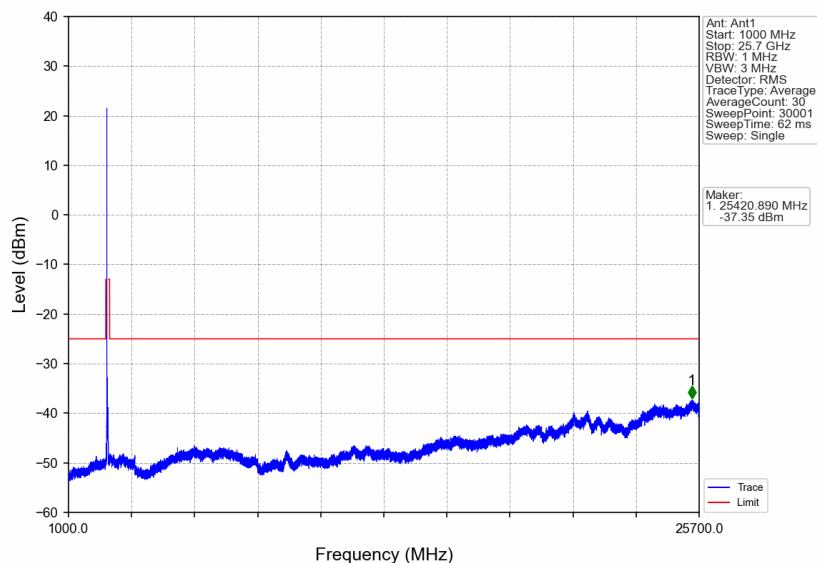


Report No.: SEWM2311000456RG02

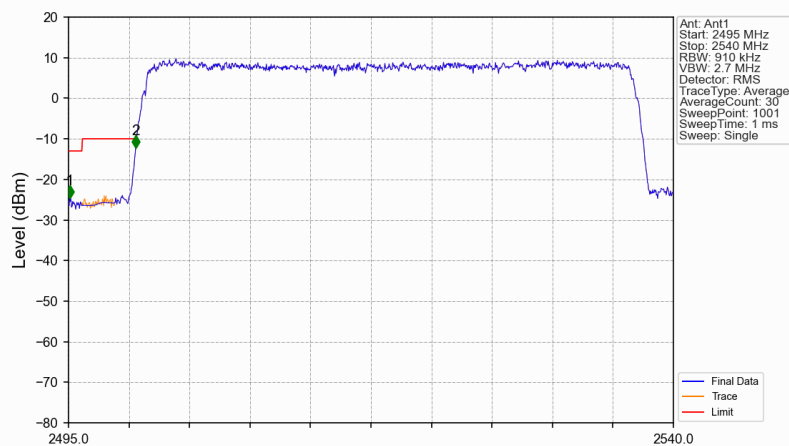
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n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2520MHz_Edge_1RB_Left



n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2520MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2495	2499	1	CHP	1	2495.090	-24.62	-13	Pass
2499	2500	0.91	/	2	2499.995	-12.35	-10	Pass
2500	2540	0.91	/	/	/	/	/	/



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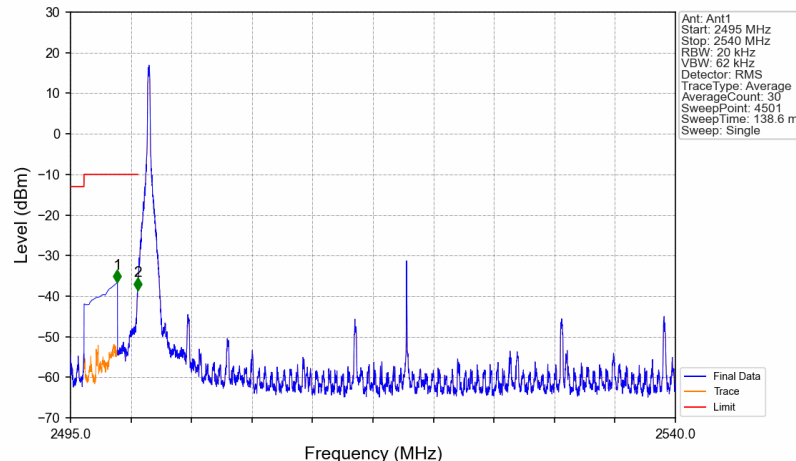
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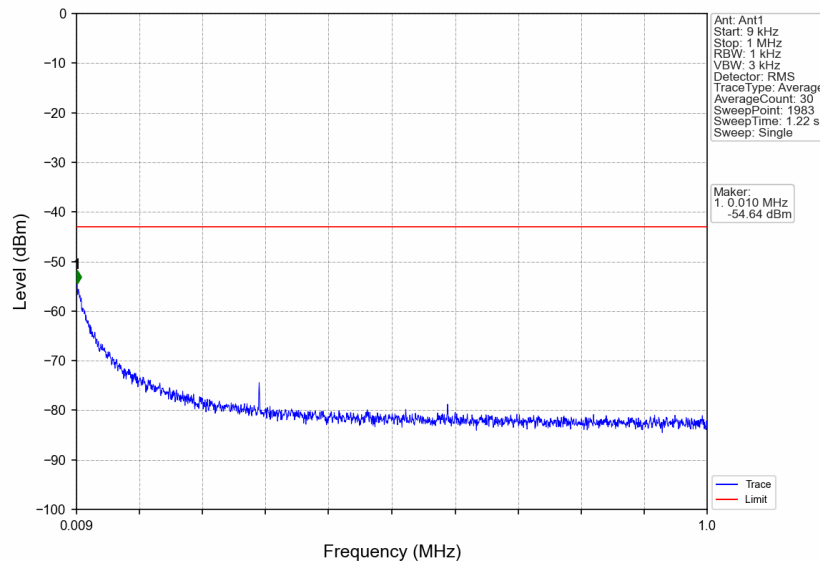
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n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2520MHz_Inner_1RB_Left



n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2535MHz_Edge_1RB_Left



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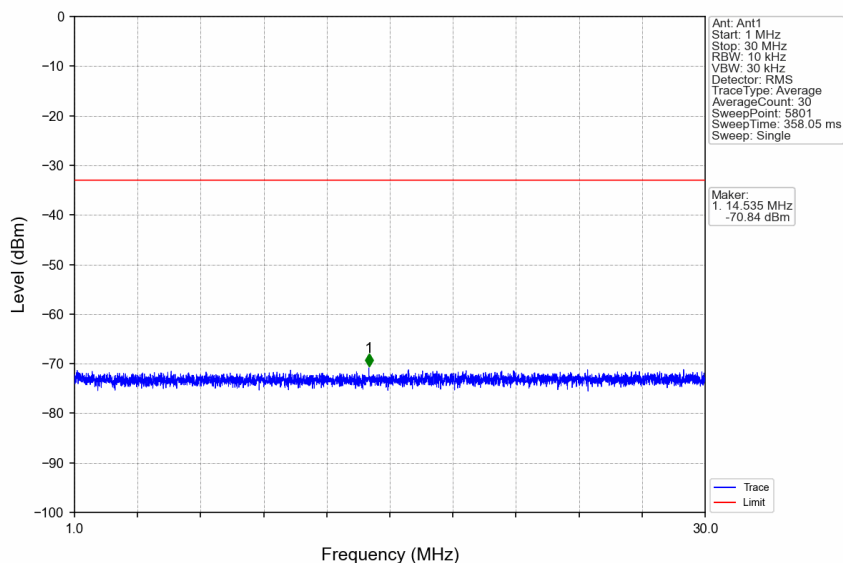
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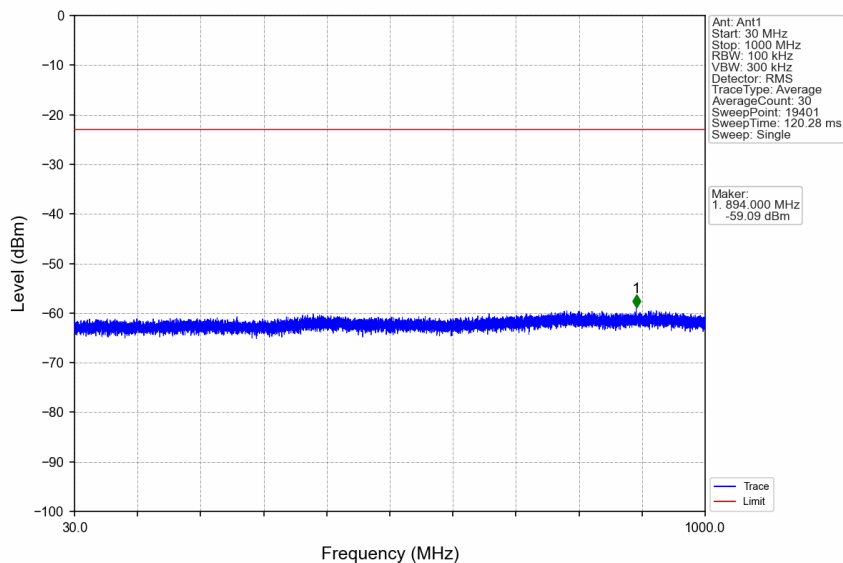
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n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2535MHz_Edge_1RB_Left



n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2535MHz_Edge_1RB_Left



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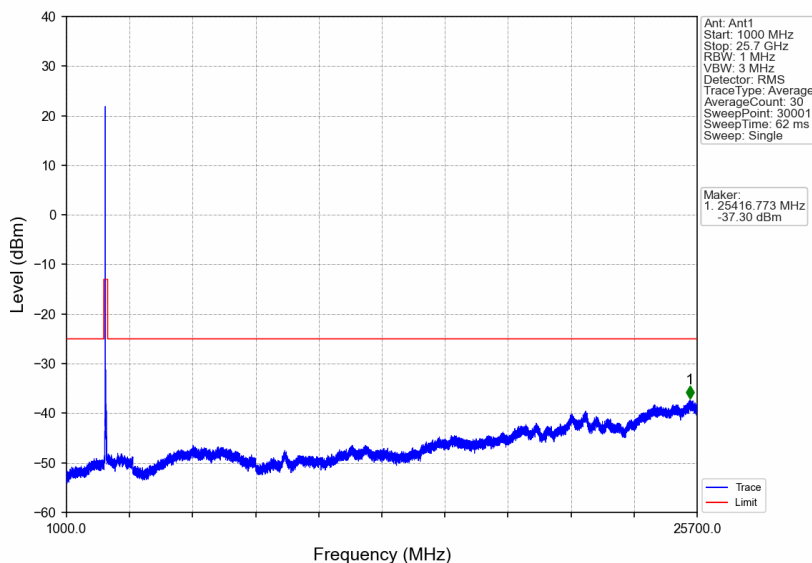
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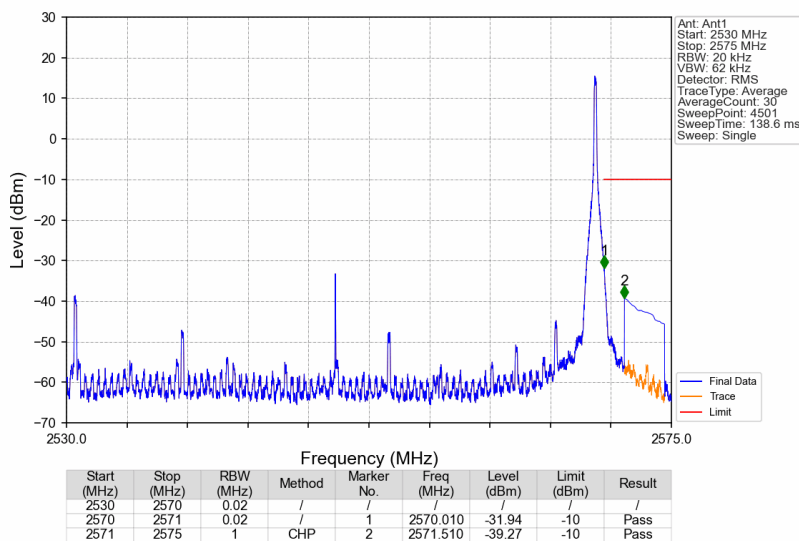
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n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2535MHz_Edge_1RB_Left



n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2550MHz_Edge_1RB_Right



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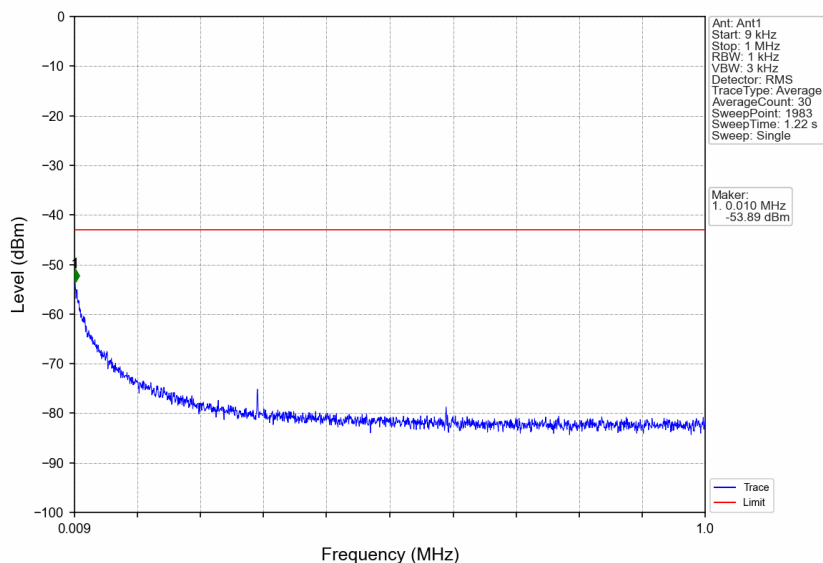
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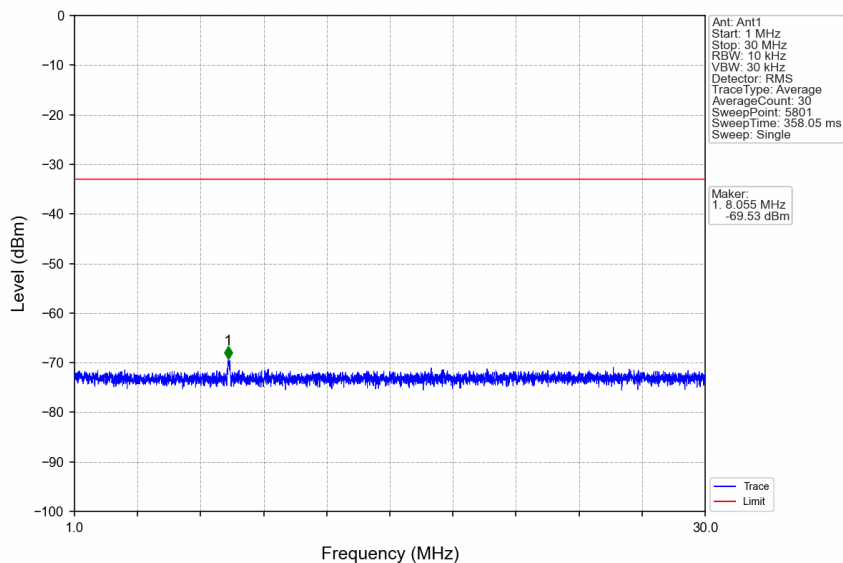
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n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2550MHz_Edge_1RB_Right



n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2550MHz_Edge_1RB_Right



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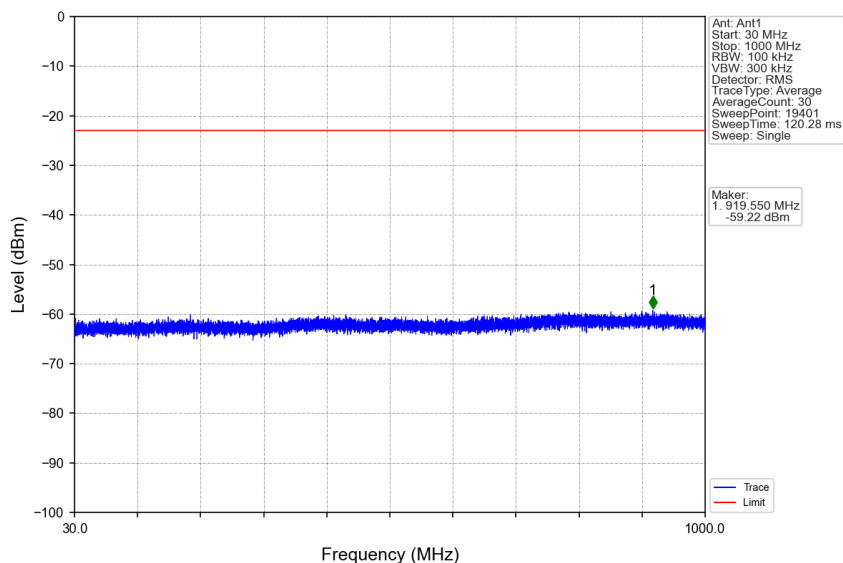
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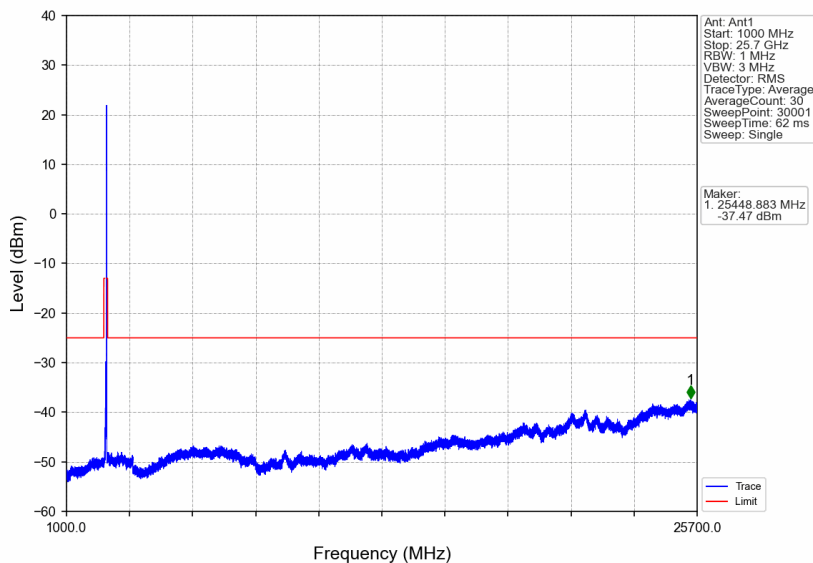
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n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2550MHz_Edge_1RB_Right



n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2550MHz_Edge_1RB_Right



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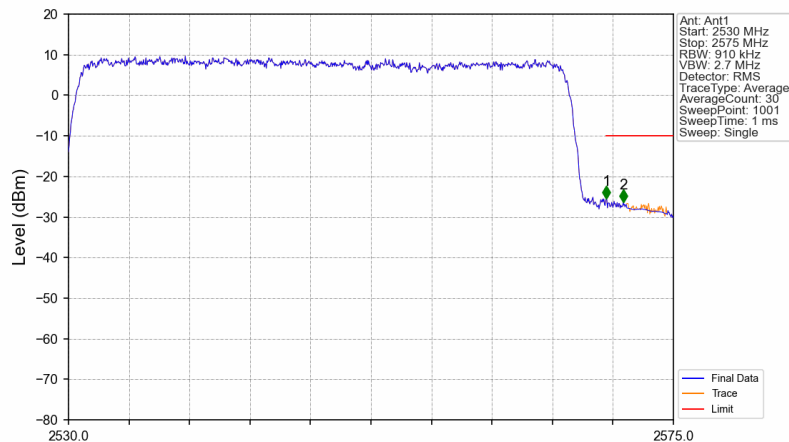
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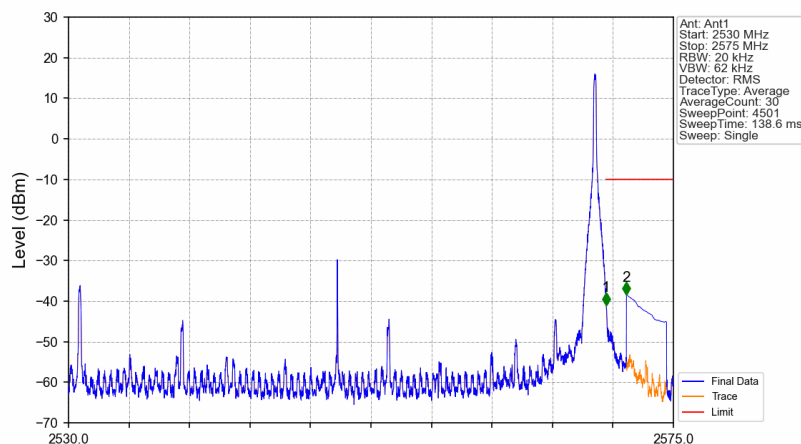
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n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2550MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2530	2570	0.91	/	/	/	/	/	/
2570	2571	0.91	/	1	2570.005	-25.57	-10	Pass
2571	2575	1	CHP	2	2571.265	-26.40	-10	Pass

n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_2550MHz_Inner_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2530	2570	0.02	/	/	/	/	/	/
2570	2571	0.02	/	1	2570.000	-40.99	-10	Pass
2571	2575	1	CHP	2	2571.510	-38.41	-10	Pass



