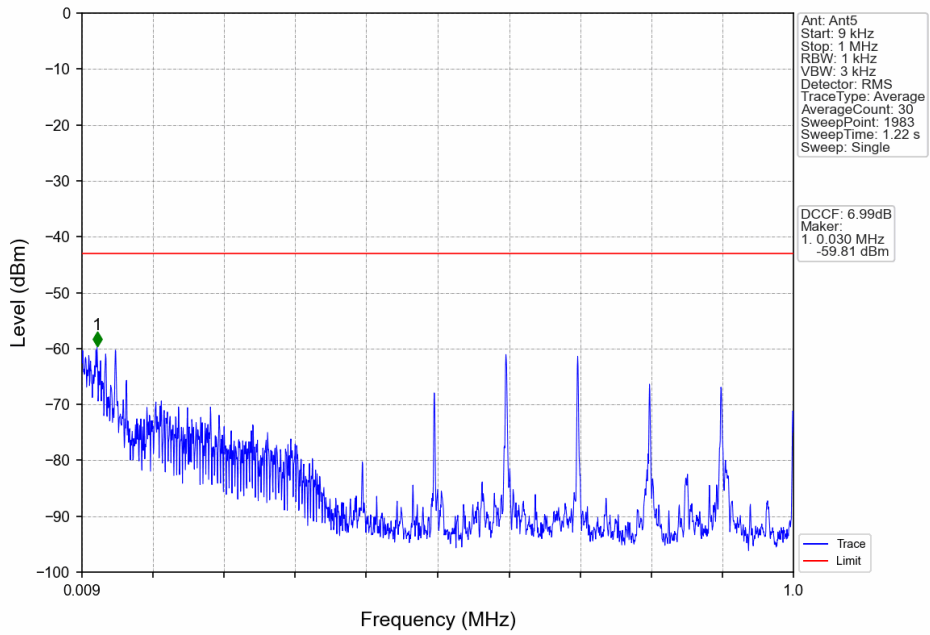
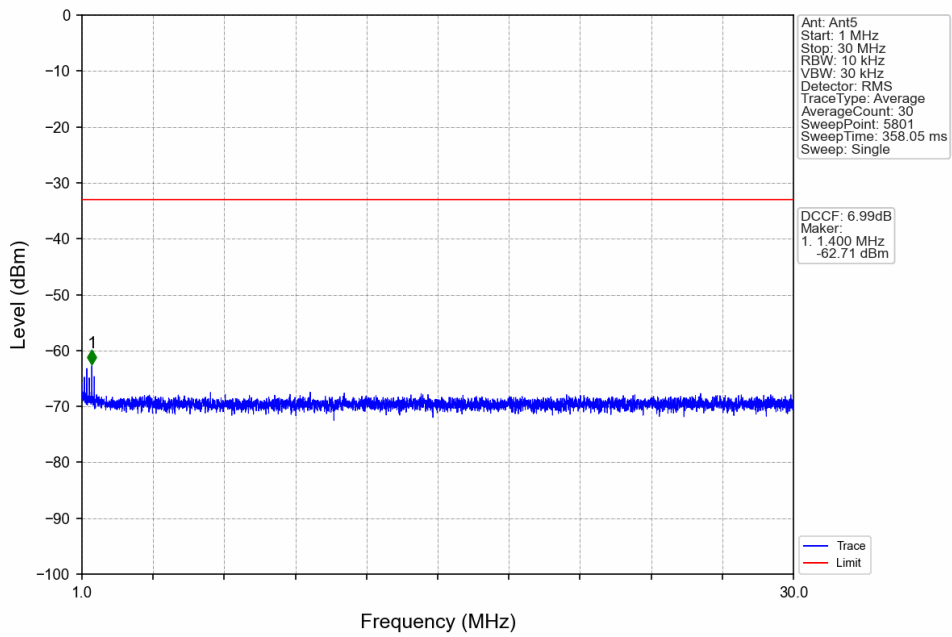


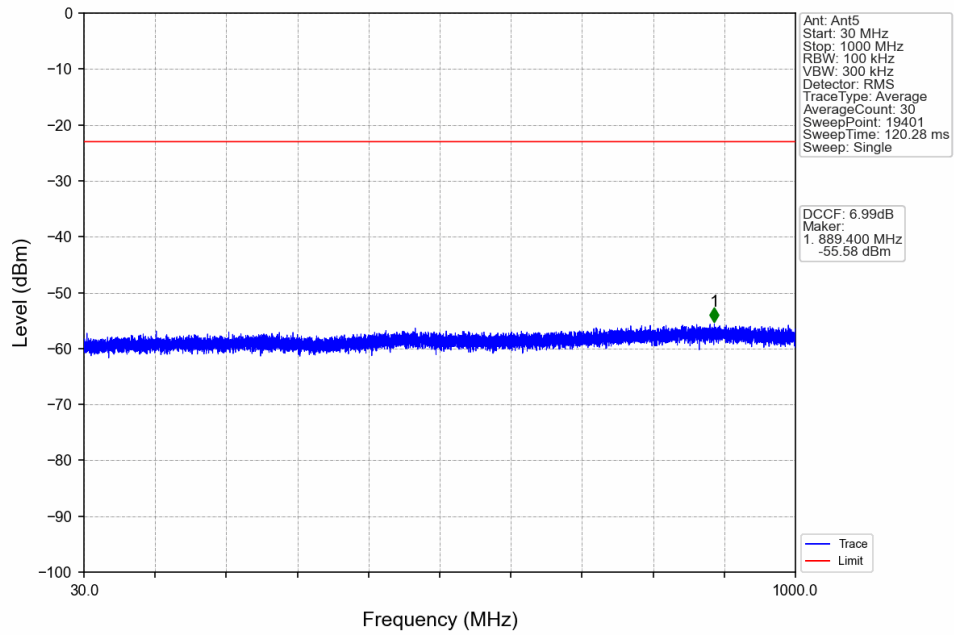
n77a\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM\_QPSK\_3960MHz\_Edge\_1RB\_Right



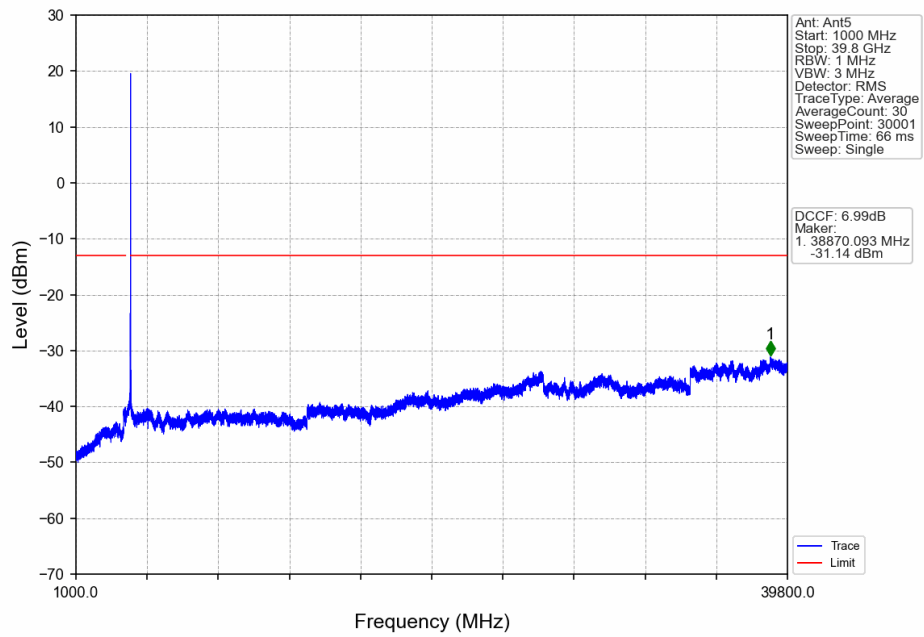
n77a\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM\_QPSK\_3960MHz\_Edge\_1RB\_Right



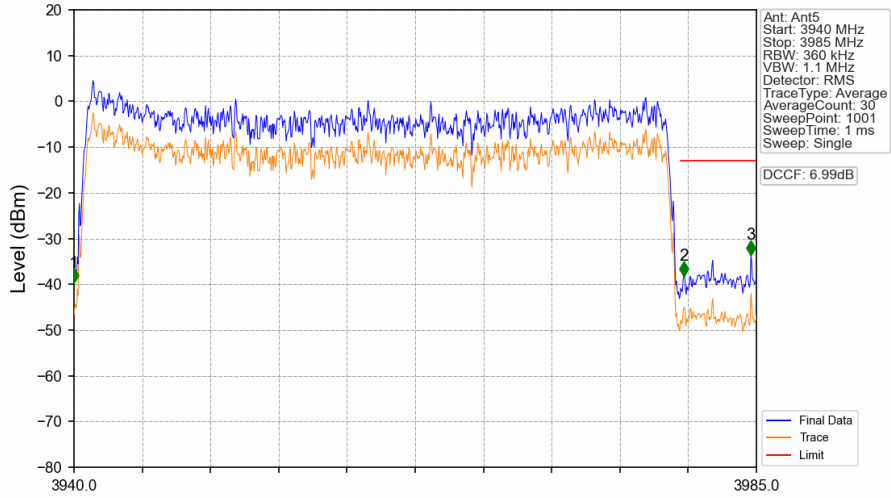
n77a\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM\_QPSK\_3960MHz\_Edge\_1RB\_Right



n77a\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM\_QPSK\_3960MHz\_Edge\_1RB\_Right

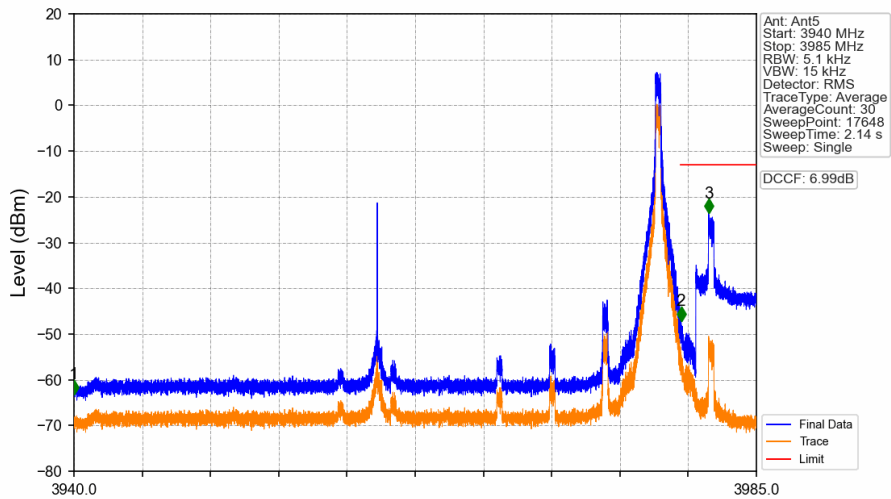


n77a\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM QPSK\_3960MHz\_Outer\_Full



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	-39.64	-13	Pass
3980	3980	0.36	0	/	/	/	/	/
3980	3981	0.36	0	2	3980.230	-38.11	-13	Pass
3981	3985	0.5	1.43	3	3984.640	-33.53	-13	Pass

n77a\_30kHz\_SISO\_NTNV\_40MHz\_CP-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	-63.16	-13	Pass
3980	3980	0.0051	0	/	/	/	/	/
3980	3981	0.0051	0	2	3980.027	-47.11	-13	Pass
3981	3985	0.5	19.91	3	3981.851	-23.60	-13	Pass

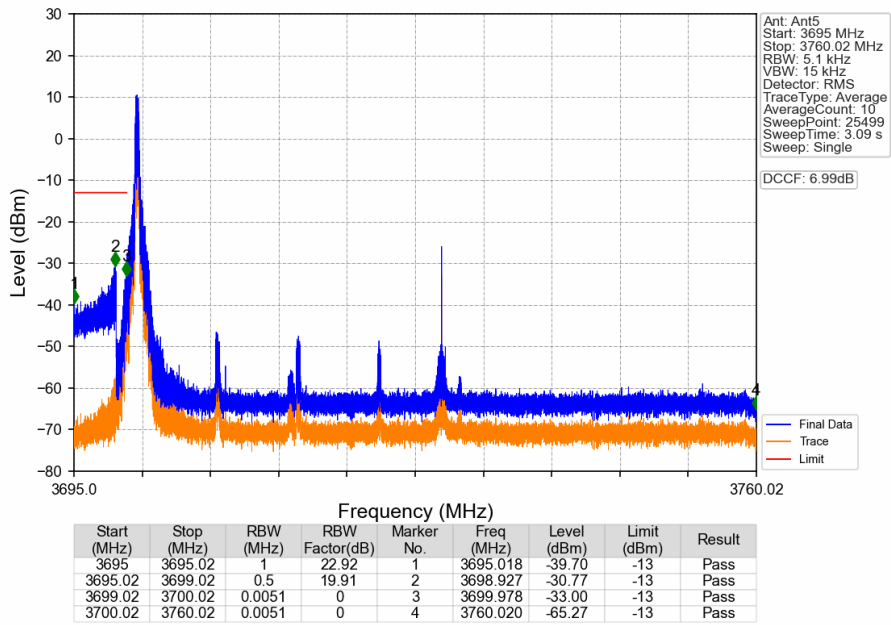
## 1.4 30k\_SISO\_60MHz\_NTNV

### 1.4.1 Test Result

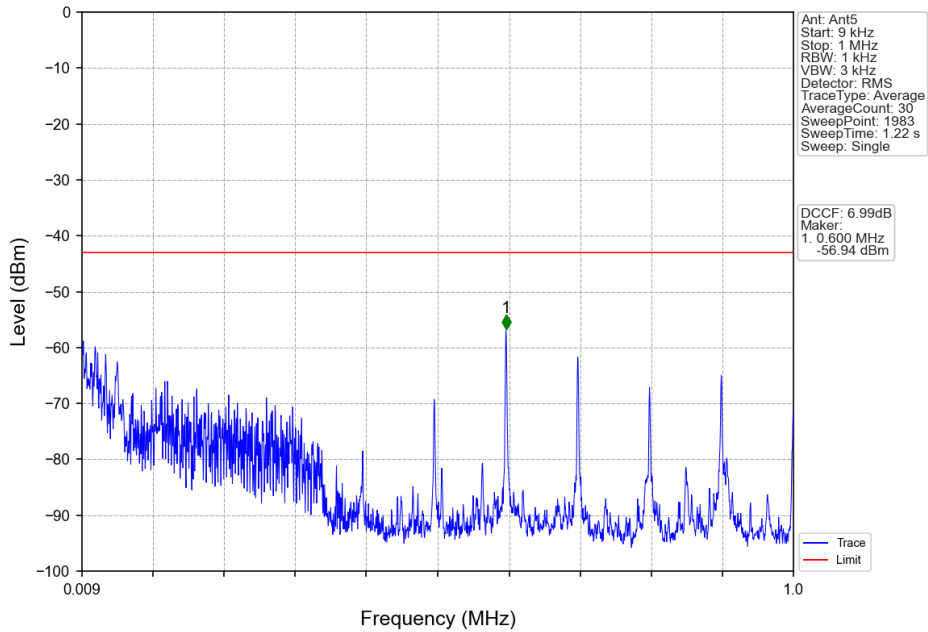
5G NR n77a SCS=30kHz SISO 60MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant5	Ant2	Sum	
DFT-s-OFDM QPSK	3730.02	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3840	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
3949.98	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	3730.02	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
3949.98	Inner_1RB_Right	Refer To Test Graph			Pass	
	Inner_1RB_Right	Refer To Test Graph			Pass	

### 1.4.2 Test Graph

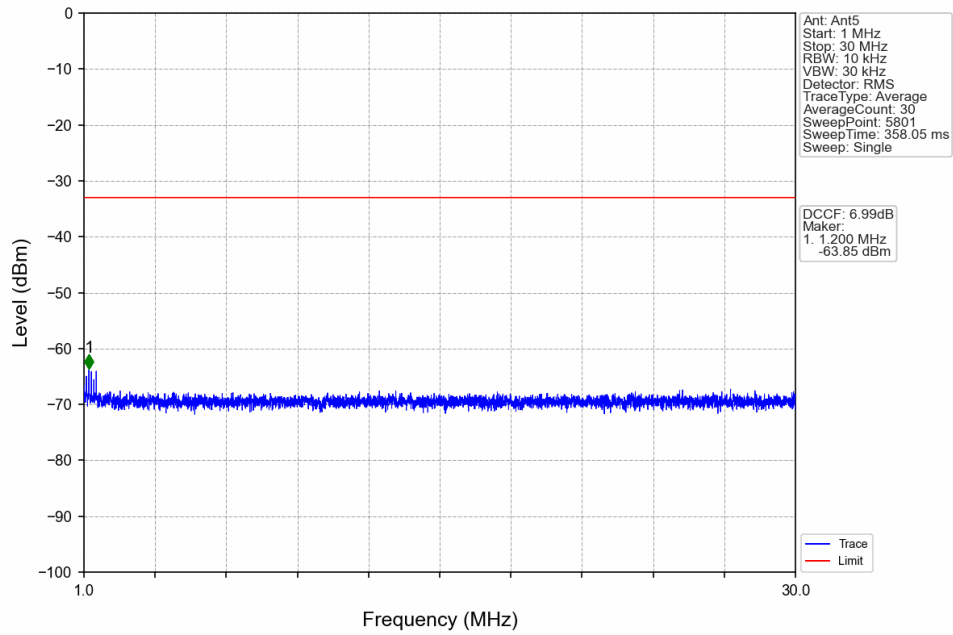
n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM QPSK\_3730.02MHz\_Edge\_1RB\_Left



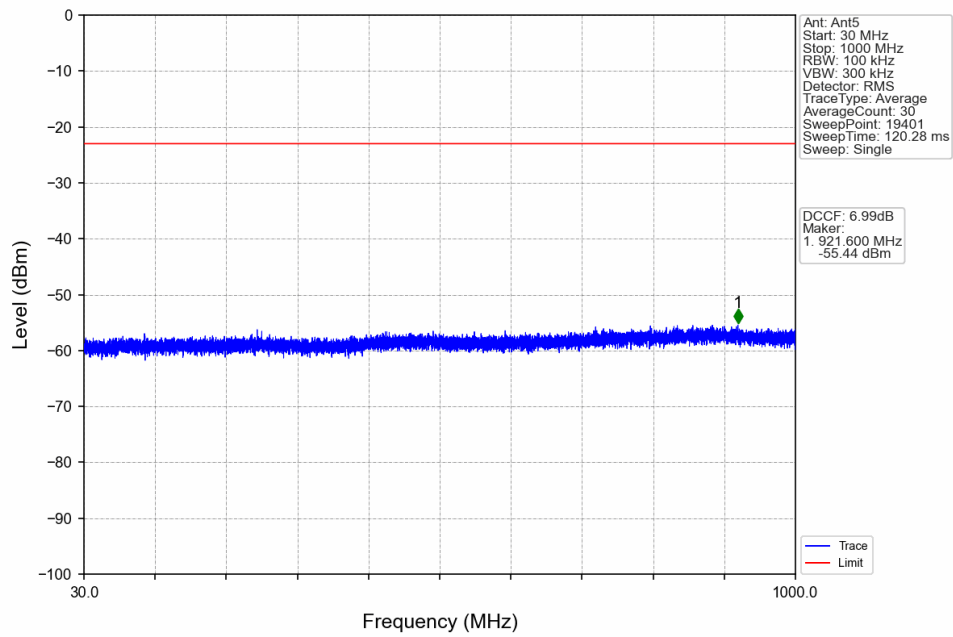
n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM QPSK\_3730.02MHz\_Edge\_1RB\_Left



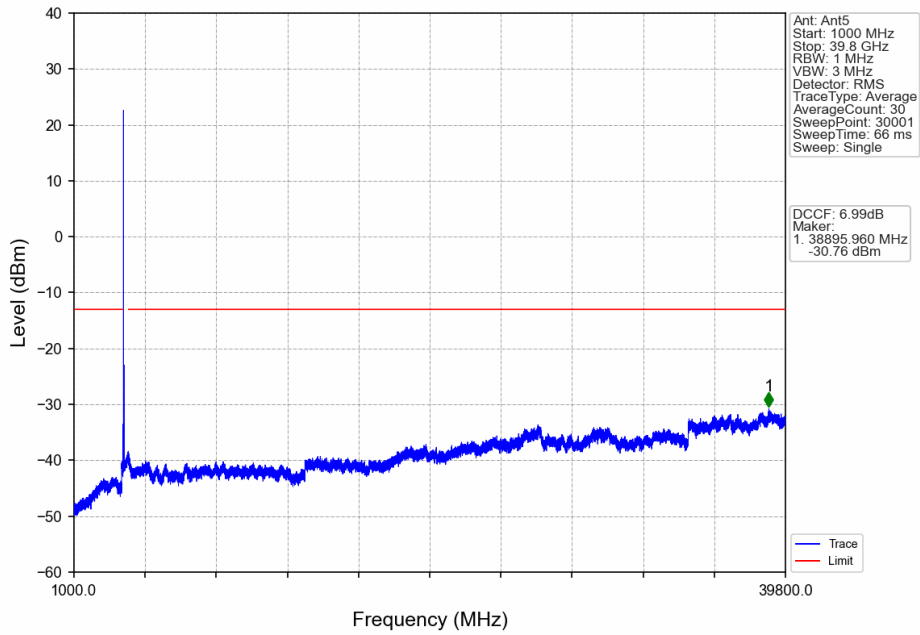
n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM\_QPSK\_3730.02MHz\_Edge\_1RB\_Left



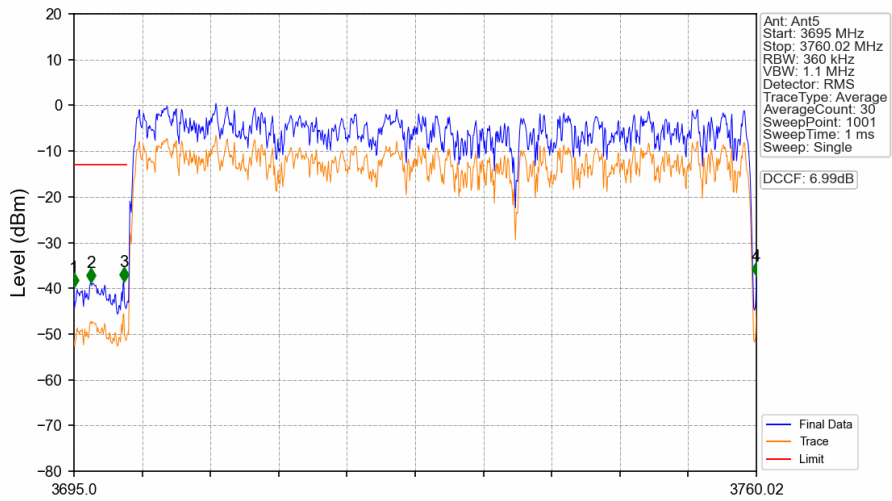
n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM\_QPSK\_3730.02MHz\_Edge\_1RB\_Left



n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM\_QPSK\_3730.02MHz\_Edge\_1RB\_Left

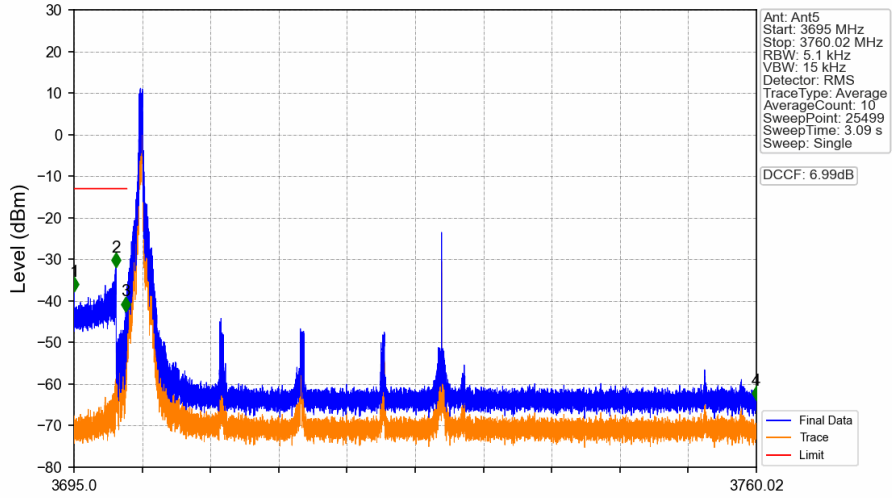


n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM\_QPSK\_3730.02MHz\_Outer\_Full



