

1. Spurious Emission

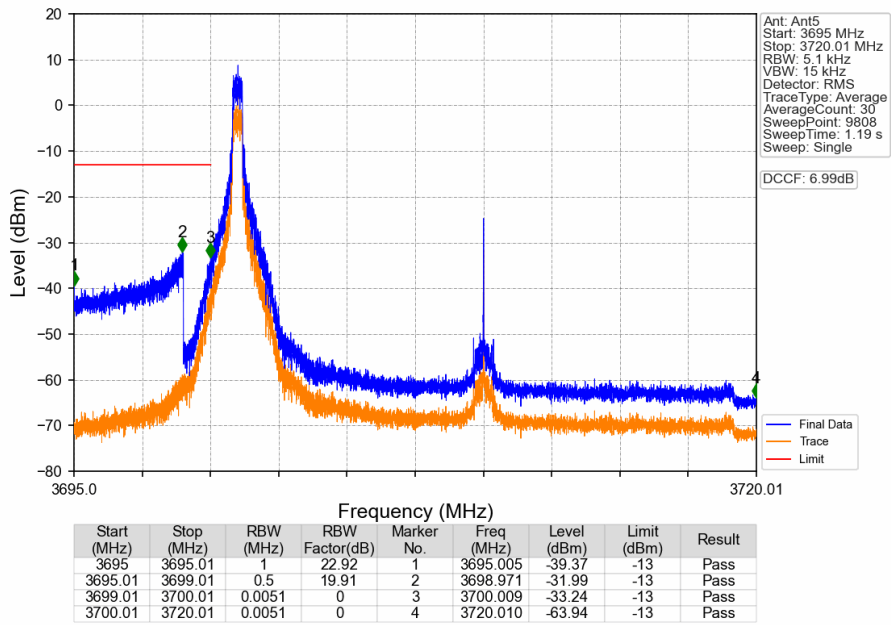
1.1 30k_SISO_20MHz_NTNV

1.1.1 Test Result

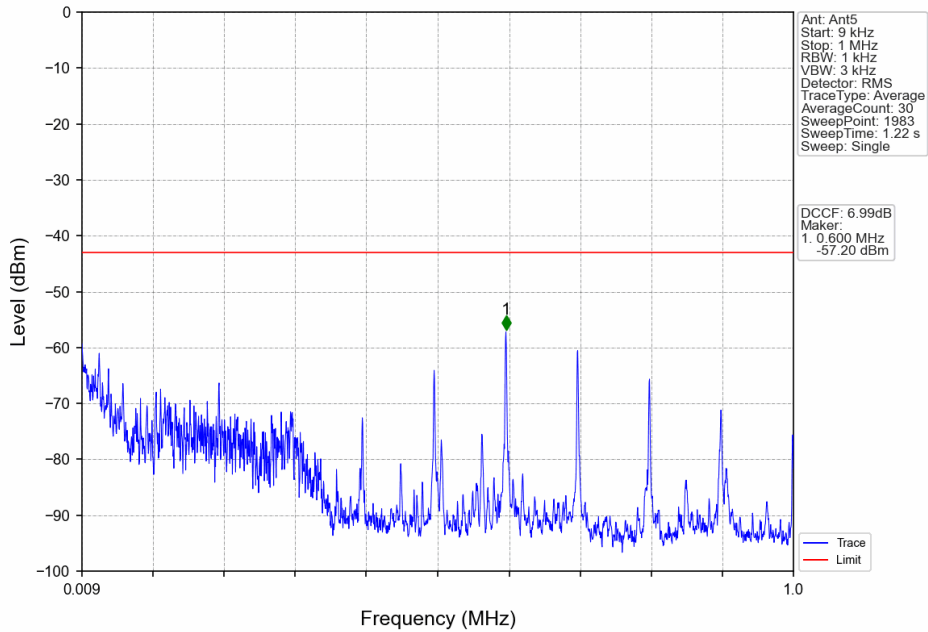
5G NR n77a SCS=30kHz SISO 20MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3710.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	3840	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3969.99	Inner_1RB_Right	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3710.01	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
	3969.99	Inner_1RB_Right	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

1.1.2 Test Graph

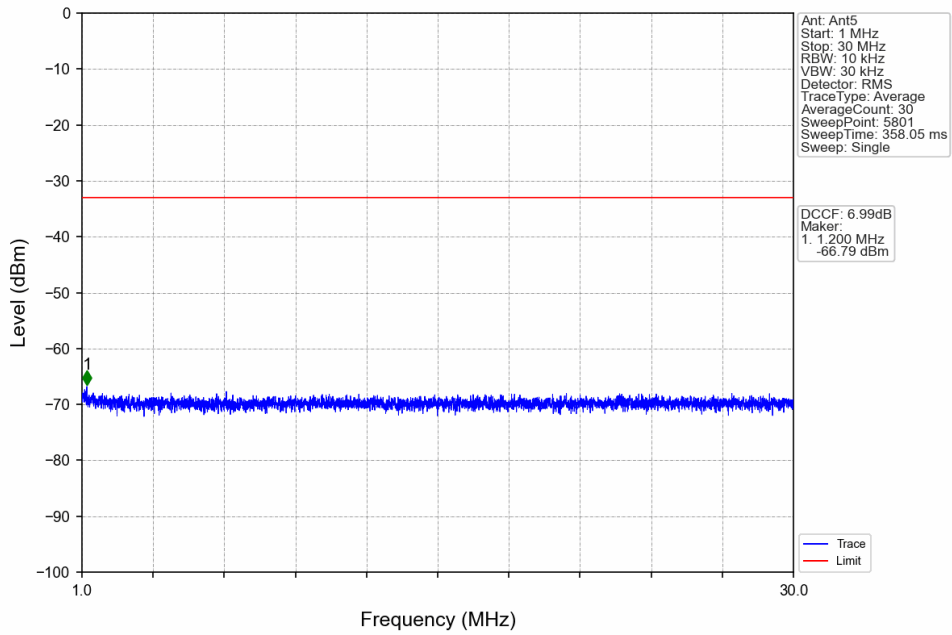
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3710.01MHz_Edge_1RB_Left



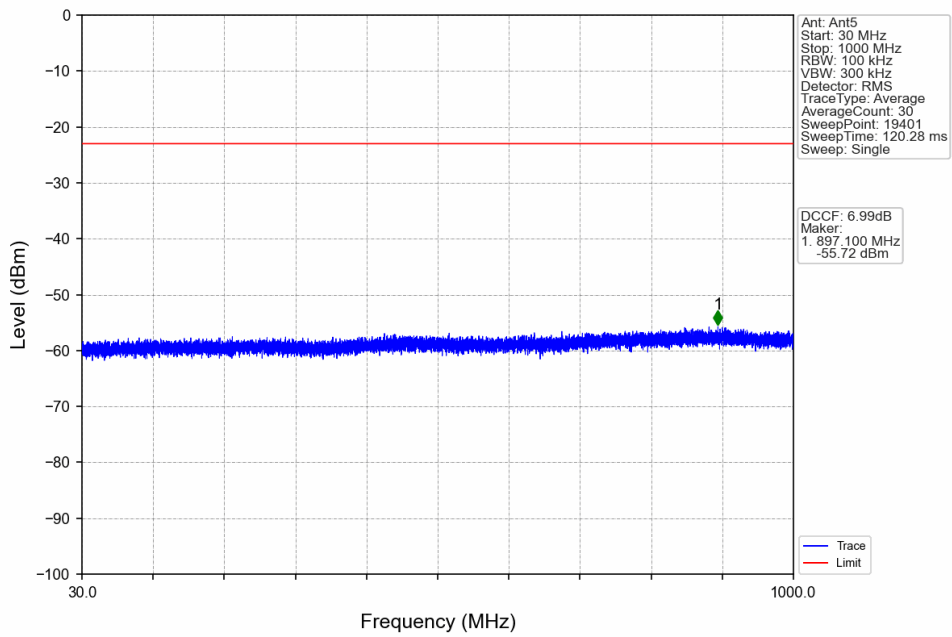
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3710.01MHz_Edge_1RB_Left



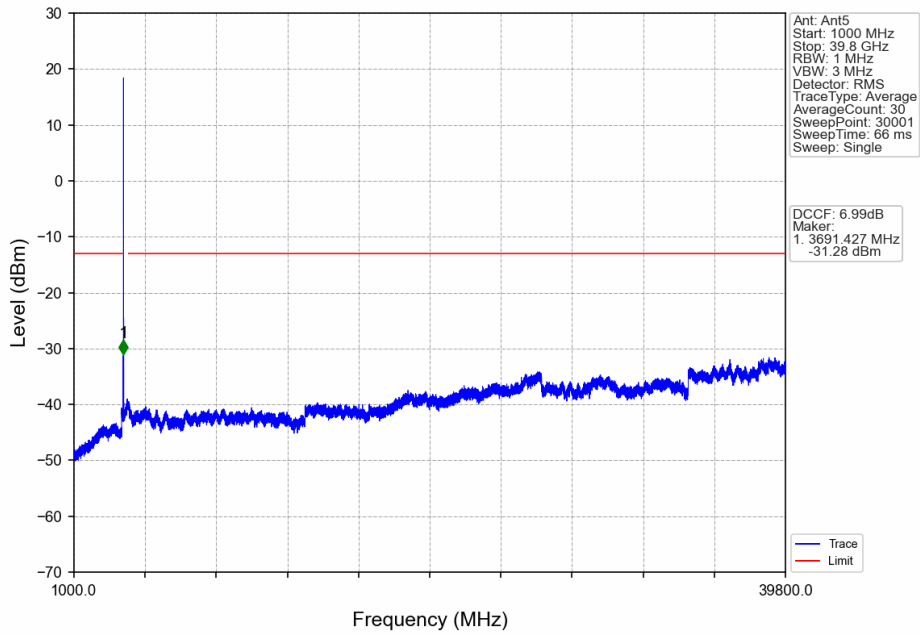
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3710.01MHz_Edge_1RB_Left



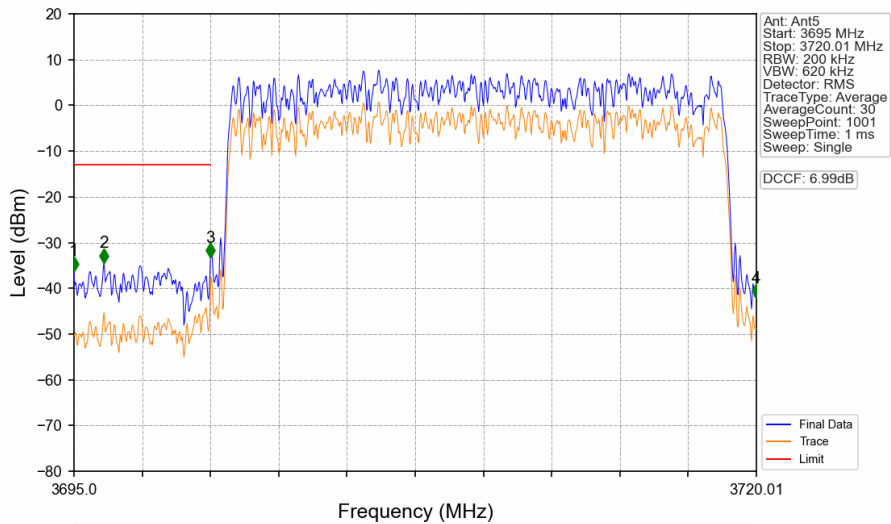
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3710.01MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3710.01MHz_Edge_1RB_Left

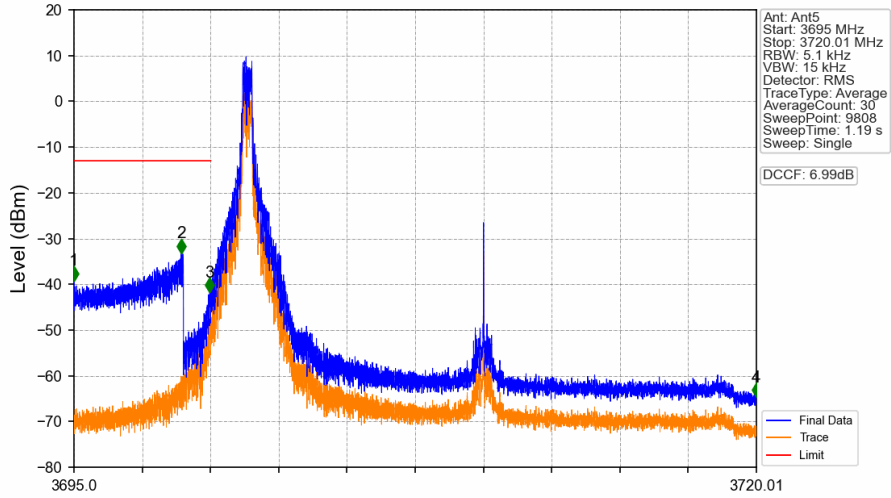


n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3710.01MHz_Outer_Full



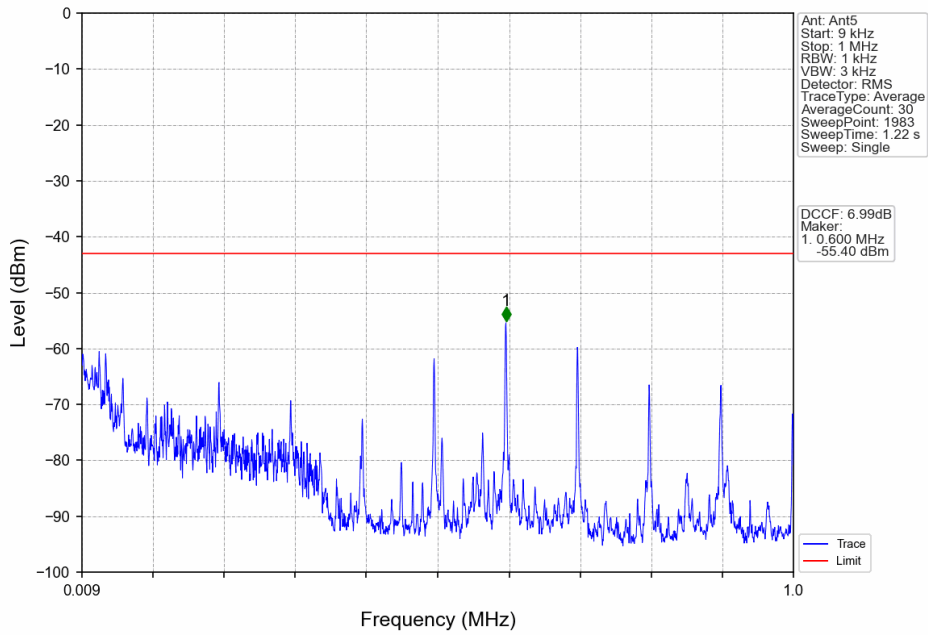
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	6.99	1	3695.000	-36.20	-13	Pass
3695.01	3699.01	0.5	3.98	2	3696.100	-34.42	-13	Pass
3699.01	3700.01	0.2	0	3	3700.002	-33.25	-13	Pass
3700.01	3720.01	0.2	0	4	3720.010	-42.12	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3710.01MHz_Inner_1RB_Left

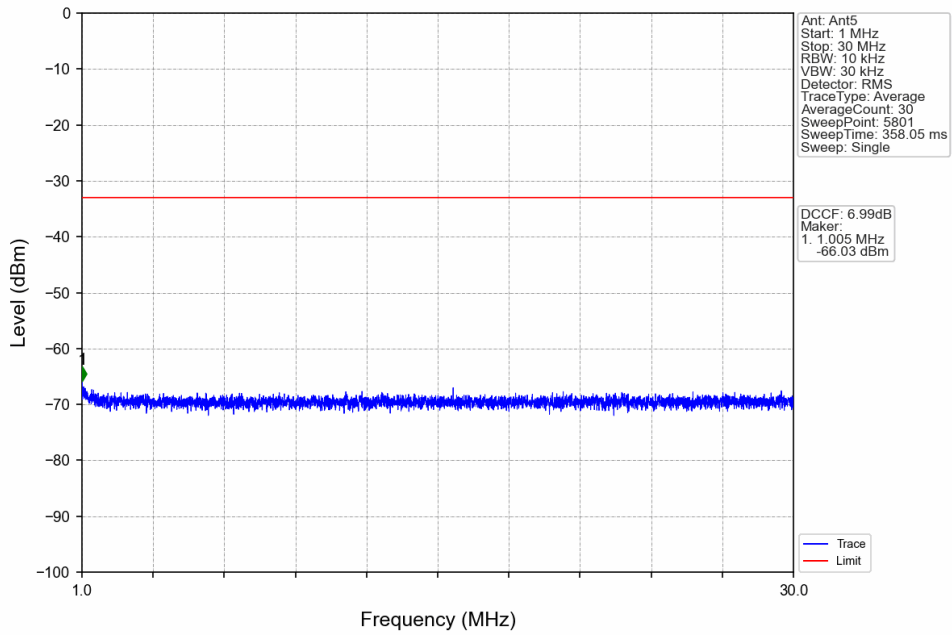


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	22.92	1	3695.000	-39.19	-13	Pass
3695.01	3699.01	0.5	19.91	2	3698.930	-33.20	-13	Pass
3699.01	3700.01	0.0051	0	3	3699.975	-41.73	-13	Pass
3700.01	3720.01	0.0051	0	4	3720.010	-64.61	-13	Pass

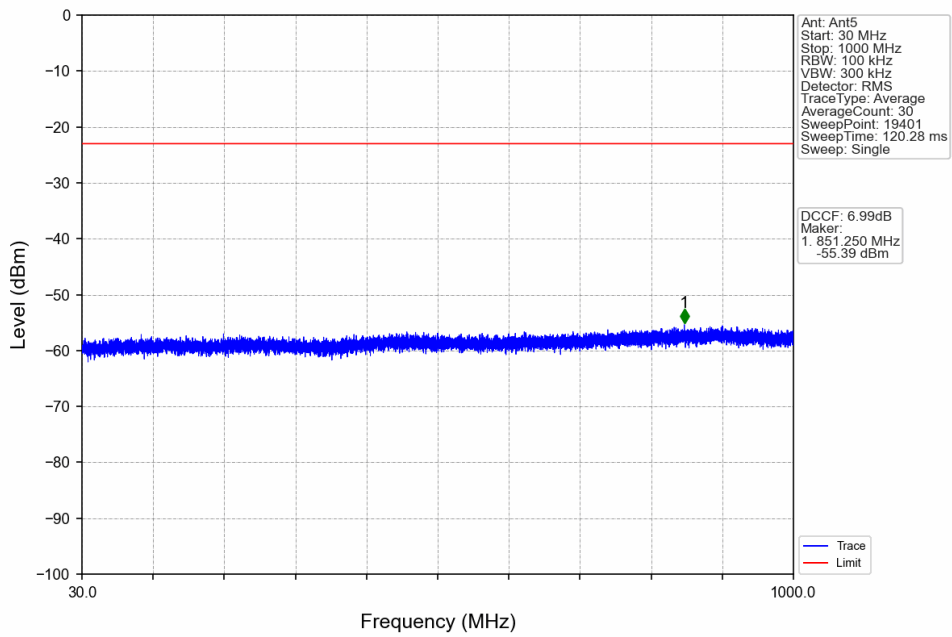
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left



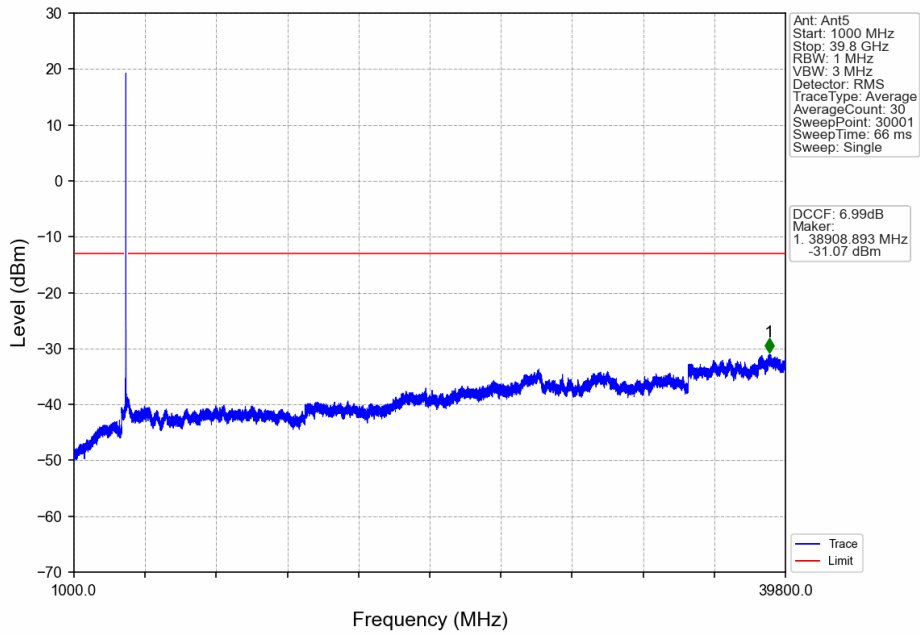
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left



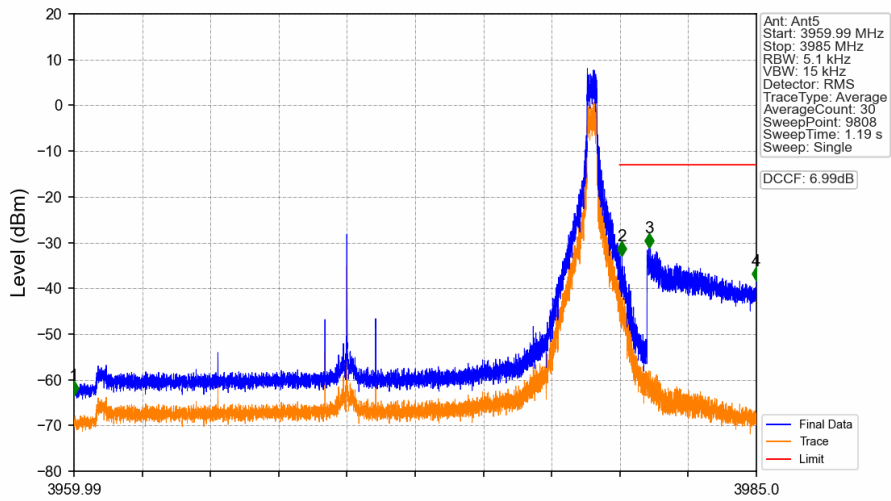
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3840MHz_Edge_1RB_Left

