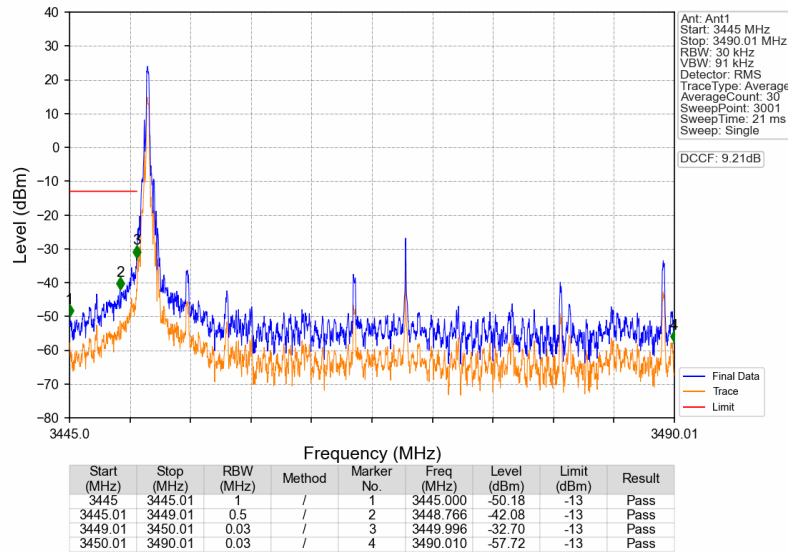


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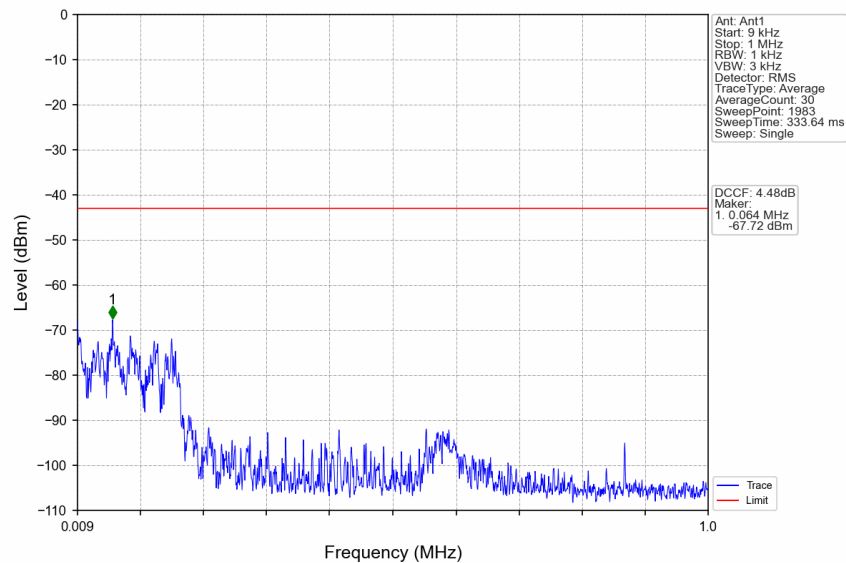
Rev.: 01

Page: 850 of 1237

n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3470.01MHz_Inner_1RB_Left



n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3499.995MHz_Edge_1RB_Left



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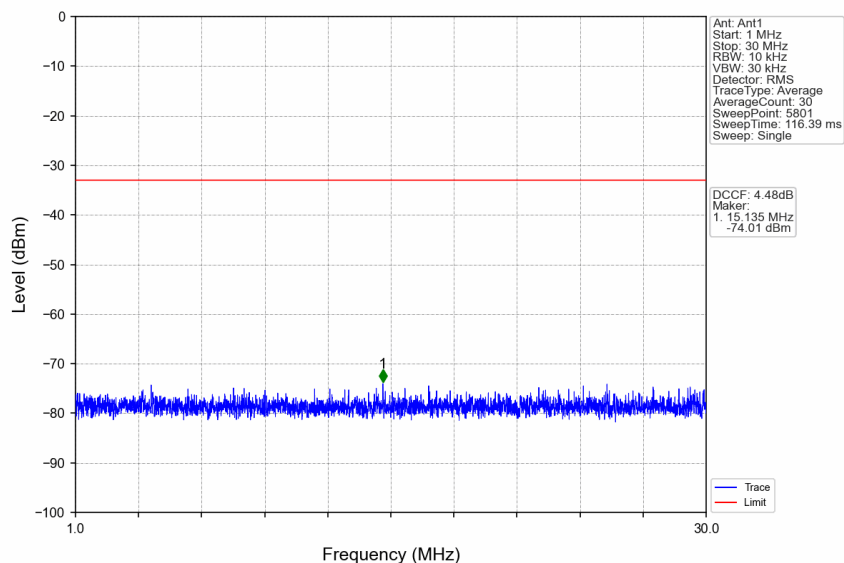
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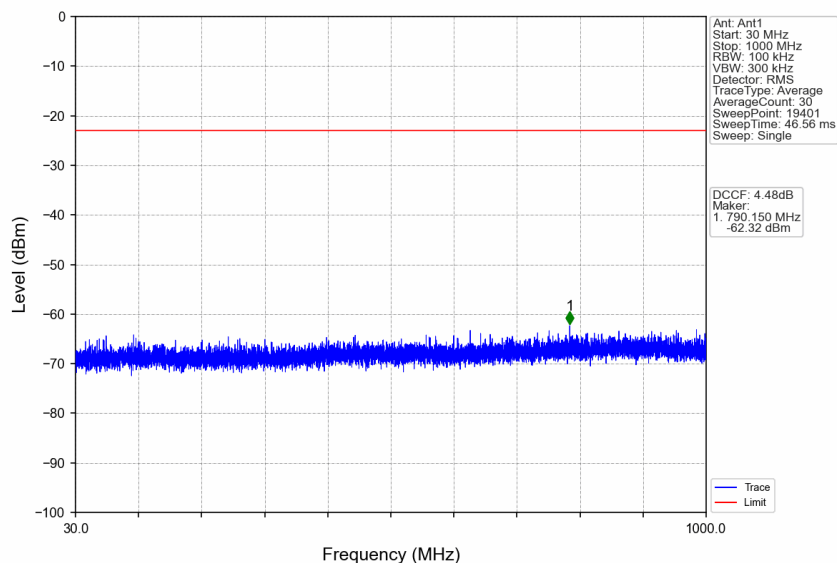
Rev.: 01

Page: 851 of 1237

n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3499.995MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3499.995MHz_Edge_1RB_Left



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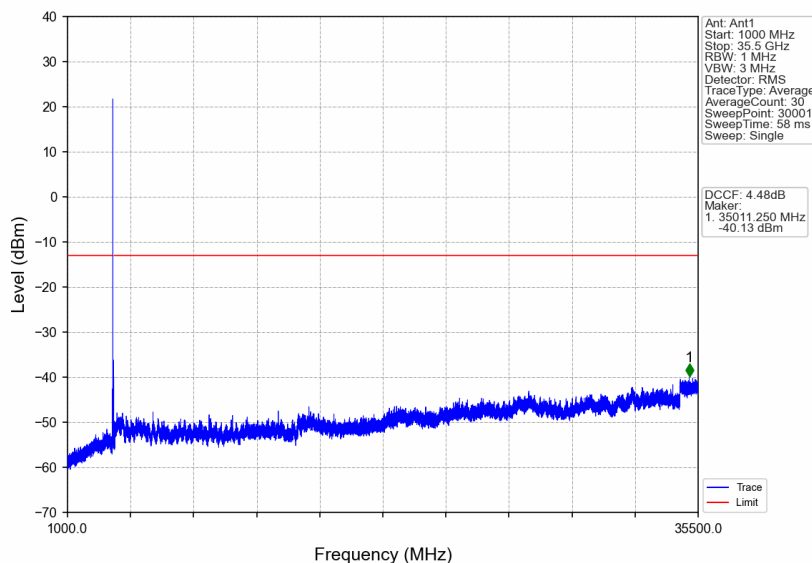


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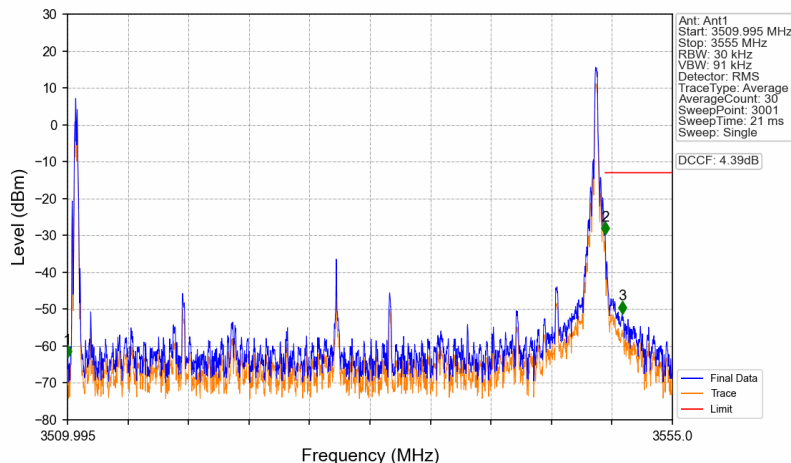
Rev.: 01

Page: 852 of 1237

n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3499.995MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_3529.995MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3509.995	3549.995	0.03	/	1	3509.995	-63.18	-13	Pass
3549.995	3549.995	0.03	/	/	/	/	/	/
3549.995	3550.995	0.03	/	2	3550.004	-29.81	-13	Pass
3550.995	3554.995	0.5	/	3	3551.265	-51.20	-13	Pass



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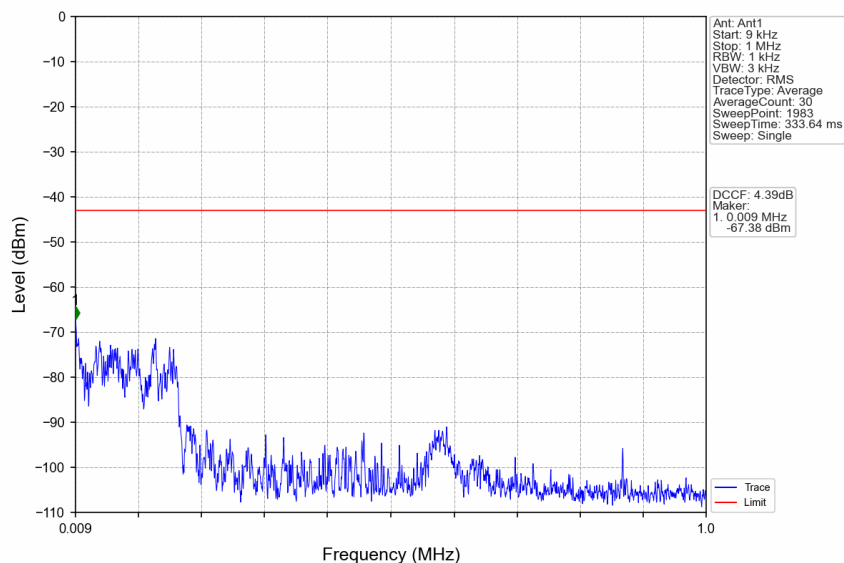


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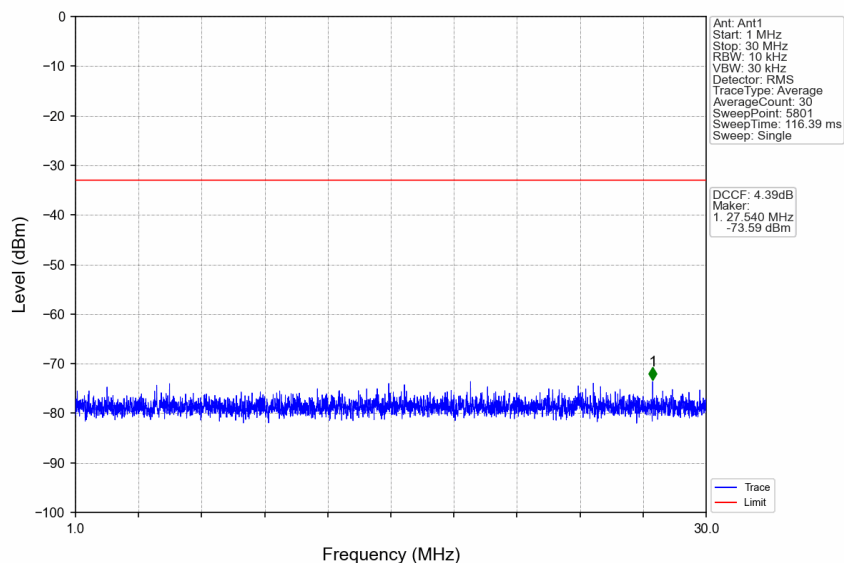
Rev.: 01

Page: 853 of 1237

n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK 3529.995MHz_Edge_1RB_Right



n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK 3529.995MHz_Edge_1RB_Right



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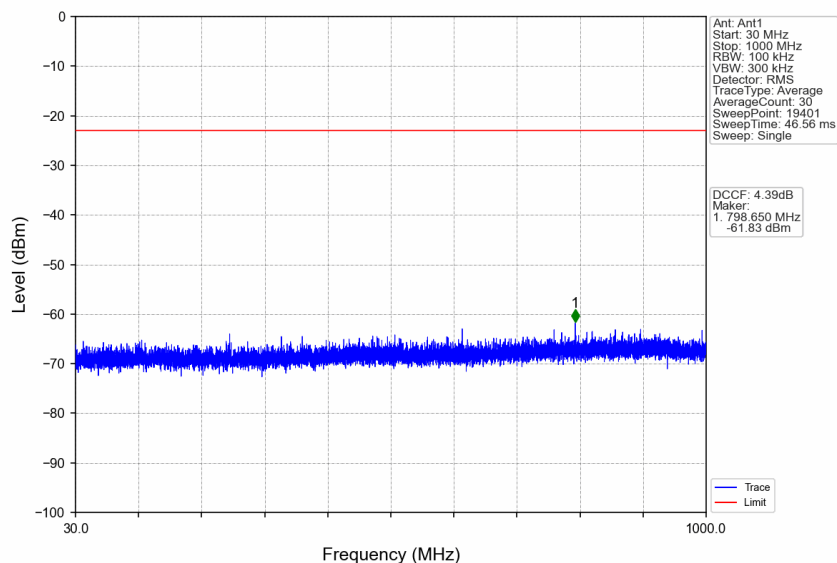


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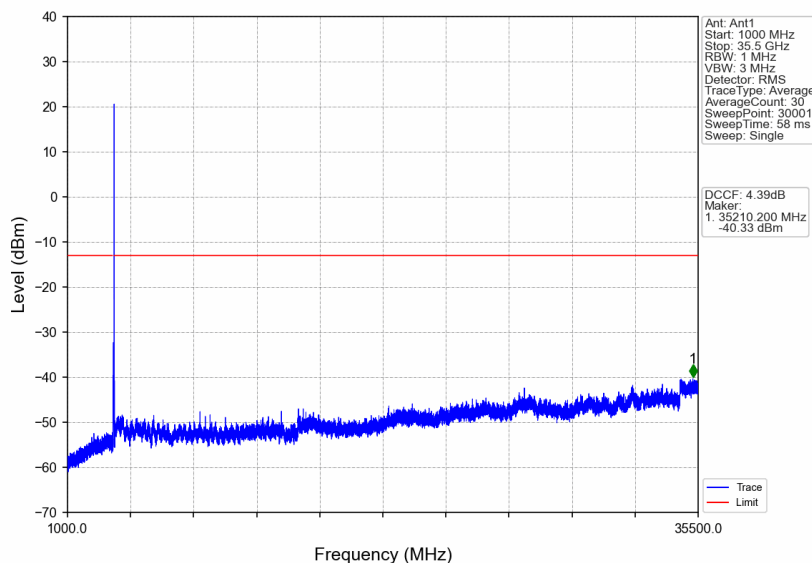
Rev.: 01

Page: 854 of 1237

n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK 3529.995MHz_Edge_1RB_Right



n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK 3529.995MHz_Edge_1RB_Right



