

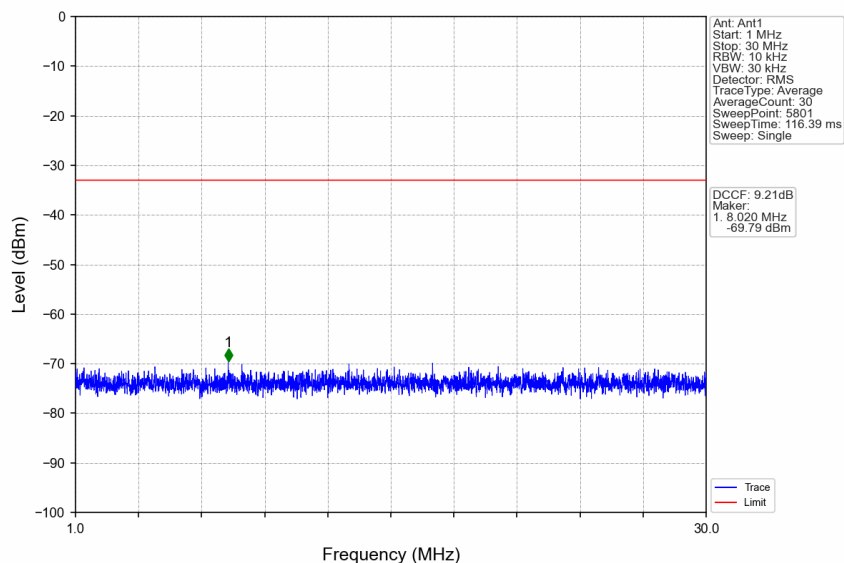


Report No.: SEWM2311000456RG02

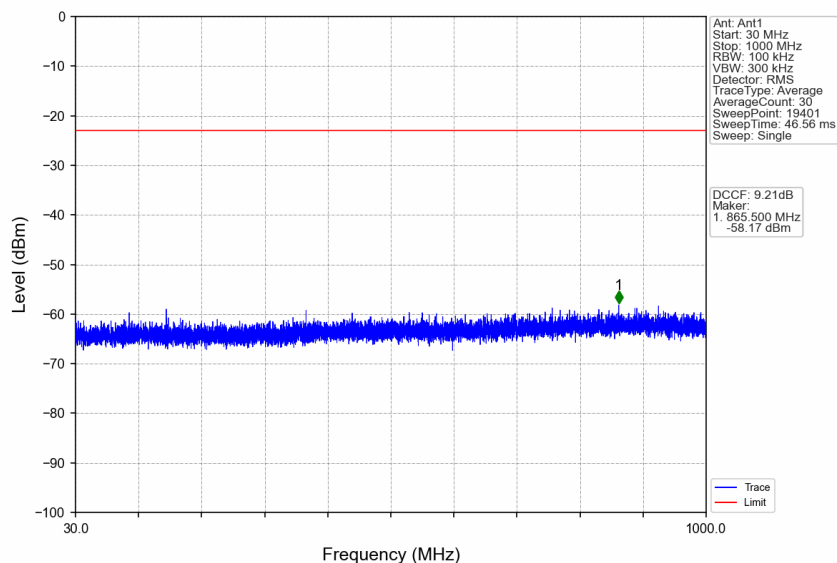
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n77d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3499.995MHz_Edge_1RB_Left



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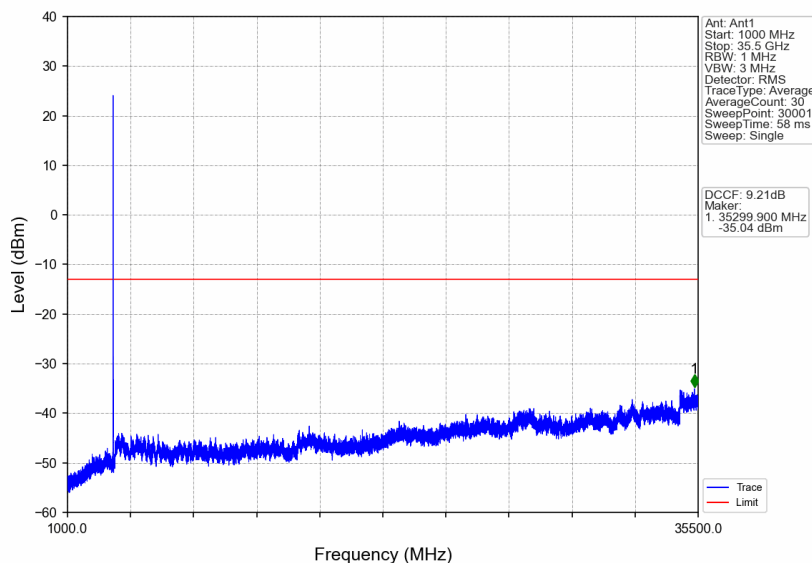
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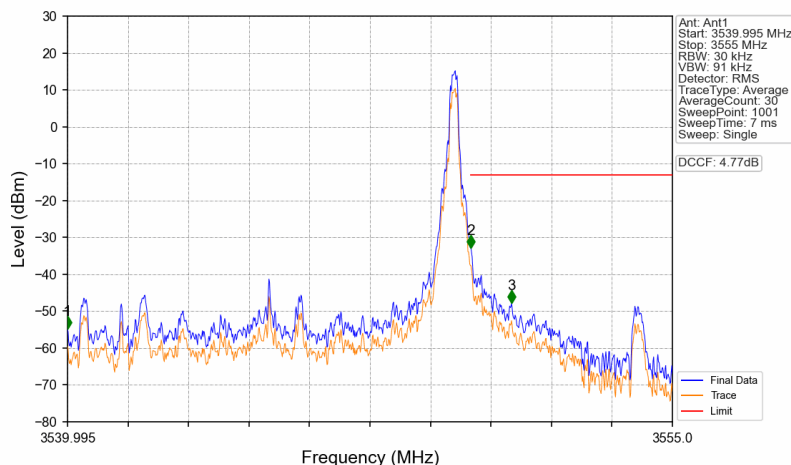
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n77d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK 3499.995MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK 3544.995MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3539.995	3549.995	0.03	/	1	3539.995	-54.83	-13	Pass
3549.995	3549.995	0.03	/	/	/	/	/	/
3549.995	3550.995	0.03	/	2	3550.003	-32.94	-13	Pass
3550.995	3554.995	0.5	/	3	3551.009	-47.80	-13	Pass



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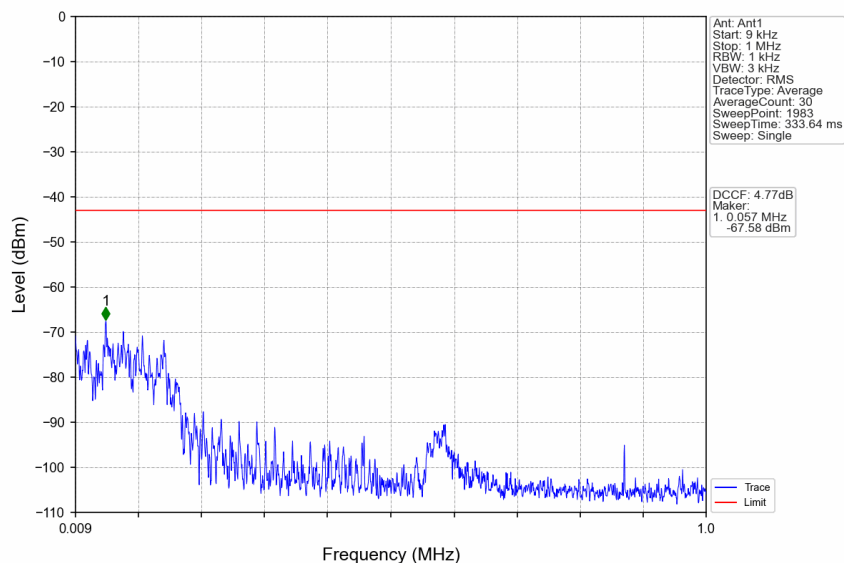
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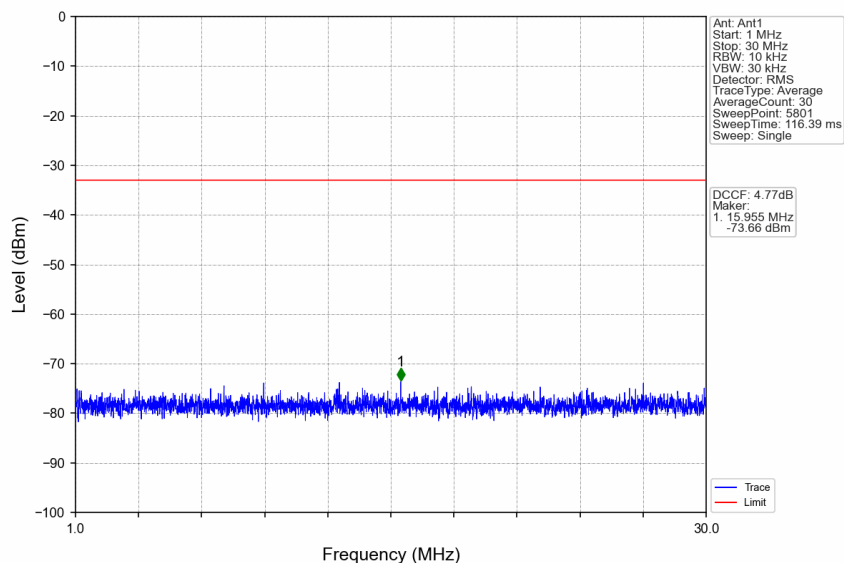
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n77d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3544.995MHz_Edge_1RB_Right



n77d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3544.995MHz_Edge_1RB_Right



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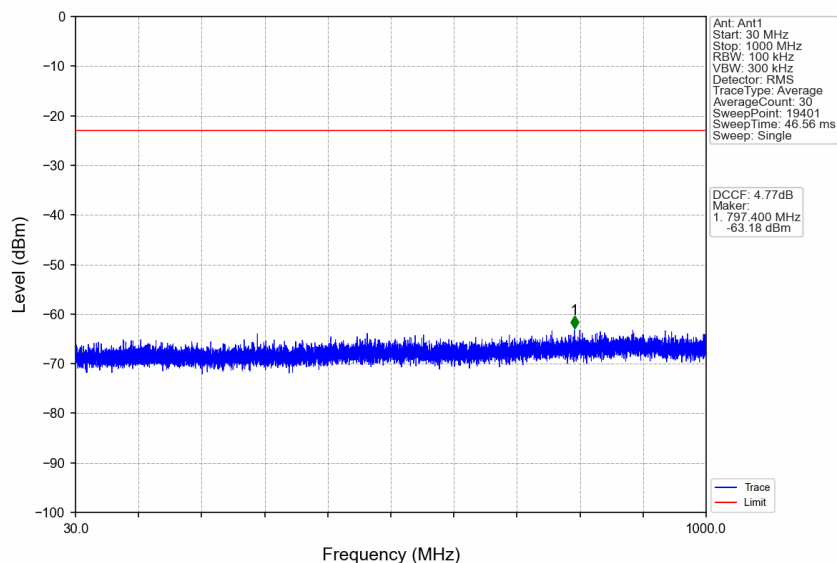
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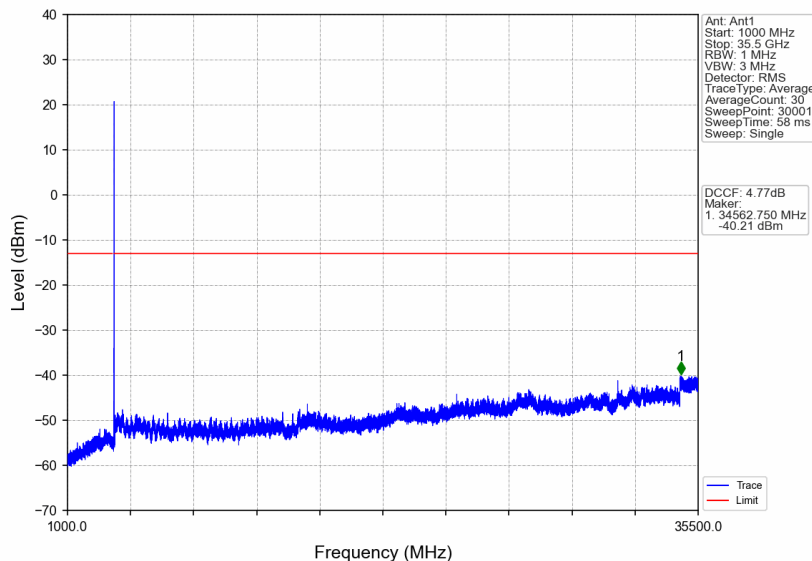
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n77d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3544.995MHz_Edge_1RB_Right



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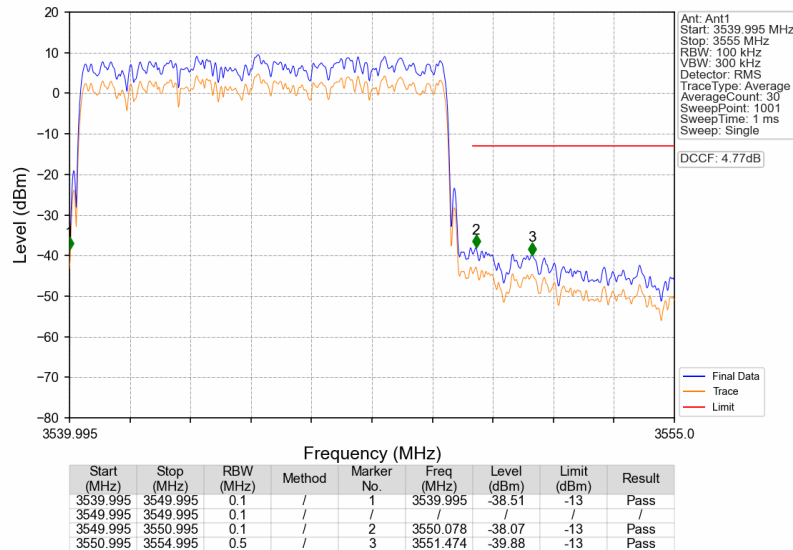
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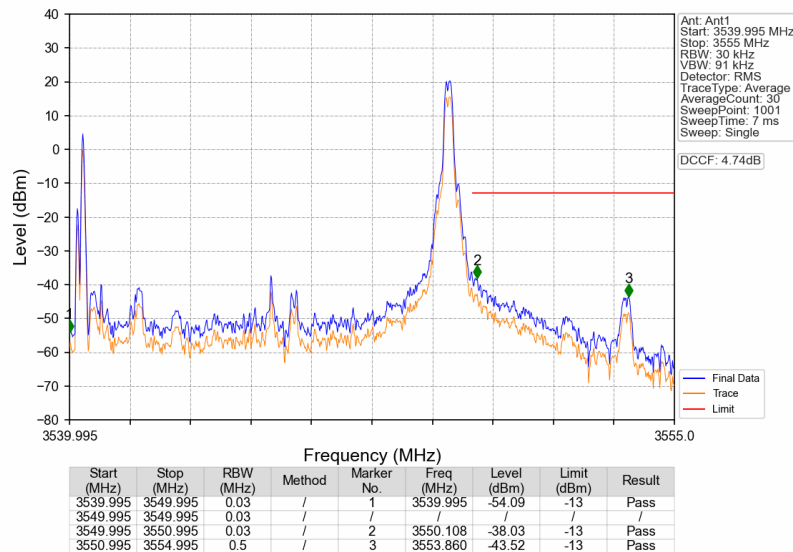
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n77d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3544.995MHz_Outer_Full



n77d_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3544.995MHz_Inner_1RB_Right



