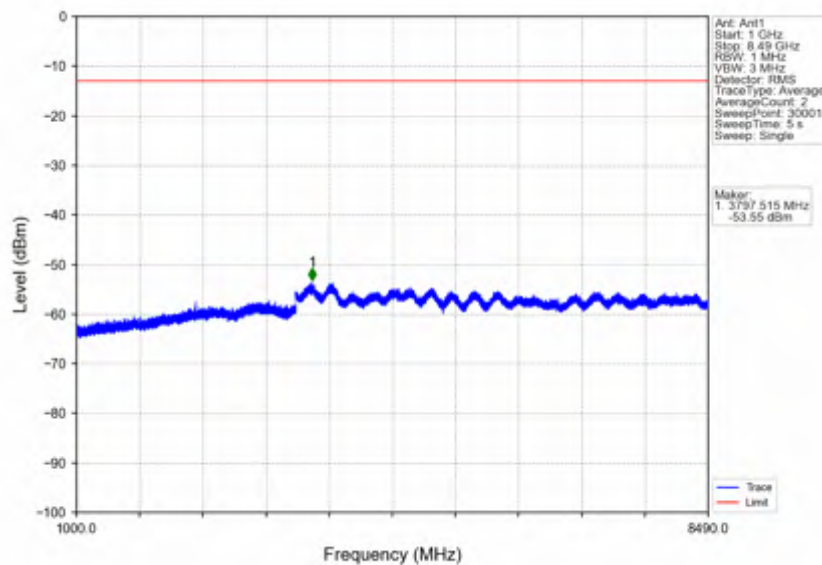
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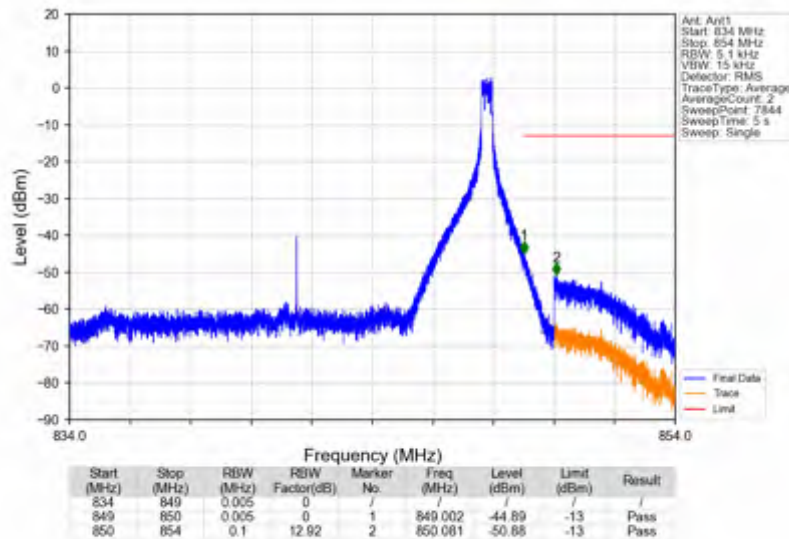
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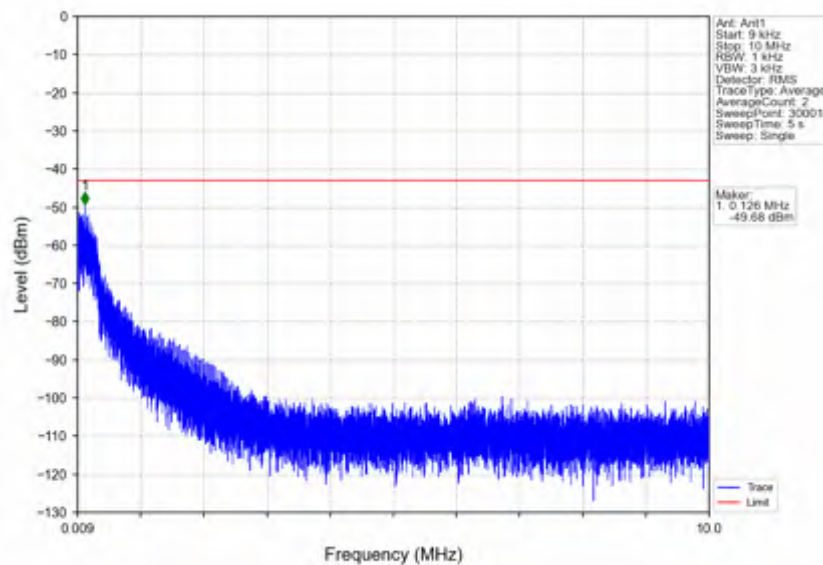
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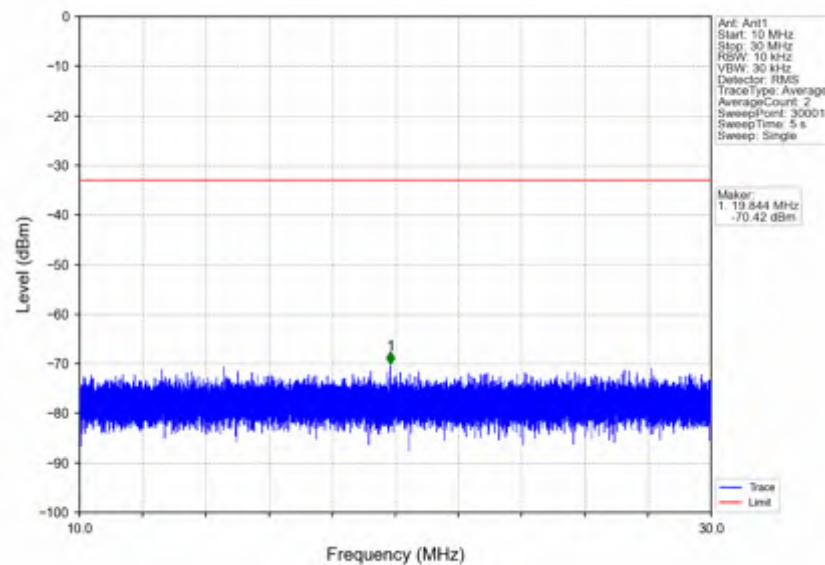
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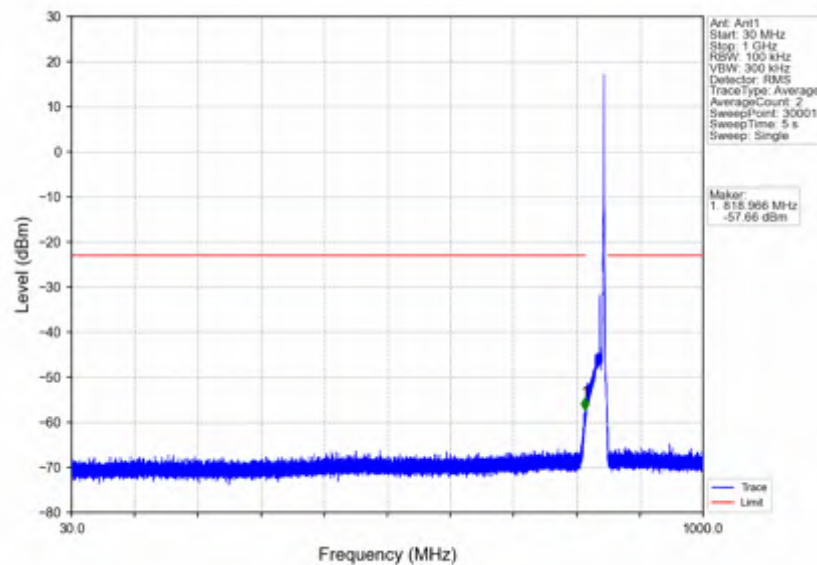
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n5_30kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_841.5MHz_Inner_1RB_Right



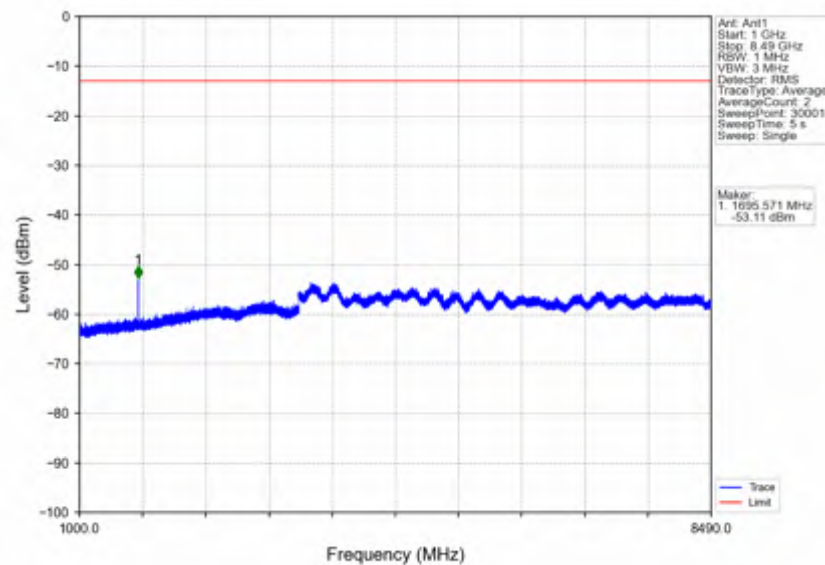
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2.7 30k_SISO_20MHz_NTNV

2.7.1 Test Result

5G NR n5 SCS=30kHz SISO 20MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	834	Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
	836.5	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	834	Inner 1RB Right	Refer To Test Graph			Pass
		Edge 1RB Left	Refer To Test Graph			Pass
		Outer Full	Refer To Test Graph			Pass
	836.5	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	839	Outer Full	Refer To Test Graph			Pass
		Inner 1RB Right	Refer To Test Graph			Pass
		Edge 1RB Left	Refer To Test Graph			Pass
	834	Outer Full	Refer To Test Graph			Pass
		Inner 1RB Left	Refer To Test Graph			Pass
		Edge 1RB Left	Refer To Test Graph			Pass



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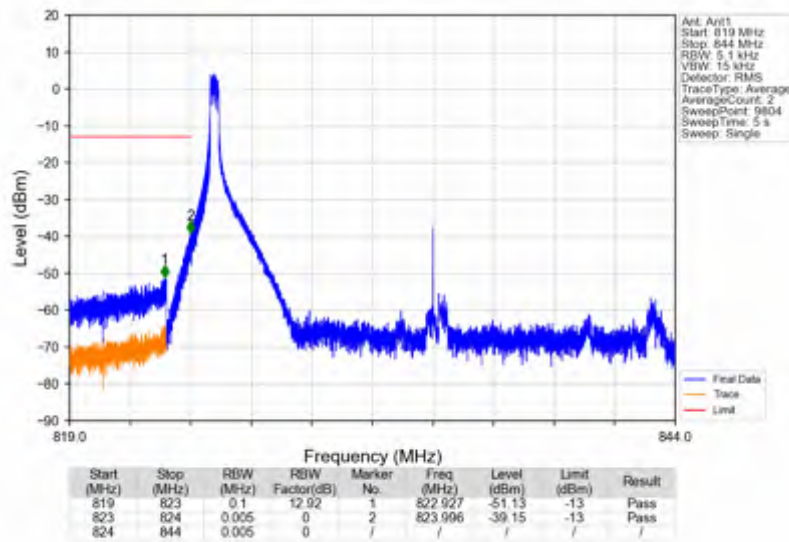
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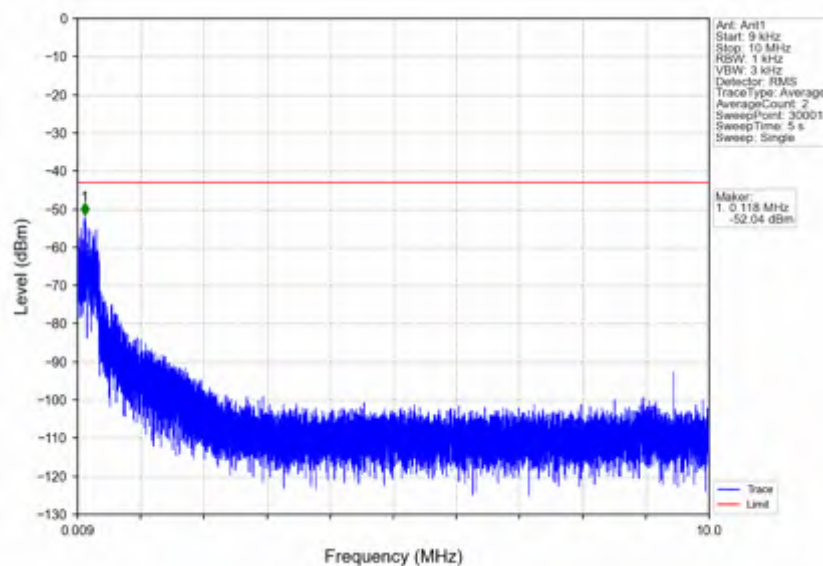
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2.7.2 Test Graph

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n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_834MHz_Edge_1RB_Left



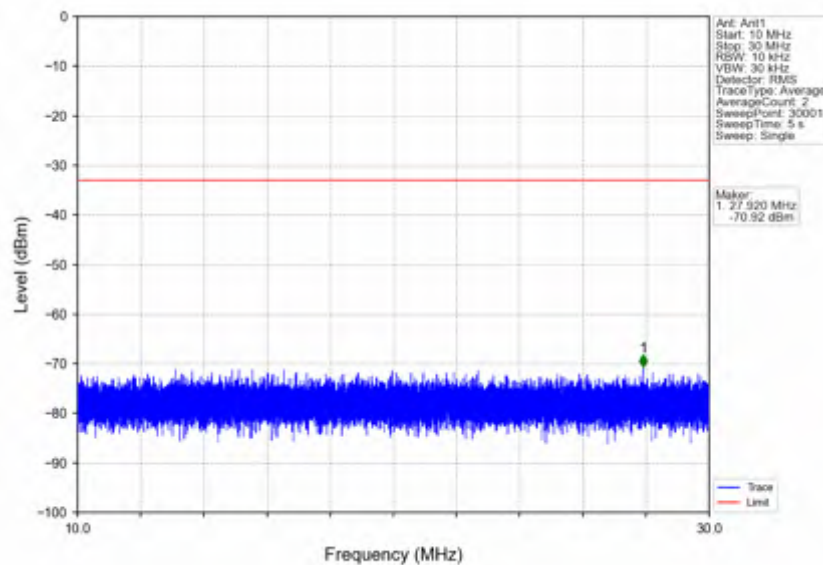
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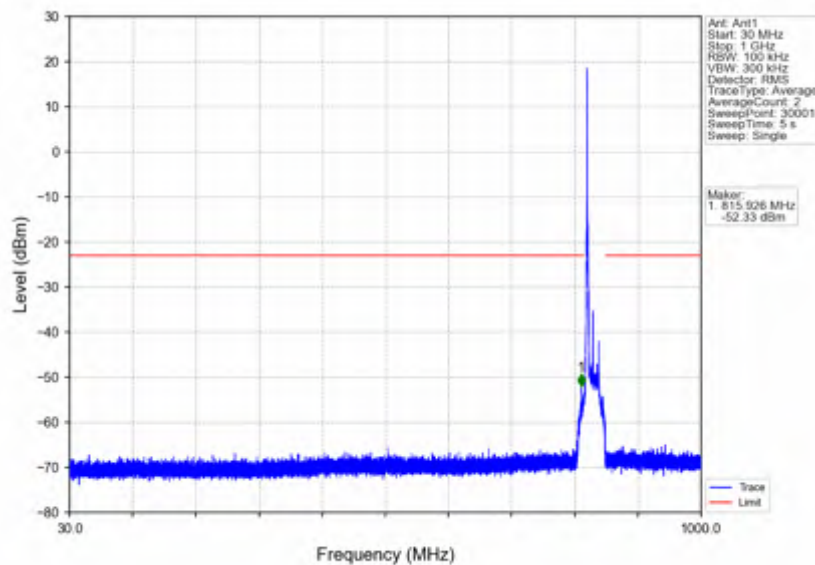
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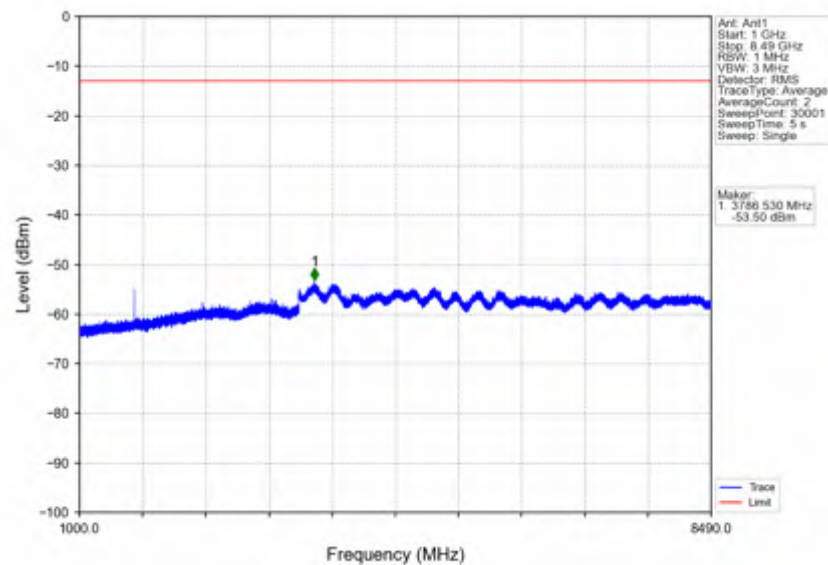
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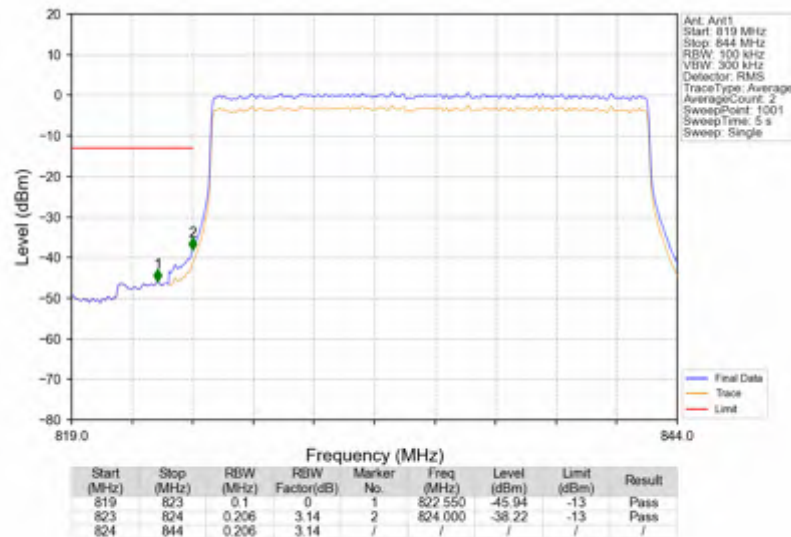
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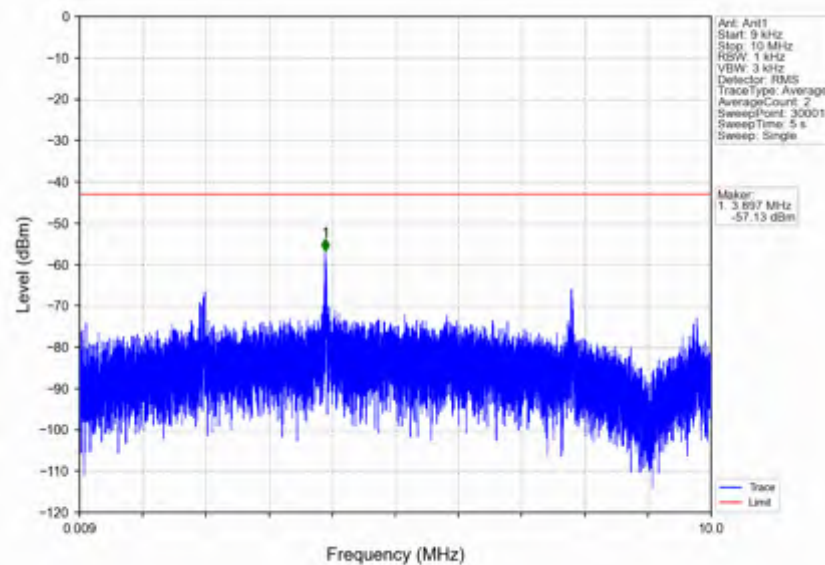
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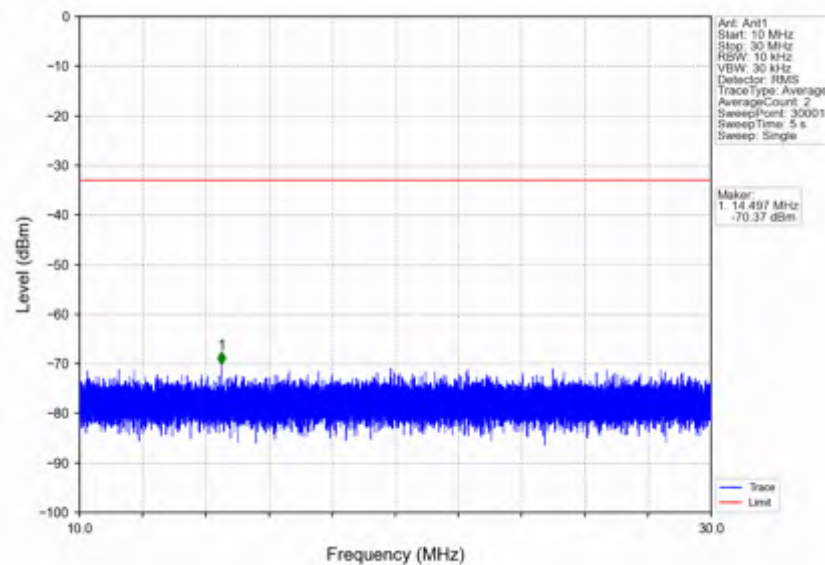
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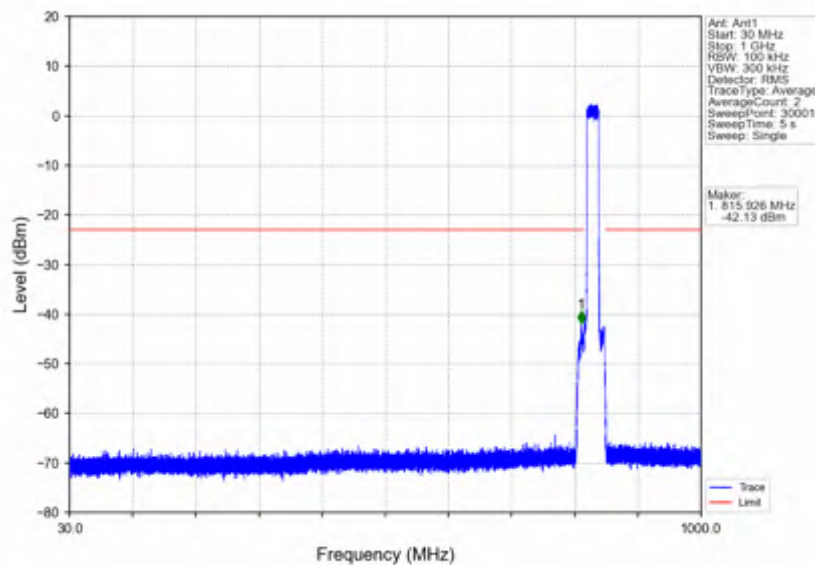
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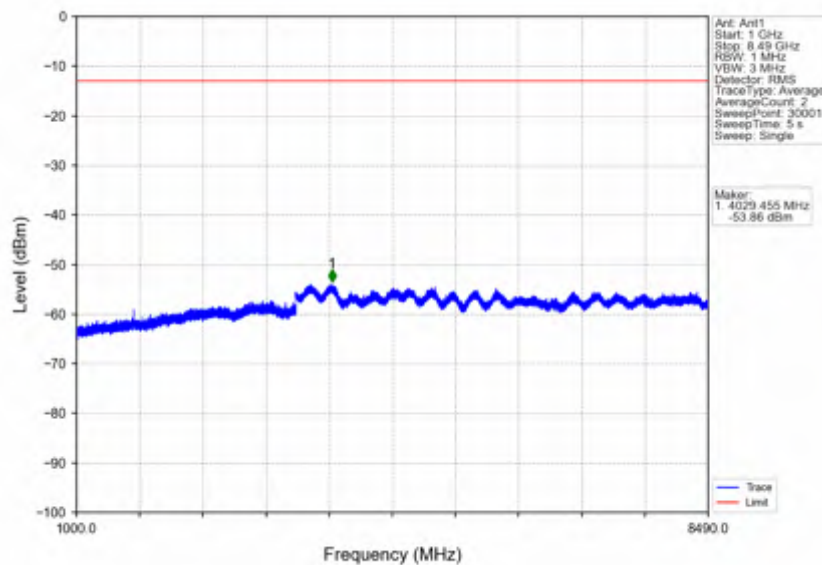
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n5 30kHz SISO NTV 20MHz DFT-s-OFDM PI/2 BPSK 834MHz Outer Full



n5 30kHz SISO NTV 20MHz DFT-s-OFDM PI/2 BPSK 834MHz Outer Full

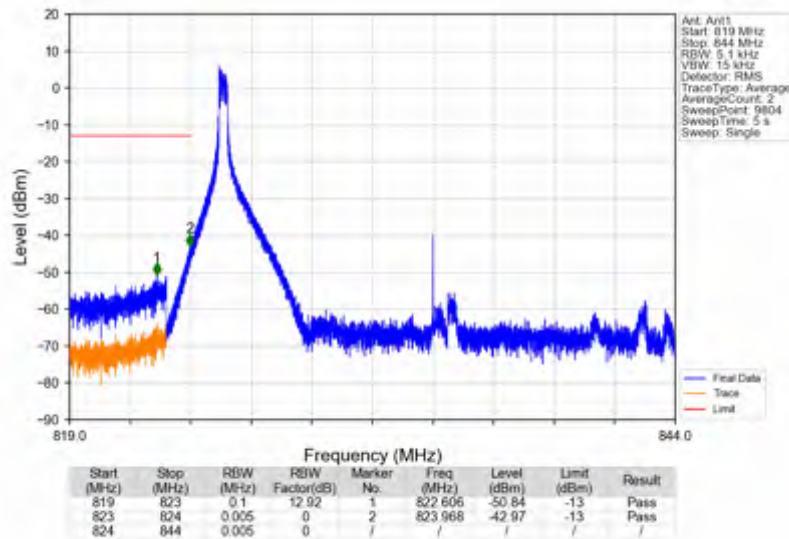


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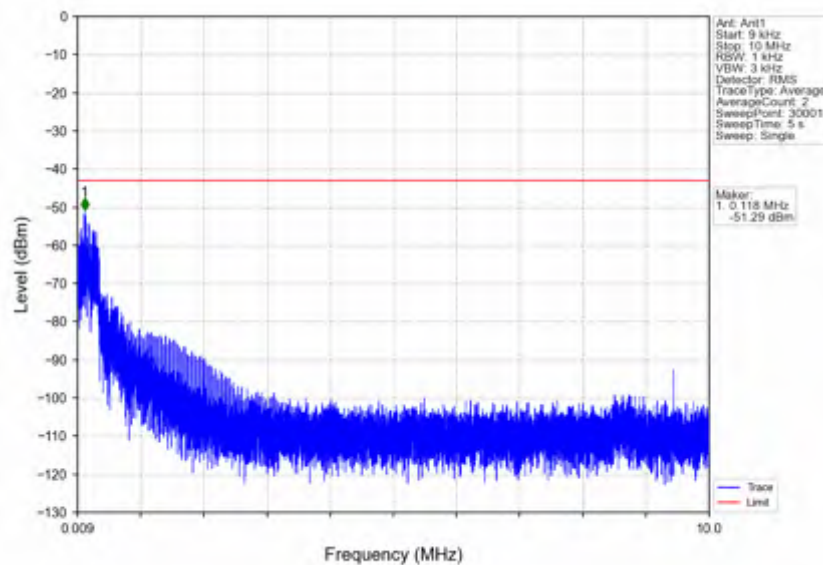
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n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_834MHz_Inner_1RB_Left



