

CP-OFDM 256 QAM	3740.01	Edge 1RB Left	15.11	16.02	18.60	17.61	18.52	21.10	<=30	Pass
		Edge 1RB Right	15.30	16.26	18.82	17.80	18.76	21.32	<=30	Pass
		Outer_Full	15.19	16.27	18.77	17.69	18.77	21.27	<=30	Pass
		Inner_Full	15.38	16.27	18.86	17.88	18.77	21.36	<=30	Pass
		Inner 1RB Left	15.10	16.03	18.60	17.60	18.53	21.10	<=30	Pass
		Inner 1RB Right	15.38	16.09	18.76	17.88	18.59	21.26	<=30	Pass
	3840	Edge 1RB Left	15.93	16.01	18.98	18.43	18.51	21.48	<=30	Pass
		Edge 1RB Right	14.77	16.00	18.44	17.27	18.50	20.94	<=30	Pass
		Outer_Full	15.68	16.17	18.94	18.18	18.67	21.44	<=30	Pass
		Inner_Full	15.72	16.15	18.95	18.22	18.65	21.45	<=30	Pass
		Inner 1RB Left	15.84	16.24	19.05	18.34	18.74	21.55	<=30	Pass
		Inner 1RB Right	14.88	16.10	18.54	17.38	18.60	21.04	<=30	Pass
	3939.99	Edge 1RB Left	15.73	16.18	18.97	18.23	18.68	21.47	<=30	Pass
		Edge 1RB Right	15.69	16.20	18.96	18.19	18.70	21.46	<=30	Pass
		Outer_Full	15.51	16.32	18.95	18.01	18.82	21.44	<=30	Pass
		Inner_Full	15.47	16.32	18.92	17.97	18.82	21.43	<=30	Pass
		Inner 1RB Left	15.78	16.14	18.97	18.28	18.64	21.47	<=30	Pass
		Inner 1RB Right	15.71	16.24	19.00	18.21	18.74	21.49	<=30	Pass
Note1: Antenna Gain: Ant2: 2.50dBi; Ant0: 2.50dBi; Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2										

1.1.12 30k_MIMO_100MHz_NTNV_EIRP

5G NR n77a SCS=30kHz MIMO 100MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant0	Sum	Ant2	Ant0	Sum	Limit	
CP-OFDM QPSK	3750	Edge 1RB Left	17.95	19.14	21.59	20.45	21.64	24.10	<=30	Pass
		Edge 1RB Right	19.04	19.35	22.21	21.54	21.85	24.71	<=30	Pass
		Outer_Full	18.82	19.67	22.28	21.32	22.17	24.78	<=30	Pass
		Inner_Full	20.22	21.21	23.76	22.72	23.71	26.25	<=30	Pass
		Inner 1RB Left	19.93	21.14	23.59	22.43	23.64	26.09	<=30	Pass
		Inner 1RB Right	21.01	21.23	24.13	23.51	23.73	26.63	<=30	Pass
	3840	Edge 1RB Left	18.66	19.20	21.95	21.16	21.70	24.45	<=30	Pass
		Edge 1RB Right	18.04	19.35	21.75	20.54	21.85	24.25	<=30	Pass
		Outer_Full	19.02	19.65	22.36	21.52	22.15	24.86	<=30	Pass
		Inner_Full	20.73	21.11	23.94	23.23	23.61	26.43	<=30	Pass
		Inner 1RB Left	20.57	21.13	23.87	23.07	23.63	26.37	<=30	Pass
		Inner 1RB Right	19.79	21.18	23.55	22.29	23.68	26.05	<=30	Pass
	3930	Edge 1RB Left	18.03	19.33	21.74	20.53	21.83	24.24	<=30	Pass
		Edge 1RB Right	19.06	19.36	22.22	21.56	21.86	24.72	<=30	Pass
		Outer_Full	19.07	19.92	22.53	21.57	22.42	25.03	<=30	Pass
		Inner_Full	20.95	21.36	24.17	23.45	23.86	26.67	<=30	Pass
		Inner 1RB Left	20.19	21.29	23.78	22.69	23.79	26.29	<=30	Pass
		Inner 1RB Right	21.15	21.54	24.36	23.65	24.04	26.86	<=30	Pass
CP-OFDM 16 QAM	3750	Edge 1RB Left	17.93	19.03	21.53	20.43	21.53	24.03	<=30	Pass
		Edge 1RB Right	19.00	19.28	22.15	21.50	21.78	24.65	<=30	Pass
		Outer_Full	18.73	19.73	22.27	21.23	22.23	24.77	<=30	Pass
		Inner_Full	19.76	20.73	23.28	22.26	23.23	25.78	<=30	Pass
		Inner 1RB Left	19.34	20.63	23.04	21.84	23.13	25.54	<=30	Pass
		Inner 1RB Right	20.45	20.83	23.65	22.95	23.33	26.15	<=30	Pass
	3840	Edge 1RB Left	18.51	18.90	21.72	21.01	21.40	24.22	<=30	Pass
		Edge 1RB Right	17.81	19.19	21.56	20.31	21.69	24.06	<=30	Pass
		Outer_Full	19.08	19.63	22.38	21.58	22.13	24.87	<=30	Pass
		Inner_Full	20.22	20.68	23.46	22.72	23.18	25.97	<=30	Pass
		Inner 1RB Left	20.02	20.71	23.39	22.52	23.21	25.89	<=30	Pass
		Inner 1RB Right	19.42	20.93	23.25	21.92	23.43	25.75	<=30	Pass
	3930	Edge 1RB Left	18.06	19.45	21.82	20.56	21.95	24.32	<=30	Pass

2. Frequency Stability

2.1 Test Result

2.1.1 30k_SISO_100MHz

5G NR n77a SCS=30kHz SISO 100MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3840	Outer_Full	20	LV	1.40	0.0004	>=-2.5 & <=2.5	Pass
				HV	4.70	0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	14.80	0.0039	>=-2.5 & <=2.5	Pass
			-20	NV	10.50	0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			0	NV	11.00	0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-6.20	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-10.50	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	10.30	0.0027	>=-2.5 & <=2.5	Pass
			40	NV	3.90	0.0010	>=-2.5 & <=2.5	Pass
			50	NV	-11.10	-0.0029	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30k_SISO_20MHz_NTNV

5G NR n77a SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	18.05	19.45	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	18.12	19.34	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	18.02	19.57	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	18.03	19.73	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	18.16	19.26	/	Pass
CP-OFDM QPSK	3840	Outer_Full	18.33	20.28	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	18.27	19.78	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	18.33	19.95	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	18.30	19.66	/	Pass

3.1.2 30k_SISO_30MHz_NTNV

5G NR n77a SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	27.15	29.12	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	27.12	28.92	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	27.26	29.62	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	27.20	29.22	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	27.11	29.07	/	Pass
CP-OFDM QPSK	3840	Outer_Full	28.30	30.03	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	28.14	30.06	/	Pass

CP-OFDM 64 QAM	3840	Outer Full	28.05	30.32	/	Pass
CP-OFDM 256 QAM	3840	Outer Full	28.08	30.19	/	Pass

3.1.3 30k_SISO_40MHz_NTNV

5G NR n77a SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer Full	36.08	38.56	/	Pass
DFT-s-OFDM QPSK	3840	Outer Full	36.06	38.45	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer Full	35.96	38.64	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer Full	36.09	38.43	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer Full	36.02	38.40	/	Pass
CP-OFDM QPSK	3840	Outer Full	38.07	40.57	/	Pass
CP-OFDM 16 QAM	3840	Outer Full	38.09	40.67	/	Pass
CP-OFDM 64 QAM	3840	Outer Full	38.20	40.77	/	Pass
CP-OFDM 256 QAM	3840	Outer Full	38.16	41.02	/	Pass

3.1.4 30k_SISO_60MHz_NTNV

5G NR n77a SCS=30kHz SISO 60MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer Full	58.37	62.05	/	Pass
DFT-s-OFDM QPSK	3840	Outer Full	58.27	62.30	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer Full	58.10	61.42	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer Full	58.42	62.36	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer Full	58.34	62.06	/	Pass
CP-OFDM QPSK	3840	Outer Full	58.32	61.78	/	Pass
CP-OFDM 16 QAM	3840	Outer Full	58.13	62.29	/	Pass
CP-OFDM 64 QAM	3840	Outer Full	58.64	61.98	/	Pass
CP-OFDM 256 QAM	3840	Outer Full	58.10	62.16	/	Pass

3.1.5 30k_SISO_80MHz_NTNV

5G NR n77a SCS=30kHz SISO 80MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer Full	77.71	82.34	/	Pass
DFT-s-OFDM QPSK	3840	Outer Full	77.46	82.99	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer Full	77.86	82.84	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer Full	77.81	83.21	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer Full	77.83	82.98	/	Pass
CP-OFDM QPSK	3840	Outer Full	77.93	83.14	/	Pass
CP-OFDM 16 QAM	3840	Outer Full	77.70	83.47	/	Pass
CP-OFDM 64 QAM	3840	Outer Full	78.08	83.16	/	Pass
CP-OFDM 256 QAM	3840	Outer Full	78.18	83.32	/	Pass

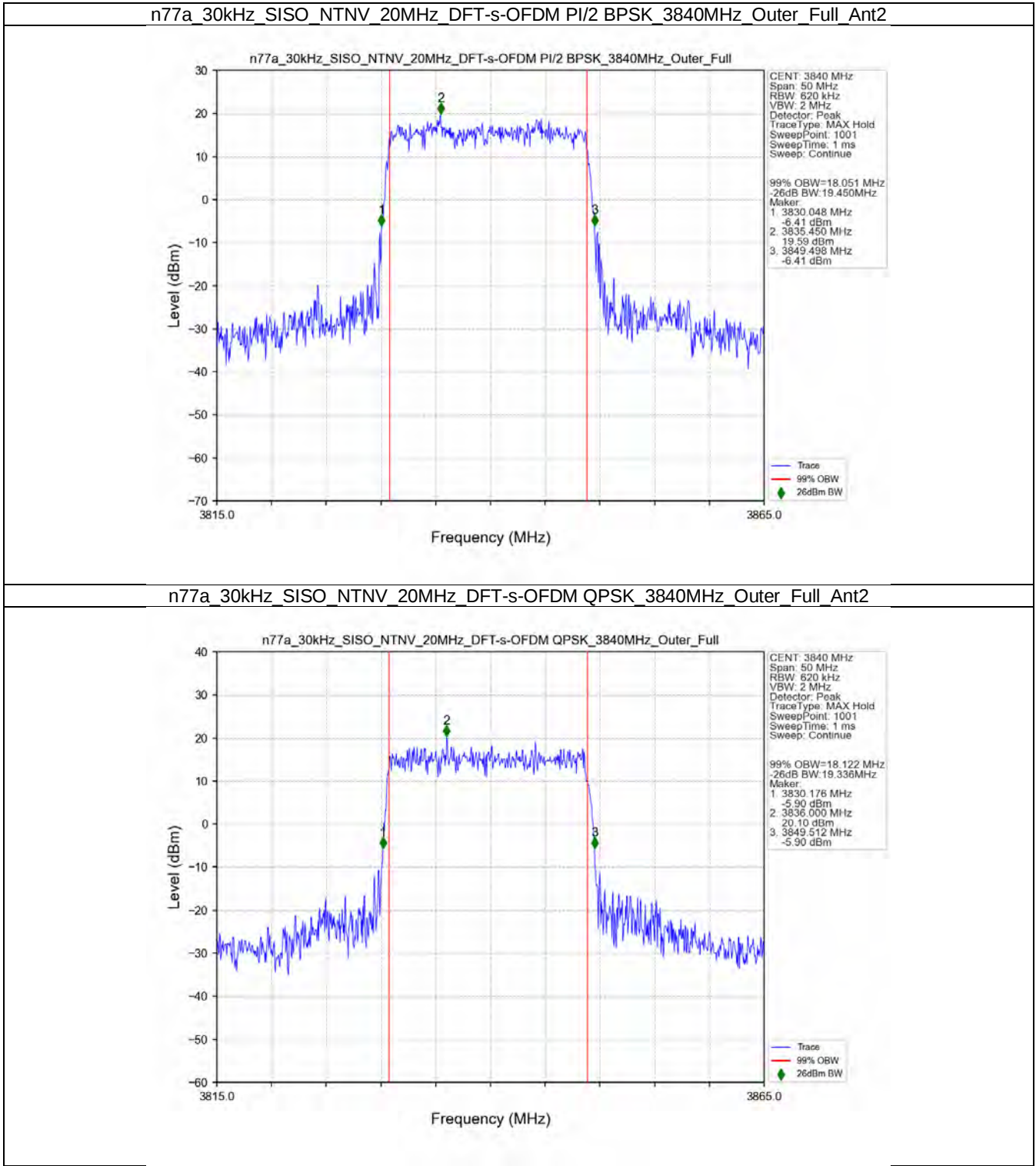
3.1.6 30k_SISO_100MHz_NTNV

5G NR n77a SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict

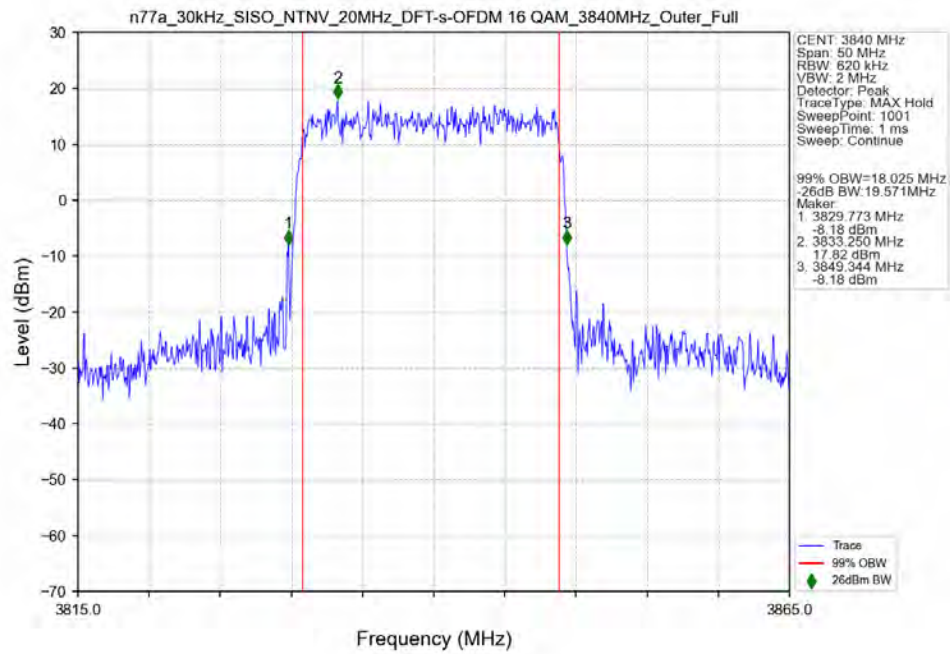
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	97.54	103.70	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	96.97	103.04	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	96.79	103.25	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	96.93	103.30	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	97.39	103.77	/	Pass
CP-OFDM QPSK	3840	Outer_Full	98.12	104.18	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	98.26	104.78	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	98.48	104.10	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	98.08	104.20	/	Pass

3.2 Test Graph

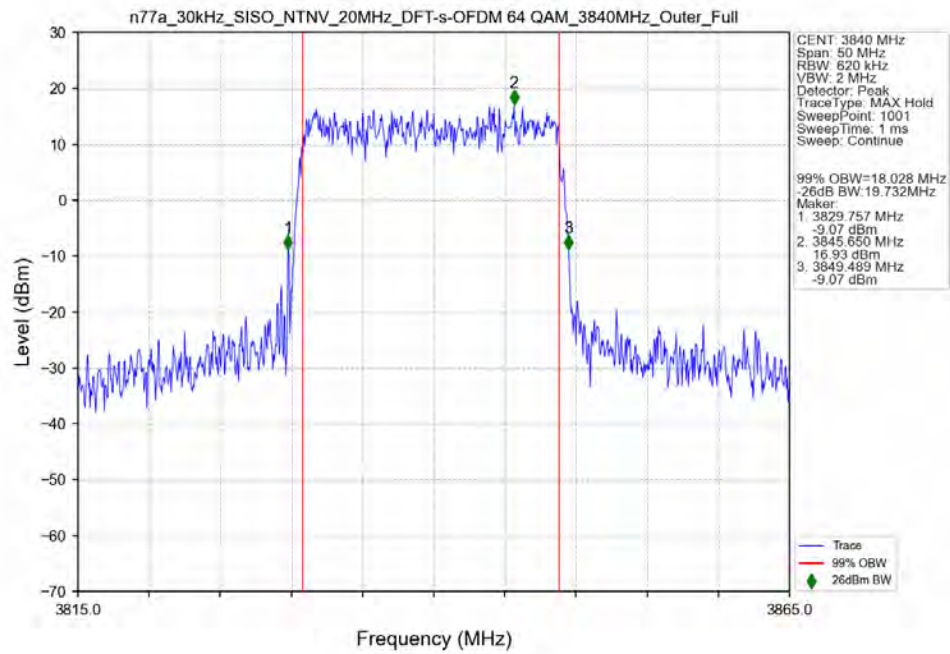
3.2.1 30k_SISO_20MHz_NTNV



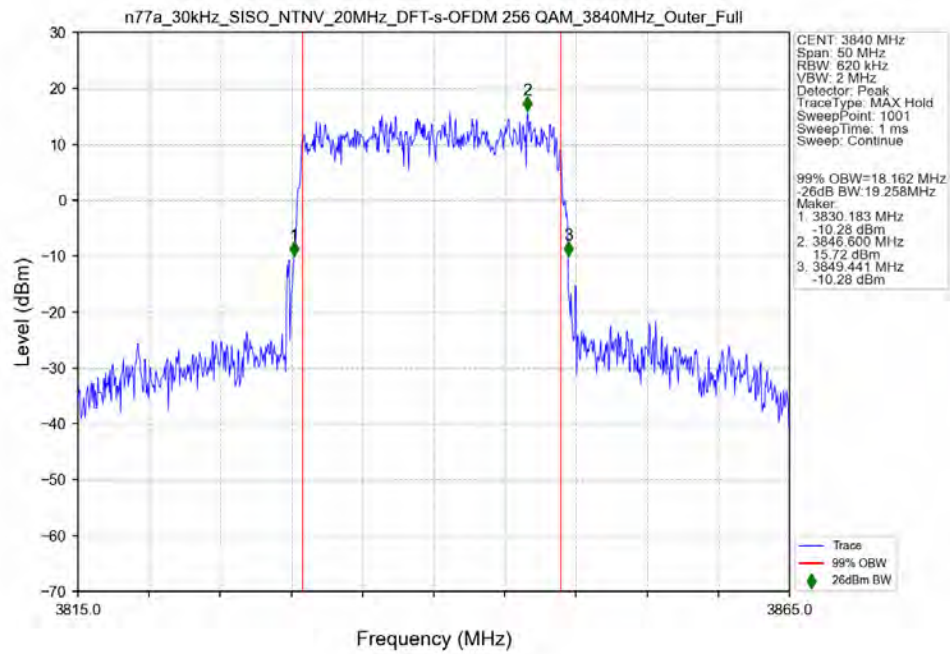
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant2



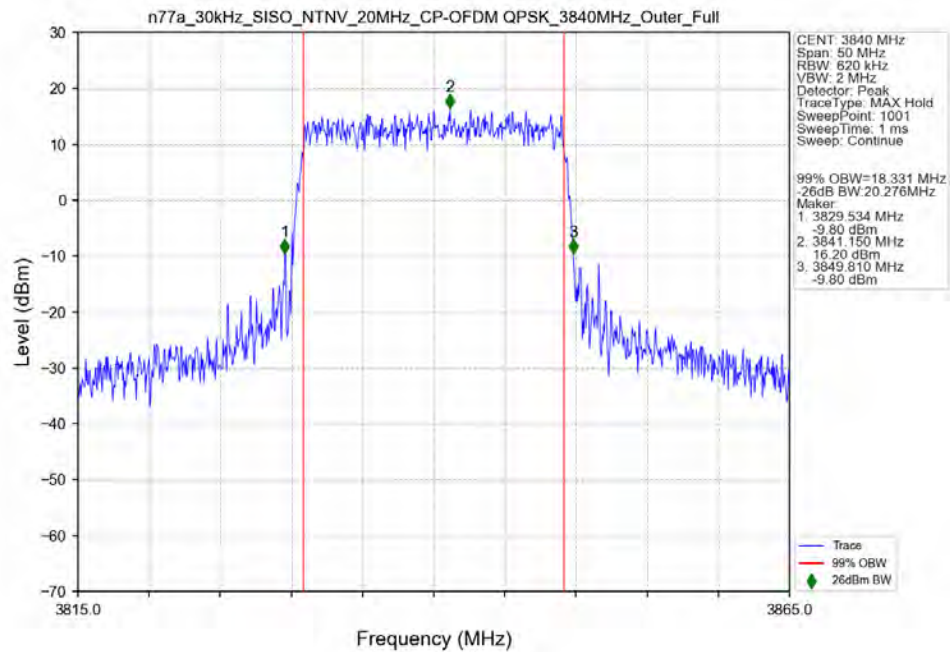
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant2



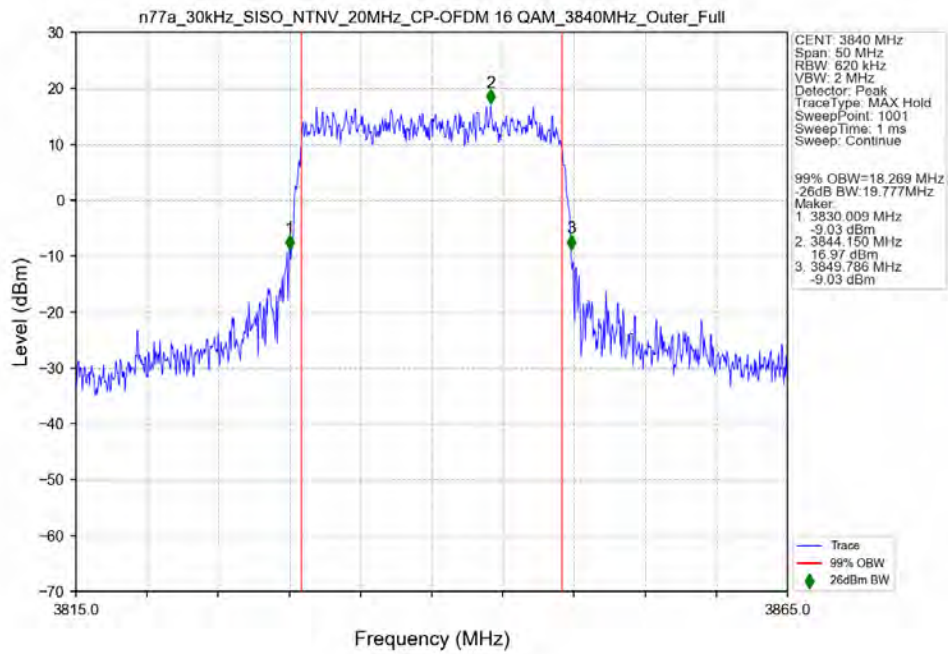
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant2



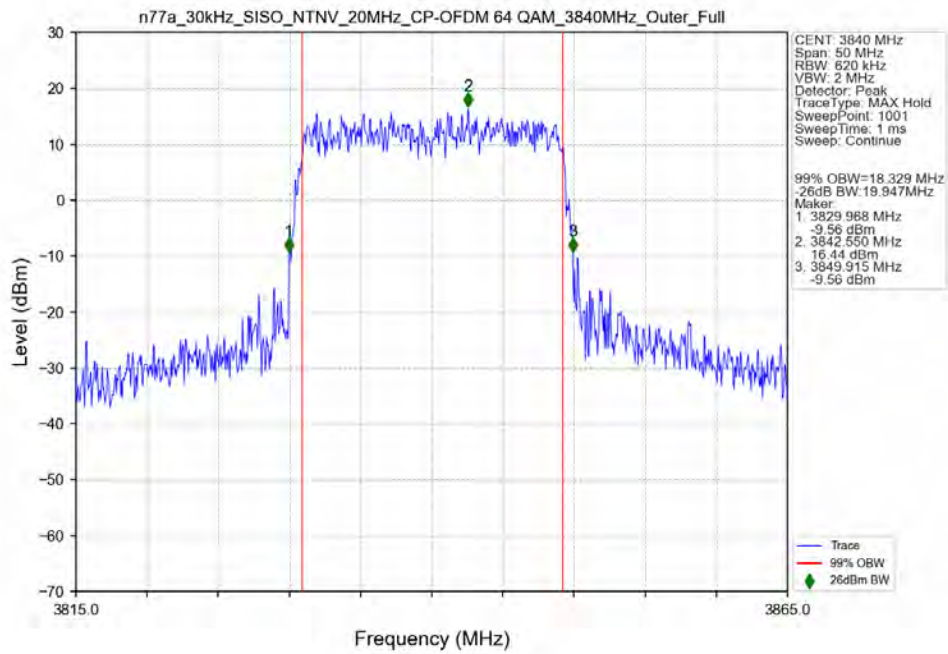
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant2



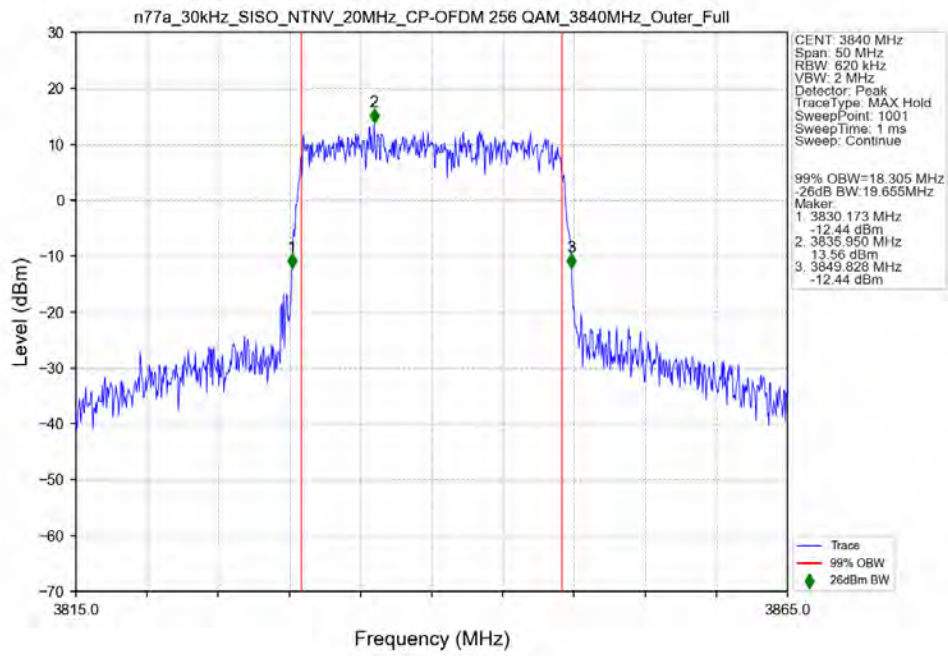
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 3840MHz_Outer_Full_Ant2



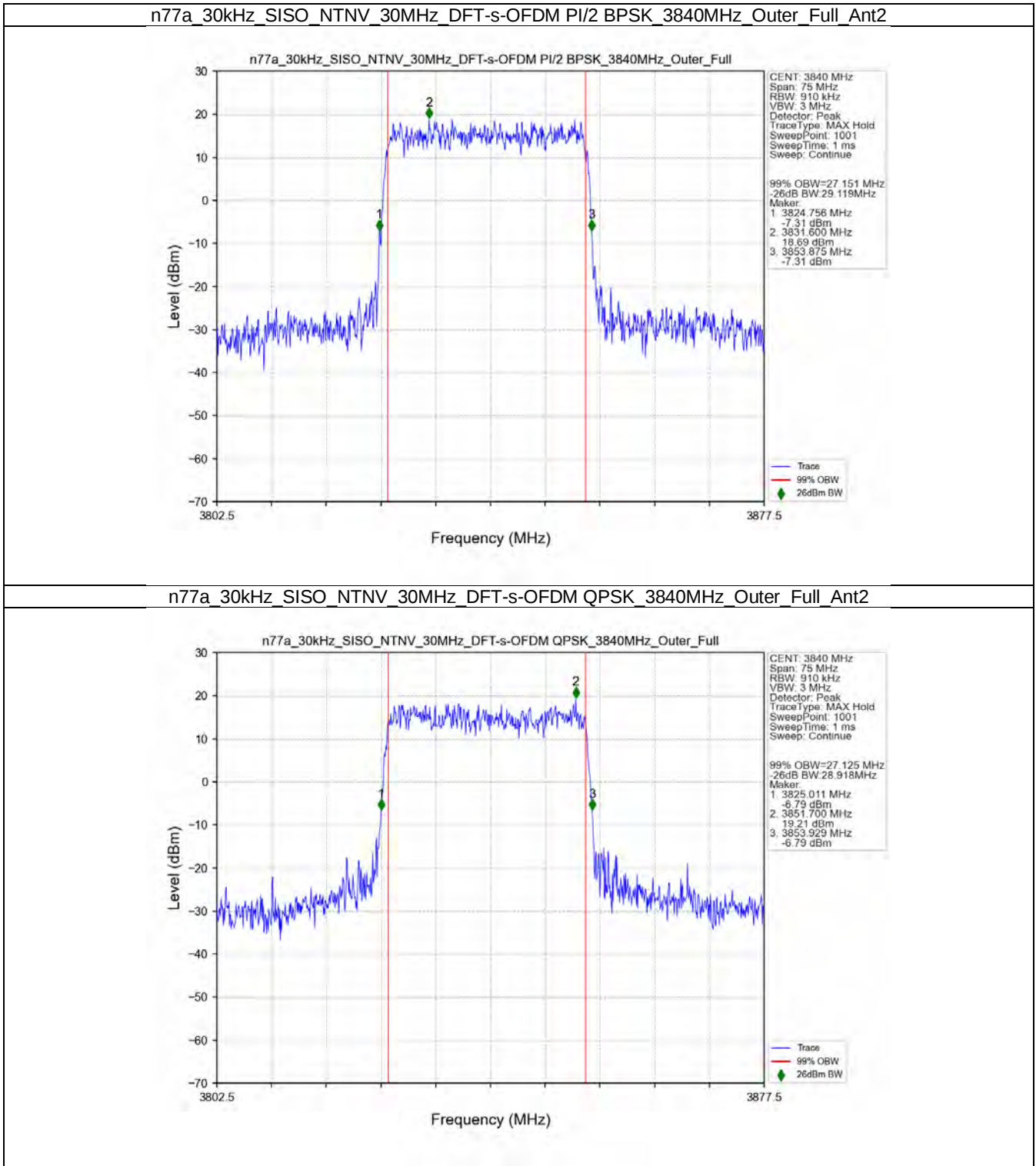
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 3840MHz_Outer_Full_Ant2



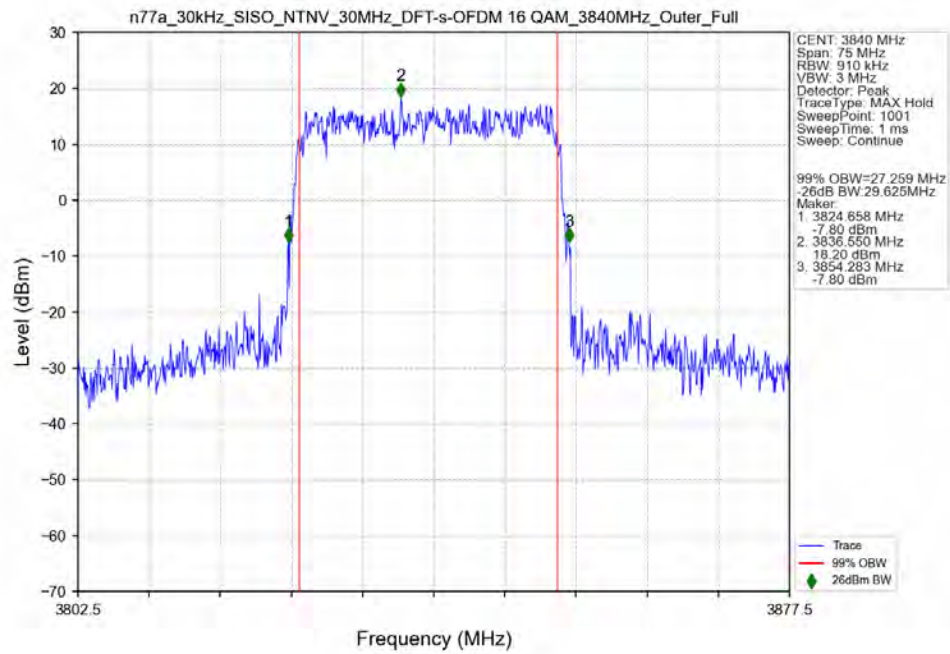
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant2



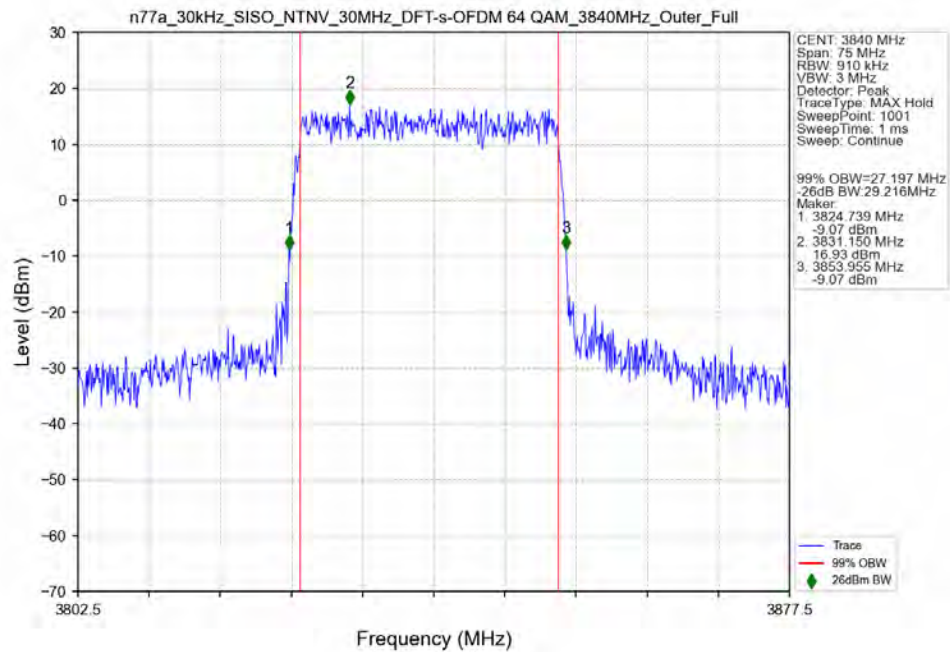
3.2.2 30k_SISO_30MHz_NTNV



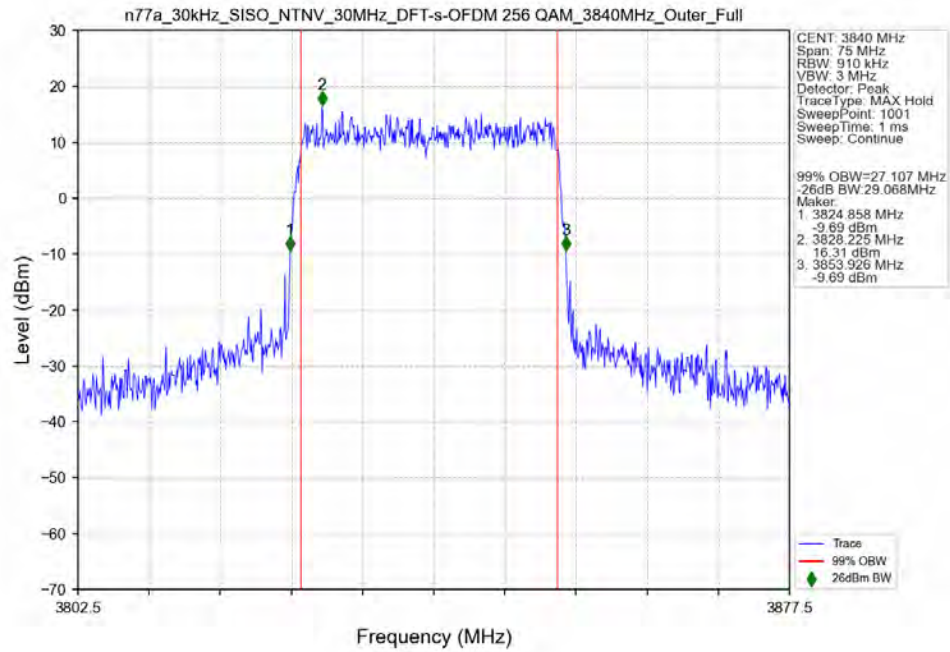
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant2



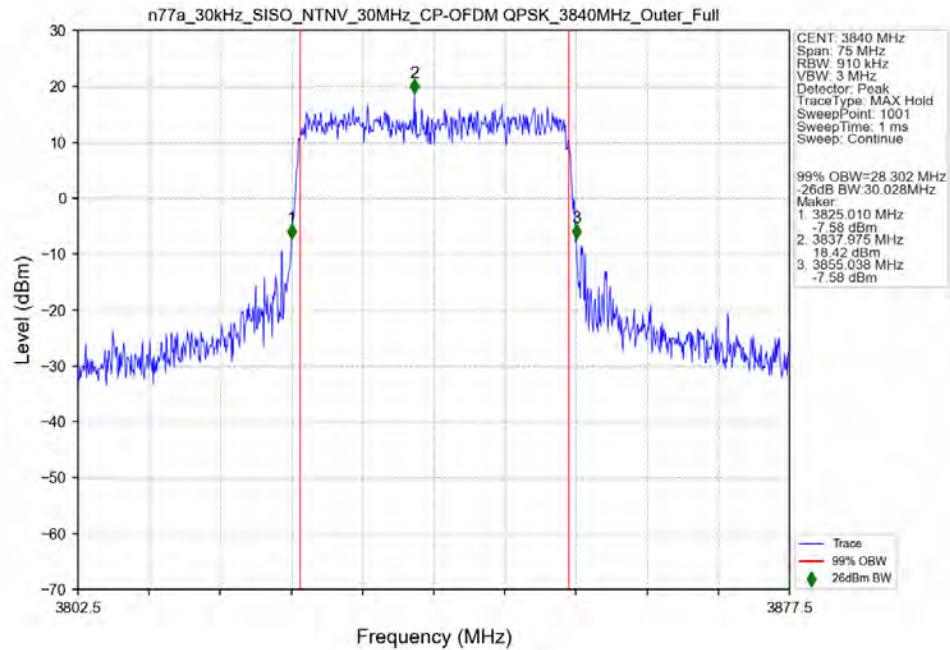
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant2



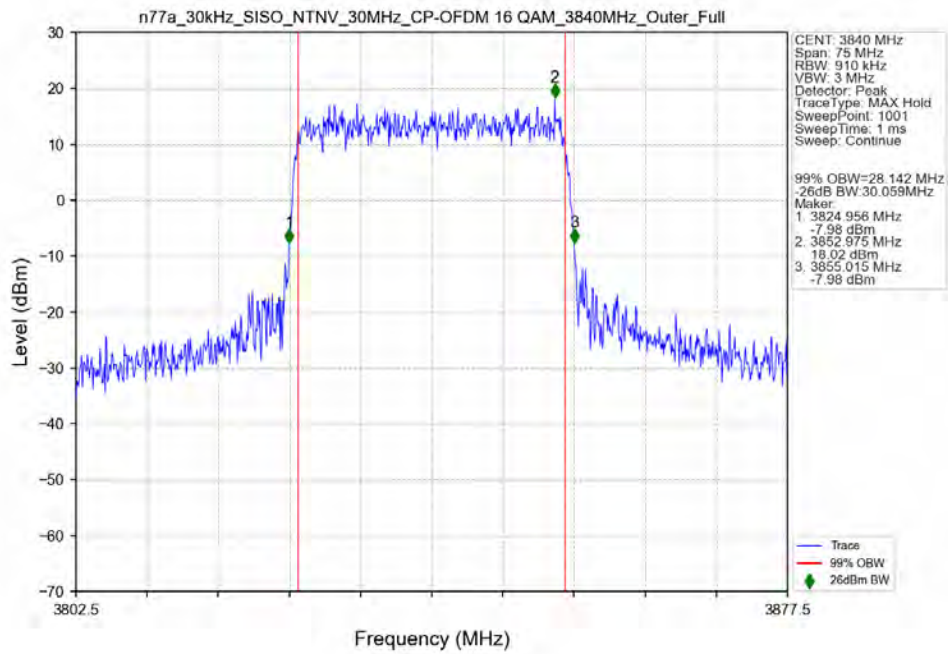
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant2



