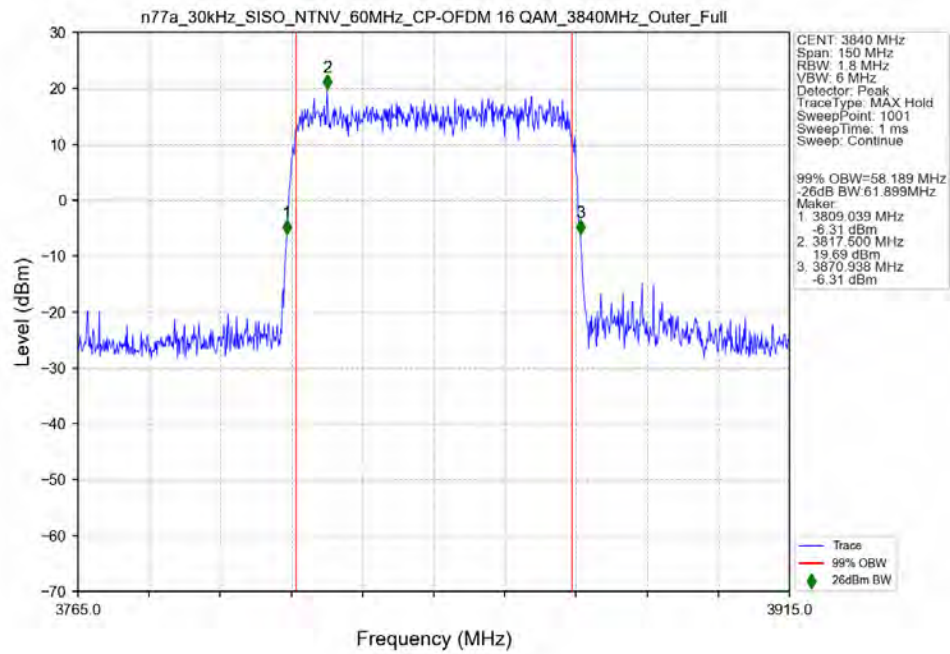
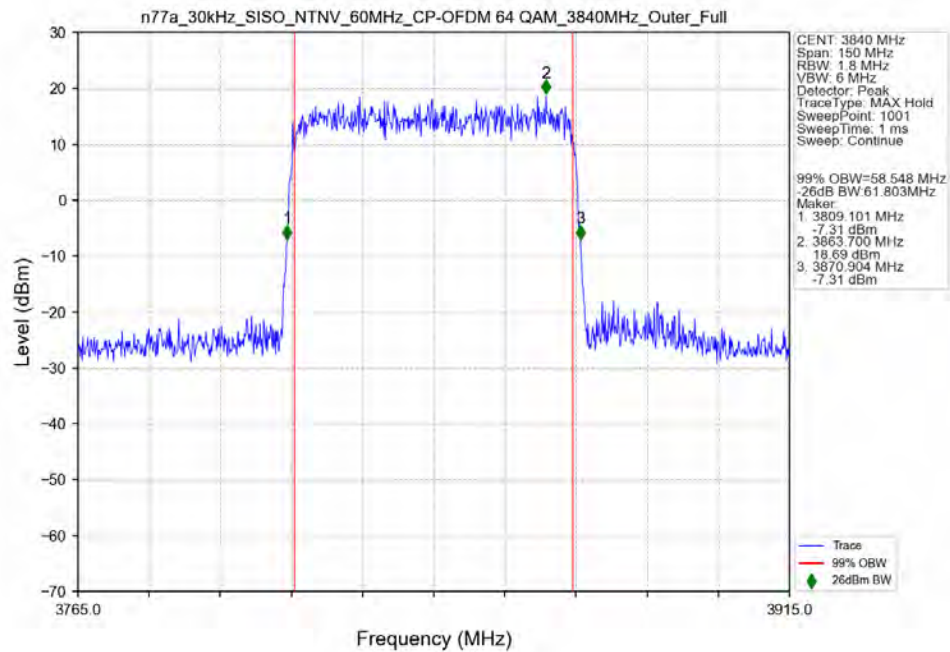


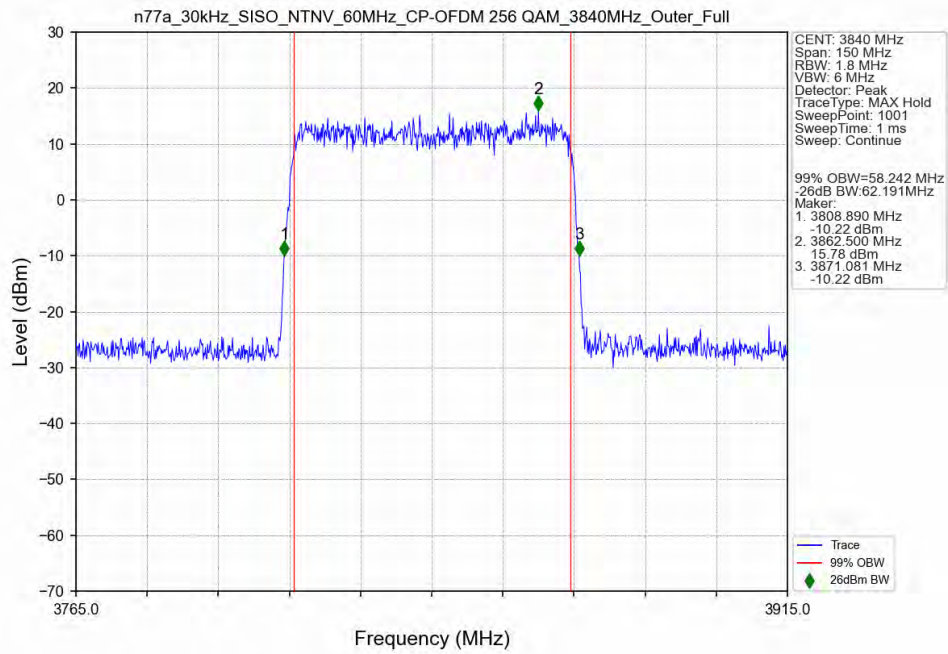
n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant0