n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_834MHz_Inner_1RB_Left



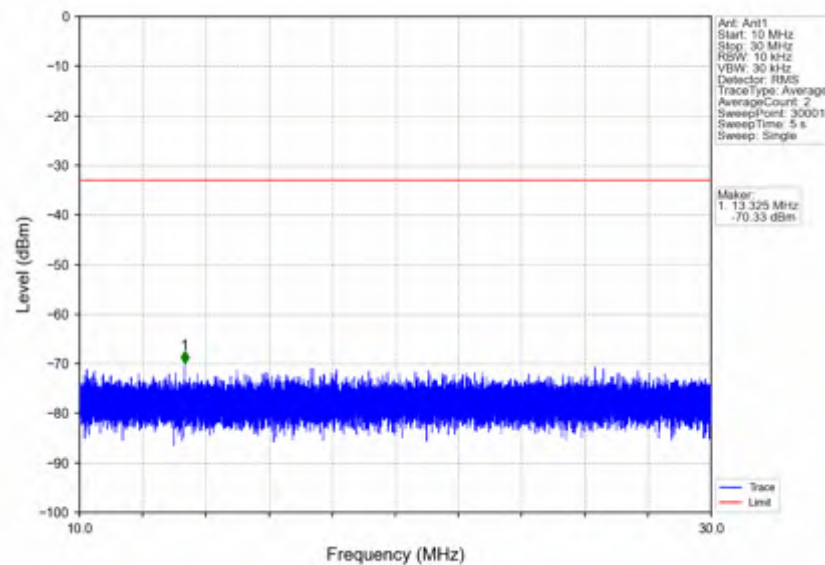
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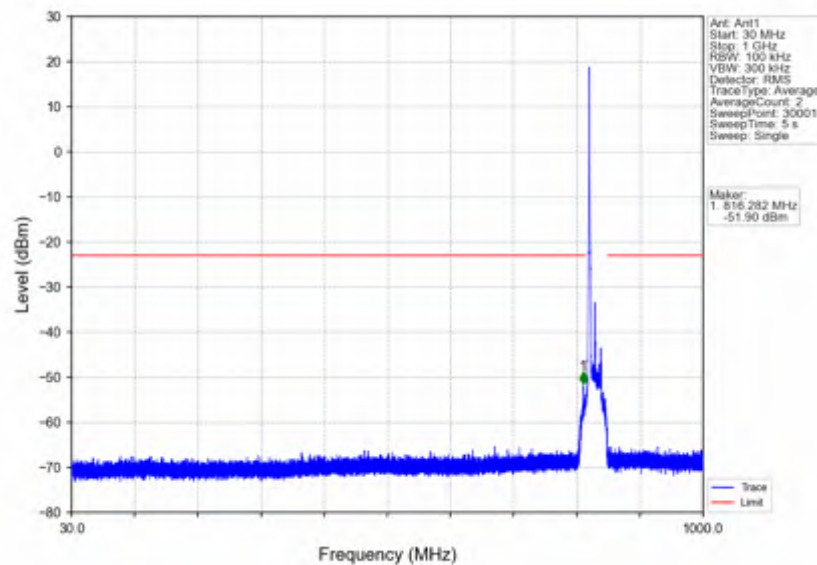
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n5 30kHz SISO NTNv 20MHz DFT-s-OFDM PI/2 BPSK 834MHz Inner 1RB Left



n5	30kHz	SISO	NTNV	20MHz	DFT-s-OFDM	PI/2	BPSK	834MHz	Inner	1RB	Left
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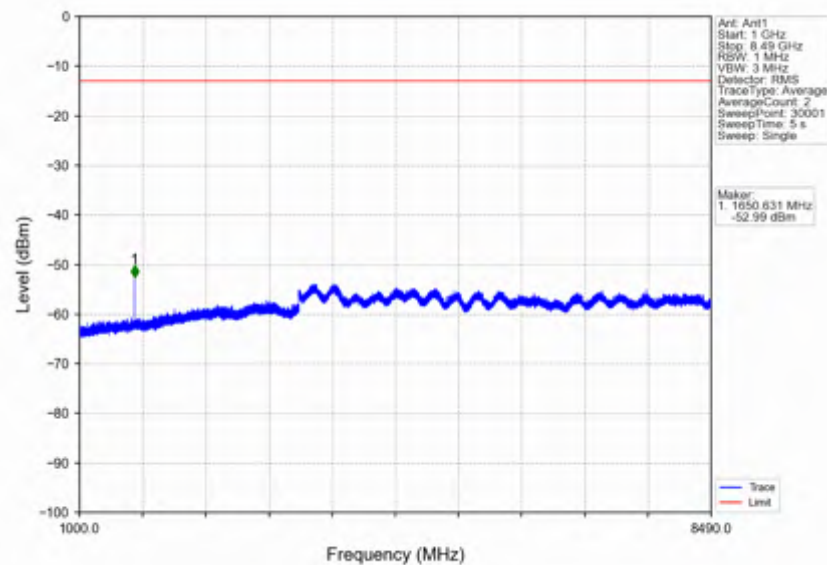
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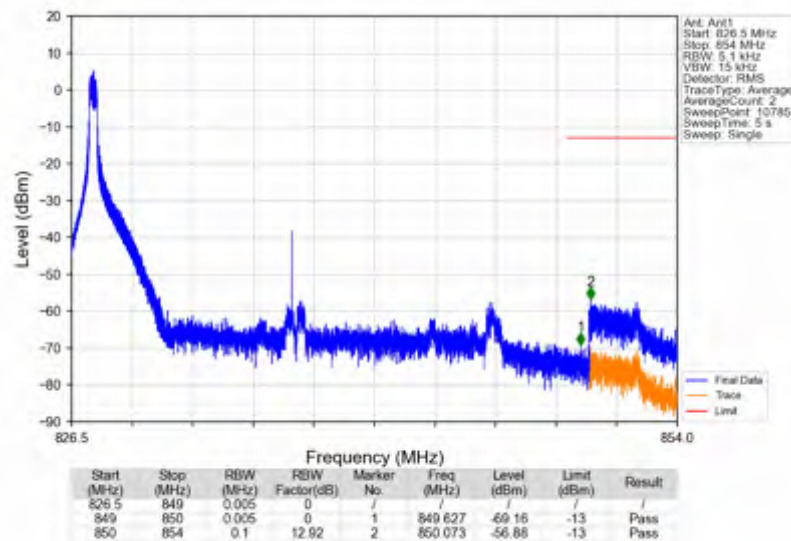
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n5 30kHz SISO NTNv 20MHz DFT-s-OFDM PI/2 BPSK 834MHz Inner 1RB Left



n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_836.5MHz_Edge_1RB_Left

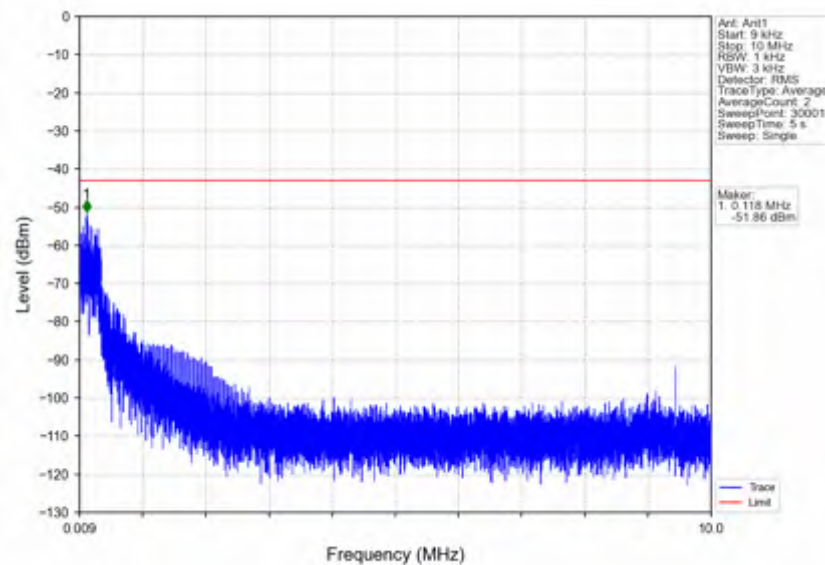


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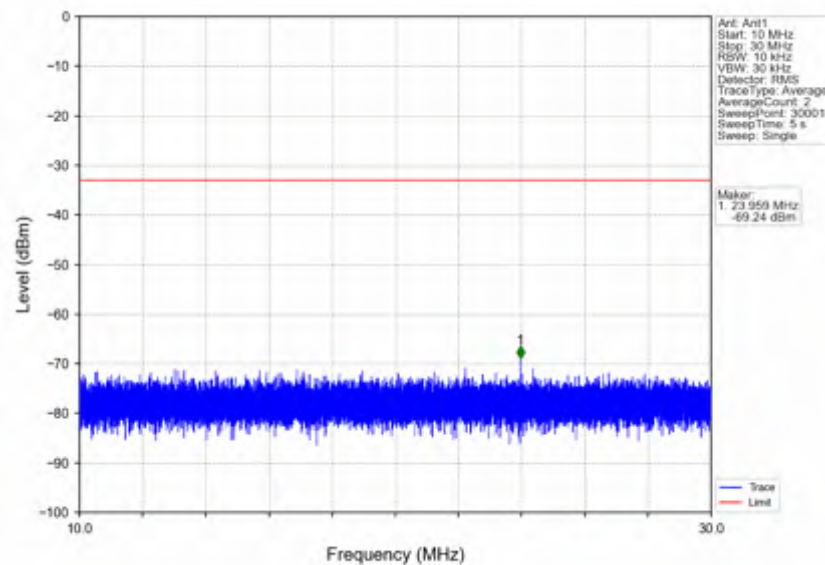
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n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK 836.5MHz_Edge_1RB_Left



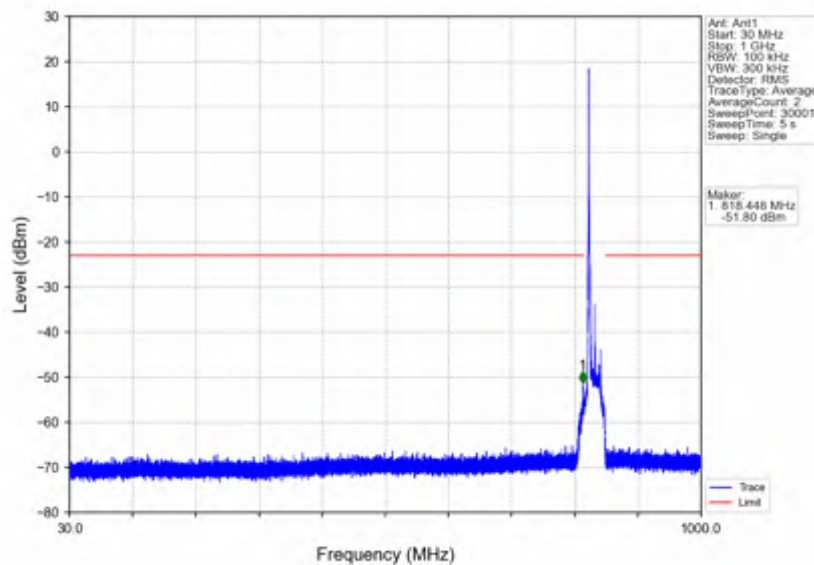
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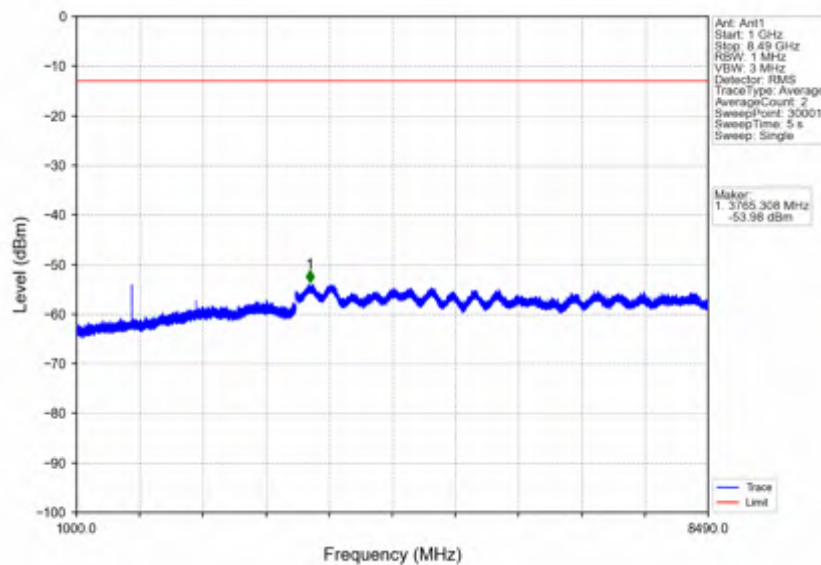
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n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK 836.5MHz_Edge_1RB_Left



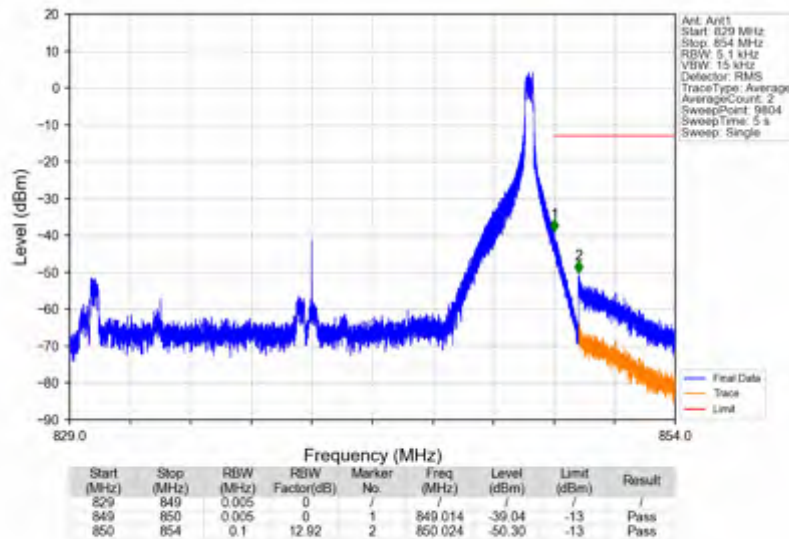
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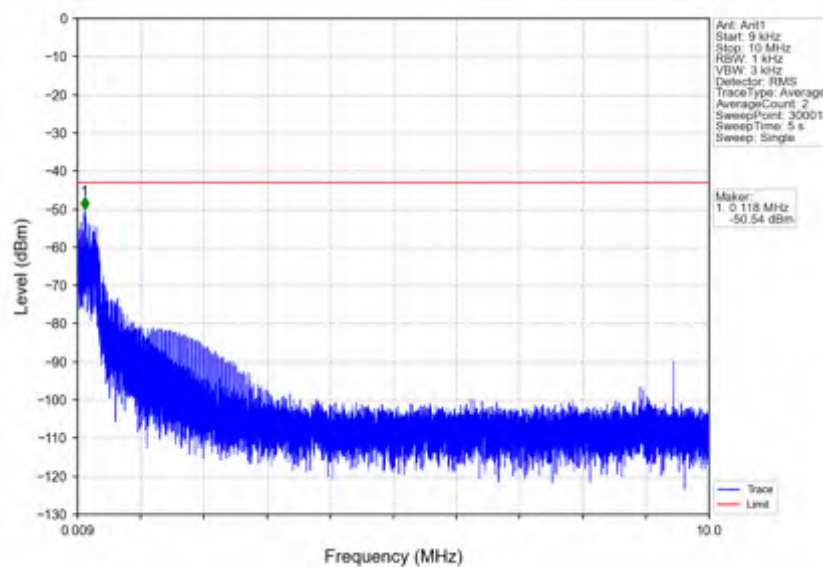
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n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_839MHz_Edge_1RB_Right



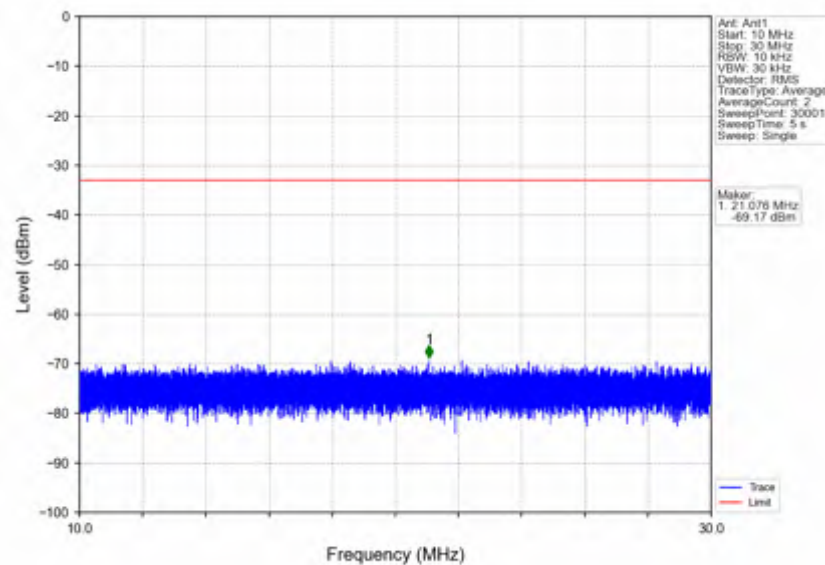
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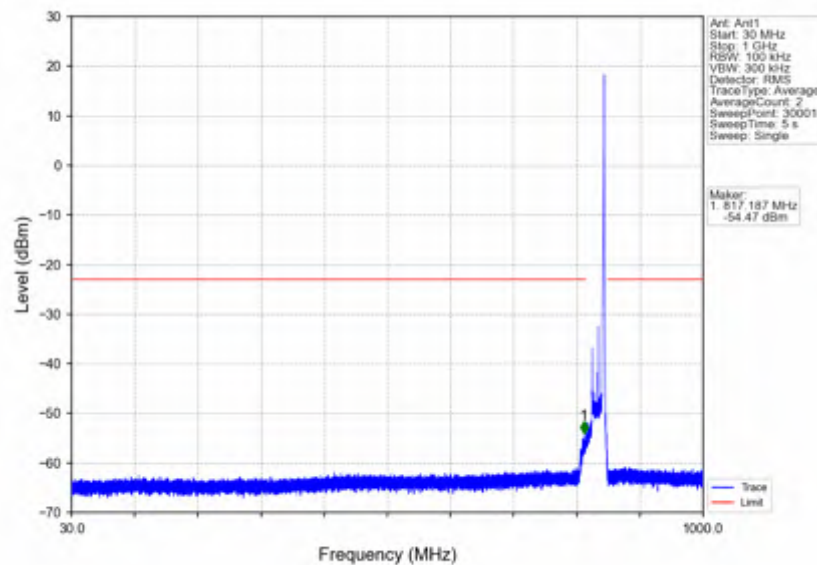
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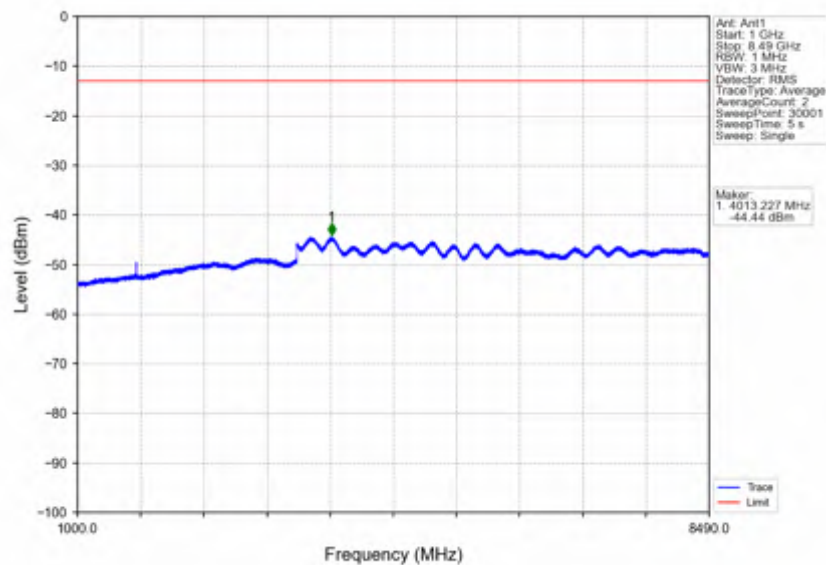
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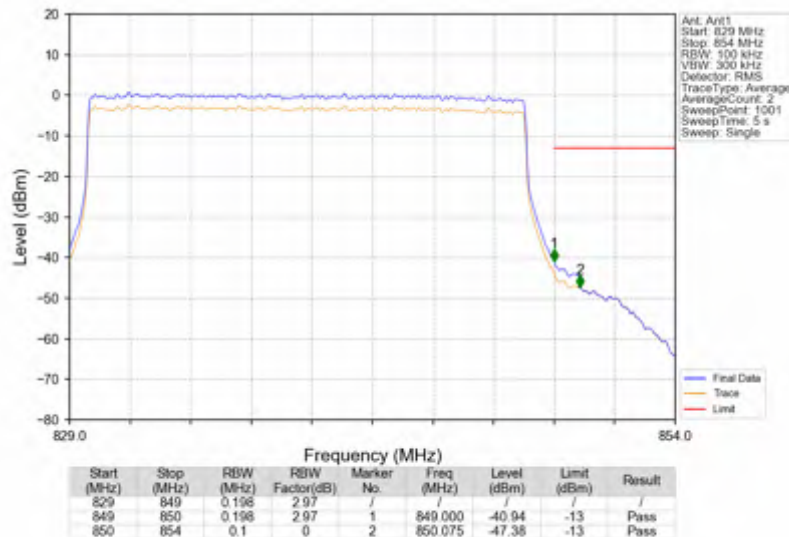
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n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_839MHz_Outer_Full



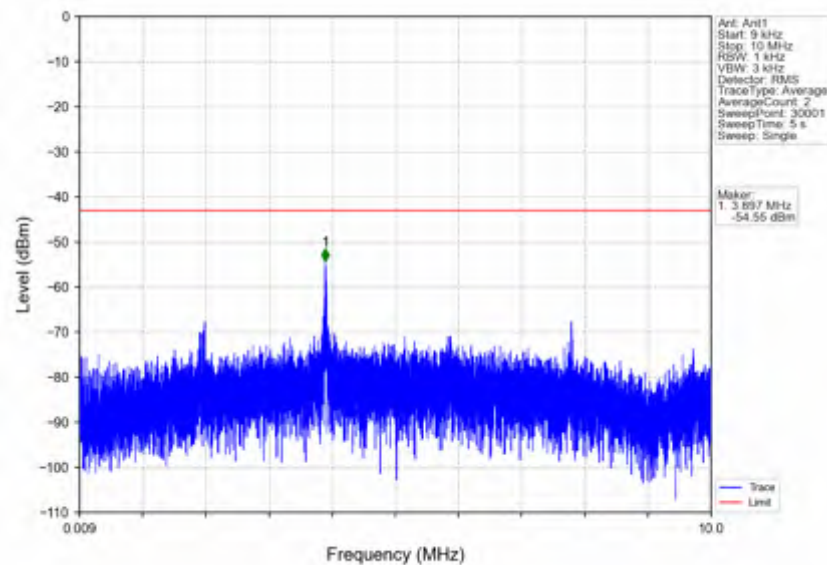
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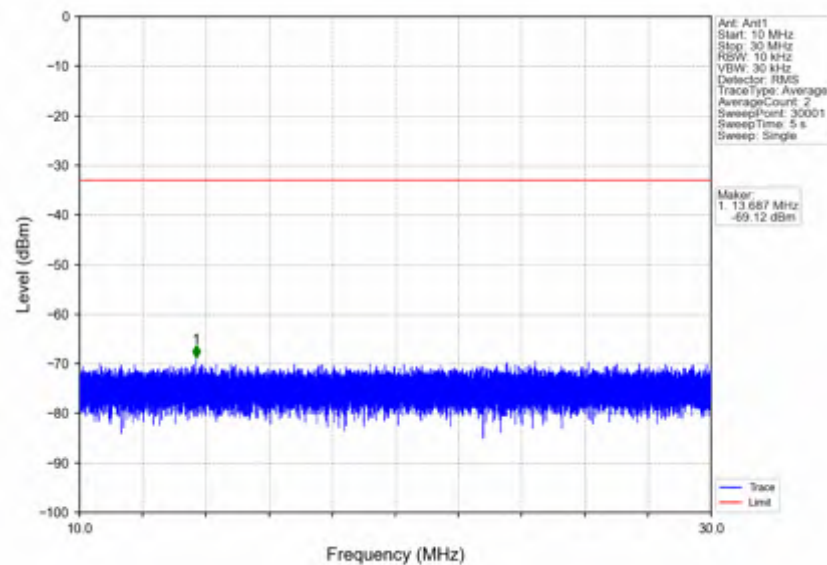
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n5 30kHz SISO NTNv 20MHz DFT-s-OFDM PI/2 BPSK 839MHz Outer Full



n5	30kHz	SISO	NTNV	20MHz	DFT-s-OFDM	PI/2	BPSK	839MHz	Outer	Full
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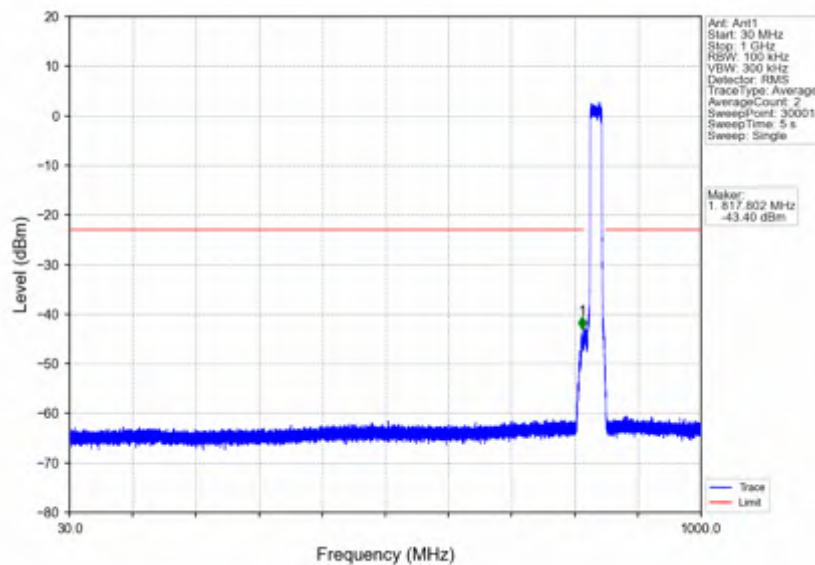