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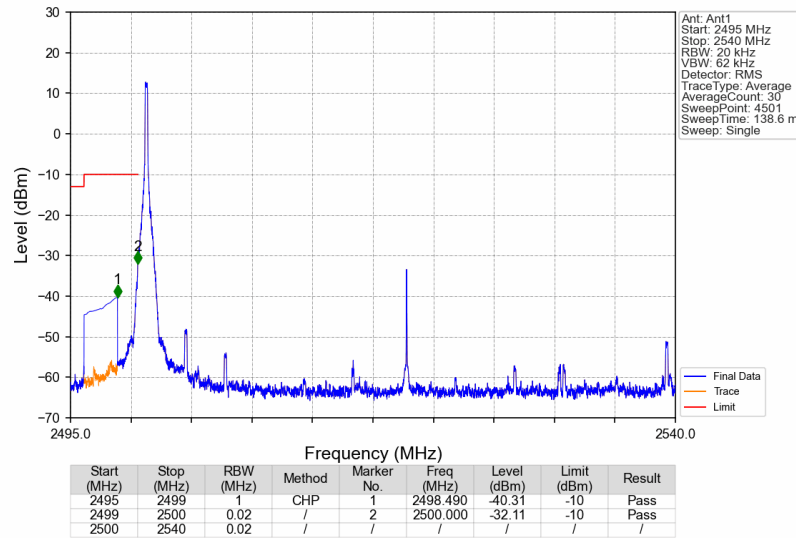
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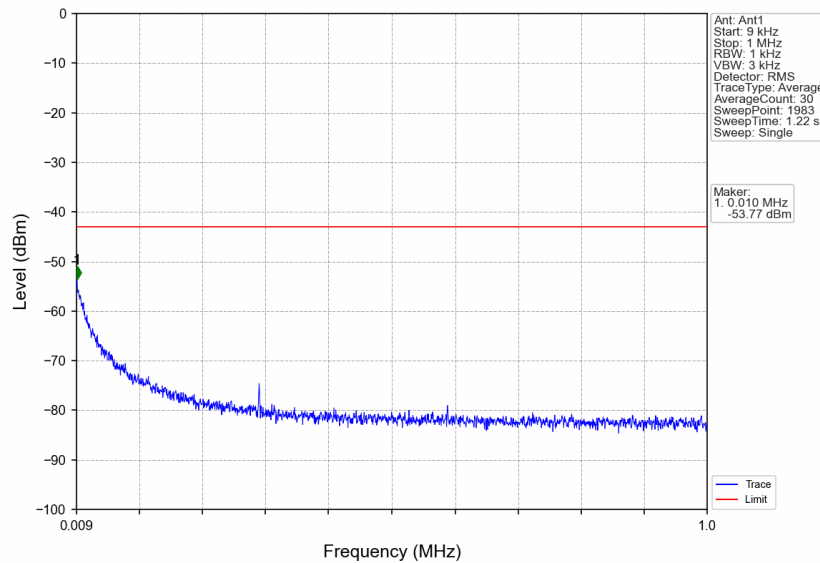
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n7 15kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2520MHz_Edge_1RB_Left



n7 15kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2520MHz_Edge_1RB_Left



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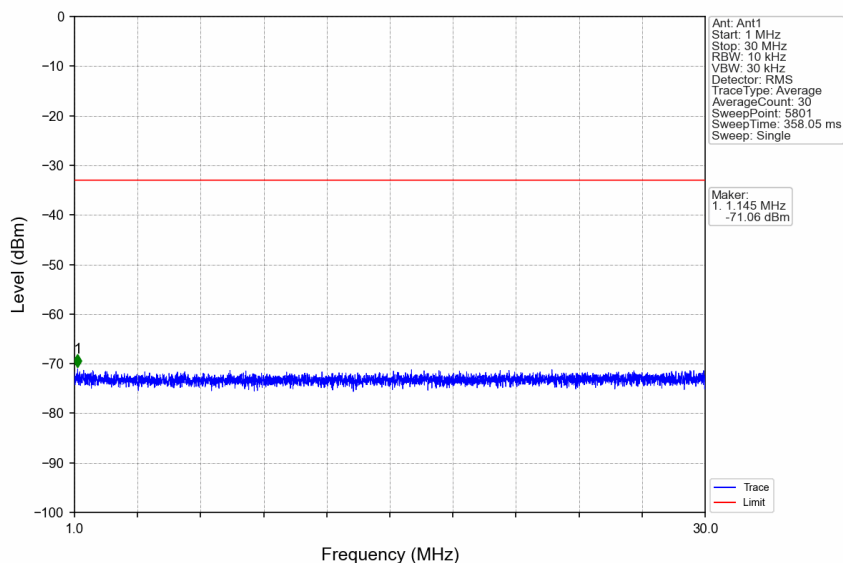
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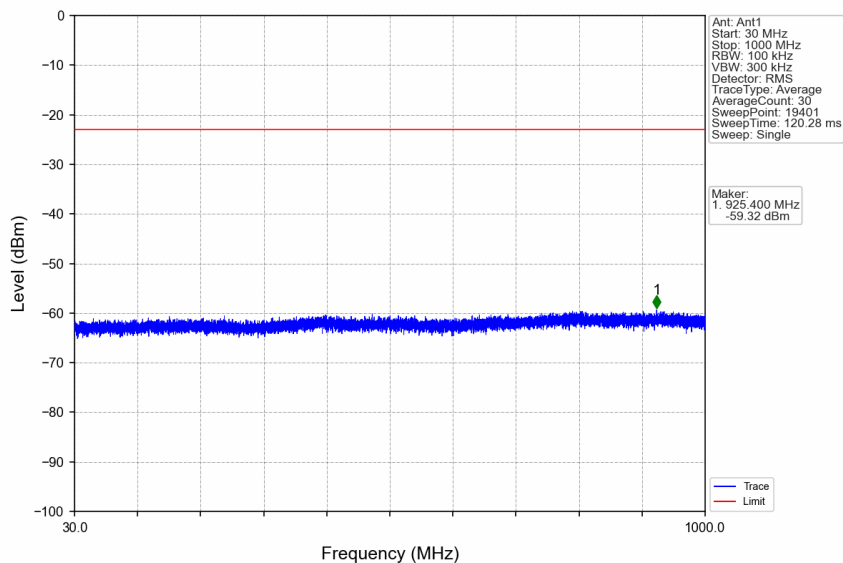
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n7 15kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2520MHz_Edge_1RB_Left



n7 15kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2520MHz_Edge_1RB_Left



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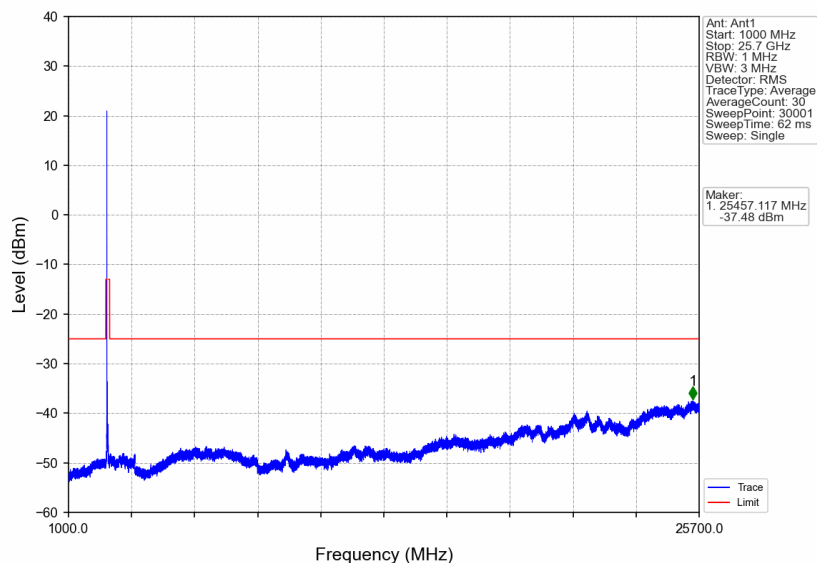
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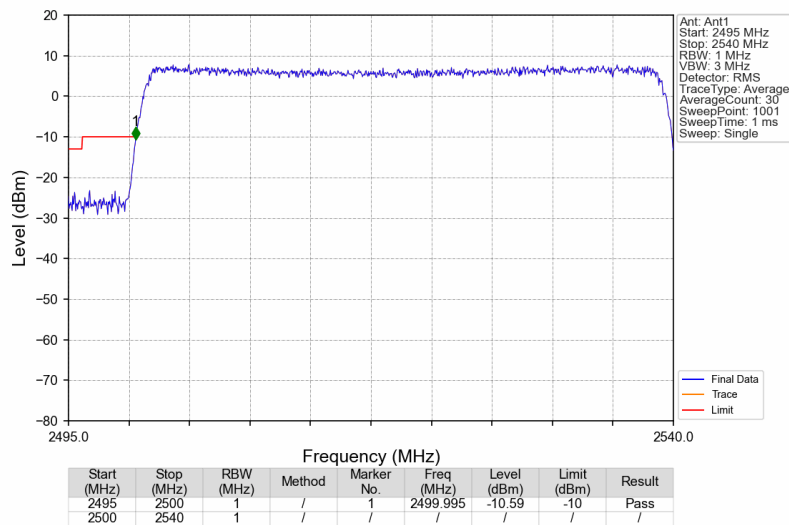
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n7_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2520MHz_Edge_1RB_Left



n7_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2520MHz_Outer_Full



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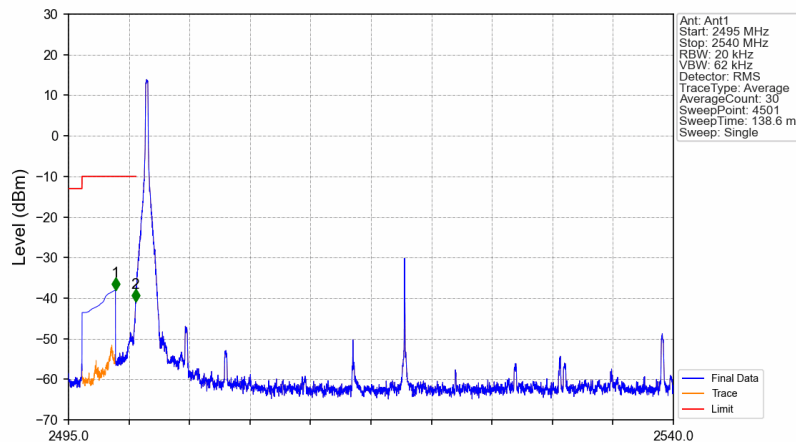
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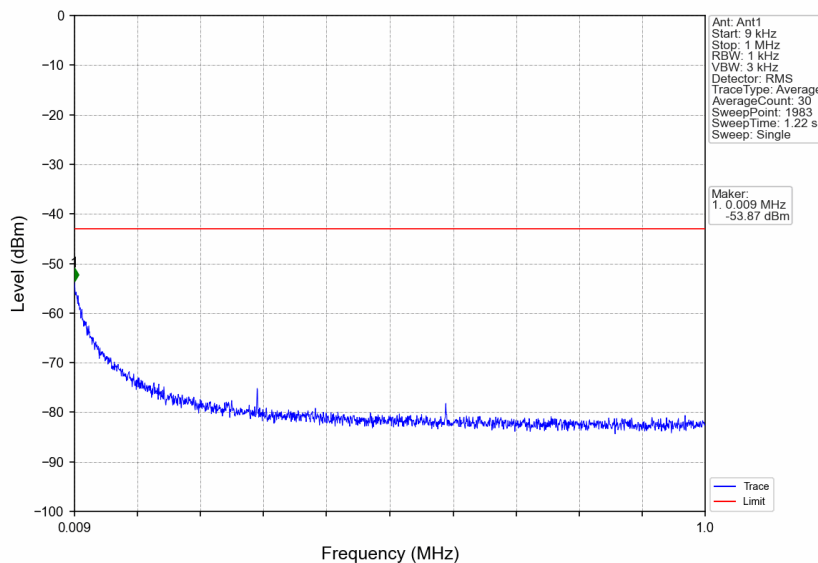
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n7 15kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2520MHz_Inner_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2495	2499	1	CHP	1	2498.490	-38.10	-10	Pass
2499	2500	0.02	/	2	2499.980	-40.86	-10	Pass
2500	2540	0.02	/	/	/	/	/	/

n7 15kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2535MHz_Edge_1RB_Left



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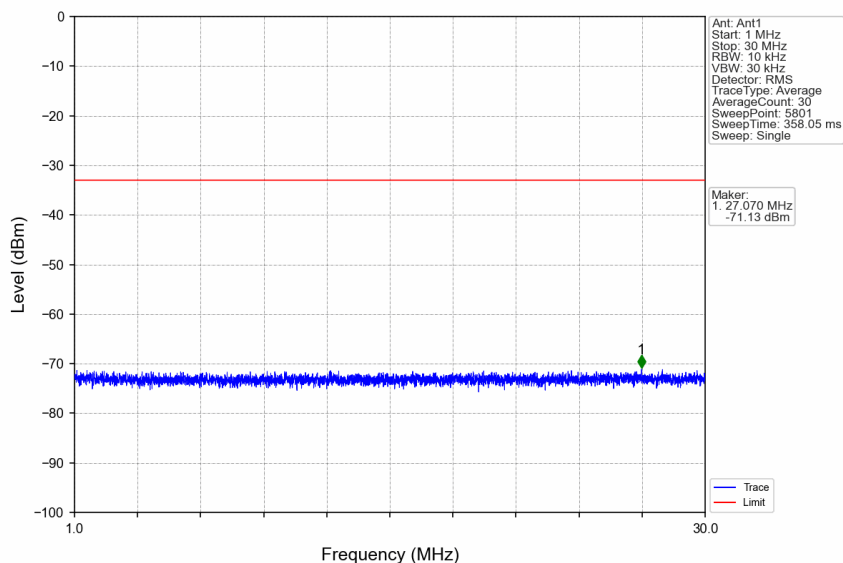
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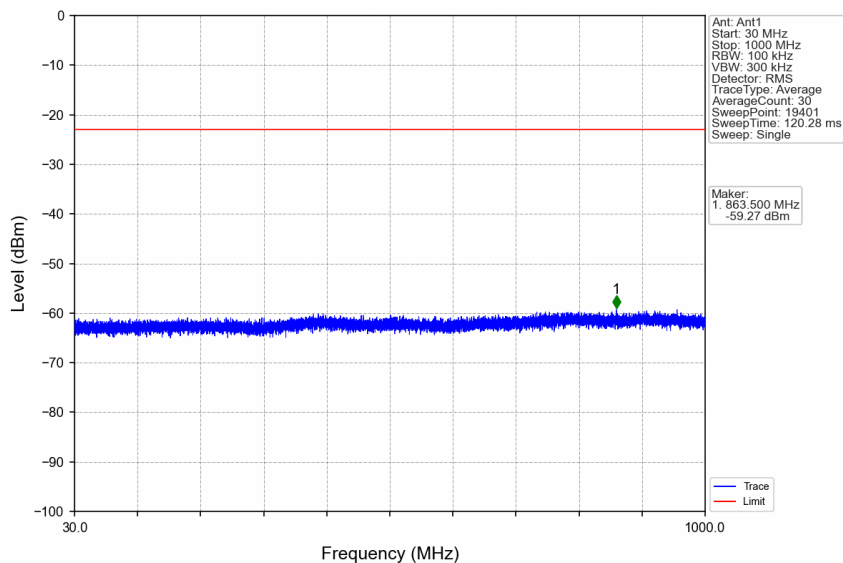
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n7 15kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2535MHz_Edge_1RB_Left



n7 15kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2535MHz_Edge_1RB_Left



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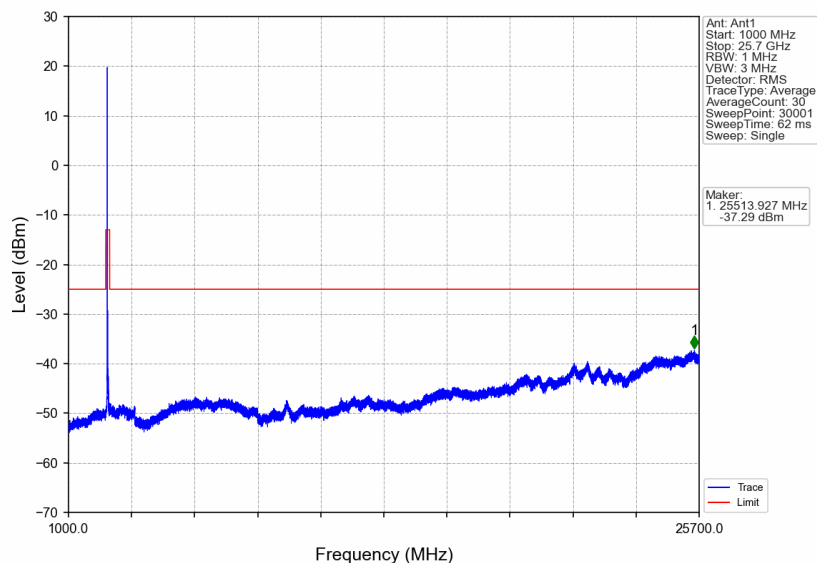
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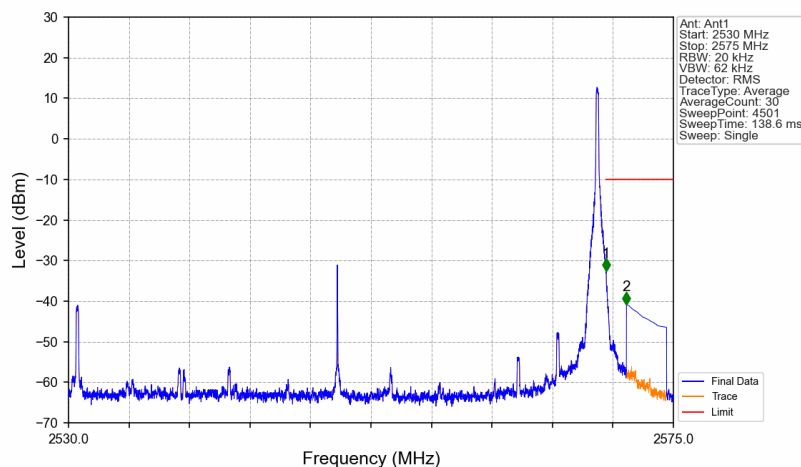
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n7_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2535MHz_Edge_1RB_Left



n7_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2550MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2530	2570	0.02	/	/	/	/	/	/
2570	2571	0.02	/	1	2570.000	-32.65	-10	Pass
2571	2575	1	CHP	2	2571.510	-40.84	-10	Pass



