

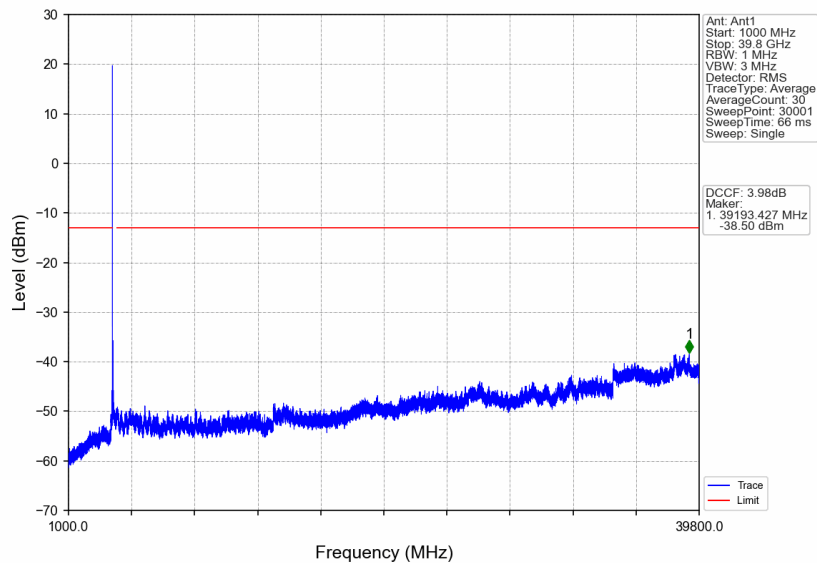


Report No.: SEWM2311000456RG02

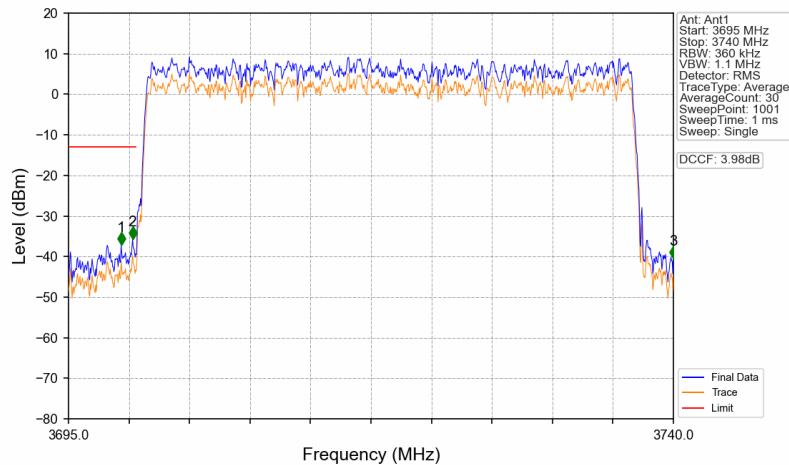
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n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3720MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3720MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	/	1	3698.915	-37.16	-13	Pass
3699	3700	0.36	/	2	3699.770	-35.76	-13	Pass
3700	3740	0.36	/	3	3740.000	-40.48	-13	Pass



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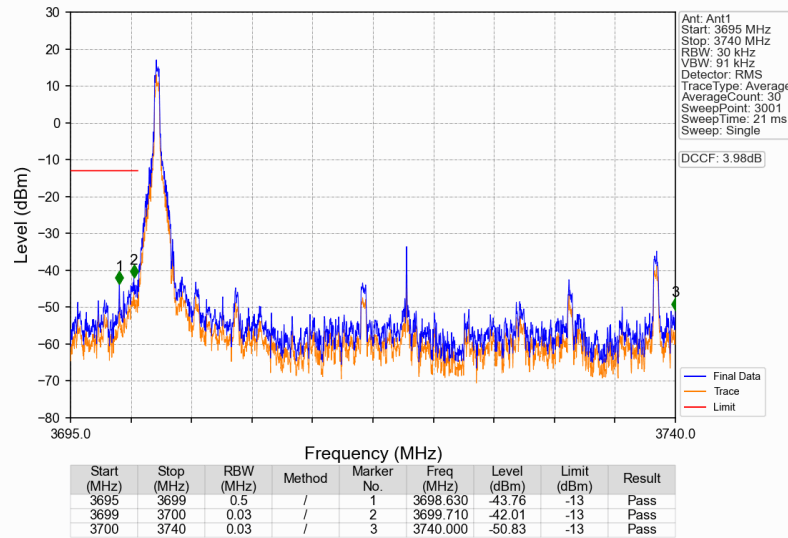
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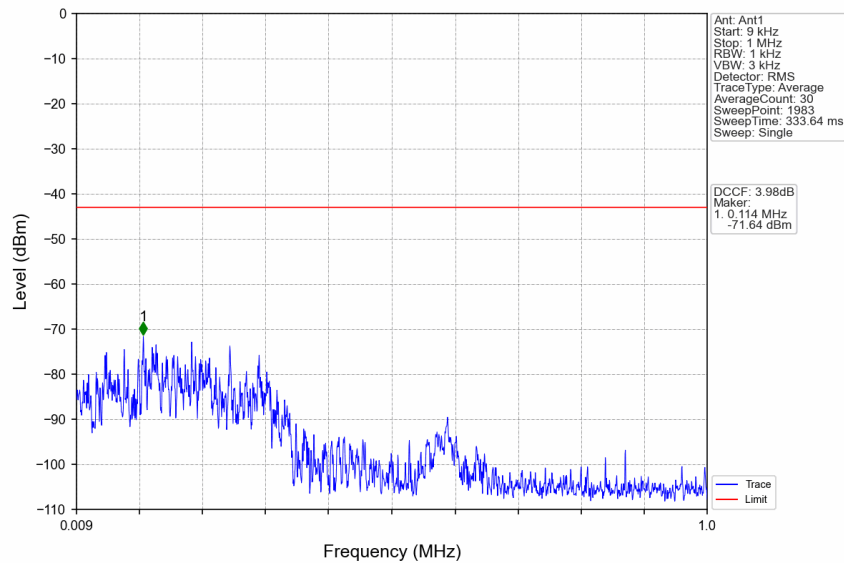
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n77a 30kHz SISO_NTNV_40MHz DFT-s-OFDM QPSK_3720MHz_Inner_1RB_Left



n77a 30kHz SISO_NTNV_40MHz DFT-s-OFDM QPSK_3840MHz_Edge_1RB_Left



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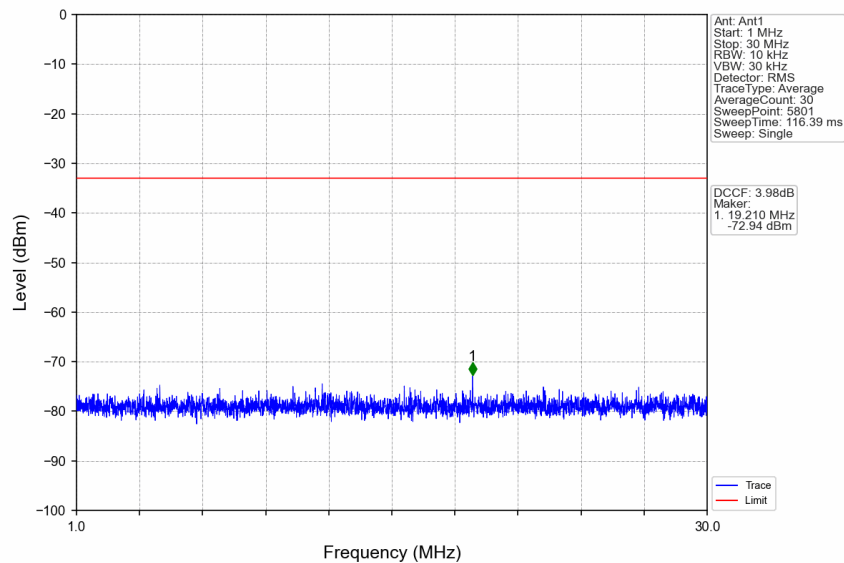


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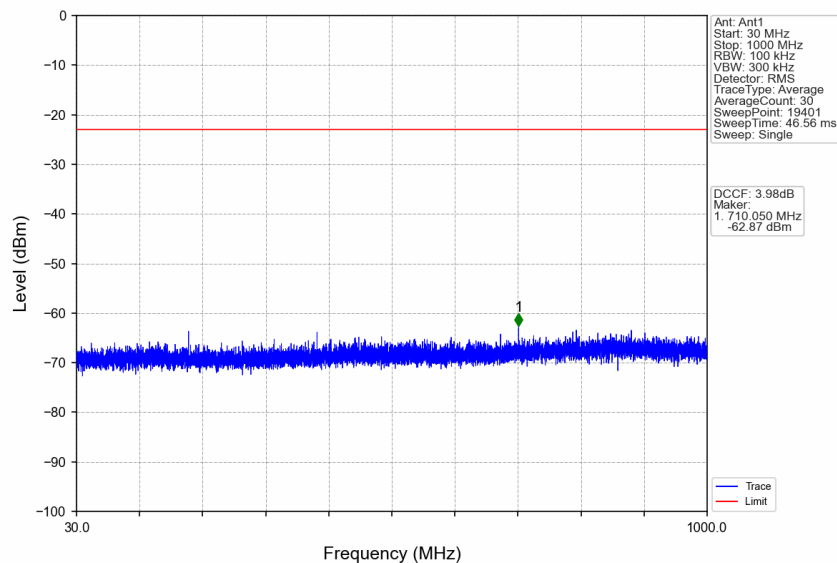
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n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left



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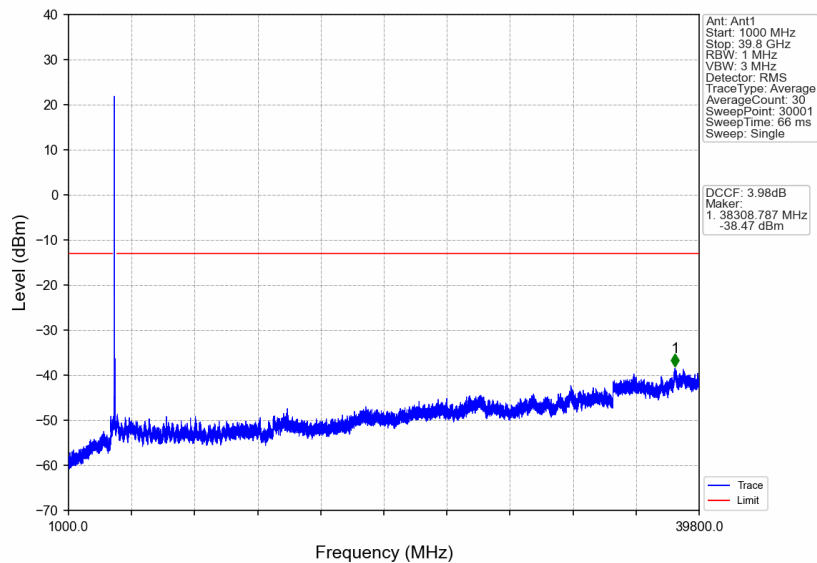


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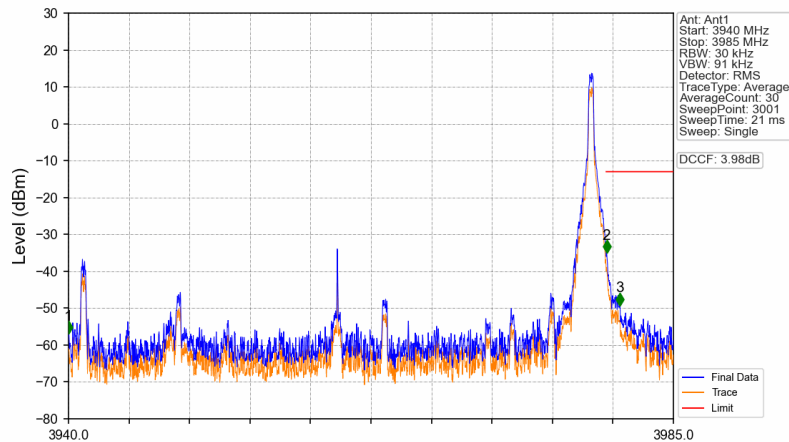
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n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3960MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3940	3980	0.03	/	1	3940.000	-57.00	-13	Pass
3980	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	2	3980.035	-34.97	-13	Pass
3981	3985	0.5	/	3	3981.025	-49.25	-13	Pass



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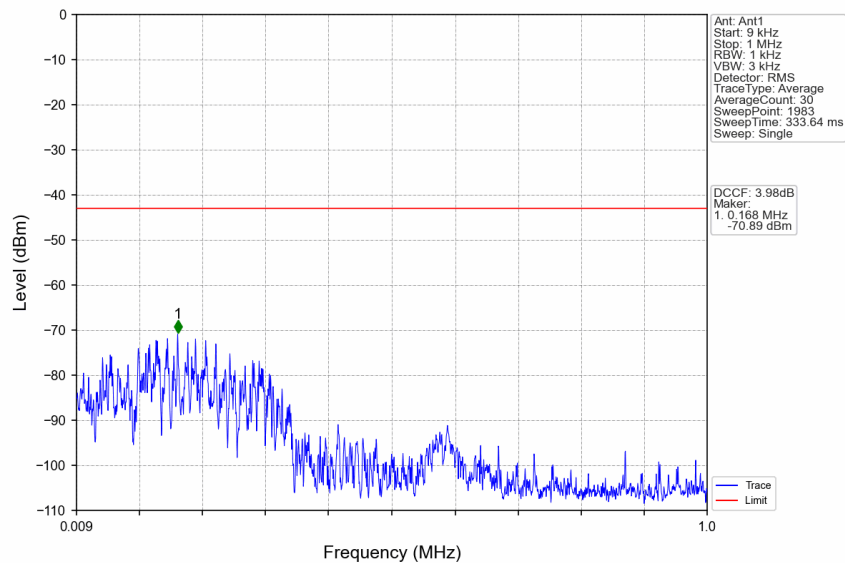


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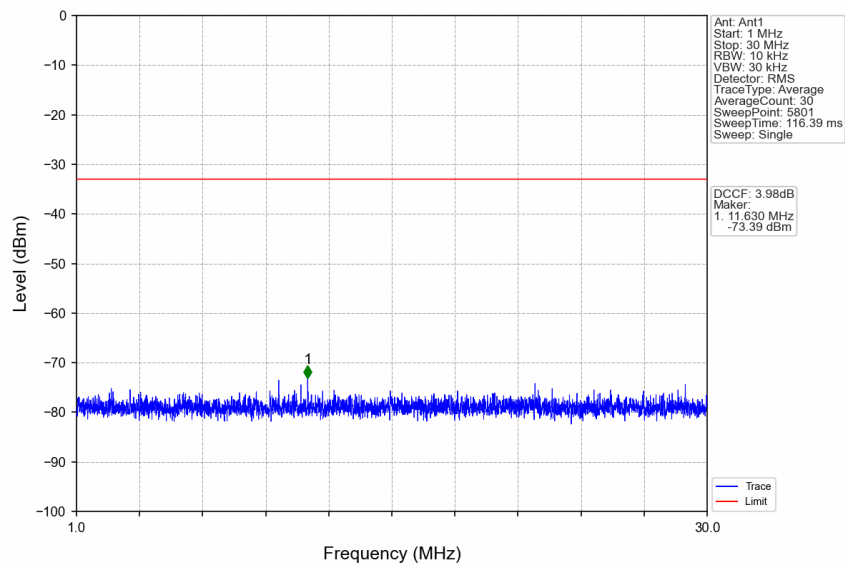
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n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3960MHz_Edge_1RB_Right



n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3960MHz_Edge_1RB_Right



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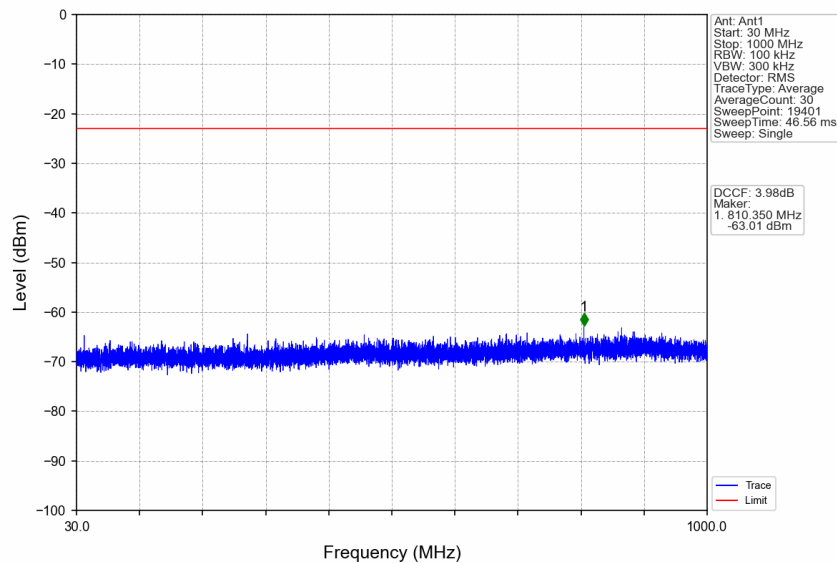


