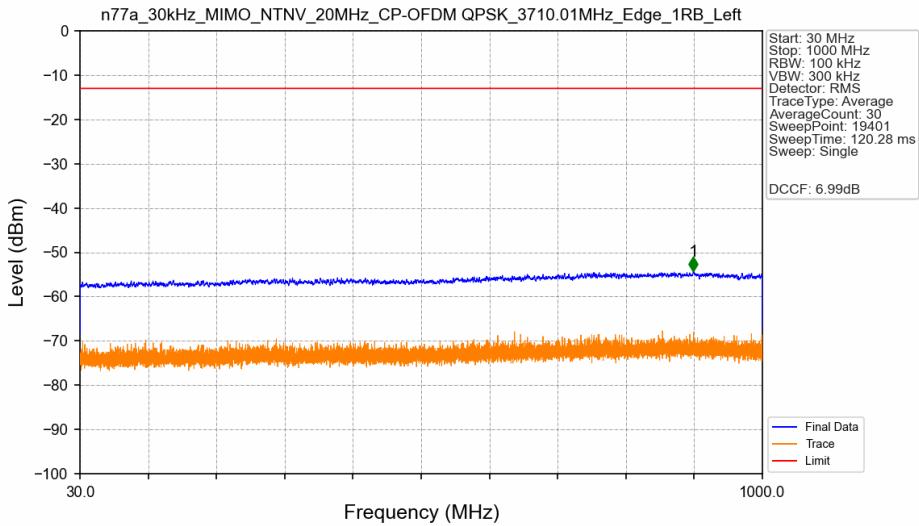
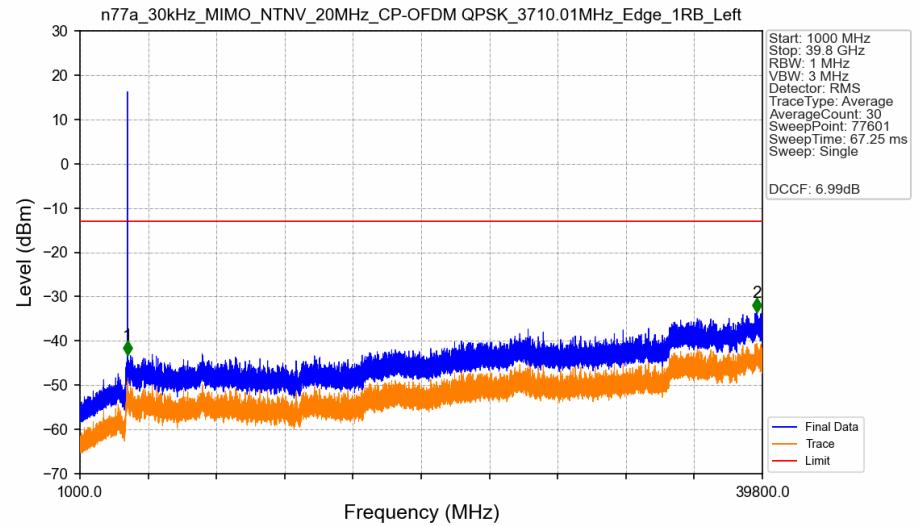


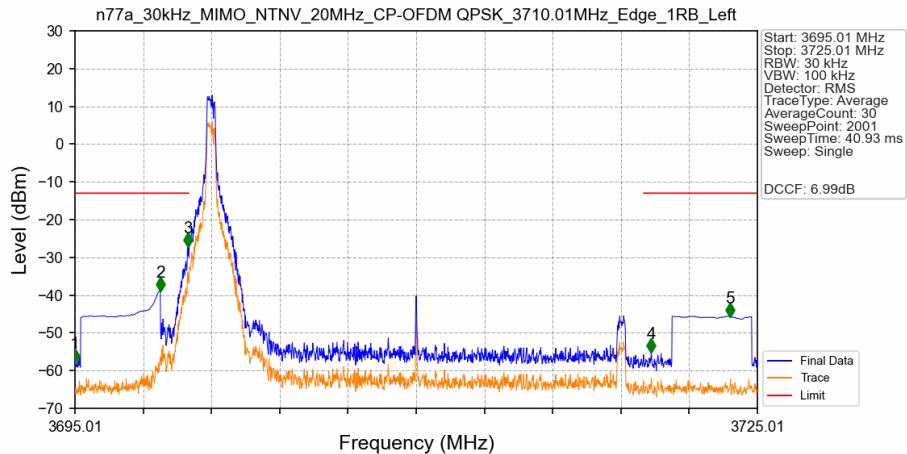
n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3710.01MHz_Edge_1RB_Left_Ant7



n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3710.01MHz_Edge_1RB_Left_Ant7

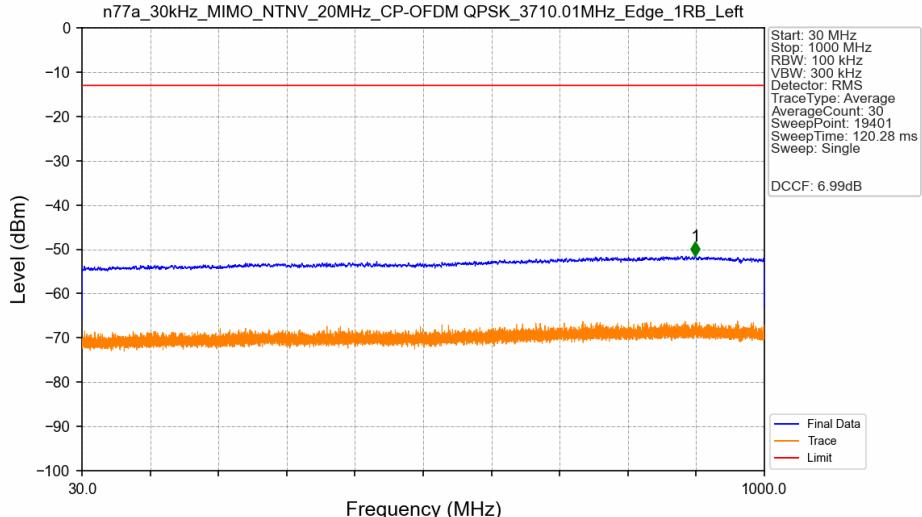


n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3710.01MHz_Edge_1RB_Left_MIMO



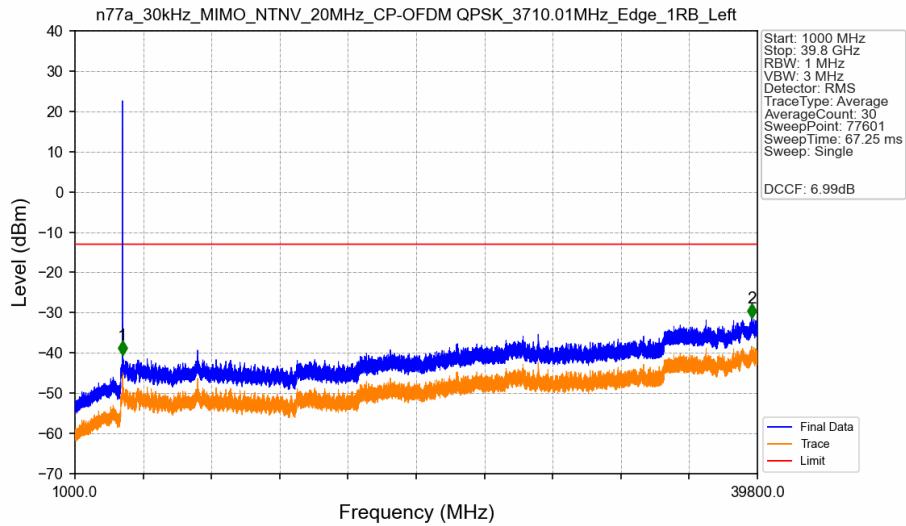
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-57.59	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.760	-38.65	-13	Pass
3699.01	3700.01	0.03	/	3	3699.960	-26.99	-13	Pass
3700.01	3720.01	0.03	/	/	/	/	/	/
3720.01	3721.01	0.03	/	4	3720.345	-54.95	-13	Pass
3721.01	3725.01	0.5	CHP	5	3723.795	-45.54	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3710.01MHz_Edge_1RB_Left_MIMO



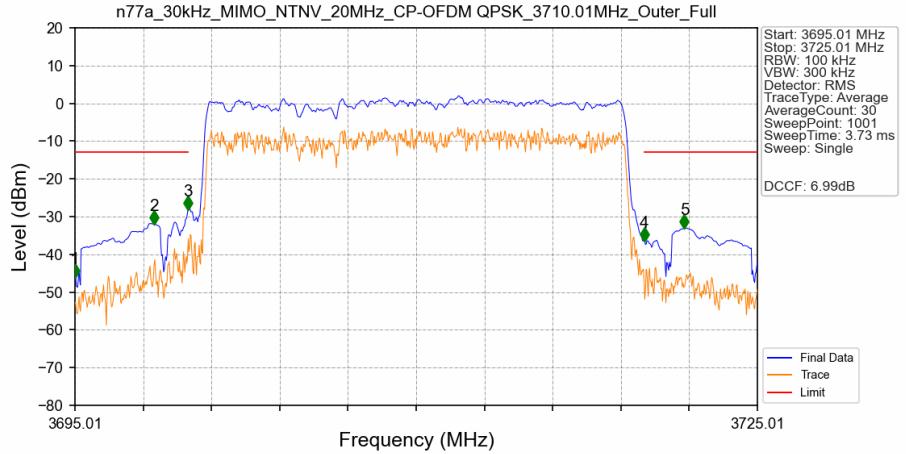
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	901.950	-51.47	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3710.01MHz_Edge_1RB_Left_MIMO



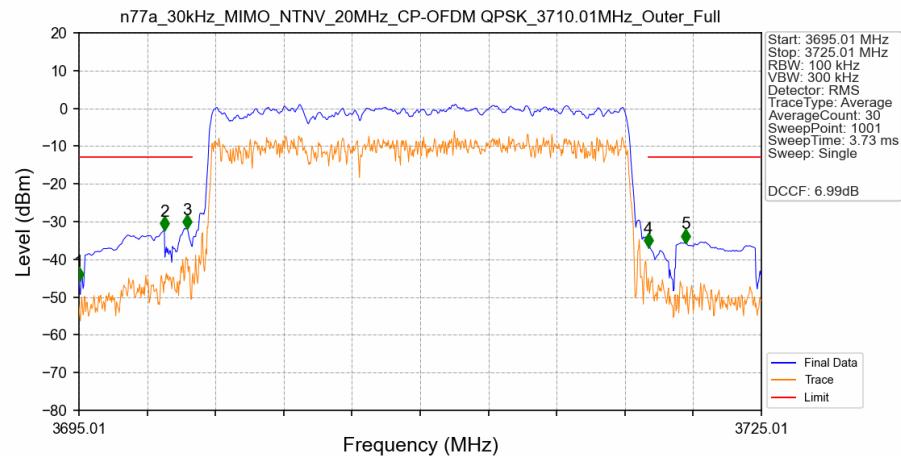
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	3693.000	-40.49	-13	Pass
3695.01	3725.01	1	/	/	/	/	/	/
3725.01	39800	1	/	2	39480.000	-31.34	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3710.01MHz_Outer_Full_Ant3



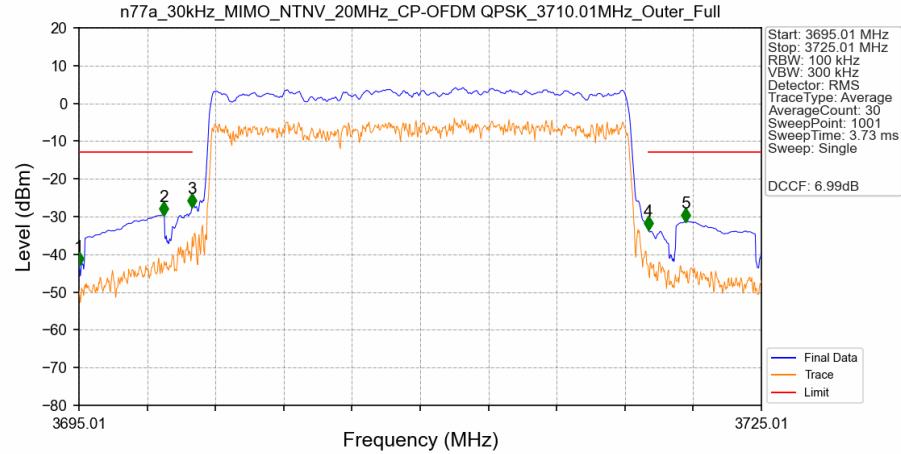
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-45.98	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.490	-31.80	-13	Pass
3699.01	3700.01	0.199	CHP	3	3699.990	-27.95	-13	Pass
3700.01	3720.01	0.199	CHP	/	/	/	/	/
3720.01	3721.01	0.199	CHP	4	3720.030	-36.26	-13	Pass
3721.01	3725.01	0.5	CHP	5	3721.800	-32.95	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3710.01MHz_Outer_Full_Ant7



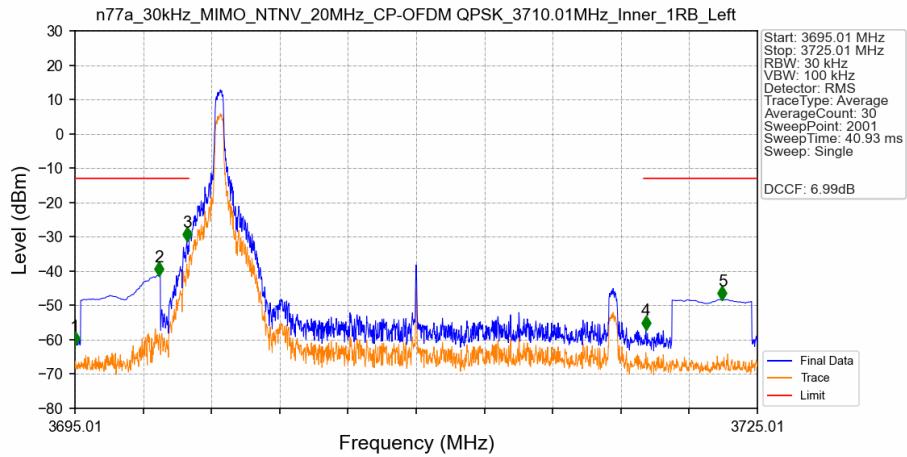
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-45.42	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.760	-32.11	-13	Pass
3699.01	3700.01	0.199	CHP	3	3699.750	-31.64	-13	Pass
3700.01	3720.01	0.199	CHP	/	/	/	/	/
3720.01	3721.01	0.199	CHP	4	3720.030	-36.46	-13	Pass
3721.01	3725.01	0.5	CHP	5	3721.680	-35.38	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3710.01MHz_Outer_Full_MIMO



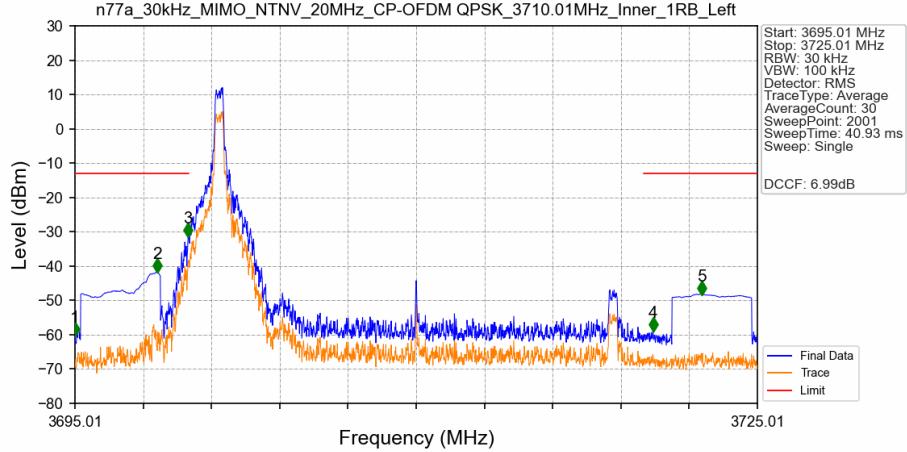
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-42.68	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.730	-29.52	-13	Pass
3699.01	3700.01	0.199	CHP	3	3699.990	-27.39	-13	Pass
3700.01	3720.01	0.199	CHP	/	/	/	/	/
3720.01	3721.01	0.199	CHP	4	3720.030	-33.35	-13	Pass
3721.01	3725.01	0.5	CHP	5	3721.680	-31.21	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3710.01MHz_Inner_1RB_Left_Ant3



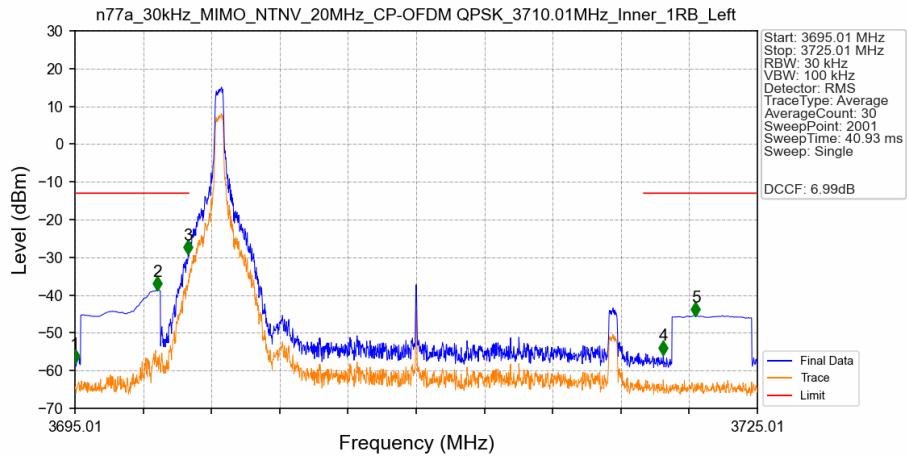
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-61.39	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.715	-41.06	-13	Pass
3699.01	3700.01	0.03	/	3	3699.930	-30.94	-13	Pass
3700.01	3720.01	0.03	/	/	/	/	/	/
3720.01	3721.01	0.03	/	4	3720.105	-56.74	-13	Pass
3721.01	3725.01	0.5	CHP	5	3723.465	-48.10	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3710.01MHz_Inner_1RB_Left_Ant7