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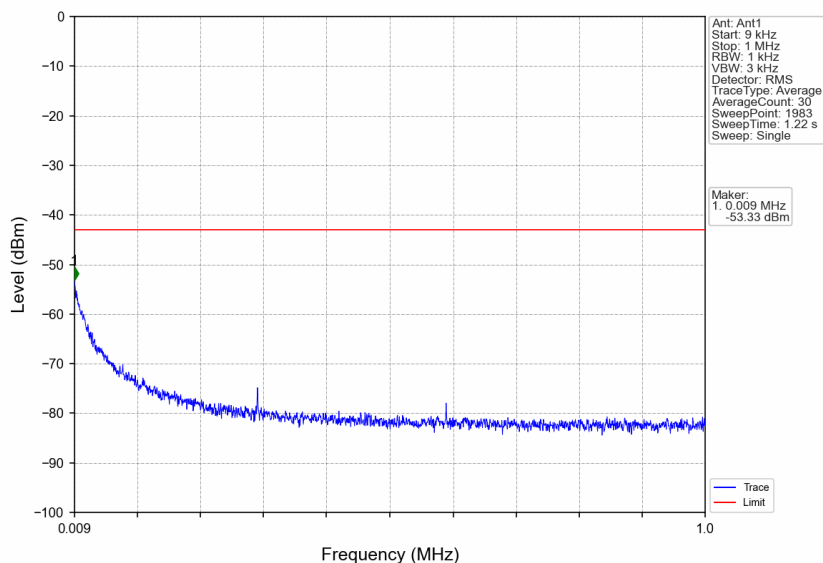
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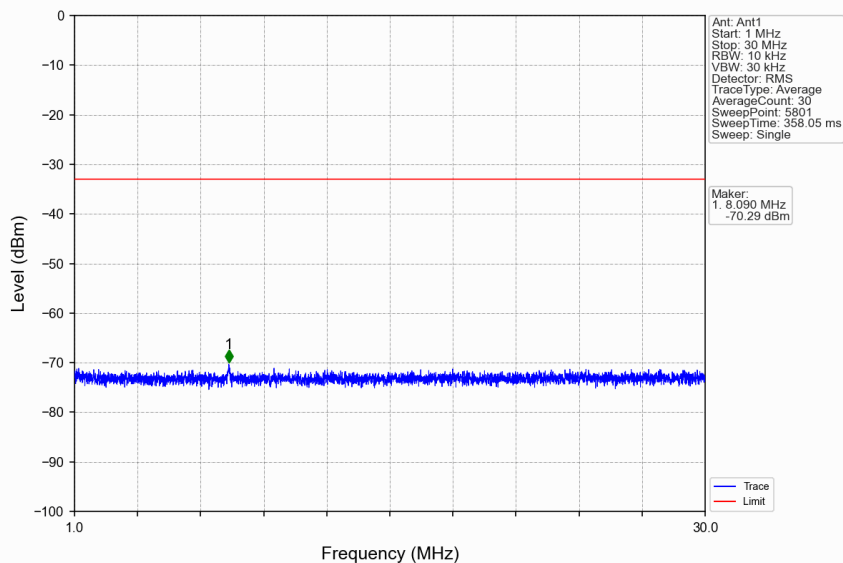
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n7_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2550MHz_Edge_1RB_Right



n7_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2550MHz_Edge_1RB_Right



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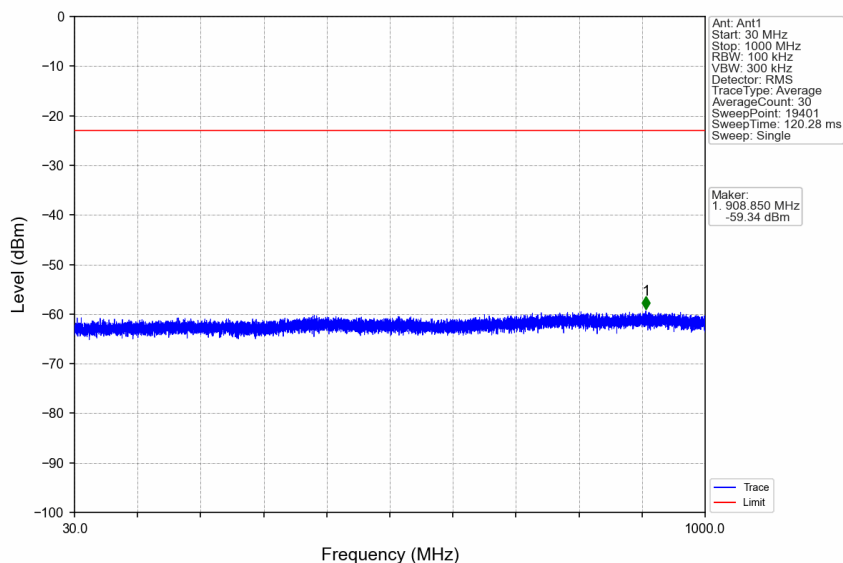
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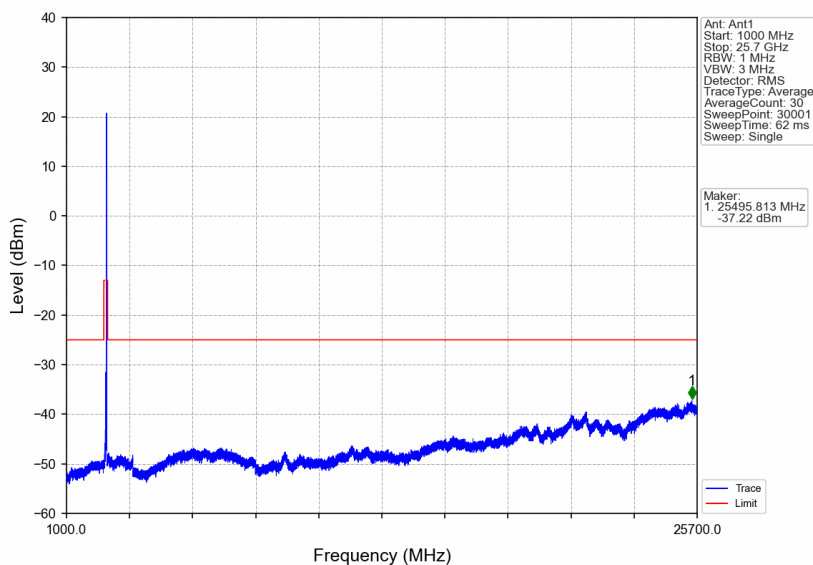
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n7_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2550MHz_Edge_1RB_Right



n7_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2550MHz_Edge_1RB_Right



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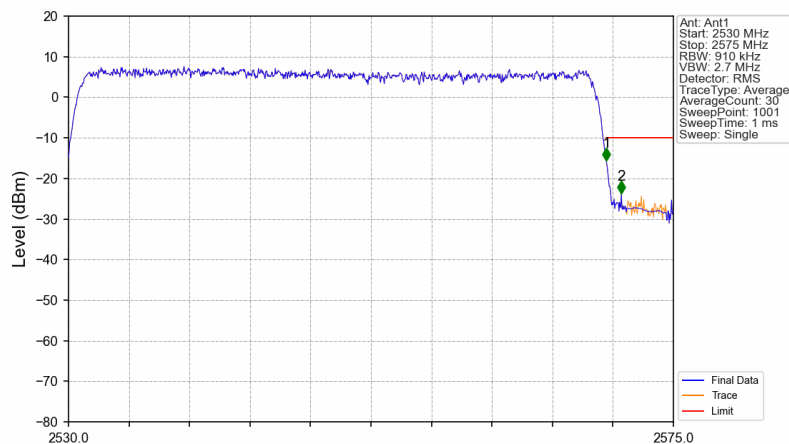
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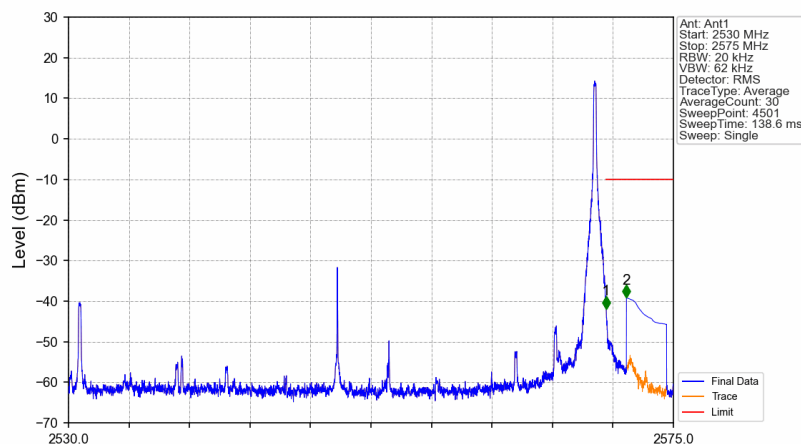
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n7_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2550MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2530	2570	0.91	/	/	/	/	/	/
2570	2571	0.91	/	1	2570.005	-15.66	-10	Pass
2571	2575	1	CHP	2	2571.130	-23.73	-10	Pass

n7_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2550MHz_Inner_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2530	2570	0.02	/	/	/	/	/	/
2570	2571	0.02	/	1	2570.000	-41.90	-10	Pass
2571	2575	1	CHP	2	2571.510	-39.19	-10	Pass



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6.8 15k_SISO_50MHz_NTNV

6.8.1 Test Result

5G NR n7 SCS=15kHz SISO 50MHz NTN									
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict		
			Ant1	Ant2	Sum	Limit			
DFT-s-OFDM PI/2 BPSK	2525	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		
	2545	Outer_Full	Refer To Test Graph				Pass		
		Inner_1RB_Right	Refer To Test Graph				Pass		
		DFT-s-OFDM QPSK	2525	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		
2545	Inner_1RB_Right		Refer To Test Graph				Pass		
	CP-OFDM QPSK		2525	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		
2545		Inner_1RB_Right	Refer To Test Graph				Pass		



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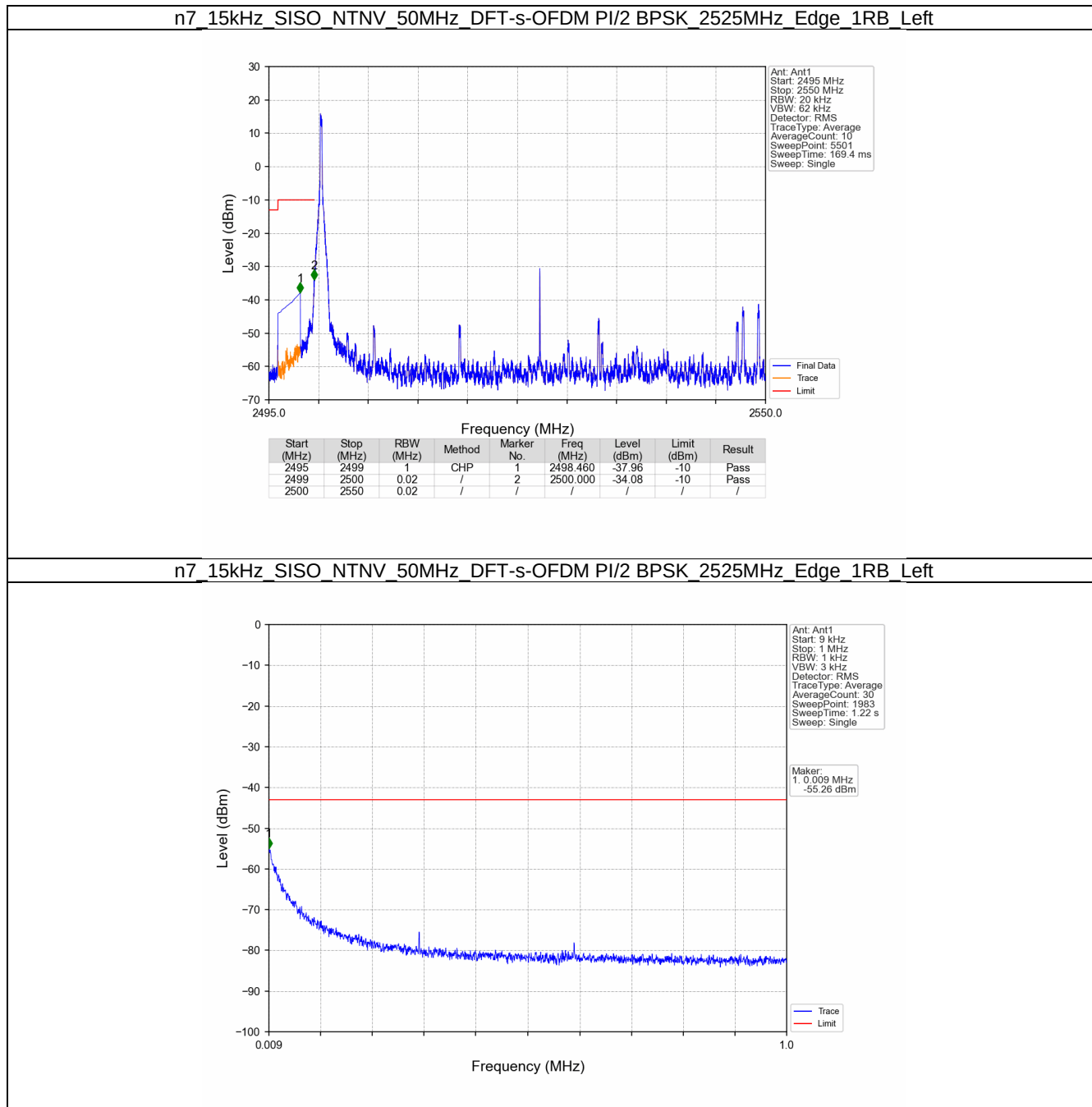
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6.8.2 Test Graph



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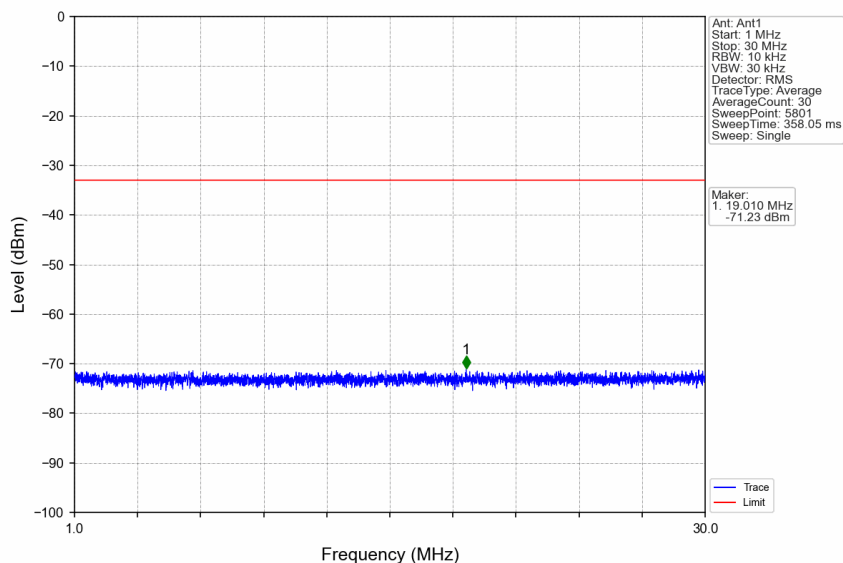


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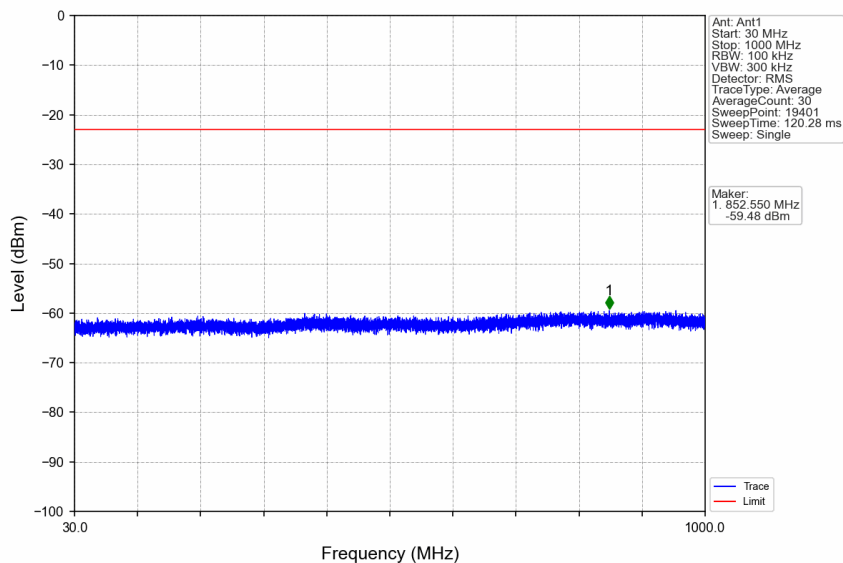
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n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2525MHz_Edge_1RB_Left



n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2525MHz_Edge_1RB_Left



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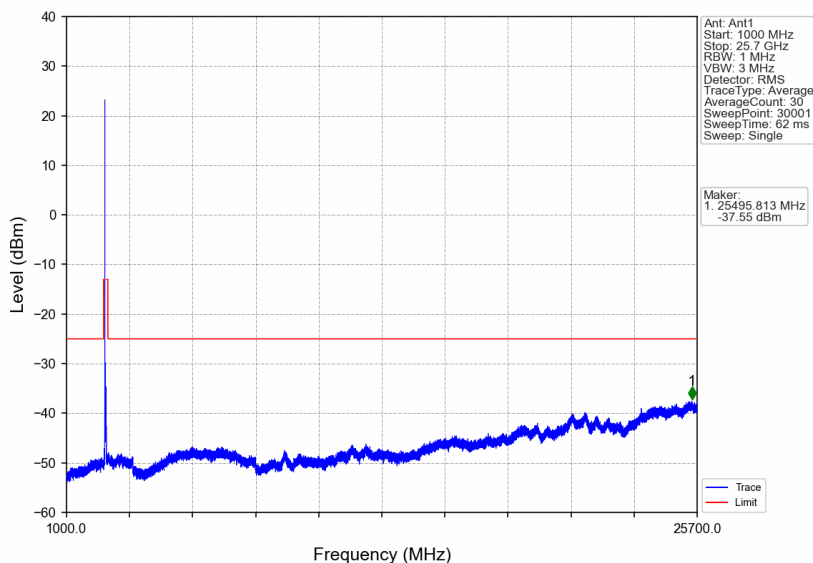
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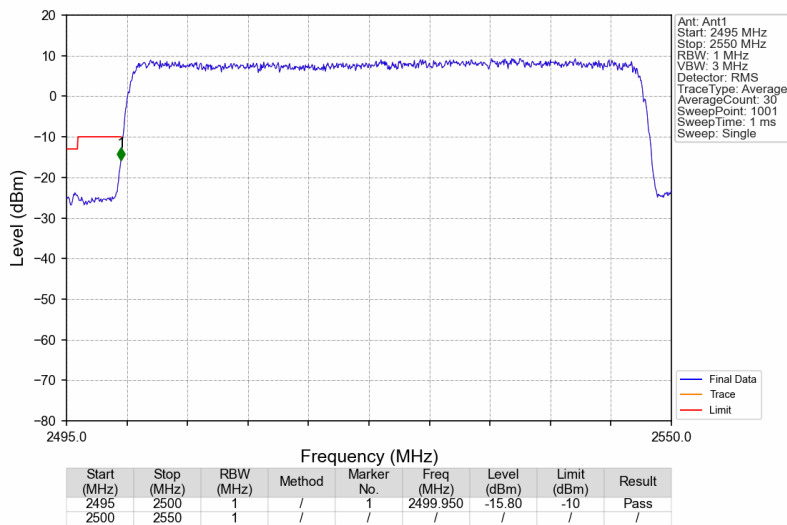
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n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2525MHz_Edge_1RB_Left