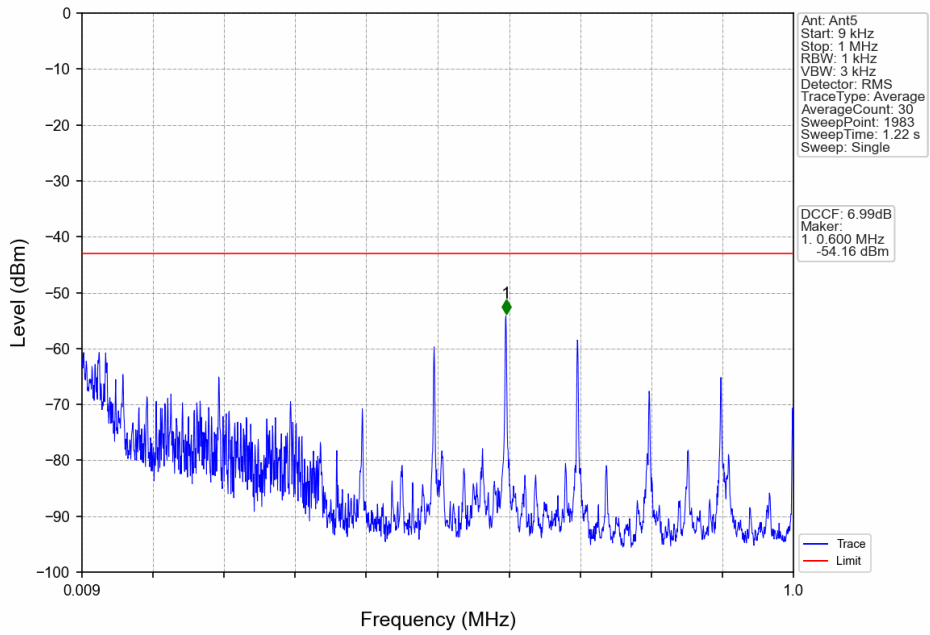


n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3969.99MHz_Edge_1RB_Right

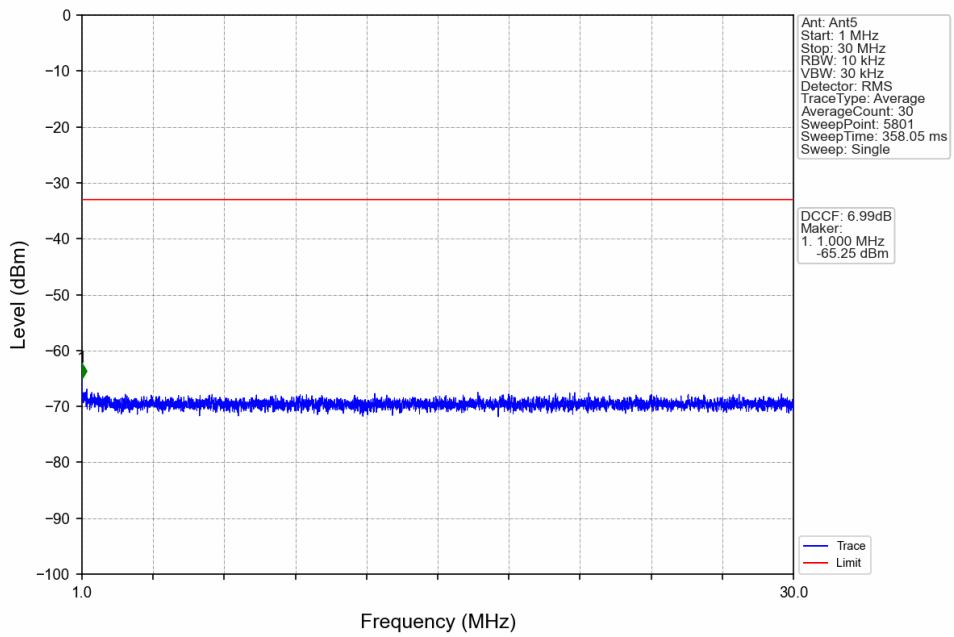


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3959.99	3979.99	0.0051	0	1	3959.990	-63.43	-13	Pass
3979.99	3979.99	0.0051	0	/	/	/	/	/
3979.99	3980.99	0.0051	0	2	3980.076	-32.95	-13	Pass
3980.99	3984.99	0.5	19.91	3	3981.065	-31.15	-13	Pass
3984.99	3985	1	22.92	4	3984.995	-38.39	-13	Pass

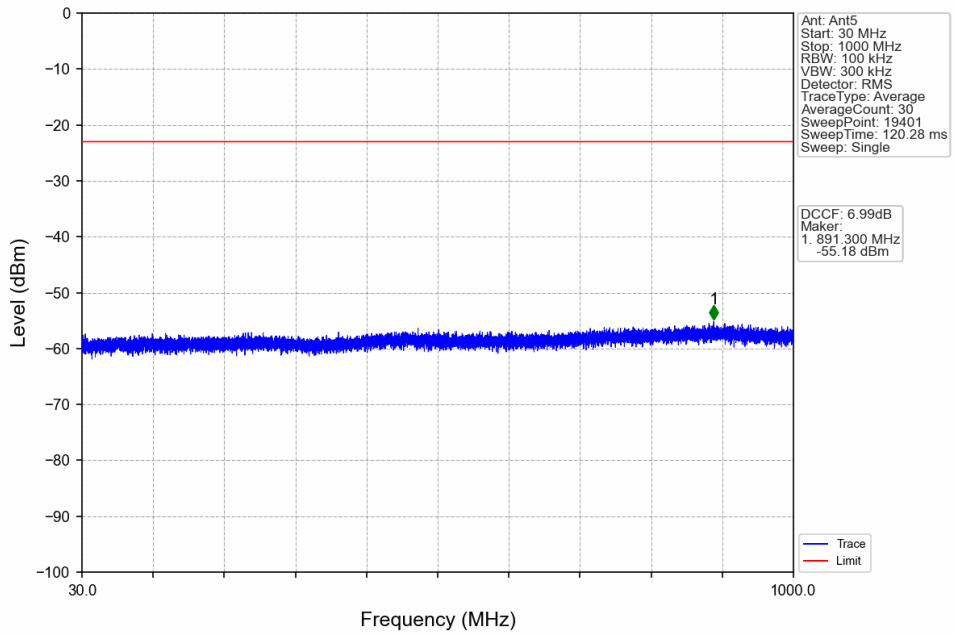
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3969.99MHz_Edge_1RB_Right



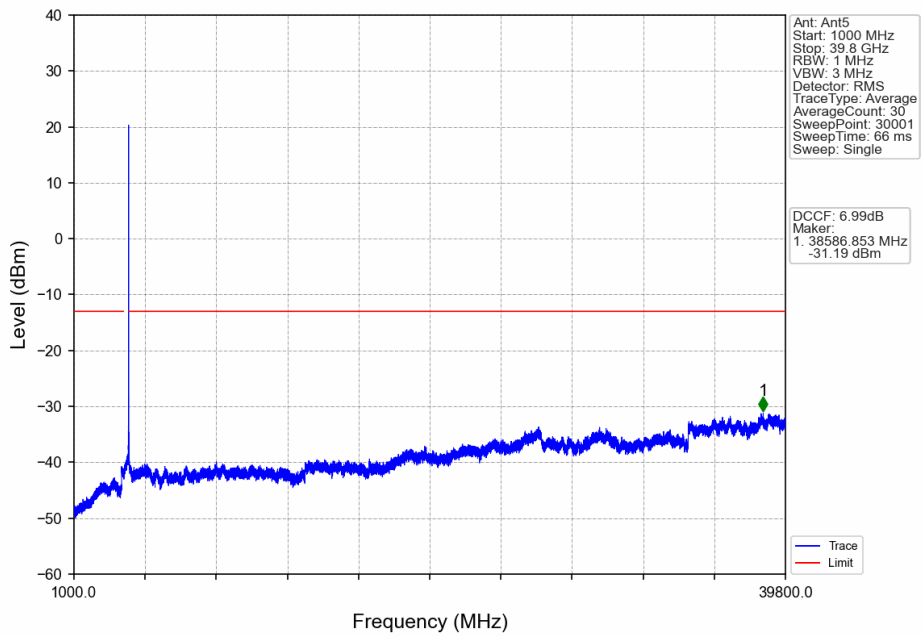
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3969.99MHz_Edge_1RB_Right



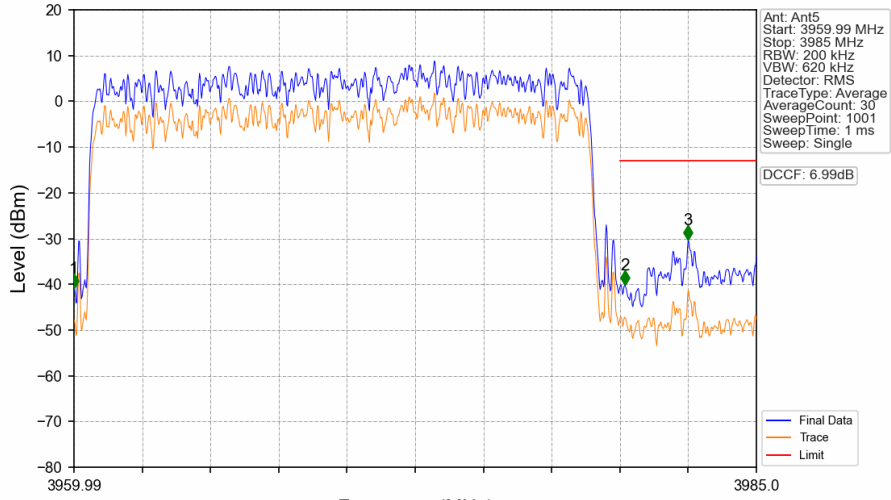
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3969.99MHz_Edge_1RB_Right



n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3969.99MHz_Edge_1RB_Right

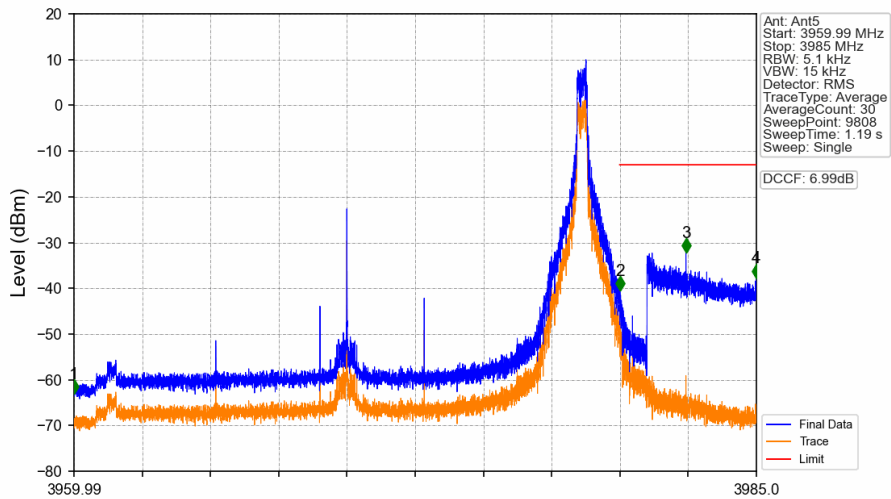


n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3969.99MHz_Outer_Full



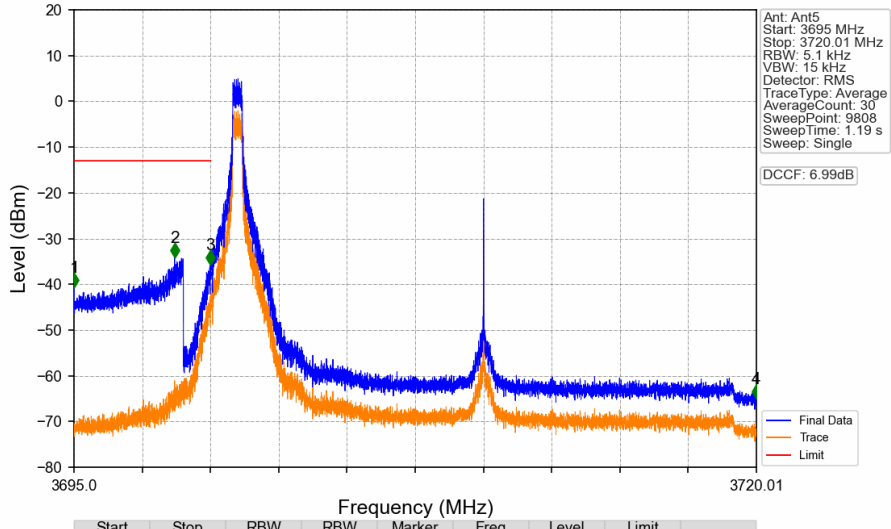
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3959.99	3979.99	0.2	0	1	3959.990	-40.91	-13	Pass
3979.99	3979.99	0.2	0	/	/	/	/	/
3979.99	3980.99	0.2	0	2	3980.173	-40.19	-13	Pass
3980.99	3984.99	0.5	3.98	3	3982.499	-30.32	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3969.99MHz_Inner_1RB_Right



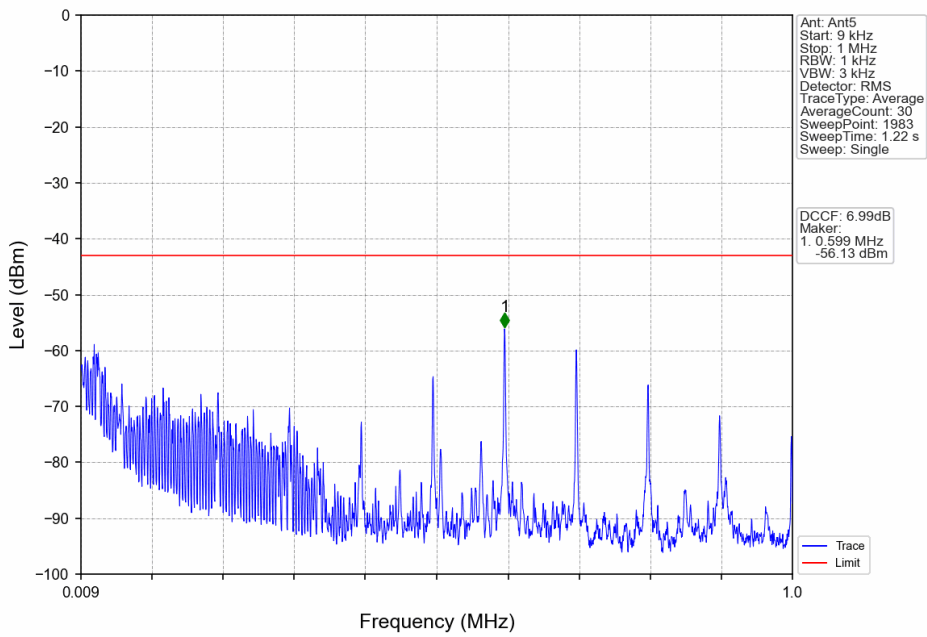
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3959.99	3979.99	0.0051	0	1	3959.990	-63.14	-13	Pass
3979.99	3979.99	0.0051	0	/	/	/	/	/
3979.99	3980.99	0.0051	0	2	3979.999	-40.48	-13	Pass
3980.99	3984.99	0.5	19.91	3	3982.417	-32.22	-13	Pass
3984.99	3985	1	22.92	4	3985.000	-37.76	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Edge_1RB_Left

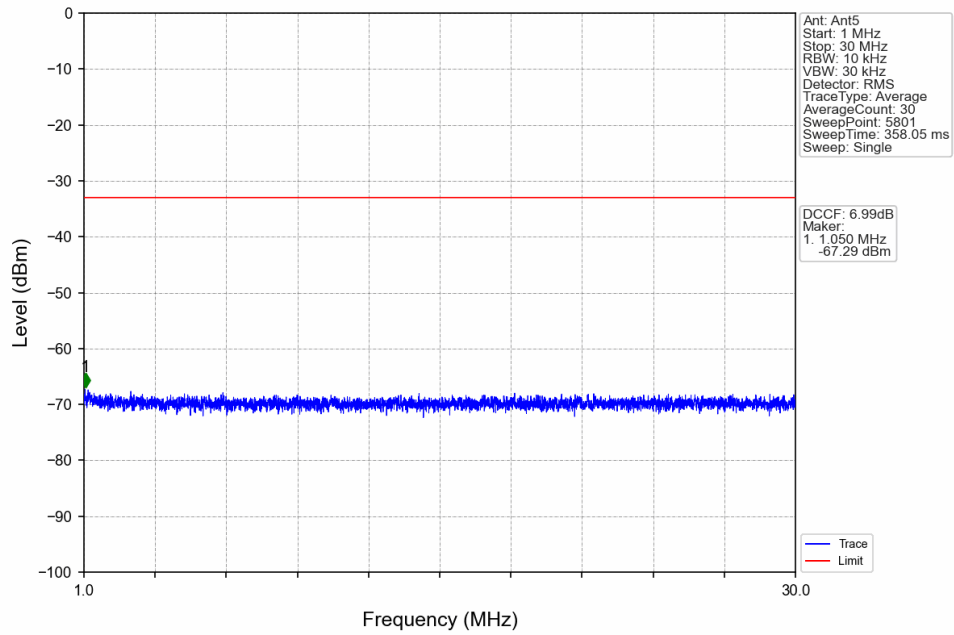


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	22.92	1	3695.005	-40.62	-13	Pass
3695.01	3699.01	0.5	19.91	2	3698.688	-34.19	-13	Pass
3699.01	3700.01	0.0051	0	3	3699.998	-35.70	-13	Pass
3700.01	3720.01	0.0051	0	4	3720.010	-64.95	-13	Pass

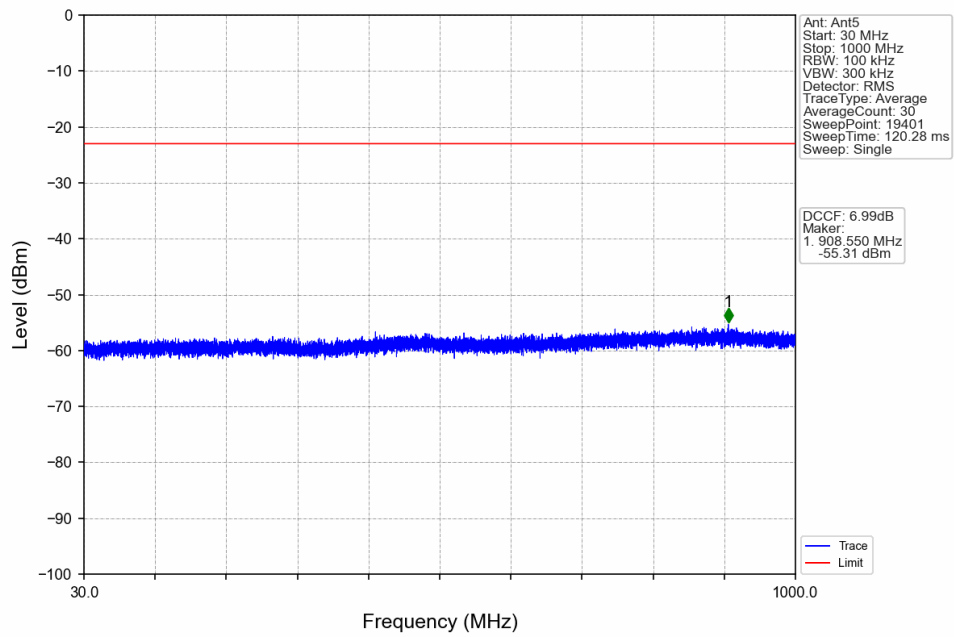
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Edge_1RB_Left



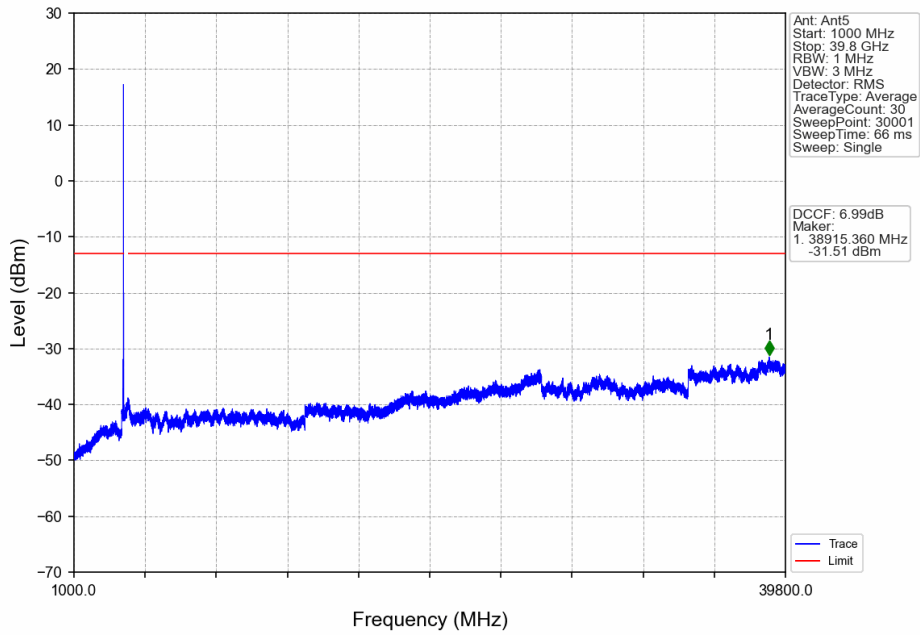
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Edge_1RB_Left



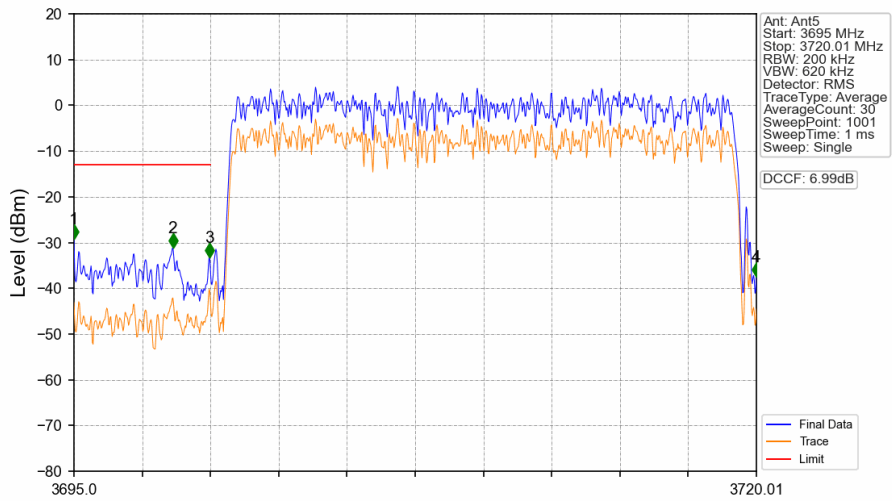
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Edge_1RB_Left

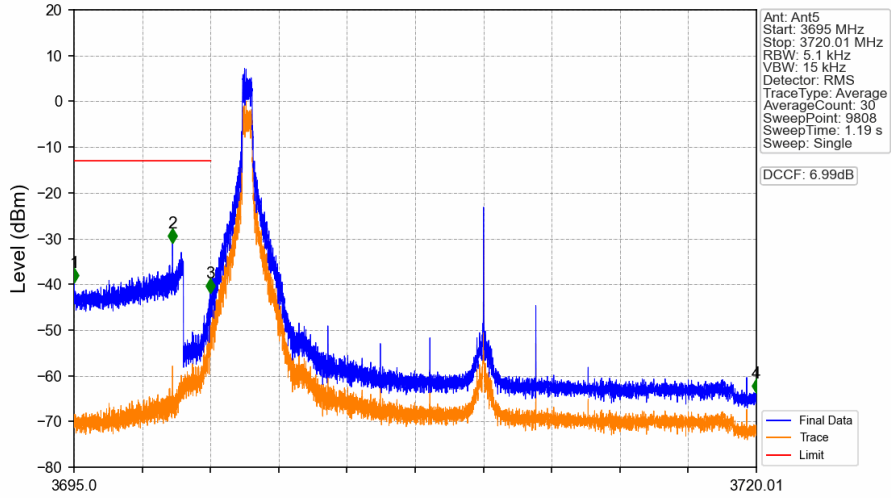


n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Outer_Full



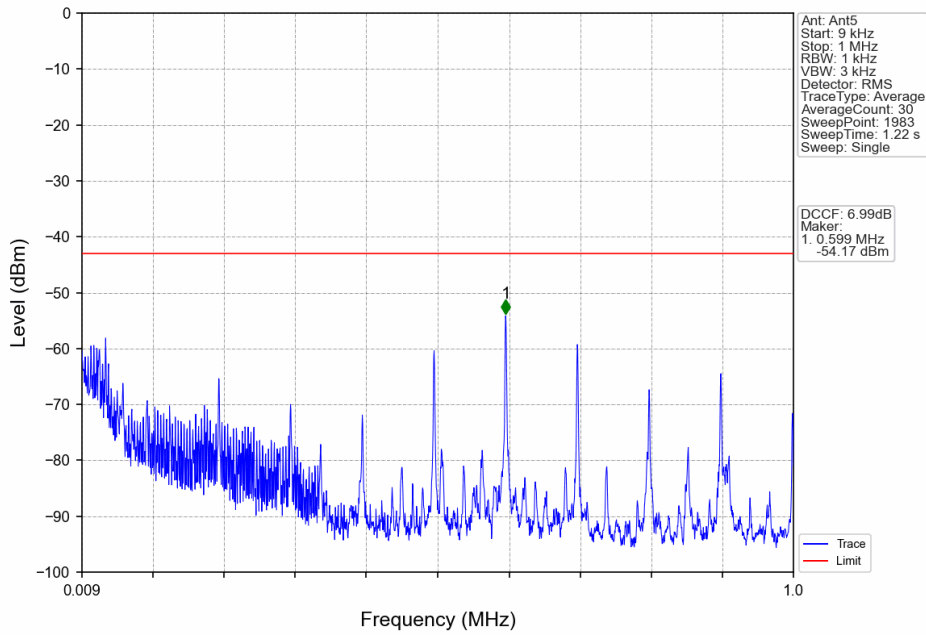
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	6.99	1	3695.000	-29.17	-13	Pass
3695.01	3699.01	0.5	3.98	2	3698.626	-31.14	-13	Pass
3699.01	3700.01	0.2	0	3	3699.952	-33.24	-13	Pass
3700.01	3720.01	0.2	0	4	3720.010	-37.55	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3710.01MHz_Inner_1RB_Left