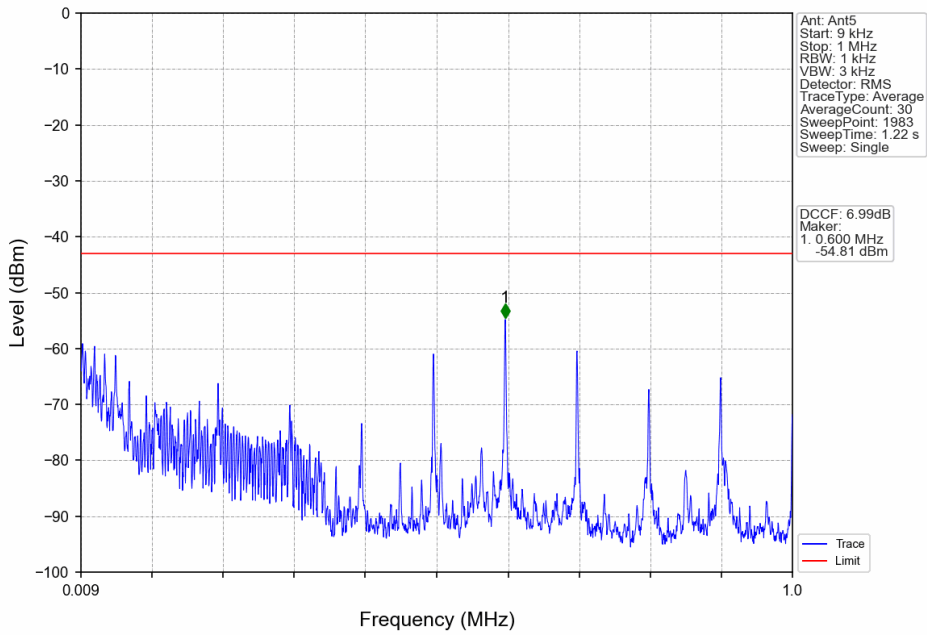
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	4.44	1	3695.000	-39.82	-13	Pass
3695.02	3699.02	0.5	1.43	2	3696.626	-38.79	-13	Pass
3699.02	3700.02	0.36	0	3	3699.746	-38.56	-13	Pass
3700.02	3760.02	0.36	0	4	3760.020	-37.28	-13	Pass

n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM\_QPSK\_3730.02MHz\_Inner\_1RB\_Left



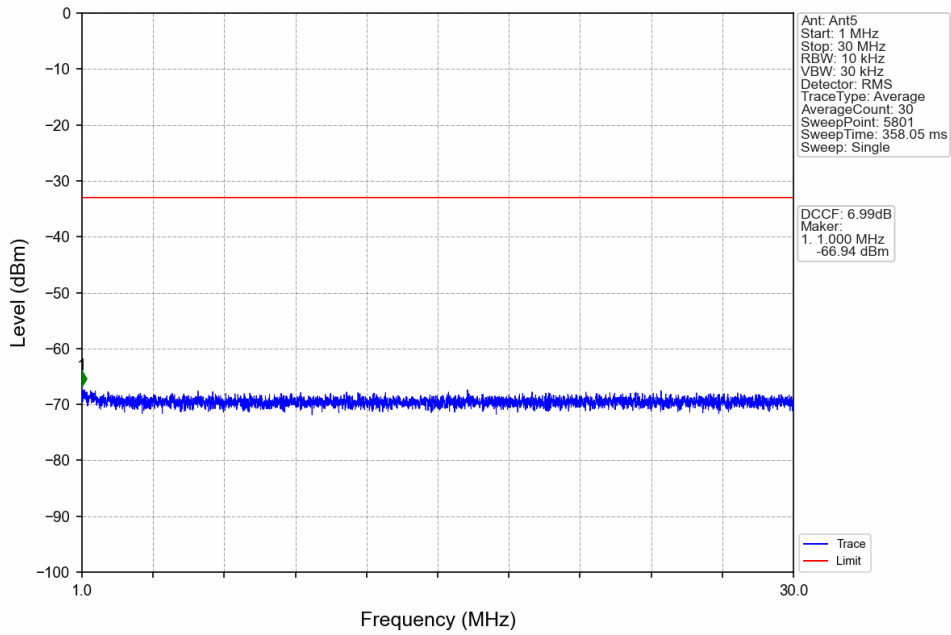
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	22.92	1	3695.010	-37.73	-13	Pass
3695.02	3699.02	0.5	19.91	2	3698.993	-31.89	-13	Pass
3699.02	3700.02	0.0051	0	3	3699.934	-42.48	-13	Pass
3700.02	3760.02	0.0051	0	4	3760.020	-63.89	-13	Pass

n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM\_QPSK\_3840MHz\_Edge\_1RB\_Left

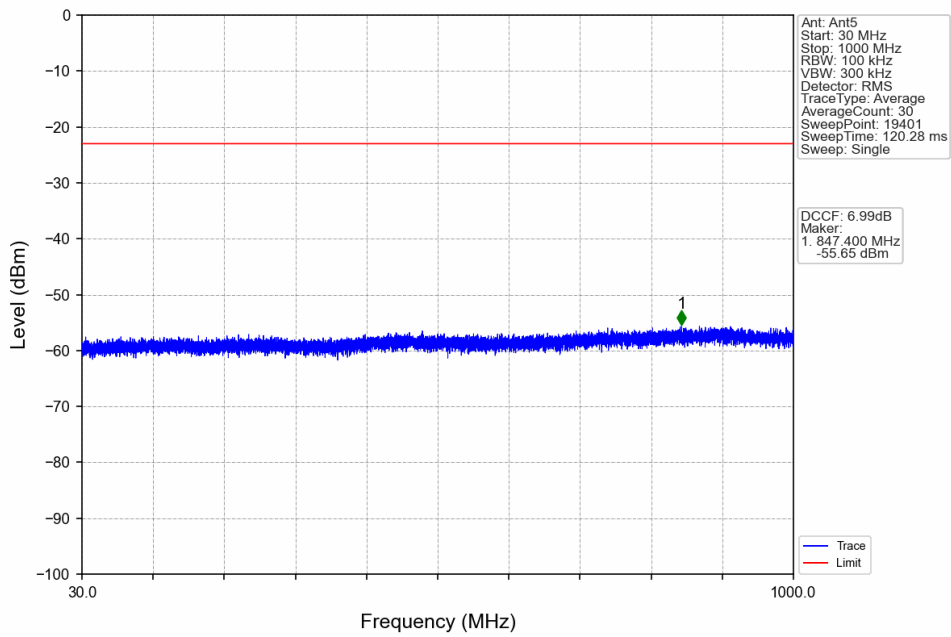




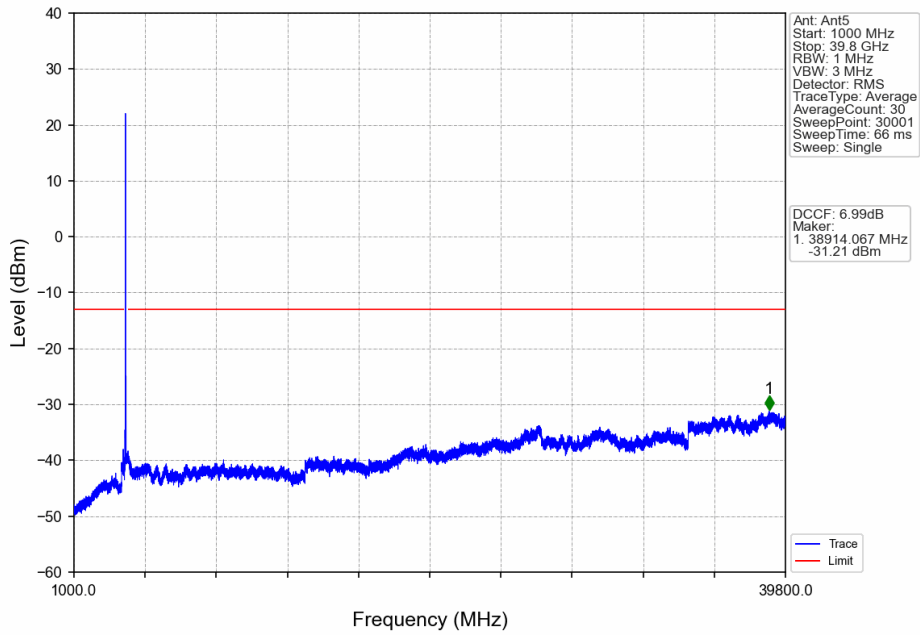
n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM\_QPSK\_3840MHz\_Edge\_1RB\_Left



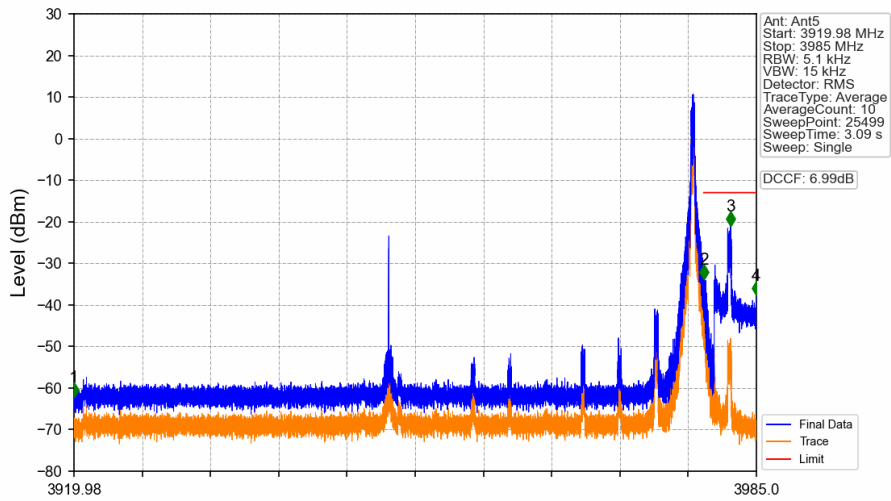
n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM\_QPSK\_3840MHz\_Edge\_1RB\_Left



n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM QPSK\_3840MHz\_Edge\_1RB\_Left

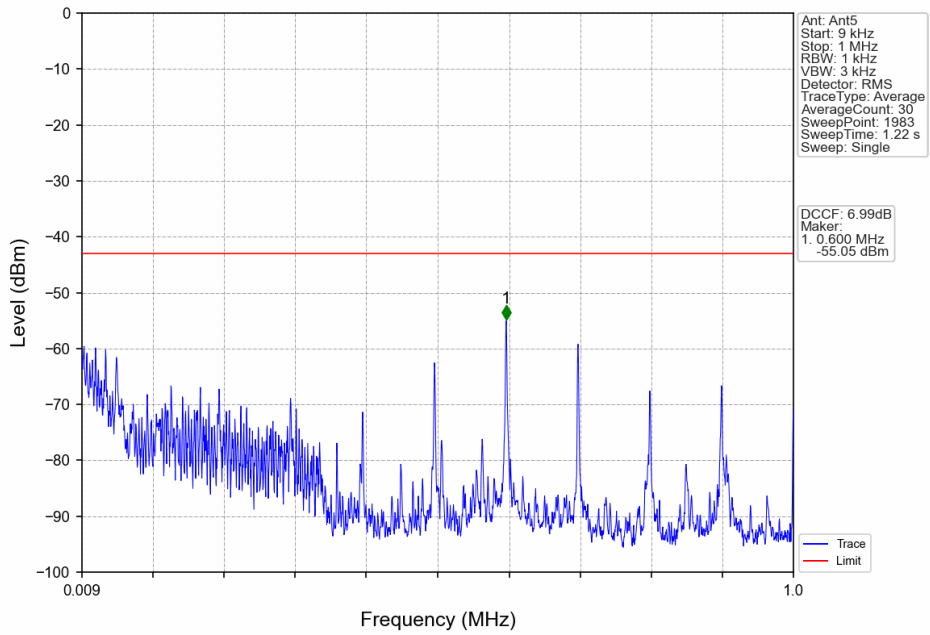


n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM QPSK\_3949.98MHz\_Edge\_1RB\_Right

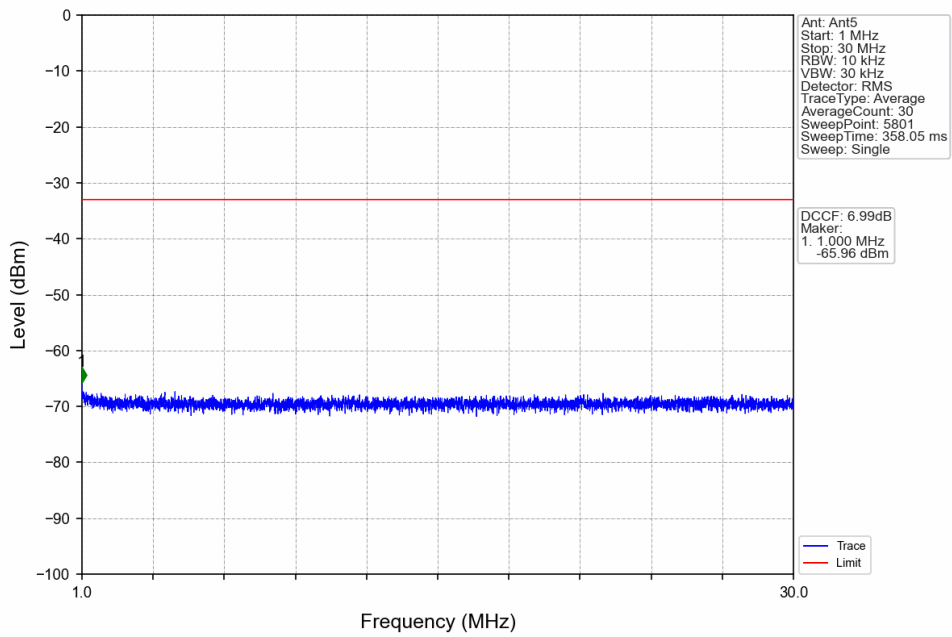


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3919.98	3979.98	0.0051	0	1	3919.980	-62.12	-13	Pass
3979.98	3979.98	0.0051	0	/	/	/	/	/
3979.98	3980.98	0.0051	0	2	3979.999	-33.79	-13	Pass
3980.98	3984.98	0.5	19.91	3	3982.526	-21.10	-13	Pass
3984.98	3985	1	22.92	4	3985.000	-37.65	-13	Pass

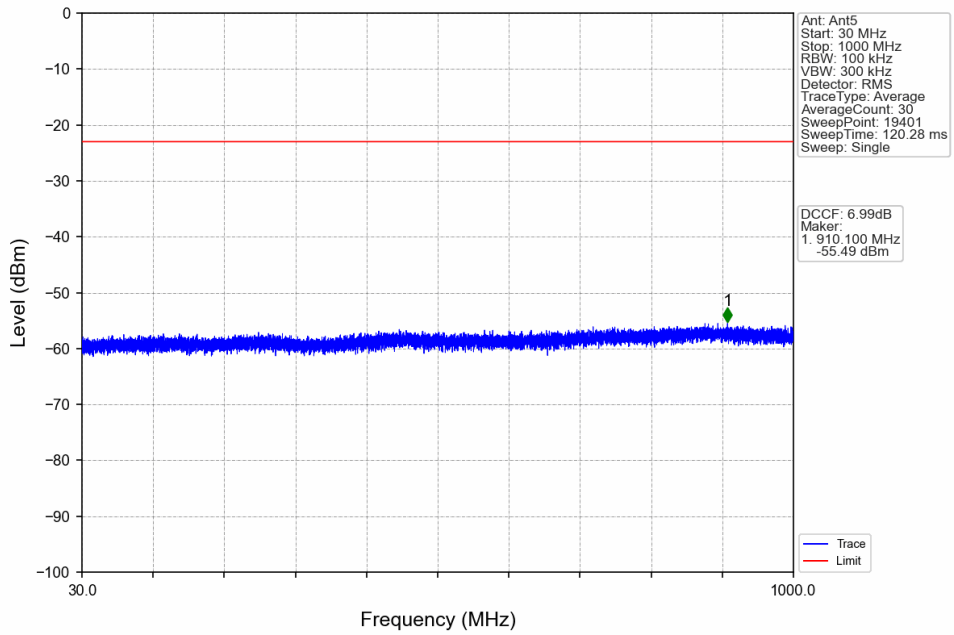
n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM\_QPSK\_3949.98MHz\_Edge\_1RB\_Right



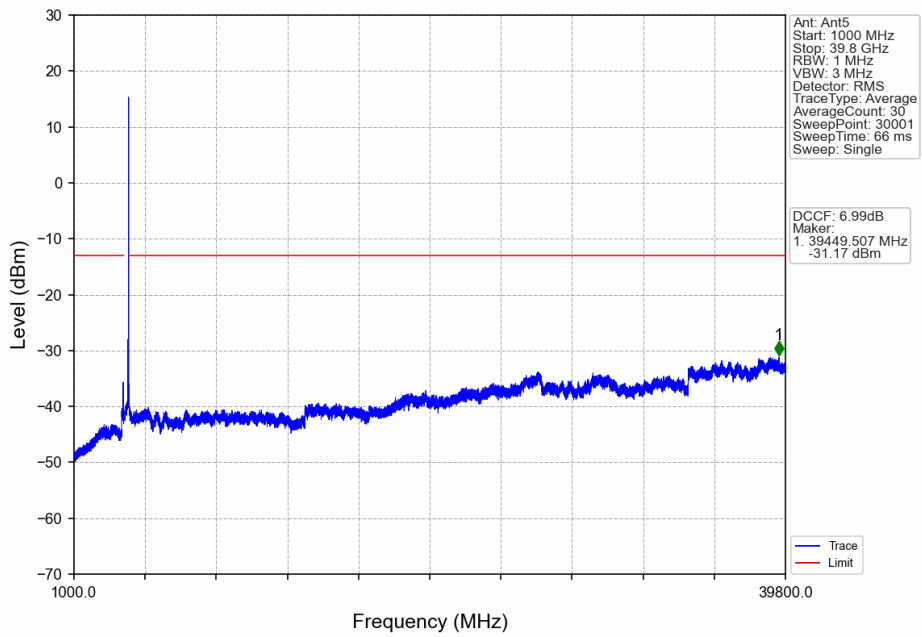
n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM\_QPSK\_3949.98MHz\_Edge\_1RB\_Right



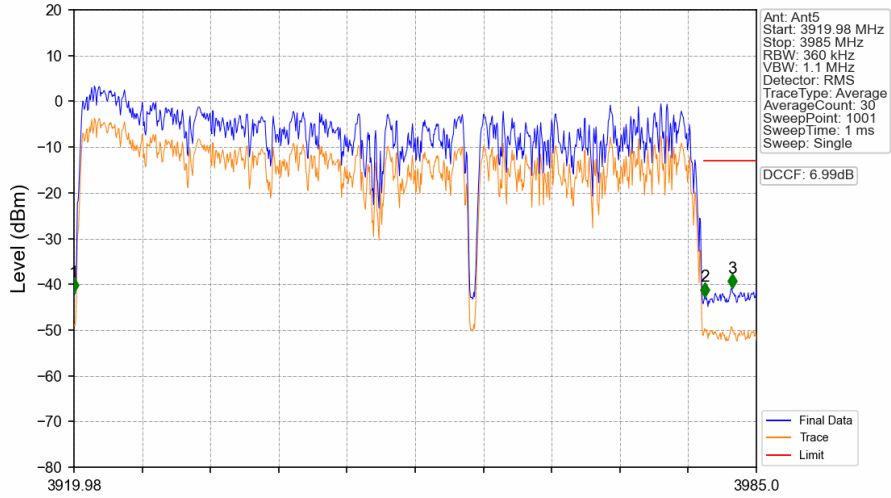
n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM\_QPSK\_3949.98MHz\_Edge\_1RB\_Right



n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM\_QPSK\_3949.98MHz\_Edge\_1RB\_Right

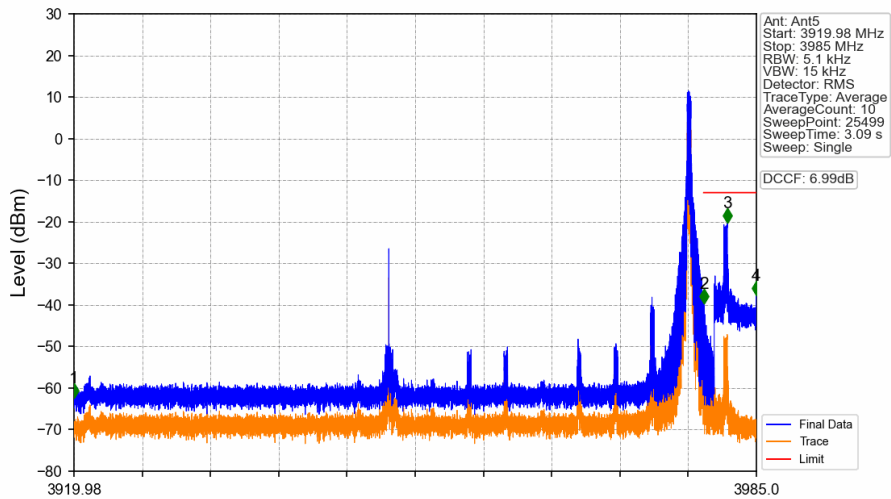


n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM QPSK 3949.98MHz\_Outer\_Full



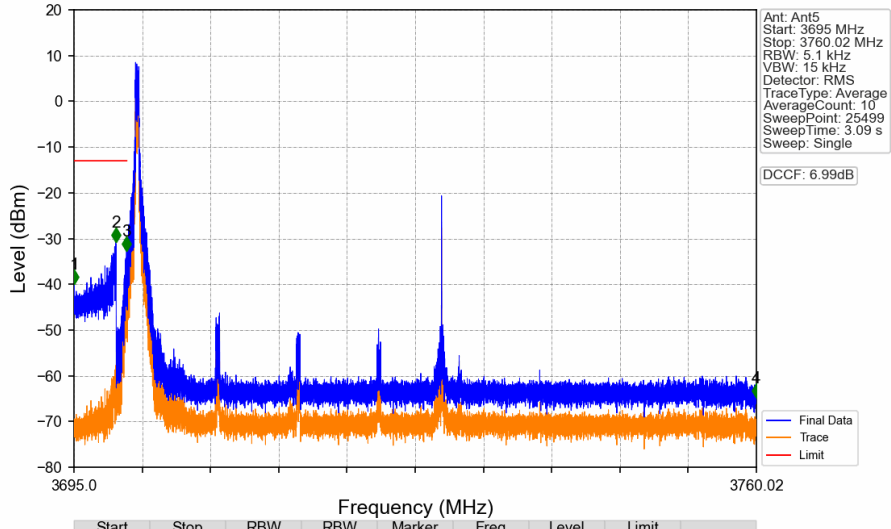
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3919.98	3979.98	0.36	0	1	3919.980	-41.80	-13	Pass
3979.98	3979.98	0.36	0	/	/	/	/	/
3979.98	3980.98	0.36	0	2	3980.058	-42.72	-13	Pass
3980.98	3984.98	0.5	1.43	3	3982.659	-40.91	-13	Pass

n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM QPSK 3949.98MHz\_Inner\_1RB\_Right



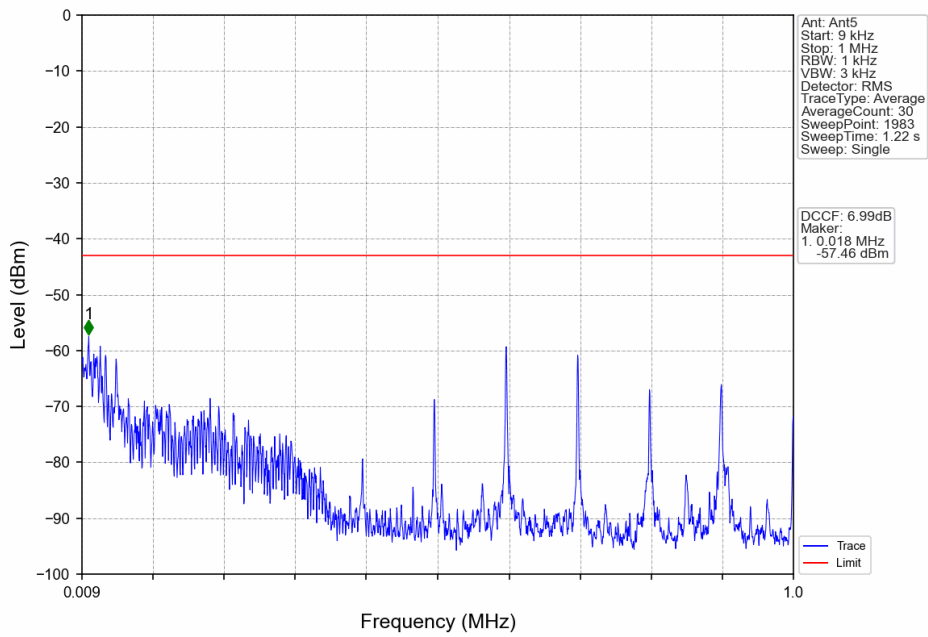
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3919.98	3979.98	0.0051	0	1	3919.980	-62.35	-13	Pass
3979.98	3979.98	0.0051	0	/	/	/	/	/
3979.98	3980.98	0.0051	0	2	3979.999	-39.71	-13	Pass
3980.98	3984.98	0.5	19.91	3	3982.215	-20.20	-13	Pass
3984.98	3985	1	22.92	4	3984.990	-37.79	-13	Pass

n77a\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3730.02MHz\_Edge\_1RB\_Left