n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2525MHz_Outer_Full



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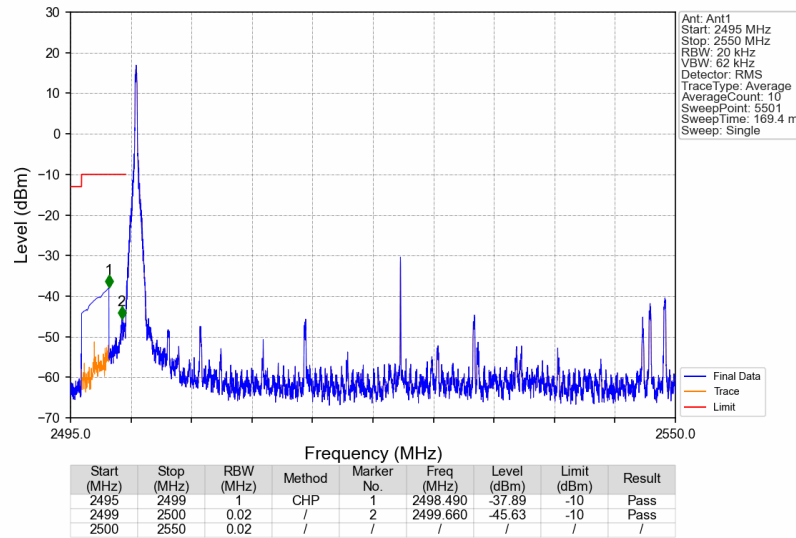
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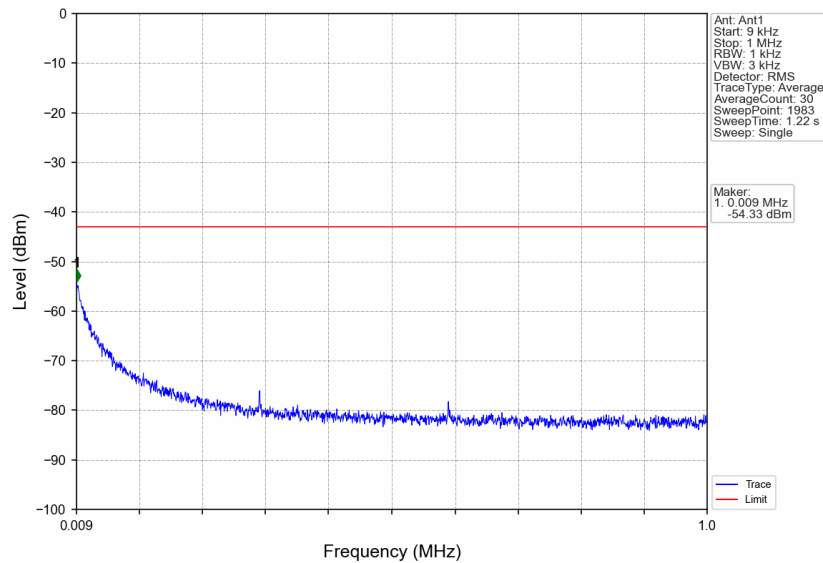
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n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2525MHz_Inner_1RB_Left



n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2535MHz_Edge_1RB_Left



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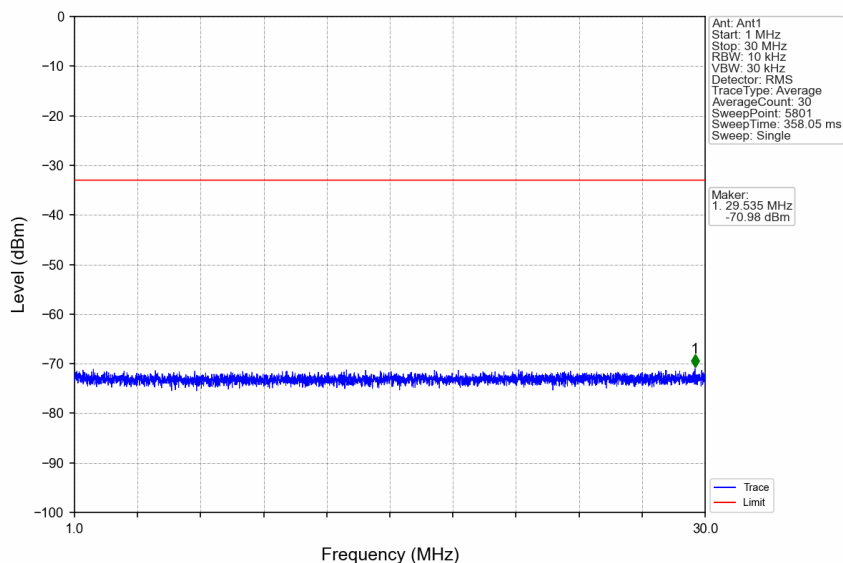


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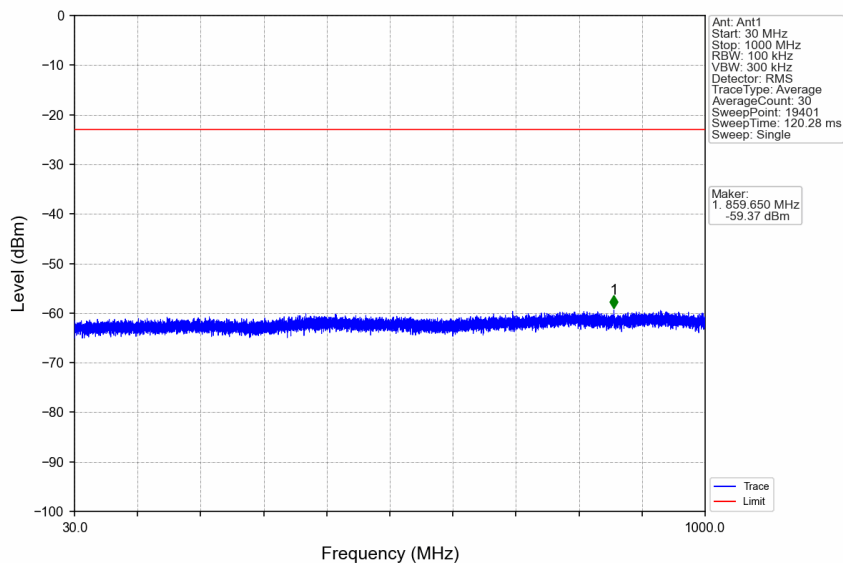
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n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2535MHz_Edge_1RB_Left



n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2535MHz_Edge_1RB_Left



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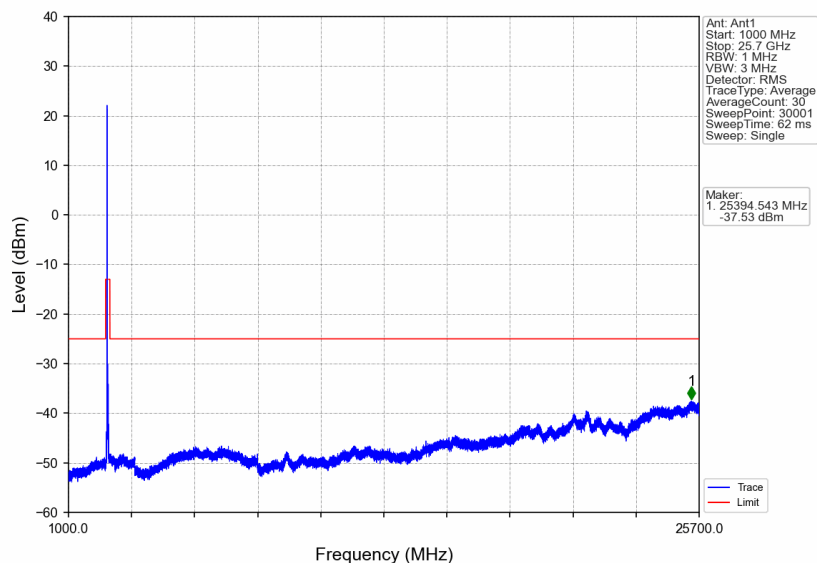
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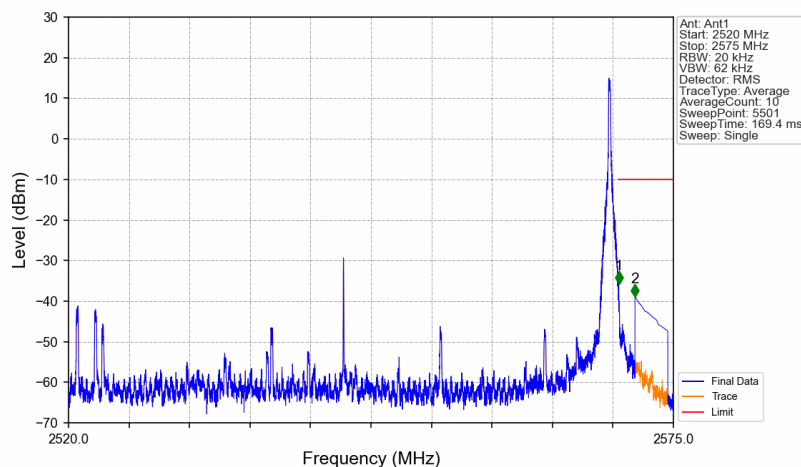
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n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2535MHz_Edge_1RB_Left



n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2545MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2520	2570	0.02	/	/	/	/	/	/
2570	2571	0.02	/	1	2570.030	-35.70	-10	Pass
2571	2575	1	CHP	2	2571.510	-38.87	-10	Pass



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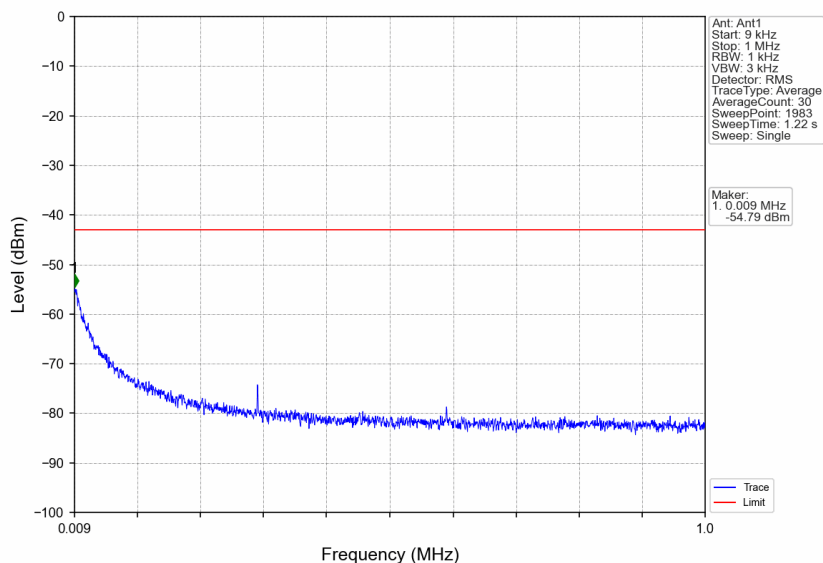
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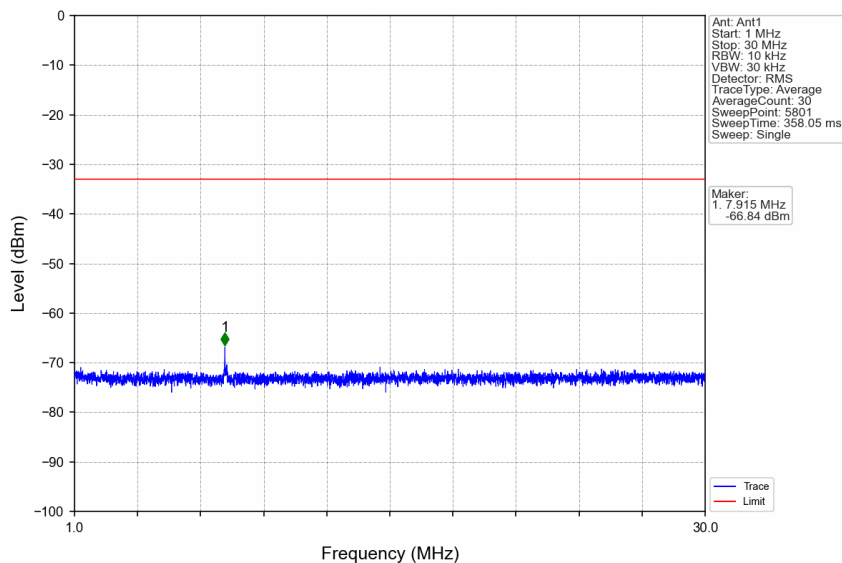
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n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2545MHz_Edge_1RB_Right



n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2545MHz_Edge_1RB_Right



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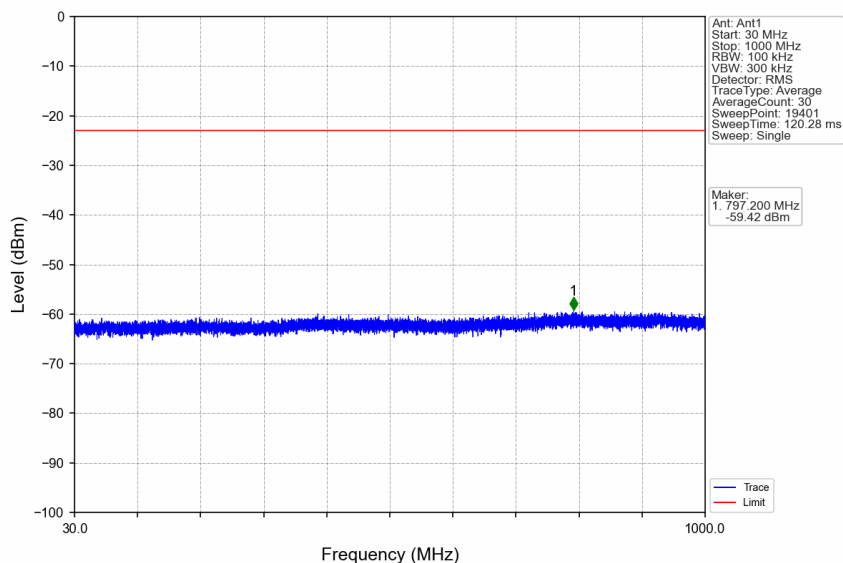


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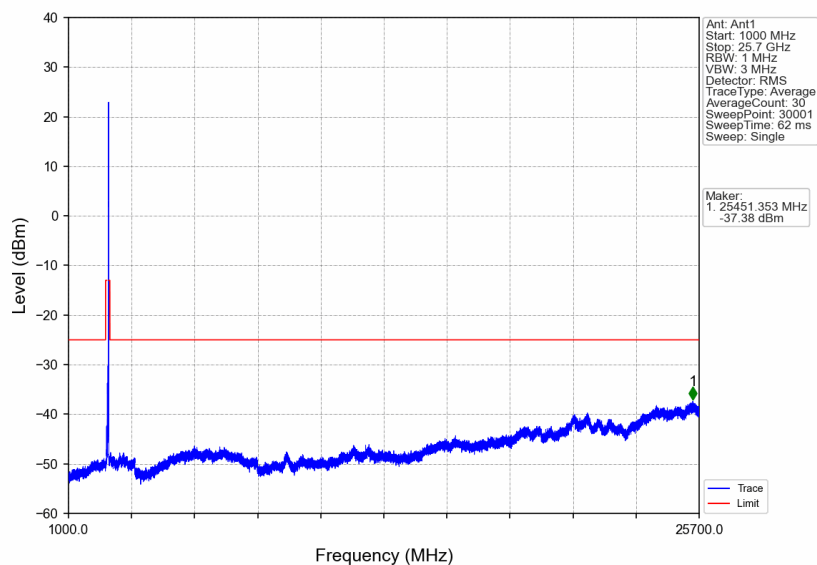
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n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2545MHz_Edge_1RB_Right



n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2545MHz_Edge_1RB_Right



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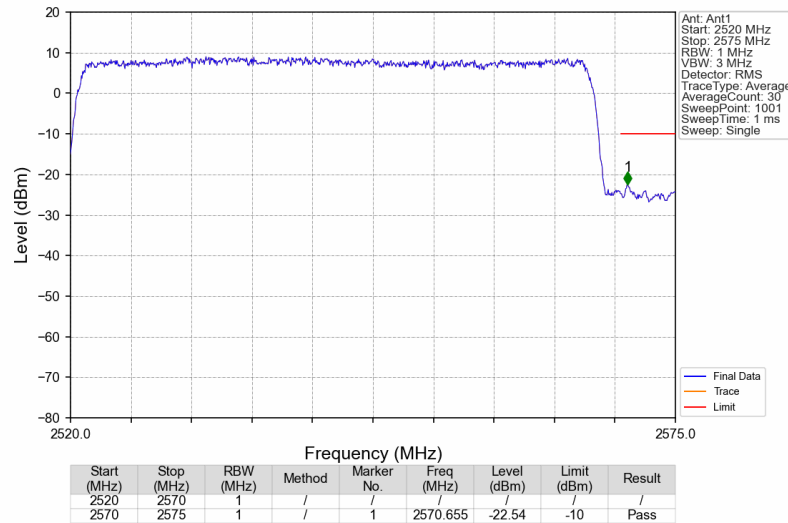
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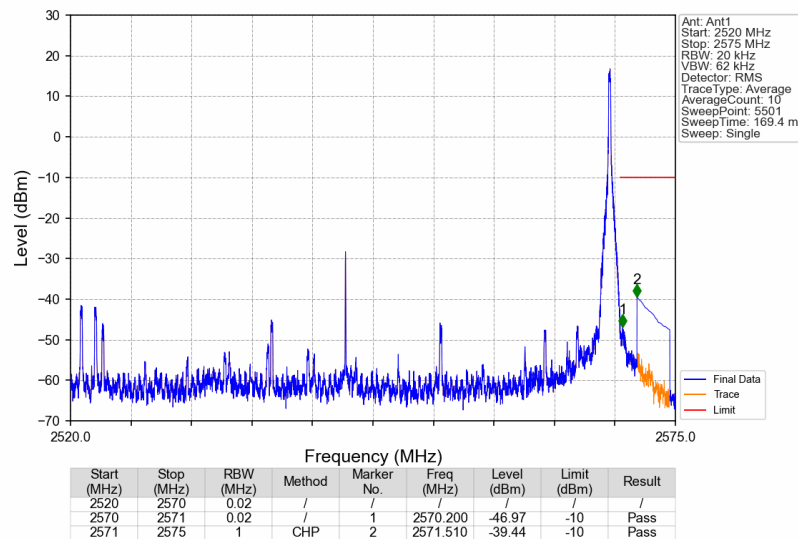
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n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2545MHz_Outer_Full