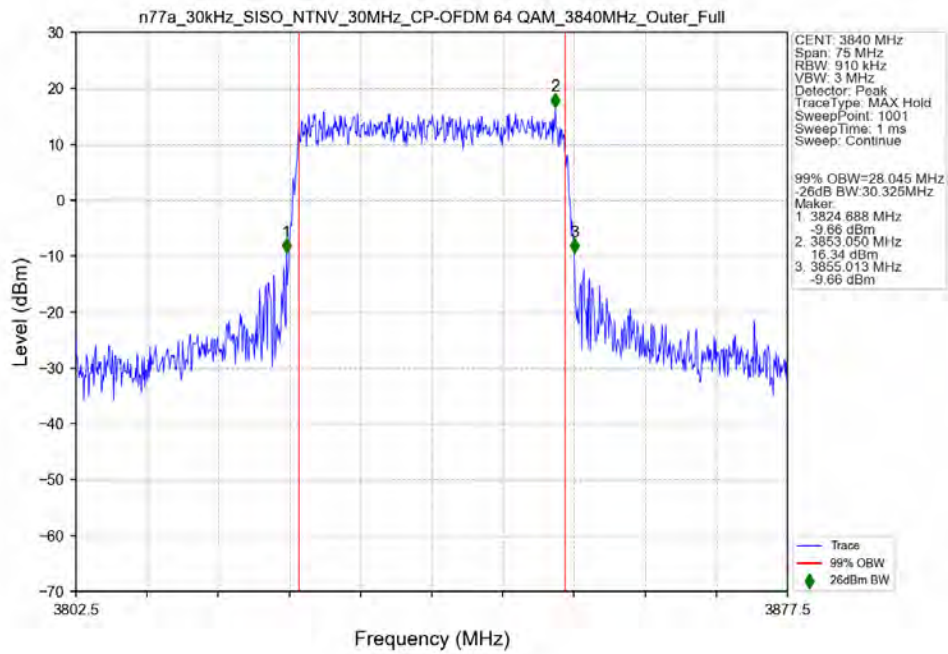
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant2



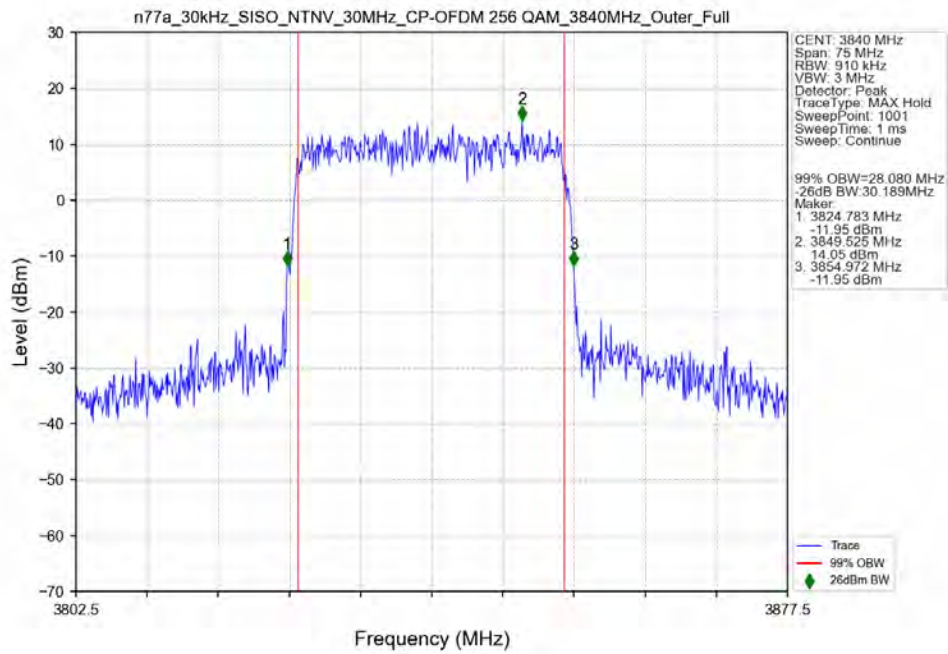
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant2



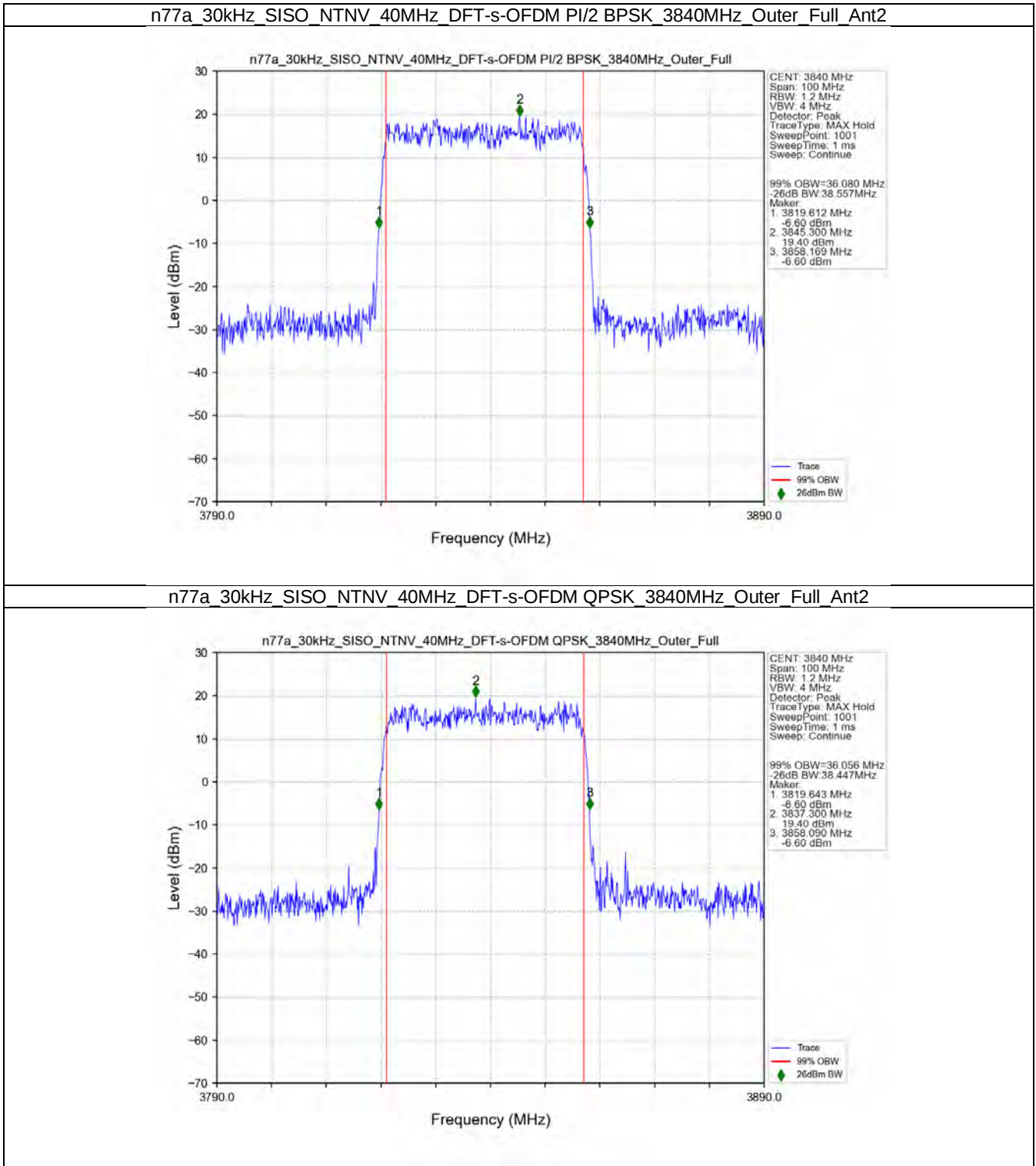
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full_Ant2



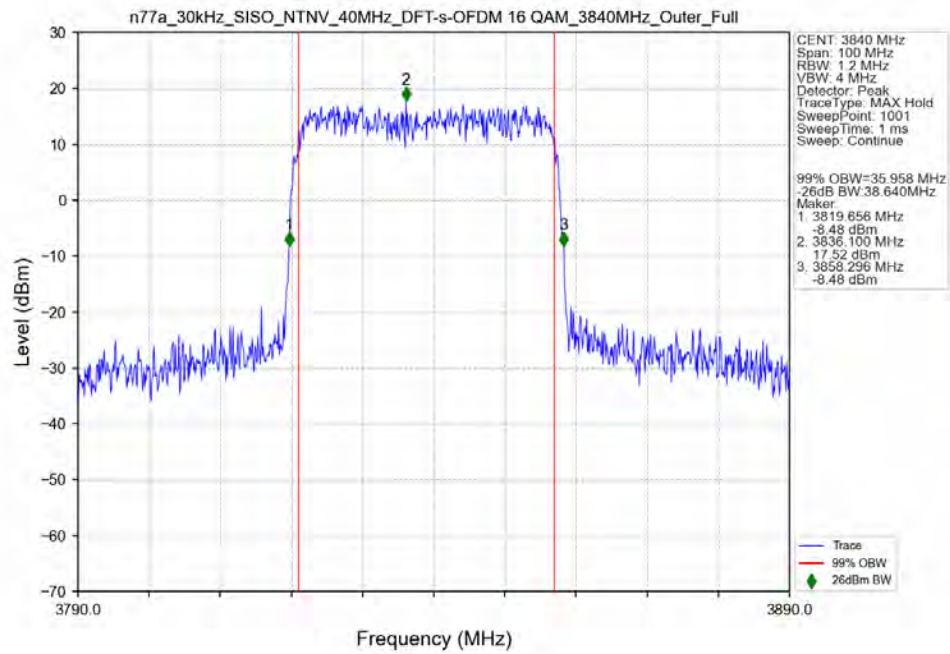
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant2



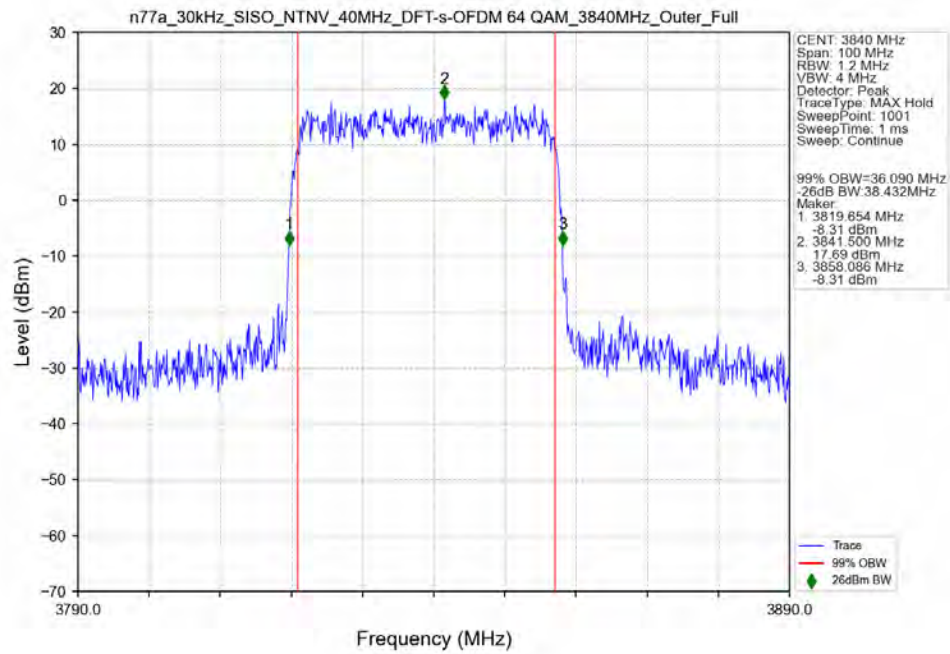
3.2.3 30k_SISO_40MHz_NTNV



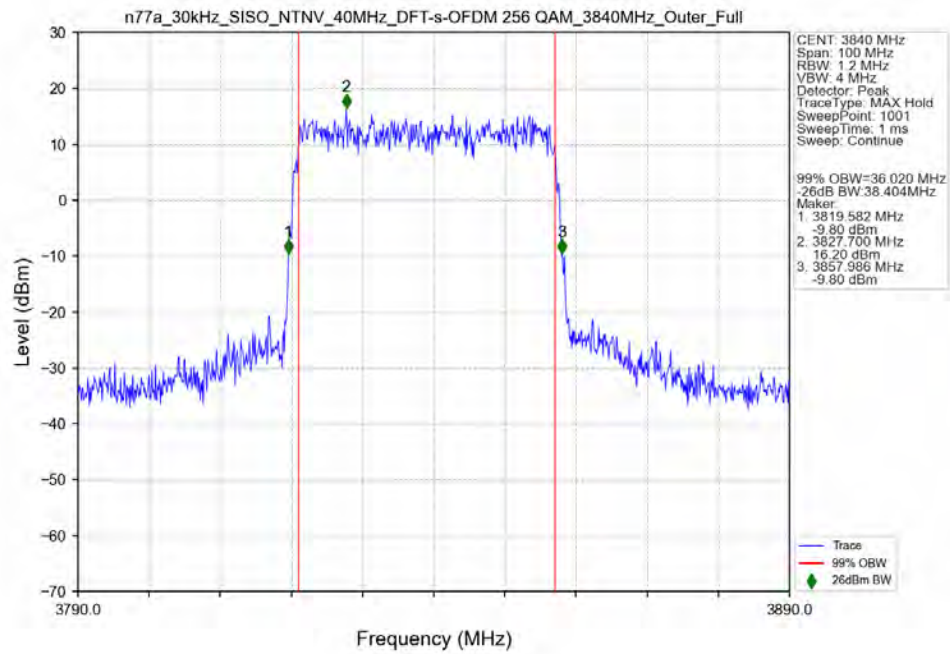
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant2



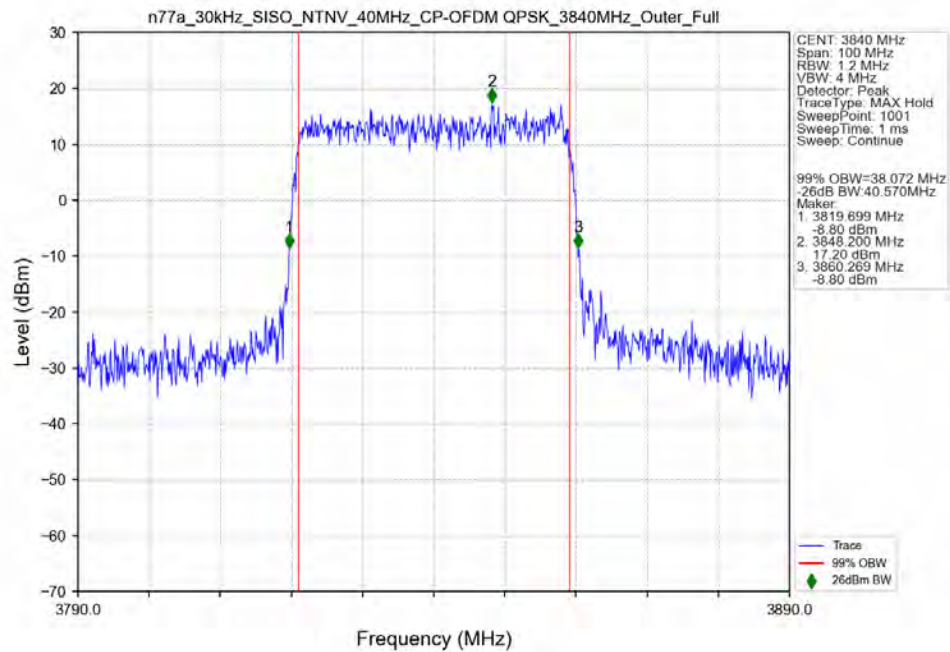
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant2



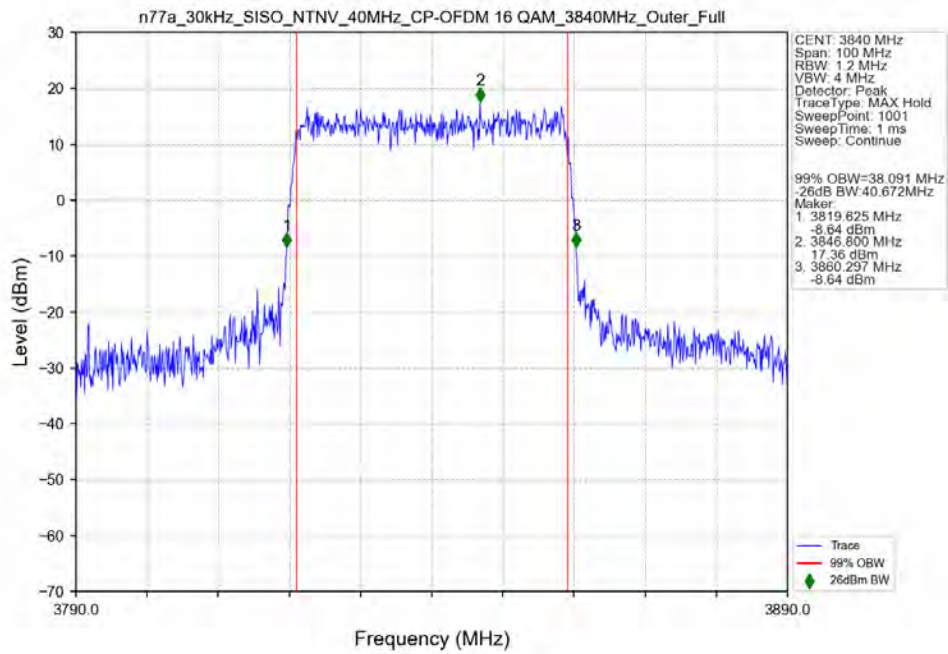
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant2



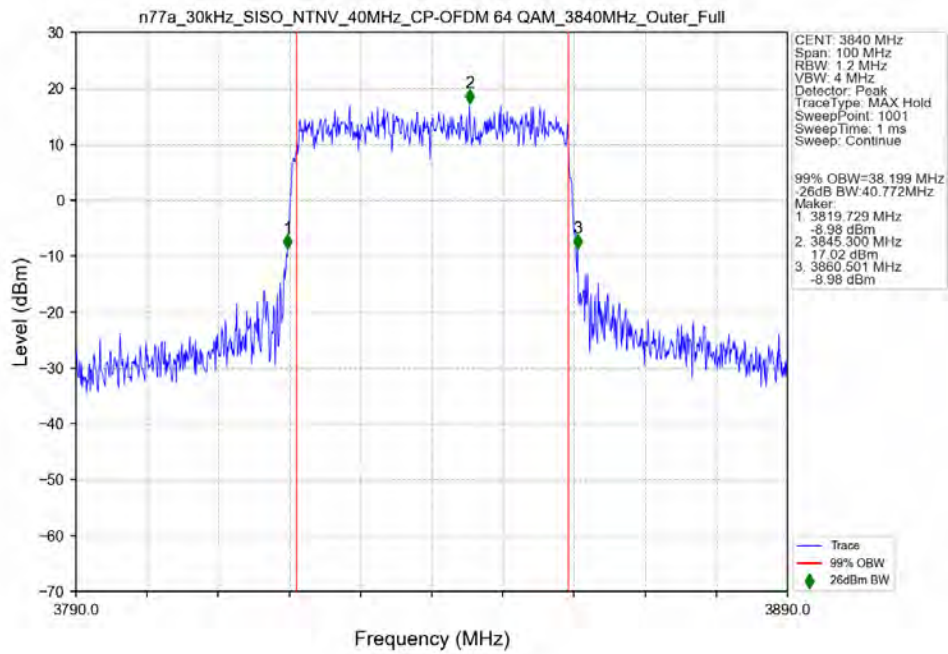
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant2



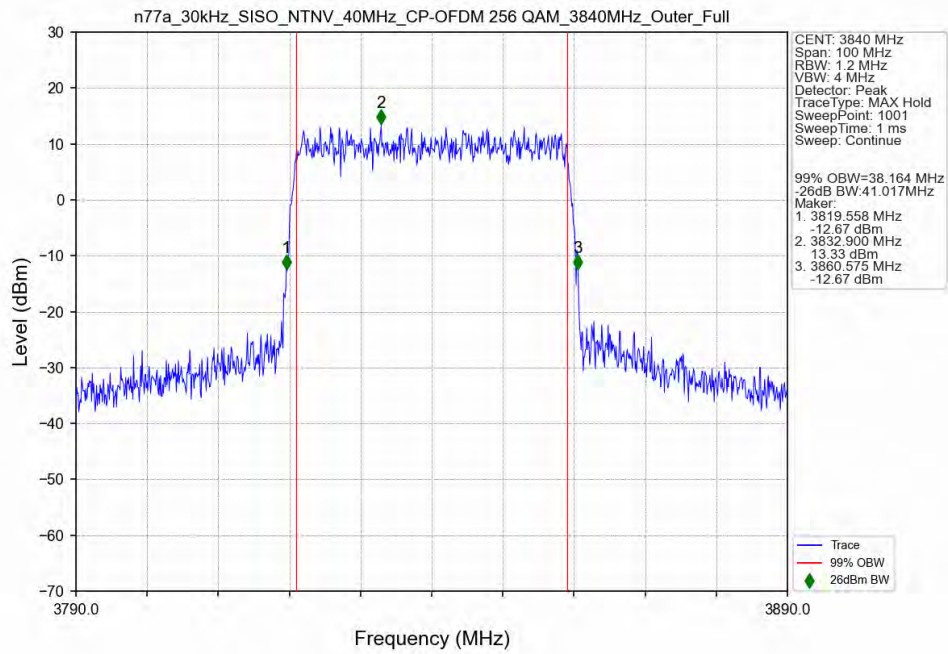
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant2



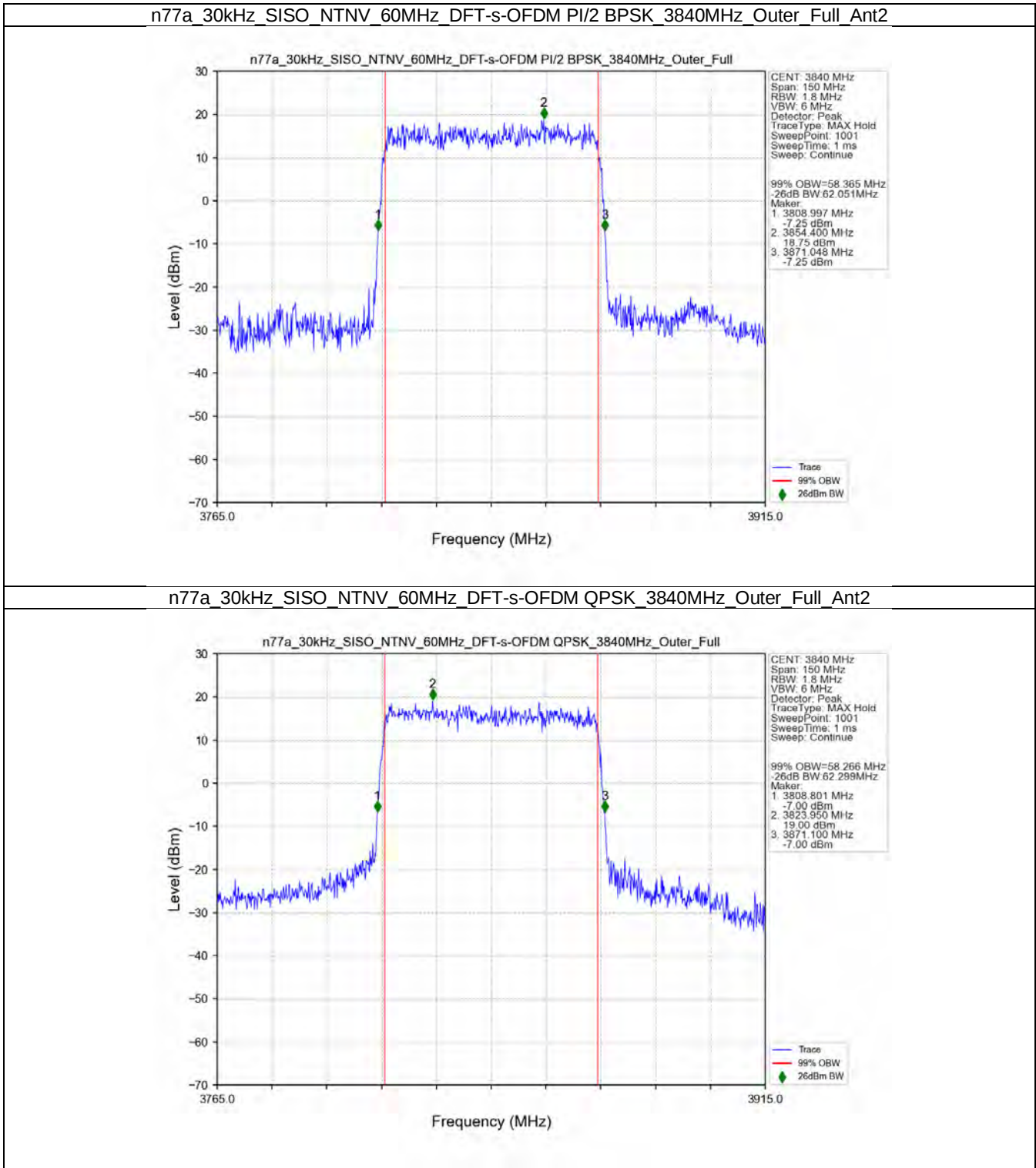
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full_Ant2



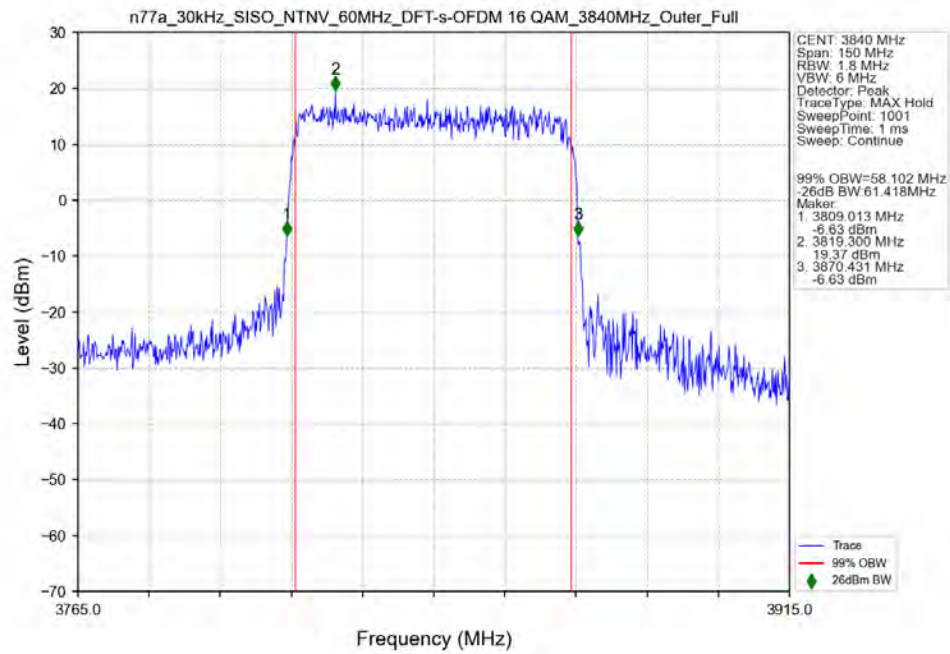
n77a 30kHz SISO NTN 40MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant2



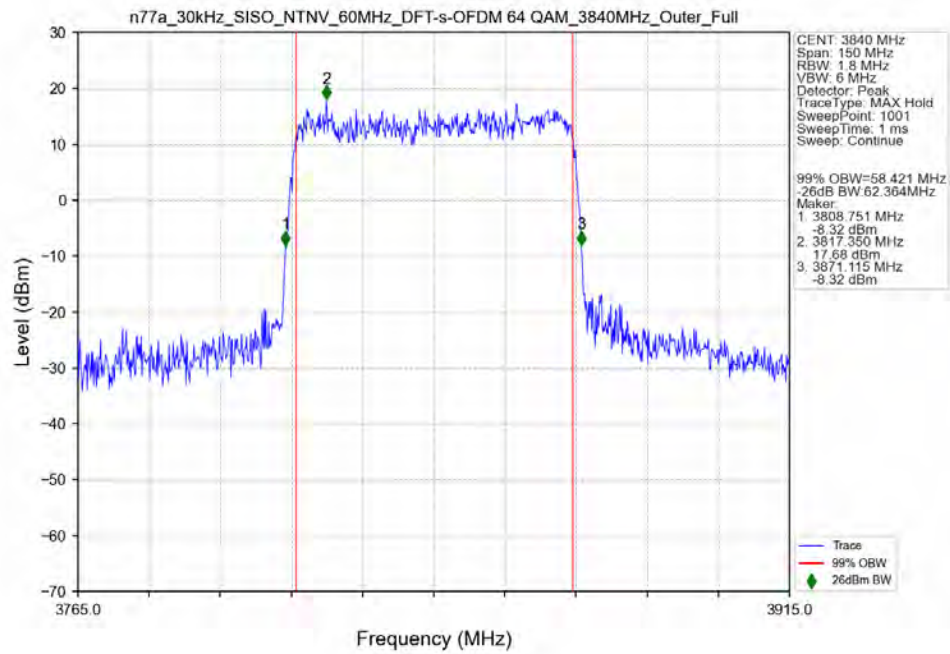
3.2.4 30k_SISO_60MHz_NTNV



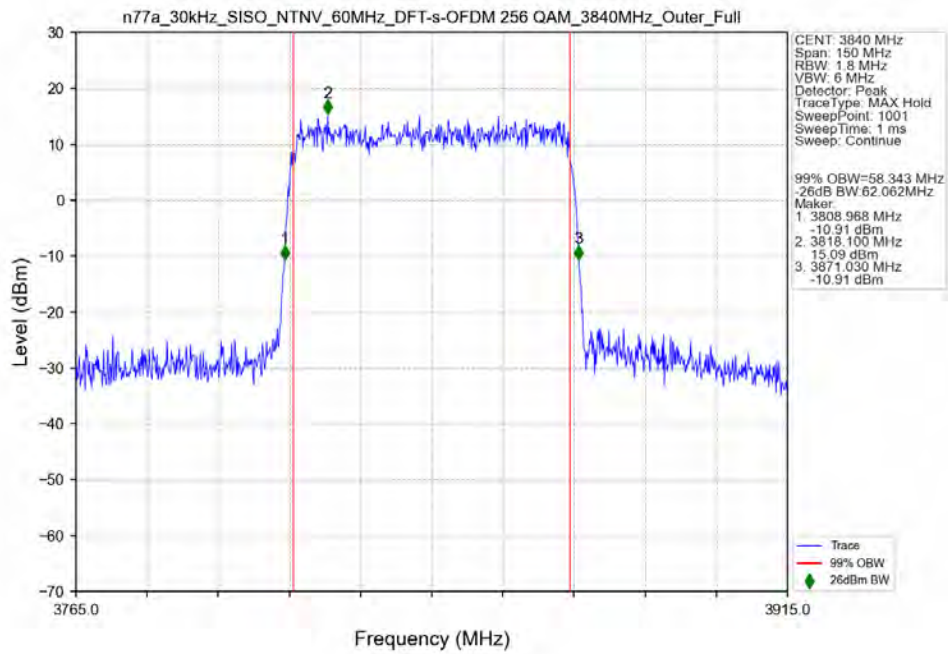
n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant2



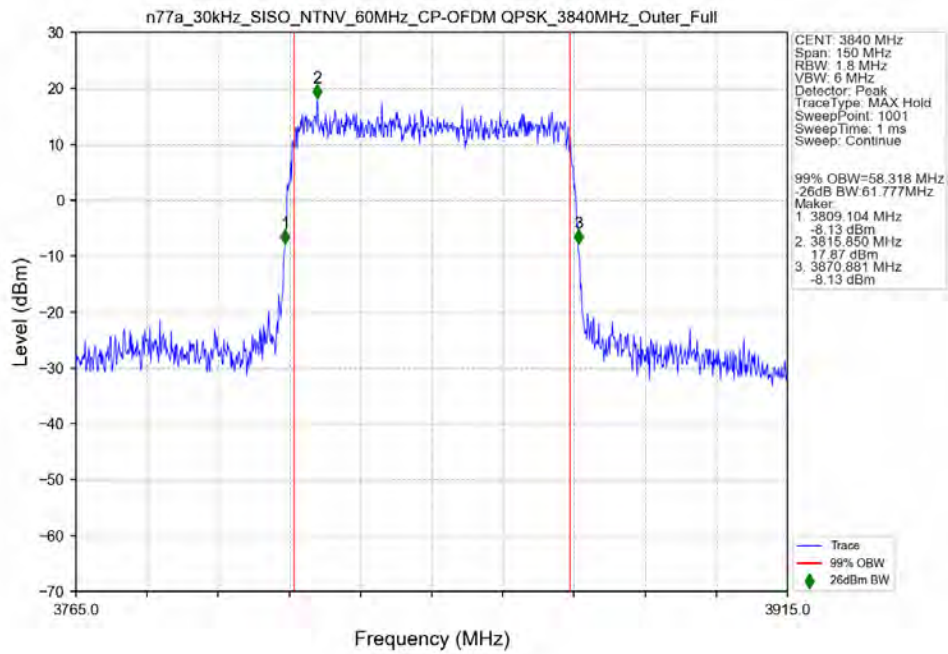
n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant2



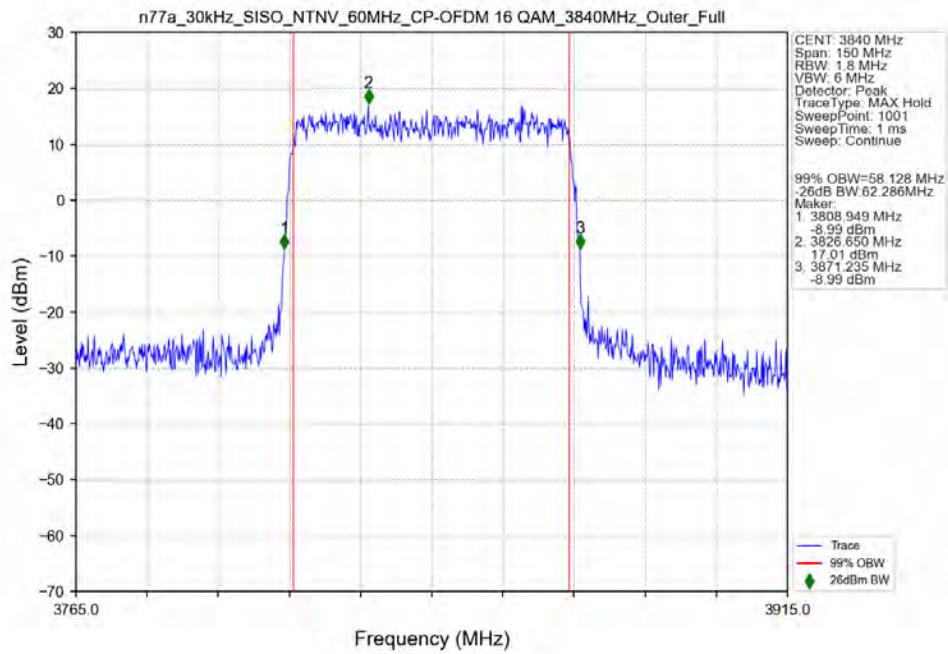
n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant2



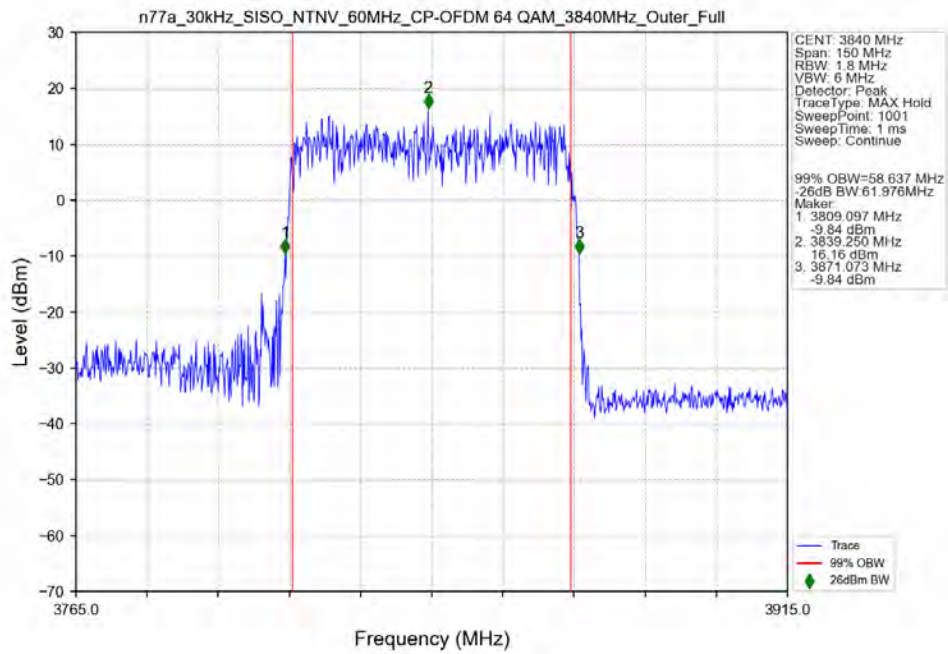
n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant2



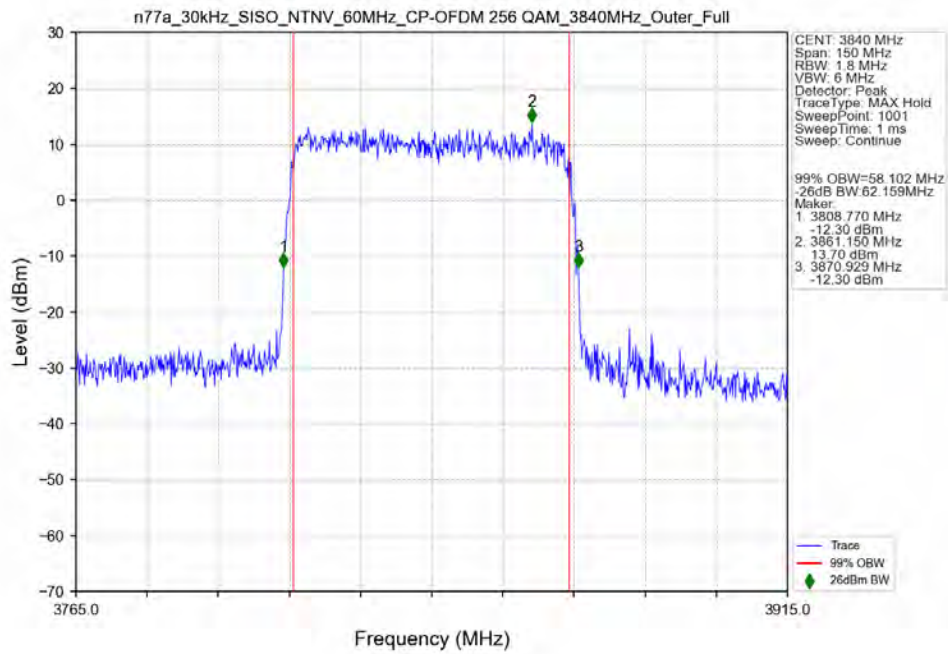
n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant2



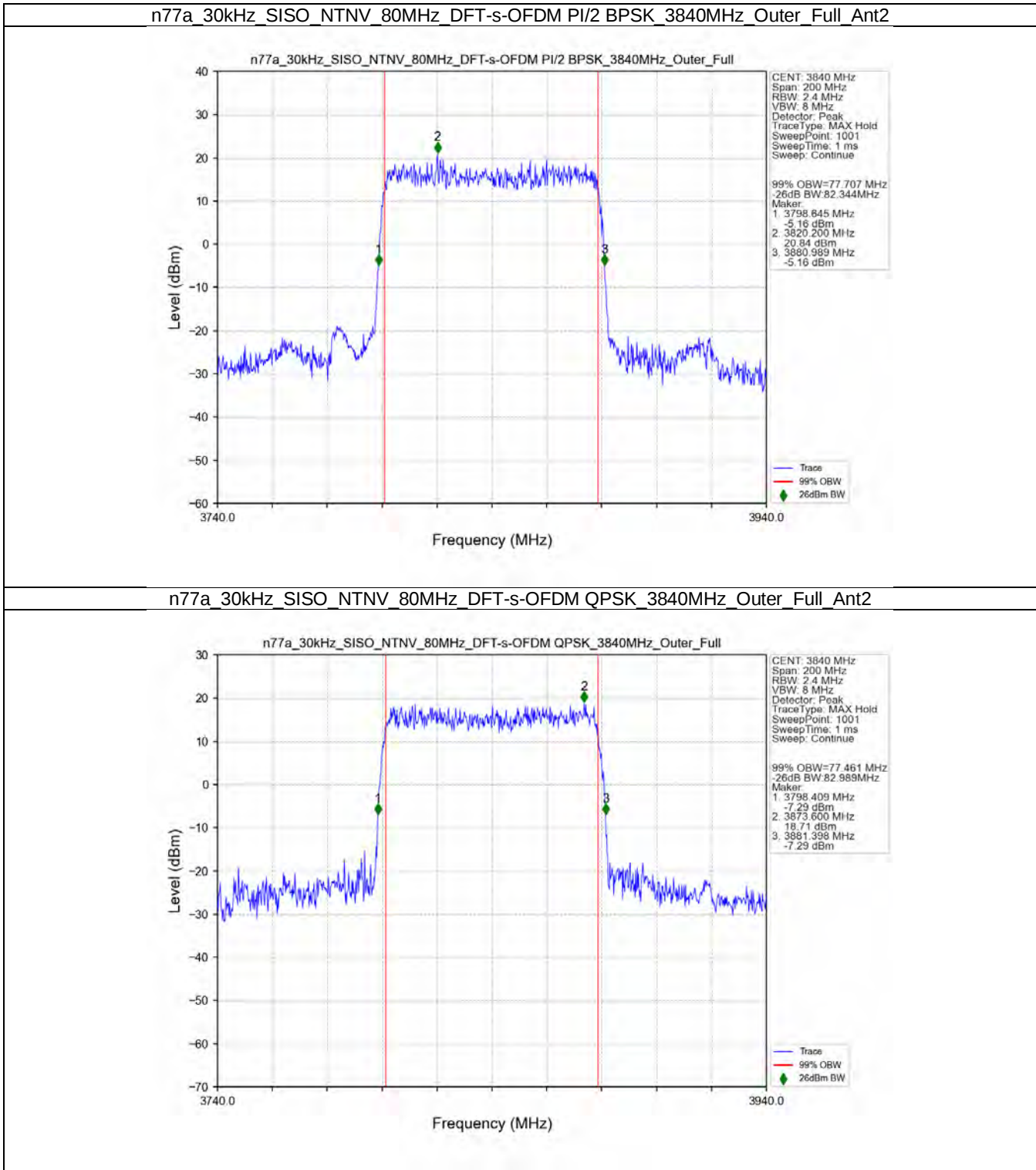
n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full_Ant2