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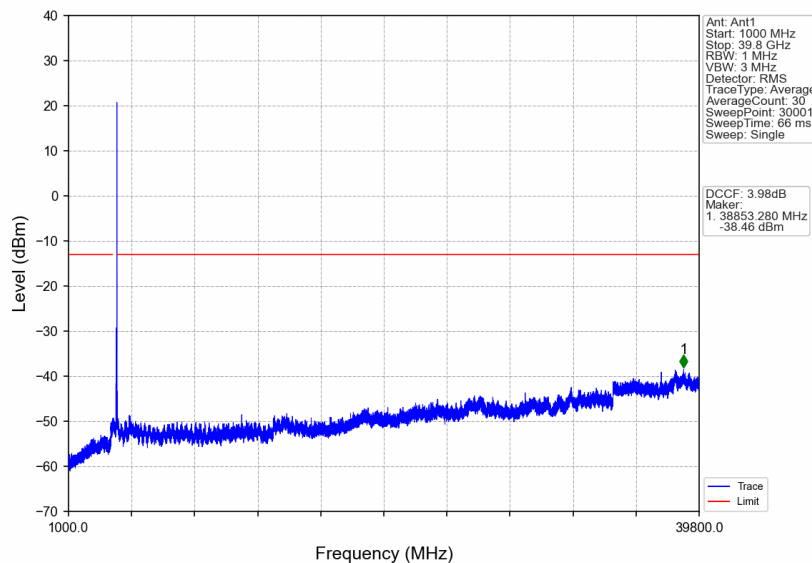
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n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3960MHz_Edge_1RB_Right



n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3960MHz_Edge_1RB_Right



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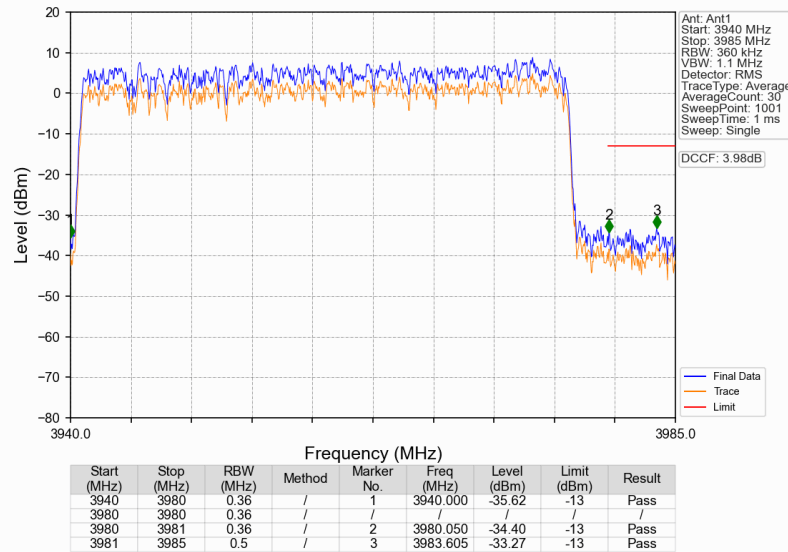
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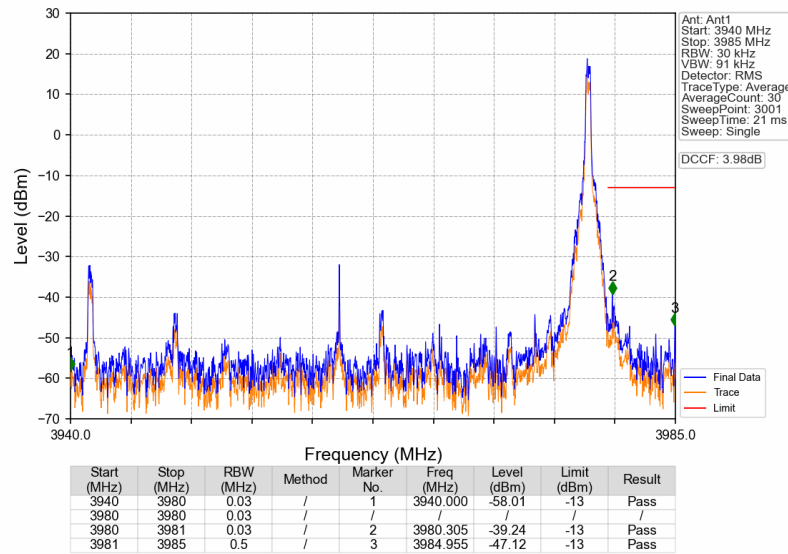
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n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3960MHz_Outer_Full



n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3960MHz_Inner_1RB_Right



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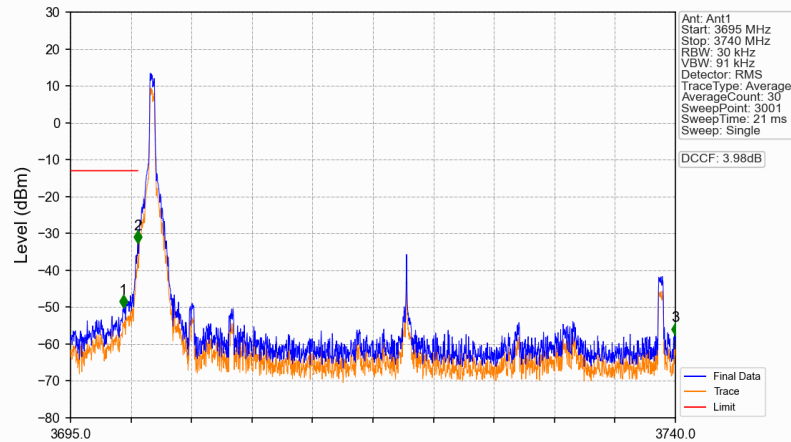
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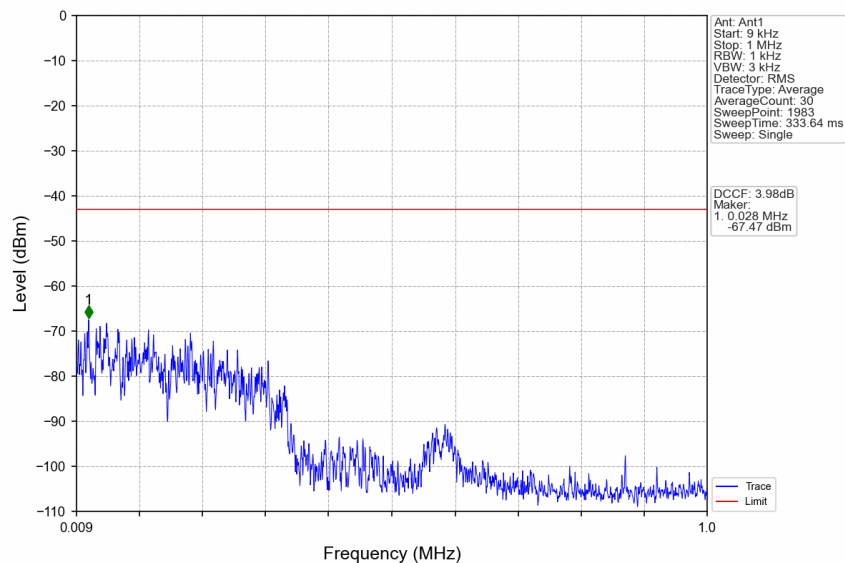
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n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3720MHz_Edge_1RB_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	/	1	3698.930	-50.13	-13	Pass
3699	3700	0.03	/	2	3699.995	-32.65	-13	Pass
3700	3740	0.03	/	3	3740.000	-57.61	-13	Pass

n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3720MHz_Edge_1RB_Left



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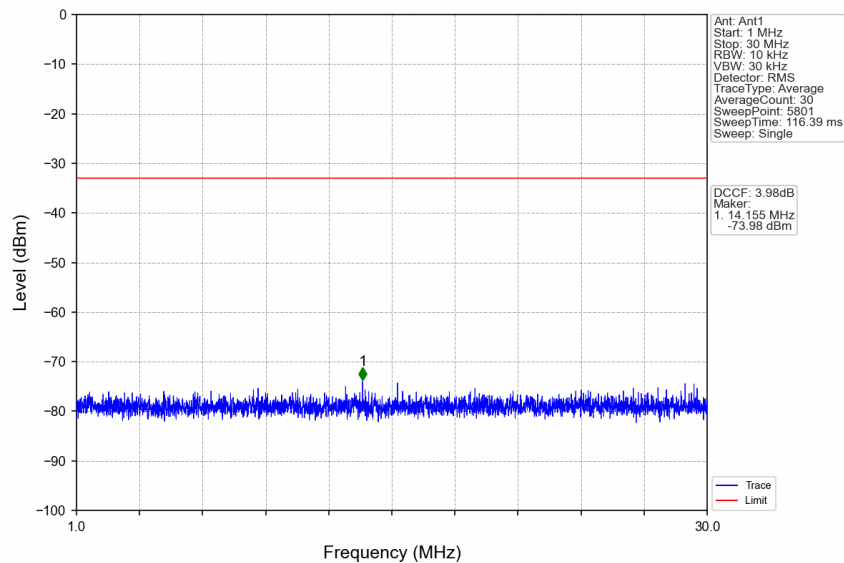


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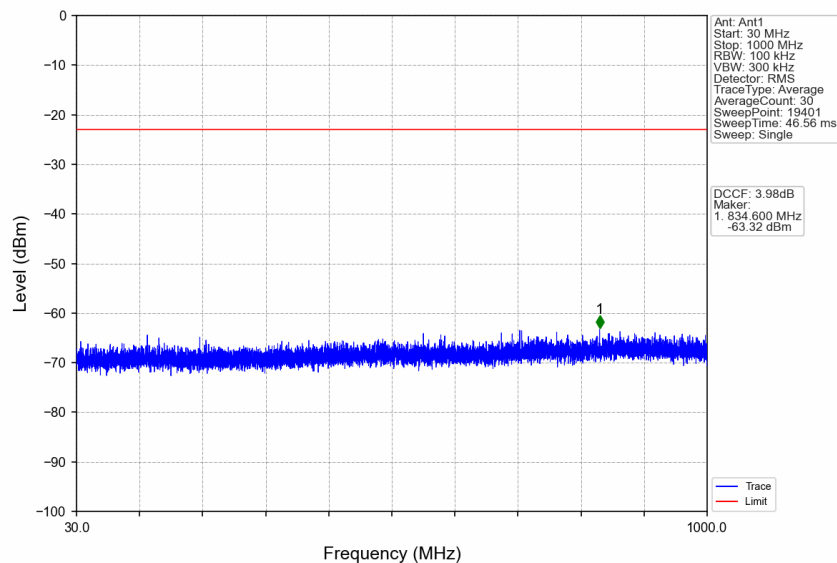
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n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3720MHz_Edge_1RB_Left



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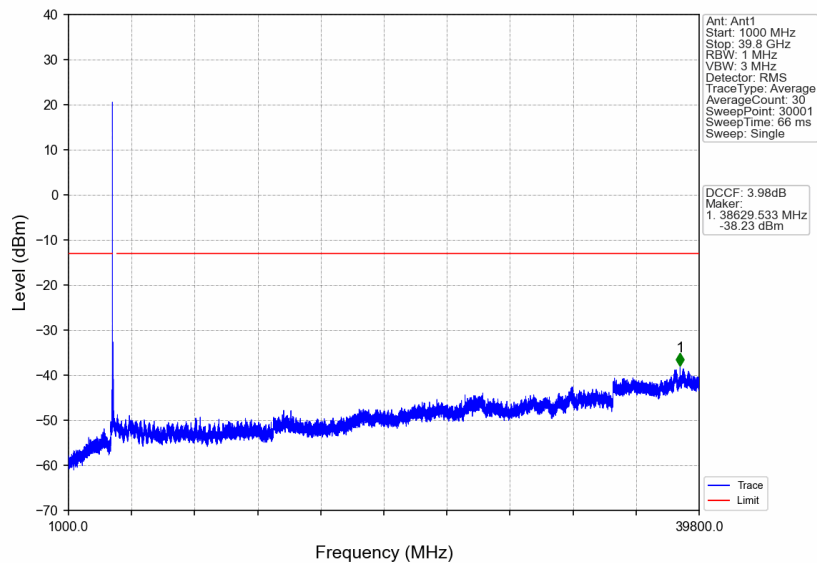


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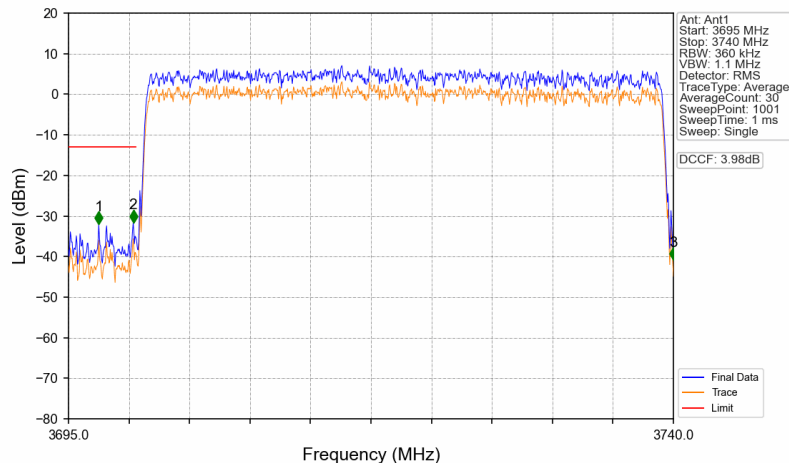
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n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3720MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	/	1	3697.250	-32.05	-13	Pass
3699	3700	0.36	/	2	3699.815	-31.61	-13	Pass
3700	3740	0.36	/	3	3740.000	-40.89	-13	Pass