n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2545MHz_Inner_1RB_Right



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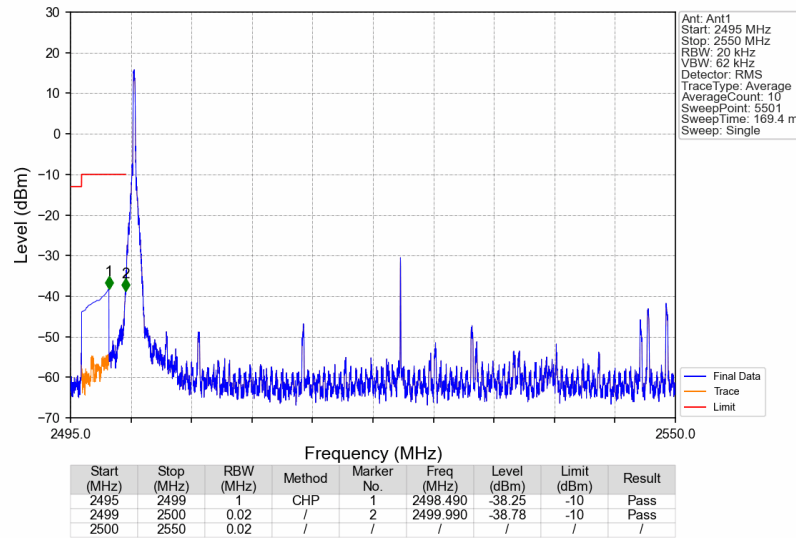
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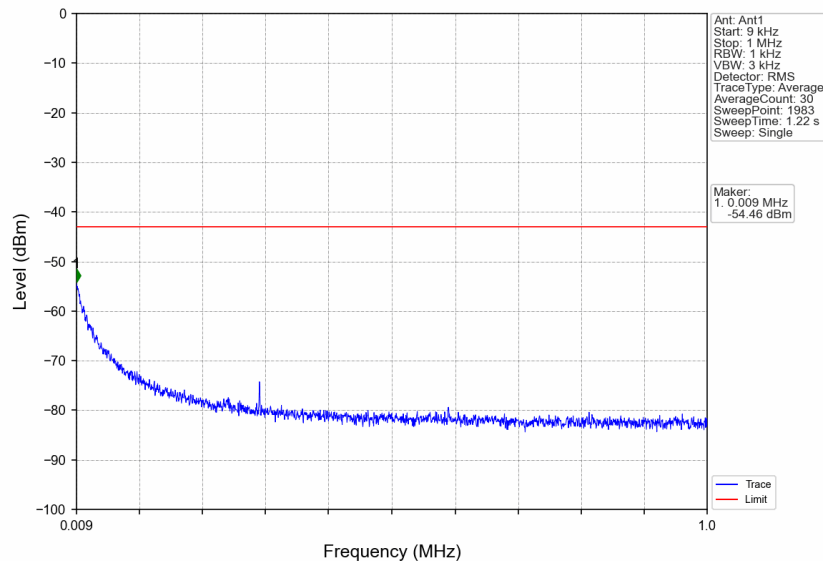
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n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2525MHz_Edge_1RB_Left



n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2525MHz_Edge_1RB_Left



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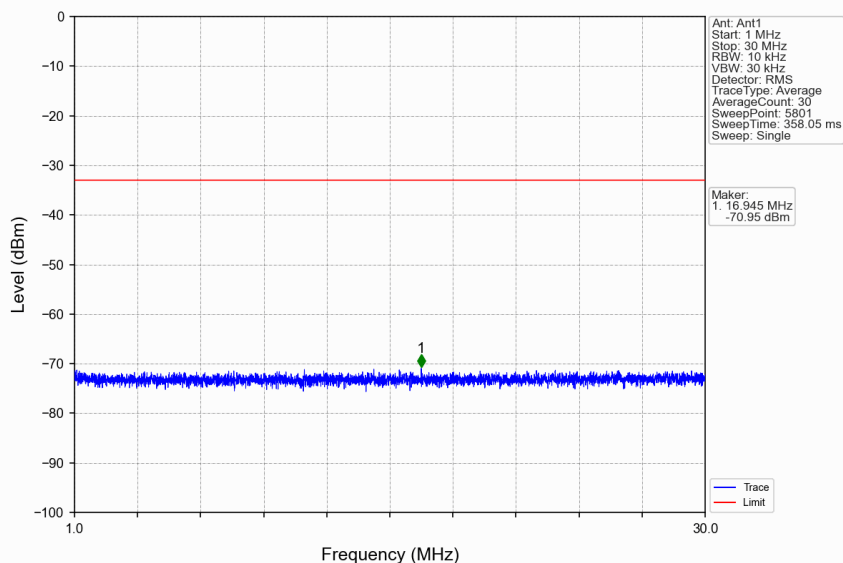
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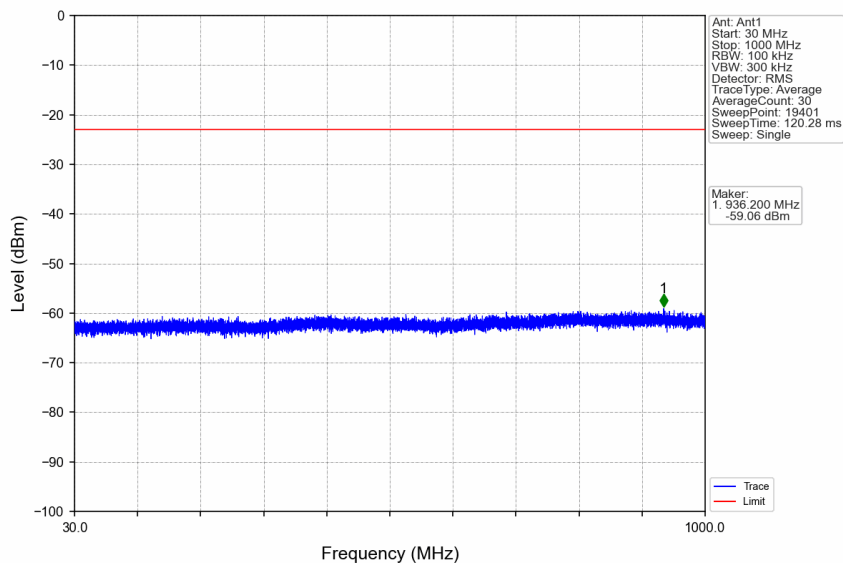
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n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2525MHz_Edge_1RB_Left



n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2525MHz_Edge_1RB_Left



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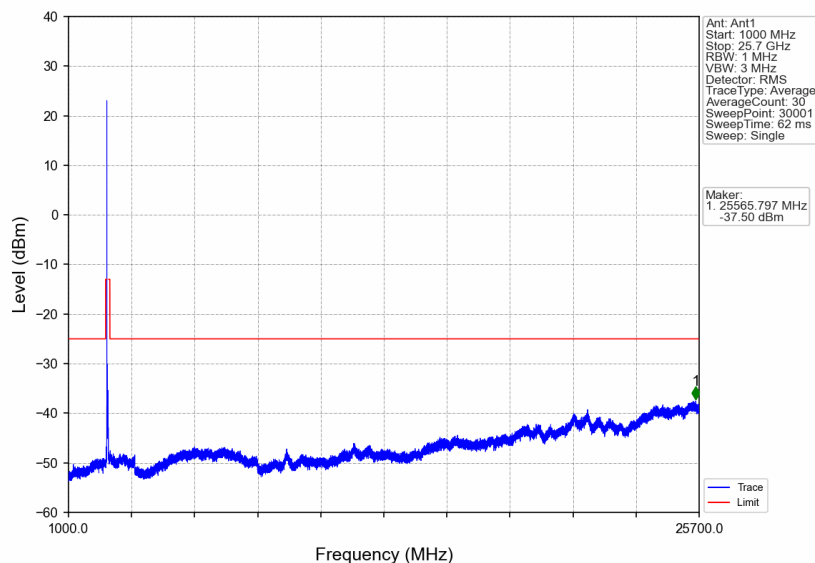
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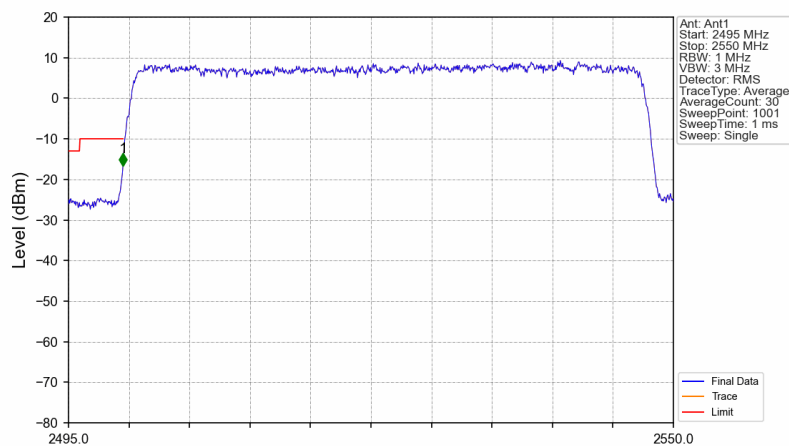
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n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2525MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2495	2500	1	/	1	2499.950	-16.71	-10	Pass
2500	2550	1	/	/	/	/	/	/



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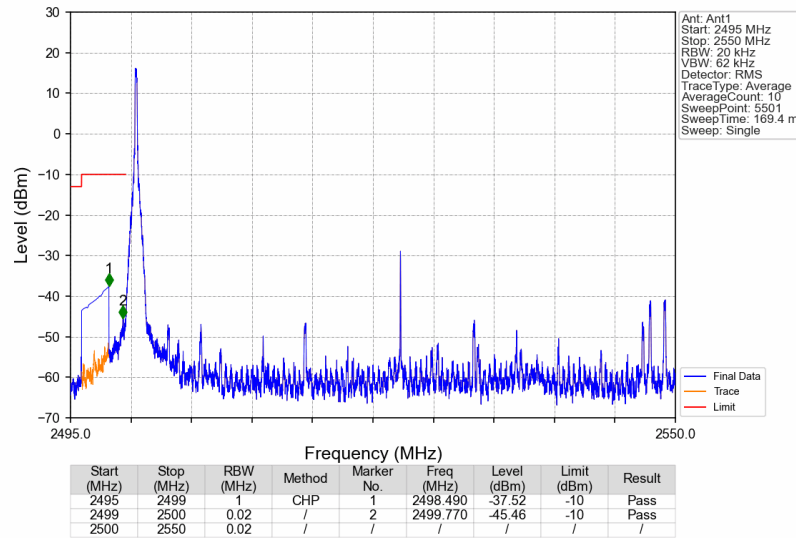


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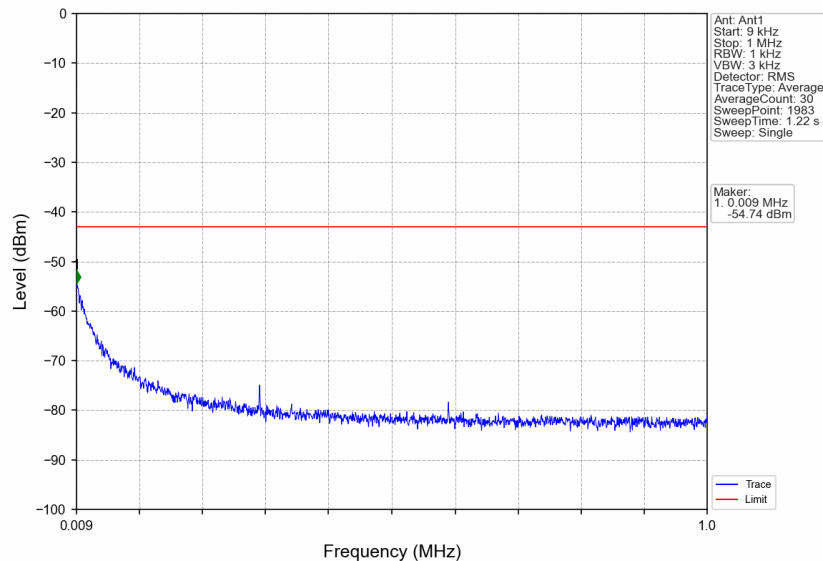
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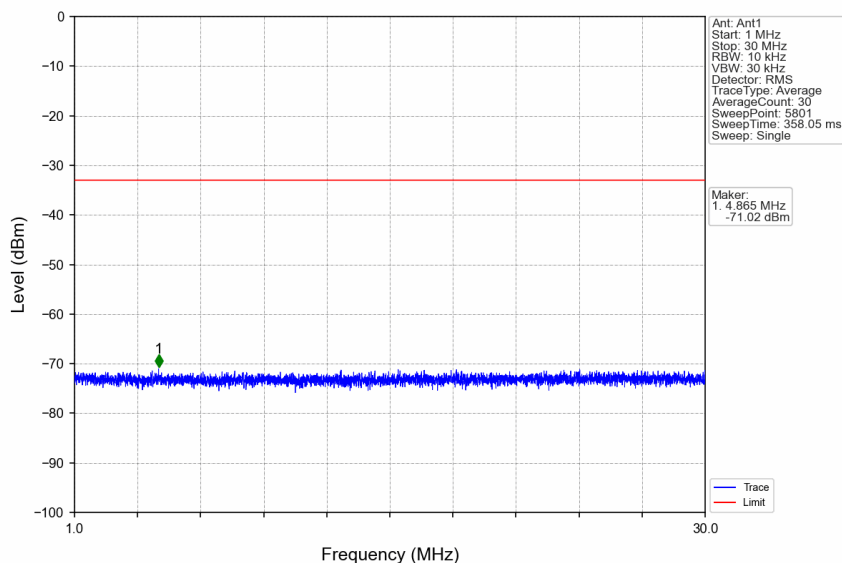
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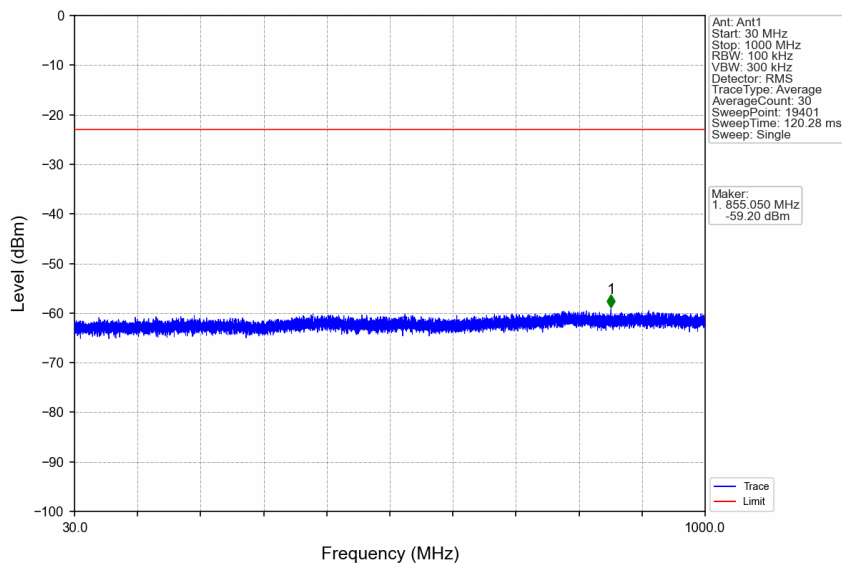
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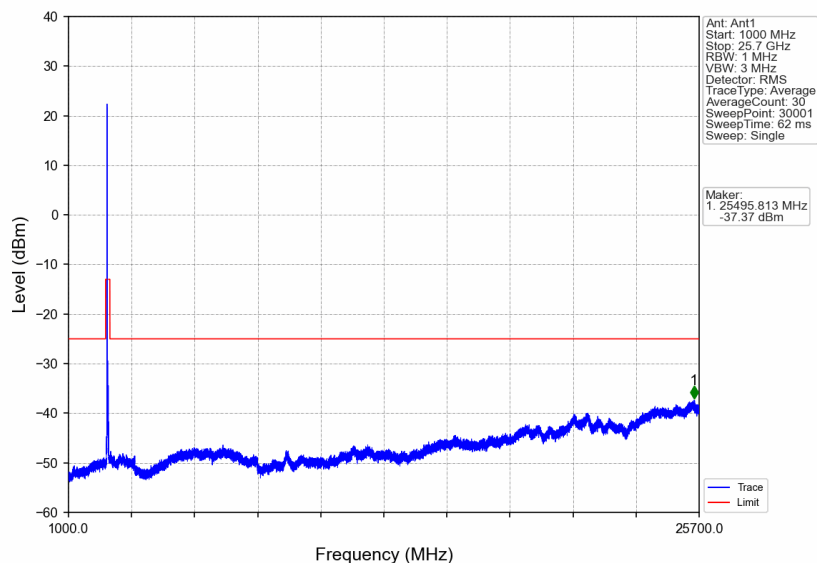
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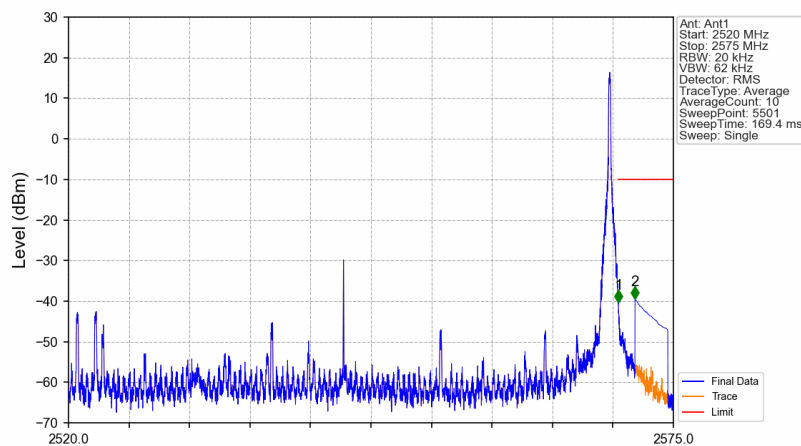
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n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2535MHz_Edge_1RB_Left



n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2545MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2520	2570	0.02	/	/	/	/	/	/
2570	2571	0.02	/	1	2570.000	-40.35	-10	Pass
2571	2575	1	CHP	2	2571.510	-39.46	-10	Pass