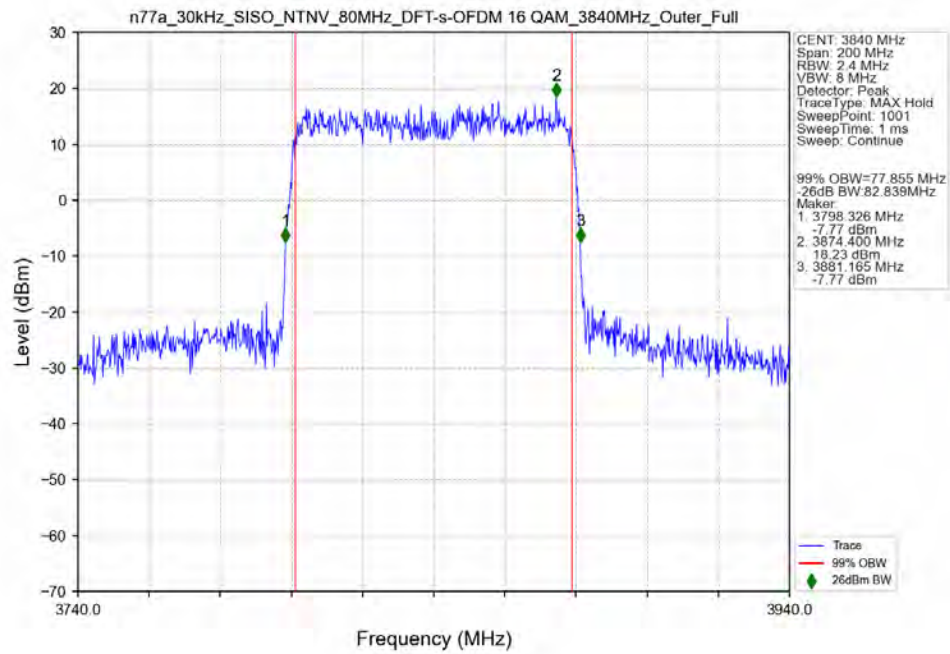
n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant2



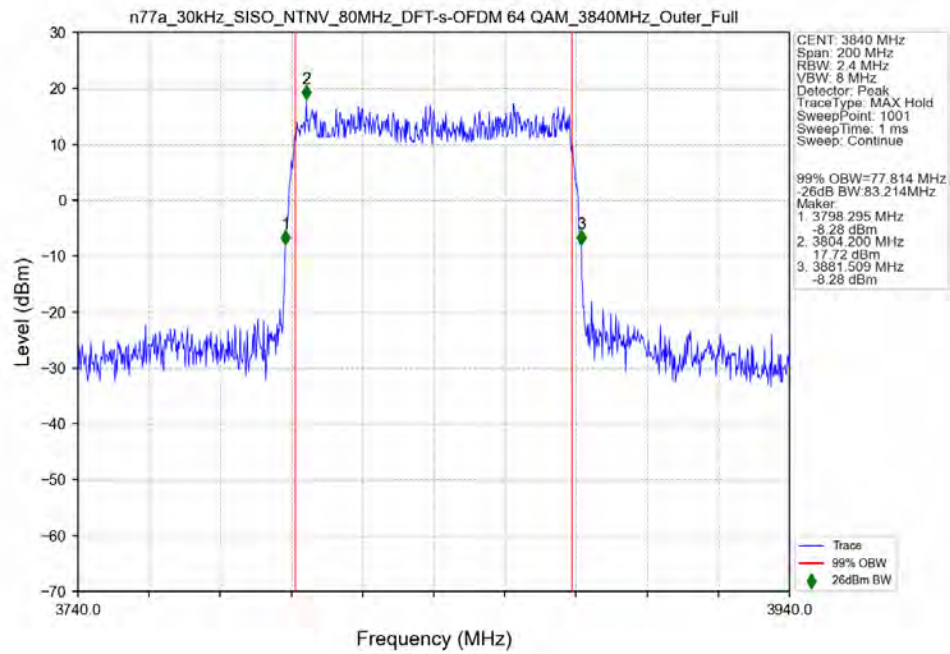
3.2.5 30k_SISO_80MHz_NTNV



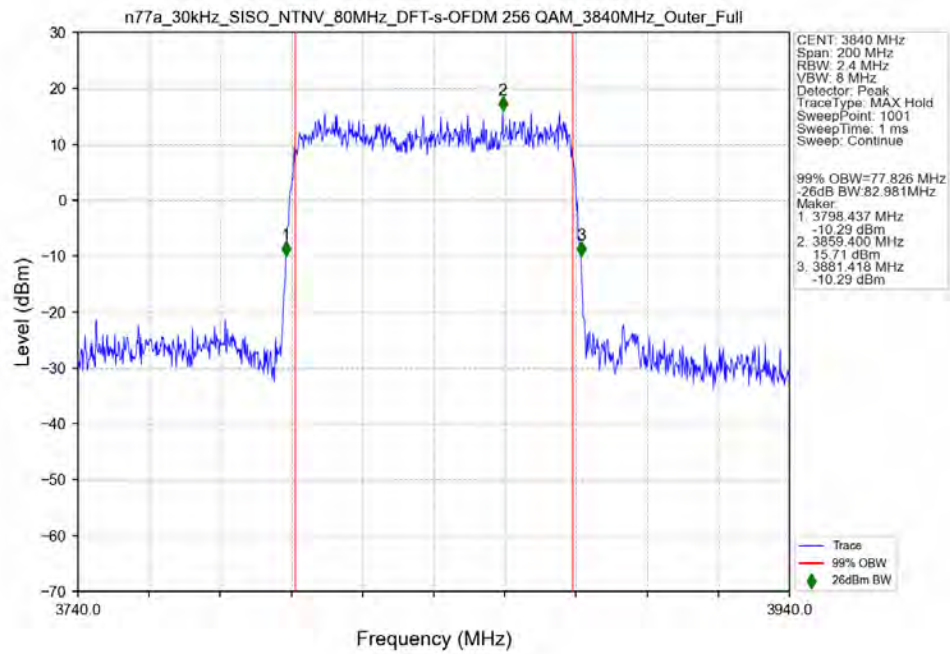
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant2



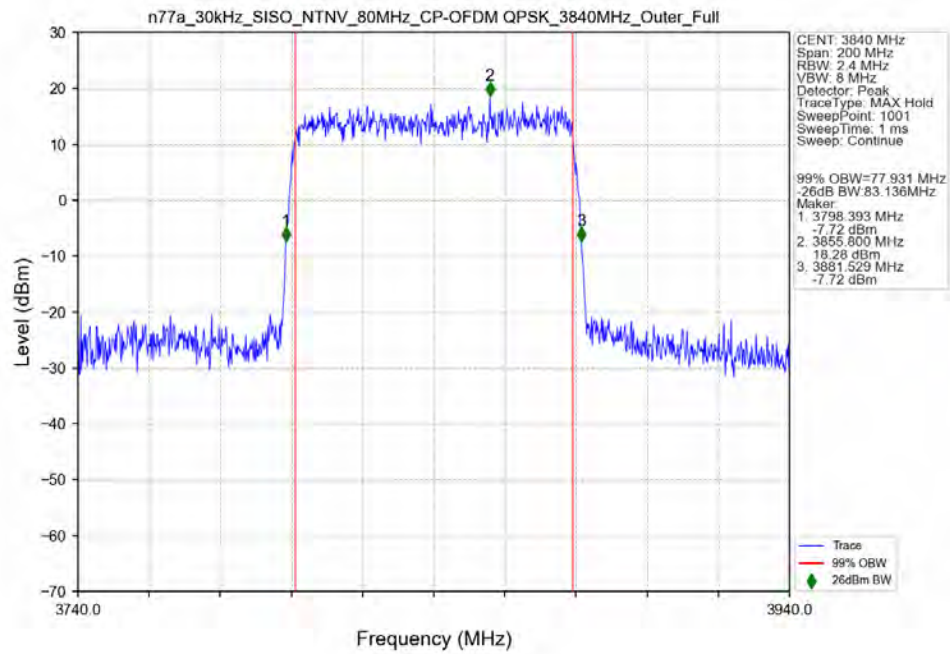
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant2



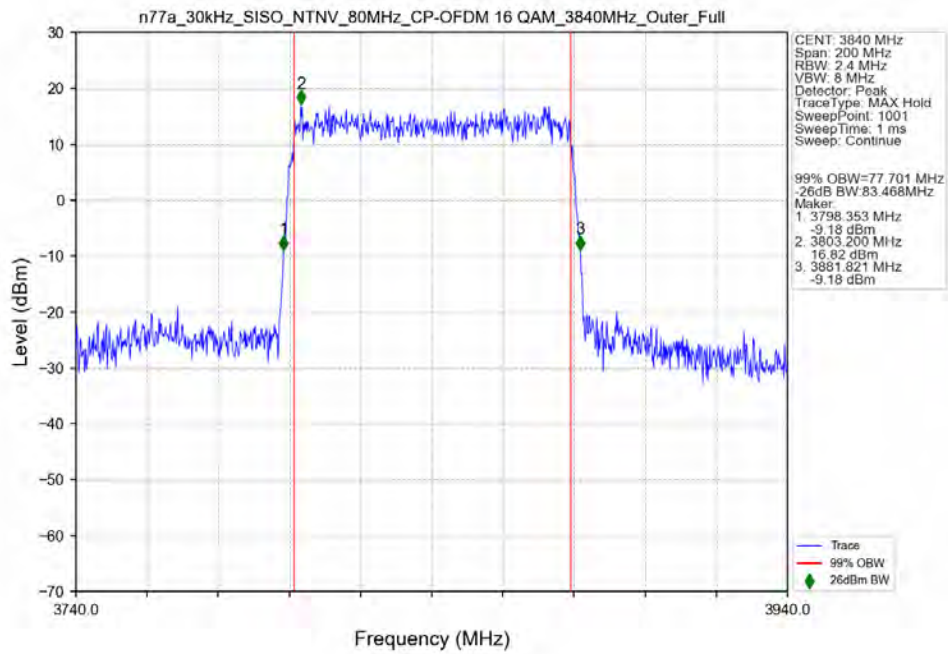
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant2



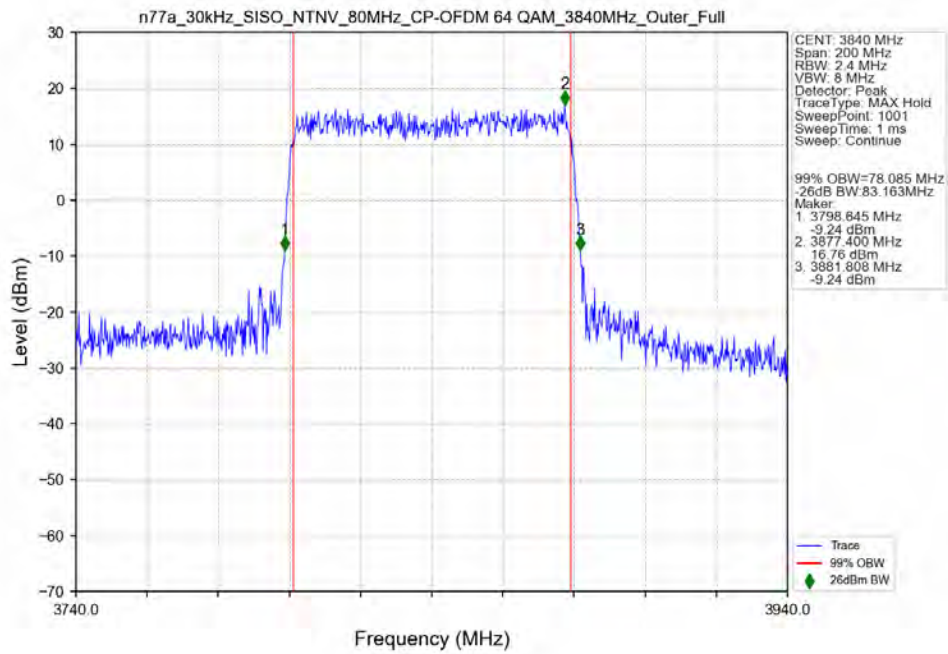
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant2



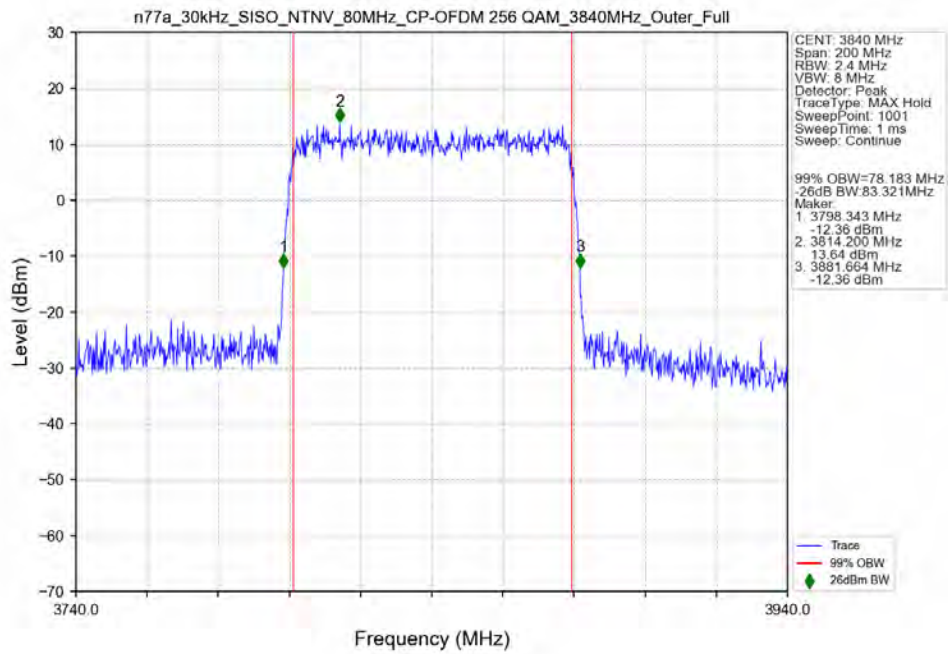
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant2



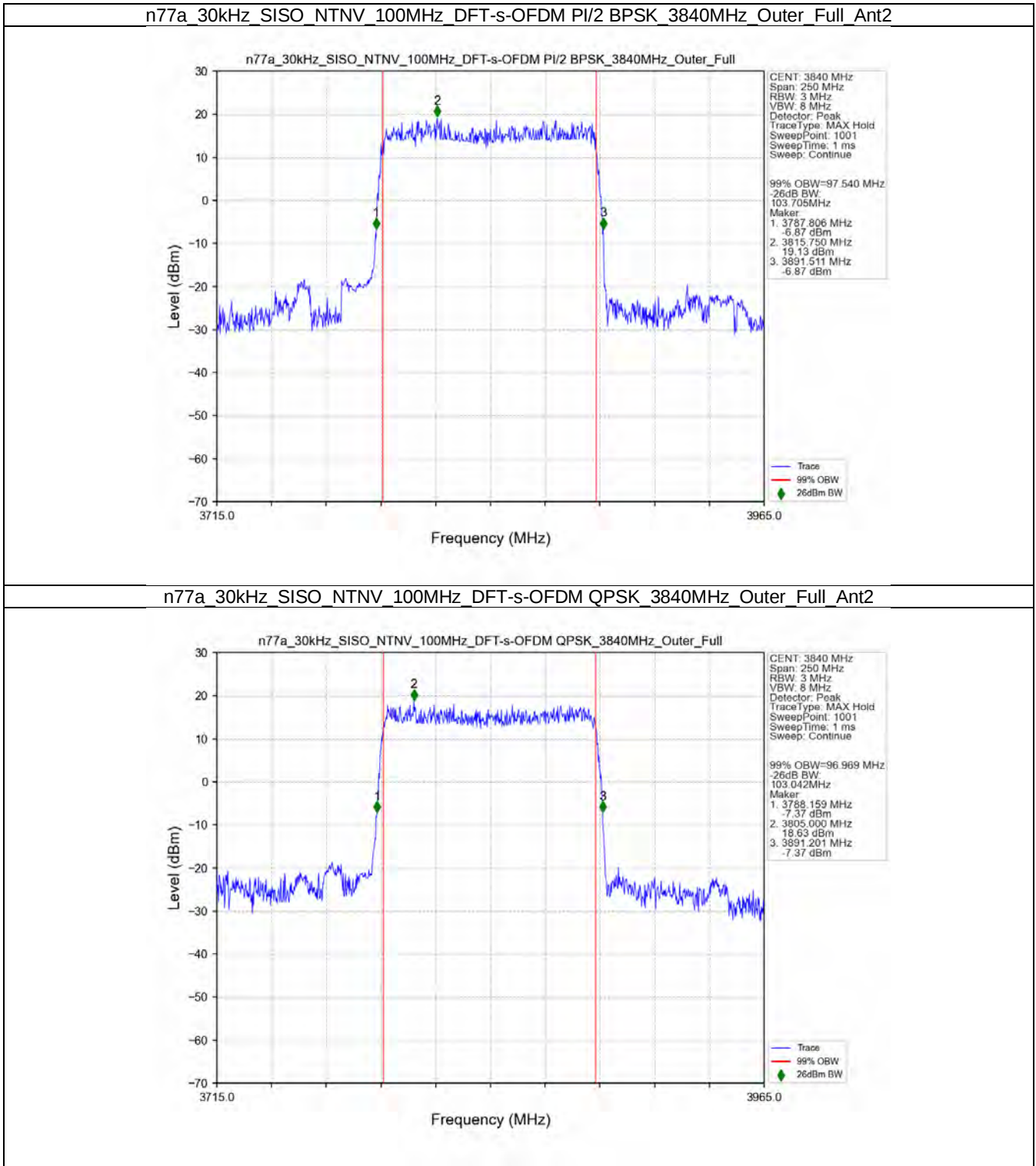
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full_Ant2



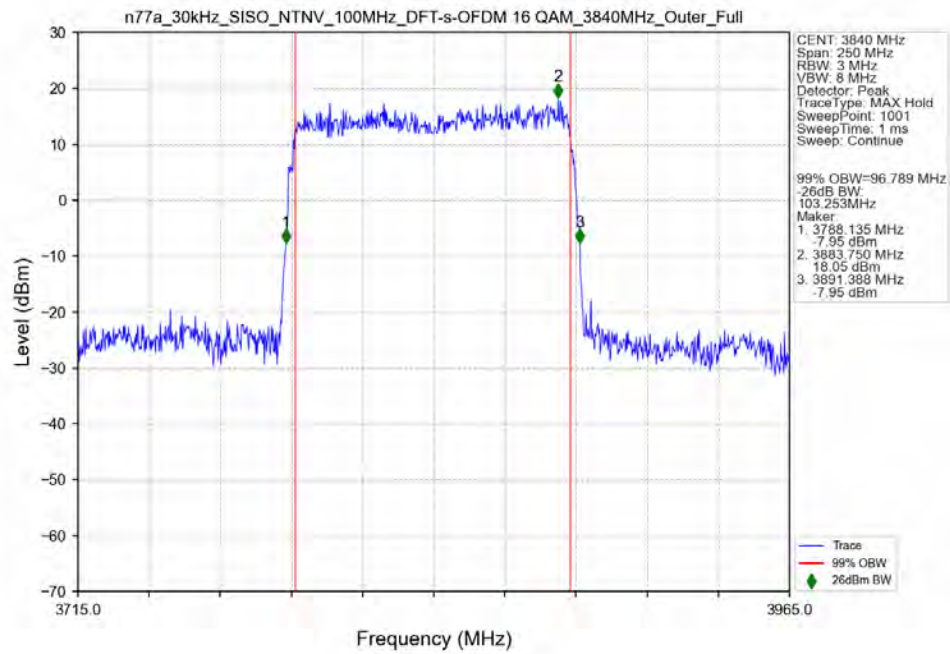
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant2



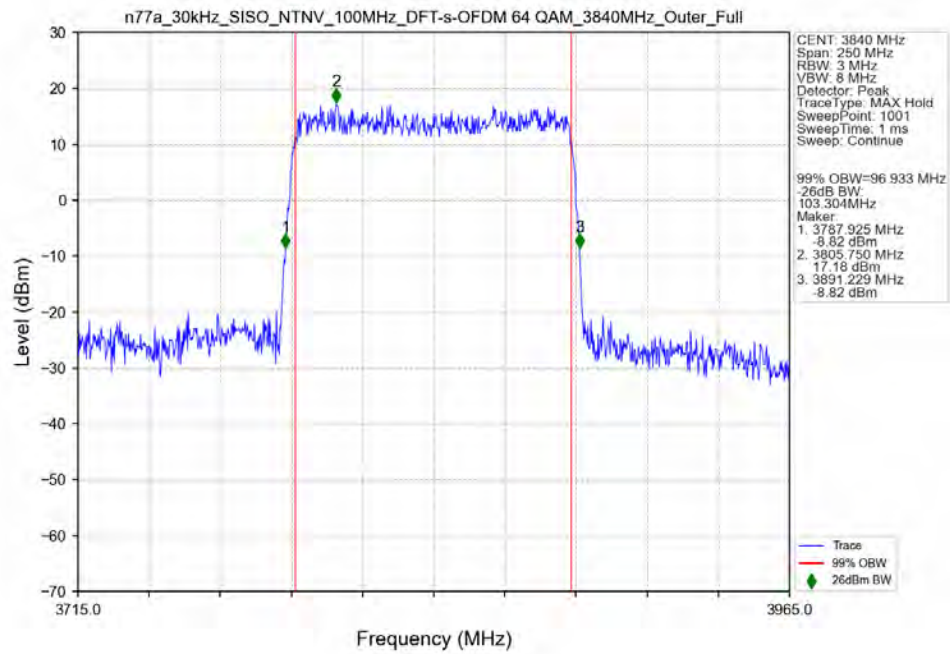
3.2.6 30k_SISO_100MHz_NTNV



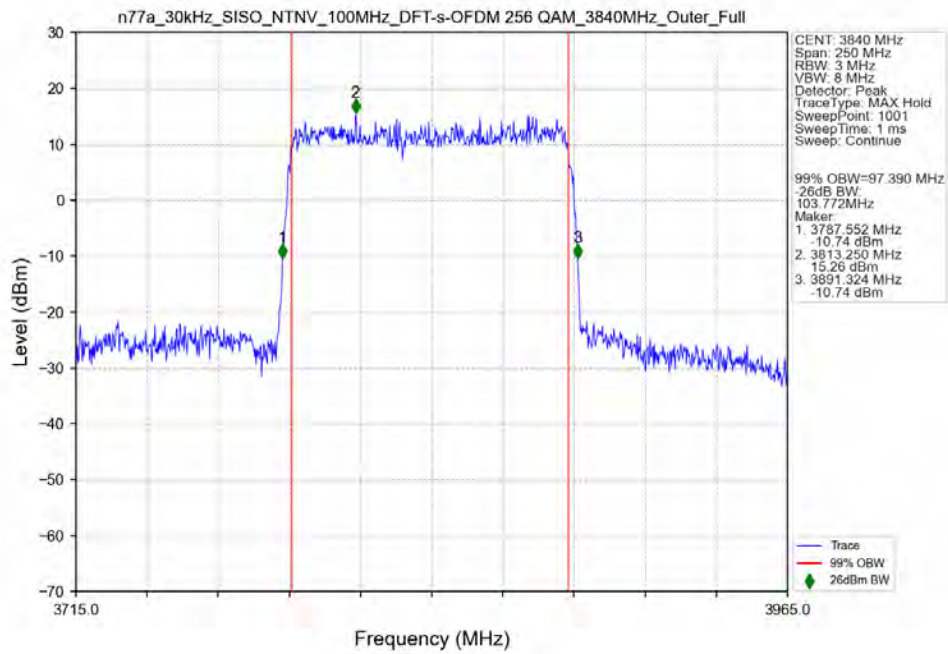
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant2



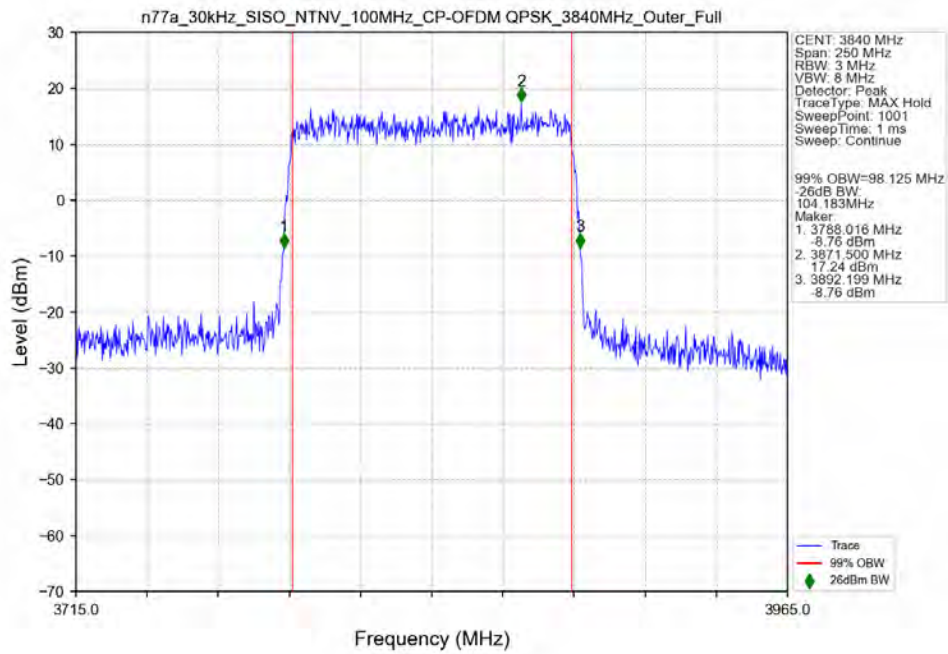
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant2



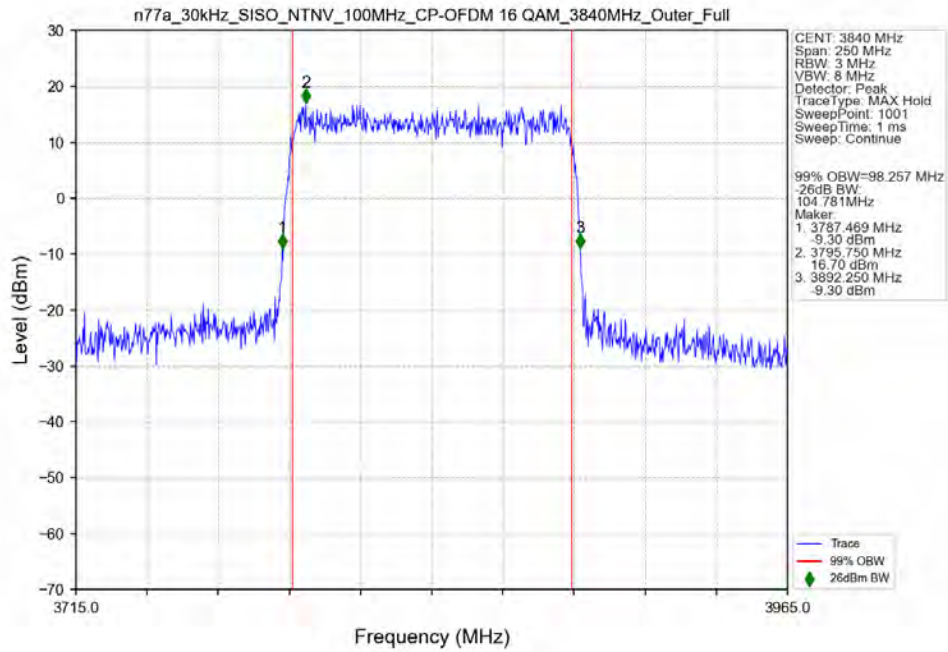
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant2



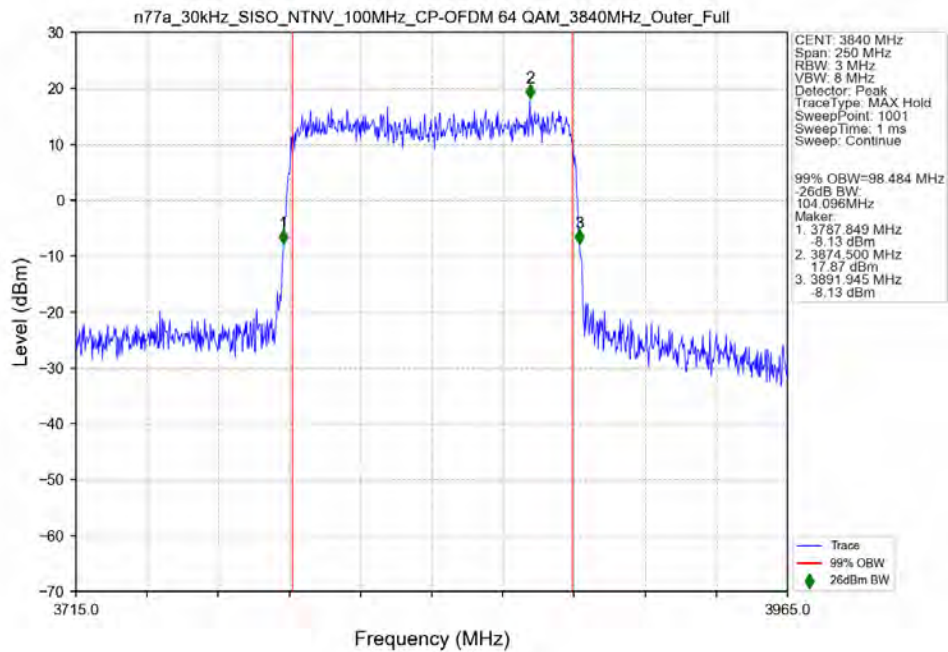
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant2



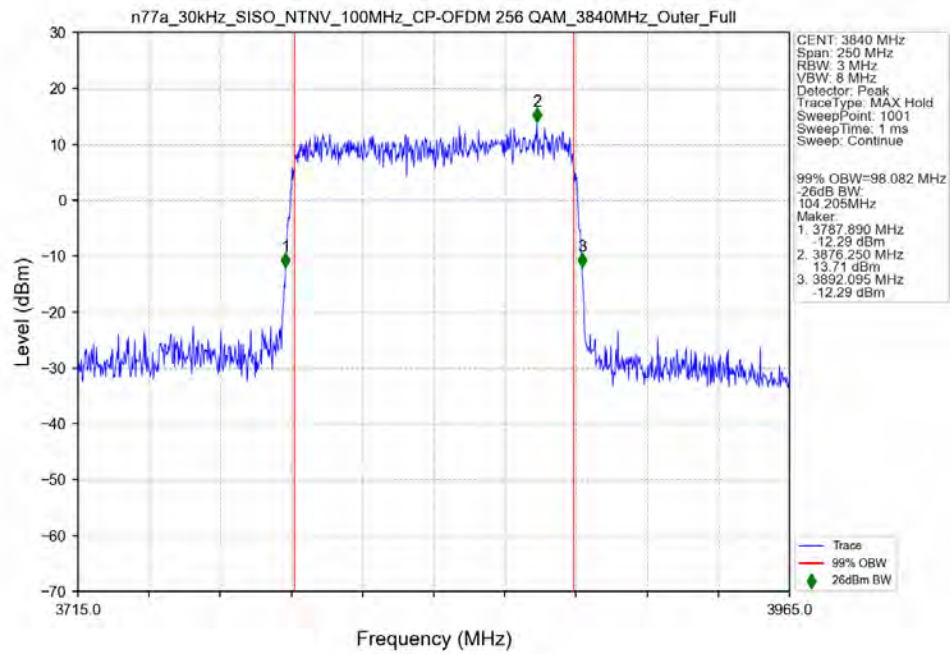
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM 3840MHz Outer Full Ant2



n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM 3840MHz Outer Full Ant2



n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant2



4. Peak-Average Ratio

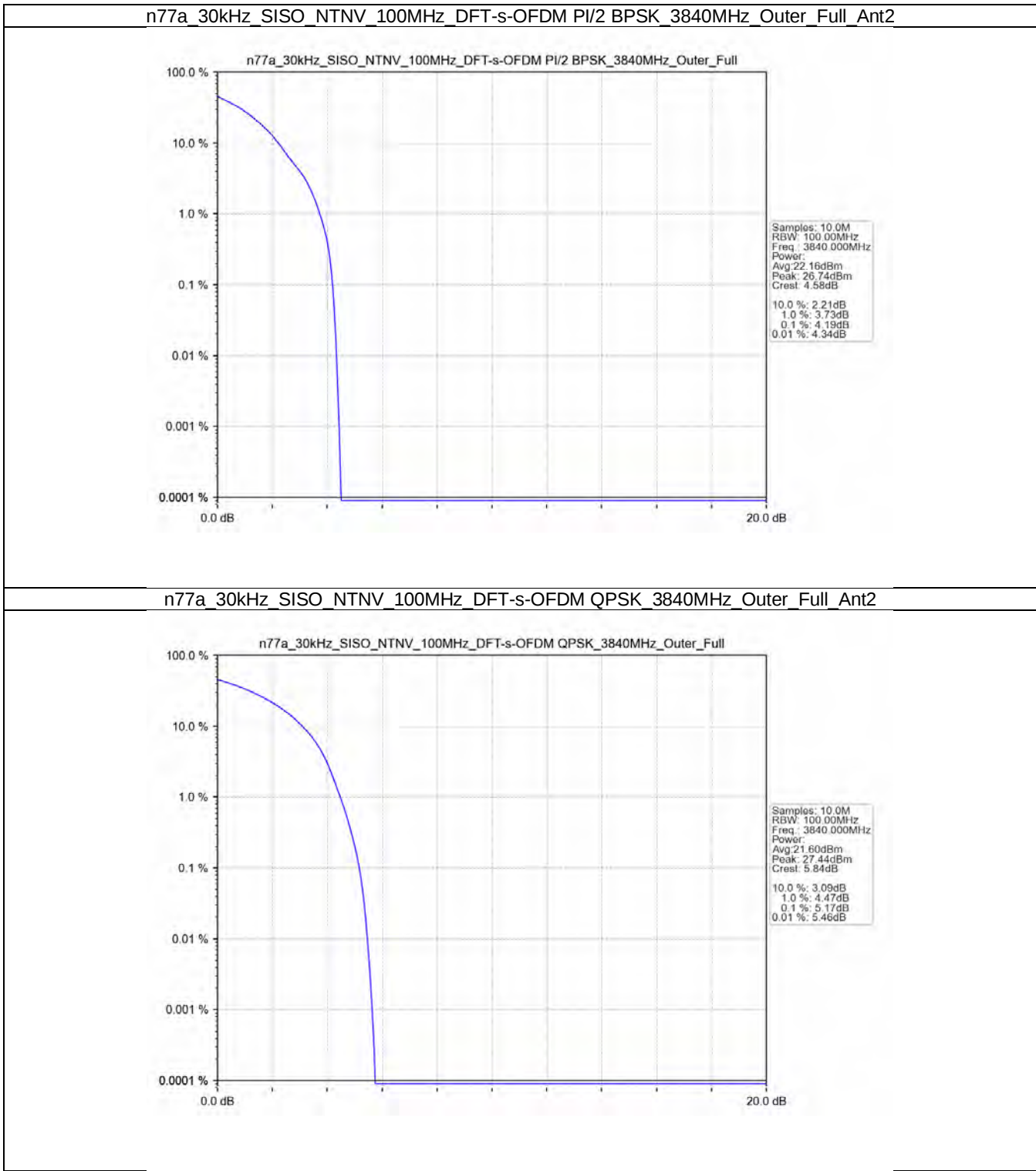
4.1 Test Result

4.1.1 30k_SISO_100MHz_NTNV

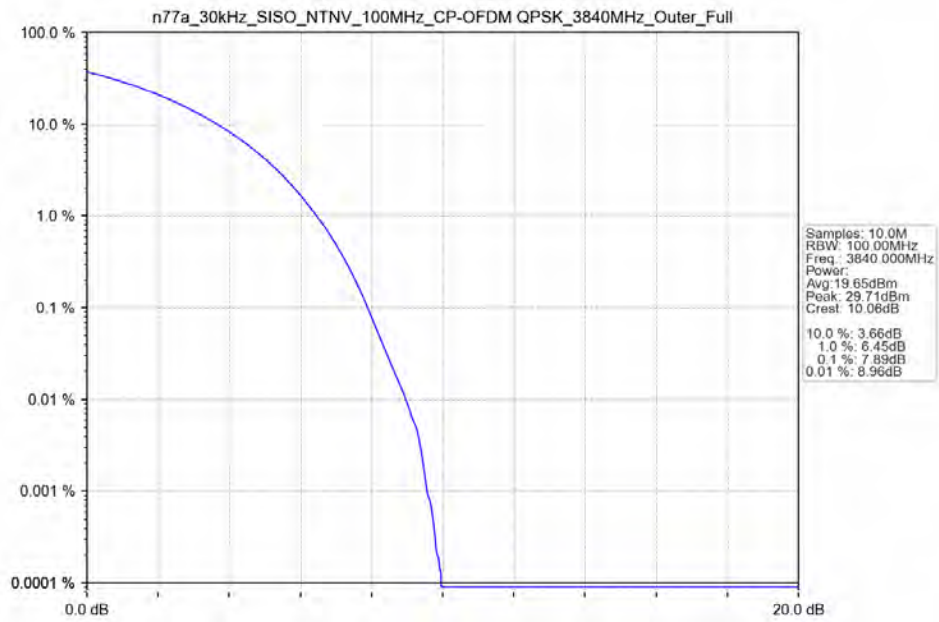
5G NR n77a SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant2	Ant0	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	4.19	/	/	<=13	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	5.17	/	/	<=13	Pass
CP-OFDM QPSK	3840	Outer_Full	7.89	/	/	<=13	Pass

4.2 Test Graph

4.2.1 30k_SISO_100MHz_NTNV



n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant2



5. Spurious Emission

5.1 Test Result

5.1.1 30k_SISO_20MHz_NTNV

5G NR n77a SCS=30kHz SISO 20MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant2	Ant0	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3710.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	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
DFT-s-OFDM QPSK	3710.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	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
CP-OFDM QPSK	3710.01	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	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

5.1.2 30k_SISO_60MHz_NTNV

5G NR n77a SCS=30kHz SISO 60MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant2	Ant0	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3730.02	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	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
DFT-s-OFDM QPSK	3730.02	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	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
CP-OFDM QPSK	3730.02	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	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

5.1.3 30k_SISO_100MHz_NTNV

5G NR n77a SCS=30kHz SISO 100MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant2	Ant0	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Edge 1RB Left	Refer To Test Graph				Pass

	3840	Outer_Full	Refer To Test Graph	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass
	3930	Edge_1RB_Right	Refer To Test Graph	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	Refer To Test Graph	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass
	3840	Outer_Full	Refer To Test Graph	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass
	3930	Edge_1RB_Right	Refer To Test Graph	Pass
CP-OFDM QPSK	3750	Outer_Full	Refer To Test Graph	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass
	3840	Outer_Full	Refer To Test Graph	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass
	3930	Edge_1RB_Right	Refer To Test Graph	Pass

5.1.4 30k_MIMO_20MHz_NTNV

5G NR n77a SCS=30kHz MIMO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant2	Ant0	Sum	Limit	
CP-OFDM QPSK	3710.01	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
	3969.99	Edge_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass

5.1.5 30k_MIMO_60MHz_NTNV

5G NR n77a SCS=30kHz MIMO 60MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant2	Ant0	Sum	Limit	
CP-OFDM QPSK	3730.02	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
	3949.98	Edge_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass