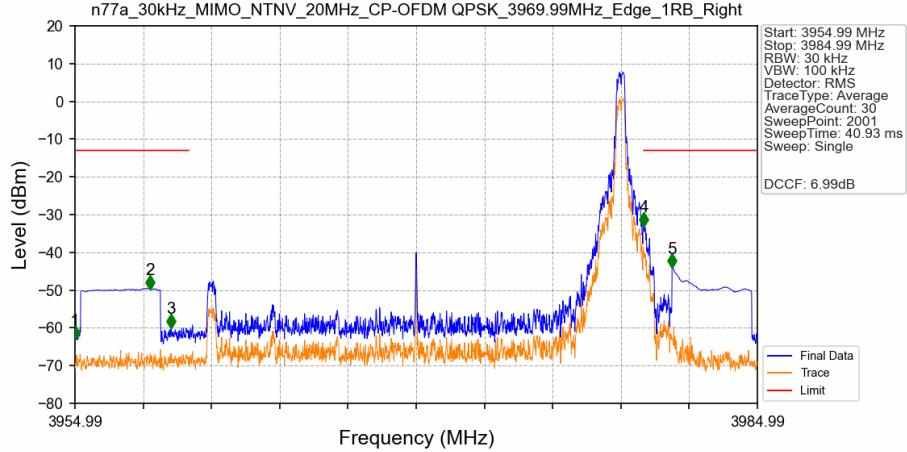
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-60.22	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.640	-41.53	-13	Pass
3699.01	3700.01	0.03	/	3	3699.990	-31.30	-13	Pass
3700.01	3720.01	0.03	/	/	/	/	/	/
3720.01	3721.01	0.03	/	4	3720.420	-58.76	-13	Pass
3721.01	3725.01	0.5	CHP	5	3722.550	-48.16	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3710.01MHz_Inner_1RB_Left_MIMO



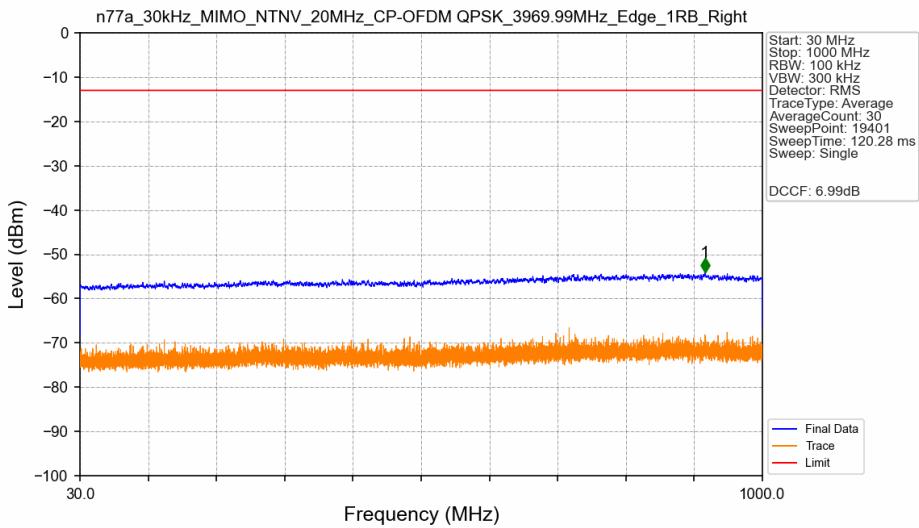
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-57.75	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.640	-38.44	-13	Pass
3699.01	3700.01	0.03	/	3	3699.990	-28.89	-13	Pass
3700.01	3720.01	0.03	/	/	/	/	/	/
3720.01	3721.01	0.03	/	4	3720.870	-55.47	-13	Pass
3721.01	3725.01	0.5	CHP	5	3722.295	-45.40	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3969.99MHz_Edge_1RB_Right_Ant3

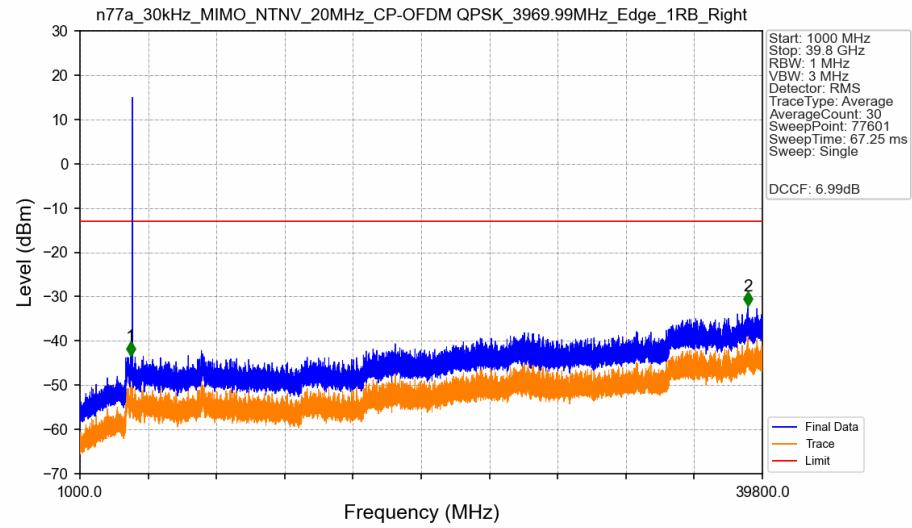


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3954.99	3954.99	0.5	/	1	3954.990	-62.75	-13	Pass
3954.99	3958.99	0.5	CHP	2	3958.305	-49.46	-13	Pass
3958.99	3959.99	0.03	/	3	3959.205	-59.74	-13	Pass
3959.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	4	3979.995	-32.81	-13	Pass
3980.99	3984.99	0.5	CHP	5	3981.240	-43.73	-13	Pass

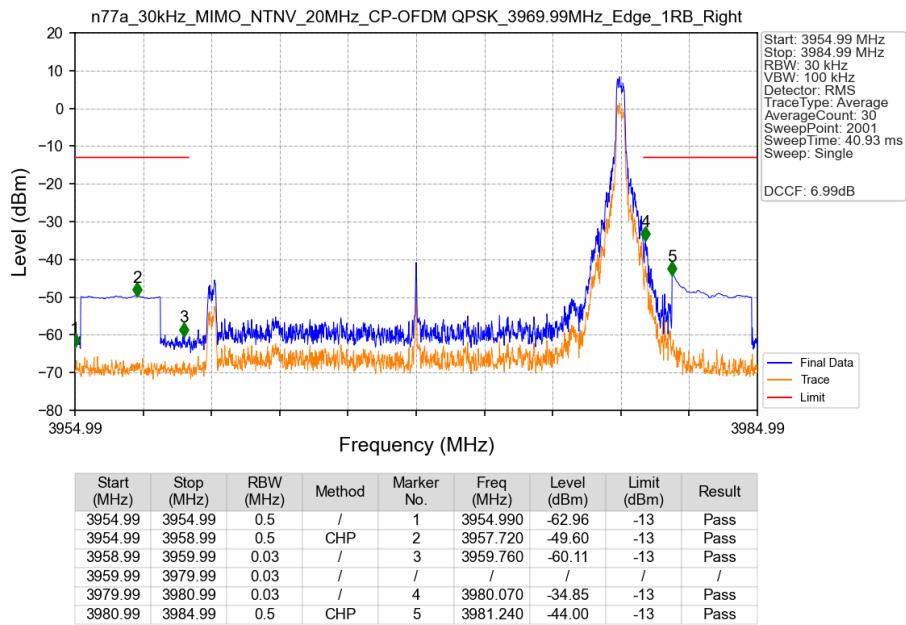
n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3969.99MHz_Edge_1RB_Right_Ant3



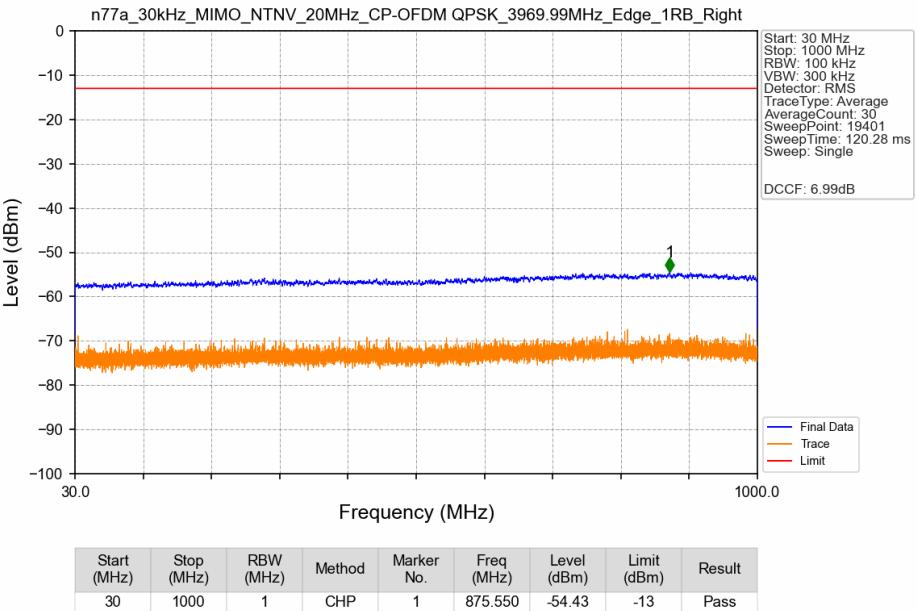
n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3969.99MHz_Edge_1RB_Right_Ant3



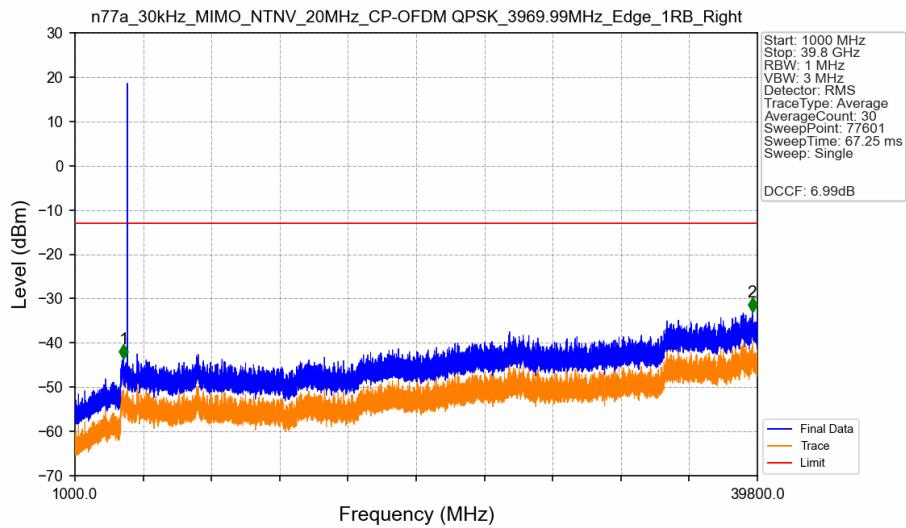
n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3969.99MHz_Edge_1RB_Right_Ant7



n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3969.99MHz_Edge_1RB_Right_Ant7

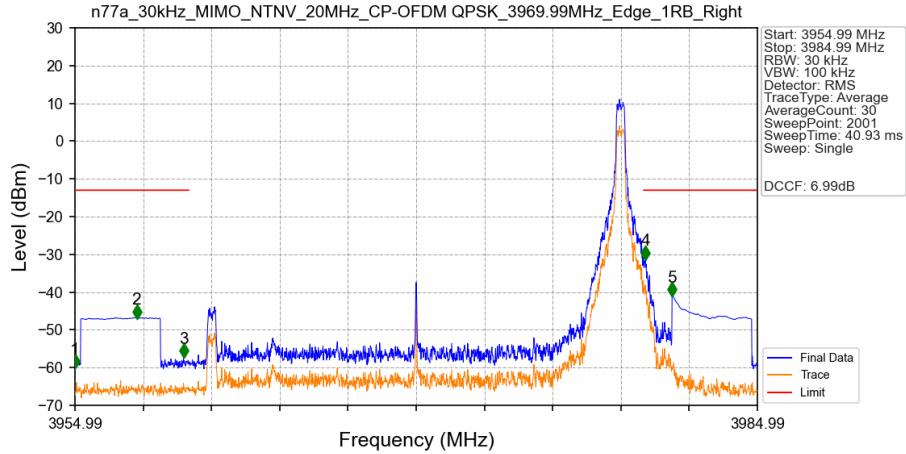


n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3969.99MHz_Edge_1RB_Right_Ant7



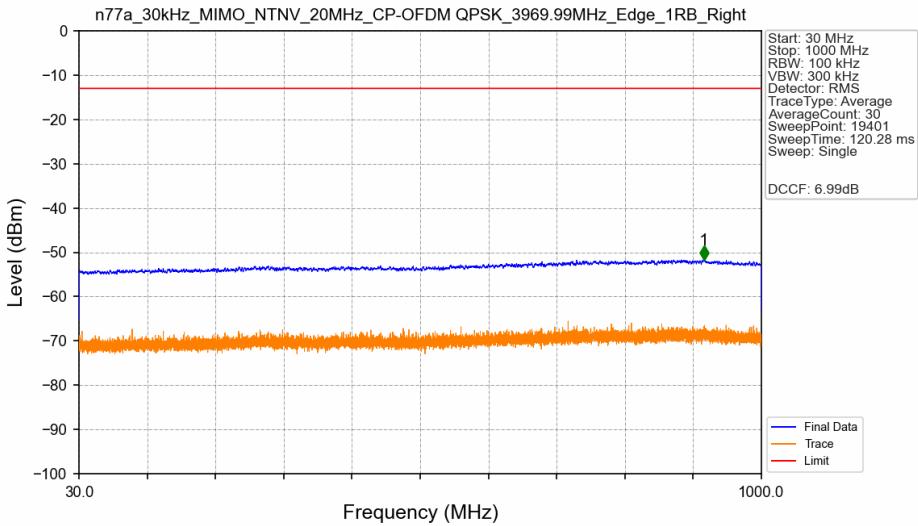
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3954.99	1	/	1	3763.500	-43.54	-13	Pass
3954.99	3984.99	1	/	/	/	/	/	/
3984.99	39800	1	/	2	3951.000	-33.03	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3969.99MHz_Edge_1RB_Right_MIMO



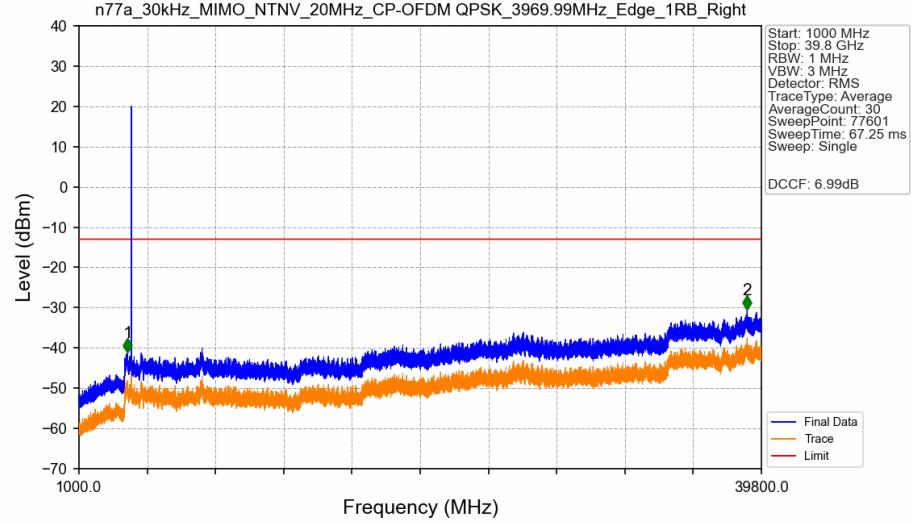
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3954.99	3954.99	0.5	/	1	3954.990	-59.84	-13	Pass
3954.99	3958.99	0.5	CHP	2	3957.705	-46.74	-13	Pass
3958.99	3959.99	0.03	/	3	3959.760	-57.11	-13	Pass
3959.99	3979.99	0.03	/	4	3980.070	-31.11	-13	Pass
3979.99	3980.99	0.03	/	5	3981.240	-40.86	-13	Pass
3980.99	3984.99	0.5	CHP					

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3969.99MHz_Edge_1RB_Right_MIMO



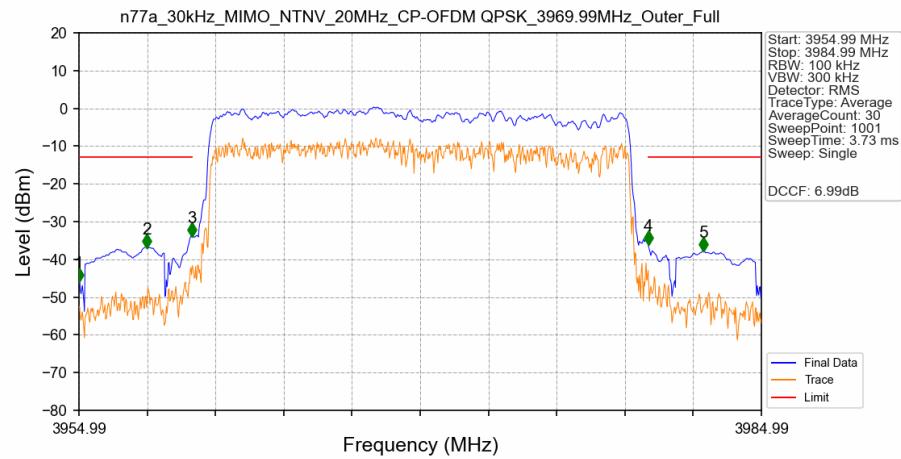
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	918.600	-51.64	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3969.99MHz_Edge_1RB_Right_MIMO