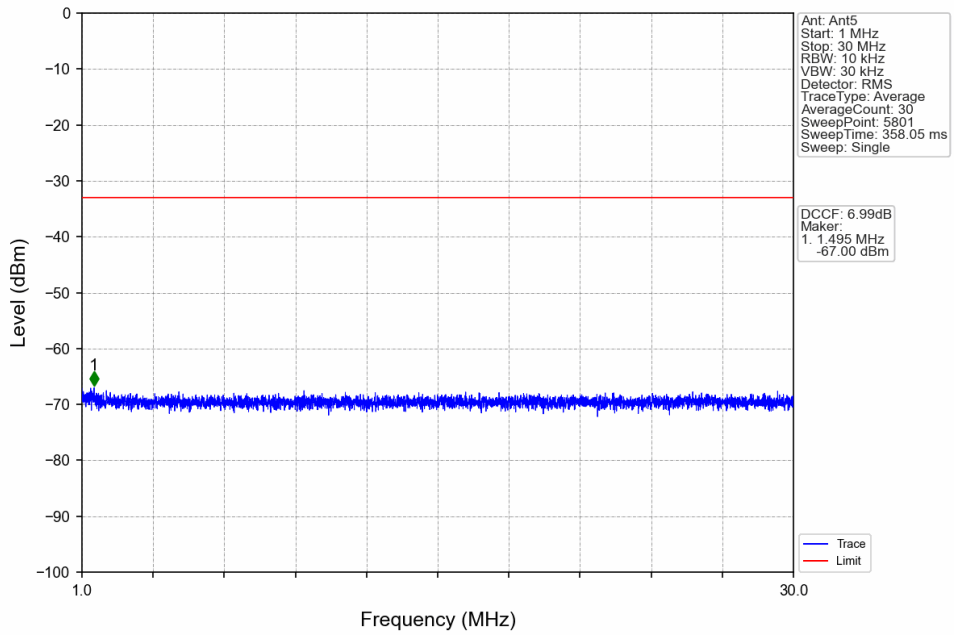


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	22.92	1	3695.008	-39.59	-13	Pass
3695.01	3699.01	0.5	19.91	2	3698.611	-30.99	-13	Pass
3699.01	3700.01	0.0051	0	3	3699.996	-41.96	-13	Pass
3700.01	3720.01	0.0051	0	4	3720.010	-63.75	-13	Pass

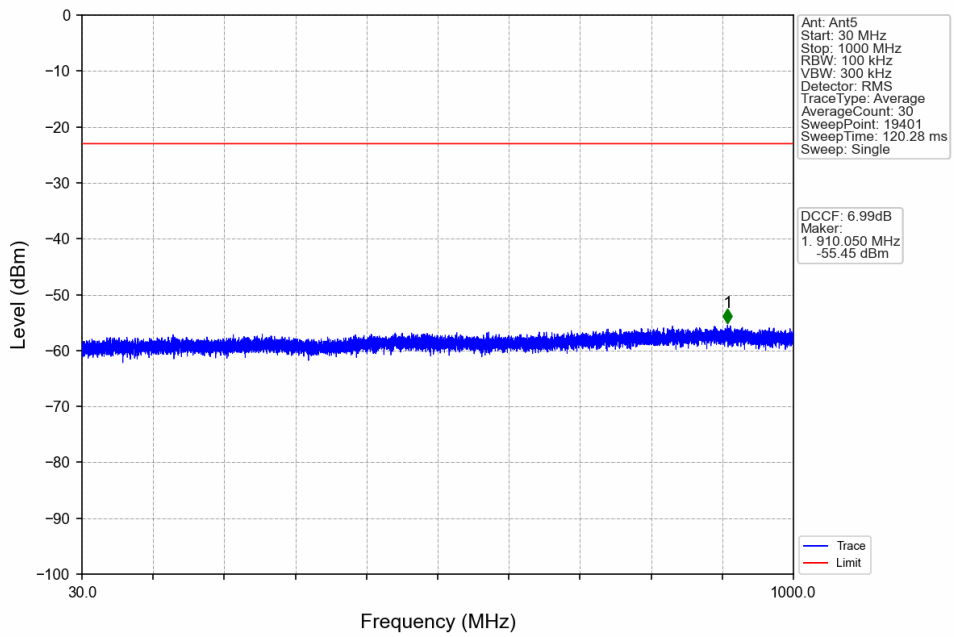
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3840MHz_Edge_1RB_Left



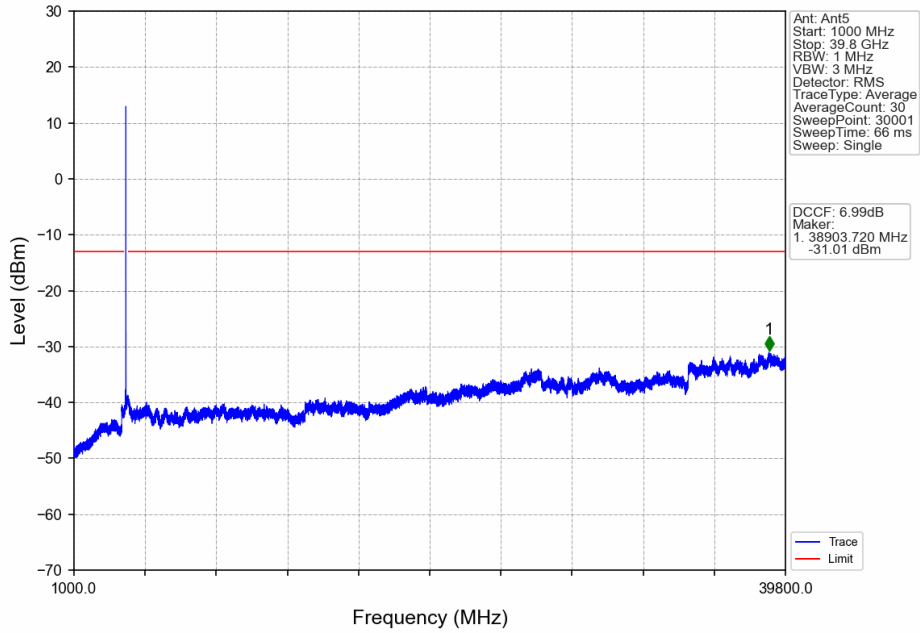
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3840MHz_Edge_1RB_Left



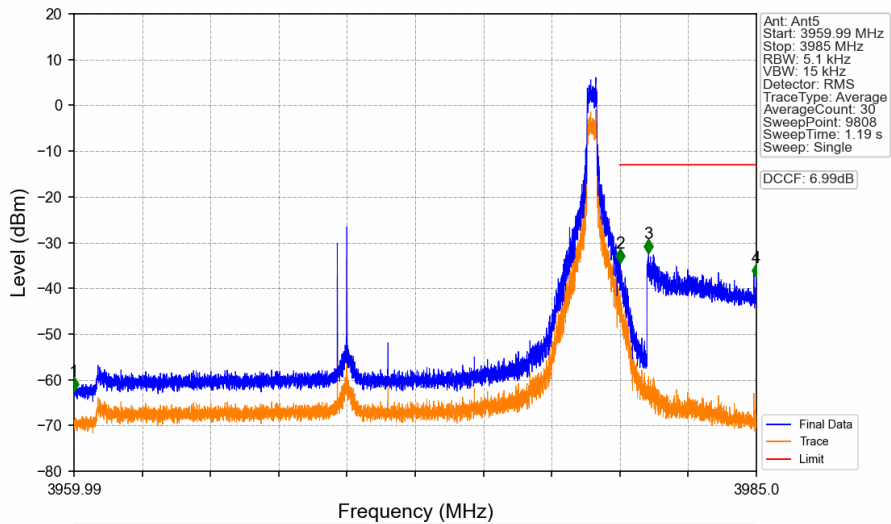
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3840MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left

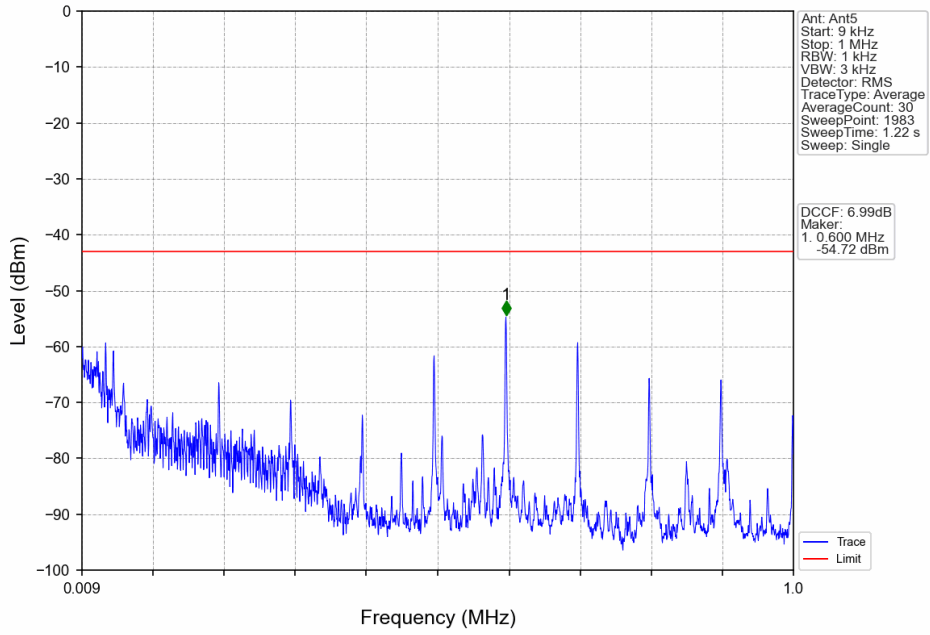


n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3969.99MHz_Edge_1RB_Right

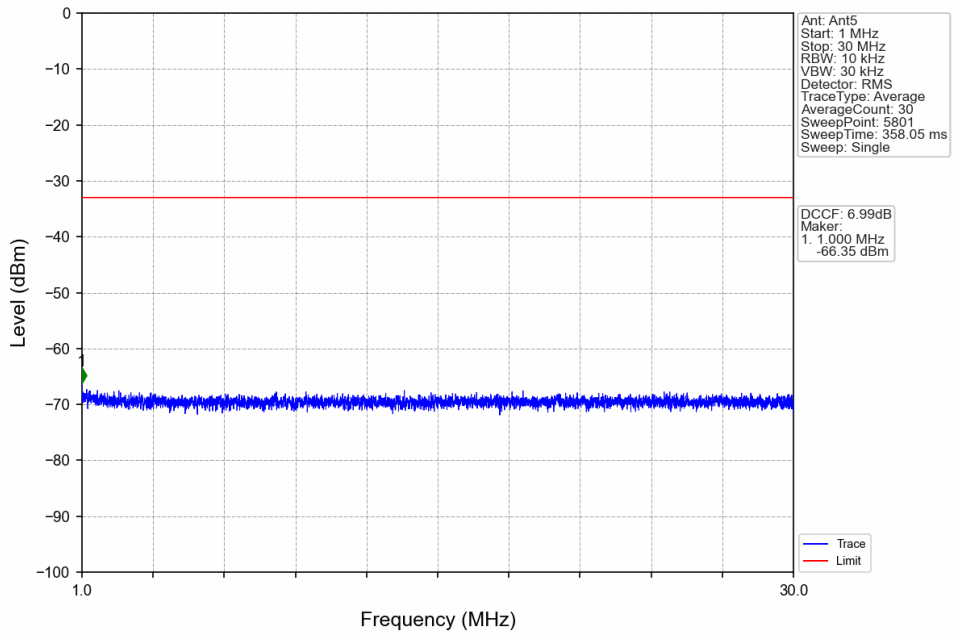


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3959.99	3979.99	0.0051	0	1	3959.990	-62.60	-13	Pass
3979.99	3979.99	0.0051	0	/	/	/	/	/
3979.99	3980.99	0.0051	0	2	3980.014	-34.55	-13	Pass
3980.99	3984.99	0.5	19.91	3	3981.047	-32.39	-13	Pass
3984.99	3985	1	22.92	4	3984.997	-37.65	-13	Pass

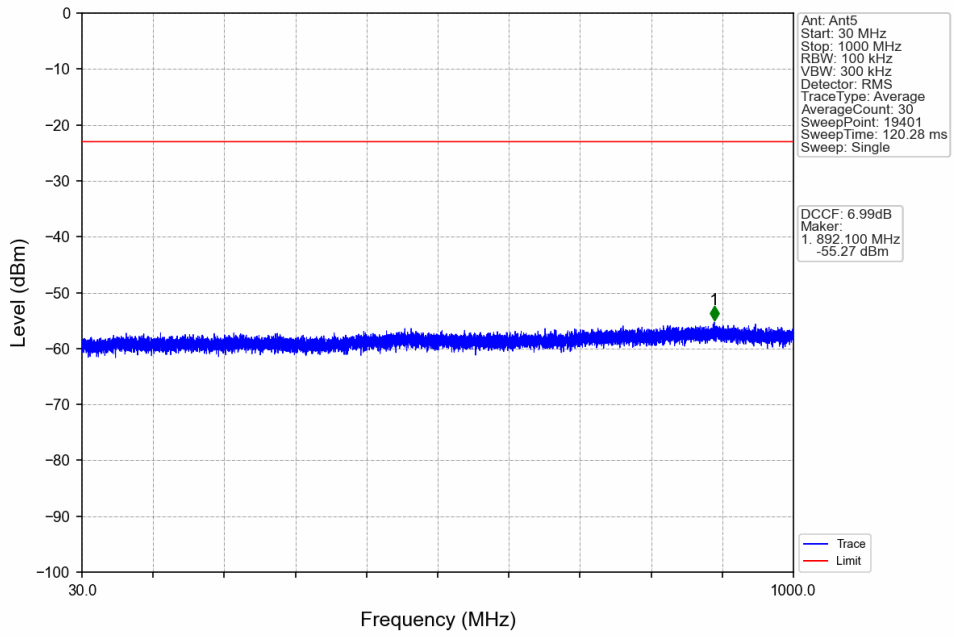
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3969.99MHz_Edge_1RB_Right



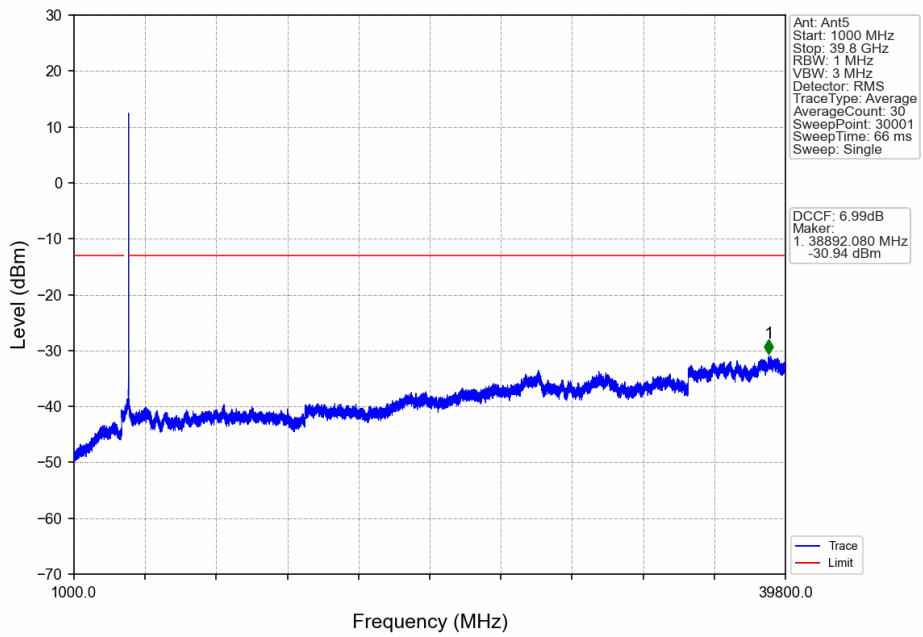
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3969.99MHz_Edge_1RB_Right



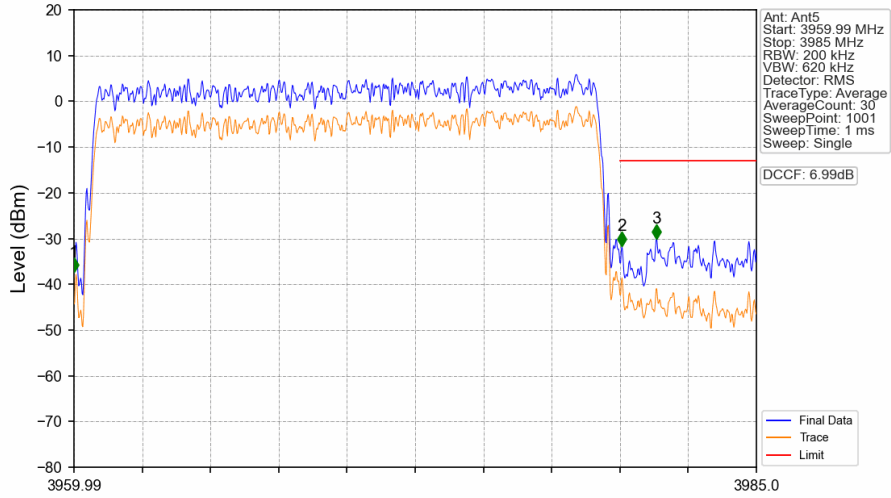
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3969.99MHz_Edge_1RB_Right



n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3969.99MHz_Edge_1RB_Right

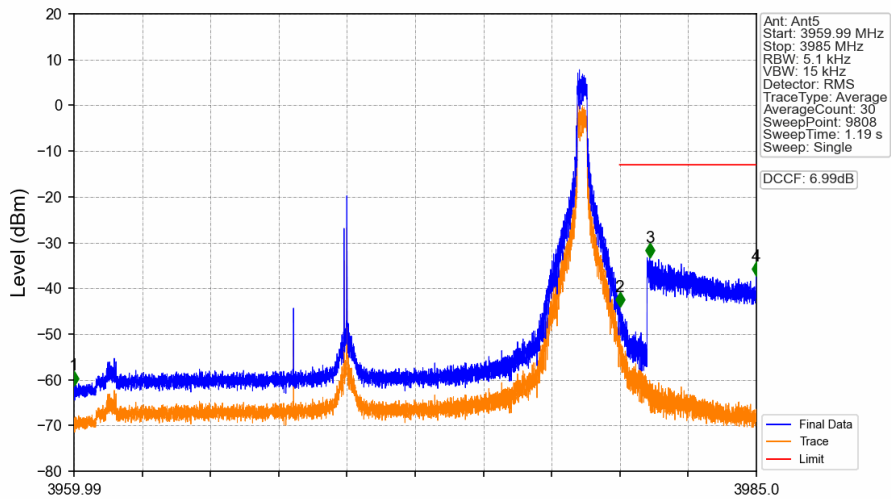


n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3969.99MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3959.99	3979.99	0.2	0	1	3959.990	-37.36	-13	Pass
3979.99	3979.99	0.2	0	/	/	/	/	/
3979.99	3980.99	0.2	0	2	3980.073	-31.59	-13	Pass
3980.99	3984.99	0.5	3.98	3	3981.349	-30.00	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_3969.99MHz_Inner_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3959.99	3979.99	0.0051	0	1	3959.990	-61.23	-13	Pass
3979.99	3979.99	0.0051	0	/	/	/	/	/
3979.99	3980.99	0.0051	0	2	3979.994	-44.02	-13	Pass
3980.99	3984.99	0.5	19.91	3	3981.088	-33.21	-13	Pass
3984.99	3985	1	22.92	4	3984.997	-37.28	-13	Pass

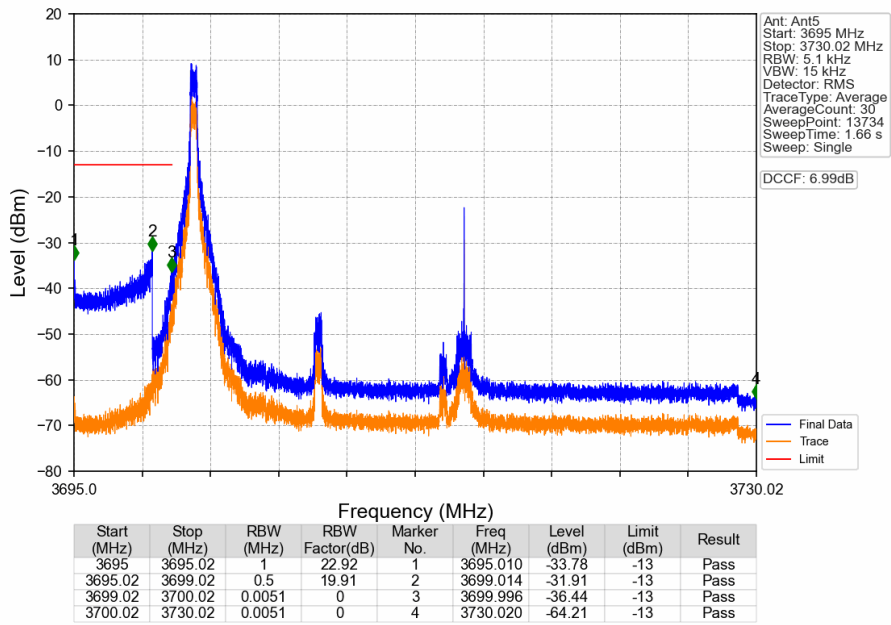
1.2 30k_SISO_30MHz_NTNV

1.2.1 Test Result

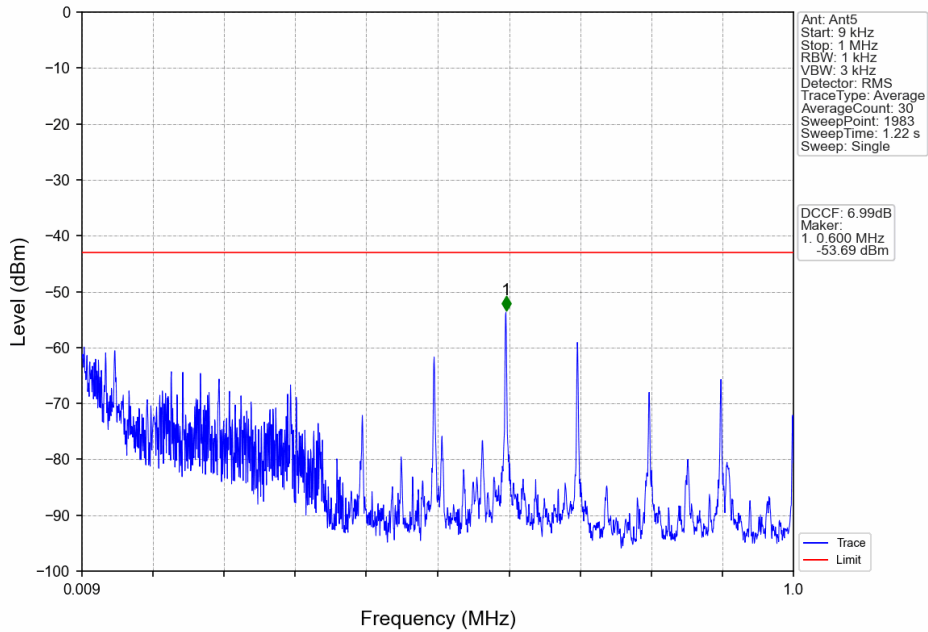
5G NR n77a SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant5	Ant2	Sum	
DFT-s-OFDM QPSK	3715.02	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3840	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
3964.98	Inner_1RB_Right	Refer To Test Graph			Pass	
	Edge_1RB_Left	Refer To Test Graph			Pass	
	Edge_1RB_Right	Refer To Test Graph			Pass	
CP-OFDM QPSK	3715.02	Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
		Edge_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
3964.98	Inner_1RB_Right	Refer To Test Graph			Pass	
	Inner_1RB_Right	Refer To Test Graph			Pass	