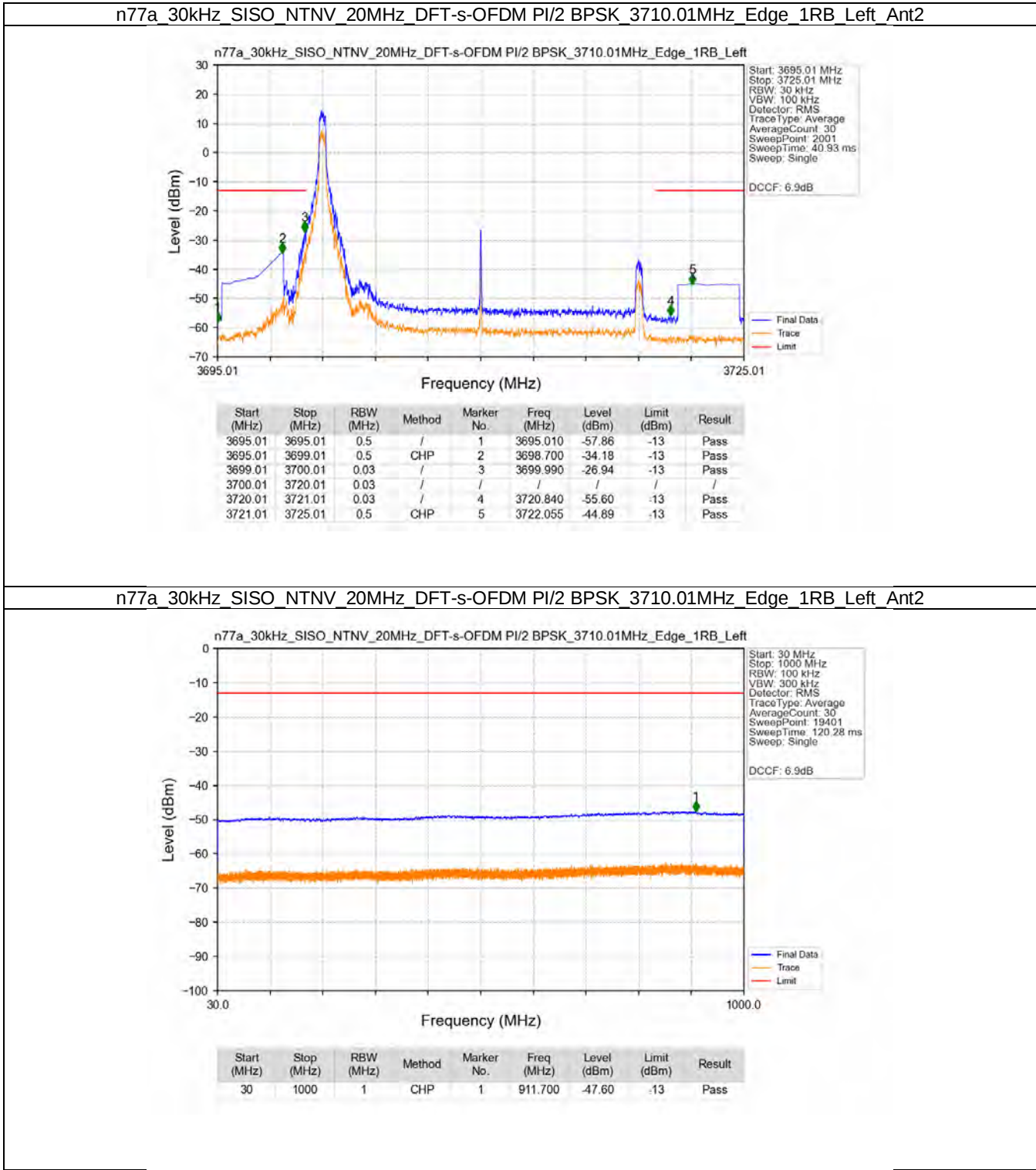
5.1.6 30k_MIMO_100MHz_NTNV

5G NR n77a SCS=30kHz MIMO 100MHz NTN

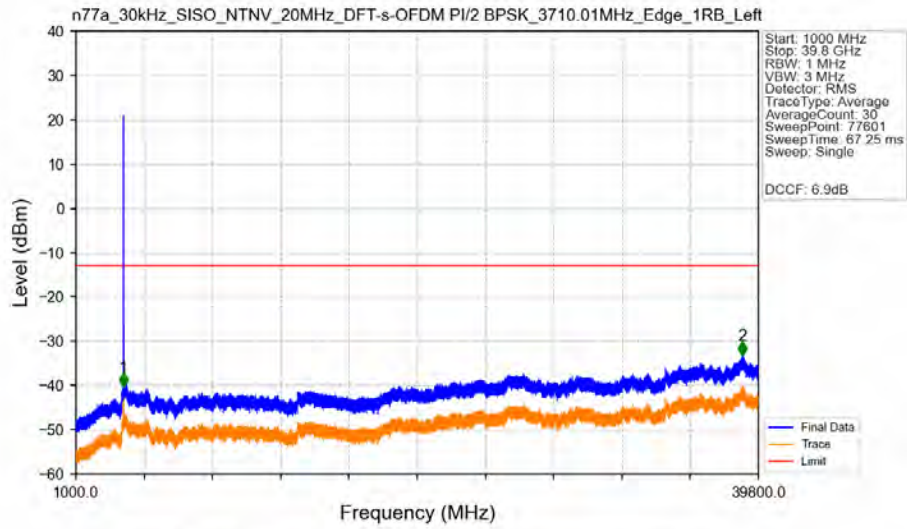
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant2	Ant0	Sum	Limit	
CP-OFDM QPSK	3750	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
	3930	Edge_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass

5.2 Test Graph

5.2.1 30k_SISO_20MHz_NTNV

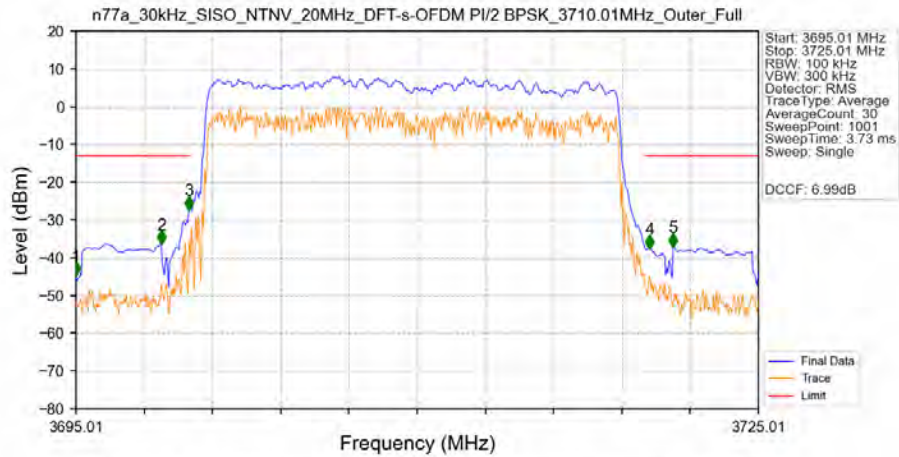


n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_3710.01MHz_Edge_1RB_Left_Ant2



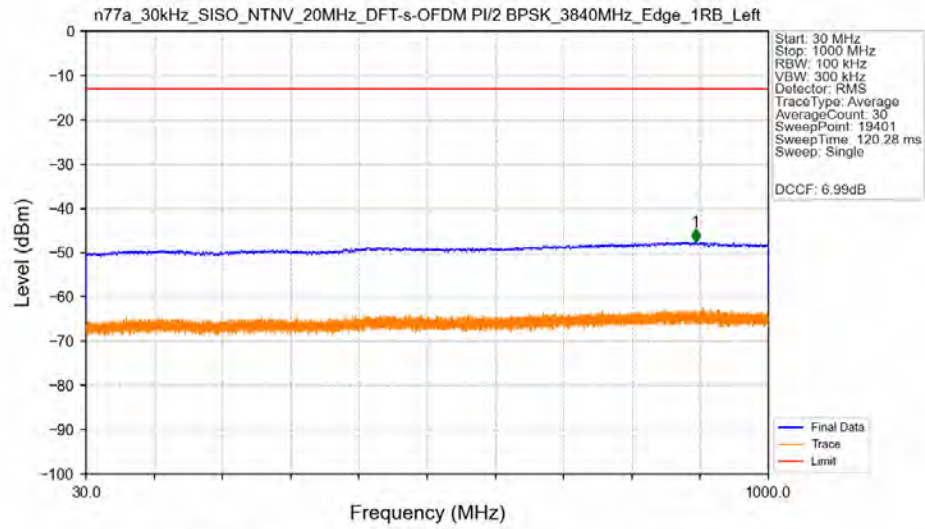
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	3692.500	-40.20	-13	Pass
3695.01	3725.01	1	/	/	/	/	/	/
3725.01	39800	1	/	2	38897.000	-33.21	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_3710.01MHz_Outer_Full_Ant2

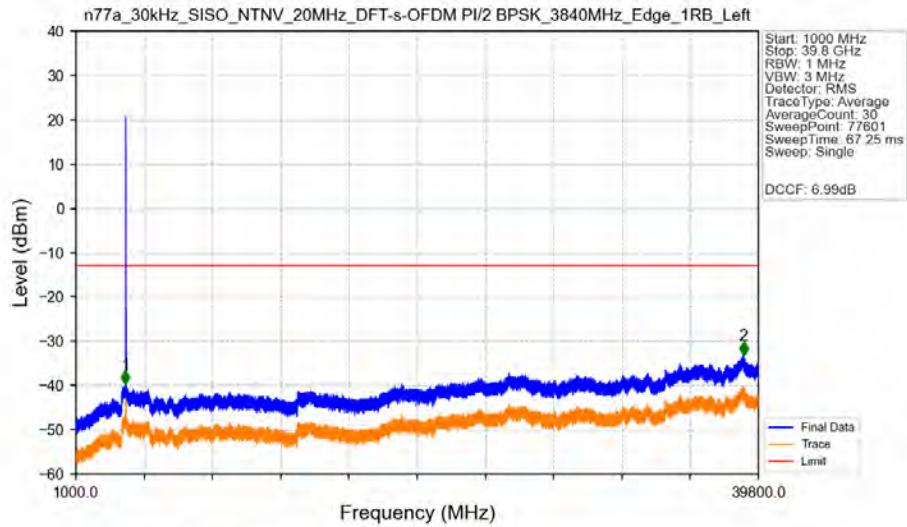


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-44.38	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.760	-36.05	-13	Pass
3699.01	3700.01	0.1945	CHP	3	3699.990	-27.04	-13	Pass
3700.01	3720.01	0.1945	CHP	/	/	/	/	/
3720.01	3721.01	0.1945	CHP	4	3720.240	-37.28	-13	Pass
3721.01	3725.01	0.5	CHP	5	3721.260	-36.84	-13	Pass

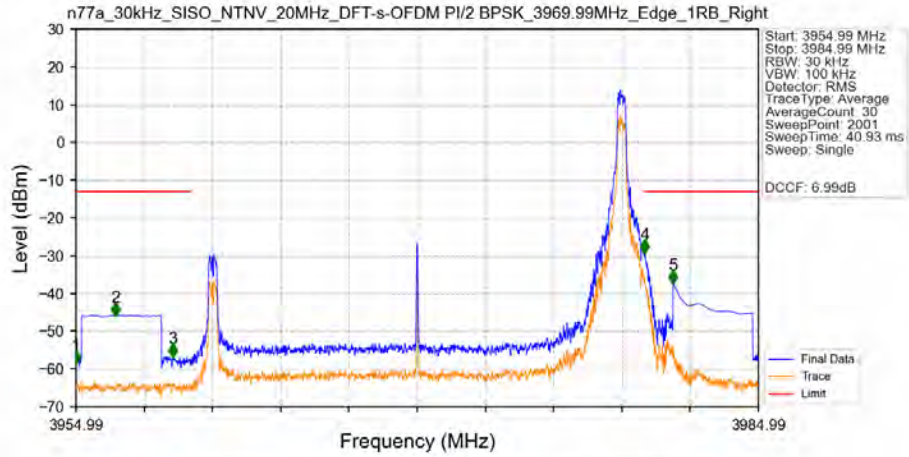
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_3840MHz_Edge_1RB_Left_Ant2



n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_3840MHz_Edge_1RB_Left_Ant2

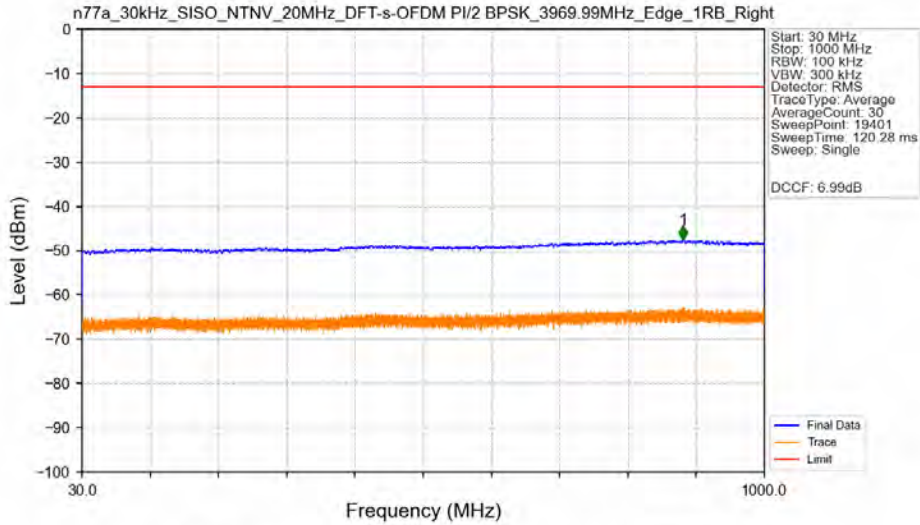


n77a 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3969.99MHz Edge 1RB Right Ant2



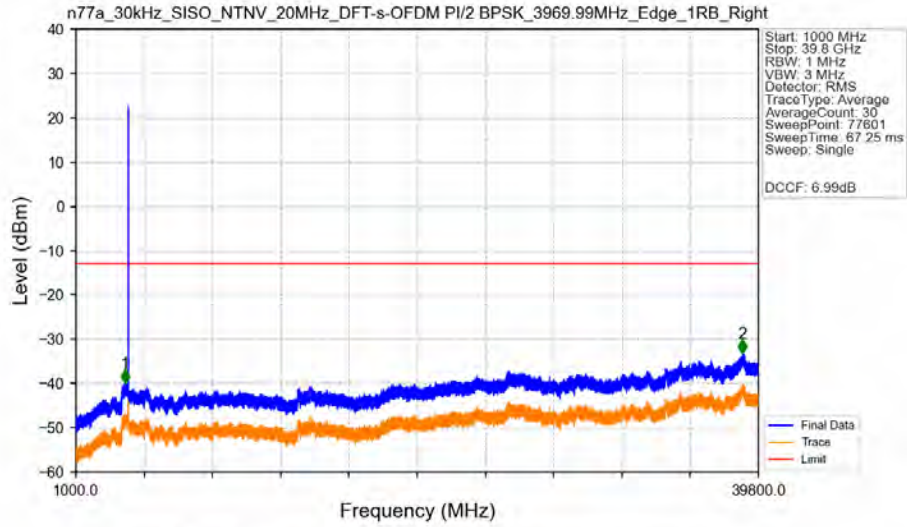
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3954.99	3954.99	0.5	/	1	3954.990	-58.35	-13	Pass
3954.99	3958.99	0.5	CHP	2	3956.745	-45.78	-13	Pass
3958.99	3959.99	0.03	/	3	3959.250	-56.73	-13	Pass
3959.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	4	3979.995	-29.08	-13	Pass
3980.99	3984.99	0.5	CHP	5	3981.240	-37.27	-13	Pass

n77a 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3969.99MHz Edge 1RB Right Ant2



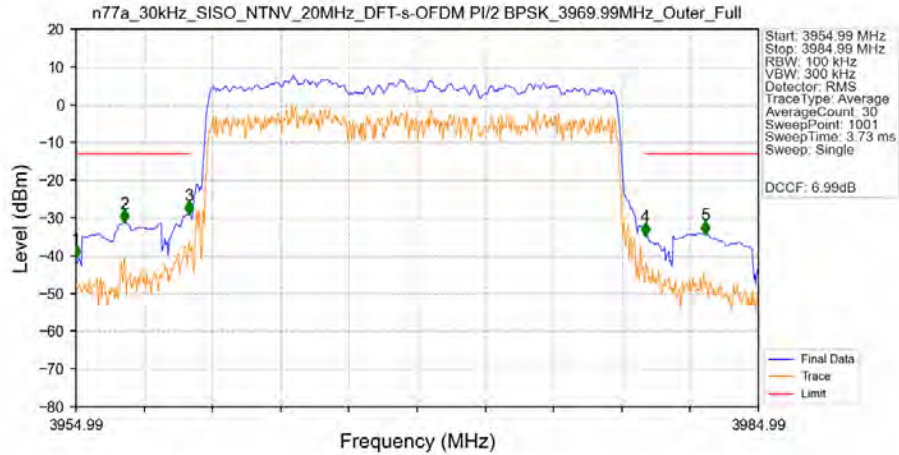
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	884.750	-47.49	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_3969.99MHz_Edge_1RB_Right_Ant2



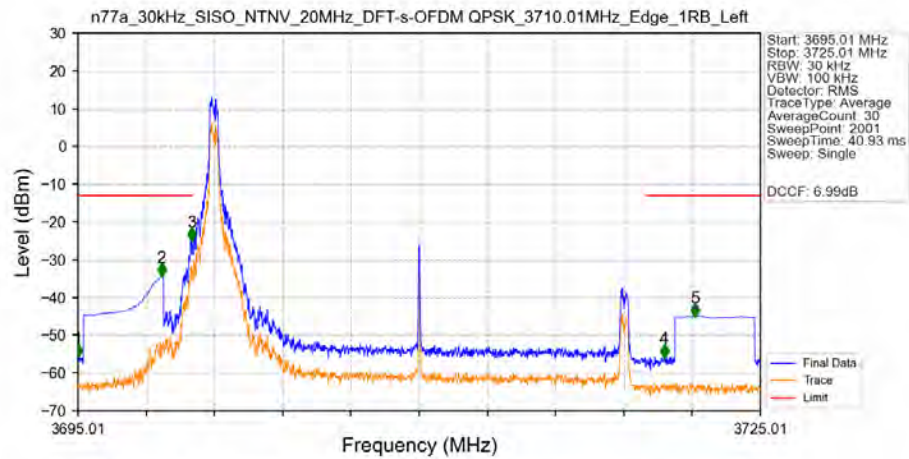
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3954.99	1	/	1	3780.000	-39.87	-13	Pass
3954.99	3984.99	1	/	/	/	/	/	/
3984.99	39800	1	/	2	38905.500	-33.20	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_3969.99MHz_Outer_Full_Ant2



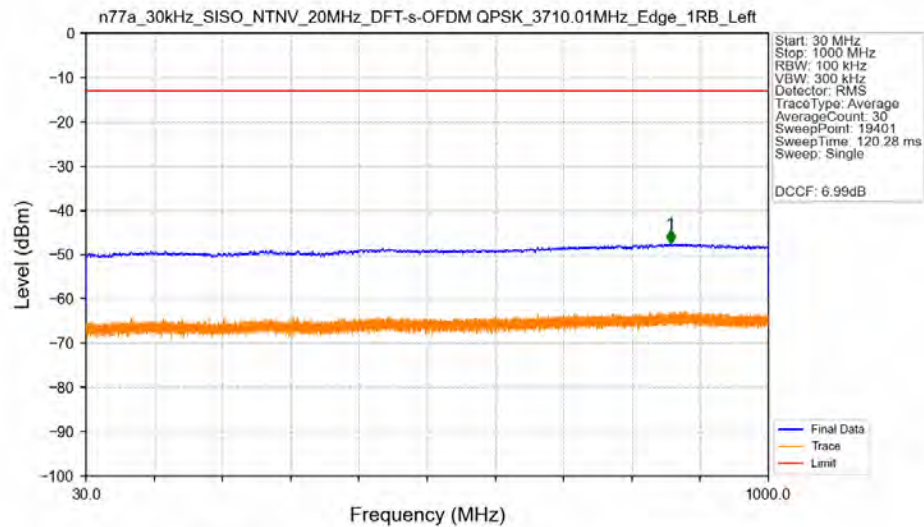
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3954.99	3954.99	0.5	/	1	3954.990	-40.31	-13	Pass
3954.99	3958.99	0.5	CHP	2	3957.120	-31.04	-13	Pass
3958.99	3959.99	0.19571	CHP	3	3959.970	-28.85	-13	Pass
3959.99	3979.99	0.19571	CHP	/	/	/	/	/
3979.99	3980.99	0.19571	CHP	4	3980.010	-34.51	-13	Pass
3980.99	3984.99	0.5	CHP	5	3982.650	-34.04	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3710.01MHz_Edge_1RB_Left_Ant2



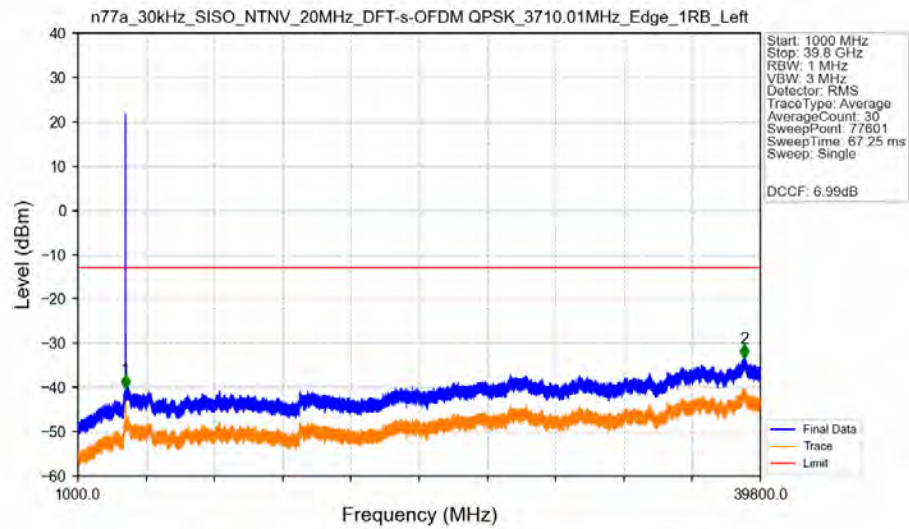
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-55.54	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.685	-34.28	-13	Pass
3699.01	3700.01	0.03	/	3	3700.005	-24.87	-13	Pass
3700.01	3720.01	0.03	/	/	/	/	/	/
3720.01	3721.01	0.03	/	4	3720.780	-55.70	-13	Pass
3721.01	3725.01	0.5	CHP	5	3722.130	-44.90	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3710.01MHz_Edge_1RB_Left_Ant2



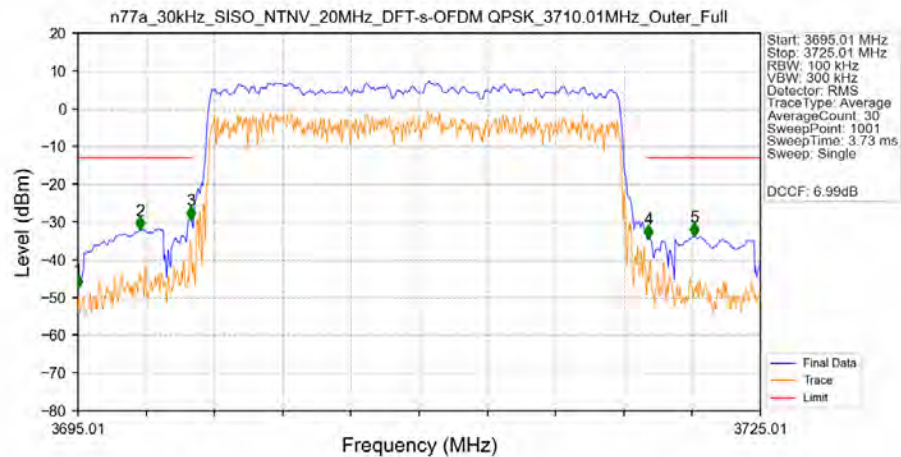
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	860.800	-47.53	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3710.01MHz_Edge_1RB_Left_Ant2



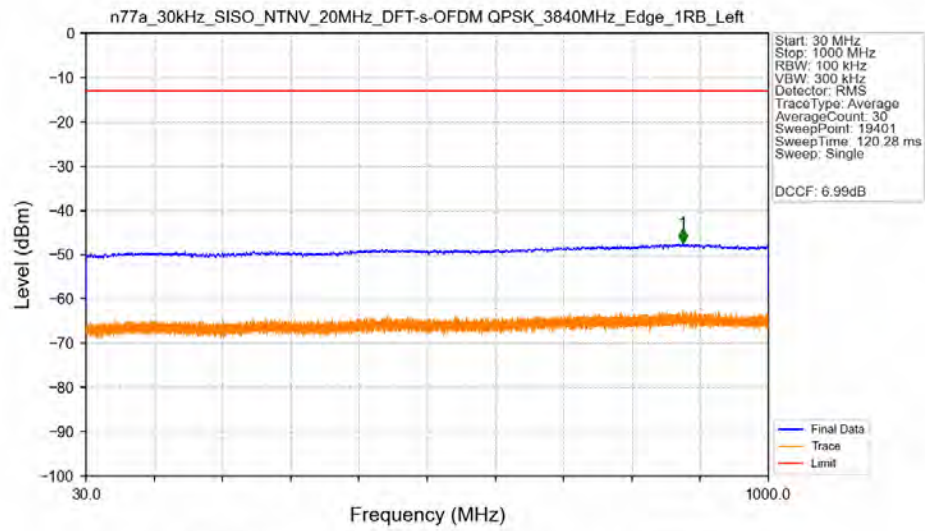
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	3688.000	-40.20	-13	Pass
3695.01	3725.01	1	/	/	/	/	/	/
3725.01	39800	1	/	2	38874.500	-33.34	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3710.01MHz_Outer_Full_Ant2

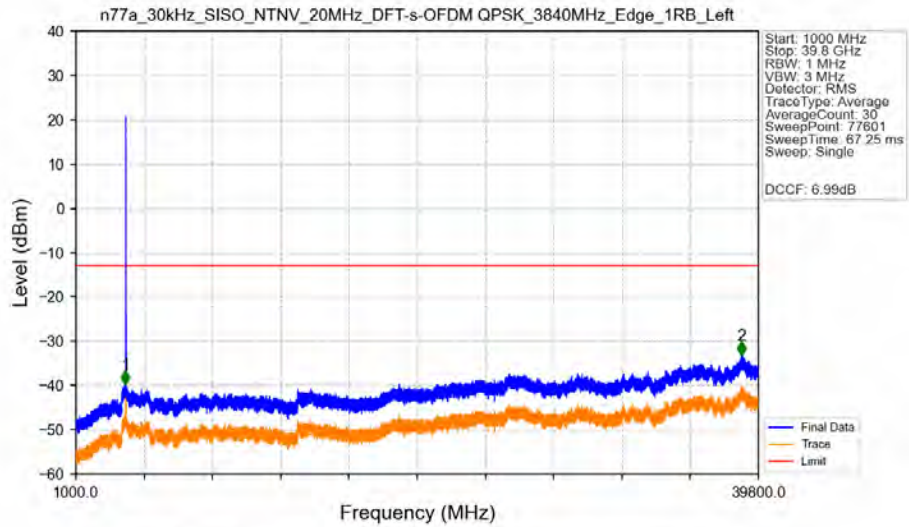


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-47.41	-13	Pass
3695.01	3699.01	0.5	CHP	2	3697.740	-31.80	-13	Pass
3699.01	3700.01	0.19655	CHP	3	3699.960	-29.13	-13	Pass
3700.01	3720.01	0.19655	CHP	/	/	/	/	/
3720.01	3721.01	0.19655	CHP	4	3720.090	-34.08	-13	Pass
3721.01	3725.01	0.5	CHP	5	3722.100	-33.60	-13	Pass

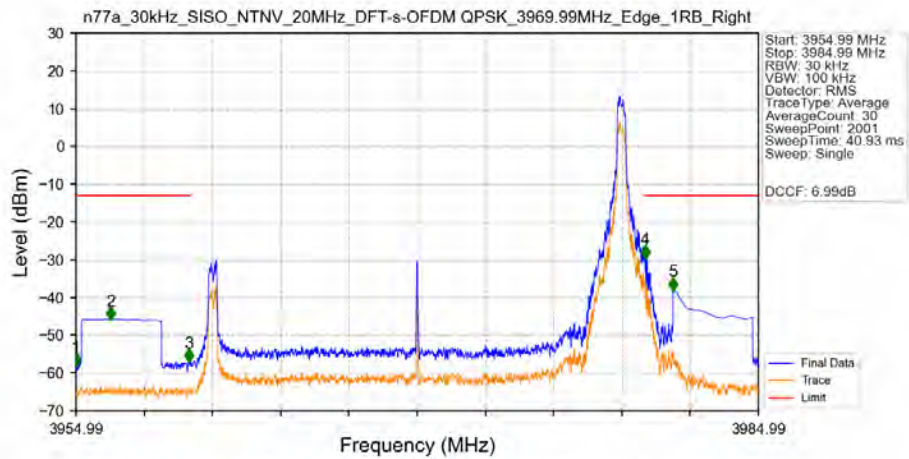
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant2



n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant2

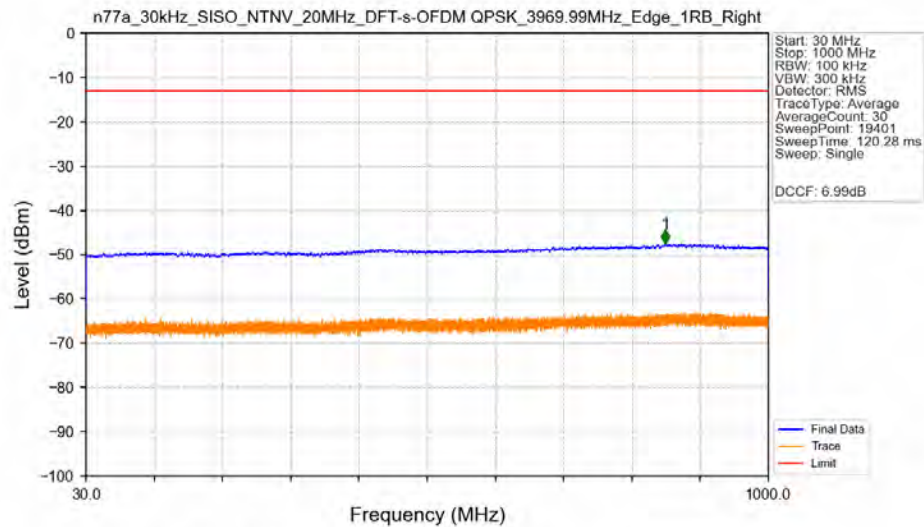


n77a 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3969.99MHz Edge 1RB Right Ant2
--



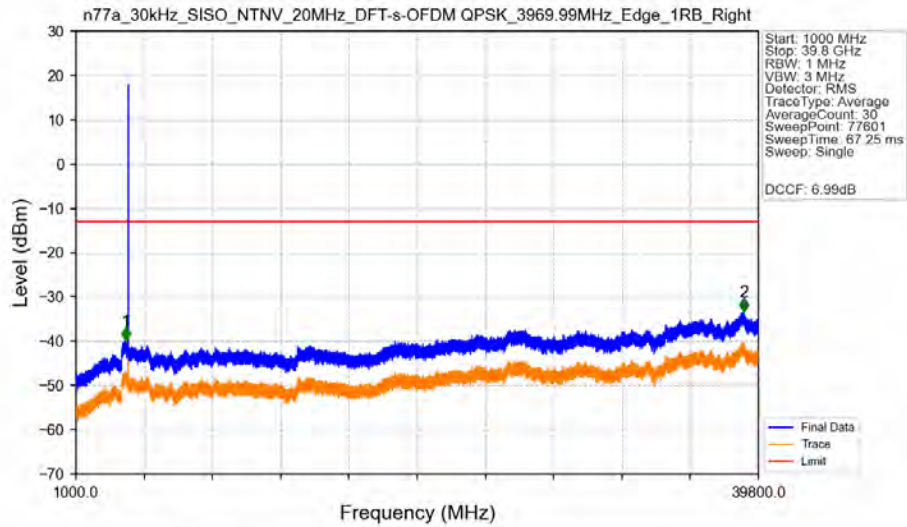
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3954.99	3954.99	0.5	/	1	3954.990	-57.99	-13	Pass
3954.99	3958.99	0.5	CHP	2	3956.520	-45.79	-13	Pass
3958.99	3959.99	0.03	/	3	3959.955	-56.90	-13	Pass
3959.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	4	3980.025	-29.41	-13	Pass
3980.99	3984.99	0.5	CHP	5	3981.240	-37.95	-13	Pass

n77a	30kHz	SISO	NTNV	20MHz	DFT-s-OFDM	QPSK	3969.99MHz	Edge	1RB	Right	Ant2
------	-------	------	------	-------	------------	------	------------	------	-----	-------	------



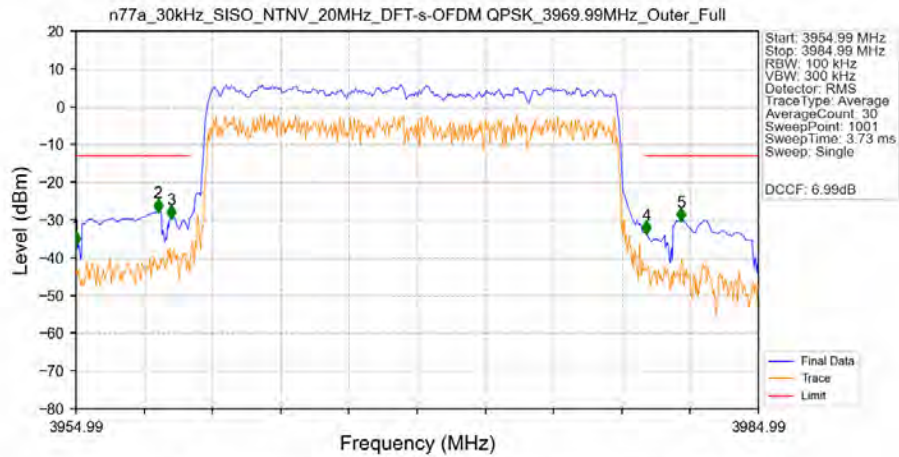
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	853.650	-47.53	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3969.99MHz_Edge_1RB_Right_Ant2



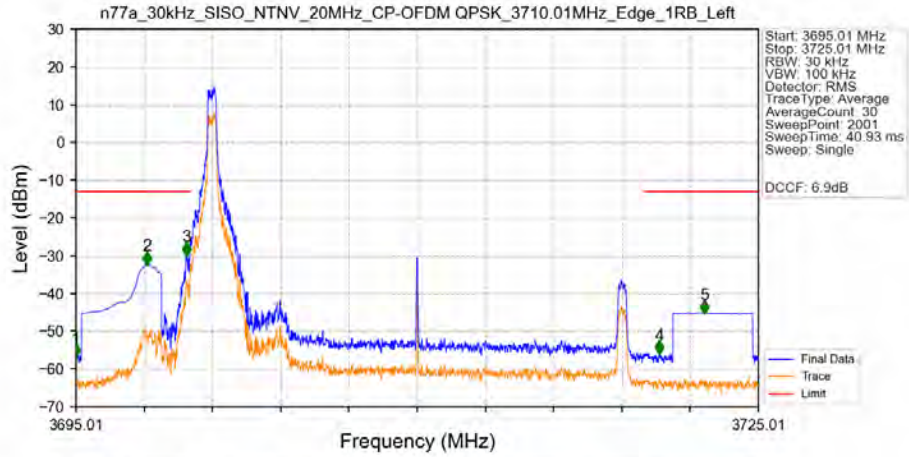
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3954.99	1	/	1	3835.500	-39.95	-13	Pass
3954.99	3984.99	1	/	/	/	/	/	/
3984.99	39800	1	/	2	38966.000	-33.37	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3969.99MHz_Outer_Full_Ant2



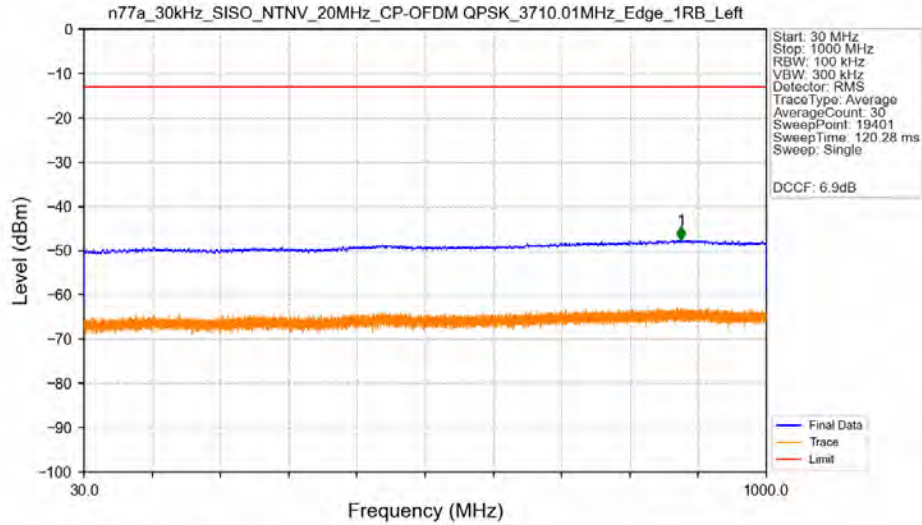
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3954.99	3954.99	0.5	/	1	3954.990	-36.41	-13	Pass
3954.99	3958.99	0.5	CHP	2	3958.590	-27.66	-13	Pass
3958.99	3959.99	0.19947	CHP	3	3959.190	-29.54	-13	Pass
3959.99	3979.99	0.19947	CHP	/	/	/	/	/
3979.99	3980.99	0.19947	CHP	4	3980.070	-33.52	-13	Pass
3980.99	3984.99	0.5	CHP	5	3981.570	-30.18	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Edge_1RB_Left_Ant2



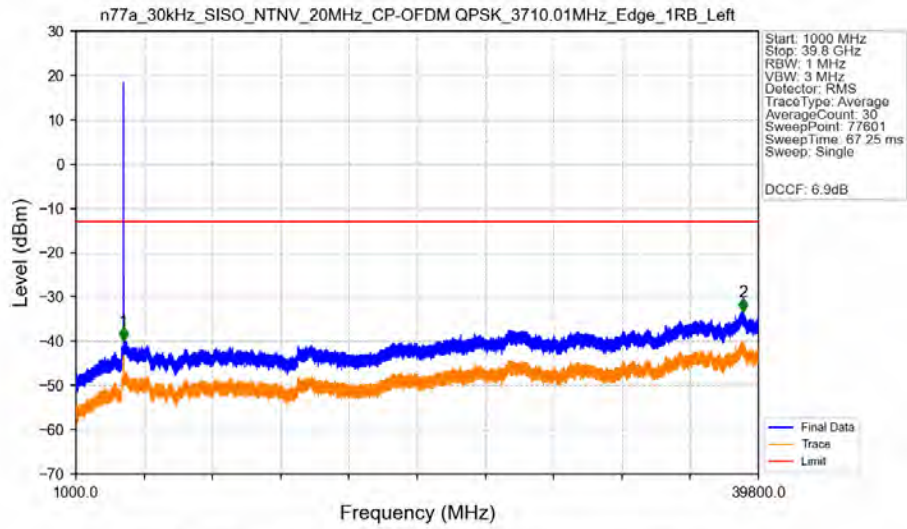
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-56.73	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.130	-32.20	-13	Pass
3699.01	3700.01	0.03	/	3	3699.855	-29.68	-13	Pass
3700.01	3720.01	0.03	/	/	/	/	/	/
3720.01	3721.01	0.03	/	4	3720.660	-55.85	-13	Pass
3721.01	3725.01	0.5	CHP	5	3722.640	-45.07	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Edge_1RB_Left_Ant2



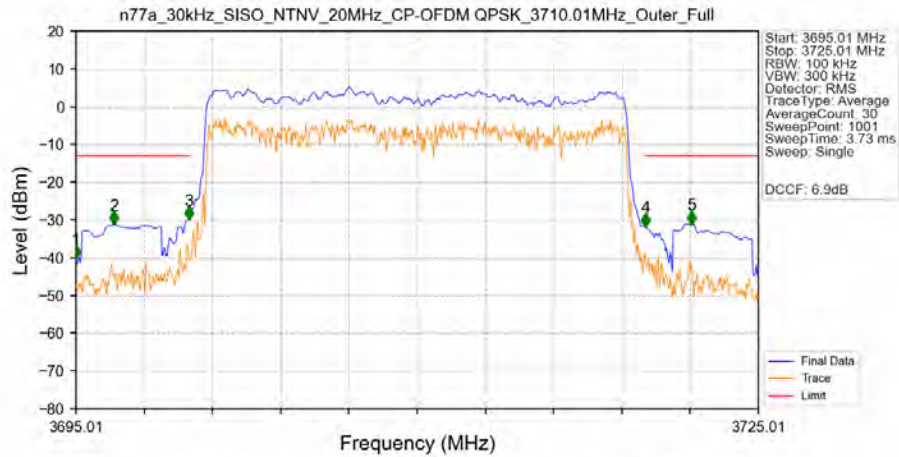
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	878.800	-47.60	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Edge_1RB_Left_Ant2



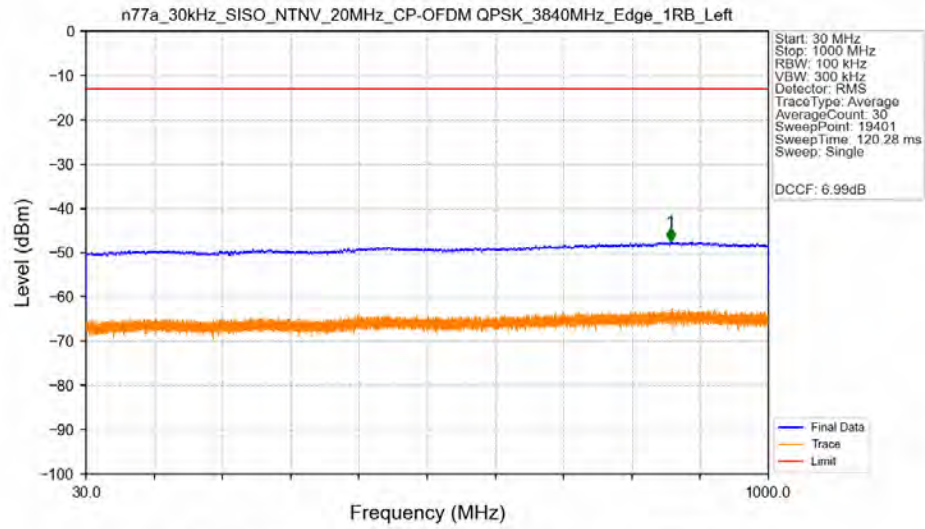
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	3692.500	-39.81	-13	Pass
3695.01	3725.01	1	/	/	/	/	/	/
3725.01	39800	1	/	2	38919.000	-33.26	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Outer_Full_Ant2