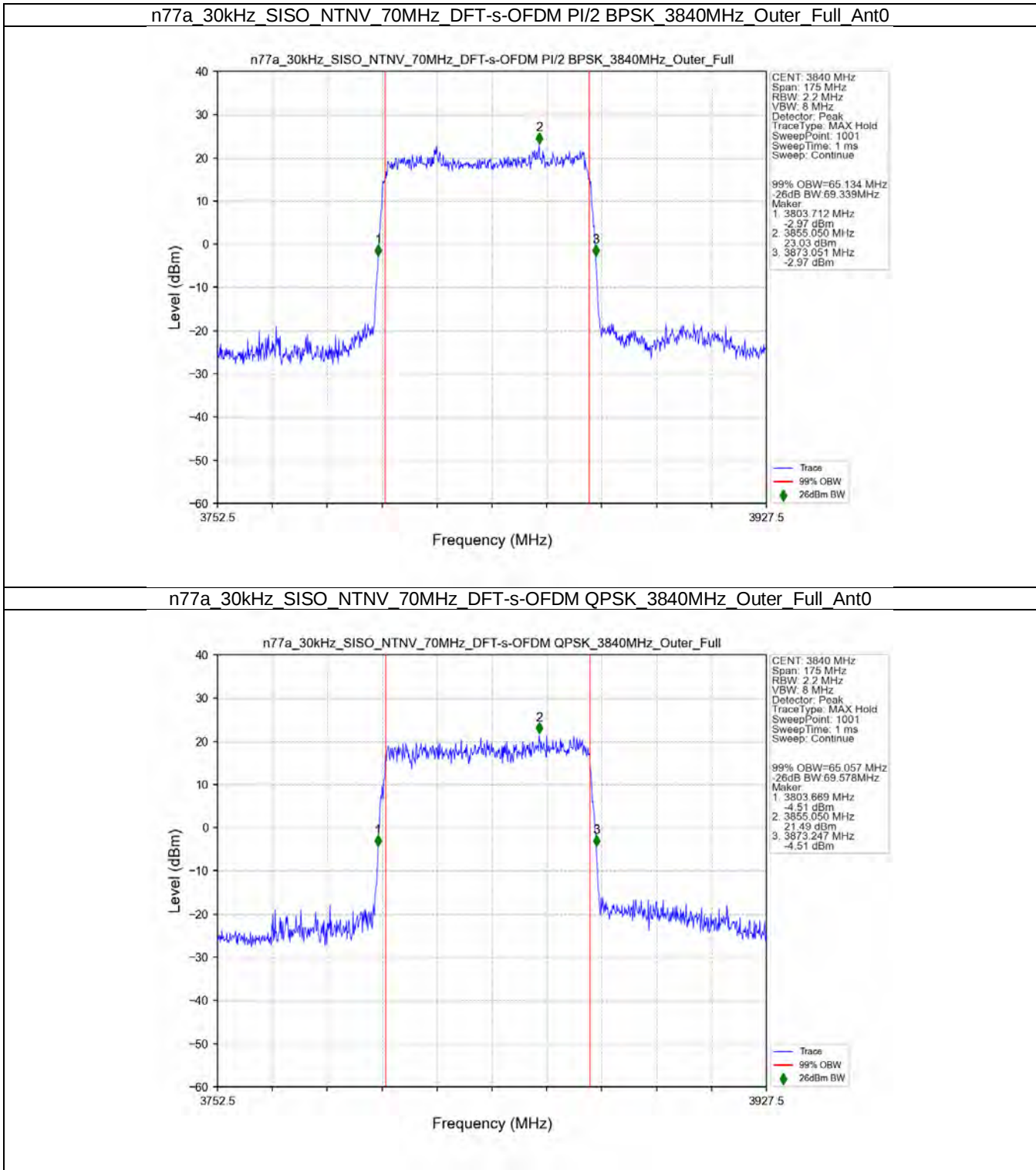
n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full_Ant0