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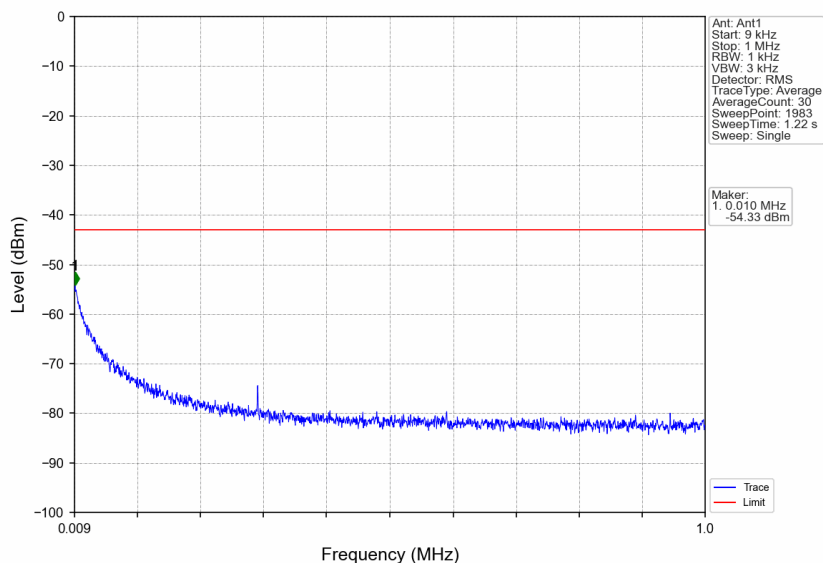
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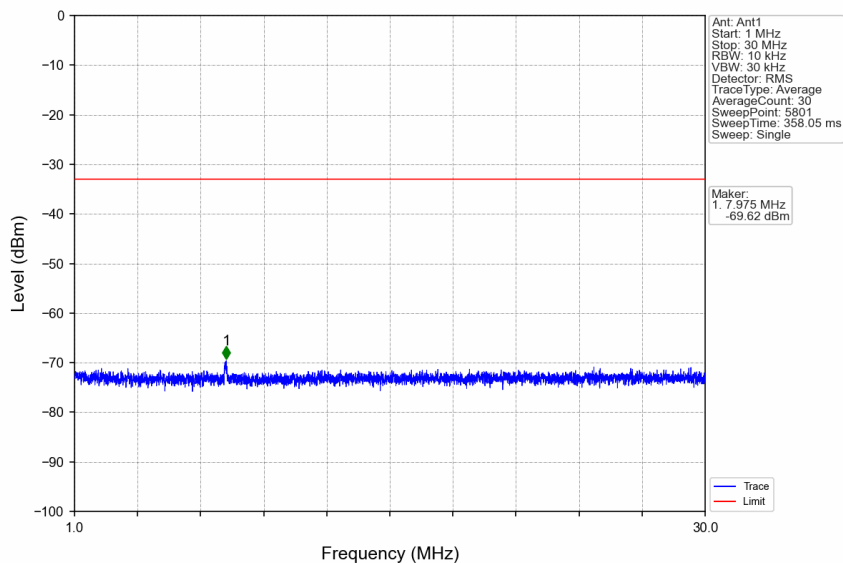
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n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2545MHz_Edge_1RB_Right



n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2545MHz_Edge_1RB_Right



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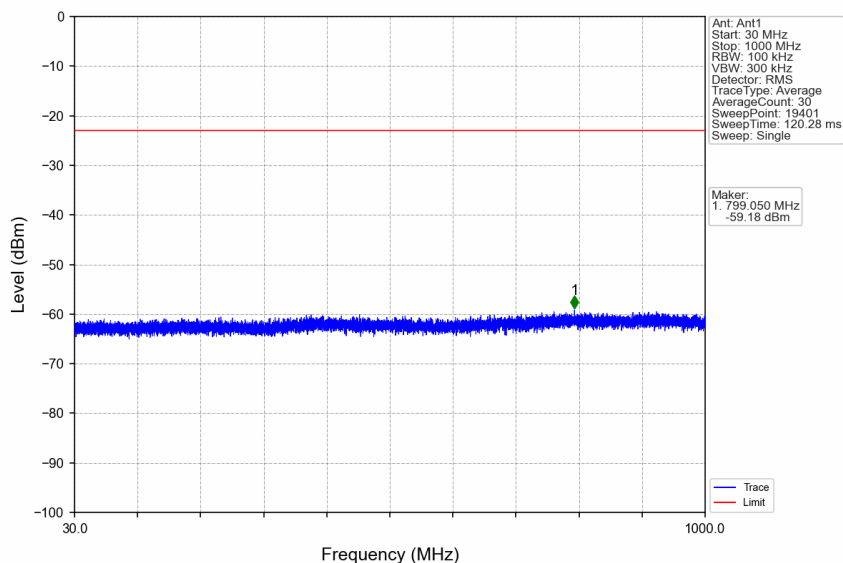
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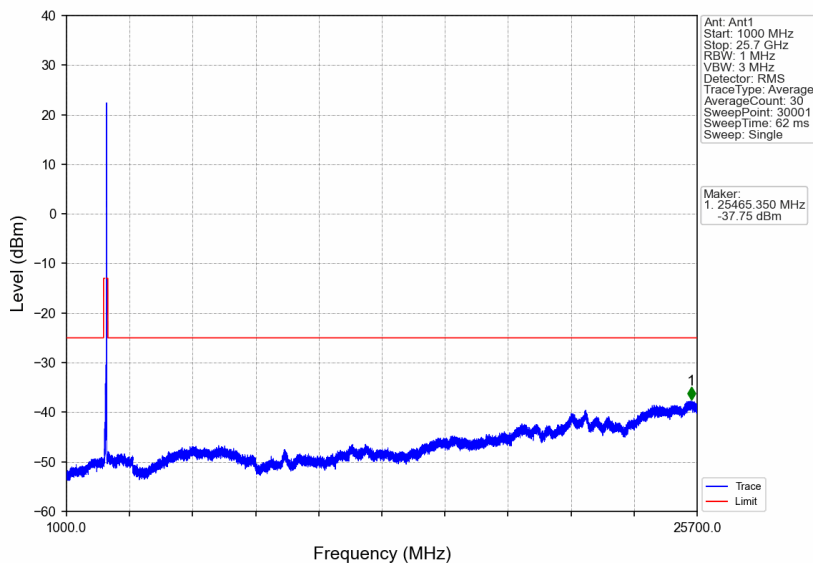
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n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2545MHz_Edge_1RB_Right



n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2545MHz_Edge_1RB_Right



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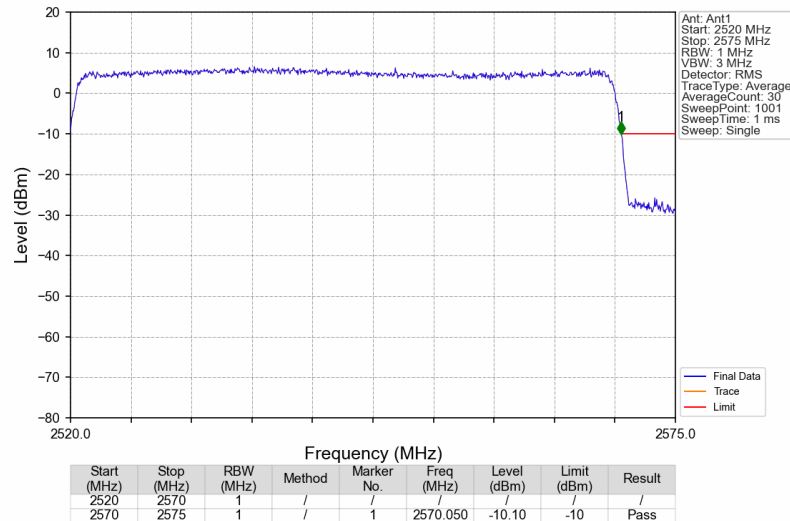


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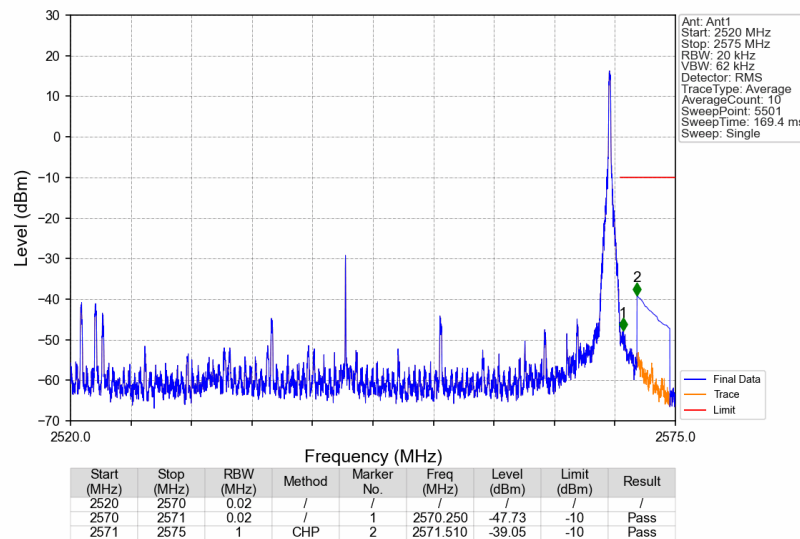
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n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2545MHz_Outer_Full



n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2545MHz_Inner_1RB_Right



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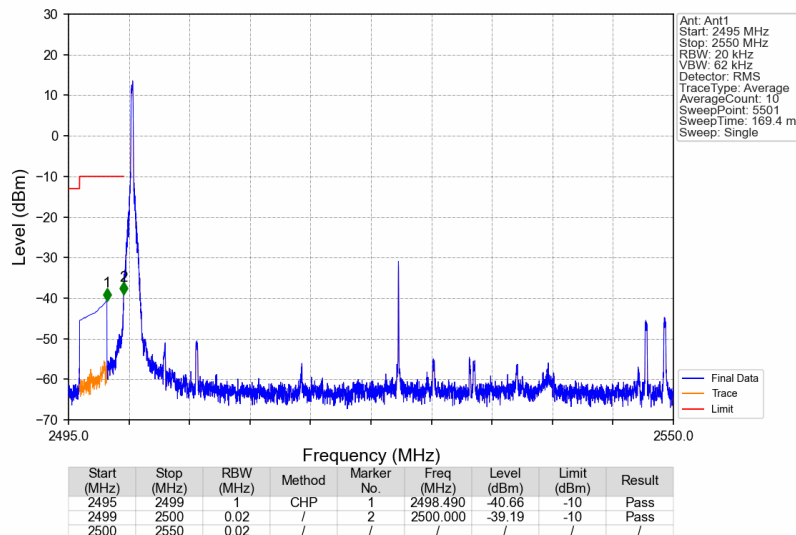
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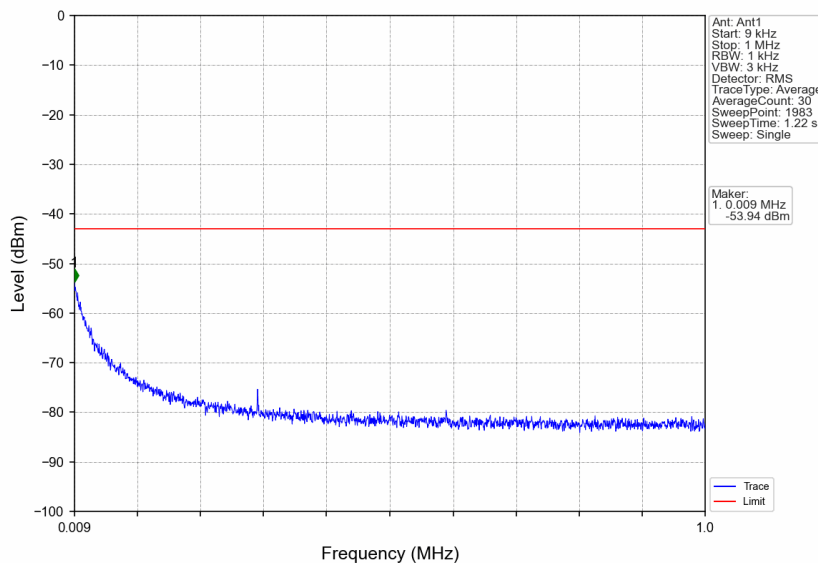
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n7 15kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_2525MHz_Edge_1RB_Left



n7 15kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_2525MHz_Edge_1RB_Left



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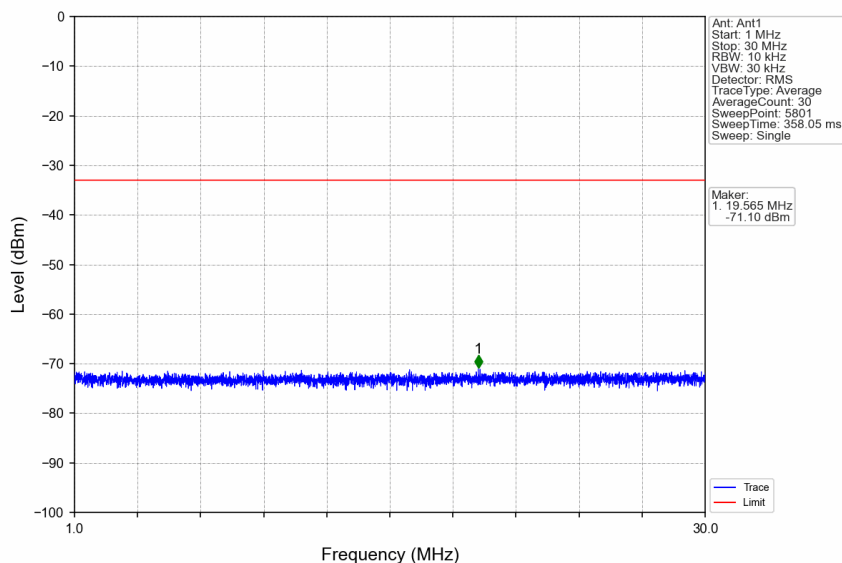
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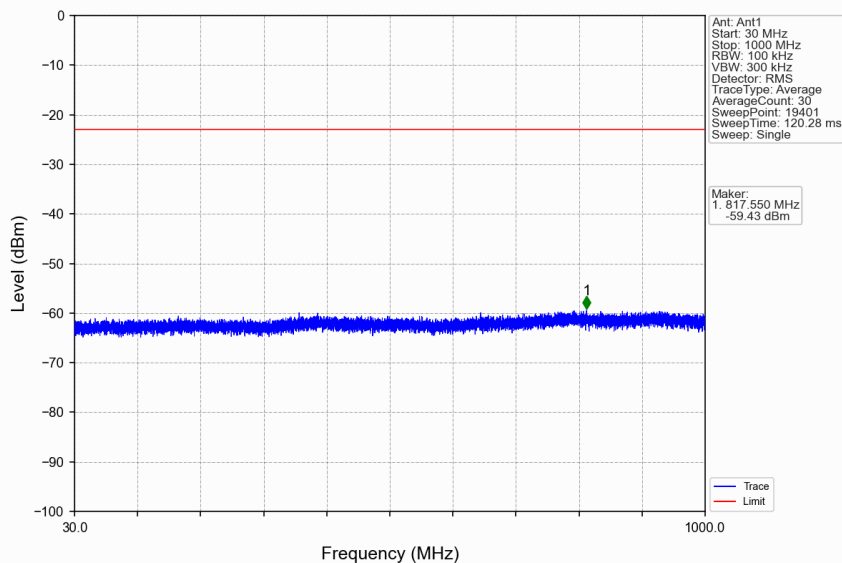
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n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2525MHz_Edge_1RB_Left



n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2525MHz_Edge_1RB_Left



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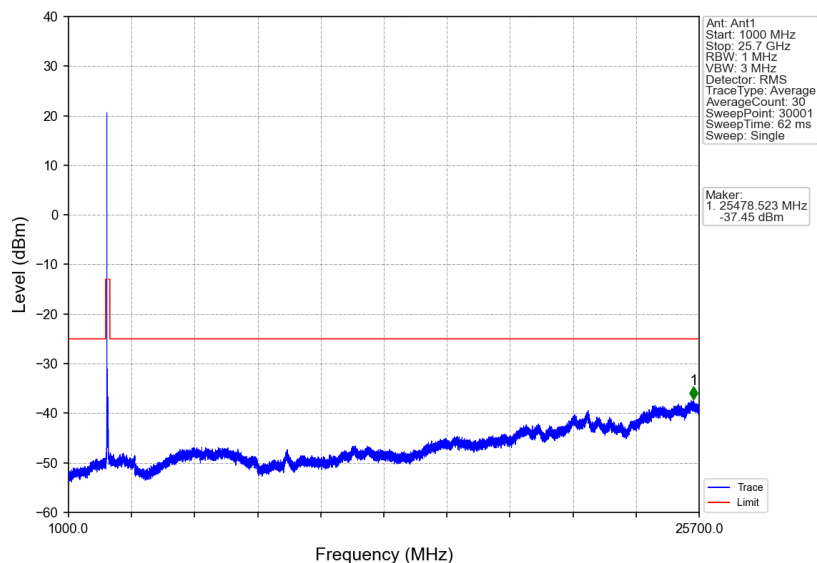
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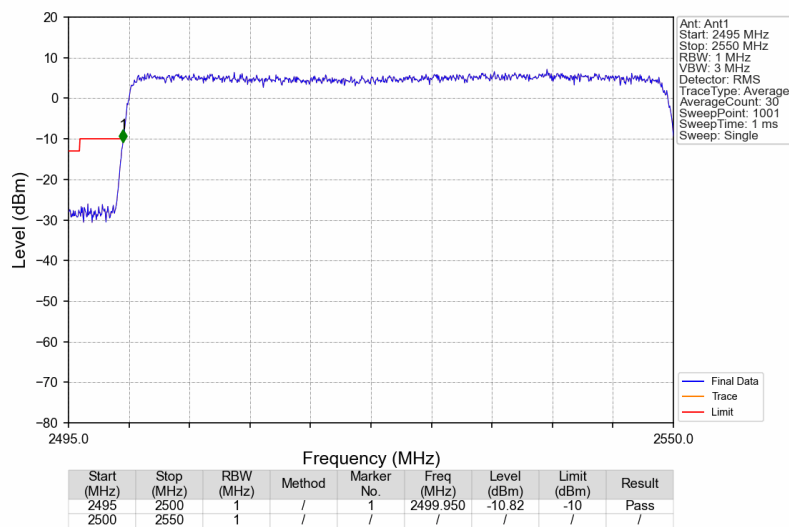
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n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2525MHz_Edge_1RB_Left



n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2525MHz_Outer_Full



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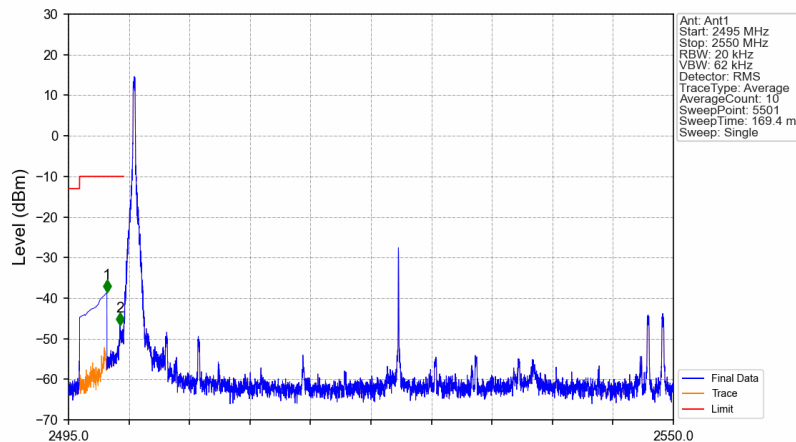
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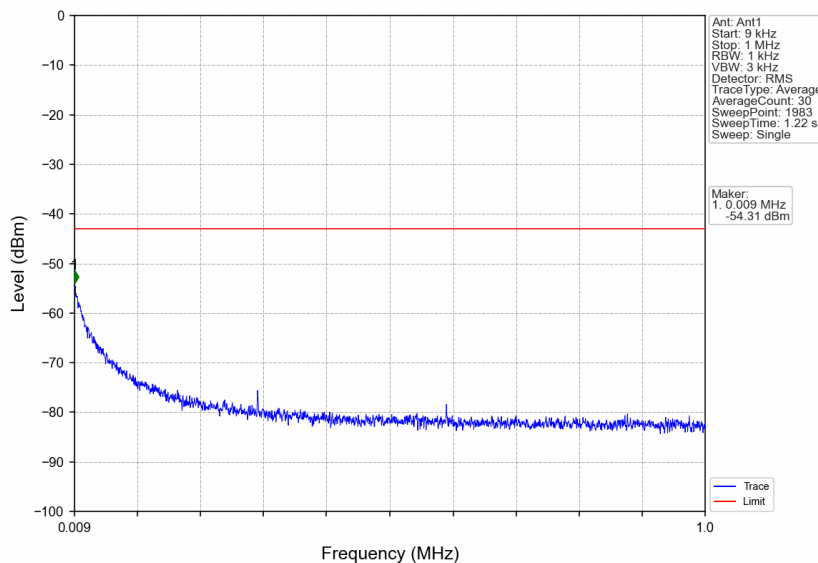
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n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2525MHz_Inner_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2495	2499	1	CHP	1	2498.490	-38.66	-10	Pass
2499	2500	0.02	/	2	2499.680	-46.71	-10	Pass
2500	2550	0.02	/	/	/	/	/	/