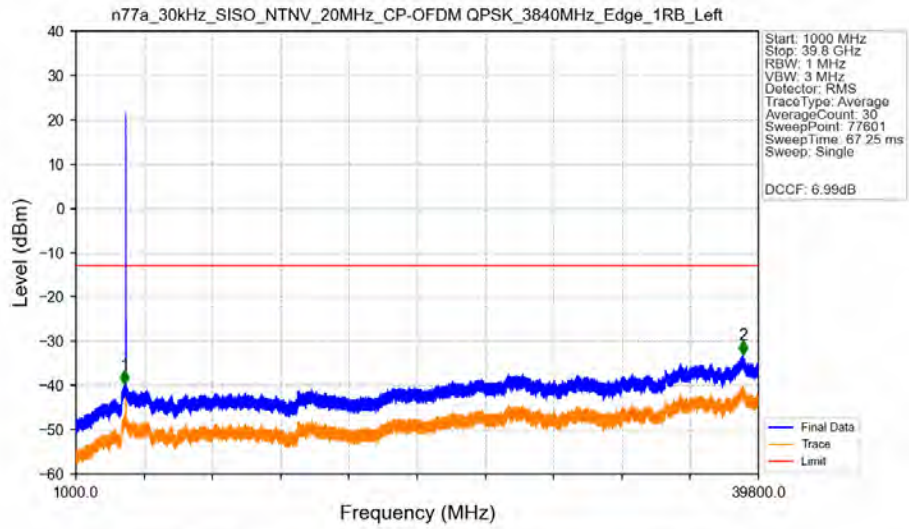


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-39.92	-13	Pass
3695.01	3699.01	0.5	CHP	2	3696.690	-31.02	-13	Pass
3699.01	3700.01	0.19258	CHP	3	3699.960	-29.73	-13	Pass
3700.01	3720.01	0.19258	CHP	/	/	/	/	/
3720.01	3721.01	0.19258	CHP	4	3720.060	-31.49	-13	Pass
3721.01	3725.01	0.5	CHP	5	3722.070	-30.85	-13	Pass

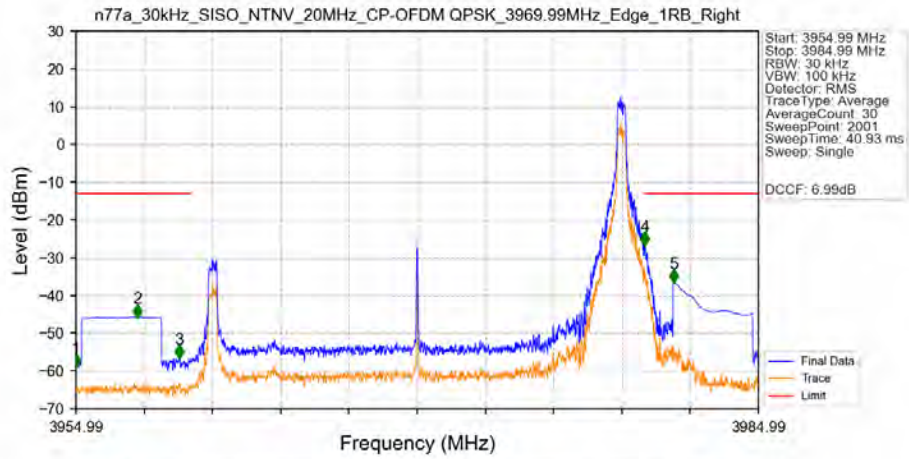
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant2



n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant2

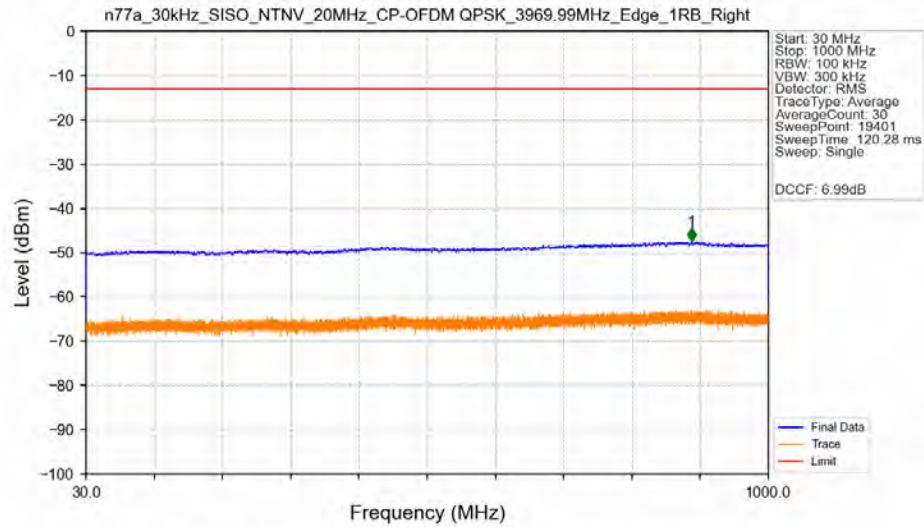


n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3969.99MHz_Edge_1RB_Right_Ant2



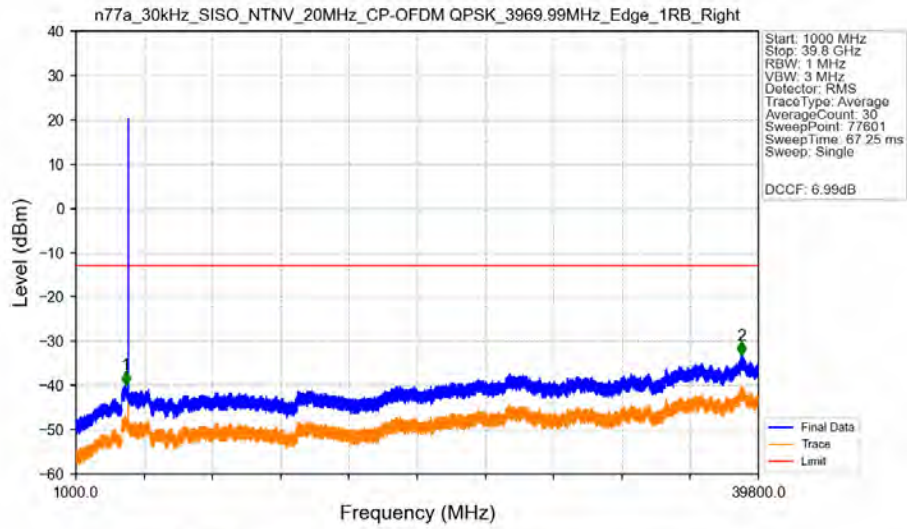
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3954.99	3954.99	0.5	/	1	3954.990	-58.76	-13	Pass
3954.99	3958.99	0.5	CHP	2	3957.675	-45.65	-13	Pass
3958.99	3959.99	0.03	/	3	3959.520	-56.40	-13	Pass
3959.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	4	3979.995	-26.55	-13	Pass
3980.99	3984.99	0.5	CHP	5	3981.255	-36.43	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3969.99MHz_Edge_1RB_Right_Ant2



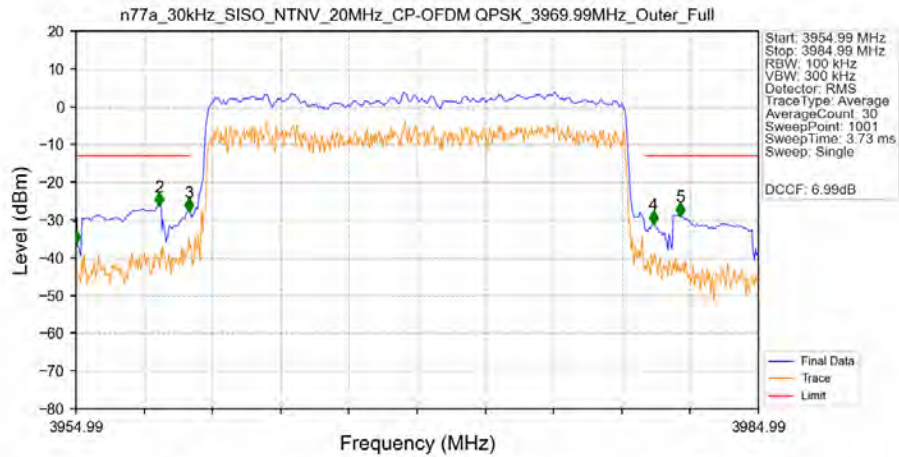
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	890.600	-47.48	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3969.99MHz_Edge_1RB_Right_Ant2



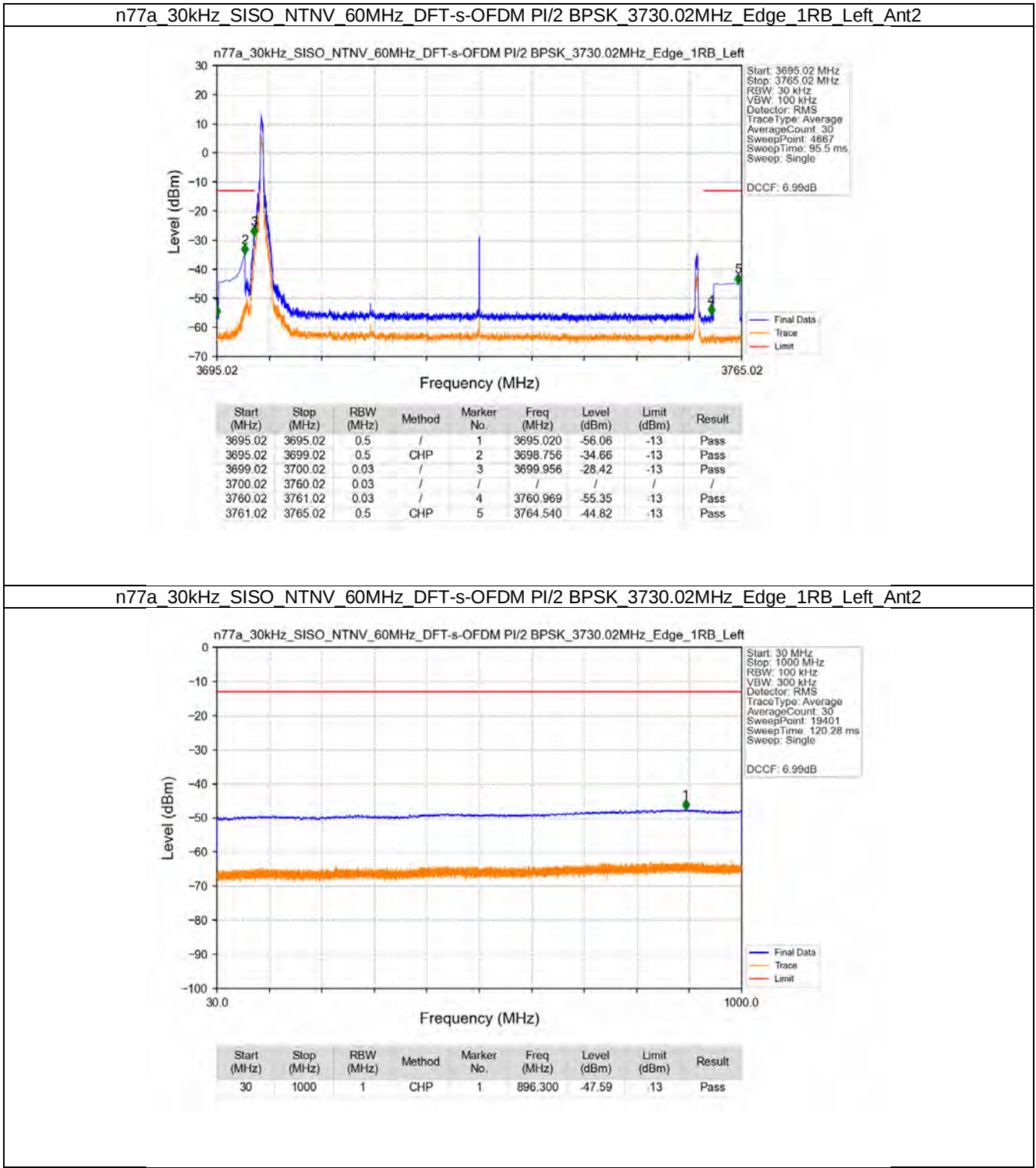
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3954.99	1	/	1	3824.500	-39.82	-13	Pass
3954.99	3984.99	1	/	/	/	/	/	/
3984.99	39800	1	/	2	38834.500	-33.10	-13	Pass

n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3969.99MHz_Outer_Full_Ant2

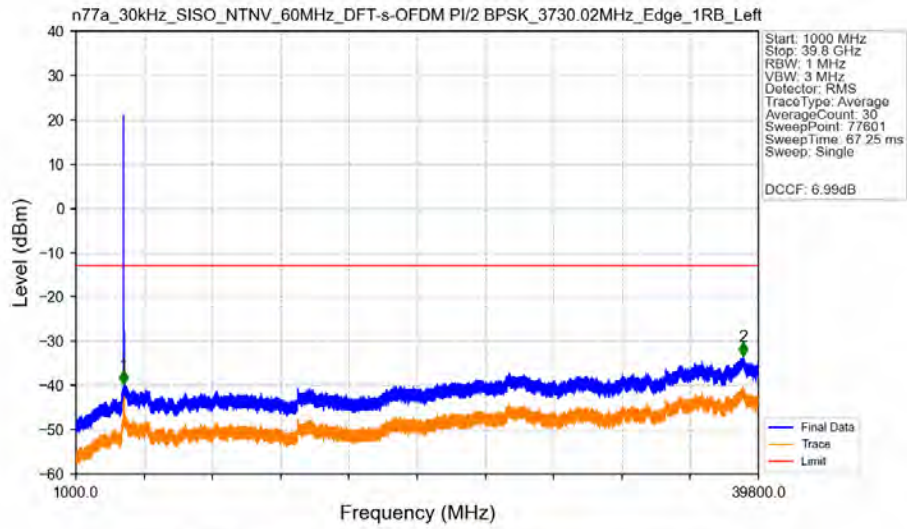


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3954.99	3954.99	0.5	/	1	3954.990	-36.05	-13	Pass
3954.99	3958.99	0.5	CHP	2	3958.650	-26.05	-13	Pass
3958.99	3959.99	0.19732	CHP	3	3959.940	-27.48	-13	Pass
3959.99	3979.99	0.19732	CHP	/	/	/	/	/
3979.99	3980.99	0.19732	CHP	4	3980.370	-30.89	-13	Pass
3980.99	3984.99	0.5	CHP	5	3981.540	-28.74	-13	Pass

5.2.2 30k_SISO_60MHz_NTNV

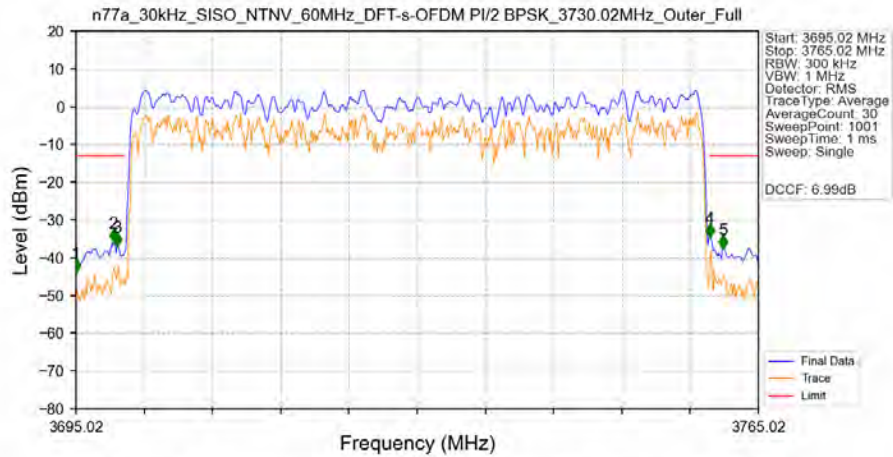


n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_PI/2_BPSK_3730.02MHz_Edge_1RB_Left_Ant2



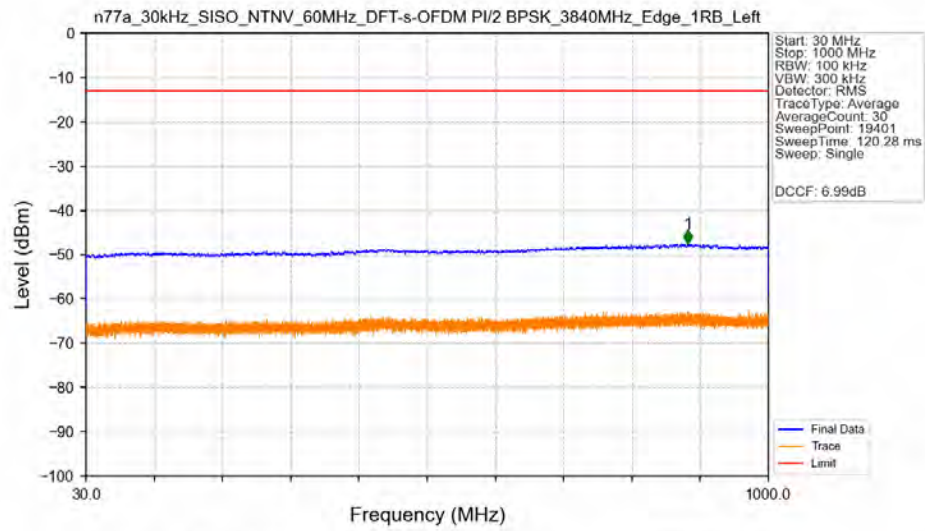
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.02	1	/	1	3694.000	-39.78	-13	Pass
3695.02	3765.02	1	/	/	/	/	/	/
3765.02	39800	1	/	2	38919.500	-33.33	-13	Pass

n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_PI/2_BPSK_3730.02MHz_Outer_Full_Ant2

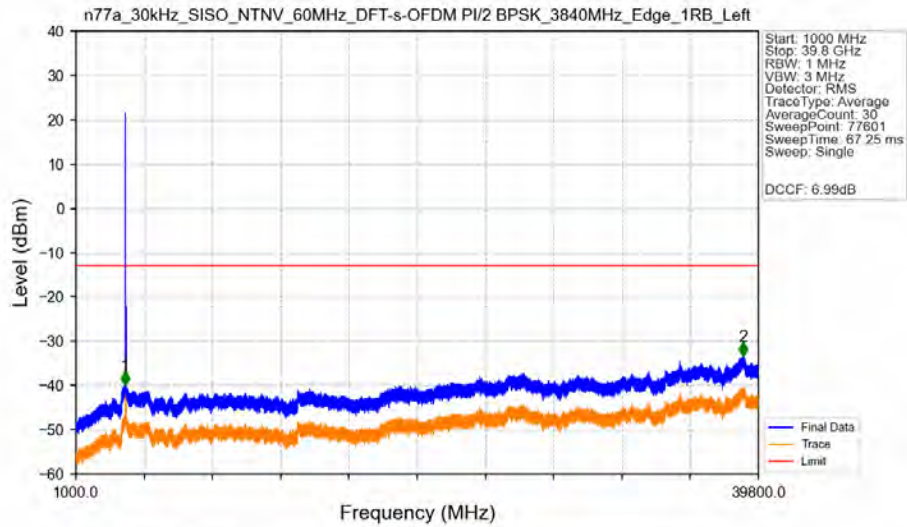


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.02	3695.02	0.5	/	1	3695.020	-43.55	-13	Pass
3695.02	3699.02	0.5	CHP	2	3698.870	-35.70	-13	Pass
3699.02	3700.02	0.35	CHP	3	3699.220	-36.81	-13	Pass
3700.02	3760.02	0.35	CHP	/	/	/	/	/
3760.02	3761.02	0.35	CHP	4	3760.050	-34.38	-13	Pass
3761.02	3765.02	0.5	CHP	5	3761.380	-37.31	-13	Pass

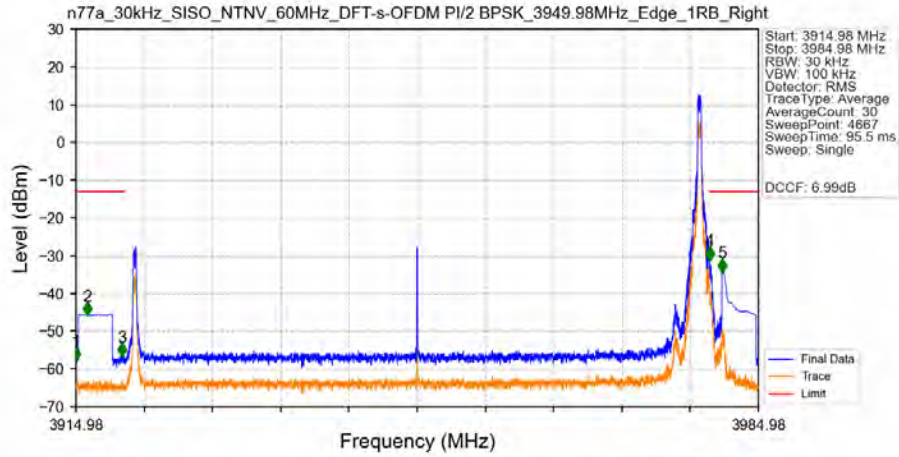
n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_PI/2_BPSK_3840MHz_Edge_1RB_Left_Ant2



n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_PI/2_BPSK_3840MHz_Edge_1RB_Left_Ant2

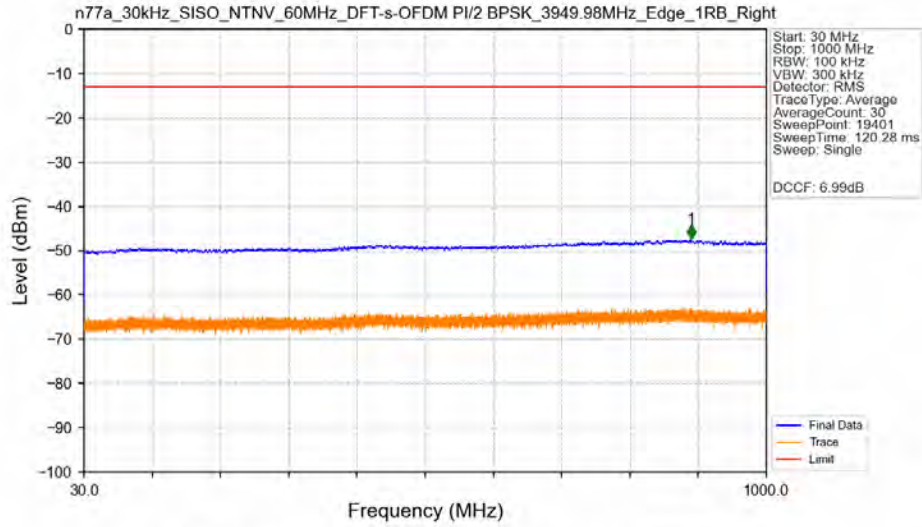


n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_PI/2_BPSK_3949.98MHz_Edge_1RB_Right_Ant2



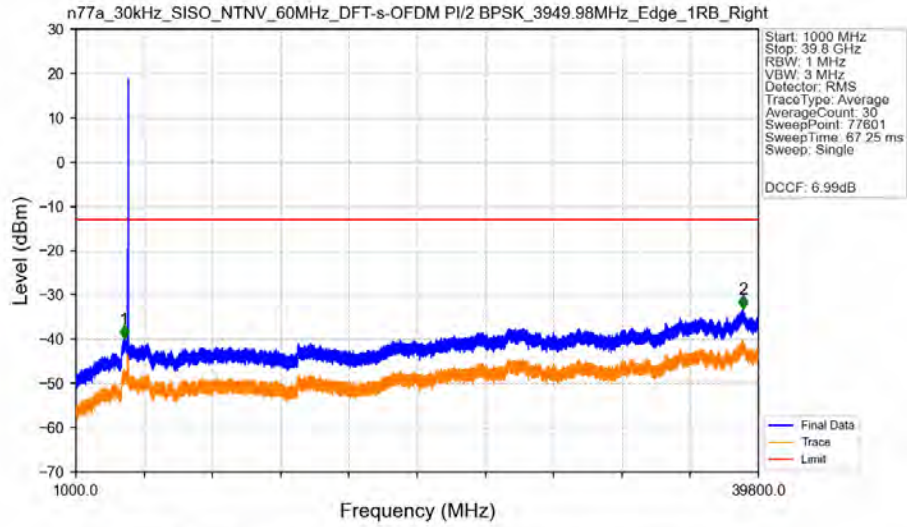
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3914.98	3914.98	0.5	/	1	3914.980	-57.54	-13	Pass
3914.98	3918.98	0.5	CHP	2	3916.165	-45.54	-13	Pass
3918.98	3919.98	0.03	/	3	3919.676	-56.51	-13	Pass
3919.98	3979.98	0.03	/	/	/	/	/	/
3979.98	3980.98	0.03	/	4	3979.984	-30.93	-13	Pass
3980.98	3984.98	0.5	CHP	5	3981.274	-34.10	-13	Pass

n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_PI/2_BPSK_3949.98MHz_Edge_1RB_Right_Ant2



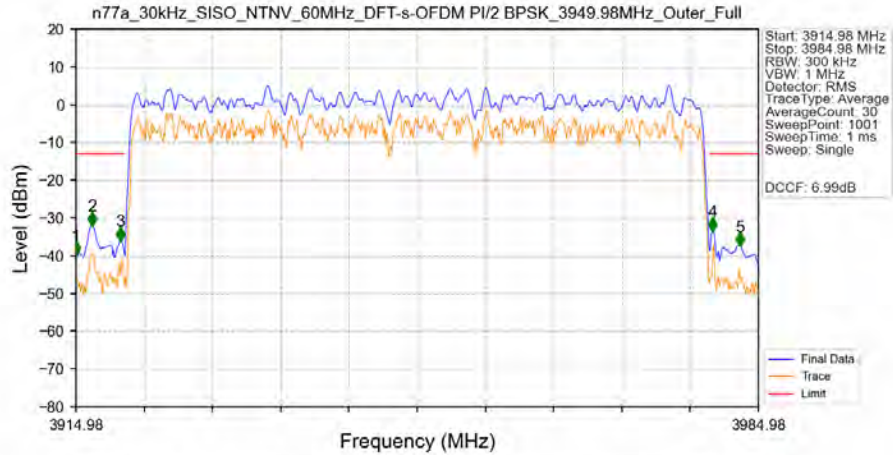
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	893.200	-47.28	-13	Pass

n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_PI/2_BPSK_3949.98MHz_Edge_1RB_Right_Ant2



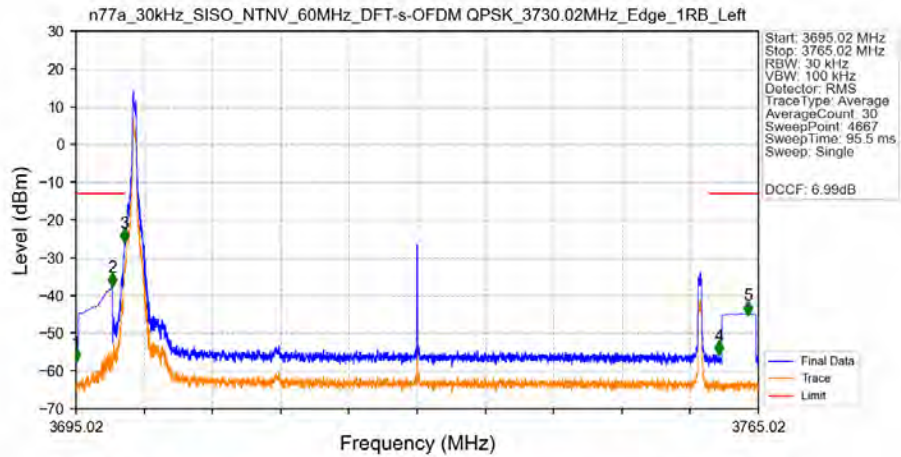
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3914.98	1	/	1	3745.000	-39.81	-13	Pass
3914.98	3984.98	1	/	/	/	/	/	/
3984.98	39800	1	/	2	38920.000	-33.10	-13	Pass

n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_PI/2_BPSK_3949.98MHz_Outer_Full_Ant2



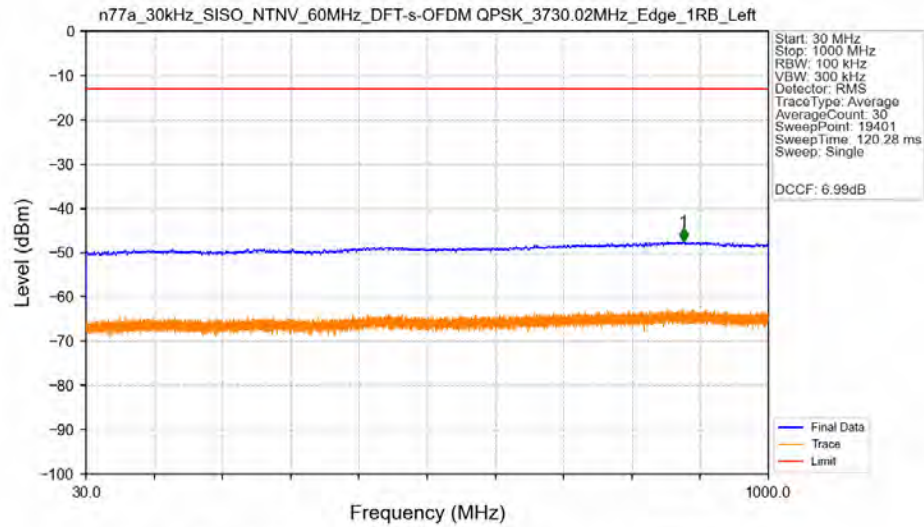
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3914.98	3914.98	0.5	/	1	3914.980	-39.52	-13	Pass
3914.98	3918.98	0.5	CHP	2	3916.660	-31.71	-13	Pass
3918.98	3919.98	0.35	CHP	3	3919.530	-35.76	-13	Pass
3919.98	3979.98	0.35	CHP	/	/	/	/	/
3979.98	3980.98	0.35	CHP	4	3980.290	-33.20	-13	Pass
3980.98	3984.98	0.5	CHP	5	3983.090	-37.10	-13	Pass

n77a 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3730.02MHz Edge 1RB Left Ant2



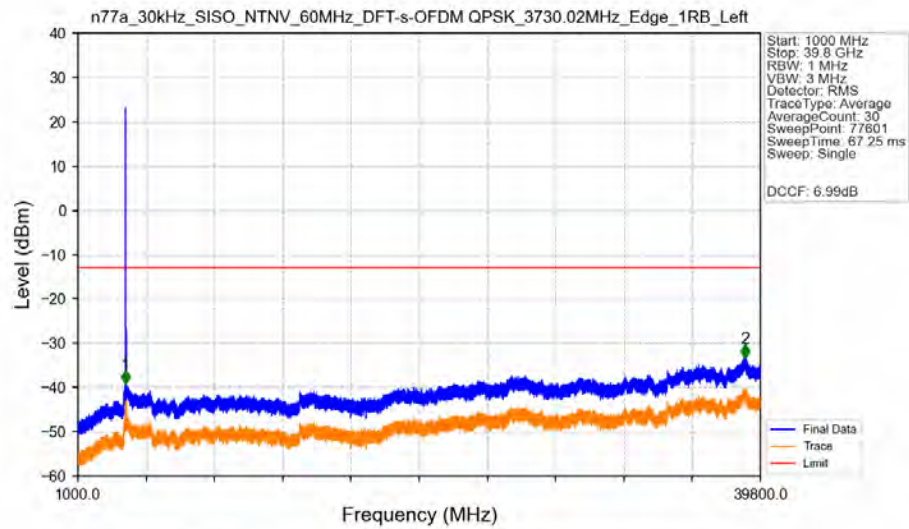
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.02	3695.02	0.5	/	1	3695.020	-57.26	-13	Pass
3695.02	3699.02	0.5	CHP	2	3698.756	-37.35	-13	Pass
3699.02	3700.02	0.03	/	3	3700.016	-25.67	-13	Pass
3700.02	3760.02	0.03	/	/	/	/	/	/
3760.02	3761.02	0.03	/	4	3760.984	-55.31	-13	Pass
3761.02	3765.02	0.5	CHP	5	3763.970	-44.81	-13	Pass

n77a 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3730.02MHz Edge 1RB Left Ant2



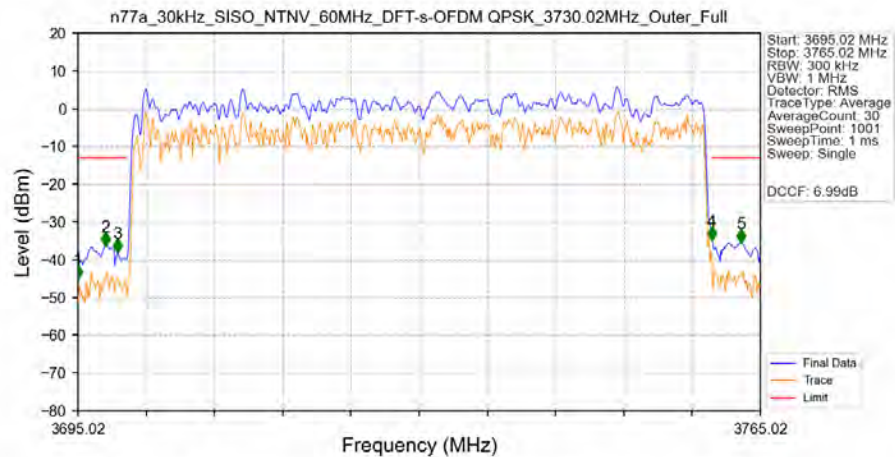
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	879.650	-47.46	-13	Pass

n77a 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3730.02MHz Edge 1RB Left Ant2



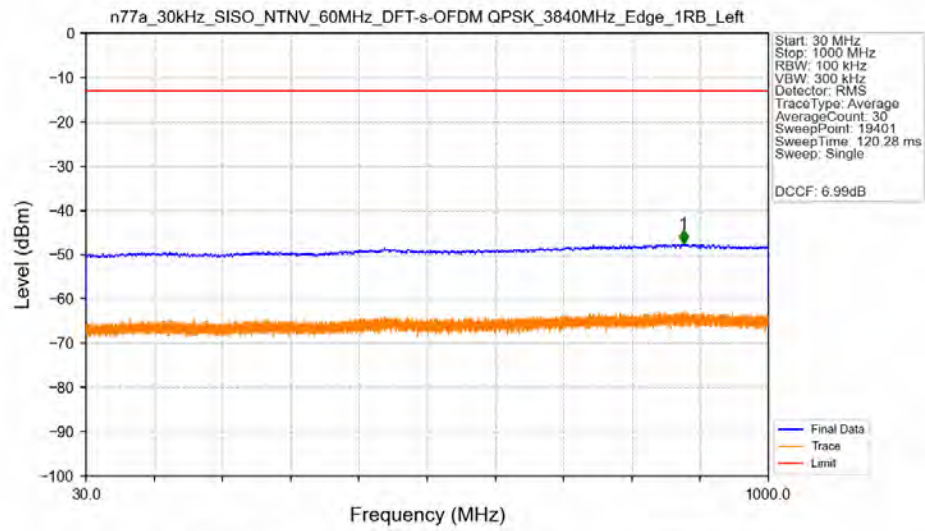
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.02	1	/	1	3686.500	-39.17	-13	Pass
3695.02	3765.02	1	/	/	/	/	/	/
3765.02	39800	1	/	2	38933.500	-33.28	-13	Pass

n77a 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3730.02MHz Outer_Full Ant2

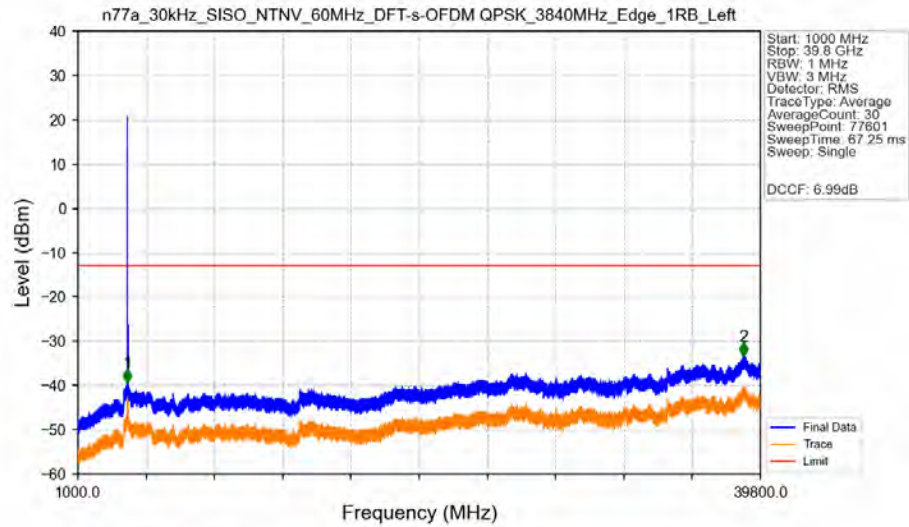


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.02	3695.02	0.5	/	1	3695.020	-44.78	-13	Pass
3695.02	3699.02	0.5	CHP	2	3697.820	-36.12	-13	Pass
3699.02	3700.02	0.35	CHP	3	3699.080	-37.79	-13	Pass
3700.02	3760.02	0.35	CHP	/	/	/	/	/
3760.02	3761.02	0.35	CHP	4	3760.050	-34.67	-13	Pass
3761.02	3765.02	0.5	CHP	5	3763.060	-35.24	-13	Pass

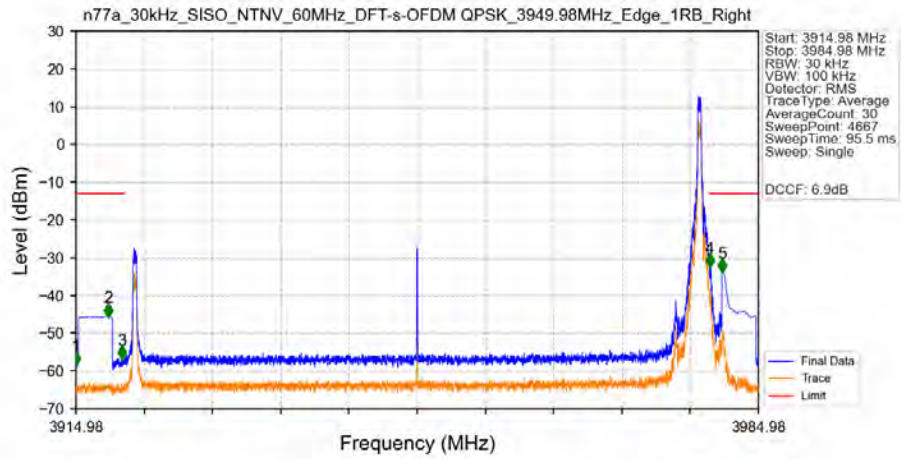
n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant2



n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant2

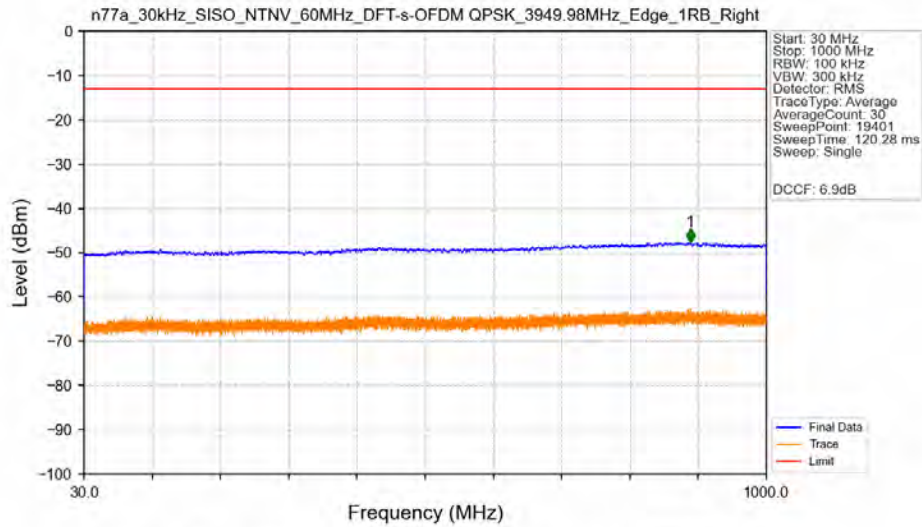


n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3949.98MHz_Edge_1RB_Right_Ant2



