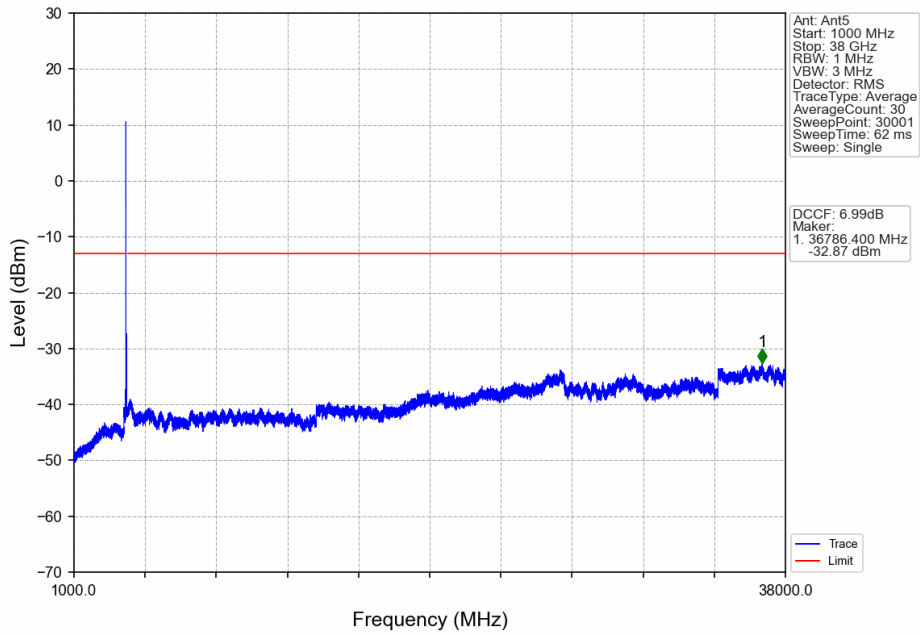
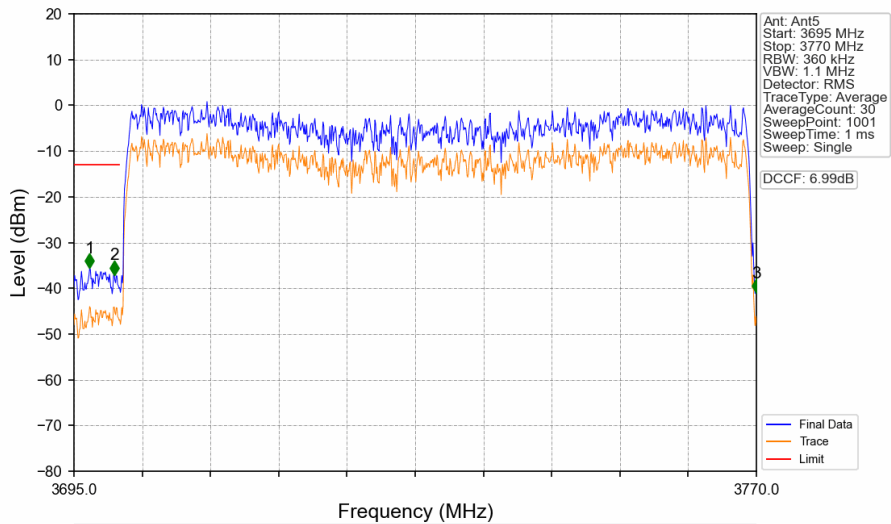


n78a\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM QPSK\_3735MHz\_Edge\_1RB\_Left

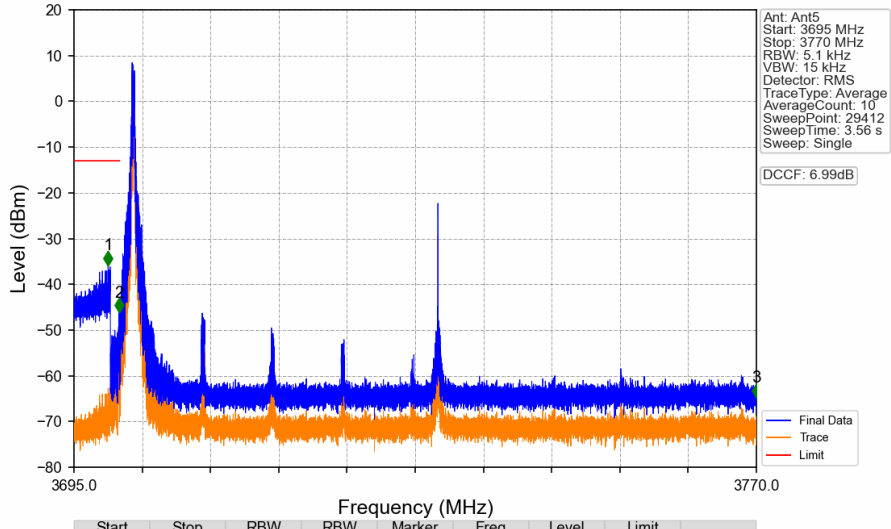


n78a\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM QPSK\_3735MHz\_Outer\_Full



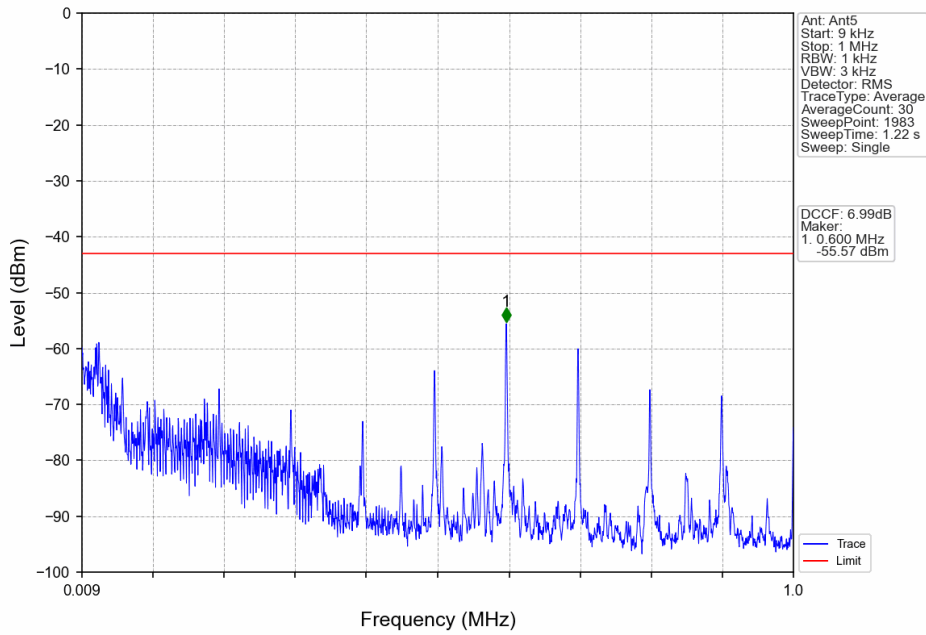
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	1.43	1	3696.725	-35.59	-13	Pass
3699	3700	0.36	0	2	3699.425	-37.08	-13	Pass
3700	3770	0.36	0	3	3770.000	-41.09	-13	Pass

n78a\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_QPSK\_3735MHz\_Inner\_1RB\_Left

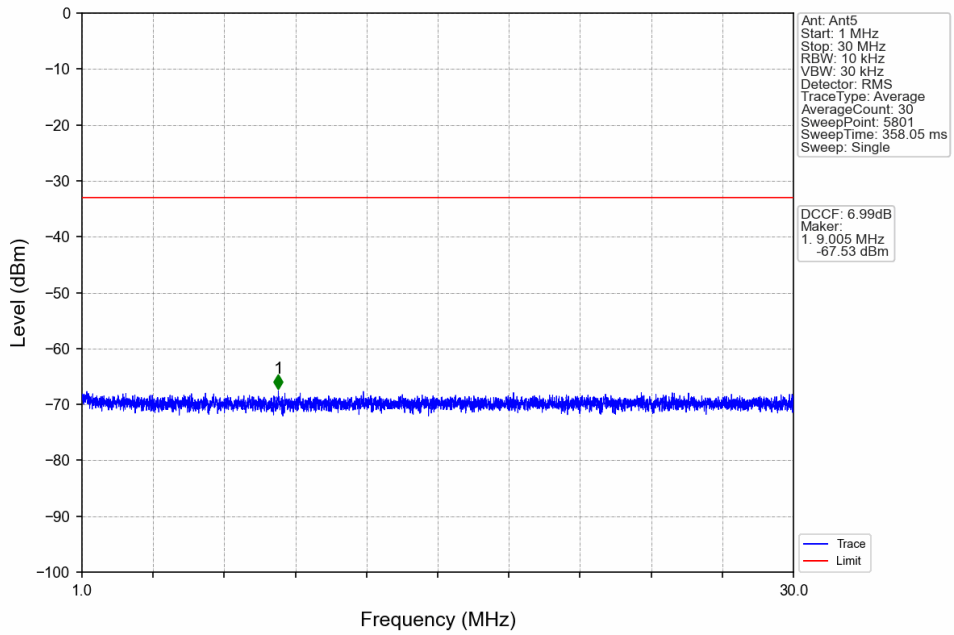


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	19.91	1	3698.754	-35.81	-13	Pass
3699	3700	0.0051	0	2	3699.973	-46.16	-13	Pass
3700	3770	0.0051	0	3	3770.000	-64.75	-13	Pass

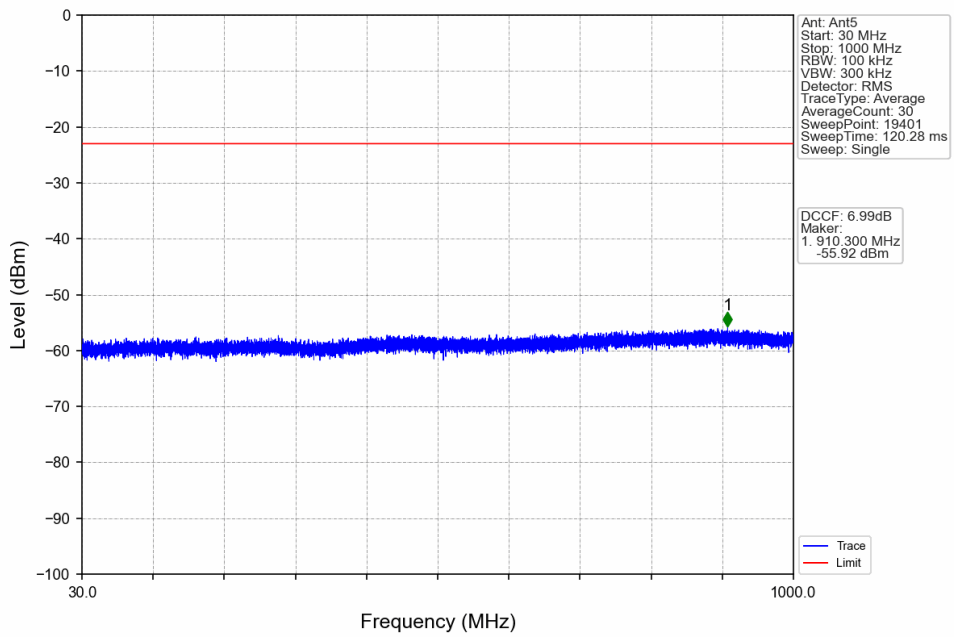
n78a\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left



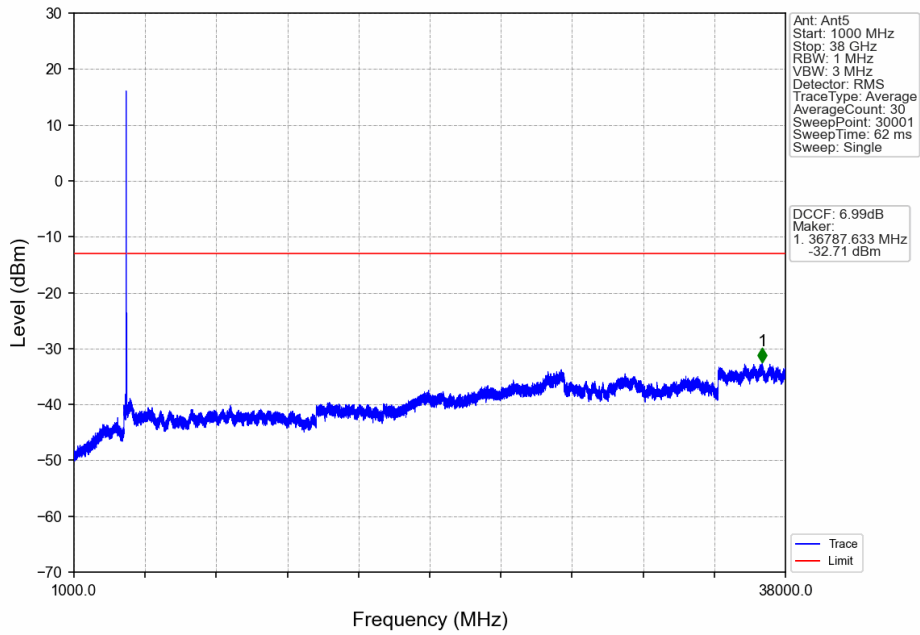
n78a\_30kHz\_SISO\_NTV\_70MHz\_CP-OFDM QPSK\_3750MHz\_Edge\_1RB\_Left



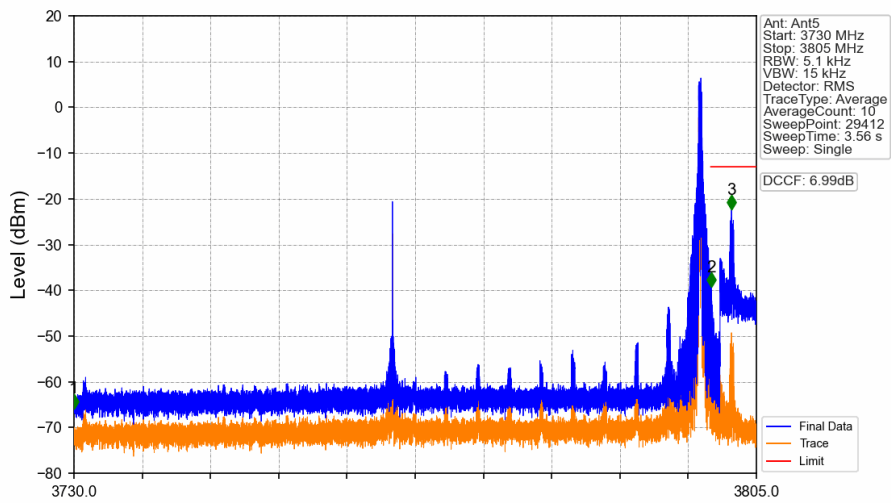
n78a\_30kHz\_SISO\_NTV\_70MHz\_CP-OFDM QPSK\_3750MHz\_Edge\_1RB\_Left



n78a\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM QPSK\_3750MHz\_Edge\_1RB\_Left

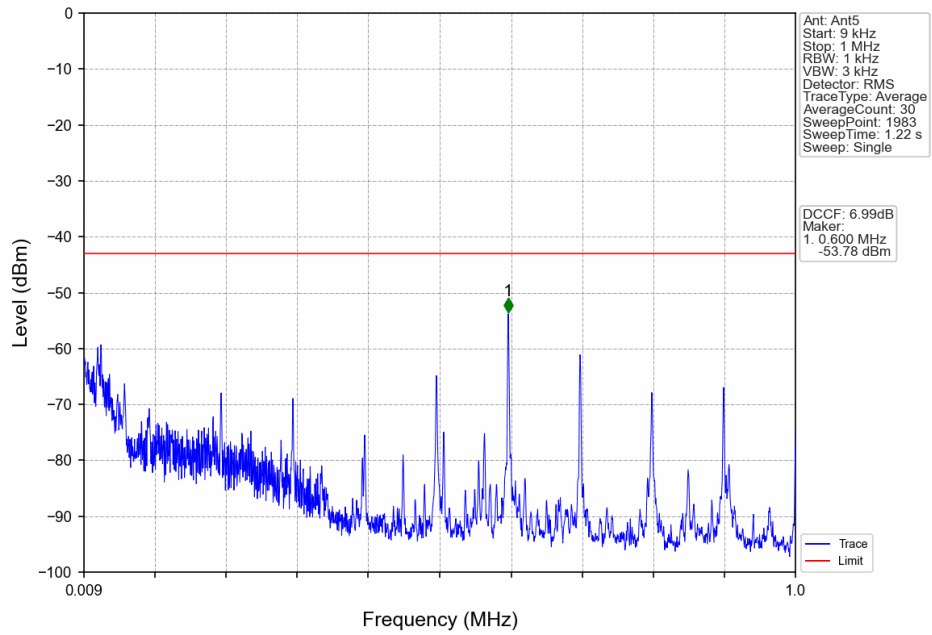


n78a\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM QPSK\_3765MHz\_Edge\_1RB\_Right

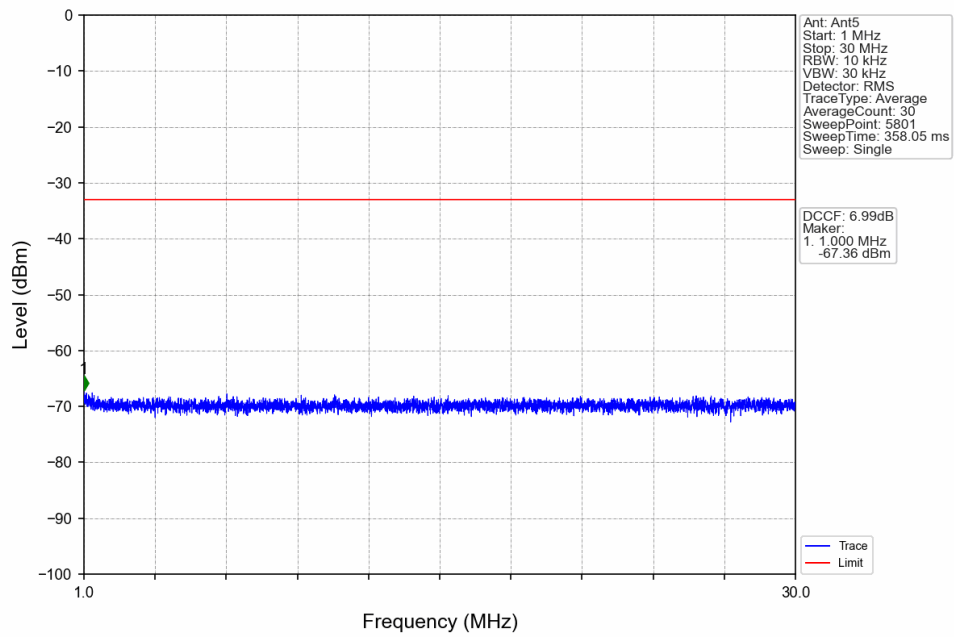


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3730	3800	0.0051	0	1	3730.000	-65.80	-13	Pass
3800	3800	0.0051	0	/	/	/	/	/
3800	3801	0.0051	0	2	3800.030	-39.23	-13	Pass
3801	3805	0.5	19.91	3	3802.264	-22.38	-13	Pass

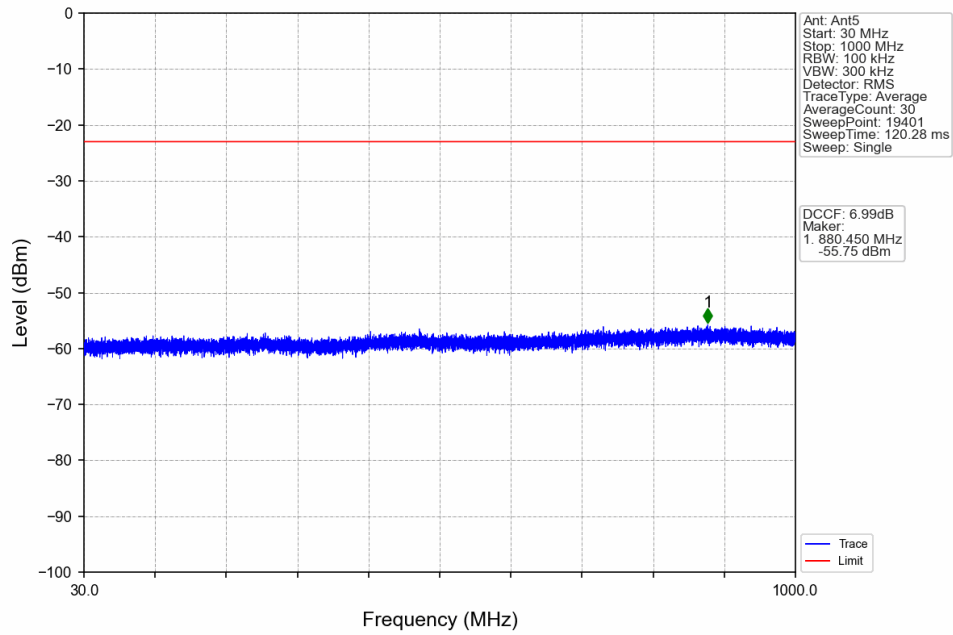
n78a\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_QPSK\_3765MHz\_Edge\_1RB\_Right



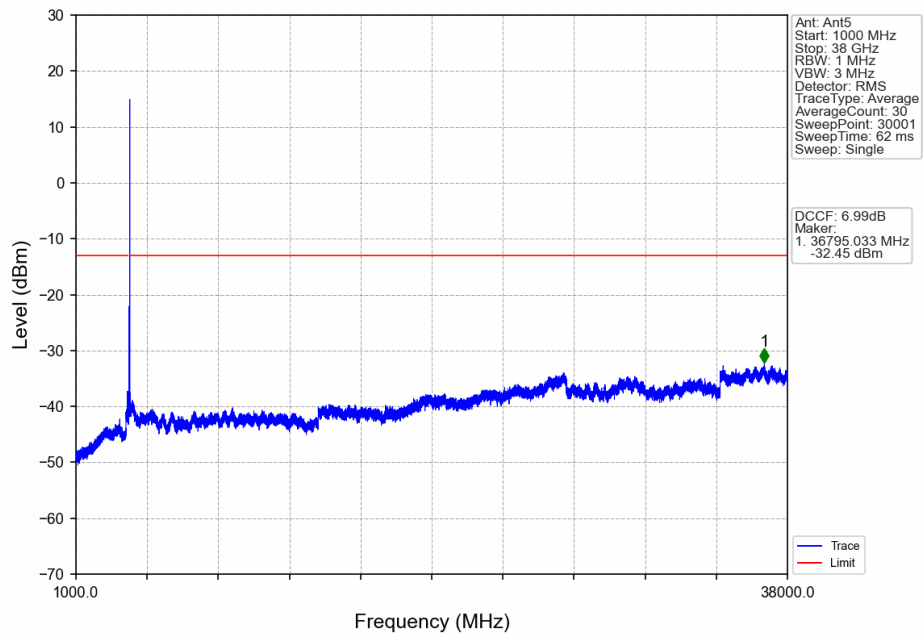
n78a\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_QPSK\_3765MHz\_Edge\_1RB\_Right



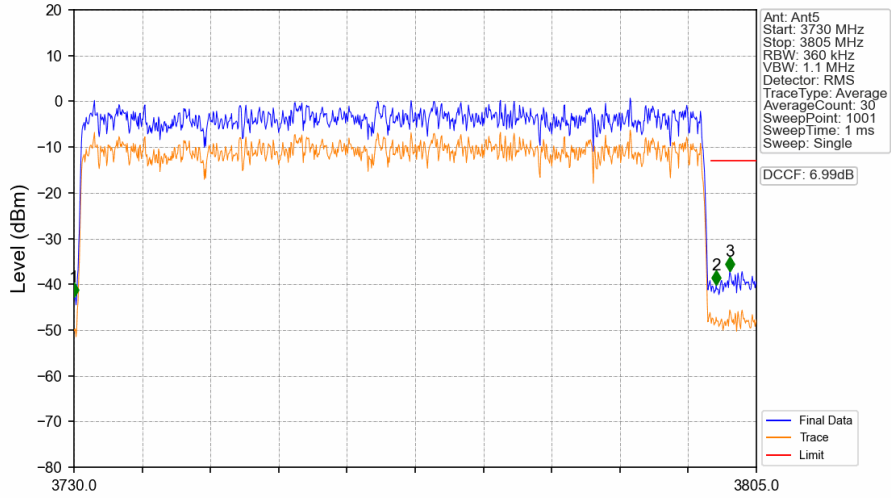
n78a\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_QPSK\_3765MHz\_Edge\_1RB\_Right



n78a\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_QPSK\_3765MHz\_Edge\_1RB\_Right