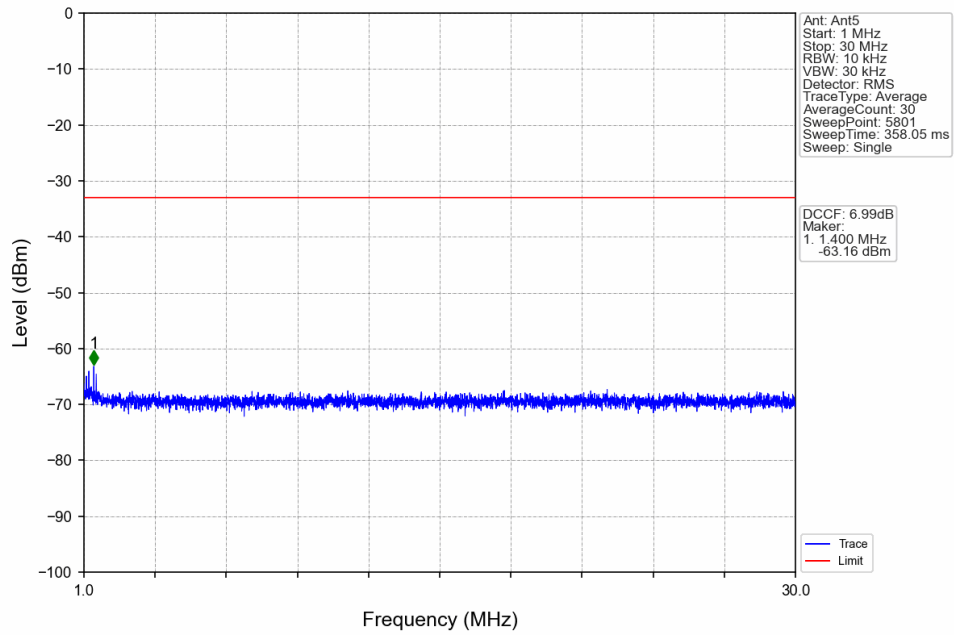


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	22.92	1	3695.013	-40.03	-13	Pass
3695.02	3699.02	0.5	19.91	2	3698.981	-30.83	-13	Pass
3699.02	3700.02	0.0051	0	3	3700.011	-32.75	-13	Pass
3700.02	3760.02	0.0051	0	4	3760.020	-64.78	-13	Pass

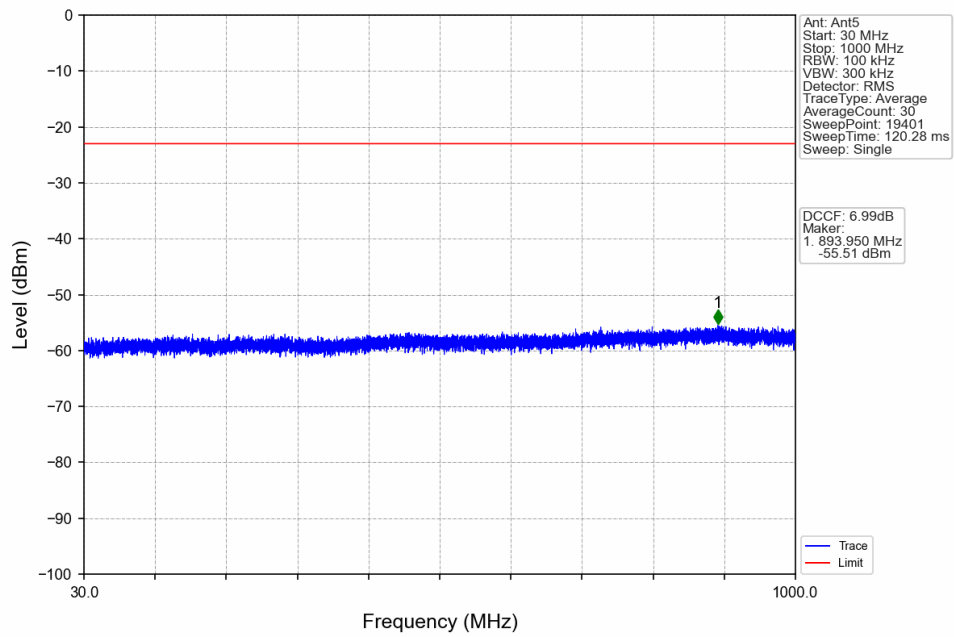
n77a\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3730.02MHz\_Edge\_1RB\_Left



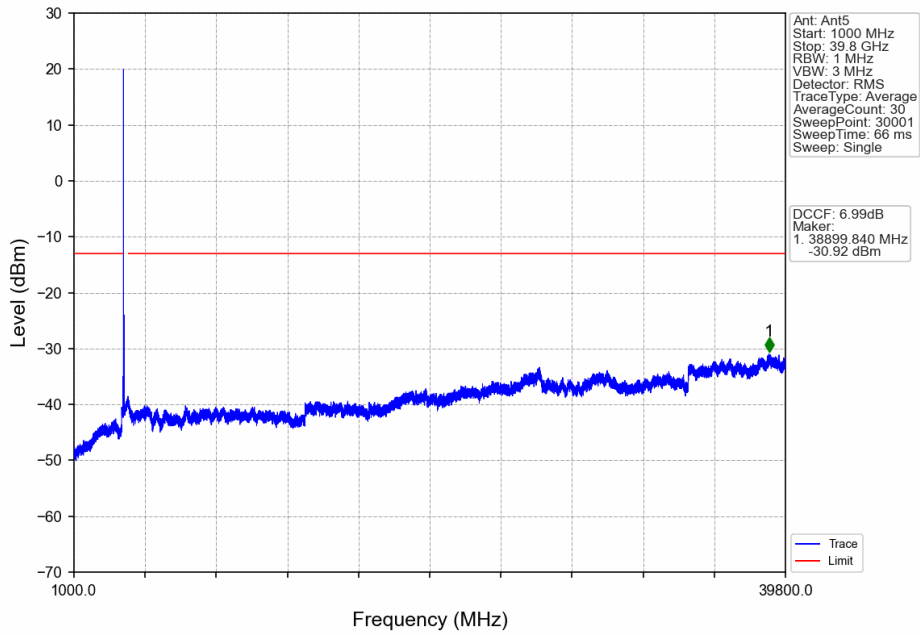
n77a\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3730.02MHz\_Edge\_1RB\_Left



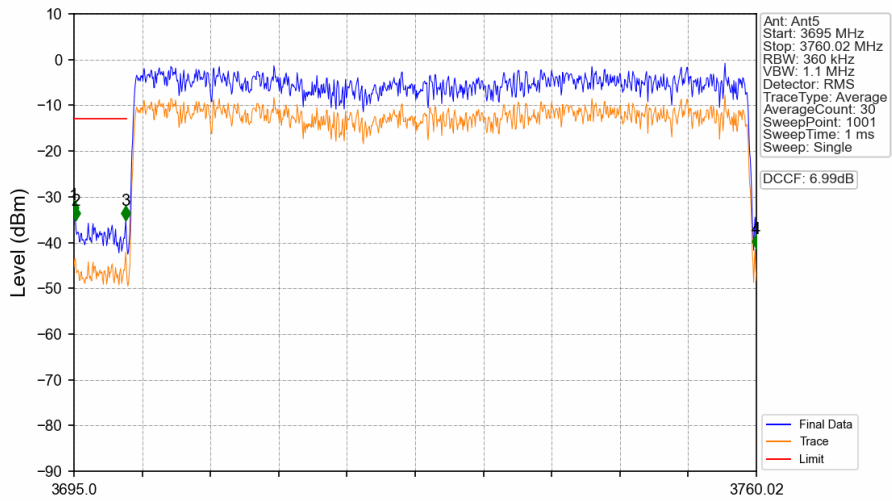
n77a\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3730.02MHz\_Edge\_1RB\_Left



n77a\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3730.02MHz\_Edge\_1RB\_Left



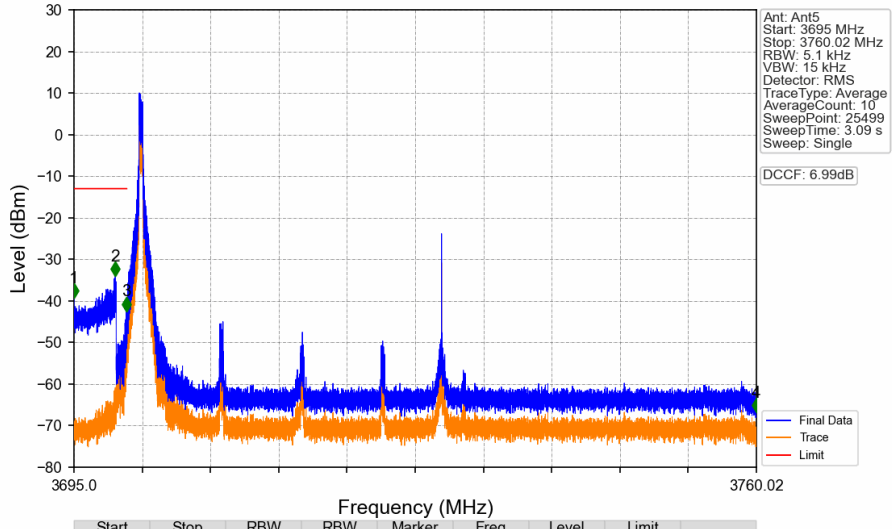
n77a\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3730.02MHz\_Outer\_Full



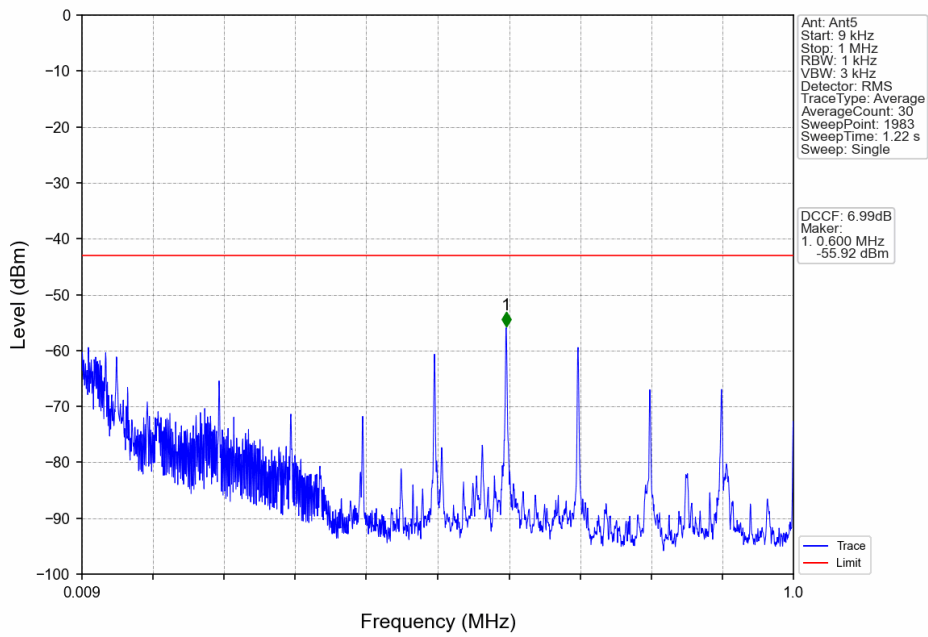
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	4.44	1	3695.000	-33.94	-13	Pass
3695.02	3699.02	0.5	1.43	2	3695.130	-35.12	-13	Pass
3699.02	3700.02	0.36	0	3	3699.942	-35.09	-13	Pass
3700.02	3760.02	0.36	0	4	3760.020	-41.33	-13	Pass



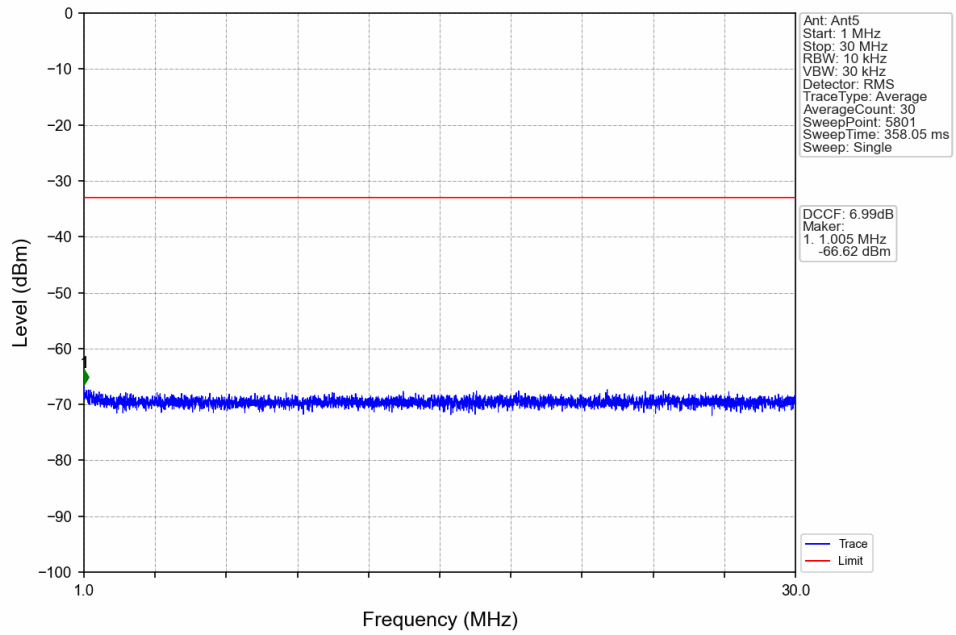
n77a\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM QPSK\_3730.02MHz\_Inner\_1RB\_Left



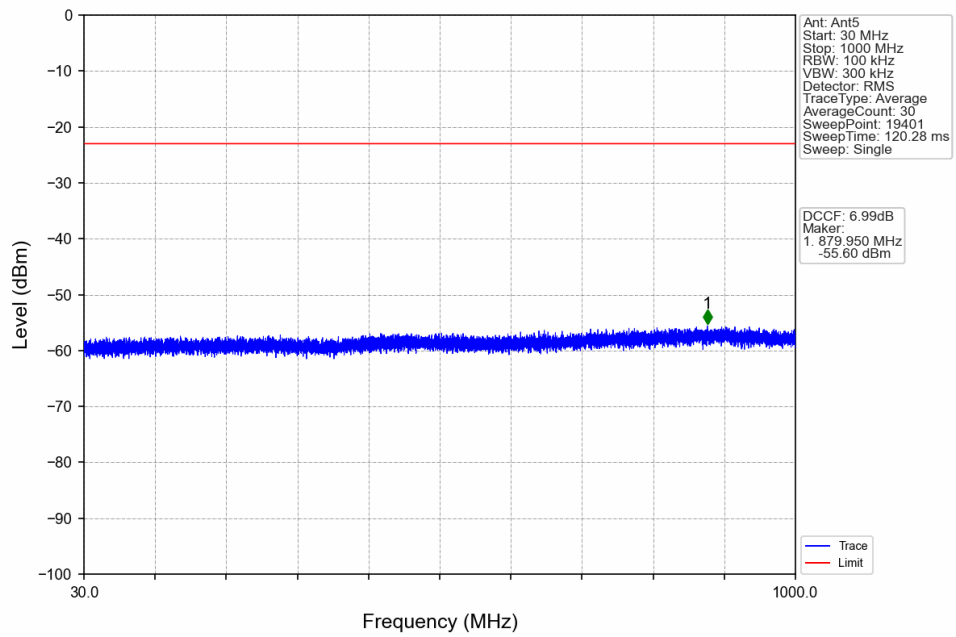
n77a\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM QPSK\_3840MHz\_Edge\_1RB\_Left



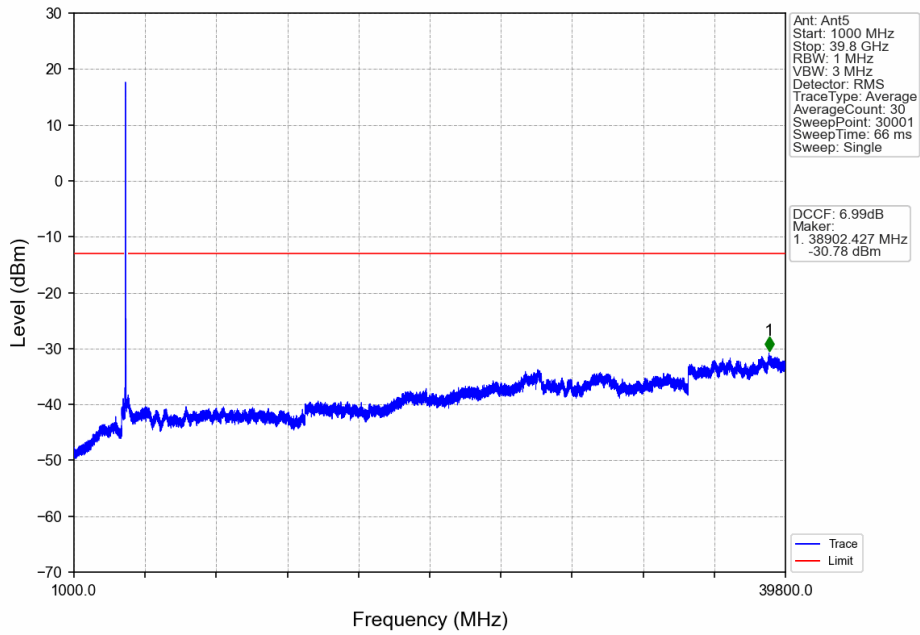
n77a\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3840MHz\_Edge\_1RB\_Left



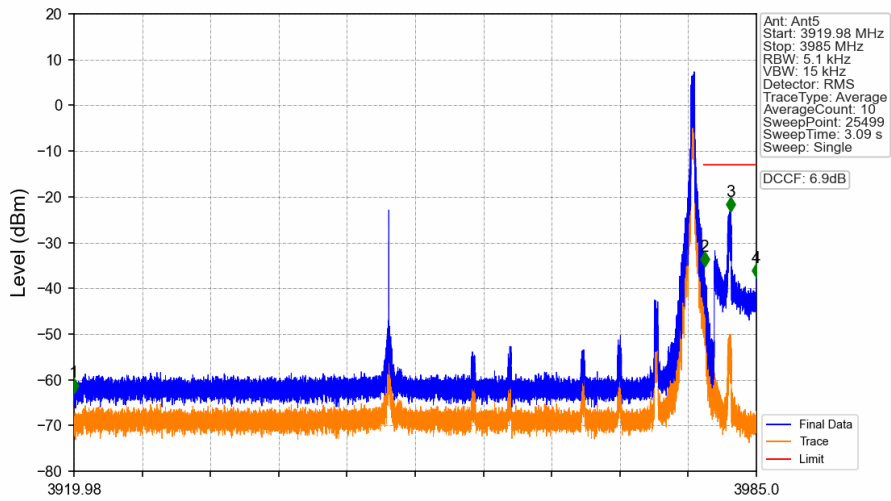
n77a\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3840MHz\_Edge\_1RB\_Left



n77a\_30kHz\_SISO\_NTV\_60MHz\_CP-OFDM\_QPSK\_3840MHz\_Edge\_1RB\_Left

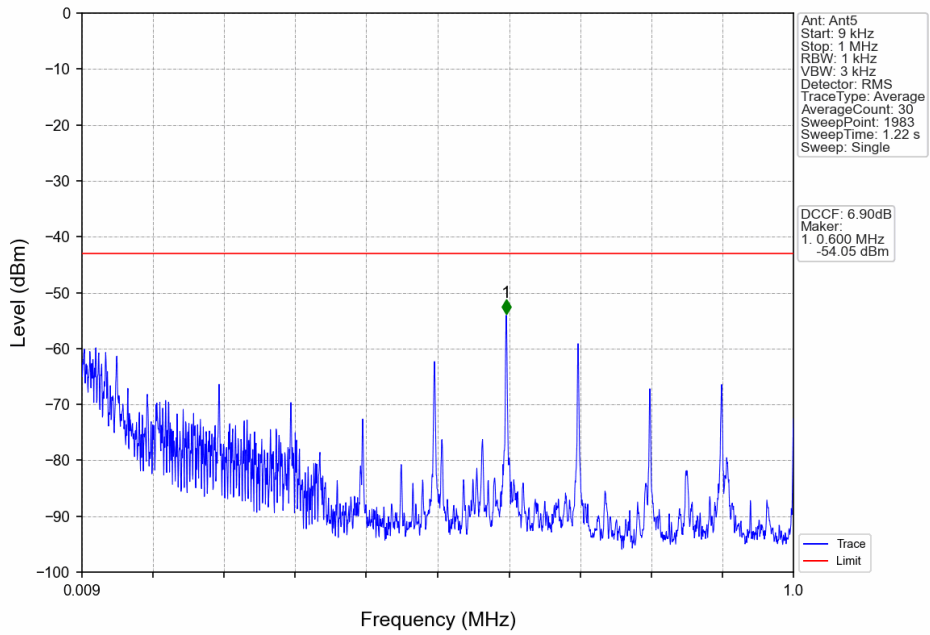


n77a\_30kHz\_SISO\_NTV\_60MHz\_CP-OFDM\_QPSK\_3949.98MHz\_Edge\_1RB\_Right

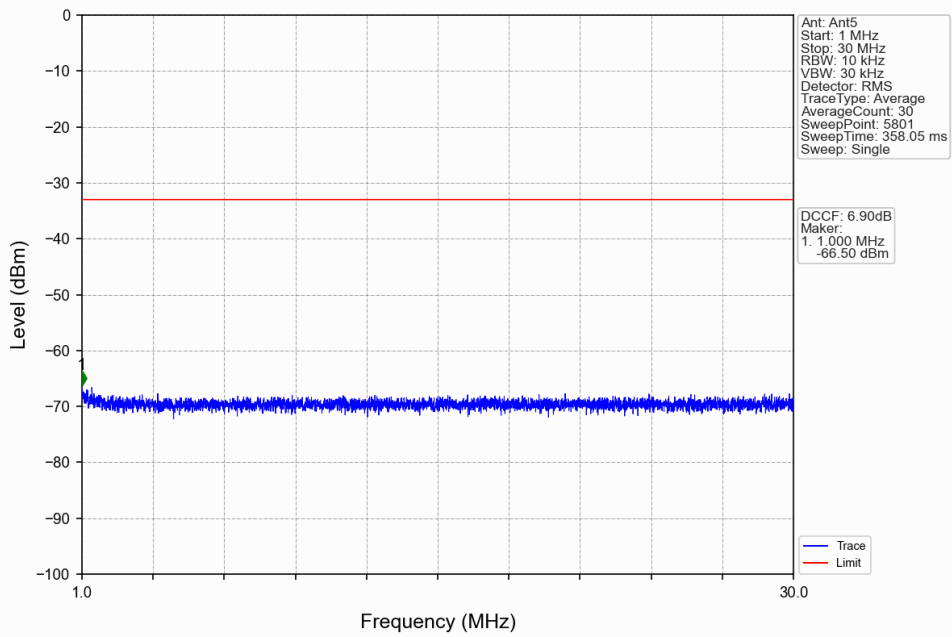


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3919.98	3979.98	0.0051	0	1	3919.980	-62.83	-13	Pass
3979.98	3979.98	0.0051	0	/	/	/	/	/
3979.98	3980.98	0.0051	0	2	3980.045	-35.23	-13	Pass
3980.98	3984.98	0.5	19.91	3	3982.562	-23.20	-13	Pass
3984.98	3985	1	22.92	4	3984.995	-37.72	-13	Pass

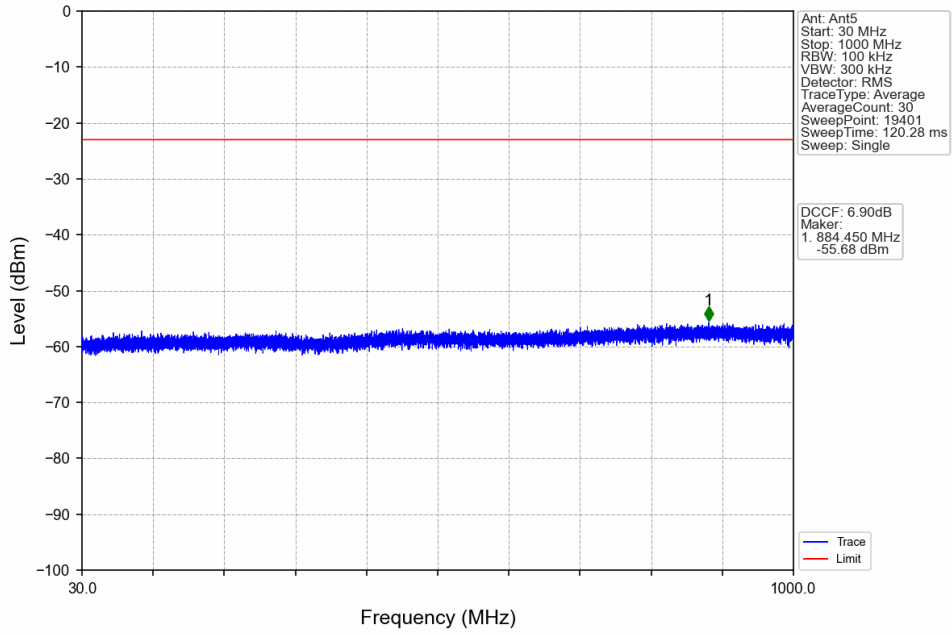
n77a\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3949.98MHz\_Edge\_1RB\_Right