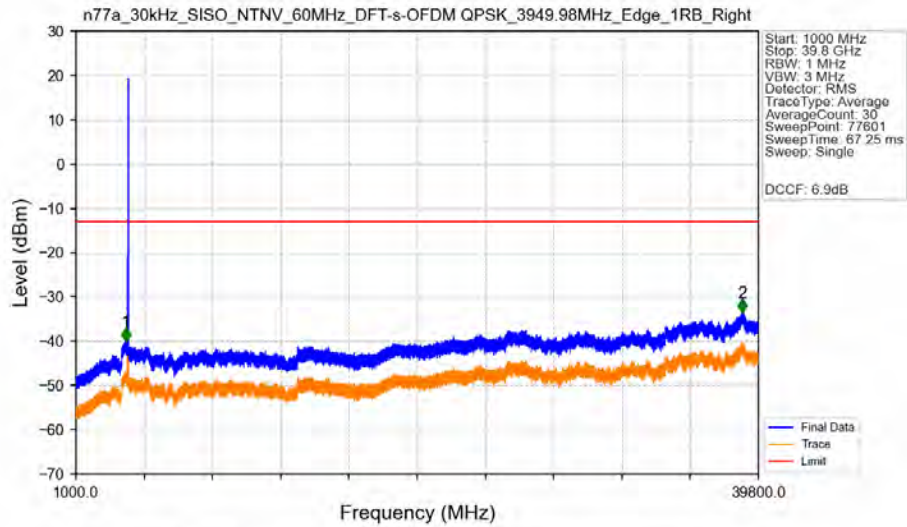
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3914.98	3914.98	0.5	/	1	3914.980	-58.20	-13	Pass
3914.98	3918.98	0.5	CHP	2	3918.280	-45.46	-13	Pass
3918.98	3919.98	0.03	/	3	3919.676	-56.62	-13	Pass
3919.98	3979.98	0.03	/	/	/	/	/	/
3979.98	3980.98	0.03	/	4	3979.984	-32.32	-13	Pass
3980.98	3984.98	0.5	CHP	5	3981.244	-33.54	-13	Pass

n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3949.98MHz_Edge_1RB_Right_Ant2

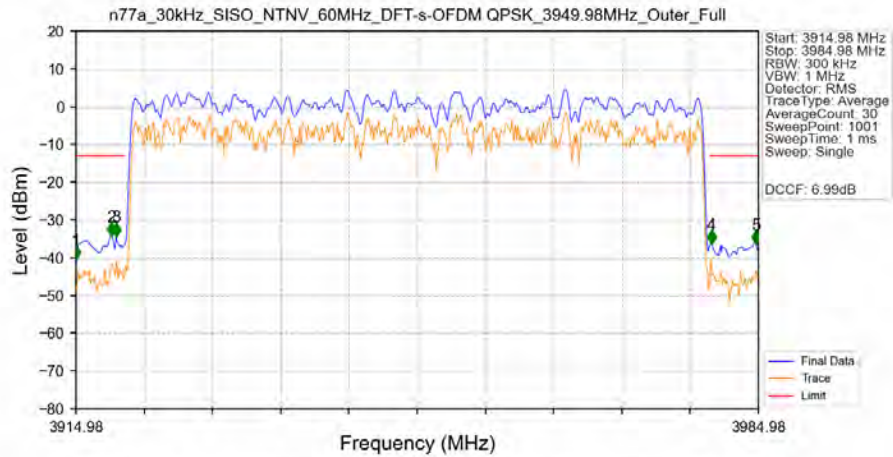


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	892.200	-47.58	-13	Pass

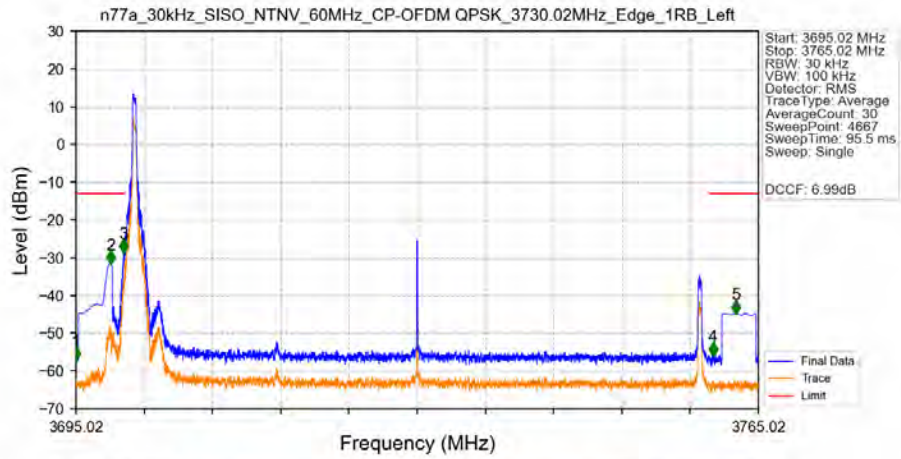
n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3949.98MHz_Edge_1RB_Right_Ant2



n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_QPSK_3949.98MHz_Outer_Full_Ant2

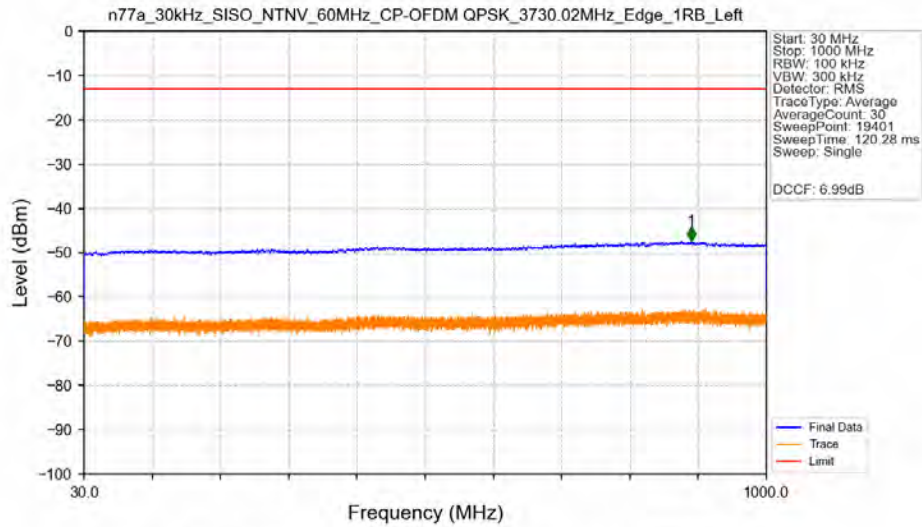


n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3730.02MHz_Edge_1RB_Left_Ant2



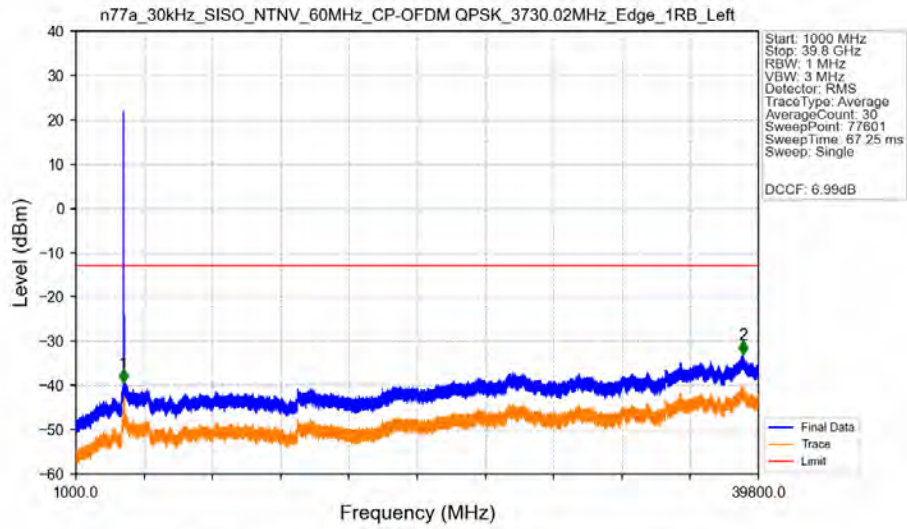
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.02	3695.02	0.5	/	1	3695.020	-56.92	-13	Pass
3695.02	3699.02	0.5	CHP	2	3698.561	-31.50	-13	Pass
3699.02	3700.02	0.03	/	3	3699.926	-28.44	-13	Pass
3700.02	3760.02	0.03	/	/	/	/	/	/
3760.02	3761.02	0.03	/	4	3760.384	-55.71	-13	Pass
3761.02	3765.02	0.5	CHP	5	3762.680	-44.60	-13	Pass

n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3730.02MHz_Edge_1RB_Left_Ant2



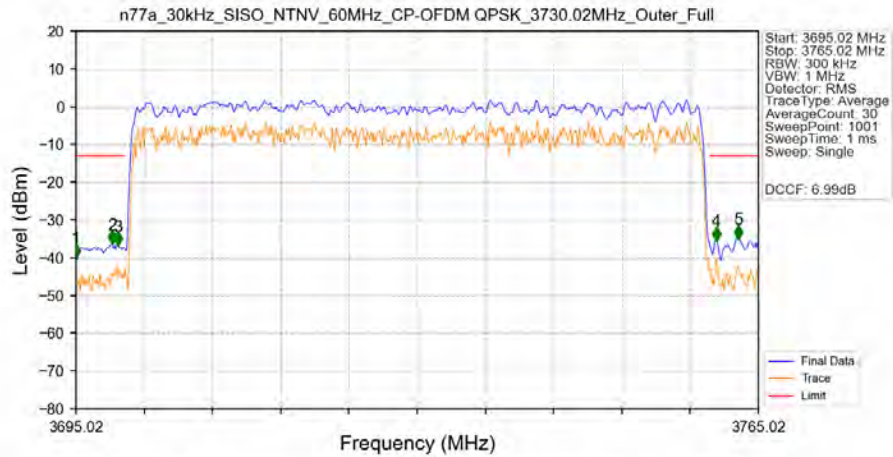
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	893.400	-47.39	-13	Pass

n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3730.02MHz_Edge_1RB_Left_Ant2



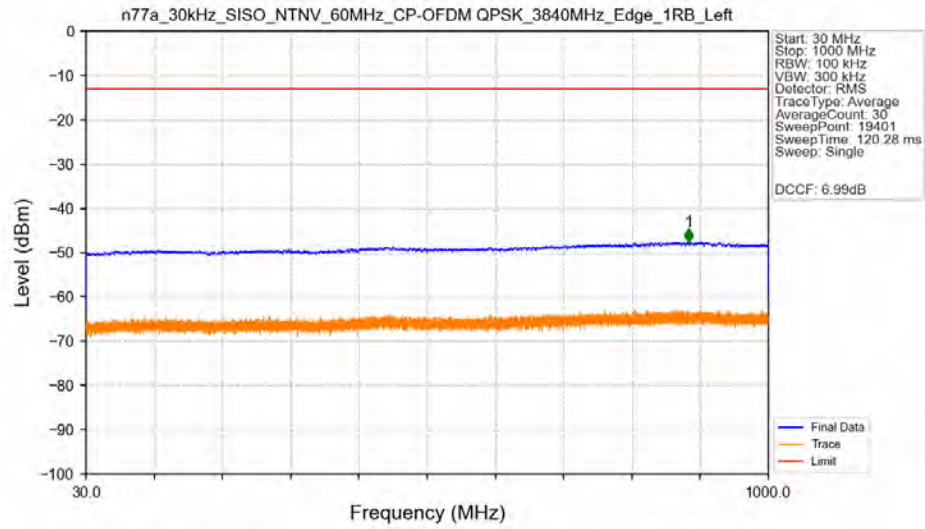
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.02	1	/	1	3695.000	-39.33	-13	Pass
3695.02	3765.02	1	/	/	/	/	/	/
3765.02	39800	1	/	2	38929.000	-32.95	-13	Pass

n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3730.02MHz_Outer_Full_Ant2

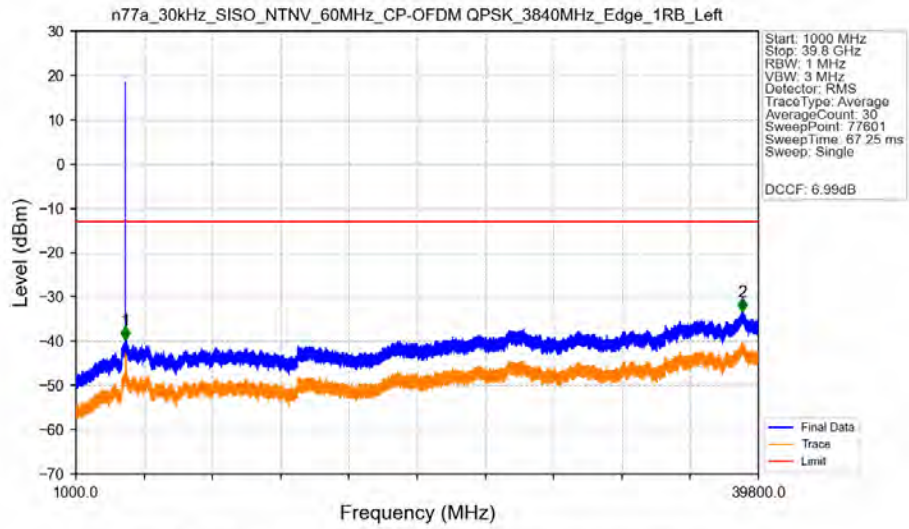


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.02	3695.02	0.5	/	1	3695.020	-39.65	-13	Pass
3695.02	3699.02	0.5	CHP	2	3698.730	-36.15	-13	Pass
3699.02	3700.02	0.35	CHP	3	3699.360	-36.58	-13	Pass
3700.02	3760.02	0.35	CHP	/	/	/	/	/
3760.02	3761.02	0.35	CHP	4	3760.680	-35.11	-13	Pass
3761.02	3765.02	0.5	CHP	5	3762.920	-34.70	-13	Pass

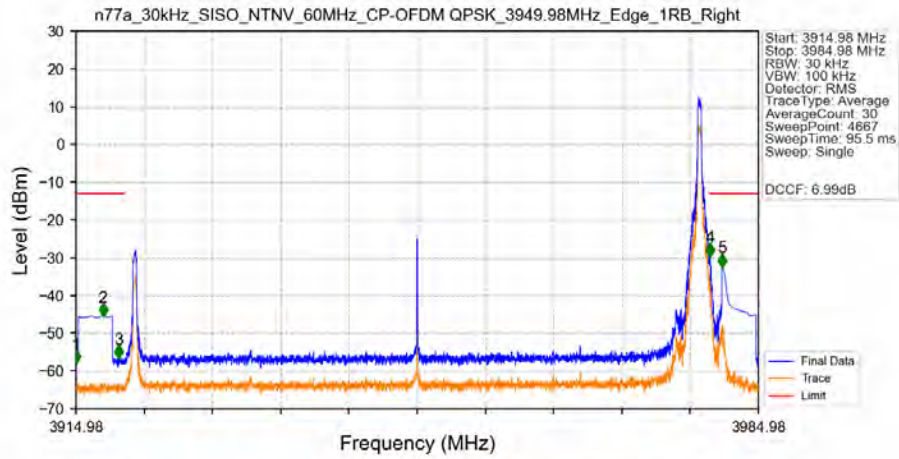
n77a 30kHz SISO NTN 60MHz CP-OFDM QPSK 3840MHz Edge 1RB Left Ant2



n77a 30kHz SISO NTN 60MHz CP-OFDM QPSK 3840MHz Edge 1RB Left Ant2

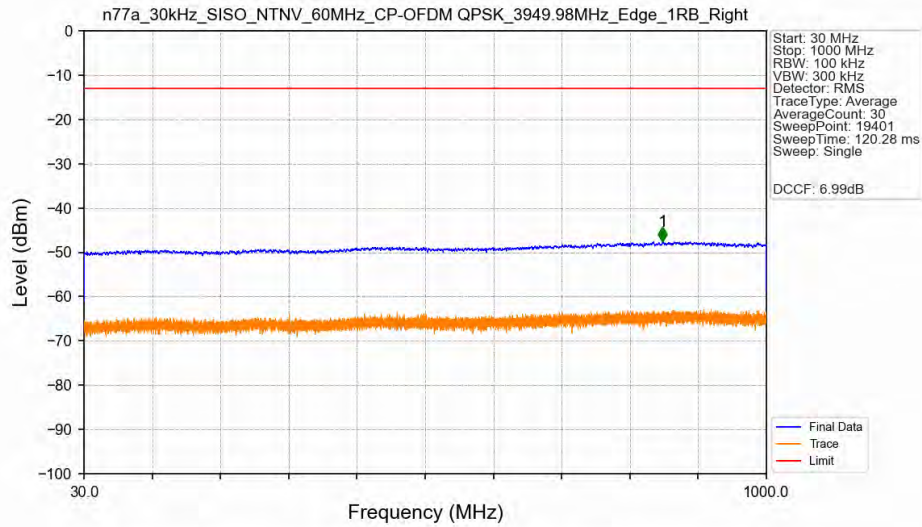


n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3949.98MHz_Edge_1RB_Right_Ant2



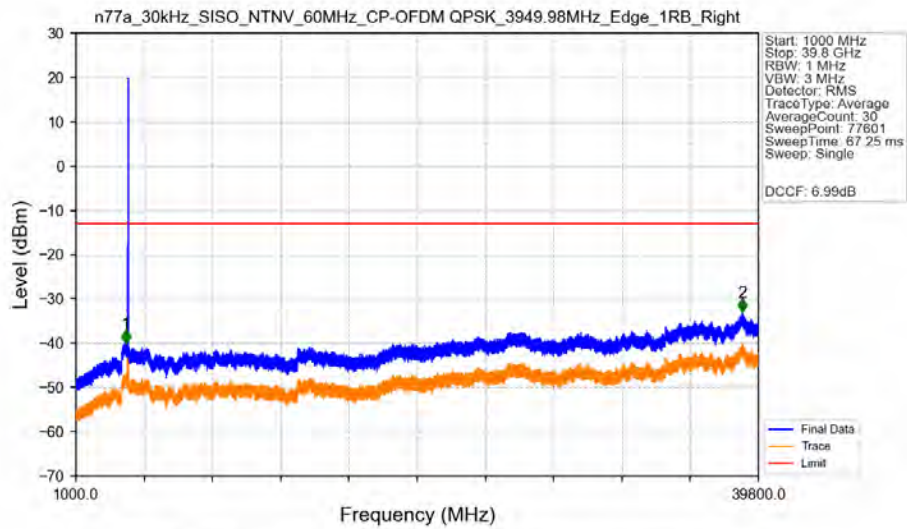
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3914.98	3914.98	0.5	/	1	3914.980	-57.72	-13	Pass
3914.98	3918.98	0.5	CHP	2	3917.755	-45.37	-13	Pass
3918.98	3919.98	0.03	/	3	3919.346	-56.37	-13	Pass
3919.98	3979.98	0.03	/	/	/	/	/	/
3979.98	3980.98	0.03	/	4	3980.044	-29.40	-13	Pass
3980.98	3984.98	0.5	CHP	5	3981.244	-32.21	-13	Pass

n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3949.98MHz_Edge_1RB_Right_Ant2



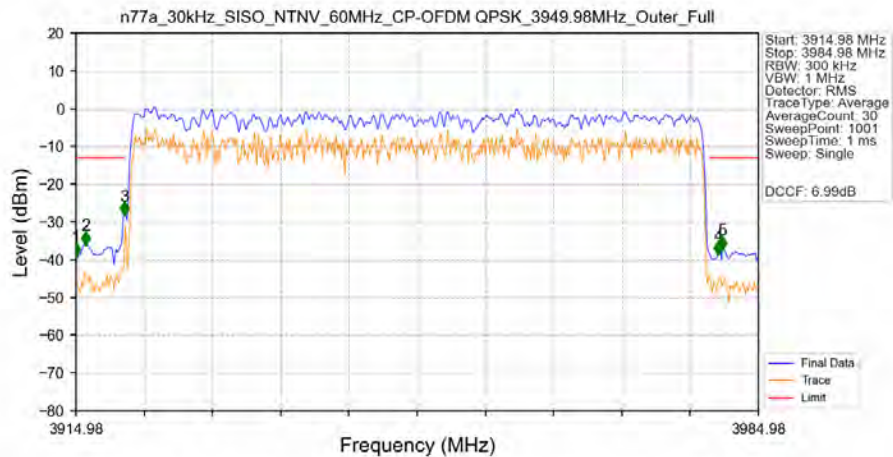
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	852.600	-47.54	-13	Pass

n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3949.98MHz_Edge_1RB_Right_Ant2



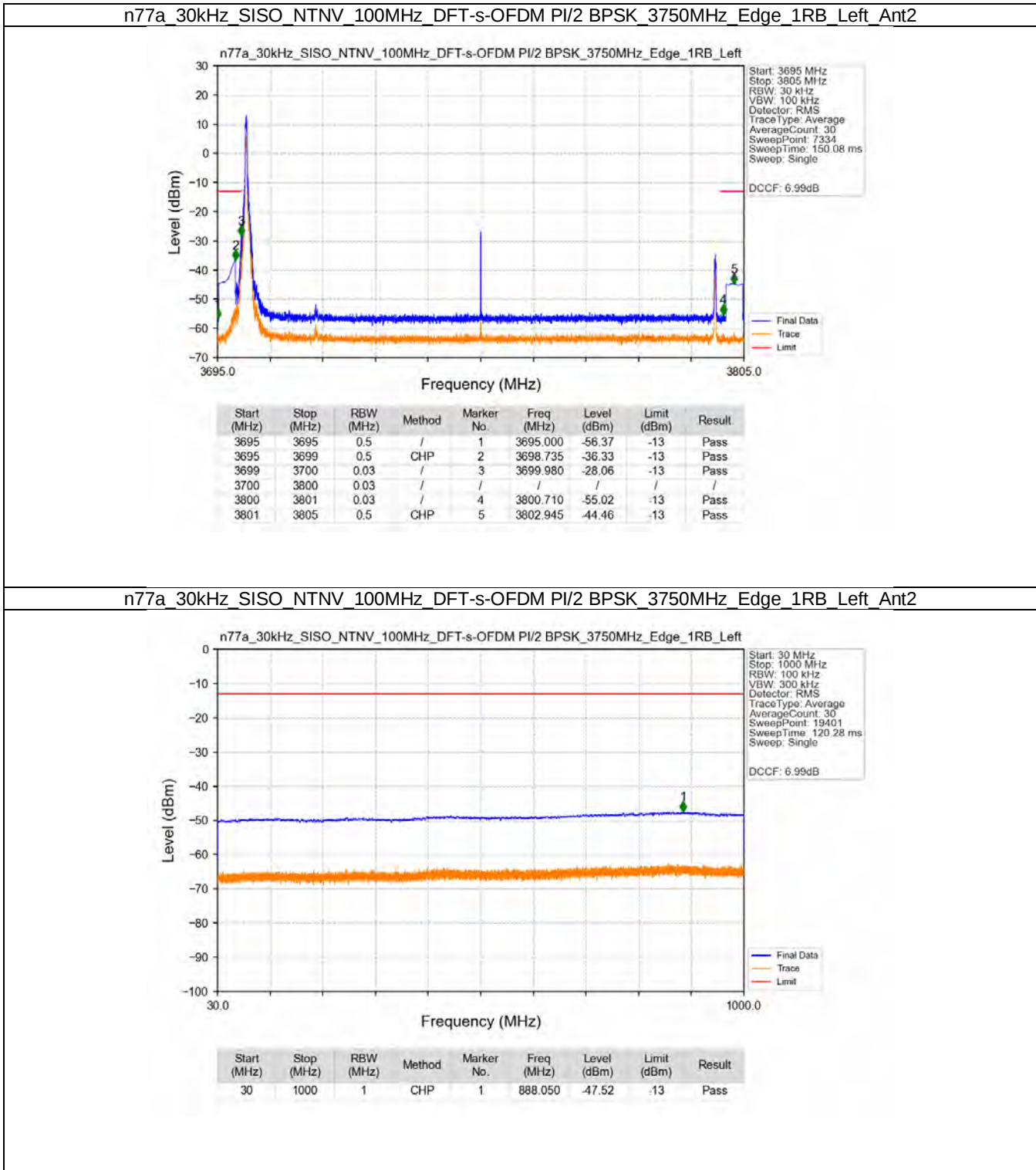
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3914.98	1	/	1	3837.000	-40.00	-13	Pass
3914.98	3984.98	1	/	/	/	/	/	/
3984.98	39800	1	/	2	38887.500	-33.04	-13	Pass

n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3949.98MHz_Outer_Full_Ant2

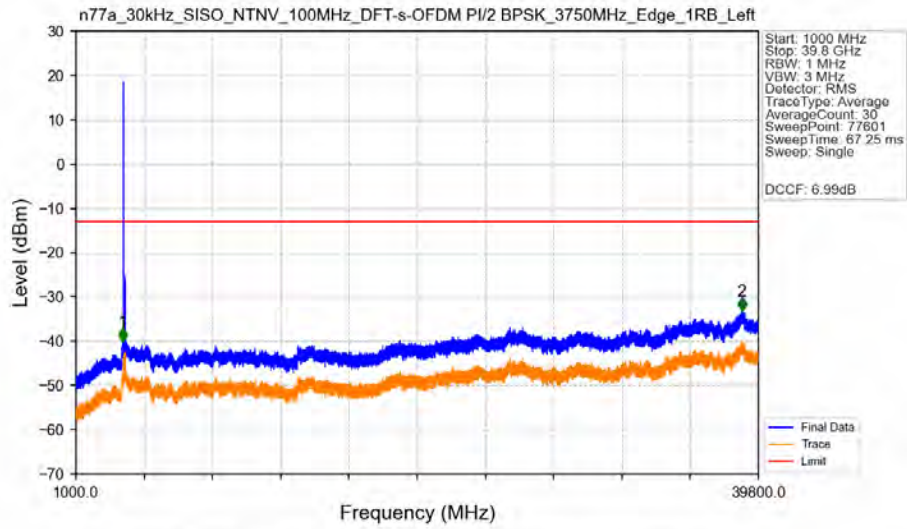


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3914.98	3914.98	0.5	/	1	3914.980	-38.79	-13	Pass
3914.98	3918.98	0.5	CHP	2	3915.960	-35.78	-13	Pass
3918.98	3919.98	0.35	CHP	3	3919.950	-27.93	-13	Pass
3919.98	3979.98	0.35	CHP	/	/	/	/	/
3979.98	3980.98	0.35	CHP	4	3980.850	-38.50	-13	Pass
3980.98	3984.98	0.5	CHP	5	3981.270	-37.09	-13	Pass

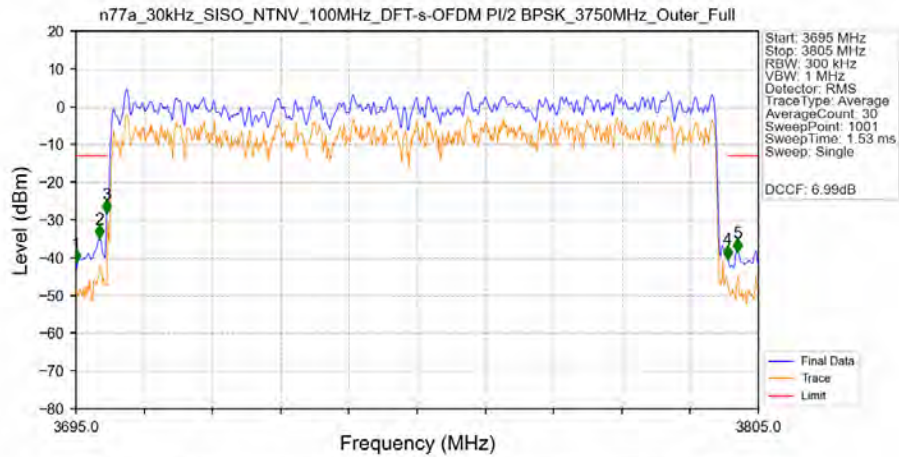
5.2.3 30k_SISO_100MHz_NTNV



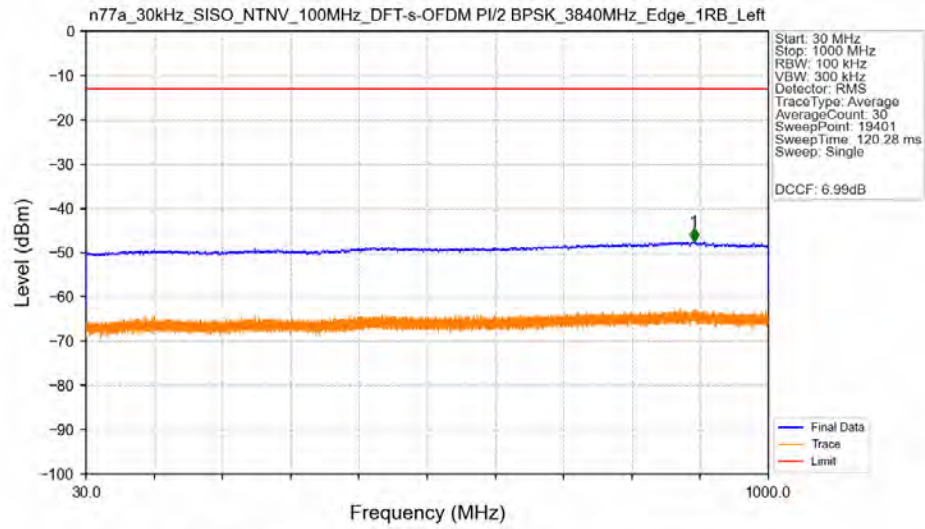
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_3750MHz_Edge_1RB_Left_Ant2



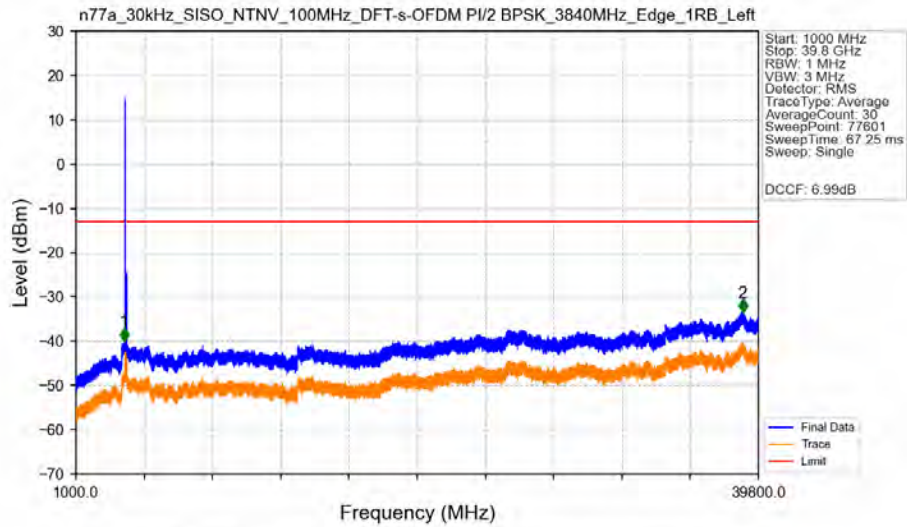
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_3750MHz_Outer_Full_Ant2



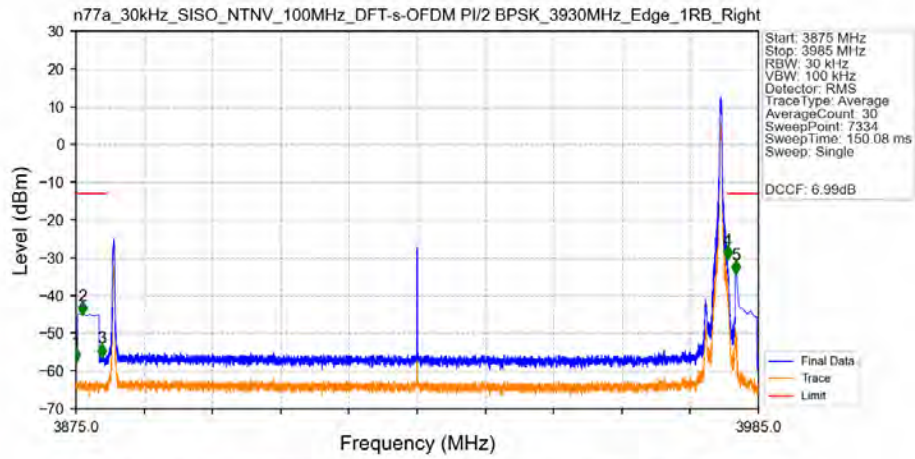
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 3840MHz Edge 1RB Left Ant2



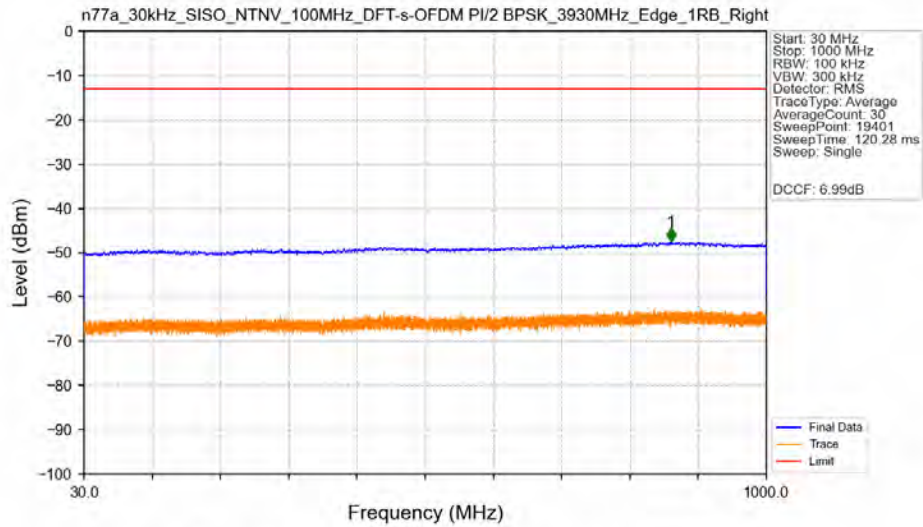
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 3840MHz Edge 1RB Left Ant2



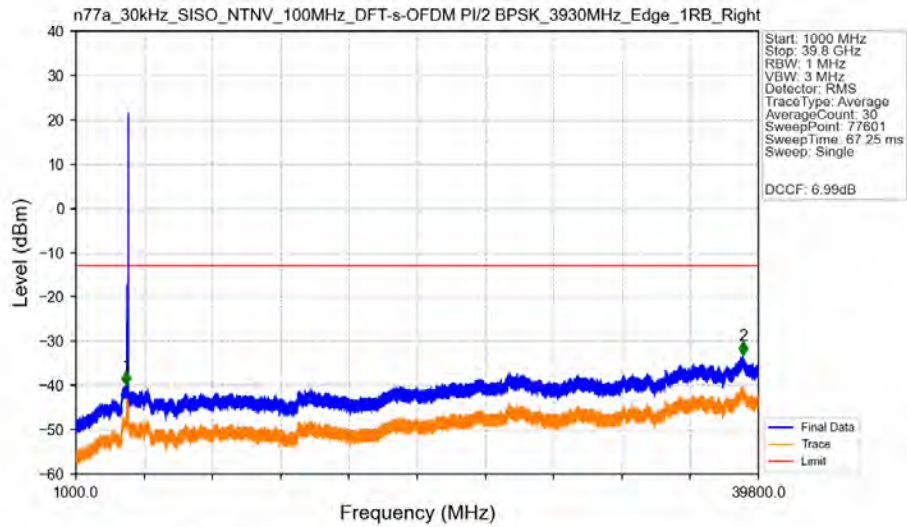
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_3930MHz_Edge_1RB_Right_Ant2



n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_3930MHz_Edge_1RB_Right_Ant2

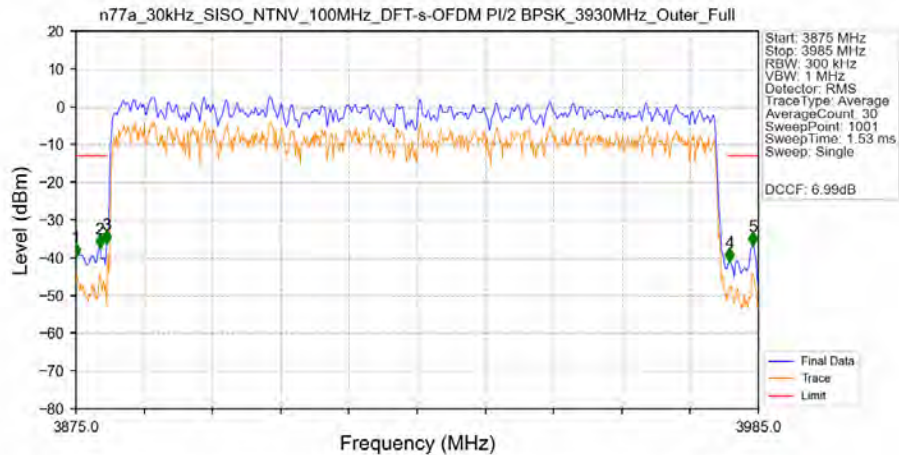


n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_3930MHz_Edge_1RB_Right_Ant2



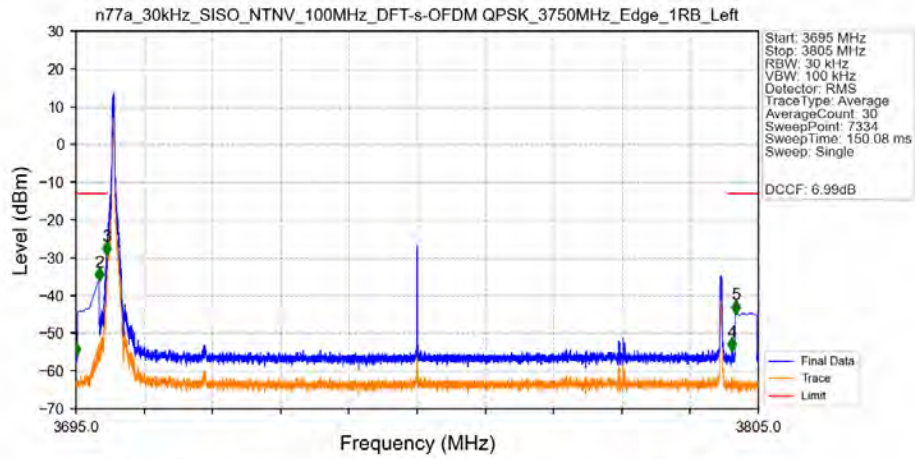
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3875	1	/	1	3846.500	-40.00	-13	Pass
3875	3985	1	/	/	/	/	/	/
3985	39800	1	/	2	38926.000	-33.23	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_3930MHz_Outer_Full_Ant2



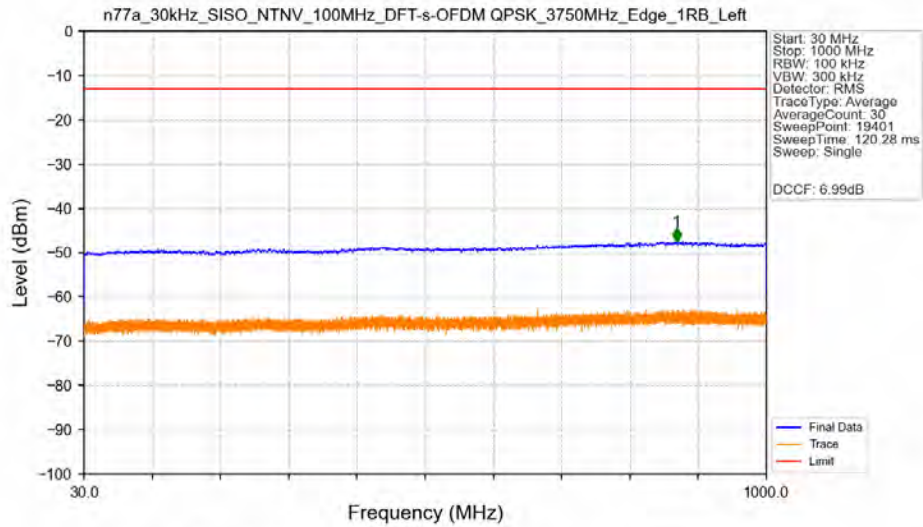
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3875	0.5	/	1	3875.000	-39.41	-13	Pass
3875	3879	0.5	CHP	2	3878.850	-37.20	-13	Pass
3879	3880	0.35	CHP	3	3879.950	-36.05	-13	Pass
3880	3980	0.35	CHP	/	/	/	/	/
3980	3981	0.35	CHP	4	3980.380	-40.80	-13	Pass
3981	3985	0.5	CHP	5	3984.120	-36.49	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant2



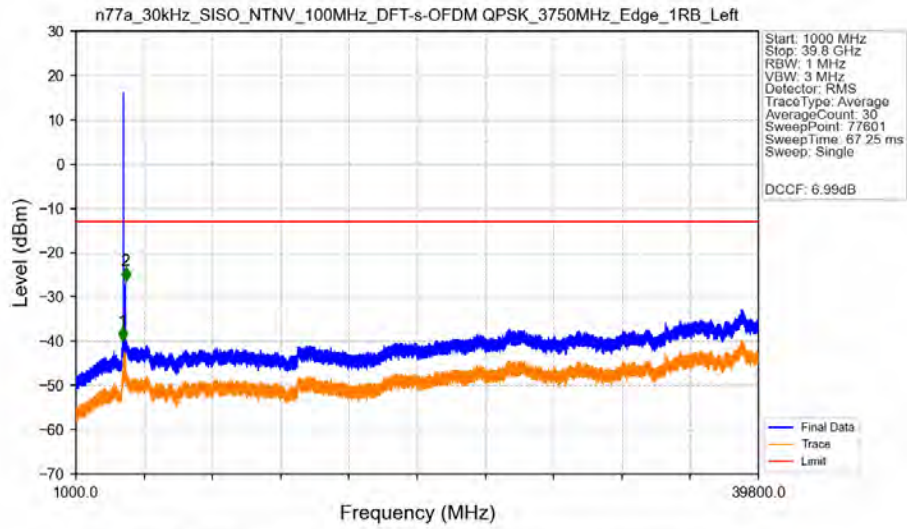
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-55.73	-13	Pass
3695	3699	0.5	CHP	2	3698.735	-35.95	-13	Pass
3699	3700	0.03	/	3	3699.995	-29.08	-13	Pass
3700	3800	0.03	/	/	/	/	/	/
3800	3801	0.03	/	4	3800.725	-54.57	-13	Pass
3801	3805	0.5	CHP	5	3801.370	-44.61	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant2