n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2535MHz_Edge_1RB_Left



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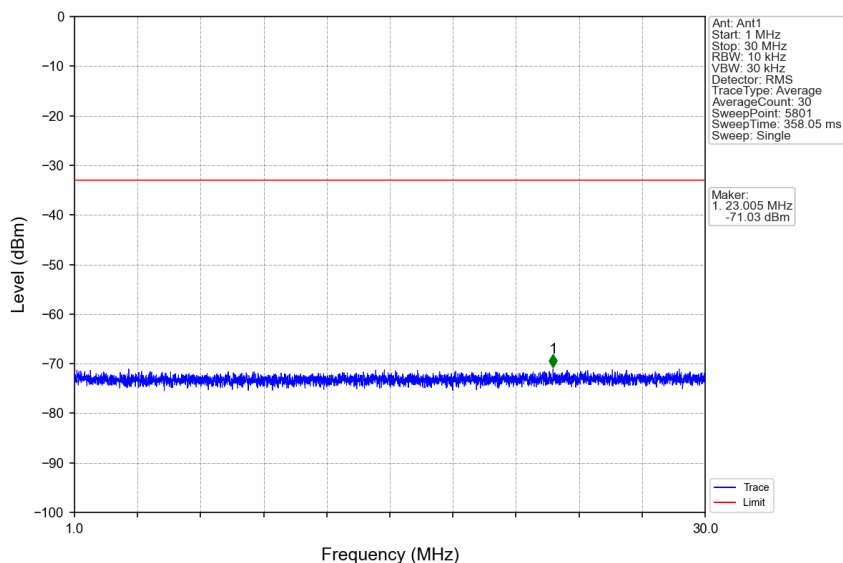
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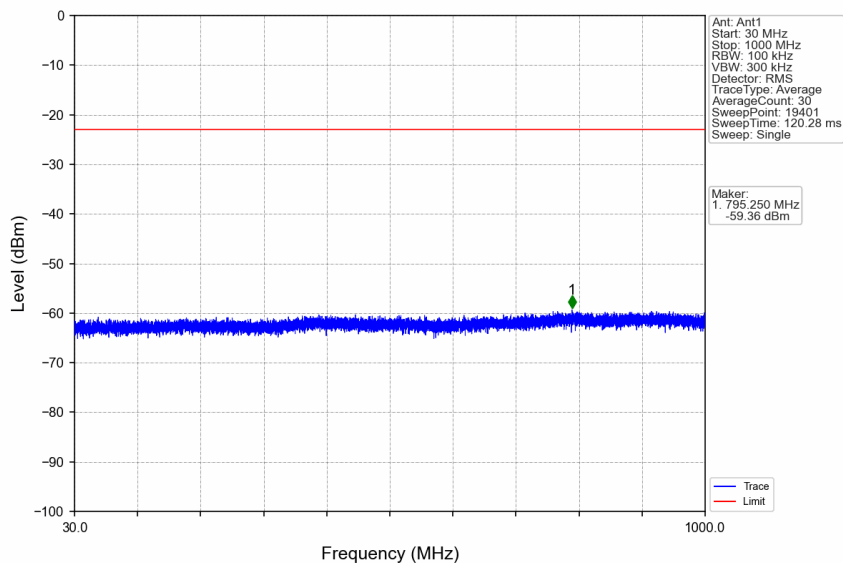
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n7 15kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_2535MHz_Edge_1RB_Left



n7 15kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_2535MHz_Edge_1RB_Left



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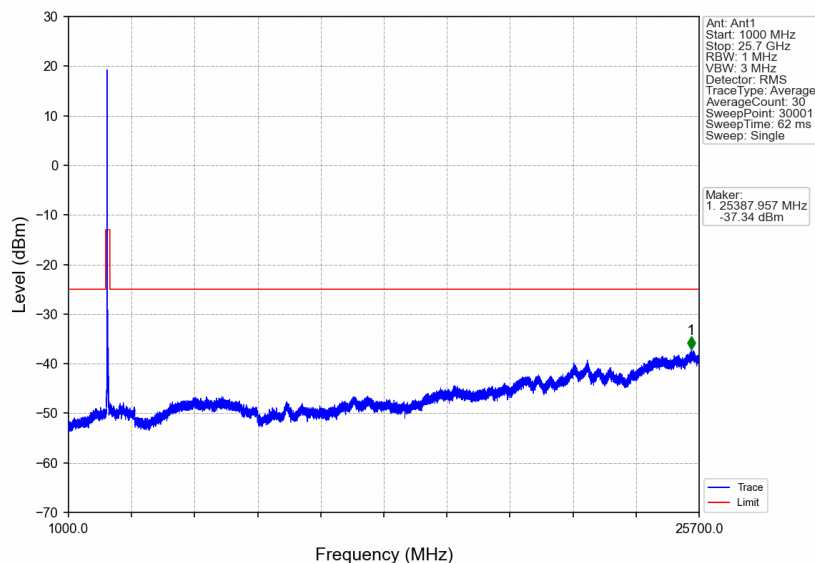
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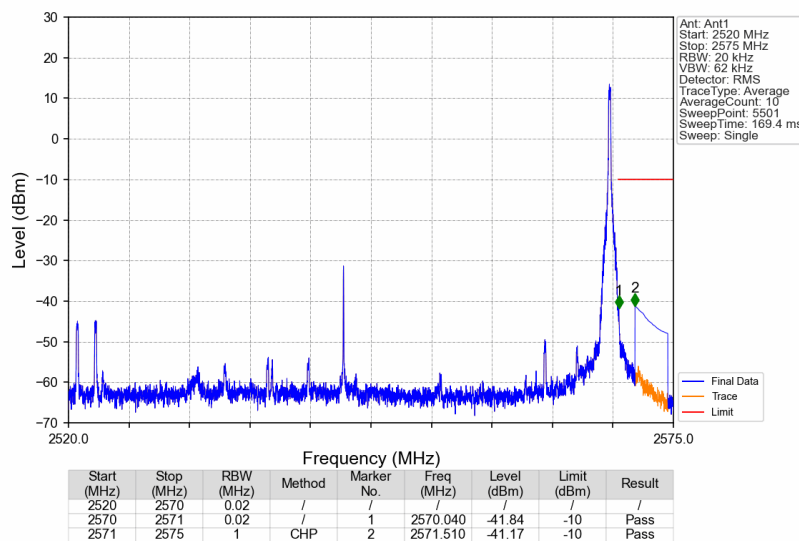
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n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2535MHz_Edge_1RB_Left



n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2545MHz_Edge_1RB_Right



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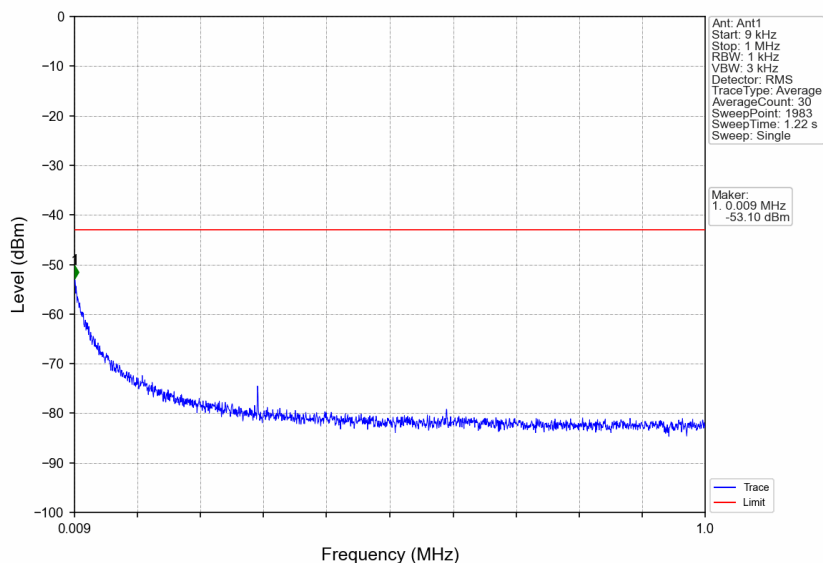
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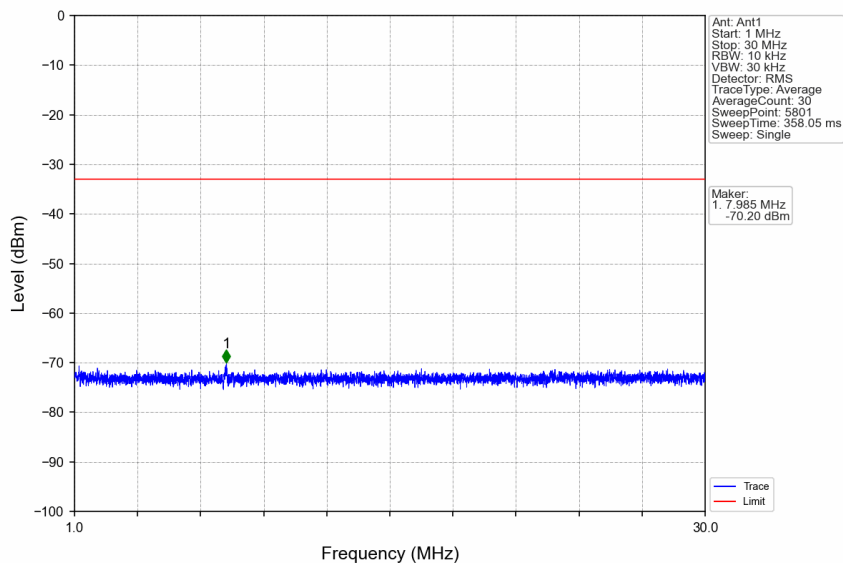
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n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2545MHz_Edge_1RB_Right



n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2545MHz_Edge_1RB_Right



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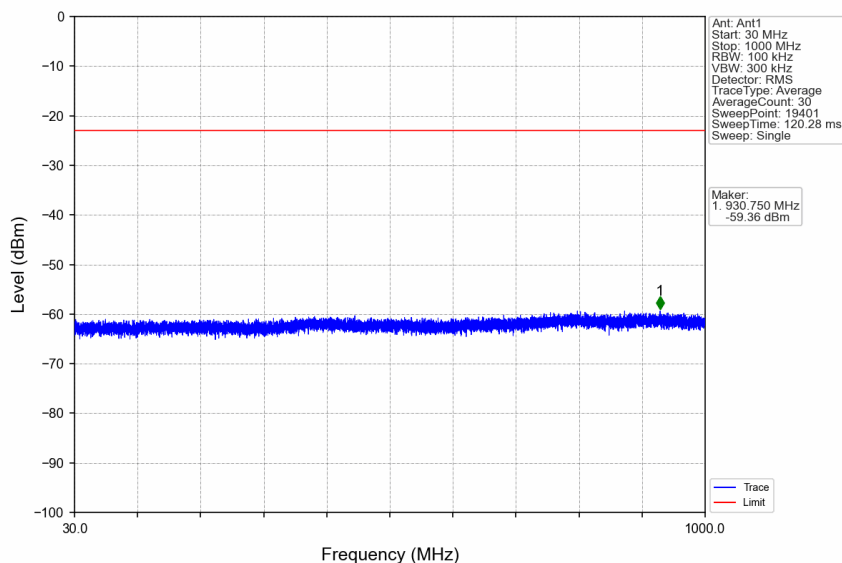
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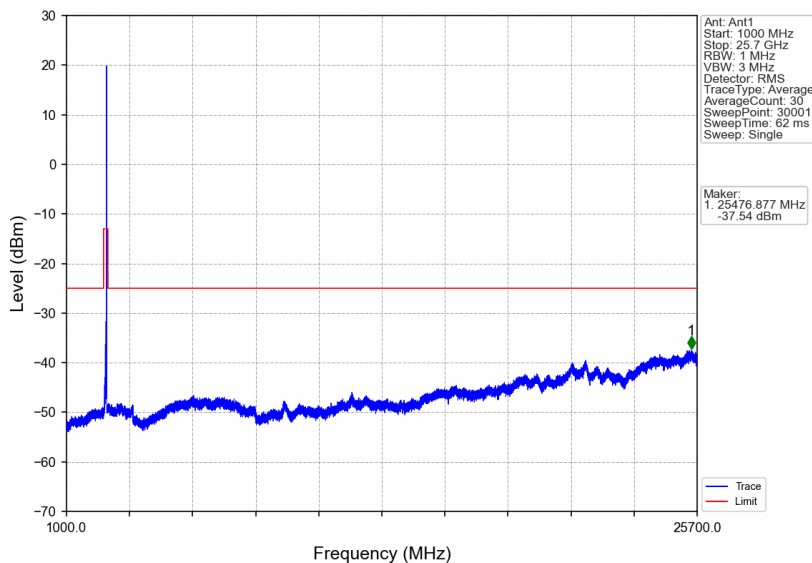
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n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2545MHz_Edge_1RB_Right



n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2545MHz_Edge_1RB_Right



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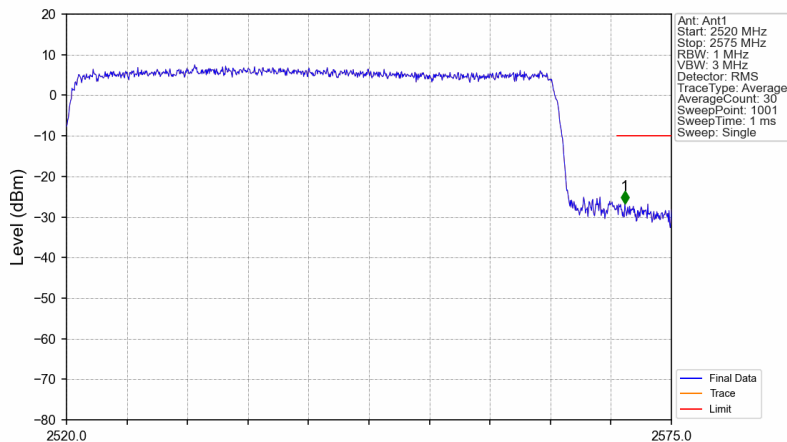
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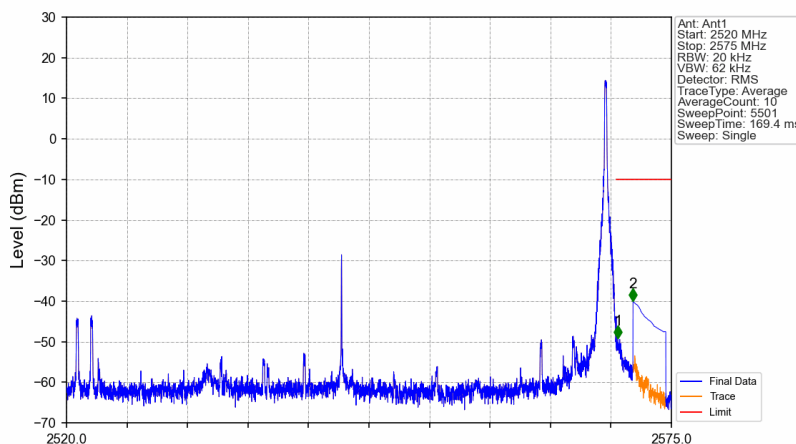
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n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2545MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2520	2570	1	/	/	/	/	/	/
2570	2575	1	/	1	2570.765	-26.70	-10	Pass

n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2545MHz_Inner_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2520	2570	0.02	/	/	/	/	/	/
2570	2571	0.02	/	1	2570.140	-49.14	-10	Pass
2571	2575	1	CHP	2	2571.510	-40.02	-10	Pass



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6.9 30k_SISO_10MHz_NTNV

6.9.1 Test Result

5G NR n7 SCS=30kHz SISO 10MHz NTN									
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict		
			Ant1	Ant2	Sum	Limit			
DFT-s-OFDM PI/2 BPSK	2505	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		
	2565	Inner_1RB_Right	Refer To Test Graph				Pass		
		DFT-s-OFDM QPSK	2505	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		
2565	Inner_1RB_Right	Refer To Test Graph				Pass			
	CP-OFDM QPSK	2505	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		
2565	Inner_1RB_Right	Refer To Test Graph				Pass			



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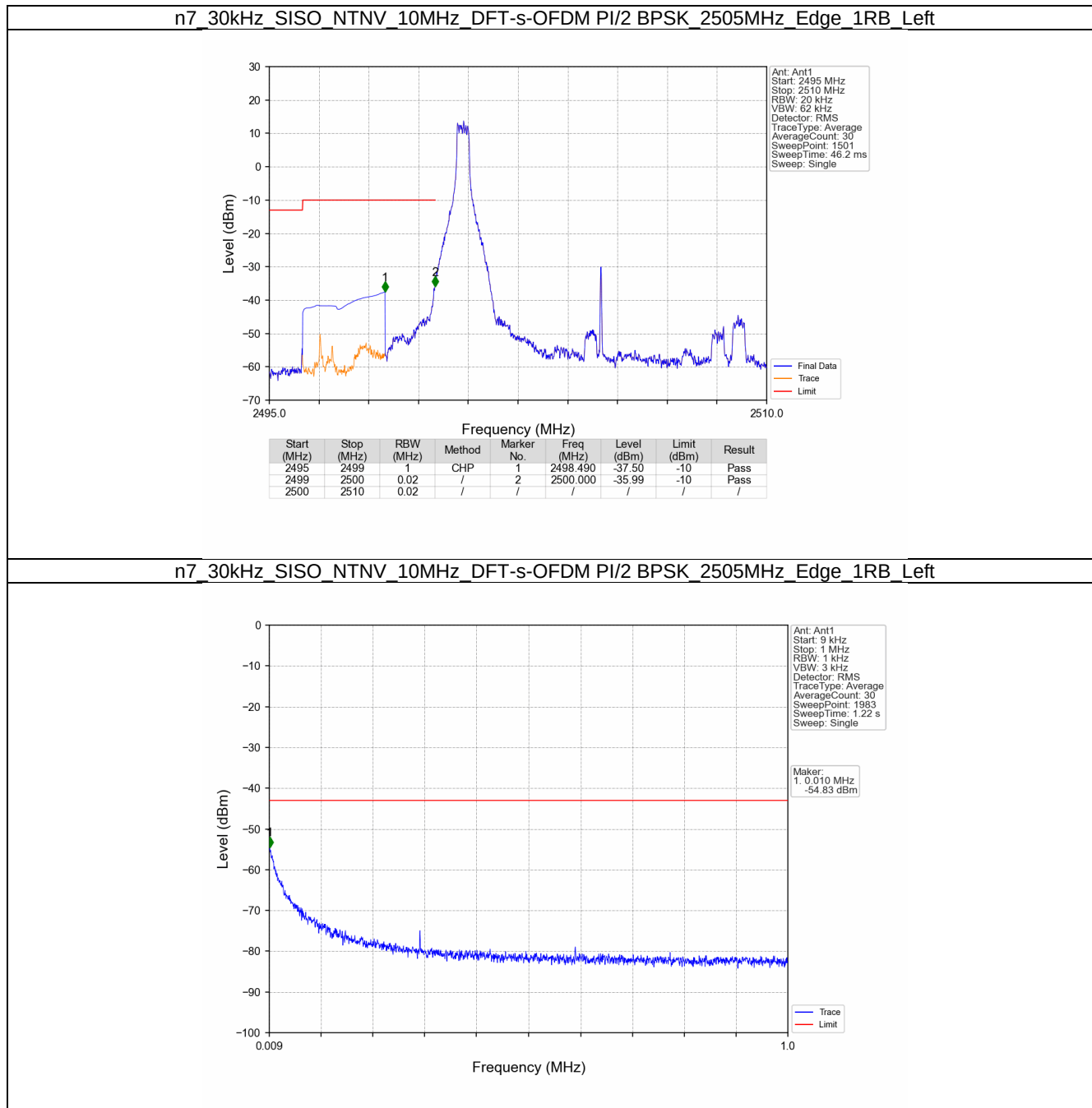
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6.9.2 Test Graph