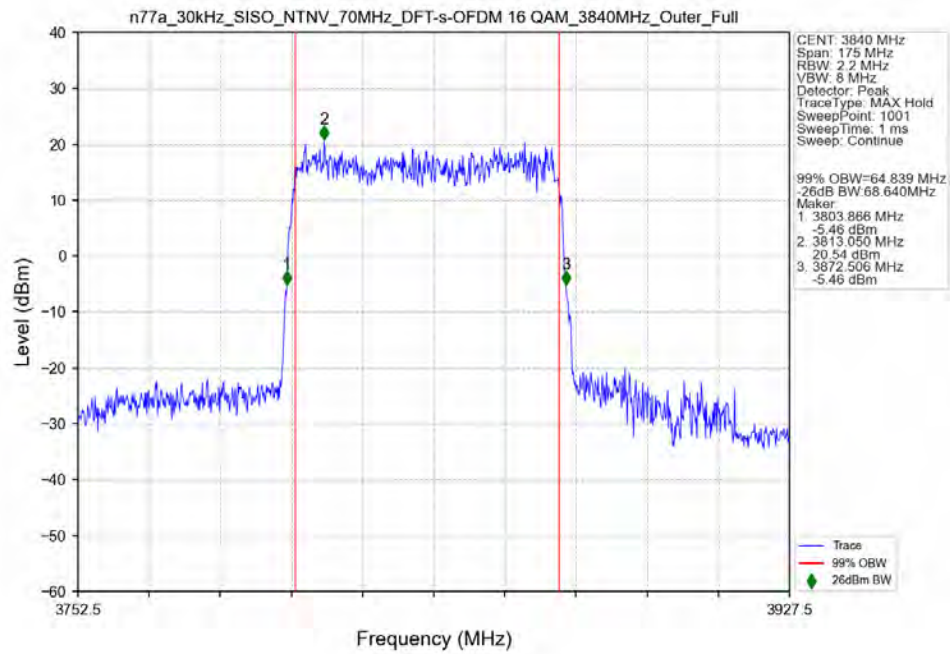
n77a 30kHz SISO NTN 60MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant0



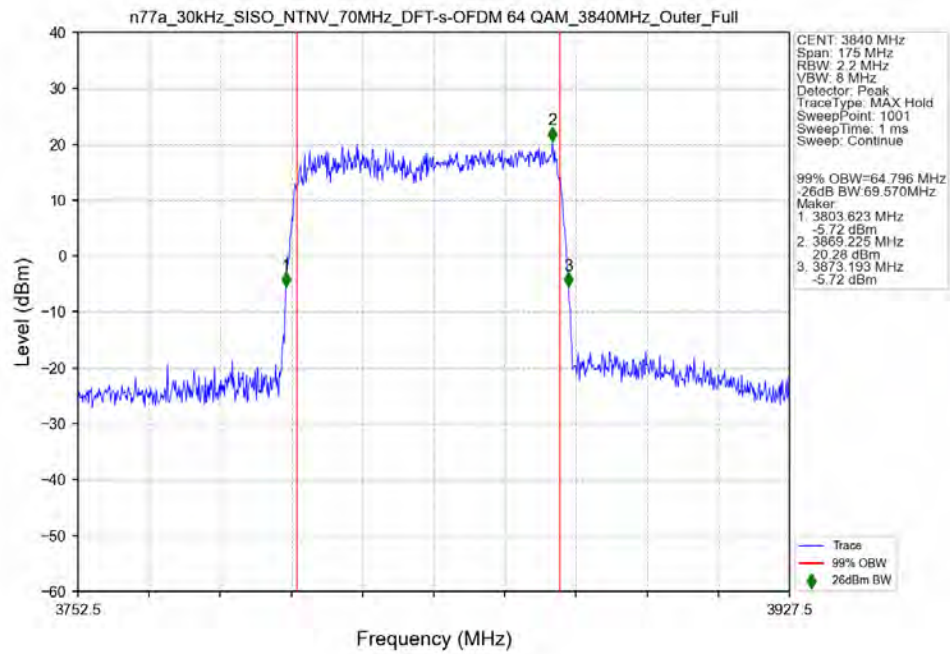
3.2.9 30k_SISO_70MHz_NTNV



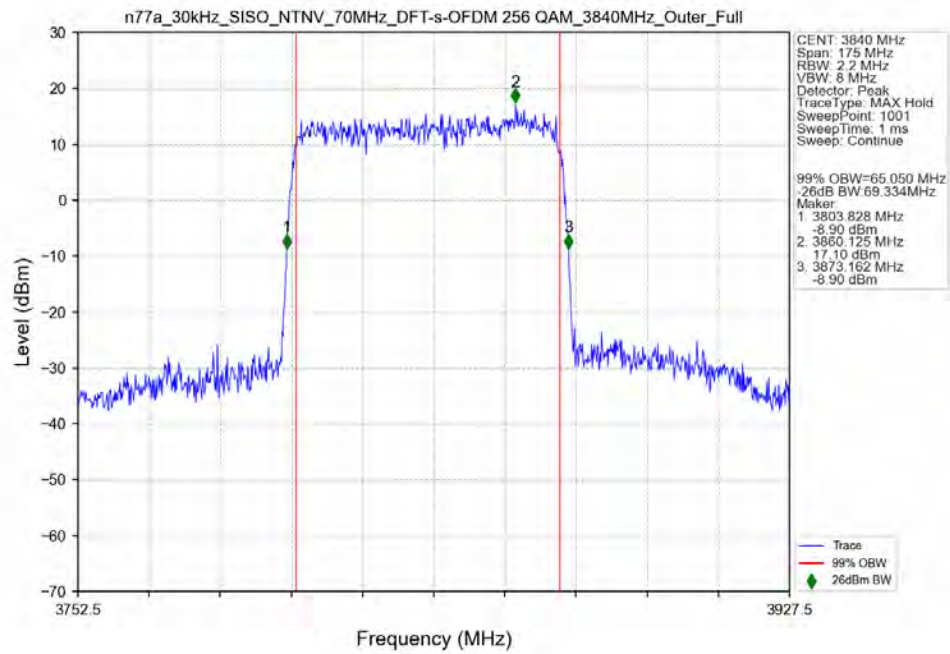
n77a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant0