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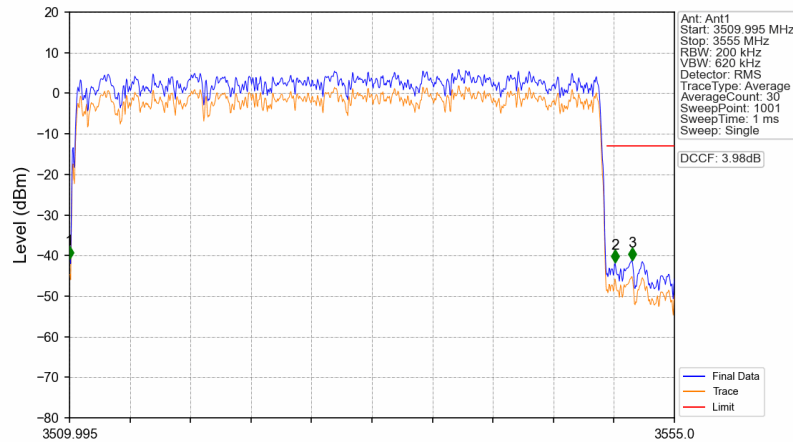
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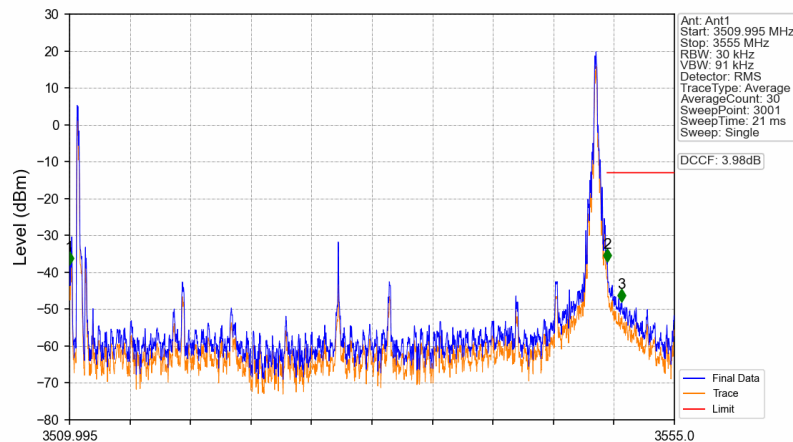
Page: 855 of 1237

n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_3529.995MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3509.995	3549.995	0.2	/	1	3509.995	-40.75	-13	Pass
3549.995	3549.995	0.2	/	/	/	/	/	/
3549.995	3550.995	0.2	/	2	3550.590	-41.81	-13	Pass
3550.995	3554.995	0.5	/	3	3551.850	-41.20	-13	Pass

n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_PI/2_BPSK_3529.995MHz_Inner_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3509.995	3549.995	0.03	/	1	3509.995	-37.95	-13	Pass
3549.995	3549.995	0.03	/	/	/	/	/	/
3549.995	3550.995	0.03	/	2	3550.004	-37.21	-13	Pass
3550.995	3554.995	0.5	/	3	3551.085	-48.04	-13	Pass



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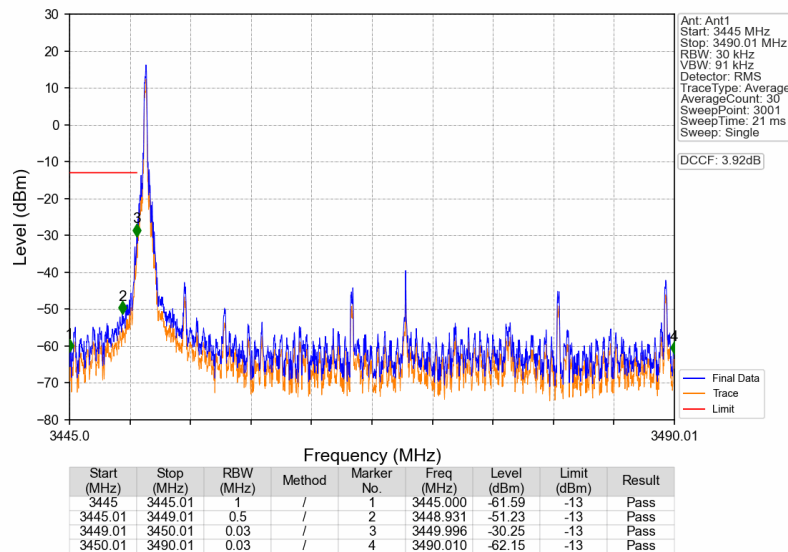
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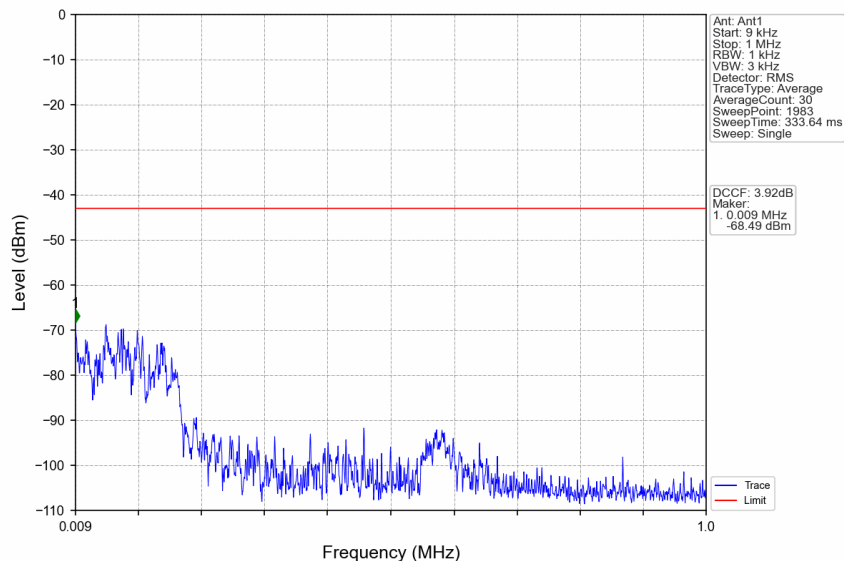
Rev.: 01

Page: 856 of 1237

n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3470.01MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3470.01MHz_Edge_1RB_Left



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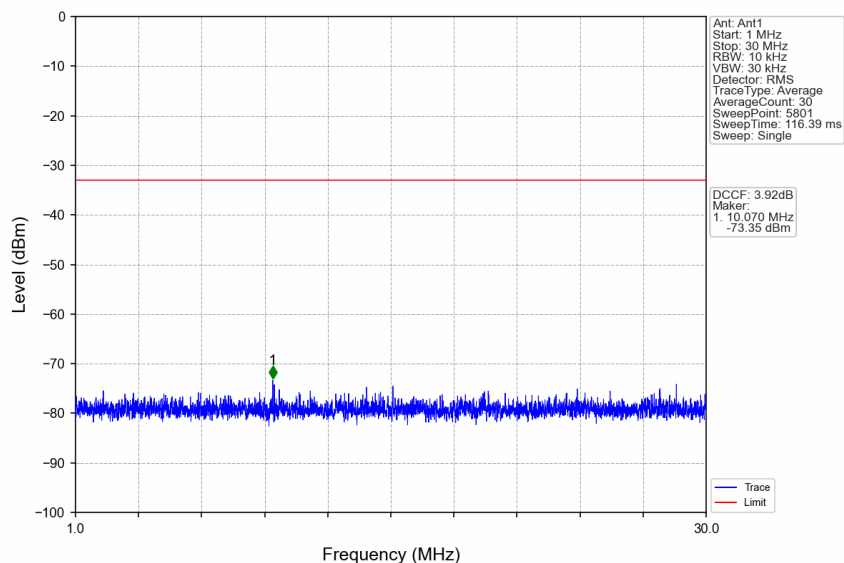
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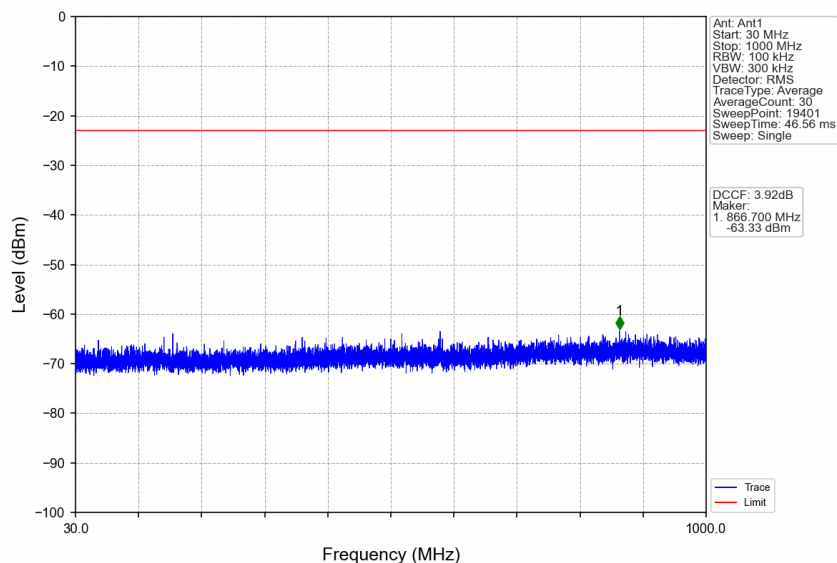
Rev.: 01

Page: 857 of 1237

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n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3470.01MHz_Edge_1RB_Left



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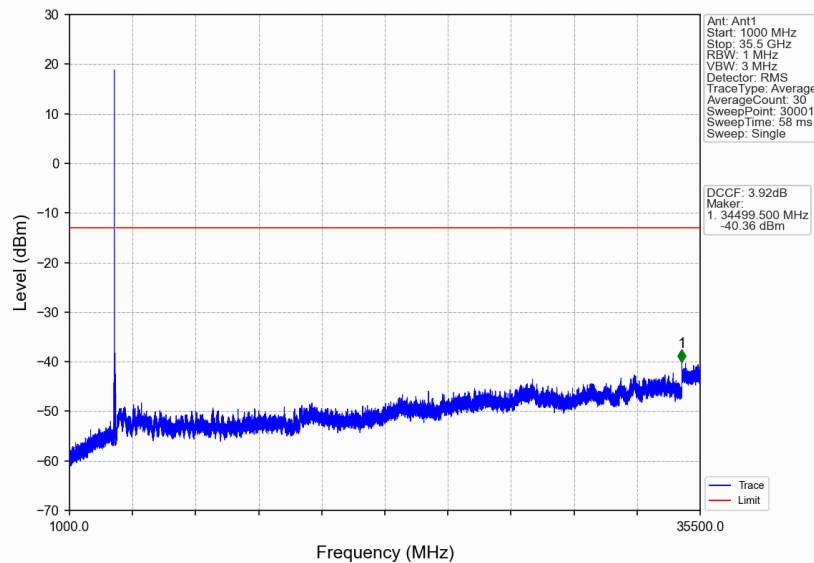
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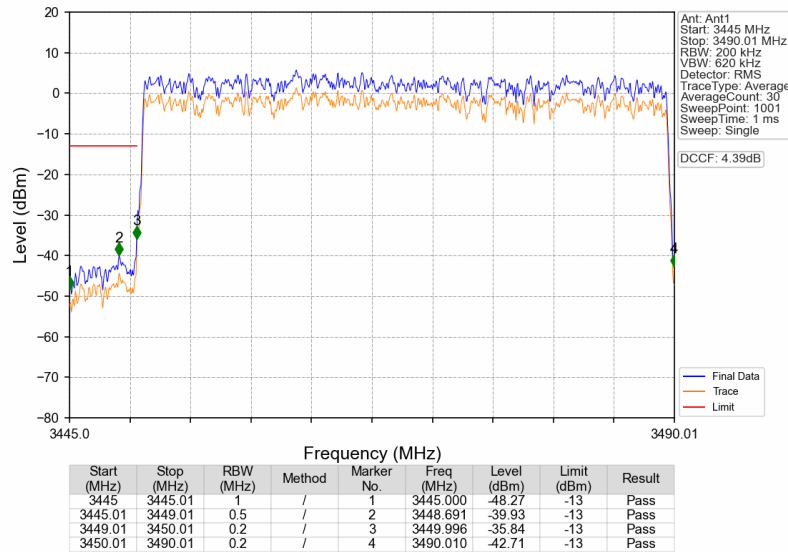
Rev.: 01

Page: 858 of 1237

n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3470.01MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3470.01MHz_Outer_Full



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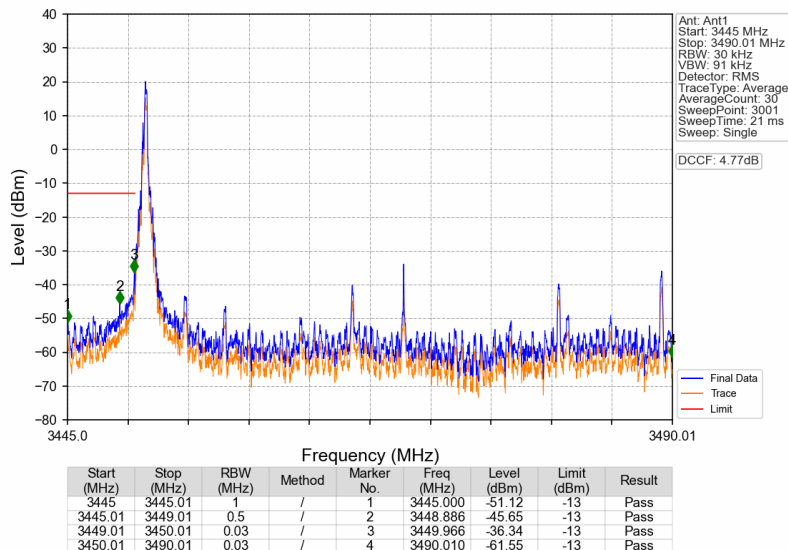
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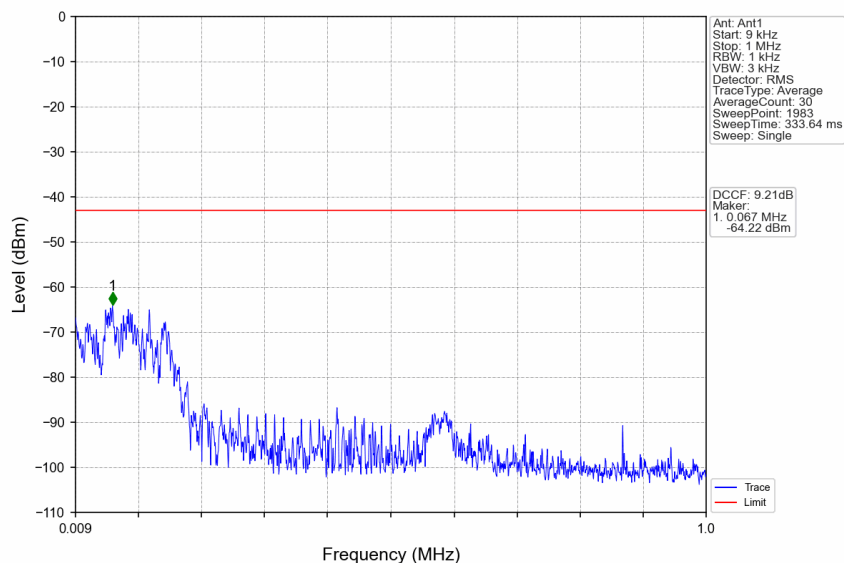
Rev.: 01

Page: 859 of 1237

n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3470.01MHz_Inner_1RB_Left



n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3499.995MHz_Edge_1RB_Left



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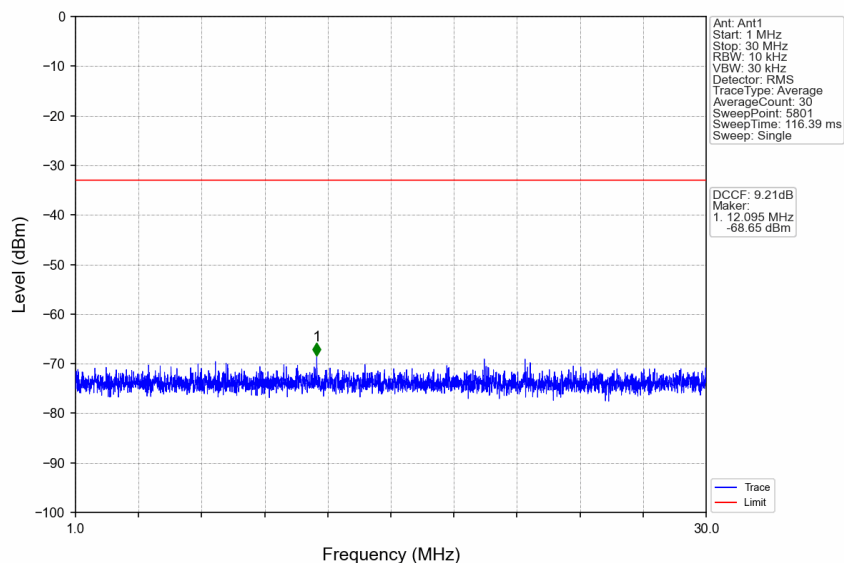