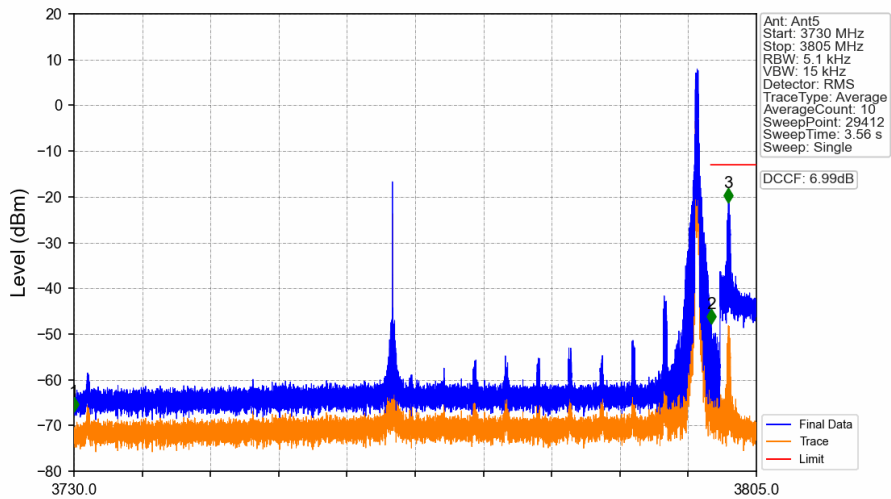


n78a\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM QPSK\_3765MHz\_Outer\_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3730	3800	0.36	0	1	3730.000	-42.86	-13	Pass
3800	3800	0.36	0	/	/	/	/	/
3800	3801	0.36	0	2	3800.575	-40.21	-13	Pass
3801	3805	0.5	1.43	3	3802.075	-37.18	-13	Pass

n78a\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM QPSK\_3765MHz\_Inner\_1RB\_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3730	3800	0.0051	0	1	3730.000	-66.94	-13	Pass
3800	3800	0.0051	0	/	/	/	/	/
3800	3801	0.0051	0	2	3800.027	-47.72	-13	Pass
3801	3805	0.5	19.91	3	3801.920	-21.27	-13	Pass

## 1.7 30k\_SISO\_80MHz\_NTNV

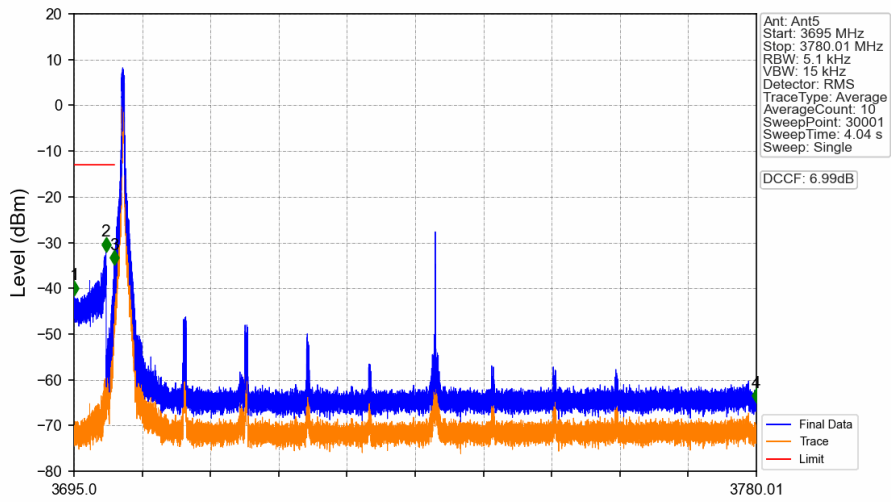
### 1.7.1 Test Result

5G NR n78a SCS=30kHz SISO 80MHz NTN						
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
	3750	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
3759.99	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
	3750	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
3759.99	Inner_1RB_Right	Refer To Test Graph			Pass	
	Inner_1RB_Right	Refer To Test Graph			Pass	



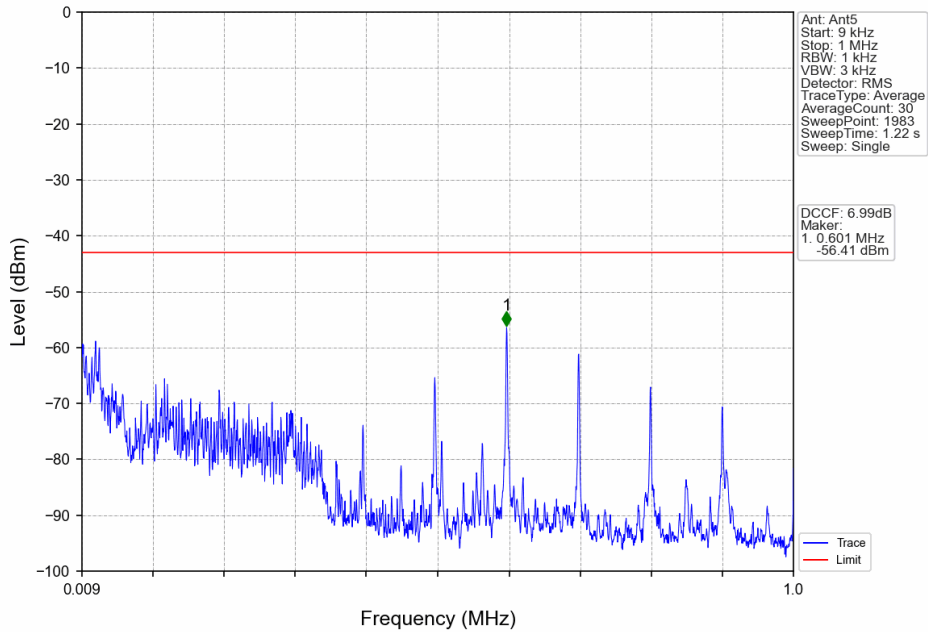
### 1.7.2 Test Graph

n78a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM QPSK\_3740.01MHz\_Edge\_1RB\_Left

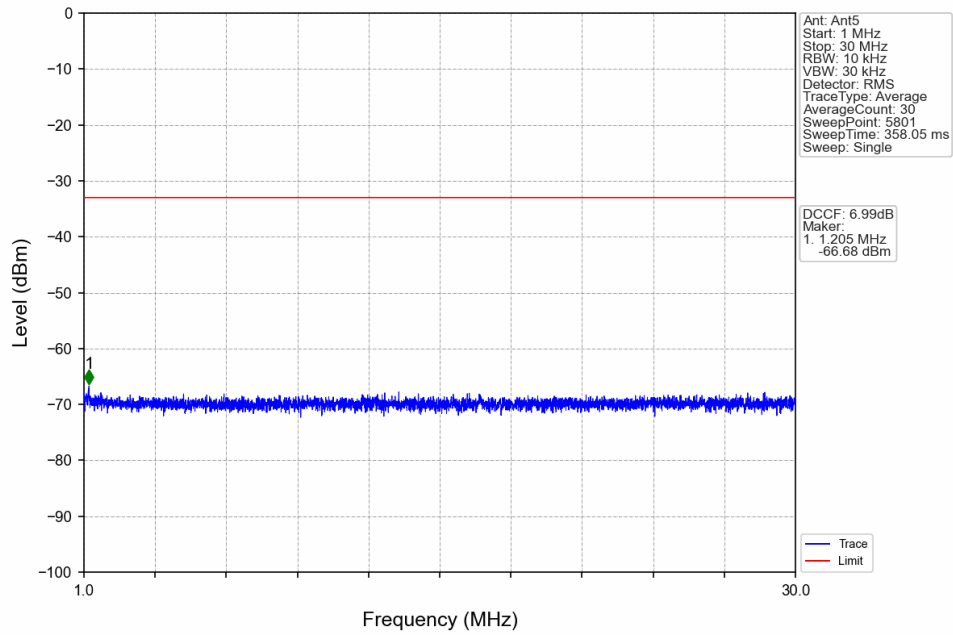


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	22.92	1	3695.009	-41.47	-13	Pass
3695.01	3699.01	0.5	19.91	2	3698.978	-31.94	-13	Pass
3699.01	3700.01	0.0051	0	3	3699.979	-34.93	-13	Pass
3700.01	3780.01	0.0051	0	4	3780.010	-65.00	-13	Pass

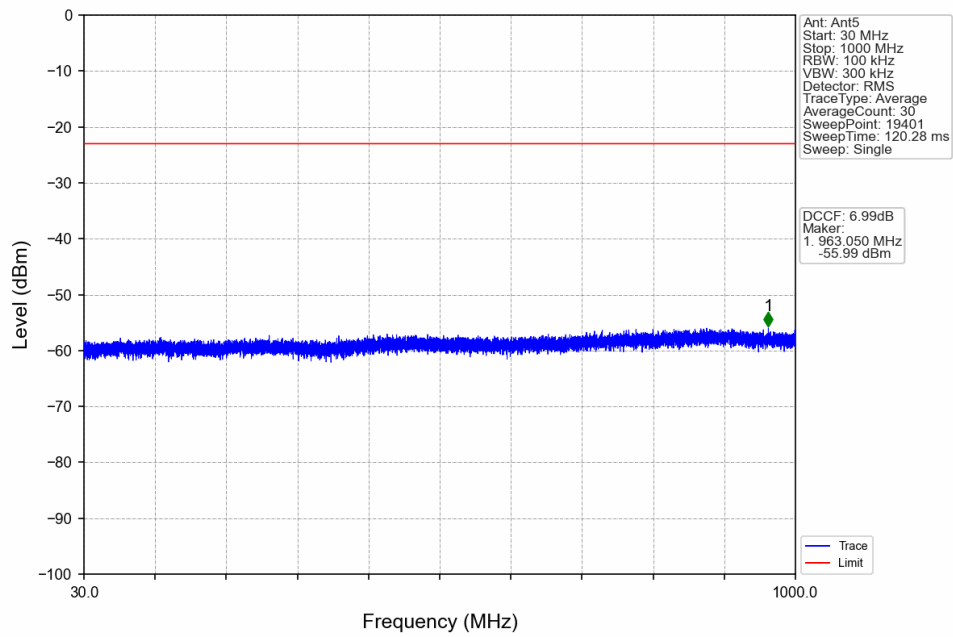
n78a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM QPSK\_3740.01MHz\_Edge\_1RB\_Left



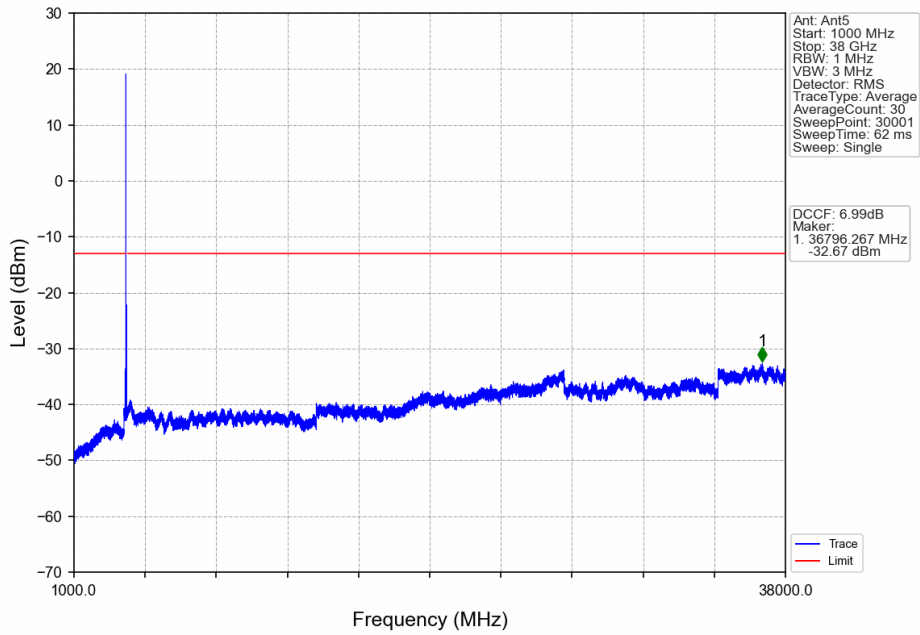
n78a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3740.01MHz\_Edge\_1RB\_Left



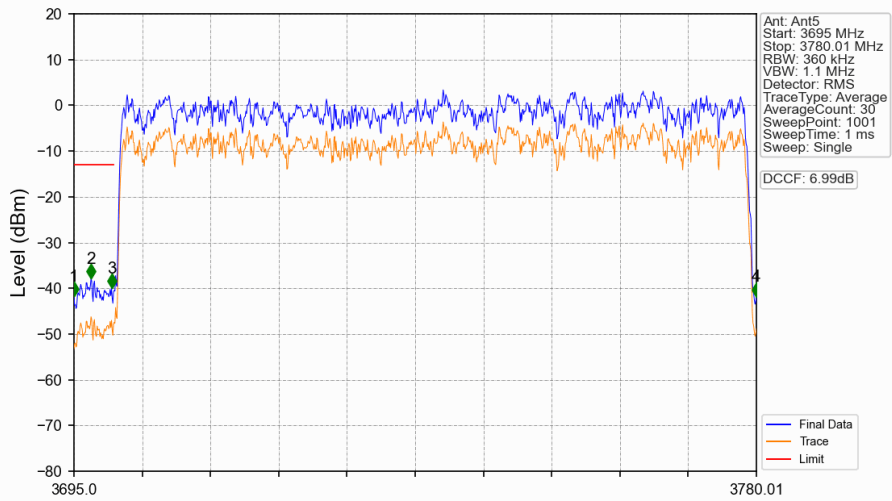
n78a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3740.01MHz\_Edge\_1RB\_Left



n78a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3740.01MHz\_Edge\_1RB\_Left

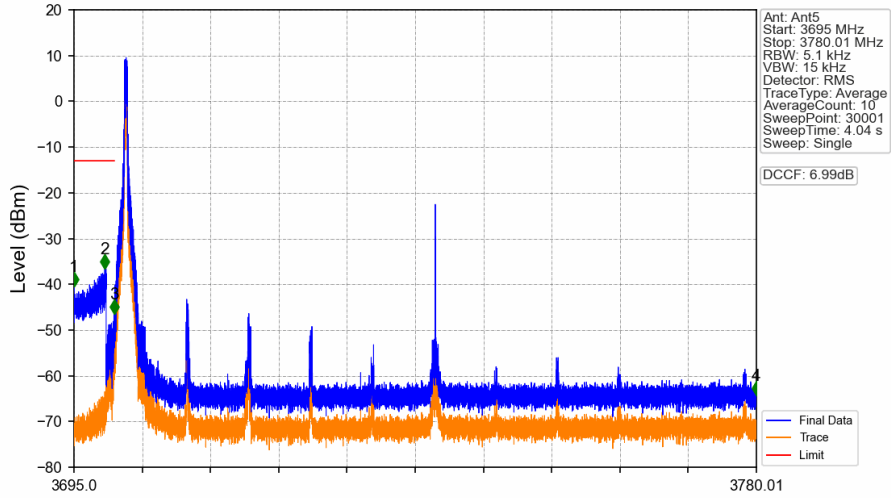


n78a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3740.01MHz\_Outer\_Full



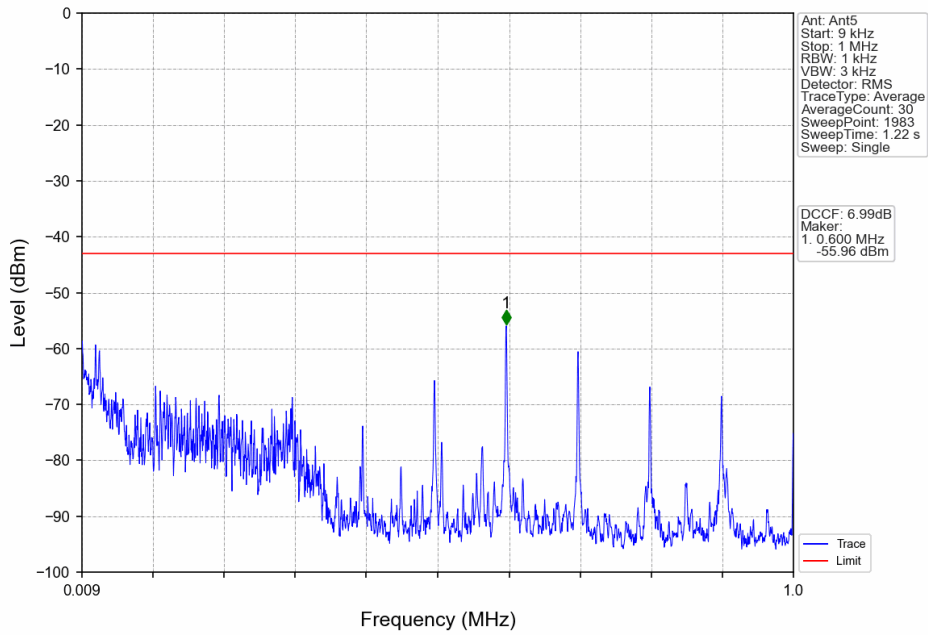
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	4.44	1	3695.000	-41.79	-13	Pass
3695.01	3699.01	0.5	1.43	2	3697.125	-37.83	-13	Pass
3699.01	3700.01	0.36	0	3	3699.676	-40.03	-13	Pass
3700.01	3780.01	0.36	0	4	3780.010	-41.84	-13	Pass

n78a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3740.01MHz\_Inner\_1RB\_Left

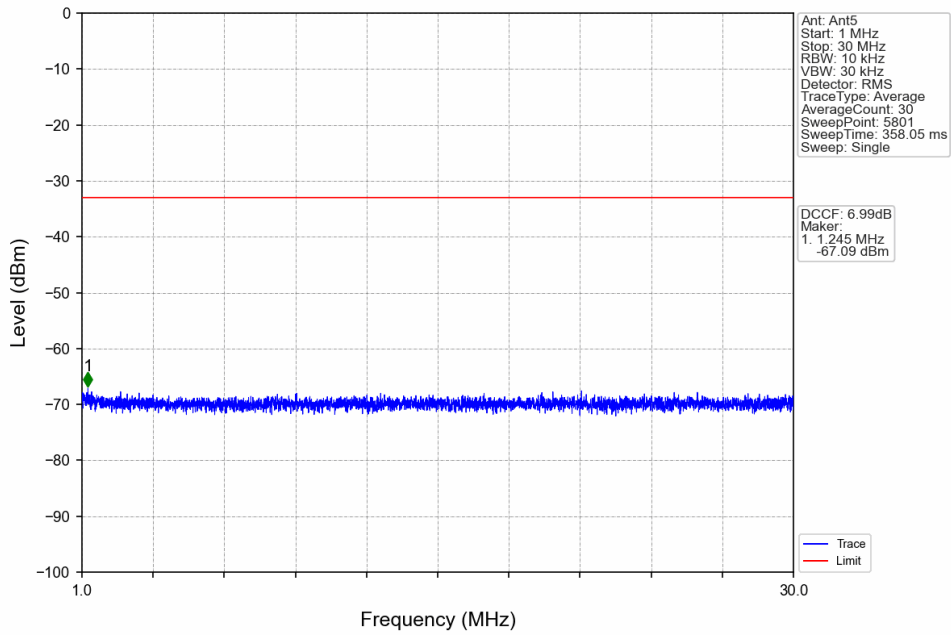


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	22.92	1	3695.003	-40.47	-13	Pass
3695.01	3699.01	0.5	19.91	2	3698.837	-36.56	-13	Pass
3699.01	3700.01	0.0051	0	3	3700.004	-46.53	-13	Pass
3700.01	3780.01	0.0051	0	4	3780.010	-64.36	-13	Pass

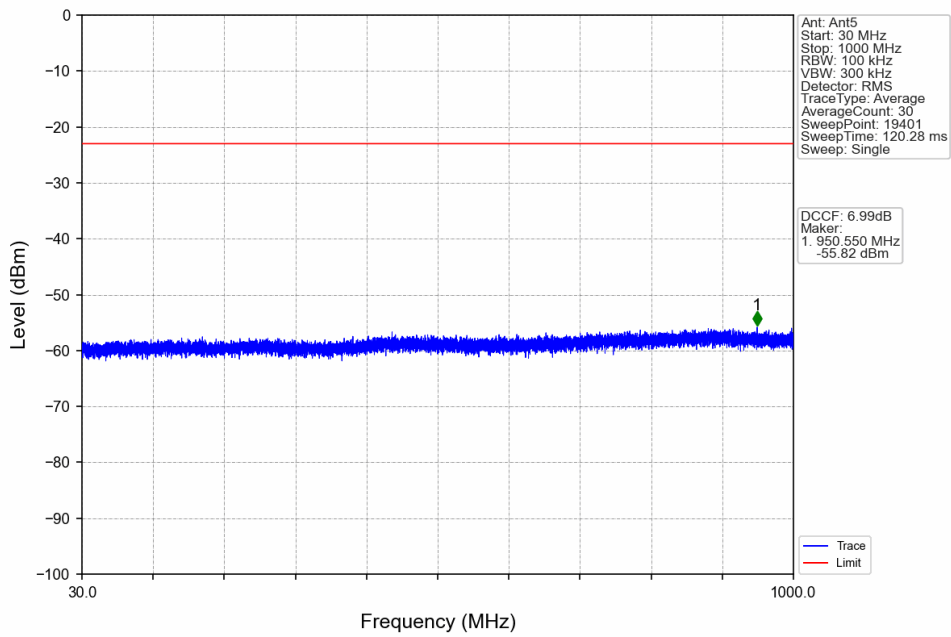
n78a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left



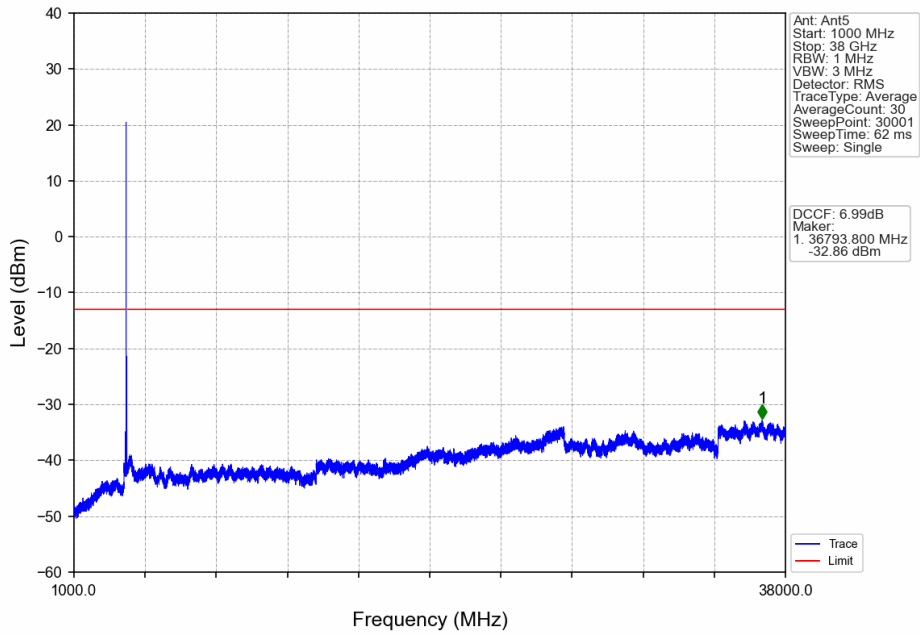
n78a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left



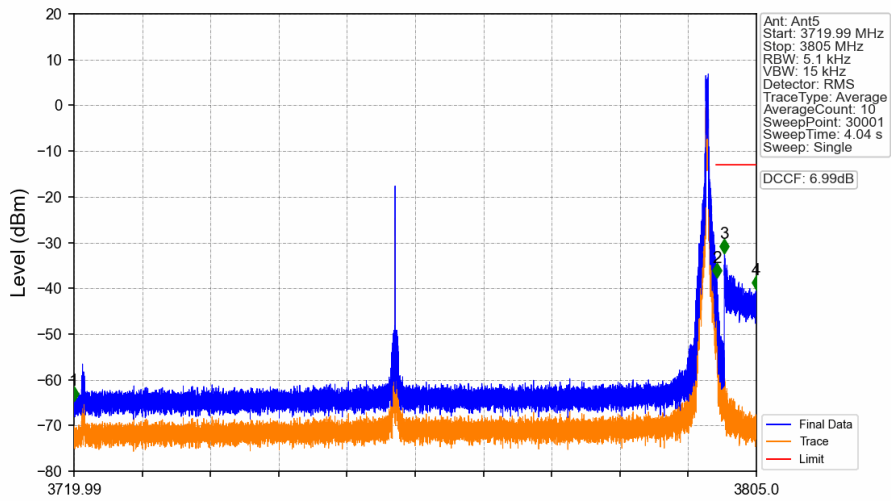
n78a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left



n78a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left

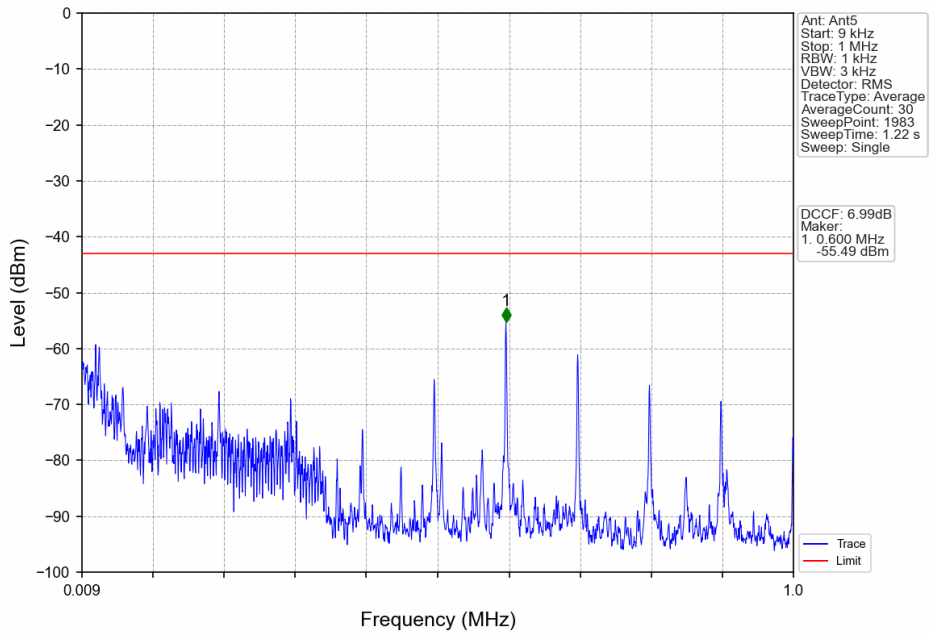


n78a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3759.99MHz\_Edge\_1RB\_Right