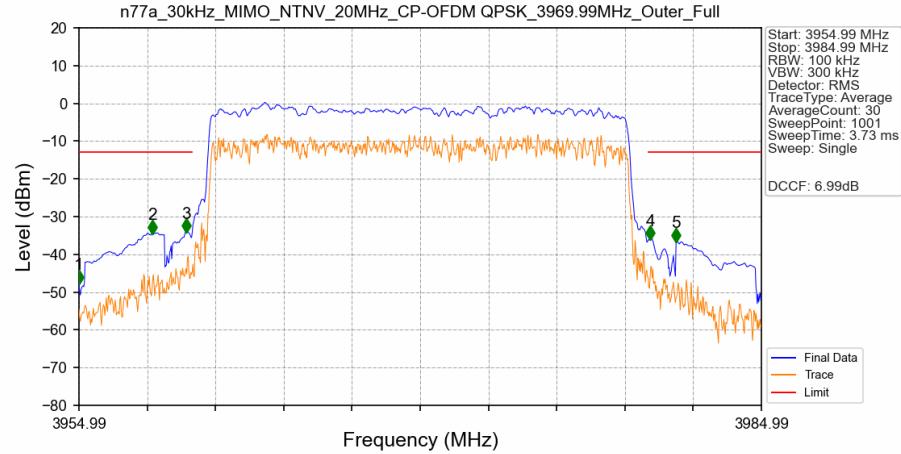
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3954.99	1	/	1	3763.500	-41.02	-13	Pass
3954.99	3984.99	1	/	/	/	/	/	/
3984.99	39800	1	/	2	38985.500	-30.56	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3969.99MHz_Outer_Full_Ant3



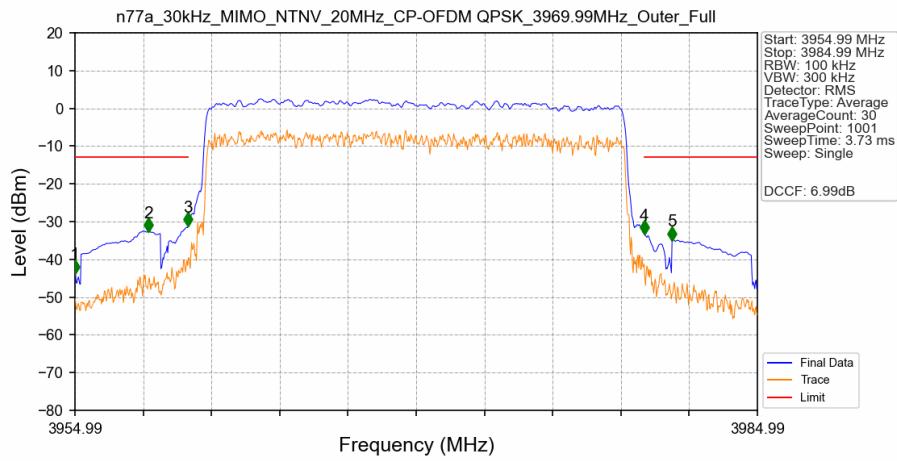
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3954.99	3954.99	0.5	/	1	3954.990	-45.66	-13	Pass
3954.99	3958.99	0.5	CHP	2	3957.960	-36.73	-13	Pass
3958.99	3959.99	0.19698	CHP	3	3959.940	-33.81	-13	Pass
3959.99	3979.99	0.19698	CHP	/	/	/	/	/
3979.99	3980.99	0.19698	CHP	4	3980.010	-35.90	-13	Pass
3980.99	3984.99	0.5	CHP	5	3982.440	-37.61	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3969.99MHz_Outer_Full_Ant7

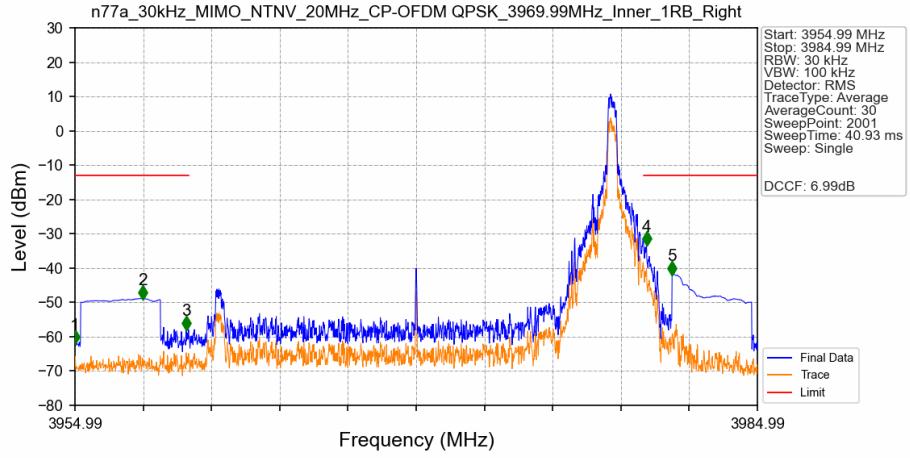


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3954.99	3954.99	0.5	/	1	3954.990	-47.50	-13	Pass
3954.99	3958.99	0.5	CHP	2	3958.230	-34.30	-13	Pass
3958.99	3959.99	0.19698	CHP	3	3959.700	-33.92	-13	Pass
3959.99	3979.99	0.19698	CHP	/	/	/	/	/
3979.99	3980.99	0.19698	CHP	4	3980.100	-35.90	-13	Pass
3980.99	3984.99	0.5	CHP	5	3981.240	-36.40	-13	Pass

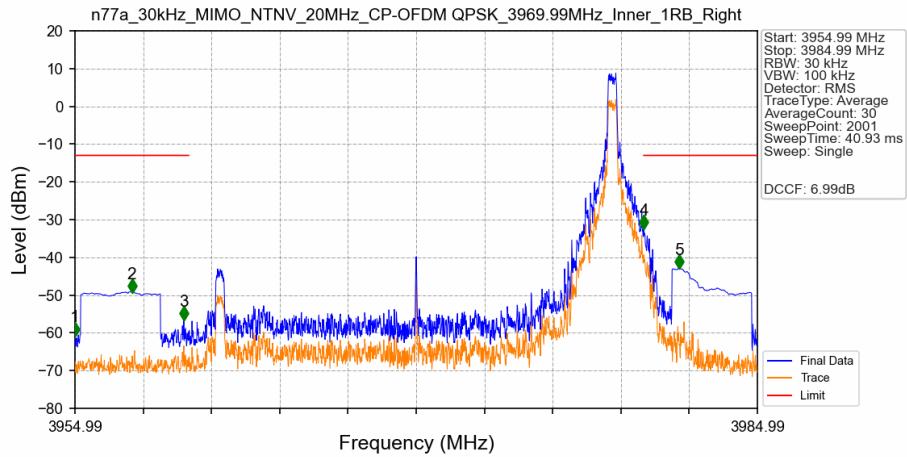
n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3969.99MHz_Outer_Full_MIMO



n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3969.99MHz_Inner_1RB_Right_Ant3

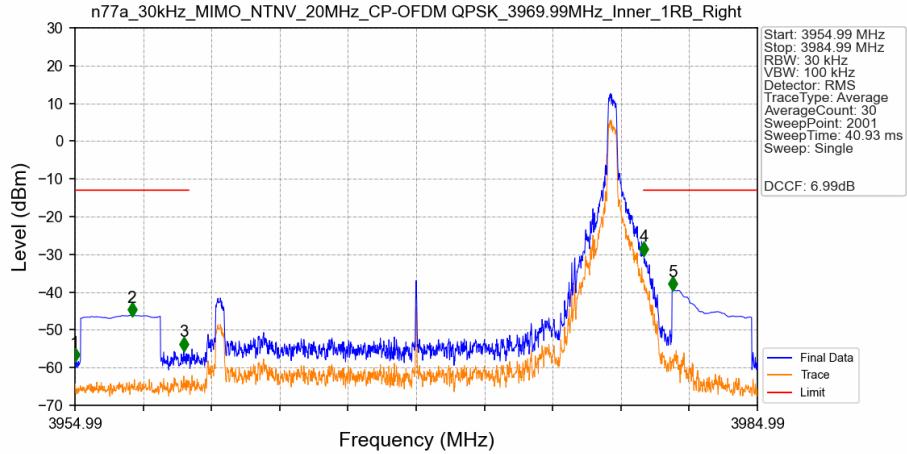


n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3969.99MHz_Inner_1RB_Right_Ant7



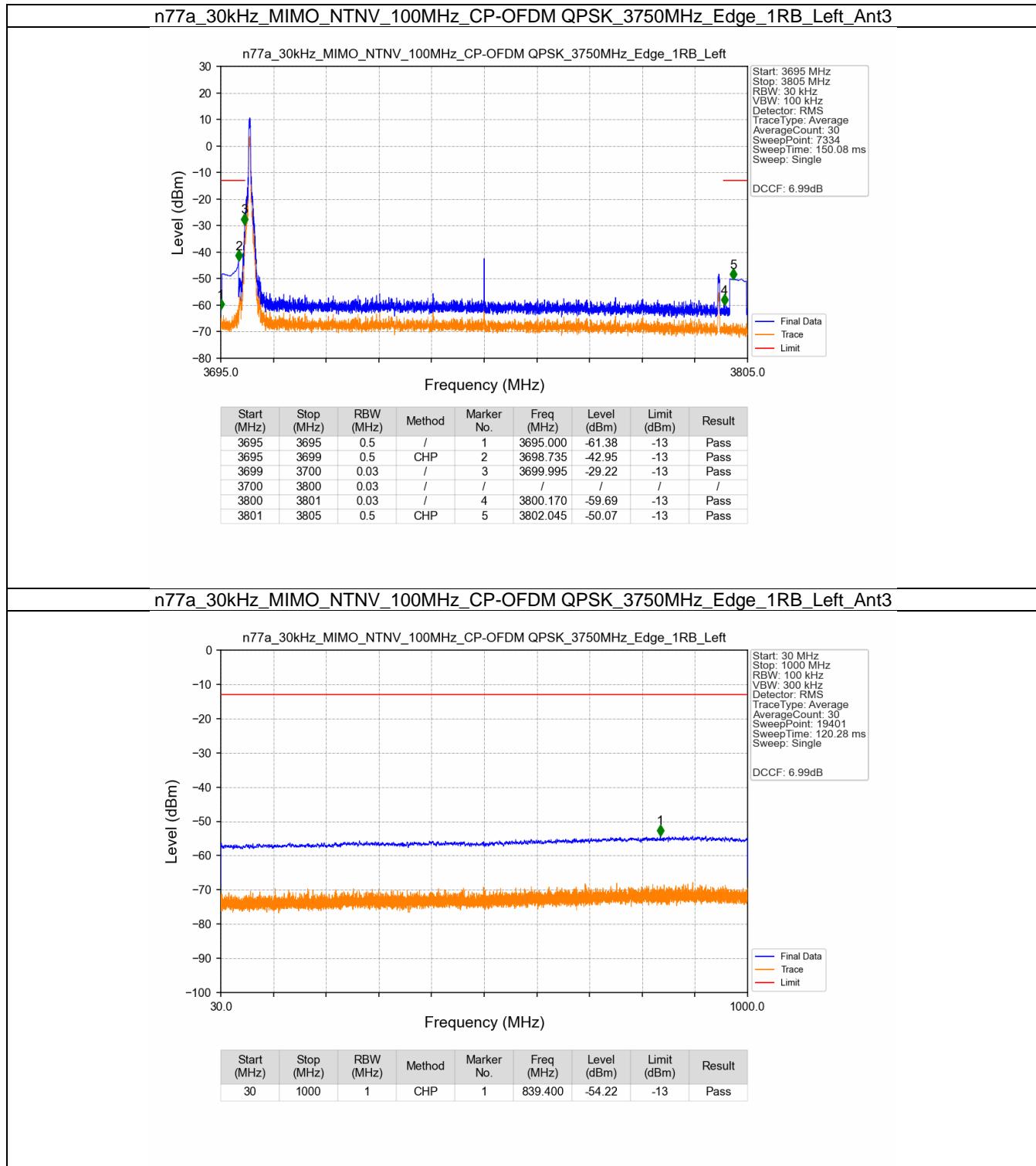
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3954.99	3954.99	0.5	/	1	3954.990	-60.56	-13	Pass
3954.99	3958.99	0.5	CHP	2	3957.495	-49.12	-13	Pass
3958.99	3959.99	0.03	/	3	3959.775	-56.46	-13	Pass
3959.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	4	3979.995	-32.27	-13	Pass
3980.99	3984.99	0.5	CHP	5	3981.540	-42.67	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3969.99MHz_Inner_1RB_Right_MIMO

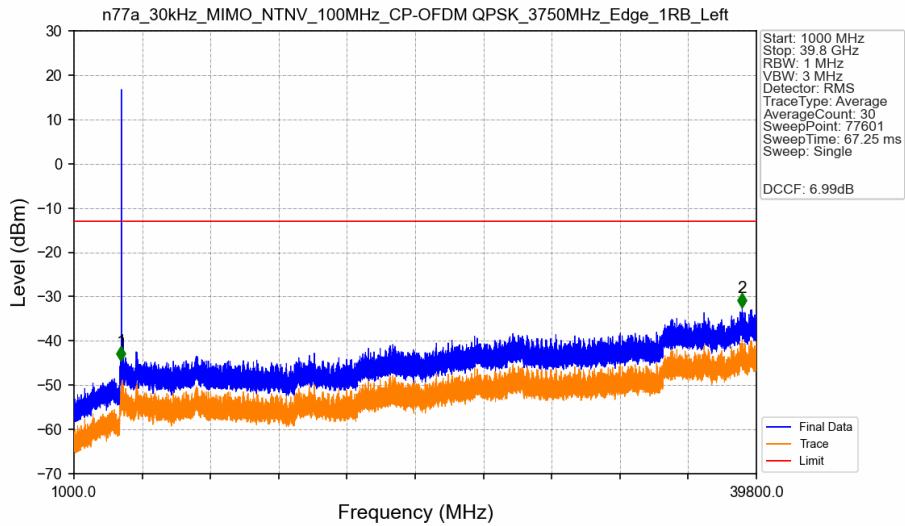


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3954.99	3954.99	0.5	/	1	3954.990	-58.10	-13	Pass
3954.99	3958.99	0.5	CHP	2	3957.495	-46.14	-13	Pass
3958.99	3959.99	0.03	/	3	3959.775	-55.24	-13	Pass
3959.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	4	3979.995	-30.04	-13	Pass
3980.99	3984.99	0.5	CHP	5	3981.270	-39.36	-13	Pass

5.2.8 30k_MIMO_100MHz_NTNV

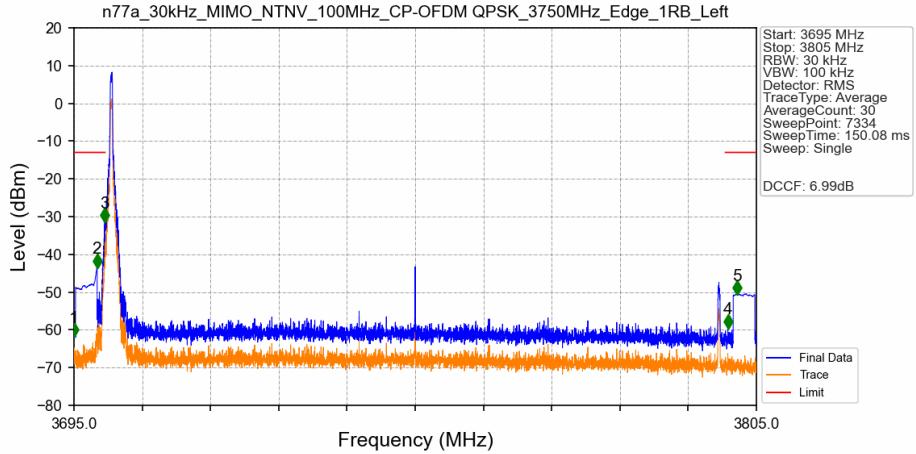


n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3750MHz_Edge_1RB_Left_Ant3



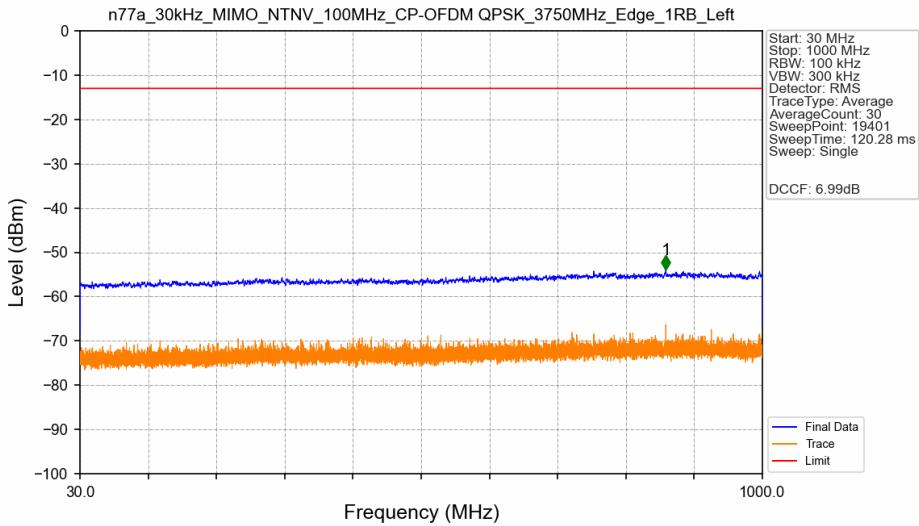
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3668.500	-44.37	-13	Pass
3695	3805	1	/	/	/	/	/	/
3805	39800	1	/	2	38993.500	-32.45	-13	Pass