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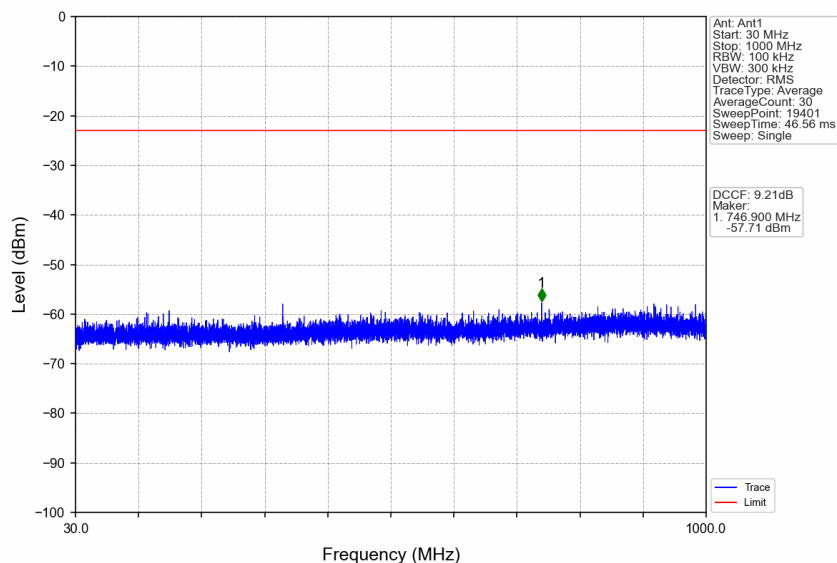
Rev.: 01

Page: 860 of 1237

n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3499.995MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3499.995MHz_Edge_1RB_Left



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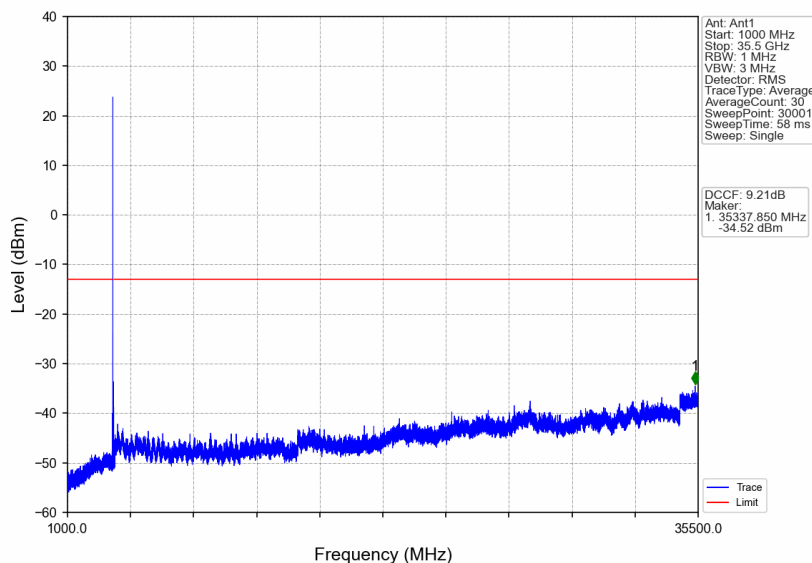
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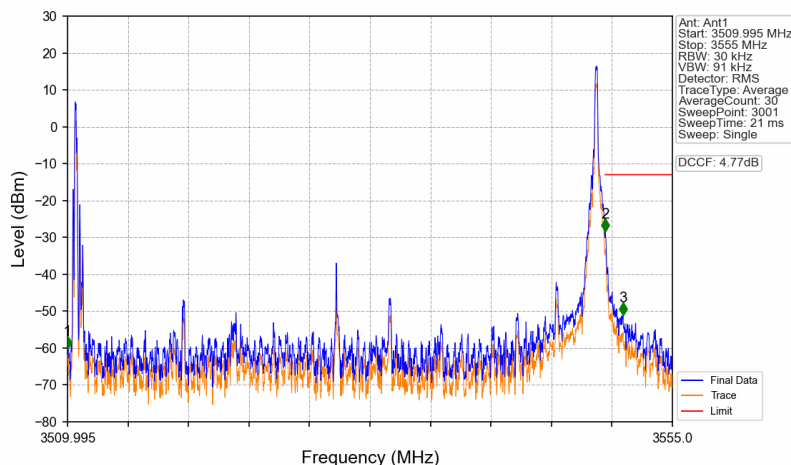
Rev.: 01

Page: 861 of 1237

n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK 3499.995MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK 3529.995MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3509.995	3549.995	0.03	/	1	3509.995	-60.22	-13	Pass
3549.995	3549.995	0.03	/	/	/	/	/	/
3549.995	3550.995	0.03	/	2	3550.004	-28.41	-13	Pass
3550.995	3554.995	0.5	/	3	3551.325	-51.04	-13	Pass



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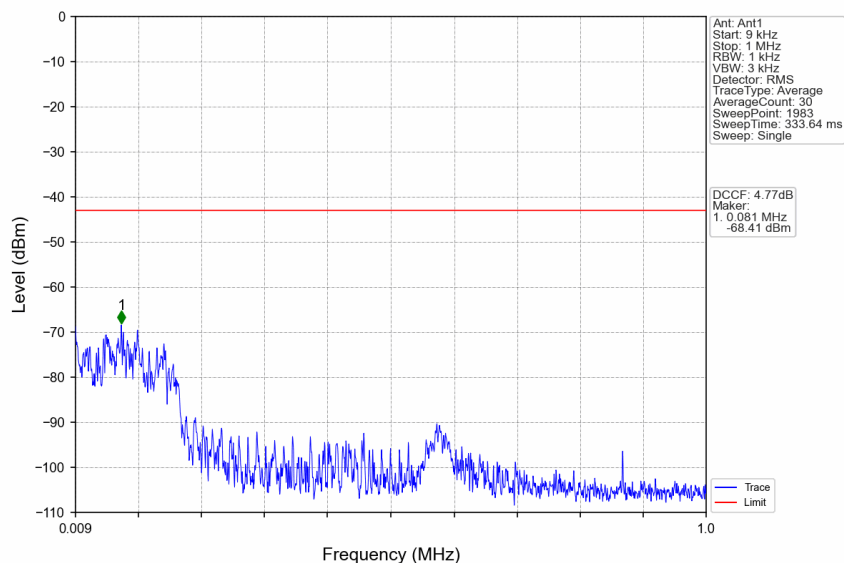


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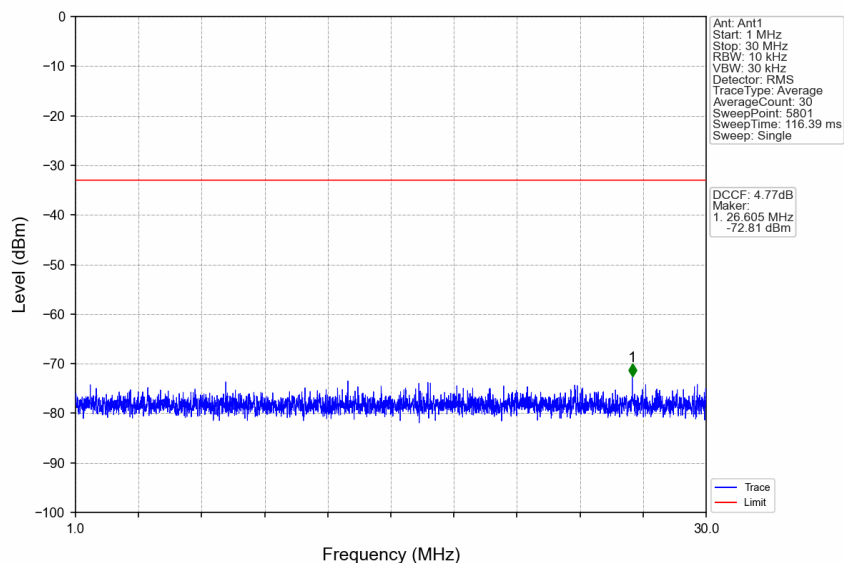
Rev.: 01

Page: 862 of 1237

n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3529.995MHz_Edge_1RB_Right



n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3529.995MHz_Edge_1RB_Right



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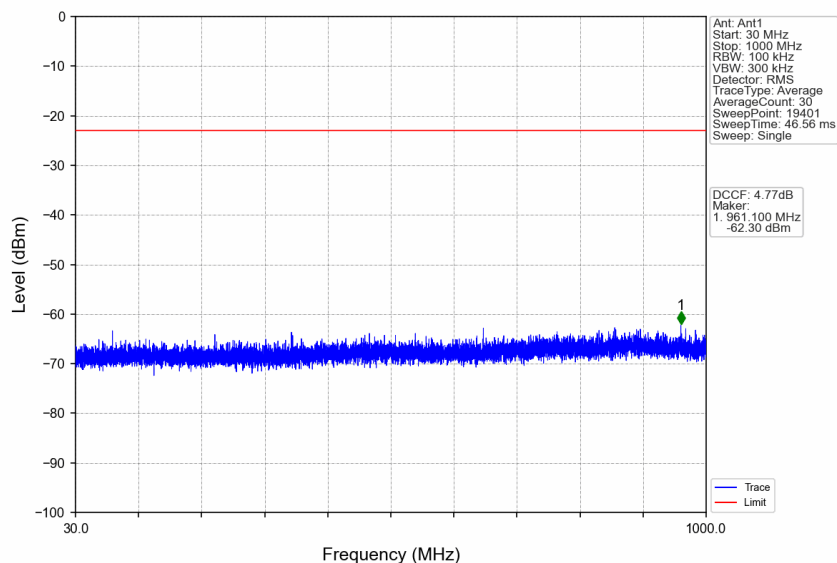
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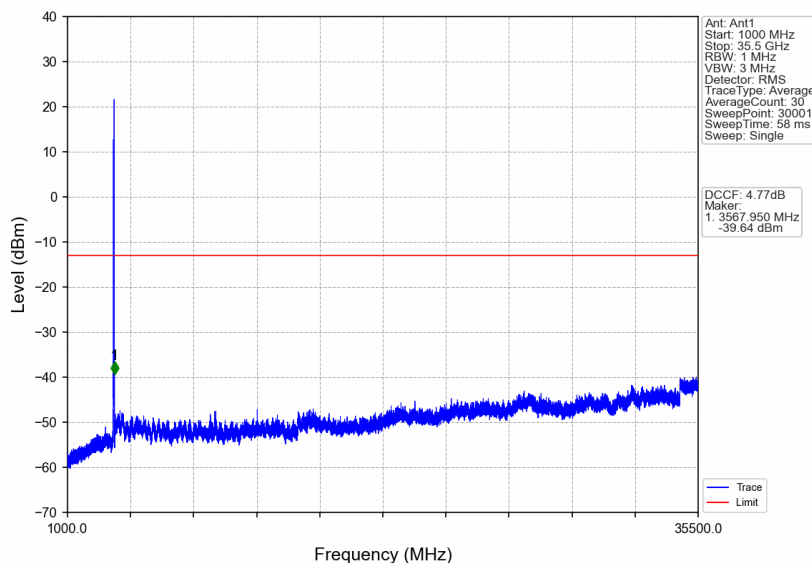
Rev.: 01

Page: 863 of 1237

n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3529.995MHz_Edge_1RB_Right



n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3529.995MHz_Edge_1RB_Right



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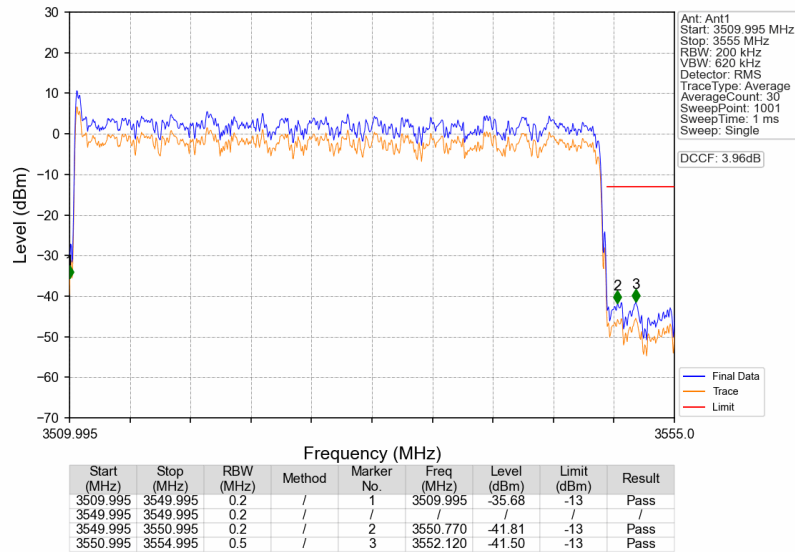


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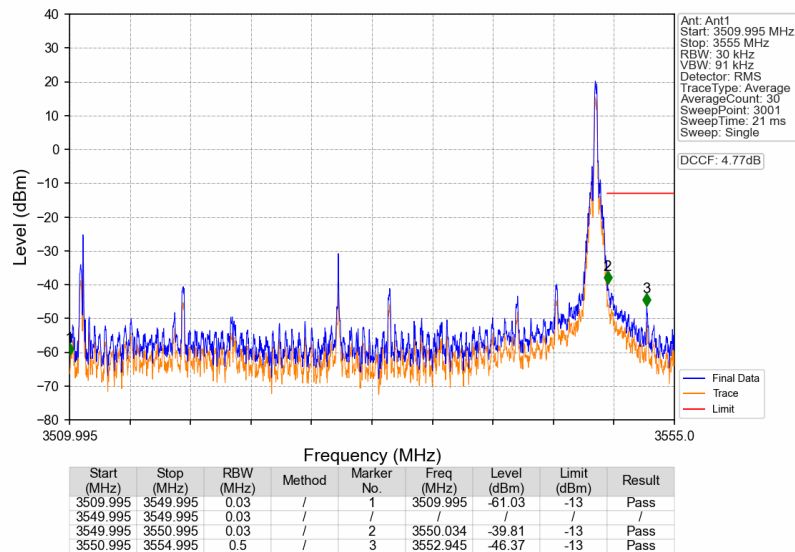
Rev.: 01

Page: 864 of 1237

n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3529.995MHz_Outer_Full



n77d_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_3529.995MHz_Inner_1RB_Right



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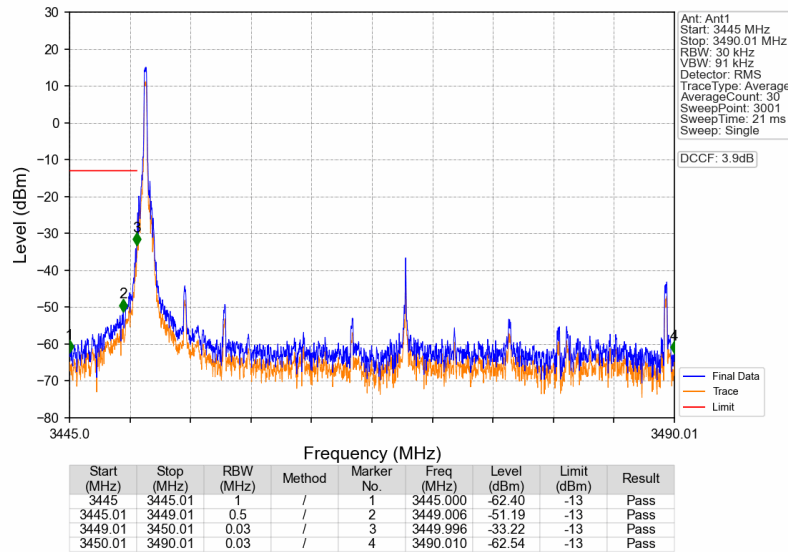
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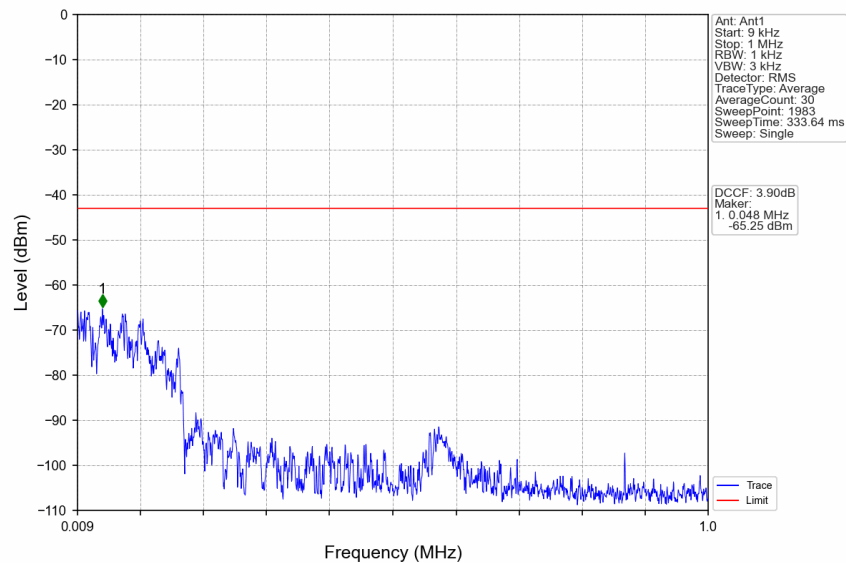
Rev.: 01