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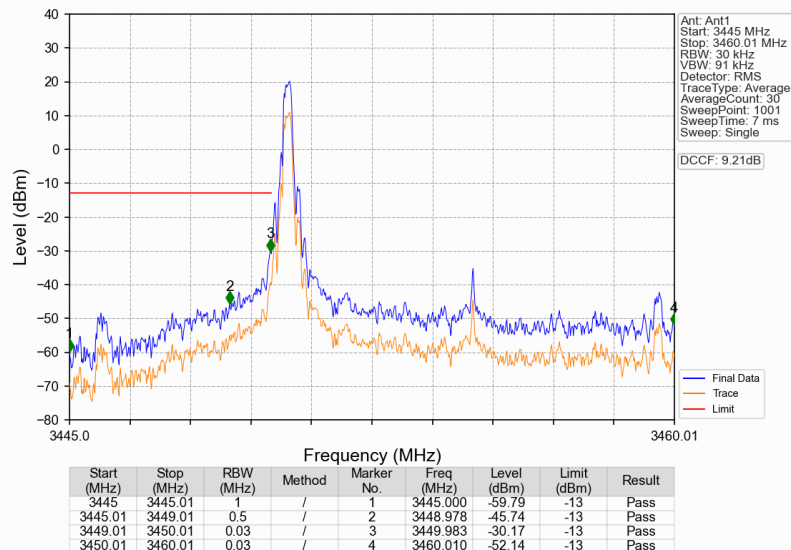
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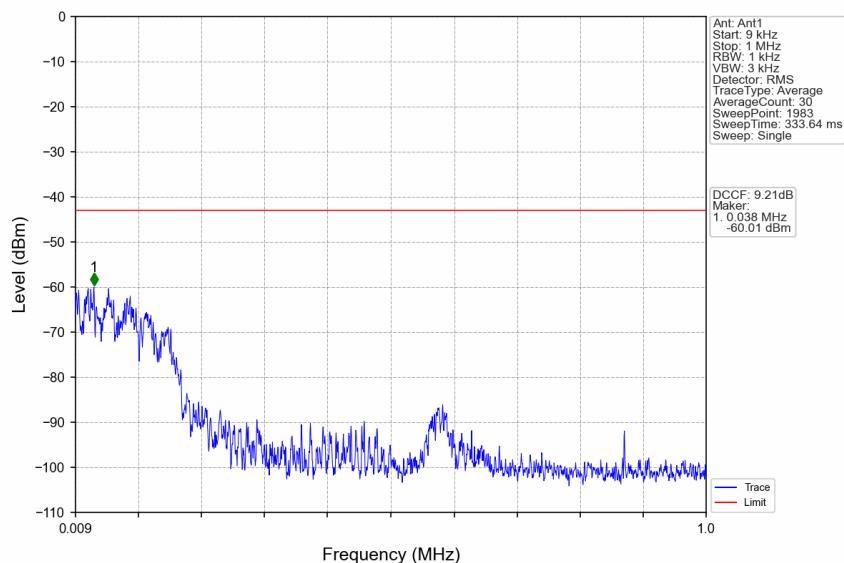
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n77d_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3455.01MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3455.01MHz_Edge_1RB_Left



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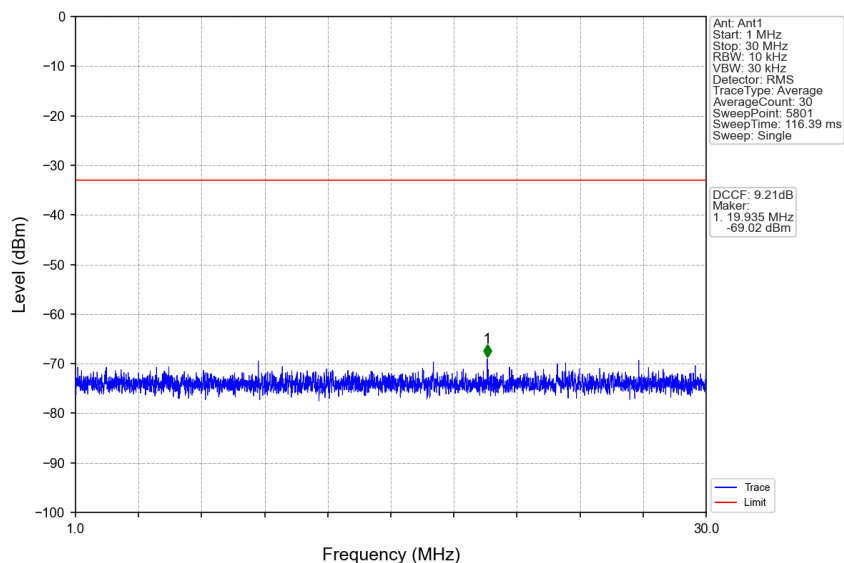


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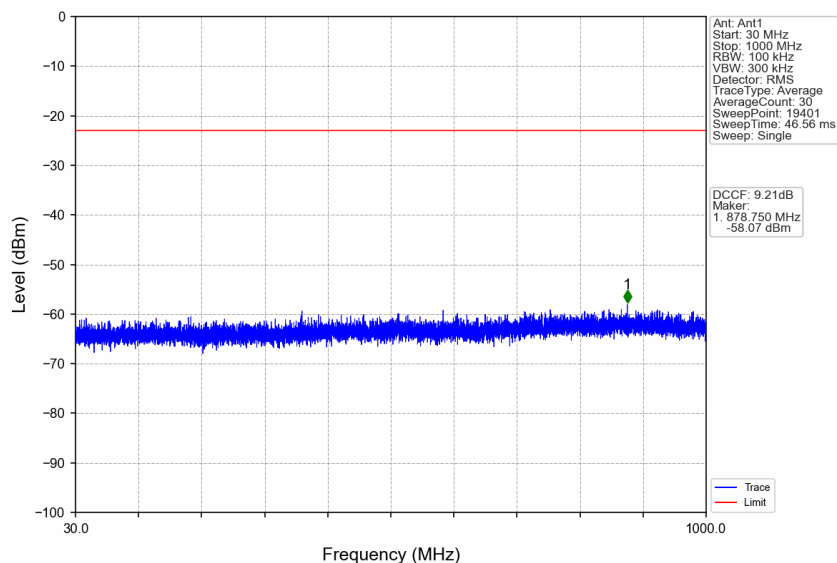
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n77d_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3455.01MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3455.01MHz_Edge_1RB_Left



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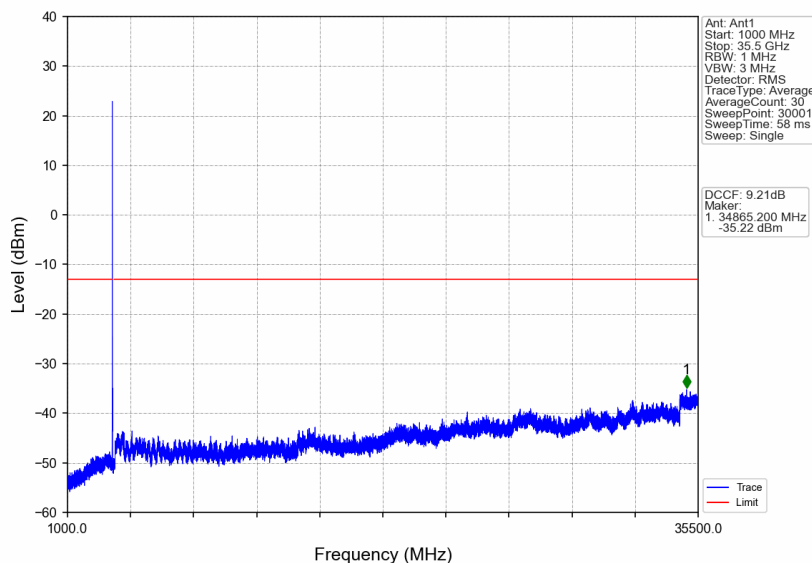
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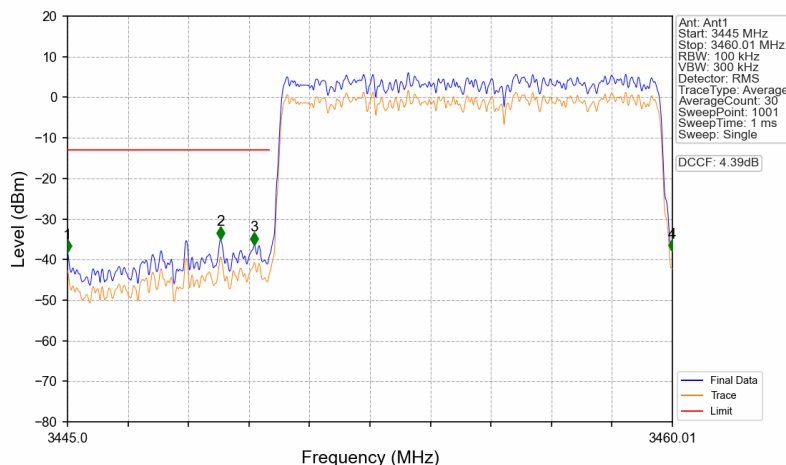
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n77d_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3455.01MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445.01	1	/	1	3445.000	-38.22	-13	Pass
3445.01	3449.01	0.5	/	2	3448.798	-34.94	-13	Pass
3449.01	3450.01	0.1	/	3	3449.638	-36.37	-13	Pass
3450.01	3460.01	0.1	/	4	3460.010	-38.02	-13	Pass



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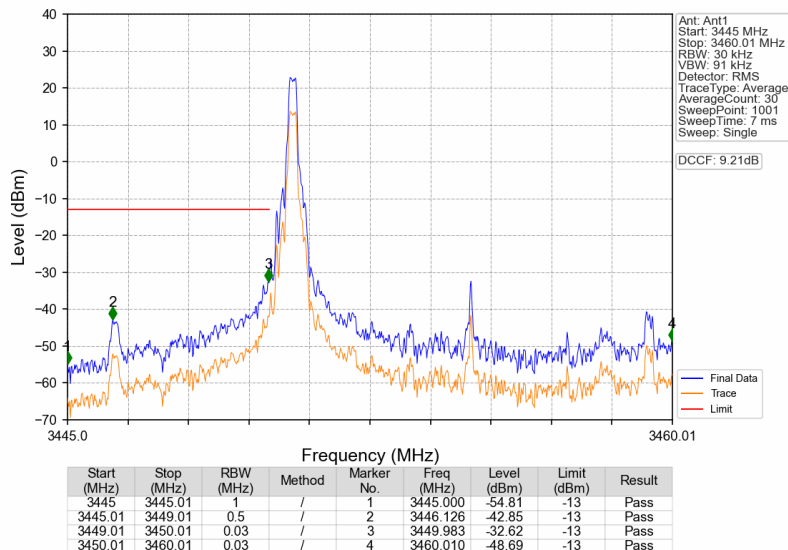
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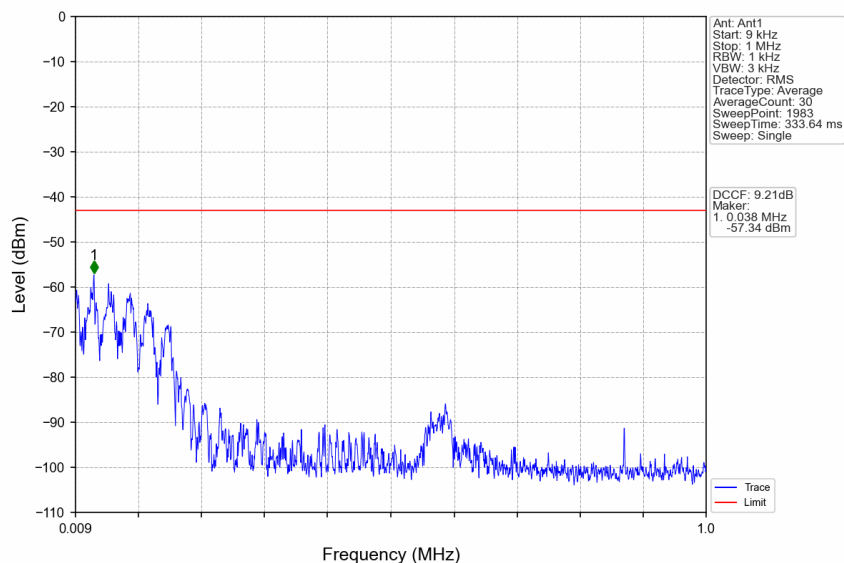
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n77d 15kHz SISO_NTNV_10MHz_CP-OFDM QPSK_3455.01MHz_Inner_1RB_Left



n77d 15kHz SISO_NTNV_10MHz_CP-OFDM QPSK_3499.995MHz_Edge_1RB_Left



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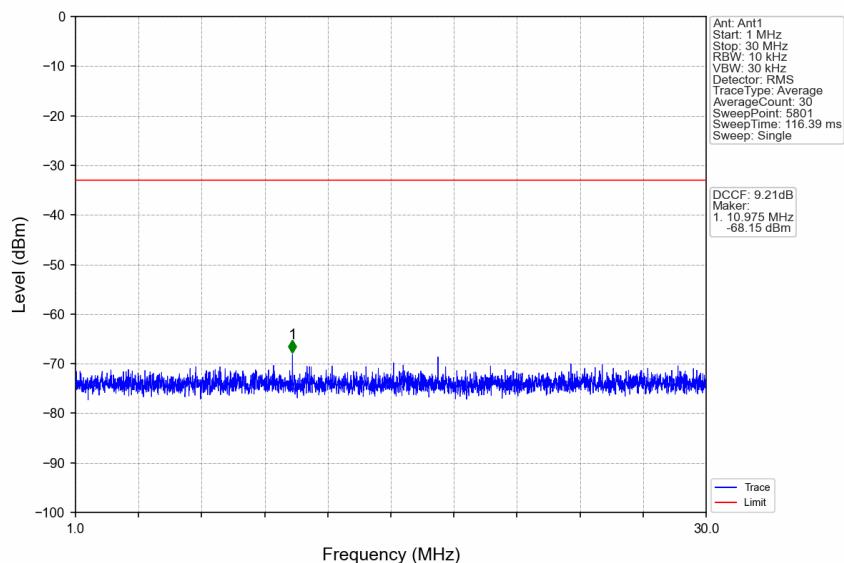


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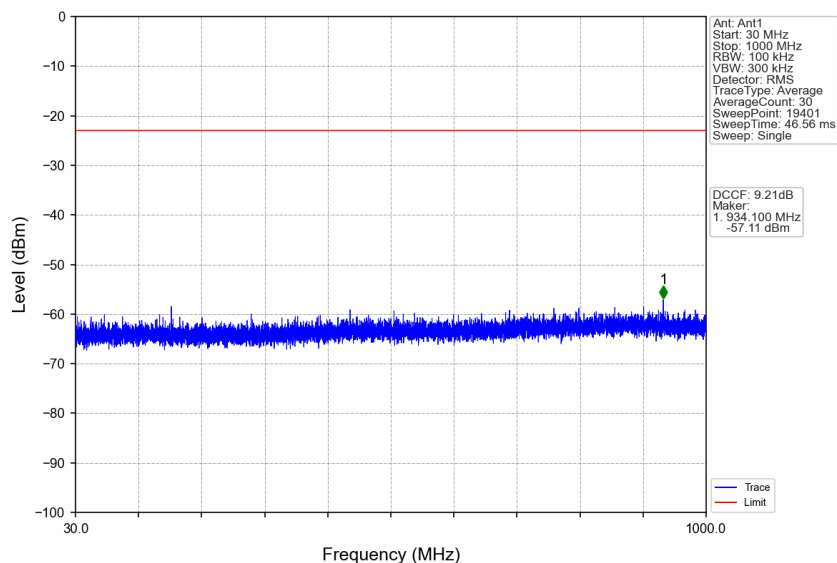
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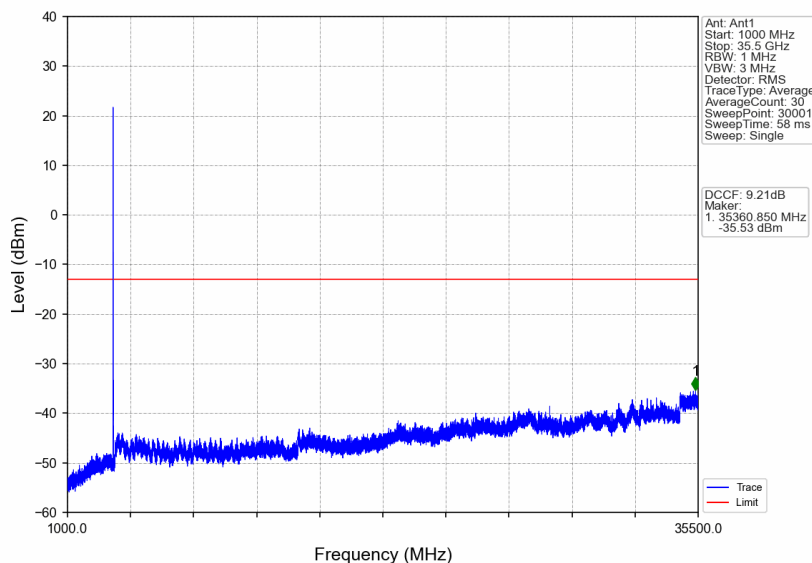
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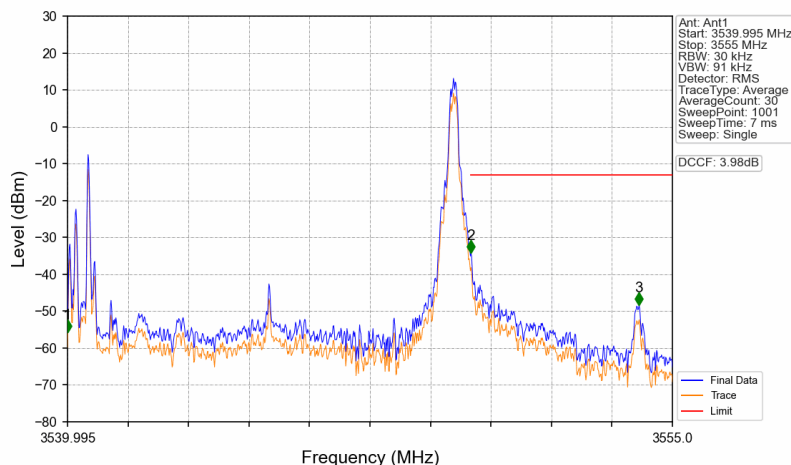
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n77d_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK 3499.995MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK 3544.995MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3539.995	3549.995	0.03	/	1	3539.995	-55.78	-13	Pass
3549.995	3549.995	0.03	/	/	/	/	/	/
3549.995	3550.995	0.03	/	2	3550.003	-34.21	-13	Pass
3550.995	3554.995	0.5	/	3	3554.175	-48.36	-13	Pass