n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3750MHz_Edge_1RB_Left_Ant7



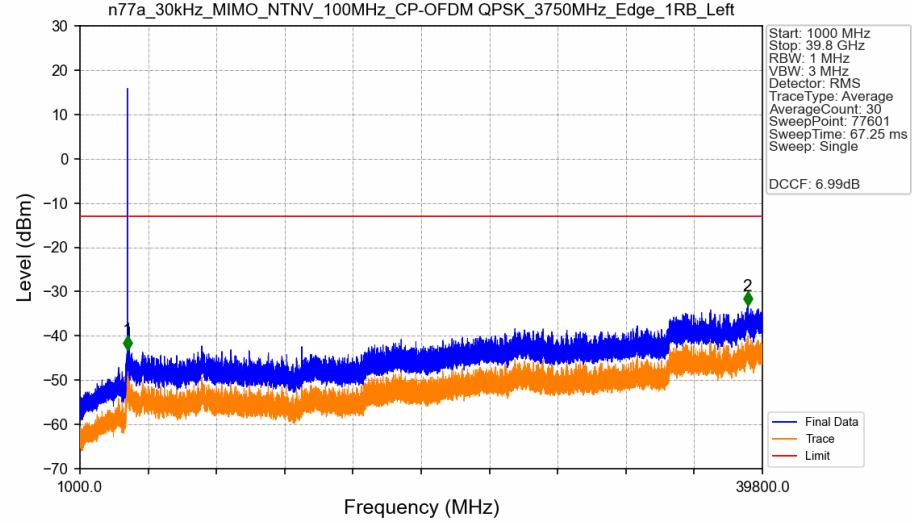
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-61.55	-13	Pass
3695	3699	0.5	CHP	2	3698.720	-43.23	-13	Pass
3699	3700	0.03	/	3	3699.965	-31.12	-13	Pass
3700	3800	0.03	/	/	/	/	/	/
3800	3801	0.03	/	4	3800.395	-59.26	-13	Pass
3801	3805	0.5	CHP	5	3801.880	-50.37	-13	Pass

n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3750MHz_Edge_1RB_Left_Ant7



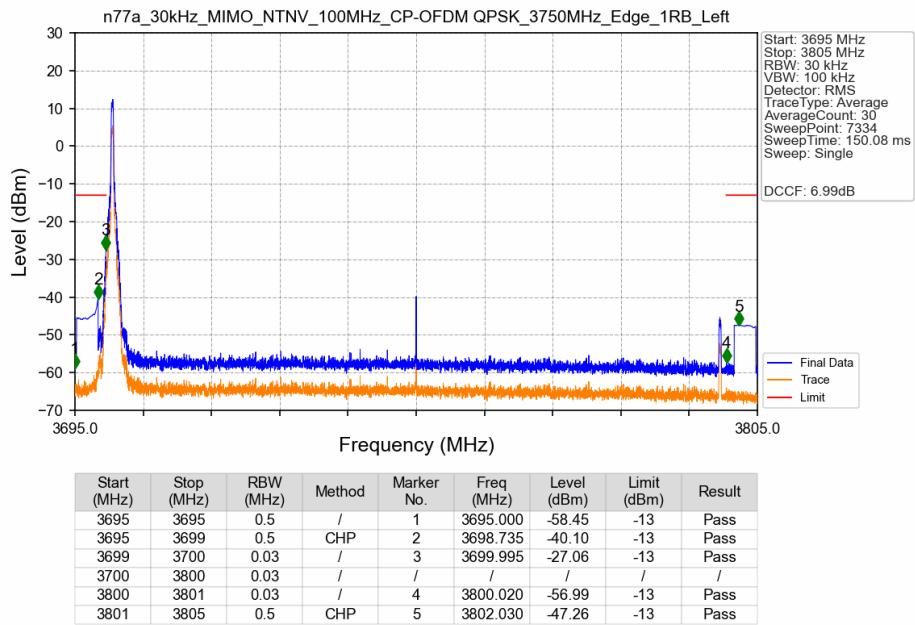
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	862.600	-53.89	-13	Pass

n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3750MHz_Edge_1RB_Left_Ant7

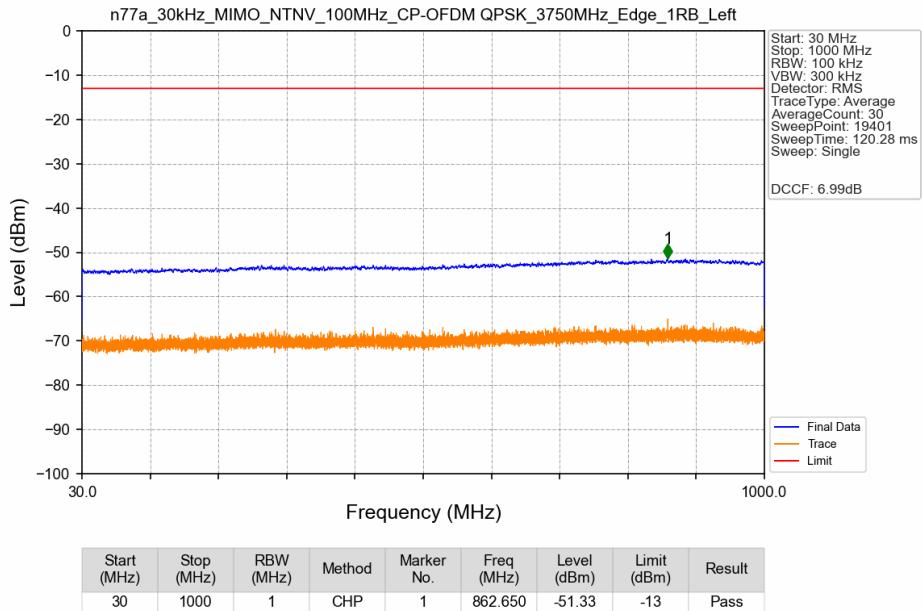


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3693.500	-43.08	-13	Pass
3695	3805	1	/	/	/	/	/	/
3805	39800	1	/	2	38952.000	-33.08	-13	Pass

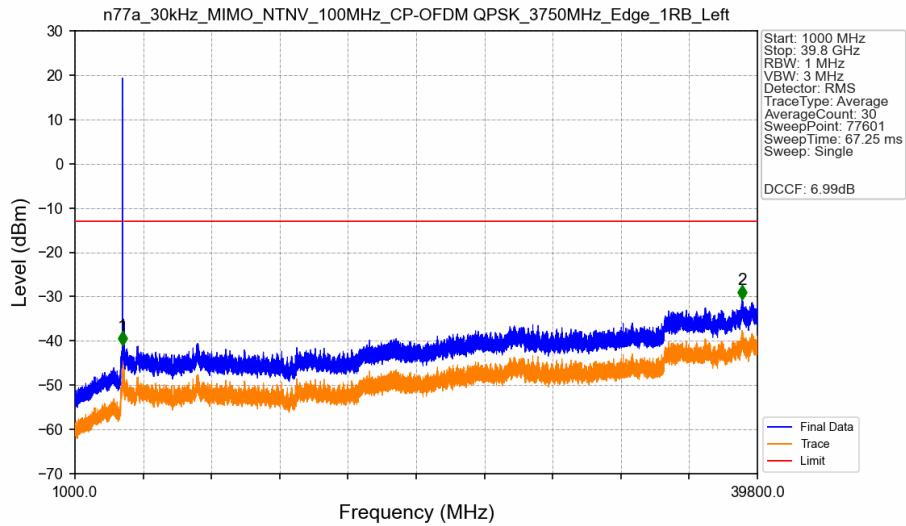
n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3750MHz_Edge_1RB_Left_MIMO



n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3750MHz_Edge_1RB_Left_MIMO

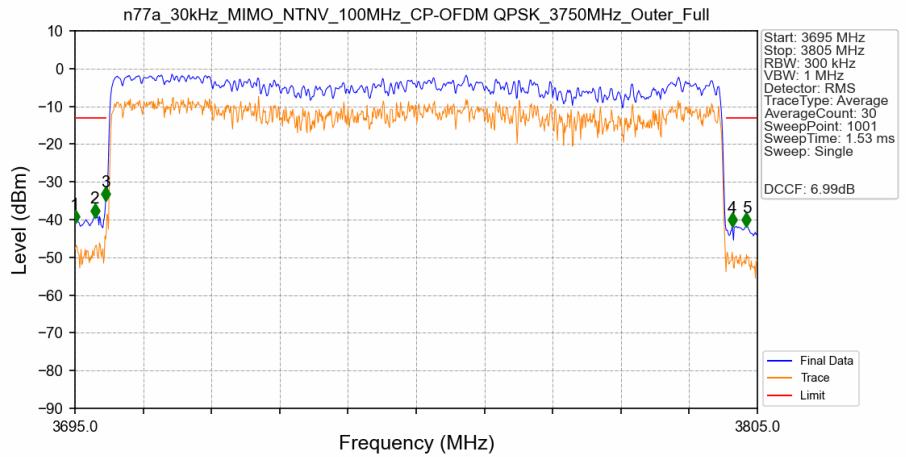


n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3750MHz_Edge_1RB_Left_MIMO



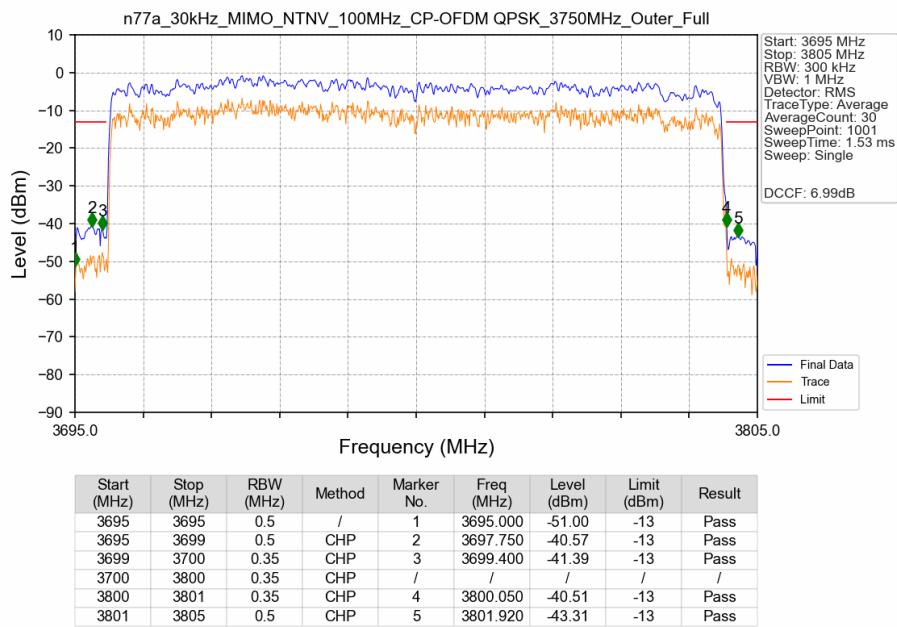
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3693.500	-40.94	-13	Pass
3695	3805	1	/	/	/	/	/	/
3805	39800	1	/	2	38931.500	-30.66	-13	Pass

n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3750MHz_Outer_Full_Ant3

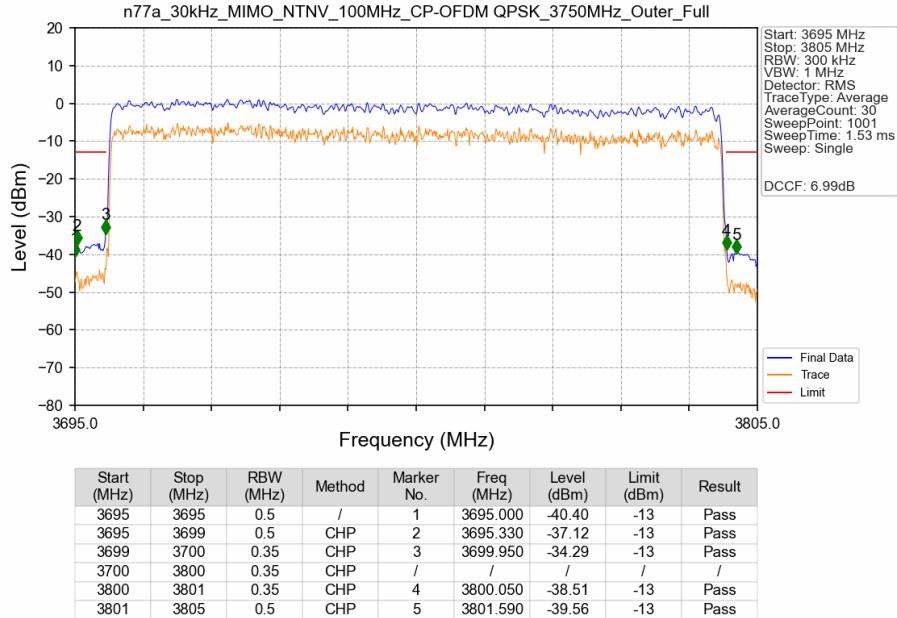


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-40.80	-13	Pass
3695	3699	0.5	CHP	2	3698.190	-39.14	-13	Pass
3699	3700	0.35	CHP	3	3699.950	-34.82	-13	Pass
3700	3800	0.35	CHP	/	/	/	/	/
3800	3801	0.35	CHP	4	3800.930	-41.61	-13	Pass
3801	3805	0.5	CHP	5	3803.240	-41.67	-13	Pass

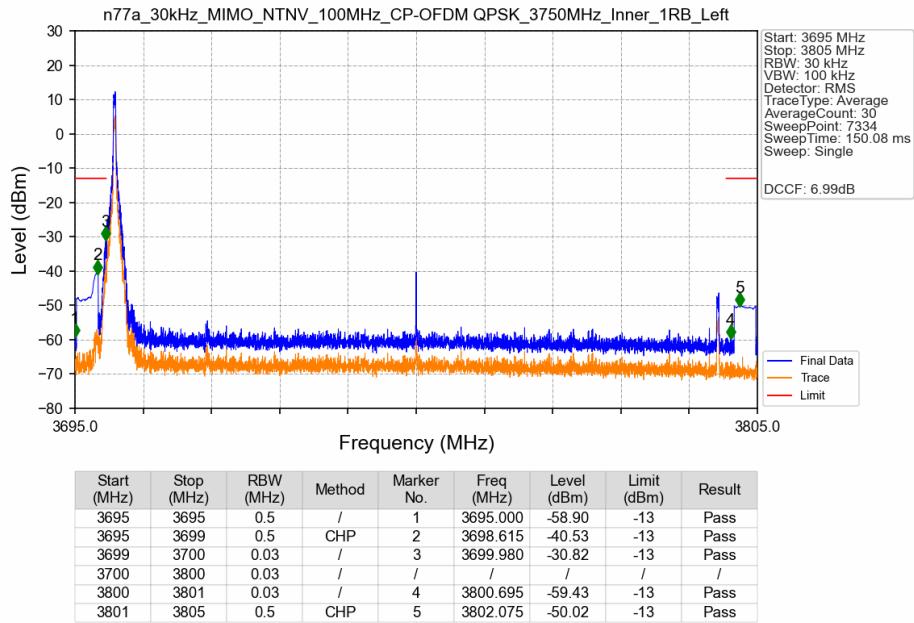
n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3750MHz_Outer_Full_Ant7



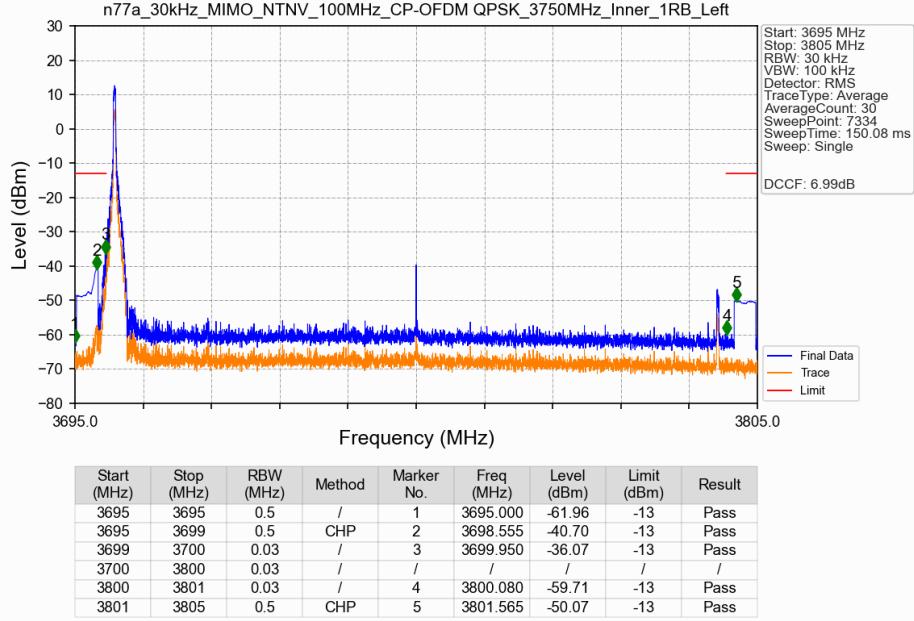
n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3750MHz_Outer_Full_MIMO