Page: 865 of 1237

n77d_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3470.01MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3470.01MHz_Edge_1RB_Left



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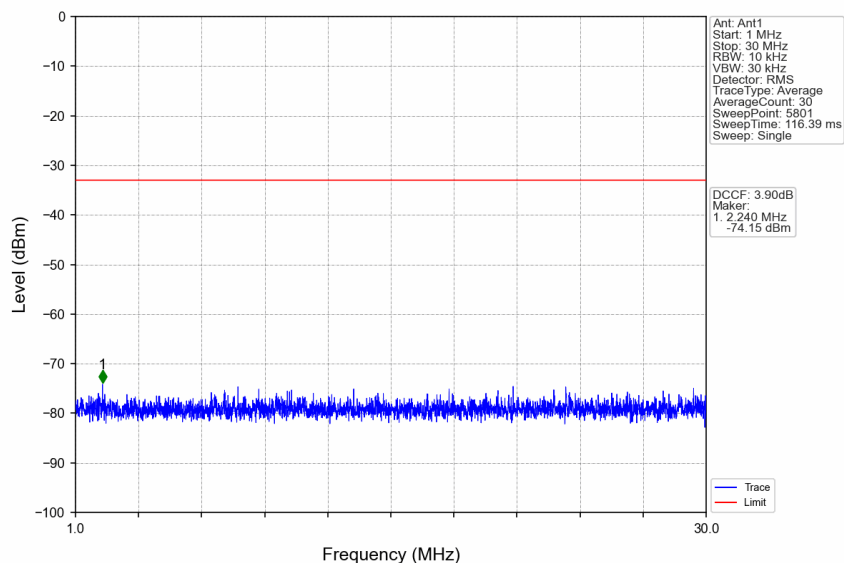
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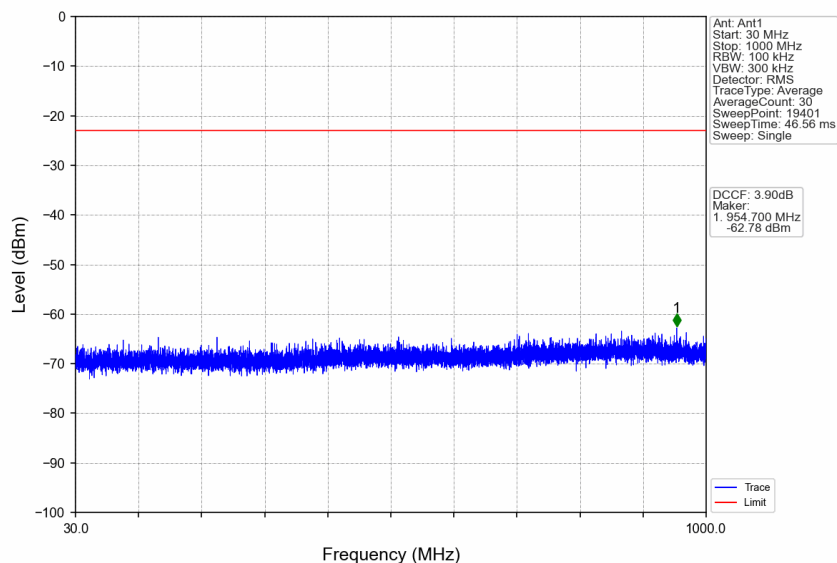
Rev.: 01

Page: 866 of 1237

n77d_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3470.01MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3470.01MHz_Edge_1RB_Left



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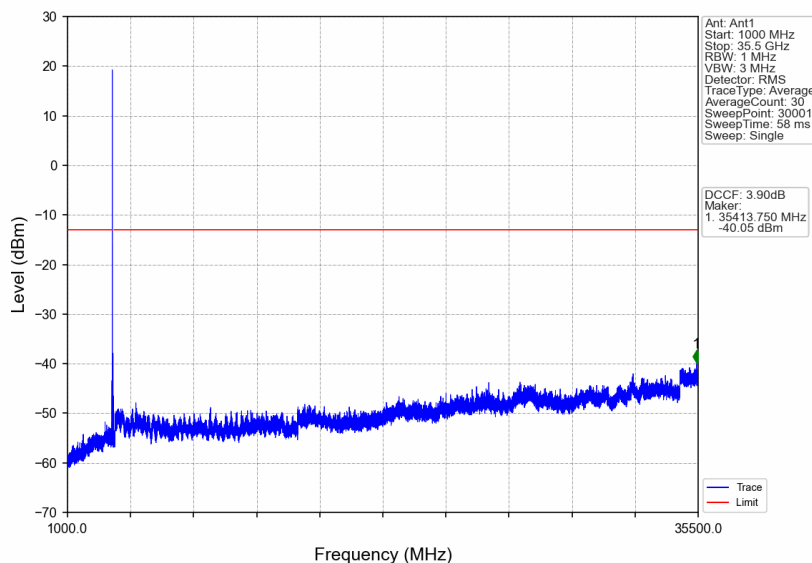
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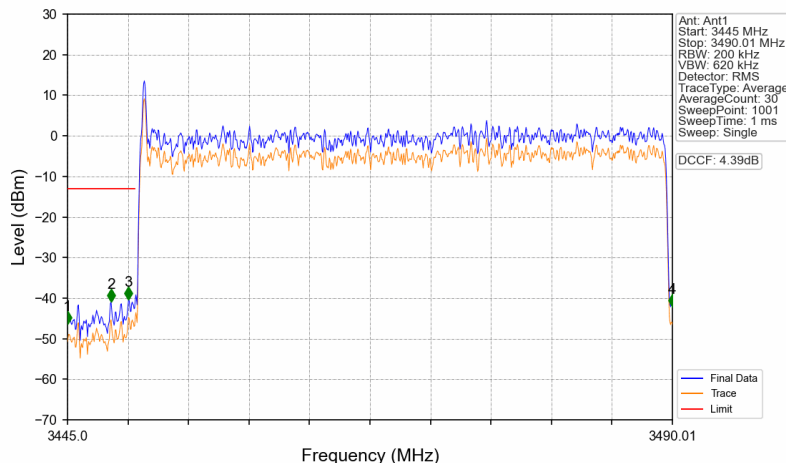
Rev.: 01

Page: 867 of 1237

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n77d_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3470.01MHz_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	-46.37	-13	Pass
3445.01	3449.01	0.5	/	2	3448.241	-40.98	-13	Pass
3449.01	3450.01	0.2	/	3	3449.546	-40.34	-13	Pass
3450.01	3490.01	0.2	/	4	3490.010	-42.15	-13	Pass



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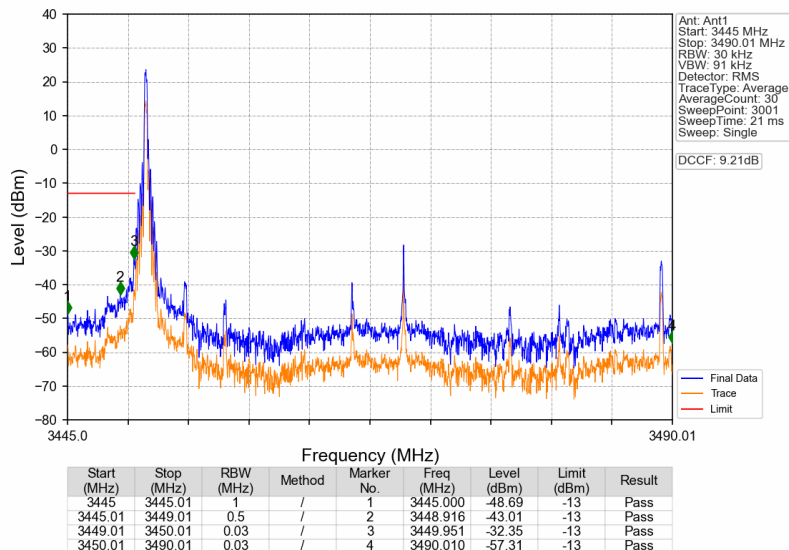
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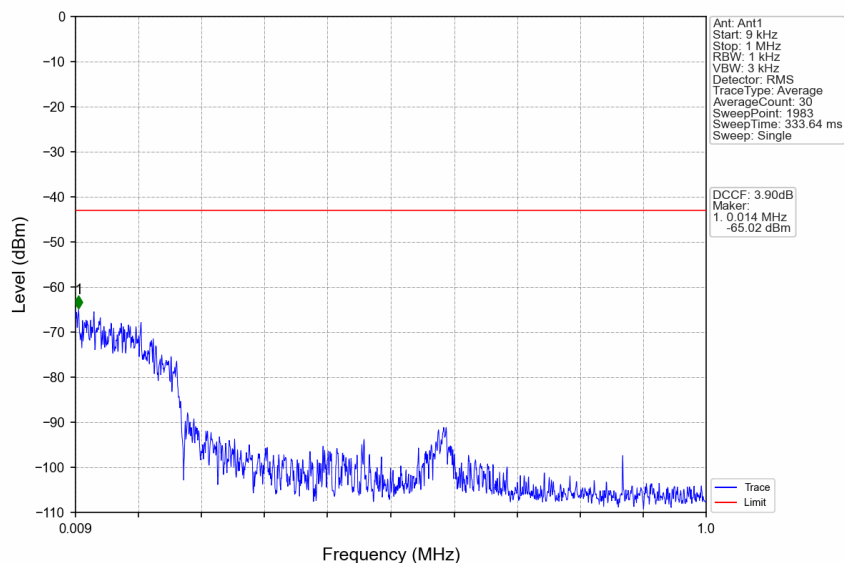
Rev.: 01

Page: 868 of 1237

n77d 15kHz SISO_NTNV_40MHz_CP-OFDM QPSK_3470.01MHz_Inner_1RB_Left



n77d 15kHz SISO_NTNV_40MHz_CP-OFDM QPSK_3499.995MHz_Edge_1RB_Left



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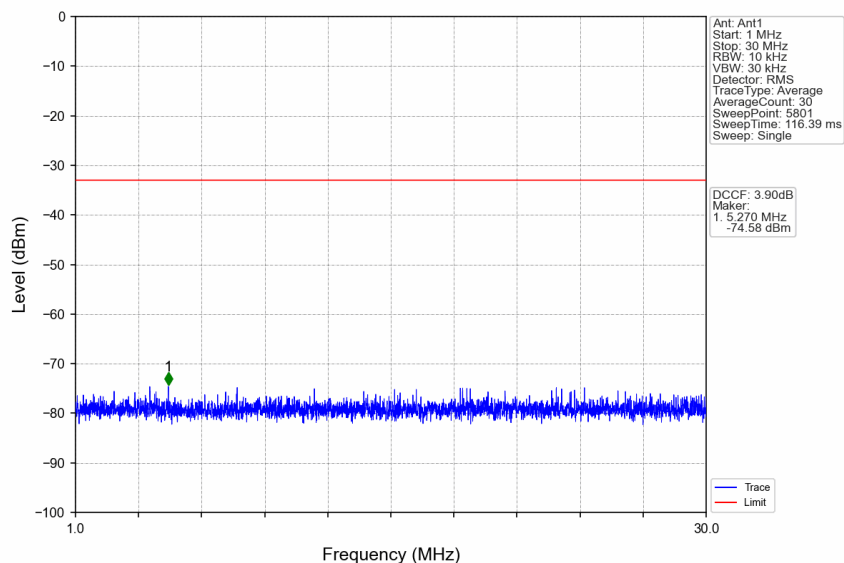
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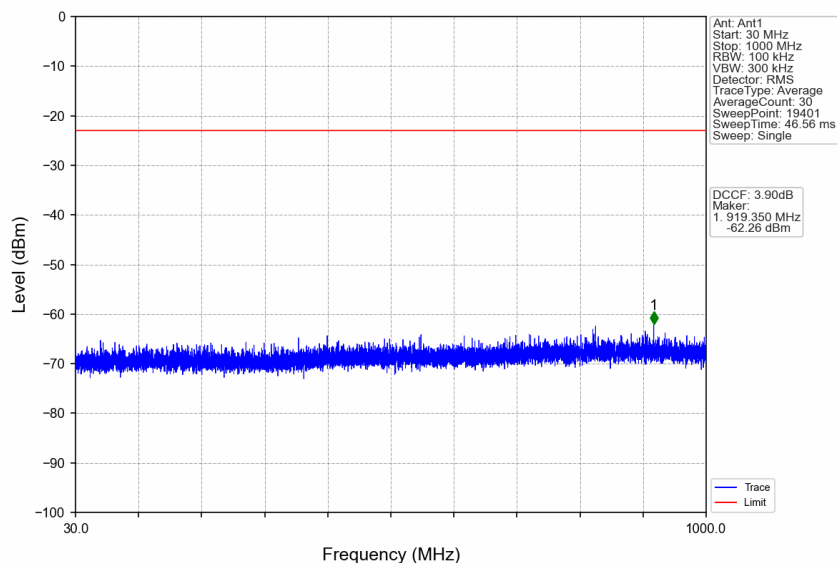
Rev.: 01

Page: 869 of 1237

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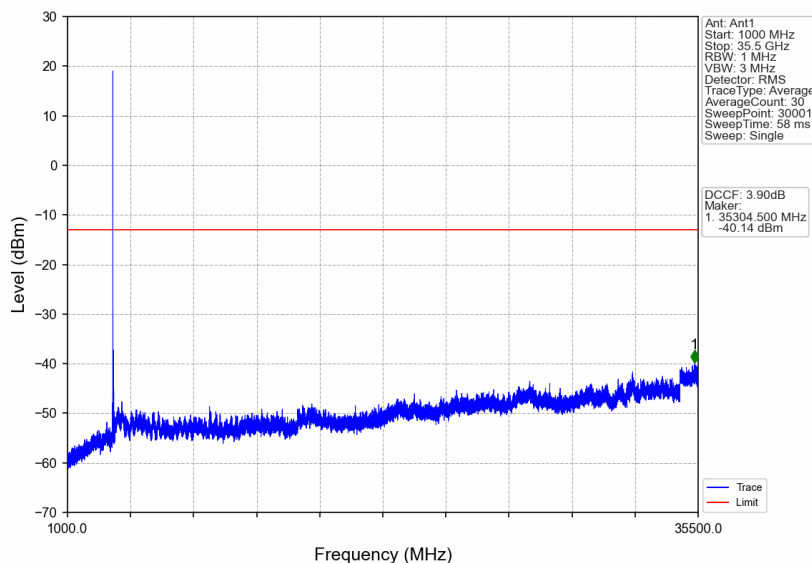
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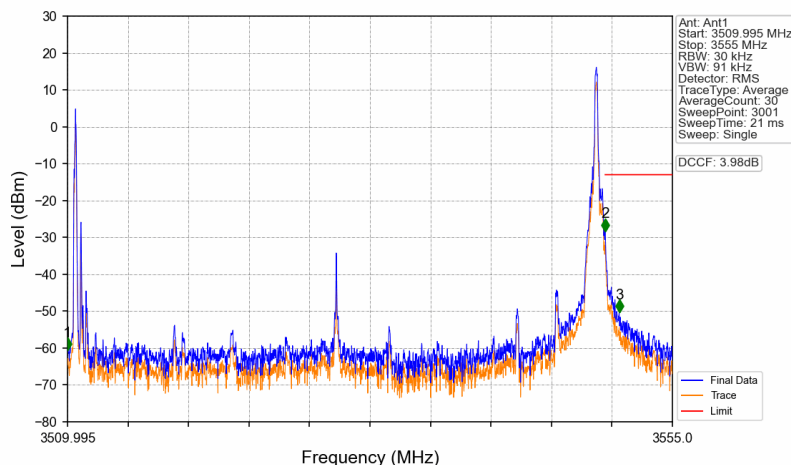
Rev.: 01