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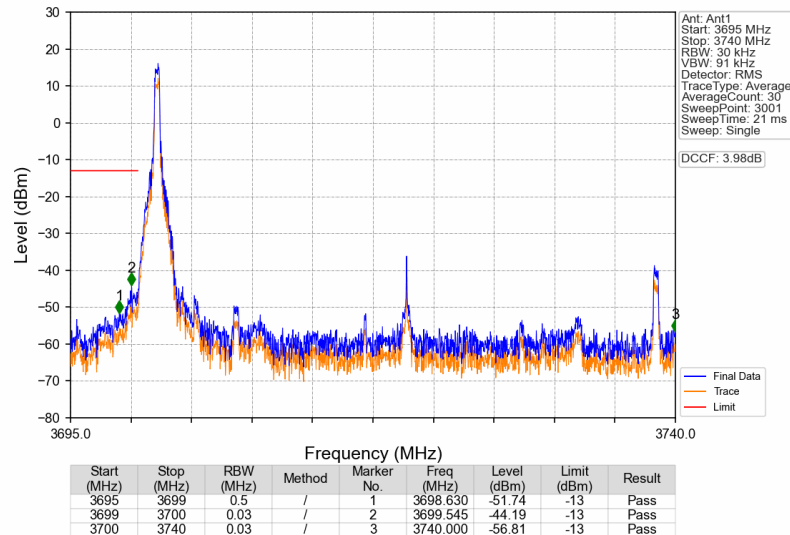
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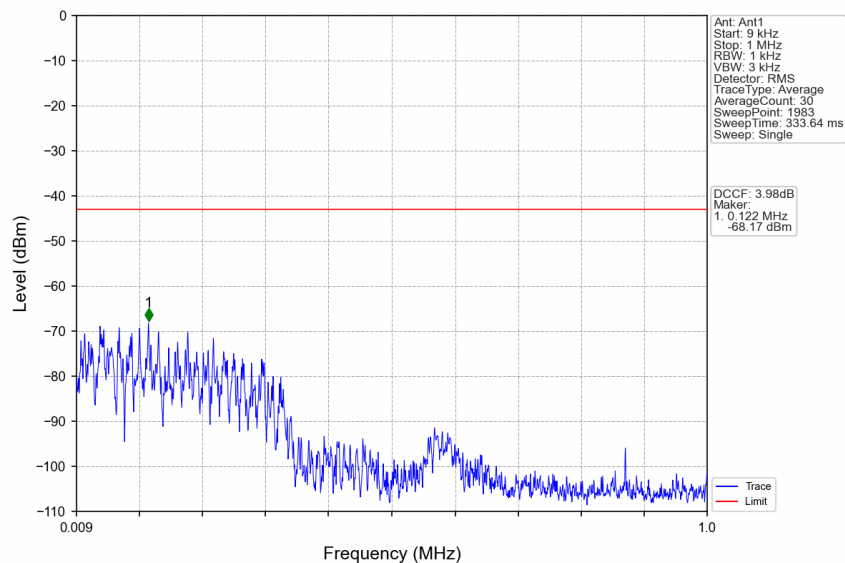
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n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3720MHz_Inner_1RB_Left



n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left



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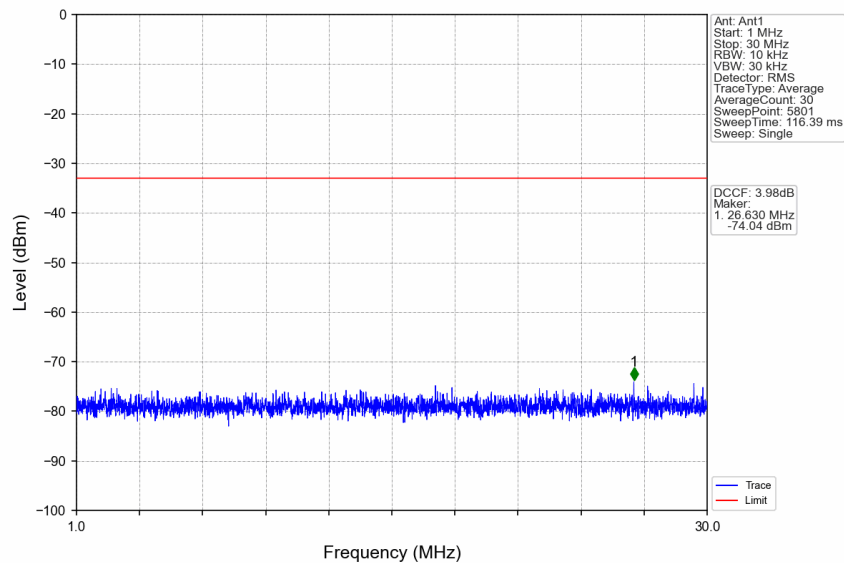


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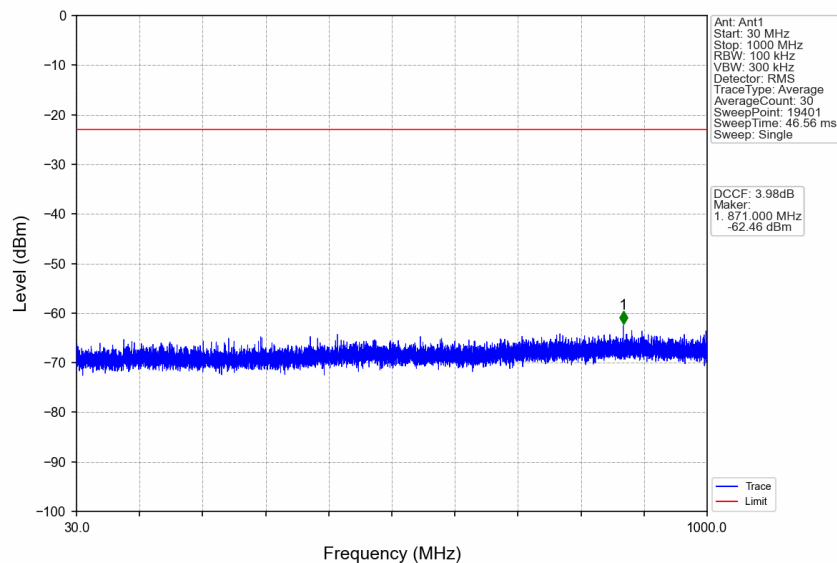
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n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left



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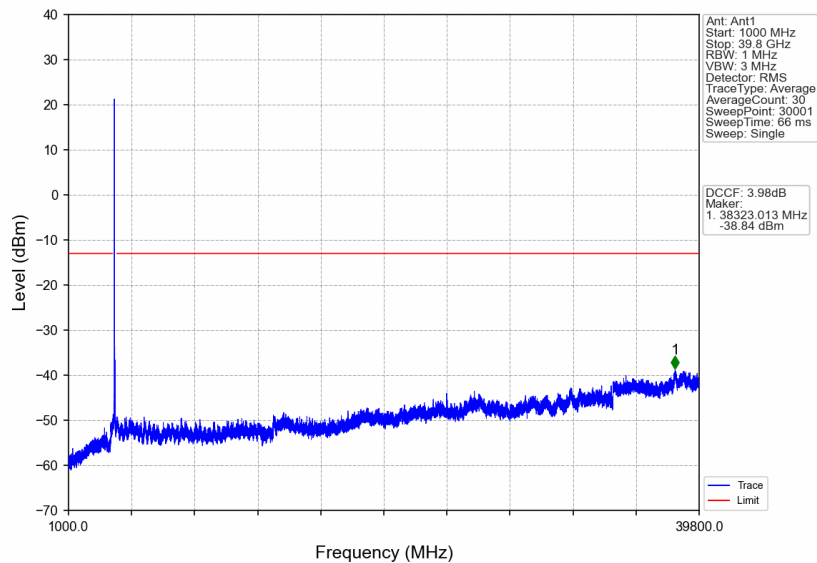
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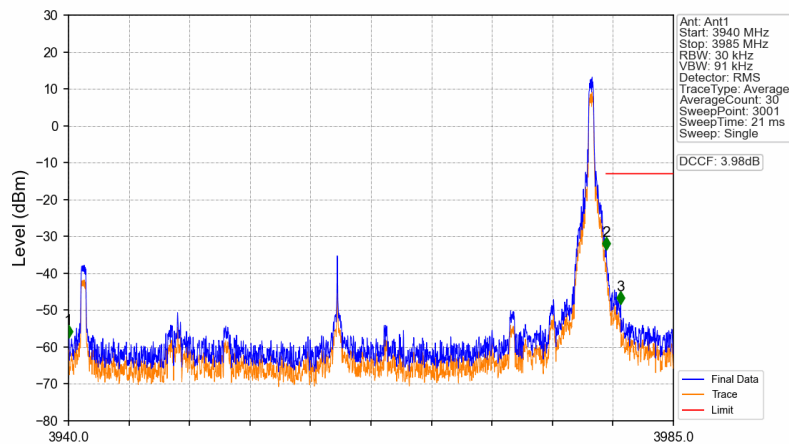
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n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3960MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3940	3980	0.03	/	1	3940.000	-57.58	-13	Pass
3980	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	2	3980.005	-33.68	-13	Pass
3981	3985	0.5	/	3	3981.070	-48.37	-13	Pass



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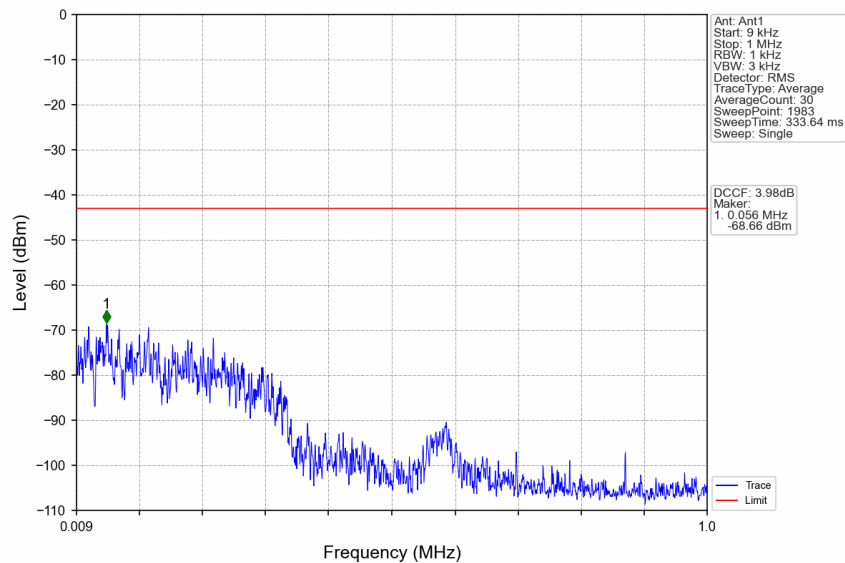


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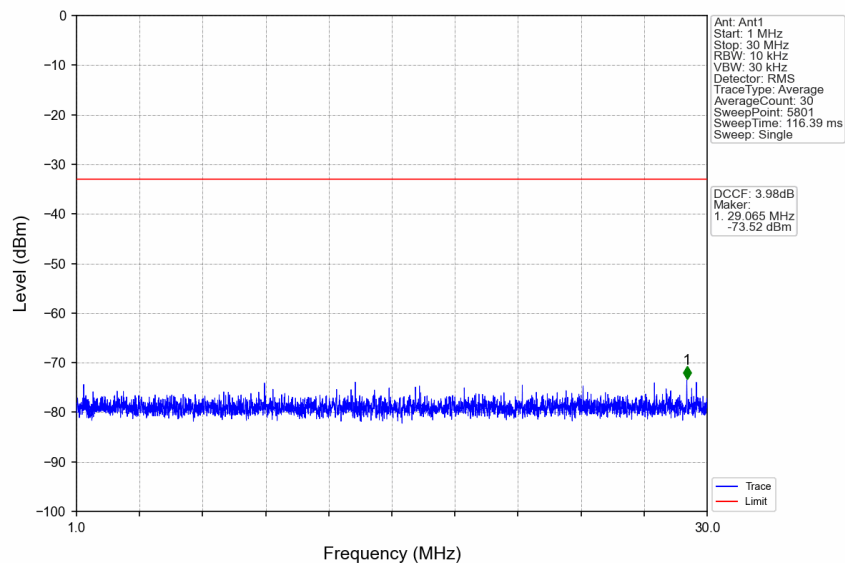
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n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3960MHz_Edge_1RB_Right



n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3960MHz_Edge_1RB_Right



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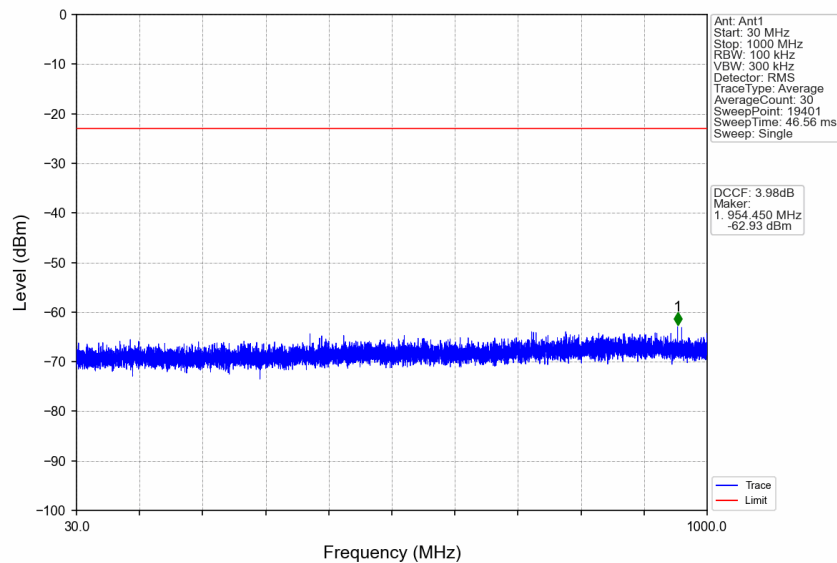


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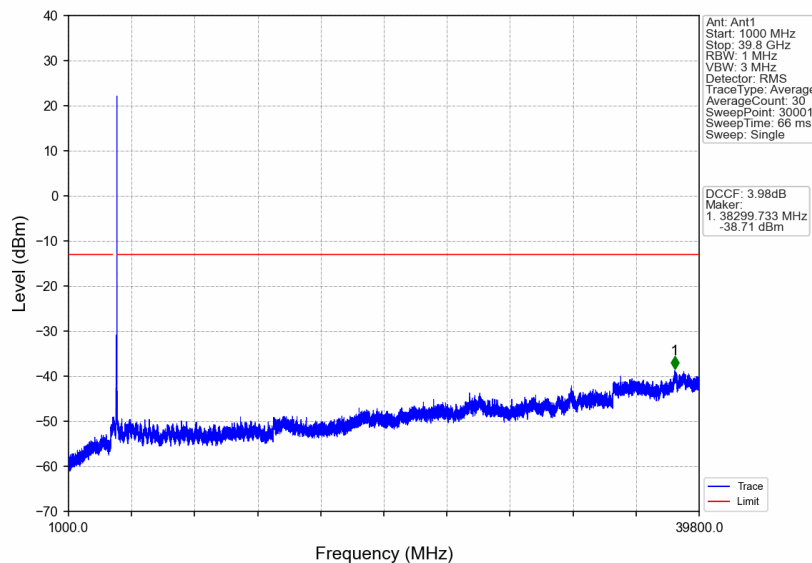
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n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3960MHz_Edge_1RB_Right



n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3960MHz_Edge_1RB_Right



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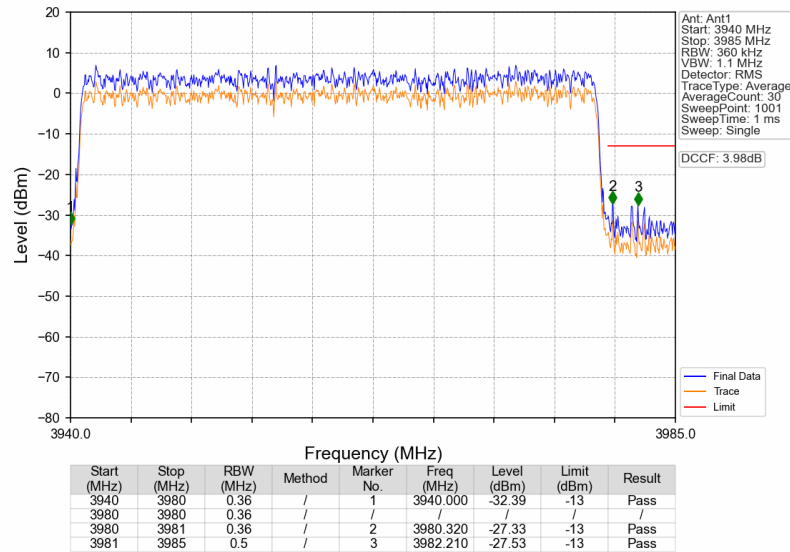