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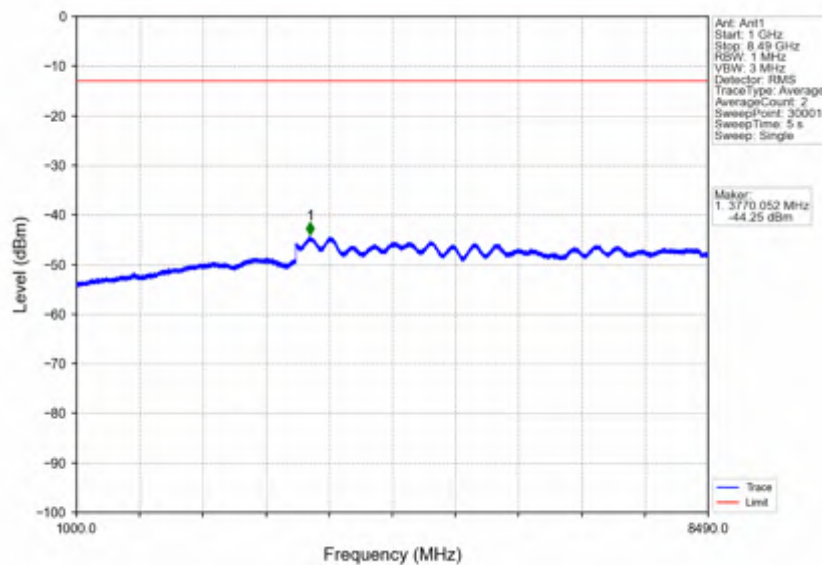
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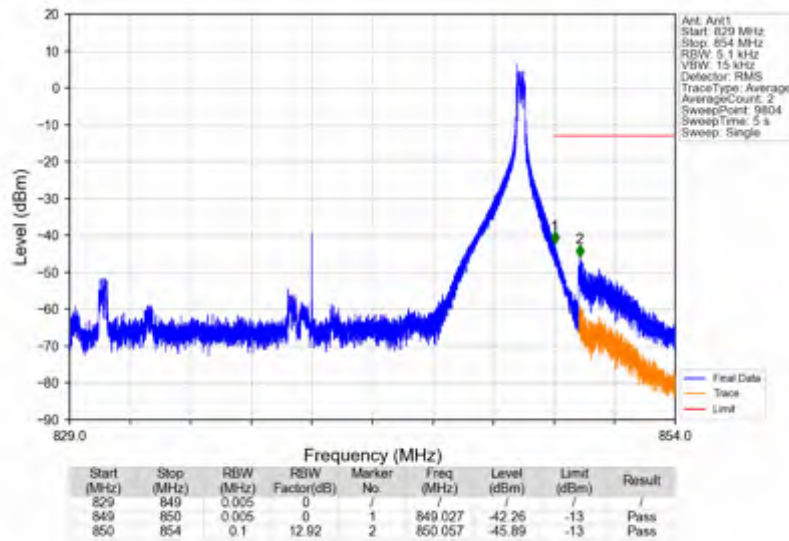
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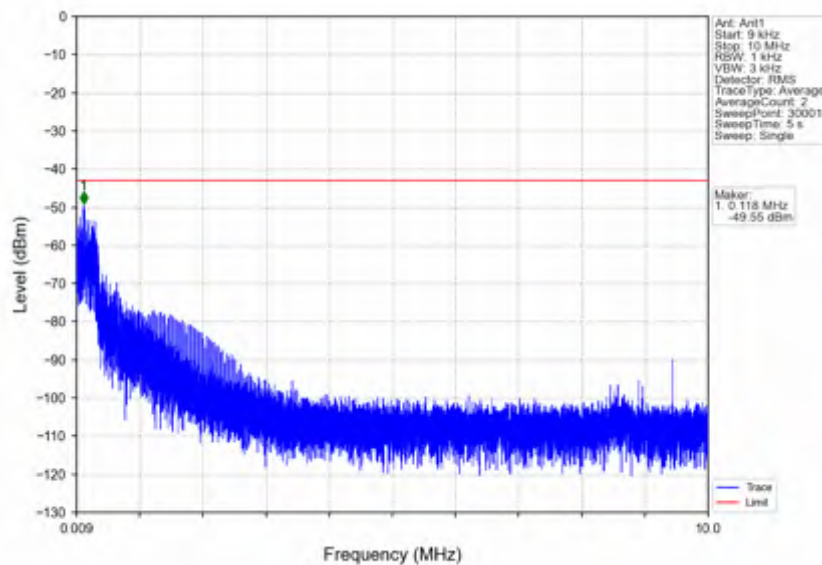
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n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Inner_1RB_Right



n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_839MHz_Inner_1RB_Right

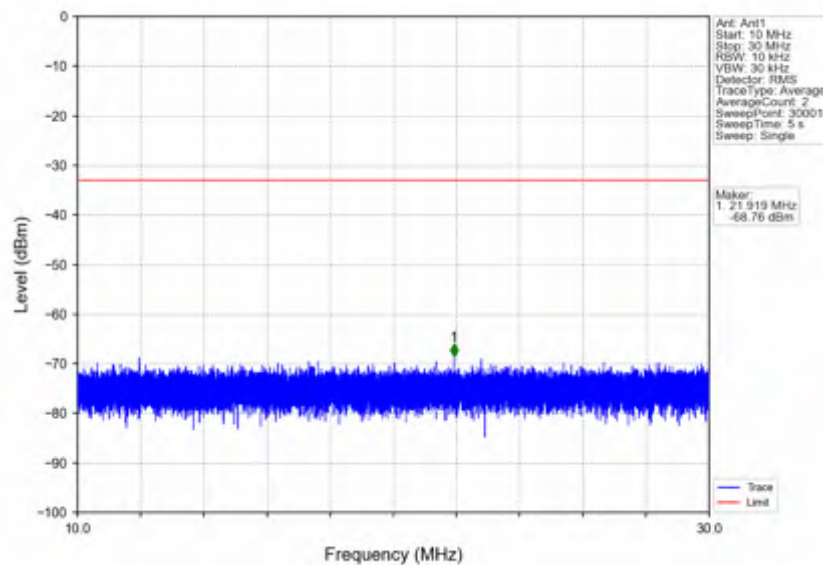


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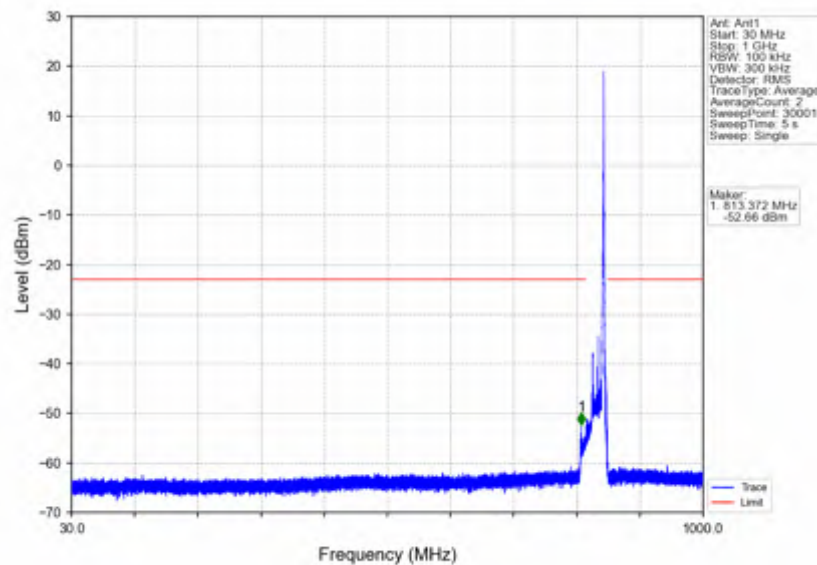
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n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_839MHz_Inner_1RB_Right



n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_839MHz_Inner_1RB_Right



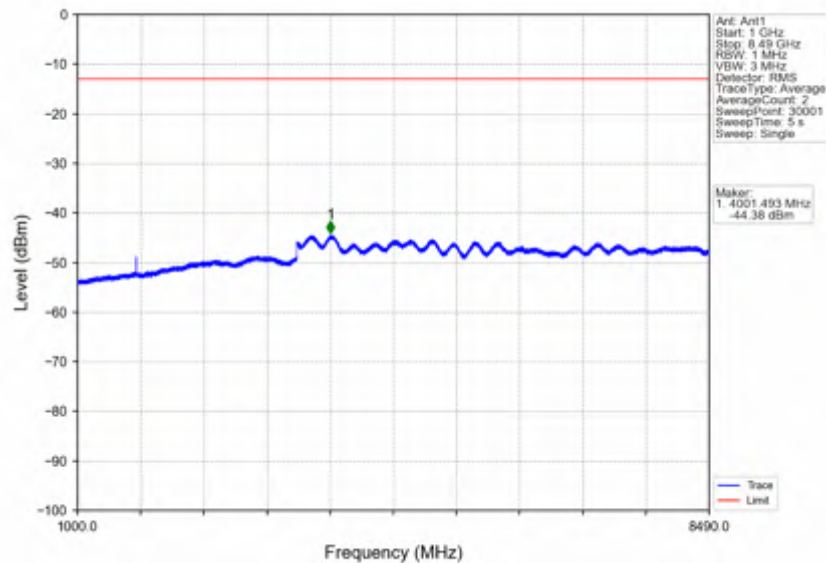
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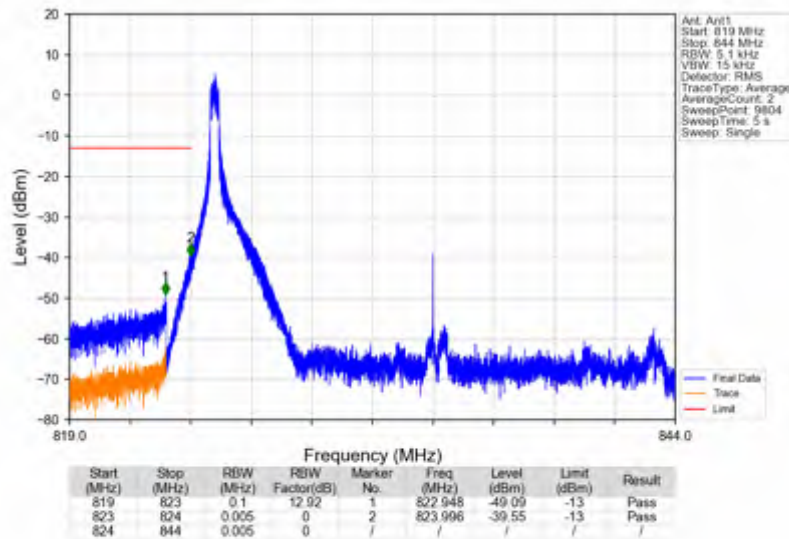
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n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_839MHz_Inner_1RB_Right



n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_834MHz_Edge_1RB_Left



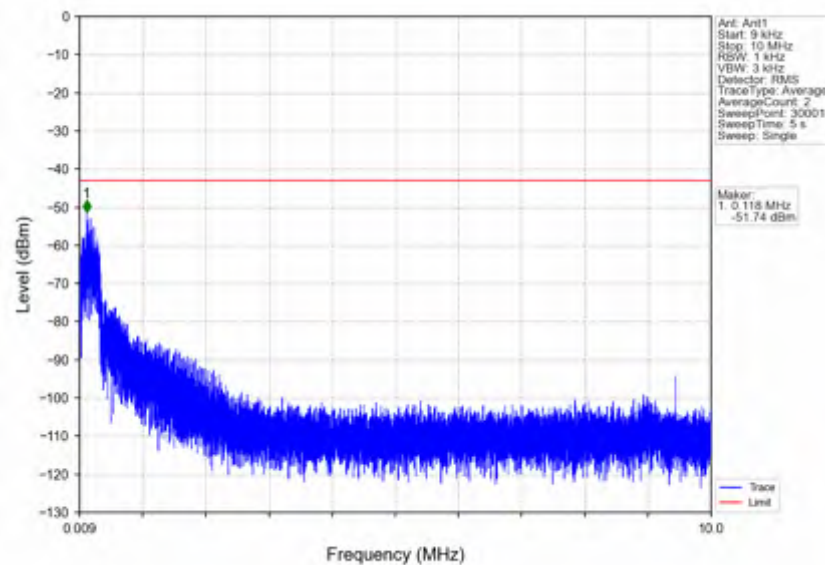
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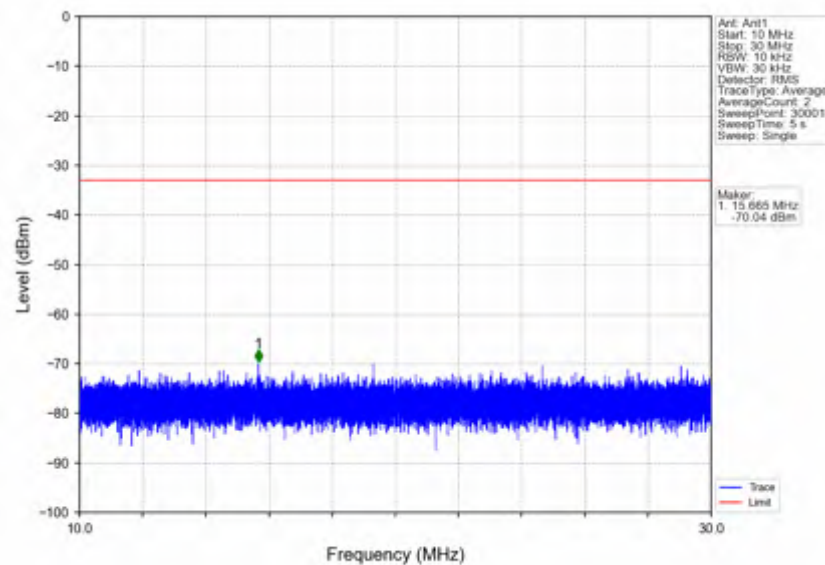
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n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_834MHz_Edge_1RB_Left



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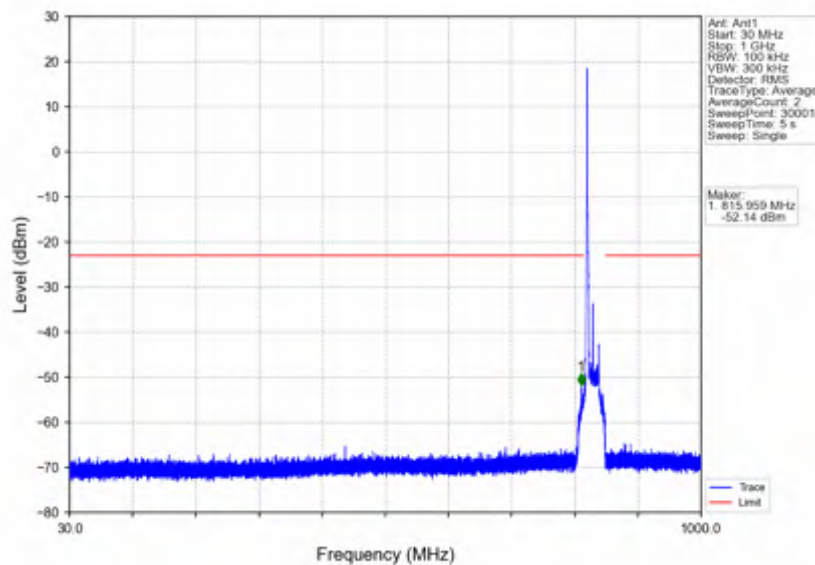
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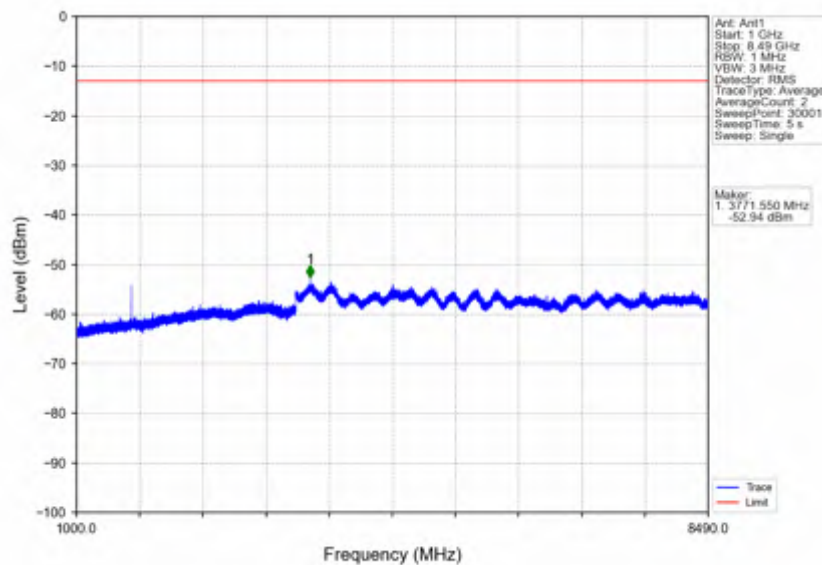
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n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_834MHz_Edge_1RB_Left



n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_834MHz_Edge_1RB_Left



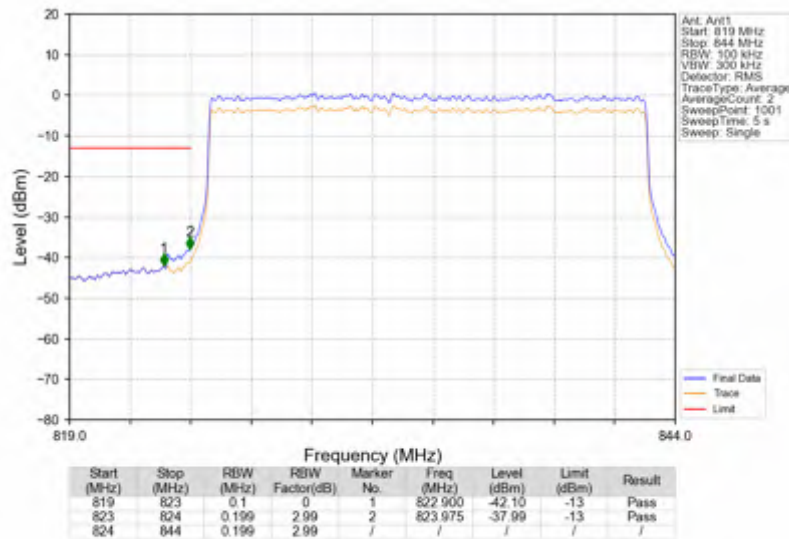
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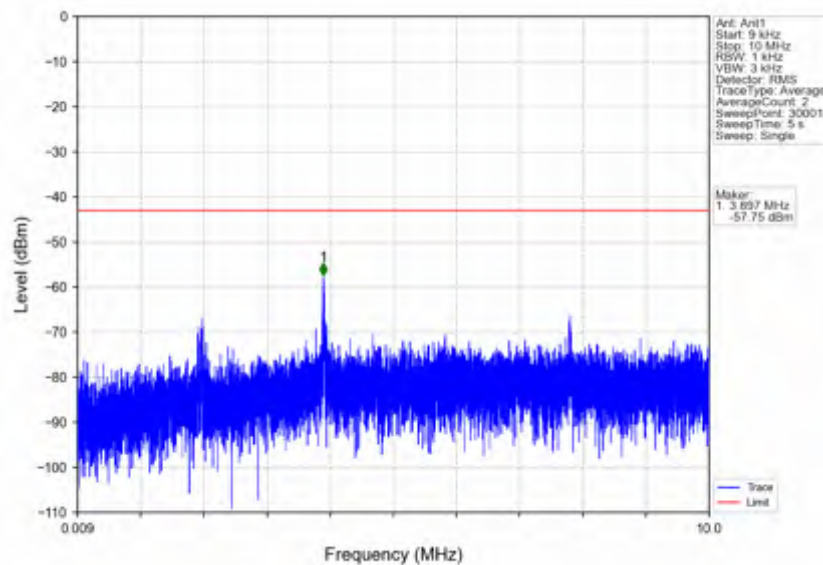
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n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_834MHz_Outer_Full



n5 30kHz SISO NTNv 20MHz DFT-s-OFDM QPSK 834MHz Outer Full



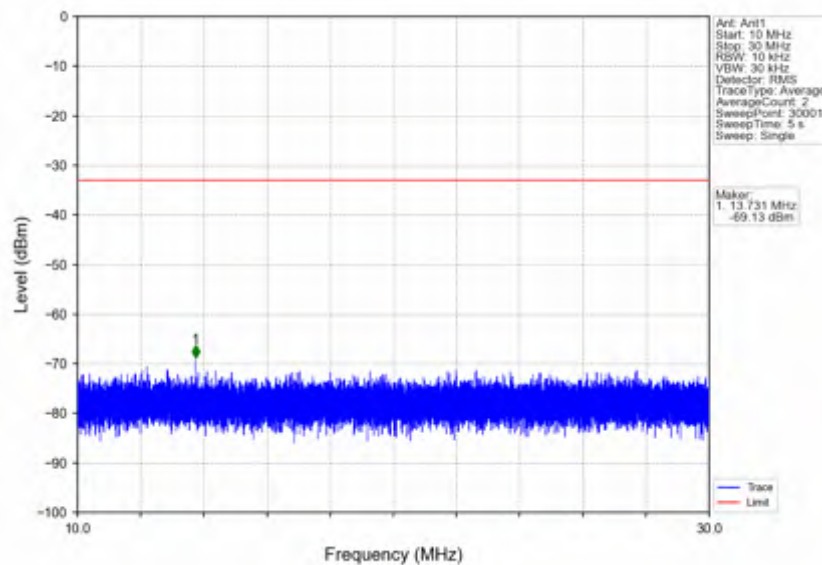
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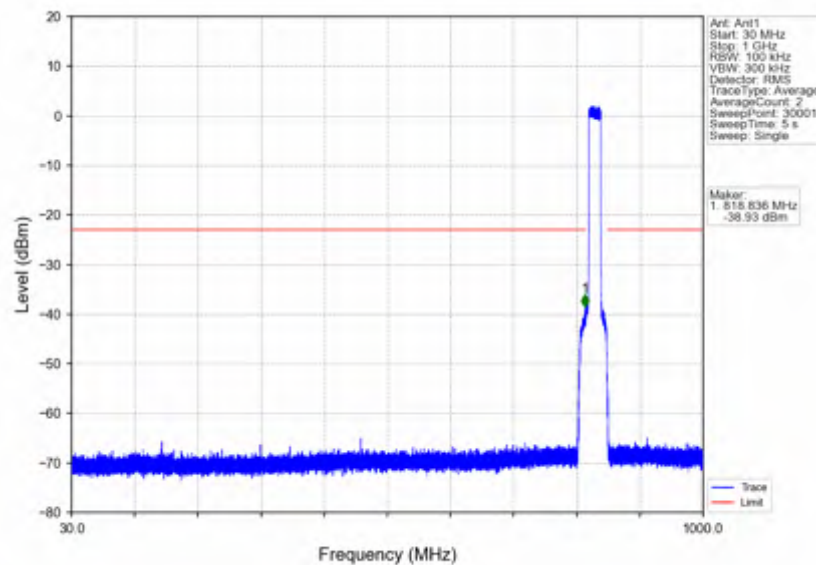
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n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_834MHz_Outer_Full



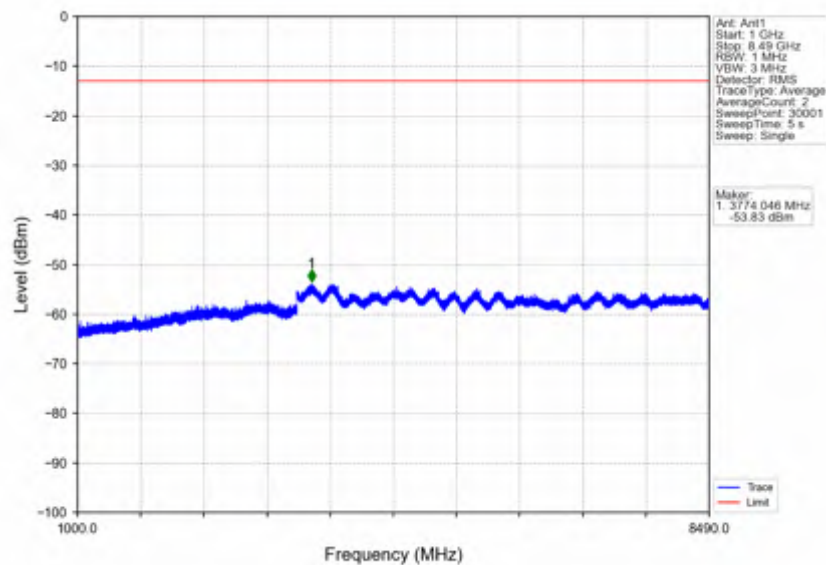
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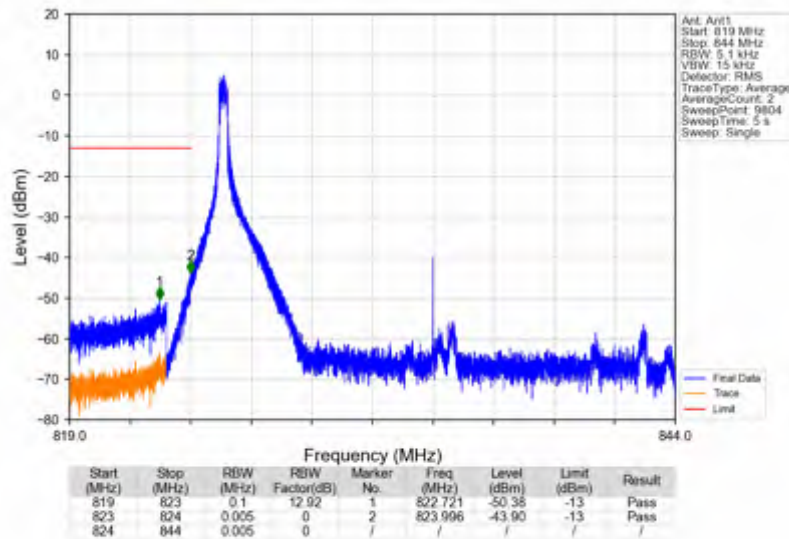
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n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_834MHz_Outer_Full



n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_834MHz_Inner_1RB_Left



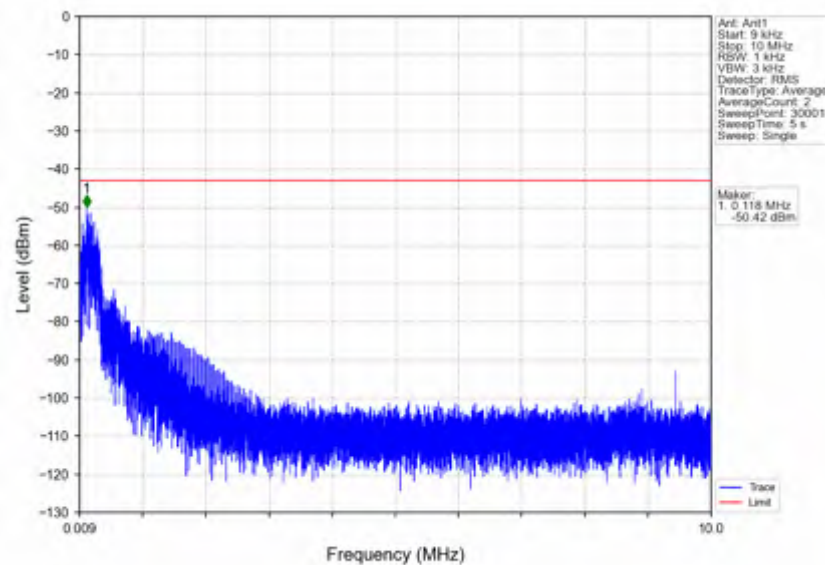
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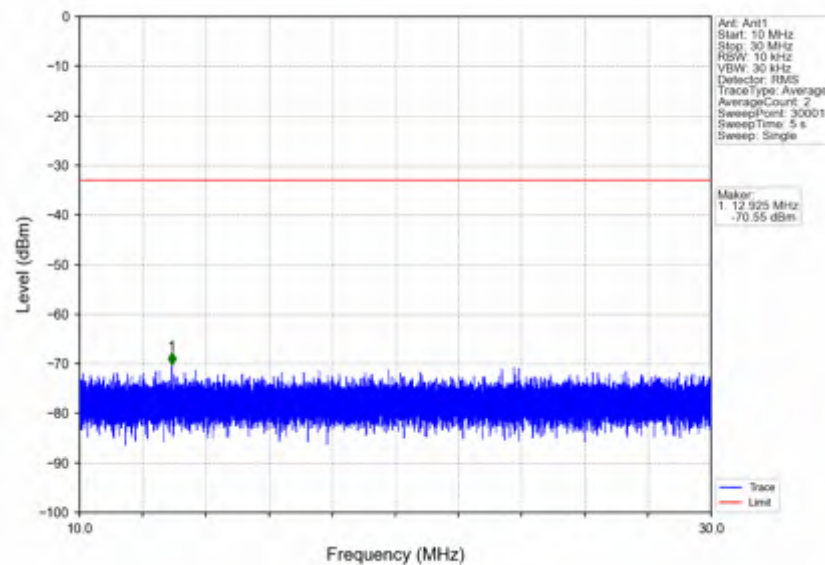
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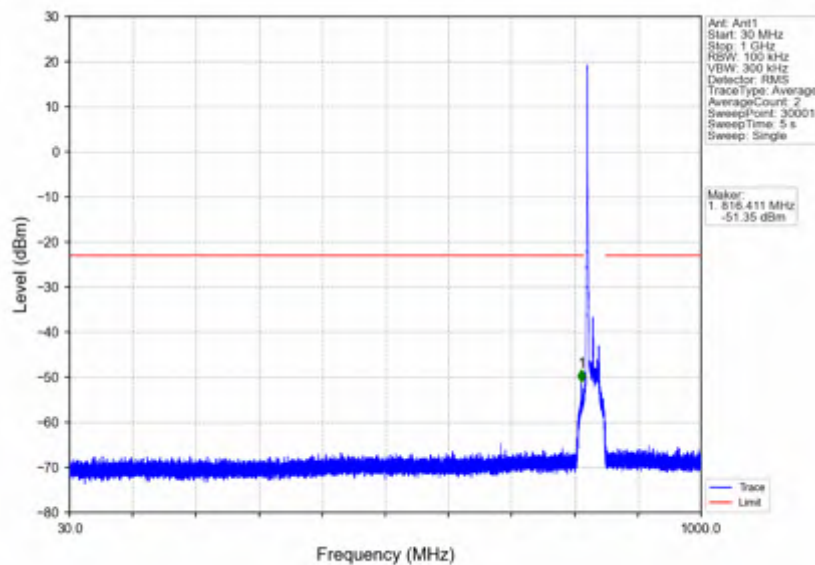
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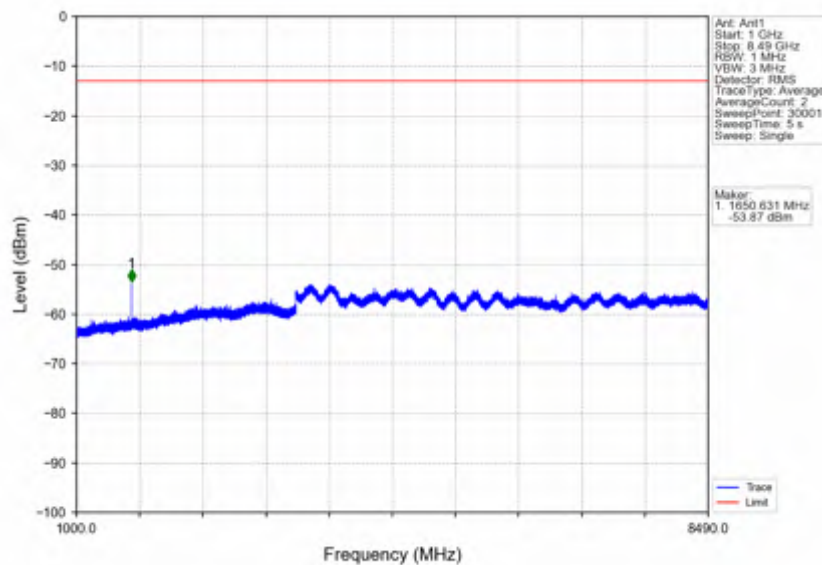
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n5 30kHz SISO NTNv 20MHz DFT-s-OFDM QPSK 834MHz Inner 1RB Left



n5 30kHz SISO NTNv 20MHz DFT-s-OFDM QPSK 834MHz Inner 1RB Left

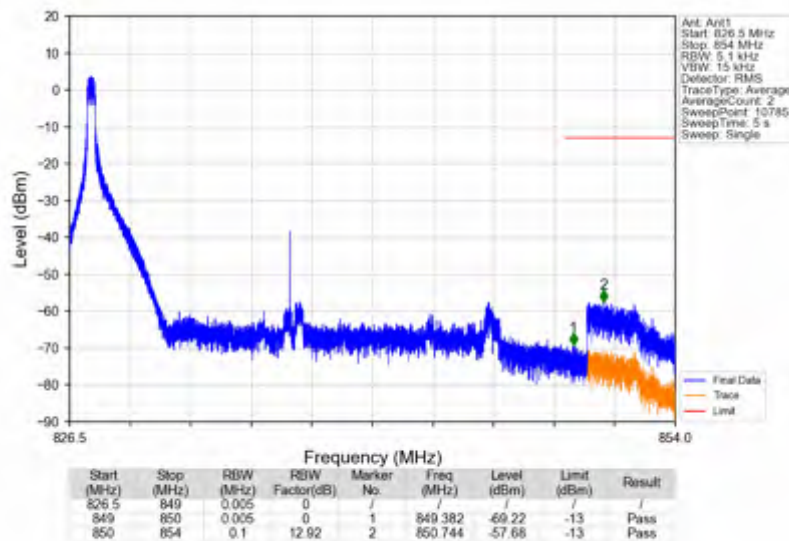


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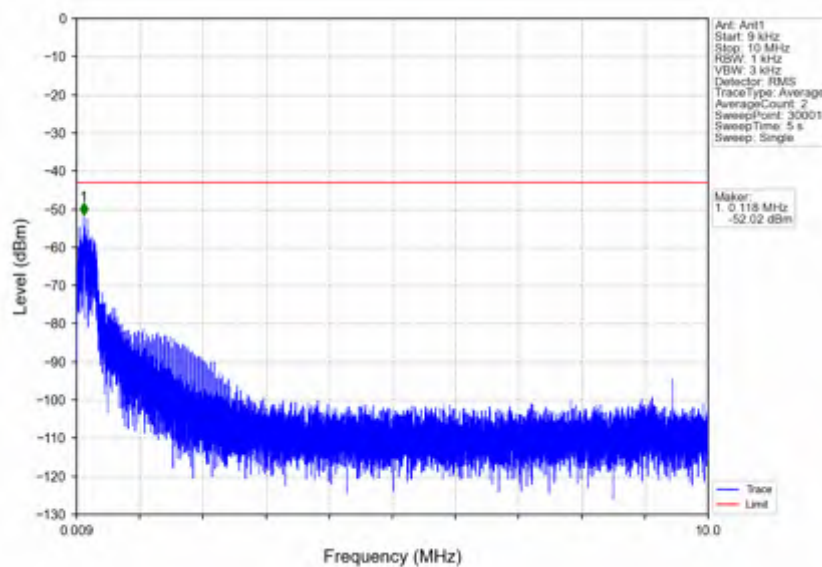
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n5 30kHz SISO NTNv 20MHz DFT-s-OFDM QPSK 836.5MHz Edge 1RB Left