Page: 870 of 1237

n77d_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3499.995MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3529.995MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3509.995	3549.995	0.03	/	1	3509.995	-60.54	-13	Pass
3549.995	3549.995	0.03	/	/	/	/	/	/
3549.995	3550.995	0.03	/	2	3550.004	-28.32	-13	Pass
3550.995	3554.995	0.5	/	3	3551.040	-50.37	-13	Pass



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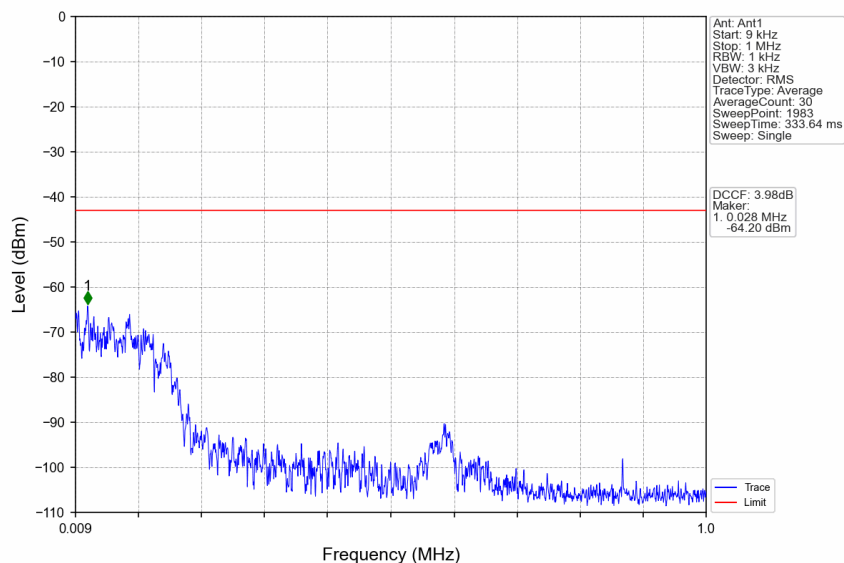
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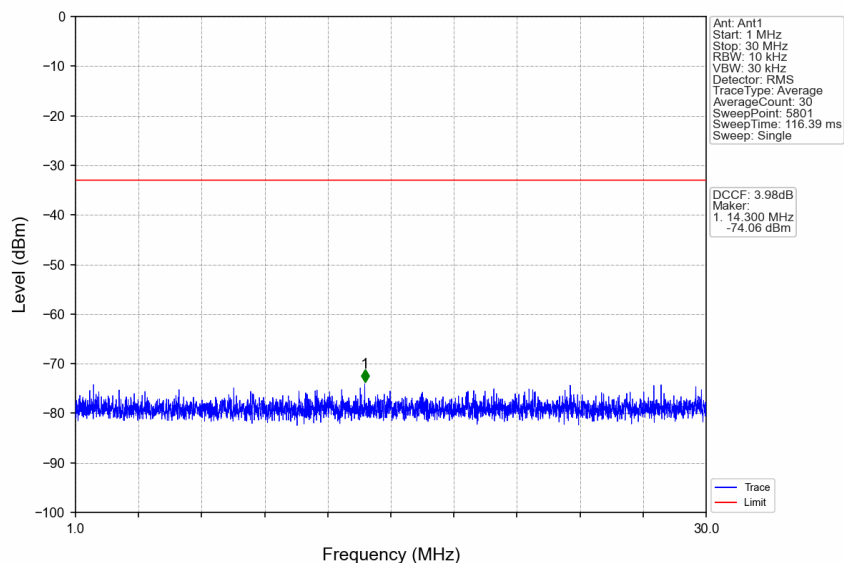
Rev.: 01

Page: 871 of 1237

n77d_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3529.995MHz_Edge_1RB_Right



n77d_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3529.995MHz_Edge_1RB_Right



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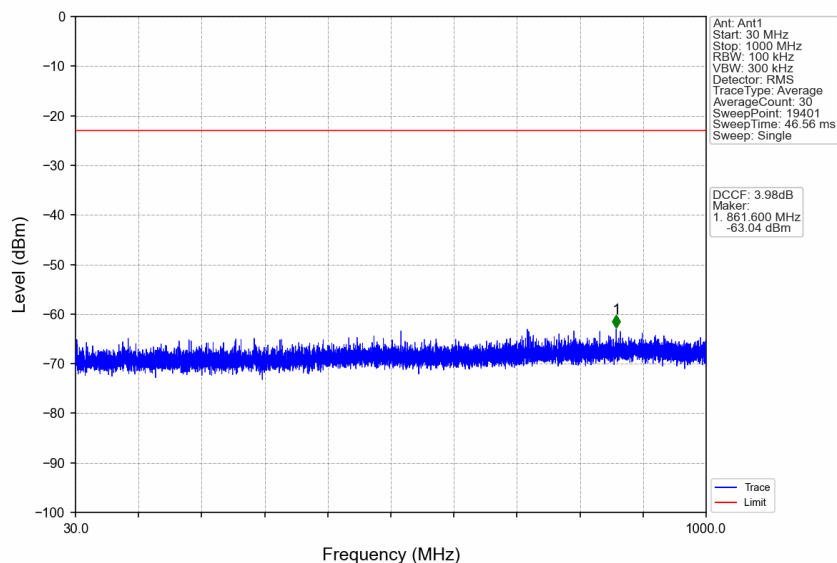


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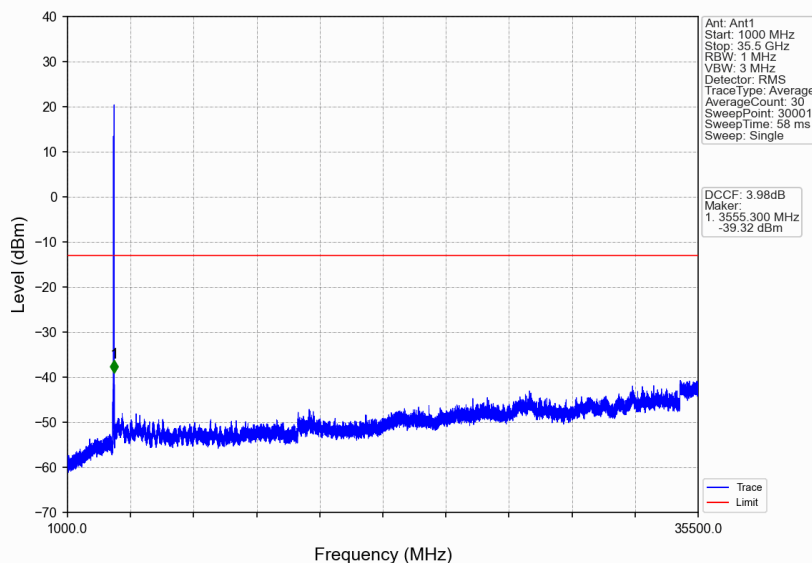
Rev.: 01

Page: 872 of 1237

n77d_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3529.995MHz_Edge_1RB_Right



n77d_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3529.995MHz_Edge_1RB_Right



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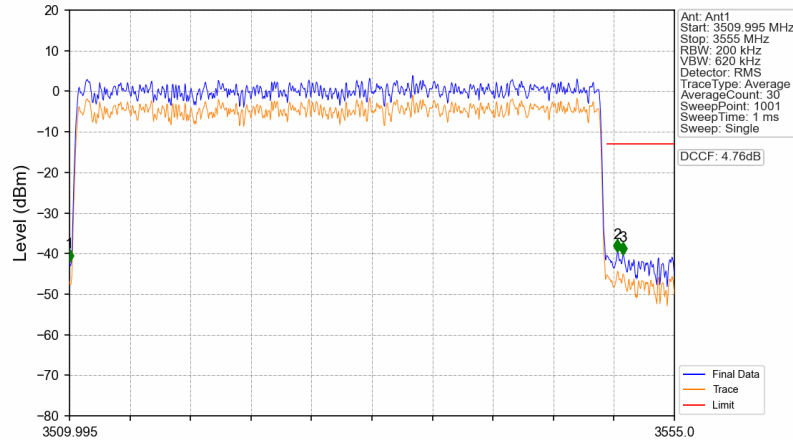
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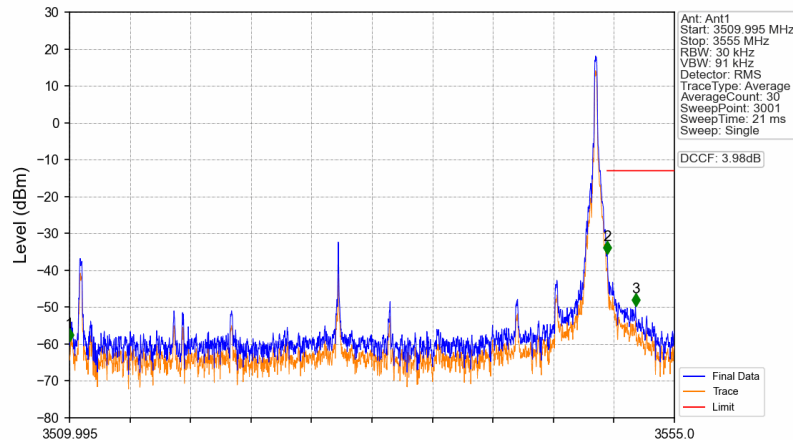
Page: 873 of 1237

n77d_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3529.995MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3509.995	3549.995	0.2	/	1	3509.995	-42.00	-13	Pass
3549.995	3549.995	0.2	/	/	/	/	/	/
3549.995	3550.995	0.2	/	2	3550.770	-39.57	-13	Pass
3550.995	3554.995	0.5	/	3	3551.175	-40.26	-13	Pass

n77d_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3529.995MHz_Inner_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3509.995	3549.995	0.03	/	1	3509.995	-59.27	-13	Pass
3549.995	3549.995	0.03	/	/	/	/	/	/
3549.995	3550.995	0.03	/	2	3550.004	-35.53	-13	Pass
3550.995	3554.995	0.5	/	3	3552.105	-49.77	-13	Pass



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Rev.: 01

Page: 874 of 1237

6.7 15k_SISO_50MHz_NTNV

6.7.1 Test Result

5G NR n77d SCS=15kHz SISO 50MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant5	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	3475.005	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	
		3525	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3475.005		Inner_1RB_Right	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
	3499.995	Inner_1RB_Left	Refer To Test Graph				Pass	
		3525	Edge_1RB_Left	Refer To Test Graph				Pass
			Edge_1RB_Right	Refer To Test Graph				Pass
CP-OFDM QPSK	3475.005		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass	
		Edge_1RB_Left	Refer To Test Graph				Pass	
	3499.995	Inner_1RB_Right	Refer To Test Graph				Pass	
		3525	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3525		Inner_1RB_Right	Refer To Test Graph				Pass



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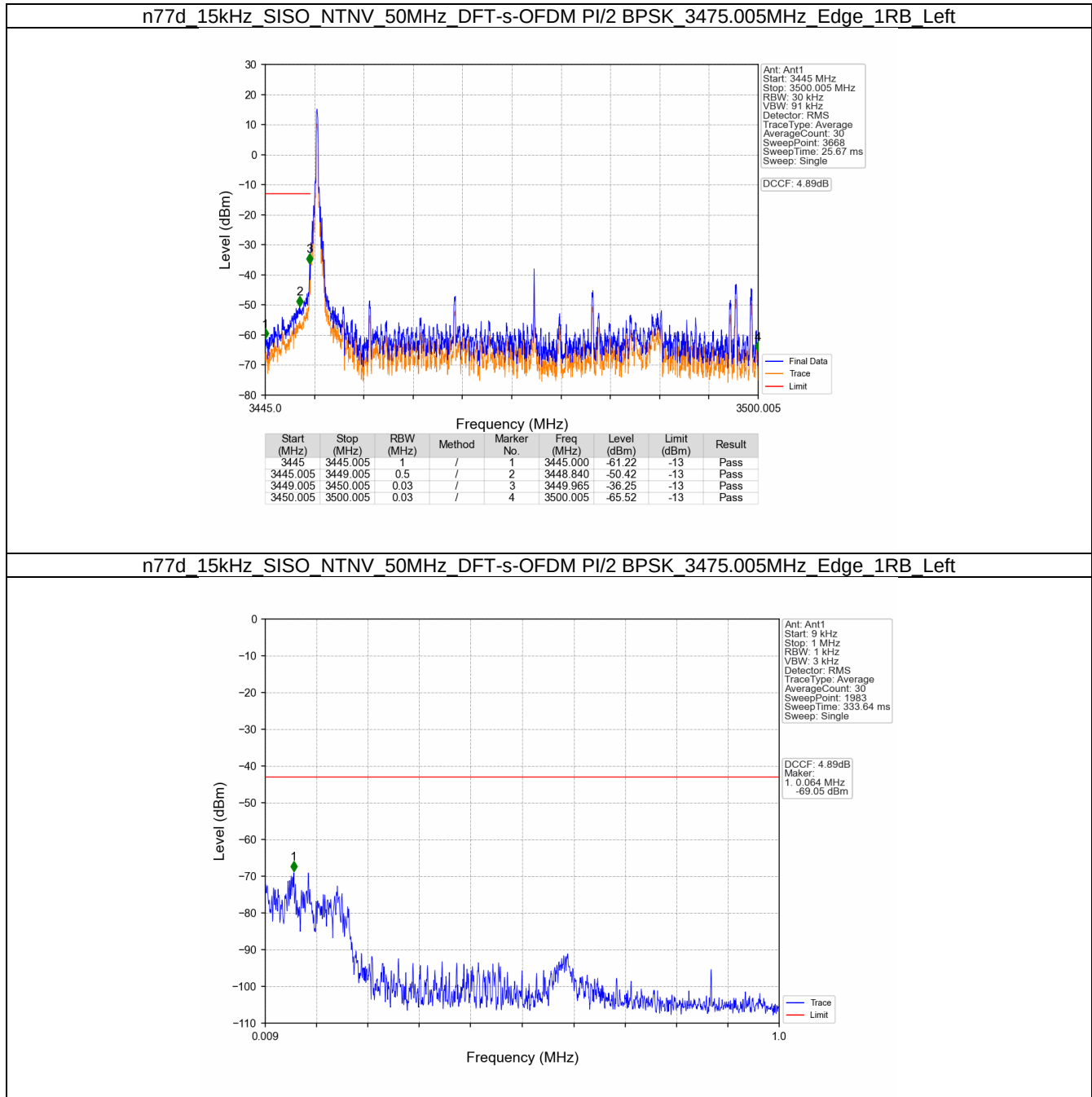
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6.7.2 Test Graph



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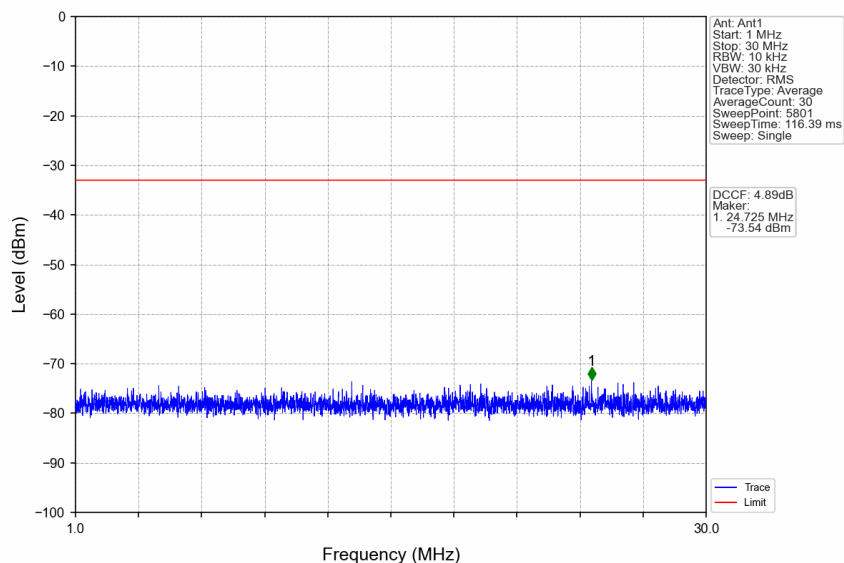