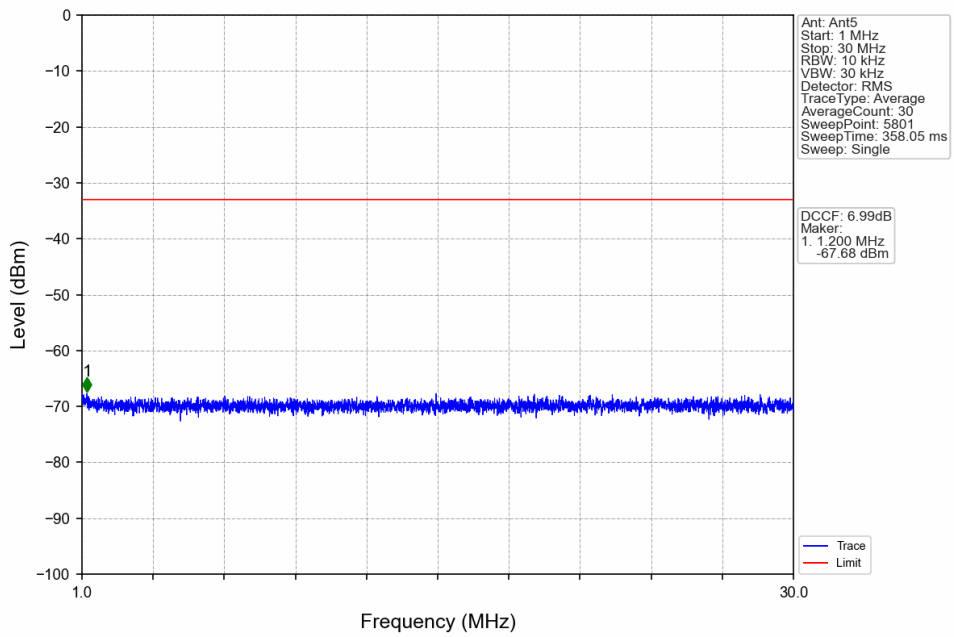


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3719.99	3799.99	0.0051	0	1	3719.990	-64.57	-13	Pass
3799.99	3799.99	0.0051	0	/	/	/	/	/
3799.99	3800.99	0.0051	0	2	3800.061	-37.62	-13	Pass
3800.99	3804.99	0.5	19.91	3	3801.019	-32.37	-13	Pass
3804.99	3805	1	22.92	4	3804.991	-40.33	-13	Pass

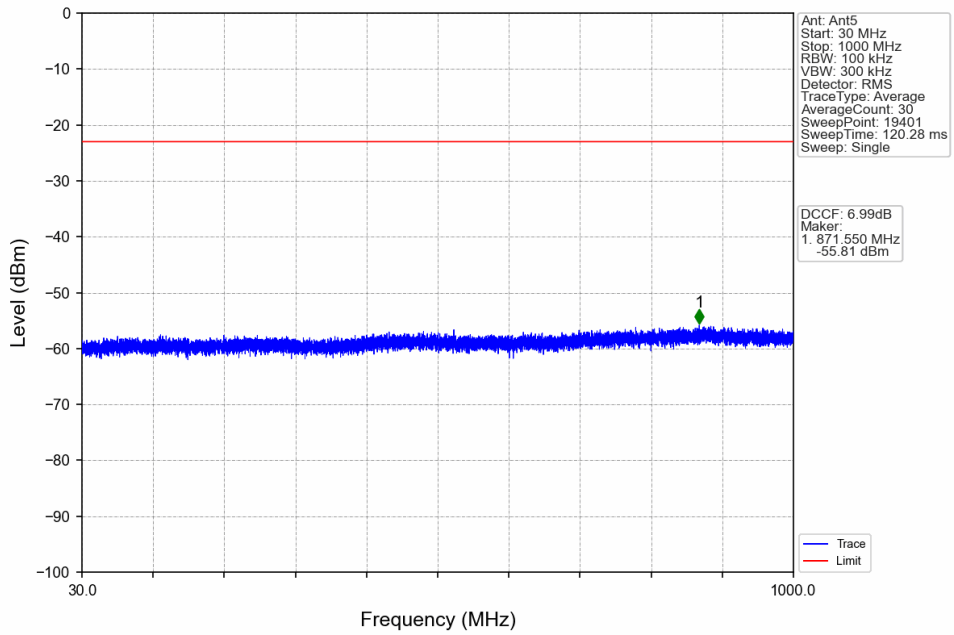
n78a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3759.99MHz\_Edge\_1RB\_Right



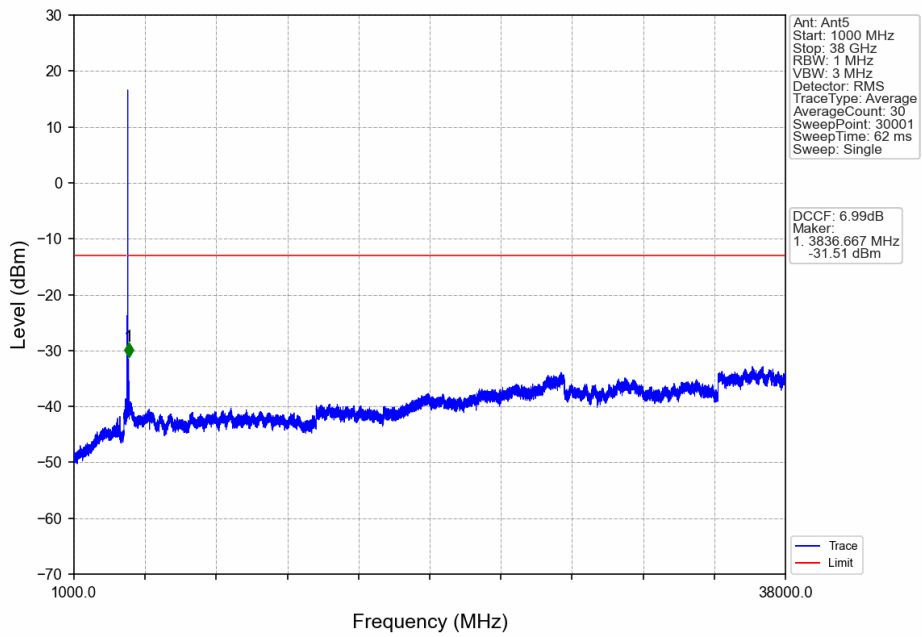
n78a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3759.99MHz\_Edge\_1RB\_Right



n78a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3759.99MHz\_Edge\_1RB\_Right

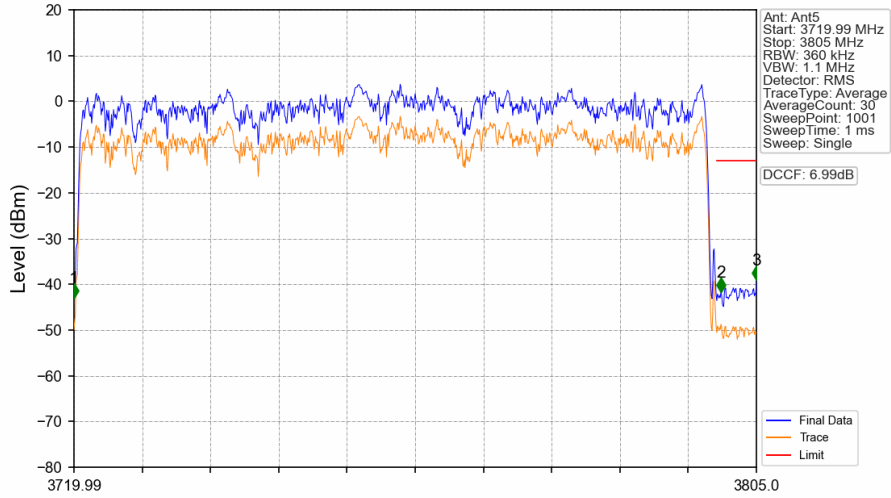


n78a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3759.99MHz\_Edge\_1RB\_Right



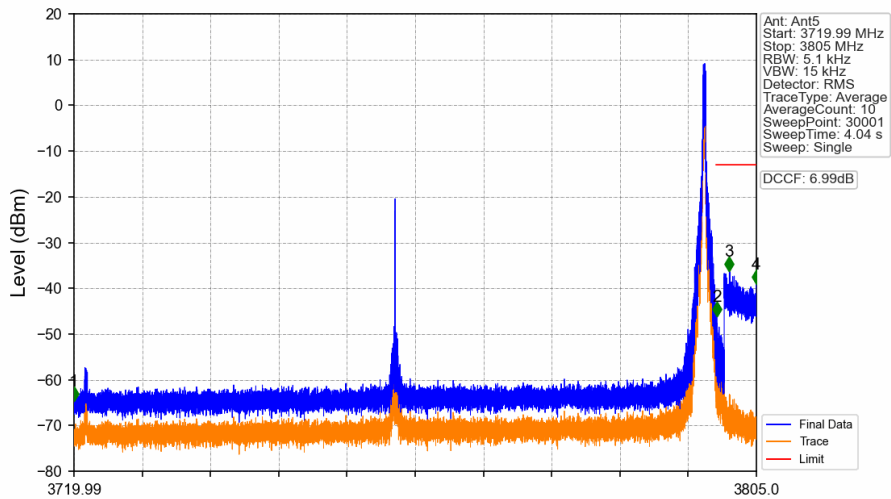


n78a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3759.99MHz\_Outer\_Full



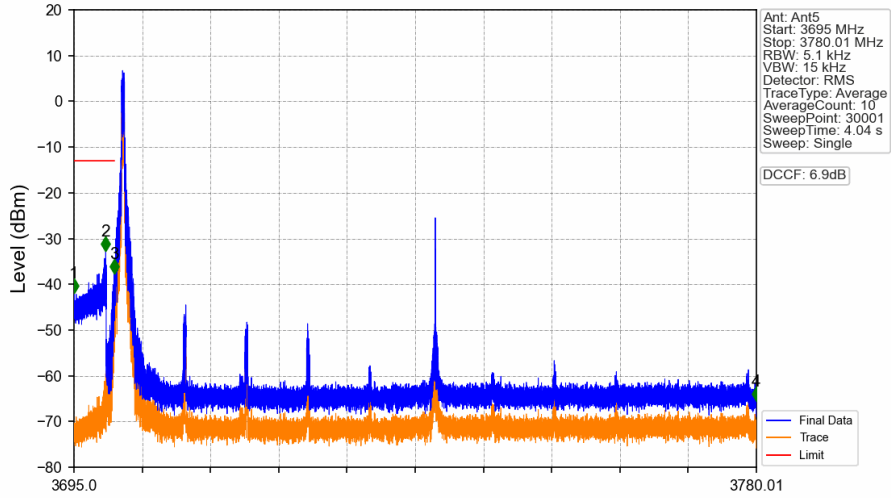
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3719.99	3799.99	0.36	0	1	3719.990	-42.95	-13	Pass
3799.99	3799.99	0.36	0	/	/	/	/	/
3799.99	3800.99	0.36	0	2	3800.579	-41.75	-13	Pass
3800.99	3804.99	0.5	1.43	3	3805.000	-39.06	-13	Pass

n78a\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3759.99MHz\_Inner\_1RB\_Right



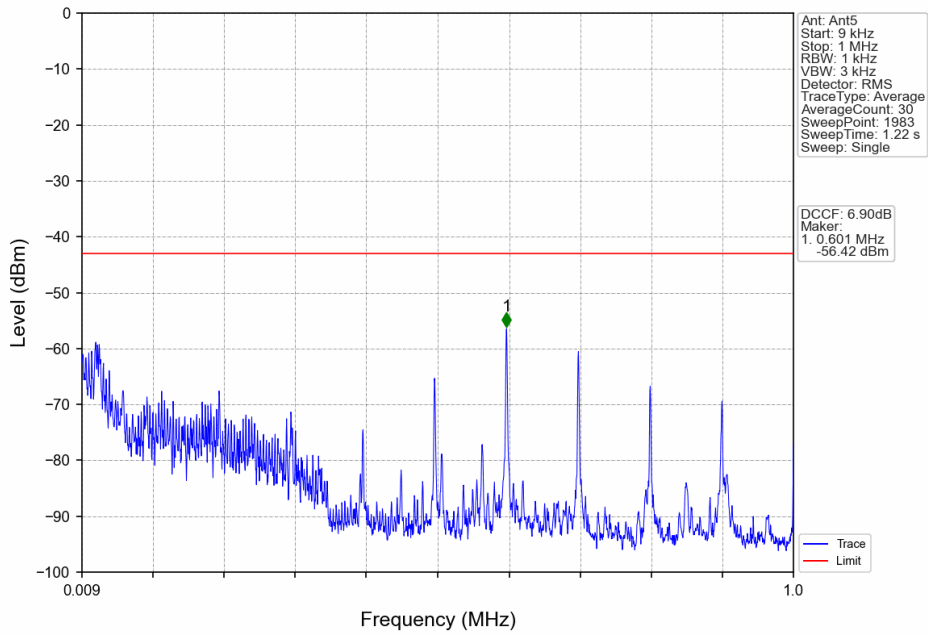
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3719.99	3799.99	0.0051	0	1	3719.990	-64.67	-13	Pass
3799.99	3799.99	0.0051	0	/	/	/	/	/
3799.99	3800.99	0.0051	0	2	3800.064	-46.09	-13	Pass
3800.99	3804.99	0.5	19.91	3	3801.628	-36.24	-13	Pass
3804.99	3805	1	22.92	4	3804.991	-39.03	-13	Pass

n78a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3740.01MHz\_Edge\_1RB\_Left

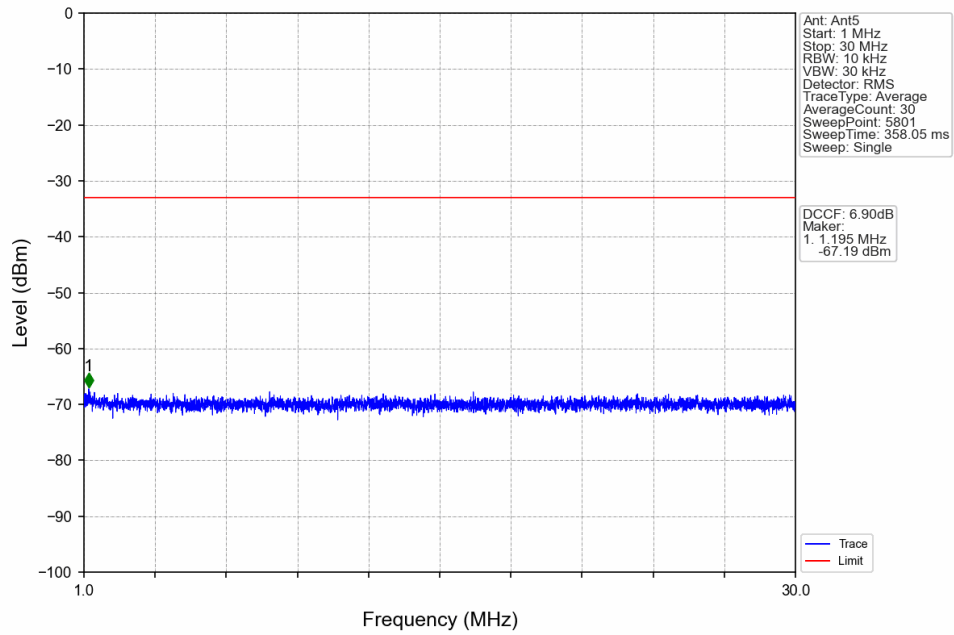


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	22.92	1	3695.006	-41.95	-13	Pass
3695.01	3699.01	0.5	19.91	2	3698.956	-32.75	-13	Pass
3699.01	3700.01	0.0051	0	3	3700.010	-37.62	-13	Pass
3700.01	3780.01	0.0051	0	4	3780.010	-65.57	-13	Pass

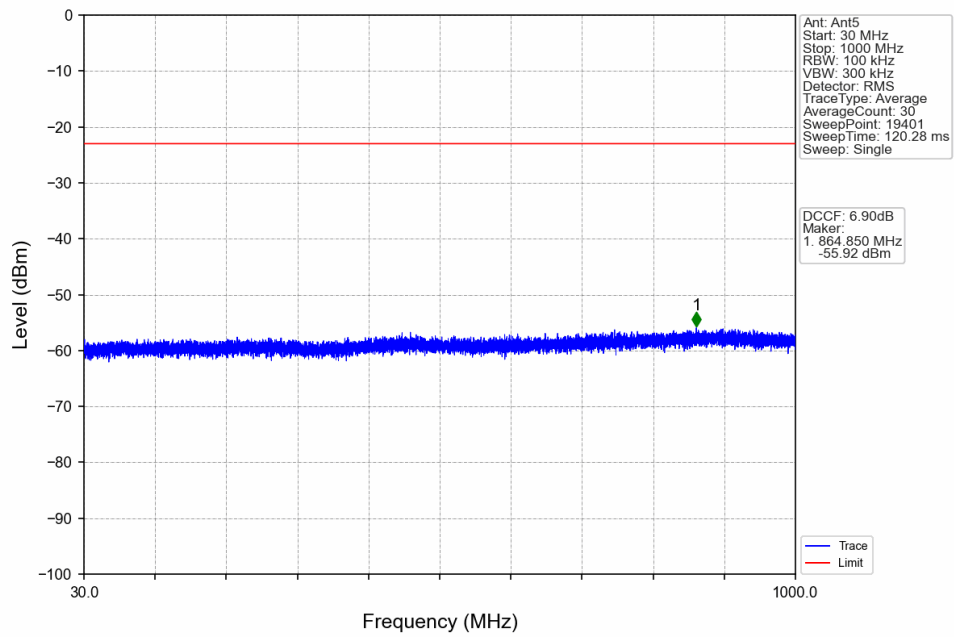
n78a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3740.01MHz\_Edge\_1RB\_Left



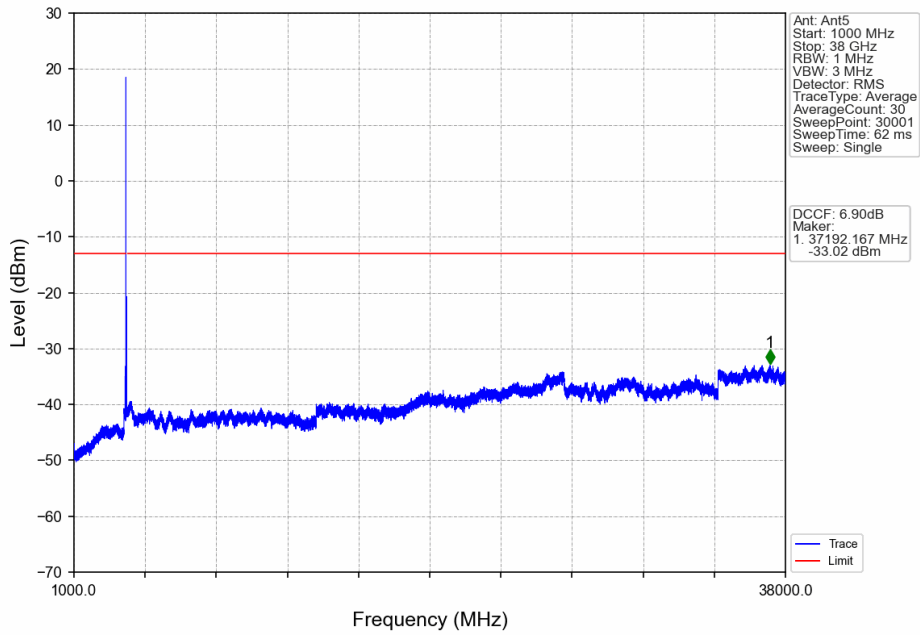
n78a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3740.01MHz\_Edge\_1RB\_Left



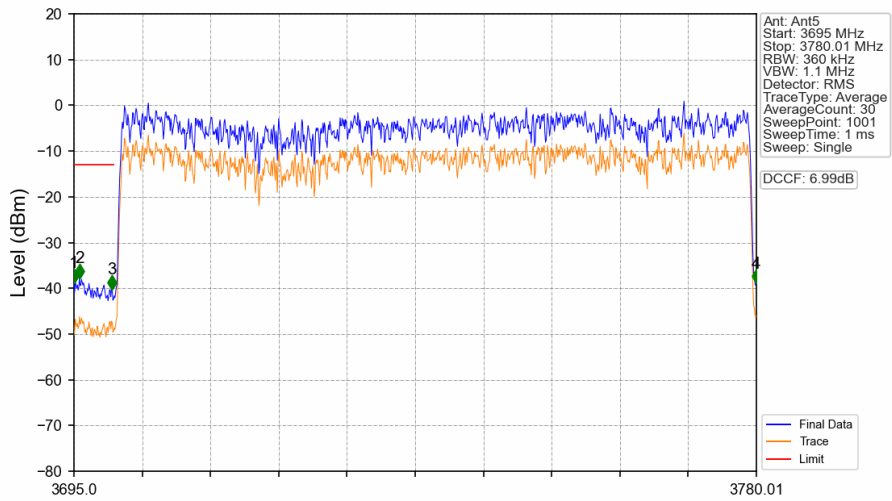
n78a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3740.01MHz\_Edge\_1RB\_Left



n78a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3740.01MHz\_Edge\_1RB\_Left

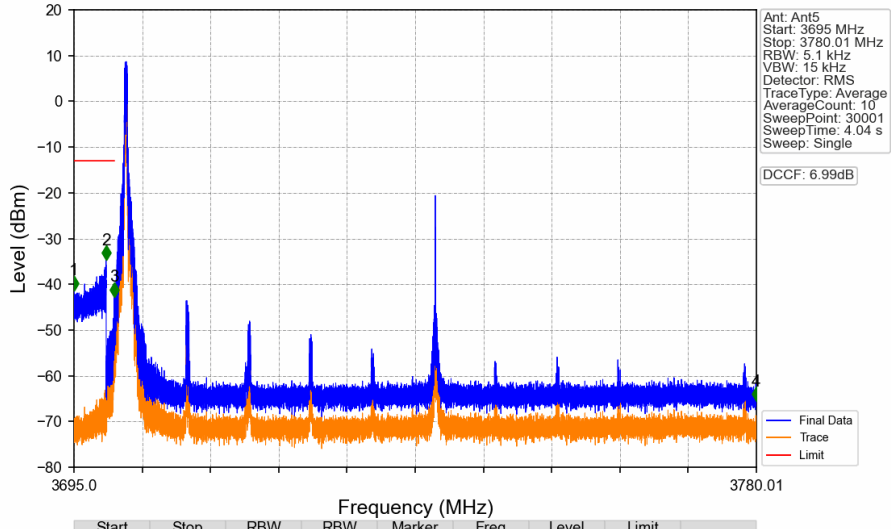


n78a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3740.01MHz\_Outer\_Full



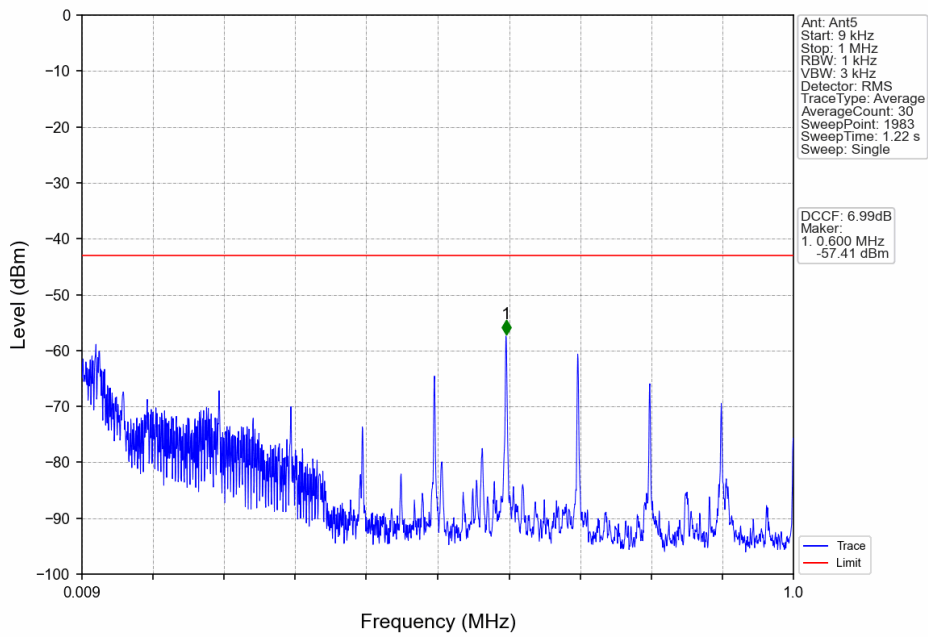
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	4.44	1	3695.000	-38.83	-13	Pass
3695.01	3699.01	0.5	1.43	2	3695.680	-37.77	-13	Pass
3699.01	3700.01	0.36	0	3	3699.676	-40.22	-13	Pass
3700.01	3780.01	0.36	0	4	3780.010	-38.86	-13	Pass

n78a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3740.01MHz\_Inner\_1RB\_Left