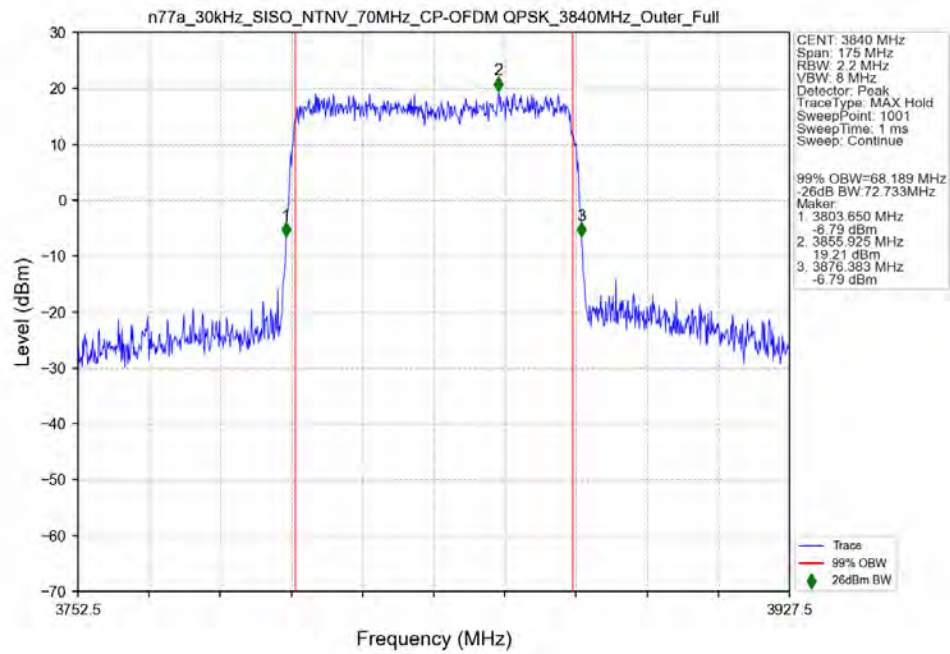
n77a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant0



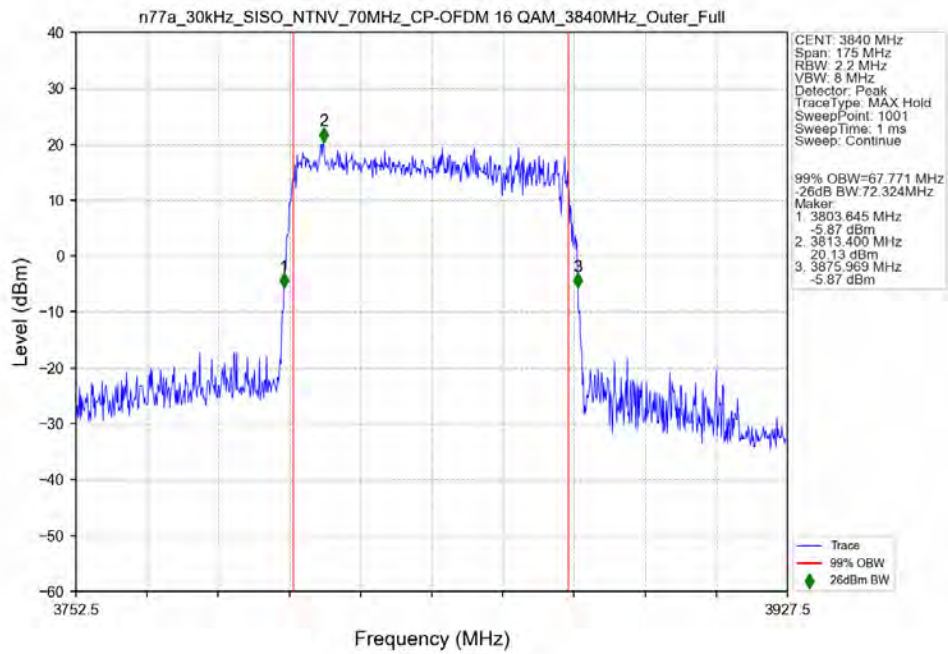
n77a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant0



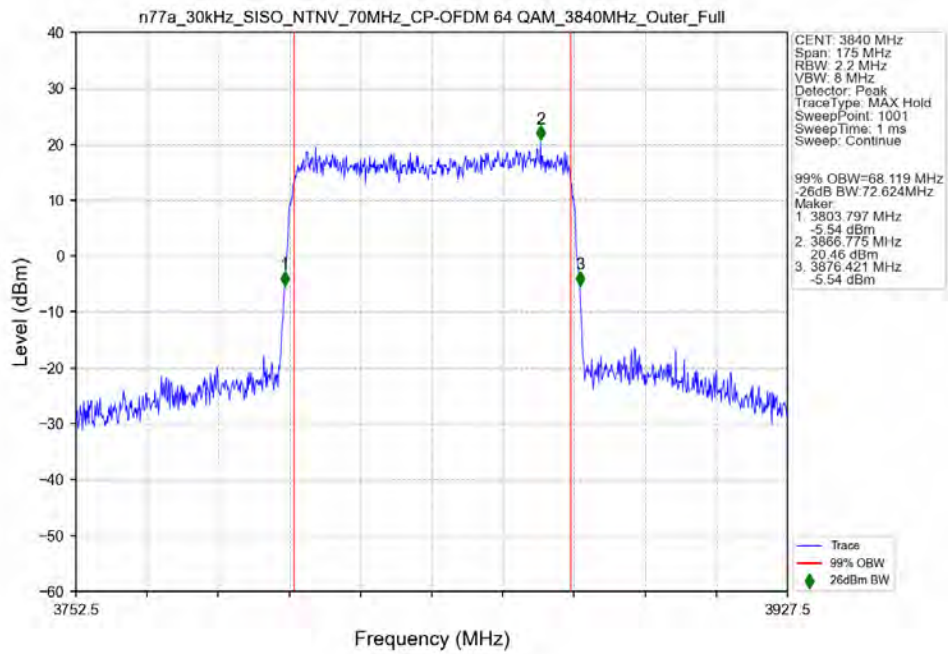
n77a_30kHz_SISO_NTNV_70MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant0