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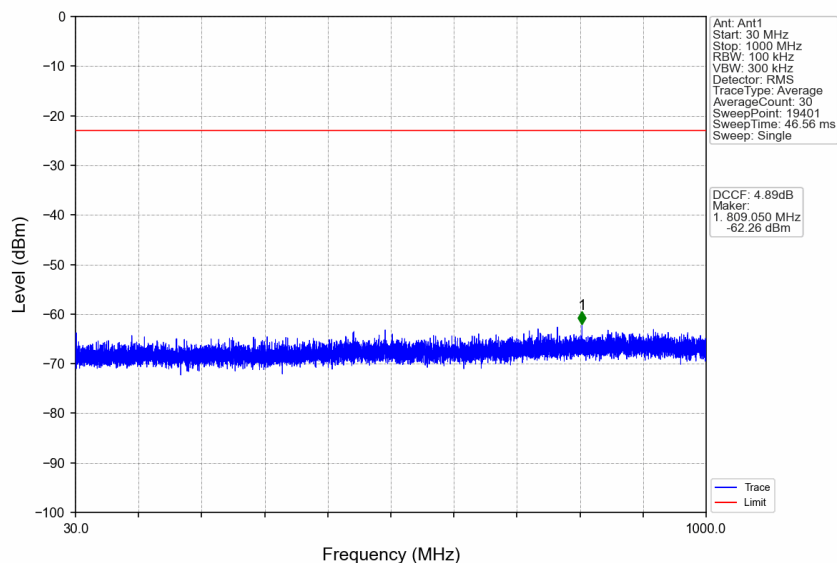
Rev.: 01

Page: 876 of 1237

n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3475.005MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3475.005MHz_Edge_1RB_Left



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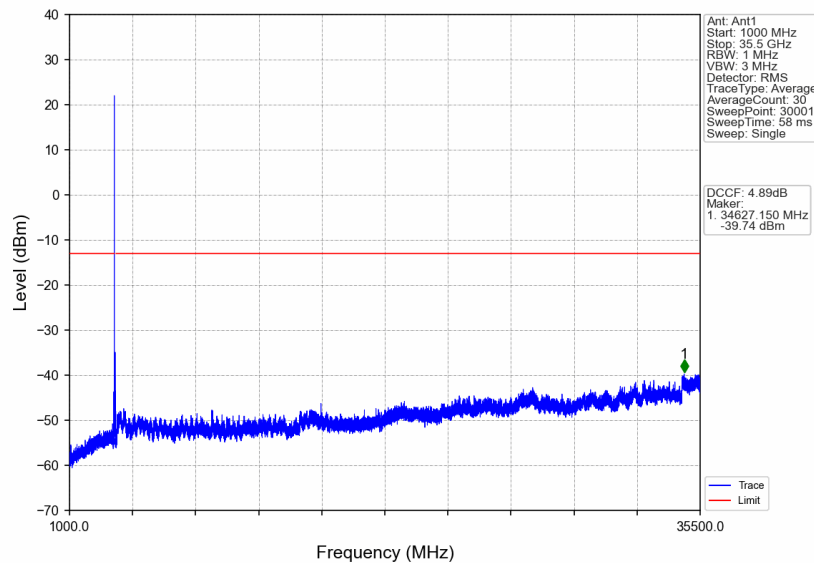
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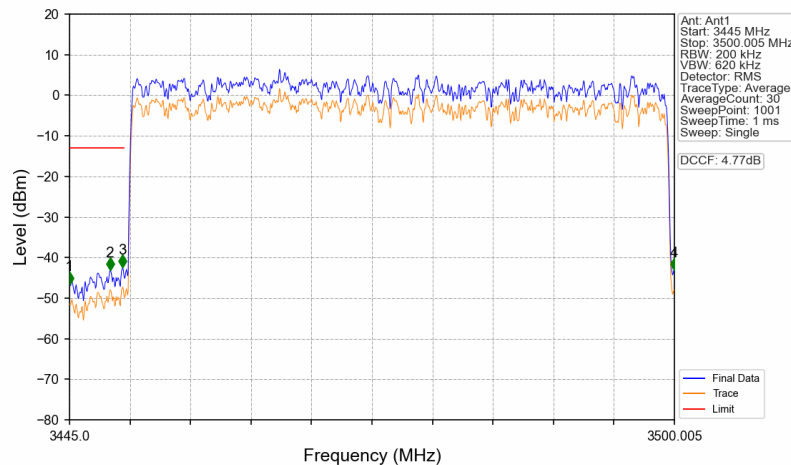
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Page: 877 of 1237

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n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3475.005MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445.005	1	/	1	3445.000	-46.60	-13	Pass
3445.005	3449.005	0.5	/	2	3448.685	-43.22	-13	Pass
3449.005	3450.005	0.2	/	3	3449.840	-42.46	-13	Pass
3450.005	3500.005	0.2	/	4	3500.005	-43.12	-13	Pass



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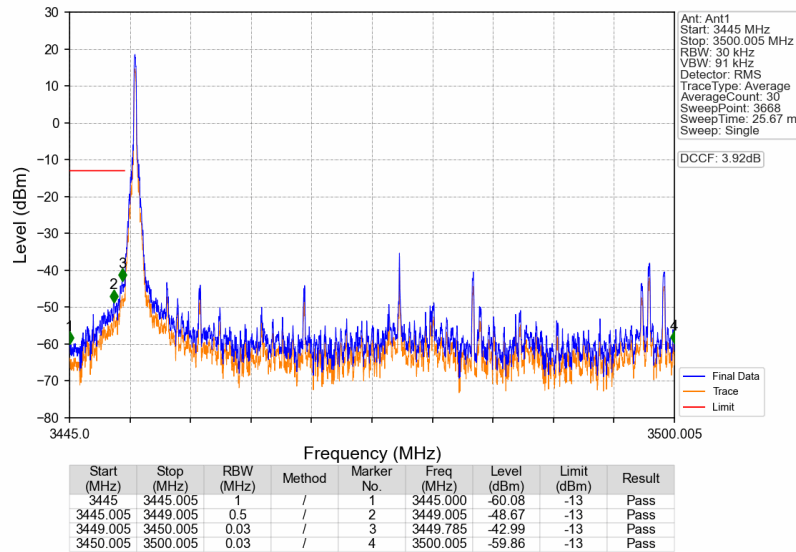


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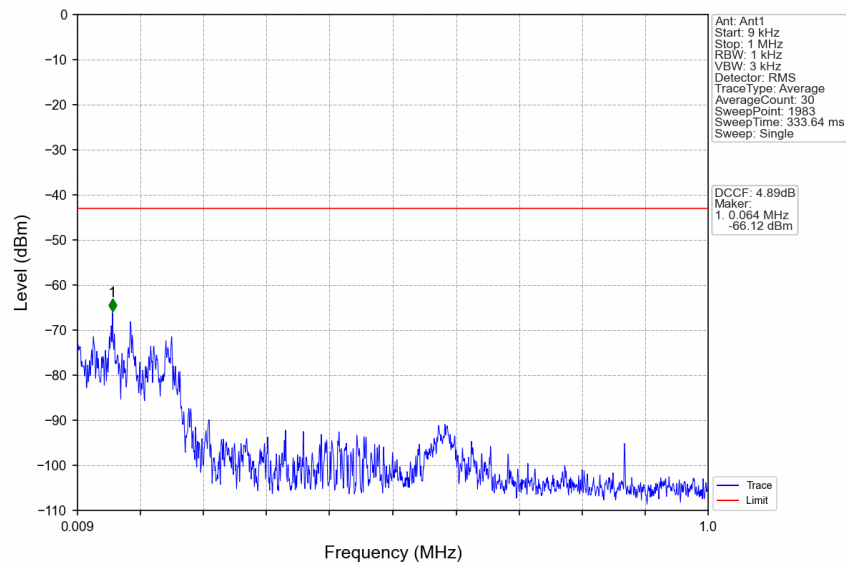
Rev.: 01

Page: 878 of 1237

n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3475.005MHz_Inner_1RB_Left



n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3499.995MHz_Edge_1RB_Left



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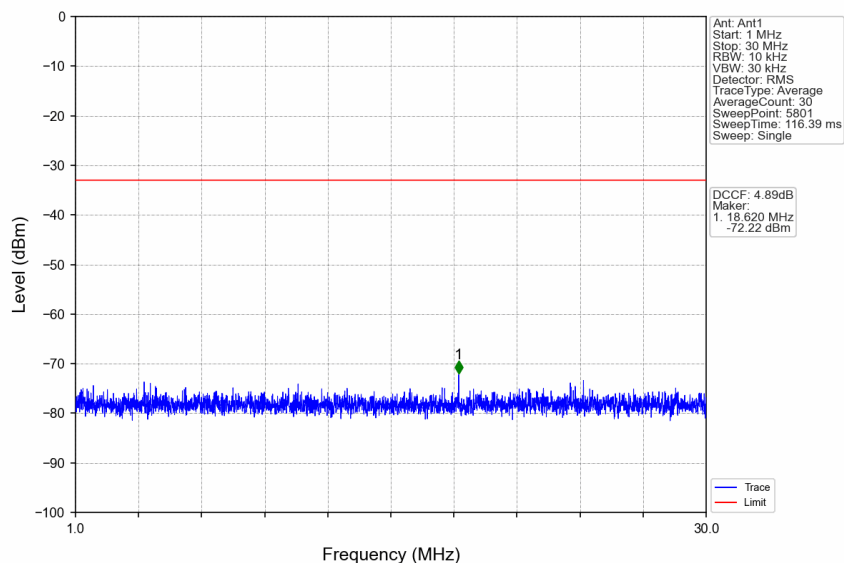


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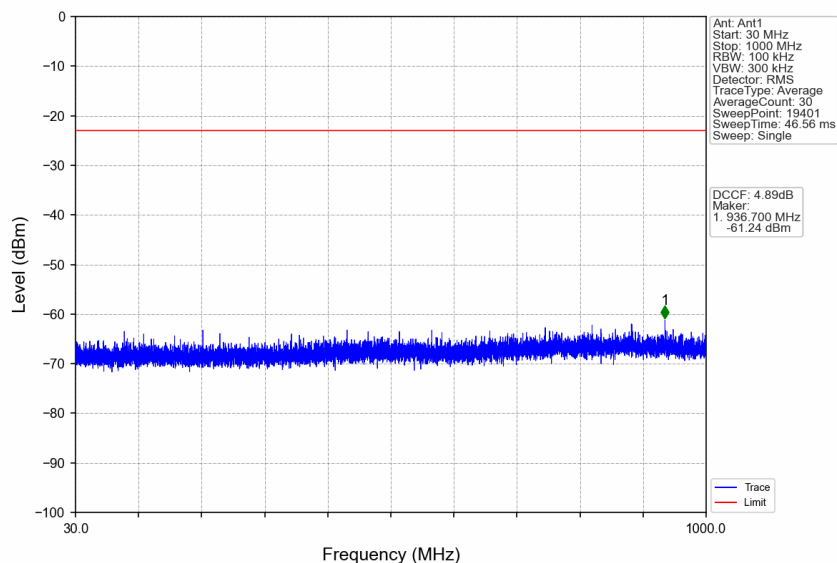
Rev.: 01

Page: 879 of 1237

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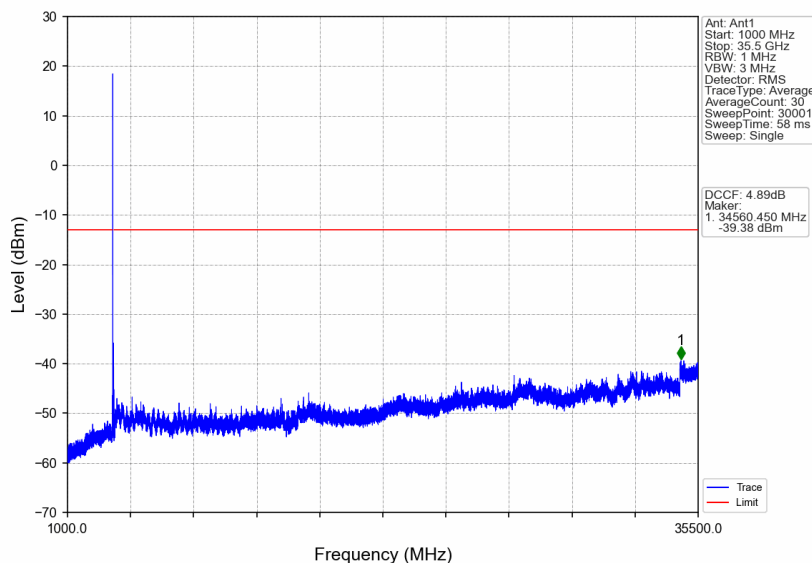
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Report No.: SEWM2311000456RG02

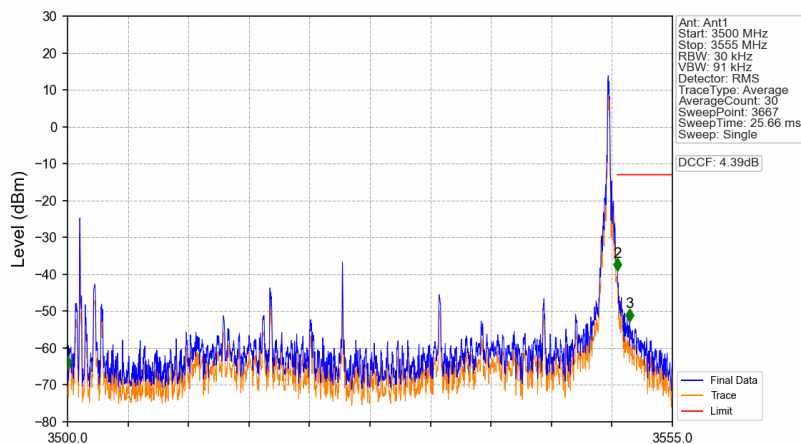
Rev.: 01

Page: 880 of 1237

n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3499.995MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3525MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3500	3550	0.03	/	1	3500.000	-65.64	-13	Pass
3550	3550	0.03	/	/	/	/	/	/
3550	3551	0.03	/	2	3550.004	-39.12	-13	Pass
3551	3555	0.5	/	3	3551.114	-52.75	-13	Pass



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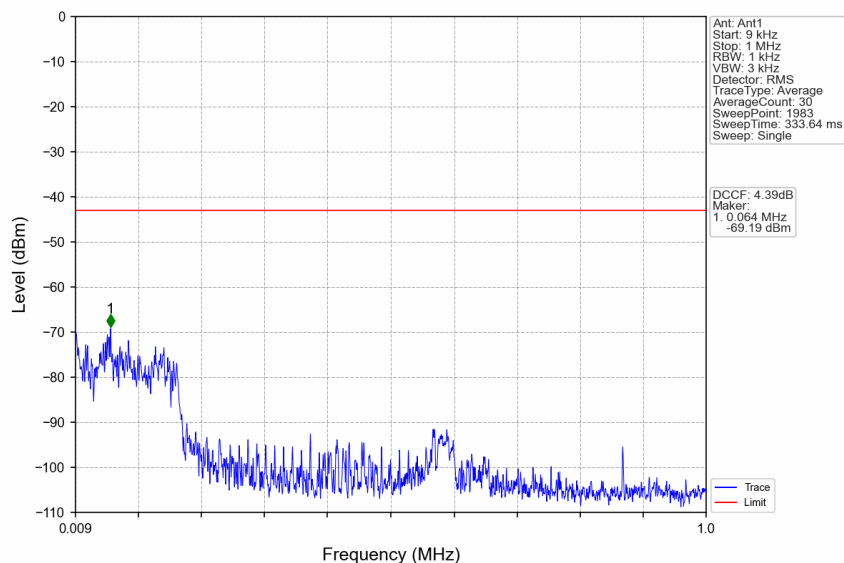
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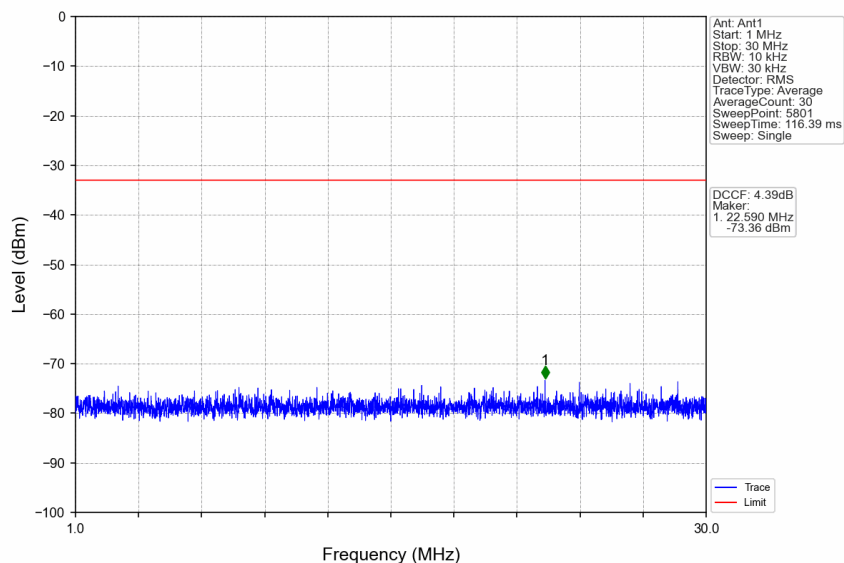
Rev.: 01