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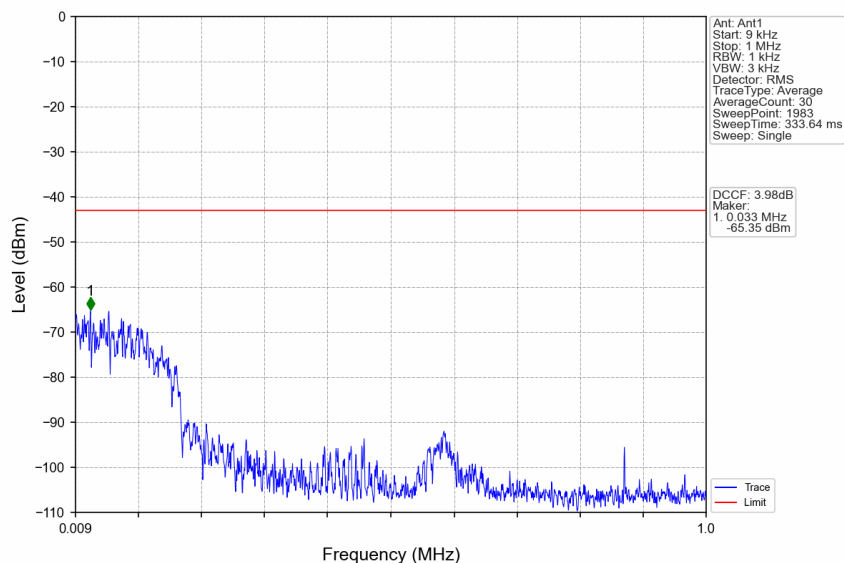
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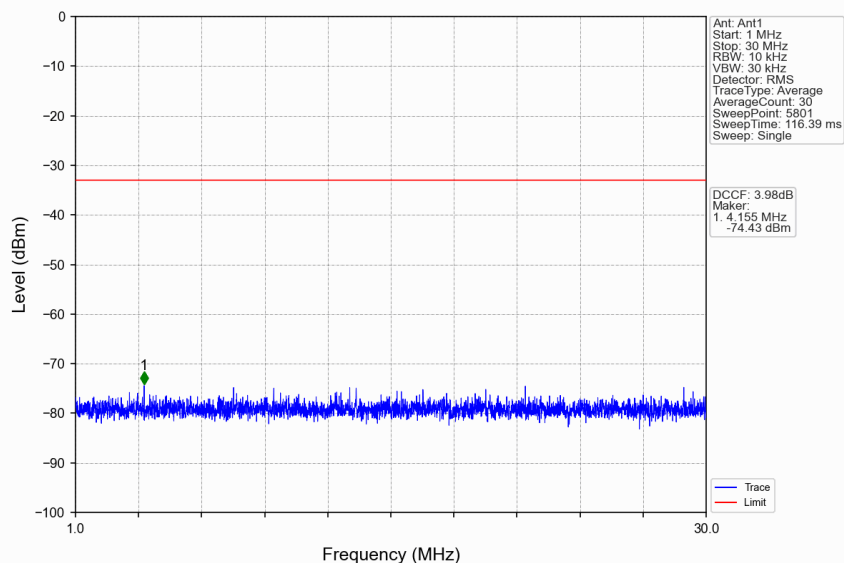
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n77d_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3544.995MHz_Edge_1RB_Right



n77d_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3544.995MHz_Edge_1RB_Right



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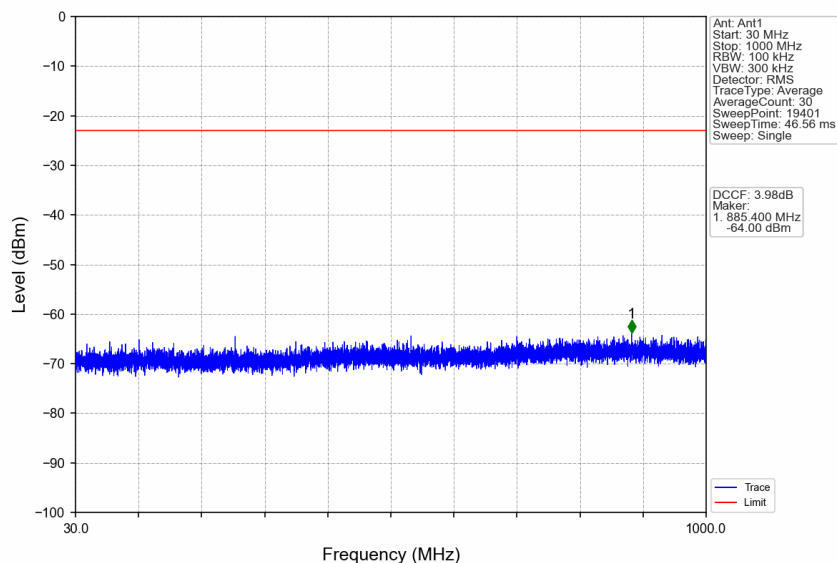
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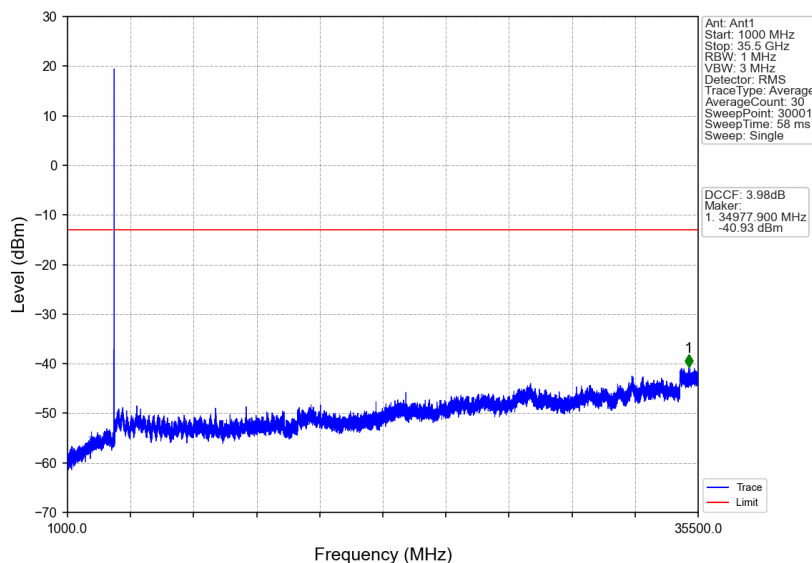
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n77d_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3544.995MHz_Edge_1RB_Right



n77d_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3544.995MHz_Edge_1RB_Right



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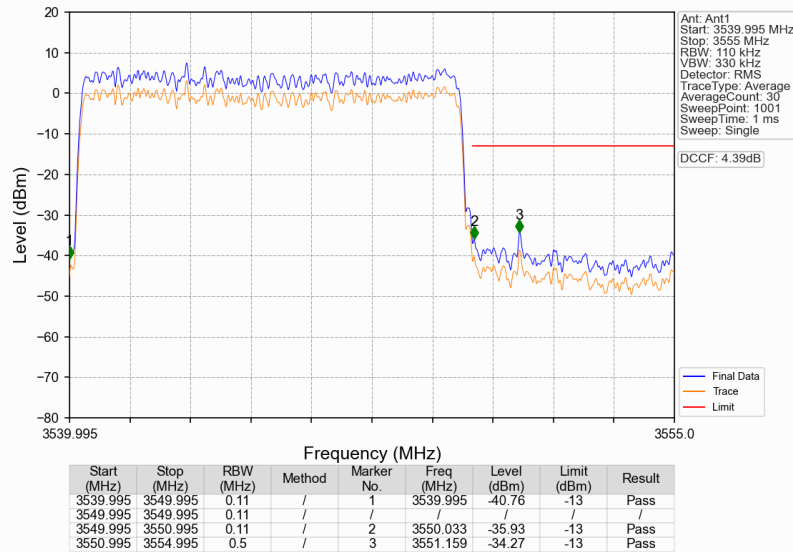
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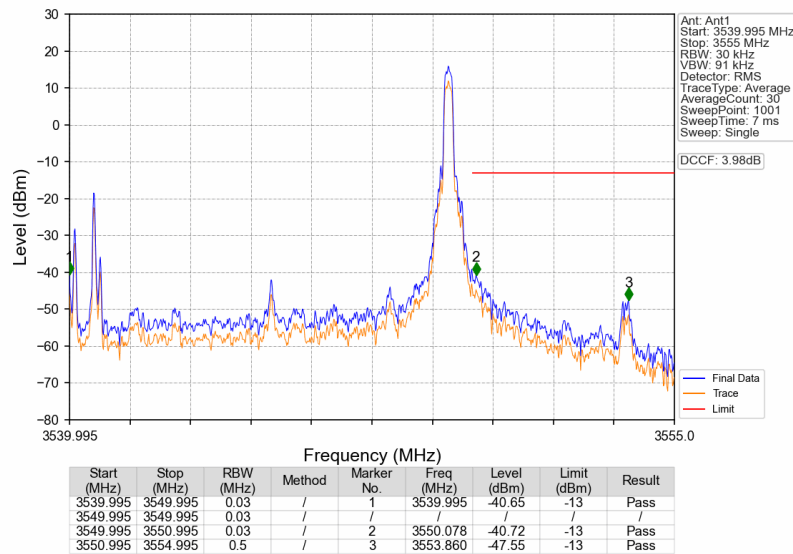
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n77d_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3544.995MHz_Outer_Full



n77d_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3544.995MHz_Inner_1RB_Right



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6.2 15k_SISO_15MHz_NTNV

6.2.1 Test Result

5G NR n77d SCS=15kHz SISO 15MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant5	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	3457.5	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	3499.995	Edge_1RB_Left	Refer To Test Graph				Pass	
		3542.49	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3457.5		Inner_1RB_Right	Refer To Test Graph				Pass
		3499.995	Edge_1RB_Left	Refer To Test Graph				Pass
			Edge_1RB_Right	Refer To Test Graph				Pass
	3542.49		Outer_Full	Refer To Test Graph				Pass
		3499.995	Inner_1RB_Right	Refer To Test Graph				Pass
			3457.5	Edge_1RB_Left	Refer To Test Graph			
CP-OFDM QPSK	3457.5			Outer_Full	Refer To Test Graph			
		3499.995		Inner_1RB_Left	Refer To Test Graph			
			Edge_1RB_Left	Refer To Test Graph				Pass
	3542.49		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Right	Refer To Test Graph				Pass	



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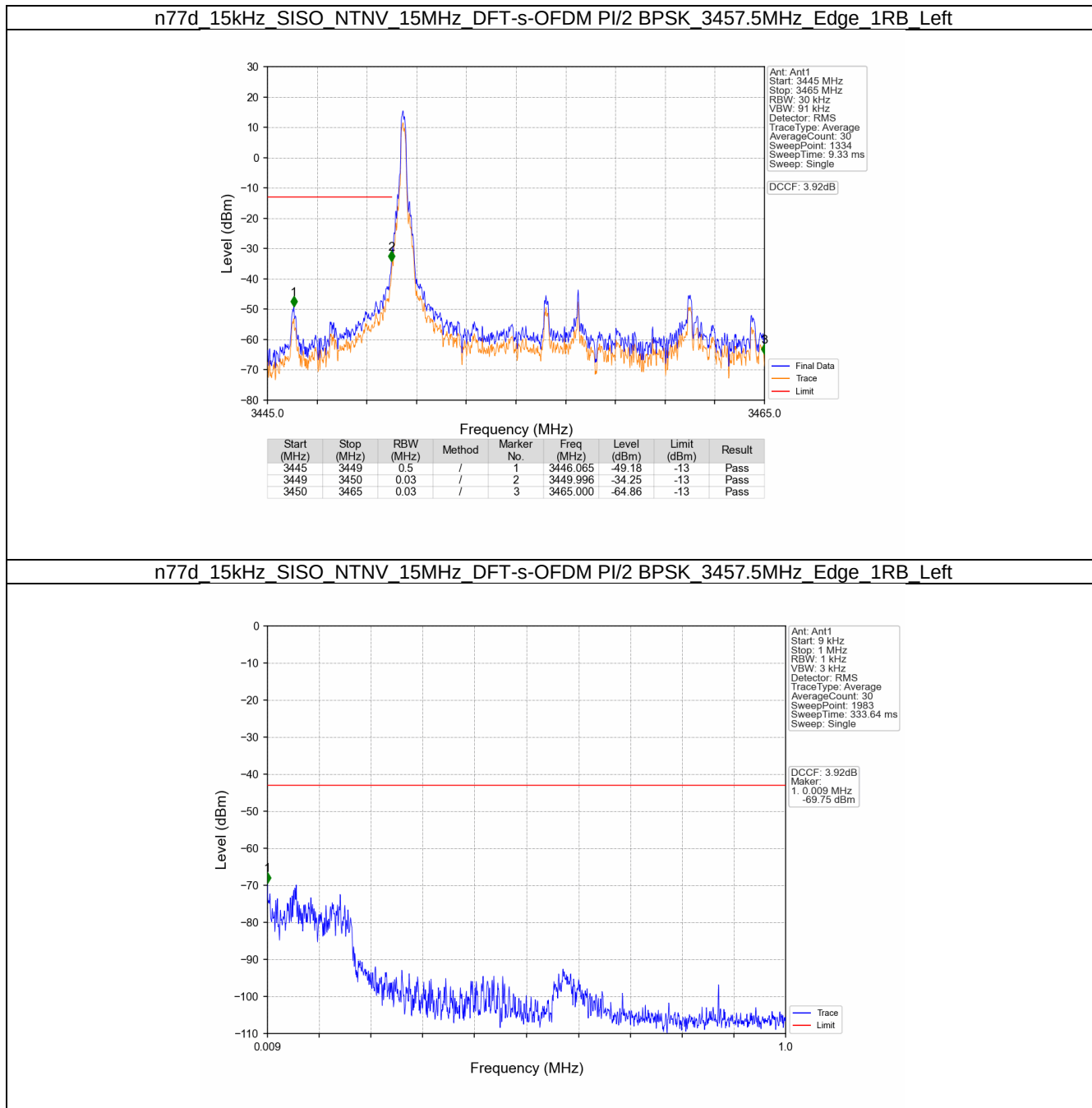
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6.2.2 Test Graph



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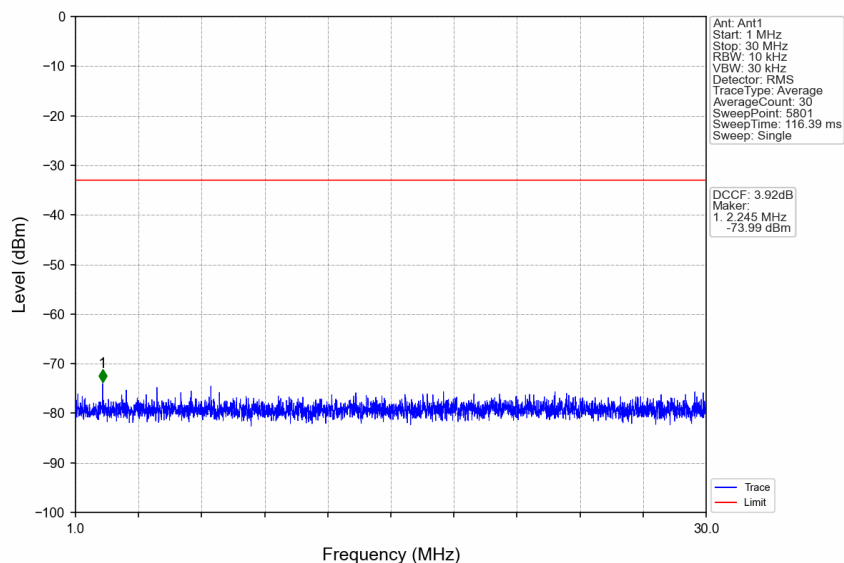