1.2.2 Test Graph

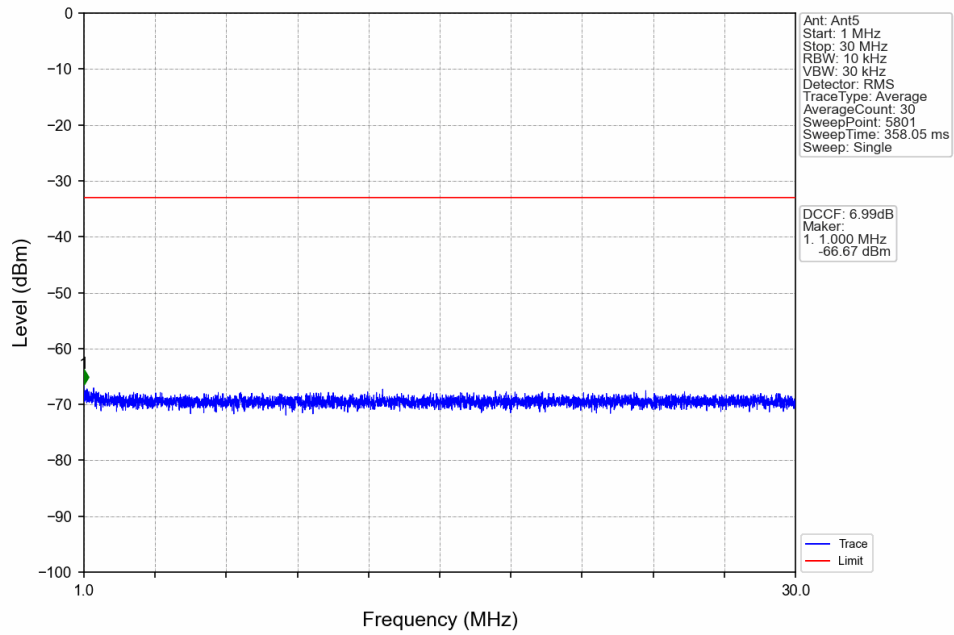
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3715.02MHz_Edge_1RB_Left



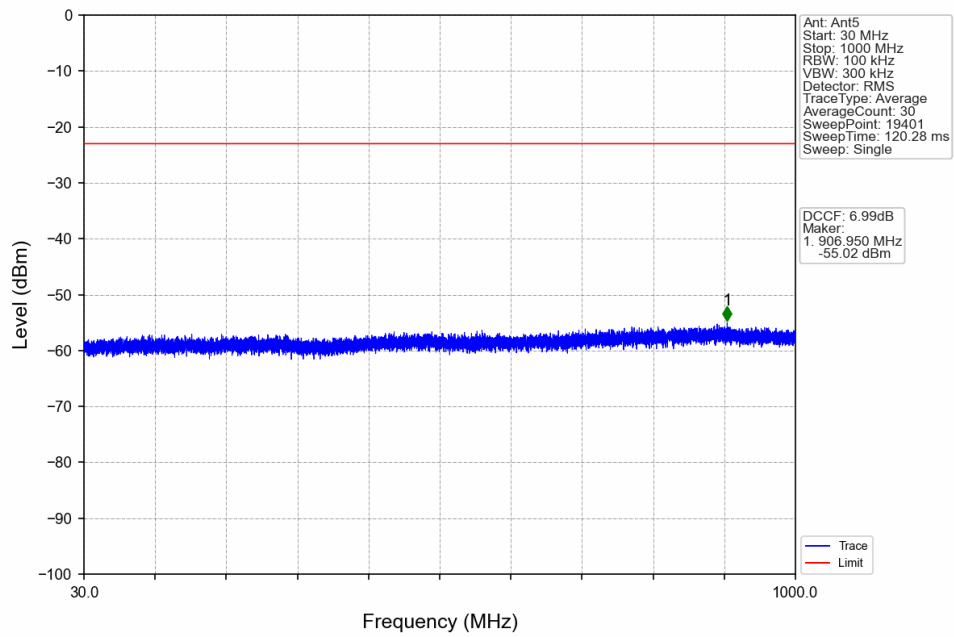
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3715.02MHz_Edge_1RB_Left



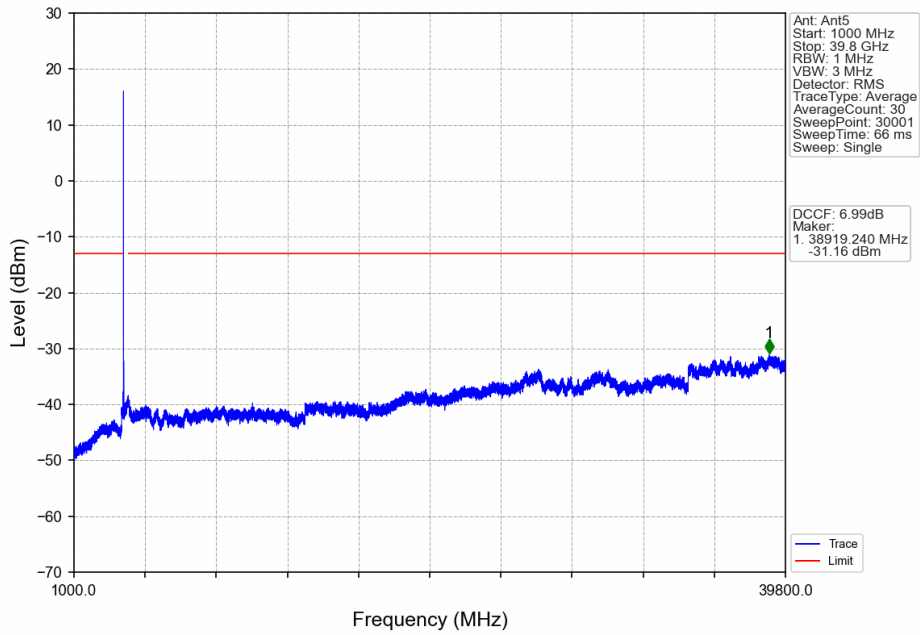
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3715.02MHz_Edge_1RB_Left



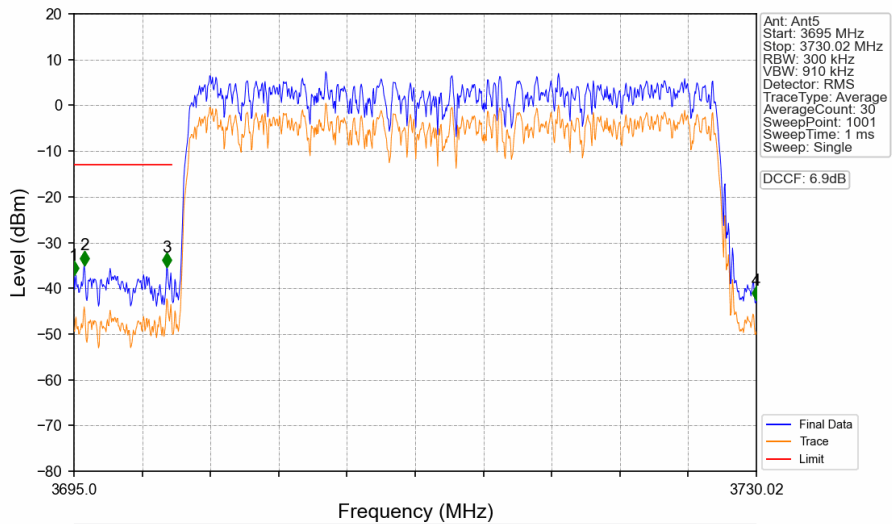
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3715.02MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3715.02MHz_Edge_1RB_Left

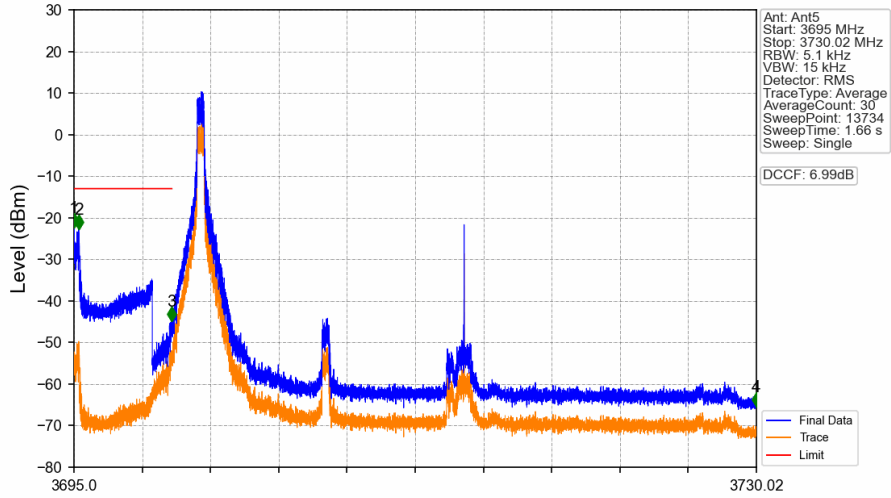


n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3715.02MHz_Outer_Full



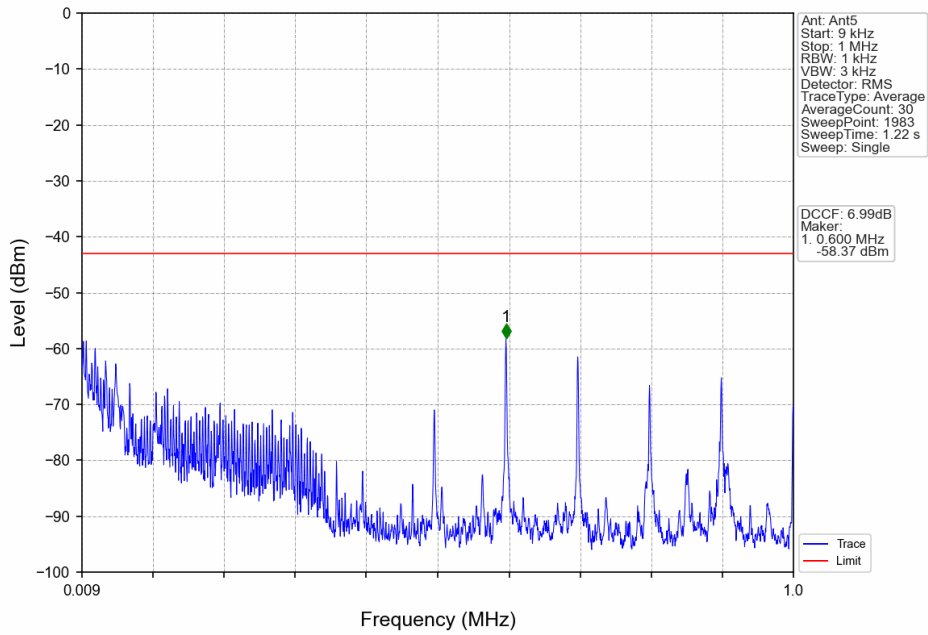
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	5.23	1	3695.000	-37.11	-13	Pass
3695.02	3699.02	0.5	2.22	2	3695.525	-34.95	-13	Pass
3699.02	3700.02	0.3	0	3	3699.763	-35.44	-13	Pass
3700.02	3730.02	0.3	0	4	3730.020	-42.55	-13	Pass

n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3715.02MHz_Inner_1RB_Left

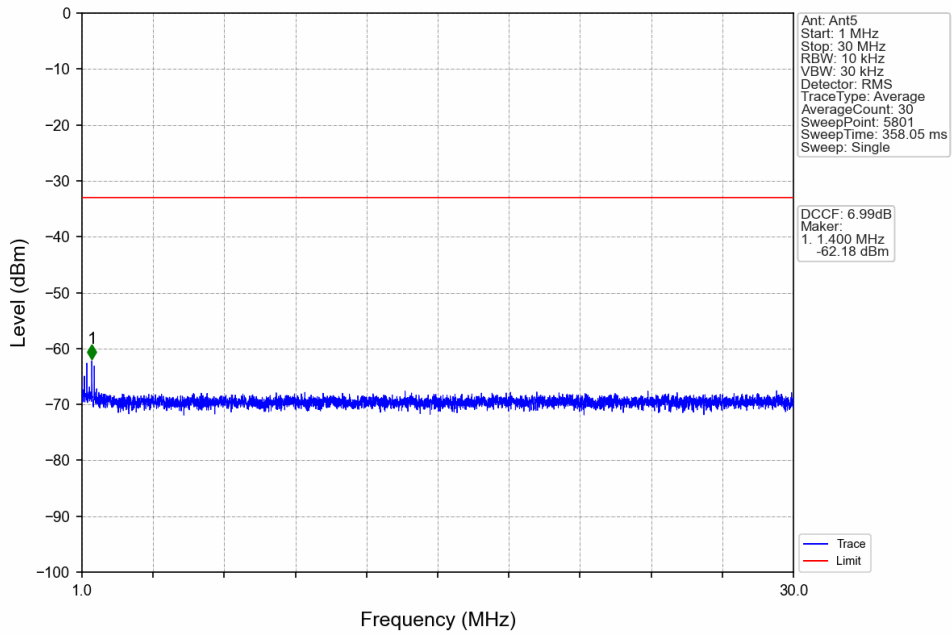


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	22.92	1	3695.003	-22.32	-13	Pass
3695.02	3699.02	0.5	19.91	2	3695.245	-22.83	-13	Pass
3699.02	3700.02	0.0051	0	3	3700.003	-44.92	-13	Pass
3700.02	3730.02	0.0051	0	4	3730.020	-65.49	-13	Pass

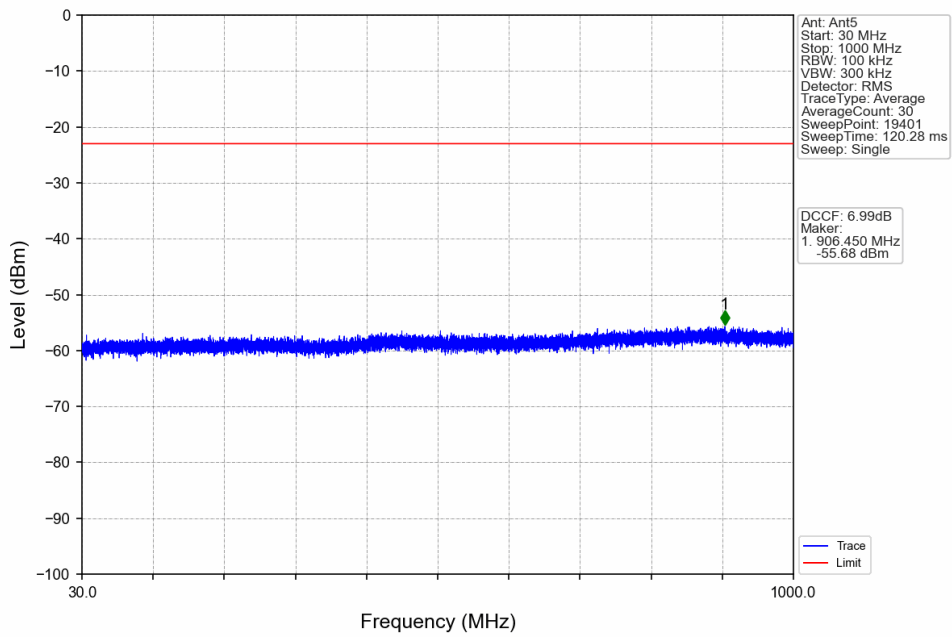
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left



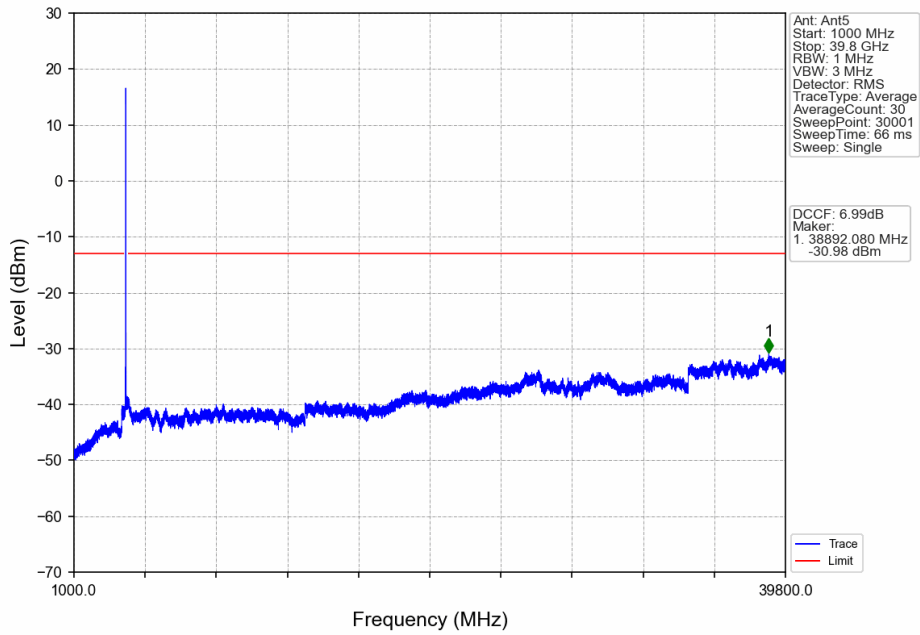
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left



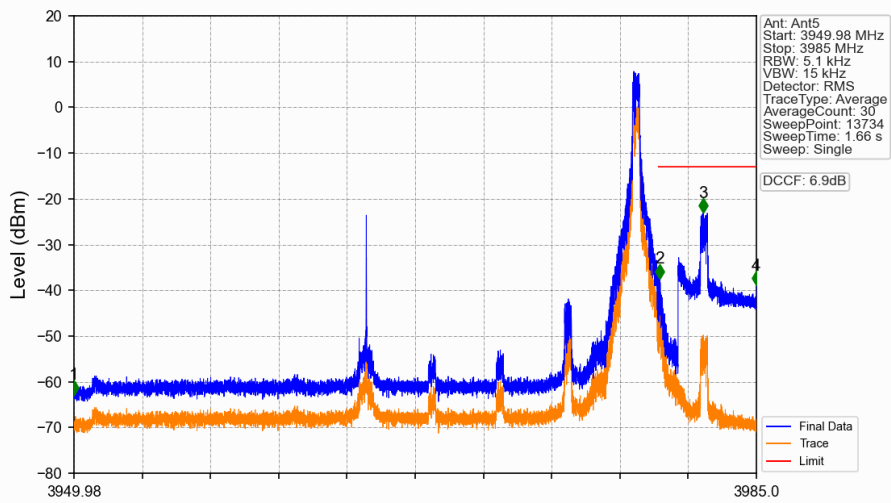
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3840MHz_Edge_1RB_Left

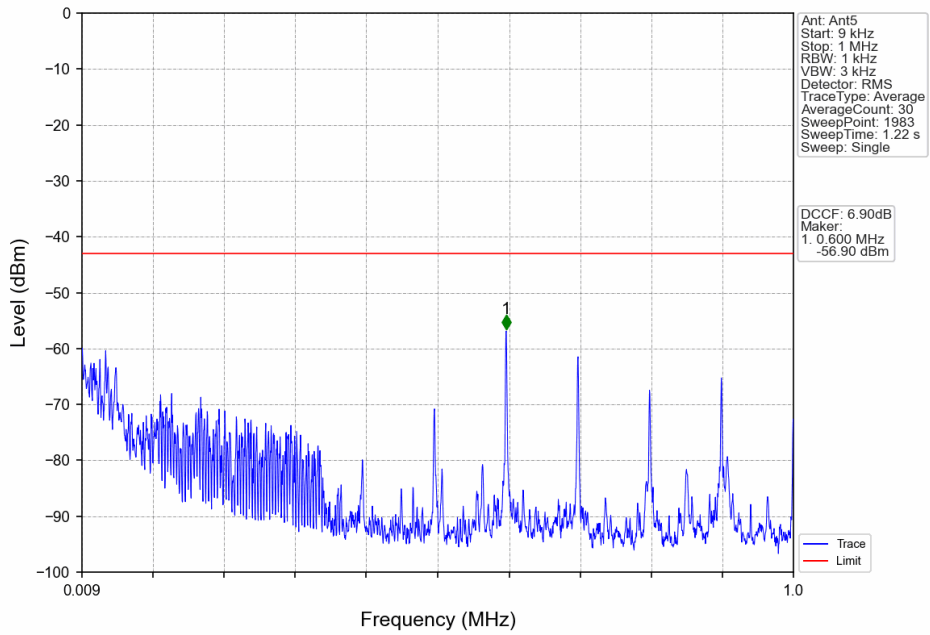


n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3964.98MHz_Edge_1RB_Right

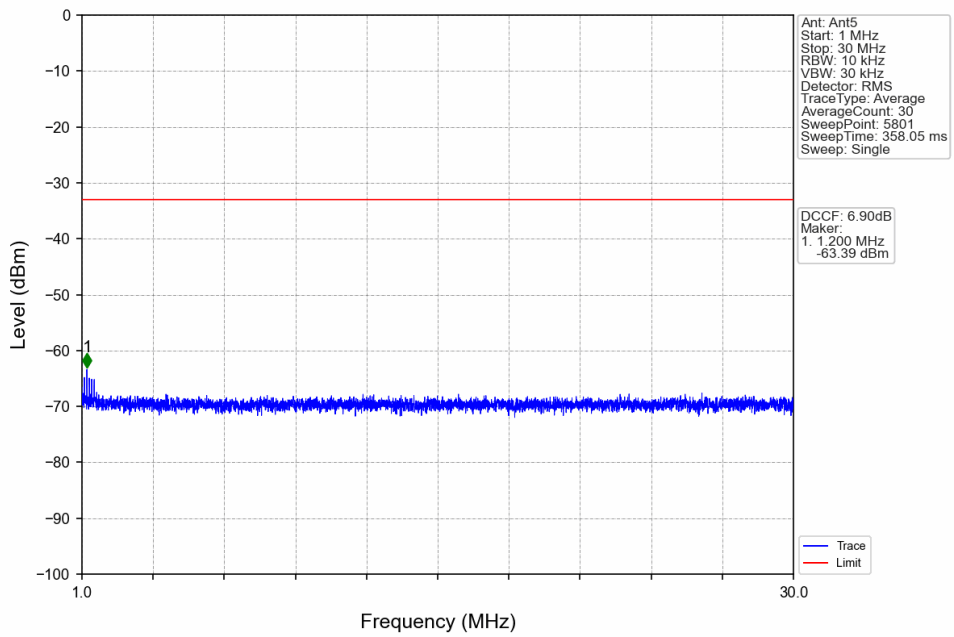


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3949.98	3979.98	0.0051	0	1	3949.980	-62.81	-13	Pass
3979.98	3979.98	0.0051	0	/	/	/	/	/
3979.98	3980.98	0.0051	0	2	3980.035	-37.41	-13	Pass
3980.98	3984.98	0.5	19.91	3	3982.266	-22.99	-13	Pass
3984.98	3985	1	22.92	4	3985.000	-38.92	-13	Pass

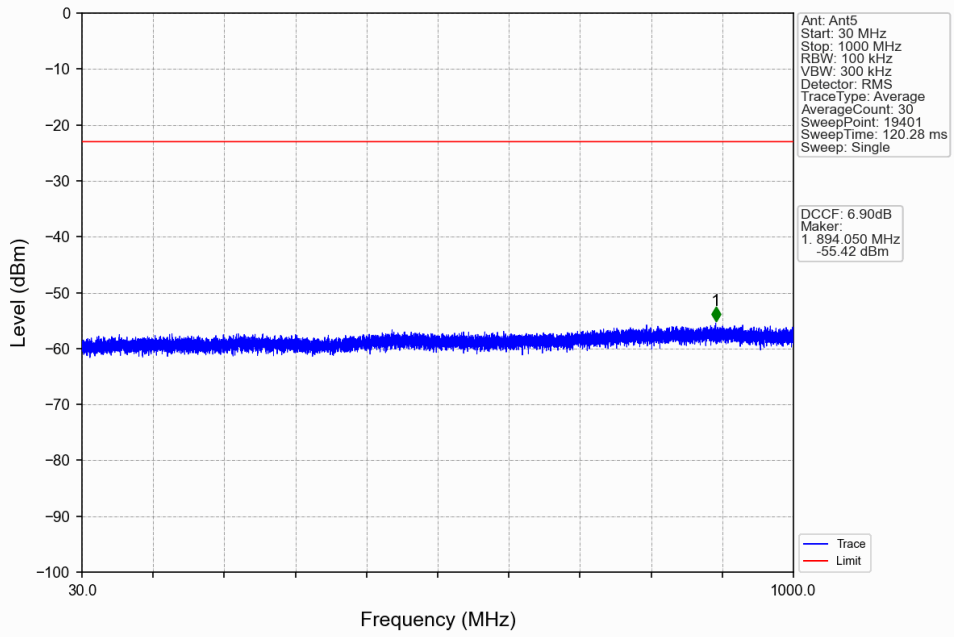
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3964.98MHz_Edge_1RB_Right