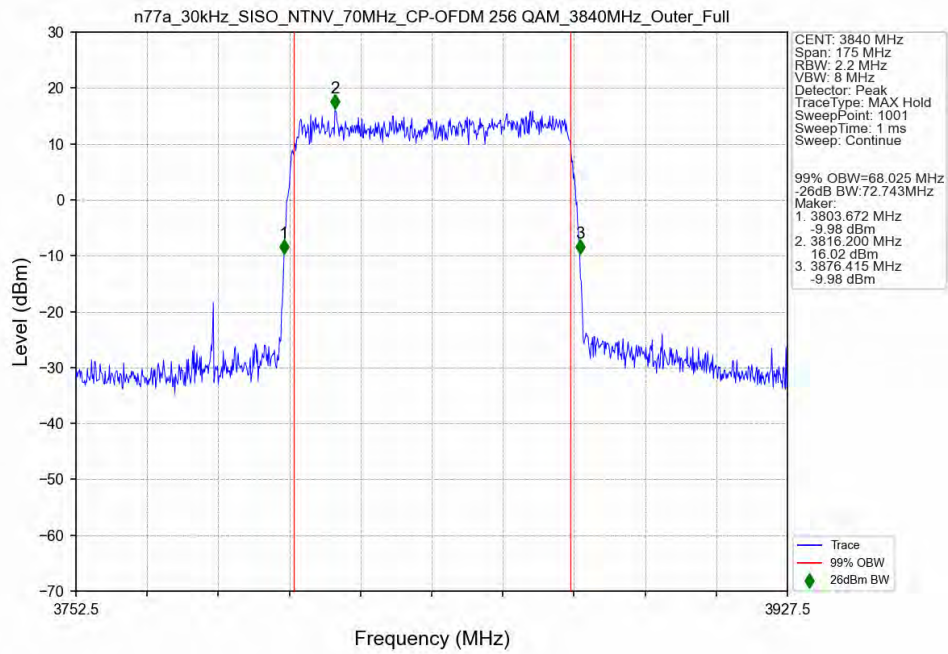
n77a_30kHz_SISO_NTNV_70MHz_CP-OFDM 16 QAM 3840MHz Outer Full Ant0



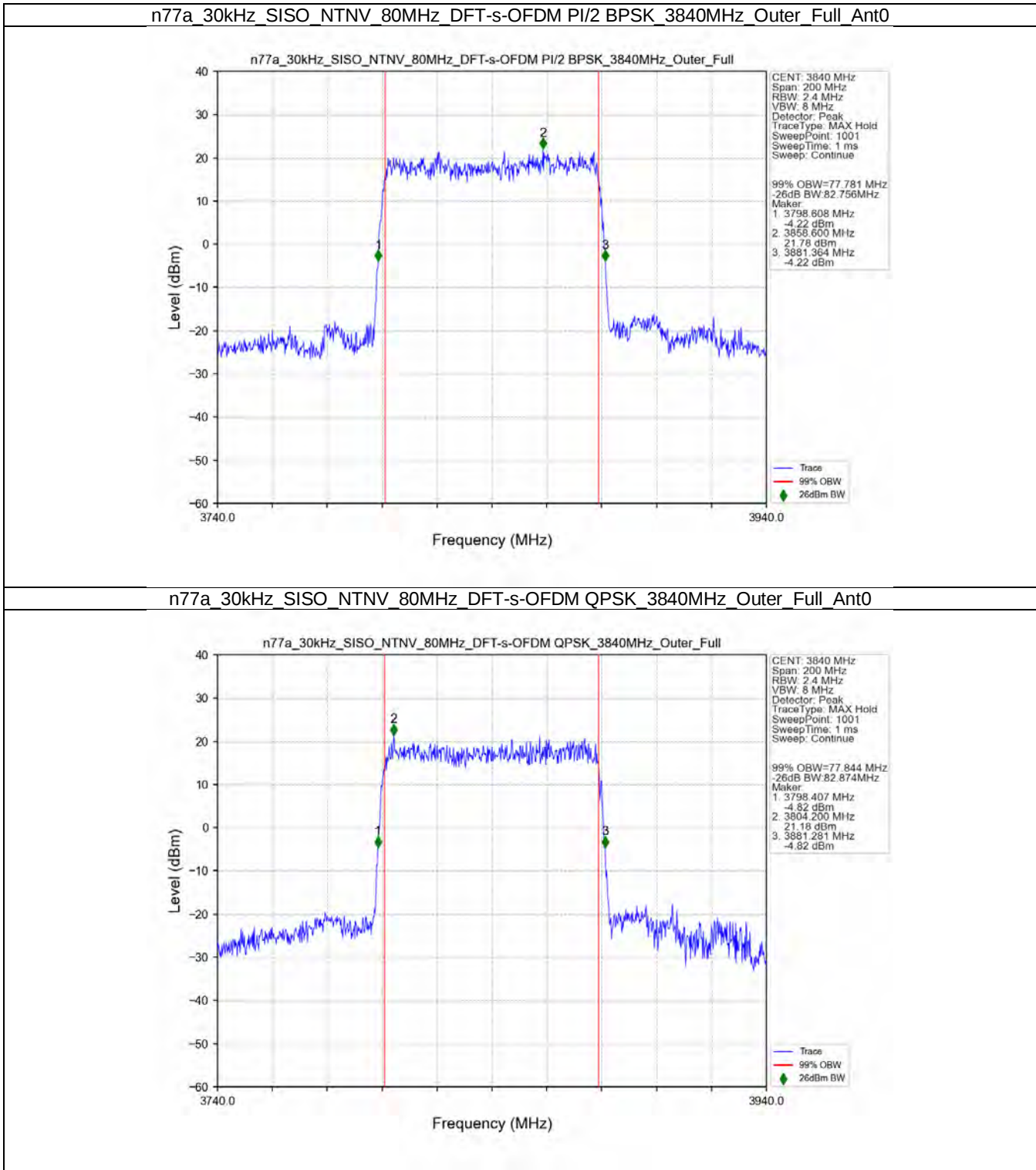
n77a_30kHz_SISO_NTNV_70MHz_CP-OFDM 64 QAM 3840MHz Outer Full Ant0