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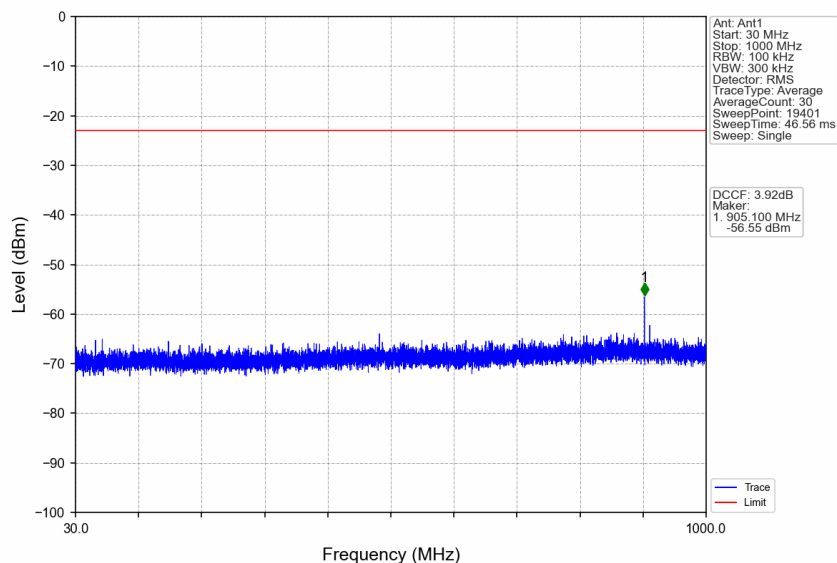
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n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_3457.5MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_3457.5MHz_Edge_1RB_Left



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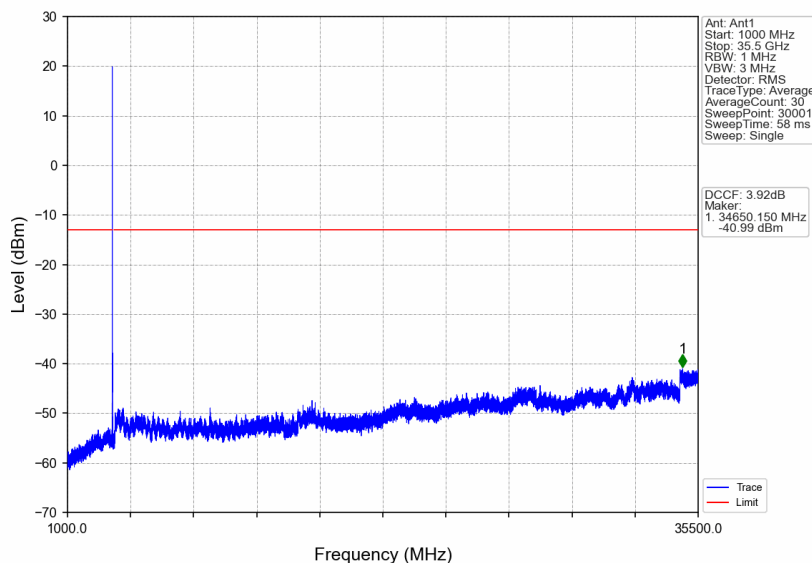
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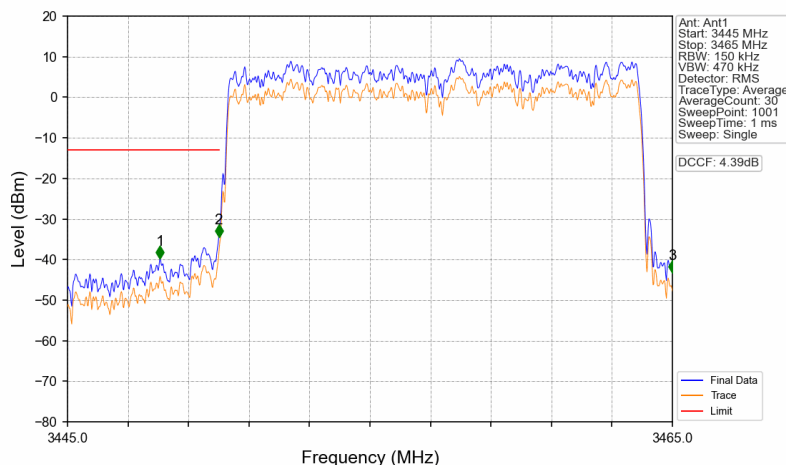
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n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_3457.5MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_3457.5MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3449	0.5	/	1	3448.060	-39.75	-13	Pass
3449	3450	0.15	/	2	3450.000	-34.47	-13	Pass
3450	3465	0.15	/	3	3465.000	-43.38	-13	Pass



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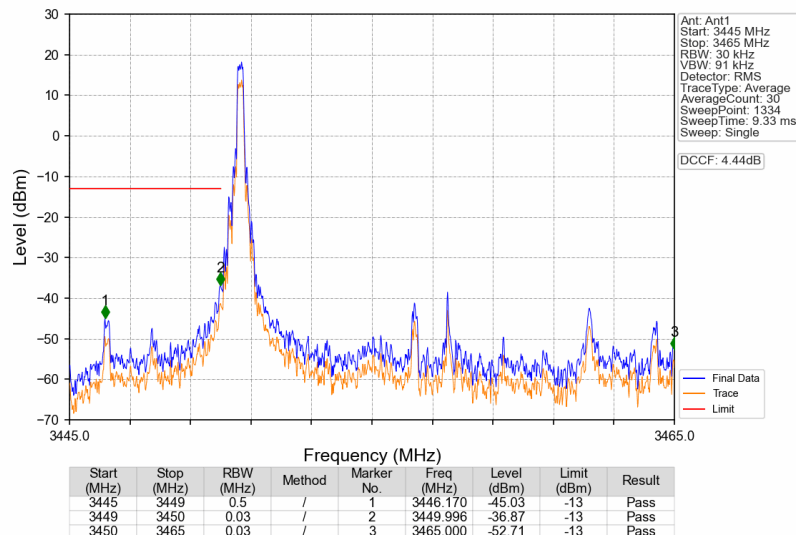
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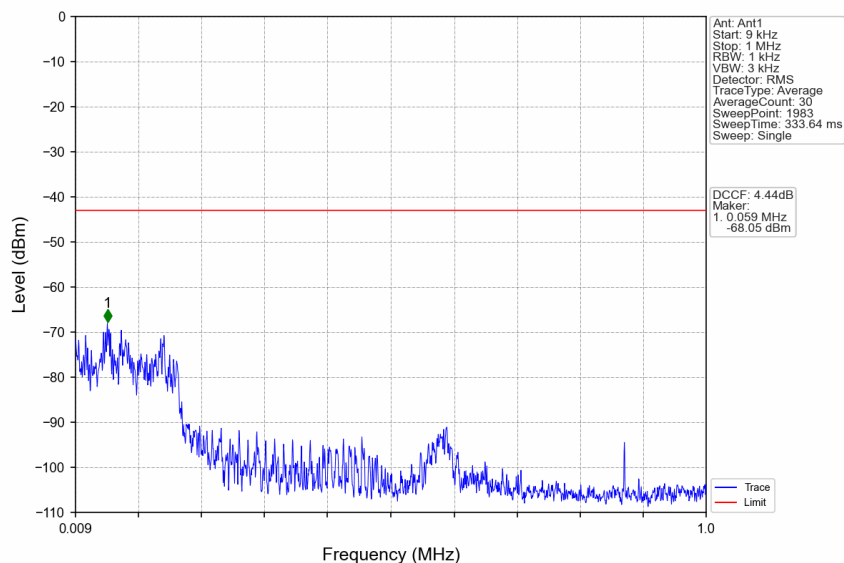
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n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_3457.5MHz_Inner_1RB_Left



n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_3499.995MHz_Edge_1RB_Left



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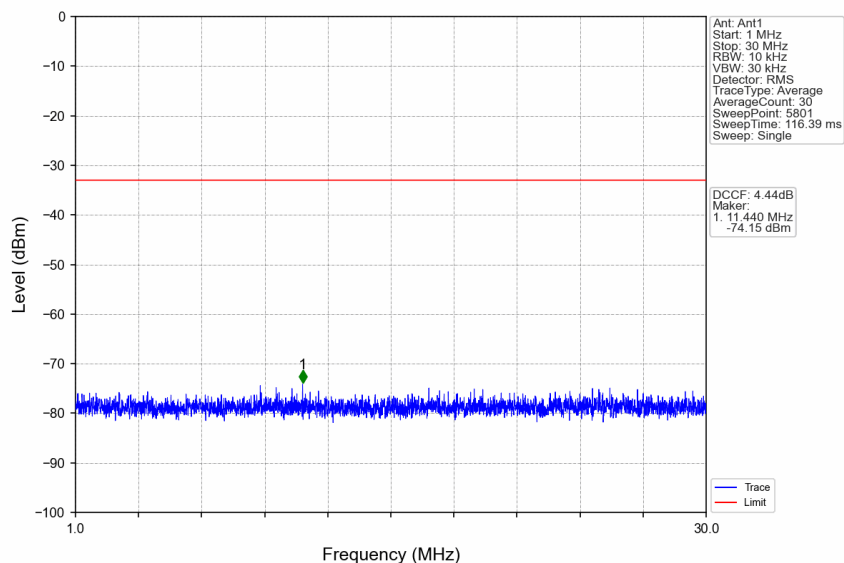


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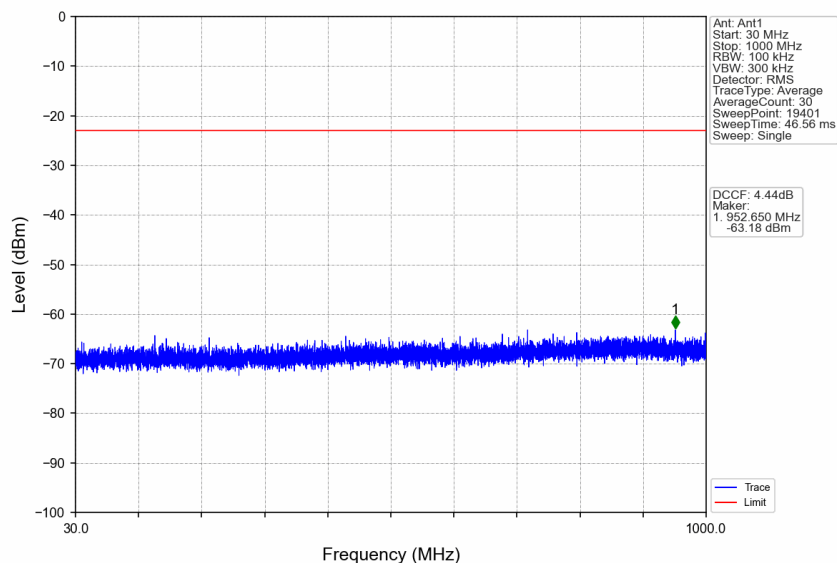
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n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_3499.995MHz_Edge_1RB_Left



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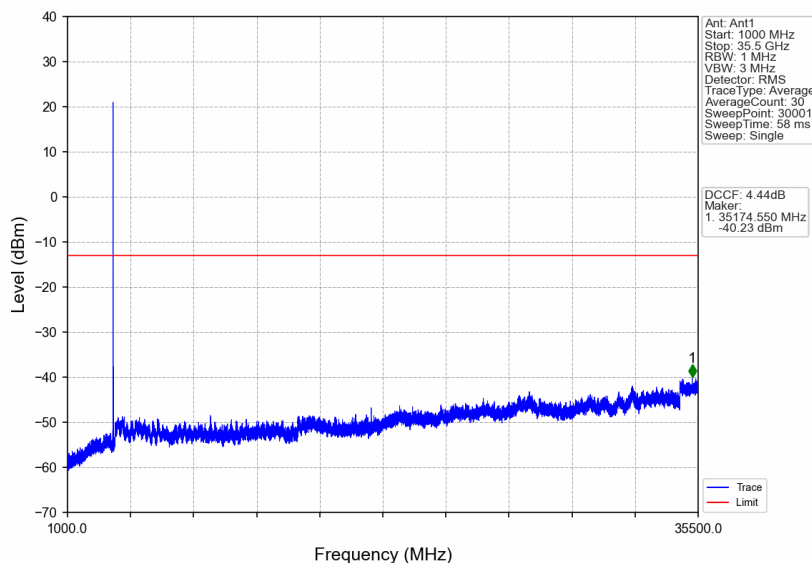


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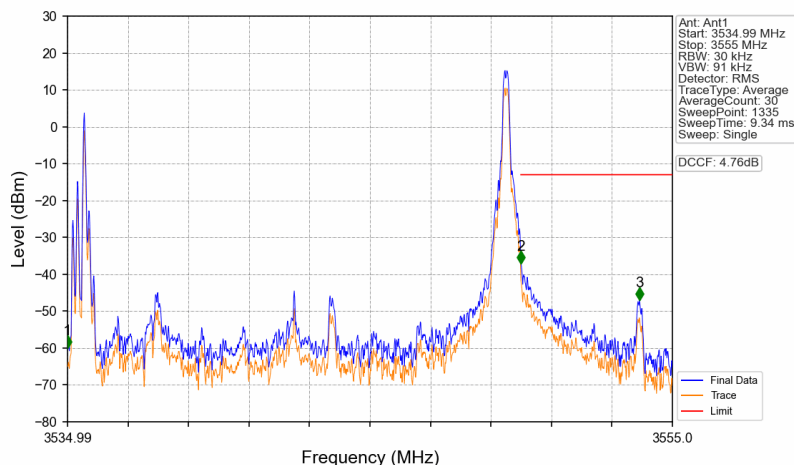
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n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_3542.49MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.99	3549.99	0.03	/	1	3534.990	-59.99	-13	Pass
3549.99	3549.99	0.03	/	/	/	/	/	/
3549.99	3550.99	0.03	/	2	3549.990	-37.15	-13	Pass
3550.99	3554.99	0.5	/	3	3553.905	-47.05	-13	Pass



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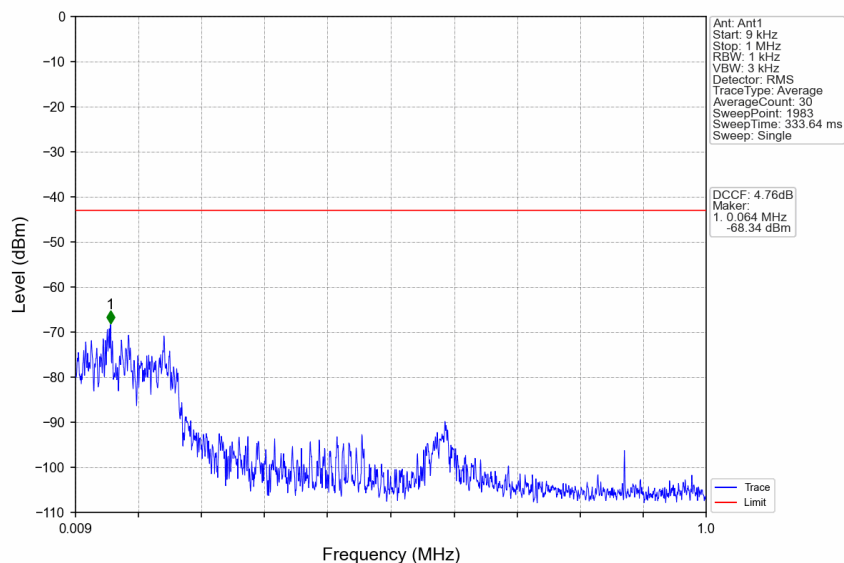
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Report No.: SEWM2311000456RG02