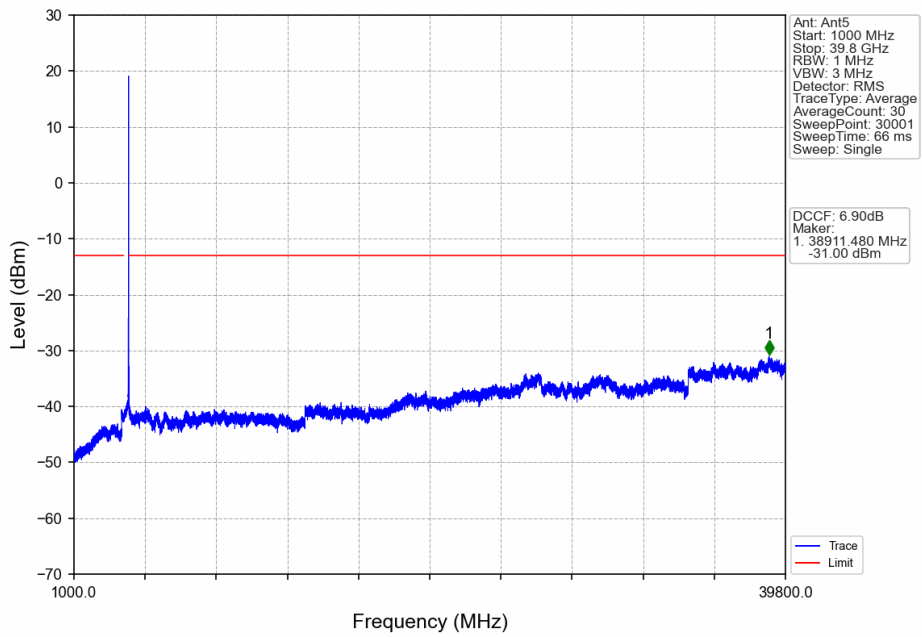
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3964.98MHz_Edge_1RB_Right



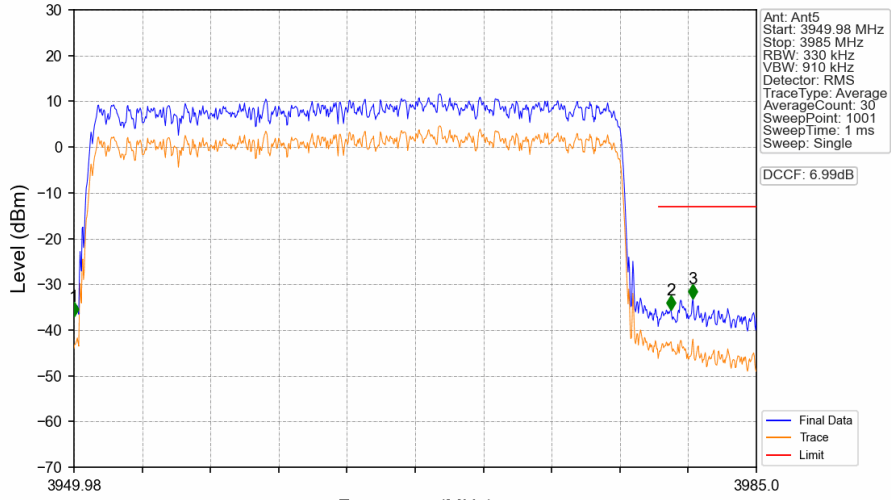
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3964.98MHz_Edge_1RB_Right



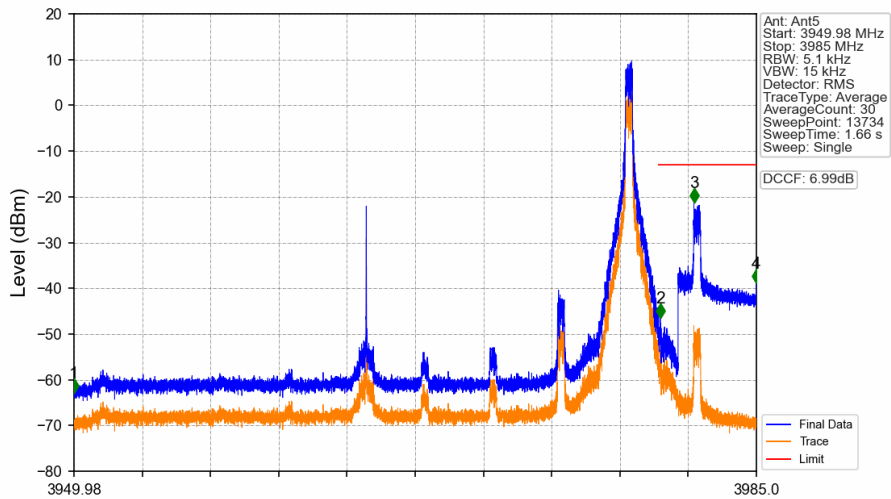
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3964.98MHz_Edge_1RB_Right



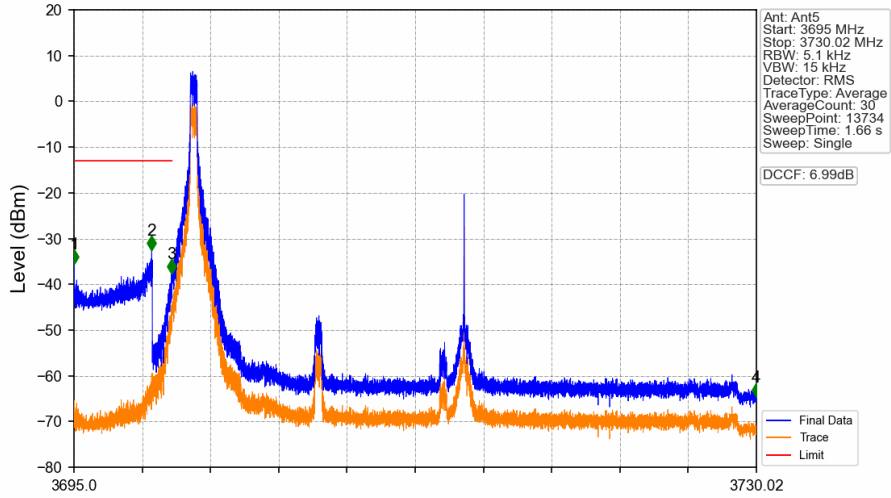
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK 3964.98MHz_Outer_Full



n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK 3964.98MHz_Inner_1RB_Right

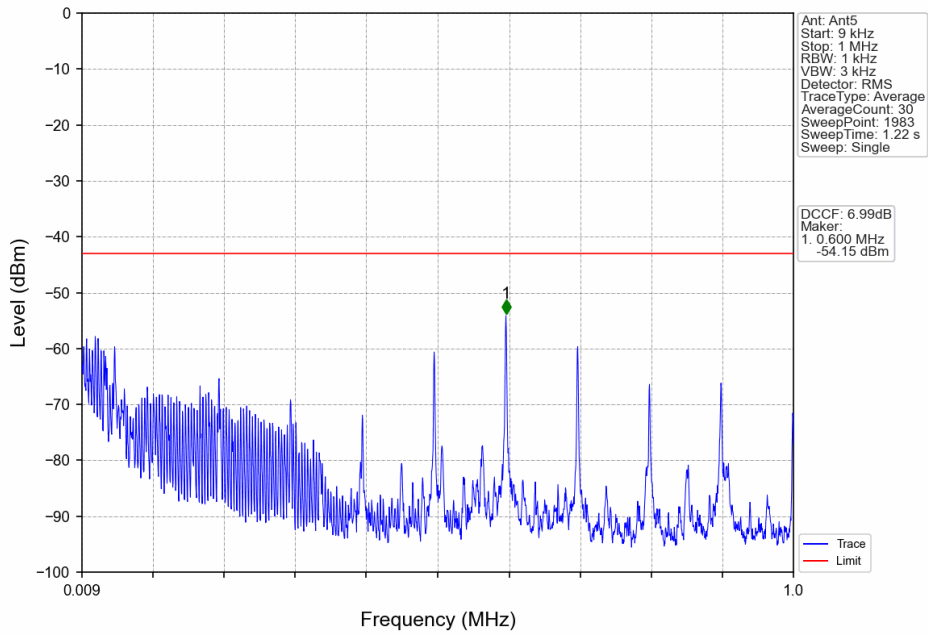


n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_3715.02MHz_Edge_1RB_Left

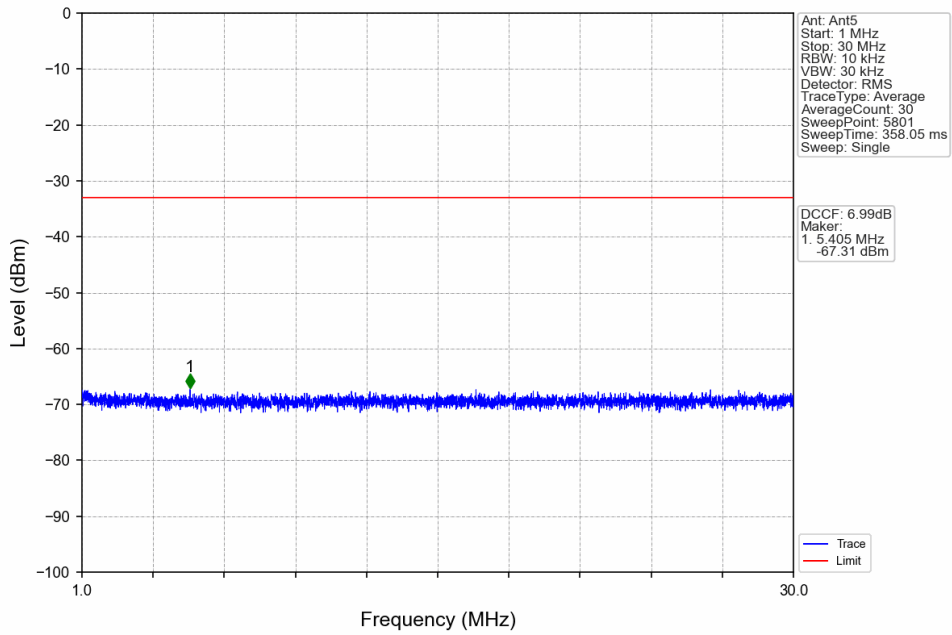


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	22.92	1	3695.005	-35.50	-13	Pass
3695.02	3699.02	0.5	19.91	2	3698.991	-32.59	-13	Pass
3699.02	3700.02	0.0051	0	3	3699.990	-37.66	-13	Pass
3700.02	3730.02	0.0051	0	4	3730.020	-64.72	-13	Pass

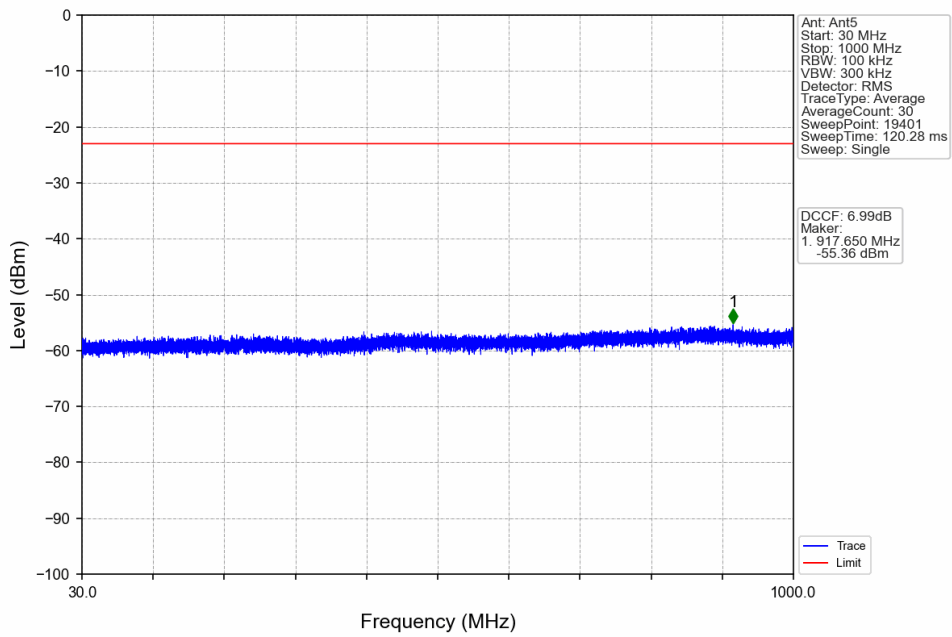
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_3715.02MHz_Edge_1RB_Left



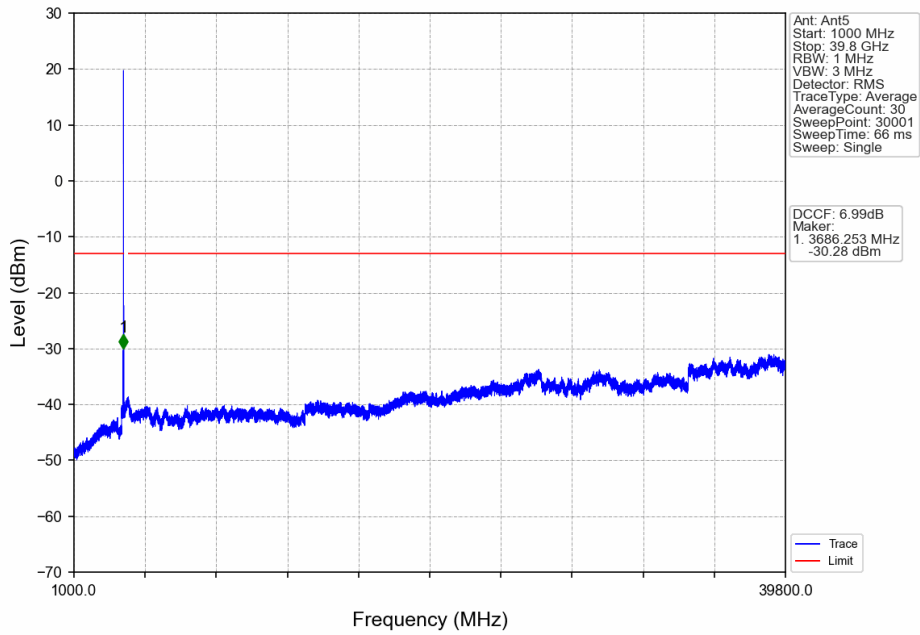
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_3715.02MHz_Edge_1RB_Left



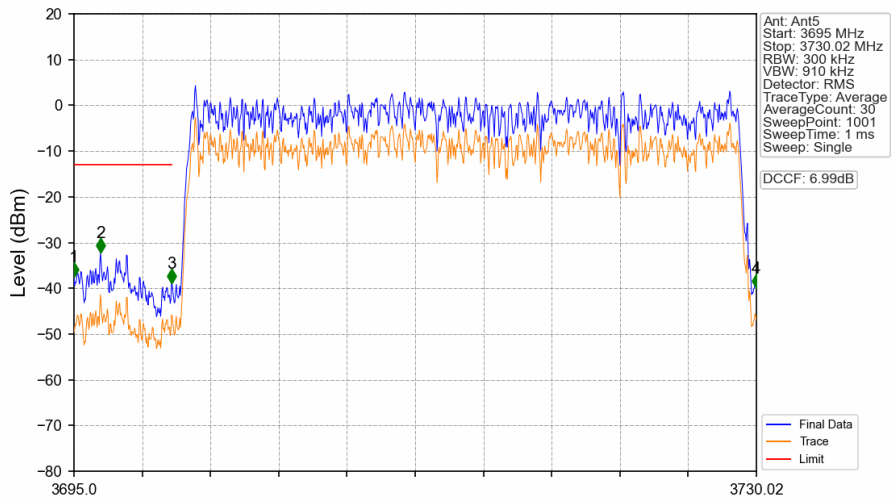
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_3715.02MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_3715.02MHz_Edge_1RB_Left

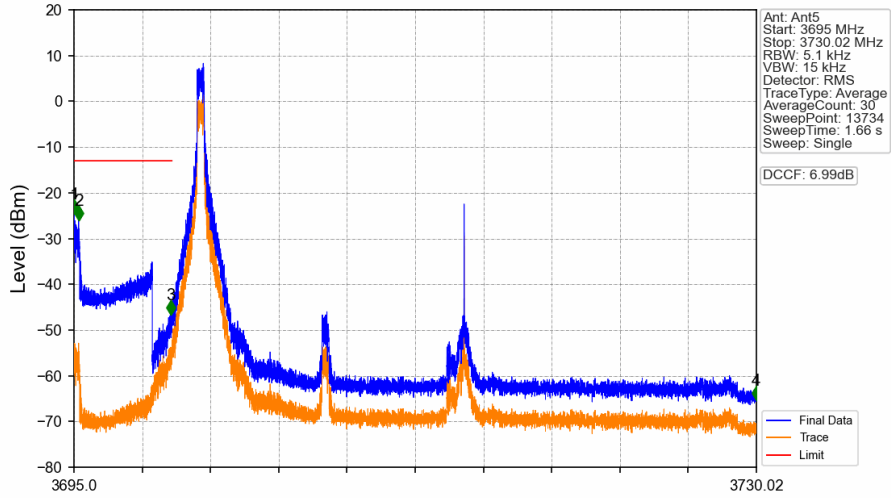


n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_3715.02MHz_Outer_Full



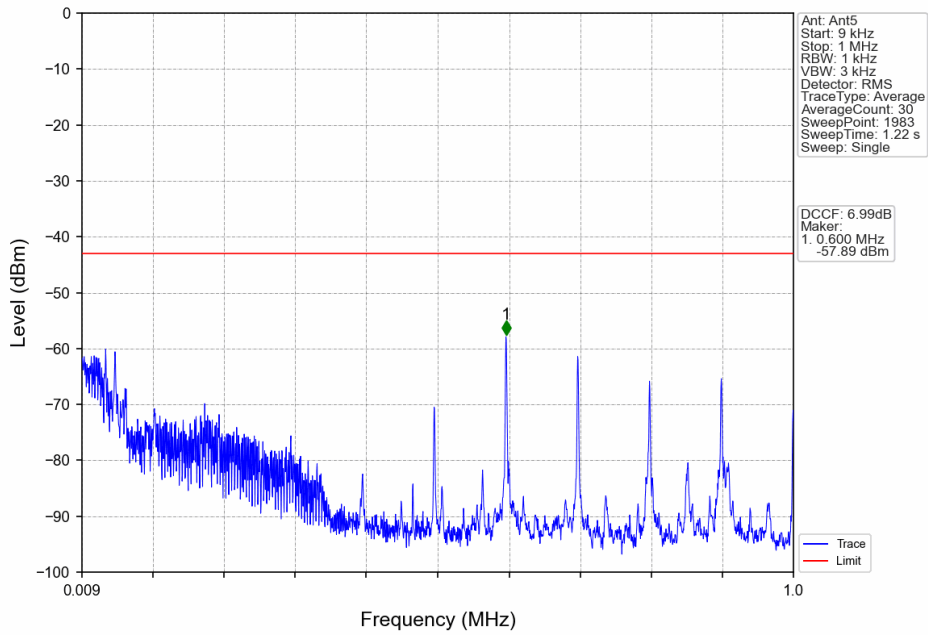
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	5.23	1	3695.000	-37.48	-13	Pass
3695.02	3699.02	0.5	2.22	2	3696.366	-32.15	-13	Pass
3699.02	3700.02	0.3	0	3	3700.008	-38.85	-13	Pass
3700.02	3730.02	0.3	0	4	3730.020	-39.93	-13	Pass

n77a_30kHz_SISO_NTV_30MHz_CP-OFDM QPSK_3715.02MHz_Inner_1RB_Left

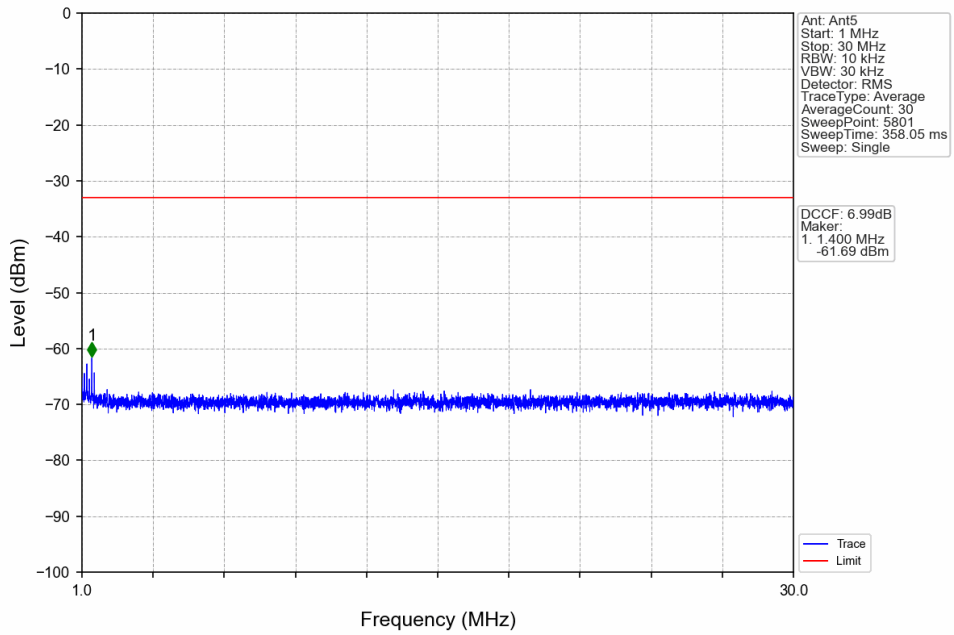


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	22.92	1	3695.005	-24.70	-13	Pass
3695.02	3699.02	0.5	19.91	2	3695.237	-25.98	-13	Pass
3699.02	3700.02	0.0051	0	3	3699.960	-46.74	-13	Pass
3700.02	3730.02	0.0051	0	4	3730.020	-65.37	-13	Pass

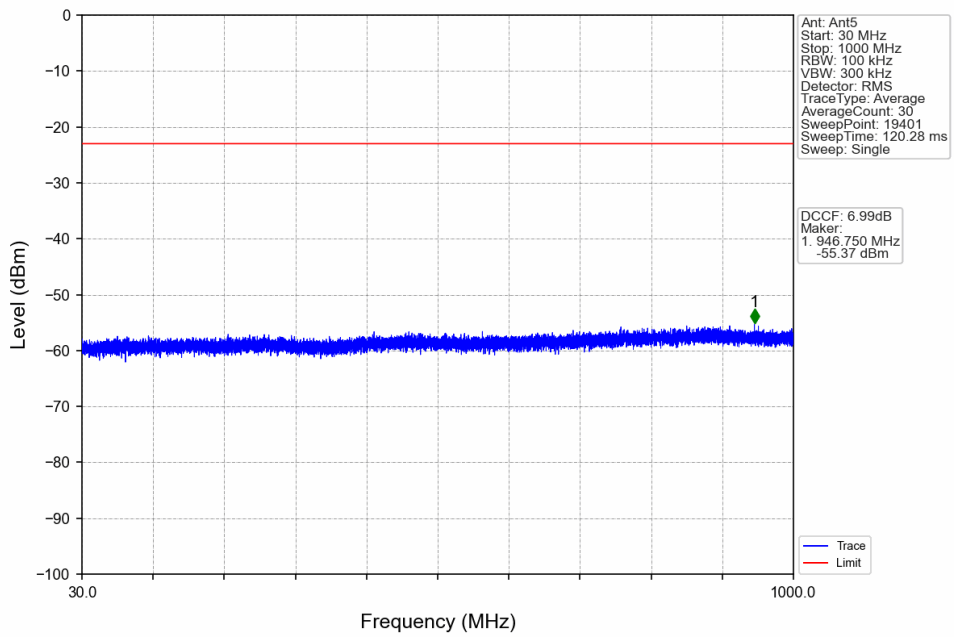
n77a_30kHz_SISO_NTV_30MHz_CP-OFDM QPSK_3840MHz_Edge_1RB_Left