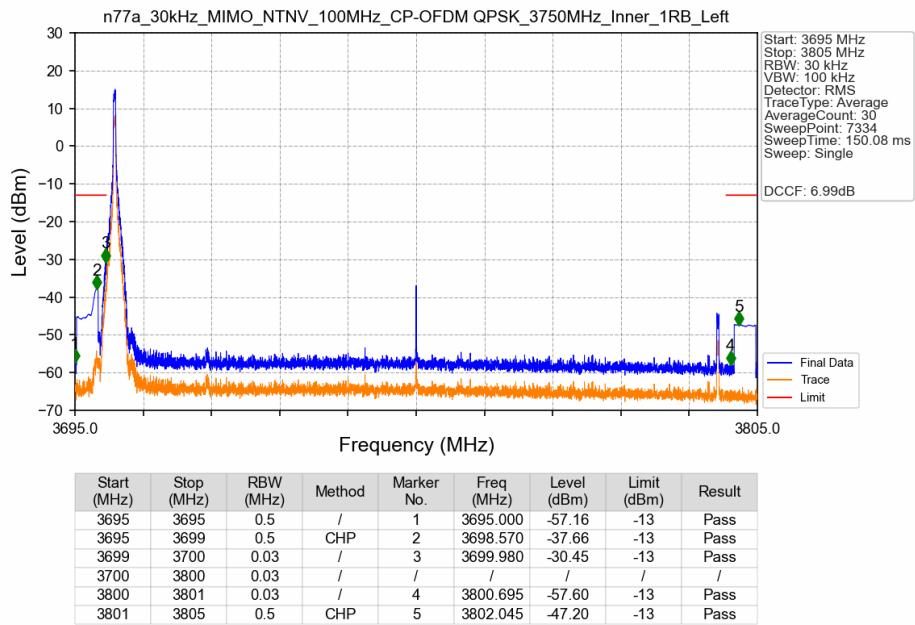
n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3750MHz_Inner_1RB_Left_Ant3



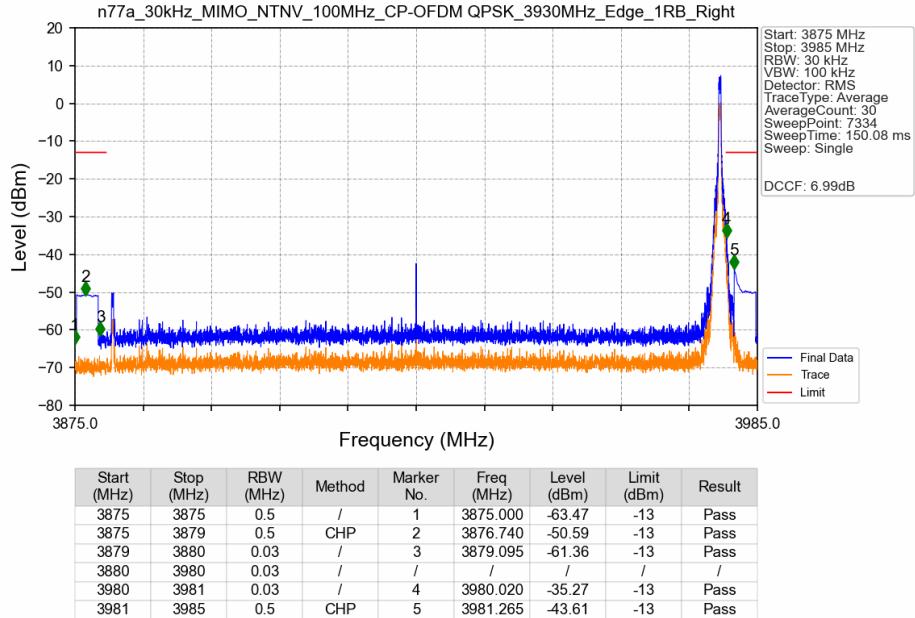
n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3750MHz_Inner_1RB_Left_Ant7



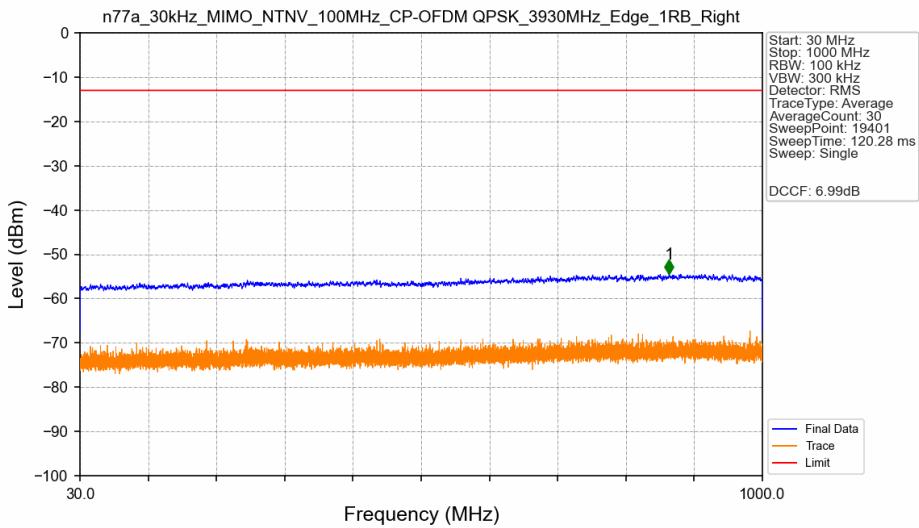
n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3750MHz_Inner_1RB_Left_MIMO



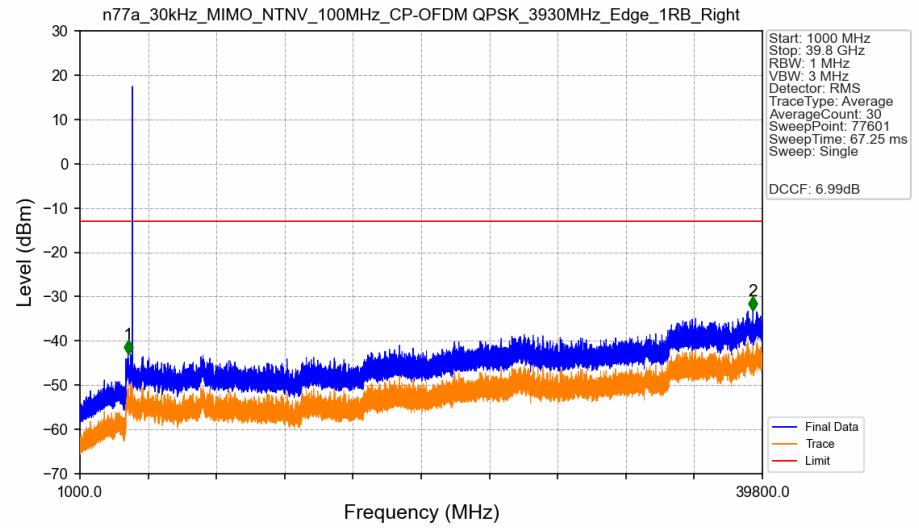
n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3930MHz_Edge_1RB_Right_Ant3



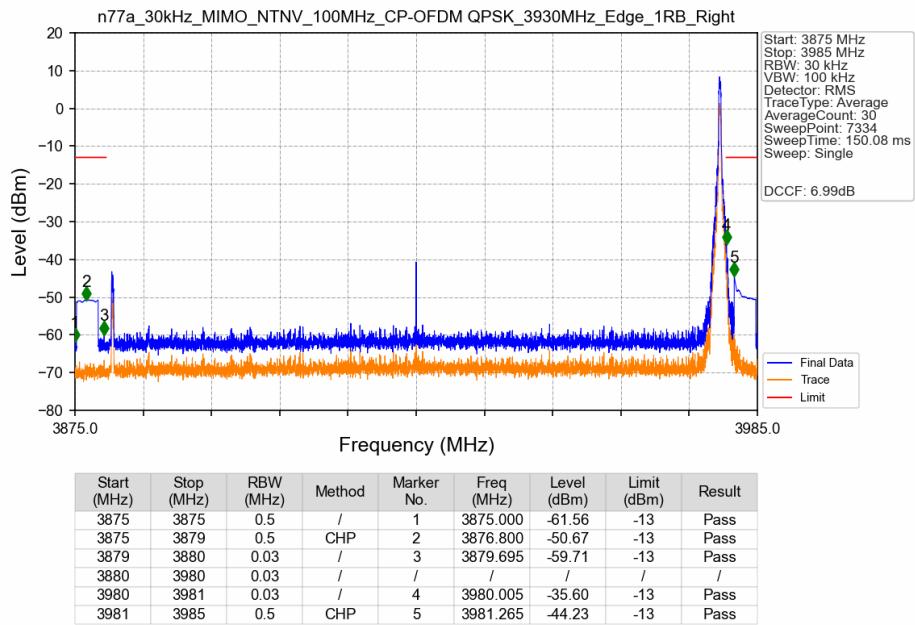
n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3930MHz_Edge_1RB_Right_Ant3



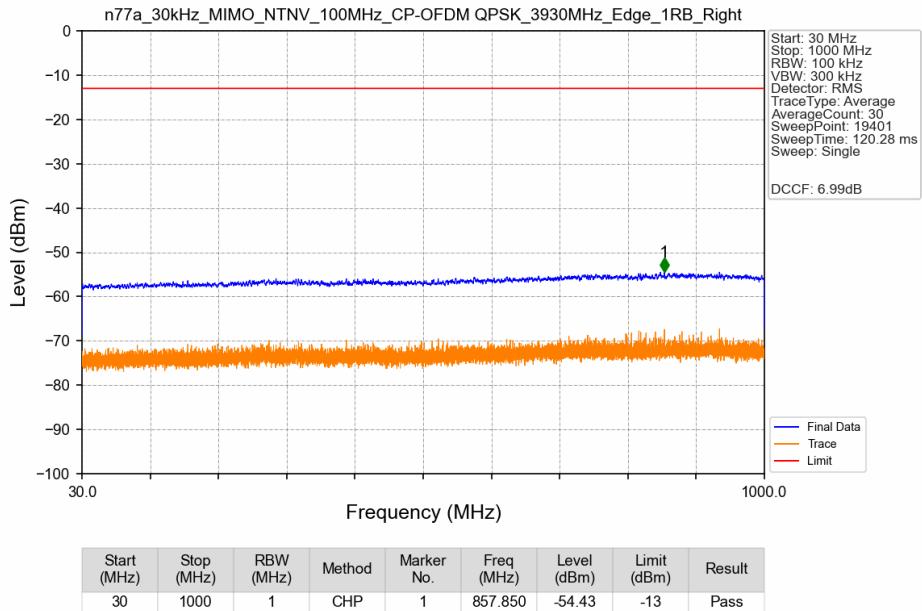
n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3930MHz_Edge_1RB_Right_Ant3



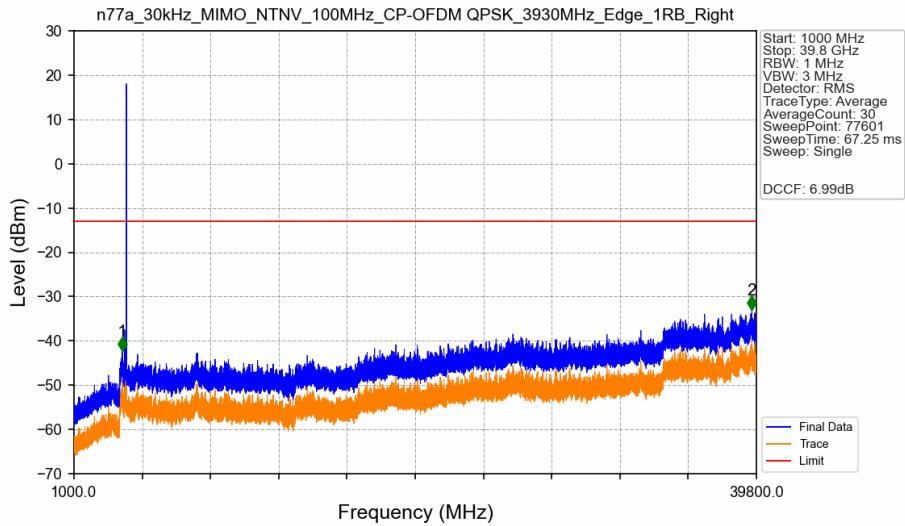
n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3930MHz_Edge_1RB_Right_Ant7



n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3930MHz_Edge_1RB_Right_Ant7

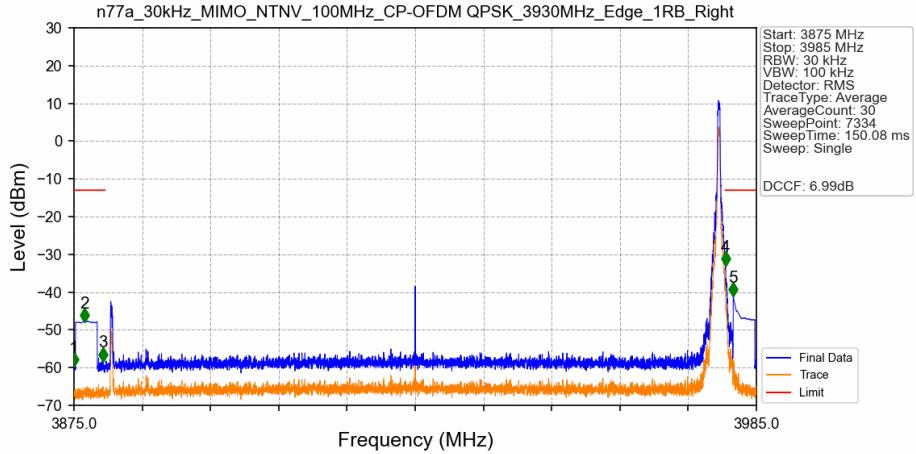


n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3930MHz_Edge_1RB_Right_Ant7



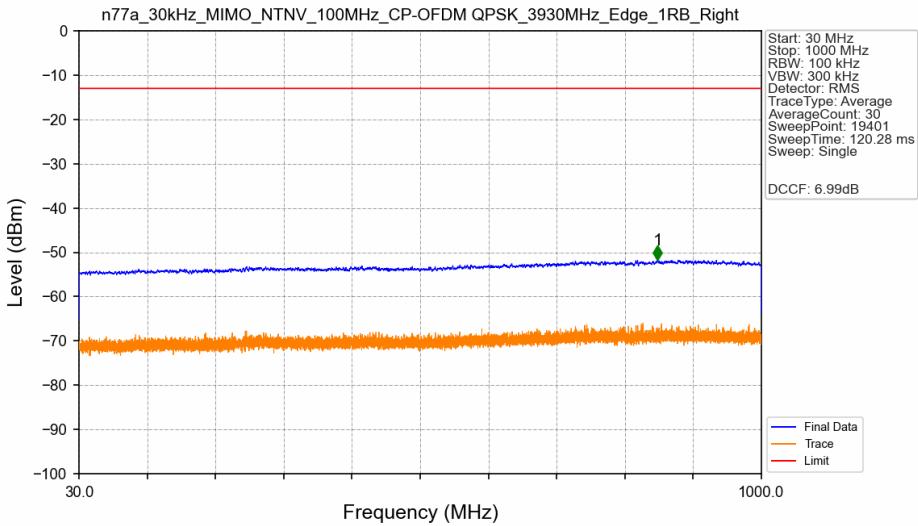
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3875	1	/	1	3752.000	-42.29	-13	Pass
3875	3985	1	/	/	/	/	/	/
3985	39800	1	/	2	39544.500	-32.98	-13	Pass

n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3930MHz_Edge_1RB_Right_MIMO

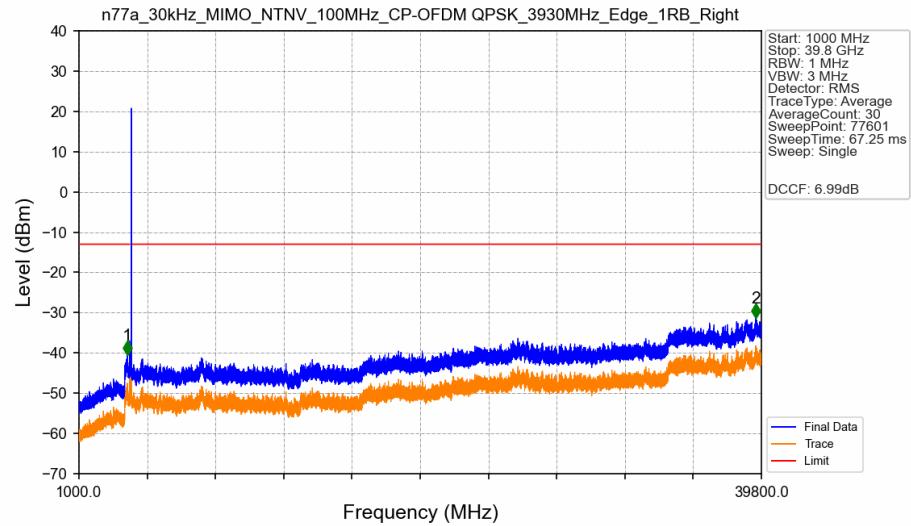


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3875	0.5	/	1	3875.000	-59.40	-13	Pass
3875	3879	0.5	CHP	2	3876.740	-47.63	-13	Pass
3879	3880	0.03	/	3	3879.695	-58.04	-13	Pass
3880	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	4	3980.020	-32.77	-13	Pass
3981	3985	0.5	CHP	5	3981.265	-40.90	-13	Pass

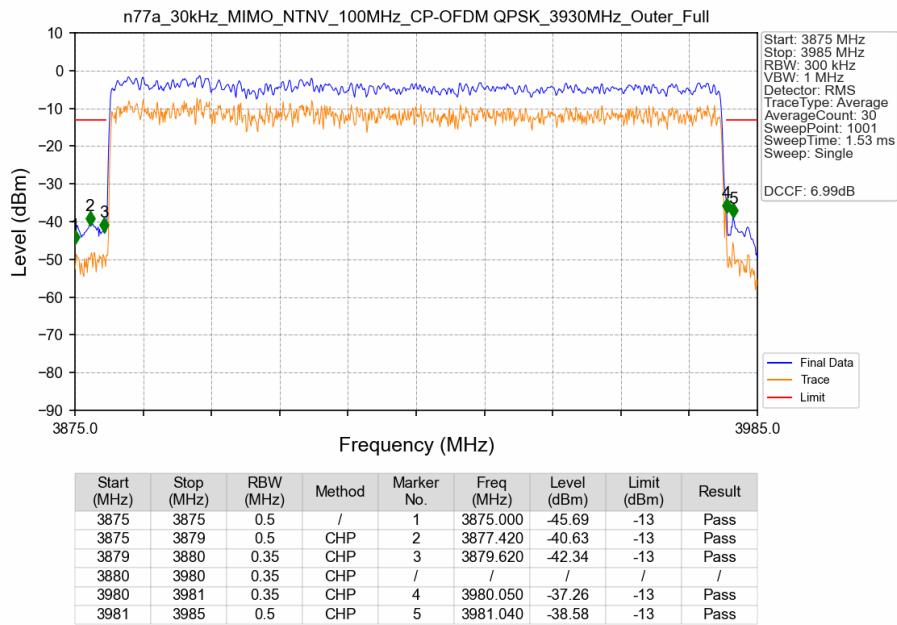
n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3930MHz_Edge_1RB_Right_MIMO