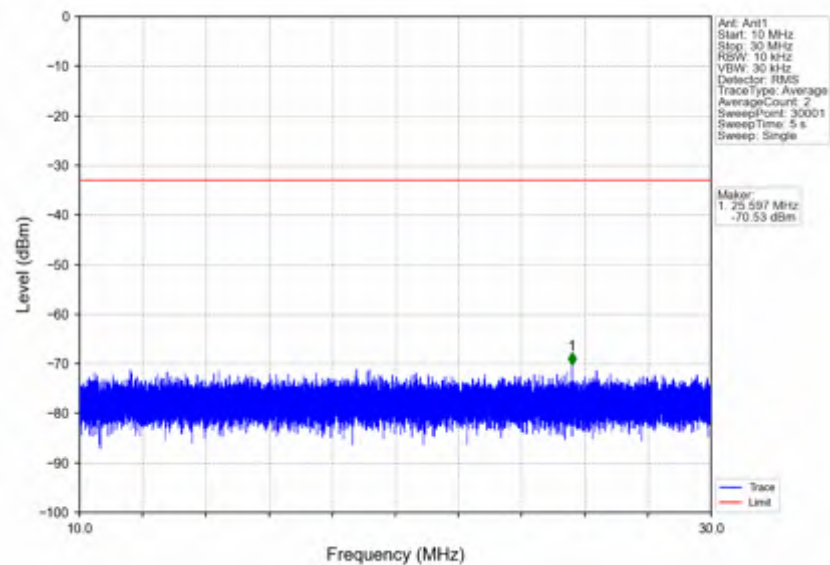
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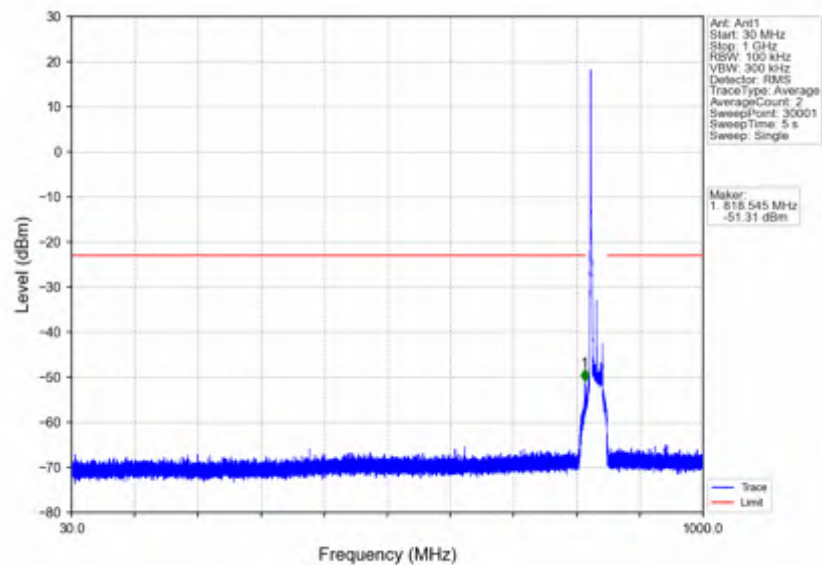
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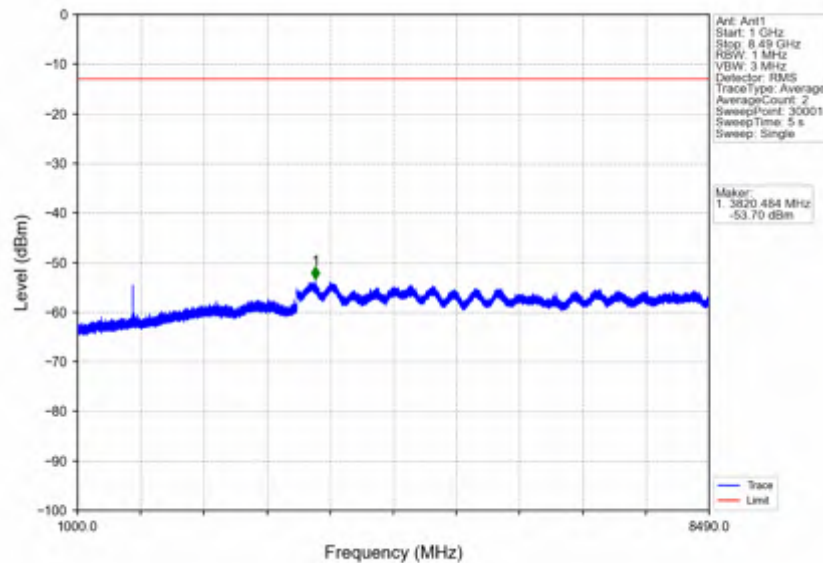


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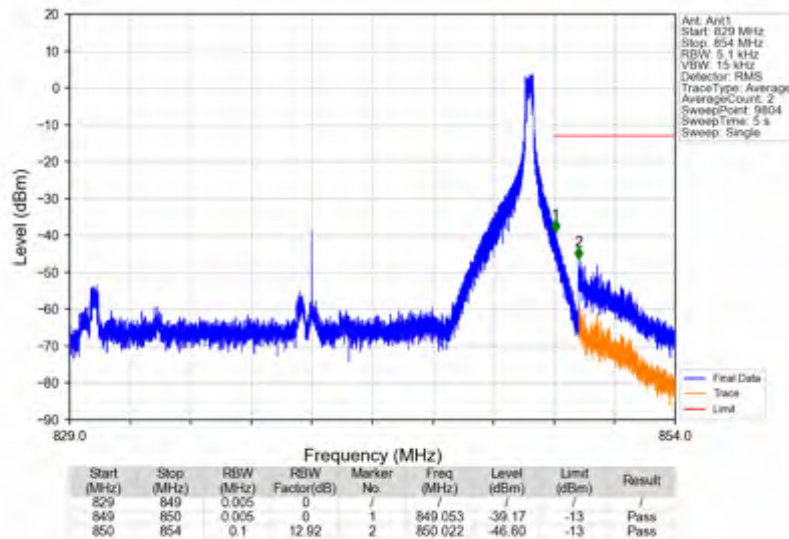
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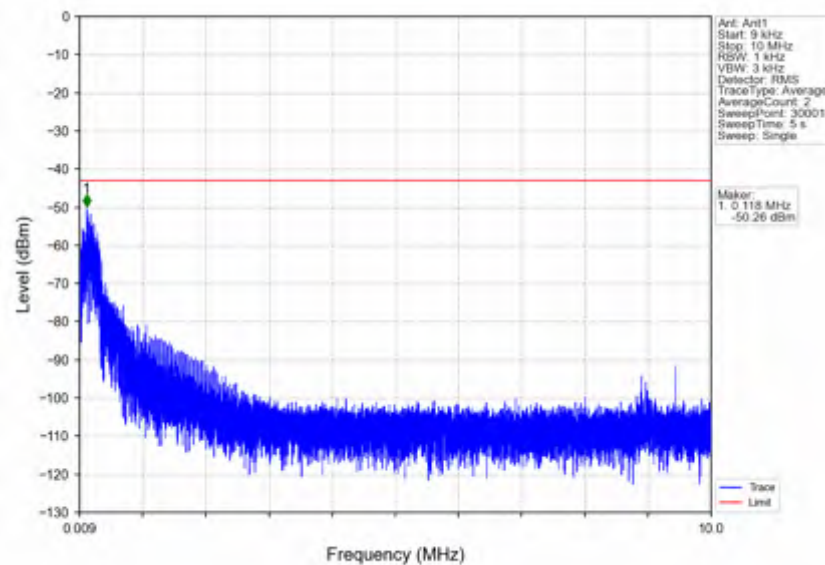
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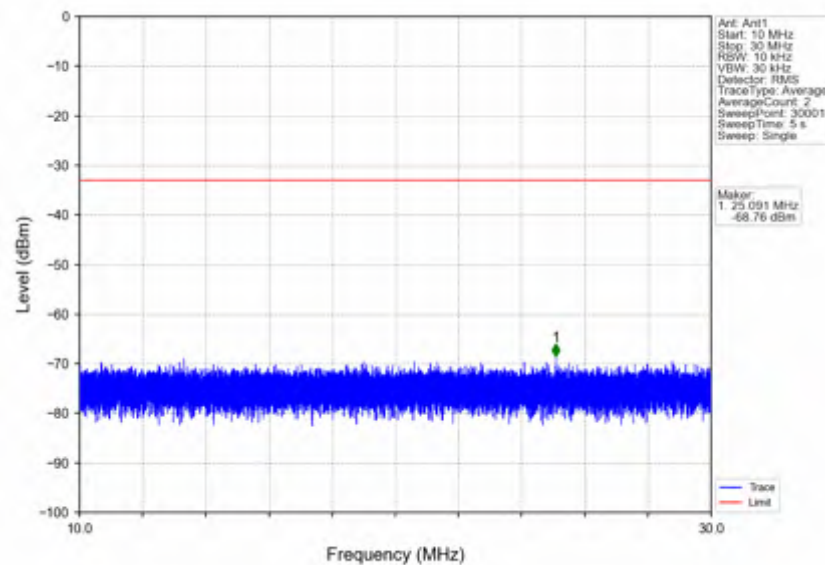
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n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_839MHz_Edge_1RB_Right



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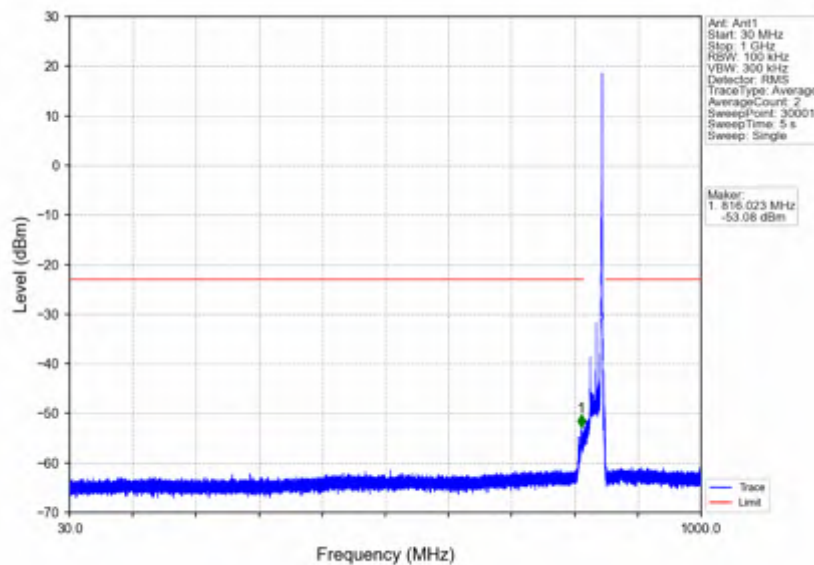
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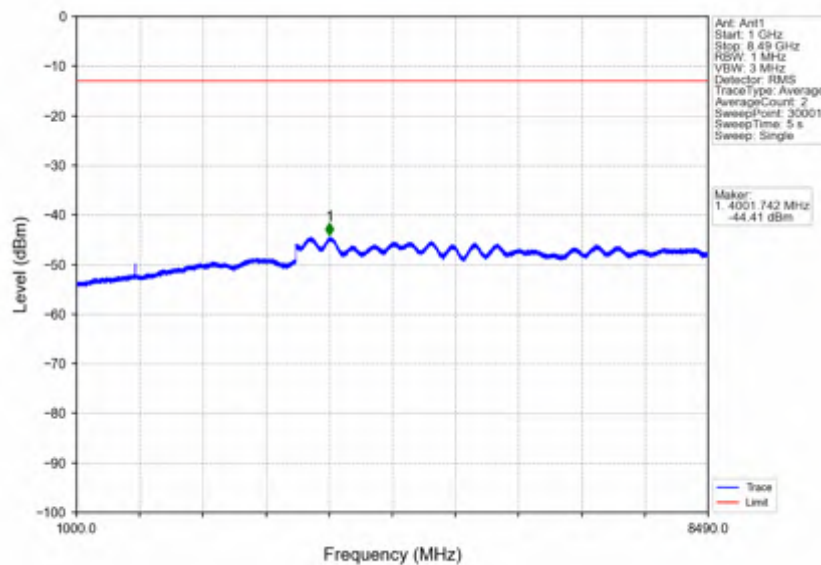
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n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Edge_1RB_Right



n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Edge_1RB_Right



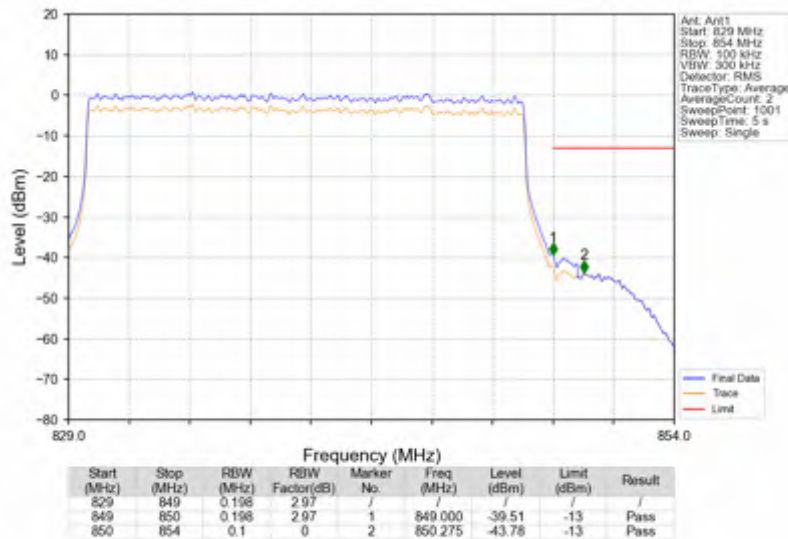
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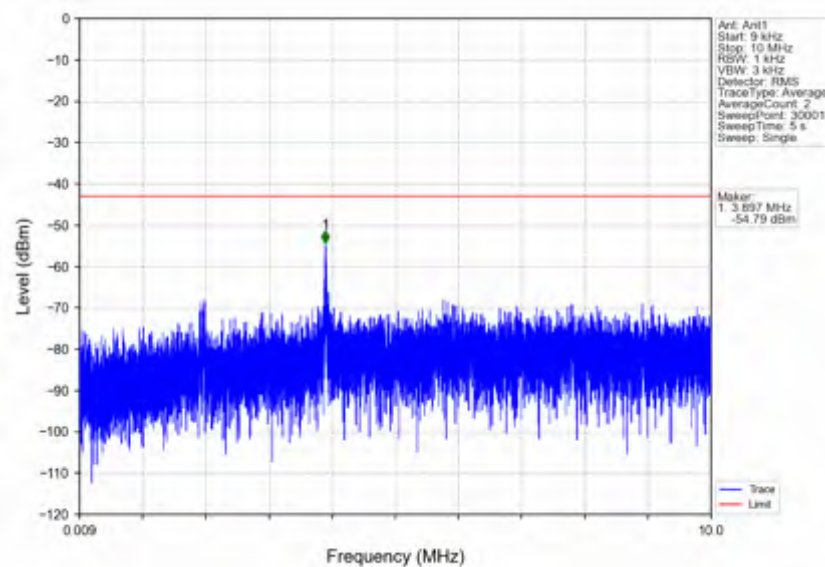
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n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Outer_Full



n5 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 839MHz Outer Full

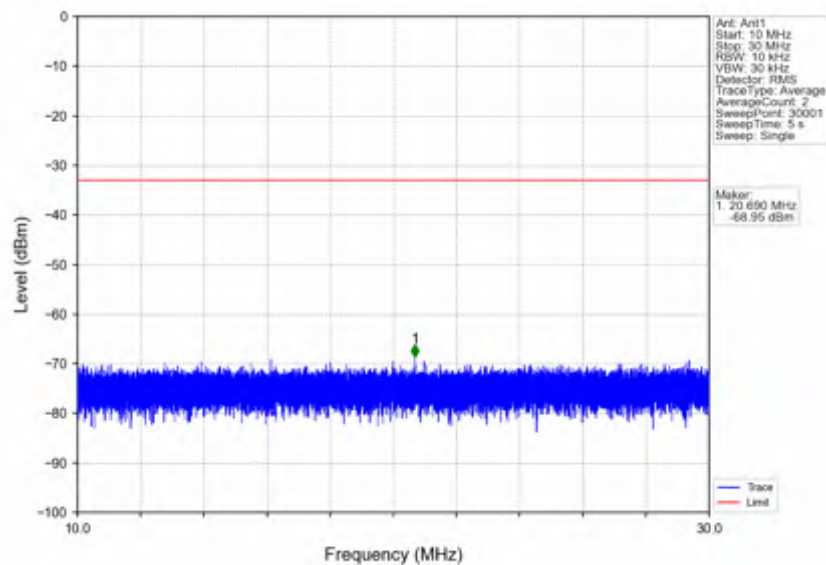


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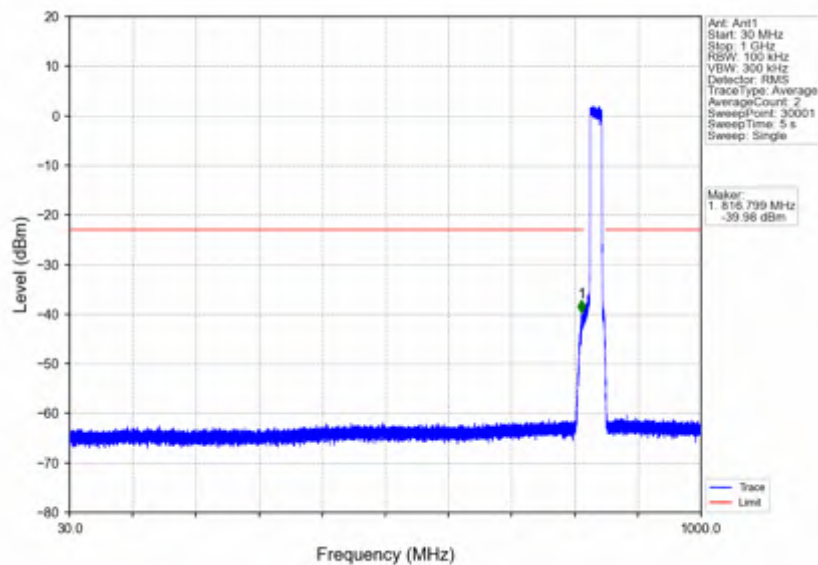
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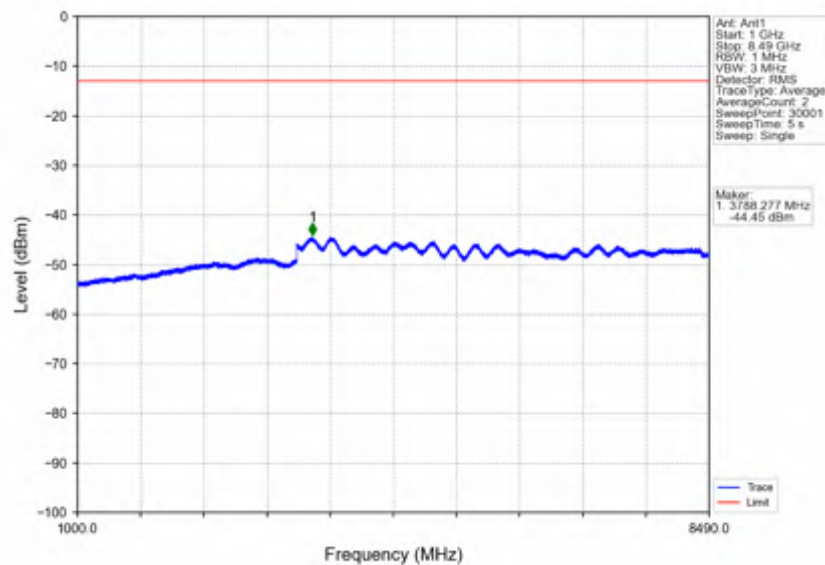
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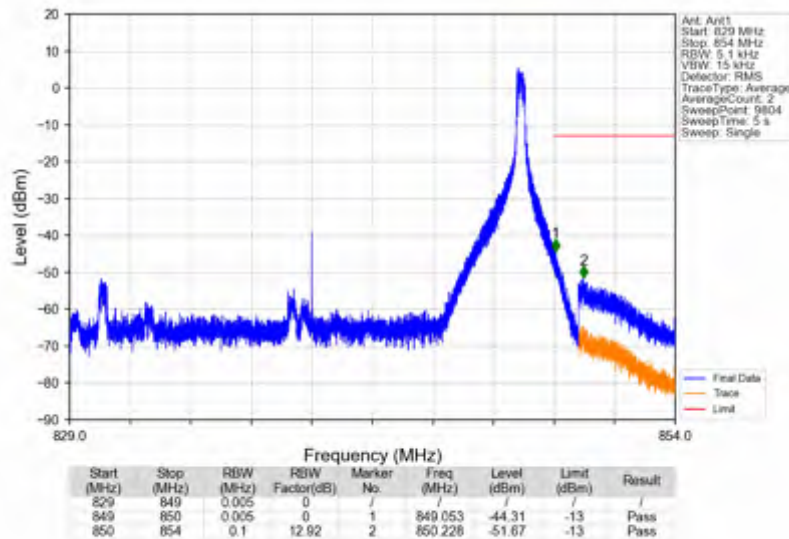
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n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_839MHz_Outer_Full



n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_839MHz_Inner_1RB_Right



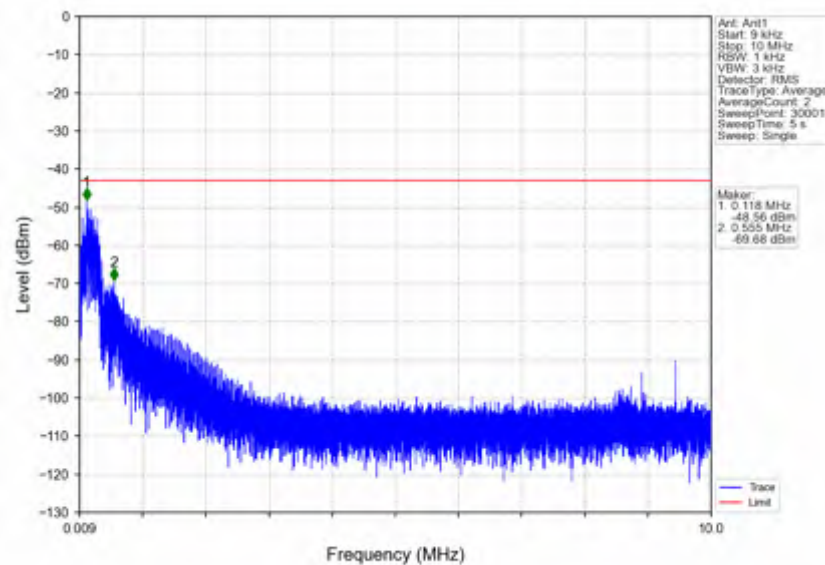
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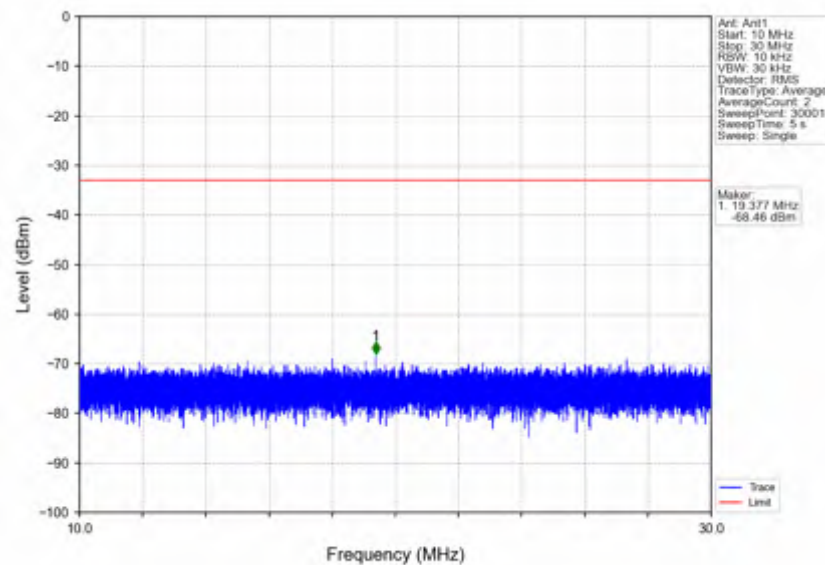
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n5 30kHz SISO NTNv 20MHz DFT-s-OFDM QPSK 839MHz Inner 1RB Right



n5 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 839MHz Inner 1RB Right

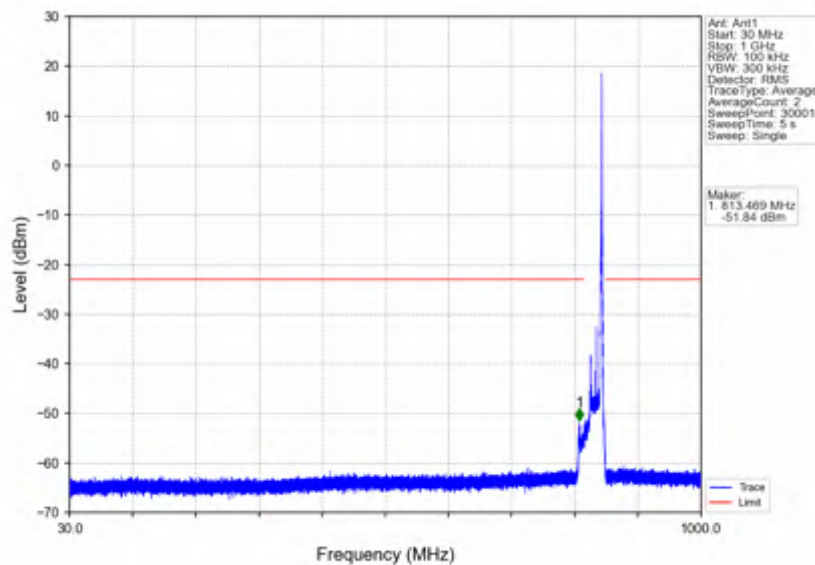


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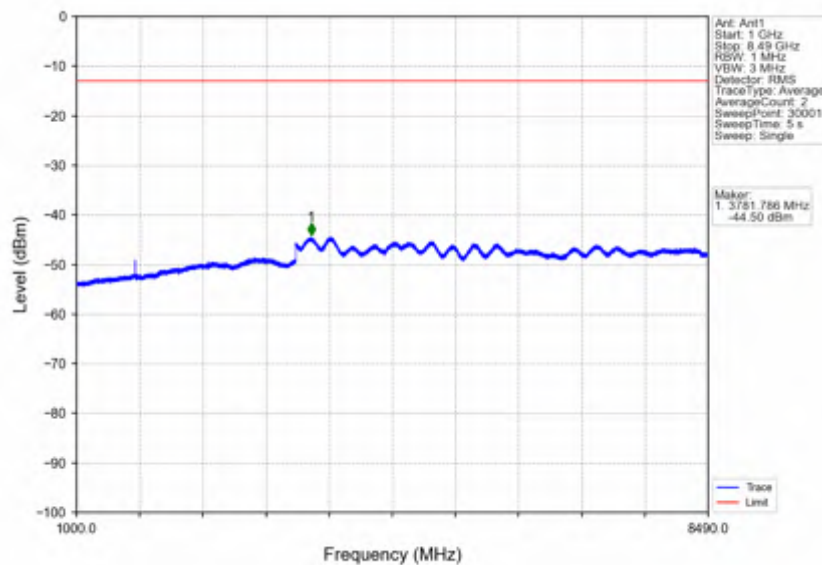
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n5_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_839MHz_Inner_1RB_Right