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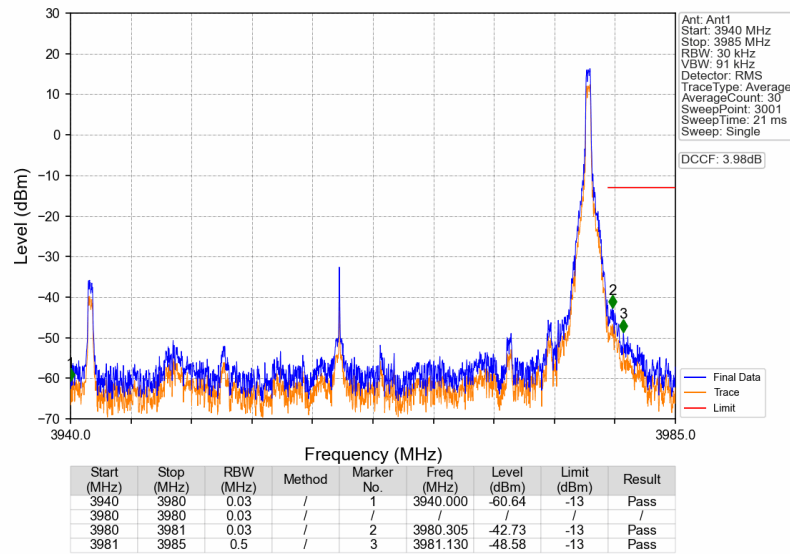
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n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3960MHz_Outer_Full



n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3960MHz_Inner_1RB_Right



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6.14 30k_SISO_50MHz_NTNV

6.14.1 Test Result

5G NR n77a SCS=30kHz SISO 50MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3725.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3840	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3725.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3840	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
CP-OFDM QPSK	3725.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3840	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass



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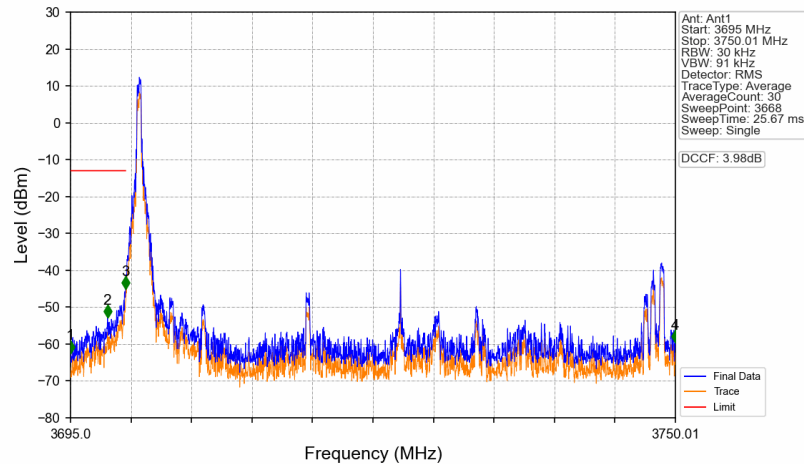
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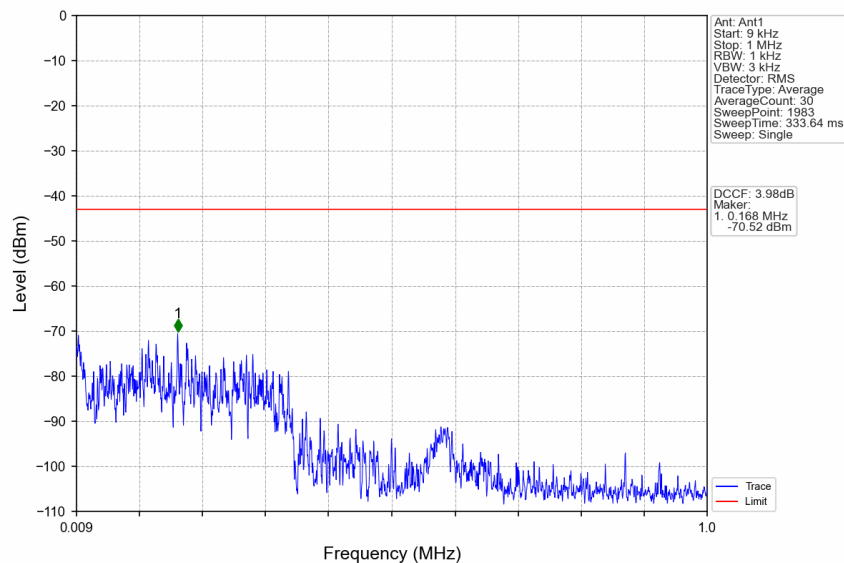
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6.14.2 Test Graph

n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3725.01MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3725.01MHz_Edge_1RB_Left



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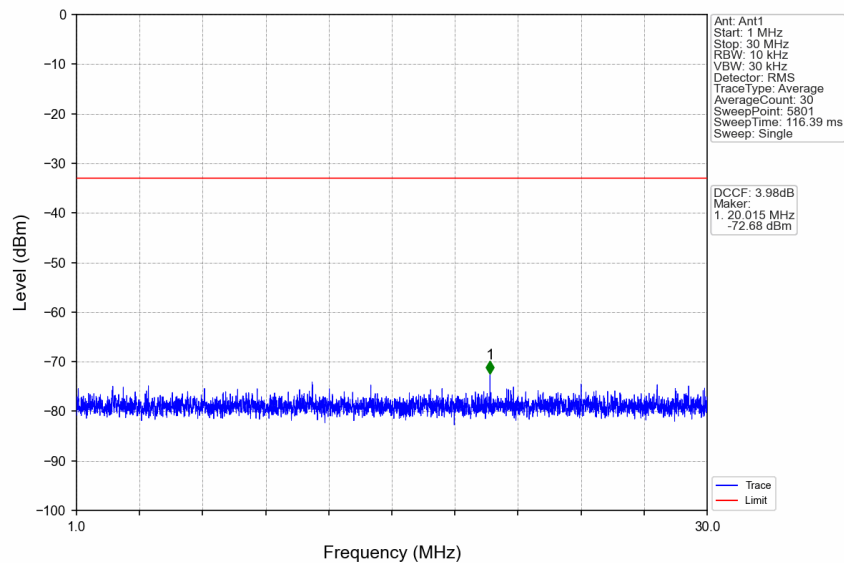
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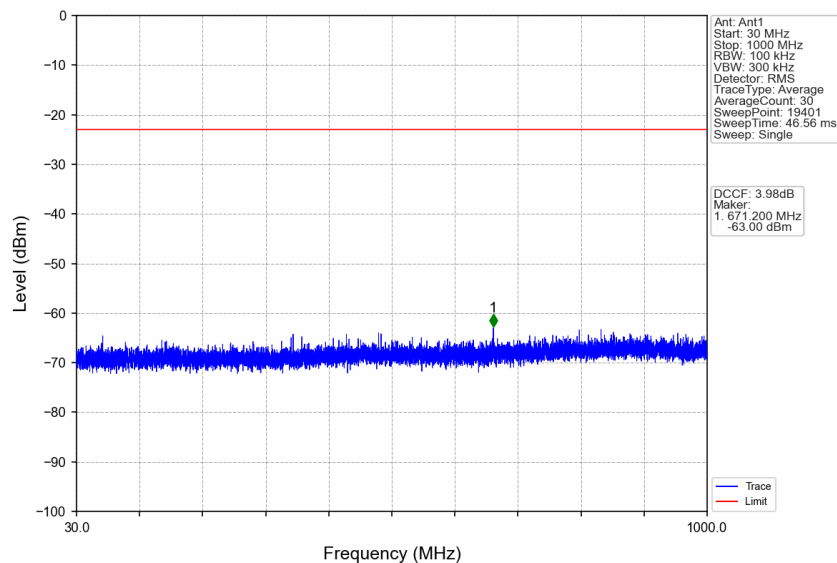
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n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM Pi/2 BPSK_3725.01MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM Pi/2 BPSK_3725.01MHz_Edge_1RB_Left



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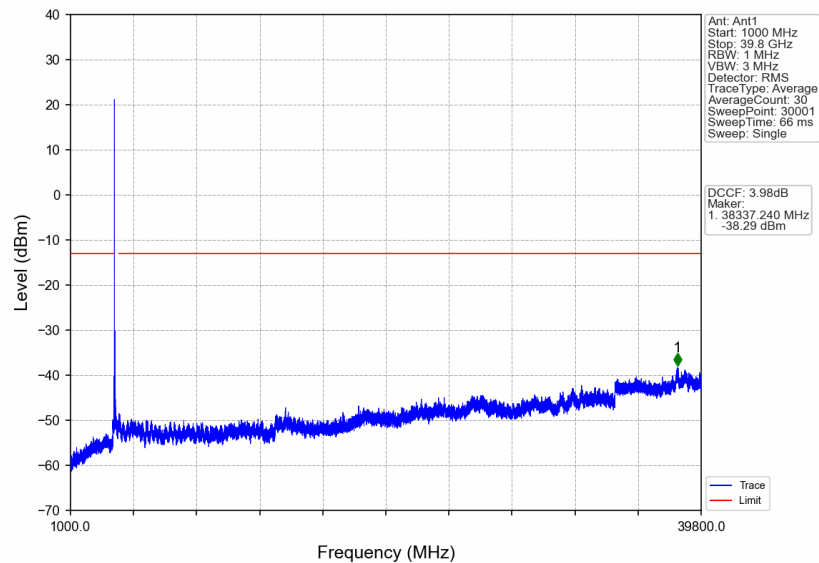


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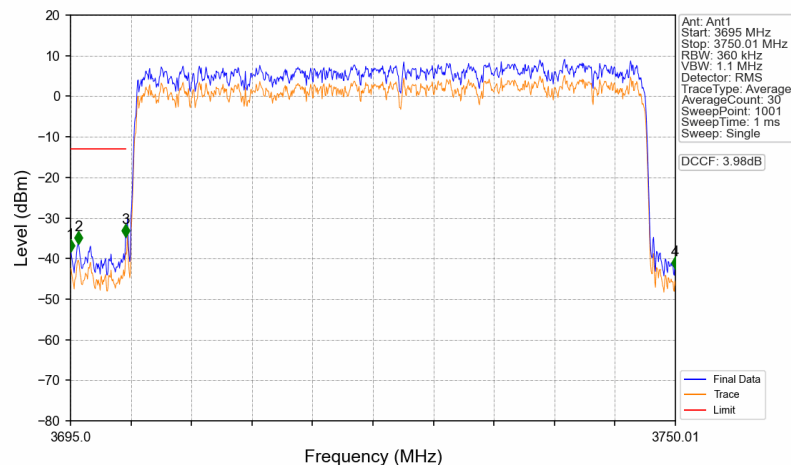
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n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3725.01MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	/	1	3695.000	-38.46	-13	Pass
3695.01	3699.01	0.5	/	2	3695.715	-36.45	-13	Pass
3699.01	3700.01	0.36	/	3	3700.006	-34.68	-13	Pass
3700.01	3750.01	0.36	/	4	3750.010	-42.65	-13	Pass



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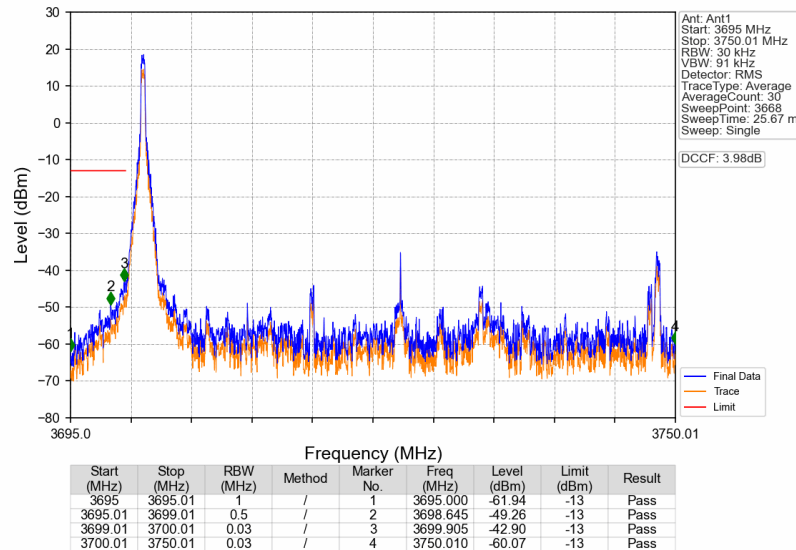
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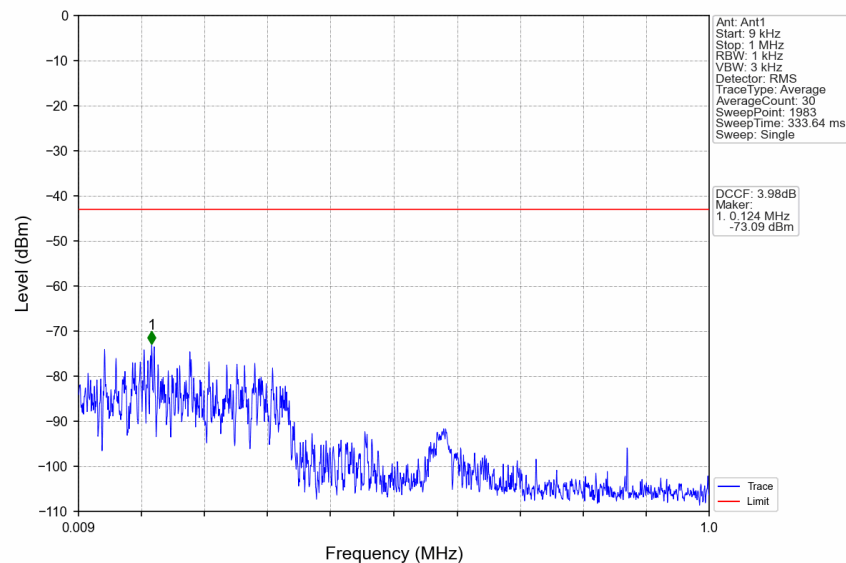
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n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK 3725.01MHz_Inner_1RB_Left



n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK 3840MHz_Edge_1RB_Left



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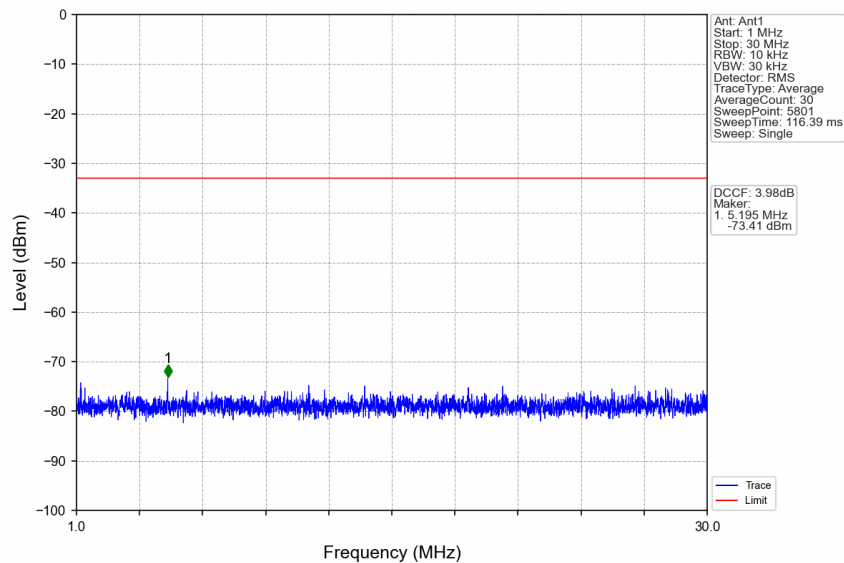