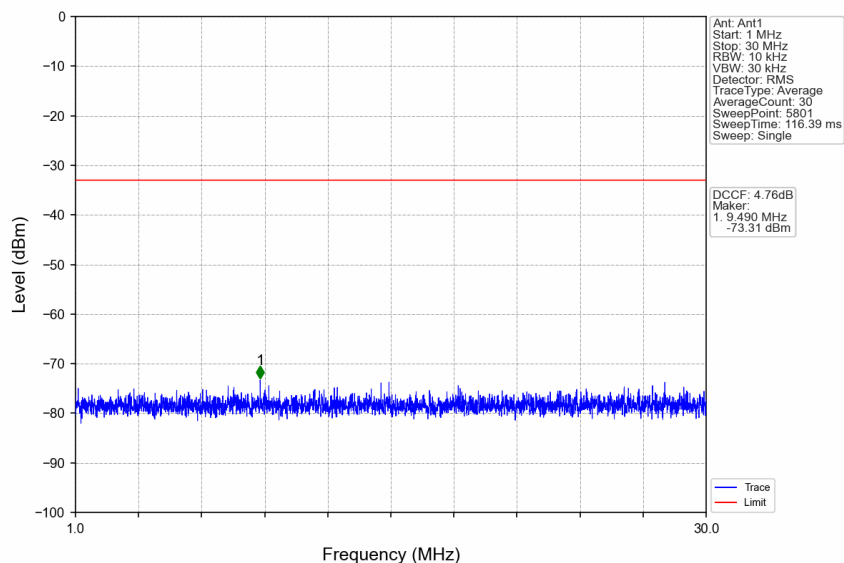
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n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_3542.49MHz_Edge_1RB_Right



n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_3542.49MHz_Edge_1RB_Right



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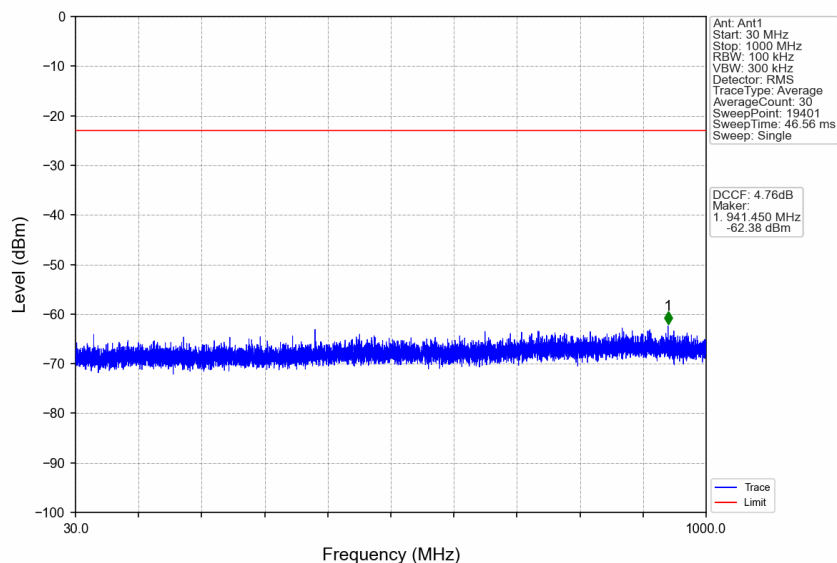


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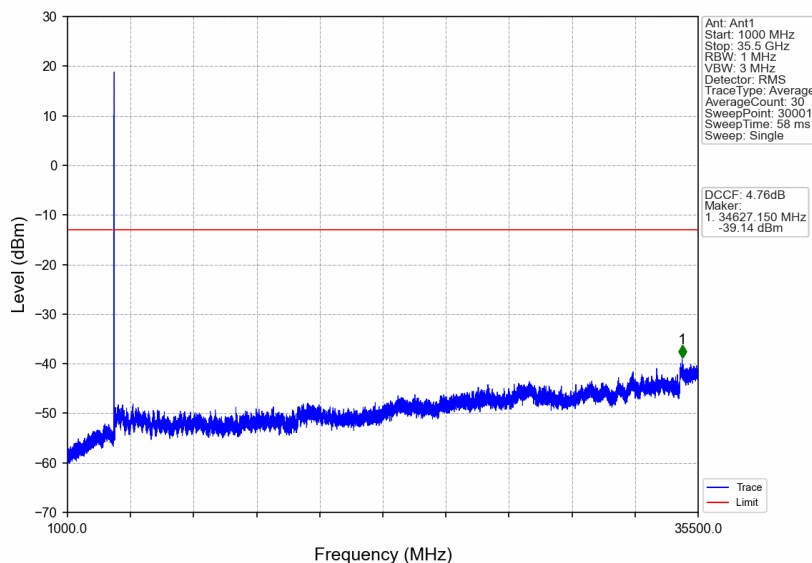
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n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_3542.49MHz_Edge_1RB_Right



n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_3542.49MHz_Edge_1RB_Right



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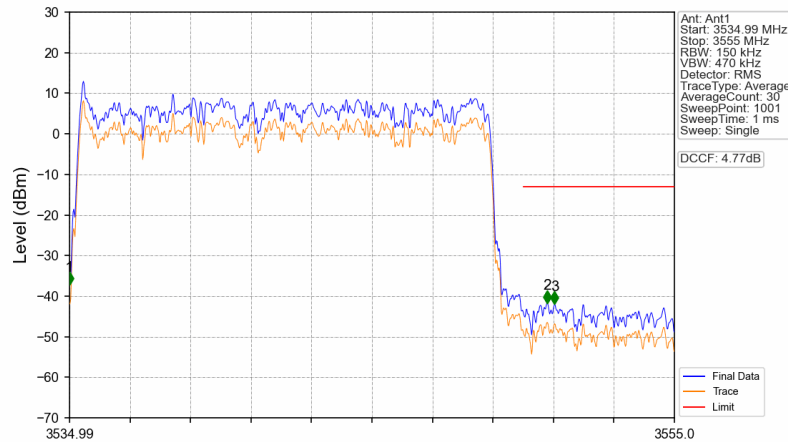
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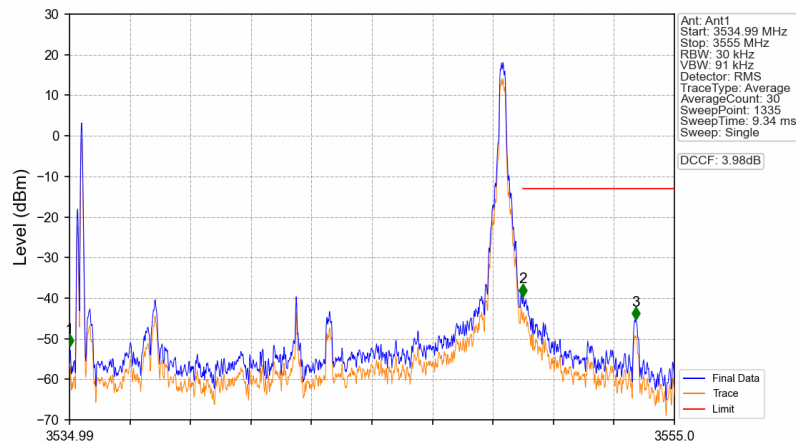
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n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_3542.49MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.99	3549.99	0.15	/	1	3534.990	-37.22	-13	Pass
3549.99	3549.99	0.15	/	/	/	/	/	/
3549.99	3550.99	0.15	/	2	3550.798	-41.71	-13	Pass
3550.99	3554.99	0.5	/	3	3551.038	-42.03	-13	Pass

n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_3542.49MHz_Inner_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.99	3549.99	0.03	/	1	3534.990	-52.00	-13	Pass
3549.99	3549.99	0.03	/	/	/	/	/	/
3549.99	3550.99	0.03	/	2	3549.990	-39.57	-13	Pass
3550.99	3554.99	0.5	/	3	3553.725	-45.27	-13	Pass



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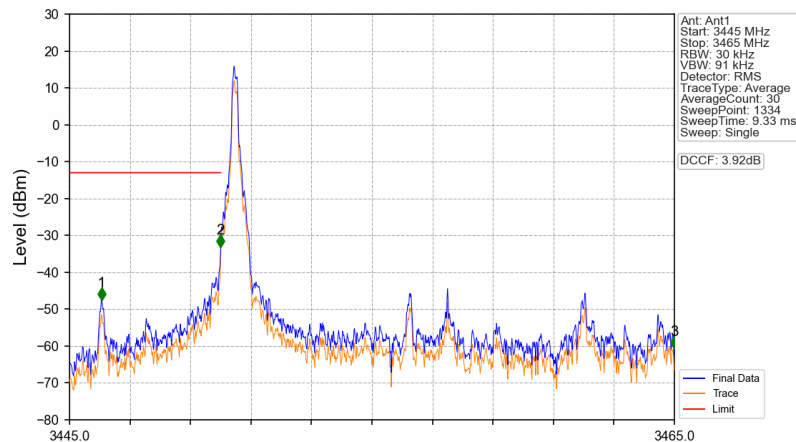
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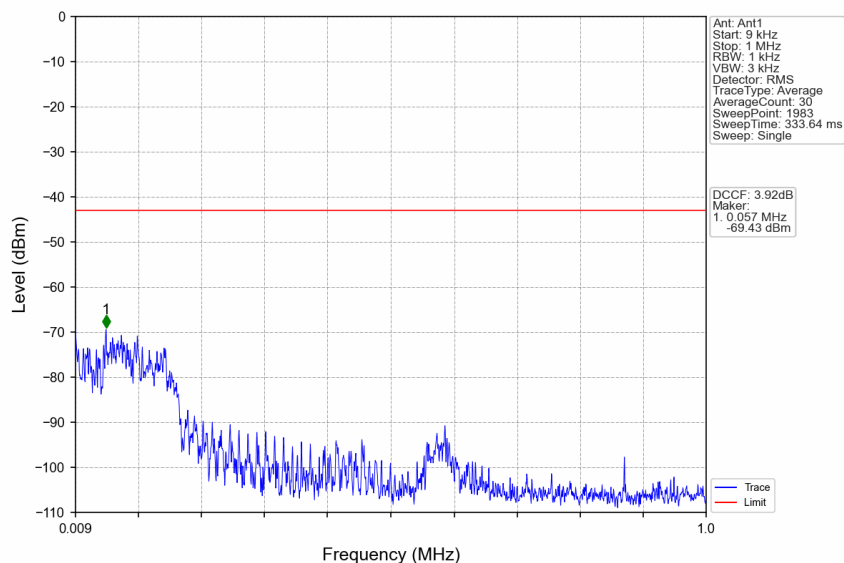
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n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_3457.5MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3449	0.5	/	1	3446.065	-47.61	-13	Pass
3449	3450	0.03	/	2	3449.996	-33.32	-13	Pass
3450	3465	0.03	/	3	3465.000	-60.82	-13	Pass

n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_3457.5MHz_Edge_1RB_Left



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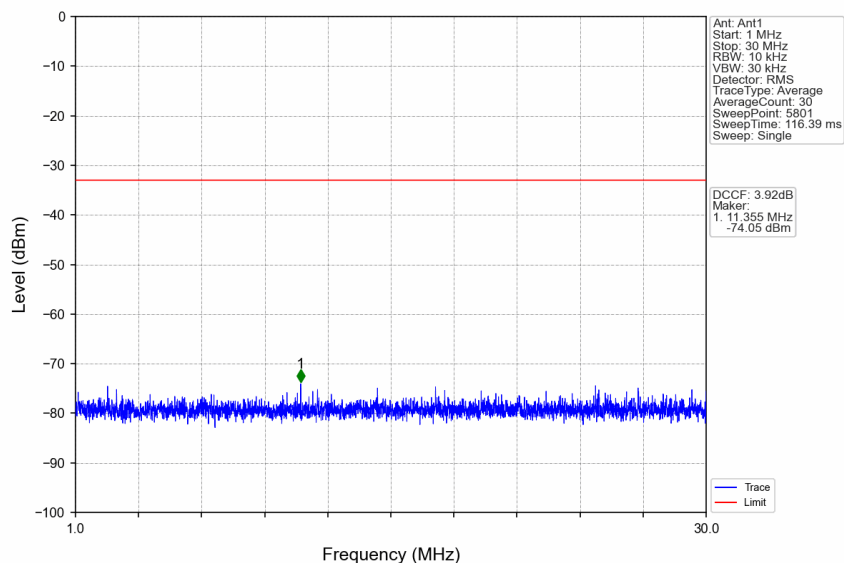
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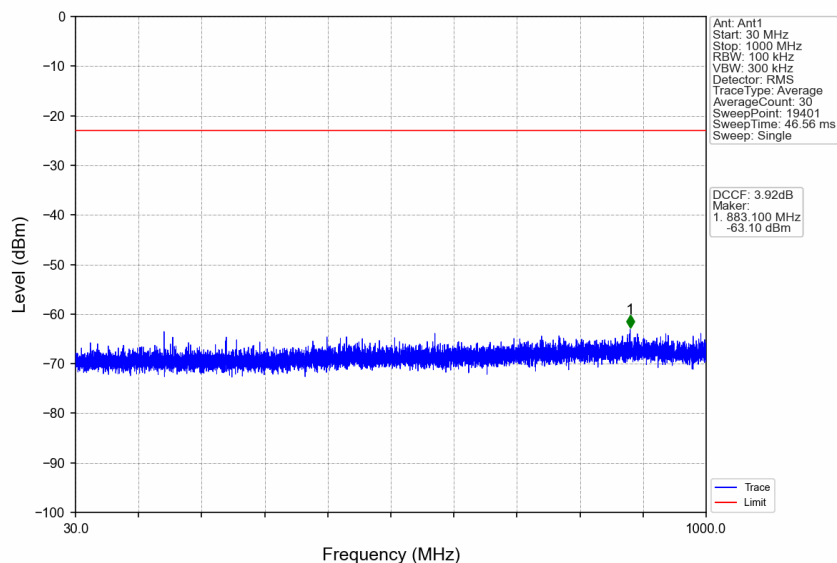
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n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_3457.5MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_3457.5MHz_Edge_1RB_Left



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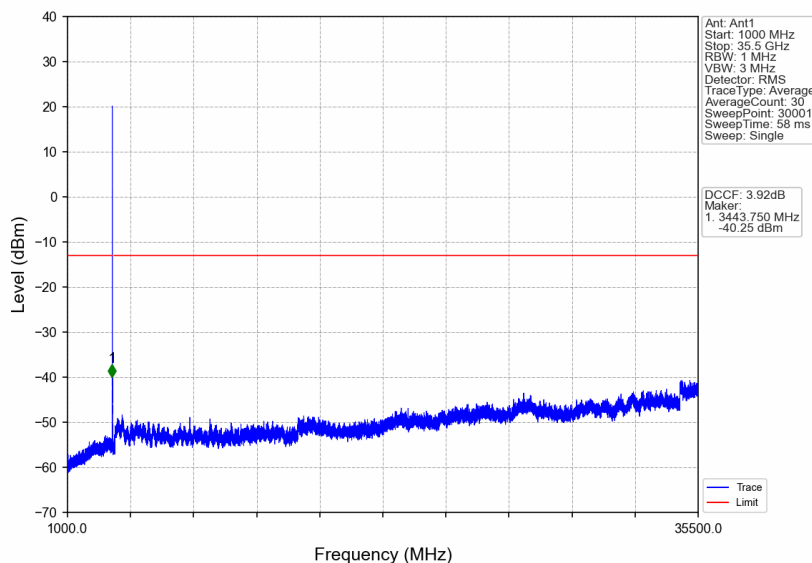
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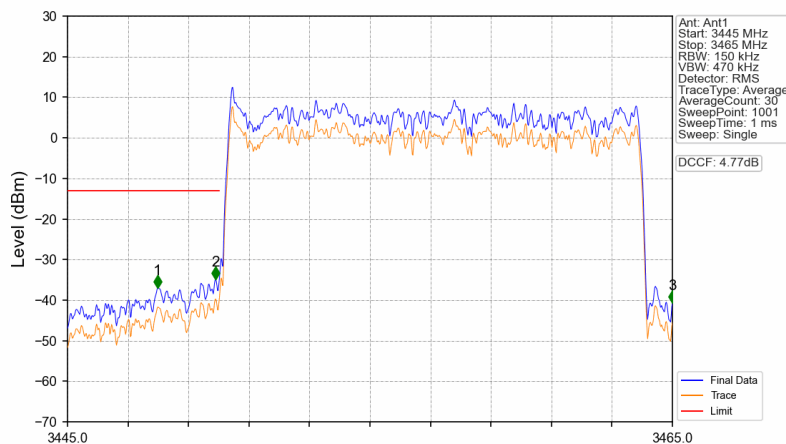
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n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_3457.5MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_3457.5MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3449	0.5	/	1	3447.980	-36.97	-13	Pass
3449	3450	0.15	/	2	3449.900	-34.96	-13	Pass
3450	3465	0.15	/	3	3465.000	-40.77	-13	Pass