Page: 881 of 1237

n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3525MHz_Edge_1RB_Right



n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3525MHz_Edge_1RB_Right



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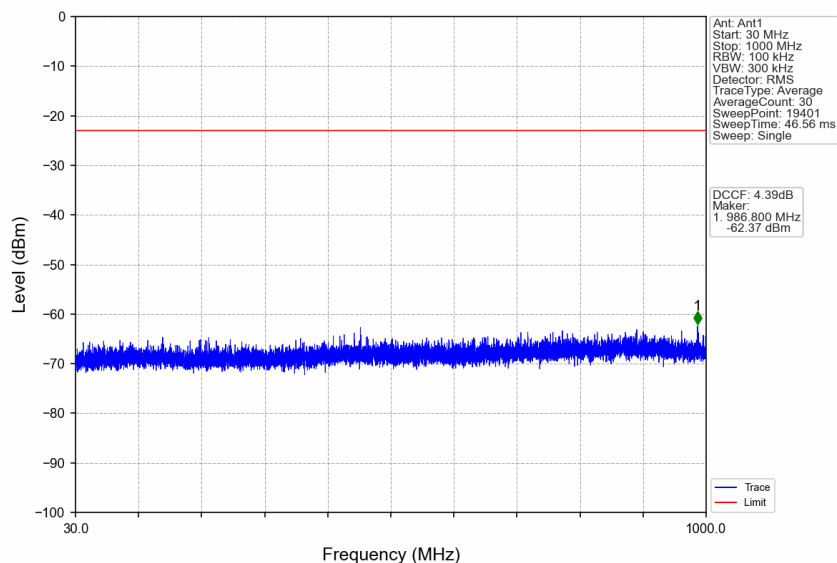
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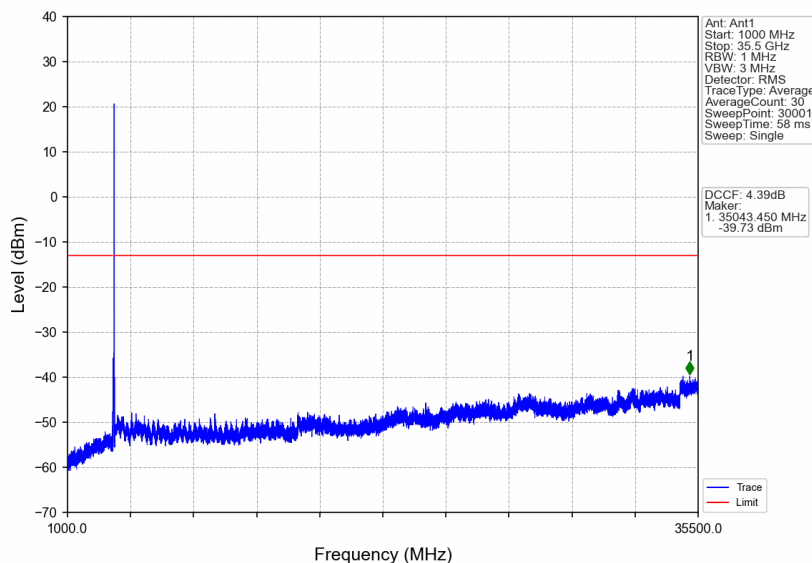
Rev.: 01

Page: 882 of 1237

n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3525MHz_Edge_1RB_Right



n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3525MHz_Edge_1RB_Right



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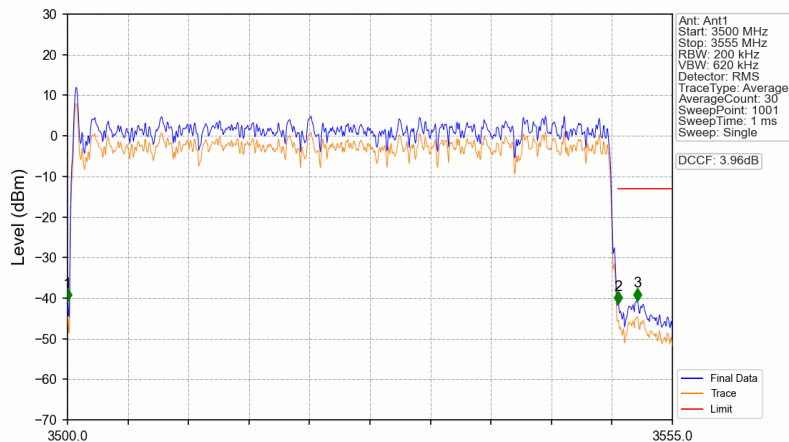
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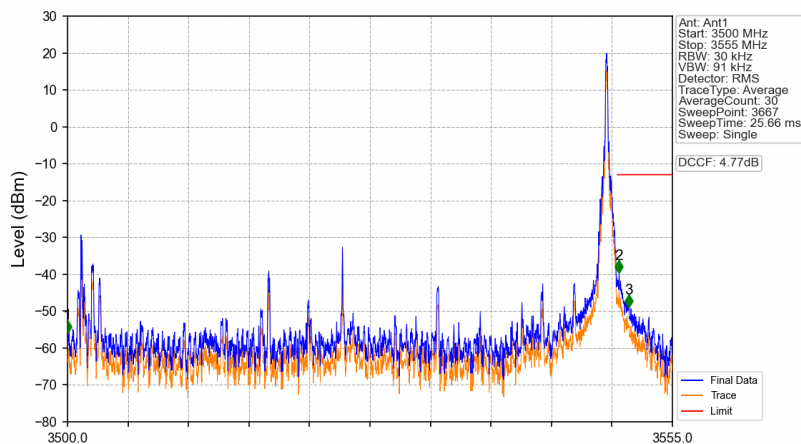
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n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3525MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3500	3550	0.2	/	1	3500.000	-40.73	-13	Pass
3550	3550	0.2	/	2	3550.050	-41.43	-13	Pass
3550	3551	0.2	/	3	3551.810	-40.66	-13	Pass

n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3525MHz_Inner_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3500	3550	0.03	/	1	3500.000	-55.86	-13	Pass
3550	3550	0.03	/	2	3550.154	-39.73	-13	Pass
3550	3551	0.03	/	3	3551.039	-49.01	-13	Pass



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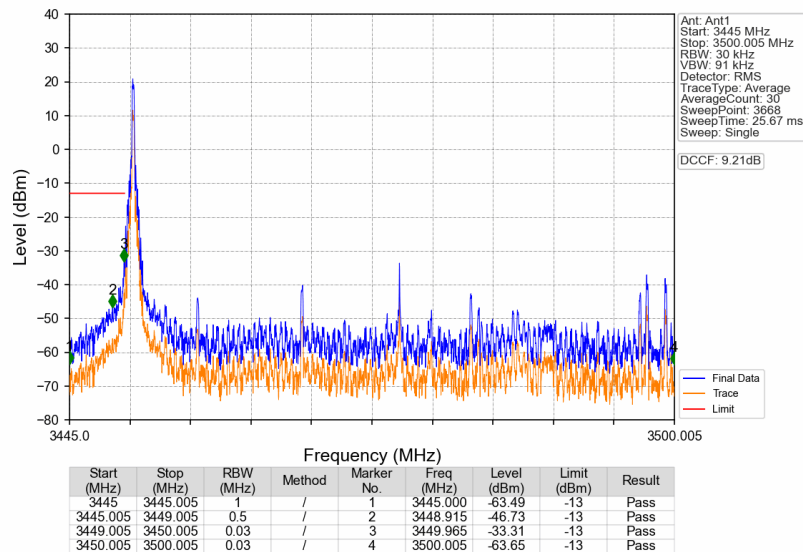
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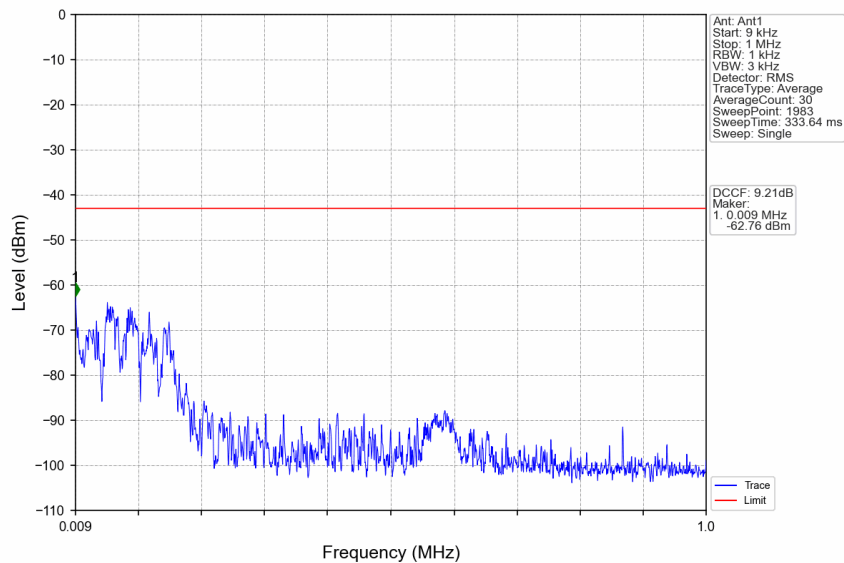
Rev.: 01

Page: 884 of 1237

n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3475.005MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3475.005MHz_Edge_1RB_Left



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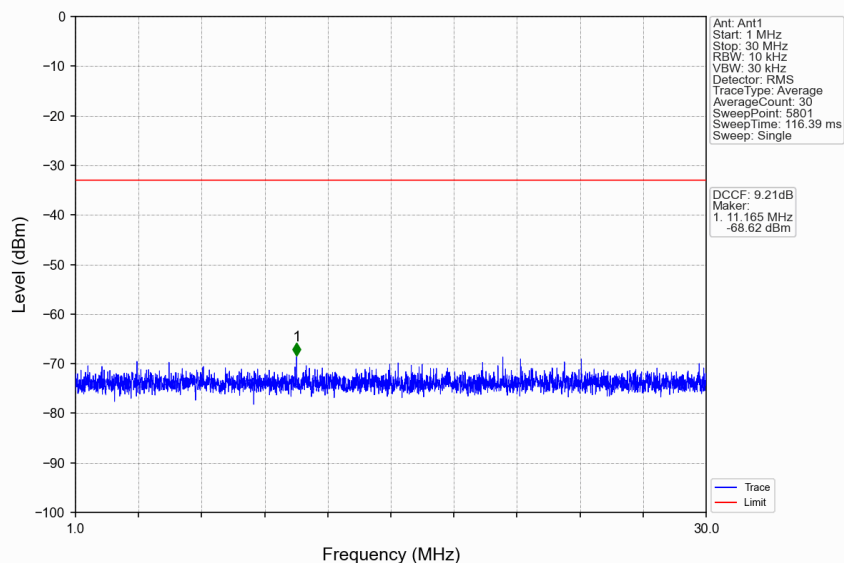


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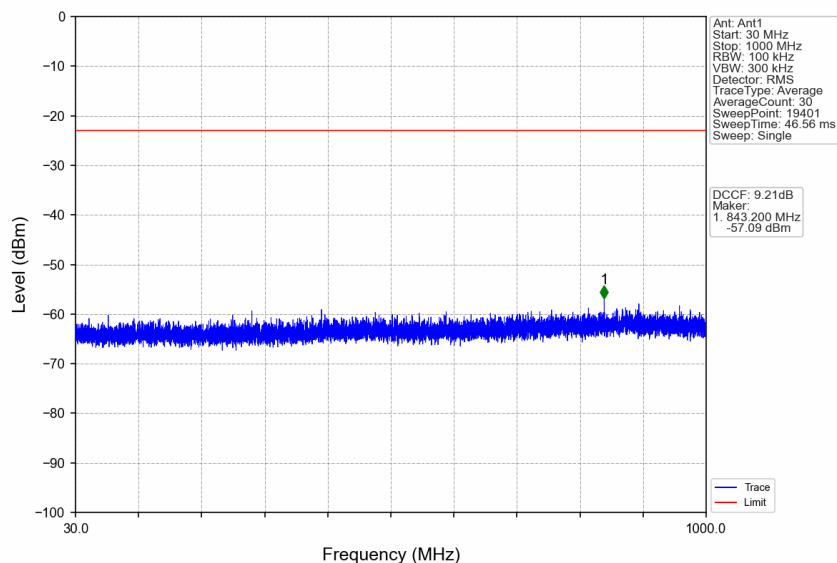
Rev.: 01

Page: 885 of 1237

n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3475.005MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3475.005MHz_Edge_1RB_Left



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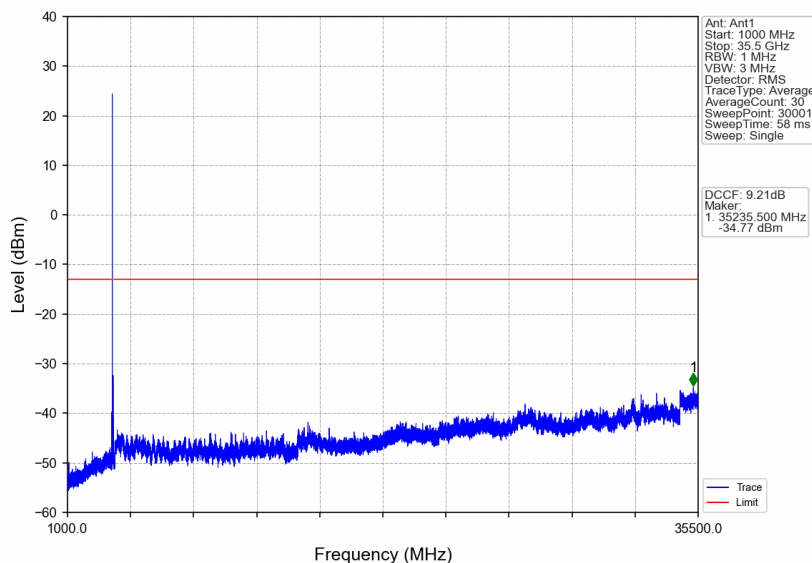
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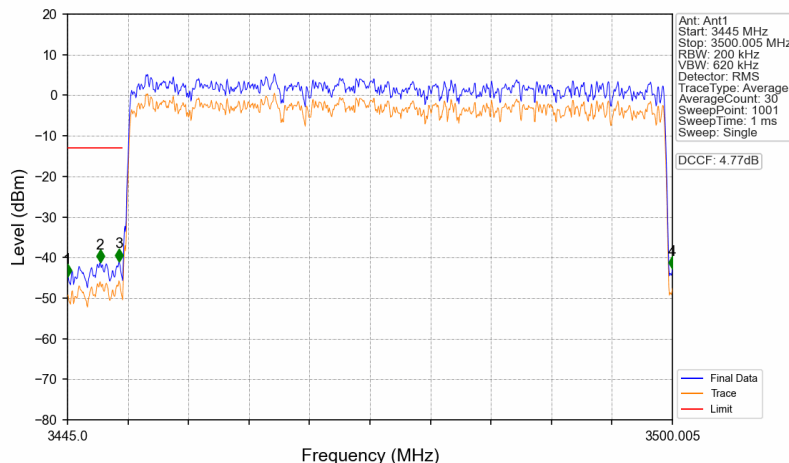
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Page: 886 of 1237

n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK 3475.005MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK 3475.005MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445.005	1	/	1	3445.000	-44.69	-13	Pass
3445.005	3449.005	0.5	/	2	3447.970	-41.19	-13	Pass
3449.005	3450.005	0.2	/	3	3449.675	-40.96	-13	Pass
3450.005	3500.005	0.2	/	4	3500.005	-42.81	-13	Pass