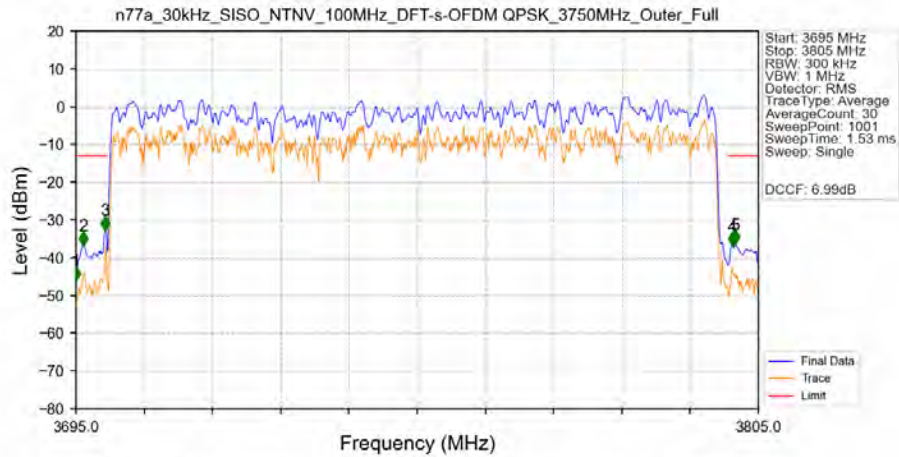
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	872.400	-47.45	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant2



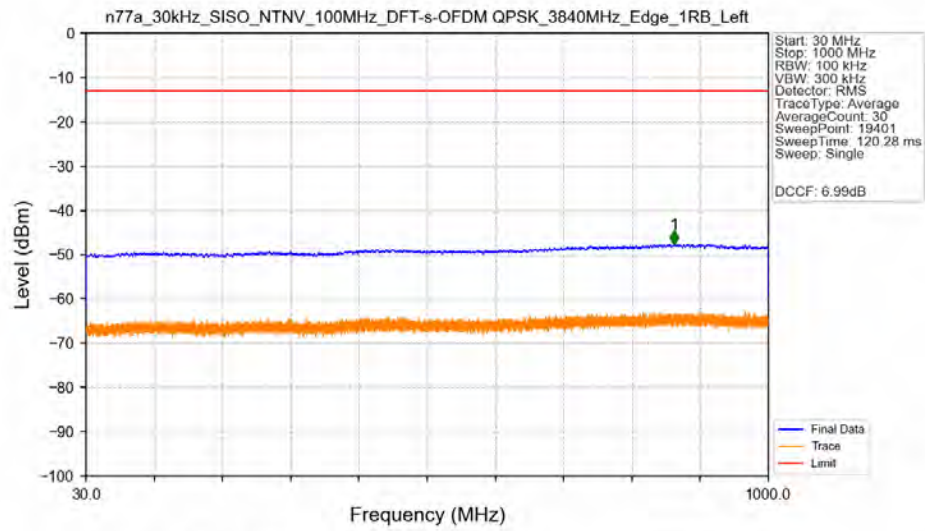
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3652.000	-39.83	-13	Pass
3695	3805	1	/	/	/	/	/	/
3805	39800	1	/	2	3824.500	-26.33	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3750MHz_Outer_Full_Ant2

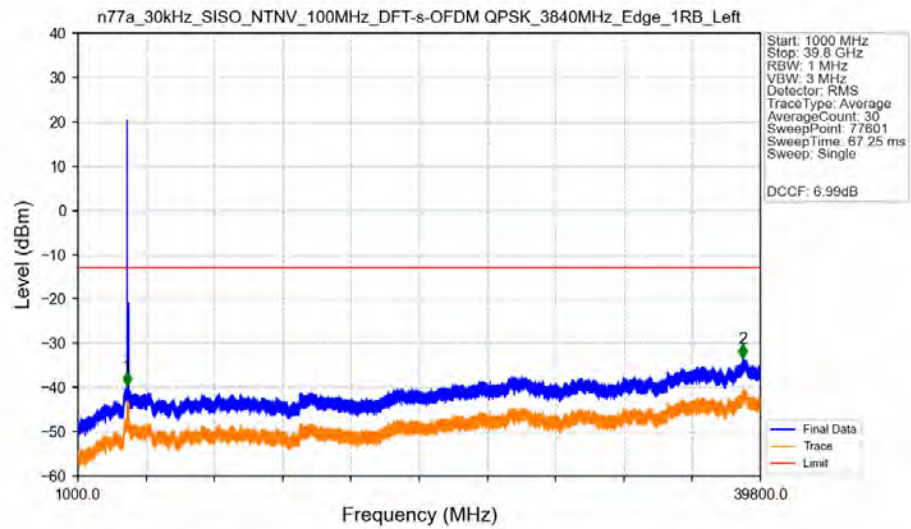


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-45.61	-13	Pass
3695	3699	0.5	CHP	2	3696.210	-36.41	-13	Pass
3699	3700	0.35	CHP	3	3699.730	-32.38	-13	Pass
3700	3800	0.35	CHP	/	/	/	/	/
3800	3801	0.35	CHP	4	3800.820	-36.48	-13	Pass
3801	3805	0.5	CHP	5	3801.260	-36.17	-13	Pass

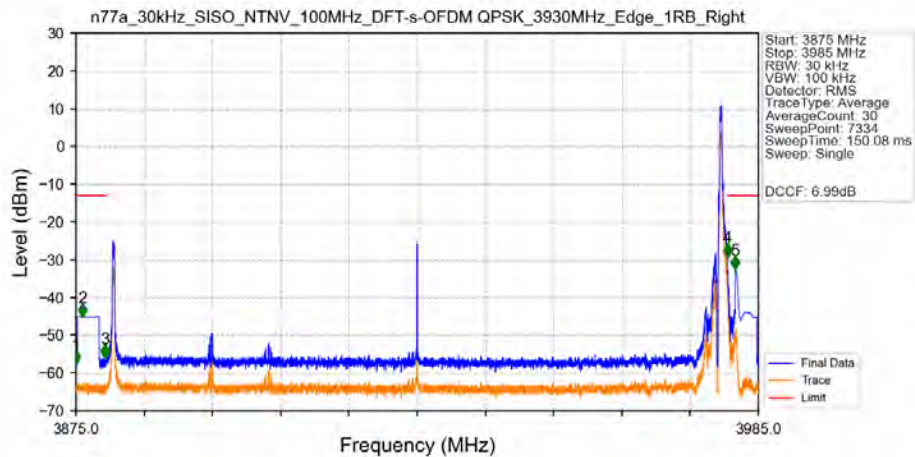
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant2



n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant2

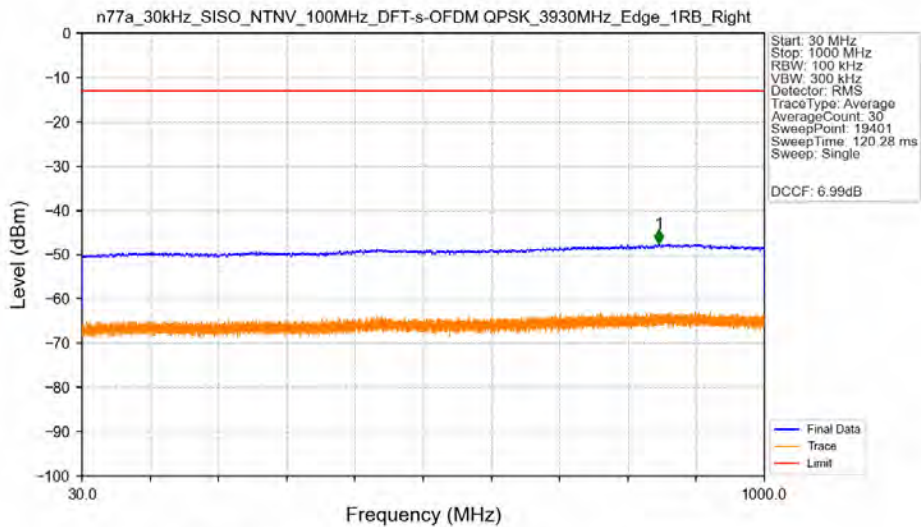


n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3930MHz_Edge_1RB_Right_Ant2



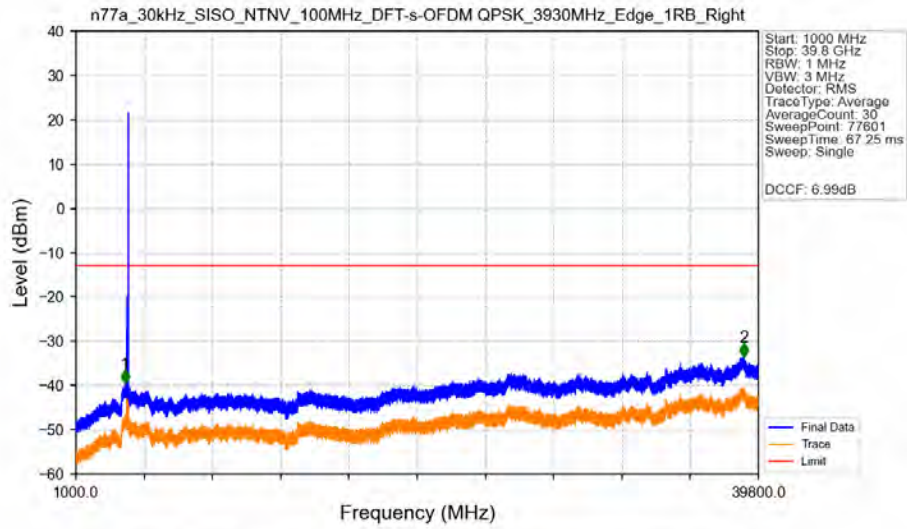
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3875	0.5	/	1	3875.000	-57.24	-13	Pass
3875	3879	0.5	CHP	2	3876.065	-44.90	-13	Pass
3879	3880	0.03	/	3	3879.710	-55.82	-13	Pass
3880	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	4	3980.005	-29.01	-13	Pass
3981	3985	0.5	CHP	5	3981.265	-32.23	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3930MHz_Edge_1RB_Right_Ant2



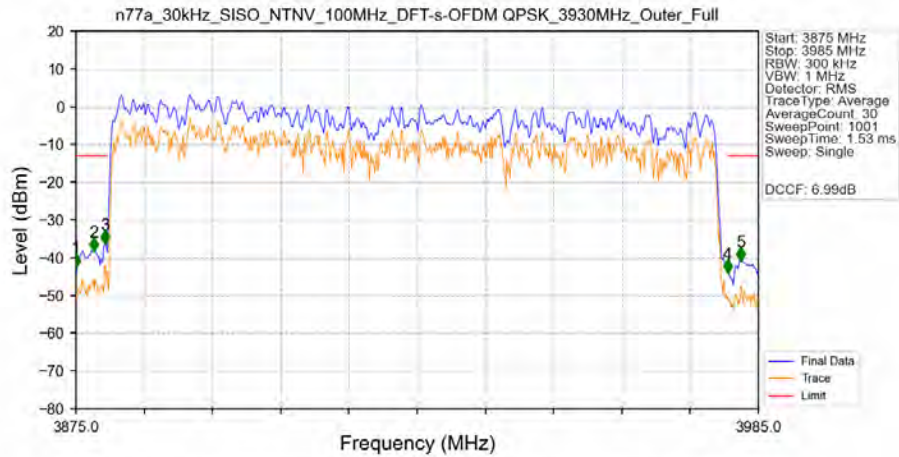
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	849.950	-47.55	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3930MHz_Edge_1RB_Right_Ant2



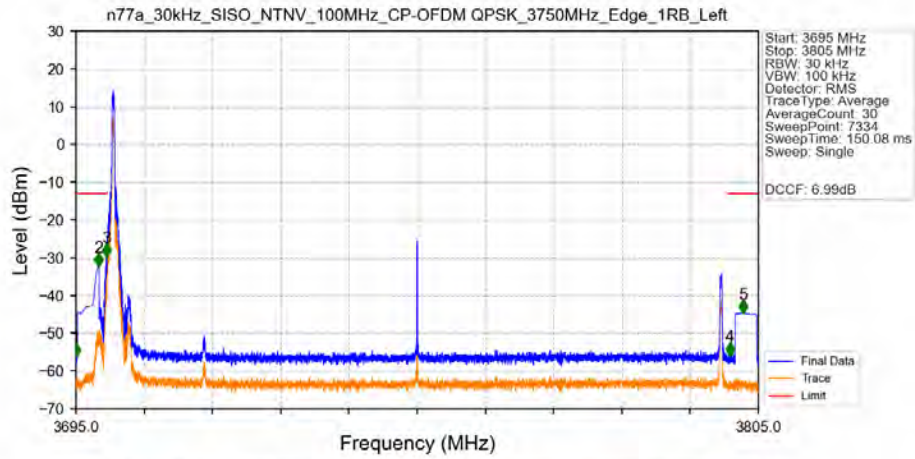
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3875	1	/	1	3785.000	-39.59	-13	Pass
3875	3985	1	/	/	/	/	/	/
3985	39800	1	/	2	38983.500	-33.55	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3930MHz_Outer_Full_Ant2



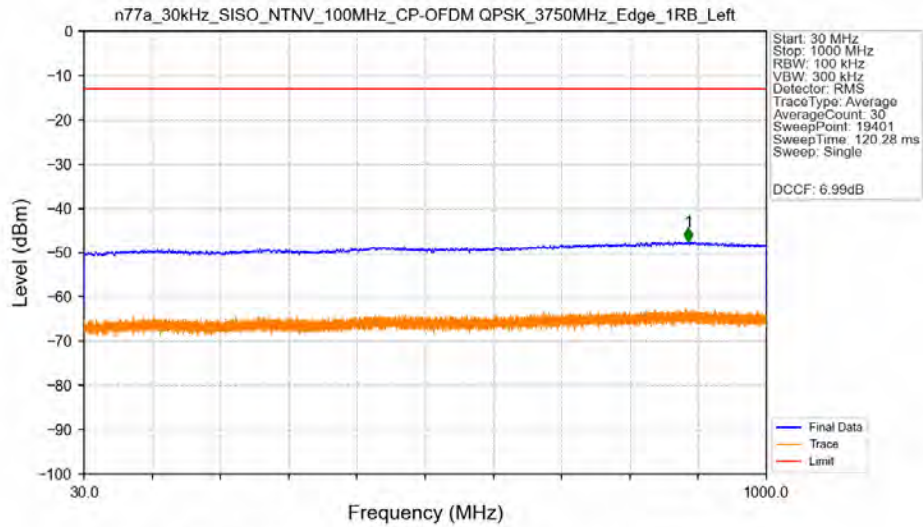
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3875	0.5	/	1	3875.000	-42.17	-13	Pass
3875	3879	0.5	CHP	2	3877.860	-37.95	-13	Pass
3879	3880	0.35	CHP	3	3879.730	-36.08	-13	Pass
3880	3980	0.35	CHP	/	/	/	/	/
3980	3981	0.35	CHP	4	3980.050	-43.86	-13	Pass
3981	3985	0.5	CHP	5	3982.140	-40.65	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant2



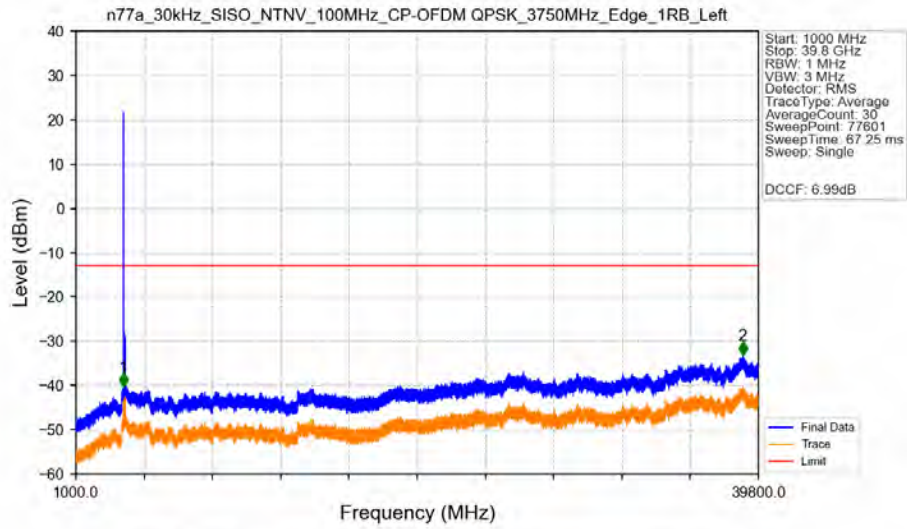
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-55.92	-13	Pass
3695	3699	0.5	CHP	2	3698.645	-32.13	-13	Pass
3699	3700	0.03	/	3	3699.995	-29.48	-13	Pass
3700	3800	0.03	/	/	/	/	/	/
3800	3801	0.03	/	4	3800.395	-55.71	-13	Pass
3801	3805	0.5	CHP	5	3802.540	-44.54	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant2



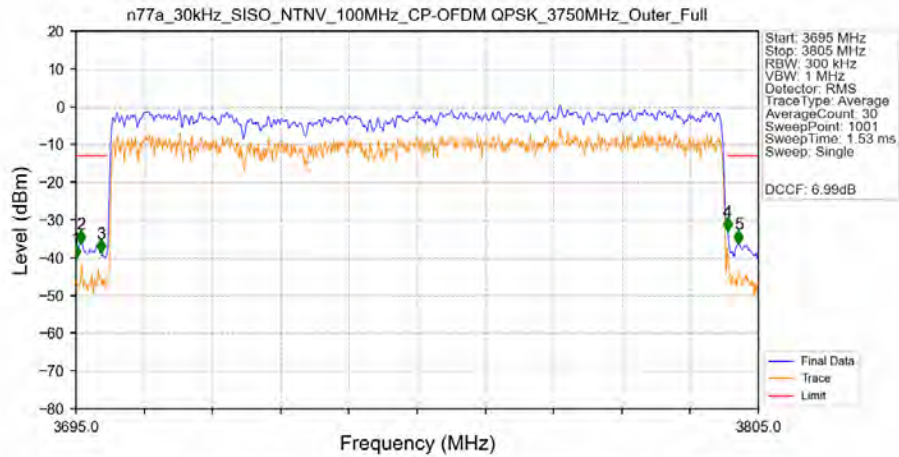
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	889.200	-47.46	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Edge_1RB_Left Ant2



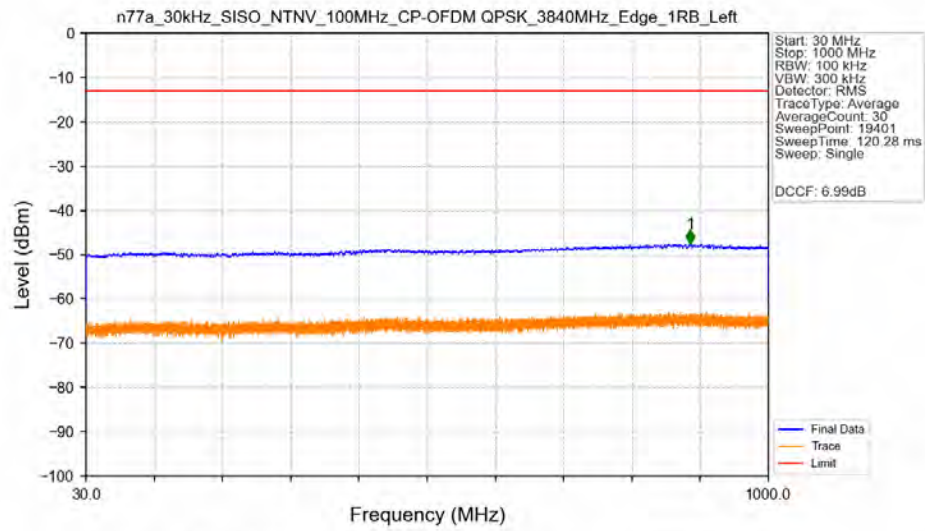
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3686.500	-40.26	-13	Pass
3695	3805	1	/	/	/	/	/	/
3805	39800	1	/	2	38913.000	-33.22	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Outer_Full Ant2

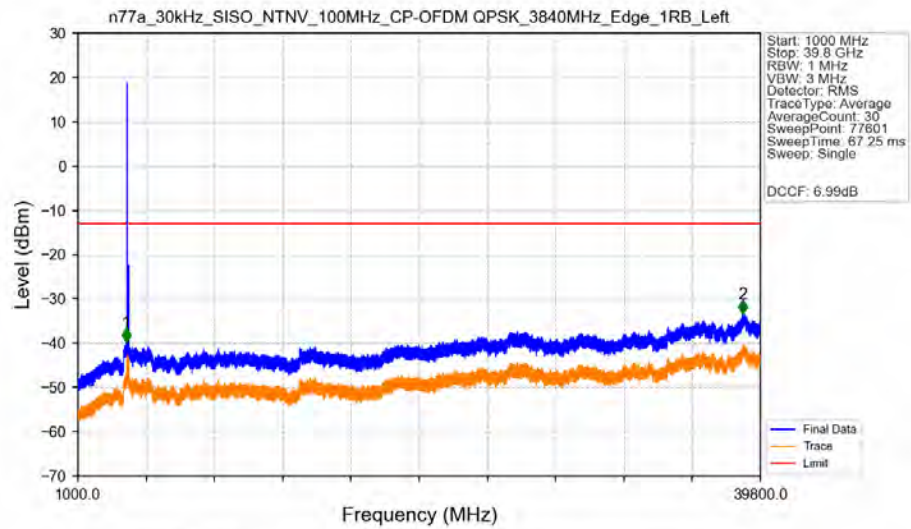


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-39.85	-13	Pass
3695	3699	0.5	CHP	2	3695.770	-35.97	-13	Pass
3699	3700	0.35	CHP	3	3699.070	-38.46	-13	Pass
3700	3800	0.35	CHP	/	/	/	/	/
3800	3801	0.35	CHP	4	3800.050	-32.72	-13	Pass
3801	3805	0.5	CHP	5	3801.810	-36.01	-13	Pass

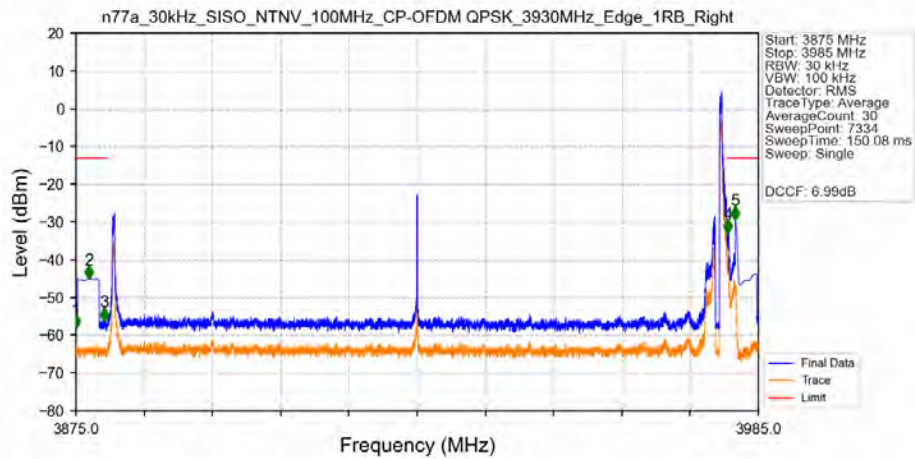
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant2



n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant2

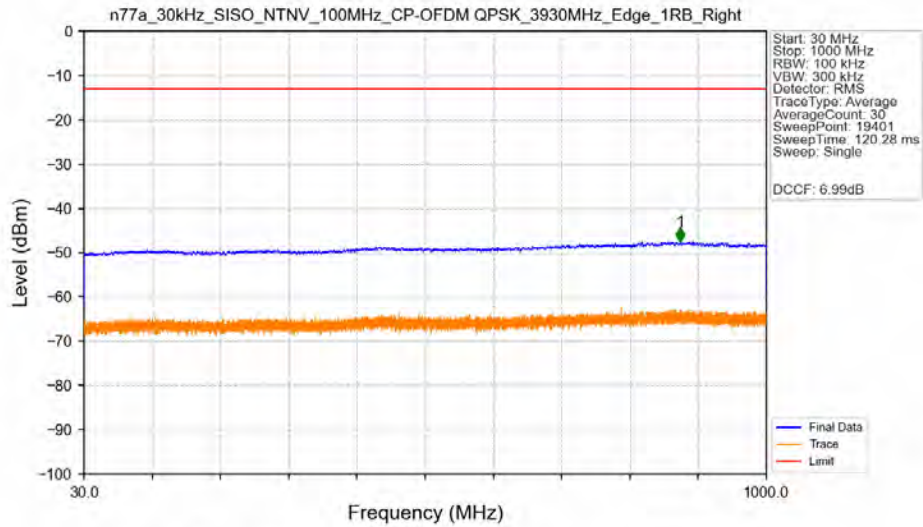


n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3930MHz_Edge_1RB_Right_Ant2



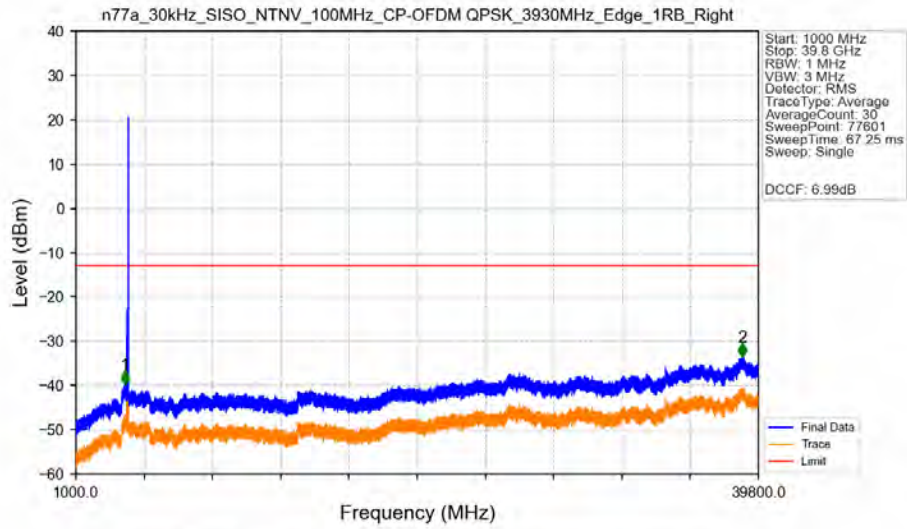
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3875	0.5	/	1	3875.000	-57.84	-13	Pass
3875	3879	0.5	CHP	2	3877.070	-44.89	-13	Pass
3879	3880	0.03	/	3	3879.590	-56.11	-13	Pass
3880	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	4	3980.095	-32.66	-13	Pass
3981	3985	0.5	CHP	5	3981.265	-29.15	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3930MHz_Edge_1RB_Right_Ant2



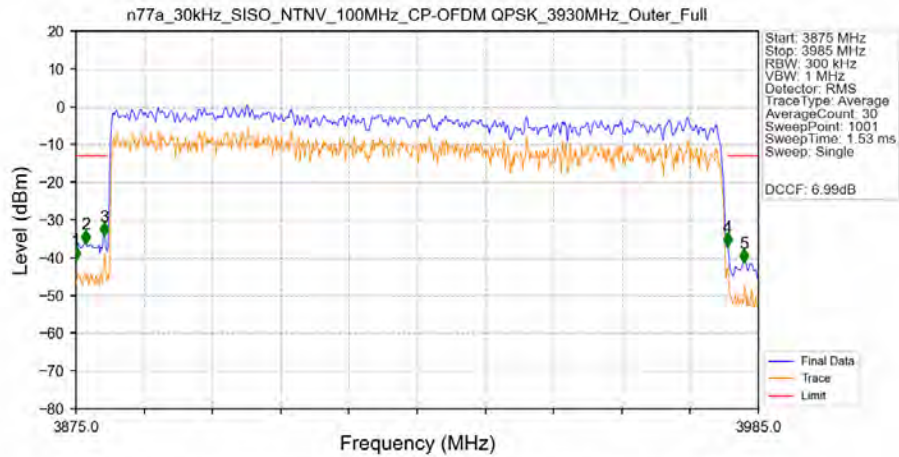
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	877.800	-47.40	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3930MHz_Edge_1RB_Right_Ant2



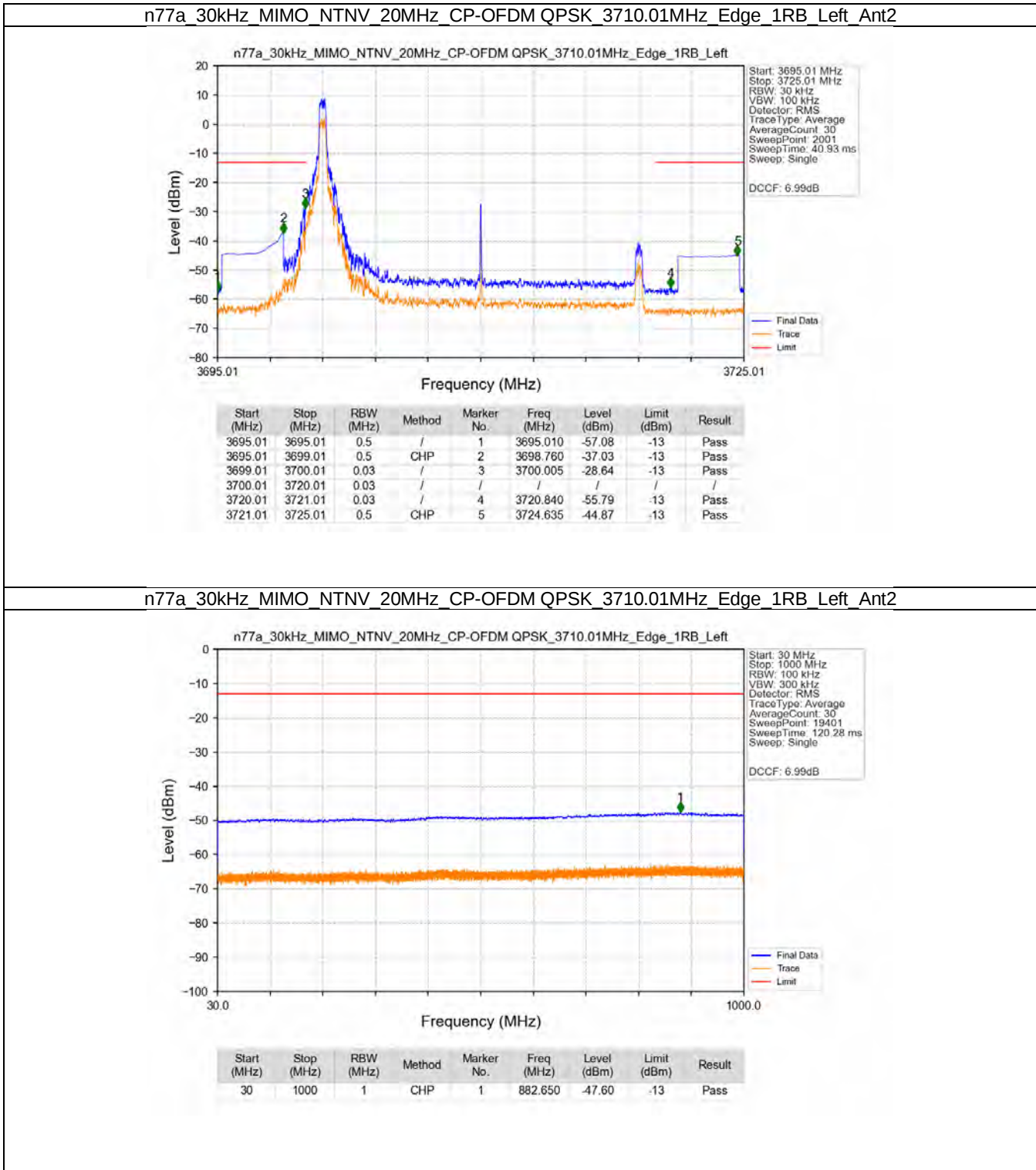
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3875	1	/	1	3776.500	-39.68	-13	Pass
3875	3985	1	/	/	/	/	/	/
3985	39800	1	/	2	38879.500	-33.58	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3930MHz_Outer_Full_Ant2

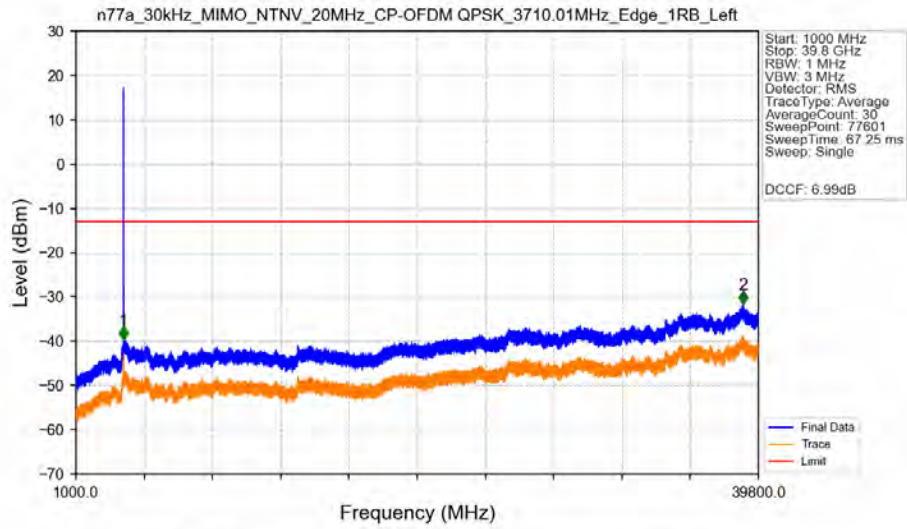


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3875	0.5	/	1	3875.000	-40.28	-13	Pass
3875	3879	0.5	CHP	2	3876.540	-36.01	-13	Pass
3879	3880	0.35	CHP	3	3879.510	-33.89	-13	Pass
3880	3980	0.35	CHP	/	/	/	/	/
3980	3981	0.35	CHP	4	3980.050	-36.76	-13	Pass
3981	3985	0.5	CHP	5	3982.690	-40.98	-13	Pass

5.2.4 30k_MIMO_20MHz_NTNV

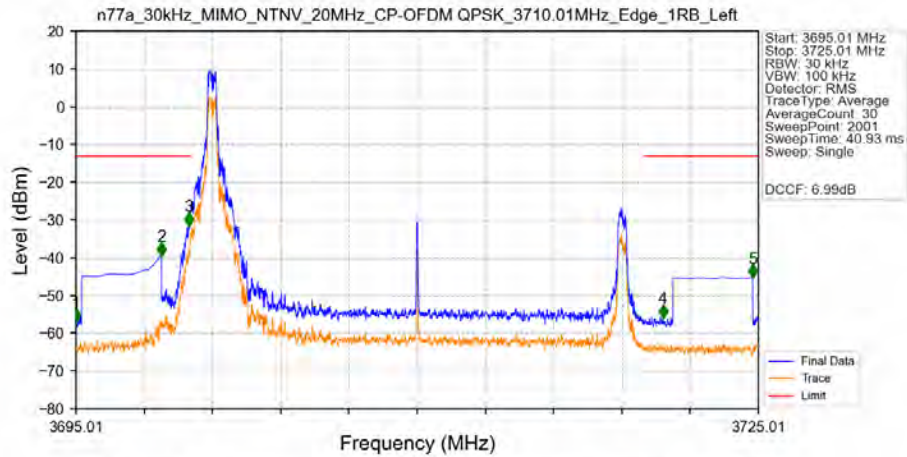


n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Edge_1RB_Left_Ant2



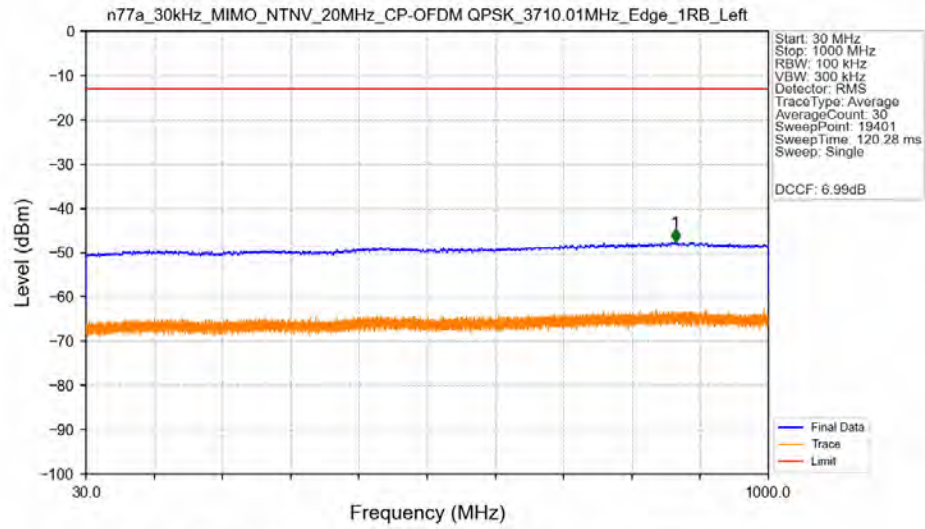
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	3688.500	-39.70	-13	Pass
3695.01	3725.01	1	/	/	/	/	/	/
3725.01	39800	1	/	2	38937.000	-31.71	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Edge_1RB_Left_Ant0

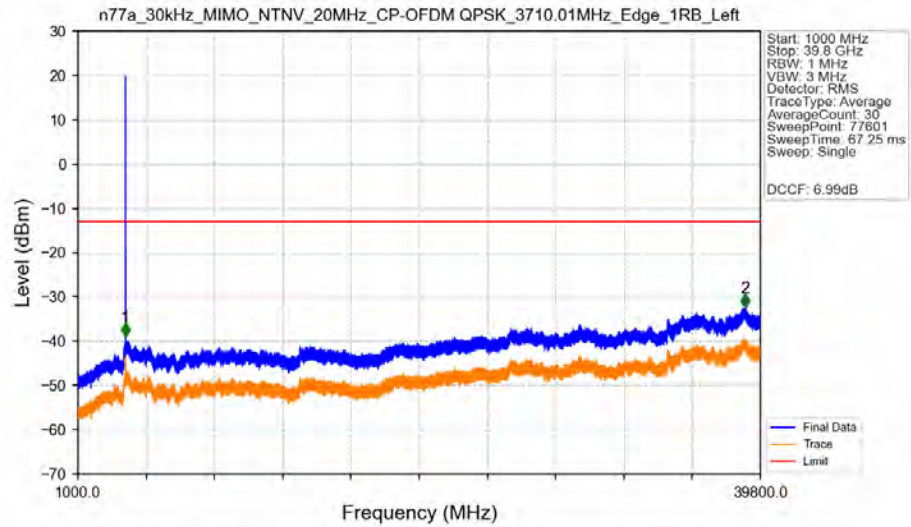


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-56.78	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.760	-39.17	-13	Pass
3699.01	3700.01	0.03	/	3	3699.975	-31.27	-13	Pass
3700.01	3720.01	0.03	/	/	/	/	/	/
3720.01	3721.01	0.03	/	4	3720.810	-55.67	-13	Pass
3721.01	3725.01	0.5	CHP	5	3724.755	-45.05	-13	Pass