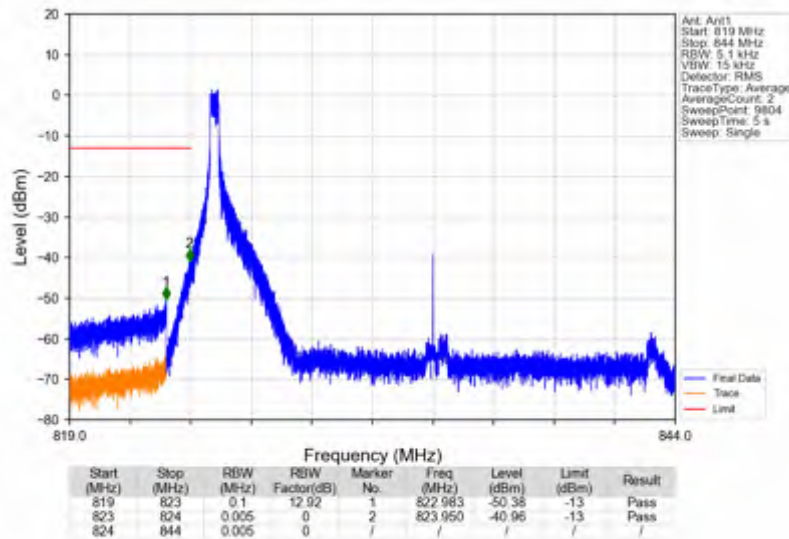


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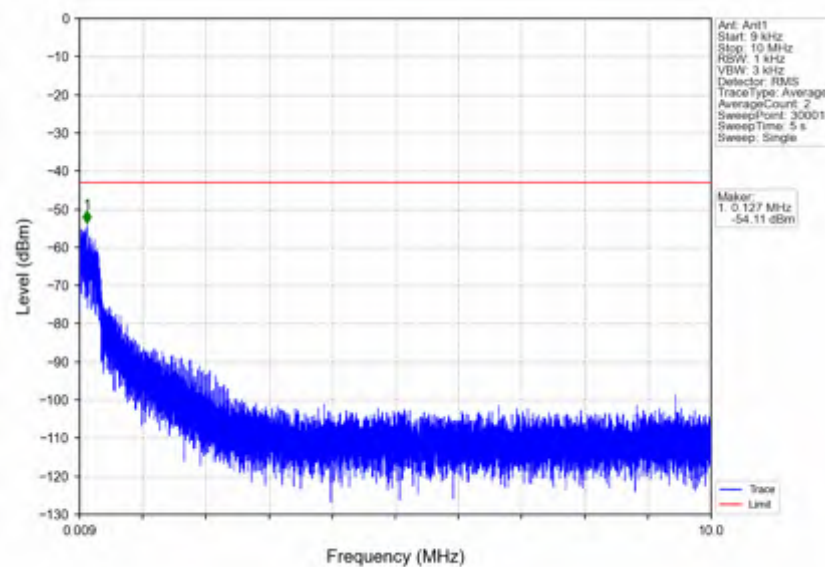
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n5_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Edge_1RB_Left



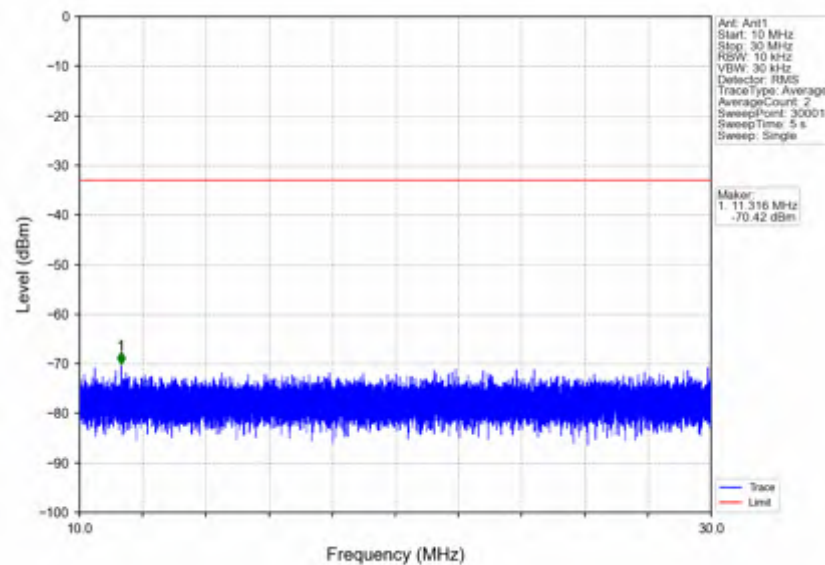
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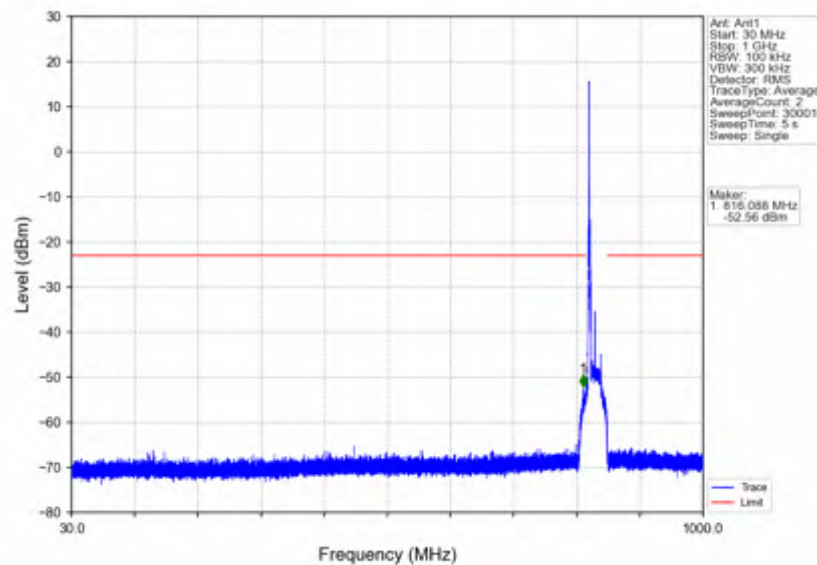
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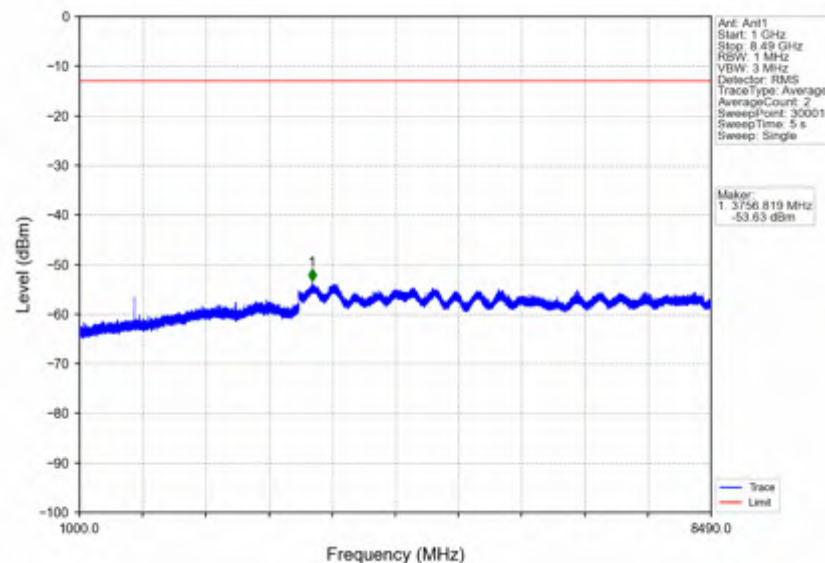
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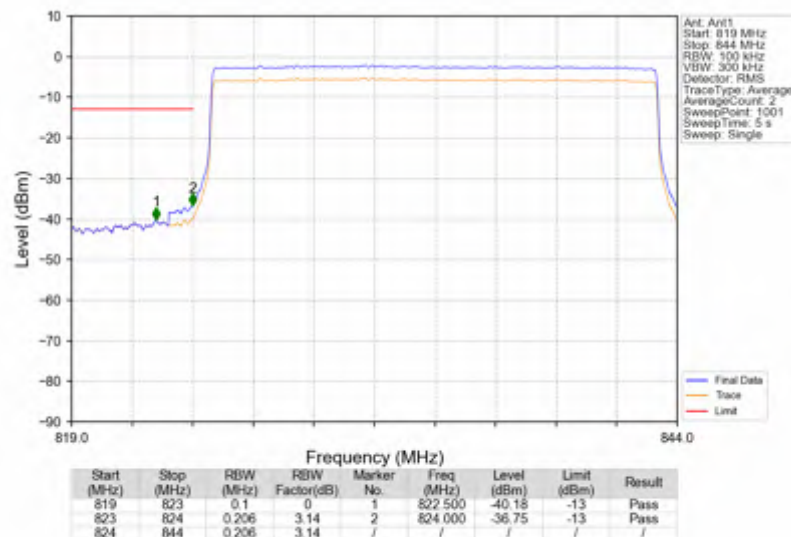
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n5_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_834MHz_Edge_1RB_Left



n5_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_834MHz_Outer_Full



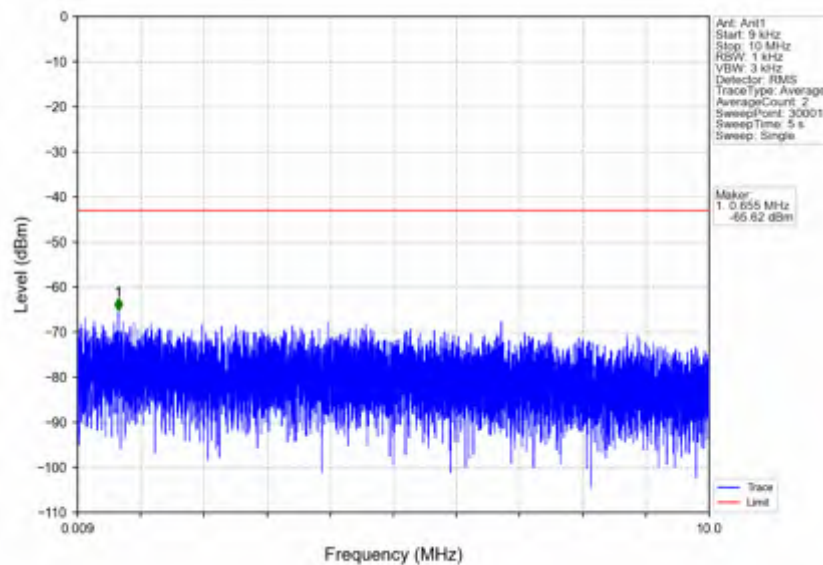
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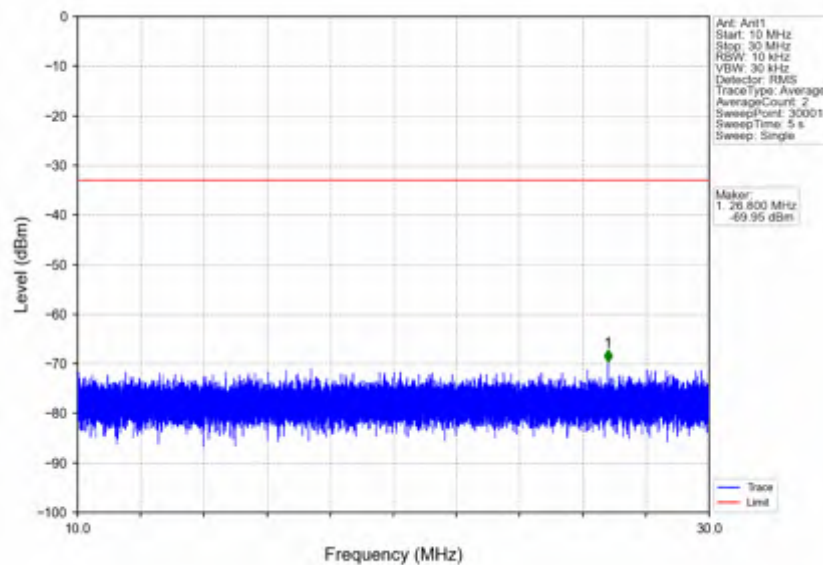
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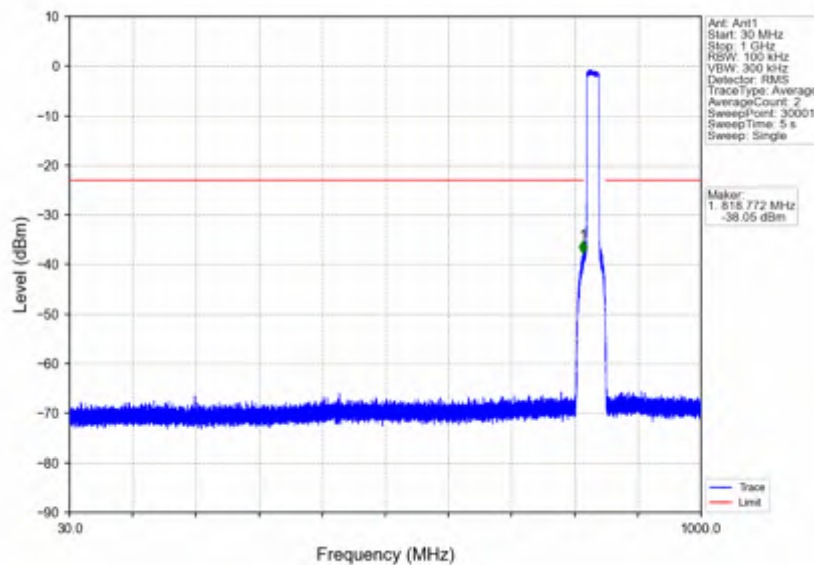
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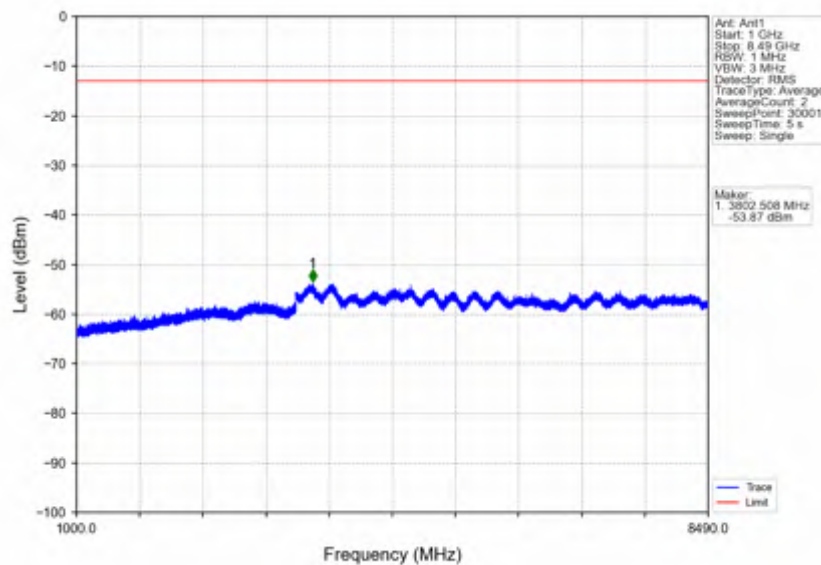
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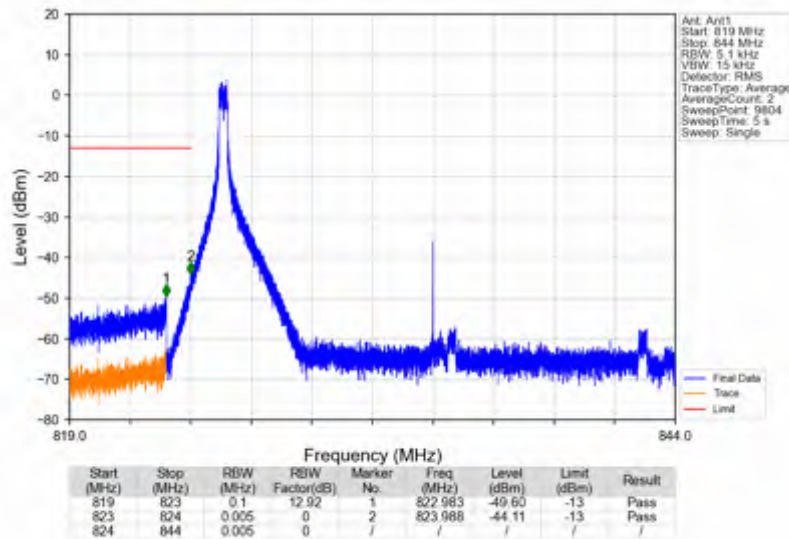
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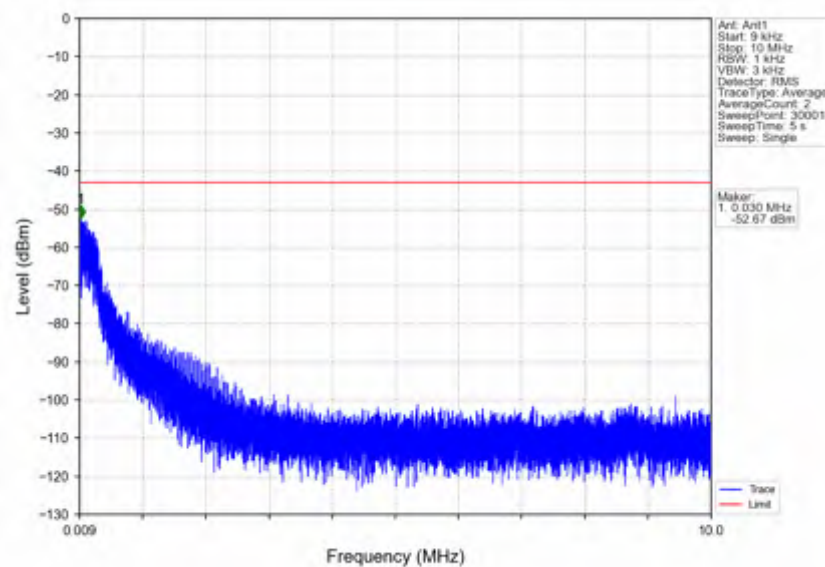
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n5_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Inner_1RB_Left



n5_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Inner_1RB_Left



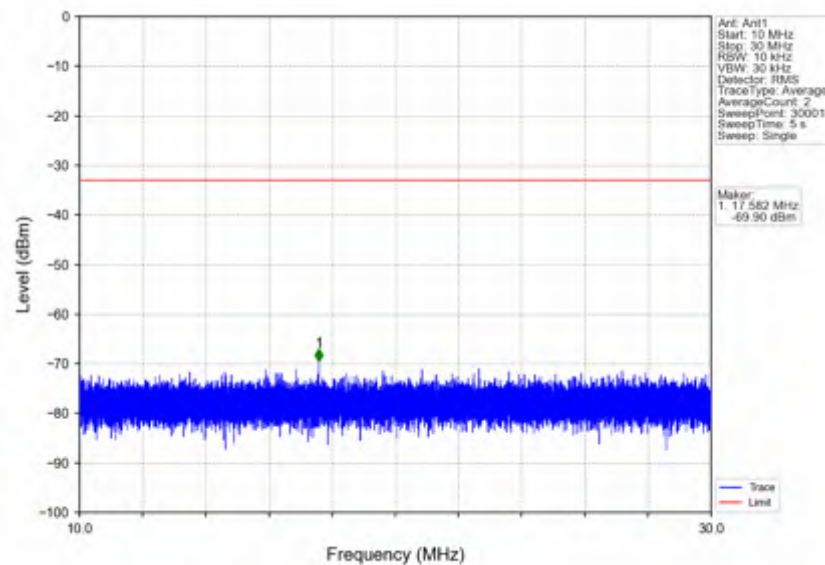
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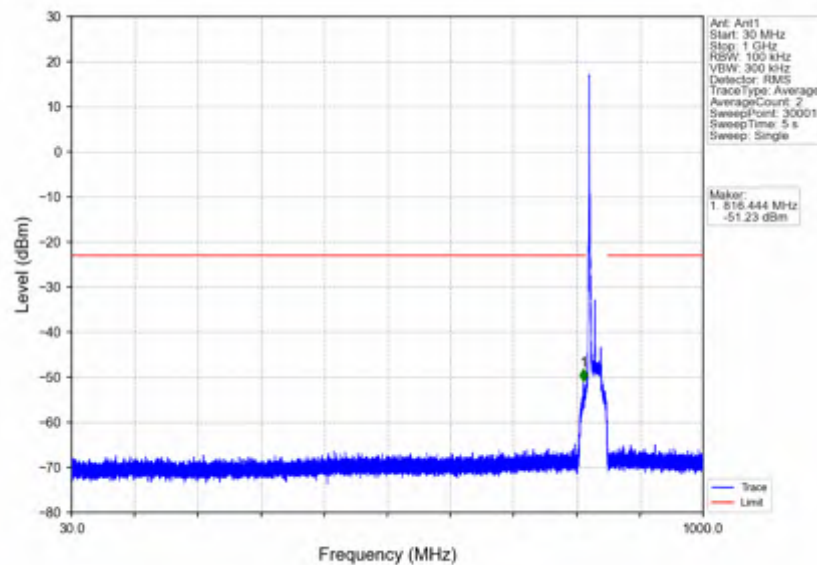
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n5_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Inner_1RB_Left



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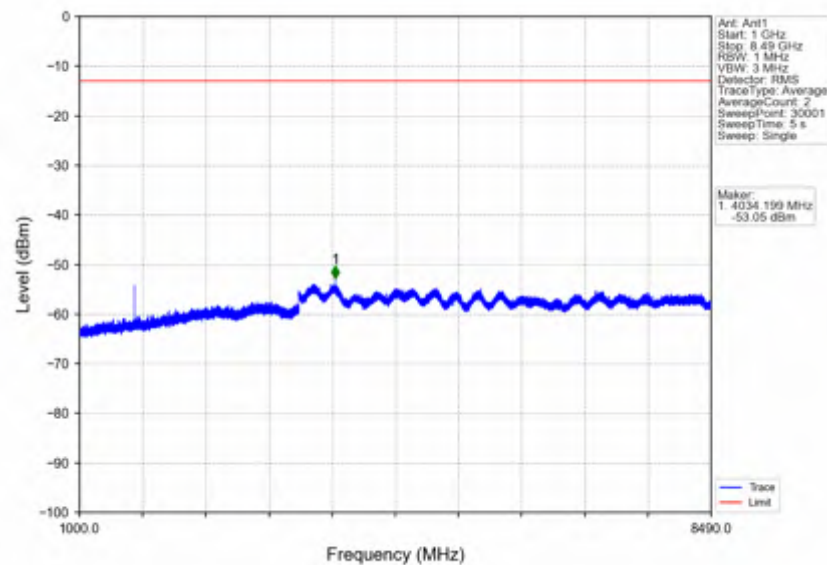
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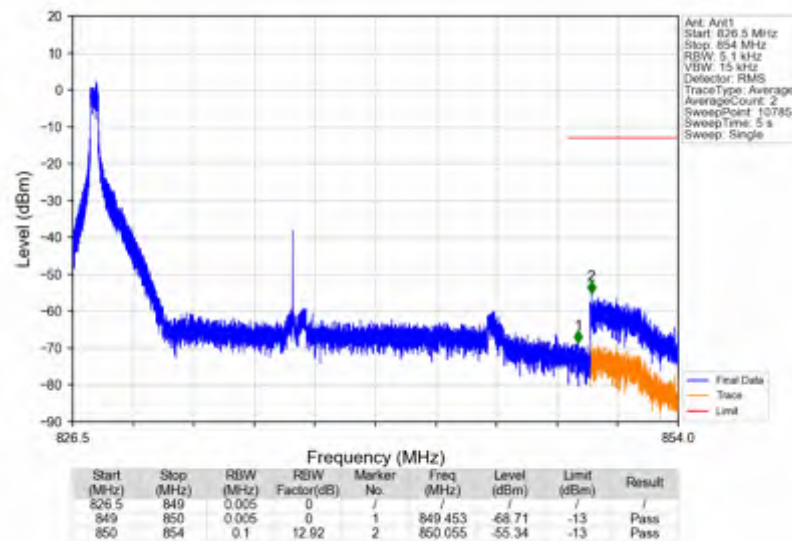
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n5_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_834MHz_Inner_1RB_Left