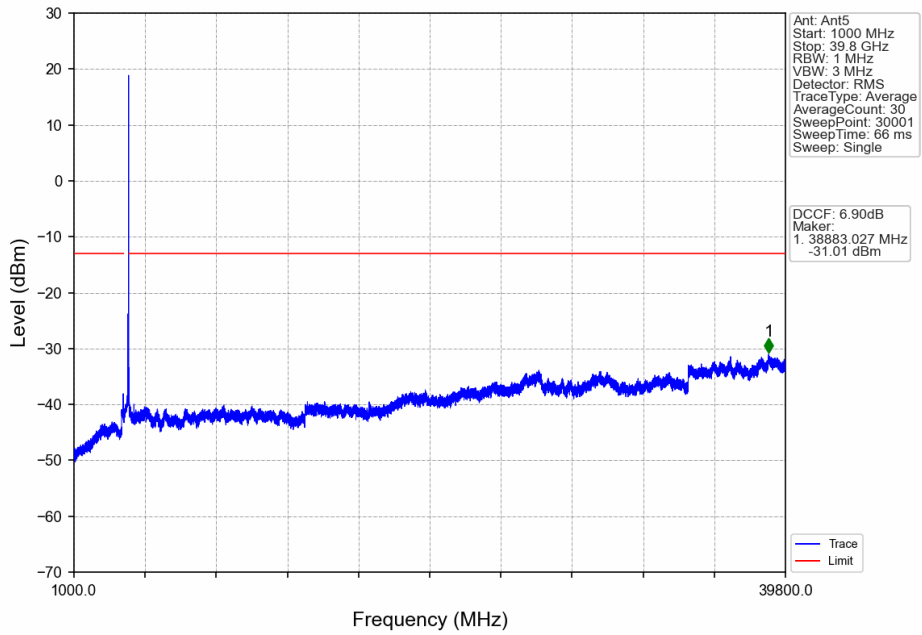
n77a\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3949.98MHz\_Edge\_1RB\_Right



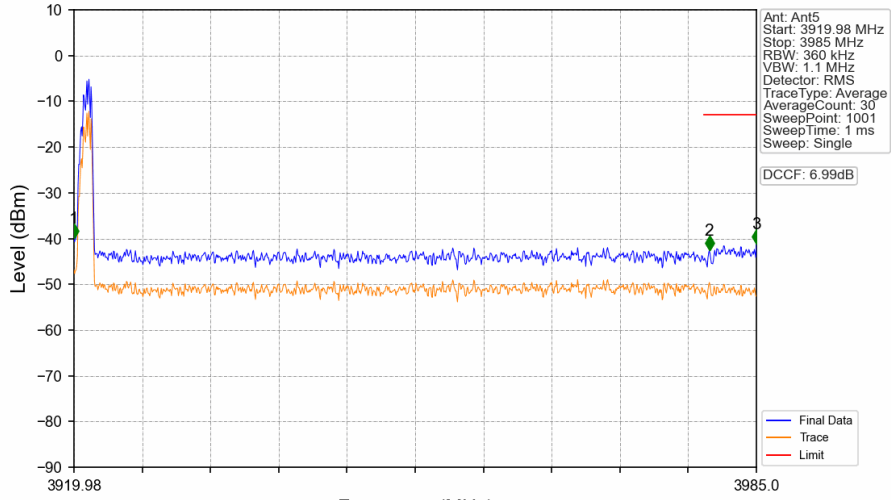
n77a\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3949.98MHz\_Edge\_1RB\_Right



n77a\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3949.98MHz\_Edge\_1RB\_Right

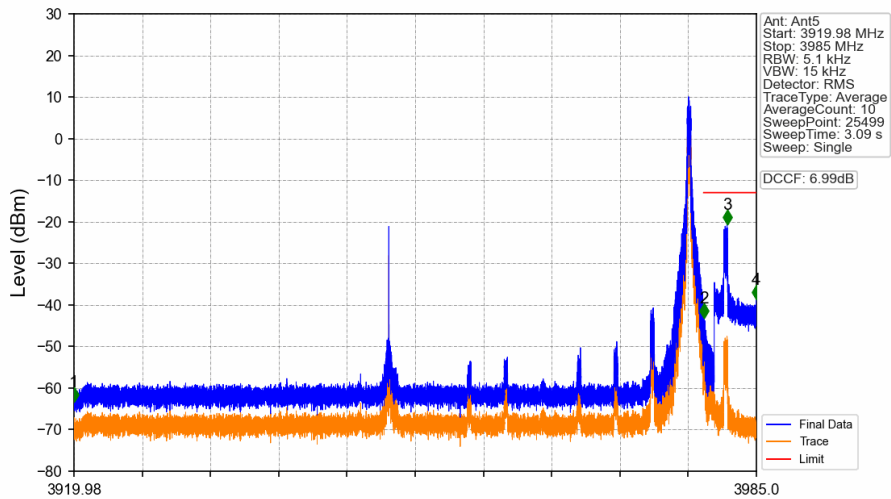


n77a\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM QPSK\_3949.98MHz\_Outer\_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3919.98	3979.98	0.36	0	1	3919.980	-39.86	-13	Pass
3979.98	3979.98	0.36	0	/	/	/	/	/
3979.98	3980.98	0.36	0	2	3980.514	-42.61	-13	Pass
3980.98	3984.98	0.5	1.43	3	3985.000	-41.12	-13	Pass

n77a\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM QPSK\_3949.98MHz\_Inner\_1RB\_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3919.98	3979.98	0.0051	0	1	3919.980	-63.30	-13	Pass
3979.98	3979.98	0.0051	0	/	/	/	/	/
3979.98	3980.98	0.0051	0	2	3980.010	-43.16	-13	Pass
3980.98	3984.98	0.5	19.91	3	3982.200	-20.66	-13	Pass
3984.98	3985	1	22.92	4	3984.985	-38.75	-13	Pass

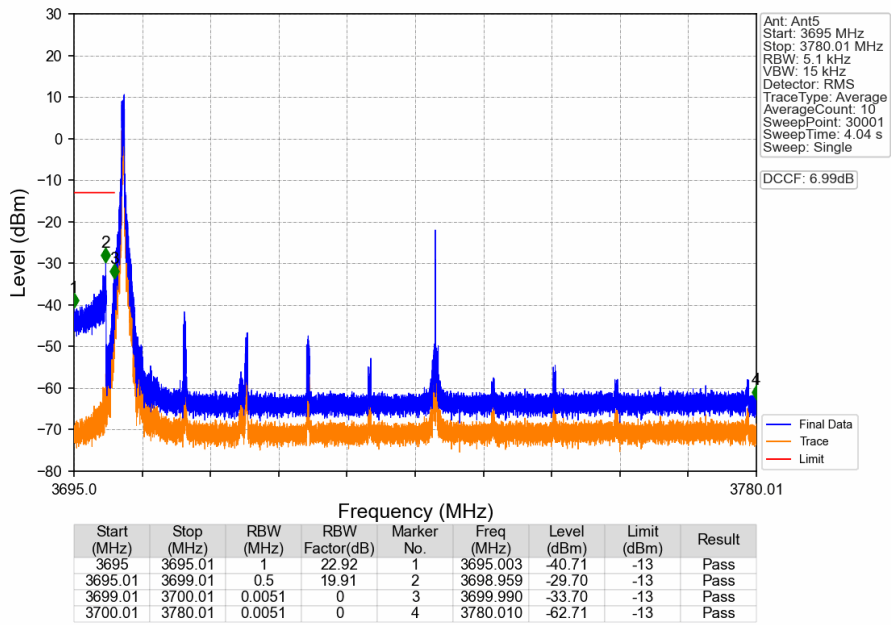
## 1.5 30k\_SISO\_80MHz\_NTNV

### 1.5.1 Test Result

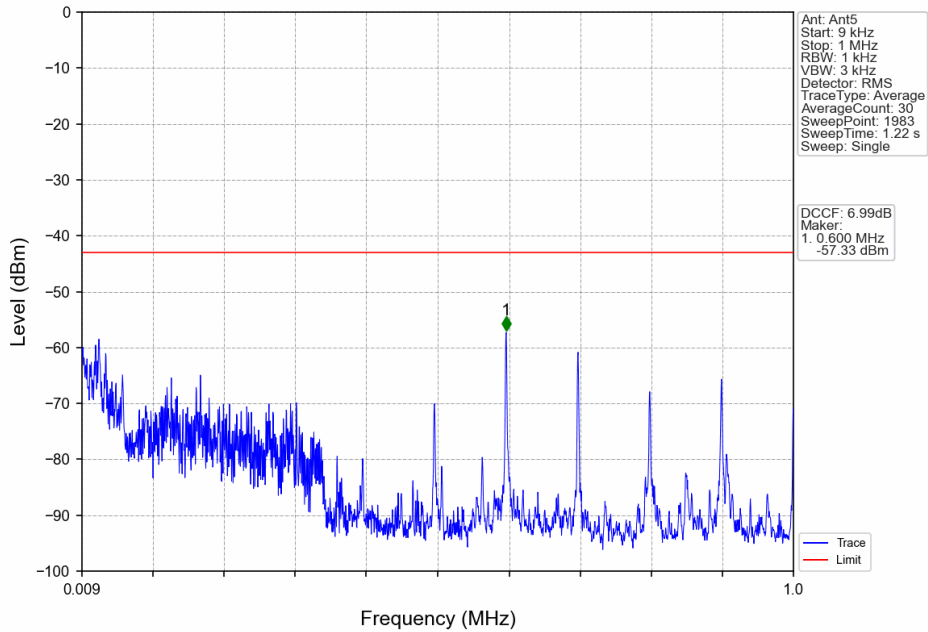
5G NR n77a SCS=30kHz SISO 80MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant5	Ant2	Sum	
DFT-s-OFDM QPSK	3740.01	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3840	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
3939.99	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	3740.01	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
3939.99	Inner_1RB_Right	Refer To Test Graph			Pass	
	Outer_Full	Refer To Test Graph			Pass	
	Inner_1RB_Right	Refer To Test Graph			Pass	

### 1.5.2 Test Graph

n77a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM QPSK\_3740.01MHz\_Edge\_1RB\_Left

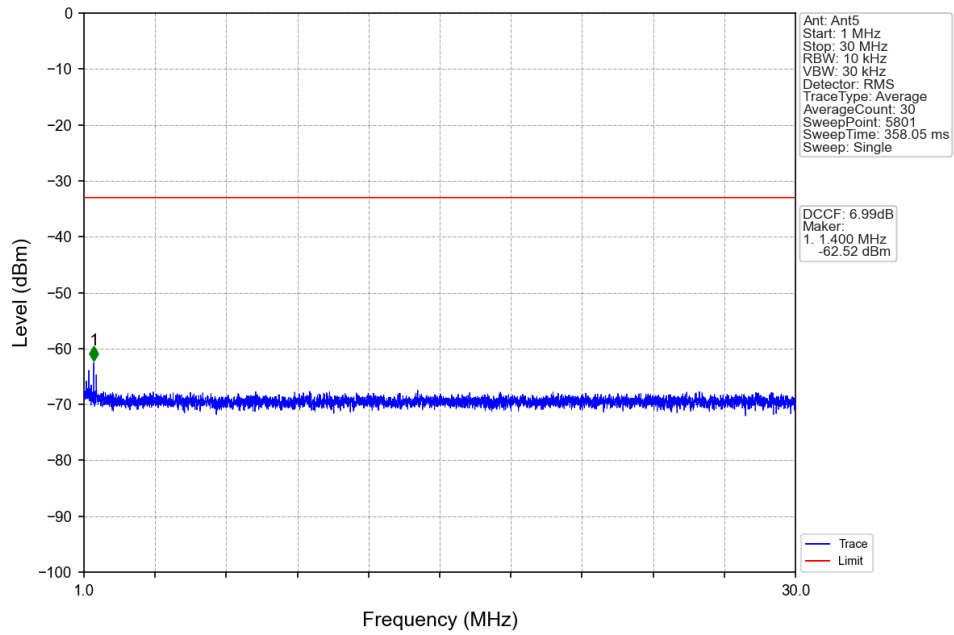


n77a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM QPSK\_3740.01MHz\_Edge\_1RB\_Left

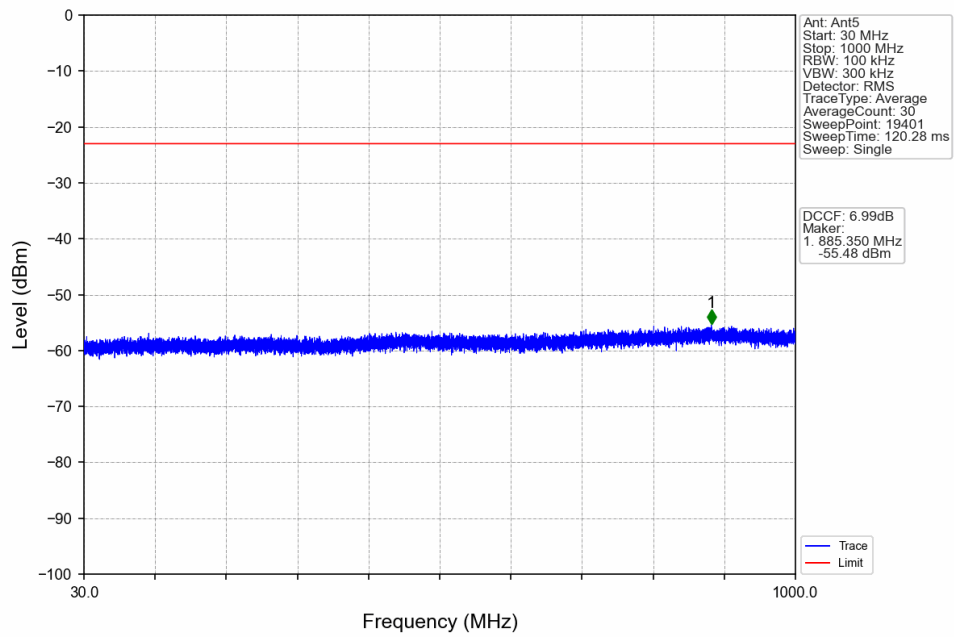




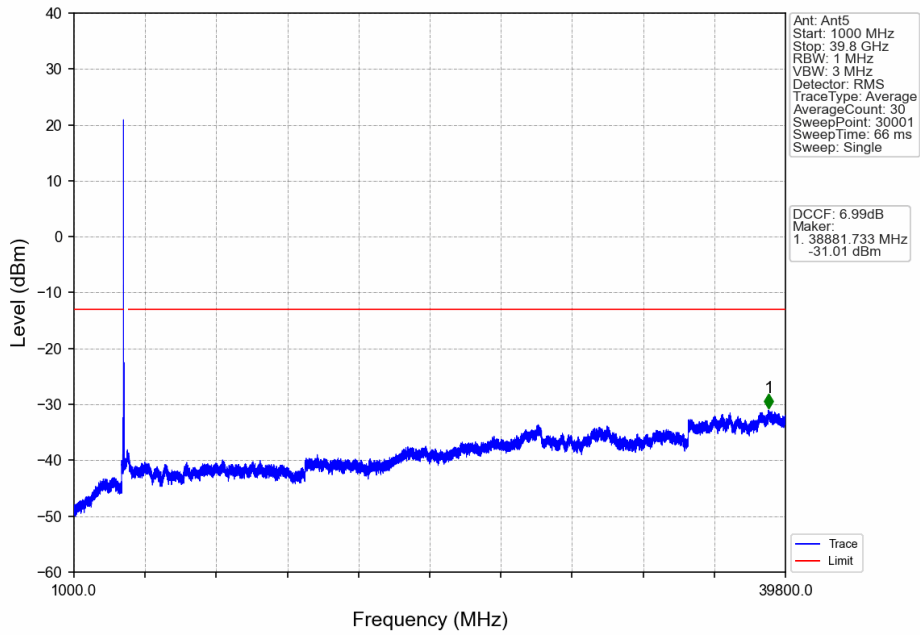
n77a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3740.01MHz\_Edge\_1RB\_Left



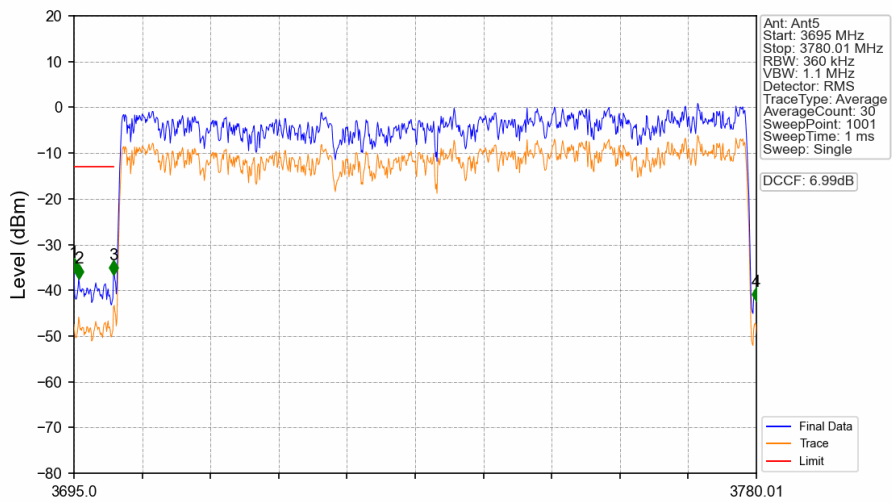
n77a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3740.01MHz\_Edge\_1RB\_Left



n77a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3740.01MHz\_Edge\_1RB\_Left

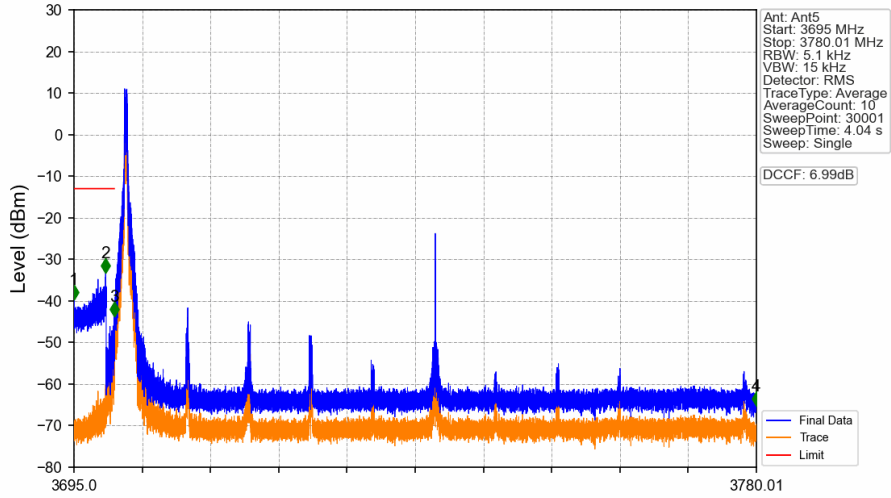


n77a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3740.01MHz\_Outer\_Full



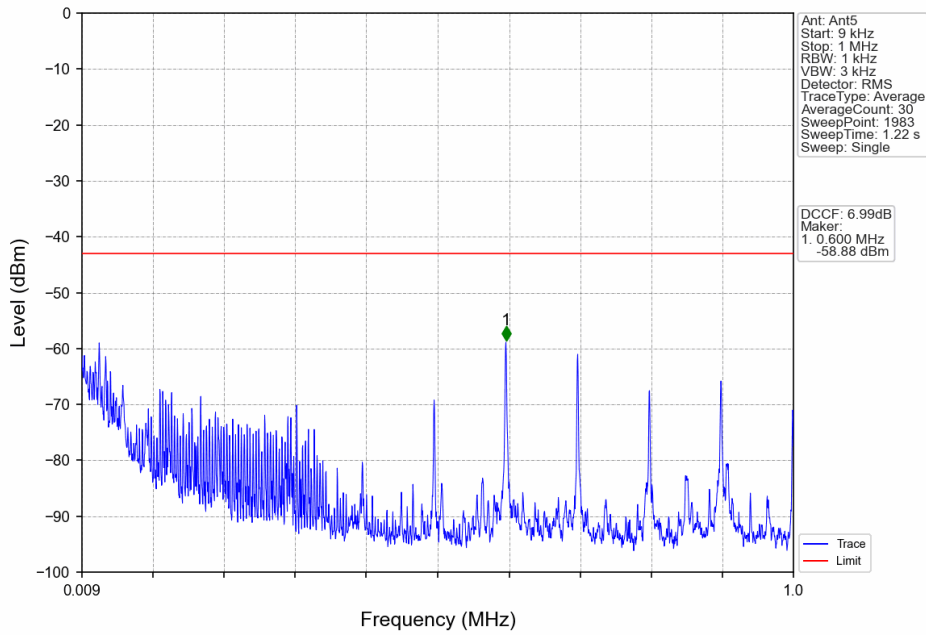
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	4.44	1	3695.000	-36.05	-13	Pass
3695.01	3699.01	0.5	1.43	2	3695.595	-37.40	-13	Pass
3699.01	3700.01	0.36	0	3	3699.931	-36.64	-13	Pass
3700.01	3780.01	0.36	0	4	3780.010	-42.48	-13	Pass

n77a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3740.01MHz\_Inner\_1RB\_Left

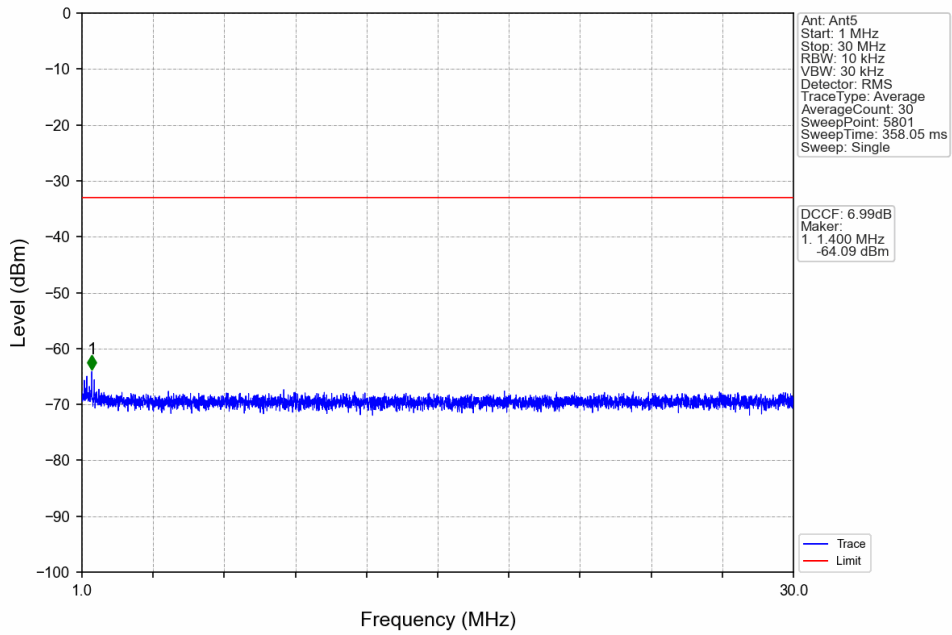


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	22.92	1	3695.003	-39.63	-13	Pass
3695.01	3699.01	0.5	19.91	2	3698.944	-33.30	-13	Pass
3699.01	3700.01	0.0051	0	3	3700.010	-43.80	-13	Pass
3700.01	3780.01	0.0051	0	4	3780.010	-65.26	-13	Pass