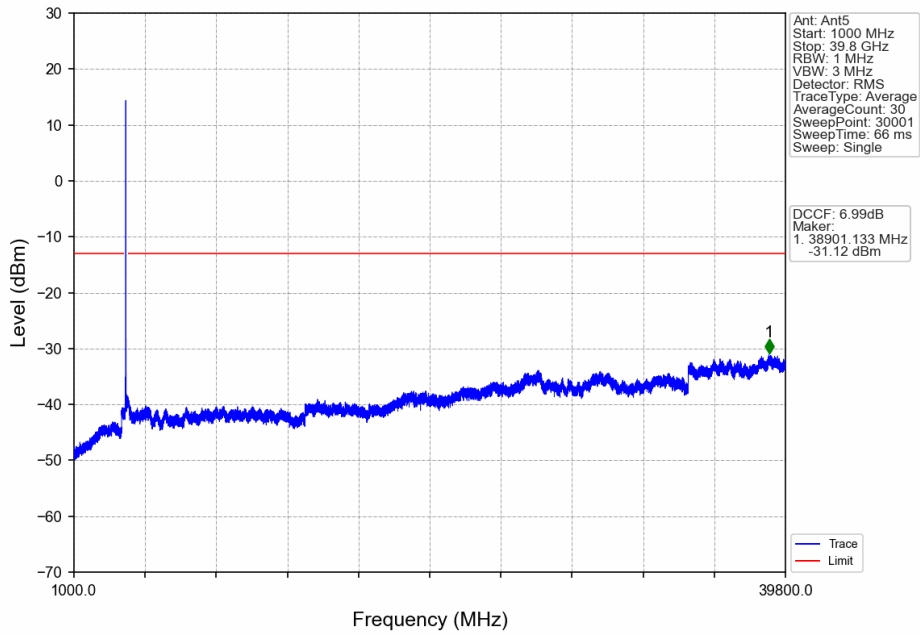
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3840MHz_Edge_1RB_Left



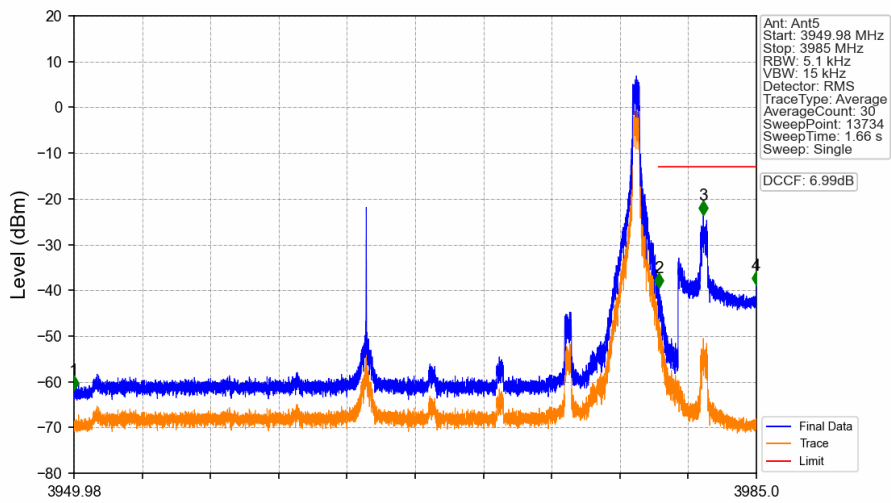
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3840MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTV_30MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left

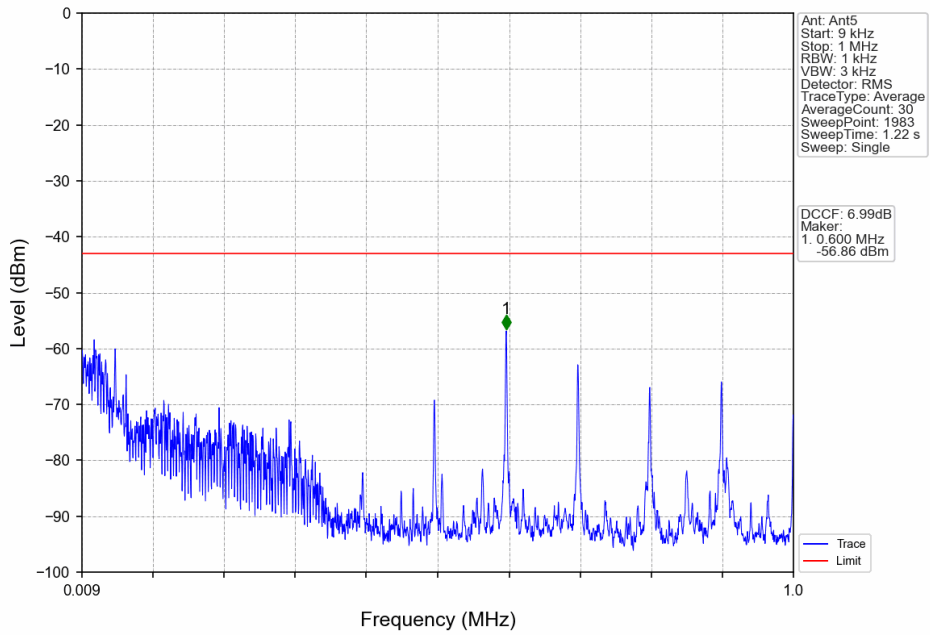


n77a_30kHz_SISO_NTV_30MHz_CP-OFDM_QPSK_3964.98MHz_Edge_1RB_Right

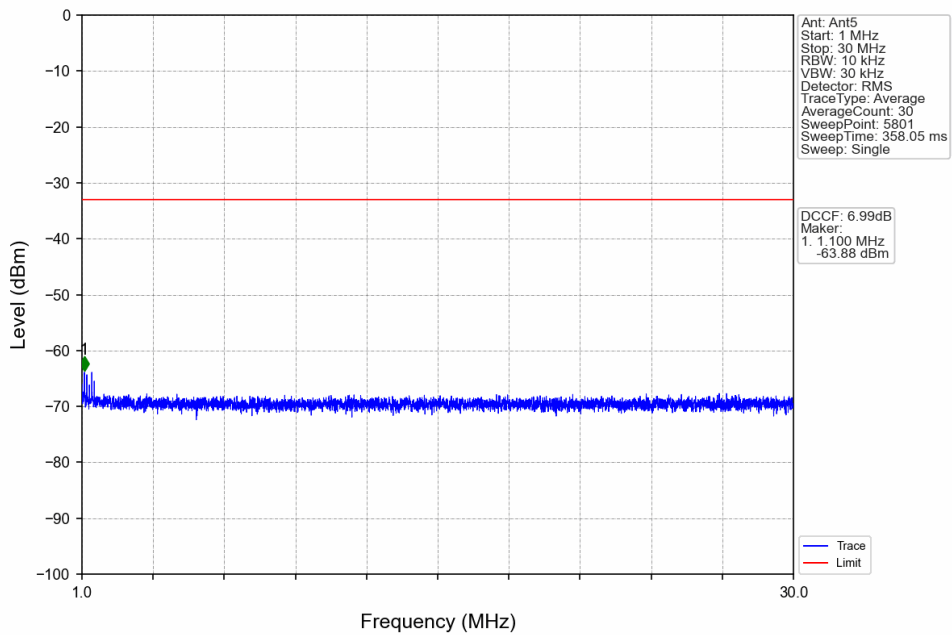


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3949.98	3979.98	0.0051	0	1	3949.980	-61.79	-13	Pass
3979.98	3979.98	0.0051	0	/	/	/	/	/
3979.98	3980.98	0.0051	0	2	3980.007	-39.49	-13	Pass
3980.98	3984.98	0.5	19.91	3	3982.274	-23.63	-13	Pass
3984.98	3985	1	22.92	4	3984.992	-38.87	-13	Pass

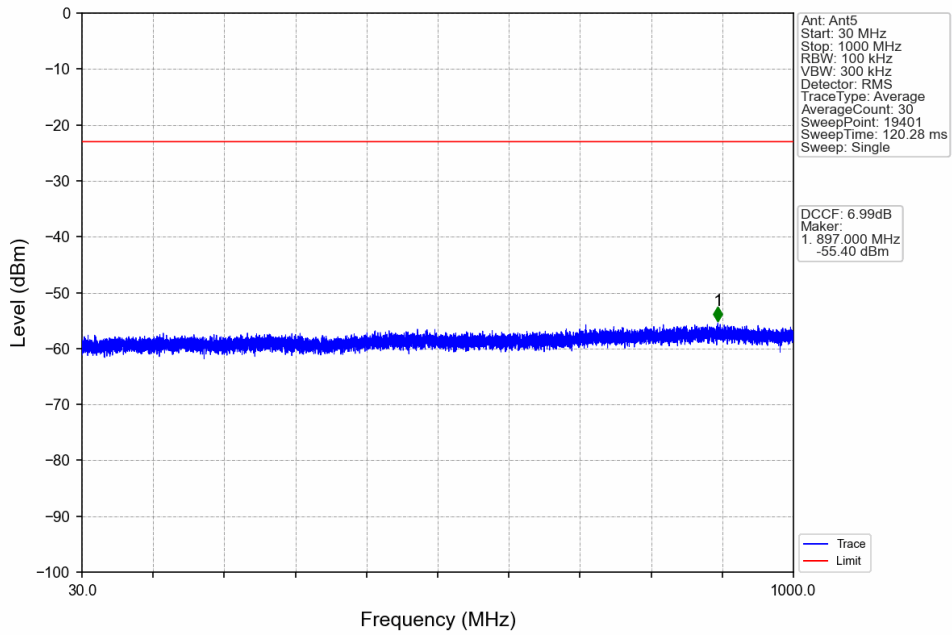
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_3964.98MHz_Edge_1RB_Right



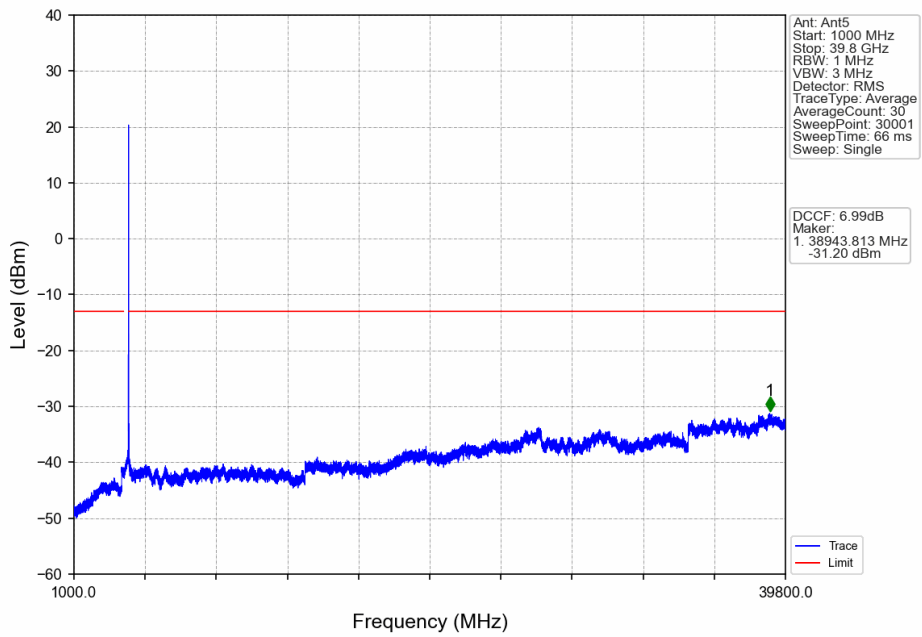
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_3964.98MHz_Edge_1RB_Right



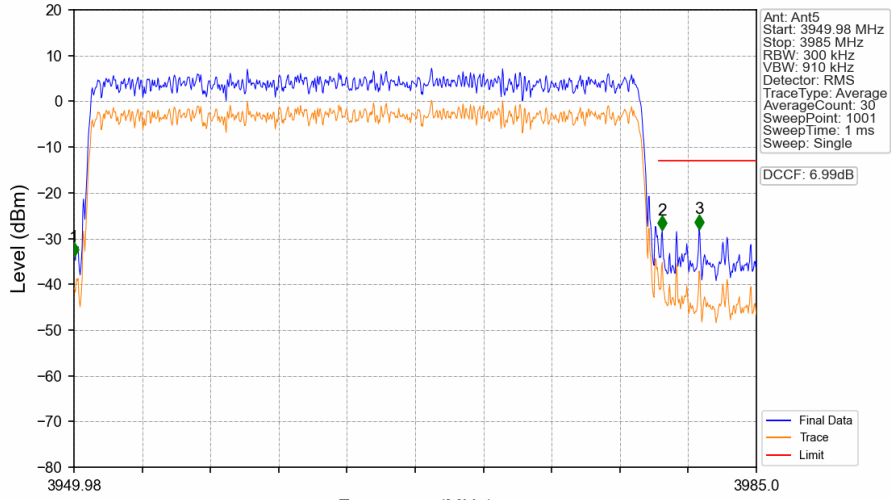
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3964.98MHz_Edge_1RB_Right



n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3964.98MHz_Edge_1RB_Right

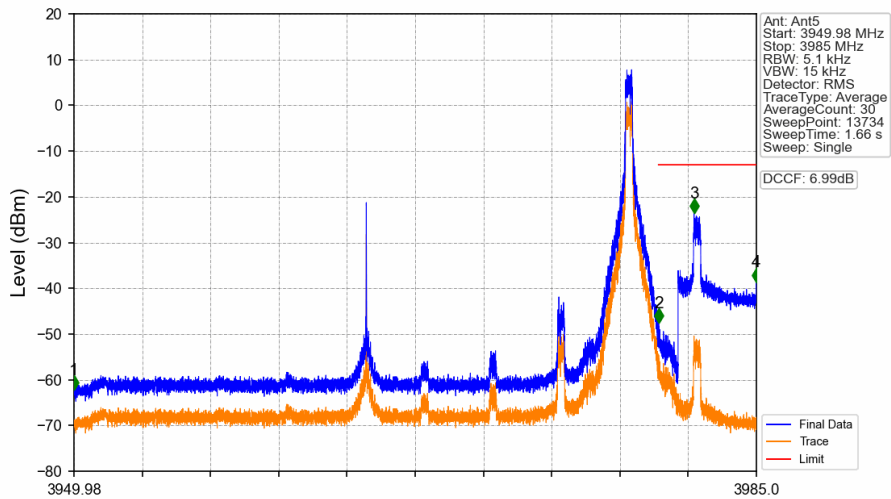


n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3964.98MHz_Outer_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3949.98	3979.98	0.3	0	1	3949.980	-33.95	-13	Pass
3979.98	3979.98	0.3	0	/	/	/	/	/
3979.98	3980.98	0.3	0	2	3980.167	-28.20	-13	Pass
3980.98	3984.98	0.5	2.22	3	3982.058	-27.91	-13	Pass

n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_3964.98MHz_Inner_1RB_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3949.98	3979.98	0.0051	0	1	3949.980	-62.23	-13	Pass
3979.98	3979.98	0.0051	0	/	/	/	/	/
3979.98	3980.98	0.0051	0	2	3979.984	-47.59	-13	Pass
3980.98	3984.98	0.5	19.91	3	3981.800	-23.52	-13	Pass
3984.98	3985	1	22.92	4	3984.982	-38.64	-13	Pass

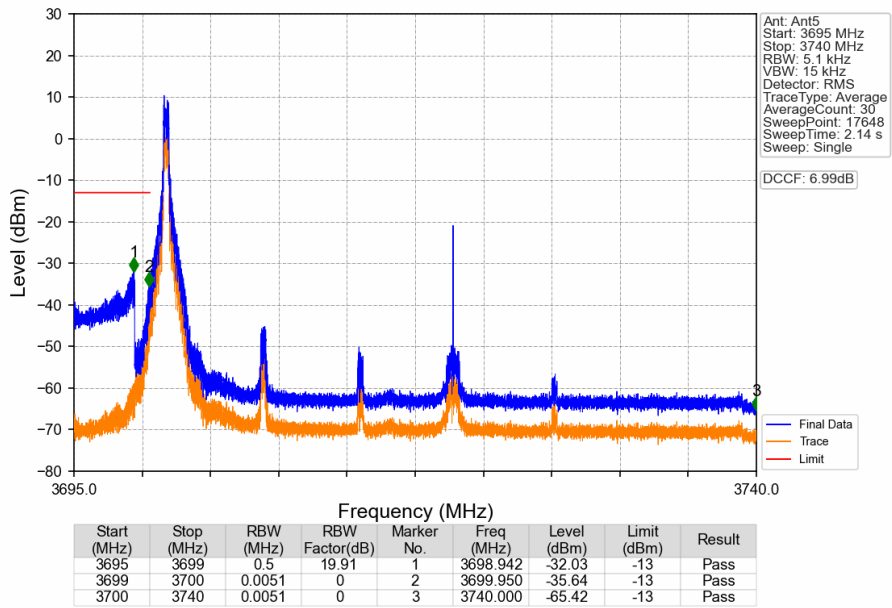
1.3 30k_SISO_40MHz_NTNV

1.3.1 Test Result

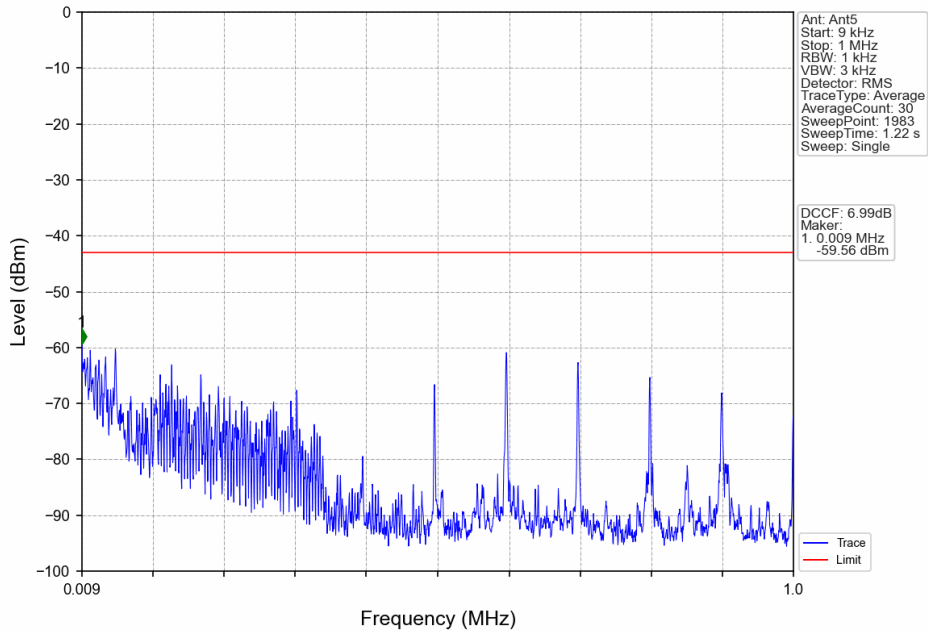
5G NR n77a SCS=30kHz SISO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict	
			Ant5	Ant2	Sum		Limit
DFT-s-OFDM QPSK	3720	Edge_1RB_Left	Refer To Test Graph			Pass	
		Outer_Full	Refer To Test Graph			Pass	
		Inner_1RB_Left	Refer To Test Graph			Pass	
	3840	Edge_1RB_Left	Refer To Test Graph			Pass	
		3960	Edge_1RB_Right	Refer To Test Graph			Pass
			Outer_Full	Refer To Test Graph			Pass
CP-OFDM QPSK	3720	Inner_1RB_Right	Refer To Test Graph			Pass	
		Edge_1RB_Left	Refer To Test Graph			Pass	
		Outer_Full	Refer To Test Graph			Pass	
	3840	Inner_1RB_Left	Refer To Test Graph			Pass	
		Edge_1RB_Left	Refer To Test Graph			Pass	
		3960	Edge_1RB_Right	Refer To Test Graph			Pass
	Outer_Full		Refer To Test Graph			Pass	
	Inner_1RB_Right		Refer To Test Graph			Pass	

1.3.2 Test Graph

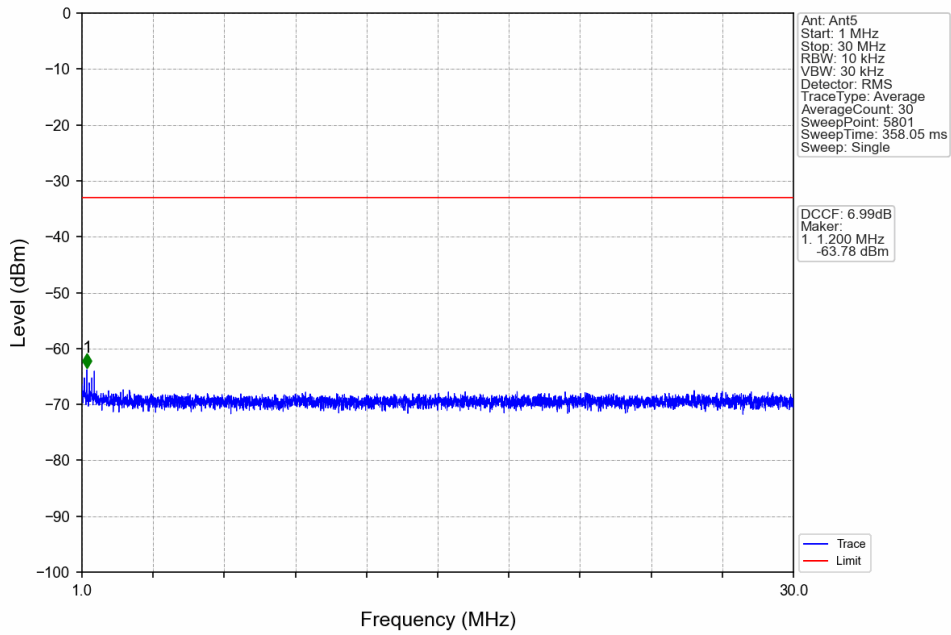
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3720MHz_Edge_1RB_Left



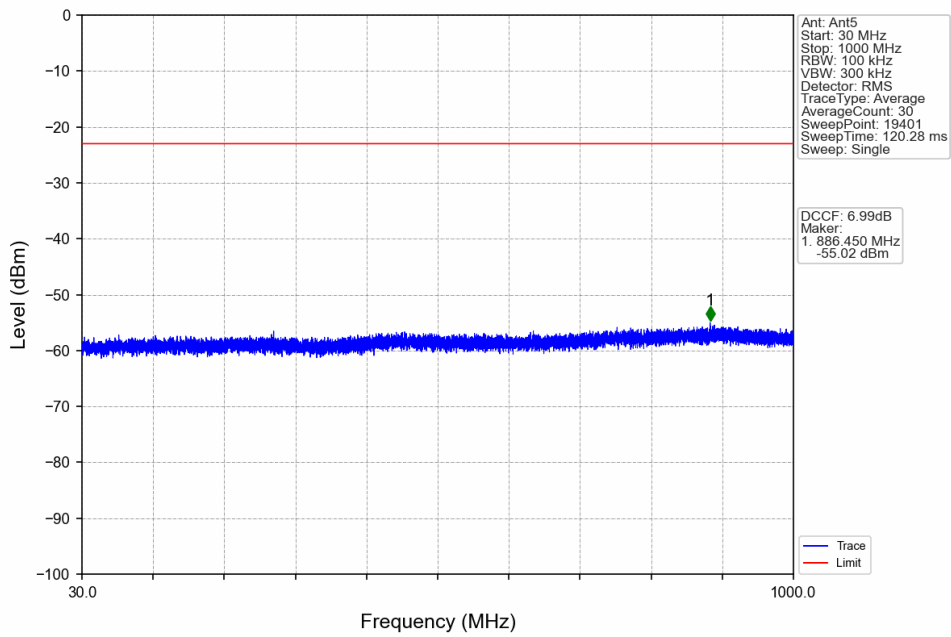
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3720MHz_Edge_1RB_Left