n5 30kHz SISO NTV 20MHz CP-OFDM QPSK 836.5MHz Edge 1RB Left

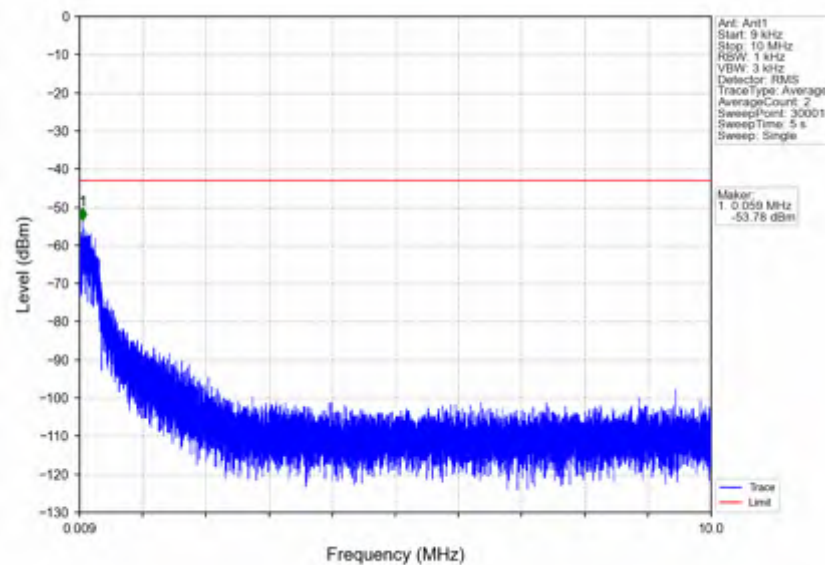


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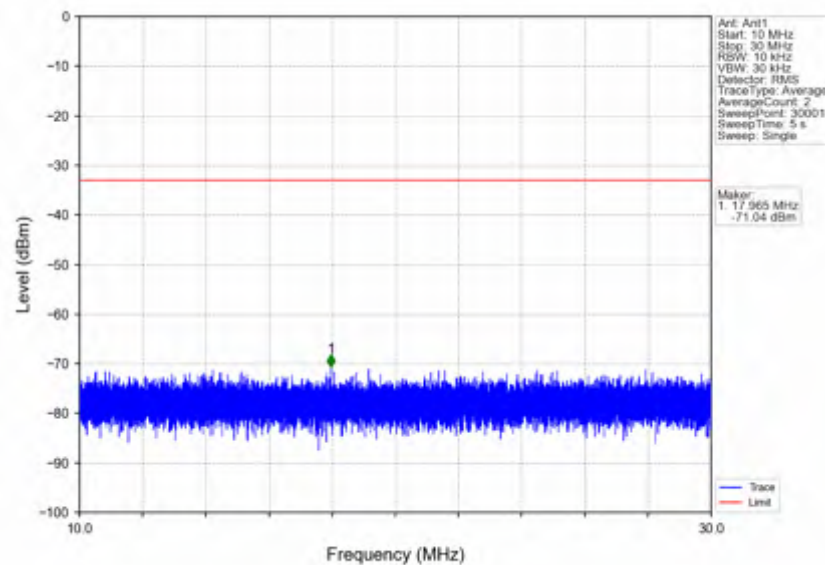
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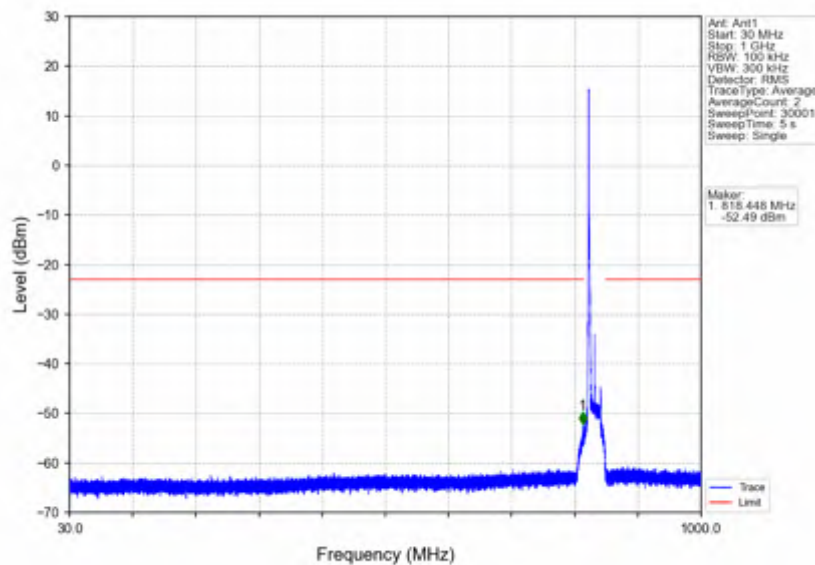
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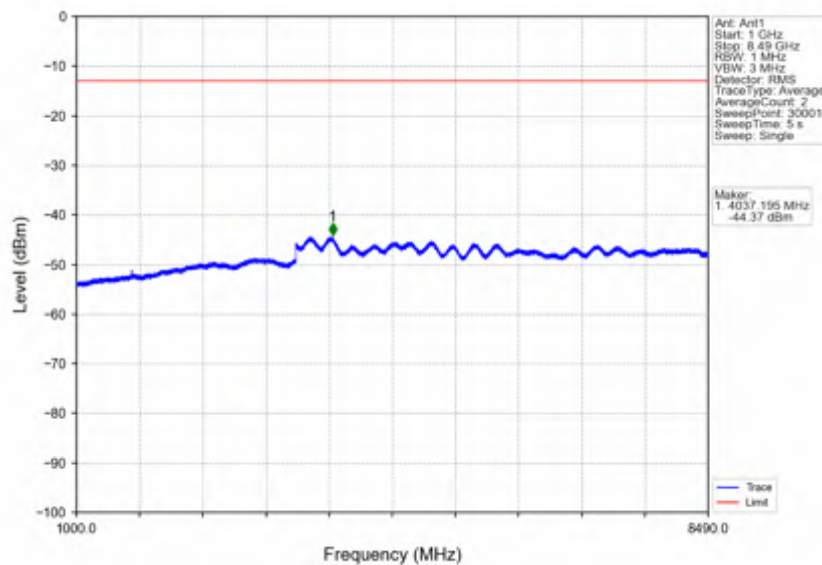
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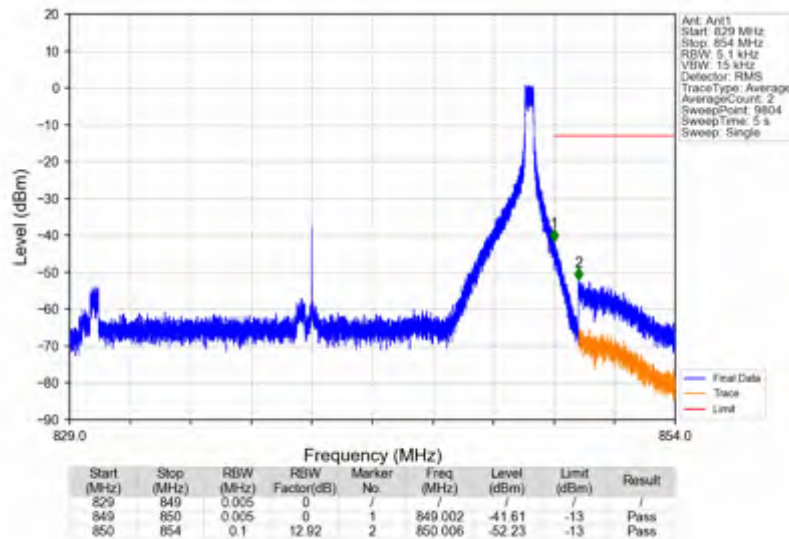
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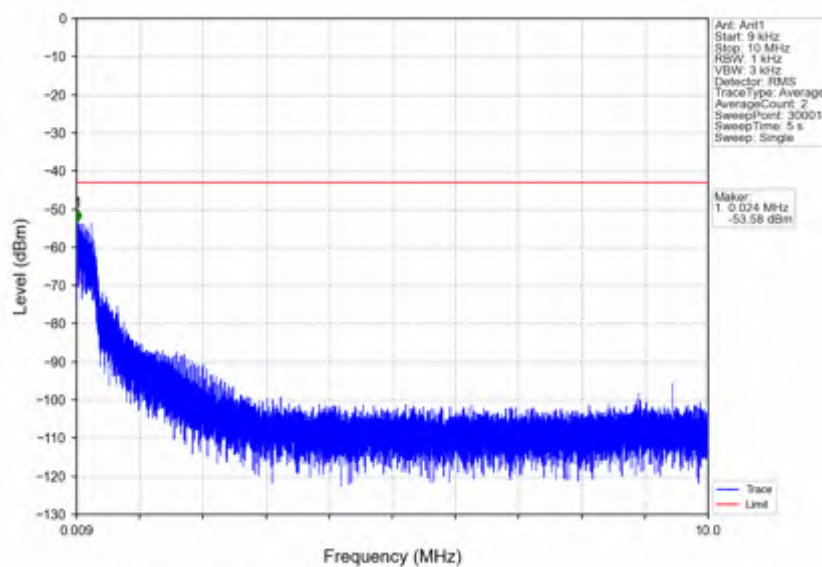
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n5_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_839MHz_Edge_1RB_Right



n5_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_839MHz_Edge_1RB_Right



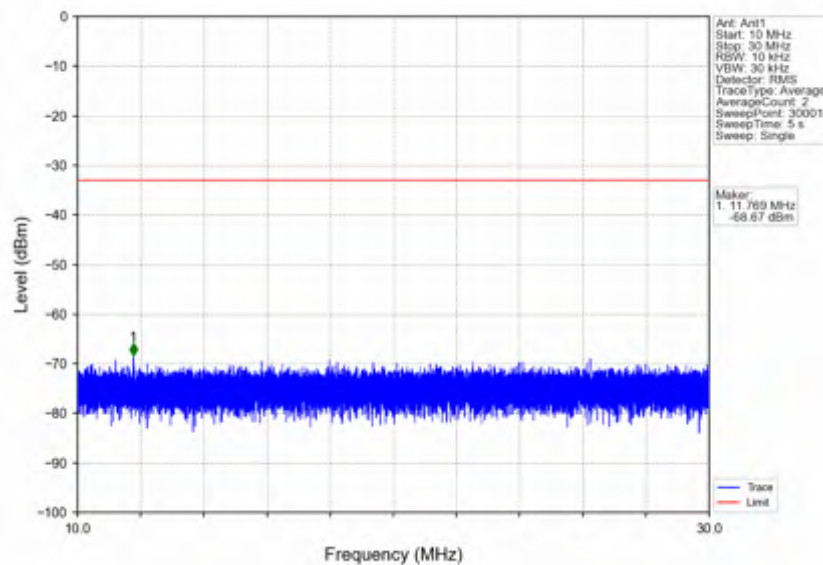
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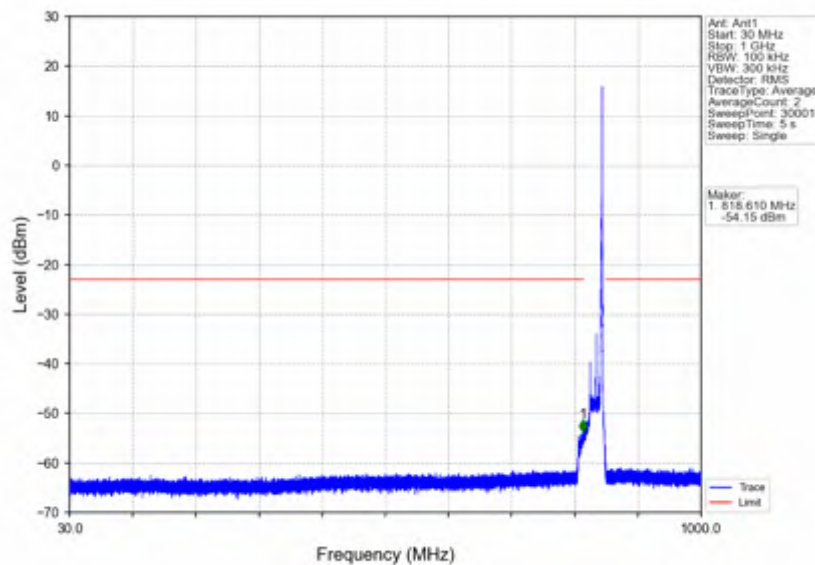
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n5_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_839MHz_Edge_1RB_Right



n5_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_839MHz_Edge_1RB_Right



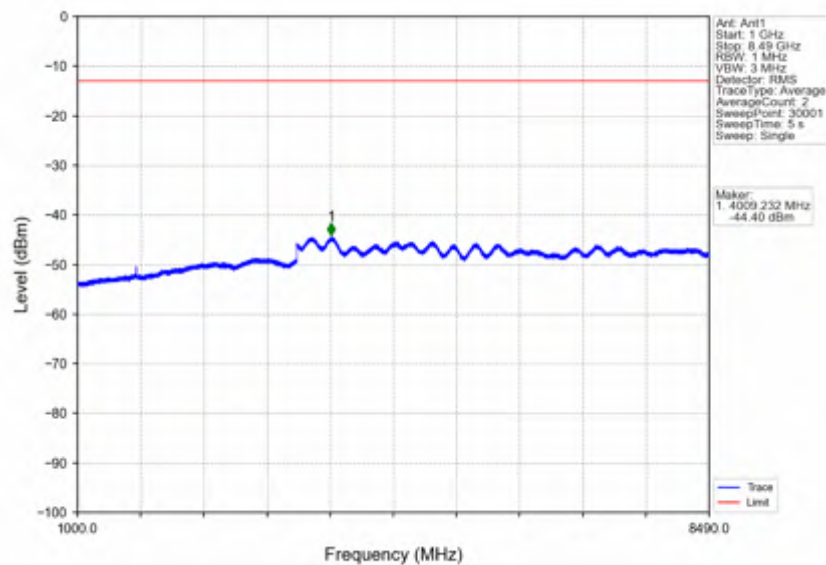
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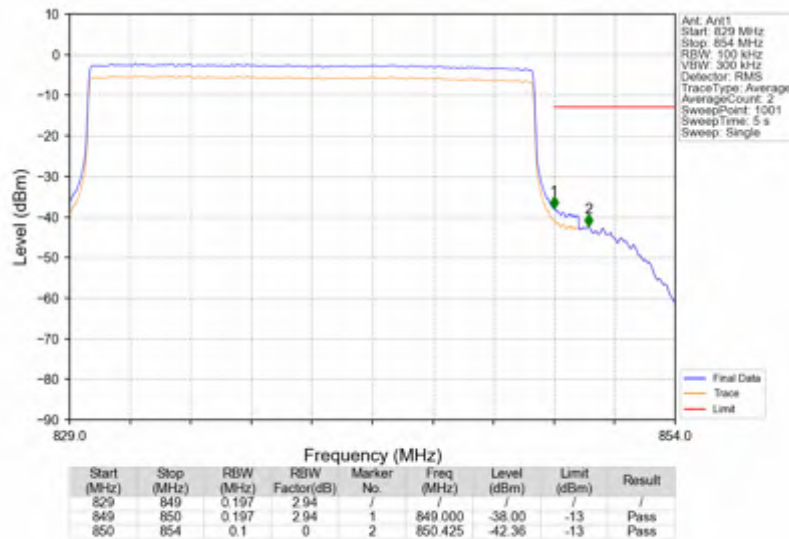
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n5 30kHz SISO NTN 20MHz CP-OFDM QPSK 839MHz Edge 1RB Right



n5 30kHz SISO NTN 20MHz CP-OFDM QPSK 839MHz Outer Full

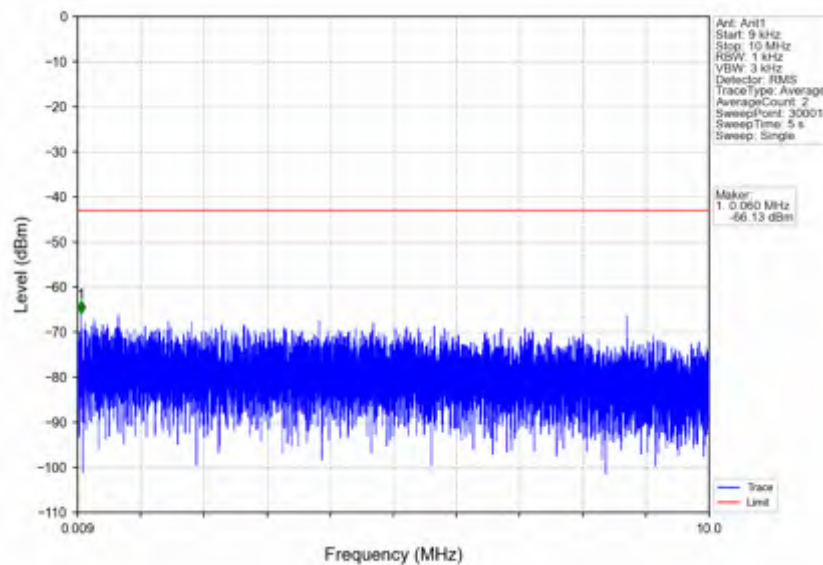


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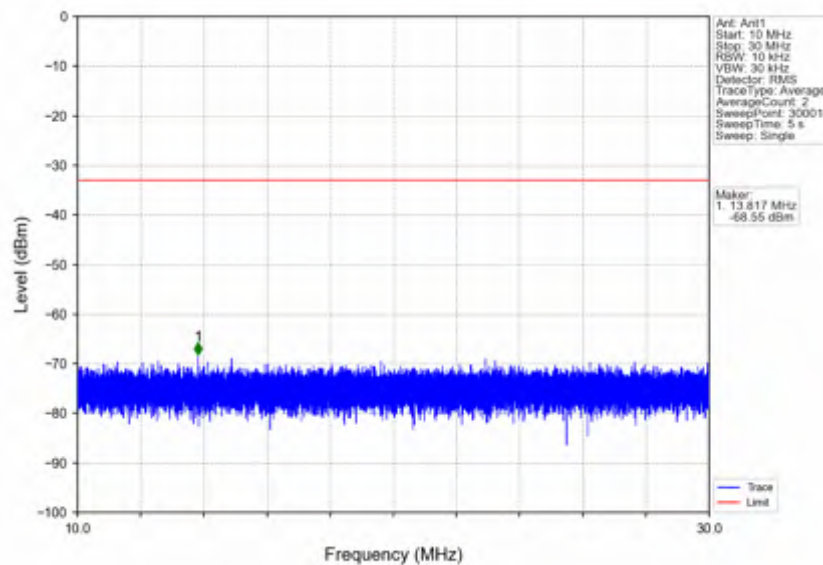
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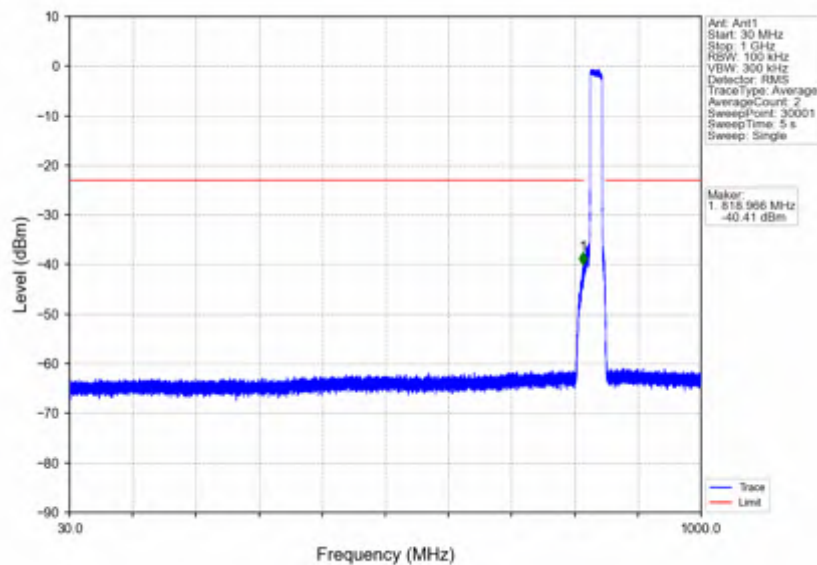
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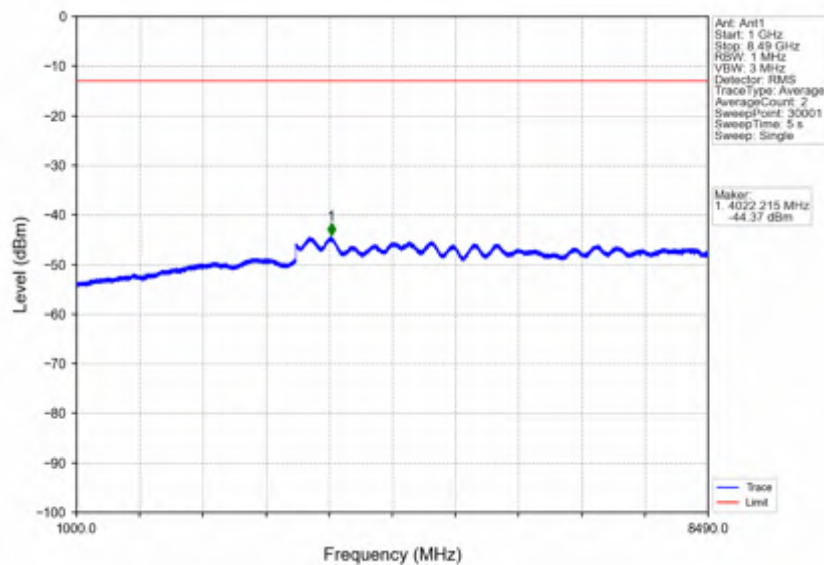
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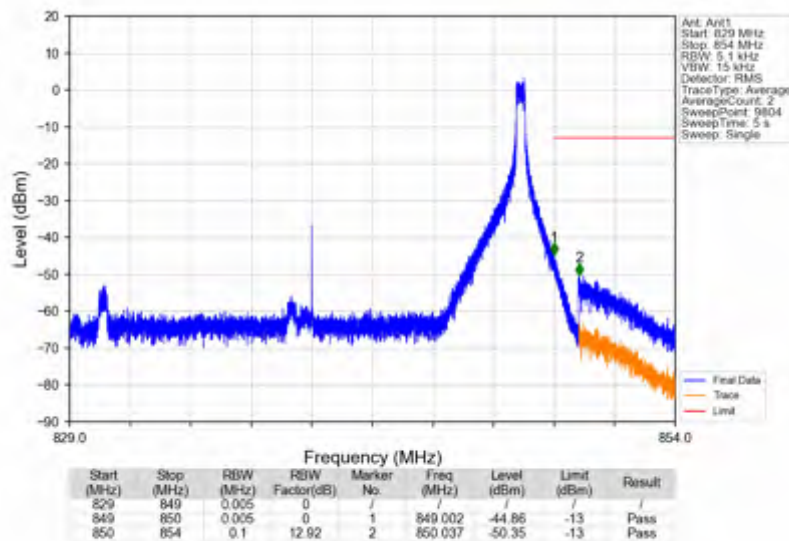


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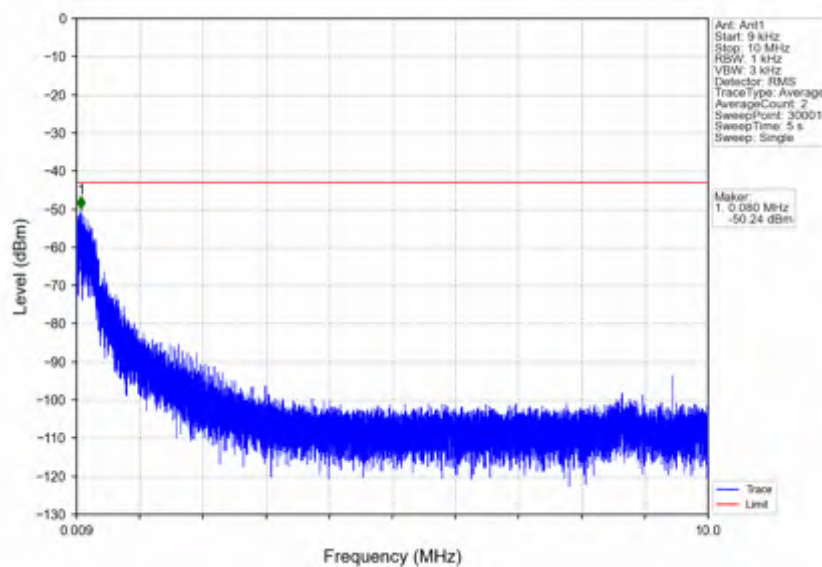
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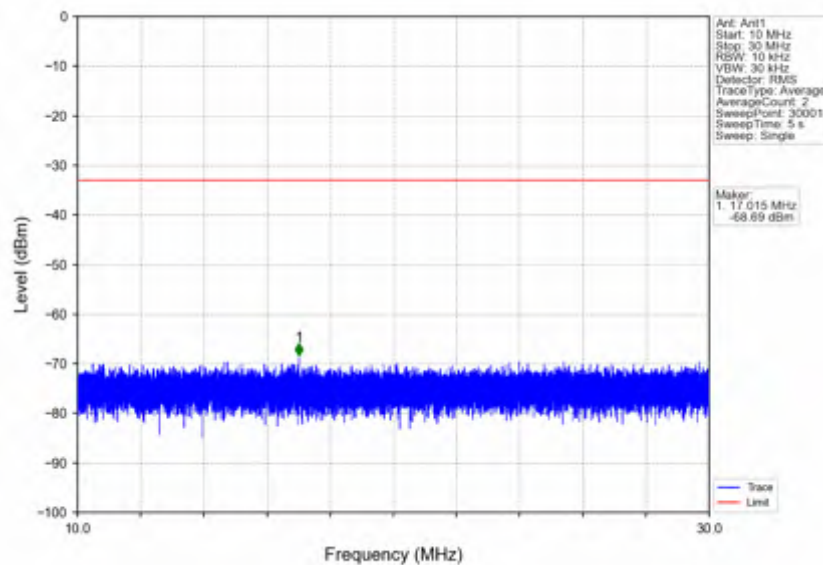
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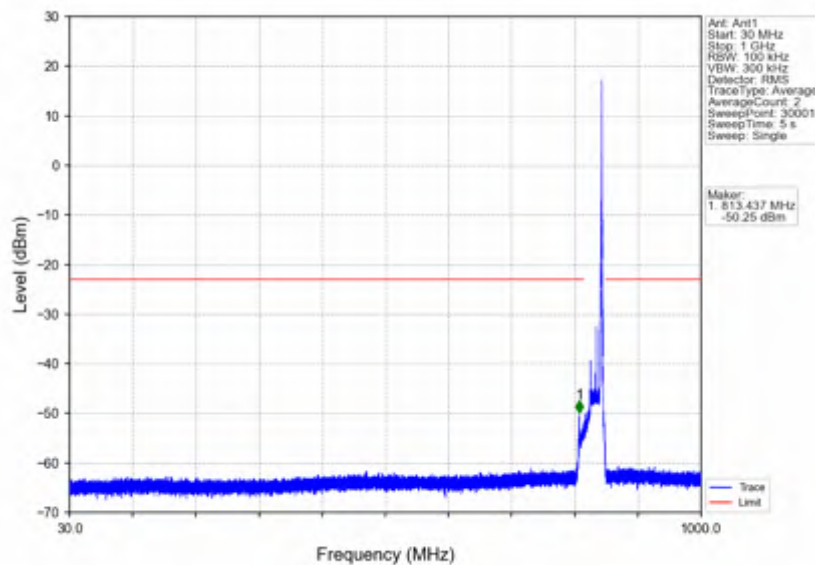
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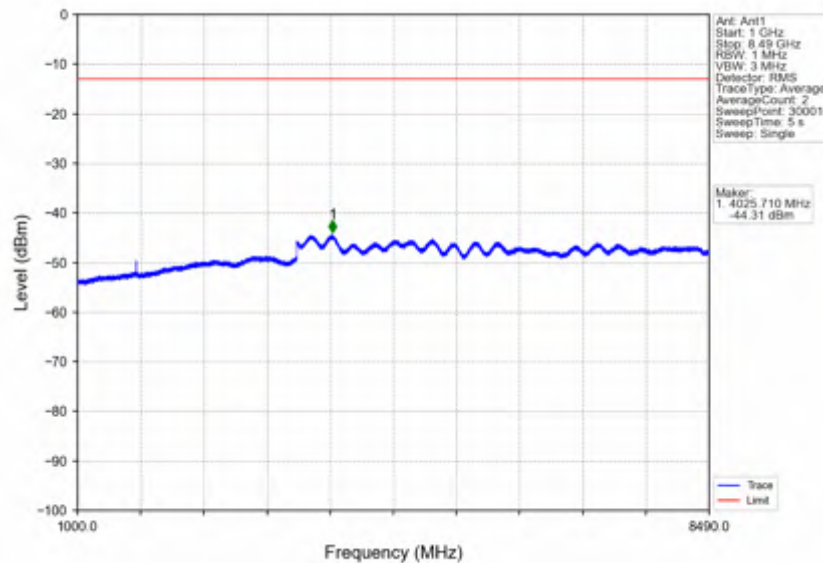
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n5_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_839MHz_Inner_1RB_Right



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3. n7 Spurious Emission

3.1 15k_SISO_5MHz_NTNV

3.1.1 Test Result

5G NR n7 SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant1	Ant2	Sum	
DFT-s-OFDM PI/2 BPSK	2502.5	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	2535	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	2502.5	Inner_1RB_Right	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
	2535	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	2567.5	Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Right	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
	2502.5	Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass