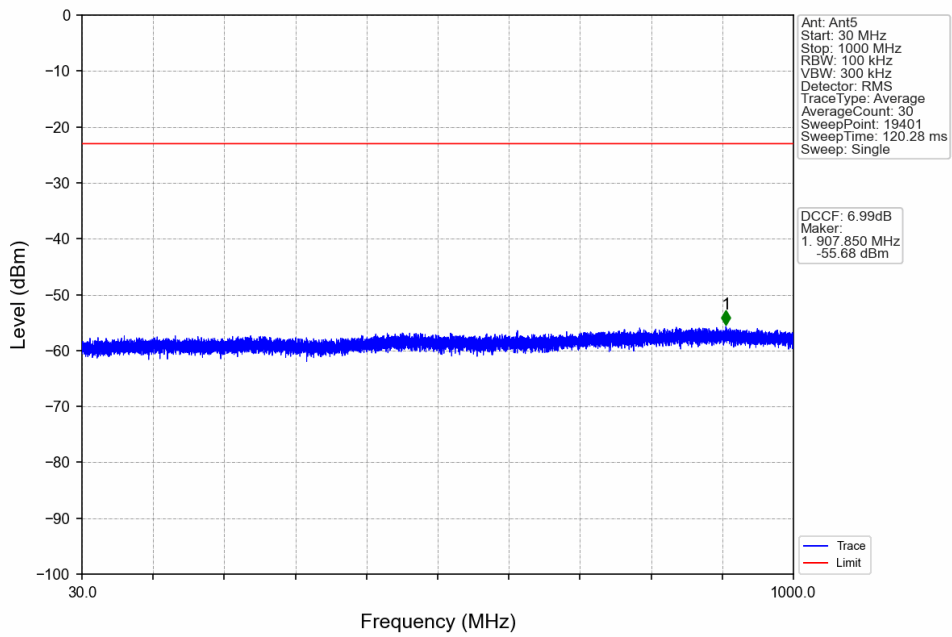
n77a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3840MHz\_Edge\_1RB\_Left



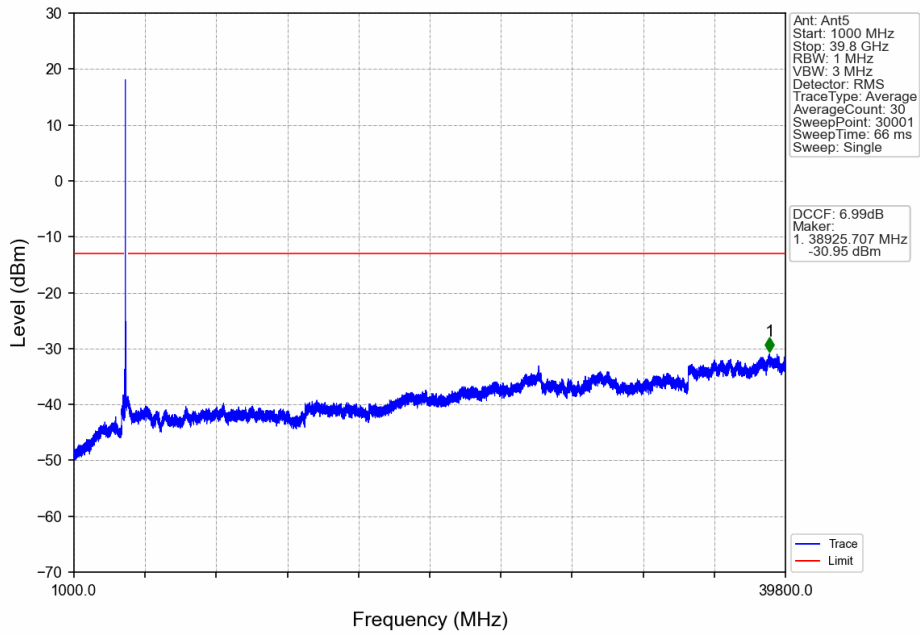
n77a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3840MHz\_Edge\_1RB\_Left



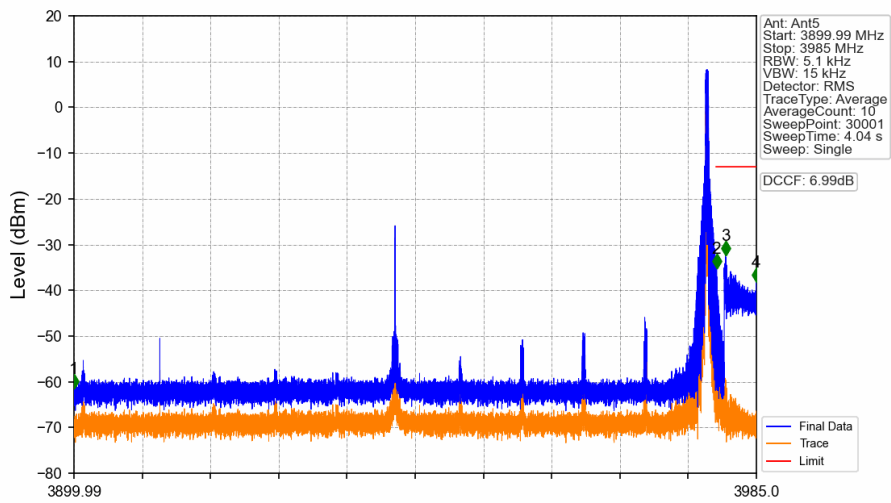
n77a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3840MHz\_Edge\_1RB\_Left



n77a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM QPSK\_3840MHz\_Edge\_1RB\_Left

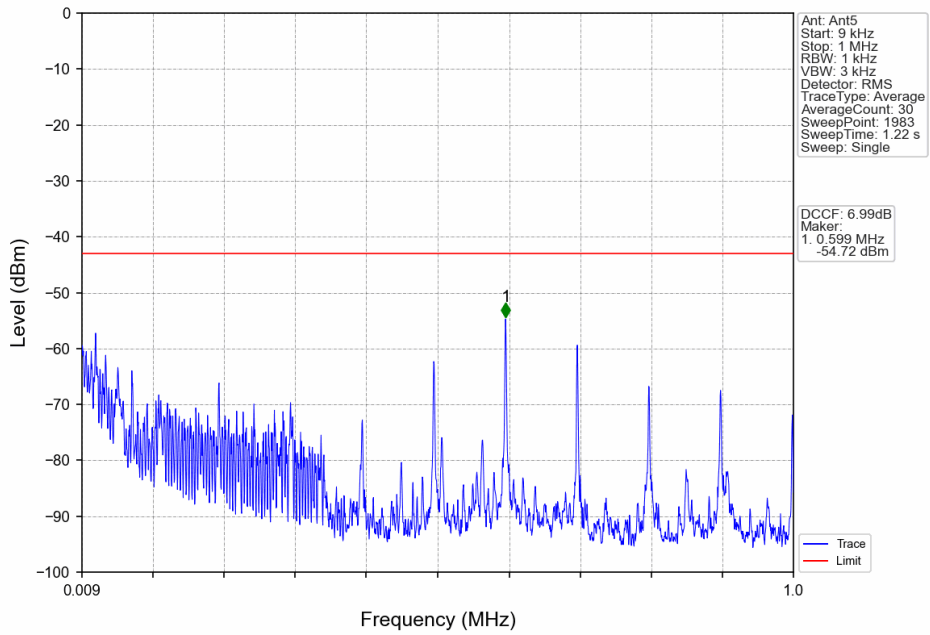


n77a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM QPSK\_3939.99MHz\_Edge\_1RB\_Right

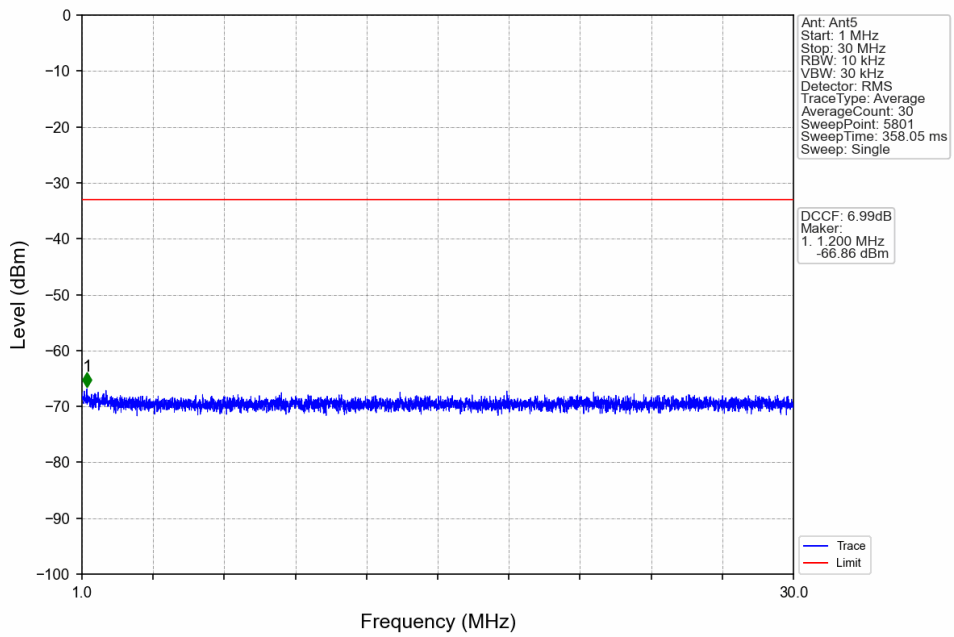


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3899.99	3979.99	0.0051	0	1	3899.990	-61.52	-13	Pass
3979.99	3979.99	0.0051	0	/	/	/	/	/
3979.99	3980.99	0.0051	0	2	3980.044	-35.18	-13	Pass
3980.99	3984.99	0.5	19.91	3	3981.135	-32.33	-13	Pass
3984.99	3985	1	22.92	4	3984.991	-38.24	-13	Pass

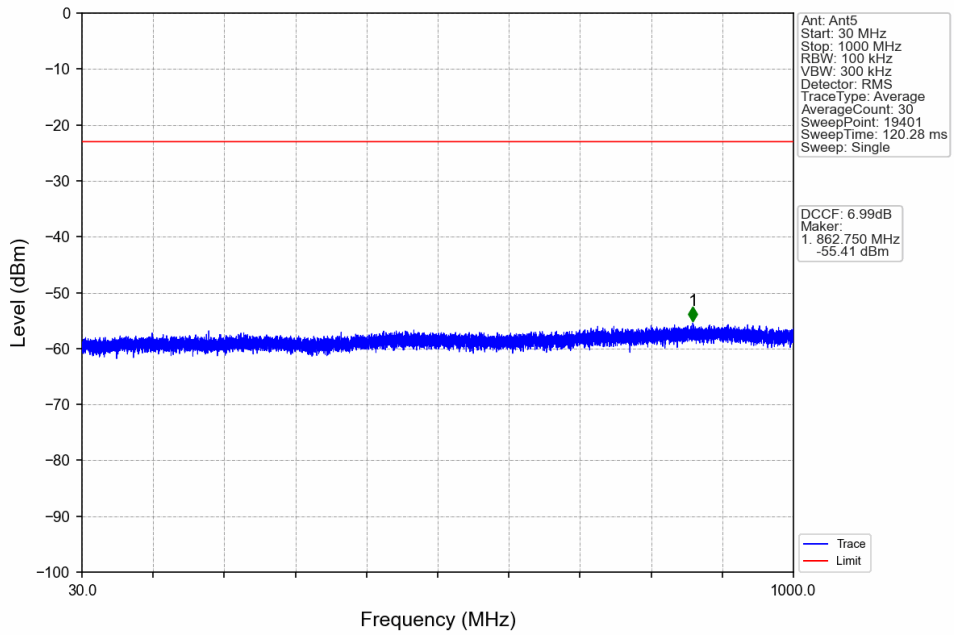
n77a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3939.99MHz\_Edge\_1RB\_Right



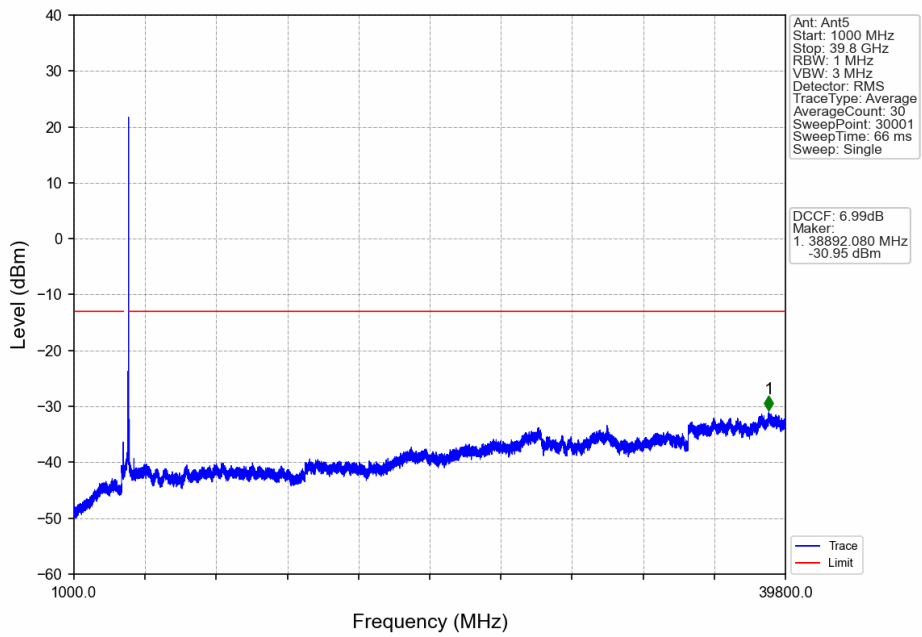
n77a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3939.99MHz\_Edge\_1RB\_Right



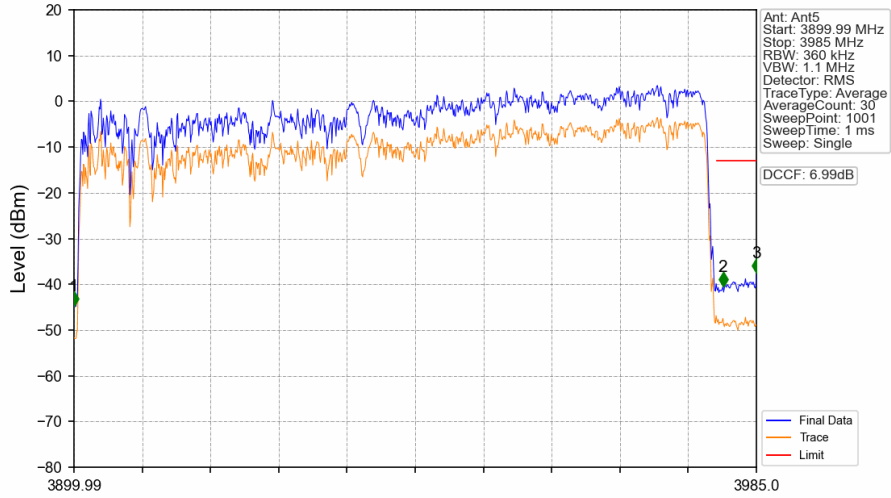
n77a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3939.99MHz\_Edge\_1RB\_Right



n77a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3939.99MHz\_Edge\_1RB\_Right

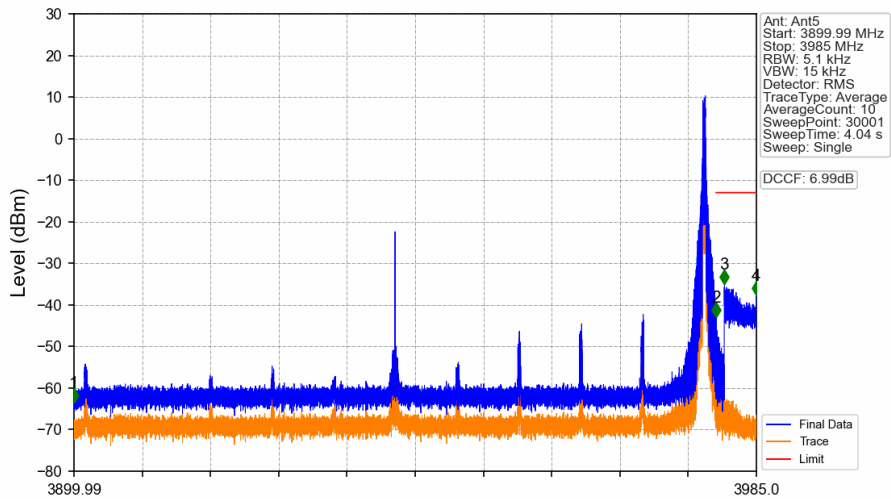


n77a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM QPSK 3939.99MHz\_Outer\_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3899.99	3979.99	0.36	0	1	3899.990	-44.69	-13	Pass
3979.99	3979.99	0.36	0	/	/	/	/	/
3979.99	3980.99	0.36	0	2	3980.835	-40.44	-13	Pass
3980.99	3984.99	0.5	1.43	3	3985.000	-37.56	-13	Pass

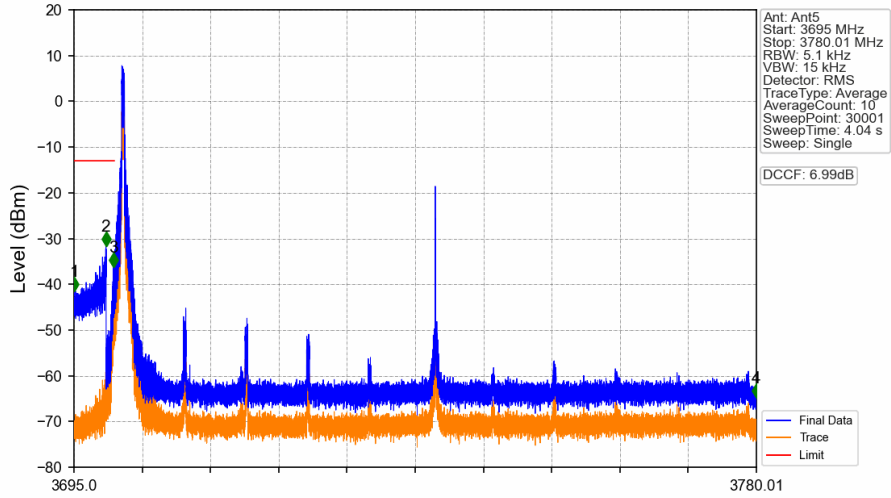
n77a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM QPSK 3939.99MHz\_Inner\_1RB\_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3899.99	3979.99	0.0051	0	1	3899.990	-63.53	-13	Pass
3979.99	3979.99	0.0051	0	/	/	/	/	/
3979.99	3980.99	0.0051	0	2	3980.013	-43.02	-13	Pass
3980.99	3984.99	0.5	19.91	3	3981.024	-35.02	-13	Pass
3984.99	3985	1	22.92	4	3984.997	-37.70	-13	Pass

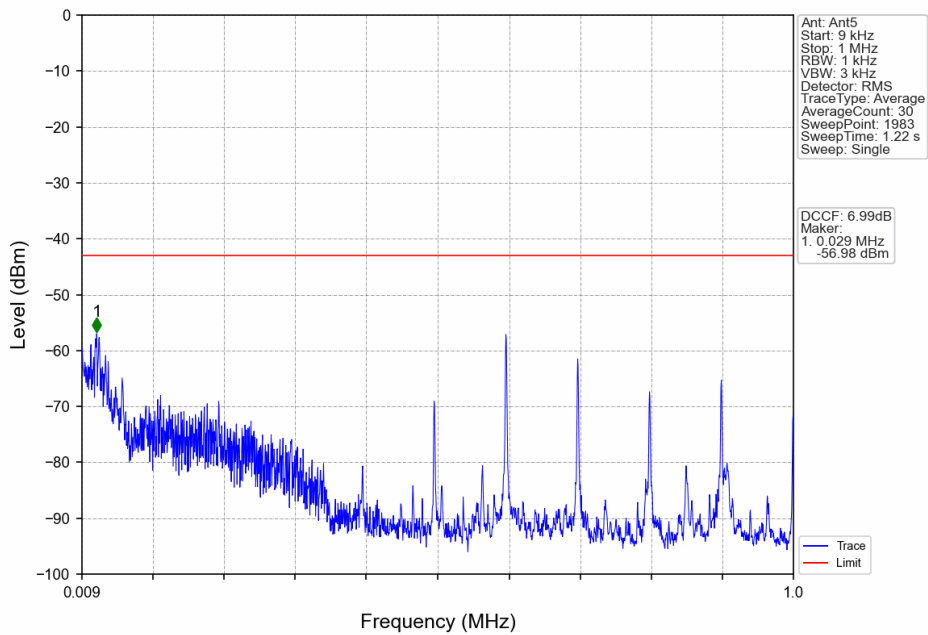


n77a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3740.01MHz\_Edge\_1RB\_Left

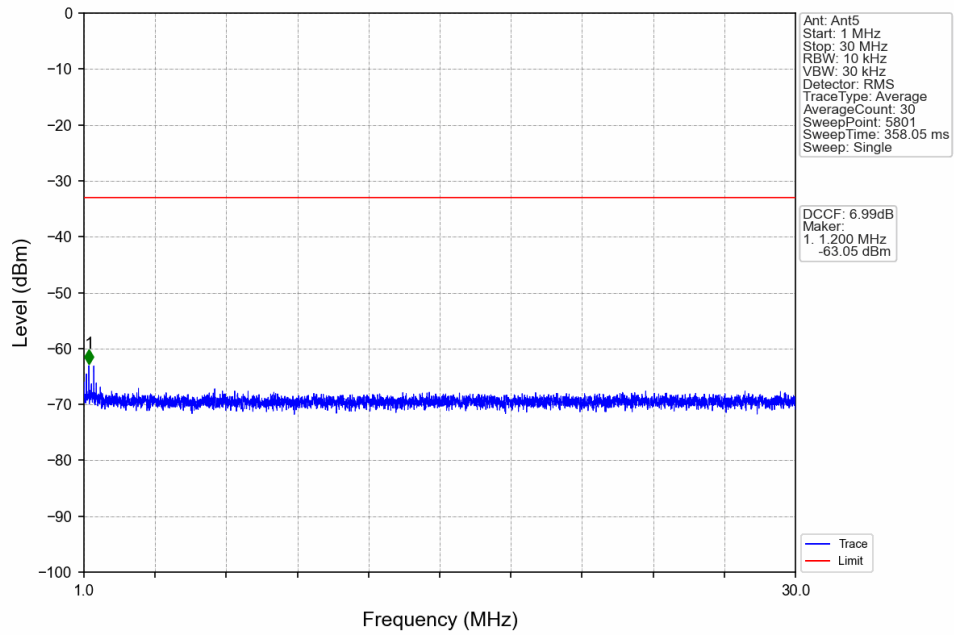


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	22.92	1	3695.009	-41.56	-13	Pass
3695.01	3699.01	0.5	19.91	2	3698.978	-31.66	-13	Pass
3699.01	3700.01	0.0051	0	3	3699.908	-36.21	-13	Pass
3700.01	3780.01	0.0051	0	4	3780.010	-64.79	-13	Pass

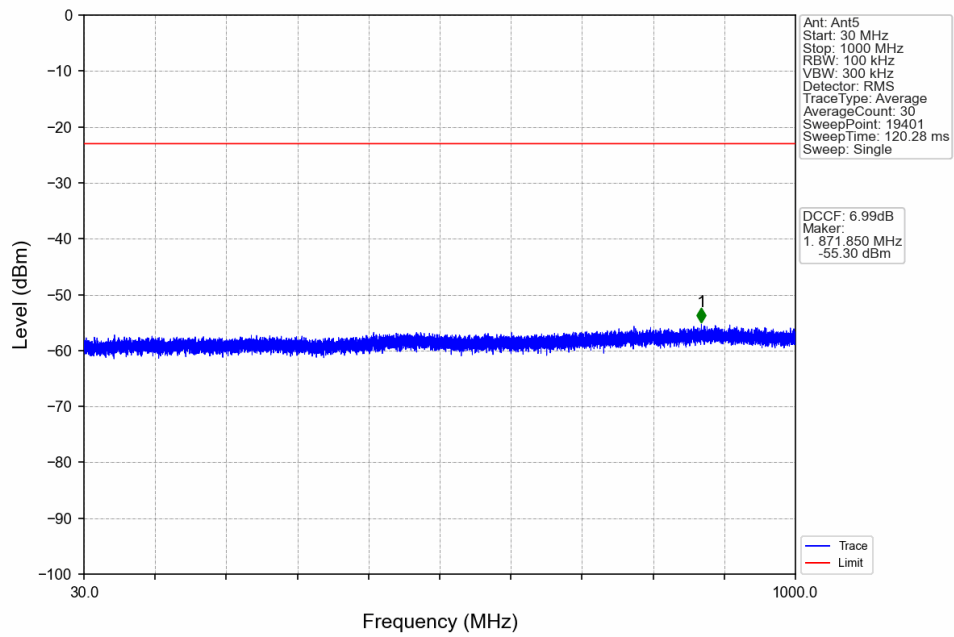
n77a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3740.01MHz\_Edge\_1RB\_Left