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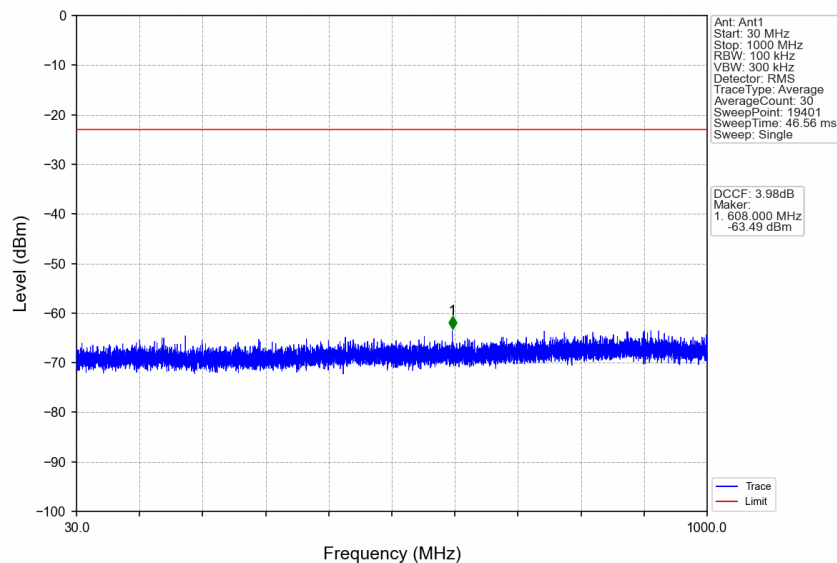
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n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3840MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3840MHz_Edge_1RB_Left



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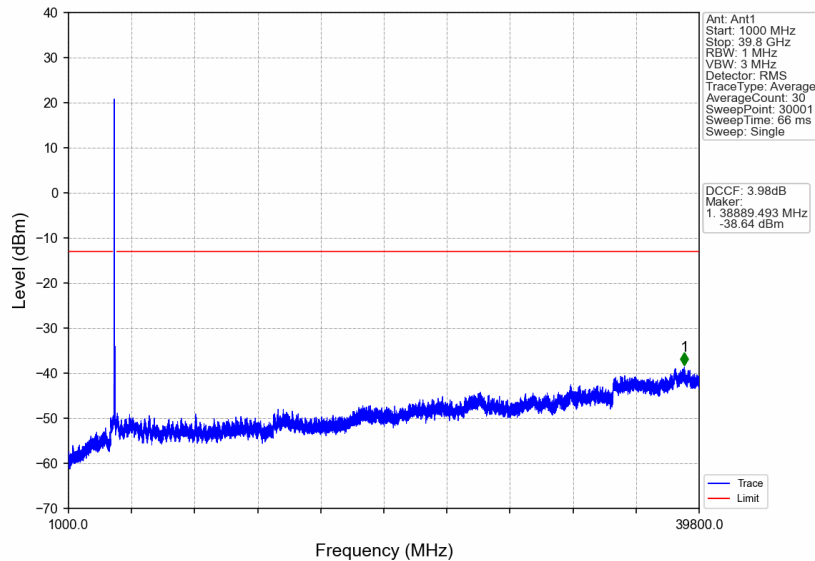
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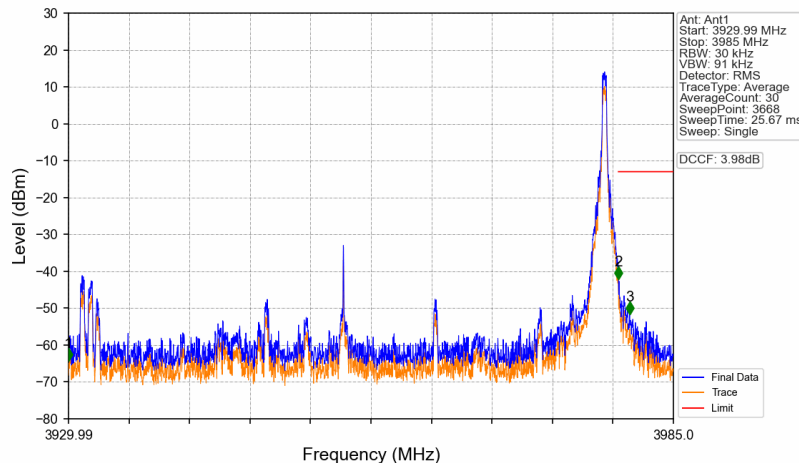
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n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3840MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3954.99MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3929.99	3979.99	0.03	/	1	3929.990	-64.22	-13	Pass
3979.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	2	3980.005	-42.16	-13	Pass
3980.99	3984.99	0.5	/	3	3981.025	-51.65	-13	Pass



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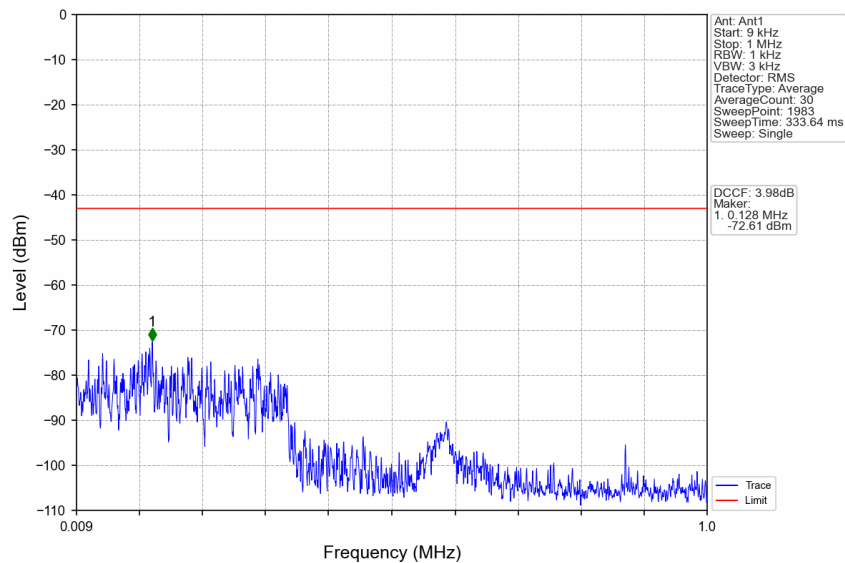


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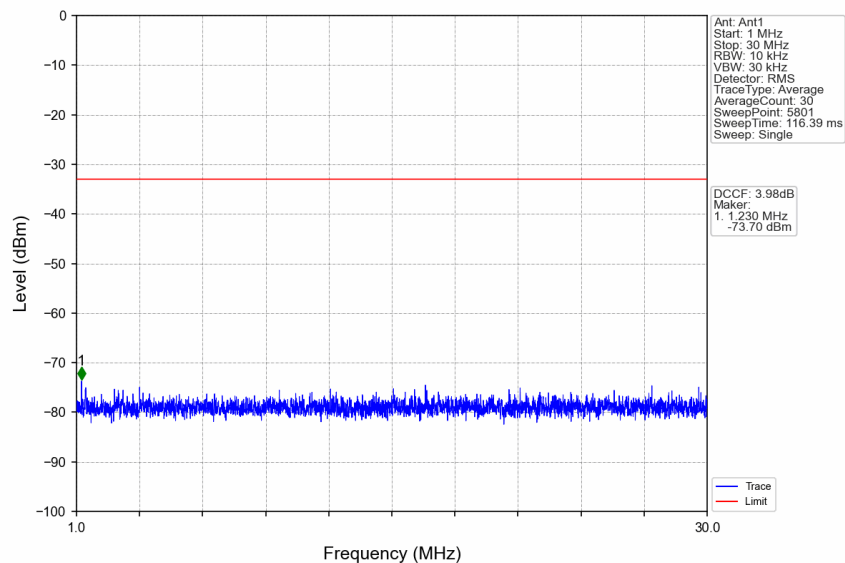
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n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3954.99MHz_Edge_1RB_Right



n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3954.99MHz_Edge_1RB_Right



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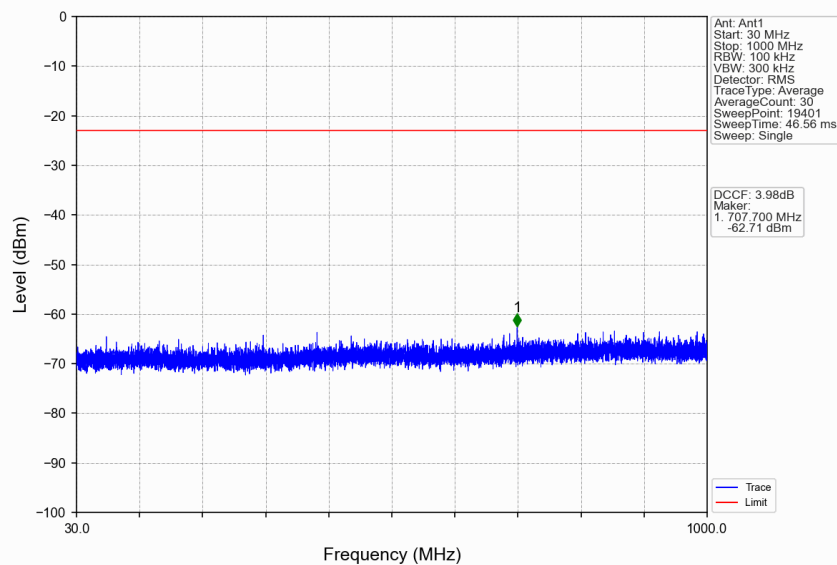


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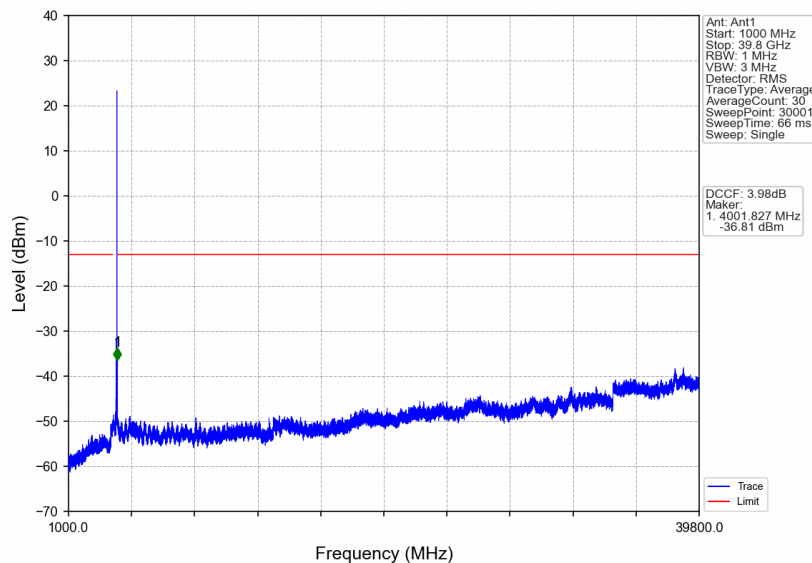
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n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3954.99MHz_Edge_1RB_Right



n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3954.99MHz_Edge_1RB_Right



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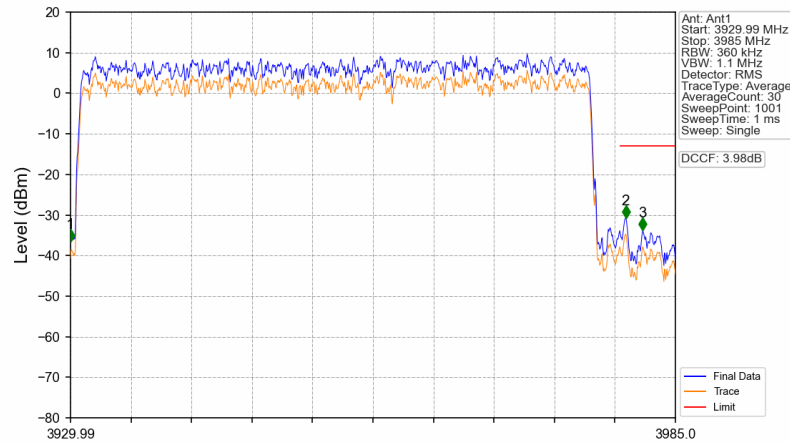


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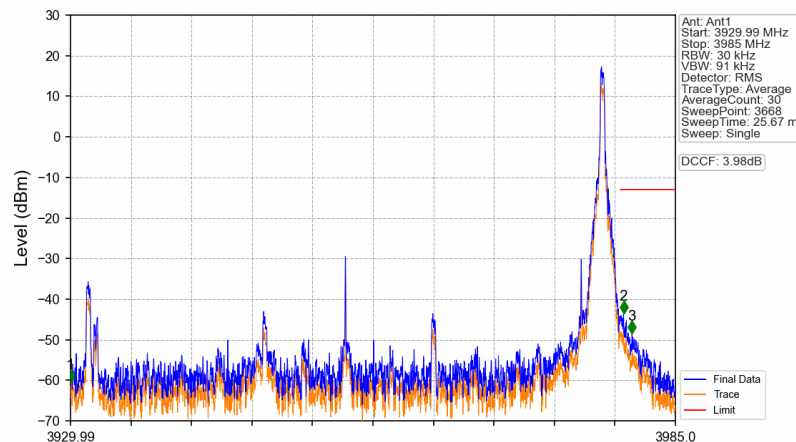
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n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3954.99MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3929.99	3979.99	0.36	/	1	3929.990	-36.68	-13	Pass
3979.99	3979.99	0.36	/	/	/	/	/	/
3979.99	3980.99	0.36	/	2	3980.489	-30.76	-13	Pass
3980.99	3984.99	0.5	/	3	3982.029	-33.85	-13	Pass

n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3954.99MHz_Inner_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3929.99	3979.99	0.03	/	1	3929.990	-60.43	-13	Pass
3979.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	2	3980.290	-43.53	-13	Pass
3980.99	3984.99	0.5	/	3	3981.055	-48.46	-13	Pass



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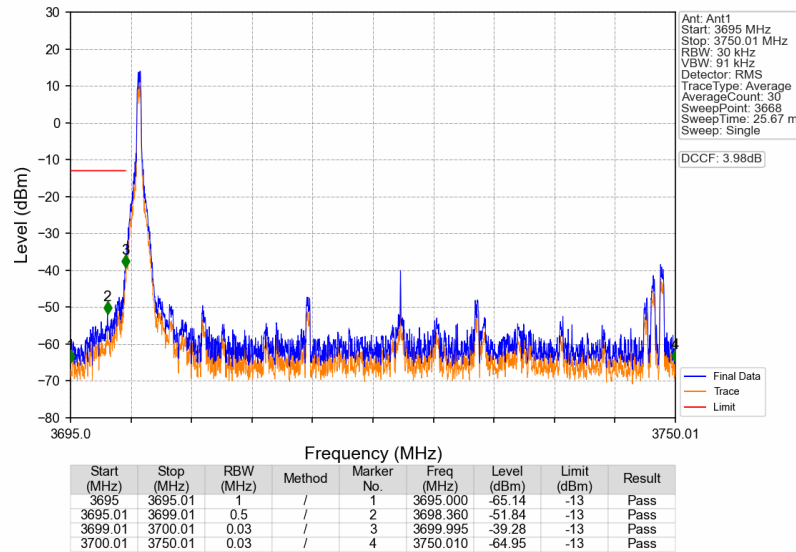