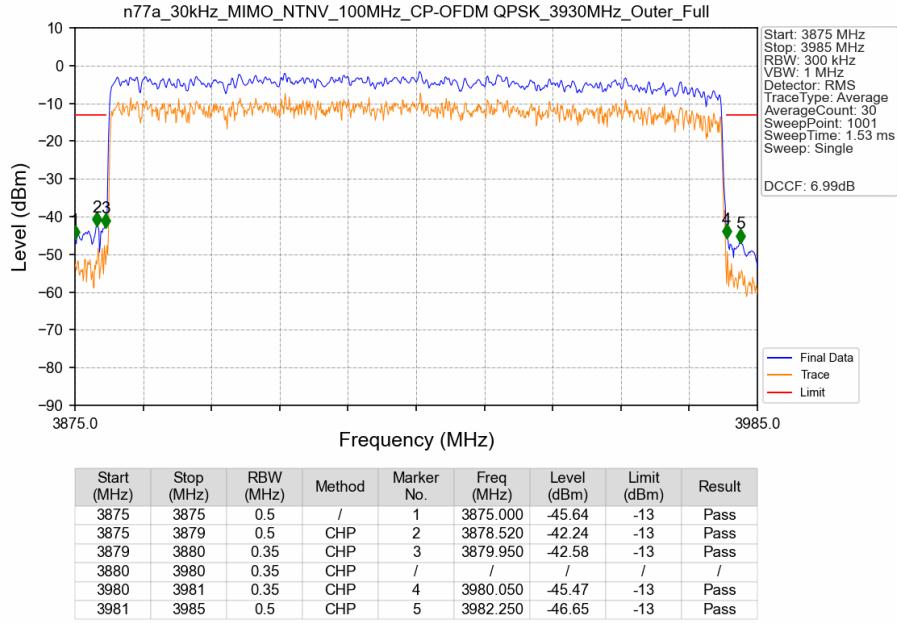
n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3930MHz_Edge_1RB_Right_MIMO



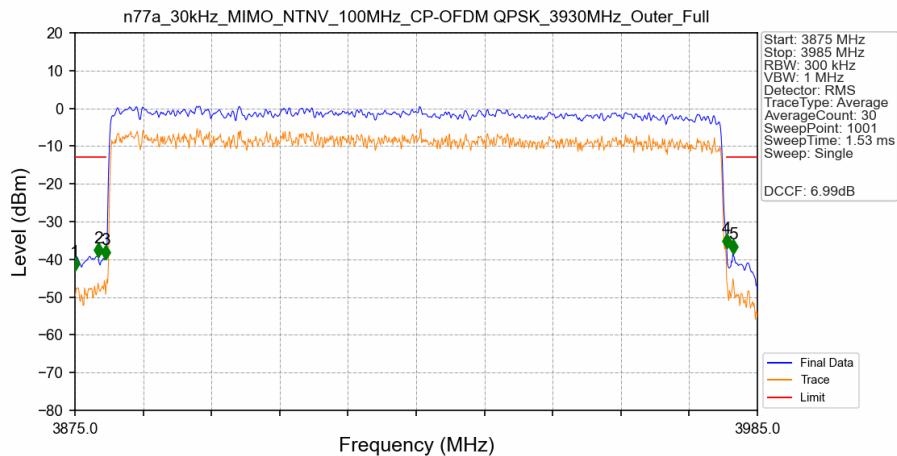
n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3930MHz_Outer_Full_Ant3



n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3930MHz_Outer_Full_Ant7

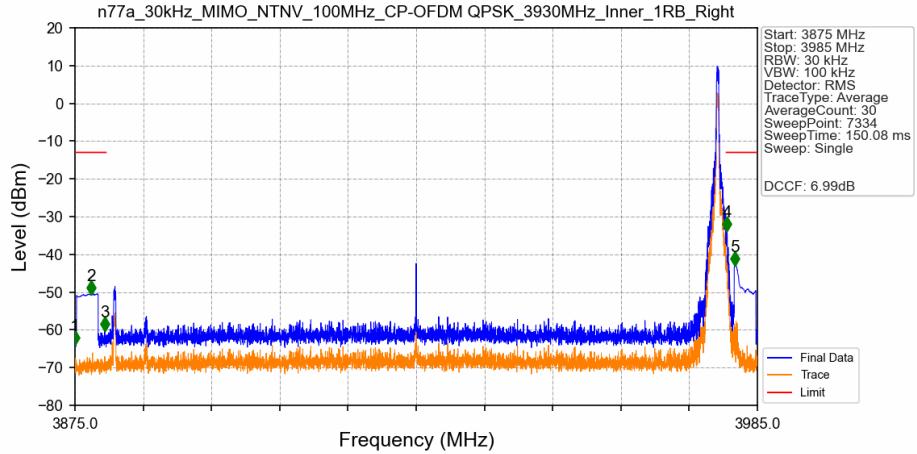


n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3930MHz_Outer_Full_MIMO



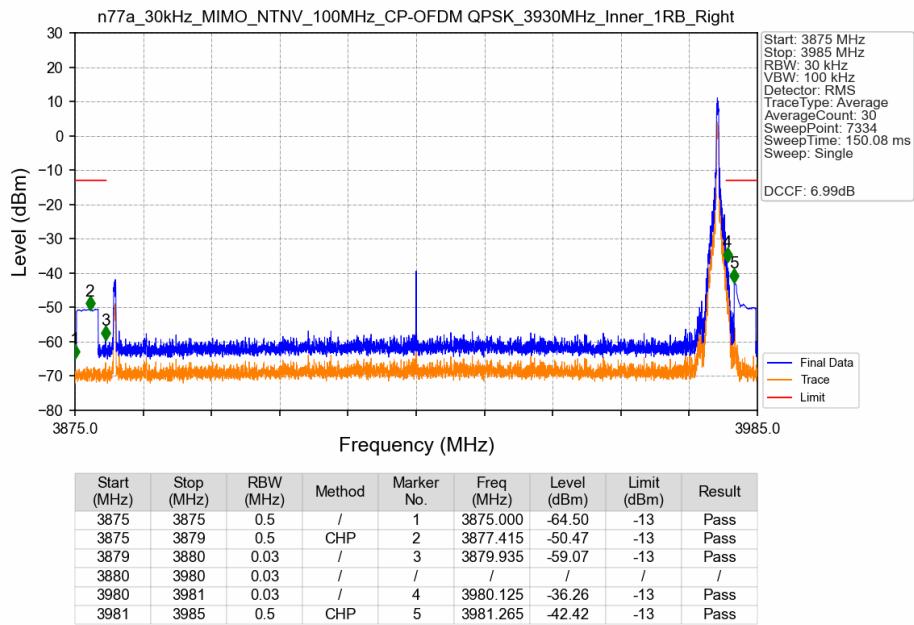
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3875	0.5	/	1	3875.000	-42.66	-13	Pass
3875	3879	0.5	CHP	2	3878.740	-39.07	-13	Pass
3879	3880	0.35	CHP	3	3879.950	-39.65	-13	Pass
3880	3980	0.35	CHP	/	/	/	/	/
3980	3981	0.35	CHP	4	3980.050	-36.65	-13	Pass
3981	3985	0.5	CHP	5	3981.040	-38.16	-13	Pass

n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3930MHz_Inner_1RB_Right_Ant3

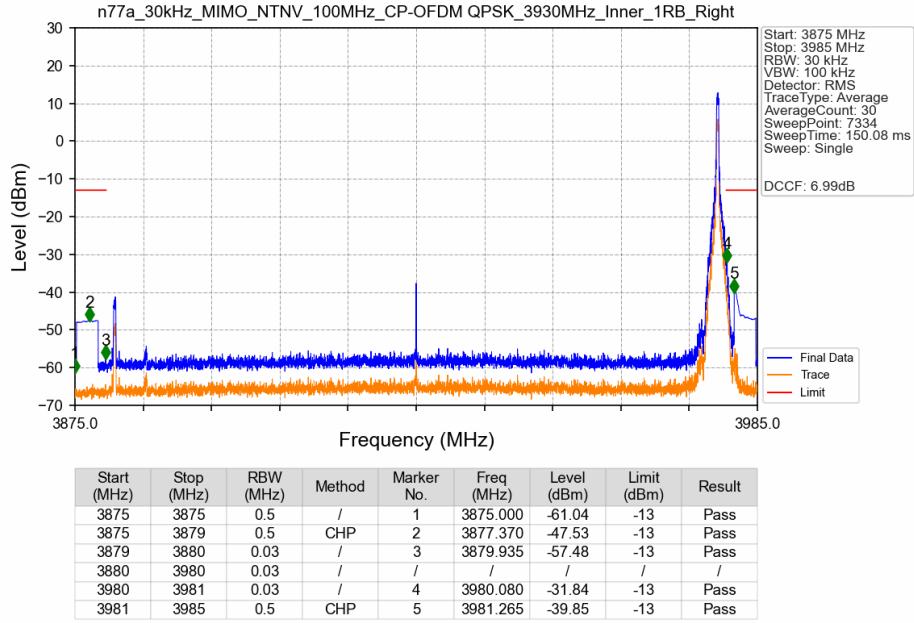


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3875	0.5	/	1	3875.000	-63.65	-13	Pass
3875	3879	0.5	CHP	2	3877.580	-50.42	-13	Pass
3879	3880	0.03	/	3	3879.815	-60.07	-13	Pass
3880	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	4	3980.080	-33.57	-13	Pass
3981	3985	0.5	CHP	5	3981.370	-42.76	-13	Pass

n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3930MHz_Inner_1RB_Right_Ant7



n77a_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3930MHz_Inner_1RB_Right_MIMO



6. Adjacent Channel Leakage Ratio

6.1 Test Result

6.1.1 30k_SISO_20MHz_NTNV

5G NR n77a SCS=30kHz SISO 20MHz NTVN					
Modulation	Frequency (MHz)	RB Allocation	Adjacent Channel Leakage Ratio		Verdict
			Result	Limit	
DFT-s-OFDM PI/2 BPSK	3710.01	Outer_Full	Refer To Test Graph	Pass	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass	Pass
	3840	Outer_Full	Refer To Test Graph	Pass	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass	Pass
	3969.99	Outer_Full	Refer To Test Graph	Pass	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass	Pass
DFT-s-OFDM QPSK	3710.01	Outer_Full	Refer To Test Graph	Pass	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass	Pass
	3840	Outer_Full	Refer To Test Graph	Pass	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass	Pass
	3969.99	Outer_Full	Refer To Test Graph	Pass	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass	Pass

6.1.2 30k_SISO_30MHz_NTNV

5G NR n77a SCS=30kHz SISO 30MHz NTVN					
Modulation	Frequency (MHz)	RB Allocation	Adjacent Channel Leakage Ratio		Verdict
			Result	Limit	
DFT-s-OFDM PI/2 BPSK	3715.02	Outer_Full	Refer To Test Graph	Pass	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass	Pass
	3840	Outer_Full	Refer To Test Graph	Pass	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass	Pass
	3964.98	Outer_Full	Refer To Test Graph	Pass	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass	Pass
DFT-s-OFDM QPSK	3715.02	Outer_Full	Refer To Test Graph	Pass	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass	Pass
	3840	Outer_Full	Refer To Test Graph	Pass	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass	Pass
	3964.98	Outer_Full	Refer To Test Graph	Pass	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass	Pass

6.1.3 30k_SISO_40MHz_NTNV

5G NR n77a SCS=30kHz SISO 40MHz NTNV					
Modulation	Frequency (MHz)	RB Allocation	Adjacent Channel Leakage Ratio		Verdict
			Result	Limit	
DFT-s-OFDM PI/2 BPSK	3720	Outer_Full	Refer To Test Graph		Pass
		Edge_1RB_Left	Refer To Test Graph		Pass
		Edge_1RB_Right	Refer To Test Graph		Pass
	3840	Outer_Full	Refer To Test Graph		Pass
		Edge_1RB_Left	Refer To Test Graph		Pass
		Edge_1RB_Right	Refer To Test Graph		Pass
	3960	Outer_Full	Refer To Test Graph		Pass
		Edge_1RB_Left	Refer To Test Graph		Pass
		Edge_1RB_Right	Refer To Test Graph		Pass
DFT-s-OFDM QPSK	3720	Outer_Full	Refer To Test Graph		Pass
		Edge_1RB_Left	Refer To Test Graph		Pass
		Edge_1RB_Right	Refer To Test Graph		Pass
	3840	Outer_Full	Refer To Test Graph		Pass
		Edge_1RB_Left	Refer To Test Graph		Pass
		Edge_1RB_Right	Refer To Test Graph		Pass
	3960	Outer_Full	Refer To Test Graph		Pass
		Edge_1RB_Left	Refer To Test Graph		Pass
		Edge_1RB_Right	Refer To Test Graph		Pass

6.1.4 30k_SISO_60MHz_NTNV

5G NR n77a SCS=30kHz SISO 60MHz NTNV					
Modulation	Frequency (MHz)	RB Allocation	Adjacent Channel Leakage Ratio		Verdict
			Result	Limit	
DFT-s-OFDM PI/2 BPSK	3730.02	Outer_Full	Refer To Test Graph		Pass
		Edge_1RB_Left	Refer To Test Graph		Pass
		Edge_1RB_Right	Refer To Test Graph		Pass
	3840	Outer_Full	Refer To Test Graph		Pass
		Edge_1RB_Left	Refer To Test Graph		Pass
		Edge_1RB_Right	Refer To Test Graph		Pass
	3949.98	Outer_Full	Refer To Test Graph		Pass
		Edge_1RB_Left	Refer To Test Graph		Pass
		Edge_1RB_Right	Refer To Test Graph		Pass
DFT-s-OFDM QPSK	3730.02	Outer_Full	Refer To Test Graph		Pass
		Edge_1RB_Left	Refer To Test Graph		Pass
		Edge_1RB_Right	Refer To Test Graph		Pass
	3840	Outer_Full	Refer To Test Graph		Pass
		Edge_1RB_Left	Refer To Test Graph		Pass
		Edge_1RB_Right	Refer To Test Graph		Pass
	3949.98	Outer_Full	Refer To Test Graph		Pass
		Edge_1RB_Left	Refer To Test Graph		Pass
		Edge_1RB_Right	Refer To Test Graph		Pass

6.1.5 30k_SISO_80MHz_NTNV

5G NR n77a SCS=30kHz SISO 80MHz NTNV					
Modulation	Frequency (MHz)	RB Allocation	Adjacent Channel Leakage Ratio		Verdict
			Result	Limit	
DFT-s-OFDM PI/2 BPSK	3740.01	Outer_Full	Refer To Test Graph		Pass
		Edge_1RB_Left	Refer To Test Graph		Pass

DFT-s-OFDM QPSK	3840	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass
	3939.99	Outer_Full	Refer To Test Graph	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass
	3740.01	Outer_Full	Refer To Test Graph	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass
	3840	Outer_Full	Refer To Test Graph	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass
	3939.99	Outer_Full	Refer To Test Graph	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass

6.1.6 30k_SISO_100MHz_NTNV

5G NR n77a SCS=30kHz SISO 100MHz NTNV					Verdict	
Modulation	Frequency (MHz)	RB Allocation	Adjacent Channel Leakage Ratio			
			Result	Limit		
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	Refer To Test Graph	Pass	Pass	
		Edge_1RB_Left	Refer To Test Graph	Pass	Pass	
		Edge_1RB_Right	Refer To Test Graph	Pass	Pass	
	3840	Outer_Full	Refer To Test Graph	Pass	Pass	
		Edge_1RB_Left	Refer To Test Graph	Pass	Pass	
		Edge_1RB_Right	Refer To Test Graph	Pass	Pass	
	3930	Outer_Full	Refer To Test Graph	Pass	Pass	
		Edge_1RB_Left	Refer To Test Graph	Pass	Pass	
		Edge_1RB_Right	Refer To Test Graph	Pass	Pass	
DFT-s-OFDM QPSK	3750	Outer_Full	Refer To Test Graph	Pass	Pass	
		Edge_1RB_Left	Refer To Test Graph	Pass	Pass	
		Edge_1RB_Right	Refer To Test Graph	Pass	Pass	
	3840	Outer_Full	Refer To Test Graph	Pass	Pass	
		Edge_1RB_Left	Refer To Test Graph	Pass	Pass	
		Edge_1RB_Right	Refer To Test Graph	Pass	Pass	
	3930	Outer_Full	Refer To Test Graph	Pass	Pass	
		Edge_1RB_Left	Refer To Test Graph	Pass	Pass	
		Edge_1RB_Right	Refer To Test Graph	Pass	Pass	

6.1.7 30k_MIMO_20MHz_NTNV

5G NR n77a SCS=30kHz MIMO 20MHz NTNV					Verdict	
Modulation	Frequency (MHz)	RB Allocation	Adjacent Channel Leakage Ratio			
			Result	Limit		
CP-OFDM QPSK	3710.01	Outer_Full	Refer To Test Graph	Pass	Pass	
		Edge_1RB_Left	Refer To Test Graph	Pass	Pass	
		Edge_1RB_Right	Refer To Test Graph	Pass	Pass	
	3840	Outer_Full	Refer To Test Graph	Pass	Pass	
		Edge_1RB_Left	Refer To Test Graph	Pass	Pass	
		Edge_1RB_Right	Refer To Test Graph	Pass	Pass	
	3969.99	Outer_Full	Refer To Test Graph	Pass	Pass	
		Edge_1RB_Left	Refer To Test Graph	Pass	Pass	
		Edge_1RB_Right	Refer To Test Graph	Pass	Pass	