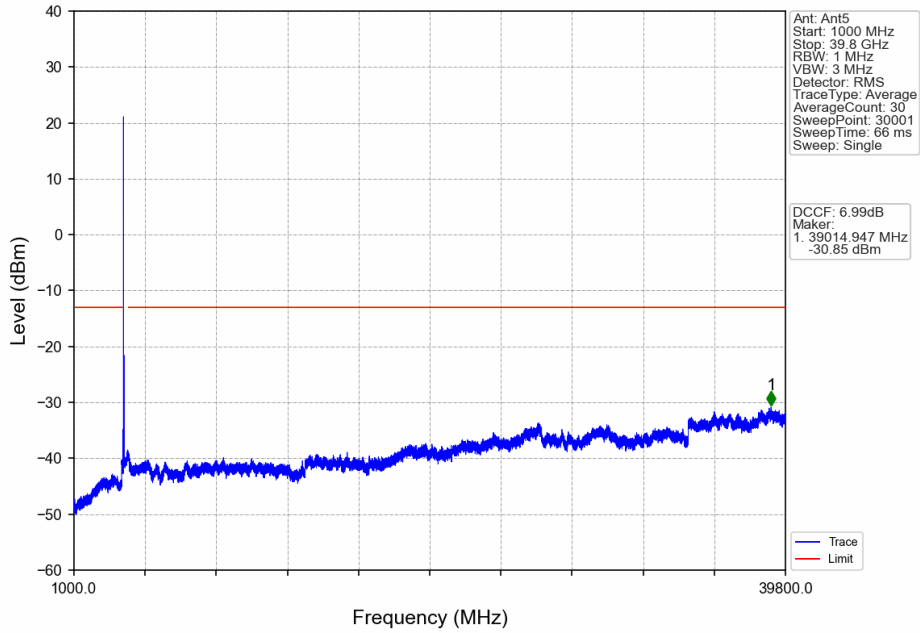
n77a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3740.01MHz\_Edge\_1RB\_Left



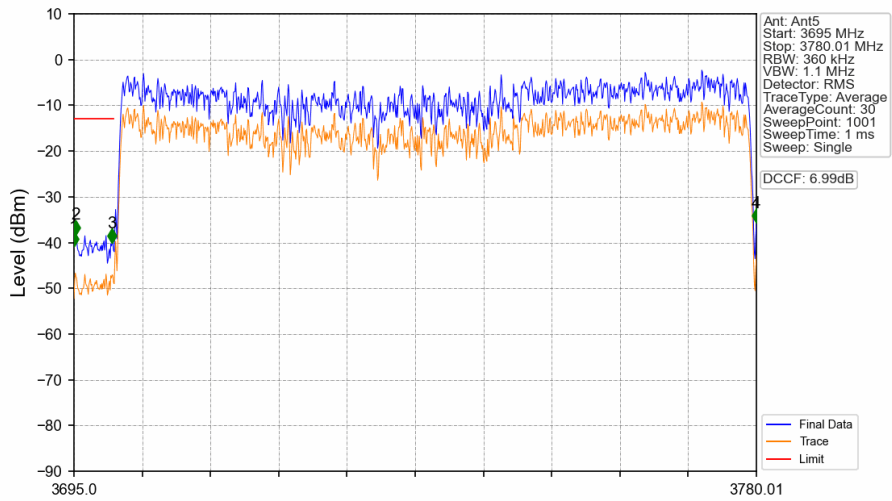
n77a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3740.01MHz\_Edge\_1RB\_Left



n77a\_30kHz\_SISO\_NTV\_80MHz\_CP-OFDM\_QPSK\_3740.01MHz\_Edge\_1RB\_Left

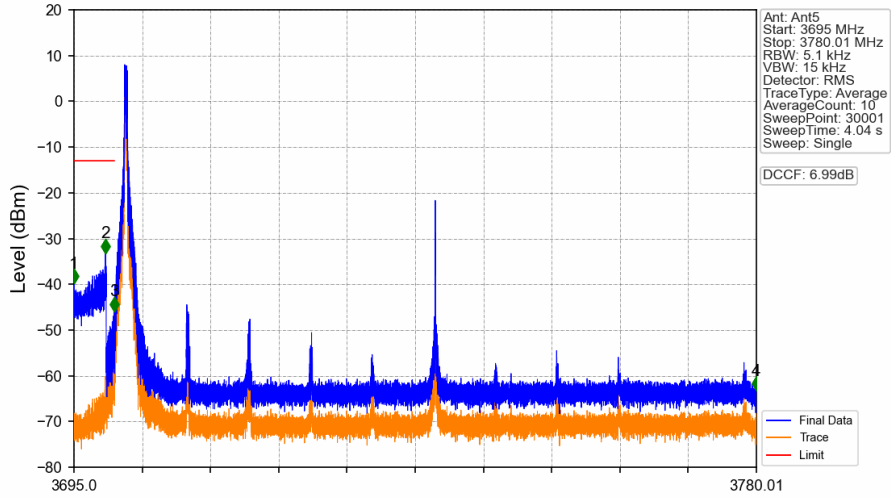


n77a\_30kHz\_SISO\_NTV\_80MHz\_CP-OFDM\_QPSK\_3740.01MHz\_Outer\_Full



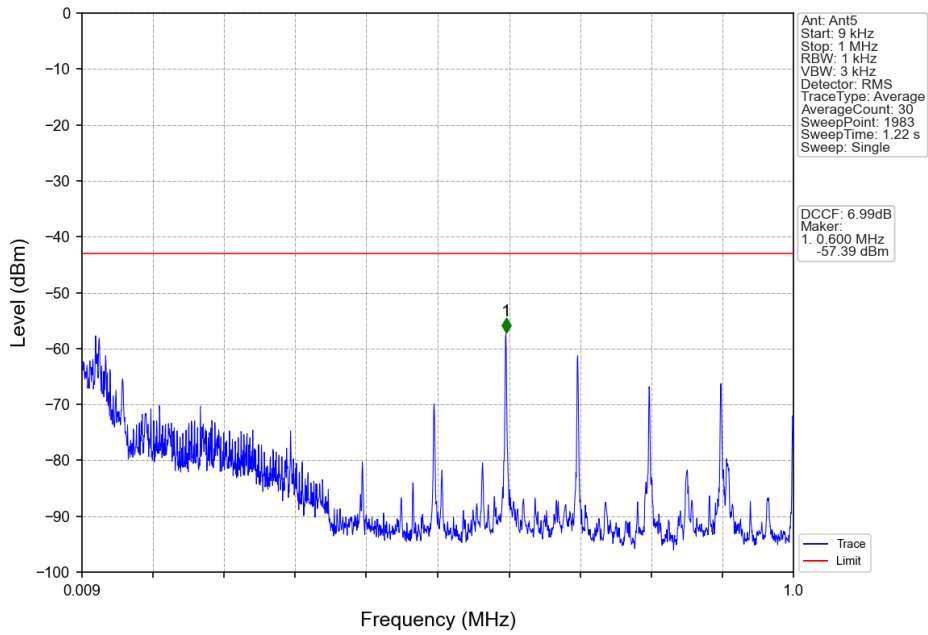
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	4.44	1	3695.000	-40.84	-13	Pass
3695.01	3699.01	0.5	1.43	2	3695.170	-38.25	-13	Pass
3699.01	3700.01	0.36	0	3	3699.761	-40.07	-13	Pass
3700.01	3780.01	0.36	0	4	3780.010	-35.75	-13	Pass

n77a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM QPSK\_3740.01MHz\_Inner\_1RB\_Left

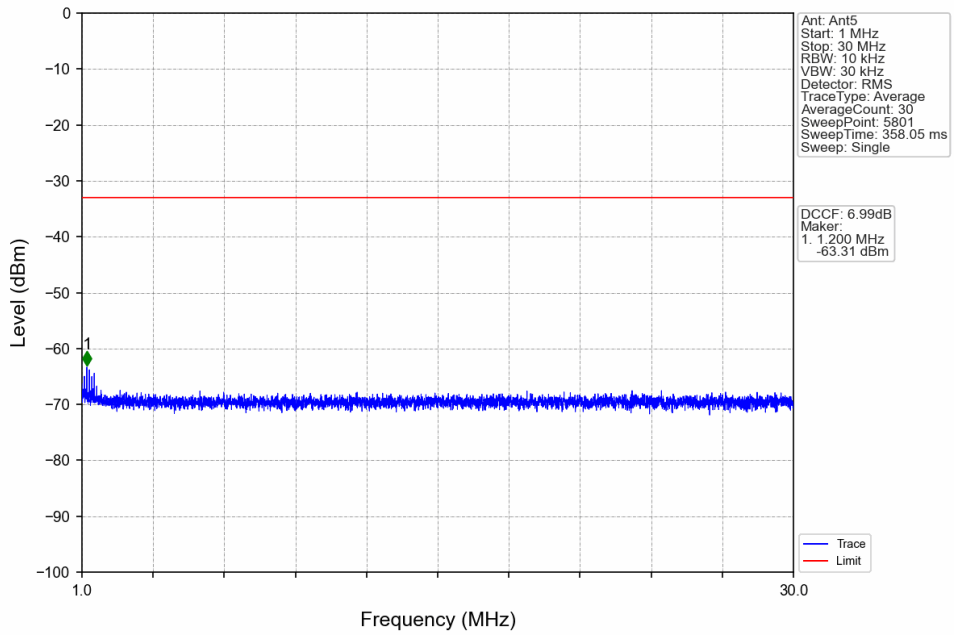


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	22.92	1	3695.006	-39.84	-13	Pass
3695.01	3699.01	0.5	19.91	2	3698.925	-33.19	-13	Pass
3699.01	3700.01	0.0051	0	3	3700.001	-45.88	-13	Pass
3700.01	3780.01	0.0051	0	4	3780.010	-63.22	-13	Pass

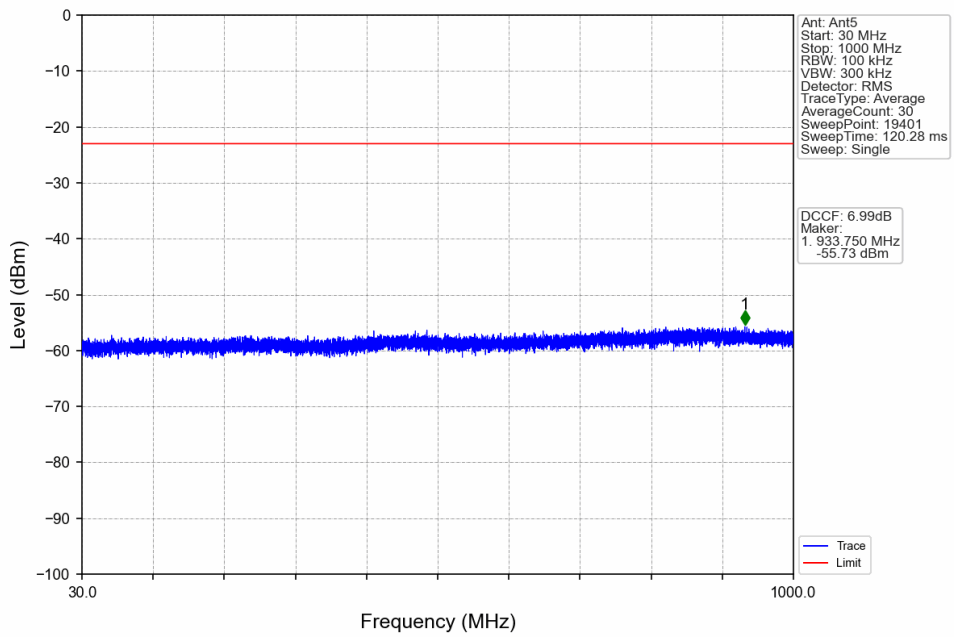
n77a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM QPSK\_3840MHz\_Edge\_1RB\_Left



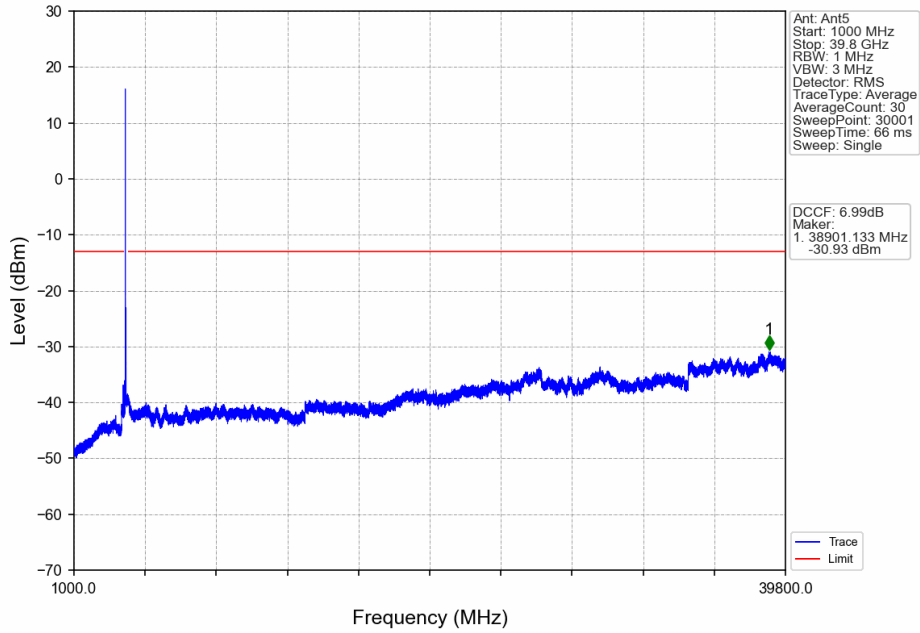
n77a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM QPSK\_3840MHz\_Edge\_1RB\_Left



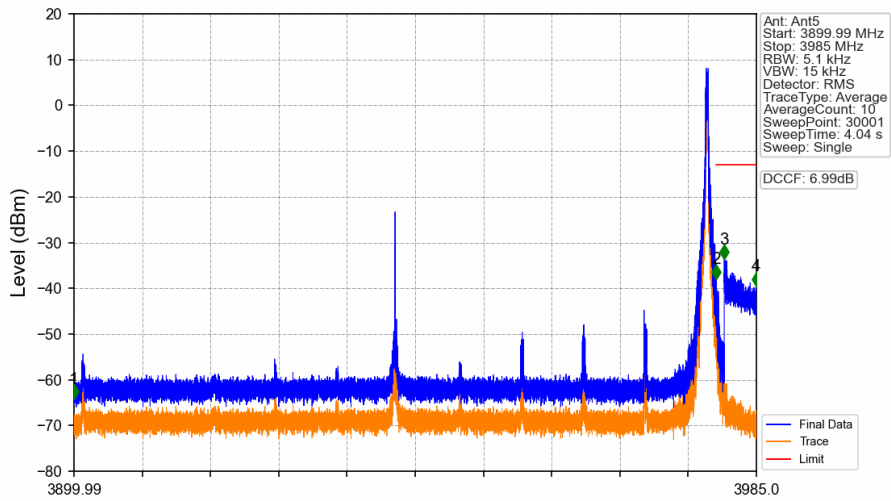
n77a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM QPSK\_3840MHz\_Edge\_1RB\_Left



n77a\_30kHz\_SISO\_NTV\_80MHz\_CP-OFDM\_QPSK\_3840MHz\_Edge\_1RB\_Left

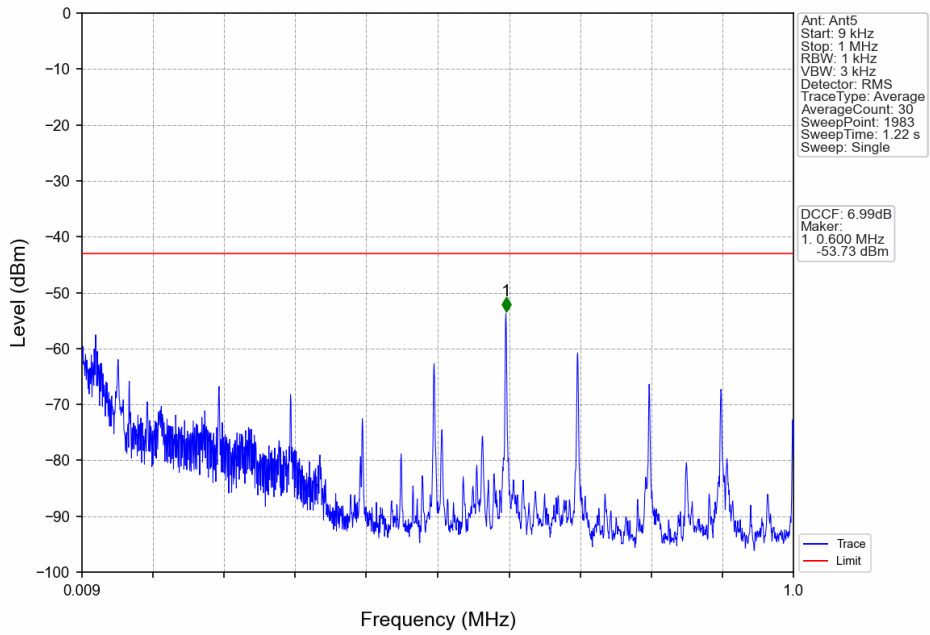


n77a\_30kHz\_SISO\_NTV\_80MHz\_CP-OFDM\_QPSK\_3939.99MHz\_Edge\_1RB\_Right

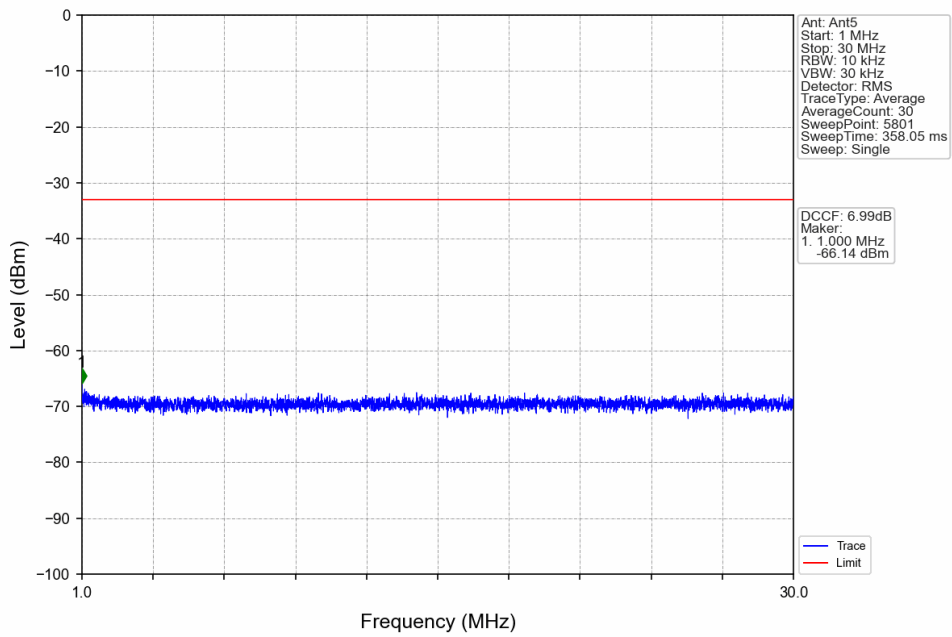


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3899.99	3979.99	0.0051	0	1	3899.990	-64.07	-13	Pass
3979.99	3979.99	0.0051	0	/	/	/	/	/
3979.99	3980.99	0.0051	0	2	3980.007	-37.95	-13	Pass
3980.99	3984.99	0.5	19.91	3	3980.999	-33.64	-13	Pass
3984.99	3985	1	22.92	4	3985.000	-39.52	-13	Pass

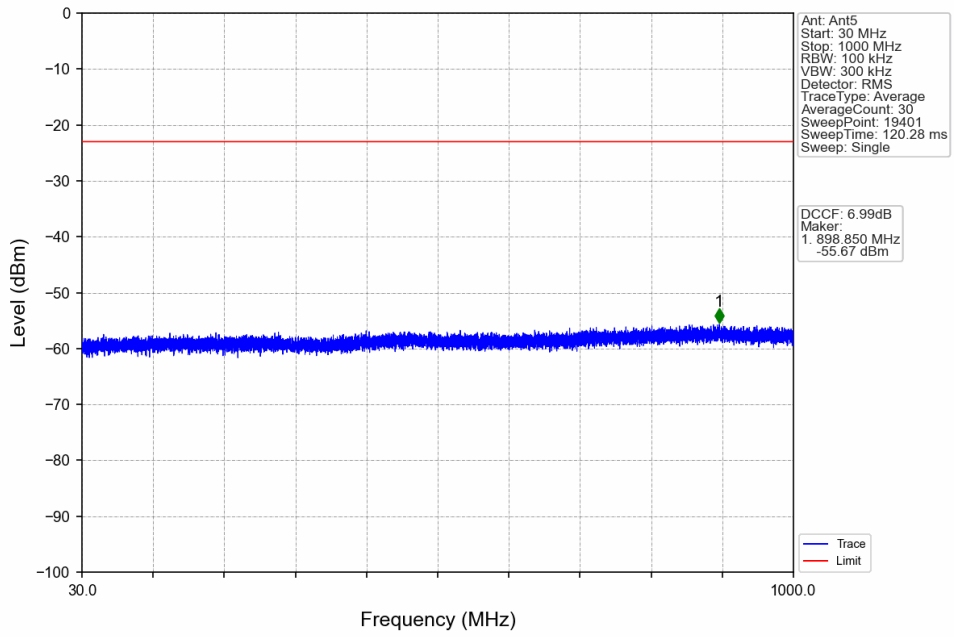
n77a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3939.99MHz\_Edge\_1RB\_Right



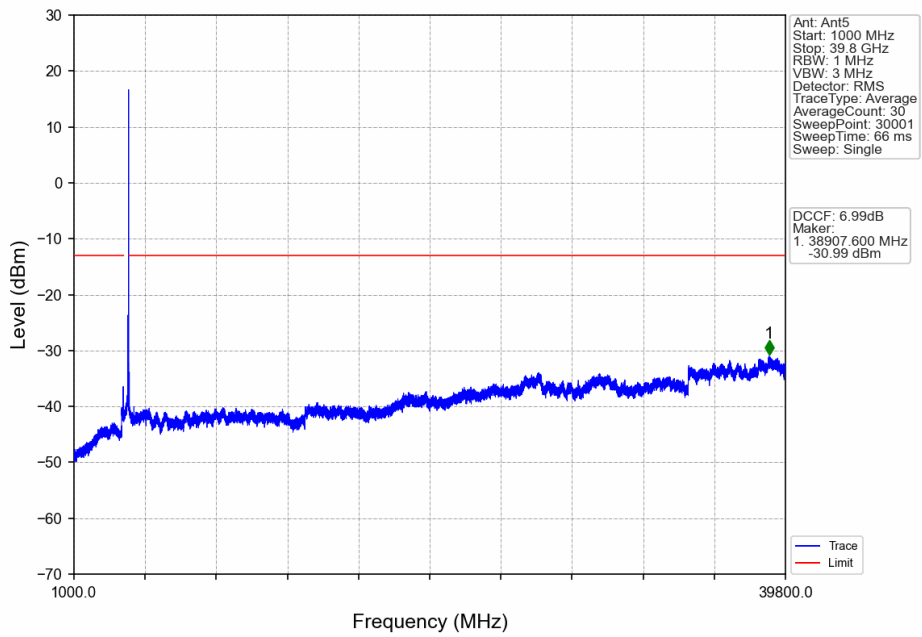
n77a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3939.99MHz\_Edge\_1RB\_Right



n77a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3939.99MHz\_Edge\_1RB\_Right

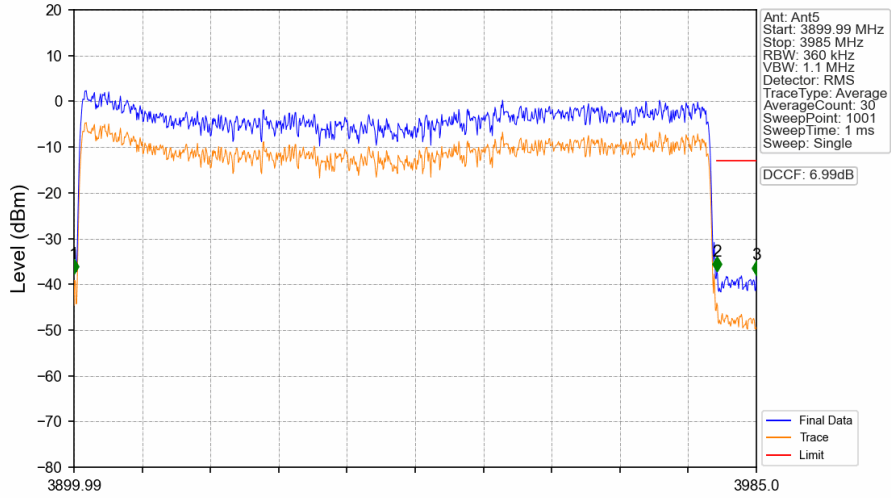


n77a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3939.99MHz\_Edge\_1RB\_Right