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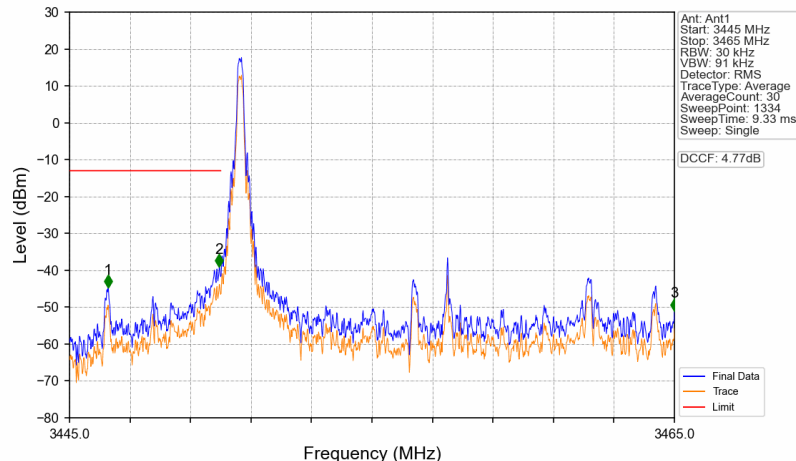
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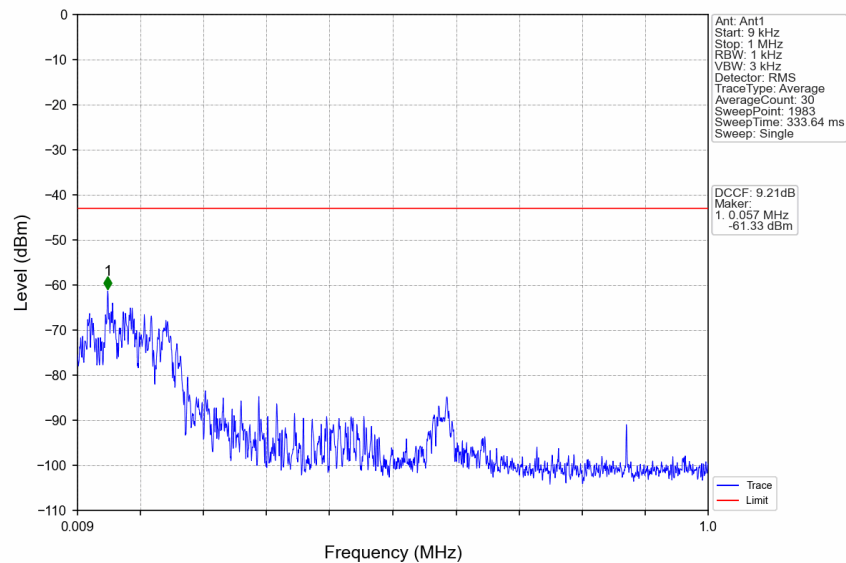
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n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_3457.5MHz_Inner_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3449	0.5	/	1	3446.275	-44.66	-13	Pass
3449	3450	0.03	/	2	3449.951	-39.04	-13	Pass
3450	3465	0.03	/	3	3465.000	-51.00	-13	Pass

n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_3499.995MHz_Edge_1RB_Left



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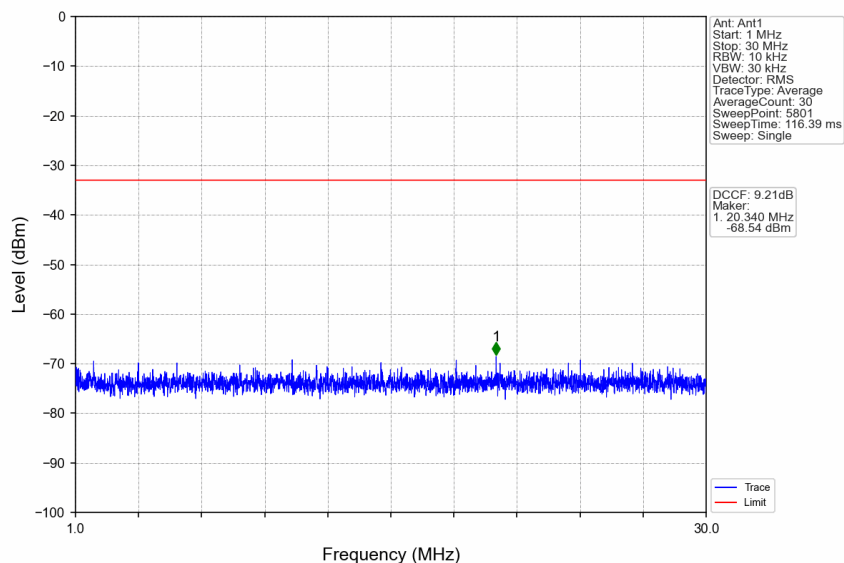


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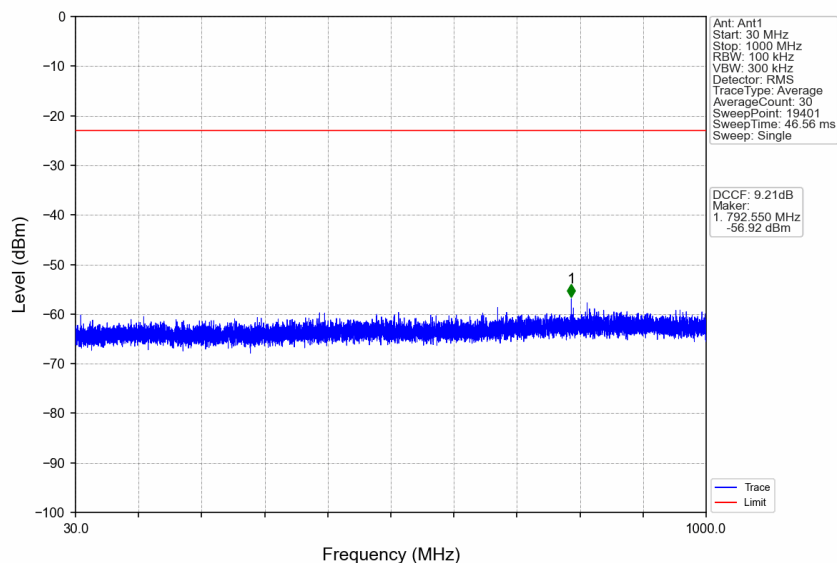
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n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_3499.995MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_3499.995MHz_Edge_1RB_Left



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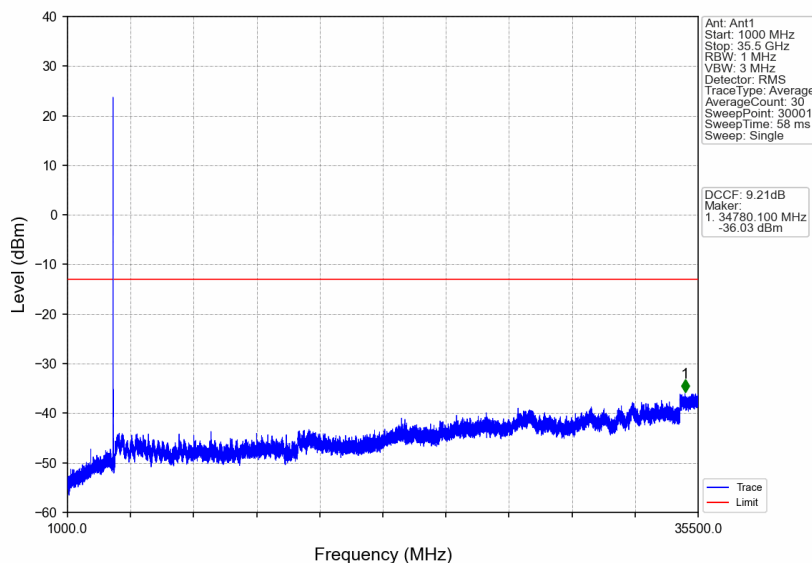


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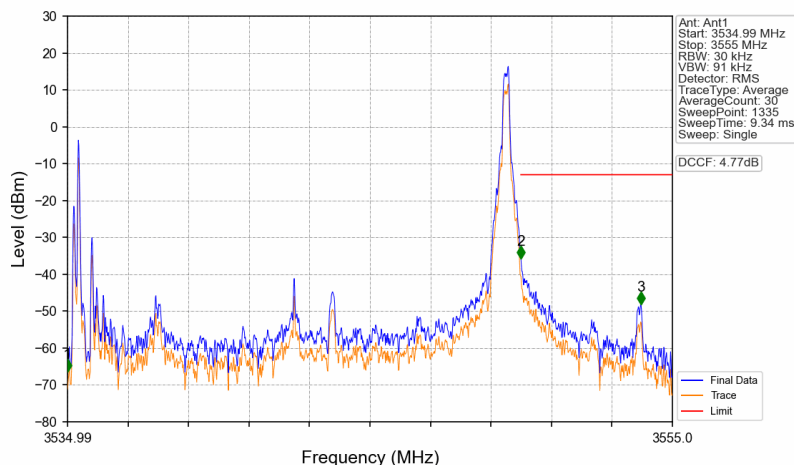
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n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK 3499.995MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK 3542.49MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.99	3549.99	0.03	/	1	3534.990	-66.44	-13	Pass
3549.99	3549.99	0.03	/	1	/	/	/	/
3549.99	3550.99	0.03	/	2	3549.990	-35.76	-13	Pass
3550.99	3554.99	0.5	/	3	3553.950	-48.15	-13	Pass



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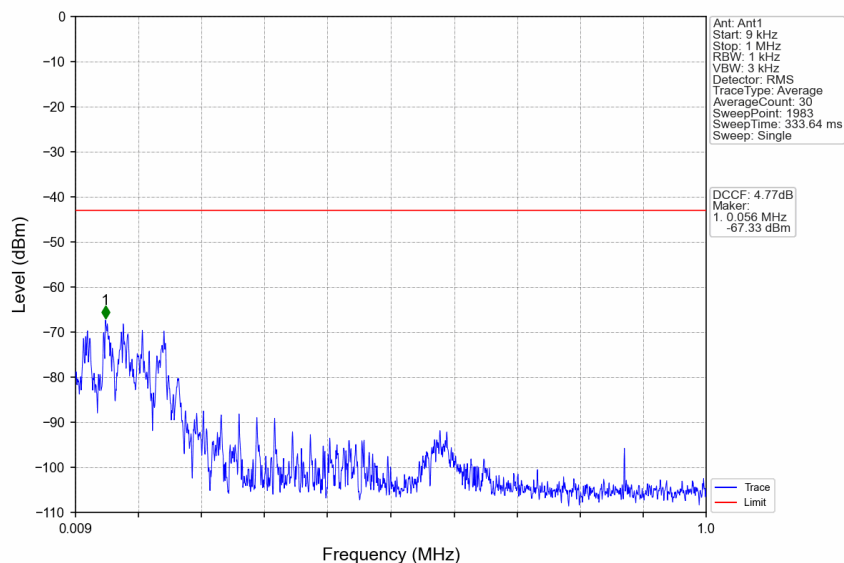
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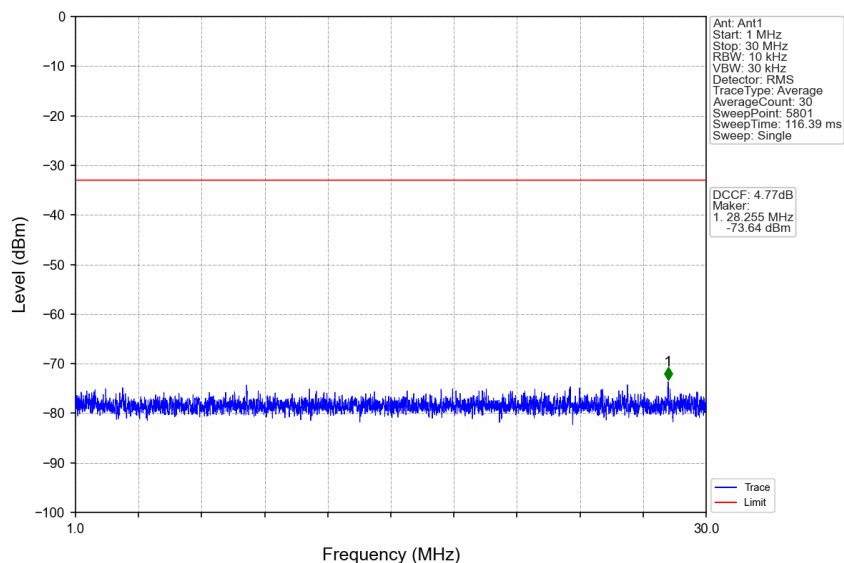
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n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_3542.49MHz_Edge_1RB_Right



n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_3542.49MHz_Edge_1RB_Right



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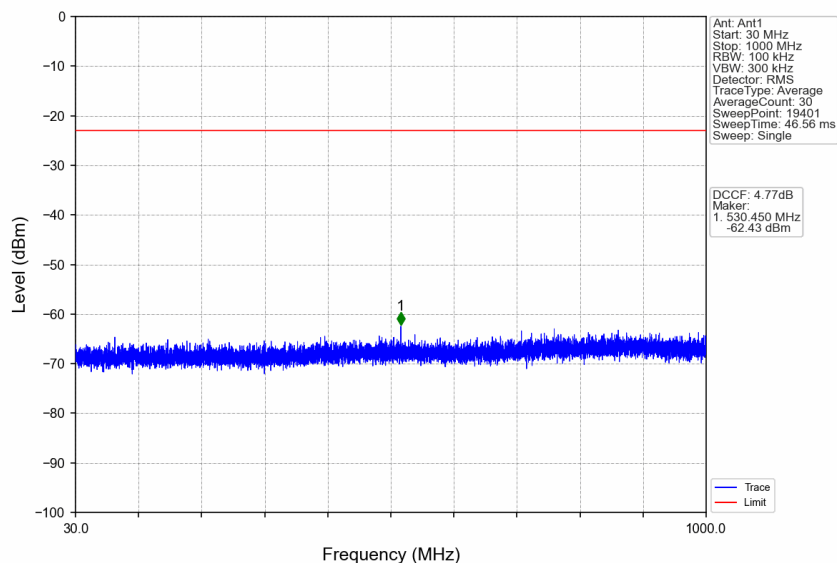
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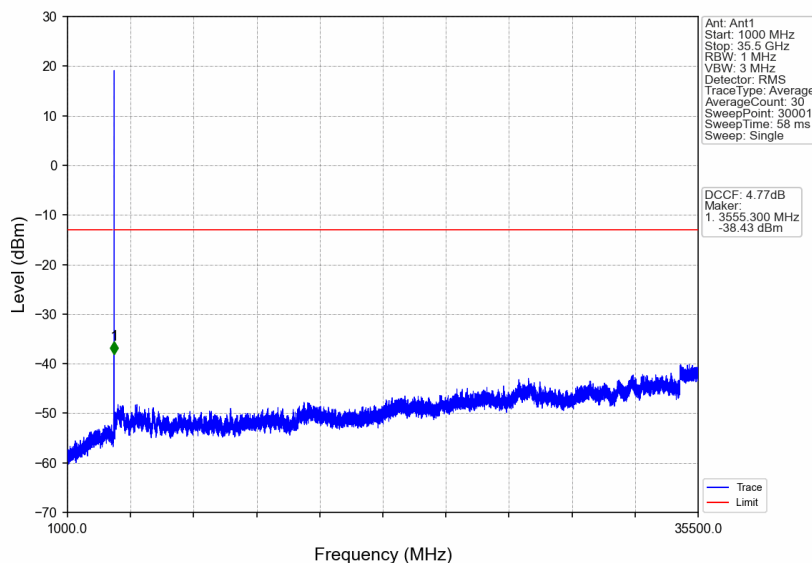
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n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_3542.49MHz_Edge_1RB_Right



n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_3542.49MHz_Edge_1RB_Right



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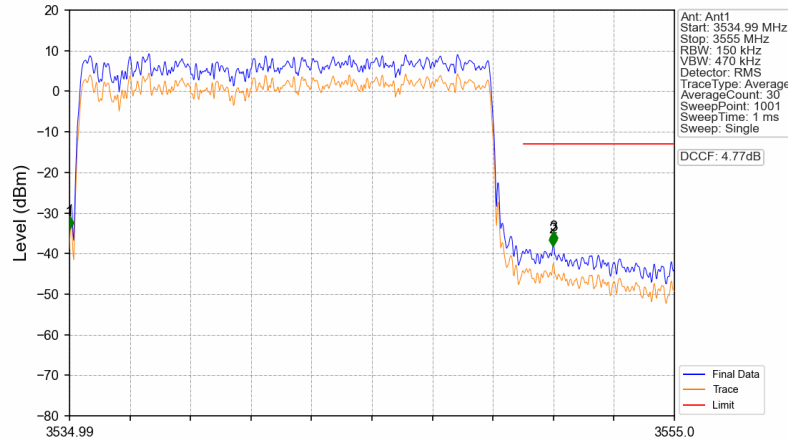


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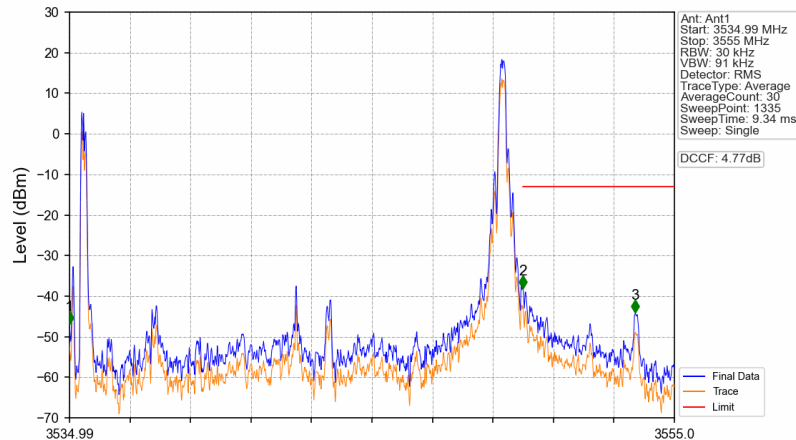
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n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_3542.49MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.99	3549.99	0.15	/	1	3534.990	-34.02	-13	Pass
3549.99	3549.99	0.15	/	/	/	/	/	/
3549.99	3550.99	0.15	/	2	3550.978	-38.15	-13	Pass
3550.99	3554.99	0.5	/	3	3550.998	-37.71	-13	Pass

n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_3542.49MHz_Inner_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3534.99	3549.99	0.03	/	1	3534.990	-46.90	-13	Pass
3549.99	3549.99	0.03	/	/	/	/	/	/
3549.99	3550.99	0.03	/	2	3549.990	-38.13	-13	Pass
3550.99	3554.99	0.5	/	3	3553.710	-44.08	-13	Pass