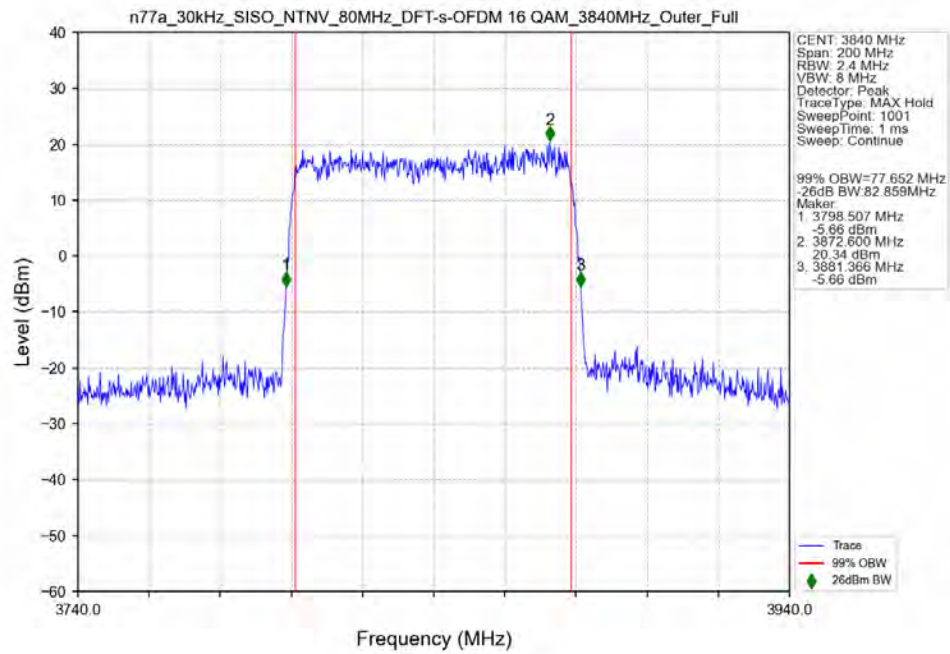
n77a_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant0