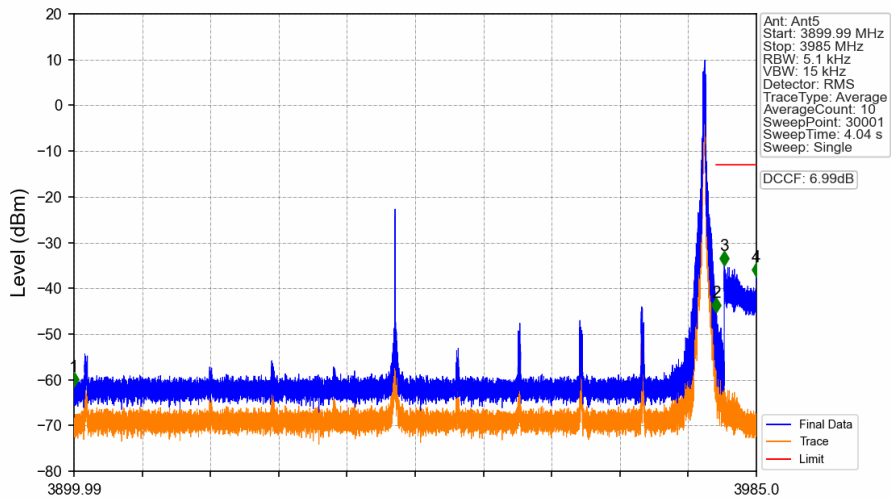


n77a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM QPSK\_3939.99MHz\_Outer\_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3899.99	3979.99	0.36	0	1	3899.990	-37.64	-13	Pass
3979.99	3979.99	0.36	0	/	/	/	/	/
3979.99	3980.99	0.36	0	2	3980.069	-37.10	-13	Pass
3980.99	3984.99	0.5	1.43	3	3985.000	-37.95	-13	Pass

n77a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM QPSK\_3939.99MHz\_Inner\_1RB\_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3899.99	3979.99	0.0051	0	1	3899.990	-61.56	-13	Pass
3979.99	3979.99	0.0051	0	/	/	/	/	/
3979.99	3980.99	0.0051	0	2	3979.990	-45.25	-13	Pass
3980.99	3984.99	0.5	19.91	3	3980.996	-34.98	-13	Pass
3984.99	3985	1	22.92	4	3984.994	-37.45	-13	Pass

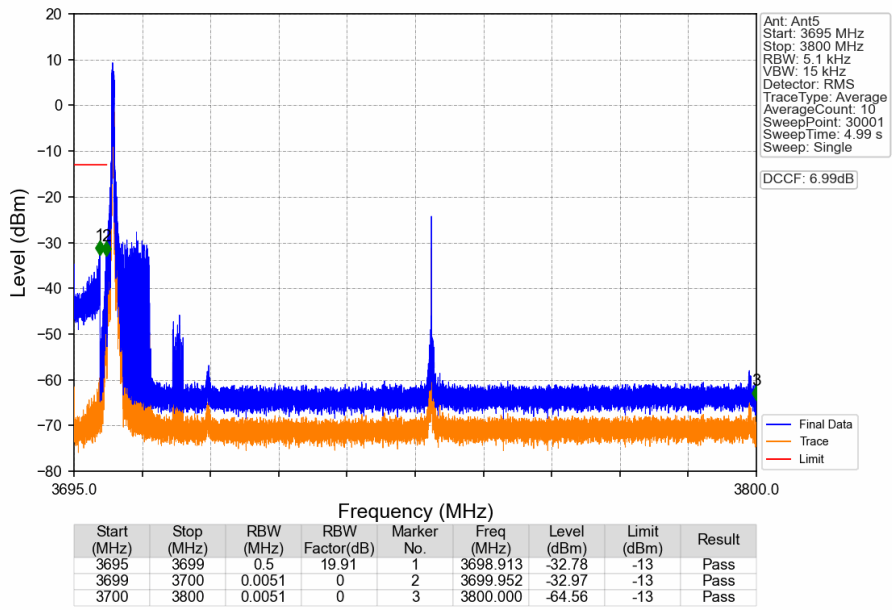
## 1.6 30k\_SISO\_100MHz\_NTNV

### 1.6.1 Test Result

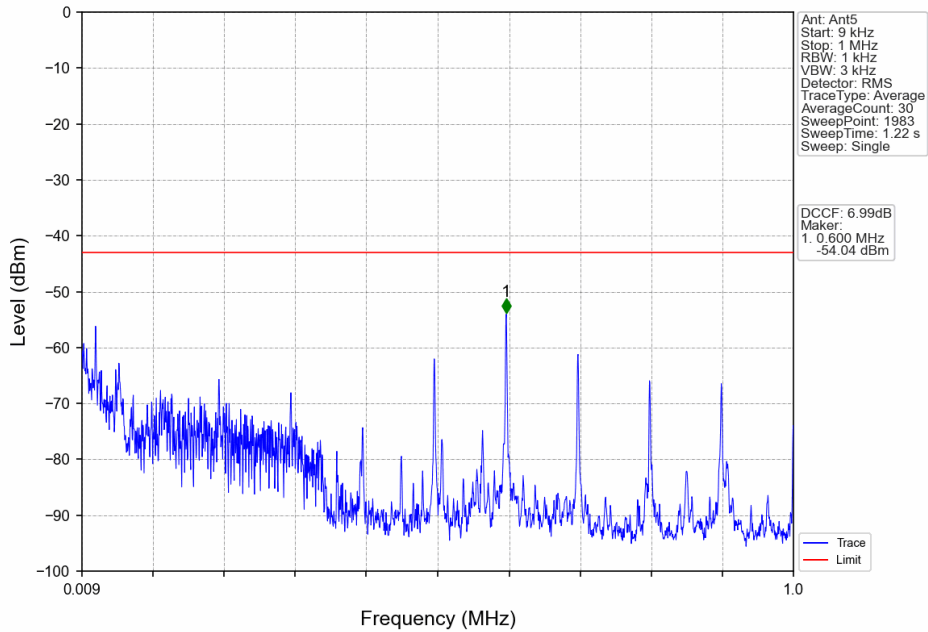
5G NR n77a SCS=30kHz SISO 100MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict	
			Ant5	Ant2	Sum		Limit
DFT-s-OFDM QPSK	3750	Edge_1RB_Left	Refer To Test Graph			Pass	
		Outer_Full	Refer To Test Graph			Pass	
		Inner_1RB_Left	Refer To Test Graph			Pass	
	3840	Edge_1RB_Left	Refer To Test Graph			Pass	
		3930	Edge_1RB_Right	Refer To Test Graph			Pass
			Outer_Full	Refer To Test Graph			Pass
CP-OFDM QPSK	3750	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	
		3930	Edge_1RB_Right	Refer To Test Graph			Pass
	Outer_Full		Refer To Test Graph			Pass	
	Inner_1RB_Right		Refer To Test Graph			Pass	

## 1.6.2 Test Graph

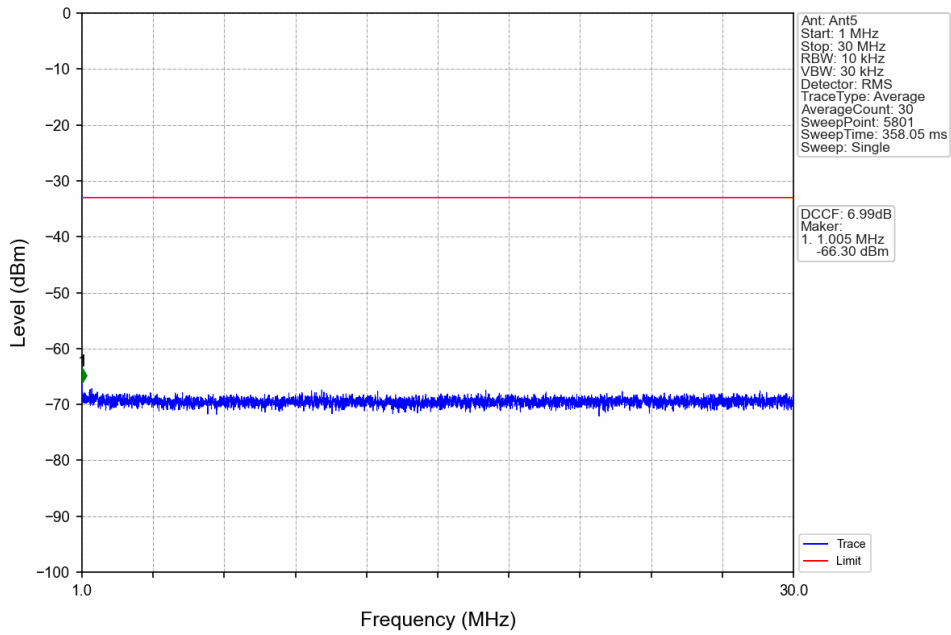
n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM QPSK\_3750MHz\_Edge\_1RB\_Left



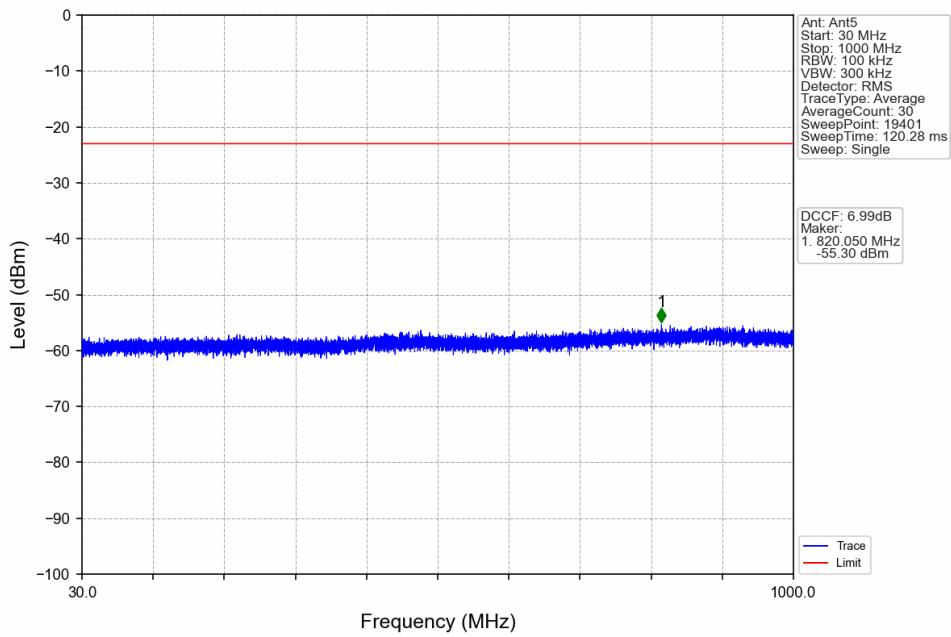
n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM QPSK\_3750MHz\_Edge\_1RB\_Left



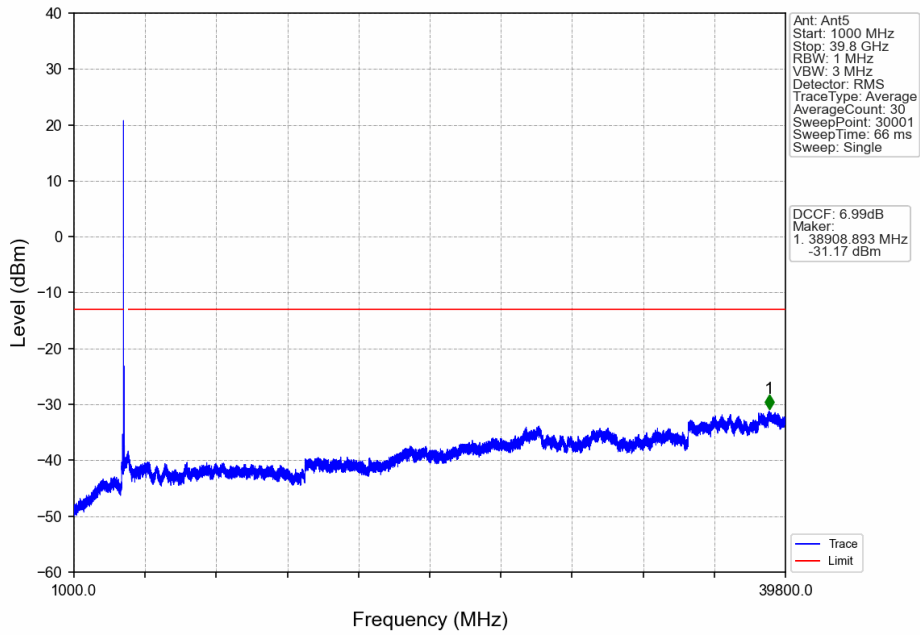
n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left



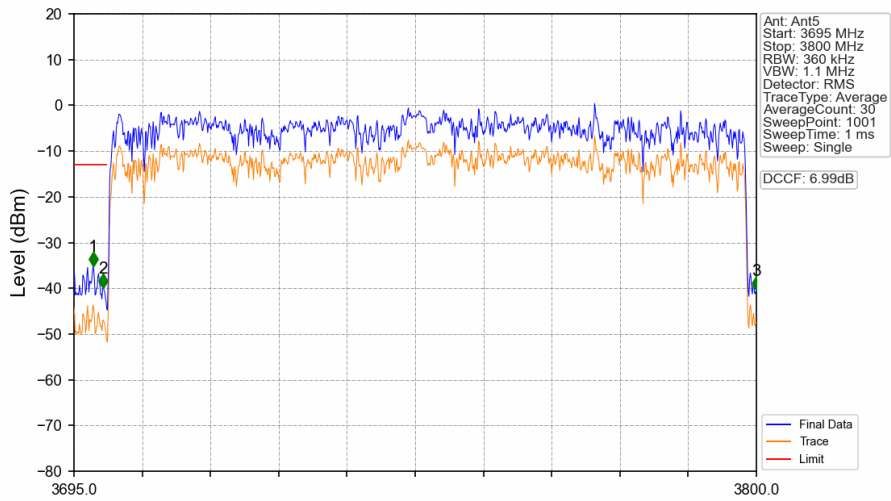
n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left



n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM QPSK\_3750MHz\_Edge\_1RB\_Left

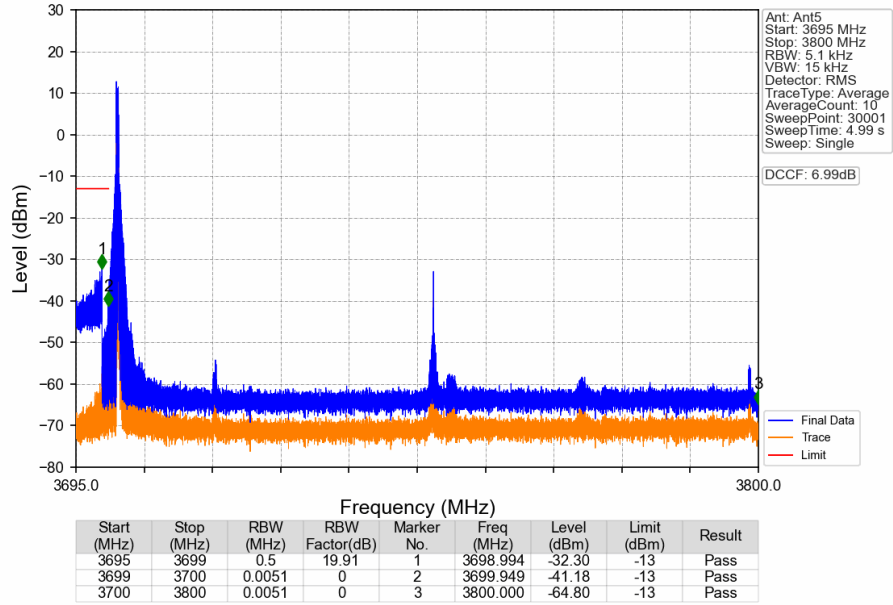


n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM QPSK\_3750MHz\_Outer\_Full

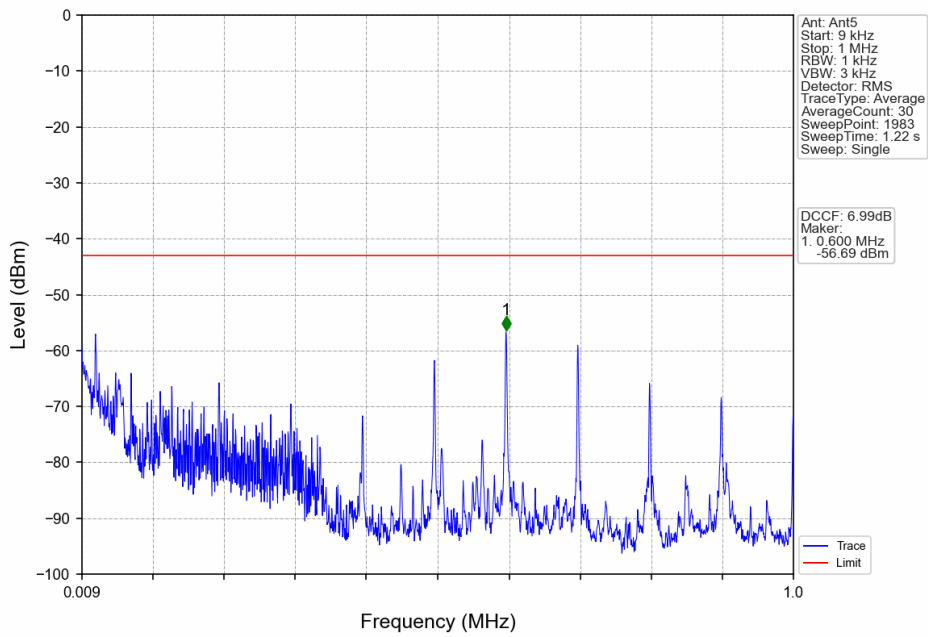


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	1.43	1	3697.940	-35.26	-13	Pass
3699	3700	0.36	0	2	3699.515	-39.98	-13	Pass
3700	3800	0.36	0	3	3800.000	-40.52	-13	Pass

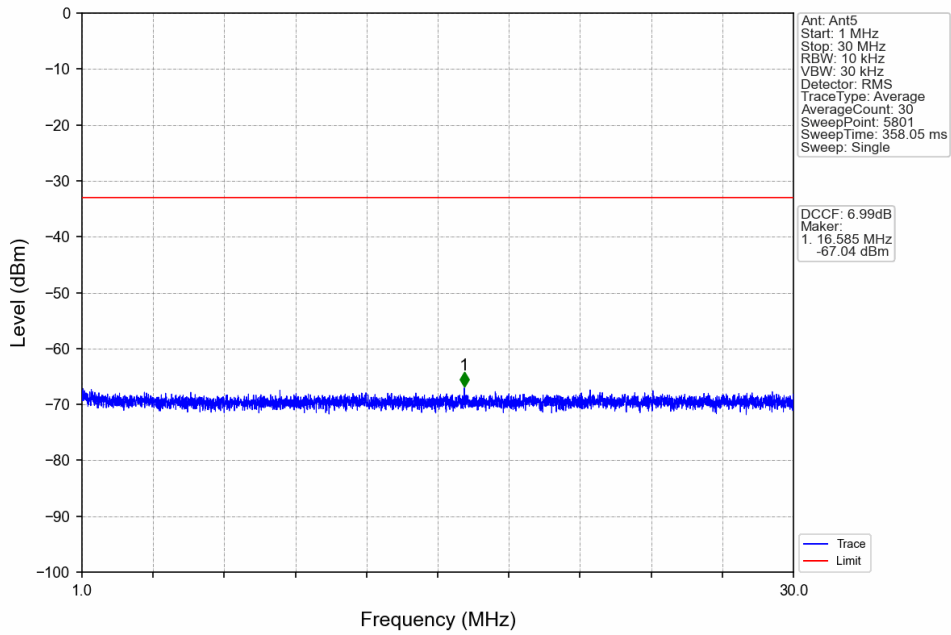
n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Inner\_1RB\_Left



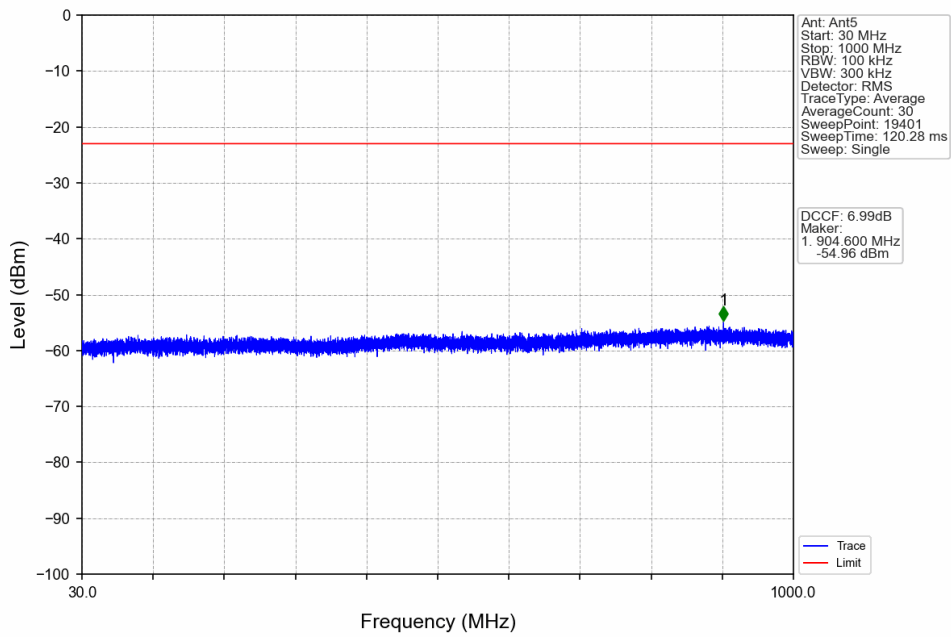
n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3840MHz\_Edge\_1RB\_Left



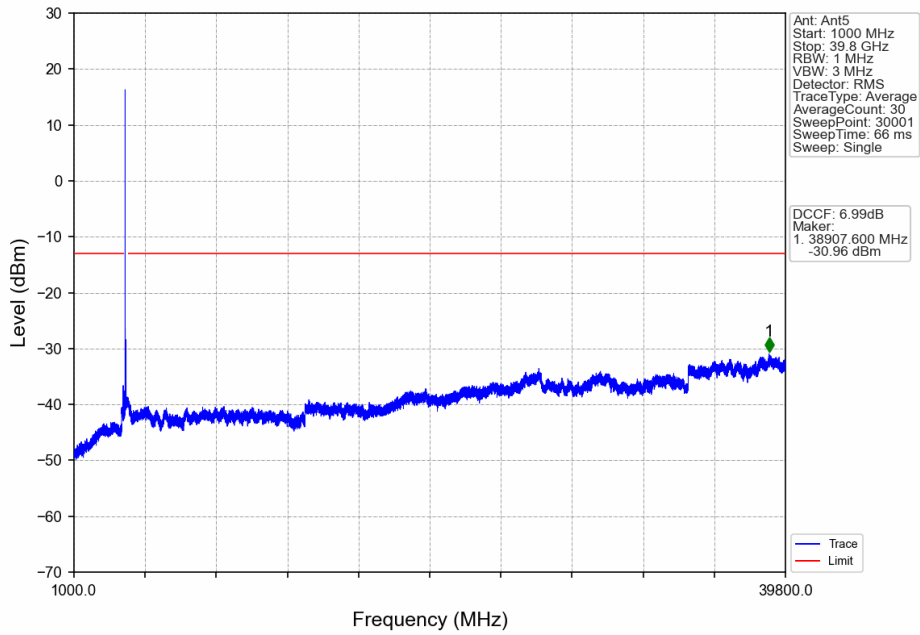
n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3840MHz\_Edge\_1RB\_Left