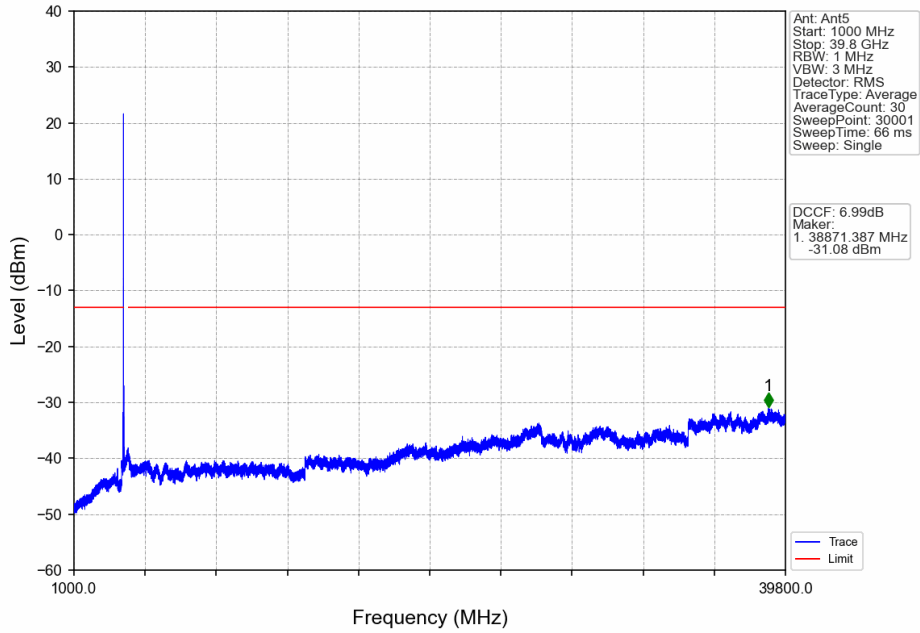
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3720MHz_Edge_1RB_Left



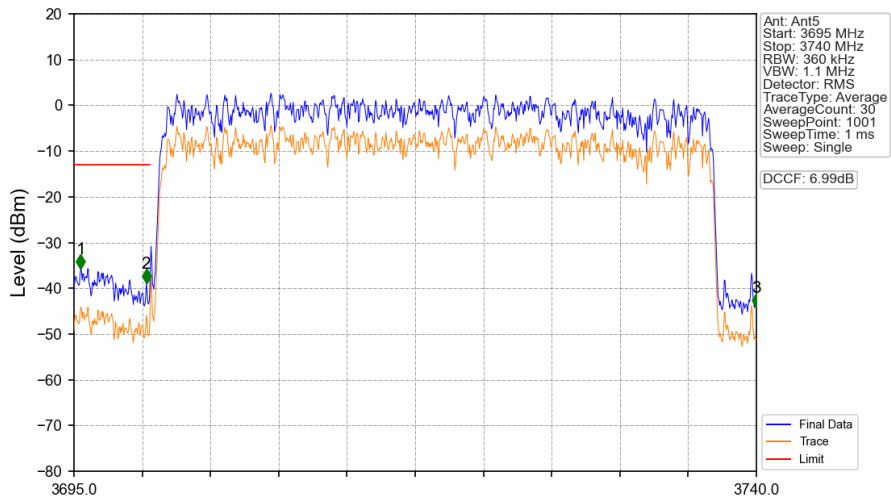
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3720MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3720MHz_Edge_1RB_Left

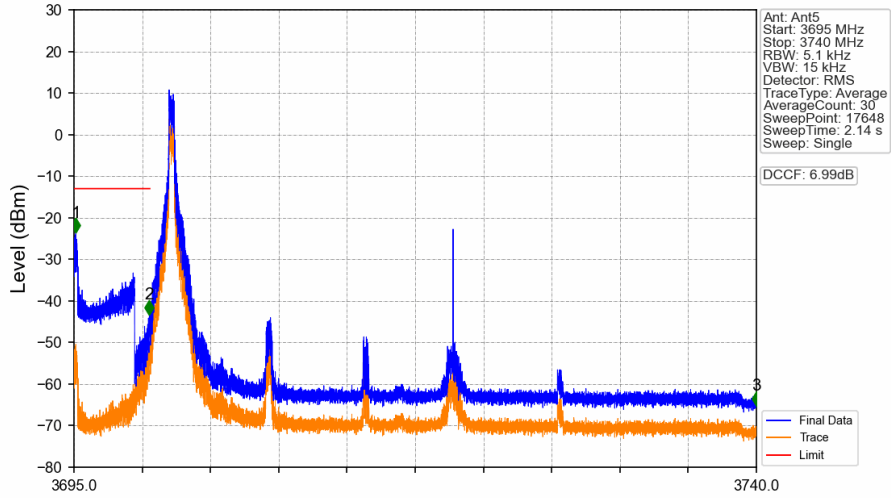


n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3720MHz_Outer_Full



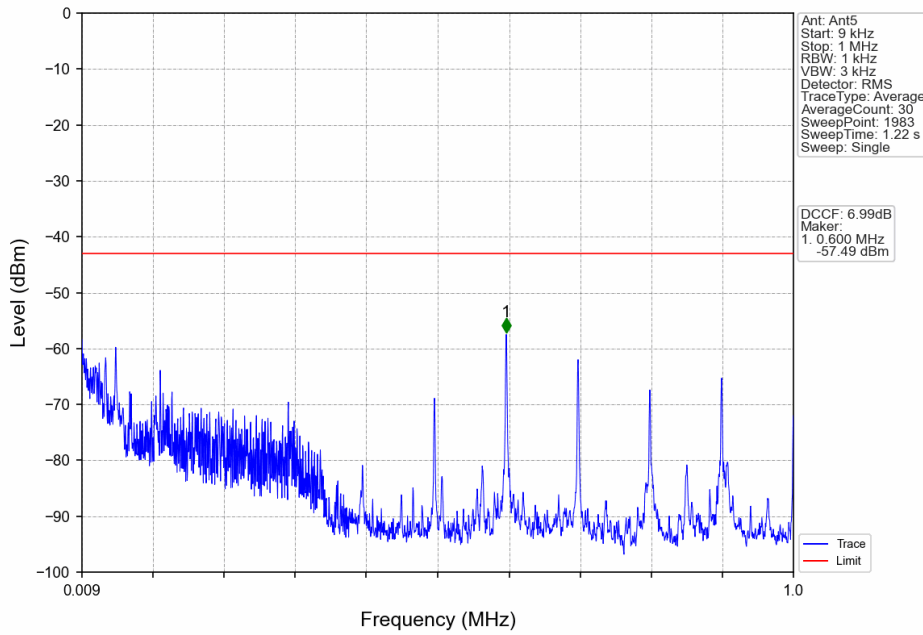
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	1.43	1	3695.450	-35.68	-13	Pass
3699	3700	0.36	0	2	3699.770	-38.93	-13	Pass
3700	3740	0.36	0	3	3740.000	-44.23	-13	Pass

n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3720MHz_Inner_1RB_Left

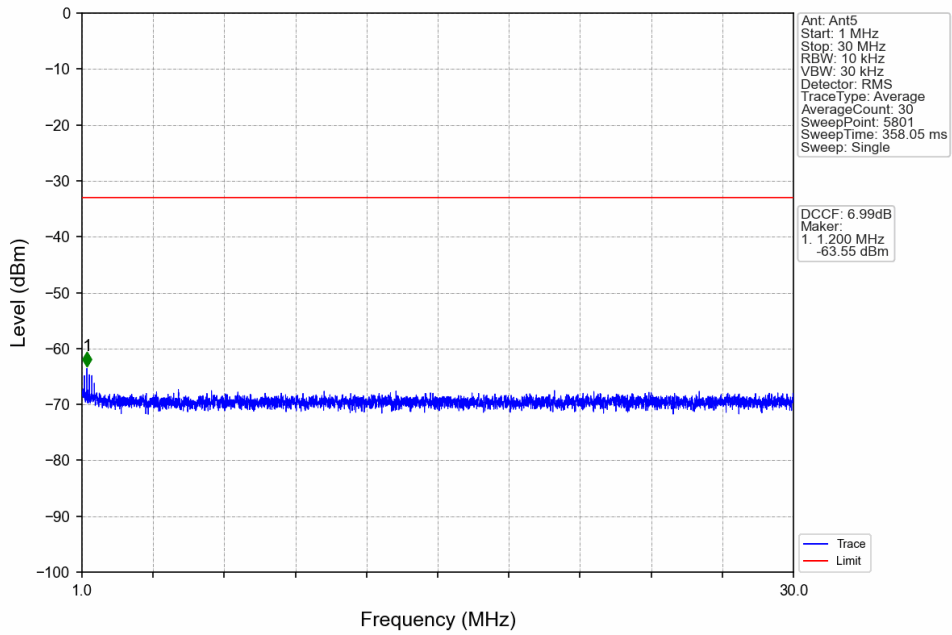


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	19.91	1	3695.122	-23.54	-13	Pass
3699	3700	0.0051	0	2	3699.973	-43.26	-13	Pass
3700	3740	0.0051	0	3	3740.000	-65.16	-13	Pass

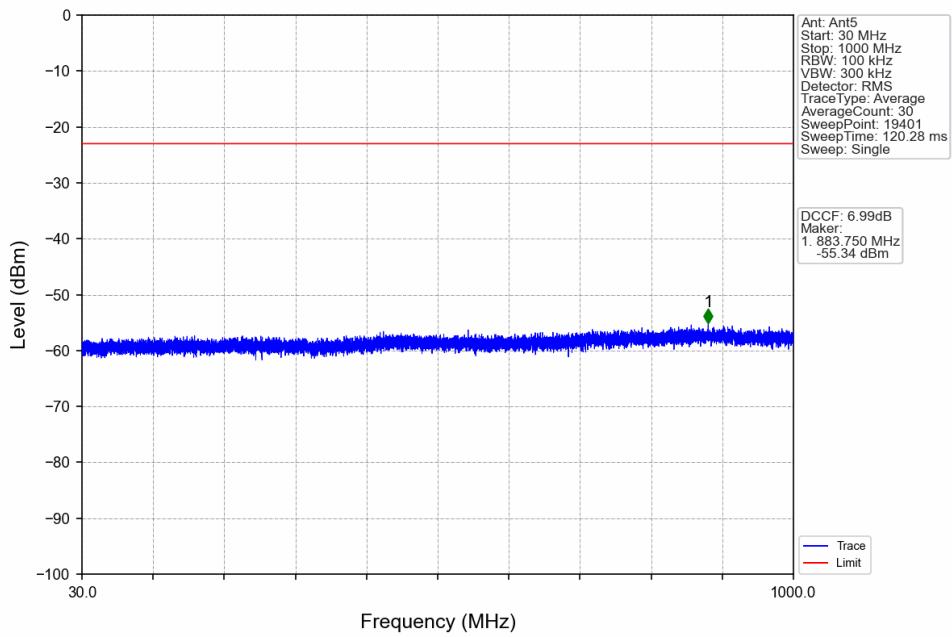
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left



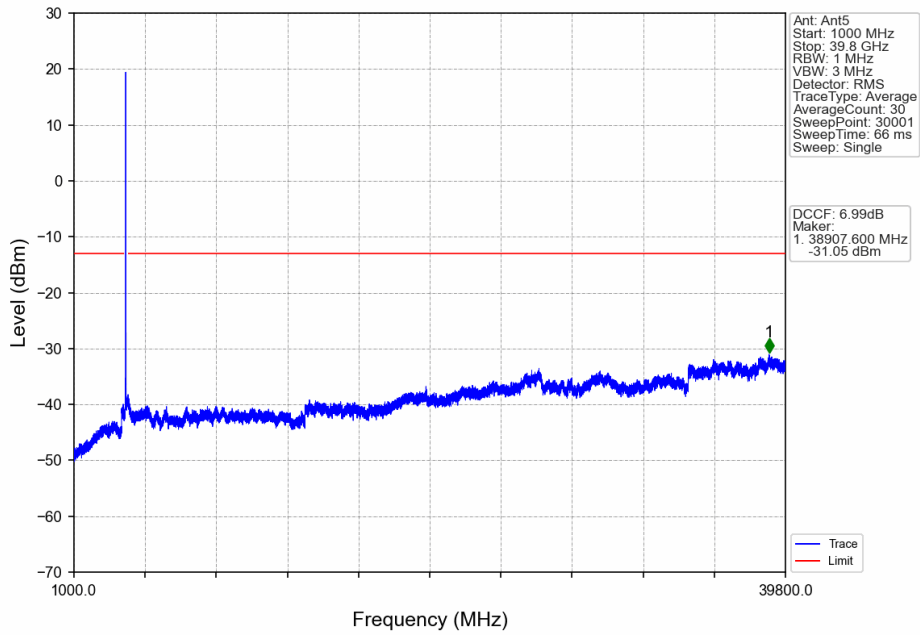
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left



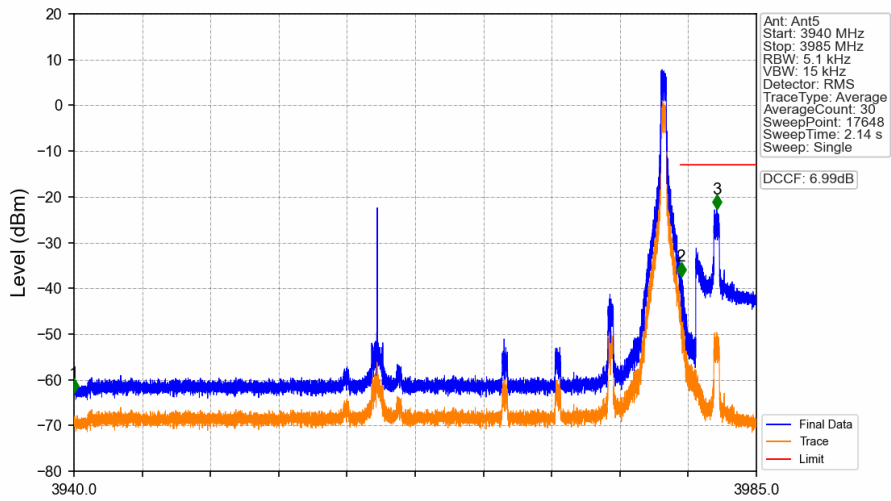
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left

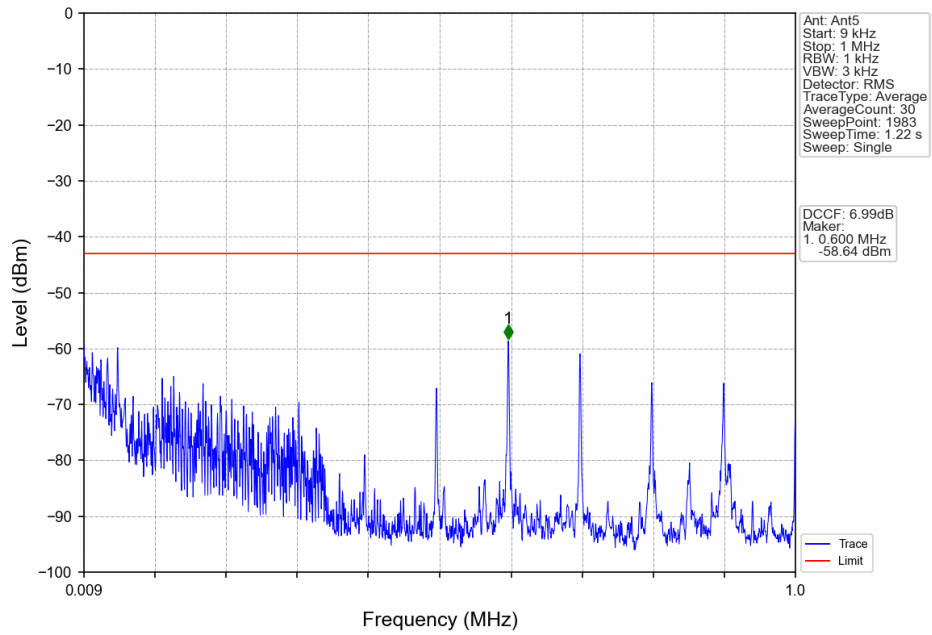


n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3960MHz_Edge_1RB_Right

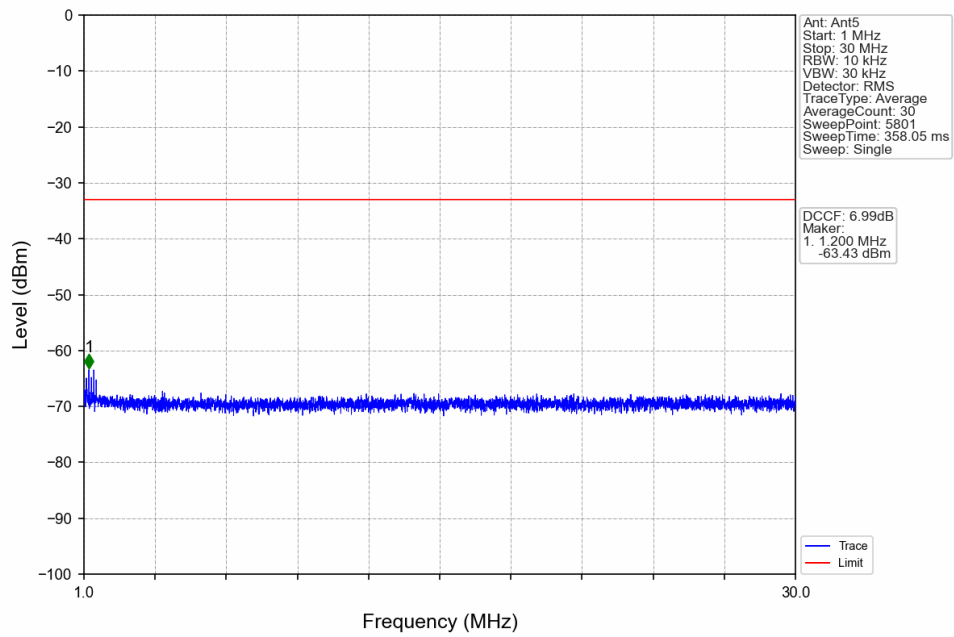


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3940	3980	0.0051	0	1	3940.000	-62.94	-13	Pass
3980	3980	0.0051	0	/	/	/	/	/
3980	3981	0.0051	0	2	3980.027	-37.41	-13	Pass
3981	3985	0.5	19.91	3	3982.386	-22.75	-13	Pass

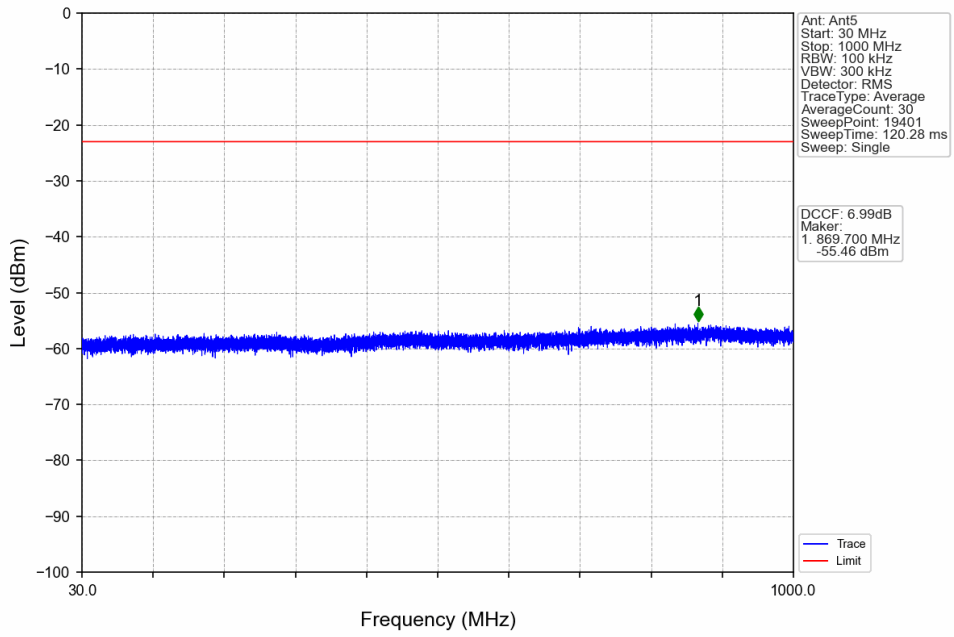
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3960MHz_Edge_1RB_Right



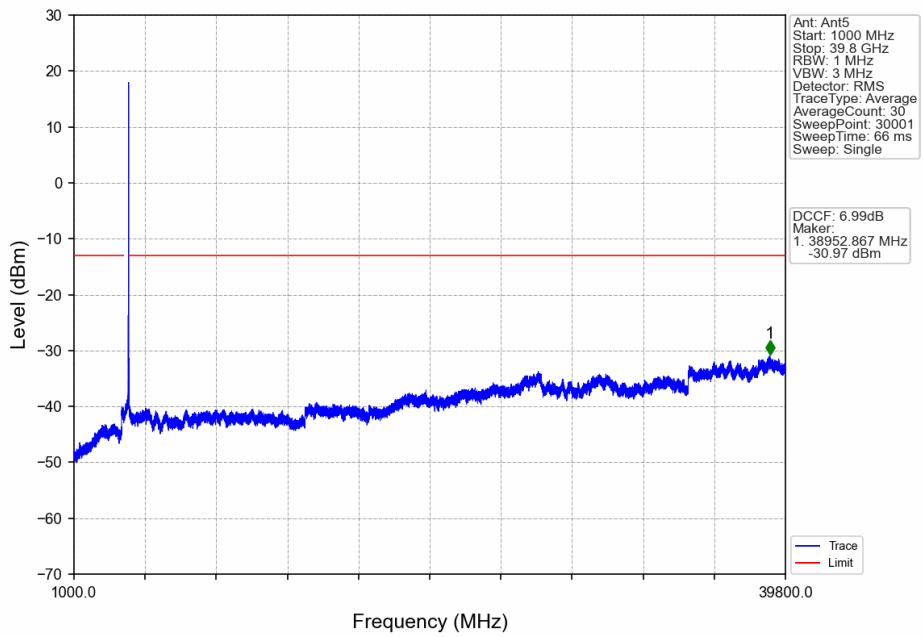
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3960MHz_Edge_1RB_Right