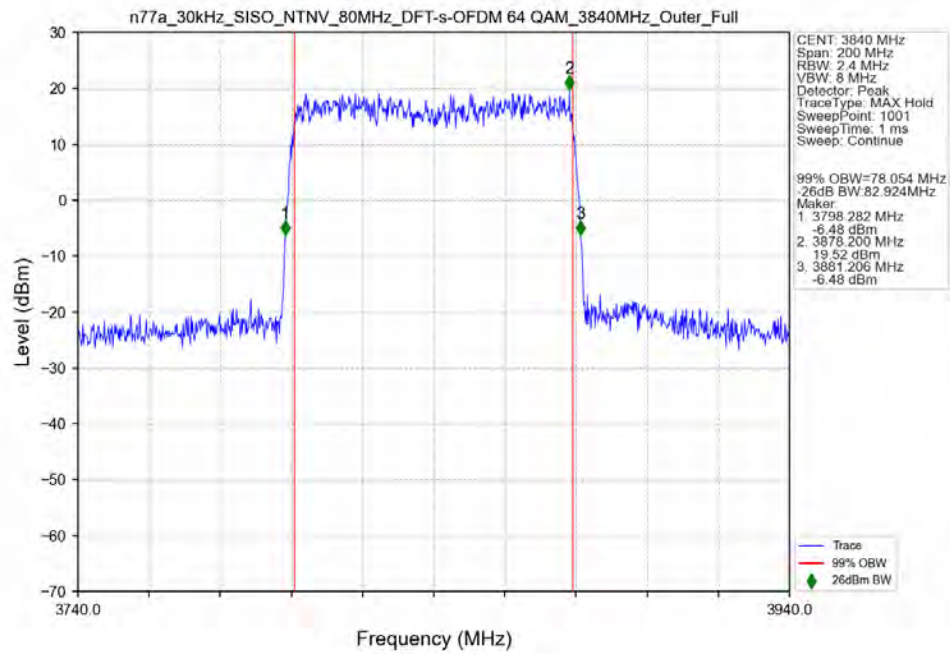
3.2.10 30k_SISO_80MHz_NTNV



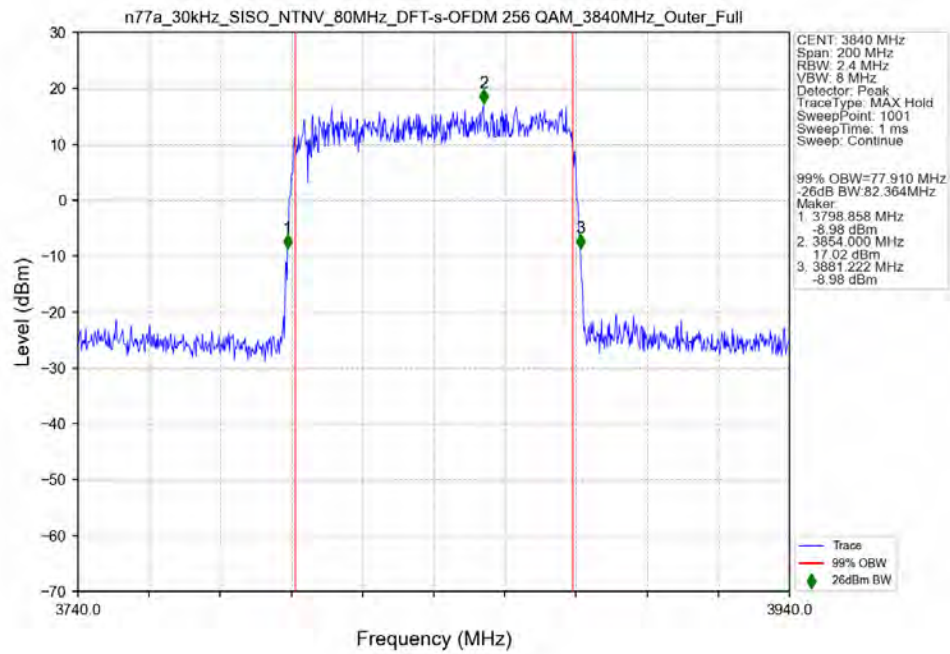
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant0



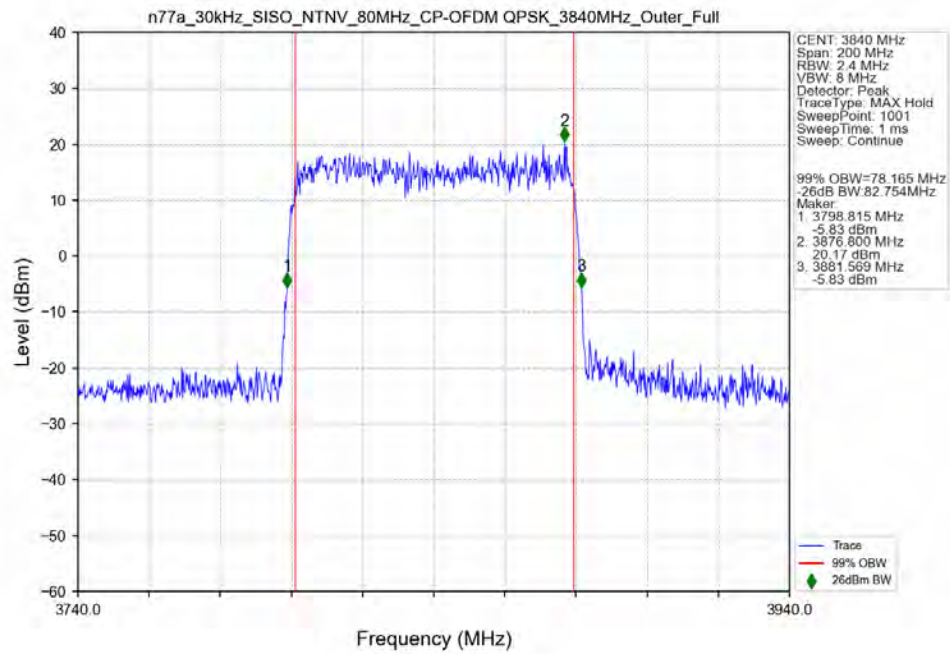
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant0