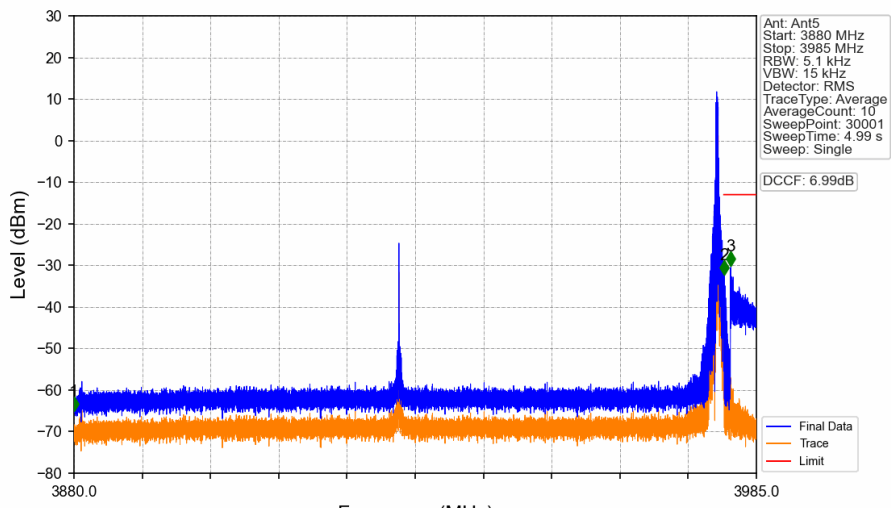
n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3840MHz\_Edge\_1RB\_Left



n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3840MHz\_Edge\_1RB\_Left



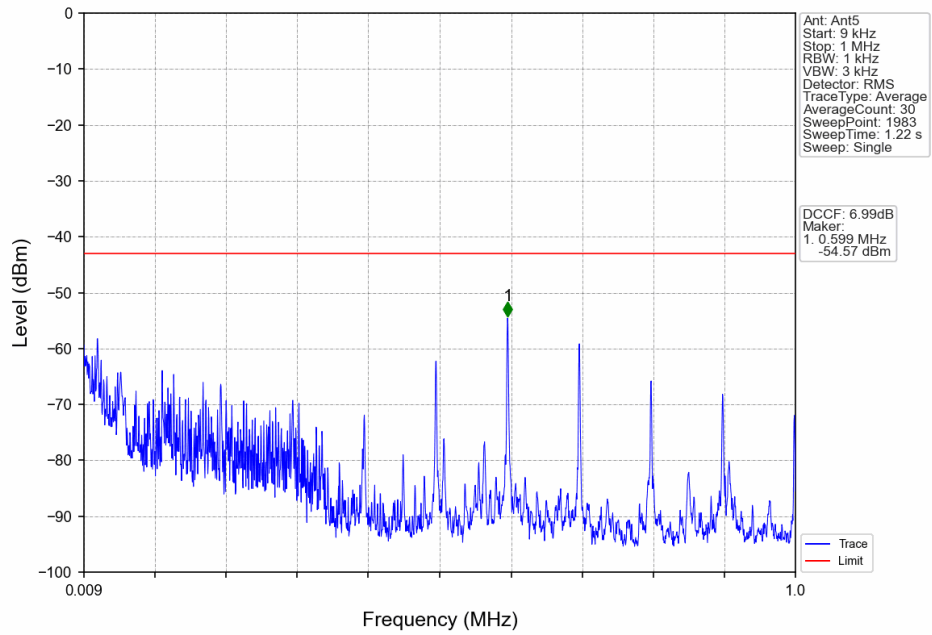
n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3930MHz\_Edge\_1RB\_Right



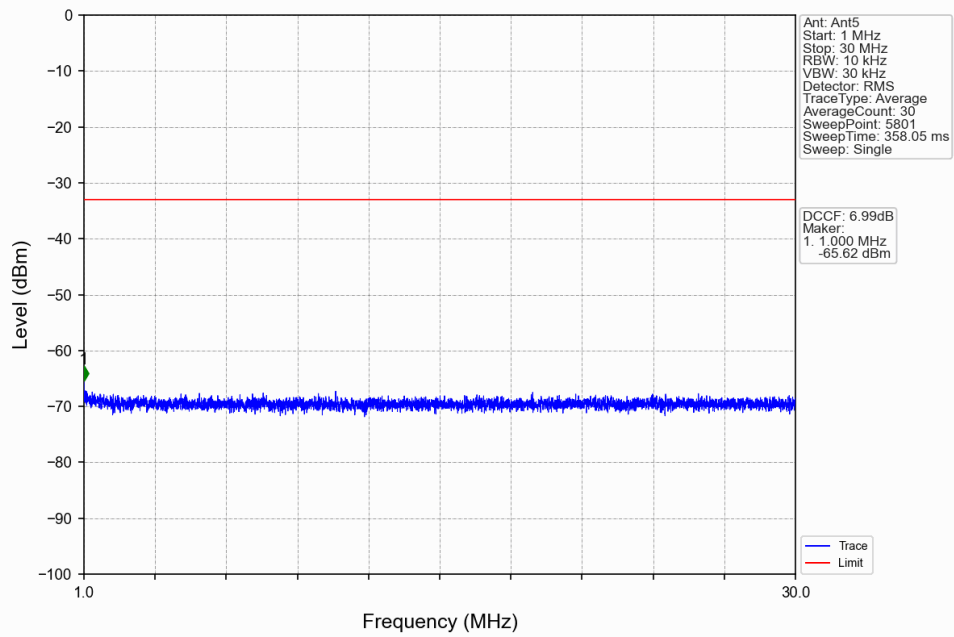
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3880	3980	0.0051	0	1	3880.000	-65.11	-13	Pass
3980	3980	0.0051	0	/	/	/	/	/
3980	3981	0.0051	0	2	3980.016	-32.22	-13	Pass
3981	3985	0.5	19.91	3	3981.077	-30.17	-13	Pass



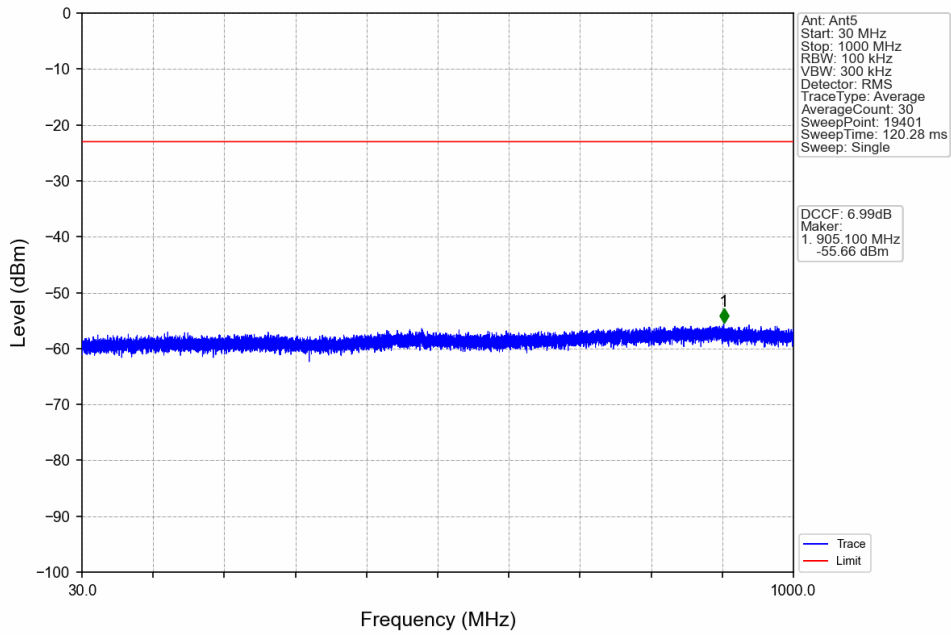
n77a\_30kHz\_SISO\_NTV\_100MHz\_DFT-s-OFDM\_QPSK\_3930MHz\_Edge\_1RB\_Right



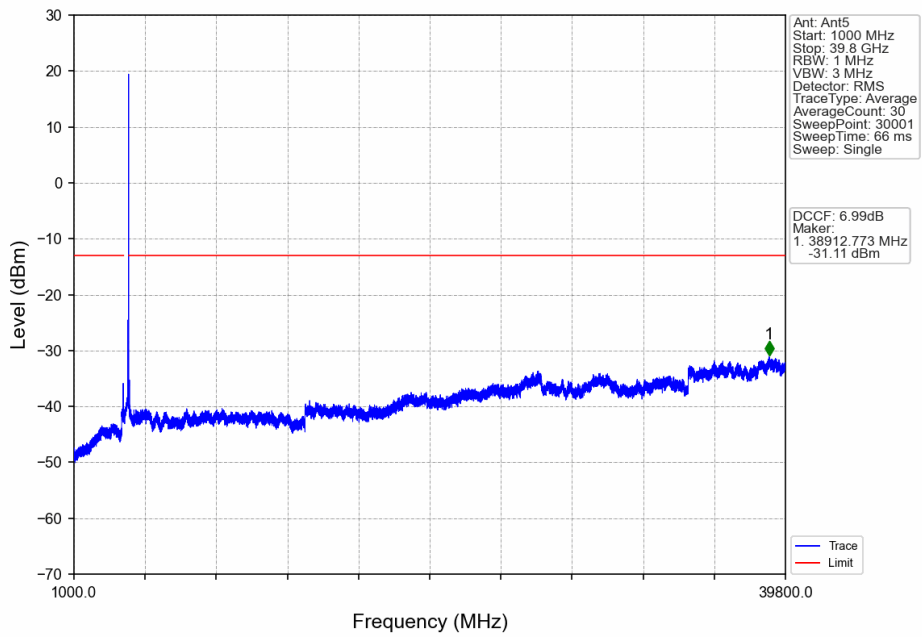
n77a\_30kHz\_SISO\_NTV\_100MHz\_DFT-s-OFDM\_QPSK\_3930MHz\_Edge\_1RB\_Right



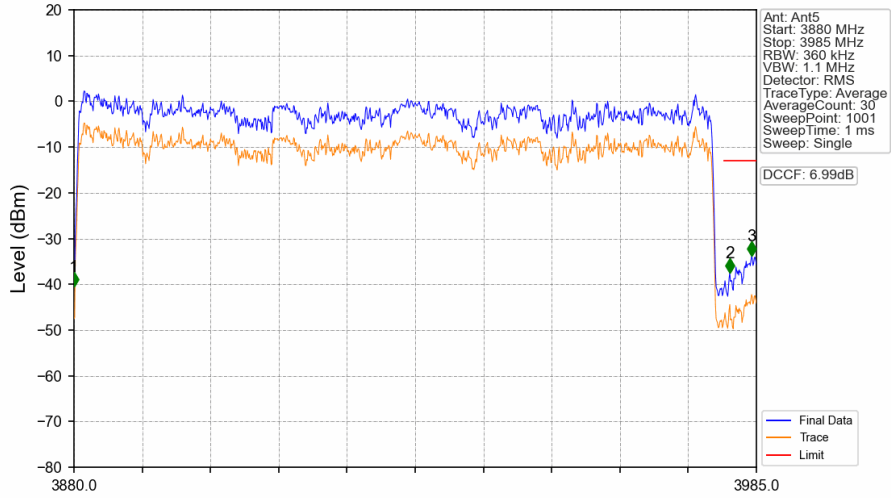
n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3930MHz\_Edge\_1RB\_Right



n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3930MHz\_Edge\_1RB\_Right

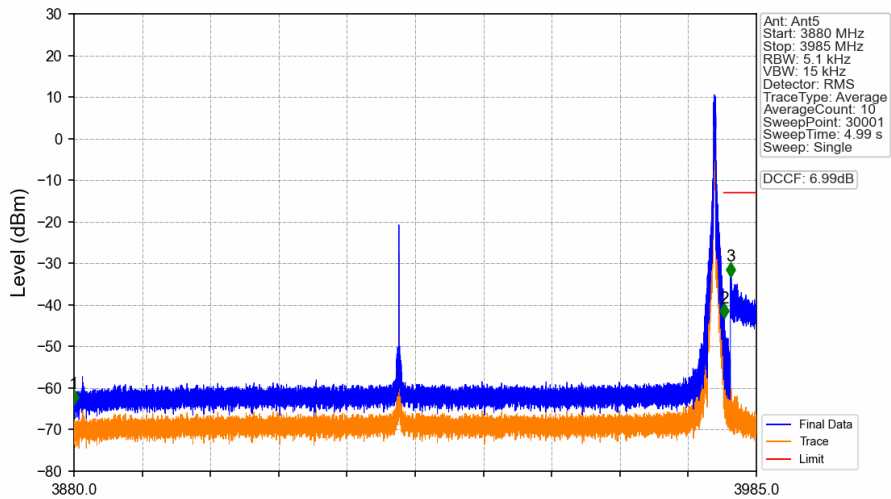


n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3930MHz\_Outer\_Full



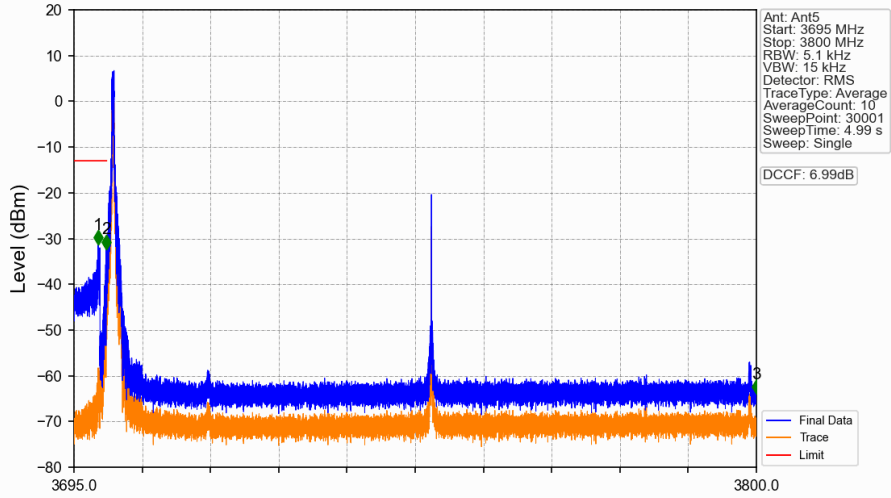
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3880	3980	0.36	0	1	3880.000	-40.55	-13	Pass
3980	3980	0.36	0	/	/	/	/	/
3980	3981	0.36	0	2	3980.905	-37.44	-13	Pass
3981	3985	0.5	1.43	3	3984.265	-33.83	-13	Pass

n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3930MHz\_Inner\_1RB\_Right



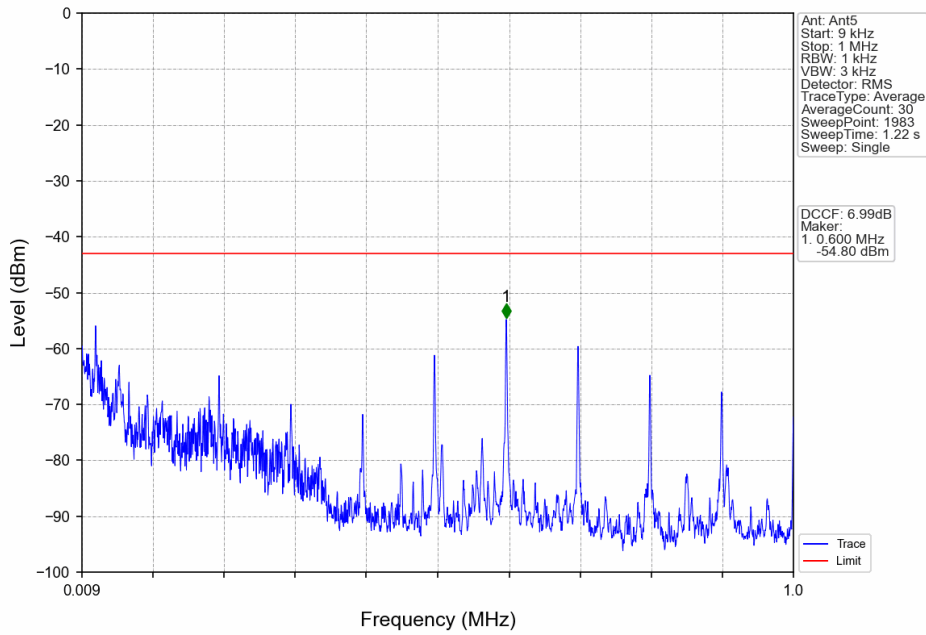
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3880	3980	0.0051	0	1	3880.000	-63.83	-13	Pass
3980	3980	0.0051	0	/	/	/	/	/
3980	3981	0.0051	0	2	3980.048	-43.22	-13	Pass
3981	3985	0.5	19.91	3	3981.028	-33.15	-13	Pass

n77a\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left

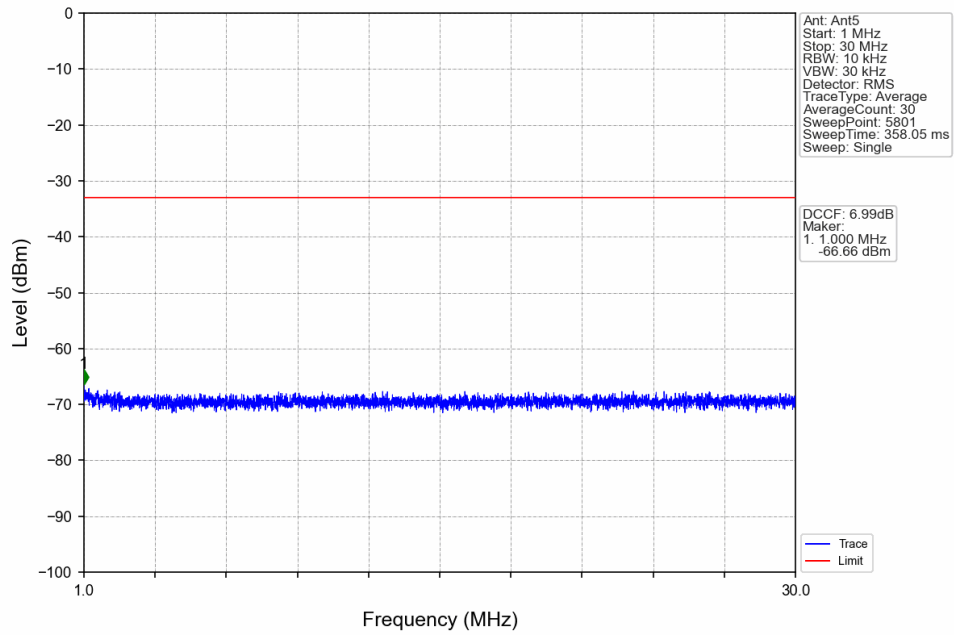


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	19.91	1	3698.724	-31.36	-13	Pass
3699	3700	0.0051	0	2	3699.928	-32.31	-13	Pass
3700	3800	0.0051	0	3	3800.000	-63.91	-13	Pass

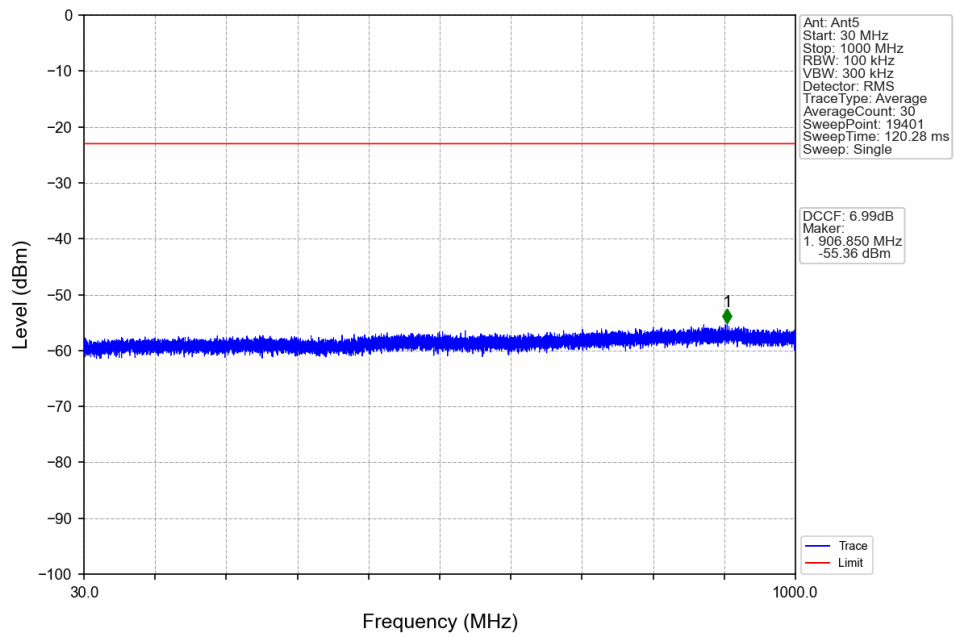
n77a\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left



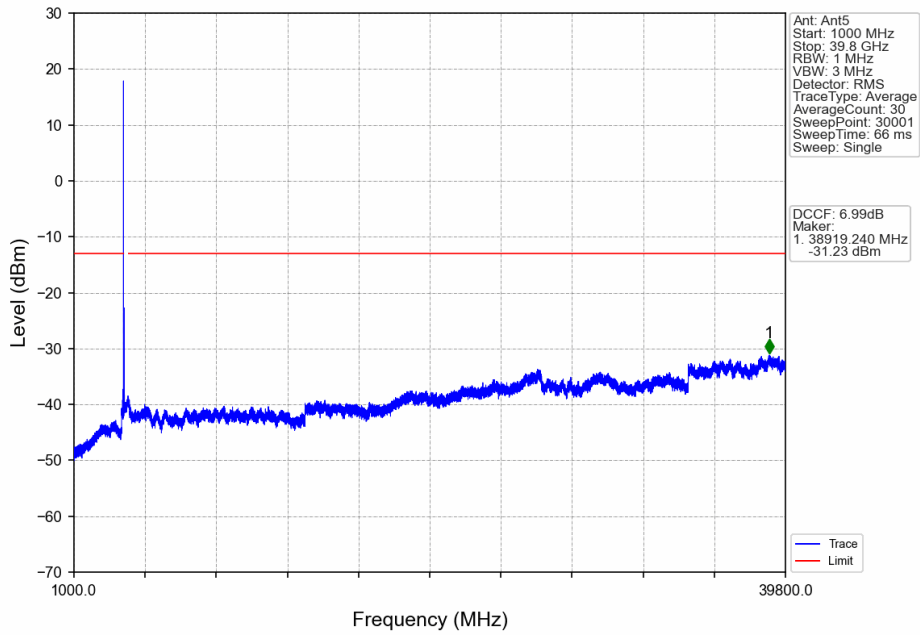
n77a\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left



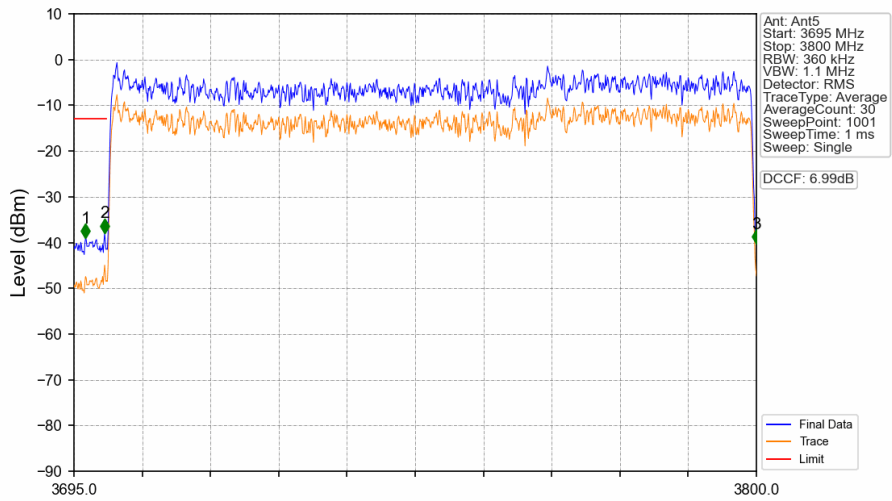
n77a\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left



n77a\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM QPSK\_3750MHz\_Edge\_1RB\_Left

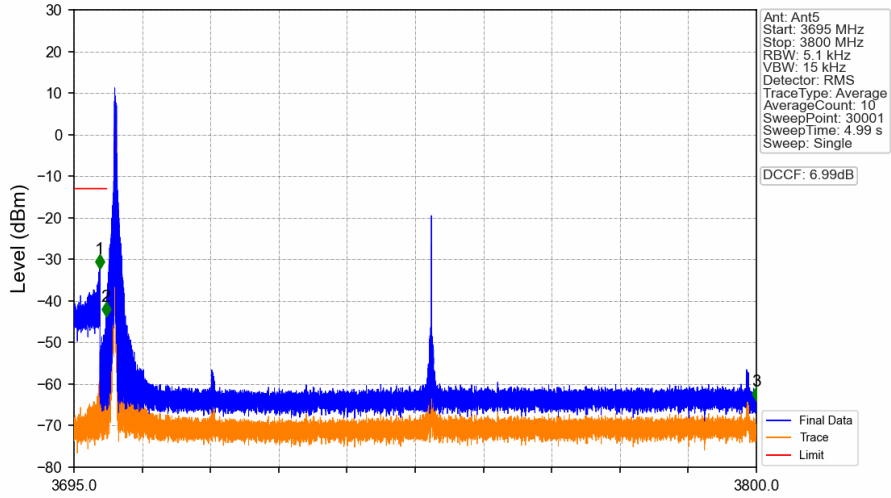


n77a\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM QPSK\_3750MHz\_Outer\_Full



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	3696.785	-39.02	-13	Pass
3699	3700	0.36	0	2	3699.725	-37.90	-13	Pass
3700	3800	0.36	0	3	3800.000	-40.30	-13	Pass

n77a\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM\_QPSK\_3750MHz\_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	3698.965	-32.30	-13	Pass
3699	3700	0.0051	0	2	3699.910	-43.72	-13	Pass
3700	3800	0.0051	0	3	3800.000	-64.03	-13	Pass

n77a\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM\_QPSK\_3840MHz\_Edge\_1RB\_Left