6.1.8 30k_MIMO_30MHz_NTNV

5G NR n77a SCS=30kHz MIMO 30MHz NTNV					
Modulation	Frequency (MHz)	RB Allocation	Adjacent Channel Leakage Ratio		Verdict
			Result	Limit	
CP-OFDM QPSK	3715.02	Outer_Full	Refer To Test Graph		Pass
		Edge_1RB_Left	Refer To Test Graph		Pass
		Edge_1RB_Right	Refer To Test Graph		Pass
	3840	Outer_Full	Refer To Test Graph		Pass
		Edge_1RB_Left	Refer To Test Graph		Pass
		Edge_1RB_Right	Refer To Test Graph		Pass
	3964.98	Outer_Full	Refer To Test Graph		Pass
		Edge_1RB_Left	Refer To Test Graph		Pass
		Edge_1RB_Right	Refer To Test Graph		Pass

6.1.9 30k_MIMO_40MHz_NTNV

5G NR n77a SCS=30kHz MIMO 40MHz NTNV					
Modulation	Frequency (MHz)	RB Allocation	Adjacent Channel Leakage Ratio		Verdict
			Result	Limit	
CP-OFDM QPSK	3720	Outer_Full	Refer To Test Graph		Pass
		Edge_1RB_Left	Refer To Test Graph		Pass
		Edge_1RB_Right	Refer To Test Graph		Pass
	3840	Outer_Full	Refer To Test Graph		Pass
		Edge_1RB_Left	Refer To Test Graph		Pass
		Edge_1RB_Right	Refer To Test Graph		Pass
	3960	Outer_Full	Refer To Test Graph		Pass
		Edge_1RB_Left	Refer To Test Graph		Pass
		Edge_1RB_Right	Refer To Test Graph		Pass

6.1.10 30k_MIMO_60MHz_NTNV

5G NR n77a SCS=30kHz MIMO 60MHz NTNV					
Modulation	Frequency (MHz)	RB Allocation	Adjacent Channel Leakage Ratio		Verdict
			Result	Limit	
CP-OFDM QPSK	3730.02	Outer_Full	Refer To Test Graph		Pass
		Edge_1RB_Left	Refer To Test Graph		Pass
		Edge_1RB_Right	Refer To Test Graph		Pass
	3840	Outer_Full	Refer To Test Graph		Pass
		Edge_1RB_Left	Refer To Test Graph		Pass
		Edge_1RB_Right	Refer To Test Graph		Pass
	3949.98	Outer_Full	Refer To Test Graph		Pass
		Edge_1RB_Left	Refer To Test Graph		Pass
		Edge_1RB_Right	Refer To Test Graph		Pass

6.1.11 30k_MIMO_80MHz_NTNV

5G NR n77a SCS=30kHz MIMO 80MHz NTNV					
Modulation	Frequency (MHz)	RB Allocation	Adjacent Channel Leakage Ratio		Verdict
			Result	Limit	
CP-OFDM QPSK	3740.01	Outer_Full	Refer To Test Graph		Pass
		Edge_1RB_Left	Refer To Test Graph		Pass
		Edge_1RB_Right	Refer To Test Graph		Pass

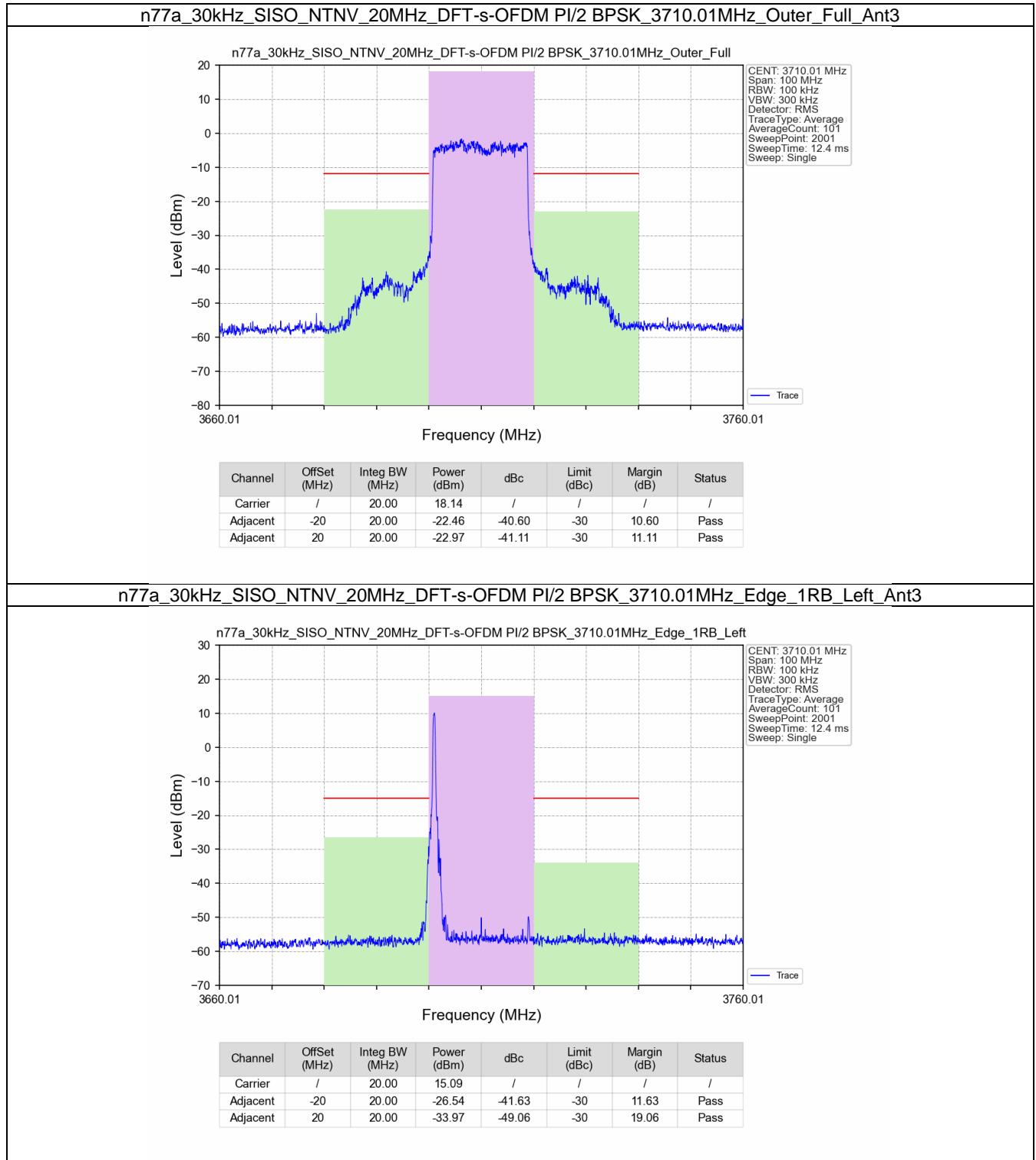
	3840	Outer_Full	Refer To Test Graph	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass
	3939.99	Outer_Full	Refer To Test Graph	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass

6.1.12 30k_MIMO_100MHz_NTNV

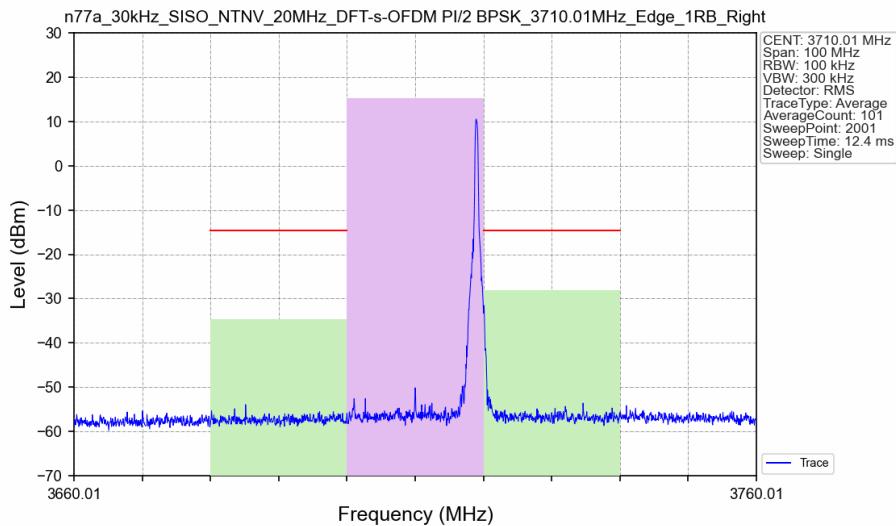
5G NR n77a SCS=30kHz MIMO 100MHz NTNV					
Modulation	Frequency (MHz)	RB Allocation	Adjacent Channel Leakage Ratio		Verdict
			Result	Limit	
CP-OFDM QPSK	3750	Outer_Full	Refer To Test Graph	Pass	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass	Pass
	3840	Outer_Full	Refer To Test Graph	Pass	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass	Pass
	3930	Outer_Full	Refer To Test Graph	Pass	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass	Pass

6.2 Test Graph

6.2.1 30k_SISO_20MHz_NTNV

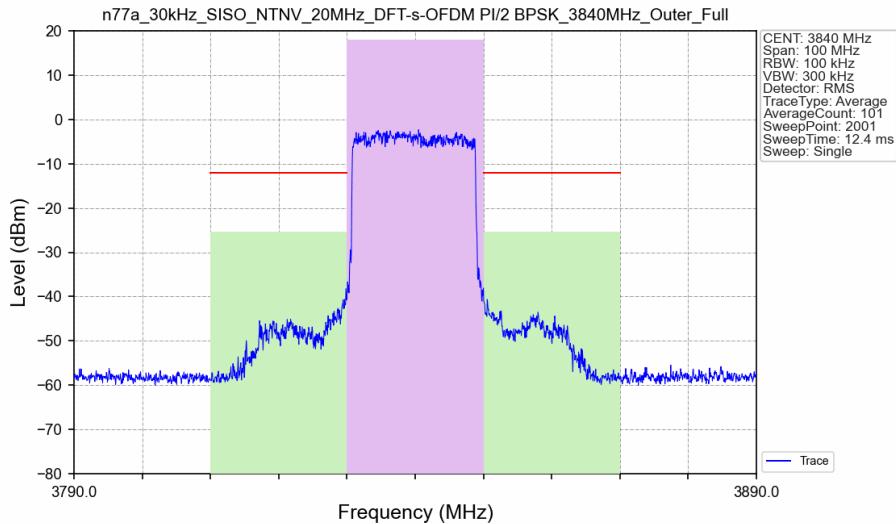


n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3710.01MHz_Edge_1RB_Right_Ant3



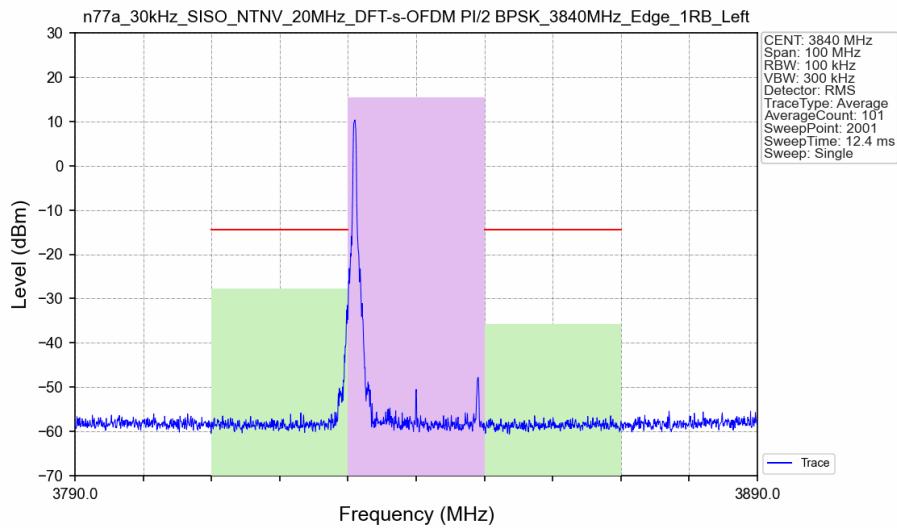
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	15.31	/	/	/	/
Adjacent	-20	20.00	-34.58	-49.89	-30	19.89	Pass
Adjacent	20	20.00	-28.11	-43.42	-30	13.42	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3840MHz_Outer_Full_Ant3

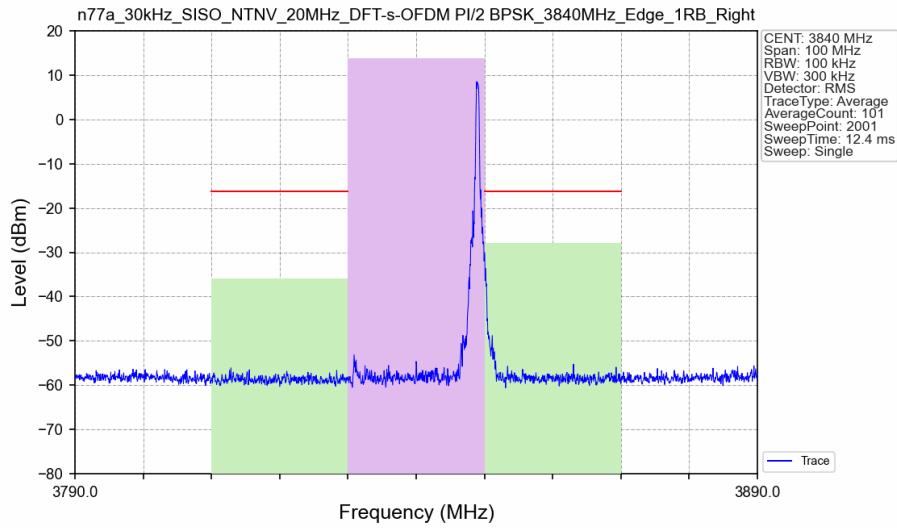


Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	17.91	/	/	/	/
Adjacent	-20	20.00	-25.43	-43.34	-30	13.34	Pass
Adjacent	20	20.00	-25.27	-43.18	-30	13.18	Pass

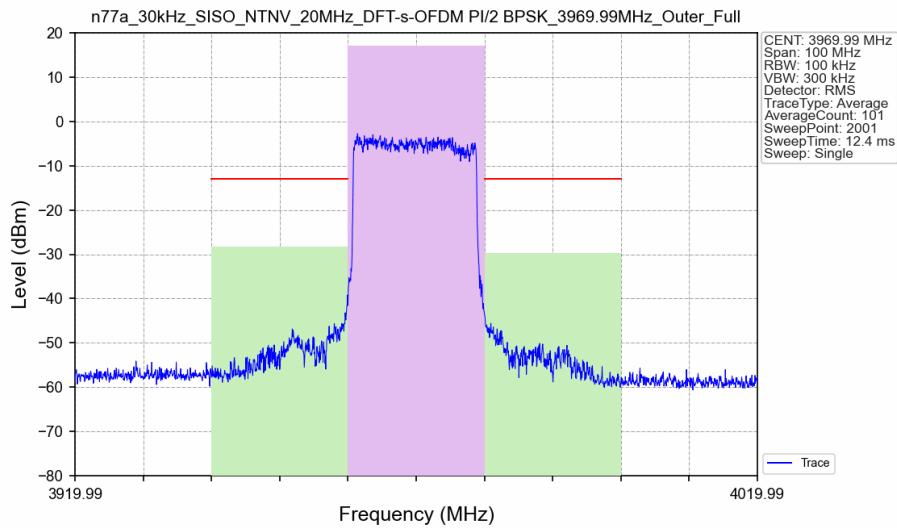
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3840MHz_Edge_1RB_Left_Ant3



n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3840MHz_Edge_1RB_Right_Ant3

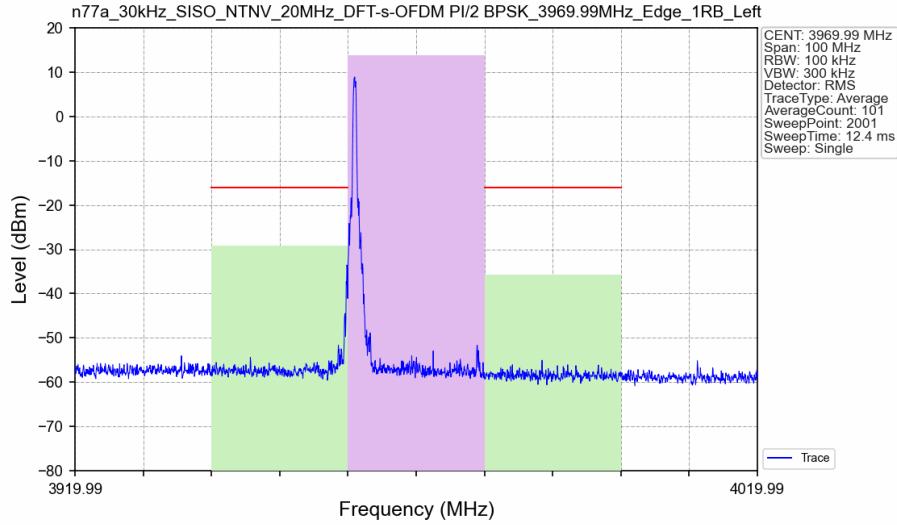


n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3969.99MHz_Outer_Full_Ant3

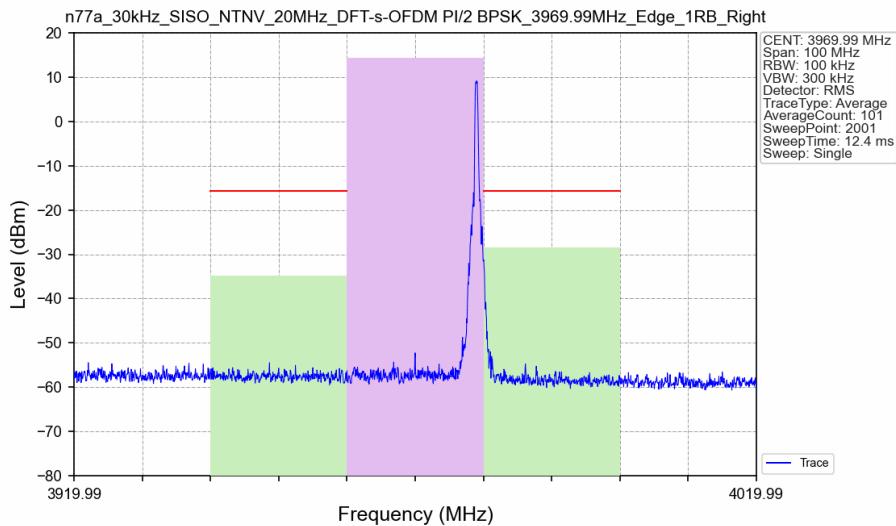


Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	17.01	/	/	/	/
Adjacent	-20	20.00	-28.20	-45.21	-30	15.21	Pass
Adjacent	20	20.00	-29.81	-46.82	-30	16.82	Pass