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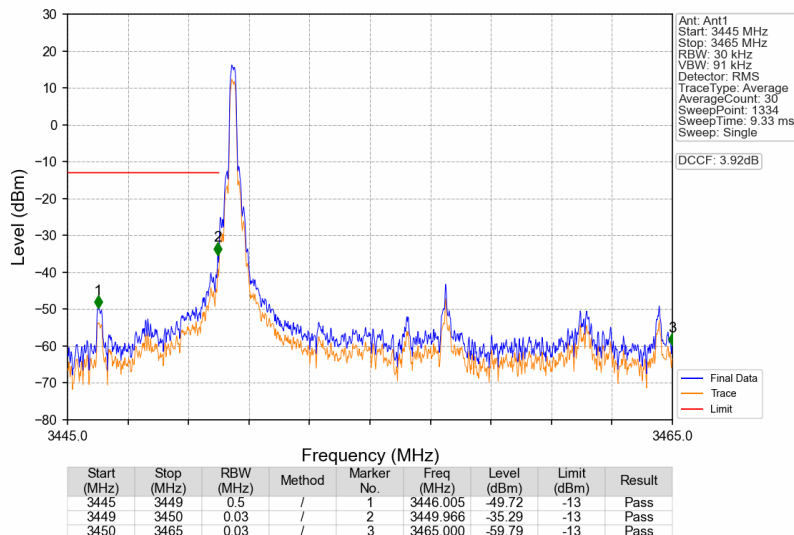
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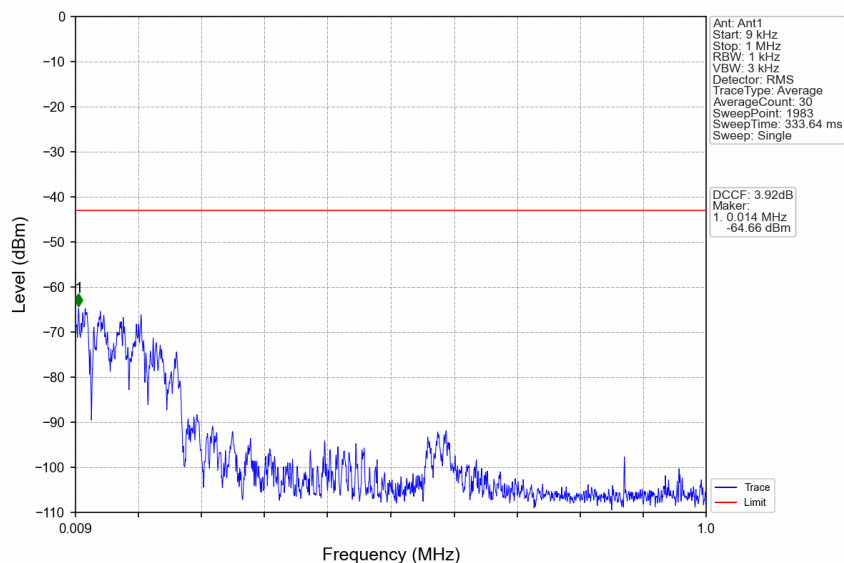
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n77d_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_3457.5MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_3457.5MHz_Edge_1RB_Left



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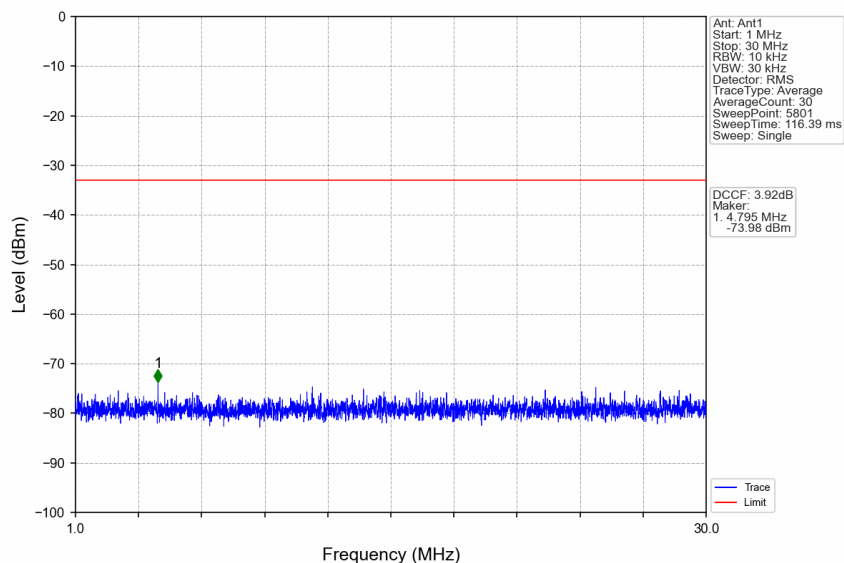
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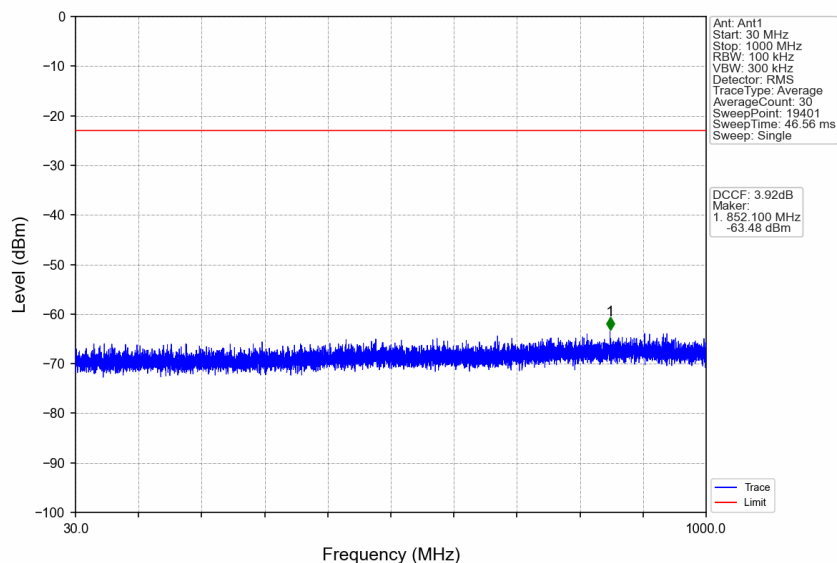
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n77d_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_3457.5MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_3457.5MHz_Edge_1RB_Left



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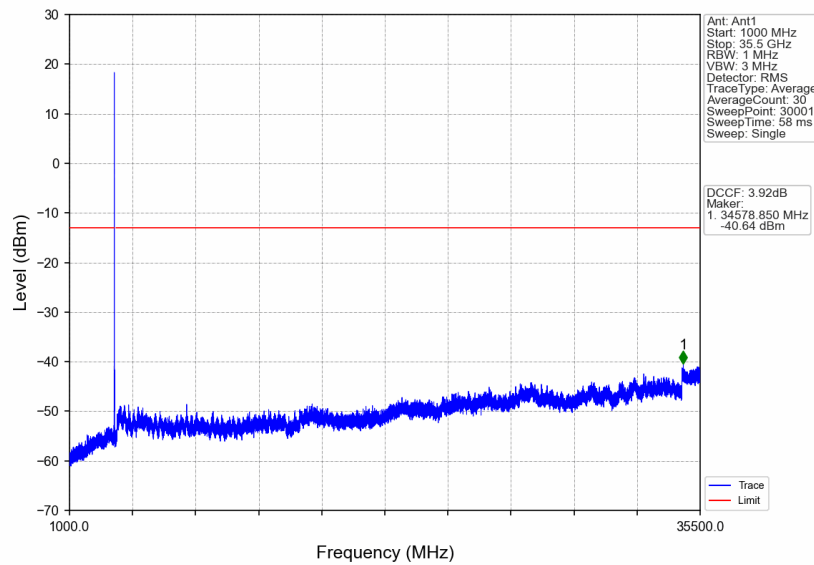
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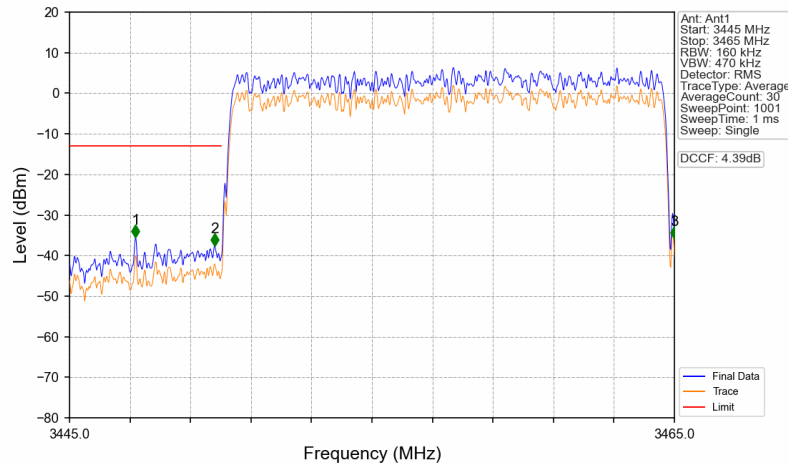
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n77d_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_3457.5MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_3457.5MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3449	0.5	/	1	3447.180	-35.60	-13	Pass
3449	3450	0.16	/	2	3449.800	-37.66	-13	Pass
3450	3465	0.16	/	3	3465.000	-35.92	-13	Pass



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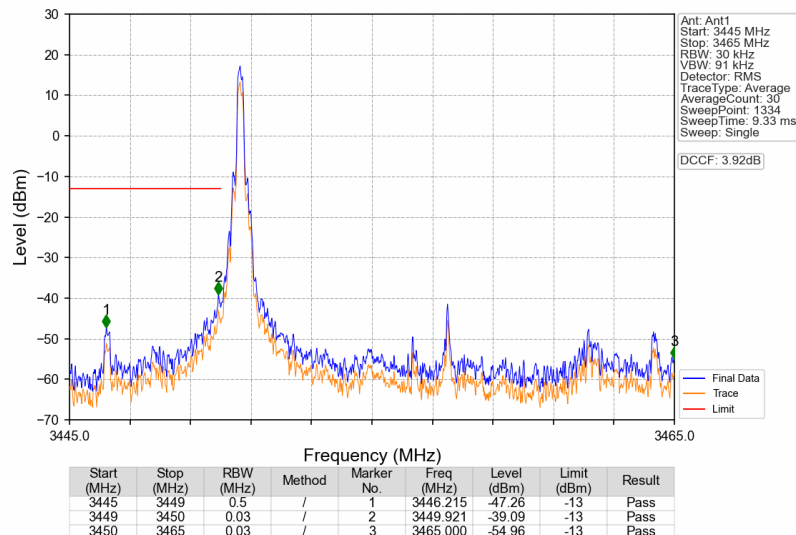
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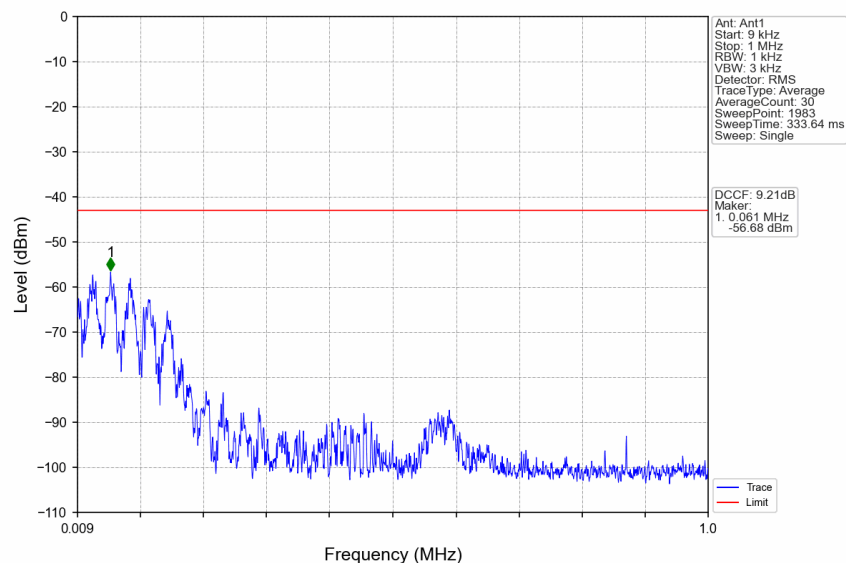
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n77d_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_3457.5MHz_Inner_1RB_Left



n77d_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_3499.995MHz_Edge_1RB_Left



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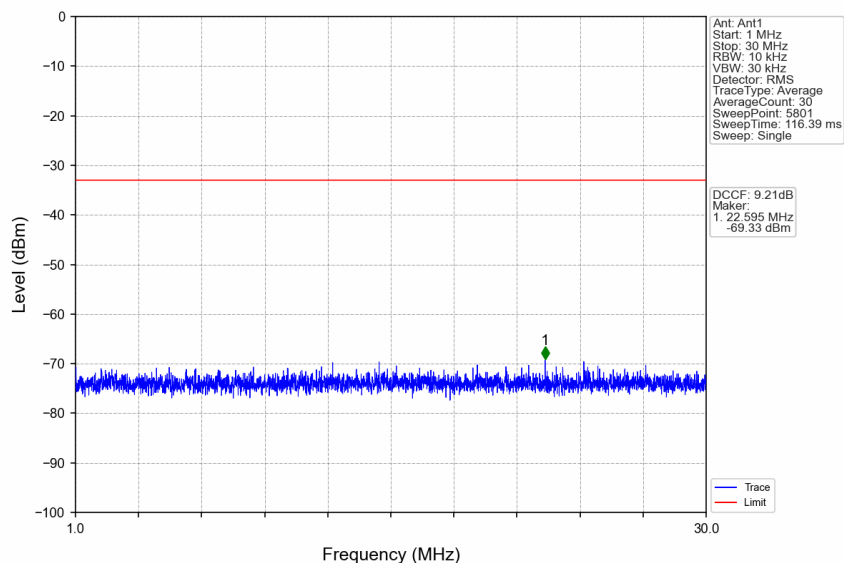


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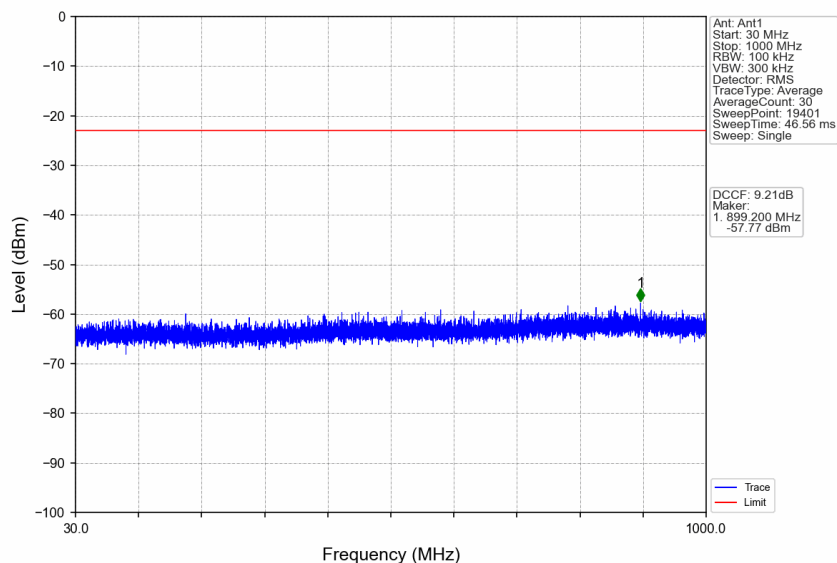
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n77d_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK 3499.995MHz_Edge_1RB_Left