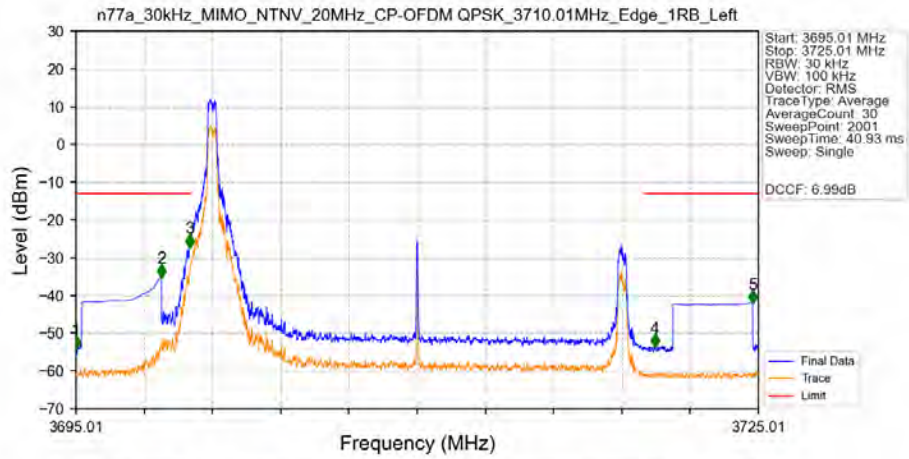
n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Edge_1RB_Left_Ant0



n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Edge_1RB_Left_Ant0

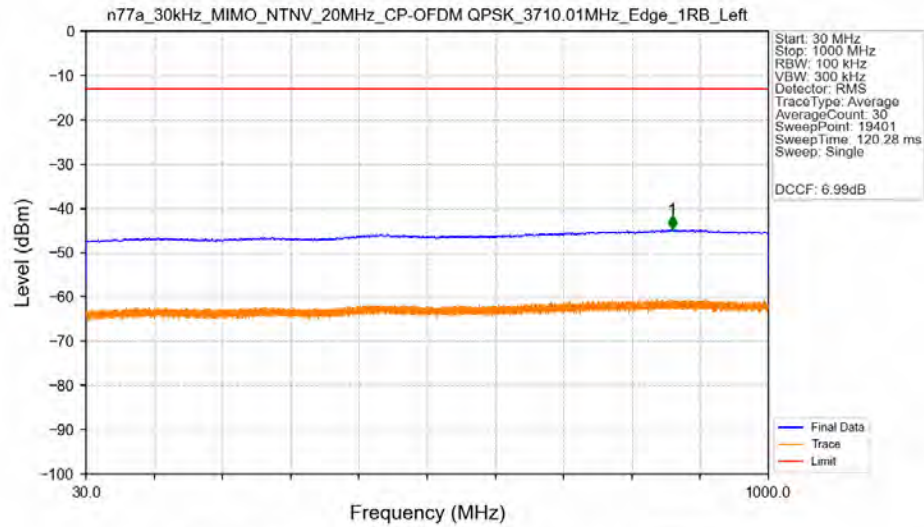


n77a 30kHz MIMO NTN 20MHz CP-OFDM QPSK 3710.01MHz Edge 1RB Left MIMO



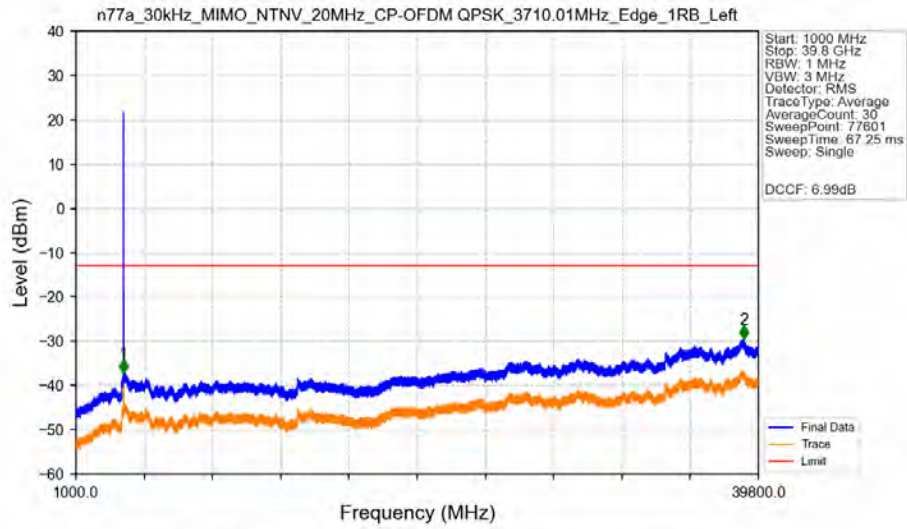
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-53.92	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.760	-34.96	-13	Pass
3699.01	3700.01	0.03	/	3	3700.005	-27.07	-13	Pass
3700.01	3720.01	0.03	/	/	/	/	/	/
3720.01	3721.01	0.03	/	4	3720.465	-53.39	-13	Pass
3721.01	3725.01	0.5	CHP	5	3724.755	-41.98	-13	Pass

n77a 30kHz MIMO NTN 20MHz CP-OFDM QPSK 3710.01MHz Edge 1RB Left MIMO



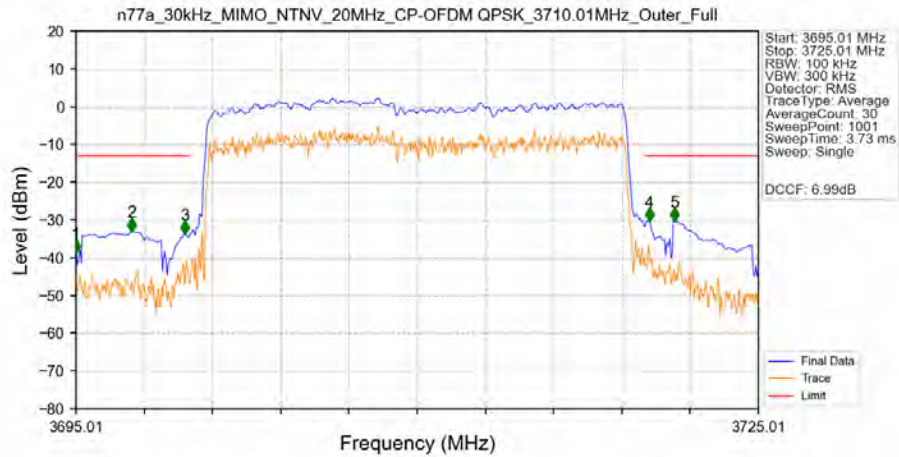
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	863.150	-44.78	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Edge_1RB_Left_MIMO



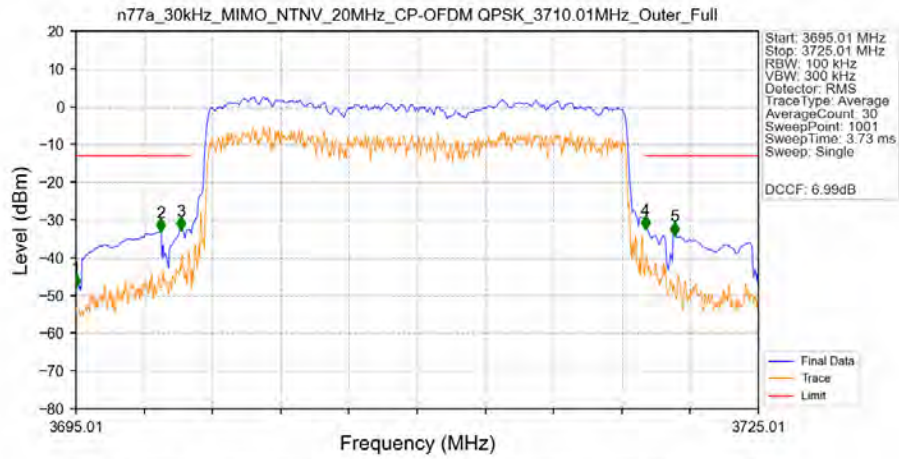
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	3683.500	-37.23	-13	Pass
3695.01	3725.01	1	/	/	/	/	/	/
3725.01	39800	1	/	2	38985.000	-29.58	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Outer_Full_Ant2



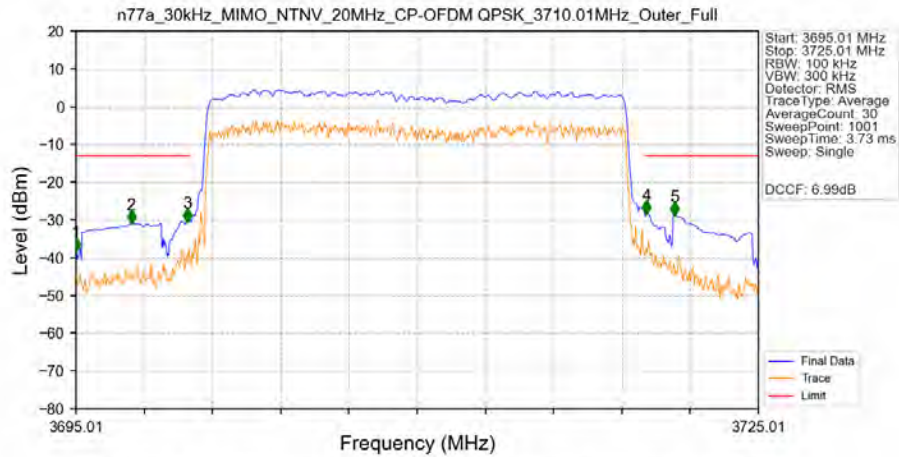
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-38.47	-13	Pass
3695.01	3699.01	0.5	CHP	2	3697.470	-32.78	-13	Pass
3699.01	3700.01	0.1945	CHP	3	3699.780	-33.52	-13	Pass
3700.01	3720.01	0.1945	CHP	/	/	/	/	/
3720.01	3721.01	0.1945	CHP	4	3720.210	-30.06	-13	Pass
3721.01	3725.01	0.5	CHP	5	3721.320	-30.17	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Outer_Full_Ant0



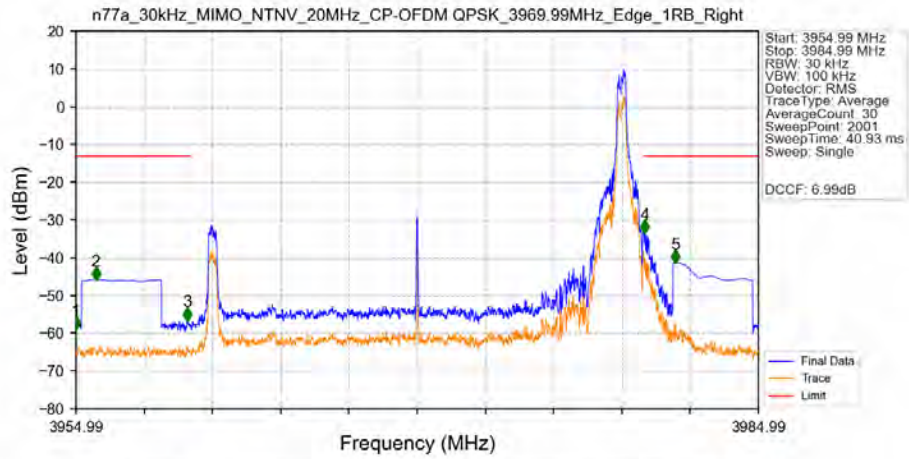
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-47.52	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.730	-32.94	-13	Pass
3699.01	3700.01	0.19777	CHP	3	3699.630	-32.44	-13	Pass
3700.01	3720.01	0.19777	CHP	/	/	/	/	/
3720.01	3721.01	0.19777	CHP	4	3720.030	-32.20	-13	Pass
3721.01	3725.01	0.5	CHP	5	3721.320	-33.83	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3710.01MHz_Outer_Full_MIMO



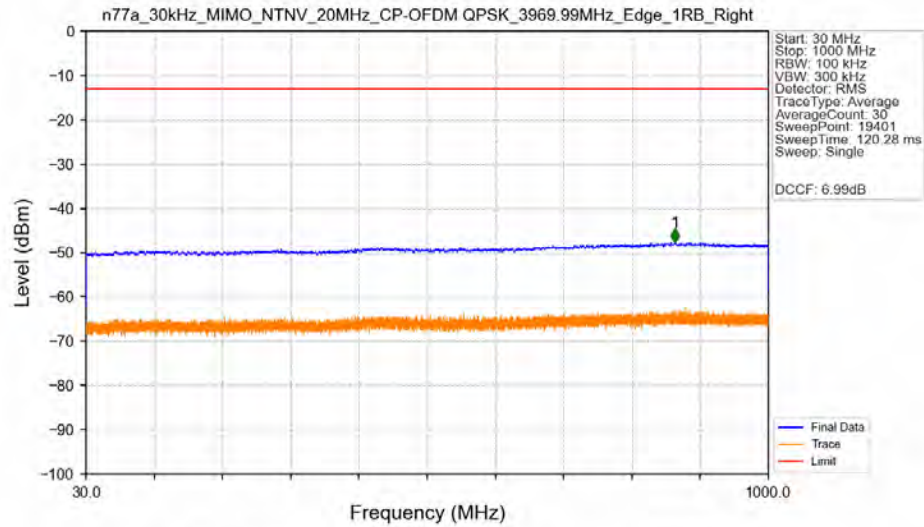
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-37.96	-13	Pass
3695.01	3699.01	0.5	CHP	2	3697.440	-30.78	-13	Pass
3699.01	3700.01	0.1945	CHP	3	3699.900	-30.35	-13	Pass
3700.01	3720.01	0.1945	CHP	/	/	/	/	/
3720.01	3721.01	0.1945	CHP	4	3720.090	-28.22	-13	Pass
3721.01	3725.01	0.5	CHP	5	3721.320	-28.62	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3969.99MHz_Edge_1RB_Right_Ant2



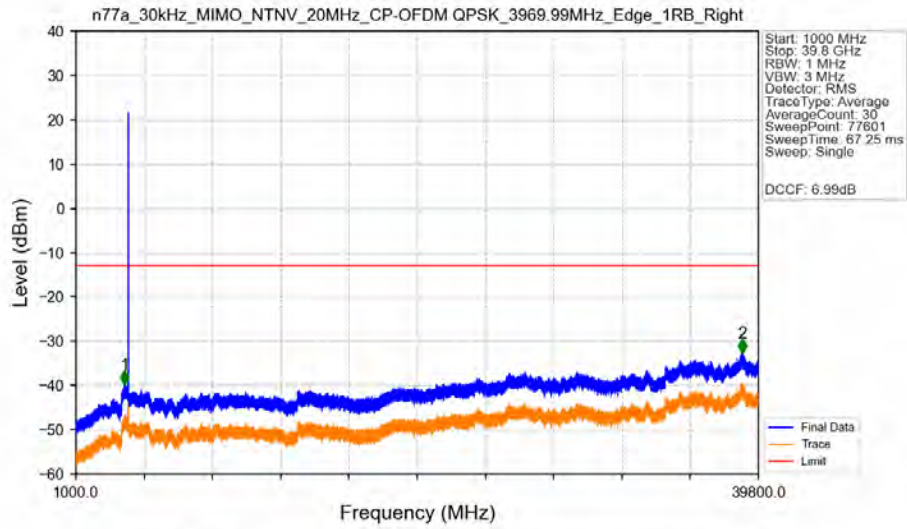
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3954.99	3954.99	0.5	/	1	3954.990	-58.79	-13	Pass
3954.99	3958.99	0.5	CHP	2	3955.860	-45.66	-13	Pass
3958.99	3959.99	0.03	/	3	3959.880	-56.52	-13	Pass
3959.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	4	3979.995	-33.36	-13	Pass
3980.99	3984.99	0.5	CHP	5	3981.330	-41.30	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3969.99MHz_Edge_1RB_Right_Ant2



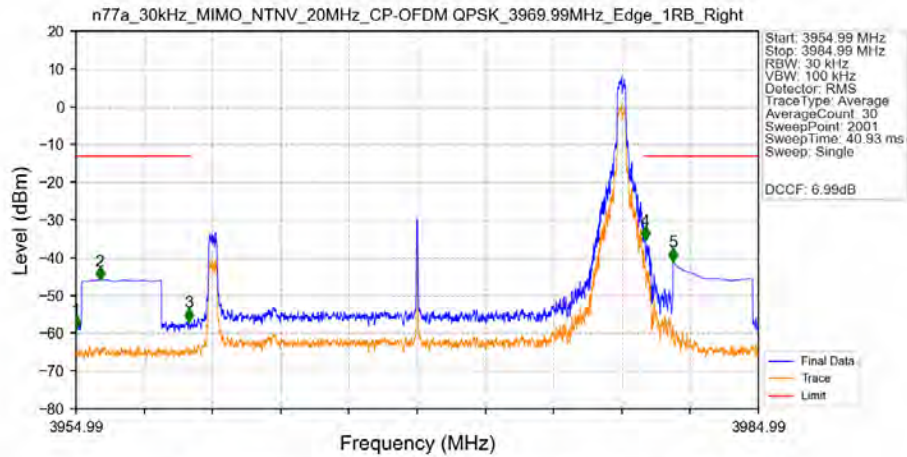
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	867.400	-47.65	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3969.99MHz_Edge_1RB_Right_Ant2



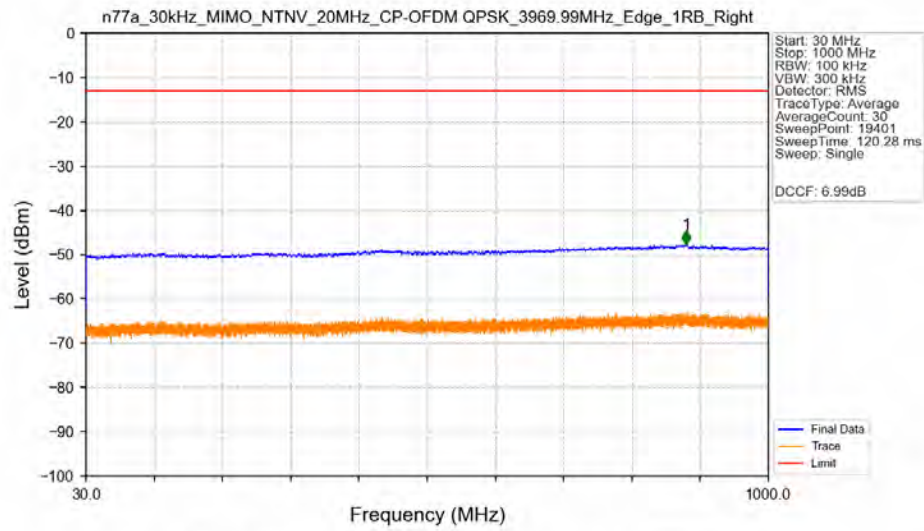
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3954.99	1	/	1	3761.000	-39.81	-13	Pass
3954.99	3984.99	1	/	/	/	/	/	/
3984.99	39800	1	/	2	38905.000	-32.66	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3969.99MHz_Edge_1RB_Right_Ant0

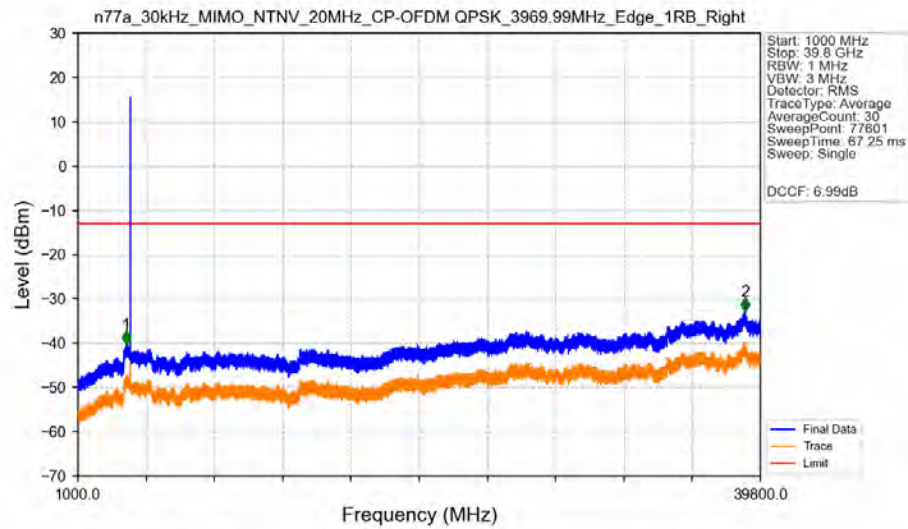


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3954.99	3954.99	0.5	/	1	3954.990	-58.47	-13	Pass
3954.99	3958.99	0.5	CHP	2	3956.040	-45.70	-13	Pass
3958.99	3959.99	0.03	/	3	3959.955	-56.69	-13	Pass
3959.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	4	3980.010	-35.04	-13	Pass
3980.99	3984.99	0.5	CHP	5	3981.240	-40.71	-13	Pass

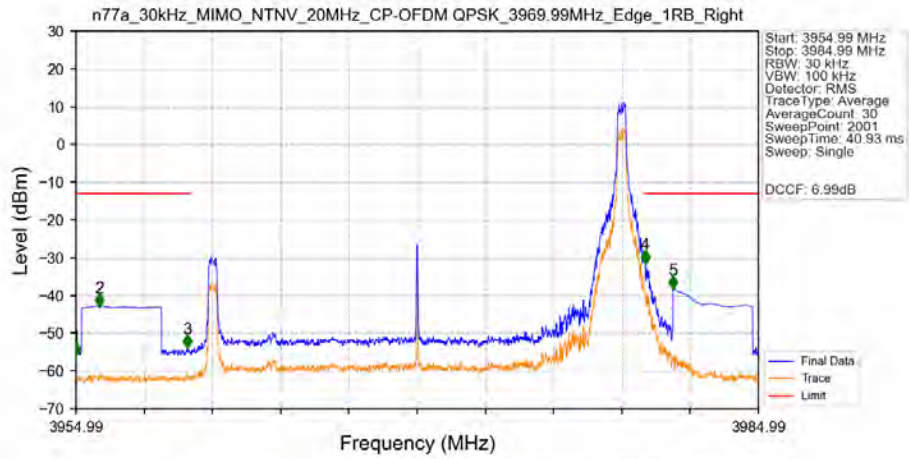
n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3969.99MHz_Edge_1RB_Right_Ant0



n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3969.99MHz_Edge_1RB_Right_Ant0

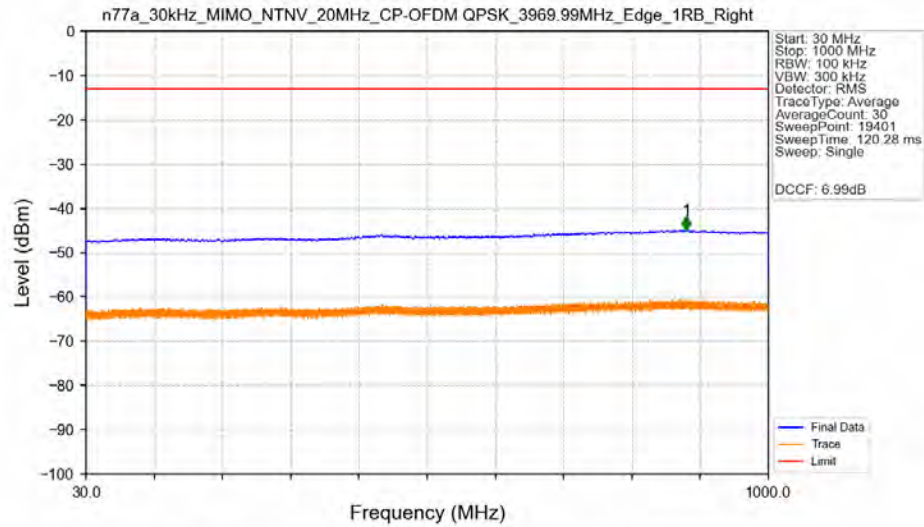


n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3969.99MHz_Edge_1RB_Right_MIMO



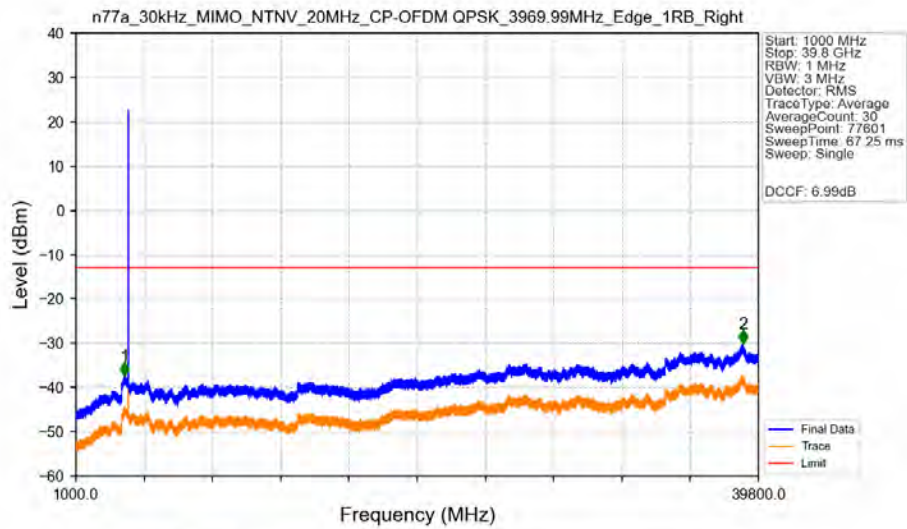
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3954.99	3954.99	0.5	/	1	3954.990	-55.62	-13	Pass
3954.99	3958.99	0.5	CHP	2	3956.010	-42.76	-13	Pass
3958.99	3959.99	0.03	/	3	3959.880	-53.73	-13	Pass
3959.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	4	3980.010	-31.36	-13	Pass
3980.99	3984.99	0.5	CHP	5	3981.240	-38.03	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3969.99MHz_Edge_1RB_Right_MIMO



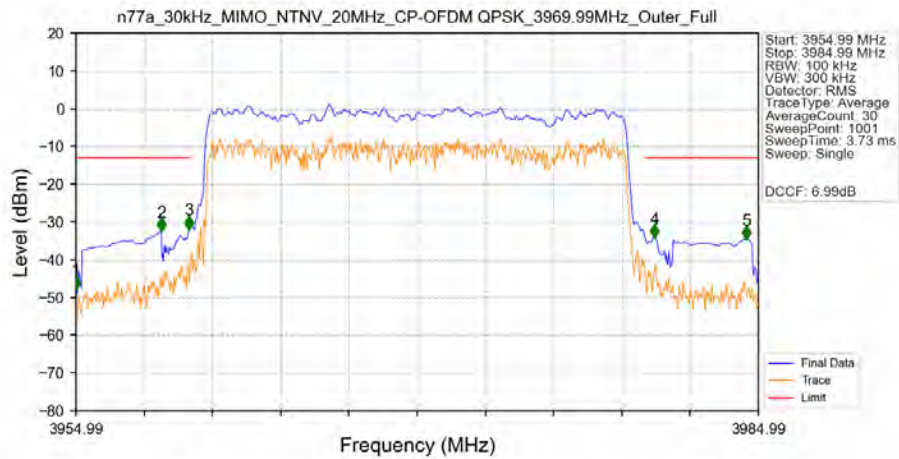
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	883.550	-44.90	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3969.99MHz_Edge_1RB_Right_MIMO



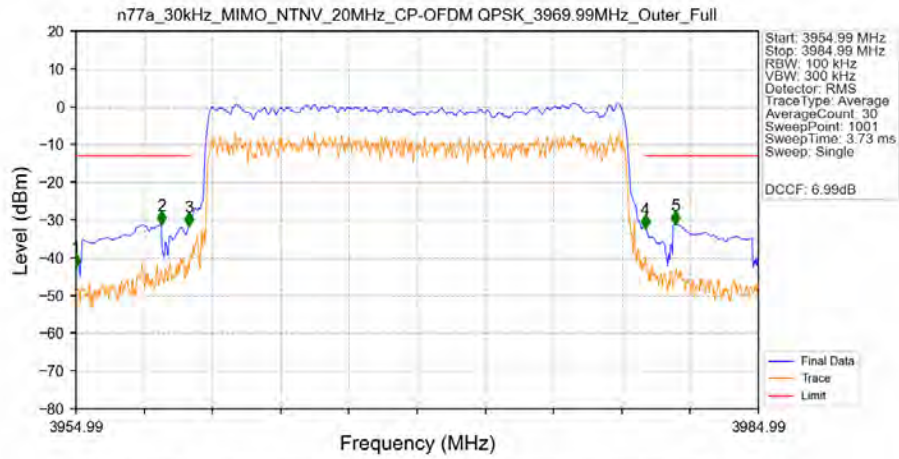
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3954.99	1	/	1	3761.000	-37.35	-13	Pass
3954.99	3984.99	1	/	/	/	/	/	/
3984.99	39800	1	/	2	38915.500	-30.12	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3969.99MHz_Outer_Full_Ant2



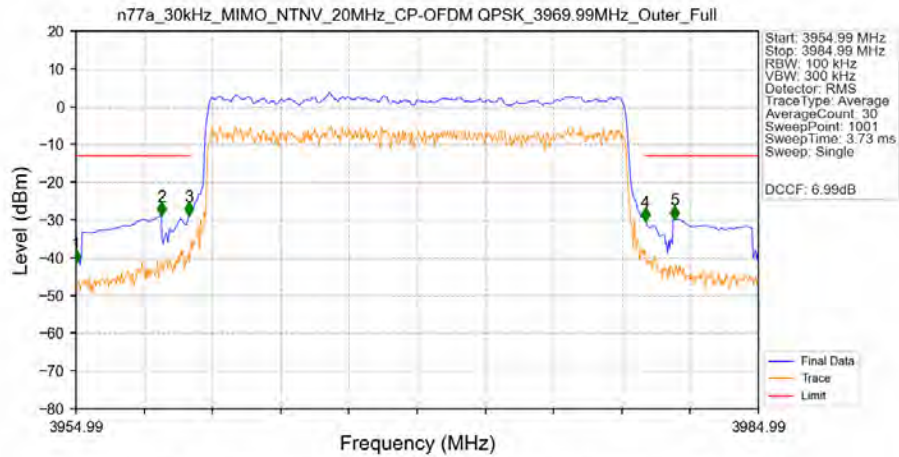
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3954.99	3954.99	0.5	/	1	3954.990	-47.56	-13	Pass
3954.99	3958.99	0.5	CHP	2	3958.740	-32.22	-13	Pass
3958.99	3959.99	0.20276	CHP	3	3959.970	-31.71	-13	Pass
3959.99	3979.99	0.20276	CHP	/	/	/	/	/
3979.99	3980.99	0.20276	CHP	4	3980.430	-34.01	-13	Pass
3980.99	3984.99	0.5	CHP	5	3984.450	-34.43	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3969.99MHz_Outer_Full_Ant0



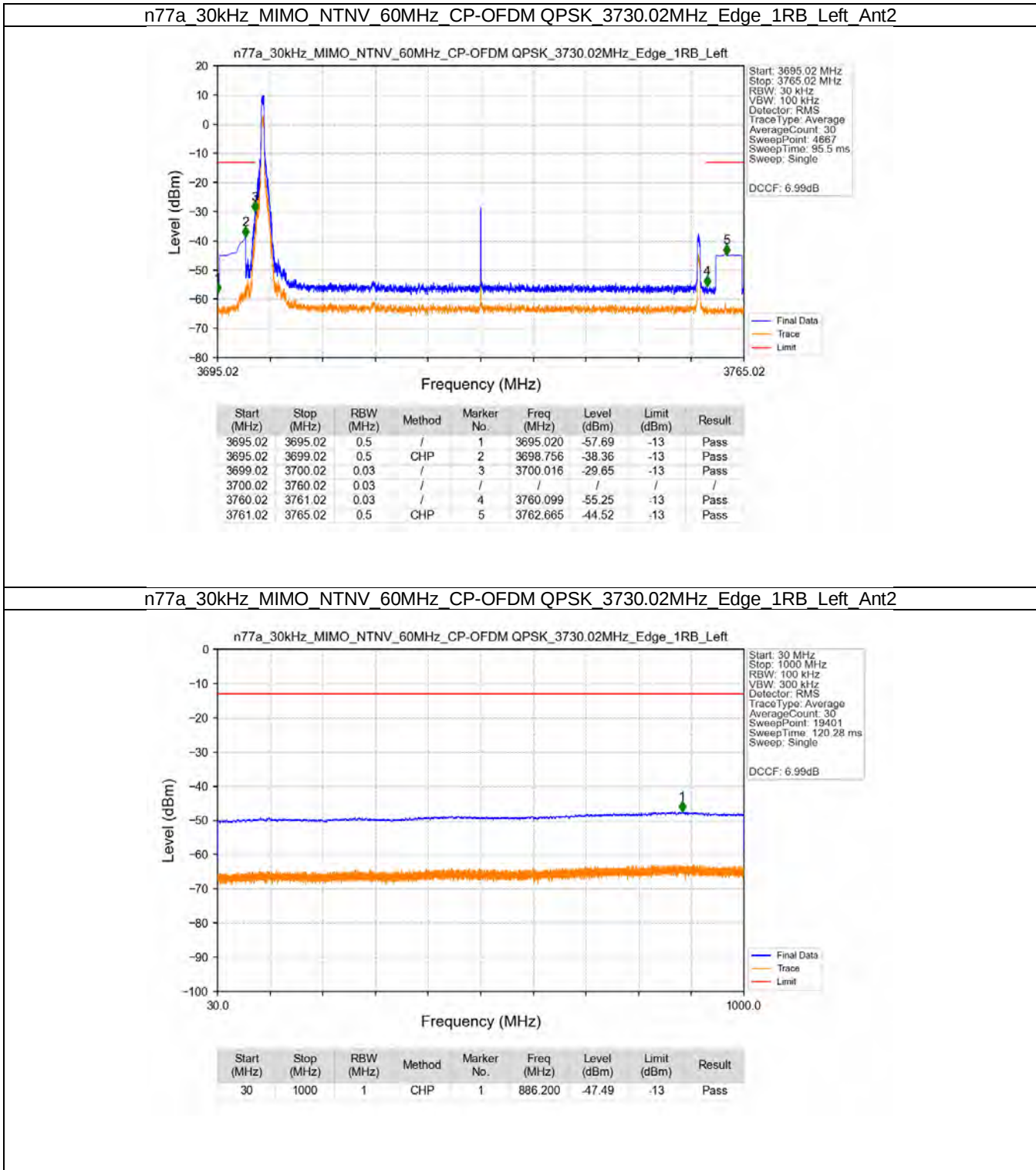
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3954.99	3954.99	0.5	/	1	3954.990	-42.20	-13	Pass
3954.99	3958.99	0.5	CHP	2	3958.740	-30.98	-13	Pass
3958.99	3959.99	0.19777	CHP	3	3959.970	-31.41	-13	Pass
3959.99	3979.99	0.19777	CHP	/	/	/	/	/
3979.99	3980.99	0.19777	CHP	4	3980.010	-32.06	-13	Pass
3980.99	3984.99	0.5	CHP	5	3981.330	-30.94	-13	Pass

n77a_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3969.99MHz_Outer_Full_MIMO

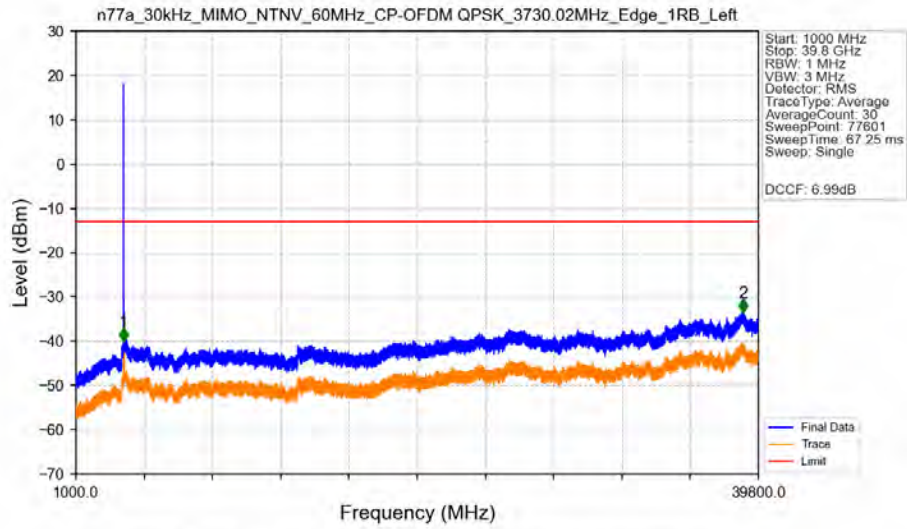


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3954.99	3954.99	0.5	/	1	3954.990	-41.09	-13	Pass
3954.99	3958.99	0.5	CHP	2	3958.740	-28.55	-13	Pass
3958.99	3959.99	0.19777	CHP	3	3959.970	-28.61	-13	Pass
3959.99	3979.99	0.19777	CHP	/	/	/	/	/
3979.99	3980.99	0.19777	CHP	4	3980.010	-30.10	-13	Pass
3980.99	3984.99	0.5	CHP	5	3981.300	-29.58	-13	Pass

5.2.5 30k_MIMO_60MHz_NTNV

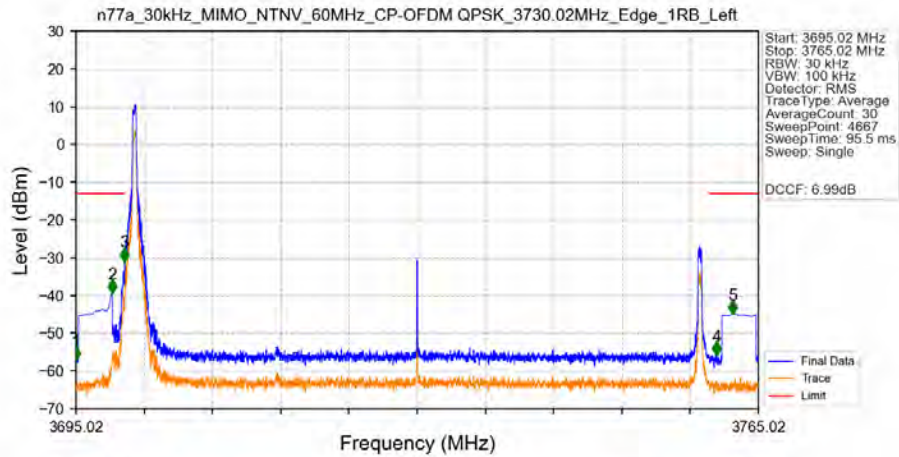


n77a_30kHz_MIMO_NTNV_60MHz_CP-OFDM_QPSK_3730.02MHz_Edge_1RB_Left_Ant2



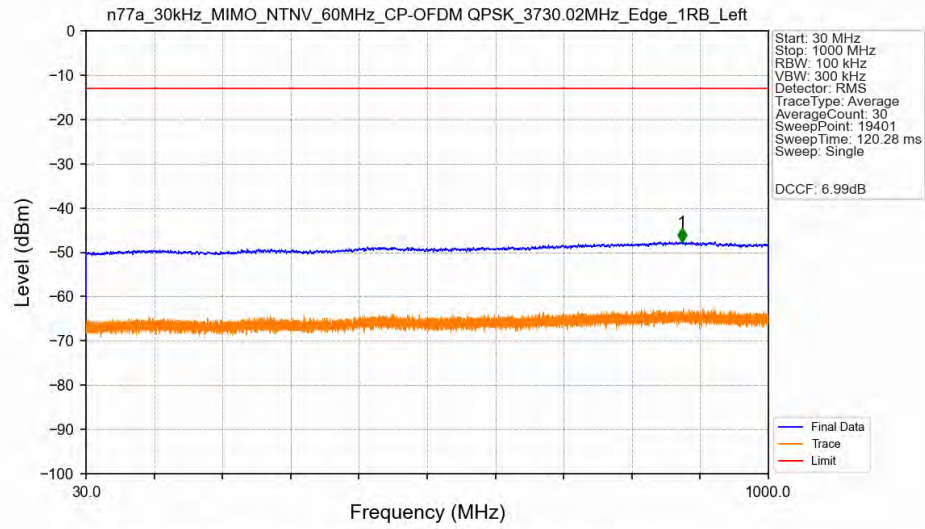
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.02	1	/	1	3685.500	-40.02	-13	Pass
3695.02	3765.02	1	/	/	/	/	/	/
3765.02	39800	1	/	2	38951.000	-33.45	-13	Pass

n77a_30kHz_MIMO_NTNV_60MHz_CP-OFDM_QPSK_3730.02MHz_Edge_1RB_Left_Ant0



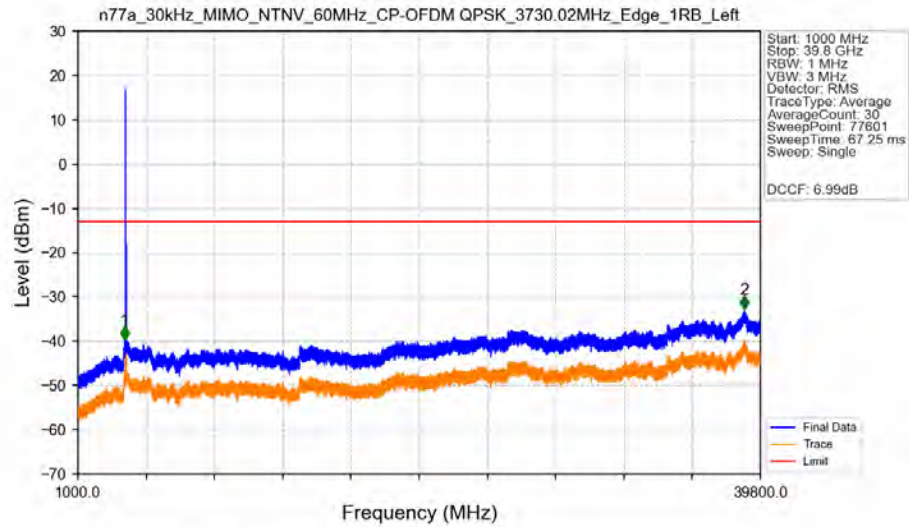
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.02	3695.02	0.5	/	1	3695.020	-56.80	-13	Pass
3695.02	3699.02	0.5	CHP	2	3698.756	-39.08	-13	Pass
3699.02	3700.02	0.03	/	3	3700.016	-30.67	-13	Pass
3700.02	3760.02	0.03	/	/	/	/	/	/
3760.02	3761.02	0.03	/	4	3760.729	-55.52	-13	Pass
3761.02	3765.02	0.5	CHP	5	3762.395	-44.72	-13	Pass

n77a_30kHz_MIMO_NTNV_60MHz_CP-OFDM_QPSK_3730.02MHz_Edge_1RB_Left_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	877.100	-47.62	-13	Pass

n77a_30kHz_MIMO_NTNV_60MHz_CP-OFDM_QPSK_3730.02MHz_Edge_1RB_Left_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.02	1	/	1	3643.000	-39.63	-13	Pass
3695.02	3765.02	1	/	/	/	/	/	/
3765.02	39800	1	/	2	38896.500	-32.72	-13	Pass