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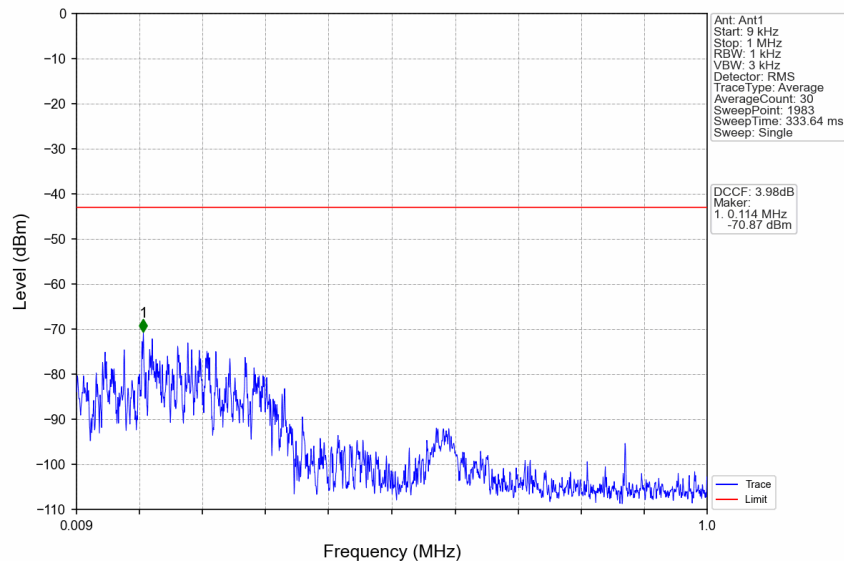
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n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3725.01MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3725.01MHz_Edge_1RB_Left



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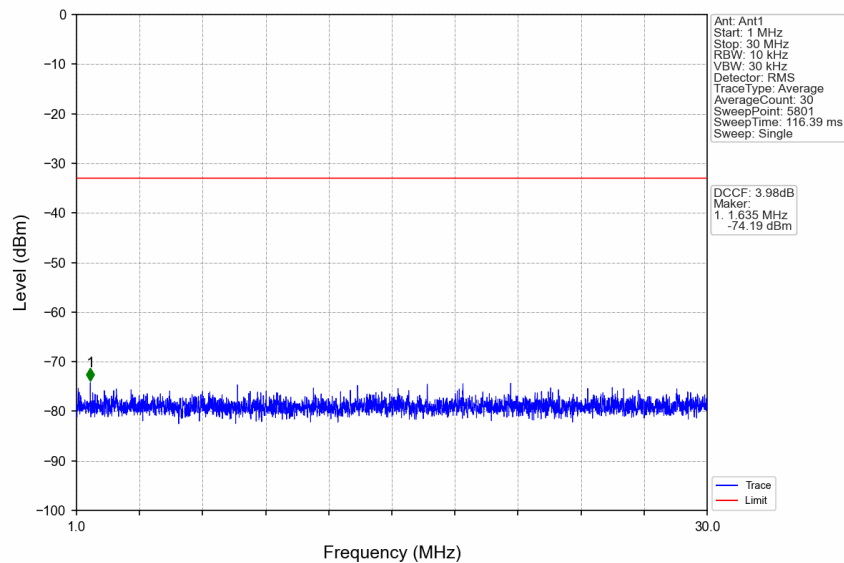


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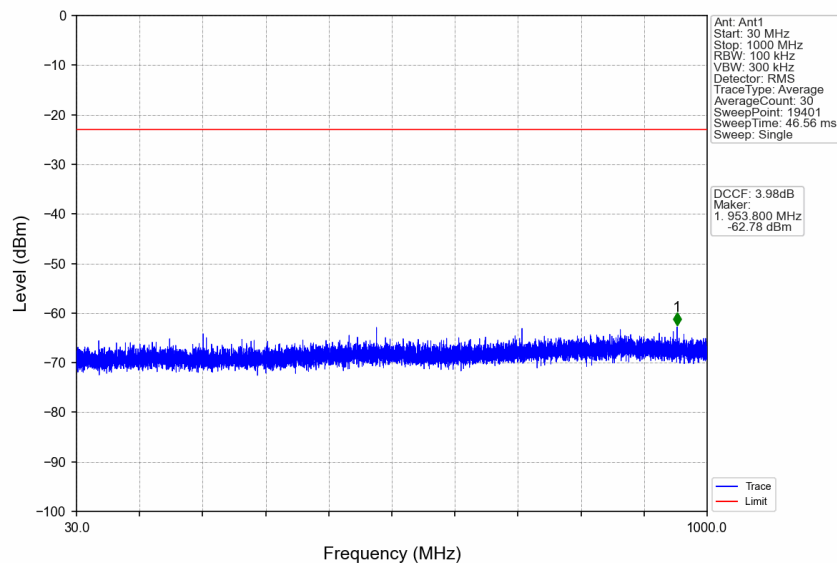
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n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3725.01MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3725.01MHz_Edge_1RB_Left



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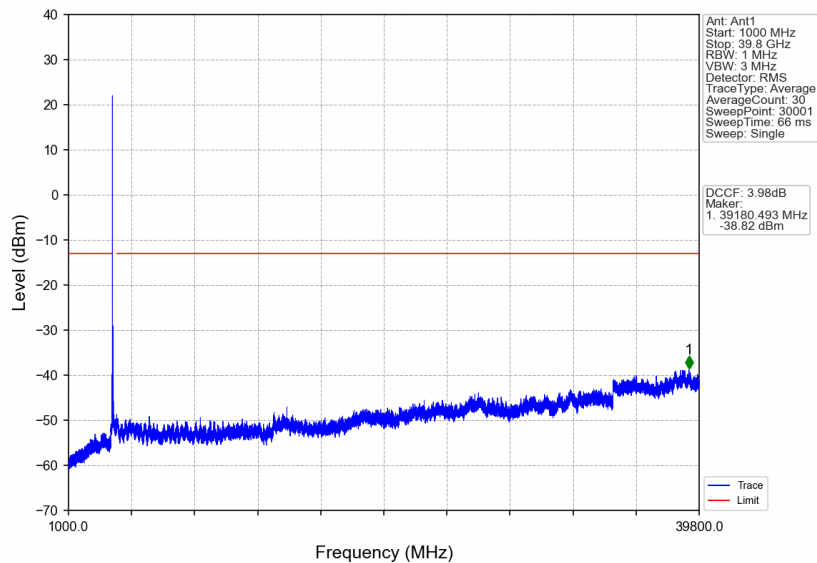


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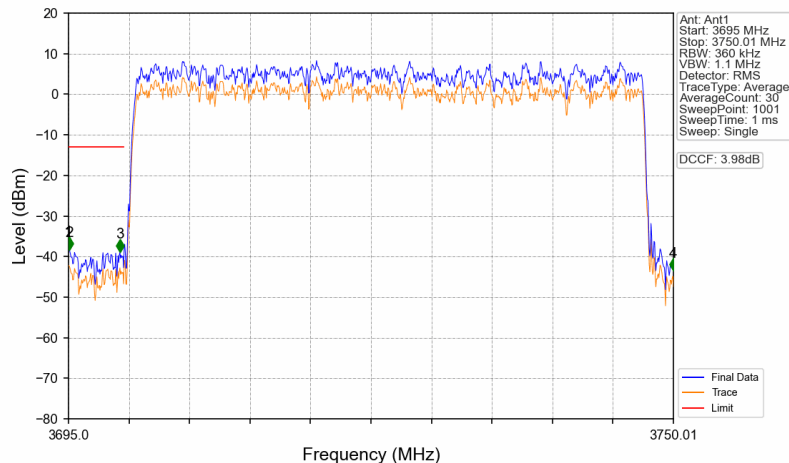
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n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3725.01MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3725.01MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	/	1	3695.000	-38.20	-13	Pass
3695.01	3699.01	0.5	/	2	3695.055	-38.33	-13	Pass
3699.01	3700.01	0.36	/	3	3699.676	-38.82	-13	Pass
3700.01	3750.01	0.36	/	4	3750.010	-43.50	-13	Pass



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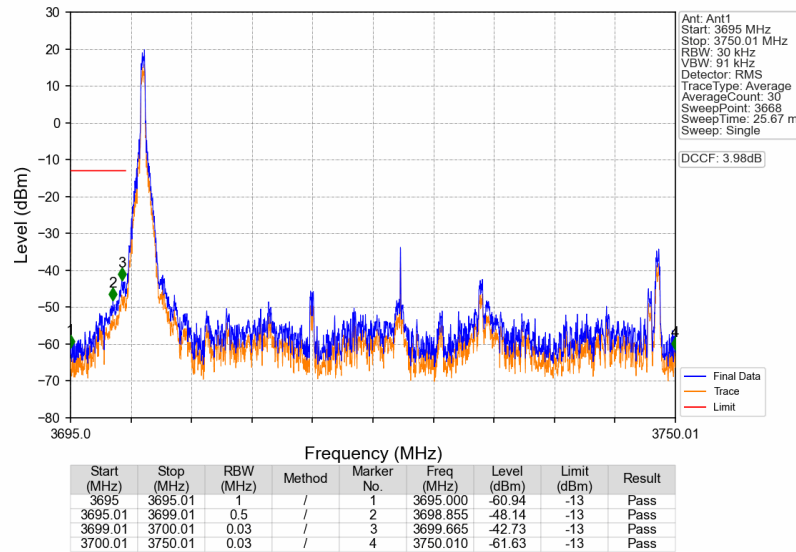
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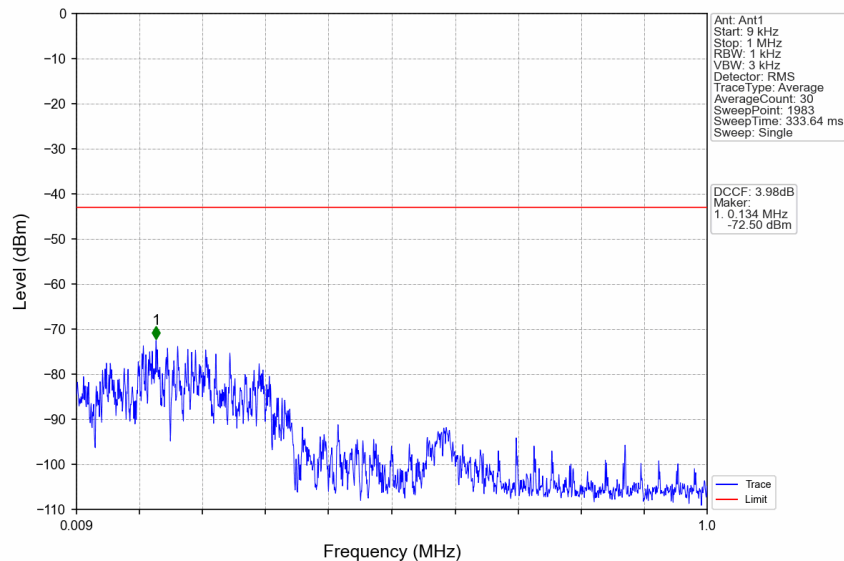
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n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3725.01MHz_Inner_1RB_Left



n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left



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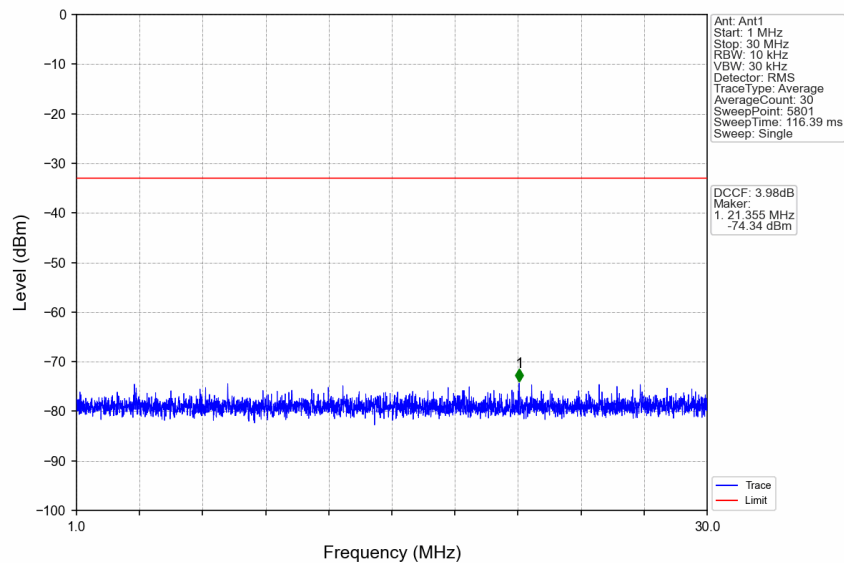


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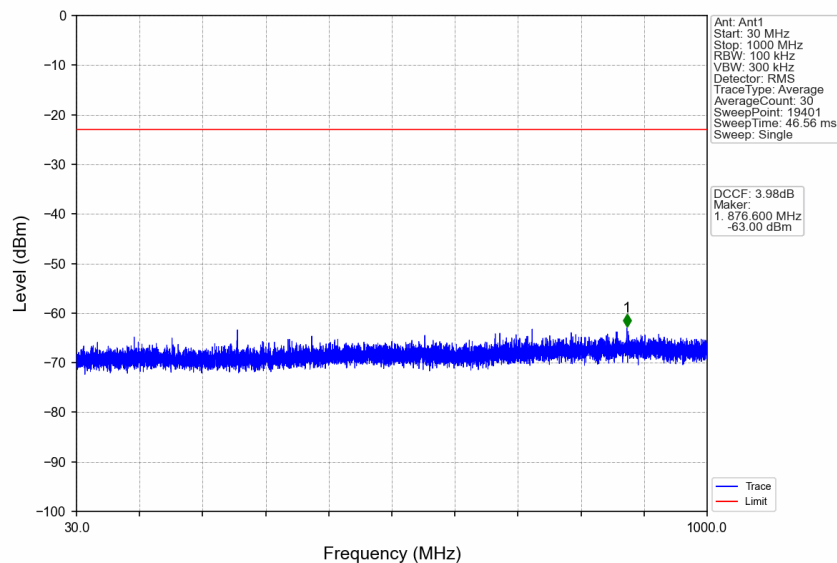
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n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left



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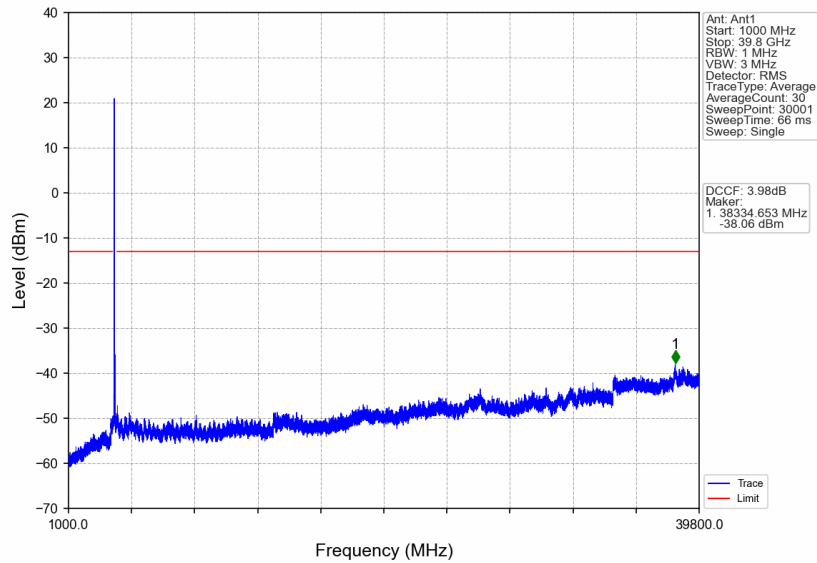


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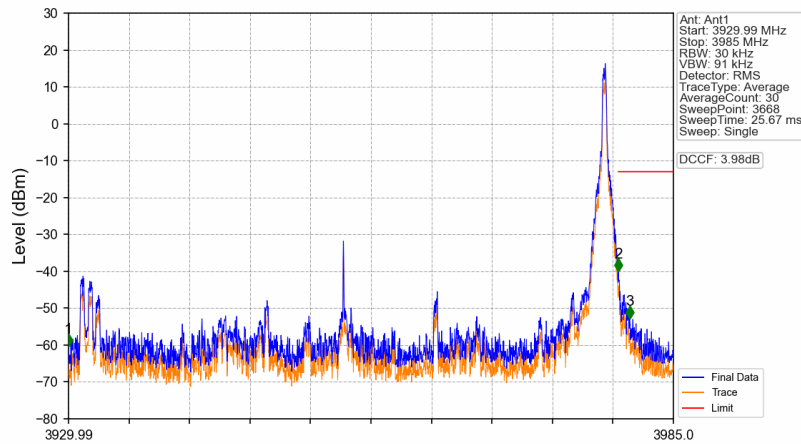
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n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3954.99MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3929.99	3979.99	0.03	/	1	3929.990	-60.35	-13	Pass
3979.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	2	3980.005	-40.06	-13	Pass
3980.99	3984.99	0.5	/	3	3981.025	-52.85	-13	Pass