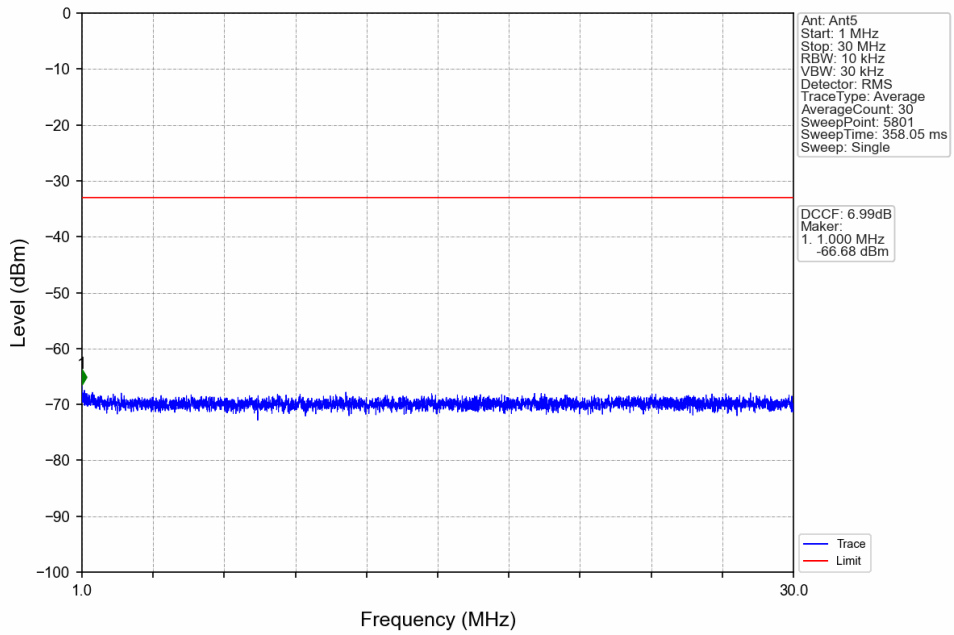


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.01	1	22.92	1	3695.006	-41.31	-13	Pass
3695.01	3699.01	0.5	19.91	2	3698.993	-34.74	-13	Pass
3699.01	3700.01	0.0051	0	3	3700.007	-42.72	-13	Pass
3700.01	3780.01	0.0051	0	4	3780.010	-65.58	-13	Pass

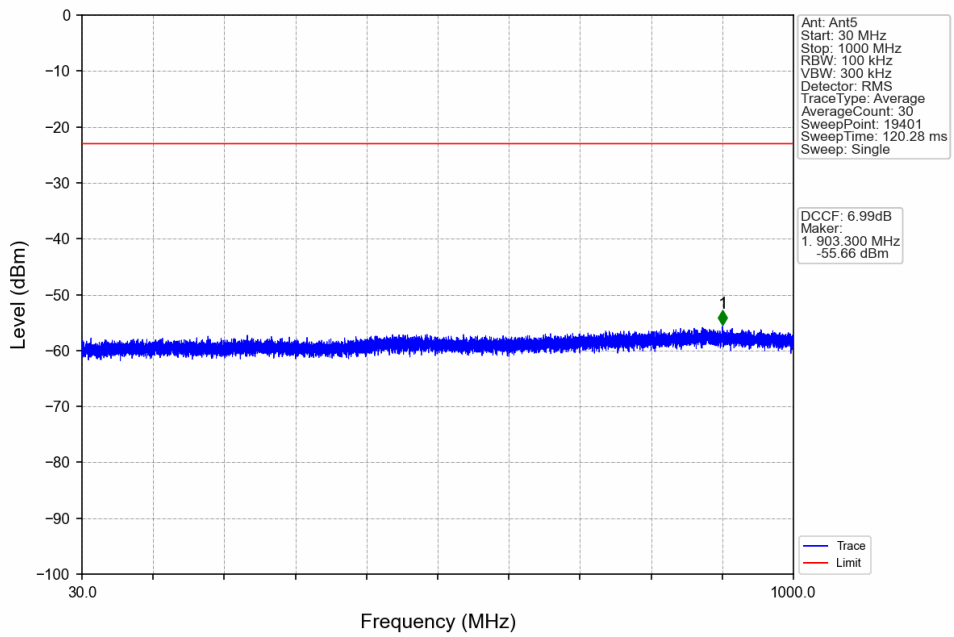
n78a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left



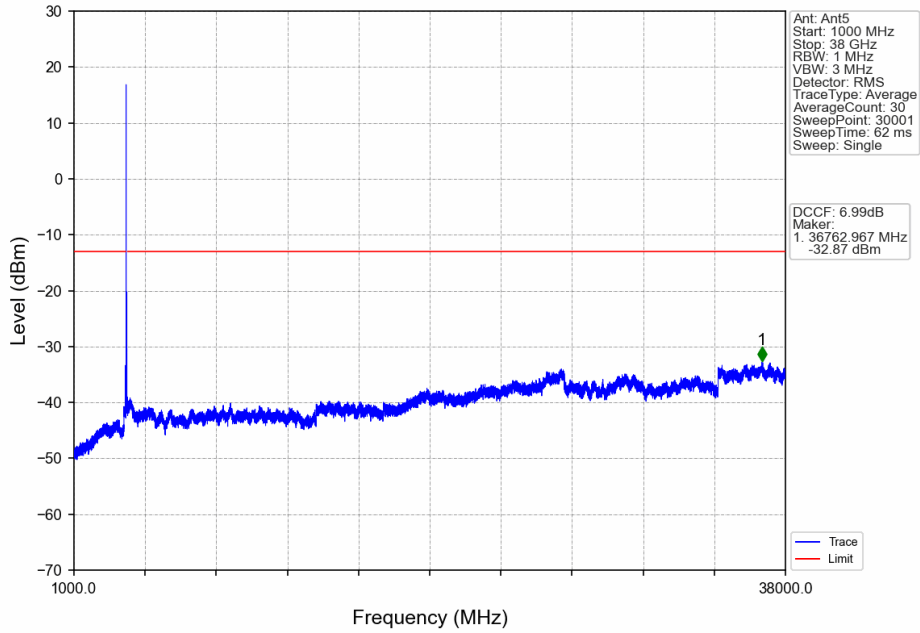
n78a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM QPSK\_3750MHz\_Edge\_1RB\_Left



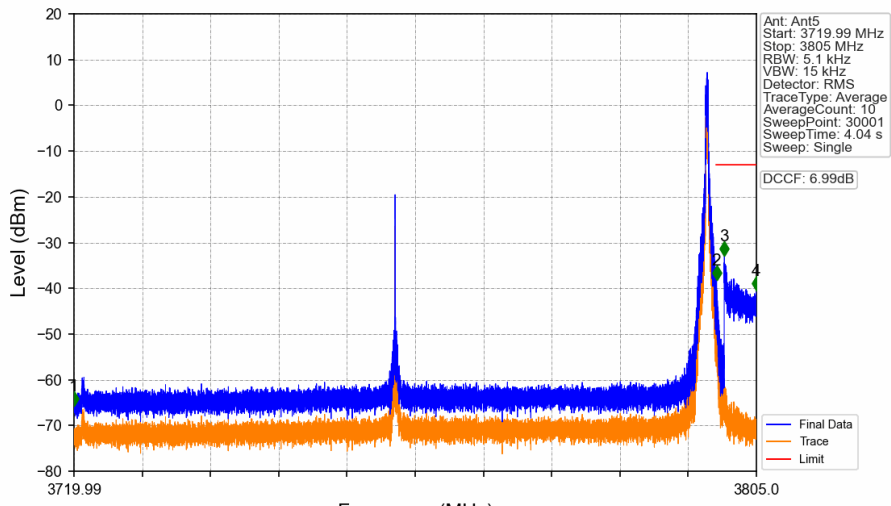
n78a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM QPSK\_3750MHz\_Edge\_1RB\_Left



n78a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left

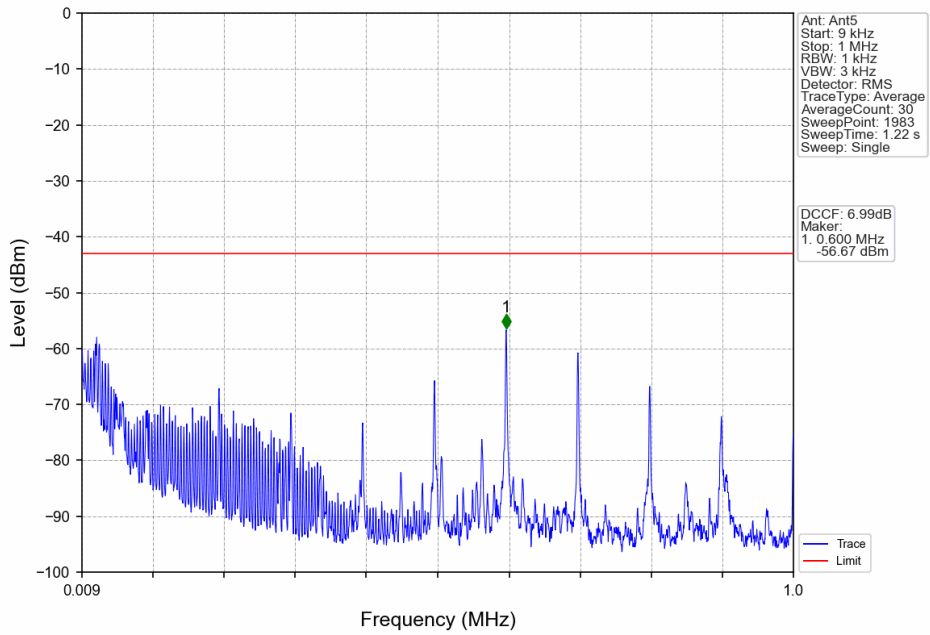


n78a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3759.99MHz\_Edge\_1RB\_Right

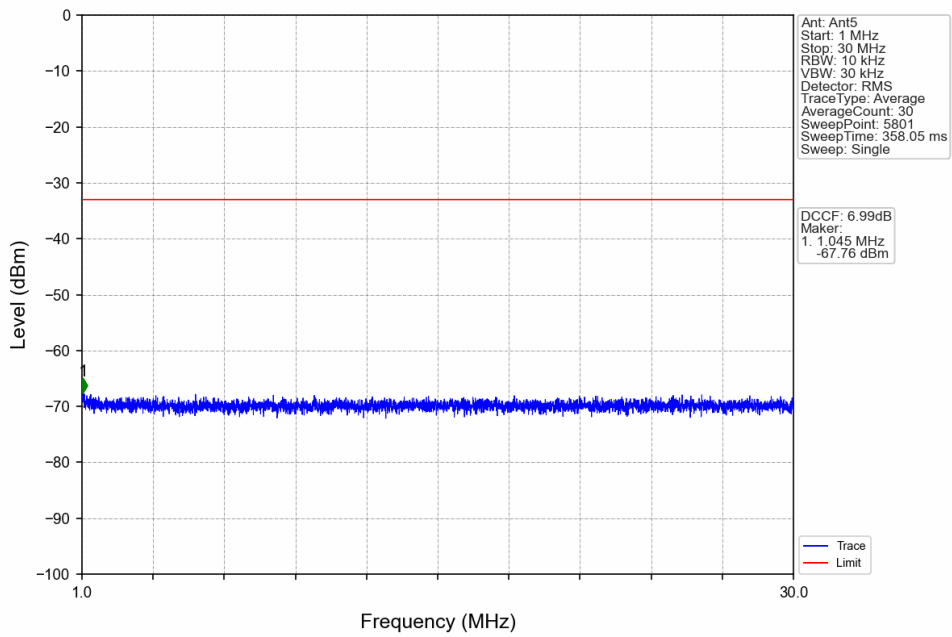


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3719.99	3799.99	0.0051	0	1	3719.990	-65.67	-13	Pass
3799.99	3799.99	0.0051	0	/	/	/	/	/
3799.99	3800.99	0.0051	0	2	3800.038	-38.22	-13	Pass
3800.99	3804.99	0.5	19.91	3	3801.010	-32.90	-13	Pass
3804.99	3805	1	22.92	4	3805.000	-40.55	-13	Pass

n78a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3759.99MHz\_Edge\_1RB\_Right

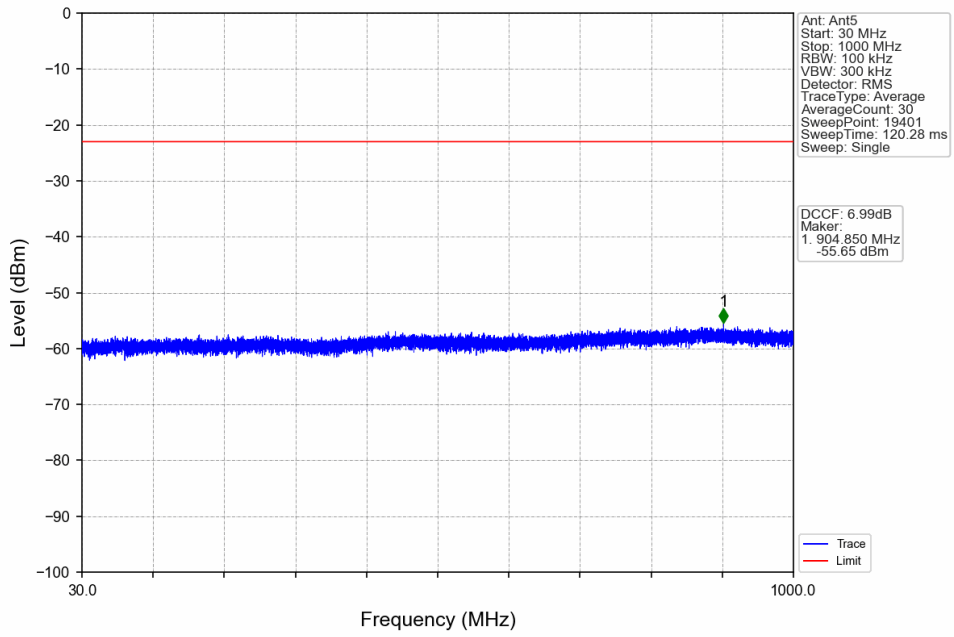


n78a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3759.99MHz\_Edge\_1RB\_Right

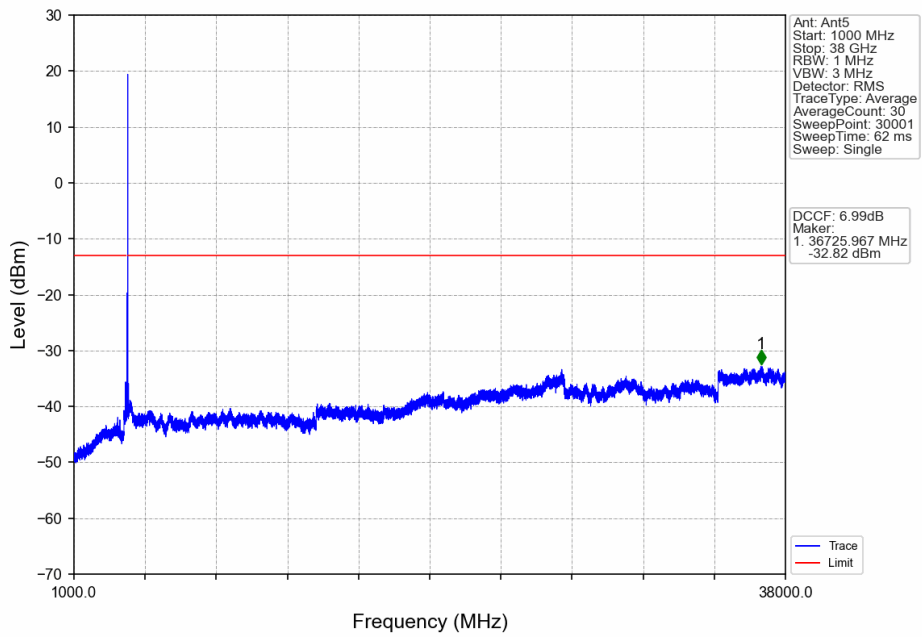




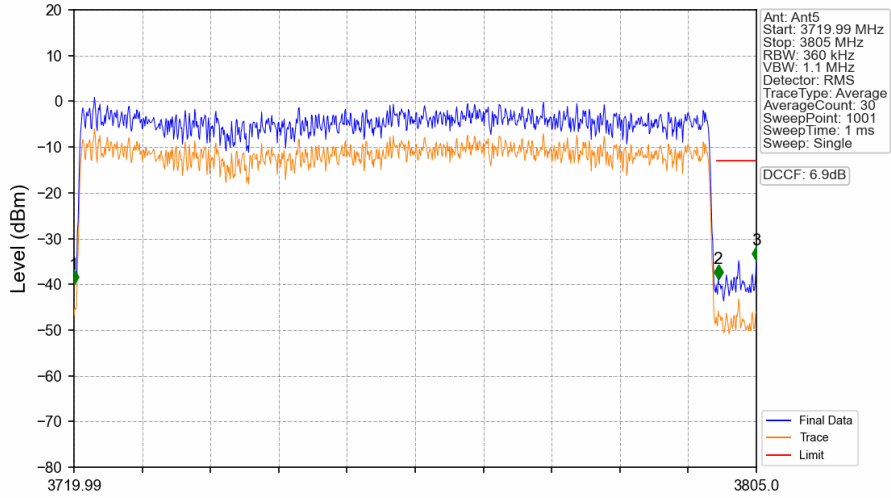
n78a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3759.99MHz\_Edge\_1RB\_Right



n78a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3759.99MHz\_Edge\_1RB\_Right

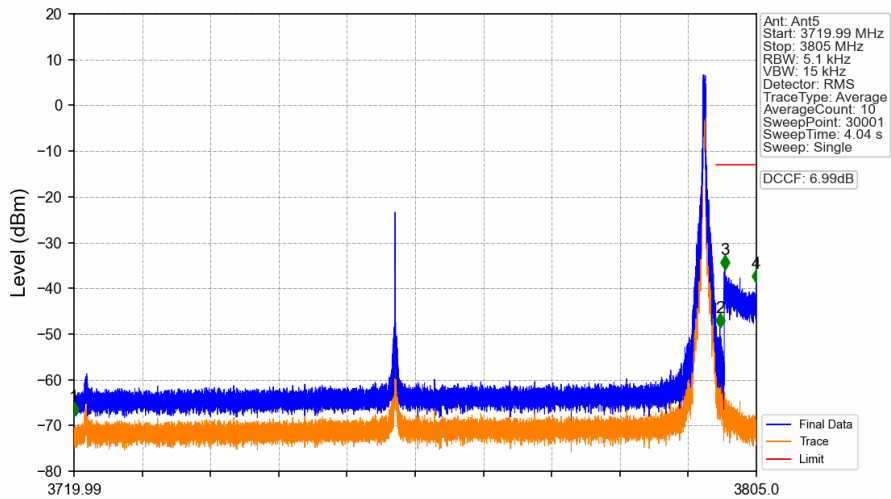


n78a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM QPSK\_3759.99MHz\_Outer\_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3719.99	3799.99	0.36	0	1	3719.990	-40.01	-13	Pass
3799.99	3799.99	0.36	0	/	/	/	/	/
3799.99	3800.99	0.36	0	2	3800.239	-38.84	-13	Pass
3800.99	3804.99	0.5	1.43	3	3805.000	-34.76	-13	Pass

n78a\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM QPSK\_3759.99MHz\_Inner\_1RB\_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3719.99	3799.99	0.0051	0	1	3719.990	-68.08	-13	Pass
3799.99	3799.99	0.0051	0	/	/	/	/	/
3799.99	3800.99	0.0051	0	2	3800.455	-48.57	-13	Pass
3800.99	3804.99	0.5	19.91	3	3801.064	-35.85	-13	Pass
3804.99	3805	1	22.92	4	3804.991	-38.85	-13	Pass

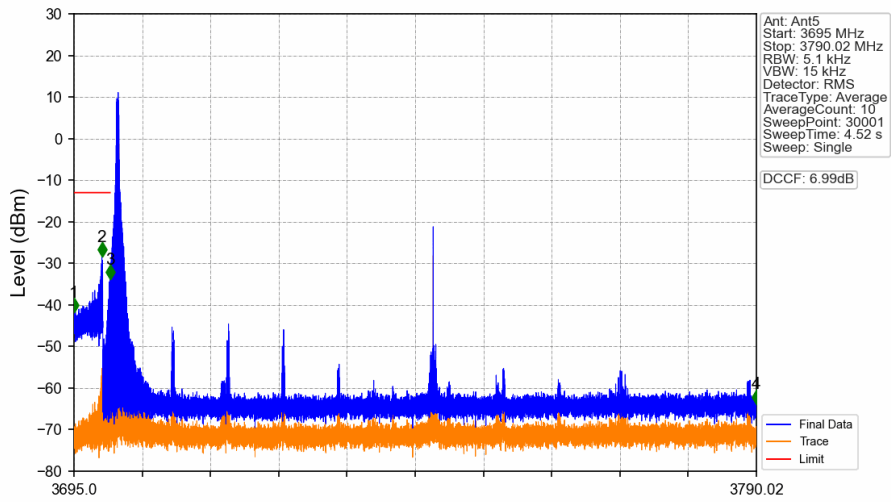
## 1.8 30k\_SISO\_90MHz\_NTNV

### 1.8.1 Test Result

5G NR n78a SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant5	Ant2	Sum	
DFT-s-OFDM QPSK	3745.02	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3750	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
3754.98	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	3745.02	Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
	3750	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
3754.98	Inner_1RB_Right	Refer To Test Graph			Pass	
	Inner_1RB_Right	Refer To Test Graph			Pass	

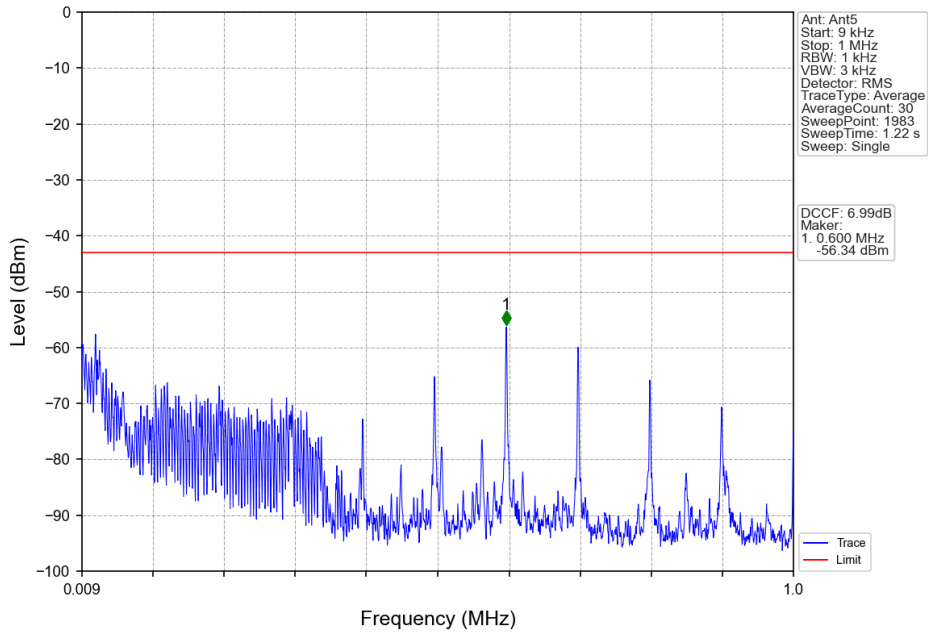
## 1.8.2 Test Graph

n78a\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM QPSK\_3745.02MHz\_Edge\_1RB\_Left