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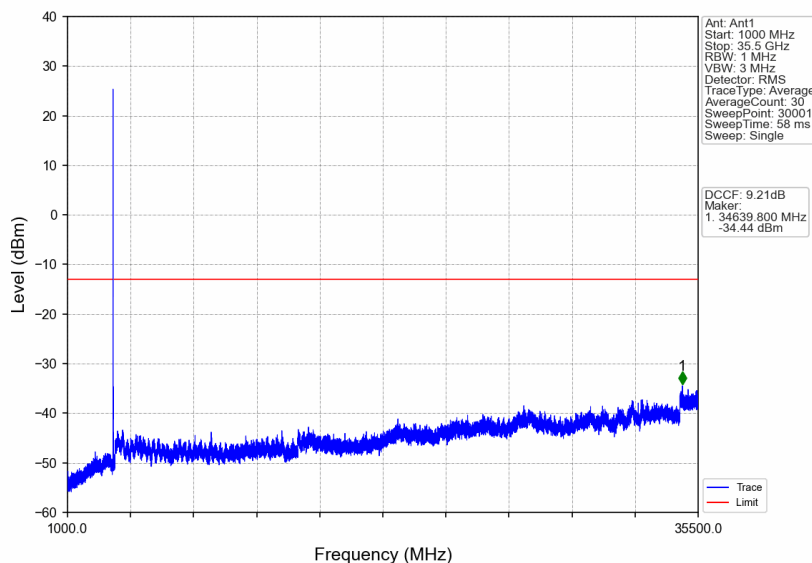
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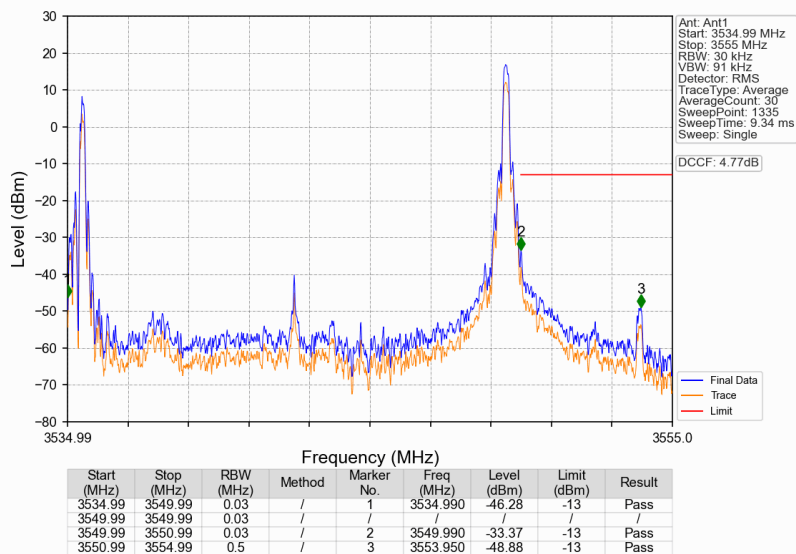
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n77d_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK 3542.49MHz_Edge_1RB_Right



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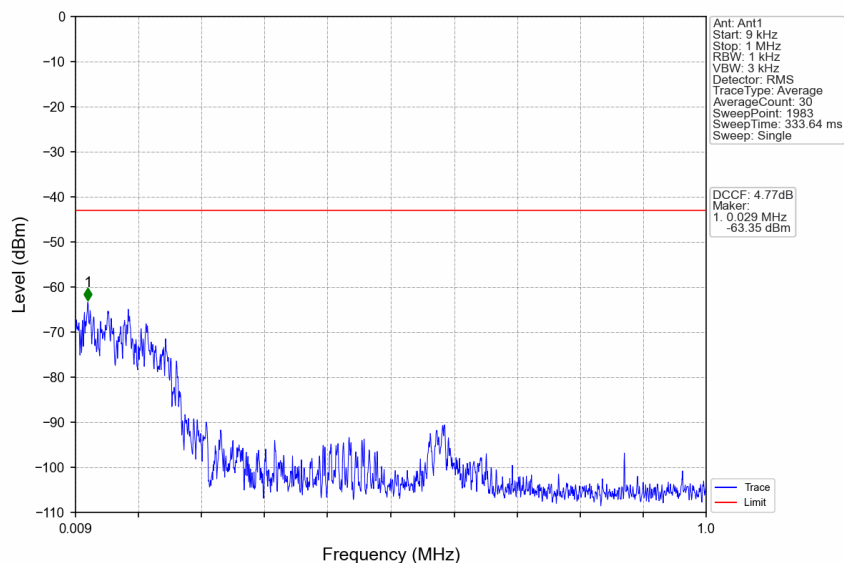
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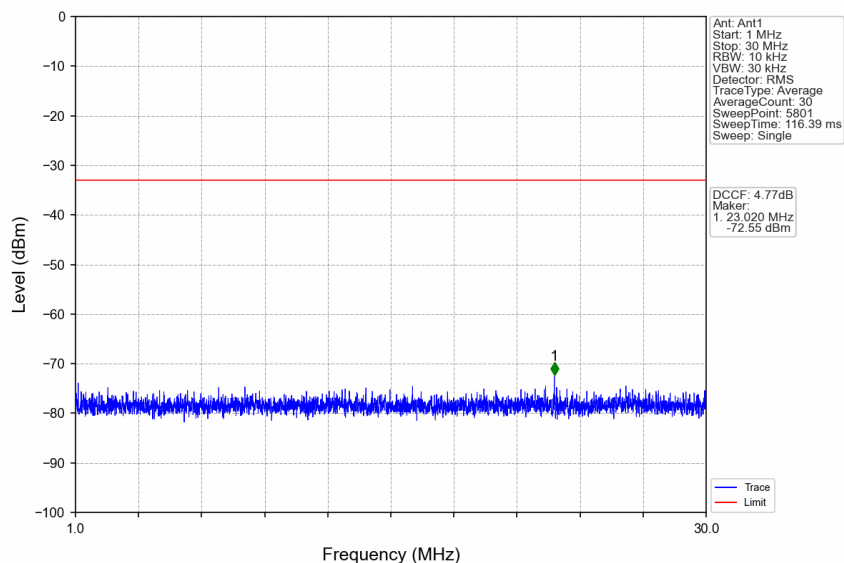
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n77d_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_3542.49MHz_Edge_1RB_Right



n77d_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_3542.49MHz_Edge_1RB_Right



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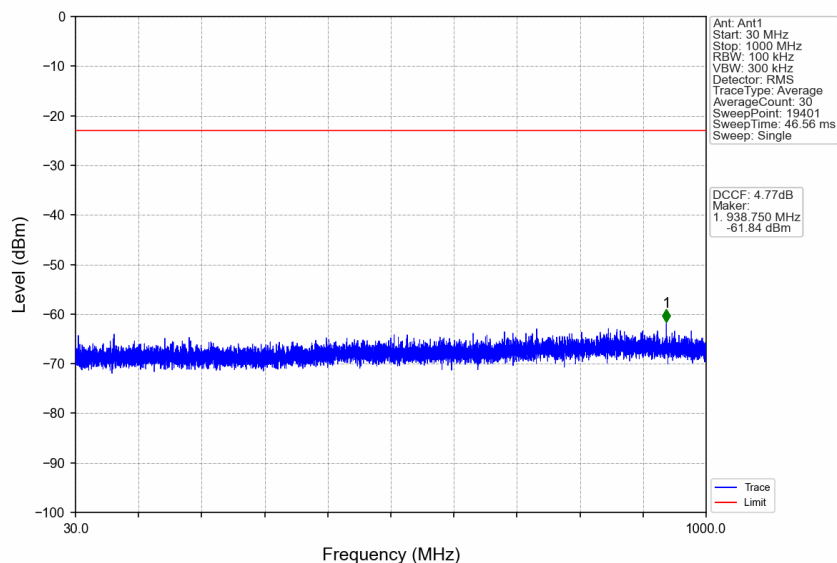
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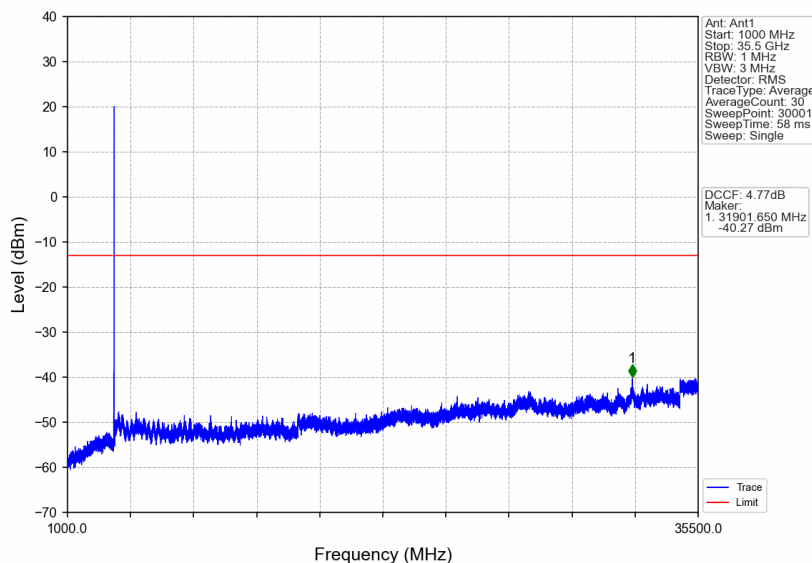
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n77d_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_3542.49MHz_Edge_1RB_Right



n77d_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_3542.49MHz_Edge_1RB_Right



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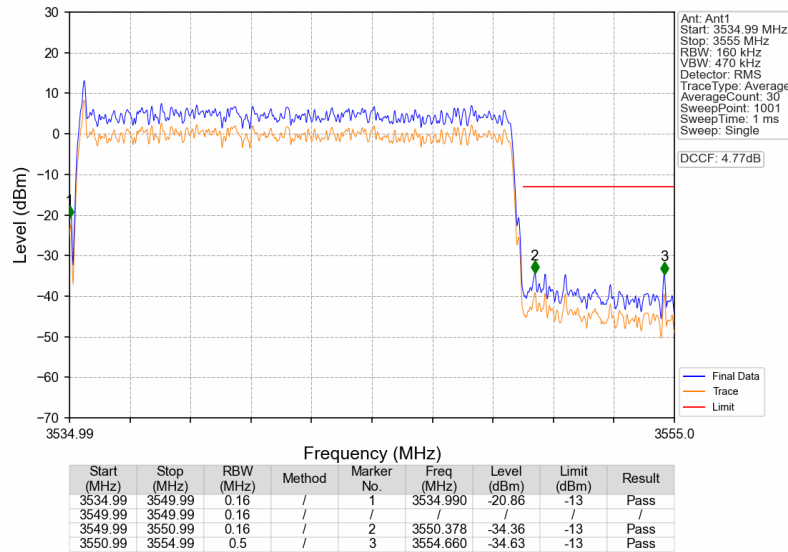
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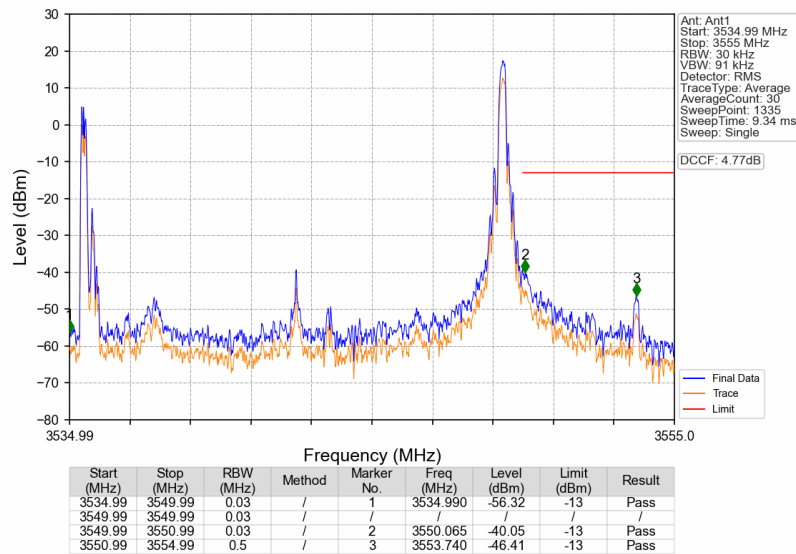
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n77d_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_3542.49MHz_Outer_Full



n77d_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_3542.49MHz_Inner_1RB_Right



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6.3 15k_SISO_20MHz_NTNV

6.3.1 Test Result

5G NR n77d SCS=15kHz SISO 20MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant5	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	3460.005	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	3499.995	Edge_1RB_Left	Refer To Test Graph				Pass	
		3540	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
	Inner_1RB_Right		Refer To Test Graph				Pass	
	DFT-s-OFDM QPSK	3460.005	Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
Inner_1RB_Left			Refer To Test Graph				Pass	
3499.995		Edge_1RB_Left	Refer To Test Graph				Pass	
		3540	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
			Inner_1RB_Right	Refer To Test Graph				Pass
CP-OFDM QPSK	3460.005	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	3499.995	Edge_1RB_Left	Refer To Test Graph				Pass	
		3540	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
			Inner_1RB_Right	Refer To Test Graph				Pass



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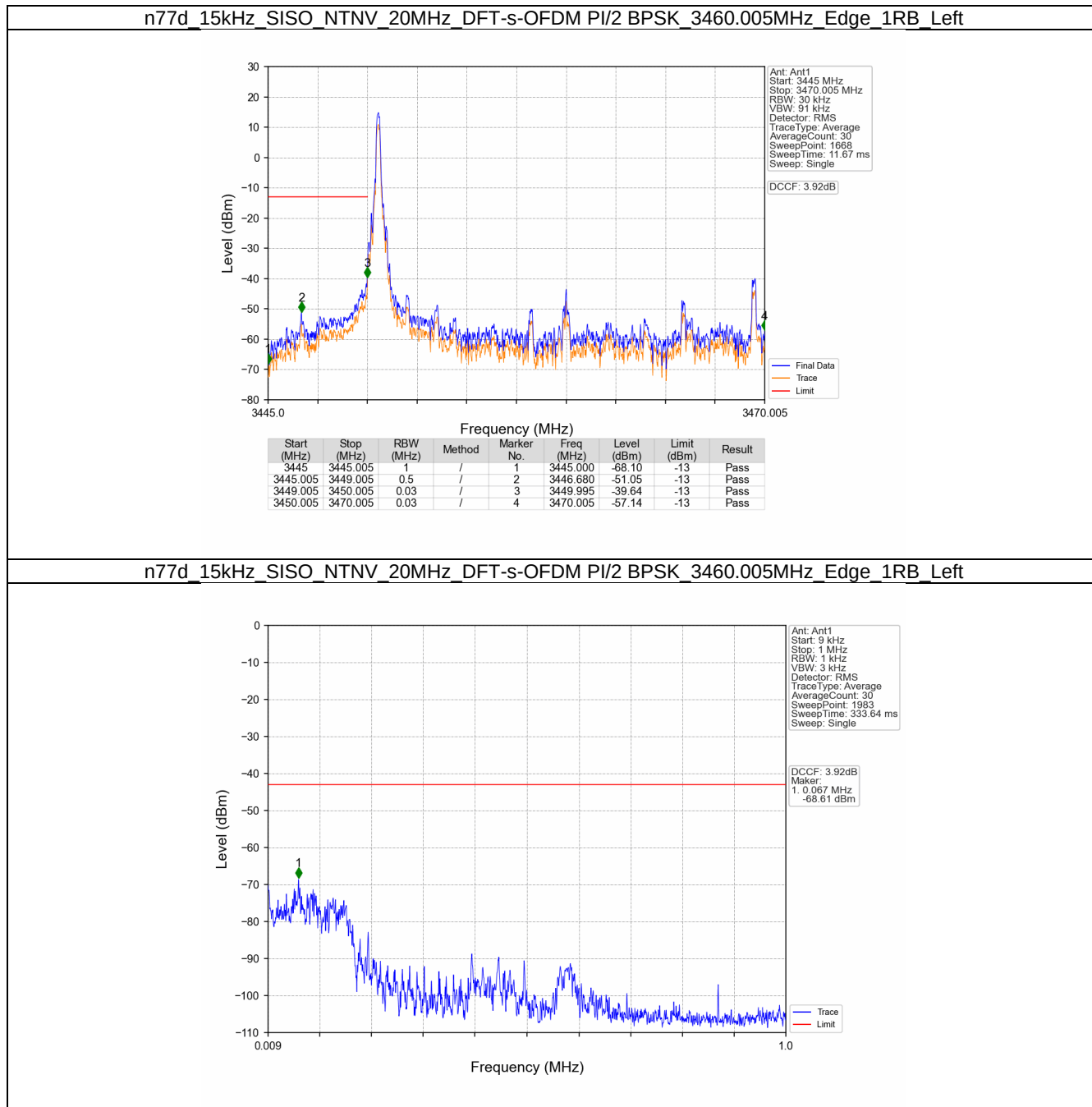
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6.3.2 Test Graph



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