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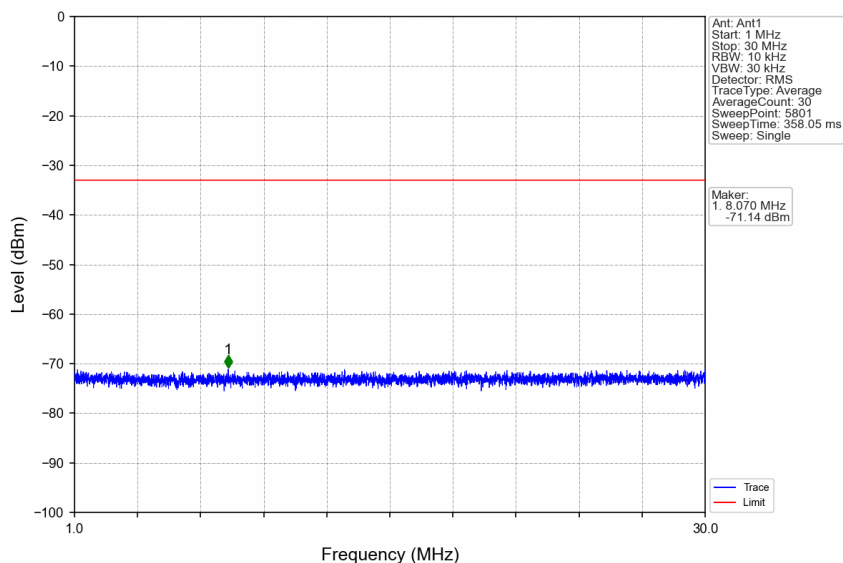
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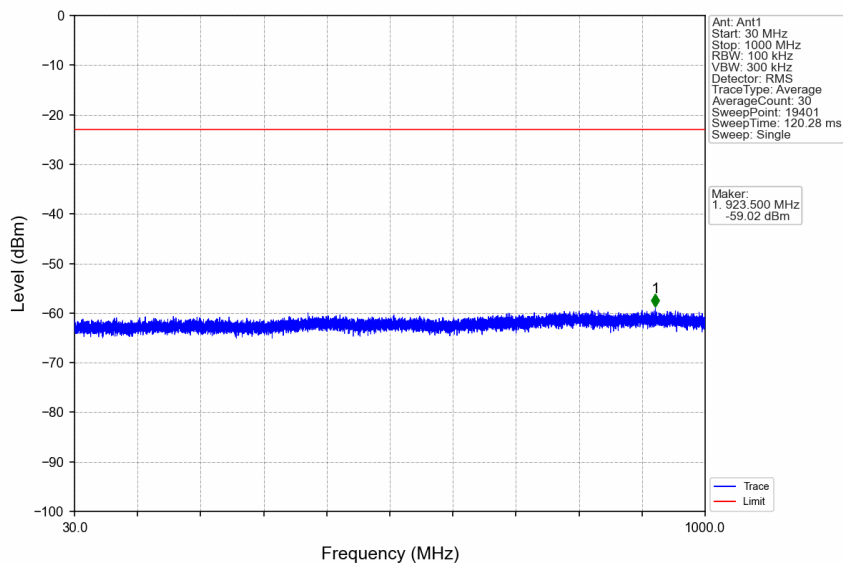
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n7_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2505MHz_Edge_1RB_Left



n7_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2505MHz_Edge_1RB_Left



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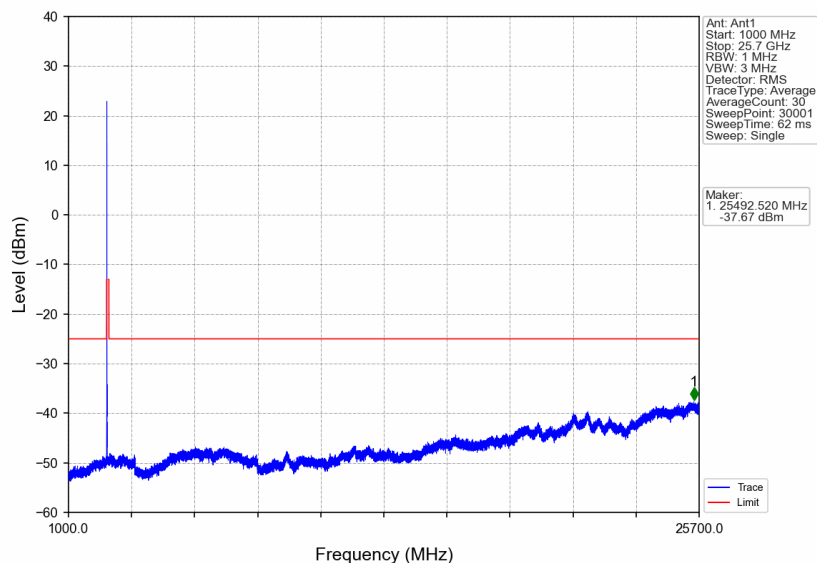
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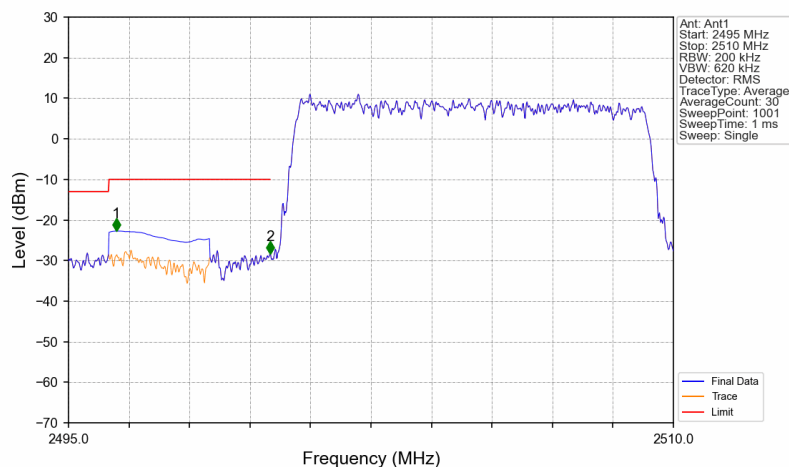
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n7_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2505MHz_Edge_1RB_Left



n7_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2505MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2495	2499	1	CHP	1	2496.185	-22.73	-10	Pass
2499	2500	0.2	/	2	2499.995	-28.34	-10	Pass
2500	2510	0.2	/	/	/	/	/	/



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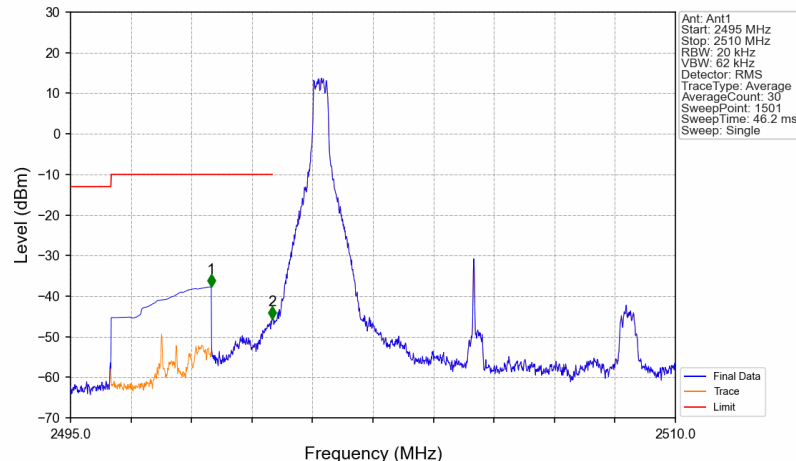
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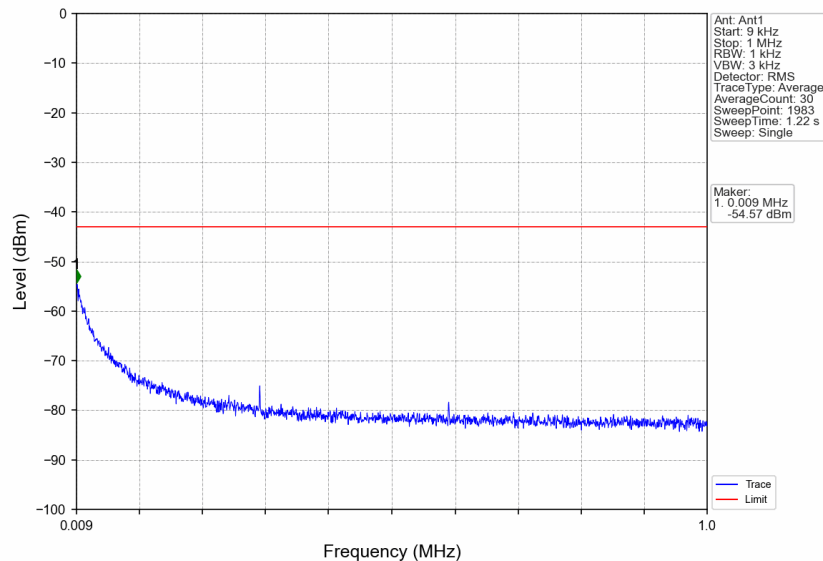
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n7_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2505MHz_Inner_1RB_Left



n7_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2535MHz_Edge_1RB_Left



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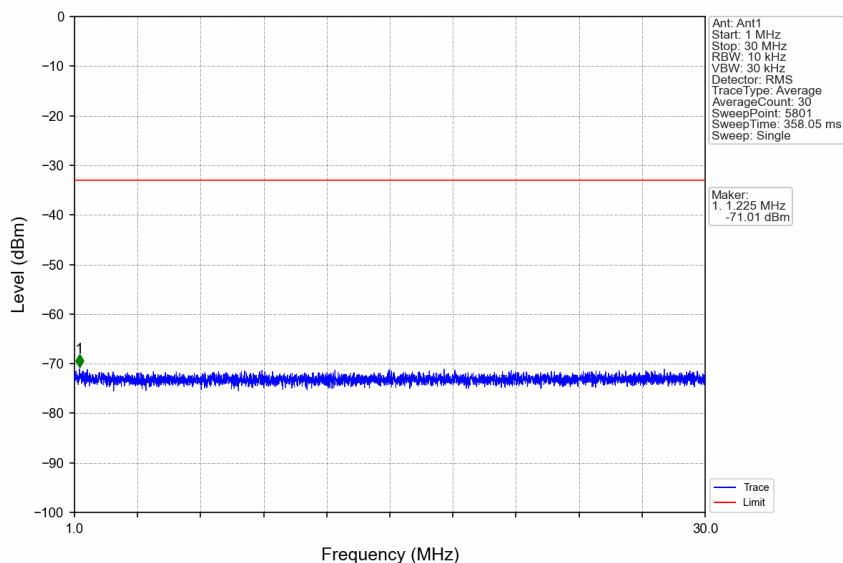
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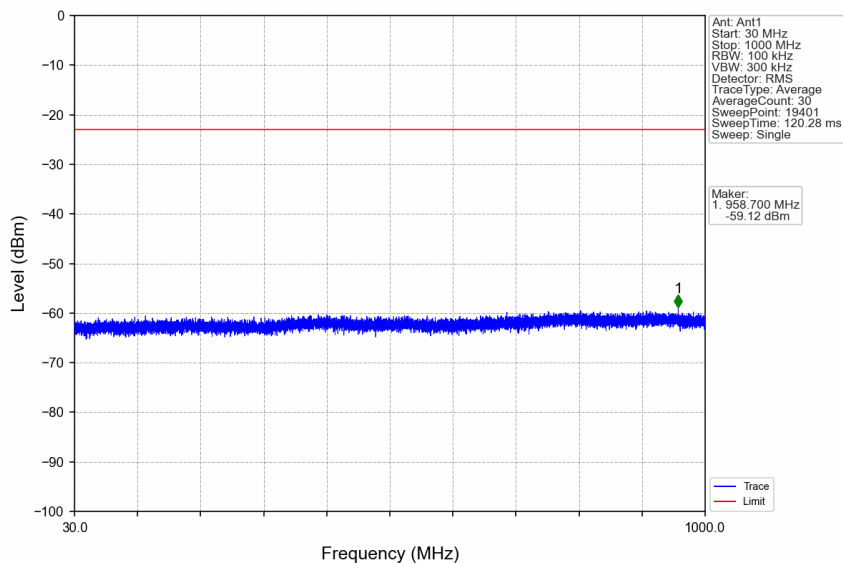
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n7_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2535MHz_Edge_1RB_Left



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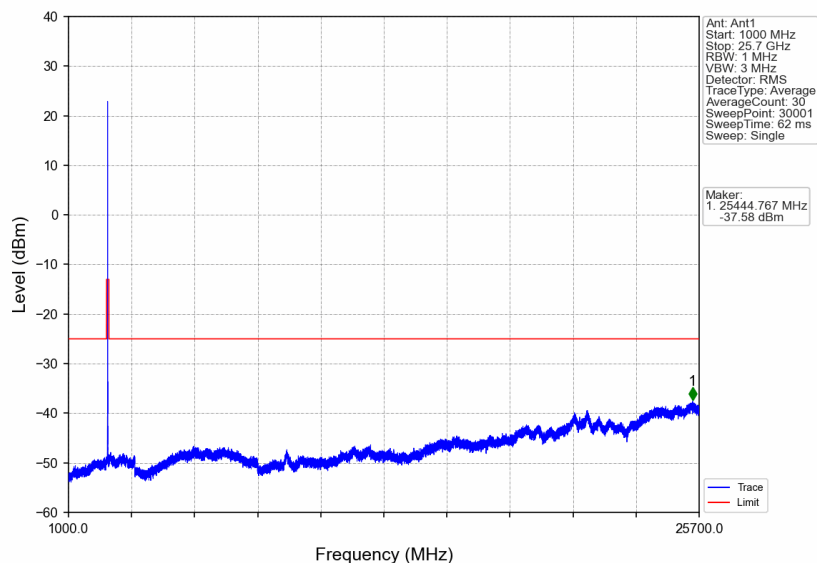
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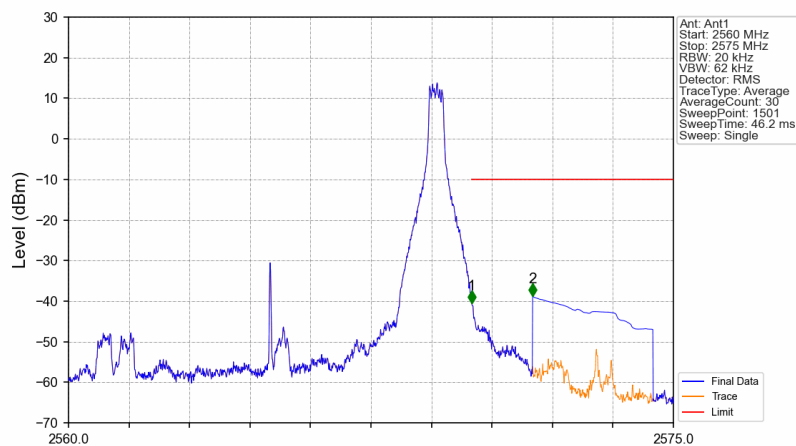
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n7_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2565MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.02	/	/	/	/	/	/
2570	2571	0.02	/	1	2570.000	-40.58	-10	Pass
2571	2575	1	CHP	2	2571.510	-38.83	-10	Pass



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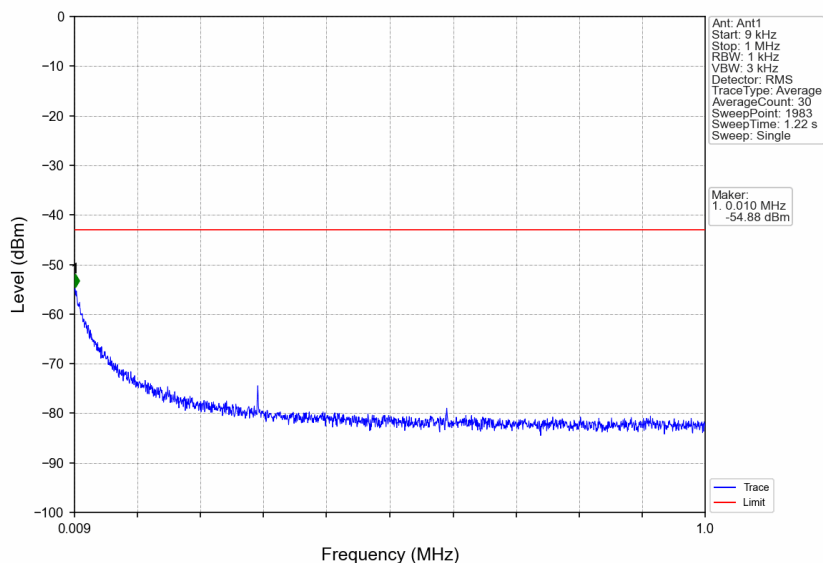
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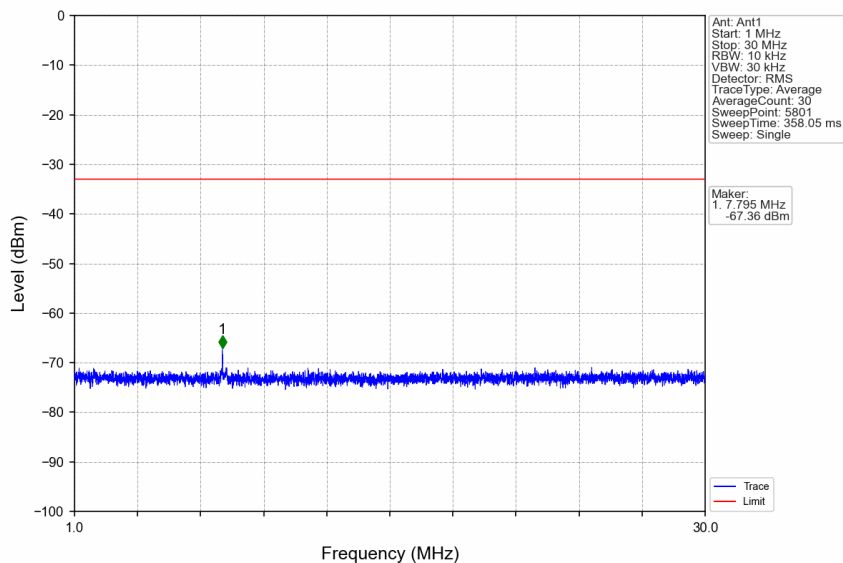
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n7_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2565MHz_Edge_1RB_Right



n7_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2565MHz_Edge_1RB_Right



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