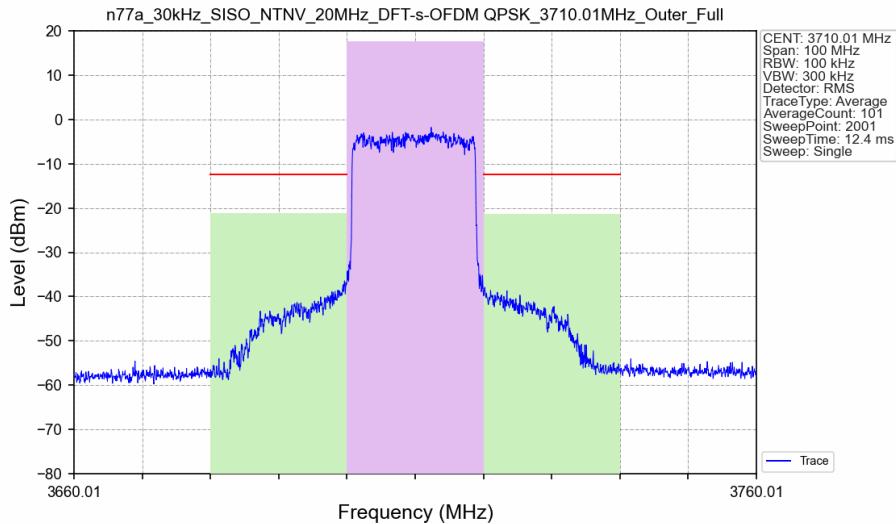
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3969.99MHz_Edge_1RB_Left_Ant3



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	13.85	/	/	/	/
Adjacent	-20	20.00	-29.26	-43.11	-30	13.11	Pass
Adjacent	20	20.00	-35.71	-49.56	-30	19.56	Pass

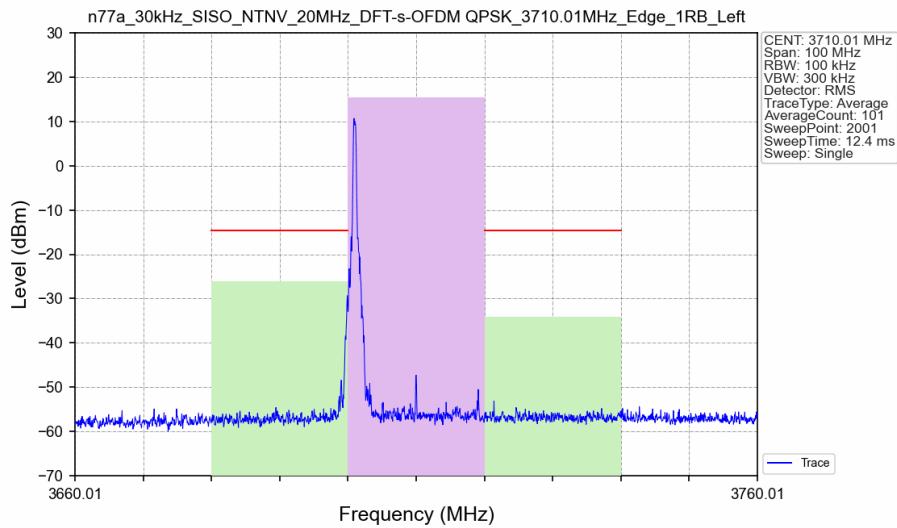
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3969.99MHz_Edge_1RB_Right_Ant3


Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	14.35	/	/	/	/
Adjacent	-20	20.00	-34.78	-49.13	-30	19.13	Pass
Adjacent	20	20.00	-28.46	-42.81	-30	12.81	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3710.01MHz_Outer_Full_Ant3


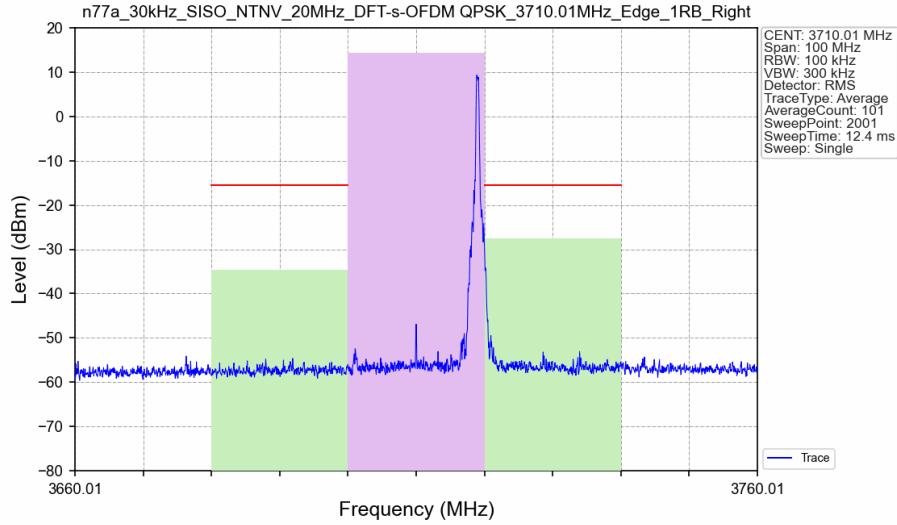
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	17.64	/	/	/	/
Adjacent	-20	20.00	-21.11	-38.75	-30	8.75	Pass
Adjacent	20	20.00	-21.38	-39.02	-30	9.02	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3710.01MHz_Edge_1RB_Left_Ant3



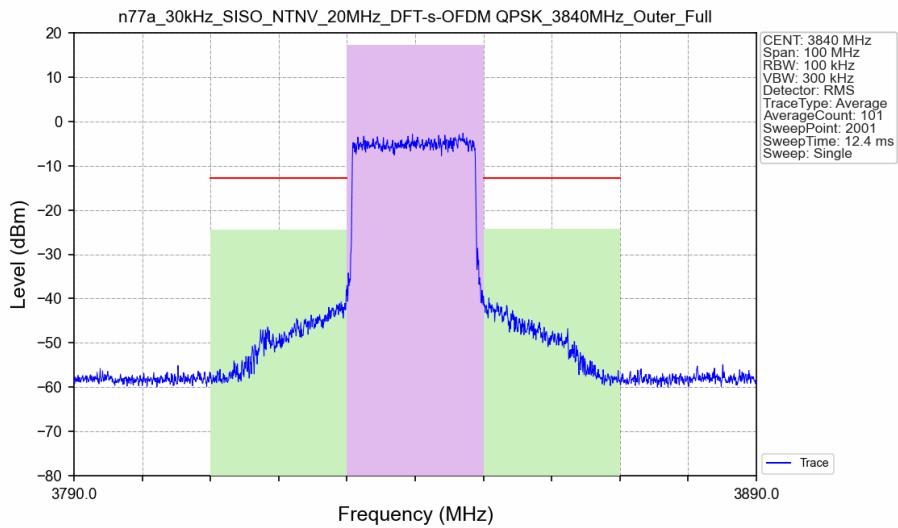
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	15.37	/	/	/	/
Adjacent	-20	20.00	-26.17	-41.54	-30	11.54	Pass
Adjacent	20	20.00	-34.04	-49.41	-30	19.41	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3710.01MHz_Edge_1RB_Right_Ant3



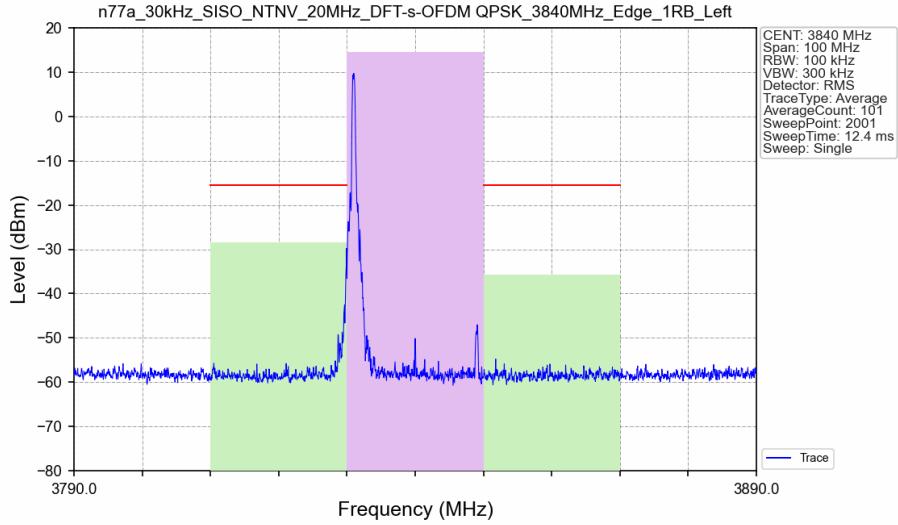
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	14.39	/	/	/	/
Adjacent	-20	20.00	-34.57	-48.96	-30	18.96	Pass
Adjacent	20	20.00	-27.63	-42.02	-30	12.02	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3840MHz_Outer_Full_Ant3



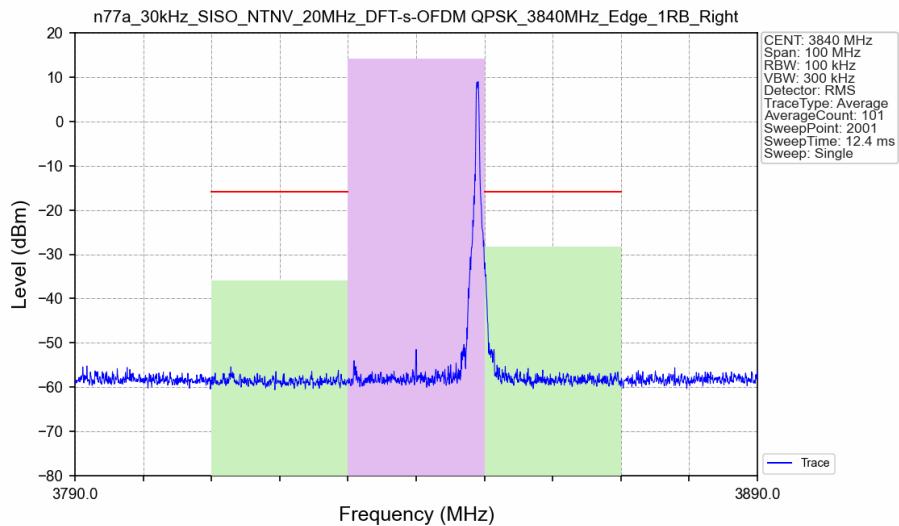
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	17.18	/	/	/	/
Adjacent	-20	20.00	-24.36	-41.54	-30	11.54	Pass
Adjacent	20	20.00	-24.35	-41.53	-30	11.53	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3840MHz_Edge_1RB_Left_Ant3



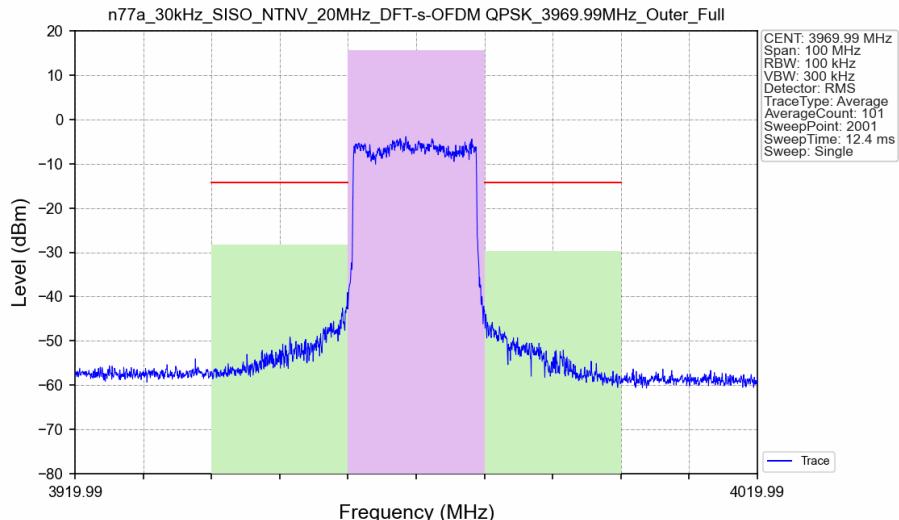
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	14.48	/	/	/	/
Adjacent	-20	20.00	-28.51	-42.99	-30	12.99	Pass
Adjacent	20	20.00	-35.71	-50.19	-30	20.19	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3840MHz_Edge_1RB_Right_Ant3



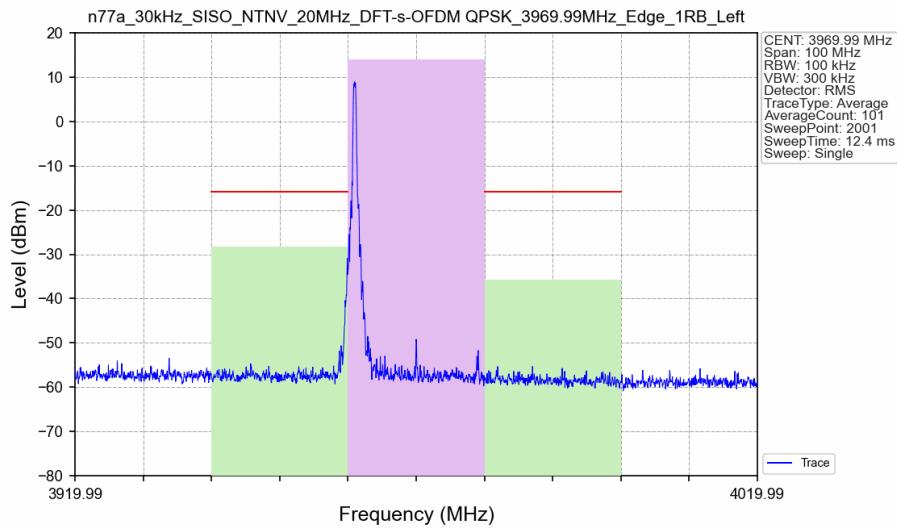
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	14.09	/	/	/	/
Adjacent	-20	20.00	-35.87	-49.96	-30	19.96	Pass
Adjacent	20	20.00	-28.30	-42.39	-30	12.39	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3969.99MHz_Outer_Full_Ant3



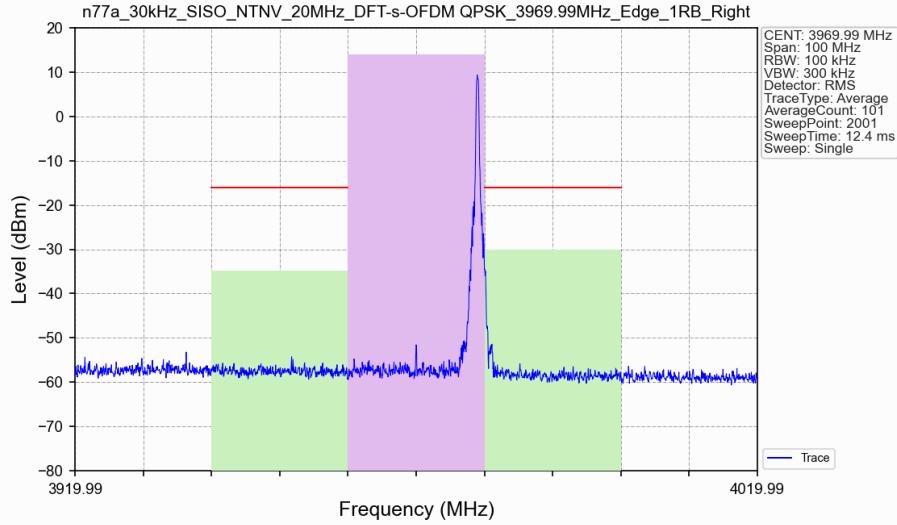
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	15.70	/	/	/	/
Adjacent	-20	20.00	-28.24	-43.94	-30	13.94	Pass
Adjacent	20	20.00	-29.71	-45.41	-30	15.41	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3969.99MHz_Edge_1RB_Left_Ant3



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	14.07	/	/	/	/
Adjacent	-20	20.00	-28.19	-42.26	-30	12.26	Pass
Adjacent	20	20.00	-35.67	-49.74	-30	19.74	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3969.99MHz_Edge_1RB_Right_Ant3



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	13.91	/	/	/	/
Adjacent	-20	20.00	-34.77	-48.68	-30	18.68	Pass
Adjacent	20	20.00	-30.18	-44.09	-30	14.09	Pass