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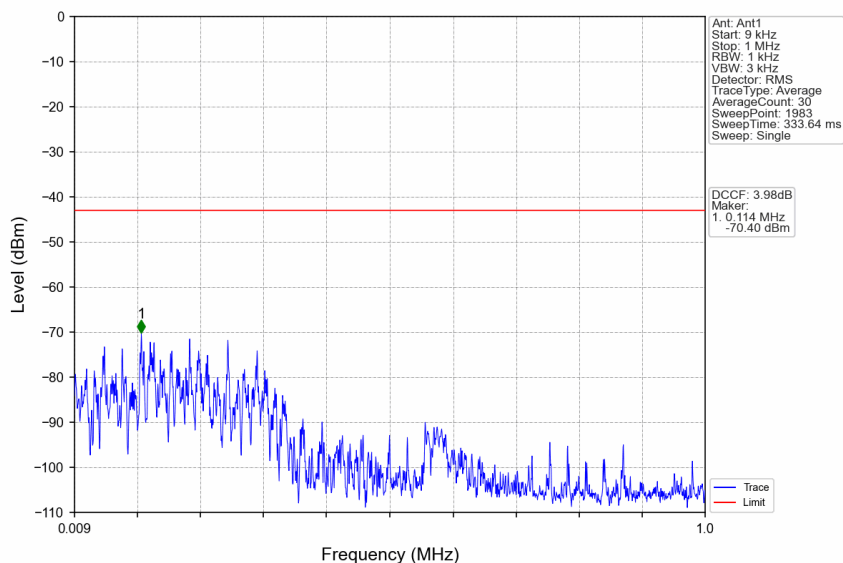


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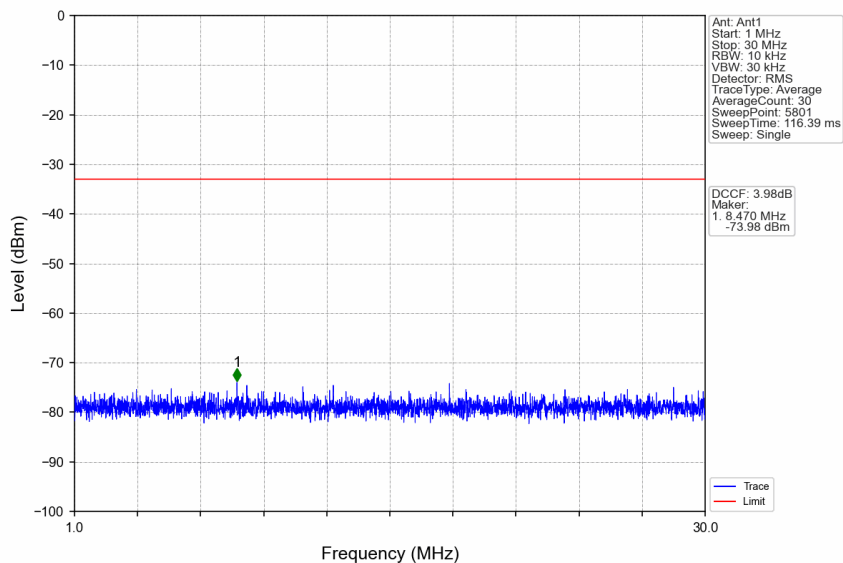
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n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3954.99MHz_Edge_1RB_Right



n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3954.99MHz_Edge_1RB_Right



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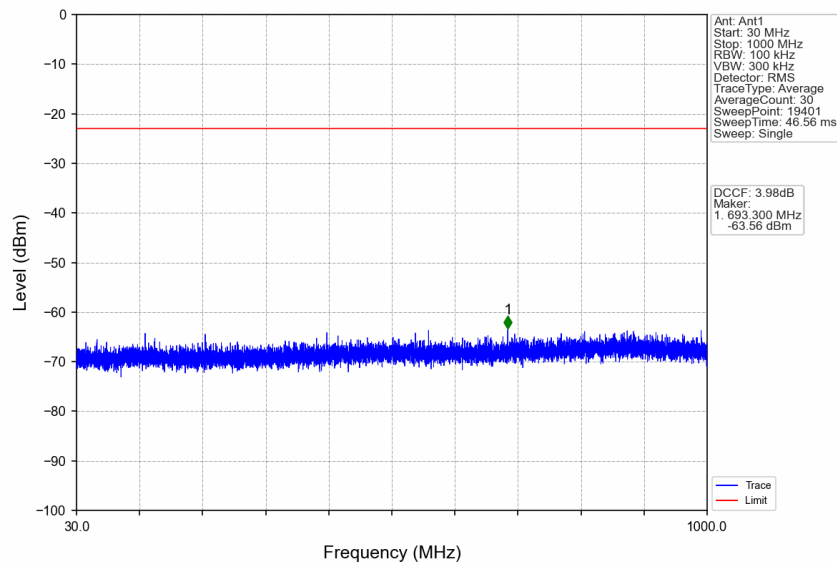
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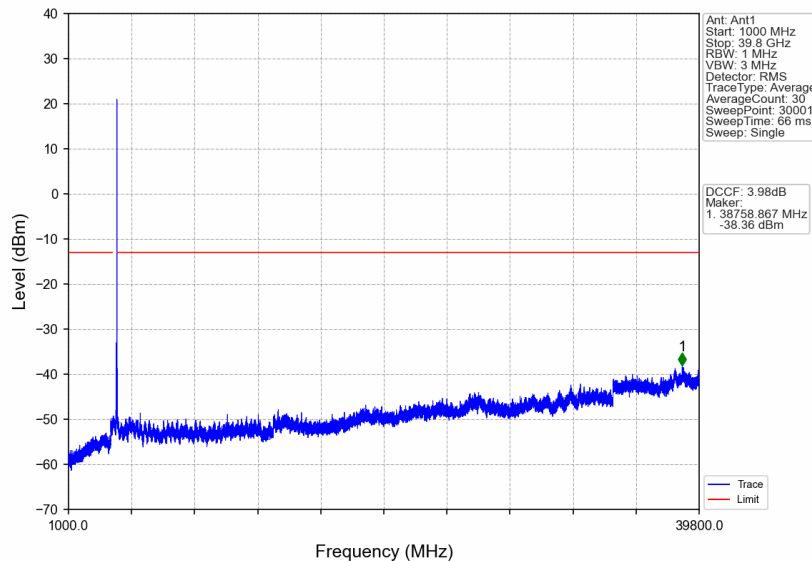
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n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3954.99MHz_Edge_1RB_Right



n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3954.99MHz_Edge_1RB_Right



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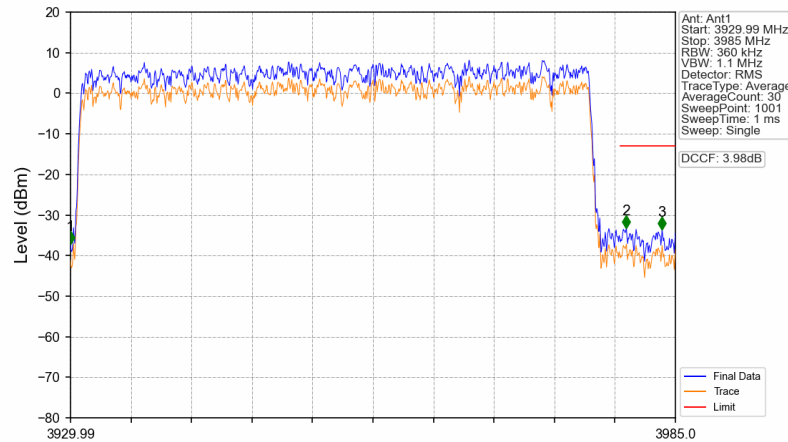


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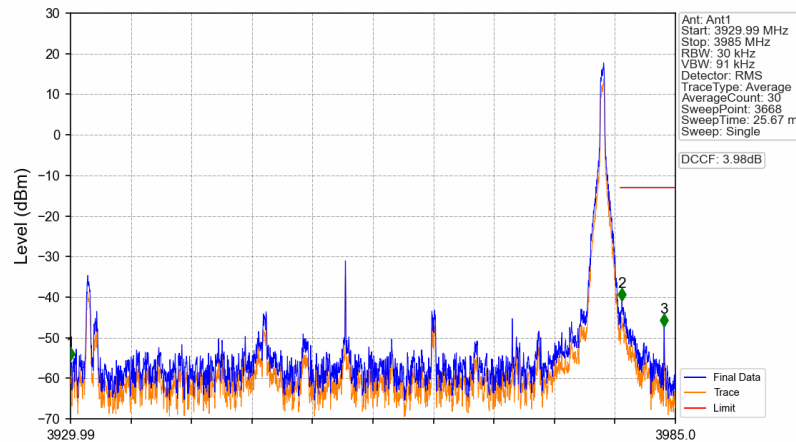
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n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3954.99MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3929.99	3979.99	0.36	/	1	3929.990	-37.09	-13	Pass
3979.99	3979.99	0.36	/	/	/	/	/	/
3979.99	3980.99	0.36	/	2	3980.544	-33.21	-13	Pass
3980.99	3984.99	0.5	/	3	3983.790	-33.56	-13	Pass

n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3954.99MHz_Inner_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3929.99	3979.99	0.03	/	1	3929.990	-55.53	-13	Pass
3979.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	2	3980.140	-40.97	-13	Pass
3980.99	3984.99	0.5	/	3	3983.965	-47.25	-13	Pass



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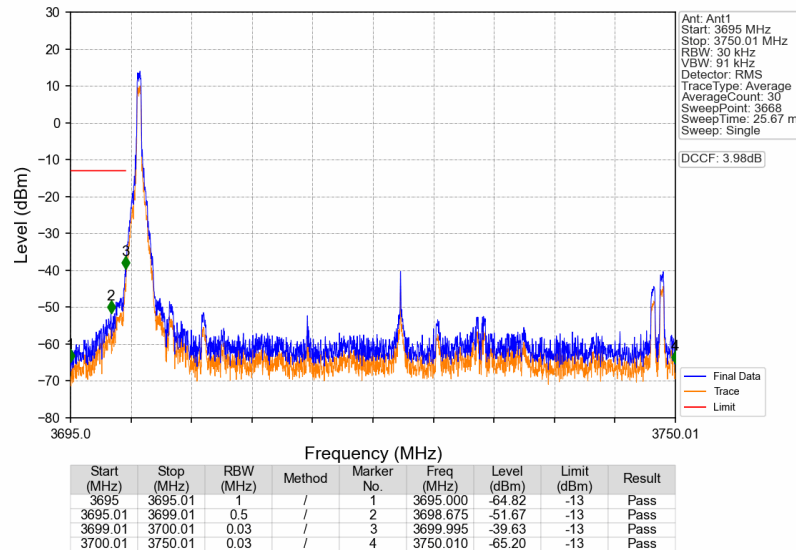


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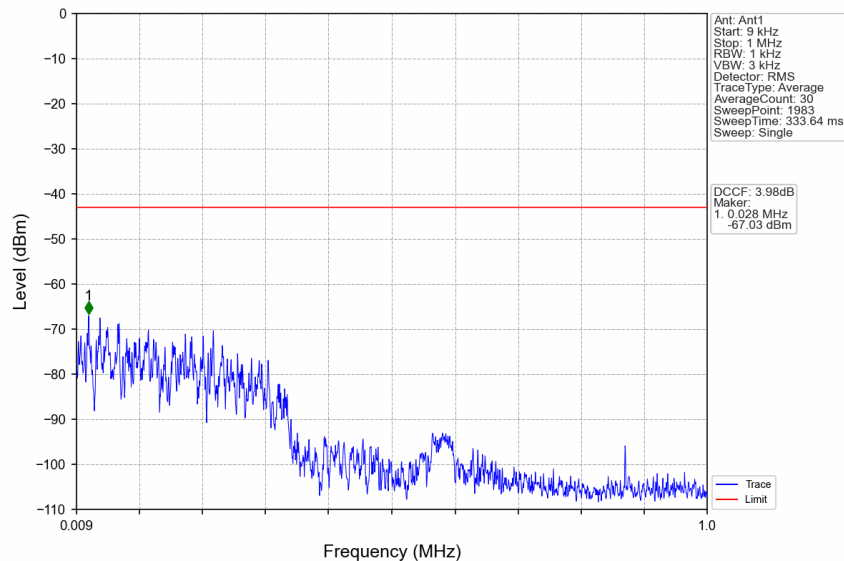
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n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3725.01MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3725.01MHz_Edge_1RB_Left



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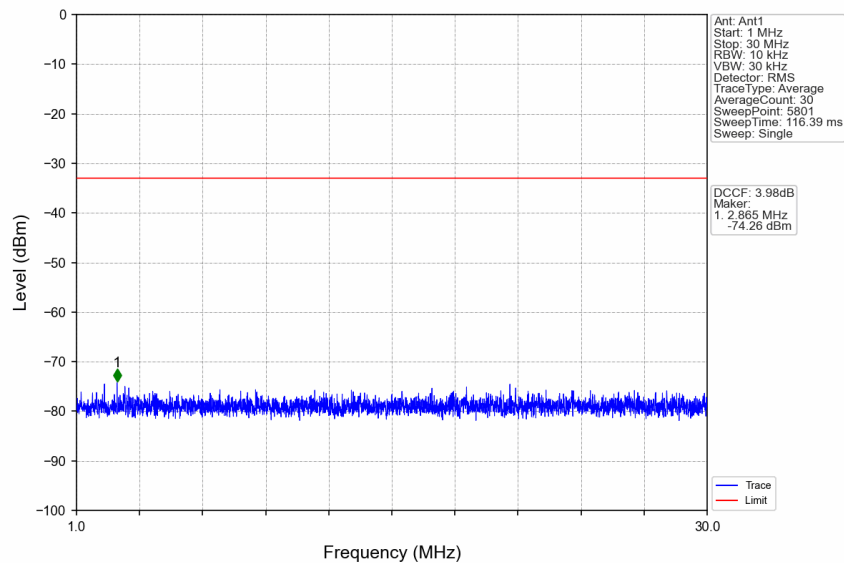


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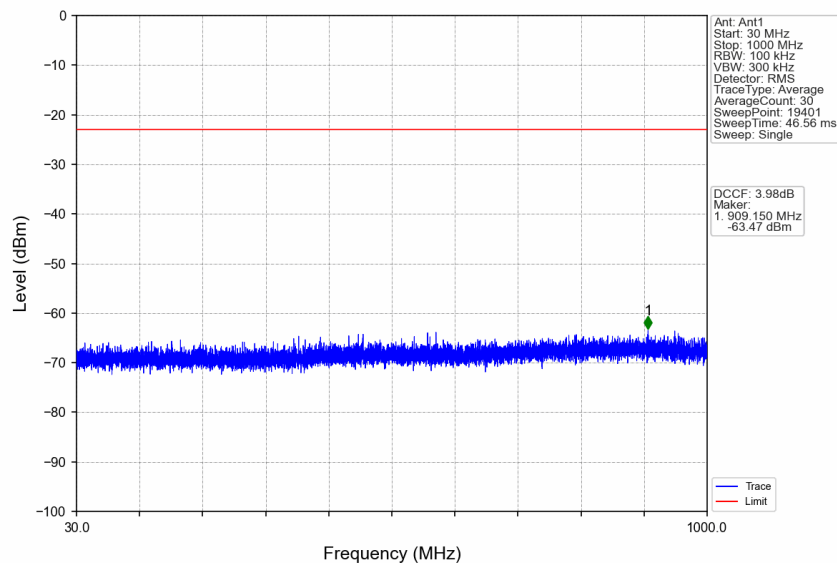
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n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3725.01MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3725.01MHz_Edge_1RB_Left