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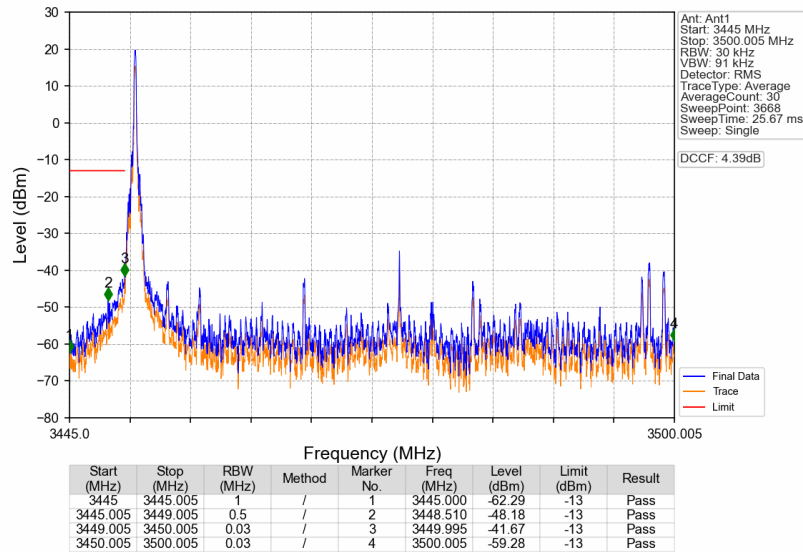
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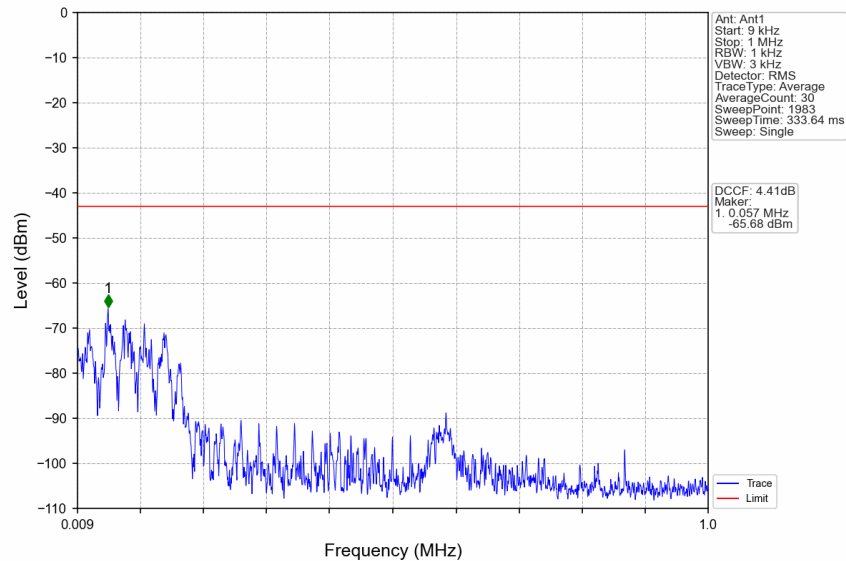
Rev.: 01

Page: 887 of 1237

n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3475.005MHz_Inner_1RB_Left



n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3499.995MHz_Edge_1RB_Left



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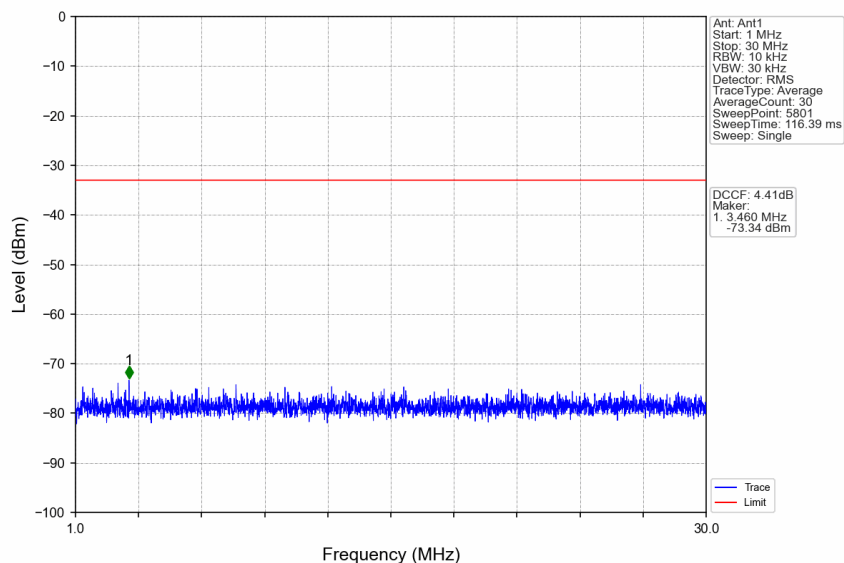
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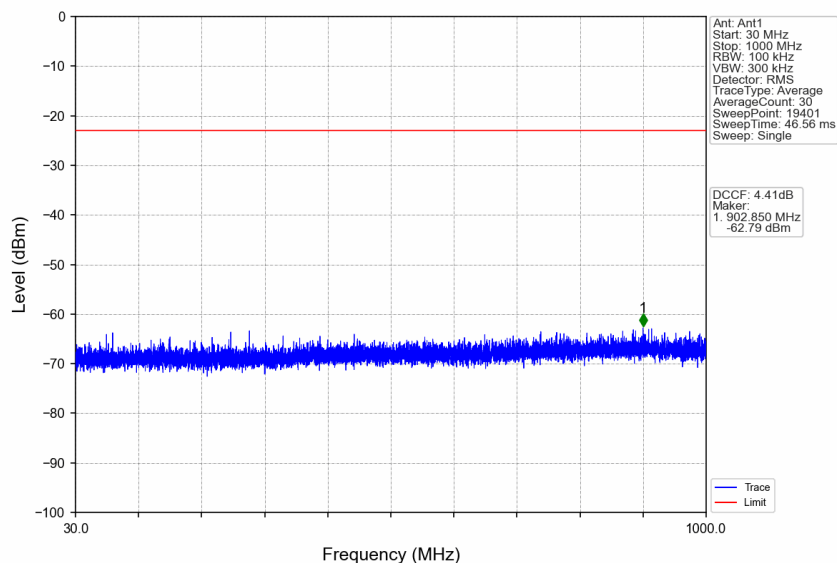
Rev.: 01

Page: 888 of 1237

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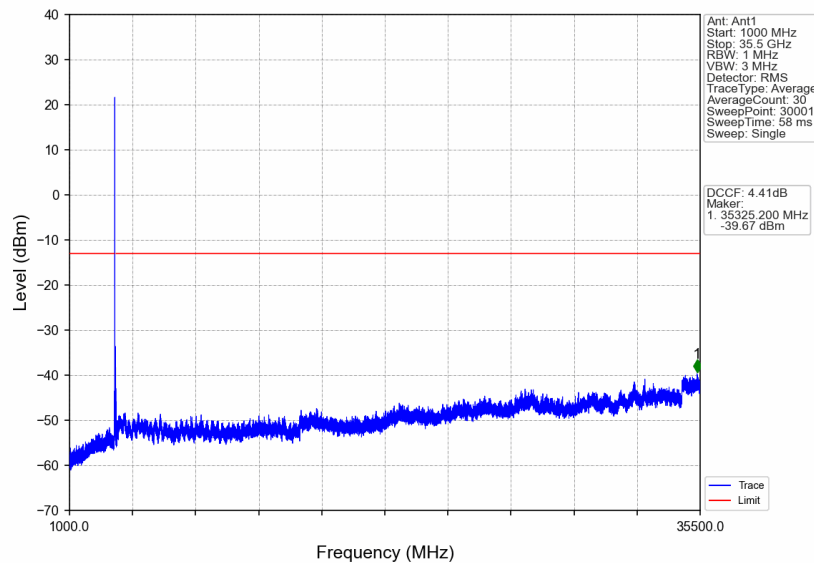
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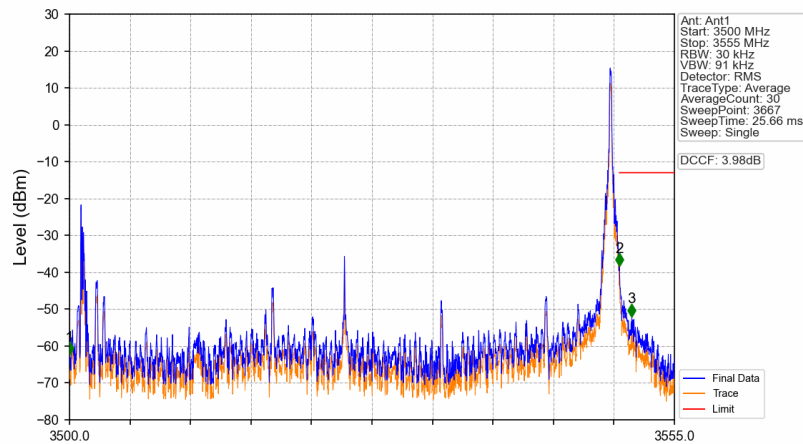
Rev.: 01

Page: 889 of 1237

n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK 3499.995MHz_Edge_1RB_Left



n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK 3525MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3500	3550	0.03	/	1	3500.000	-62.37	-13	Pass
3550	3550	0.03	/	/	/	/	/	/
3550	3551	0.03	/	2	3550.004	-38.24	-13	Pass
3551	3555	0.5	/	3	3551.129	-51.97	-13	Pass



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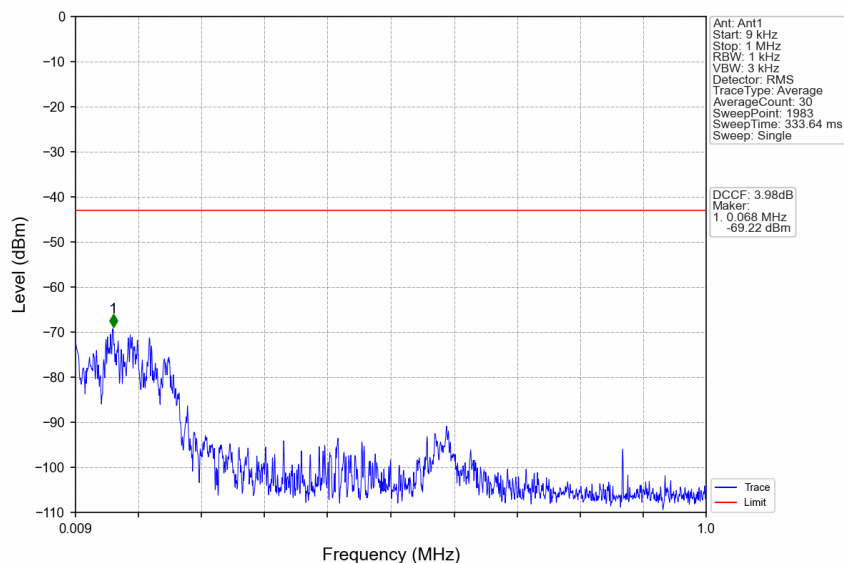
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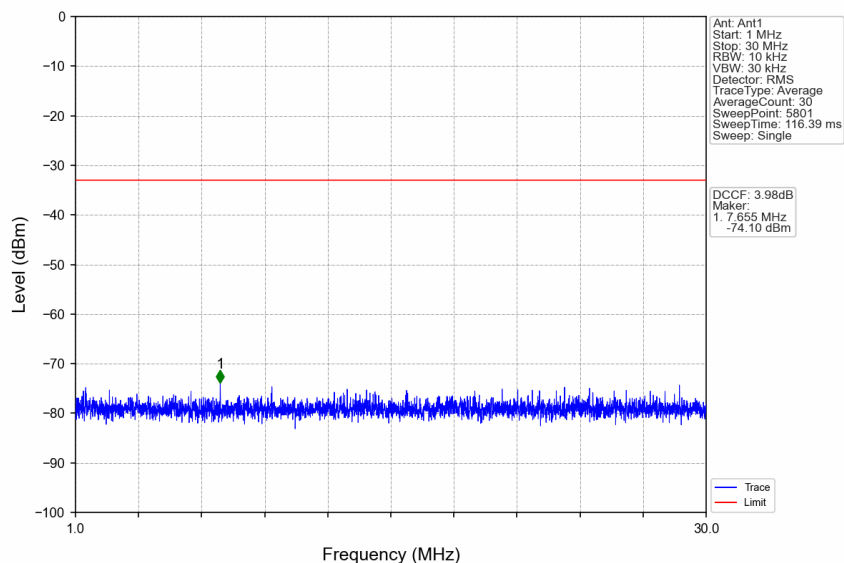
Rev.: 01

Page: 890 of 1237

n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3525MHz_Edge_1RB_Right



n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3525MHz_Edge_1RB_Right



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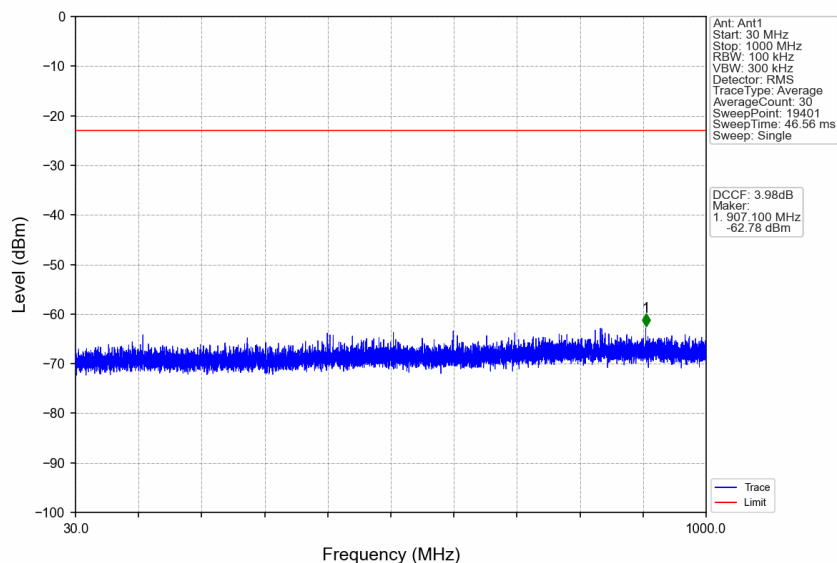
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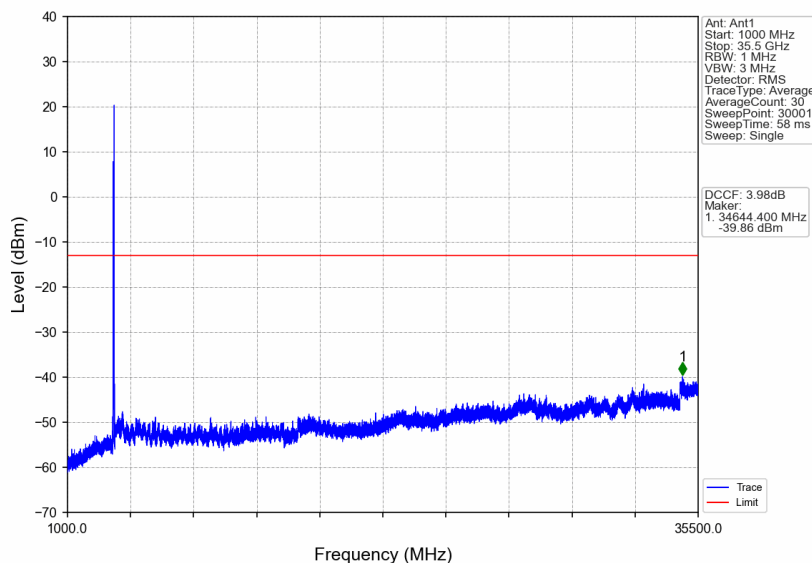
Rev.: 01

Page: 891 of 1237

n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3525MHz_Edge_1RB_Right



n77d_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3525MHz_Edge_1RB_Right



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