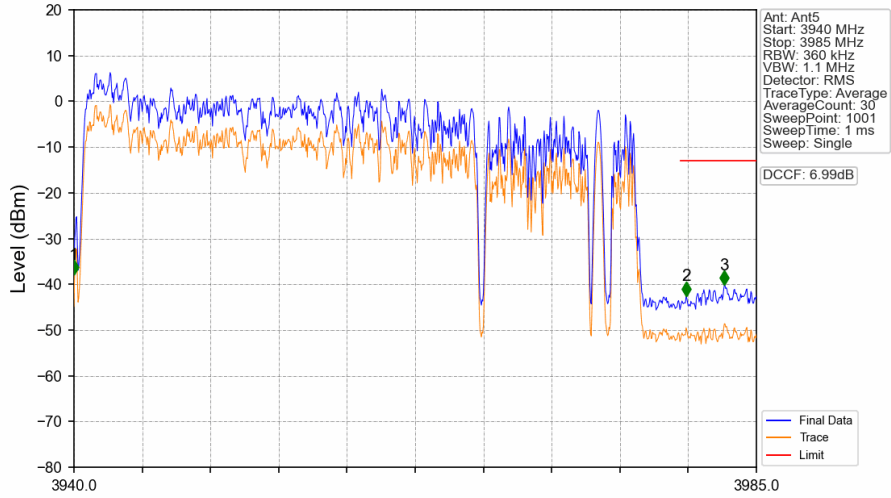
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3960MHz_Edge_1RB_Right



n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3960MHz_Edge_1RB_Right

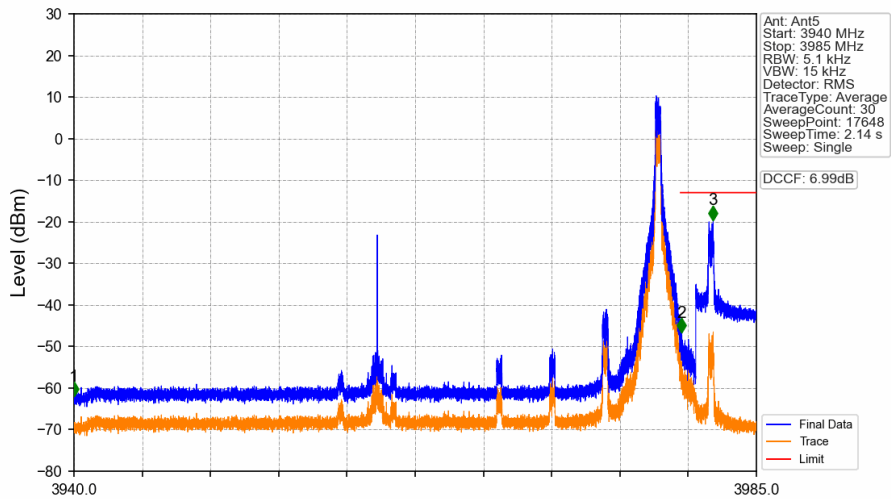


n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3960MHz_Outer_Full



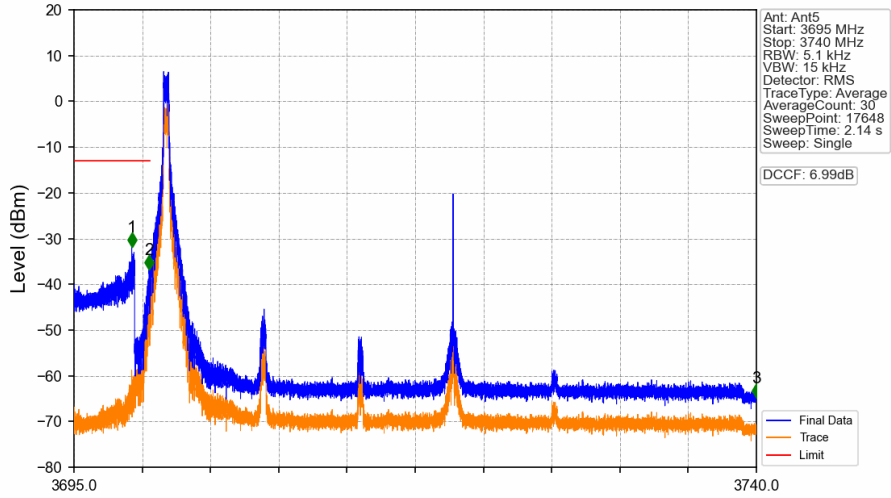
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3940	3980	0.36	0	1	3940.000	-37.87	-13	Pass
3980	3980	0.36	0	/	/	/	/	/
3980	3981	0.36	0	2	3980.365	-42.53	-13	Pass
3981	3985	0.5	1.43	3	3982.885	-40.22	-13	Pass

n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3960MHz_Inner_1RB_Right



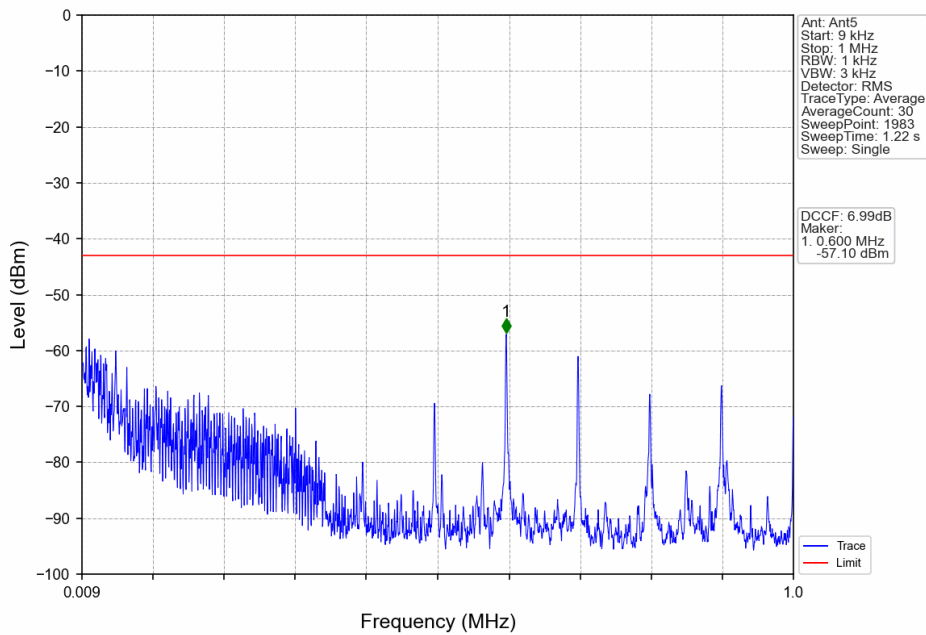
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3940	3980	0.0051	0	1	3940.000	-62.04	-13	Pass
3980	3980	0.0051	0	/	/	/	/	/
3980	3981	0.0051	0	2	3980.078	-46.60	-13	Pass
3981	3985	0.5	19.91	3	3982.152	-19.59	-13	Pass

n77a_30kHz_SISO_NTV_40MHz_CP-OFDM_QPSK_3720MHz_Edge_1RB_Left

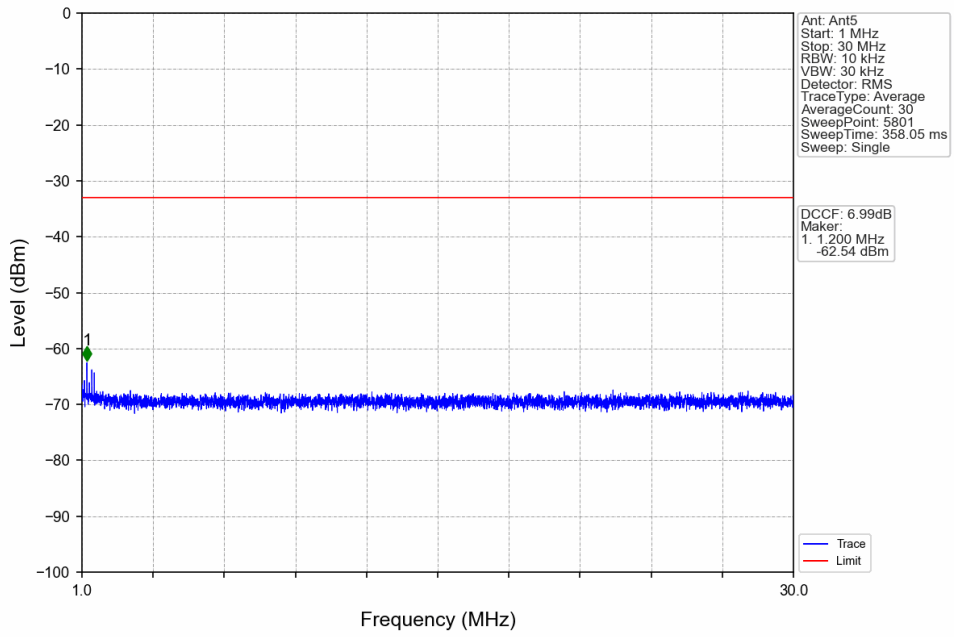


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	19.91	1	3698.807	-31.85	-13	Pass
3699	3700	0.0051	0	2	3699.962	-36.80	-13	Pass
3700	3740	0.0051	0	3	3740.000	-64.78	-13	Pass

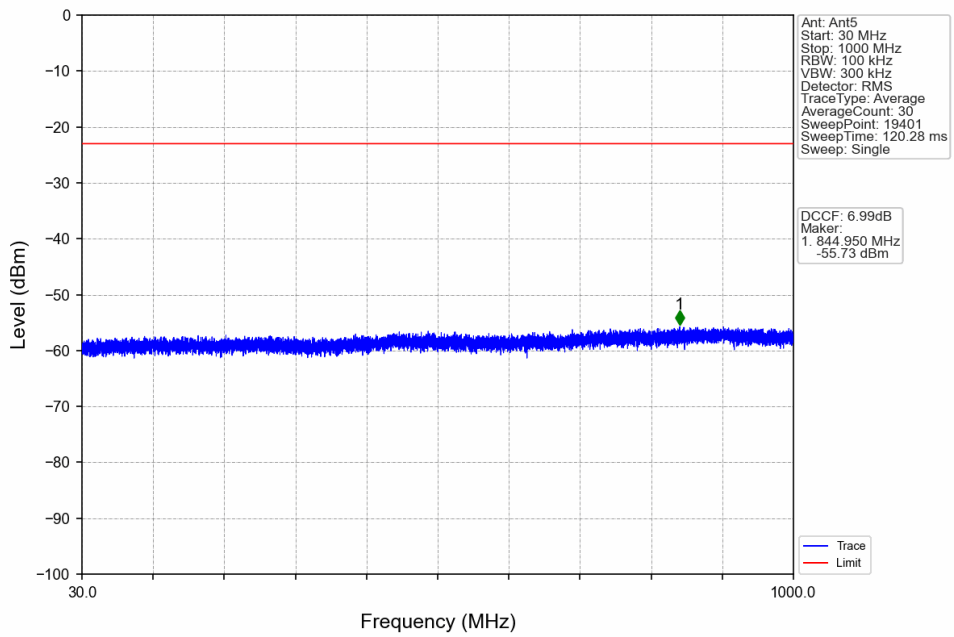
n77a_30kHz_SISO_NTV_40MHz_CP-OFDM_QPSK_3720MHz_Edge_1RB_Left



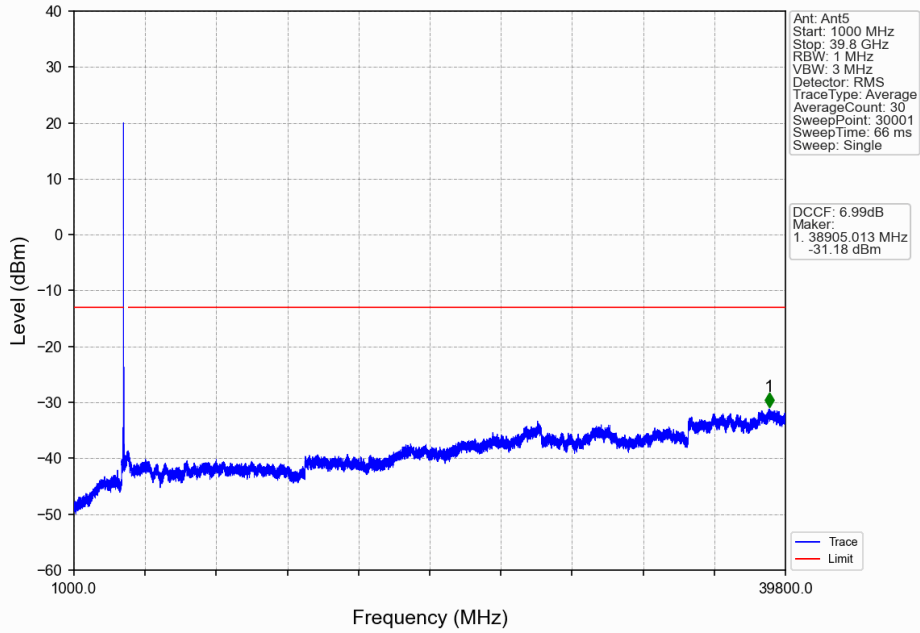
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3720MHz_Edge_1RB_Left



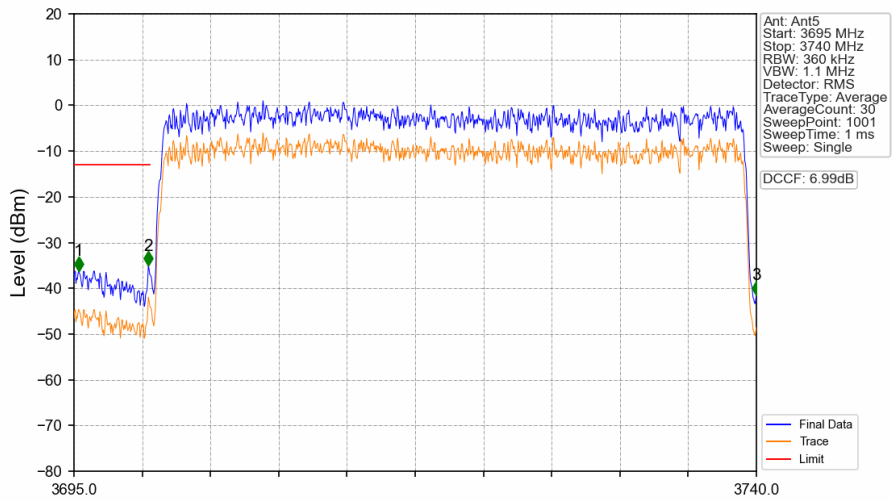
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3720MHz_Edge_1RB_Left



n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3720MHz_Edge_1RB_Left

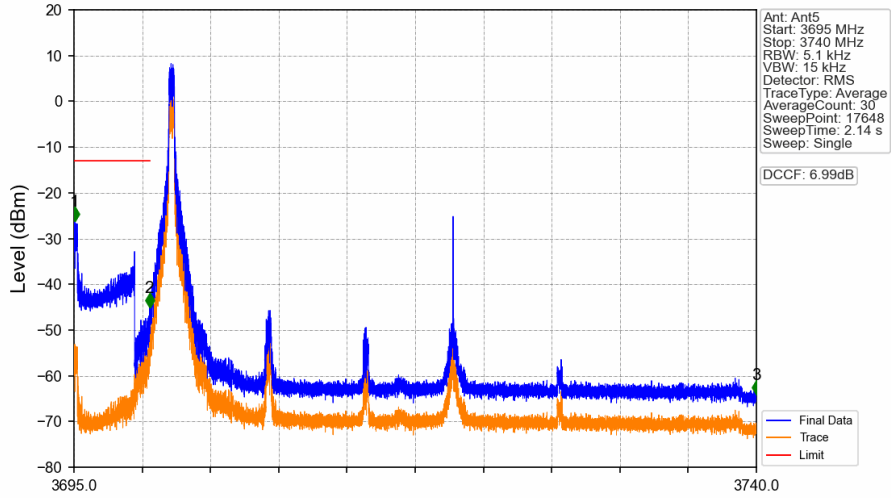


n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3720MHz_Outer_Full



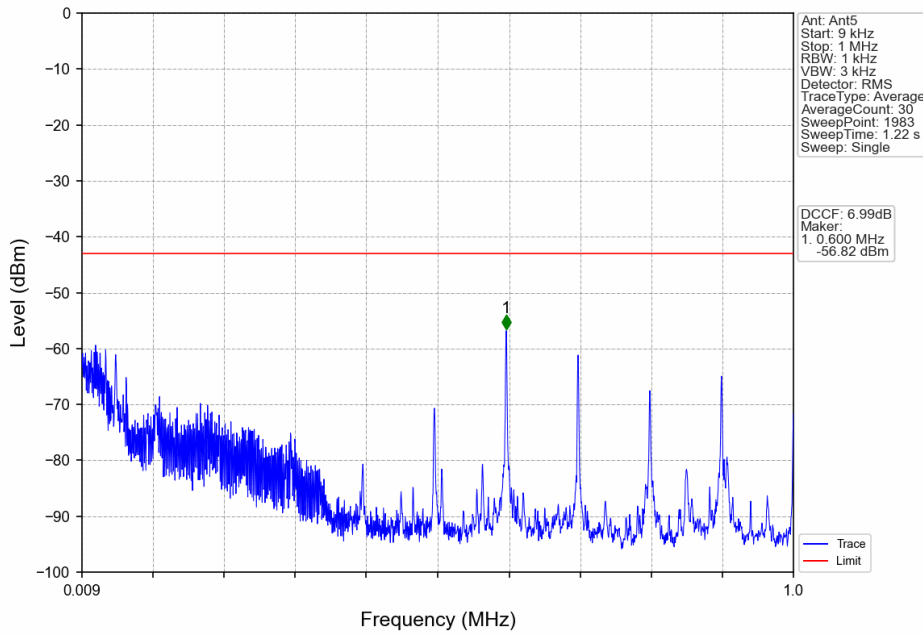
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	1.43	1	3695.315	-36.18	-13	Pass
3699	3700	0.36	0	2	3699.905	-35.01	-13	Pass
3700	3740	0.36	0	3	3740.000	-41.47	-13	Pass

n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3720MHz_Inner_1RB_Left

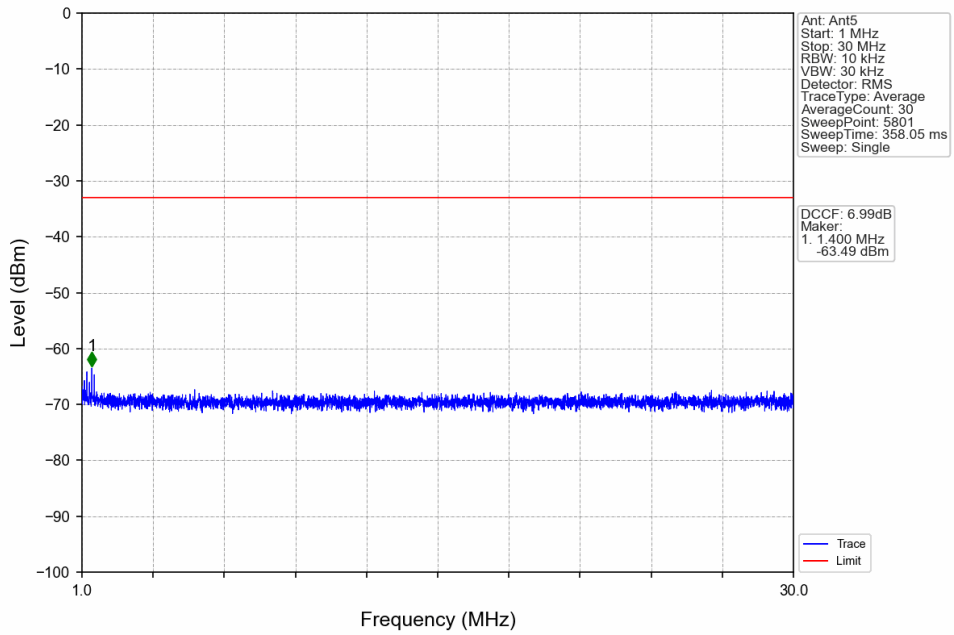


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	19.91	1	3695.054	-26.22	-13	Pass
3699	3700	0.0051	0	2	3699.983	-45.07	-13	Pass
3700	3740	0.0051	0	3	3740.000	-64.11	-13	Pass

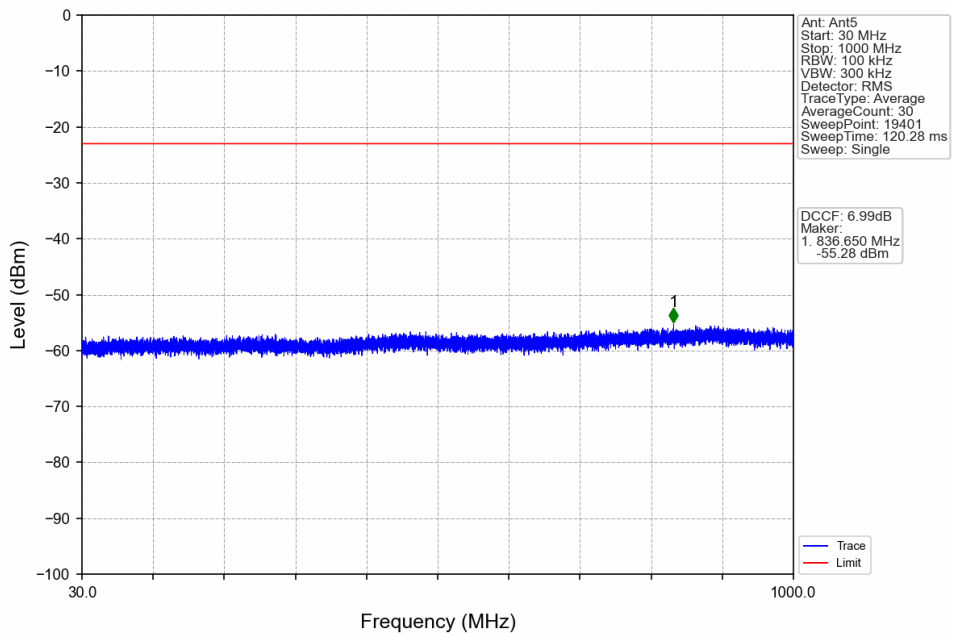
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left



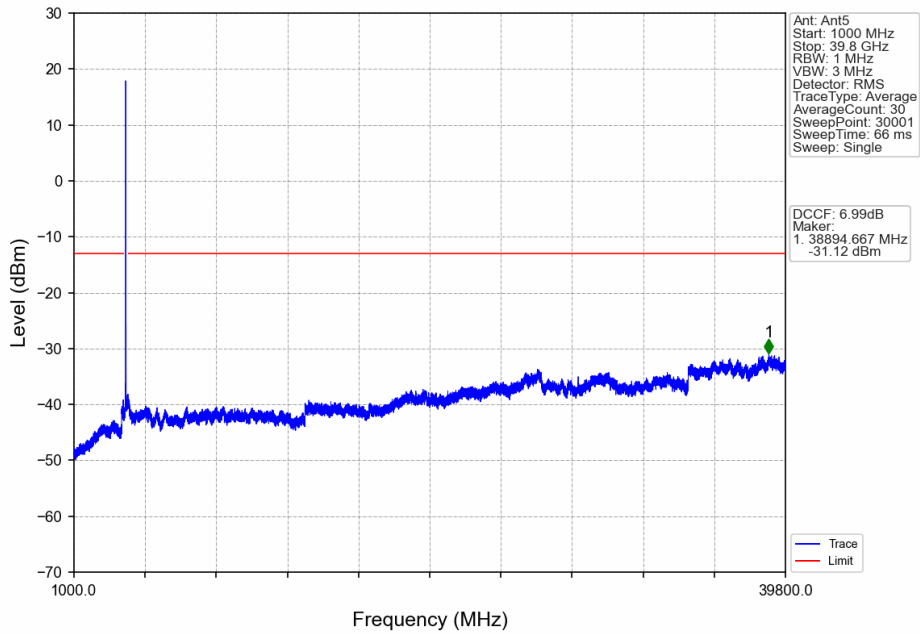
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left



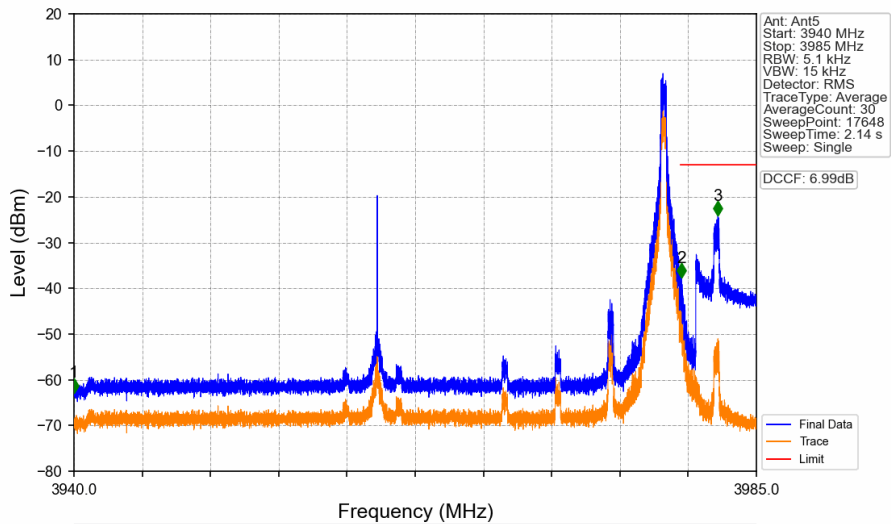
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left



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)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3940	3980	0.0051	0	1	3940.000	-62.80	-13	Pass
3980	3980	0.0051	0	/	/	/	/	/
3980	3981	0.0051	0	2	3980.068	-37.67	-13	Pass
3981	3985	0.5	19.91	3	3982.460	-24.12	-13	Pass