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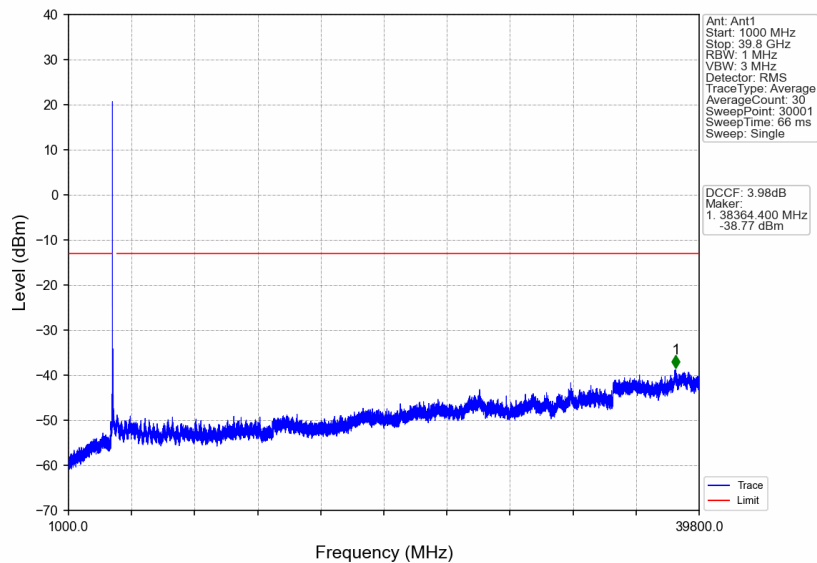


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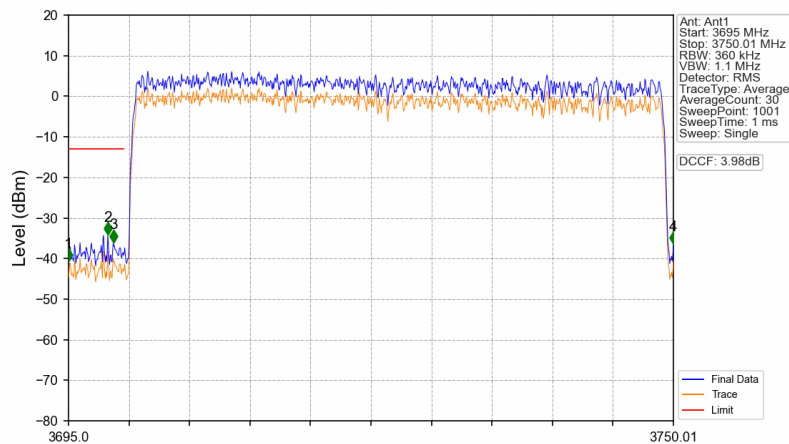
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n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3725.01MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3725.01MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	/	1	3695.000	-40.75	-13	Pass
3695.01	3699.01	0.5	/	2	3698.576	-34.15	-13	Pass
3699.01	3700.01	0.36	/	3	3699.071	-35.99	-13	Pass
3700.01	3750.01	0.36	/	4	3750.010	-36.46	-13	Pass



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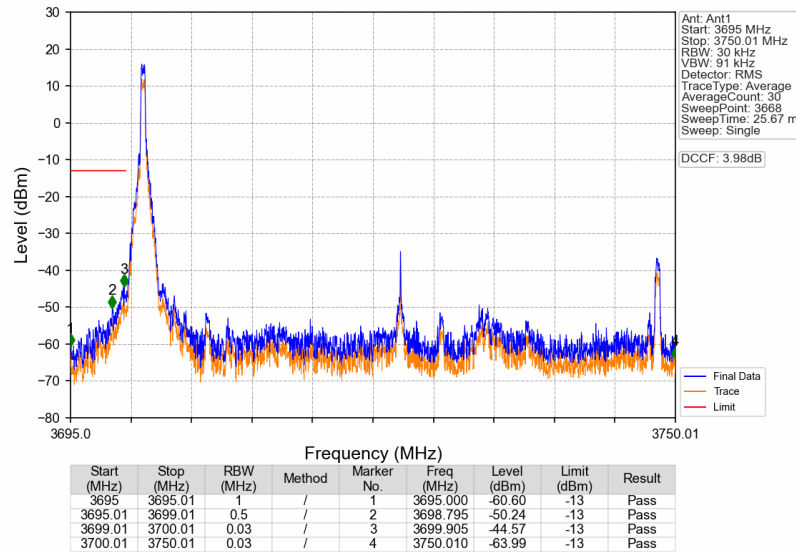


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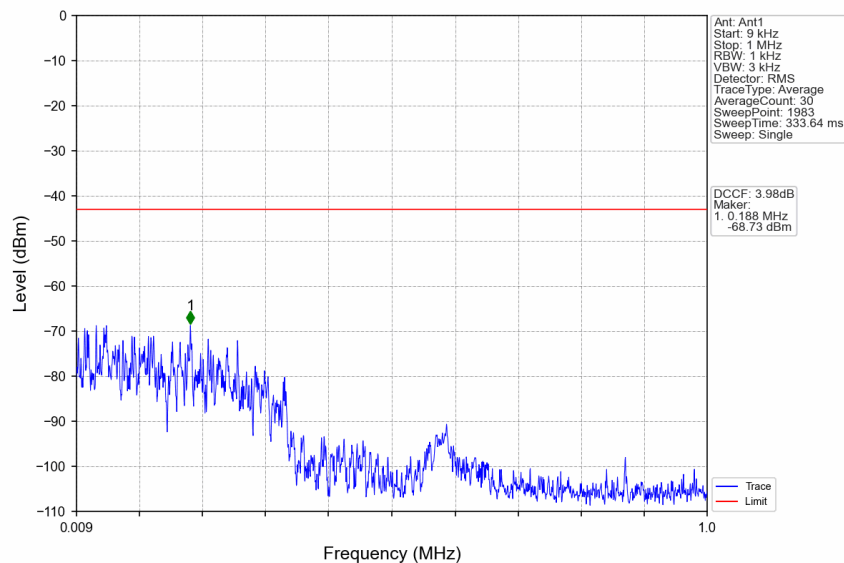
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n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3725.01MHz_Inner_1RB_Left



n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left



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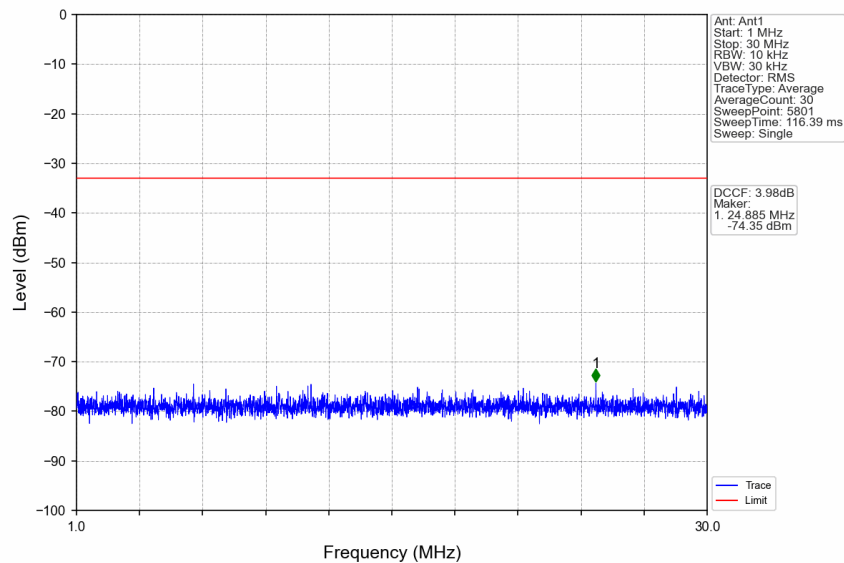


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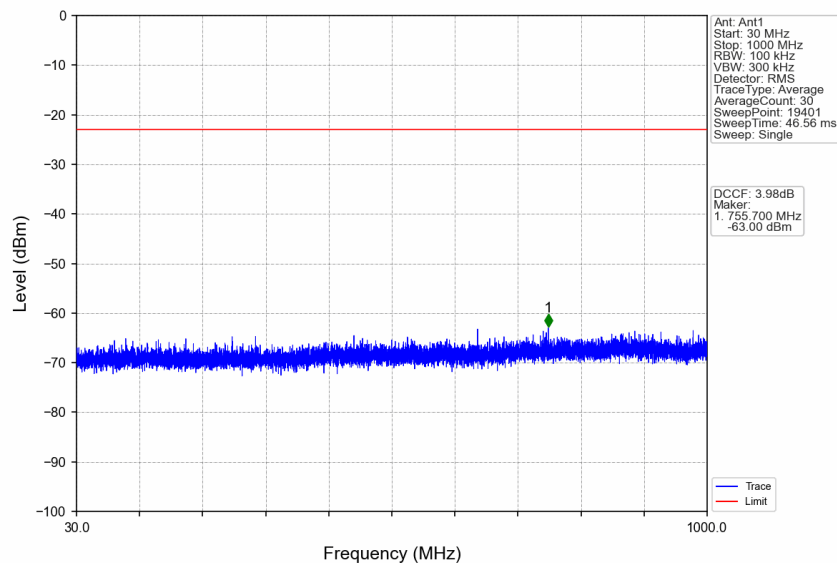
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n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left



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中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn

t (86-512) 62992980 sgs.china@sgs.com

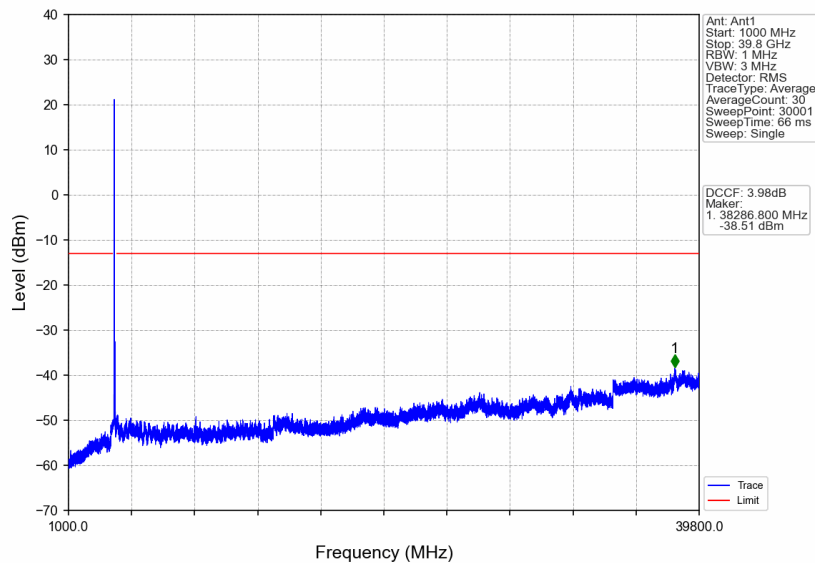
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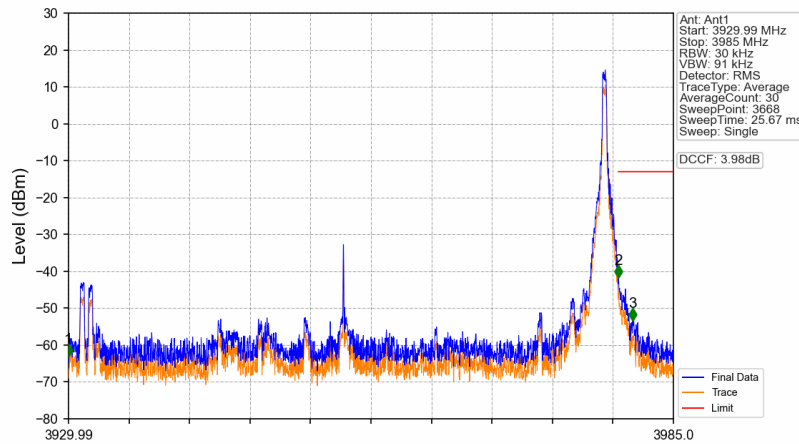
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n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3954.99MHz_Edge_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3929.99	3979.99	0.03	/	1	3929.990	-63.12	-13	Pass
3979.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	2	3980.020	-41.77	-13	Pass
3980.99	3984.99	0.5	/	3	3981.325	-53.49	-13	Pass



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中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

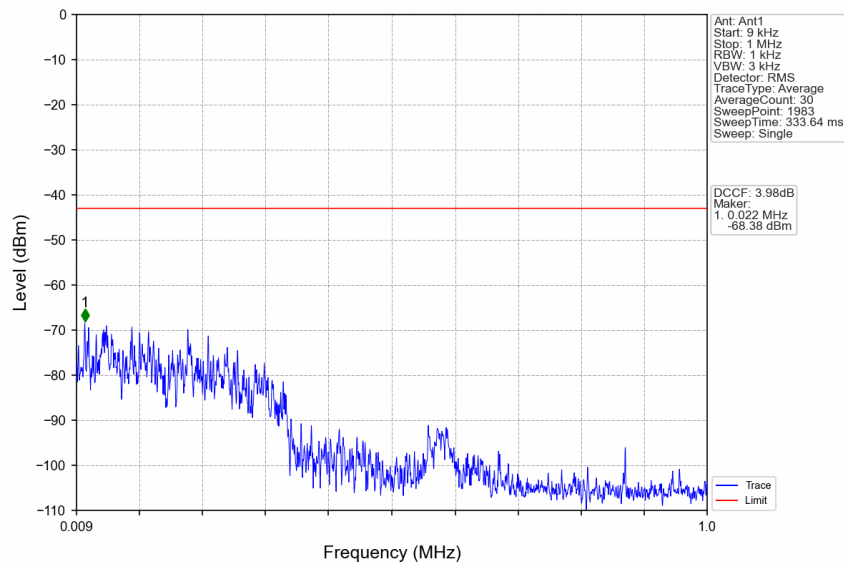
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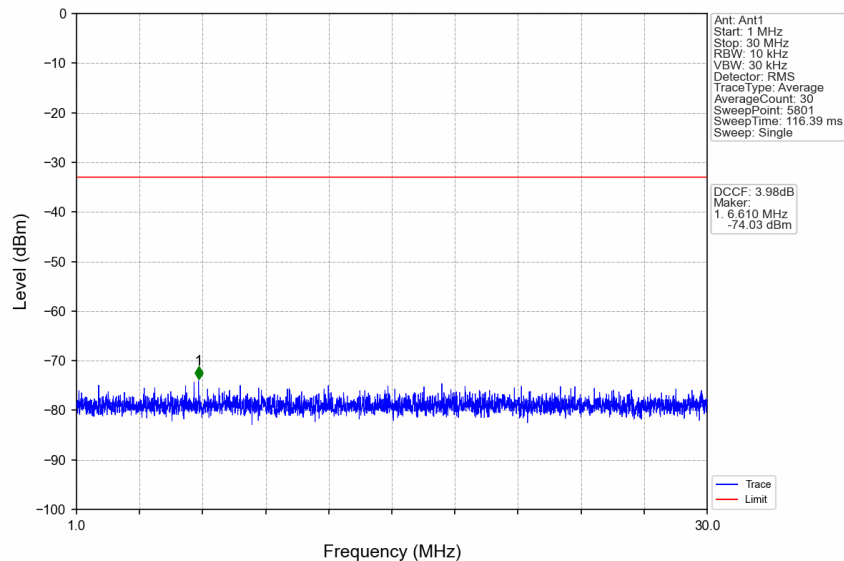
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n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3954.99MHz_Edge_1RB_Right



n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3954.99MHz_Edge_1RB_Right



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