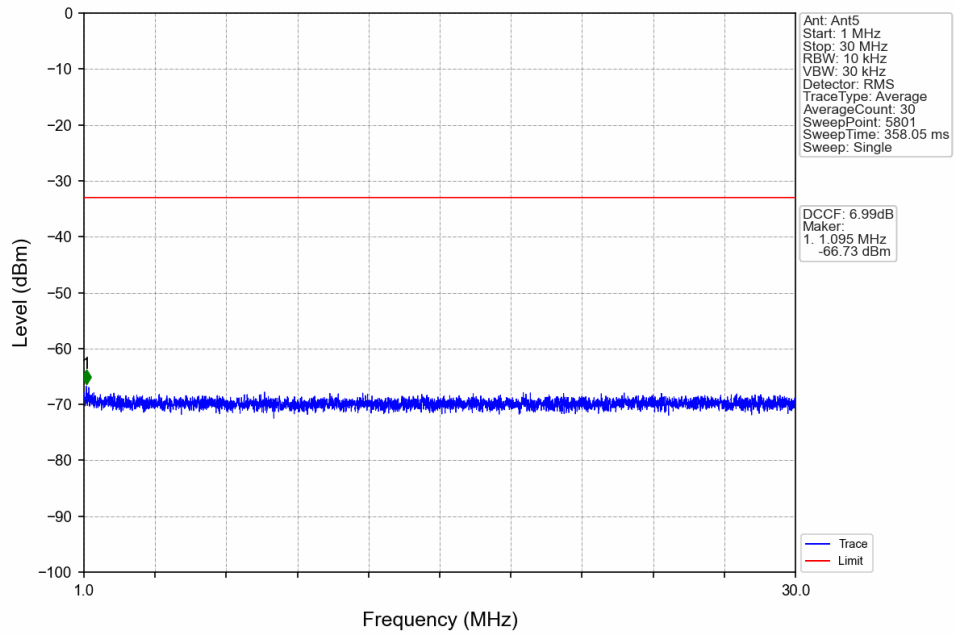


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	22.92	1	3695.006	-41.87	-13	Pass
3695.02	3699.02	0.5	19.91	2	3698.883	-28.38	-13	Pass
3699.02	3700.02	0.0051	0	3	3700.011	-33.83	-13	Pass
3700.02	3790.02	0.0051	0	4	3790.020	-63.81	-13	Pass

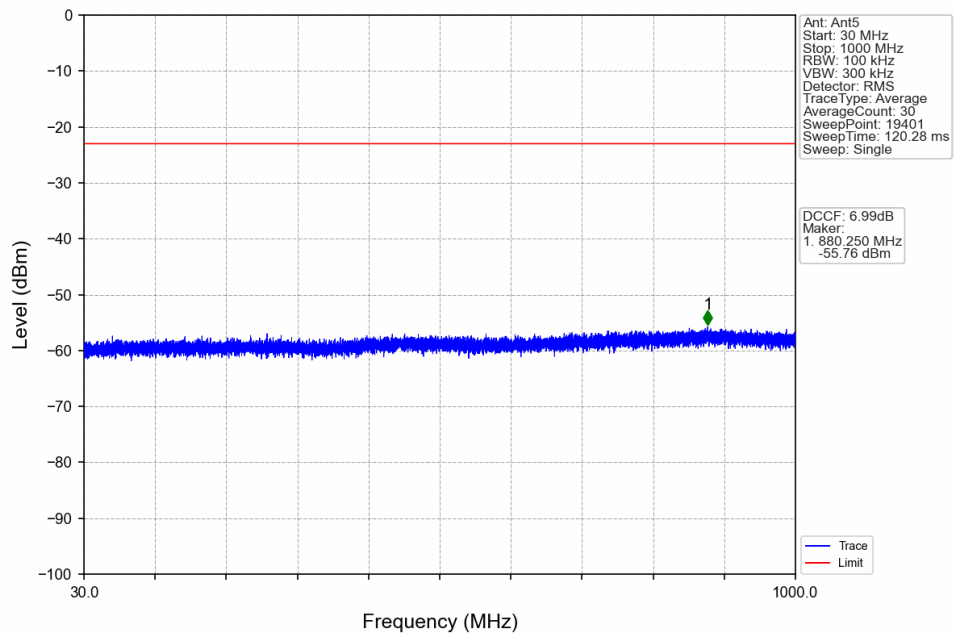
n78a\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM QPSK\_3745.02MHz\_Edge\_1RB\_Left



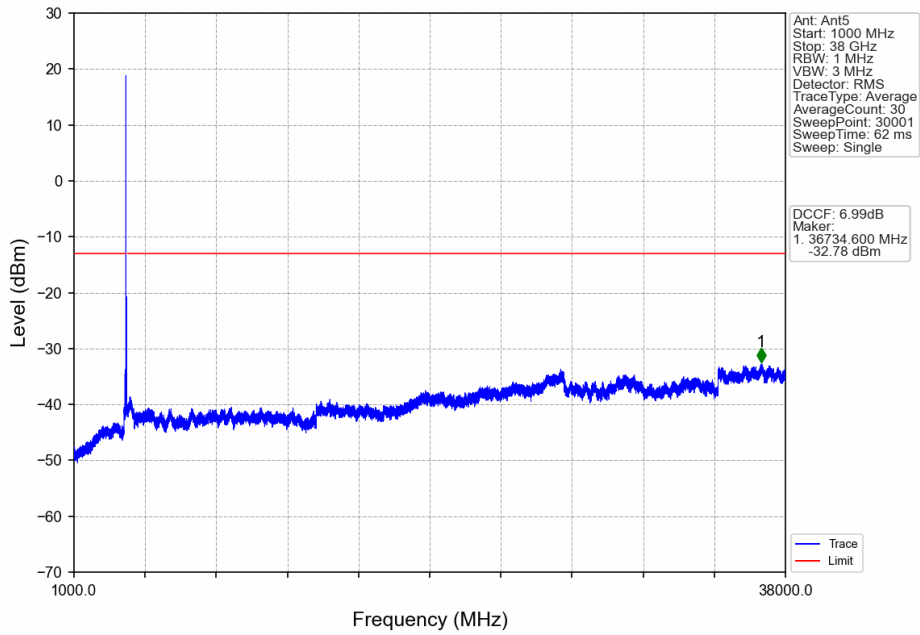
n78a\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM QPSK\_3745.02MHz\_Edge\_1RB\_Left



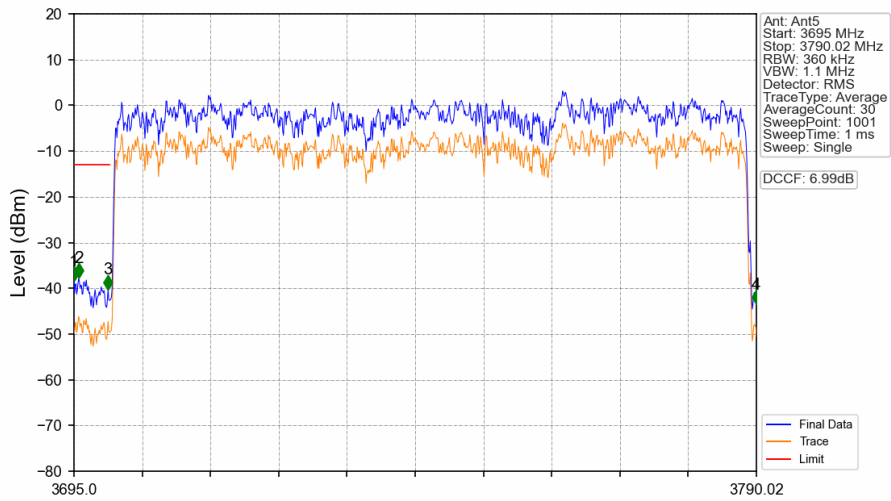
n78a\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM QPSK\_3745.02MHz\_Edge\_1RB\_Left



n78a\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM\_QPSK\_3745.02MHz\_Edge\_1RB\_Left

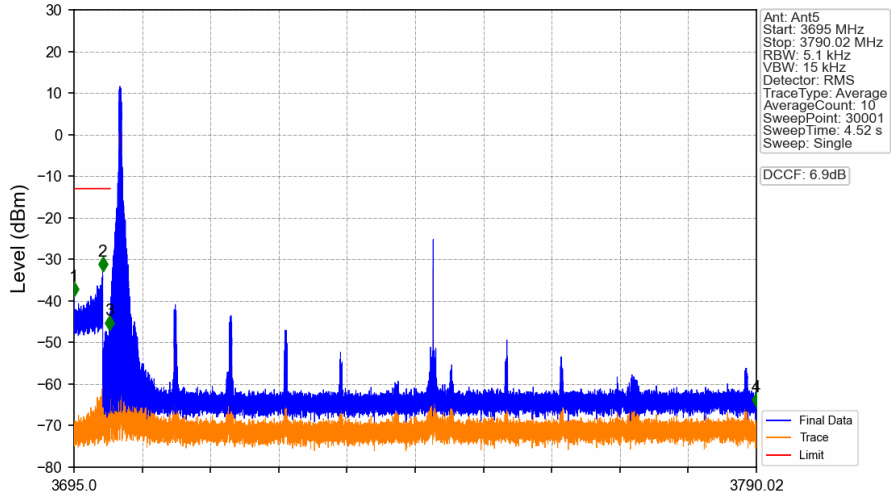


n78a\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM\_QPSK\_3745.02MHz\_Outer\_Full



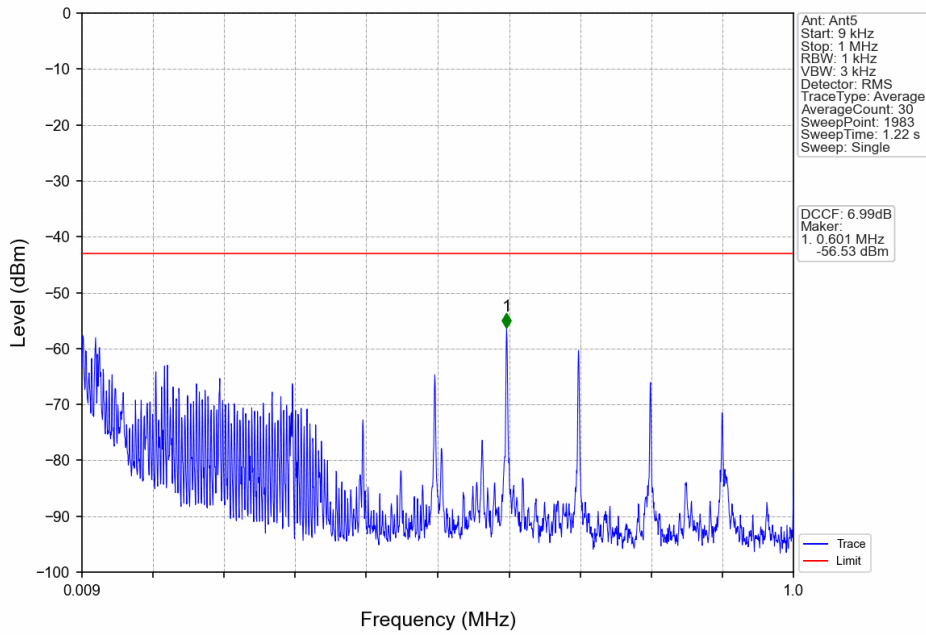
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	4.44	1	3695.000	-38.40	-13	Pass
3695.02	3699.02	0.5	1.43	2	3695.665	-37.75	-13	Pass
3699.02	3700.02	0.36	0	3	3699.751	-40.25	-13	Pass
3700.02	3790.02	0.36	0	4	3790.020	-43.52	-13	Pass

n78a\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM\_QPSK\_3745.02MHz\_Inner\_1RB\_Left

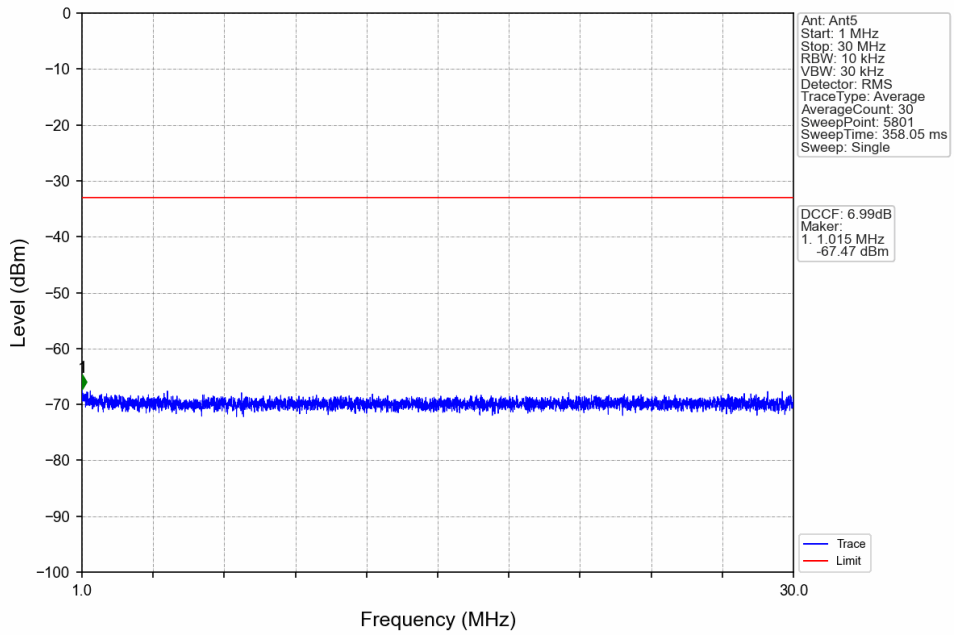


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	22.92	1	3695.000	-38.84	-13	Pass
3695.02	3699.02	0.5	19.91	2	3698.988	-32.94	-13	Pass
3699.02	3700.02	0.0051	0	3	3699.941	-47.00	-13	Pass
3700.02	3790.02	0.0051	0	4	3790.020	-65.51	-13	Pass

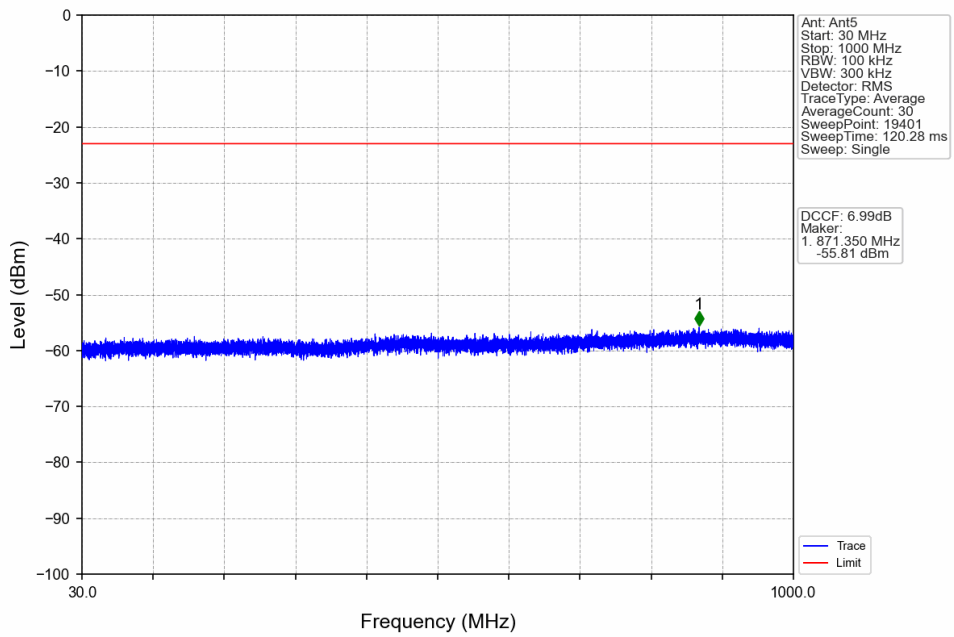
n78a\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left



n78a\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left

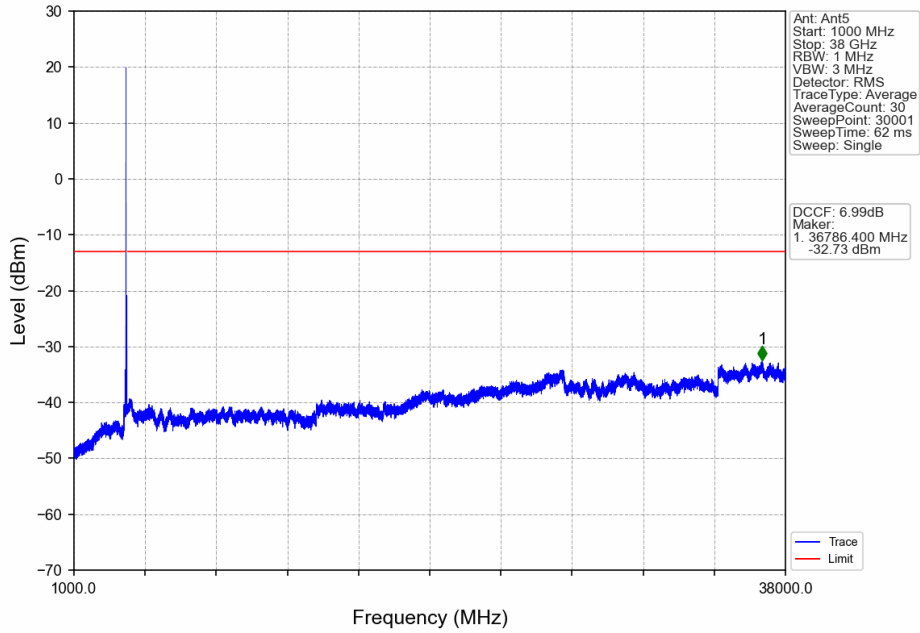


n78a\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left

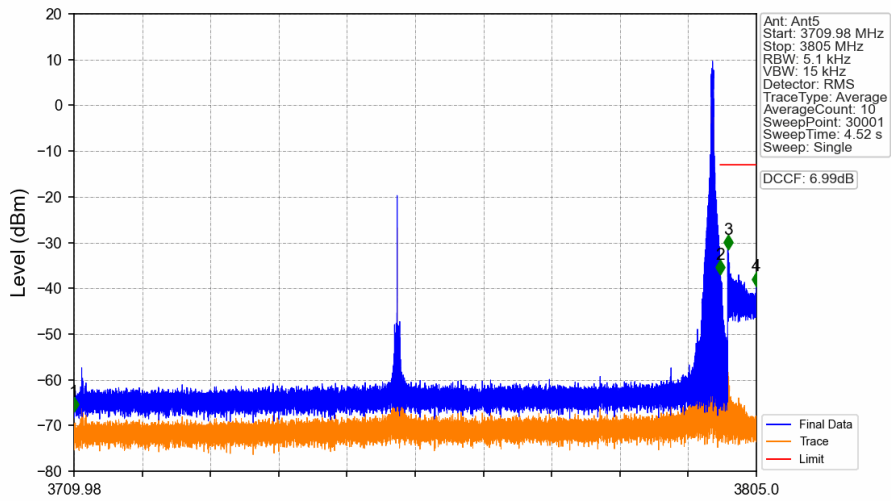




n78a\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left

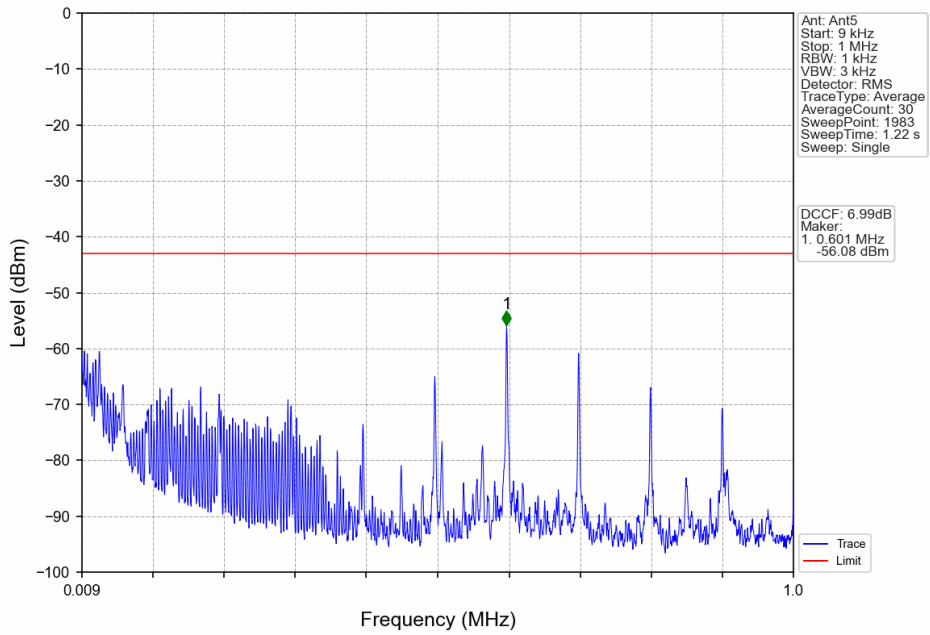


n78a\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM\_QPSK\_3754.98MHz\_Edge\_1RB\_Right

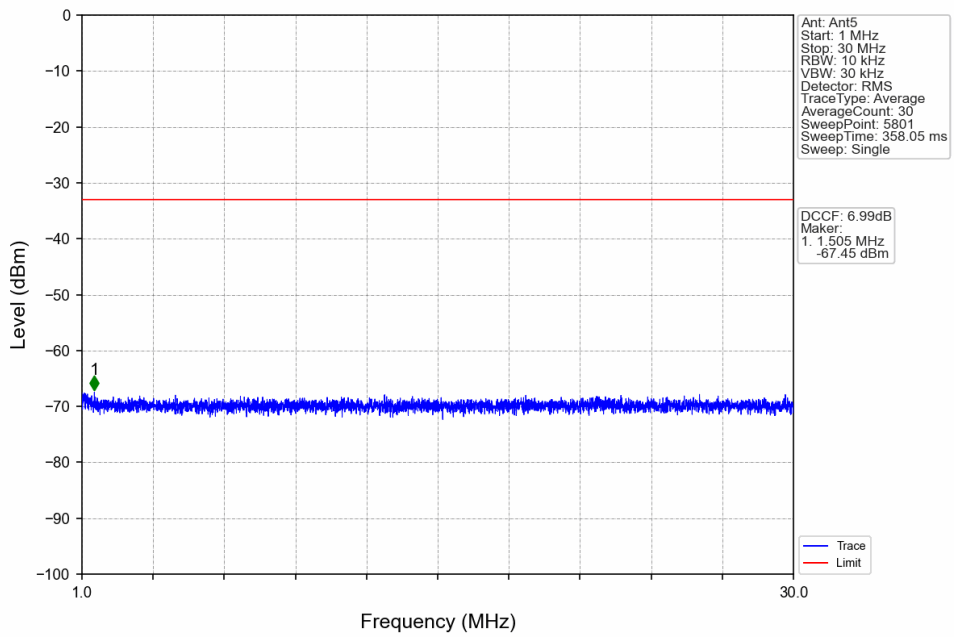


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3709.98	3799.98	0.0051	0	1	3709.980	-66.93	-13	Pass
3799.98	3799.98	0.0051	0	/	/	/	/	/
3799.98	3800.98	0.0051	0	2	3799.983	-36.98	-13	Pass
3800.98	3804.98	0.5	19.91	3	3801.044	-31.45	-13	Pass
3804.98	3805	1	22.92	4	3804.990	-39.54	-13	Pass

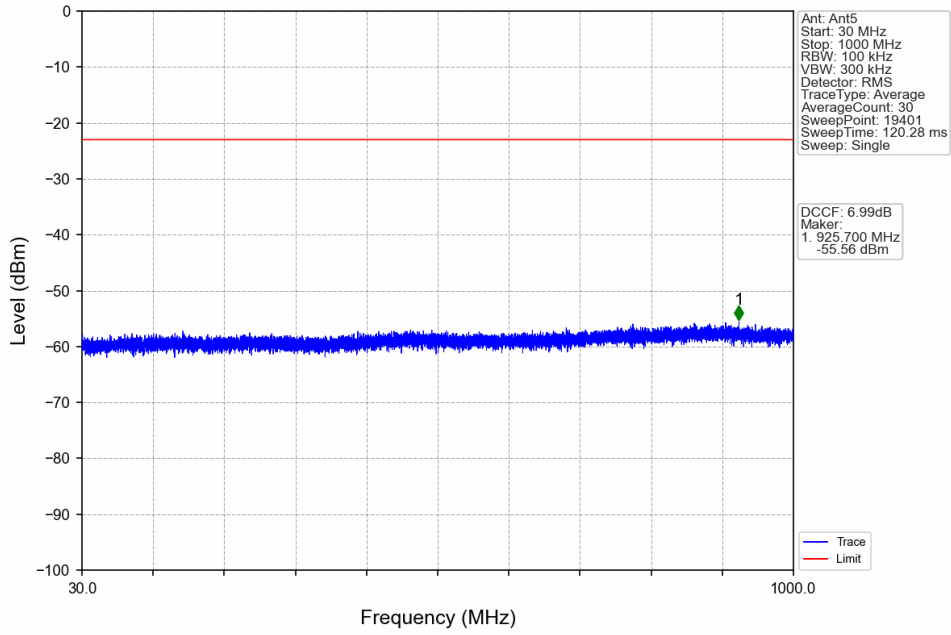
n78a\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM QPSK\_3754.98MHz\_Edge\_1RB\_Right