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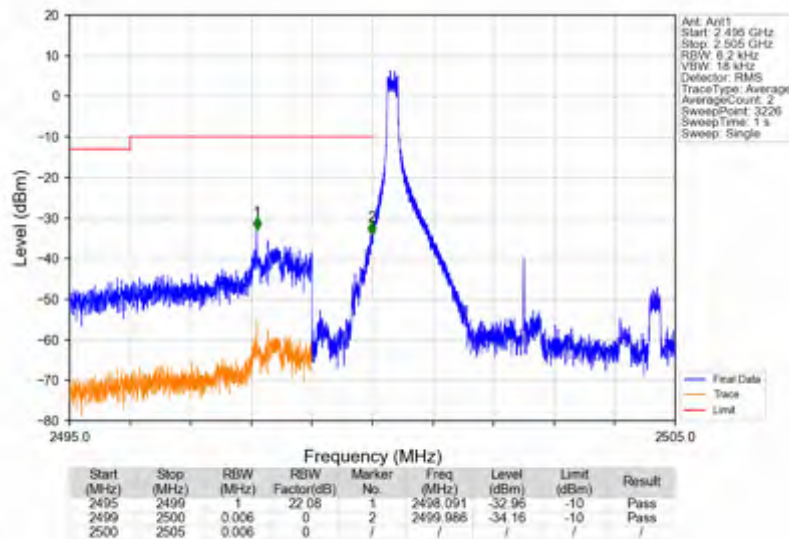
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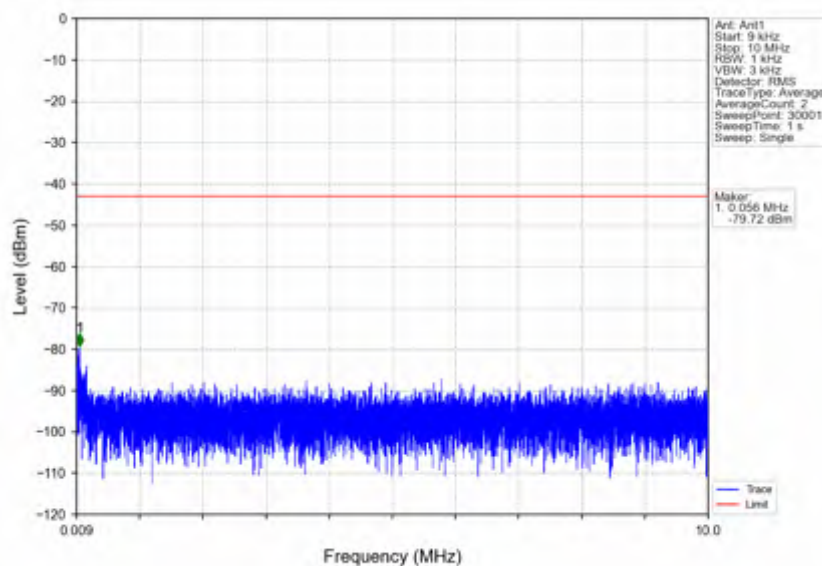
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3.1.2 Test Graph

n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2502.5MHz_Edge_1RB_Left



n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2502.5MHz_Edge_1RB_Left



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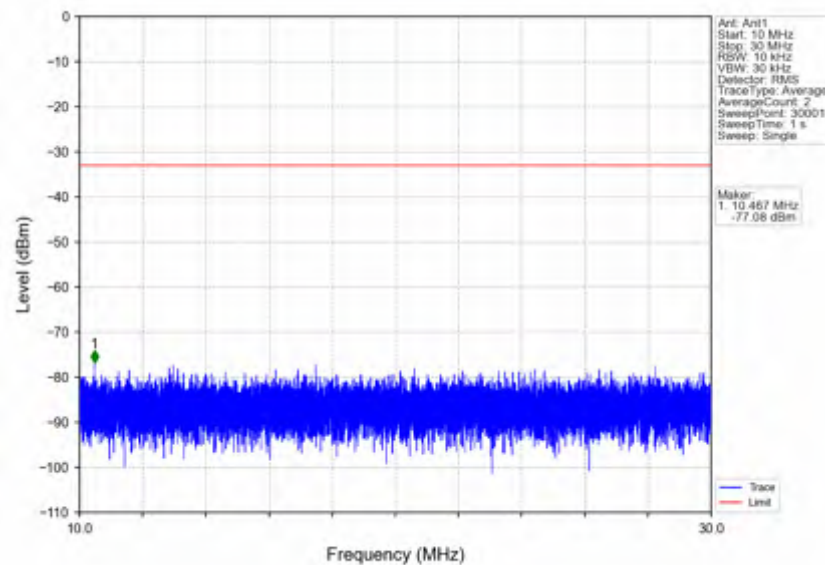
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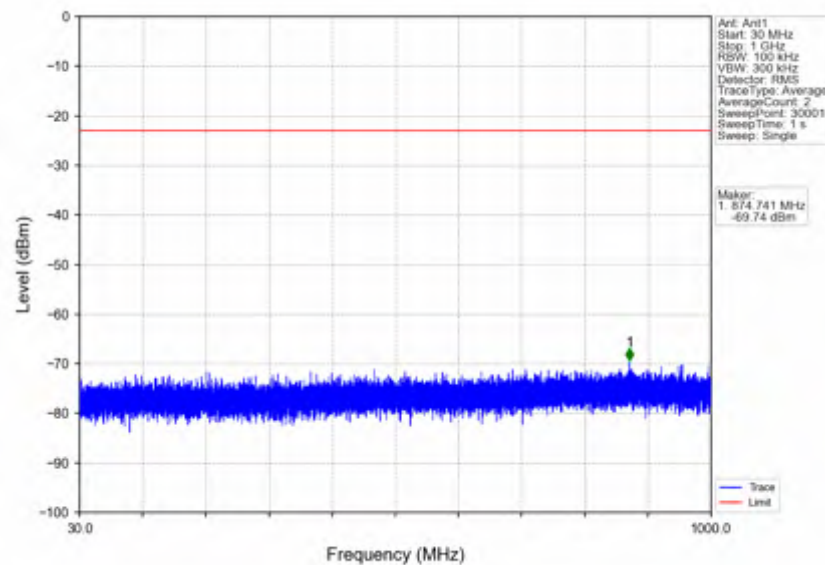
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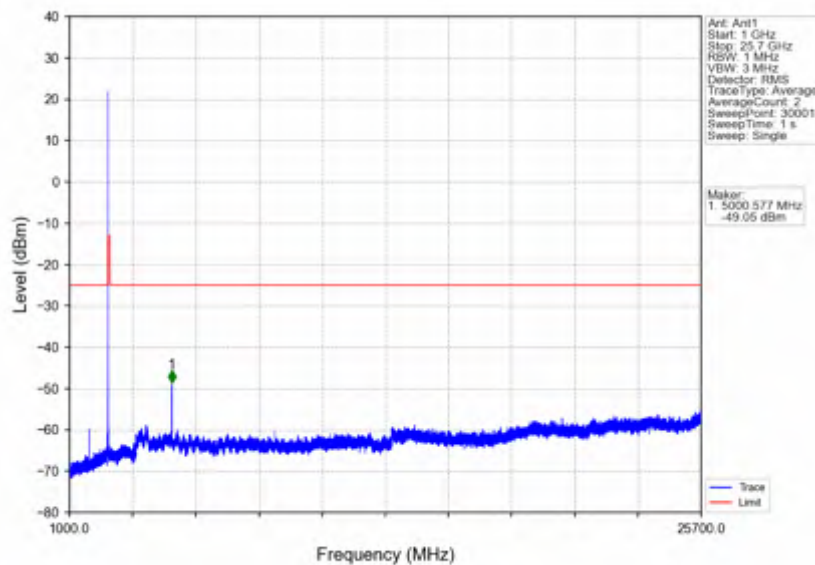
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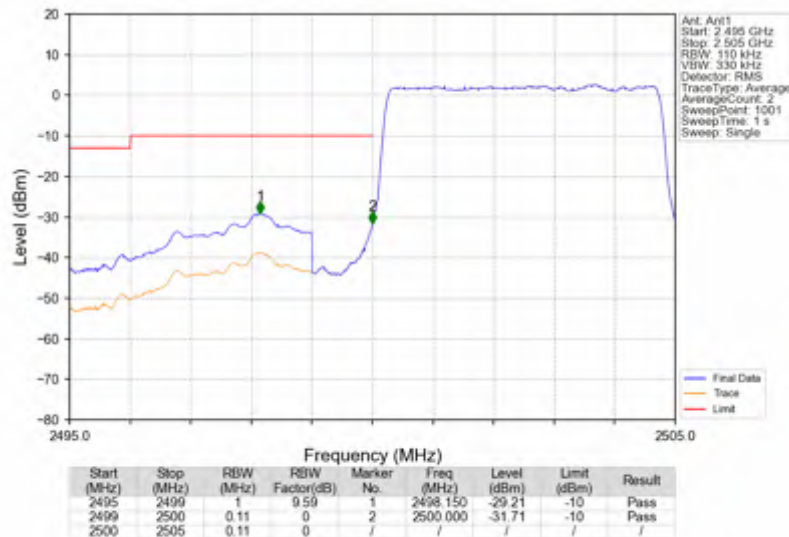
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n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_2502.5MHz_Outer_Full



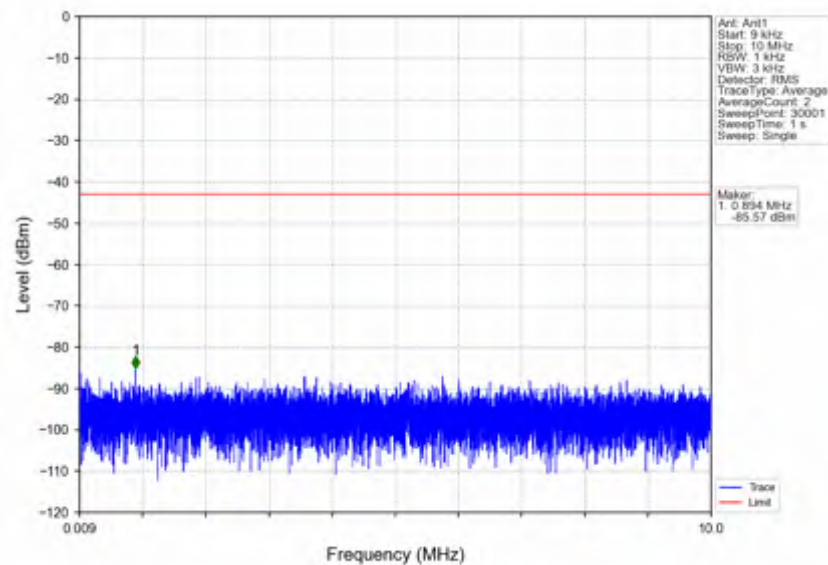
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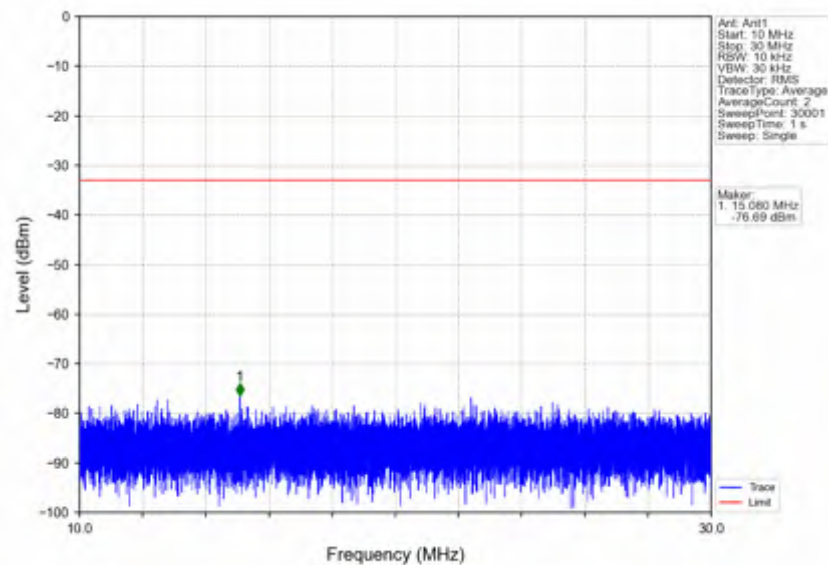
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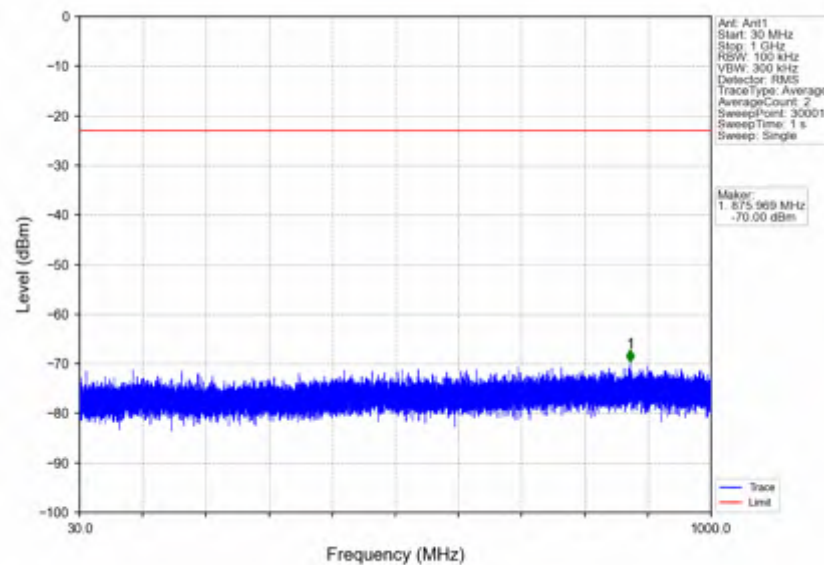
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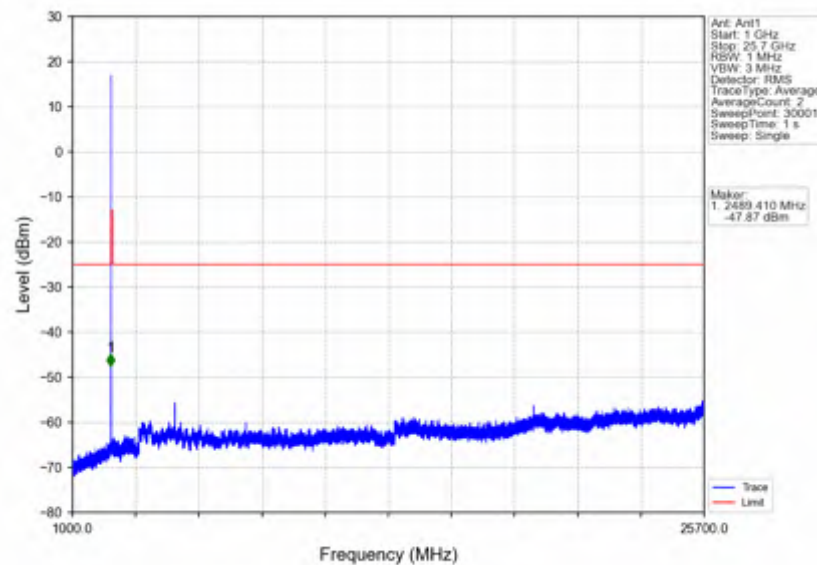
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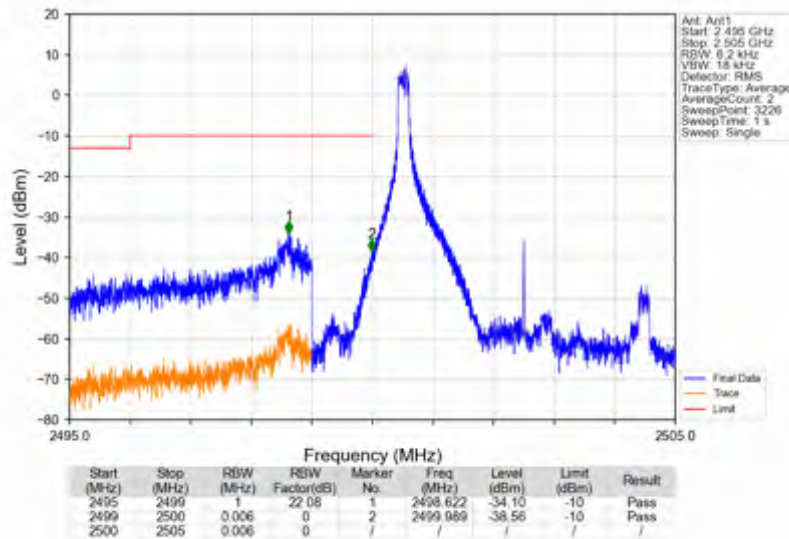
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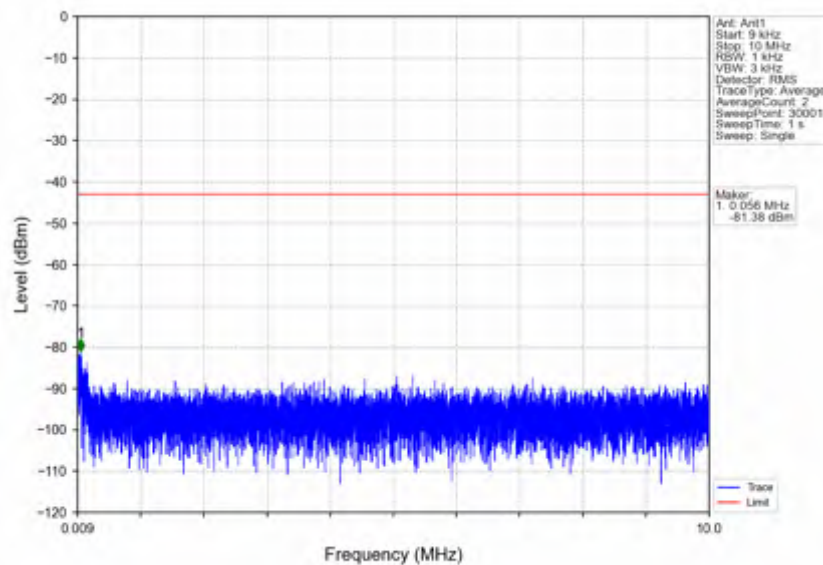
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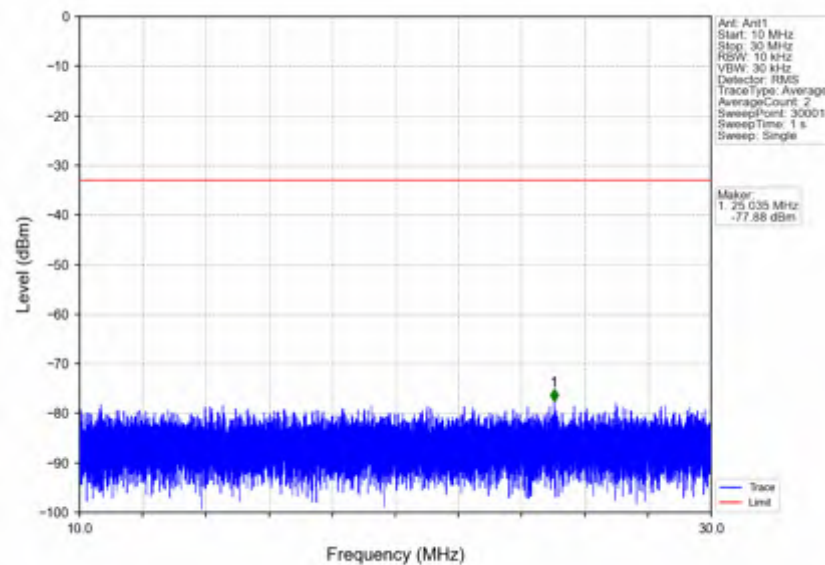
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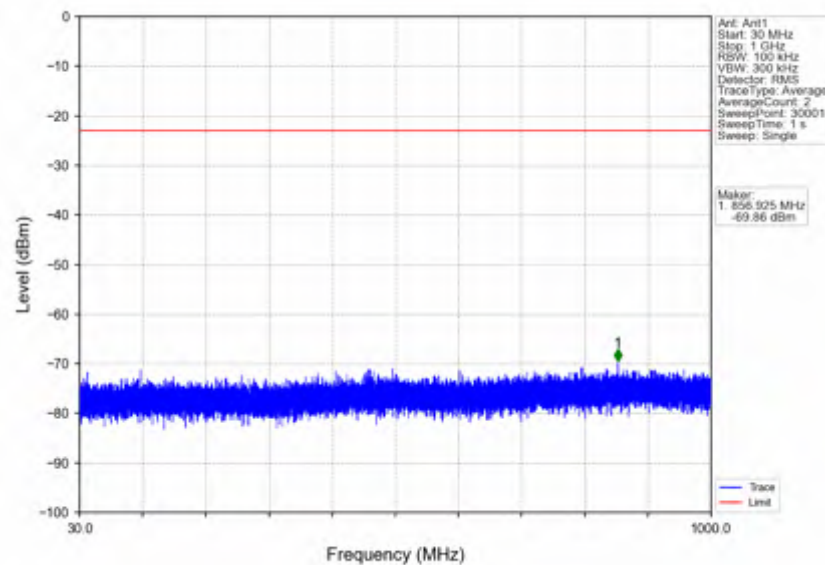
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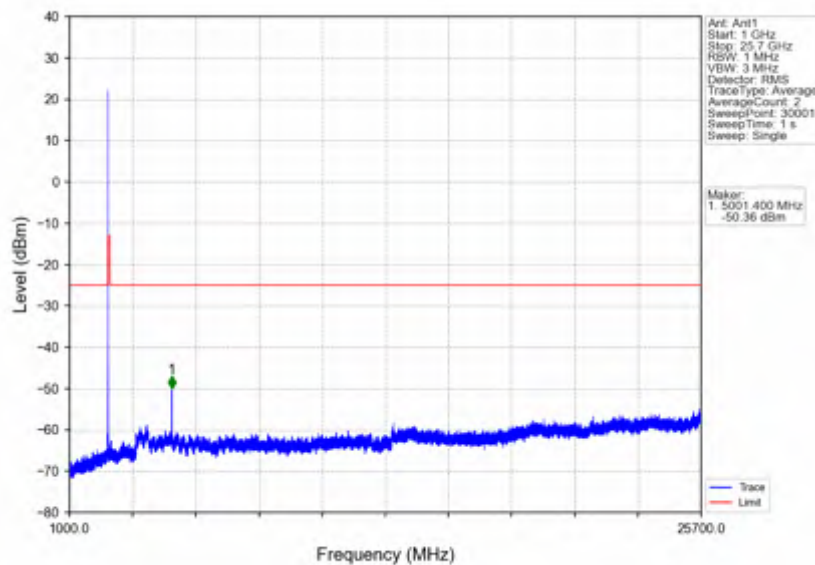
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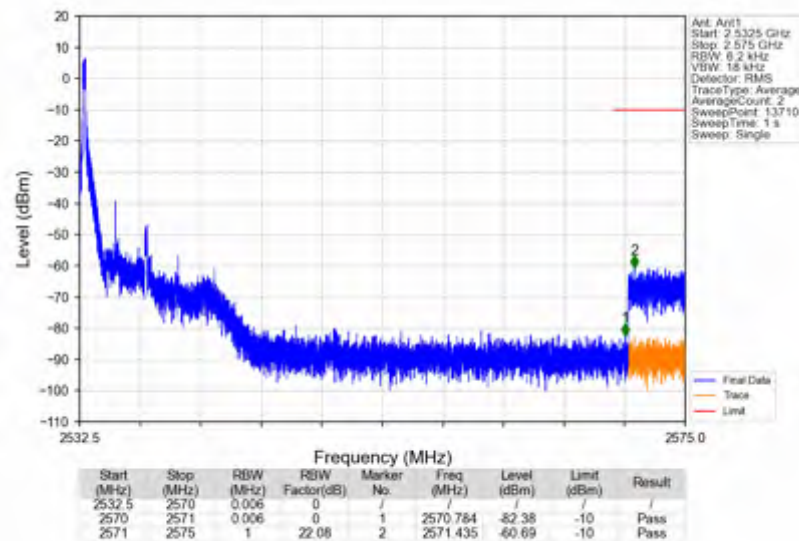
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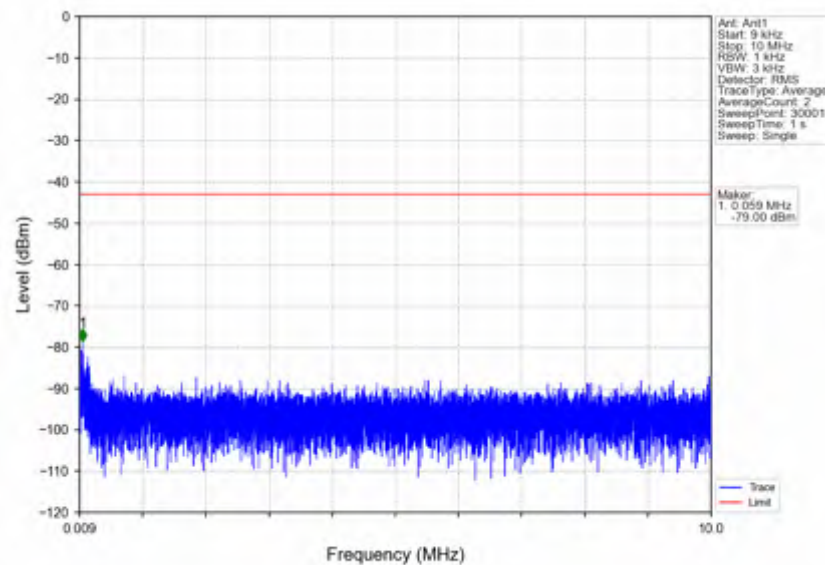


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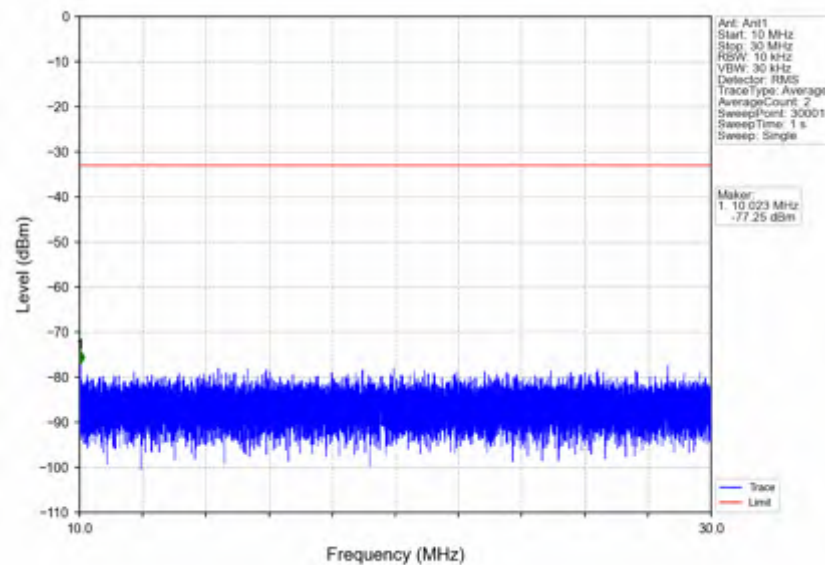
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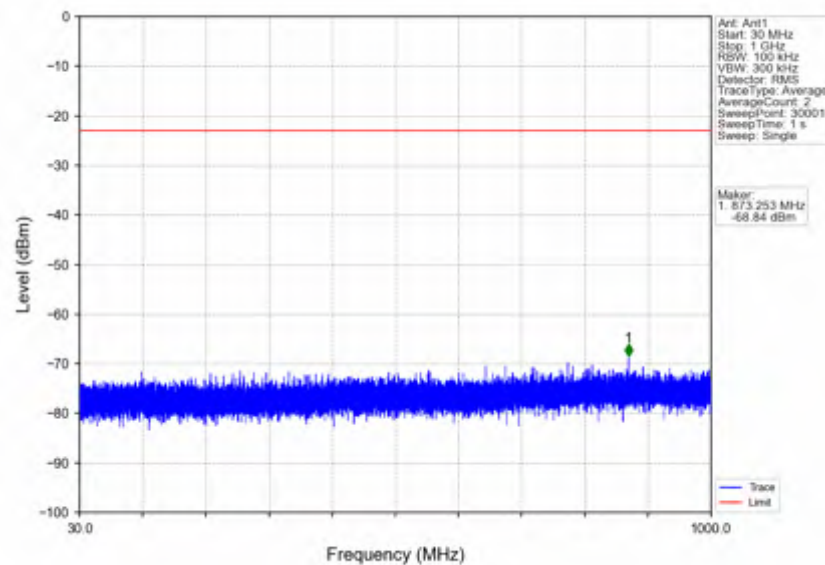
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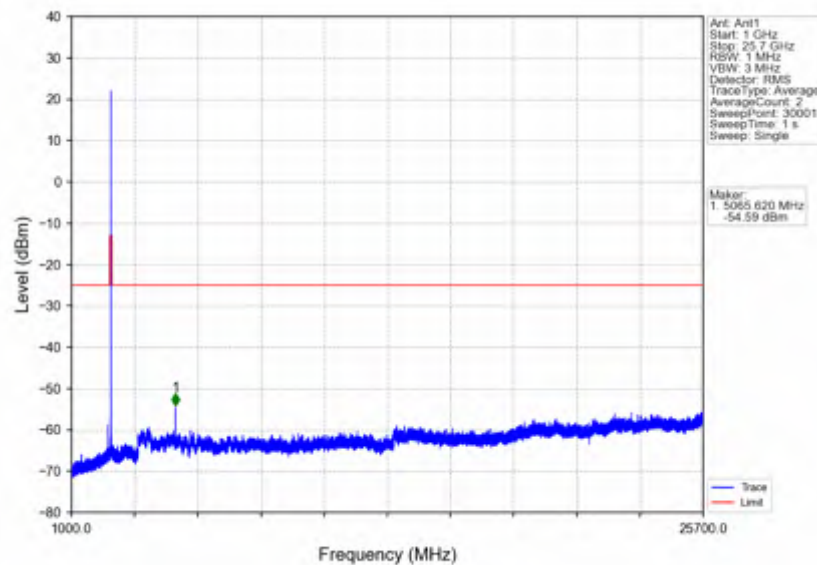
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n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_2535MHz_Edge_1RB_Left