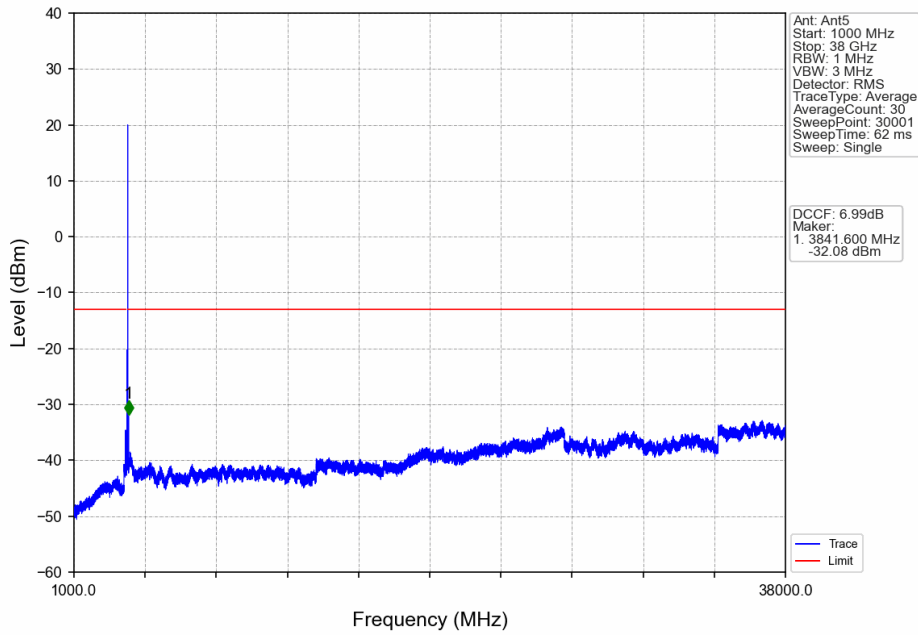
n78a\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM QPSK\_3754.98MHz\_Edge\_1RB\_Right



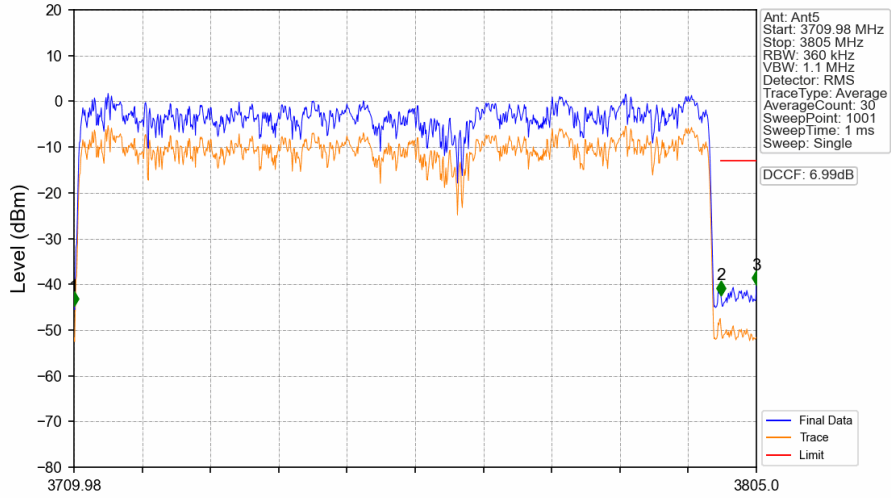
n78a\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM\_QPSK\_3754.98MHz\_Edge\_1RB\_Right



n78a\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM\_QPSK\_3754.98MHz\_Edge\_1RB\_Right

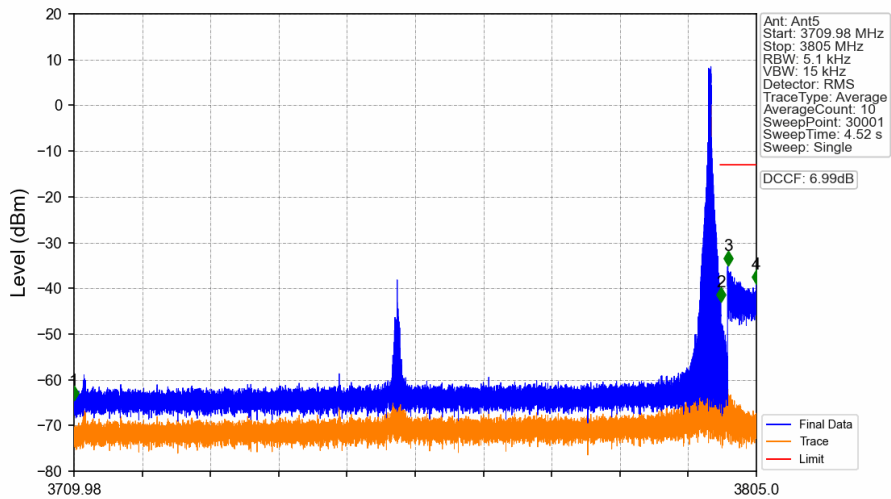


n78a\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM QPSK 3754.98MHz\_Outer\_Full



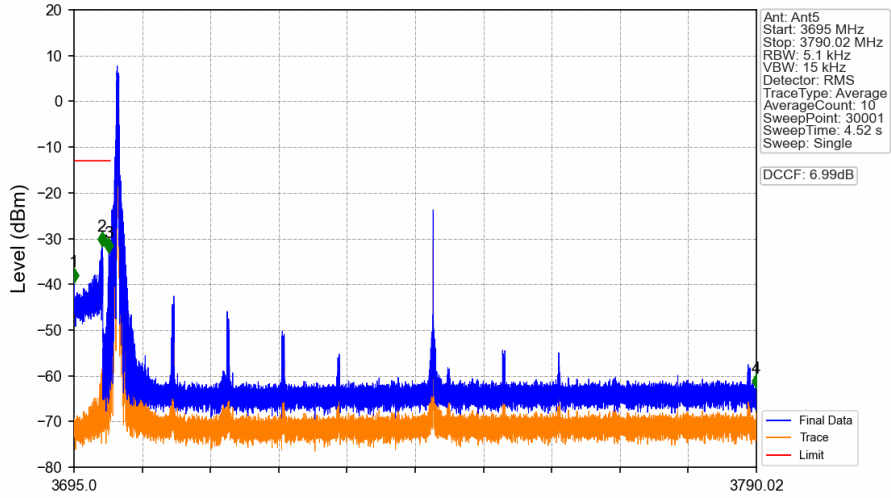
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3709.98	3799.98	0.36	0	1	3709.980	-44.78	-13	Pass
3799.98	3799.98	0.36	0	/	/	/	/	/
3799.98	3800.98	0.36	0	2	3800.059	-42.38	-13	Pass
3800.98	3804.98	0.5	1.43	3	3805.000	-40.16	-13	Pass

n78a\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM QPSK 3754.98MHz\_Inner\_1RB\_Right



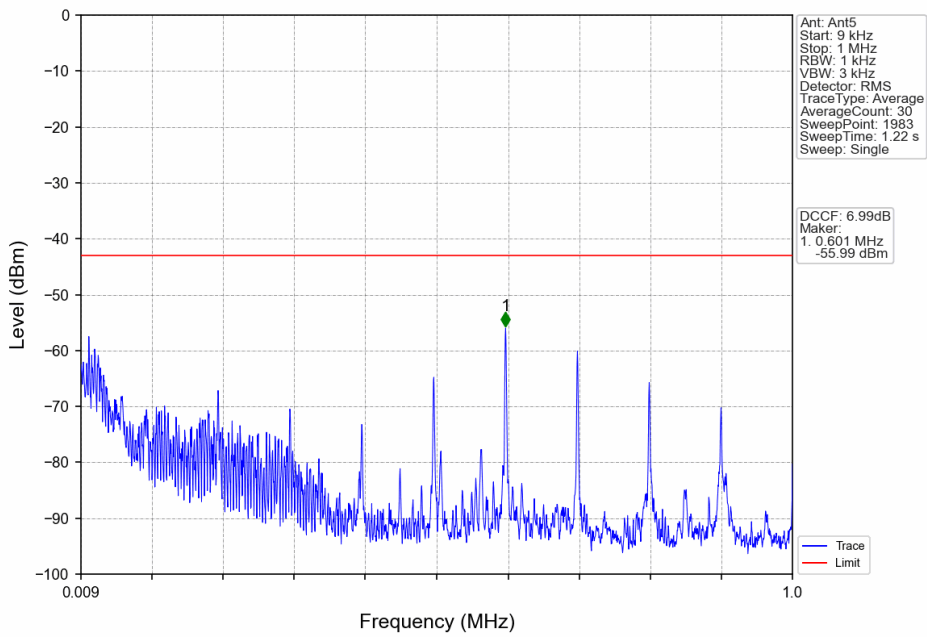
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3709.98	3799.98	0.0051	0	1	3709.980	-64.46	-13	Pass
3799.98	3799.98	0.0051	0	/	/	/	/	/
3799.98	3800.98	0.0051	0	2	3800.034	-42.91	-13	Pass
3800.98	3804.98	0.5	19.91	3	3801.028	-35.09	-13	Pass
3804.98	3805	1	22.92	4	3804.997	-39.05	-13	Pass

n78a\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM\_QPSK\_3745.02MHz\_Edge\_1RB\_Left

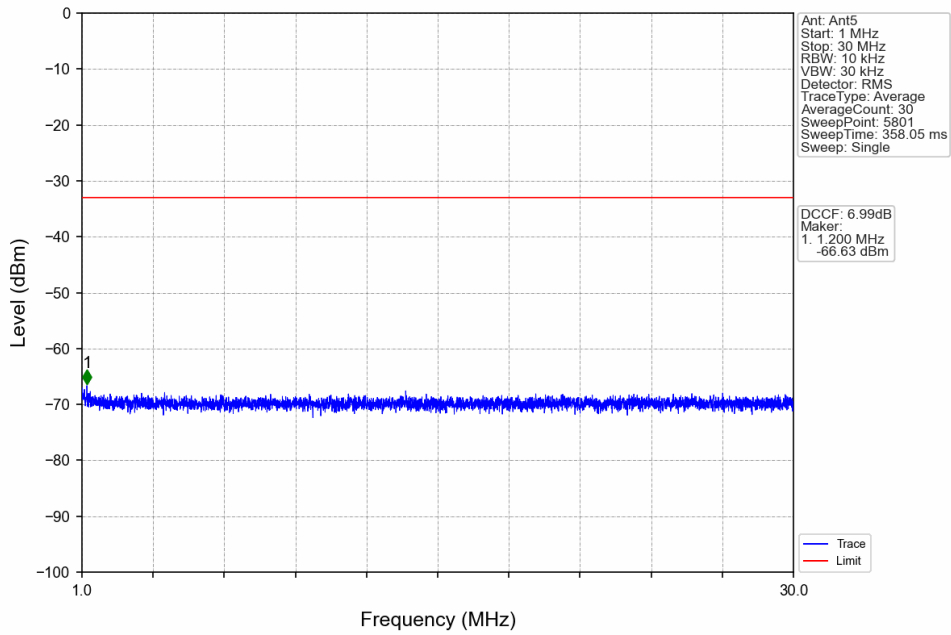


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	22.92	1	3695.003	-39.52	-13	Pass
3695.02	3699.02	0.5	19.91	2	3698.889	-31.73	-13	Pass
3699.02	3700.02	0.0051	0	3	3699.865	-33.09	-13	Pass
3700.02	3790.02	0.0051	0	4	3790.020	-62.74	-13	Pass

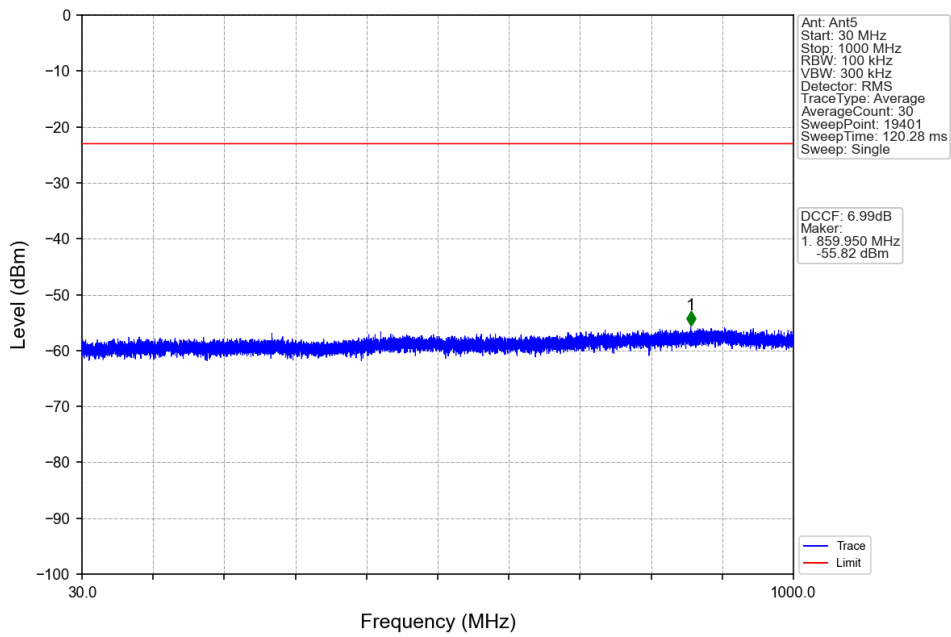
n78a\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM\_QPSK\_3745.02MHz\_Edge\_1RB\_Left



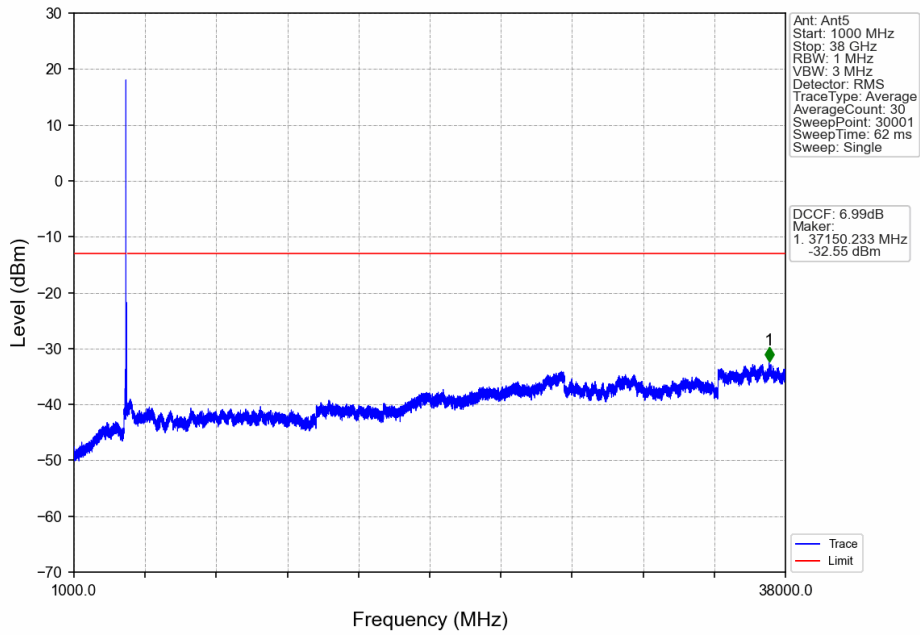
n78a\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM\_QPSK\_3745.02MHz\_Edge\_1RB\_Left



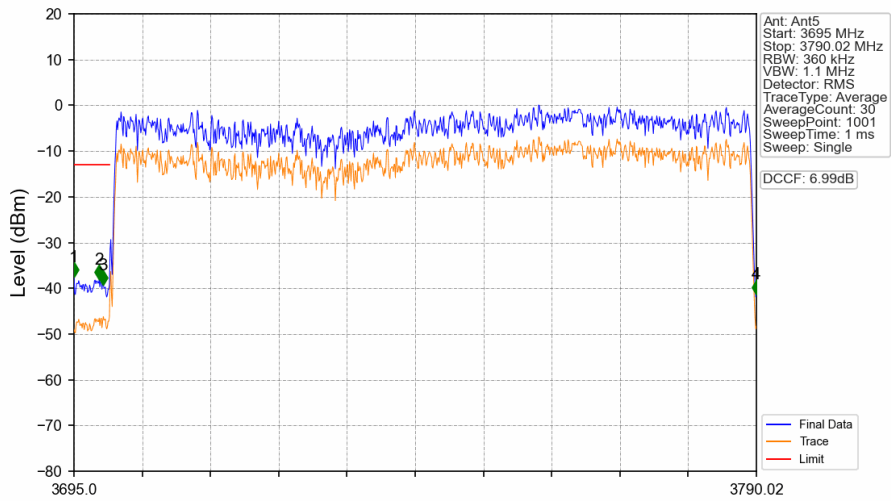
n78a\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM\_QPSK\_3745.02MHz\_Edge\_1RB\_Left



n78a\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM\_QPSK\_3745.02MHz\_Edge\_1RB\_Left

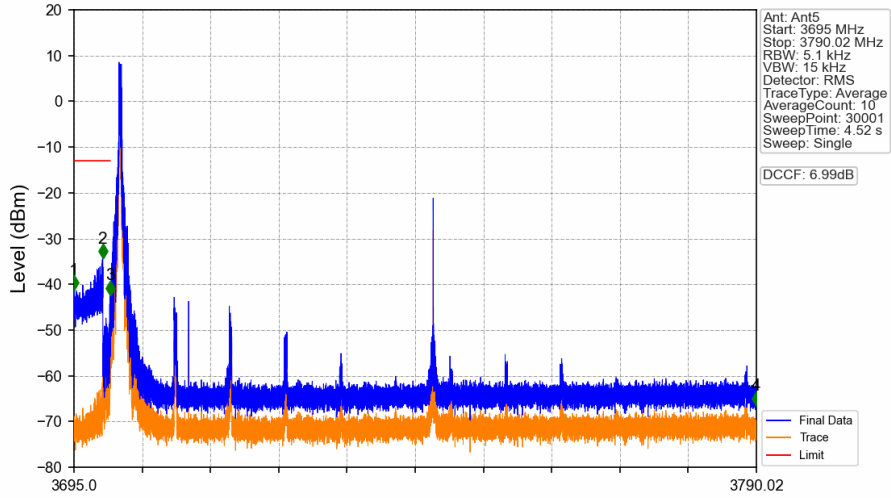


n78a\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM\_QPSK\_3745.02MHz\_Outer\_Full



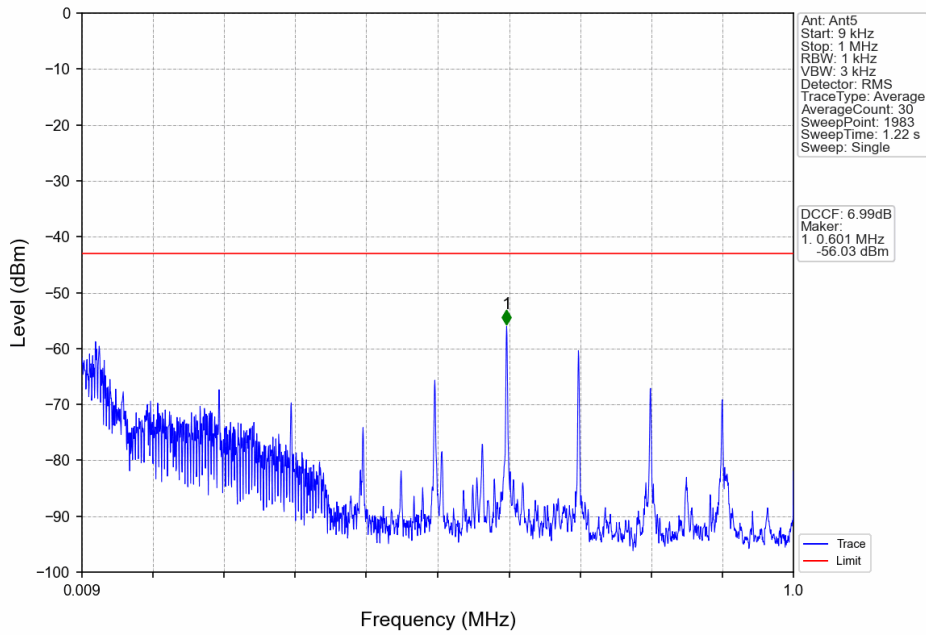
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	4.44	1	3695.000	-37.50	-13	Pass
3695.02	3699.02	0.5	1.43	2	3698.516	-38.10	-13	Pass
3699.02	3700.02	0.36	0	3	3699.086	-39.20	-13	Pass
3700.02	3790.02	0.36	0	4	3790.020	-41.29	-13	Pass

n78a\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_3745.02MHz\_Inner\_1RB\_Left



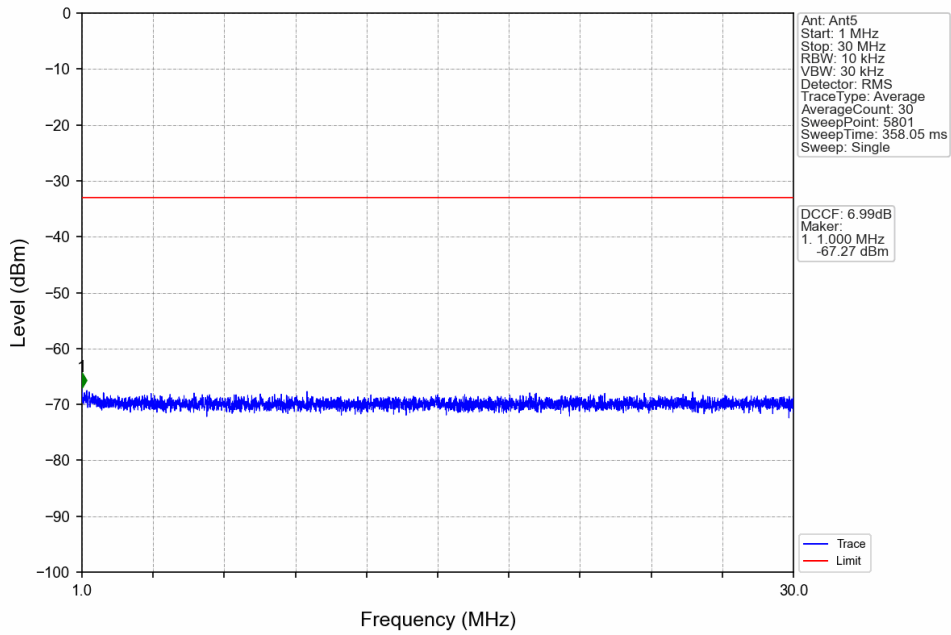
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695.02	1	22.92	1	3695.006	-41.17	-13	Pass
3695.02	3699.02	0.5	19.91	2	3699.004	-34.28	-13	Pass
3699.02	3700.02	0.0051	0	3	3700.008	-42.34	-13	Pass
3700.02	3790.02	0.0051	0	4	3790.020	-66.50	-13	Pass

n78a\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_3750MHz\_Edge\_1RB\_Left

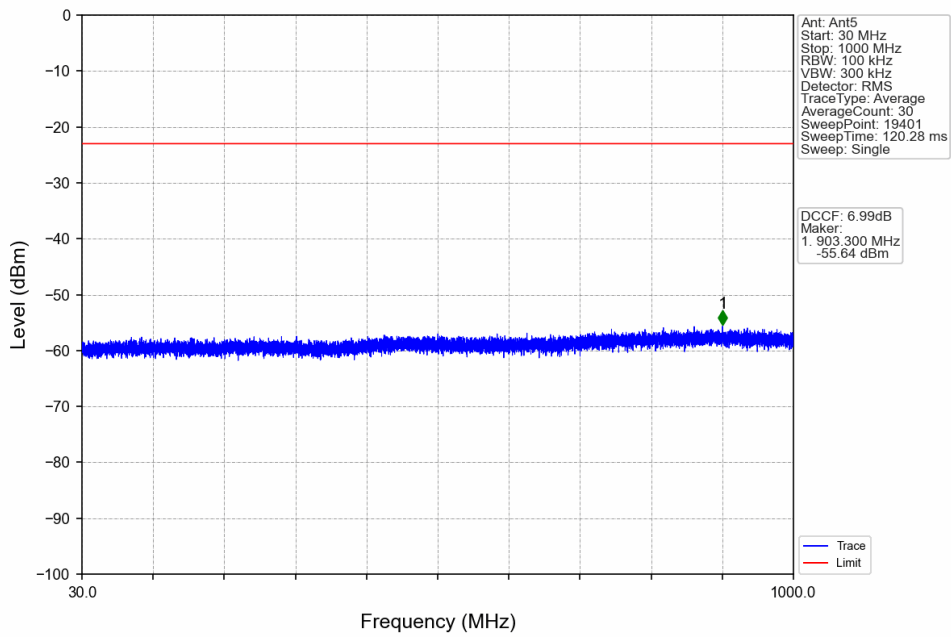




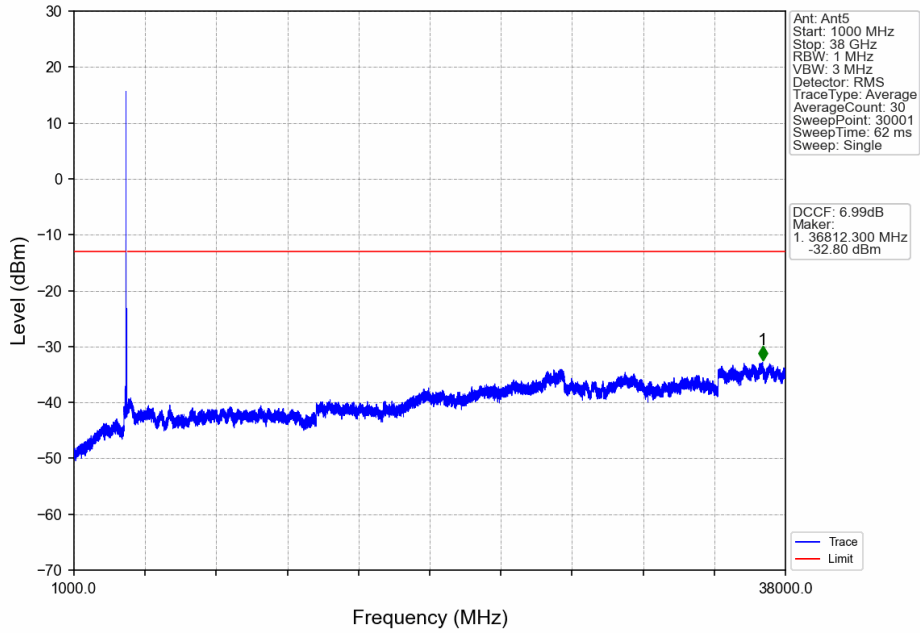
n78a\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_3750MHz\_Edge\_1RB\_Left



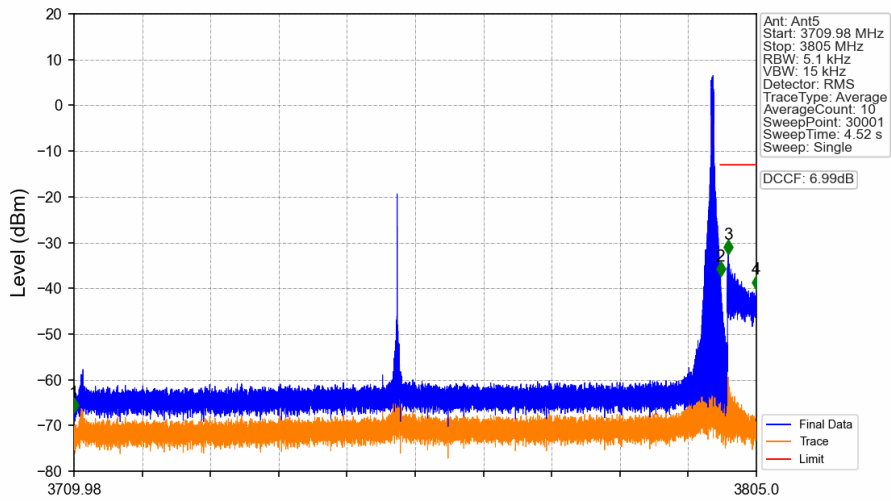
n78a\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_3750MHz\_Edge\_1RB\_Left



n78a\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left

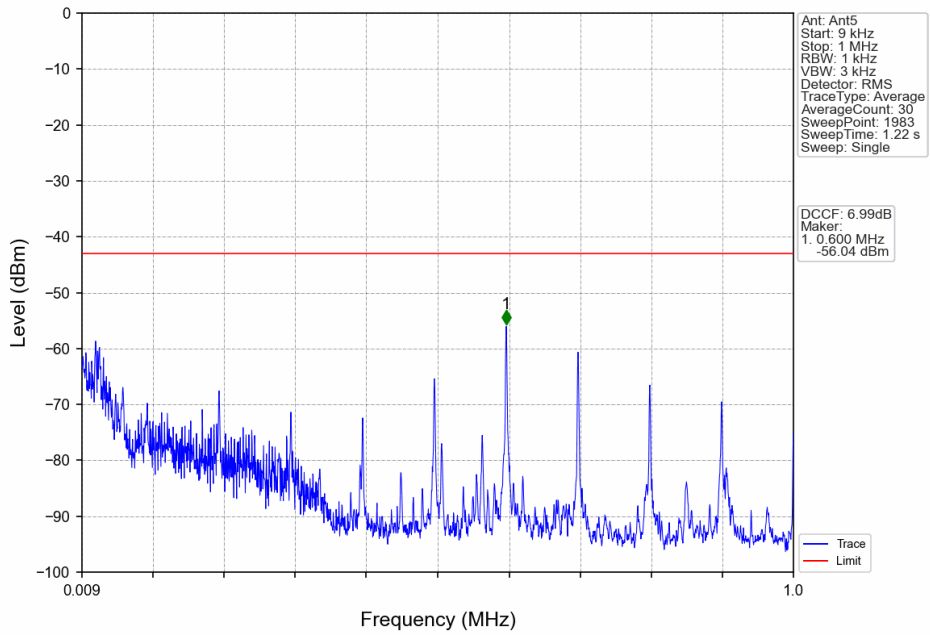


n78a\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM\_QPSK\_3754.98MHz\_Edge\_1RB\_Right

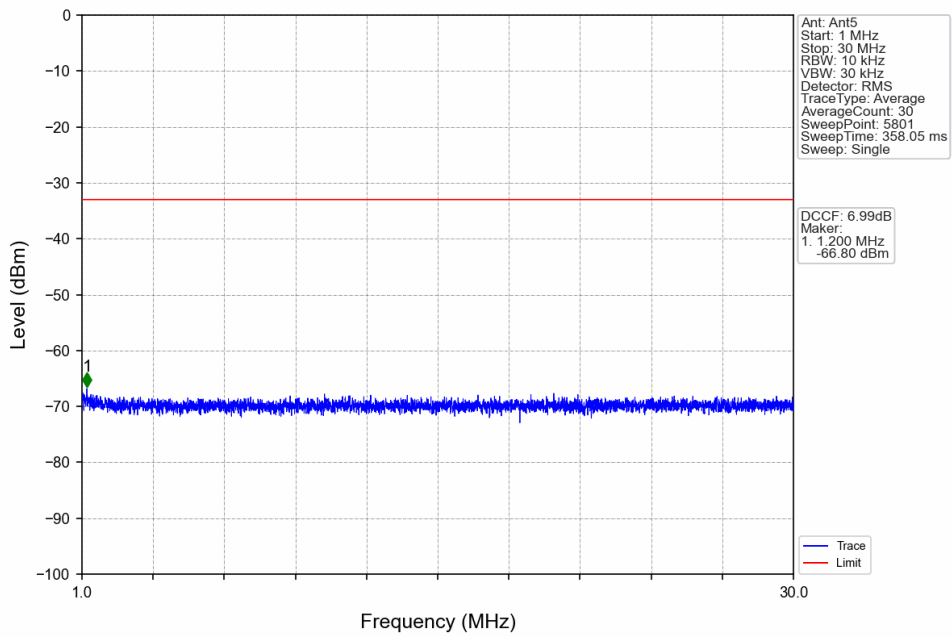


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3709.98	3799.98	0.0051	0	1	3709.980	-67.08	-13	Pass
3799.98	3799.98	0.0051	0	/	/	/	/	/
3799.98	3800.98	0.0051	0	2	3800.011	-37.37	-13	Pass
3800.98	3804.98	0.5	19.91	3	3801.079	-32.52	-13	Pass
3804.98	3805	1	22.92	4	3804.987	-40.23	-13	Pass

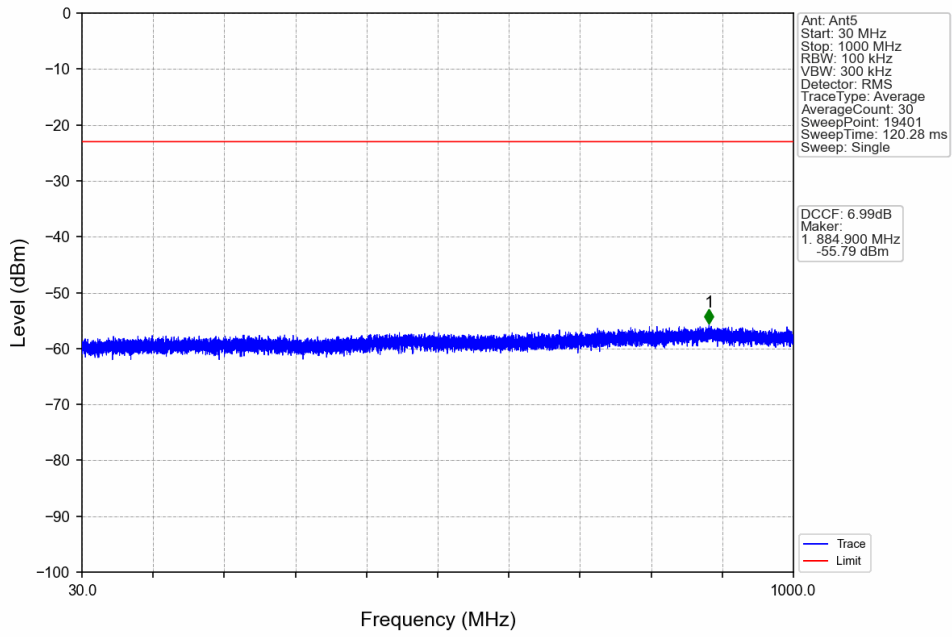
n78a\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_3754.98MHz\_Edge\_1RB\_Right



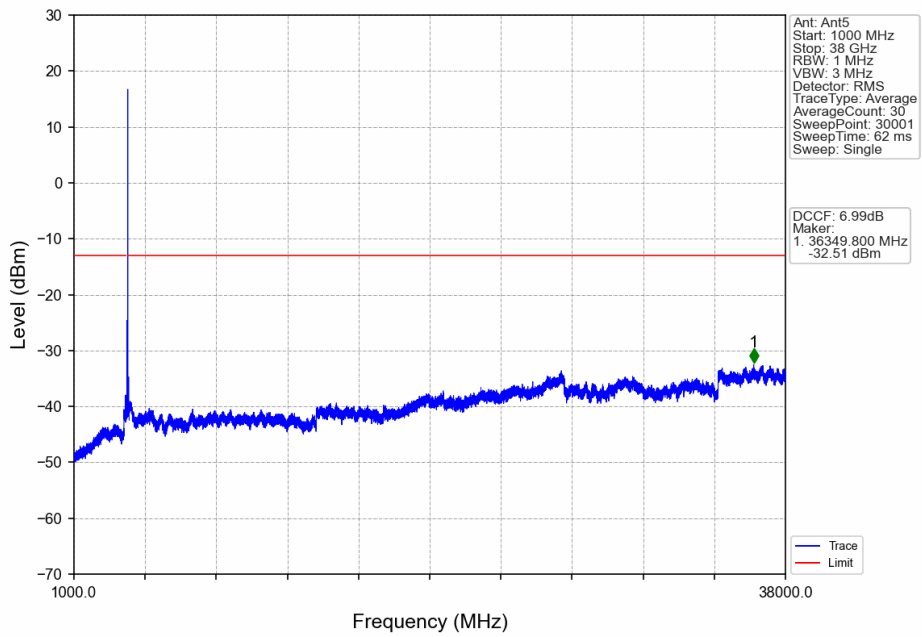
n78a\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_3754.98MHz\_Edge\_1RB\_Right



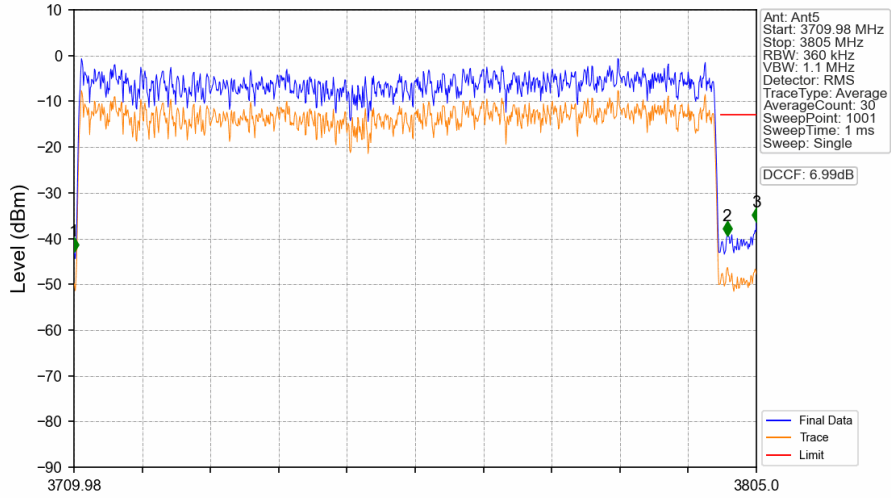
n78a\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM\_QPSK\_3754.98MHz\_Edge\_1RB\_Right



n78a\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM\_QPSK\_3754.98MHz\_Edge\_1RB\_Right

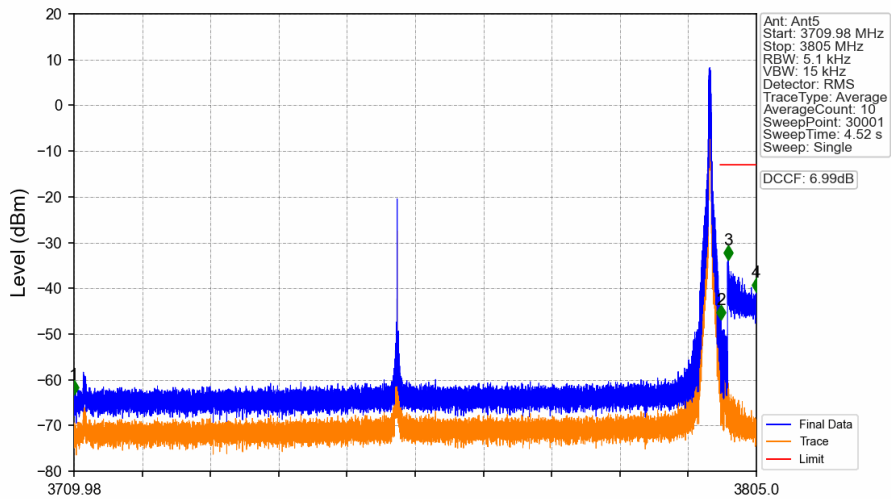


n78a\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_3754.98MHz\_Outer\_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3709.98	3799.98	0.36	0	1	3709.980	-42.81	-13	Pass
3799.98	3799.98	0.36	0	/	/	/	/	/
3799.98	3800.98	0.36	0	2	3800.914	-39.44	-13	Pass
3800.98	3804.98	0.5	1.43	3	3805.000	-36.41	-13	Pass

n78a\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_3754.98MHz\_Inner\_1RB\_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3709.98	3799.98	0.0051	0	1	3709.980	-63.24	-13	Pass
3799.98	3799.98	0.0051	0	/	/	/	/	/
3799.98	3800.98	0.0051	0	2	3800.084	-46.81	-13	Pass
3800.98	3804.98	0.5	19.91	3	3801.028	-33.74	-13	Pass
3804.98	3805	1	22.92	4	3804.981	-40.80	-13	Pass

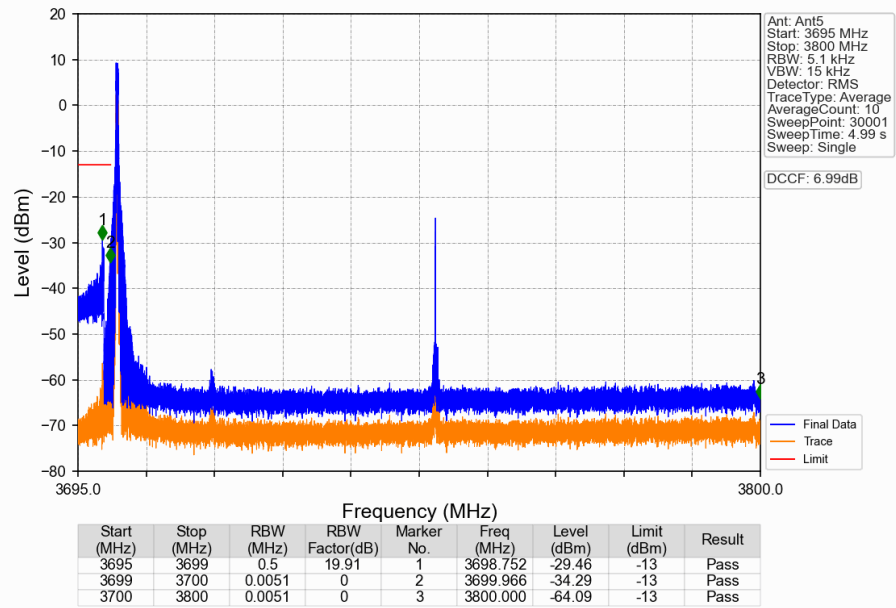
## 1.9 30k\_SISO\_100MHz\_NTNV

### 1.9.1 Test Result

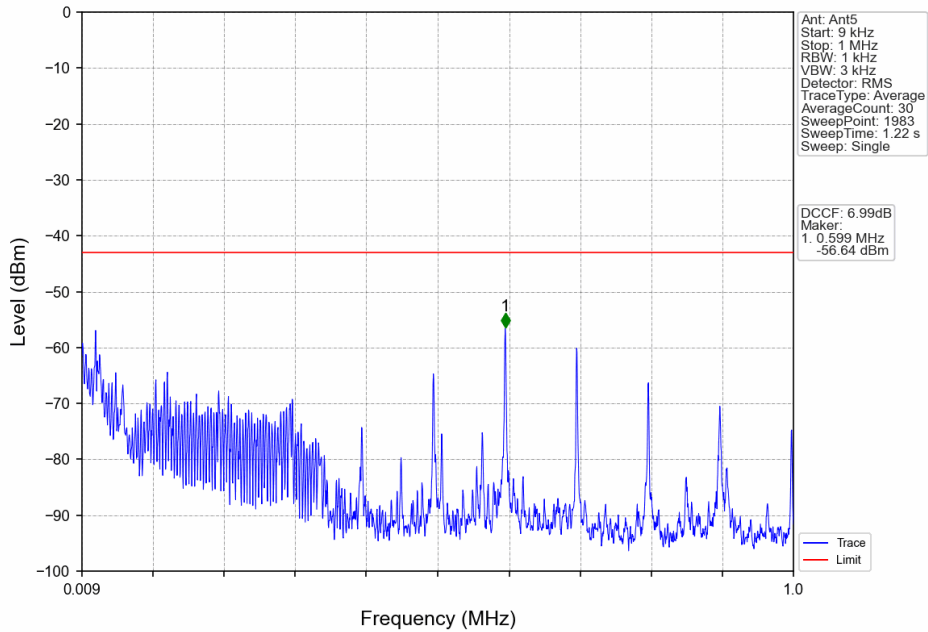
5G NR n78a SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant5	Ant2	Sum	
DFT-s-OFDM QPSK	3750	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3750	Edge_1RB_Left	Refer To Test Graph			Pass
		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
	3750	Inner_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
3750	Outer_Full	Refer To Test Graph			Pass	
	Inner_1RB_Right	Refer To Test Graph			Pass	

## 1.9.2 Test Graph

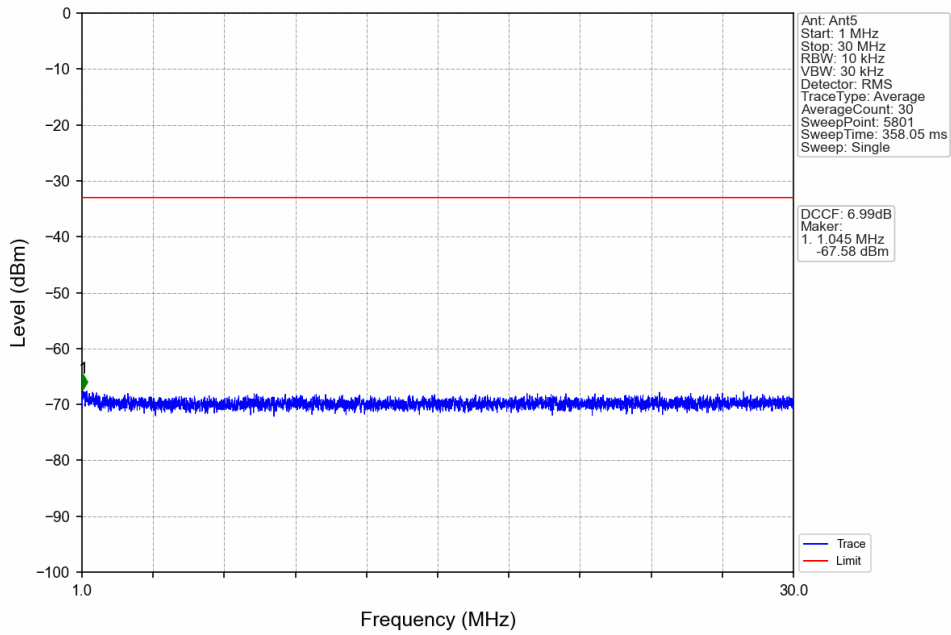
n78a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM QPSK\_3750MHz\_Edge\_1RB\_Left



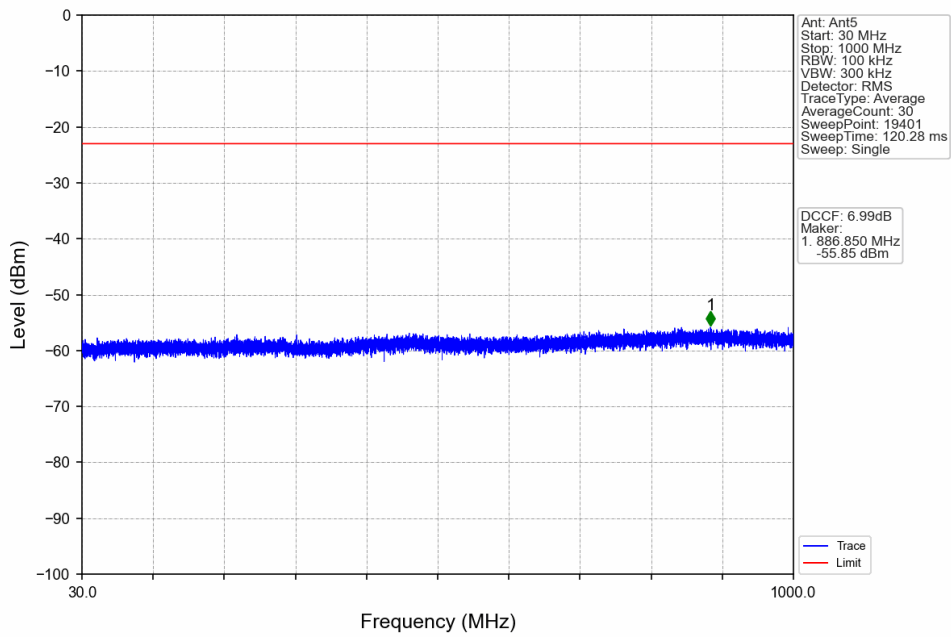
n78a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM QPSK\_3750MHz\_Edge\_1RB\_Left



n78a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left

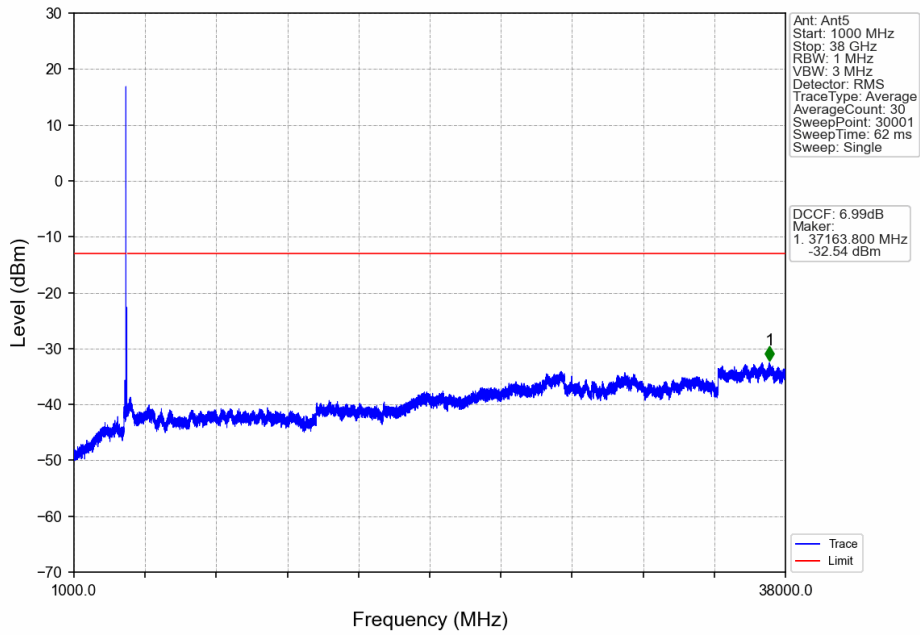


n78a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left

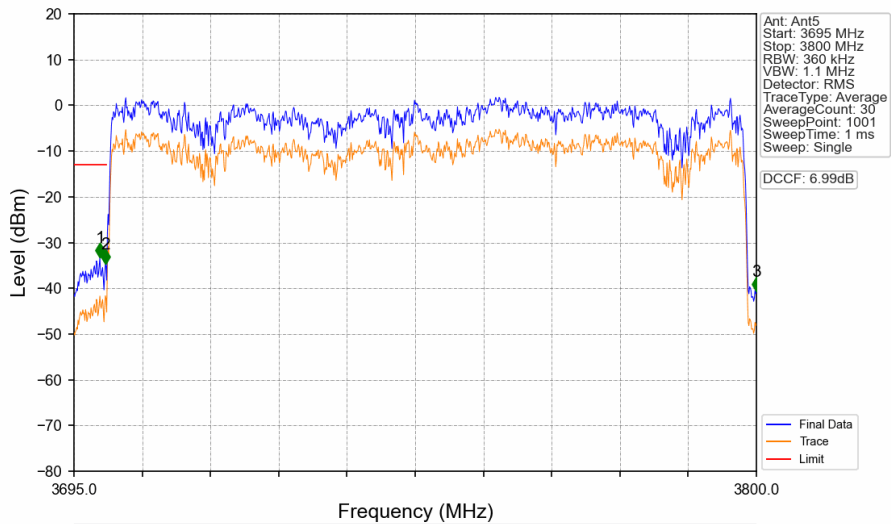




n78a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM QPSK\_3750MHz\_Edge\_1RB\_Left