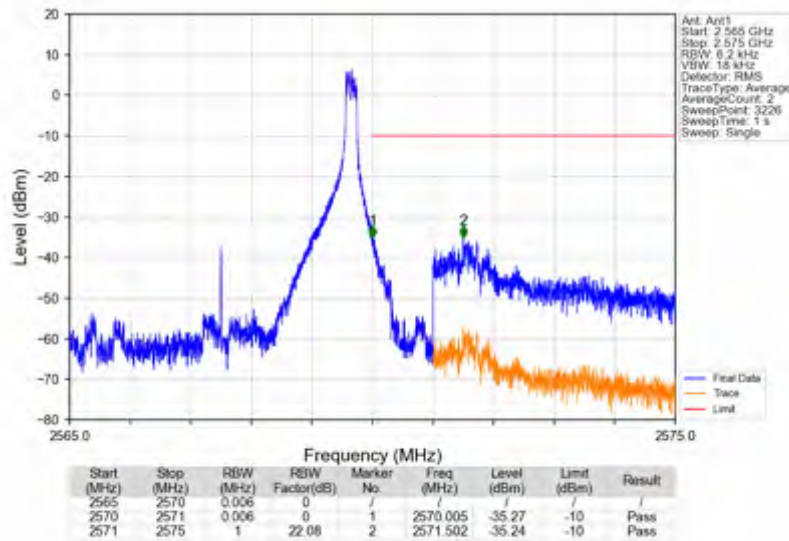
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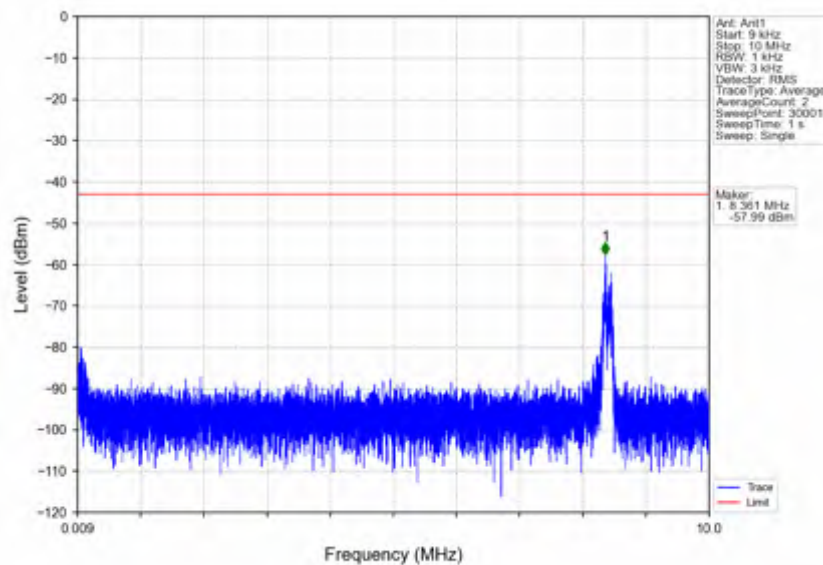
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n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_2567.5MHz_Edge_1RB_Right



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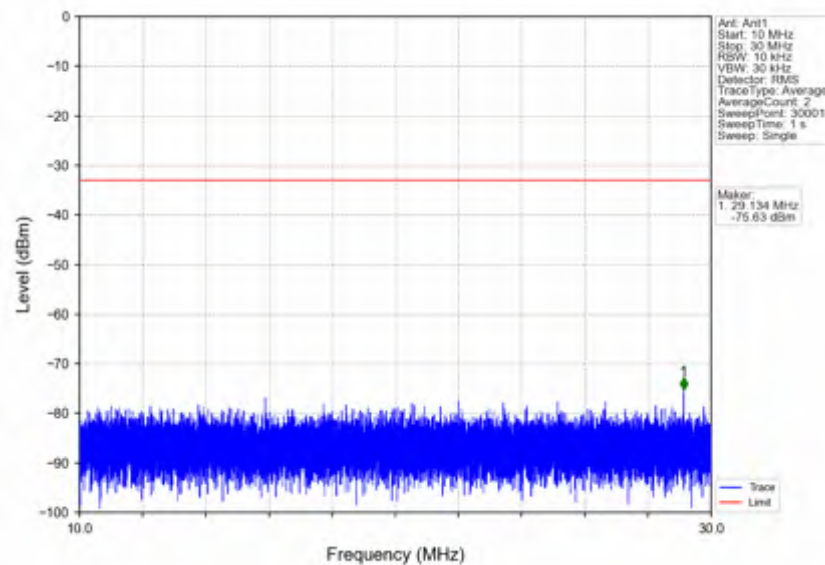
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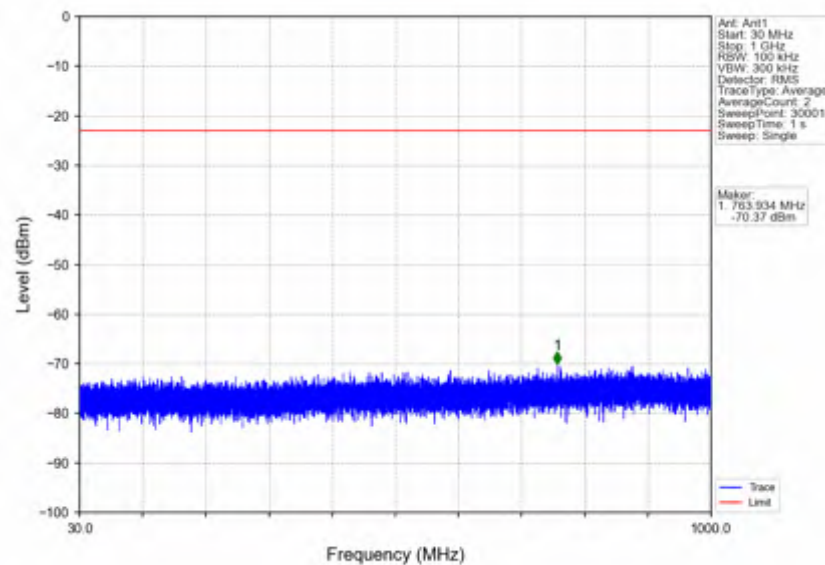
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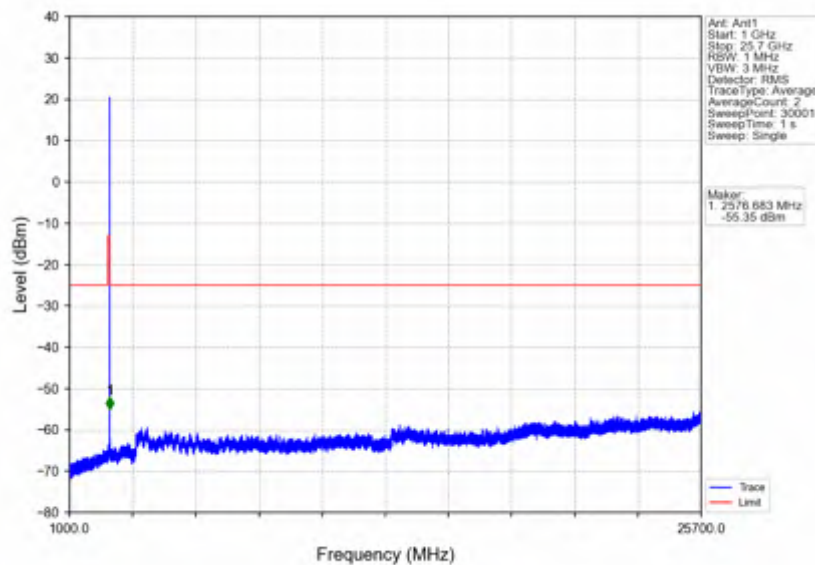
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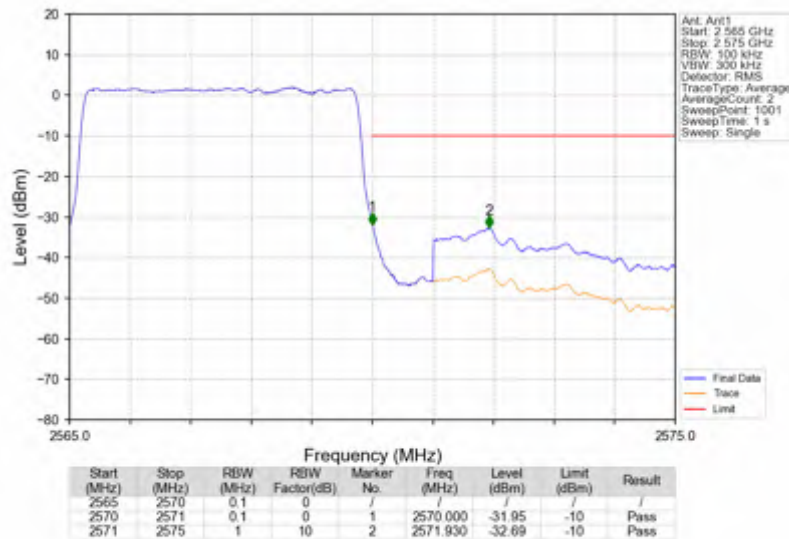
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n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_2567.5MHz_Outer_Full



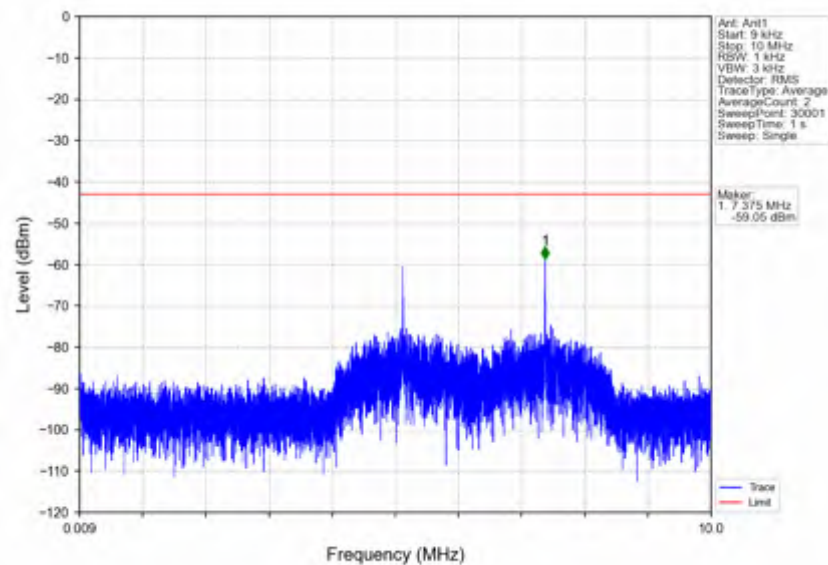
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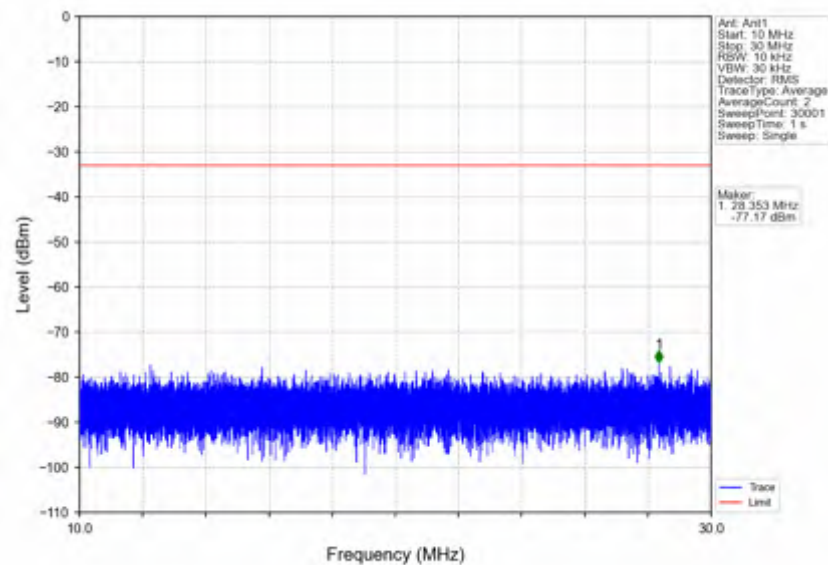
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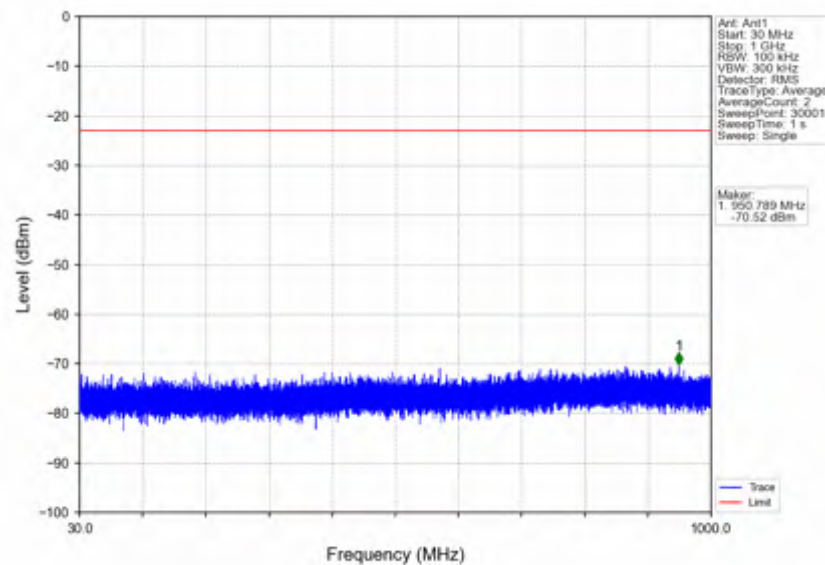
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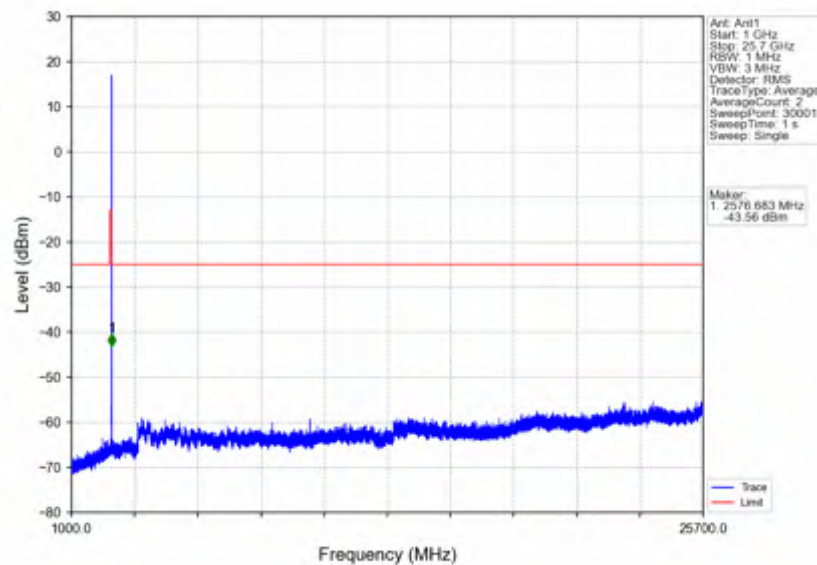
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n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2567.5MHz_Outer_Full



n7	15kHz	SISO	NTNV	5MHz	DFT-s-OFDM	PI/2 BPSK	2567.5MHz	Outer	Full
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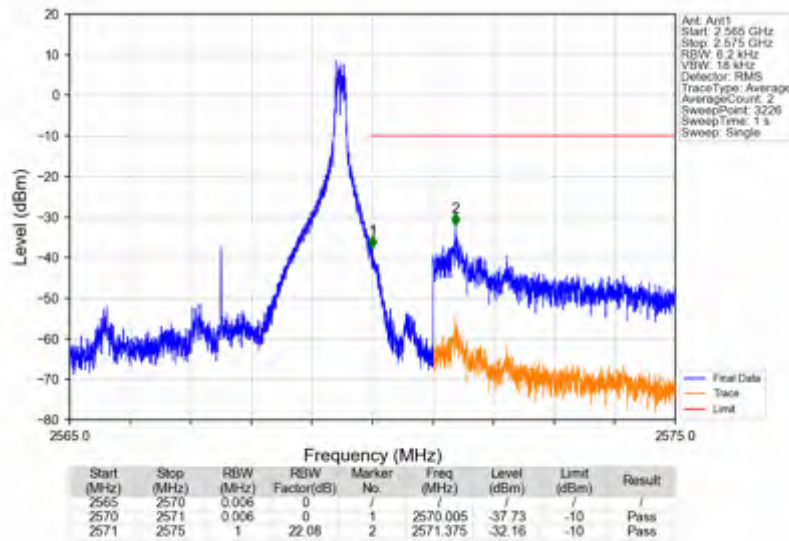


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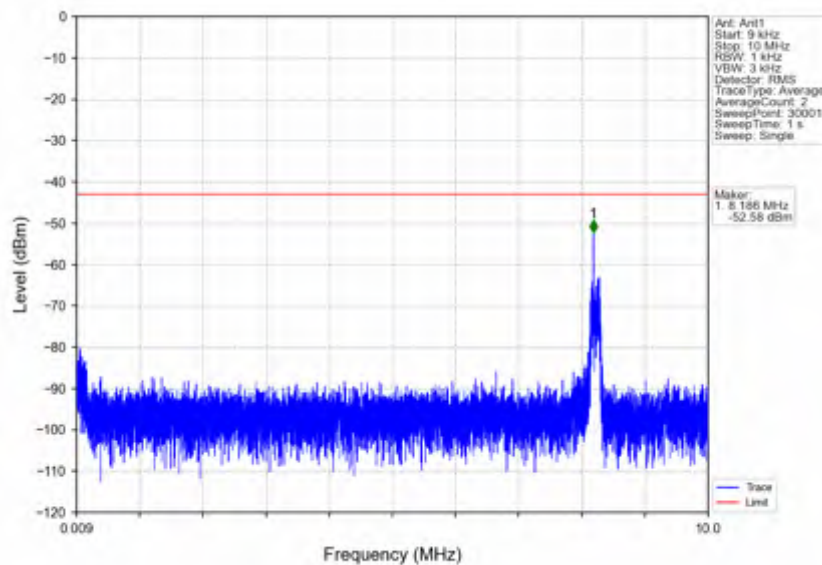
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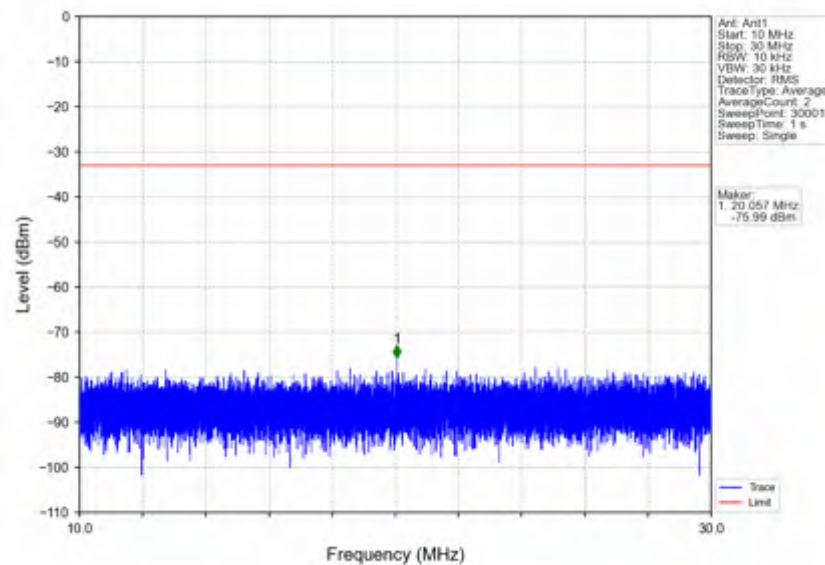
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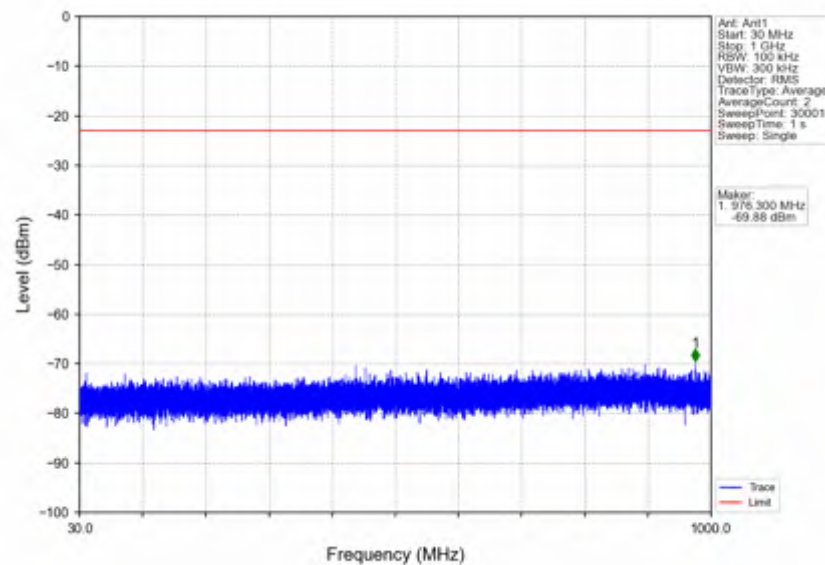
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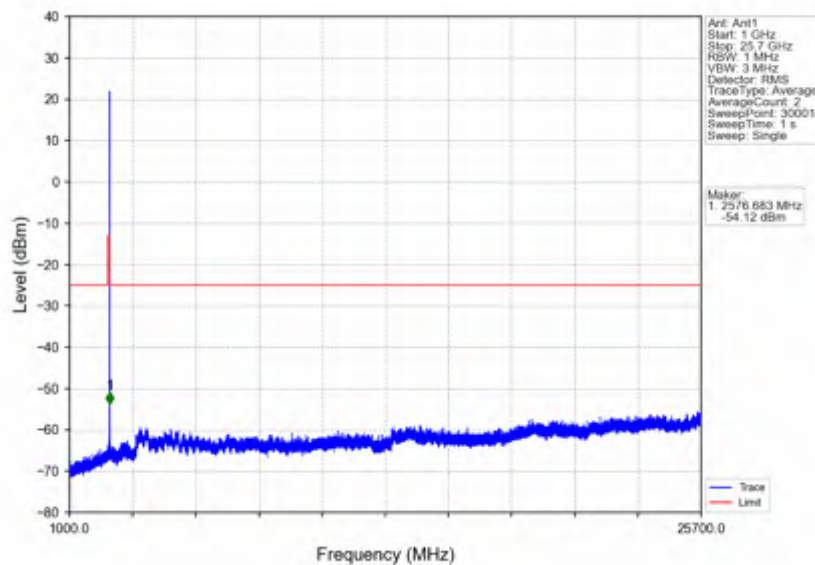
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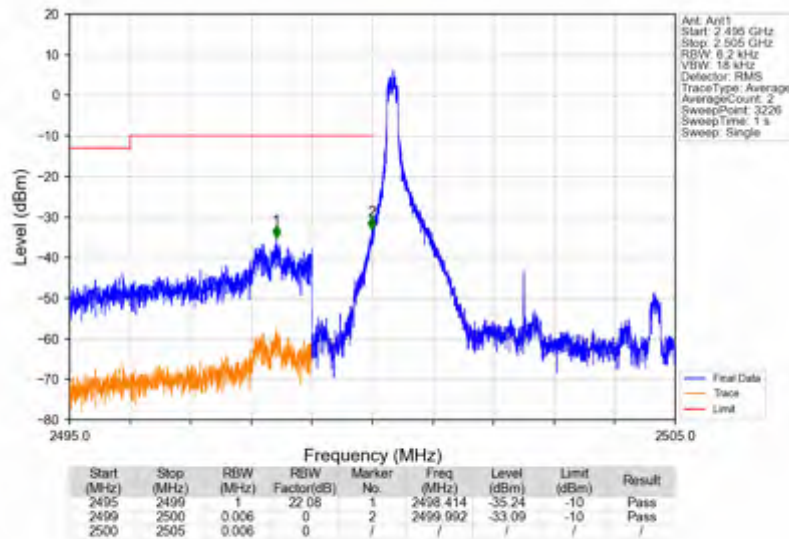
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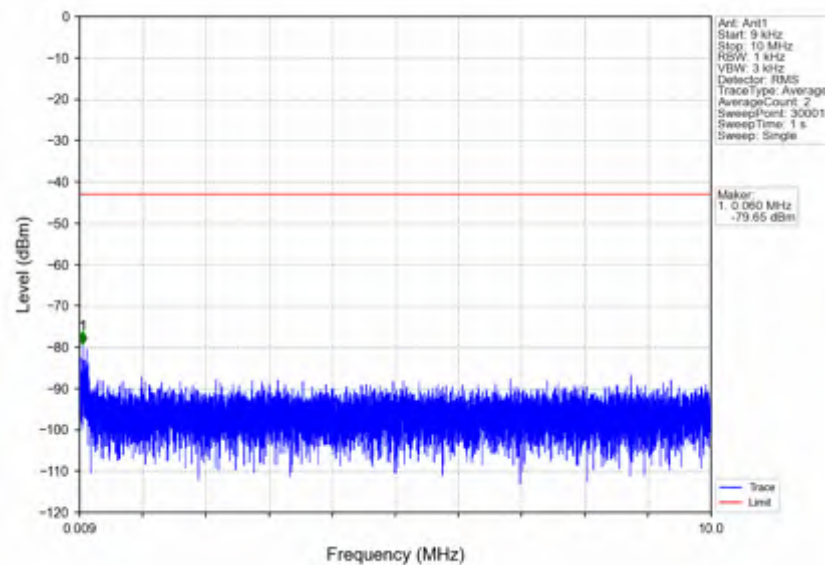
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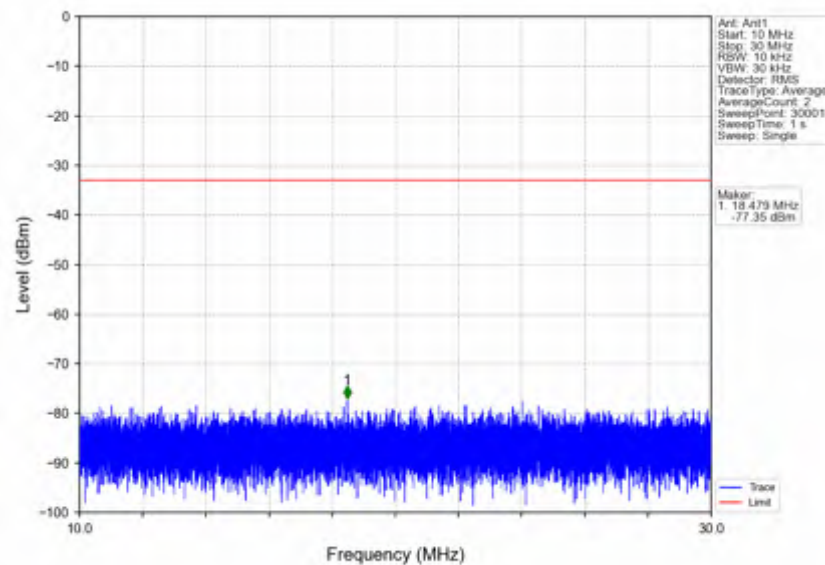
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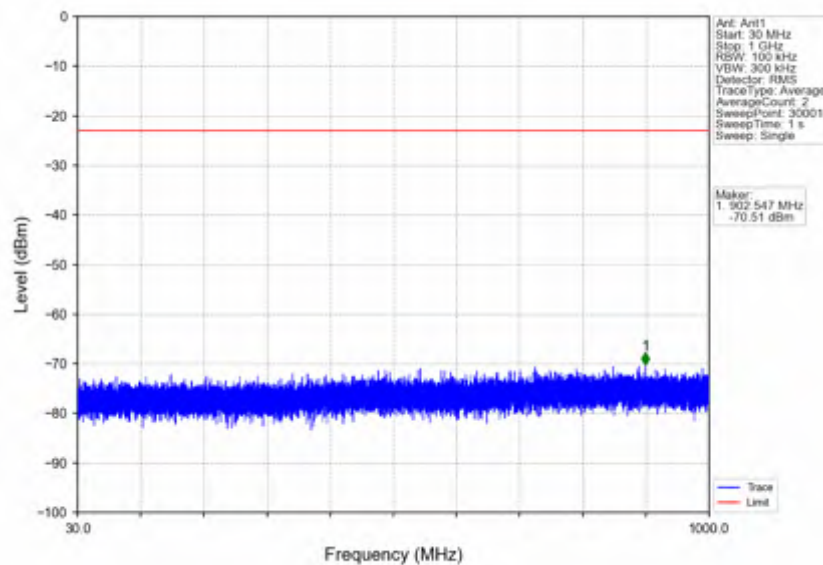
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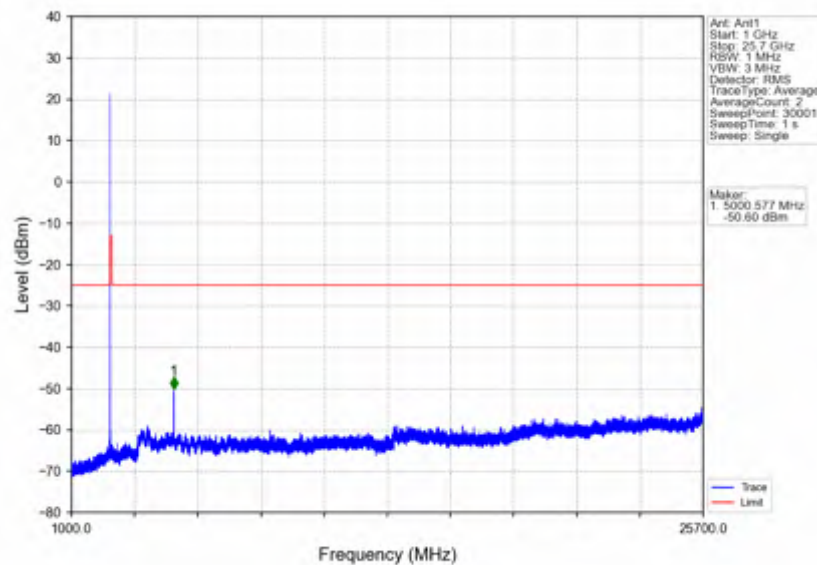
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