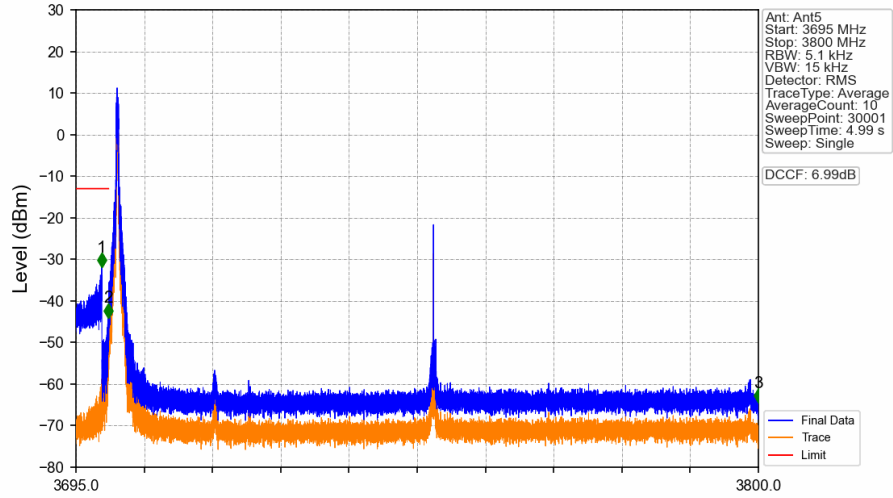


n78a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM QPSK\_3750MHz\_Outer\_Full



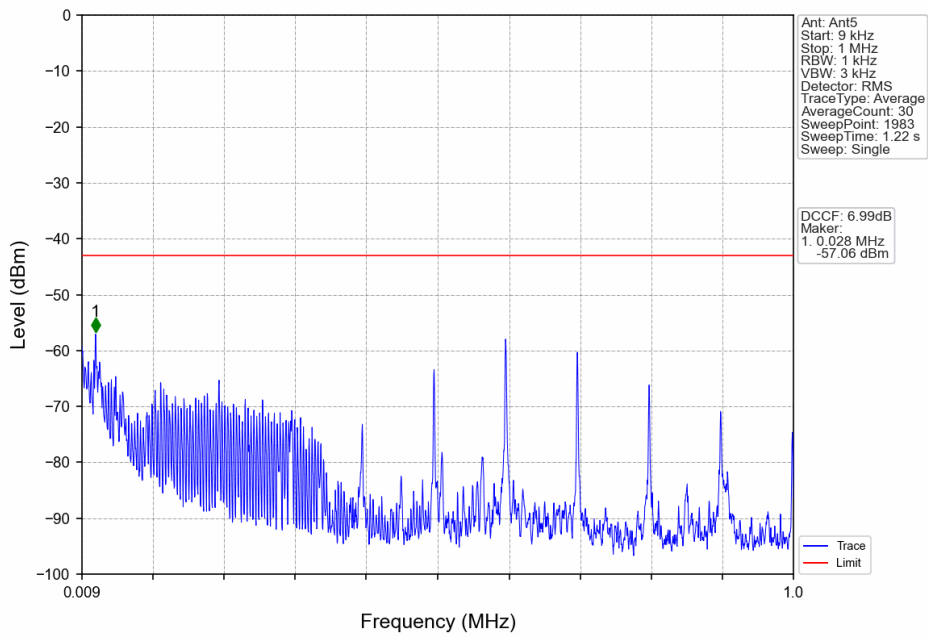
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	1.43	1	3698.990	-33.30	-13	Pass
3699	3700	0.36	0	2	3699.830	-34.63	-13	Pass
3700	3800	0.36	0	3	3800.000	-40.71	-13	Pass

n78a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Inner\_1RB\_Left

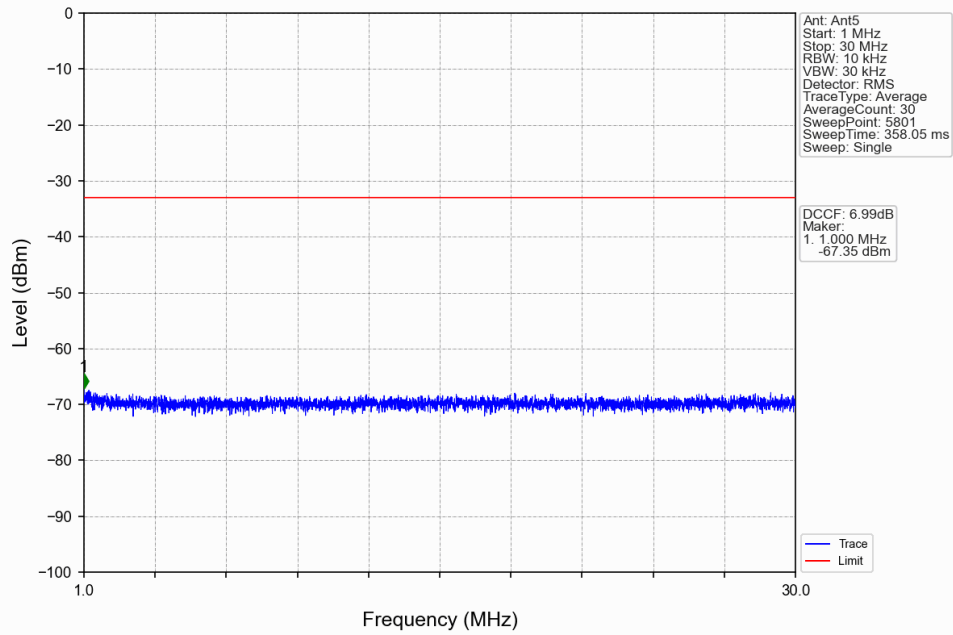


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	0.5	19.91	1	3698.962	-31.89	-13	Pass
3699	3700	0.0051	0	2	3699.974	-44.02	-13	Pass
3700	3800	0.0051	0	3	3800.000	-64.42	-13	Pass

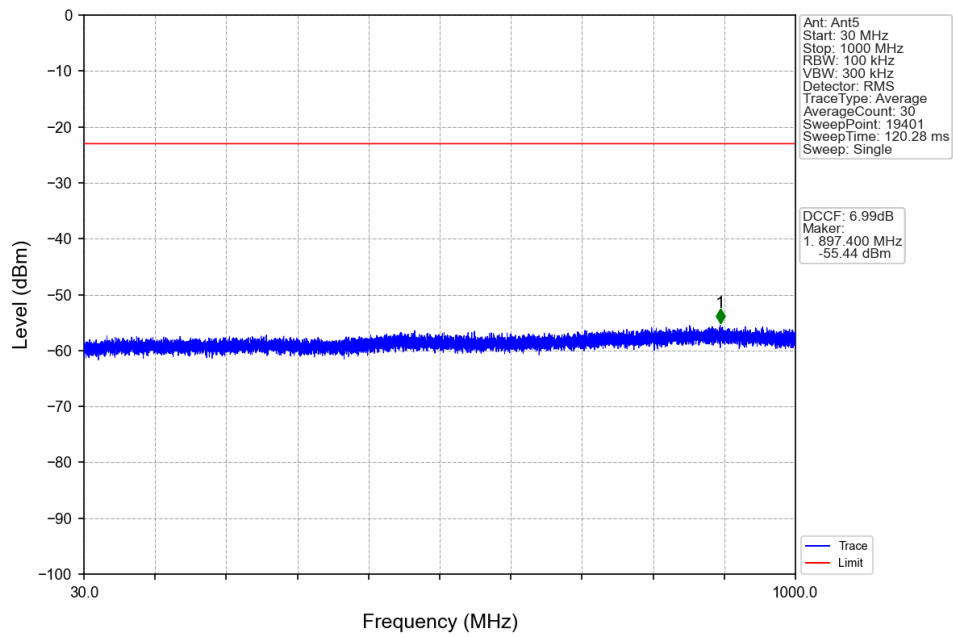
n78a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left



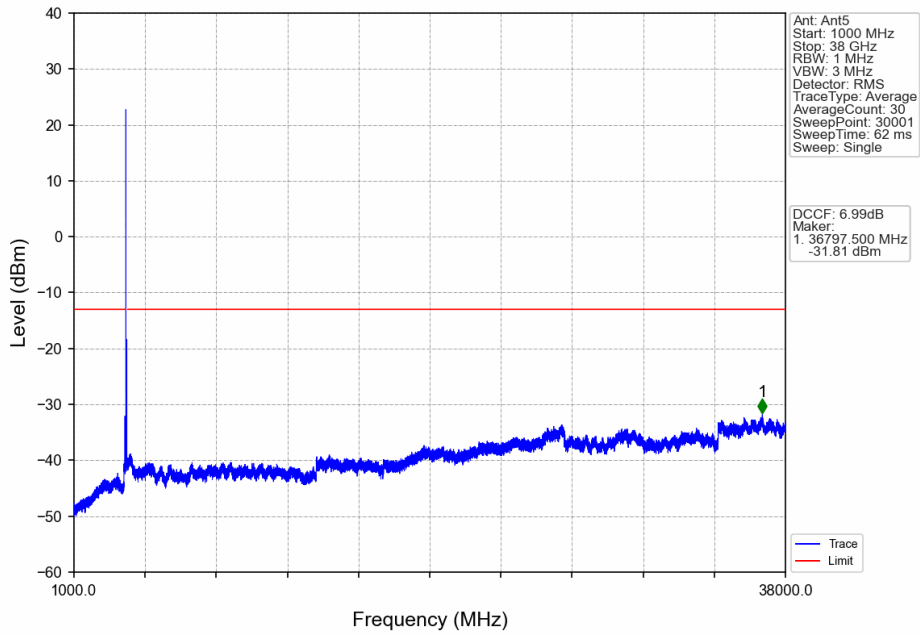
n78a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left



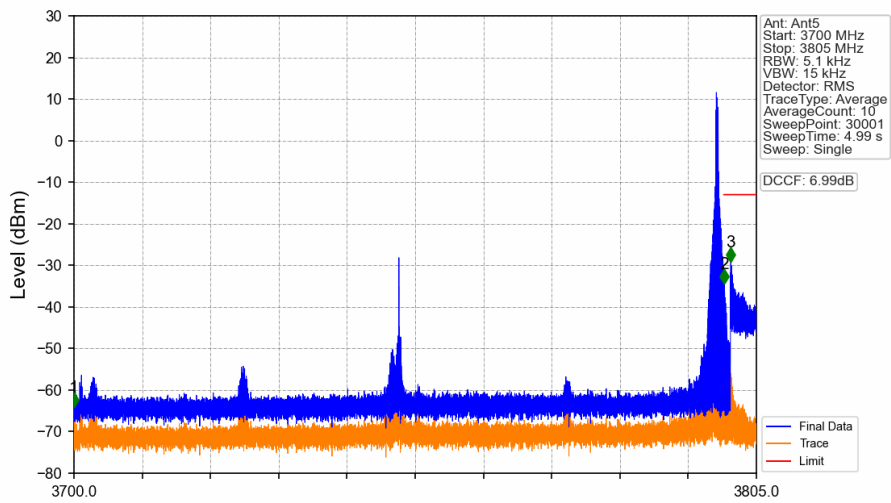
n78a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left



n78a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left

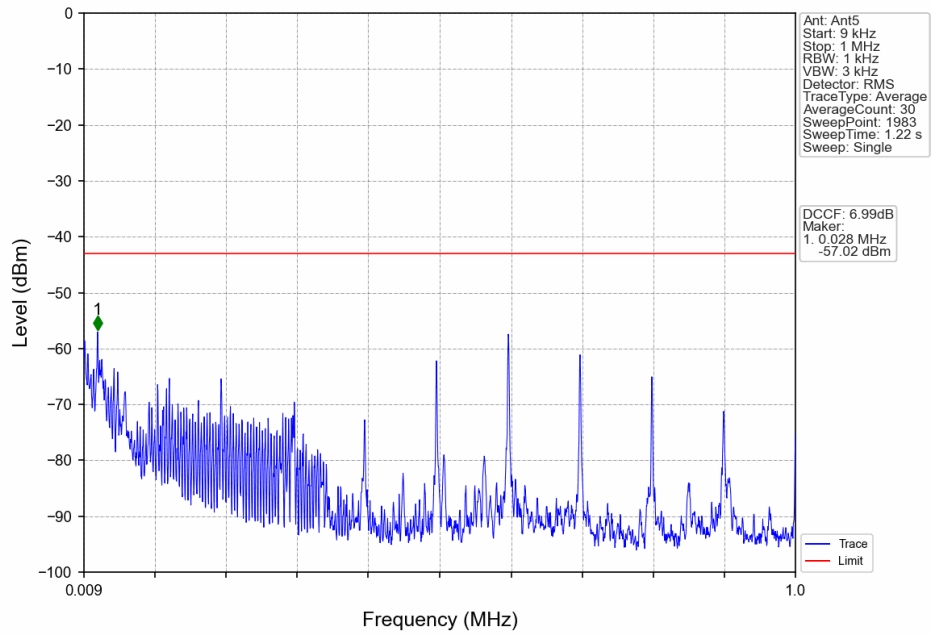


n78a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Right

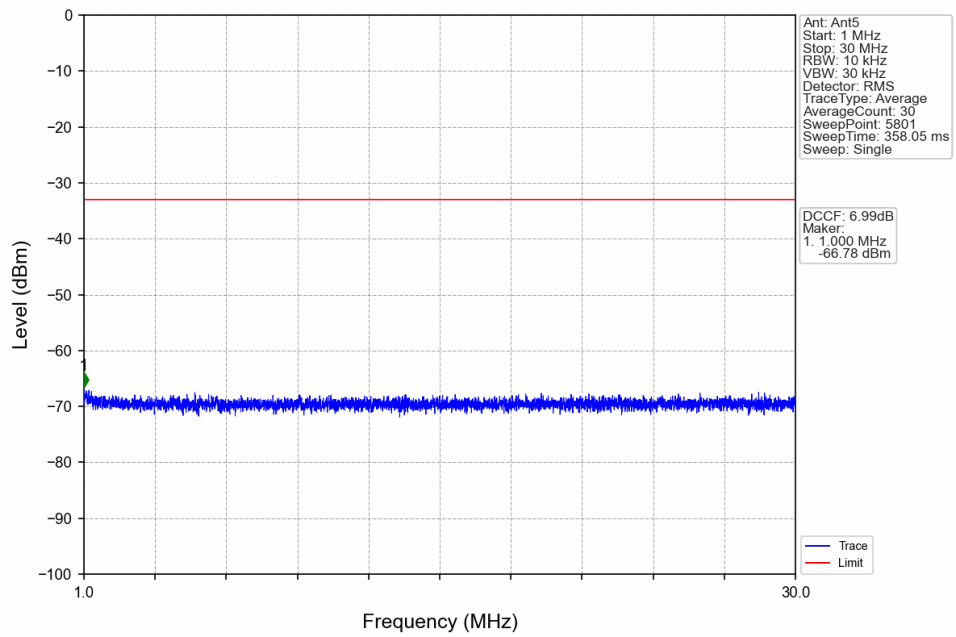


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3700	3800	0.0051	0	1	3700.000	-64.05	-13	Pass
3800	3800	0.0051	0	/	/	/	/	/
3800	3801	0.0051	0	2	3800.051	-34.35	-13	Pass
3801	3805	0.5	19.91	3	3801.055	-29.11	-13	Pass

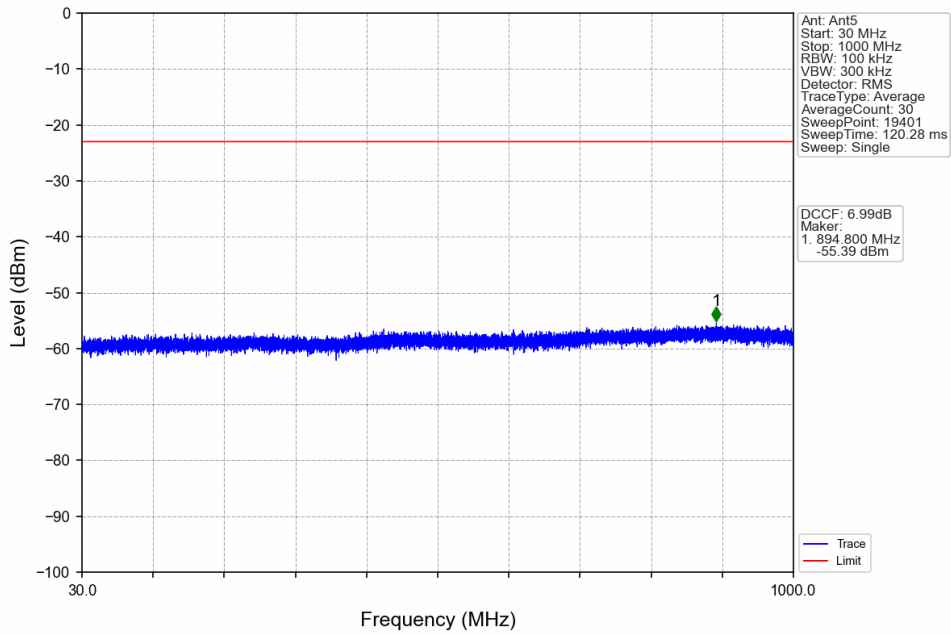
n78a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Right



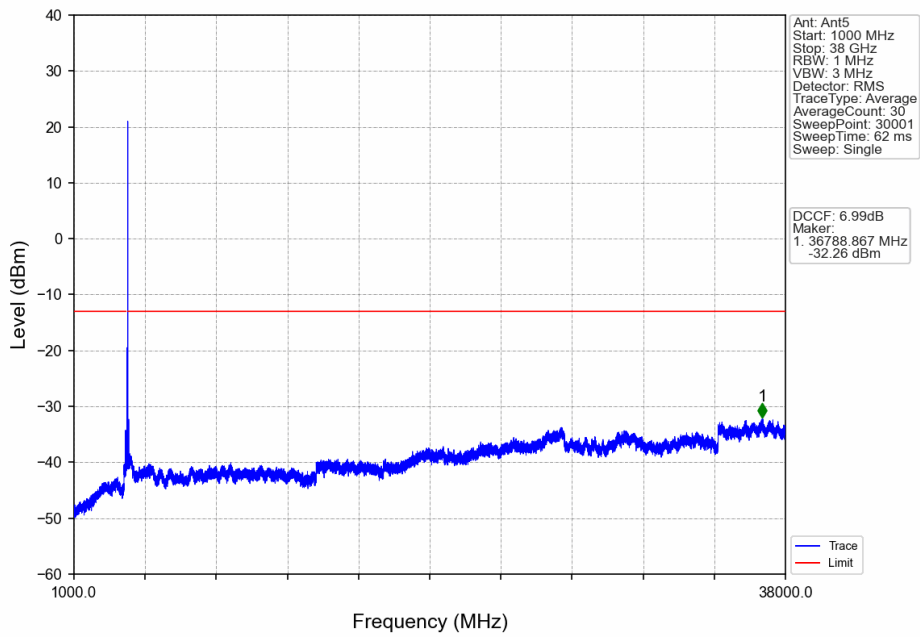
n78a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Right



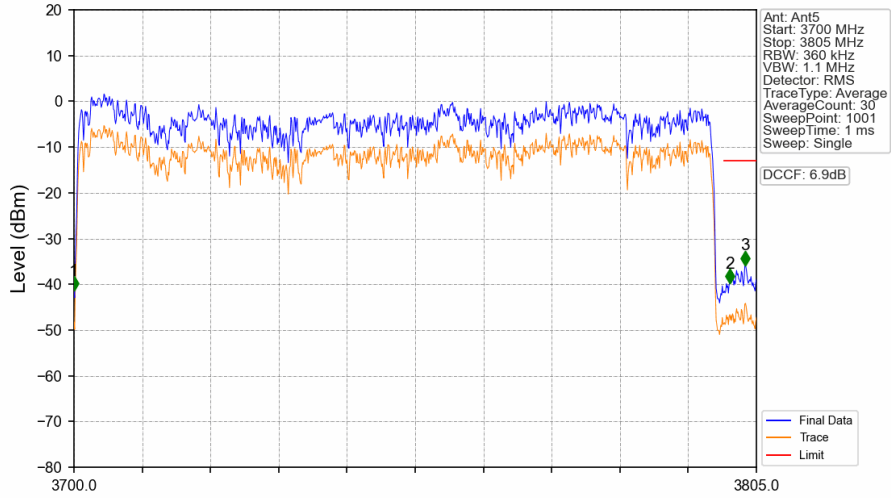
n78a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Right



n78a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Right

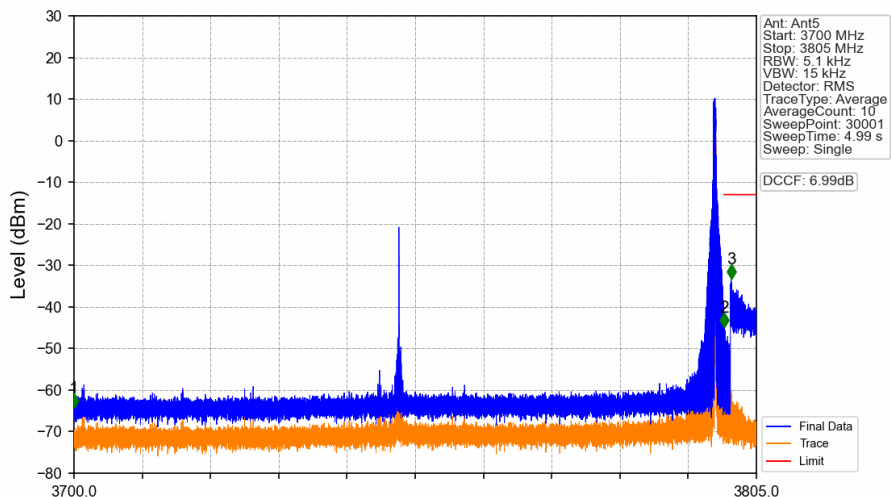


n78a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Outer\_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3700	3800	0.36	0	1	3700.000	-41.39	-13	Pass
3800	3800	0.36	0	/	/	/	/	/
3800	3801	0.36	0	2	3800.905	-39.74	-13	Pass
3801	3805	0.5	1.43	3	3803.320	-35.84	-13	Pass

n78a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Inner\_1RB\_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3700	3800	0.0051	0	1	3700.000	-64.29	-13	Pass
3800	3800	0.0051	0	/	/	/	/	/
3800	3801	0.0051	0	2	3800.026	-44.84	-13	Pass
3801	3805	0.5	19.91	3	3801.111	-33.20	-13	Pass