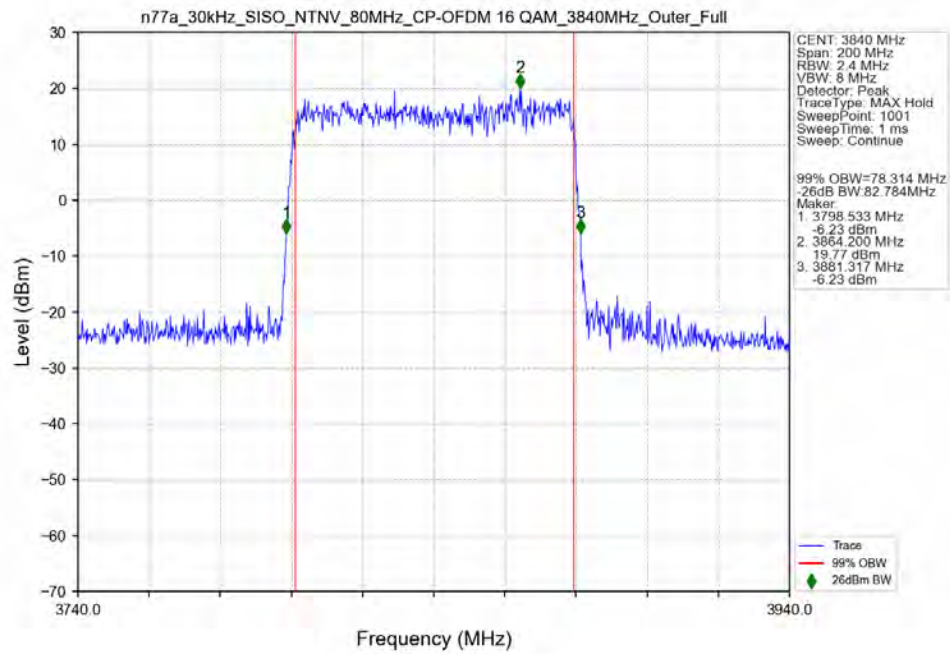
n77a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant0



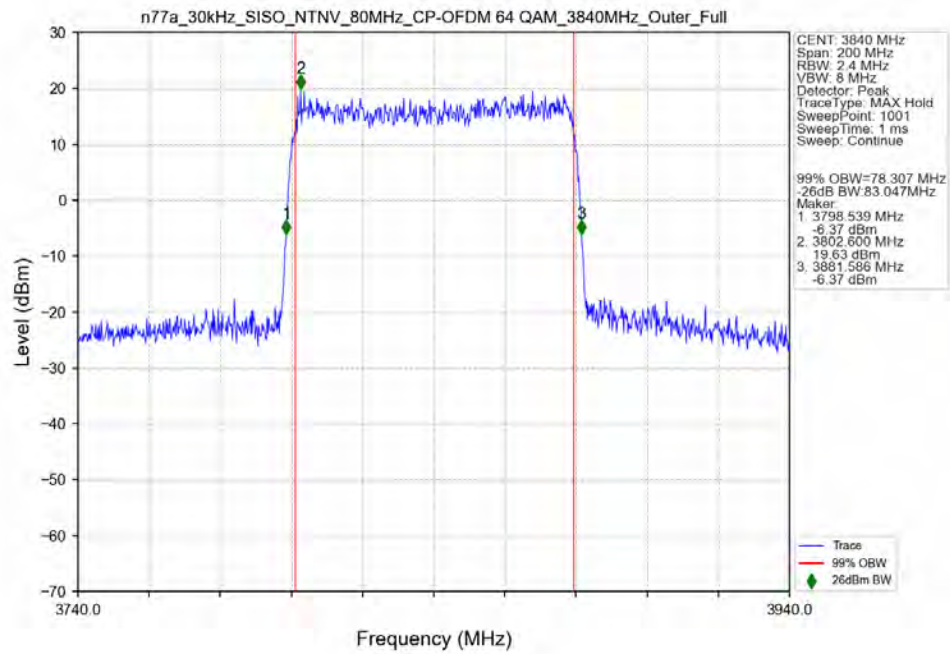
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant0



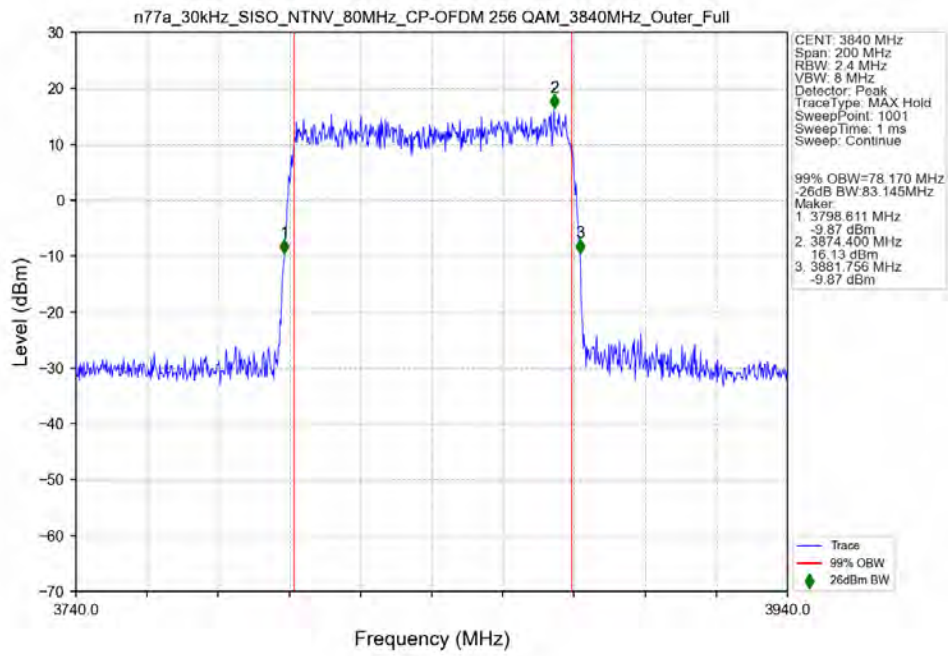
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant0



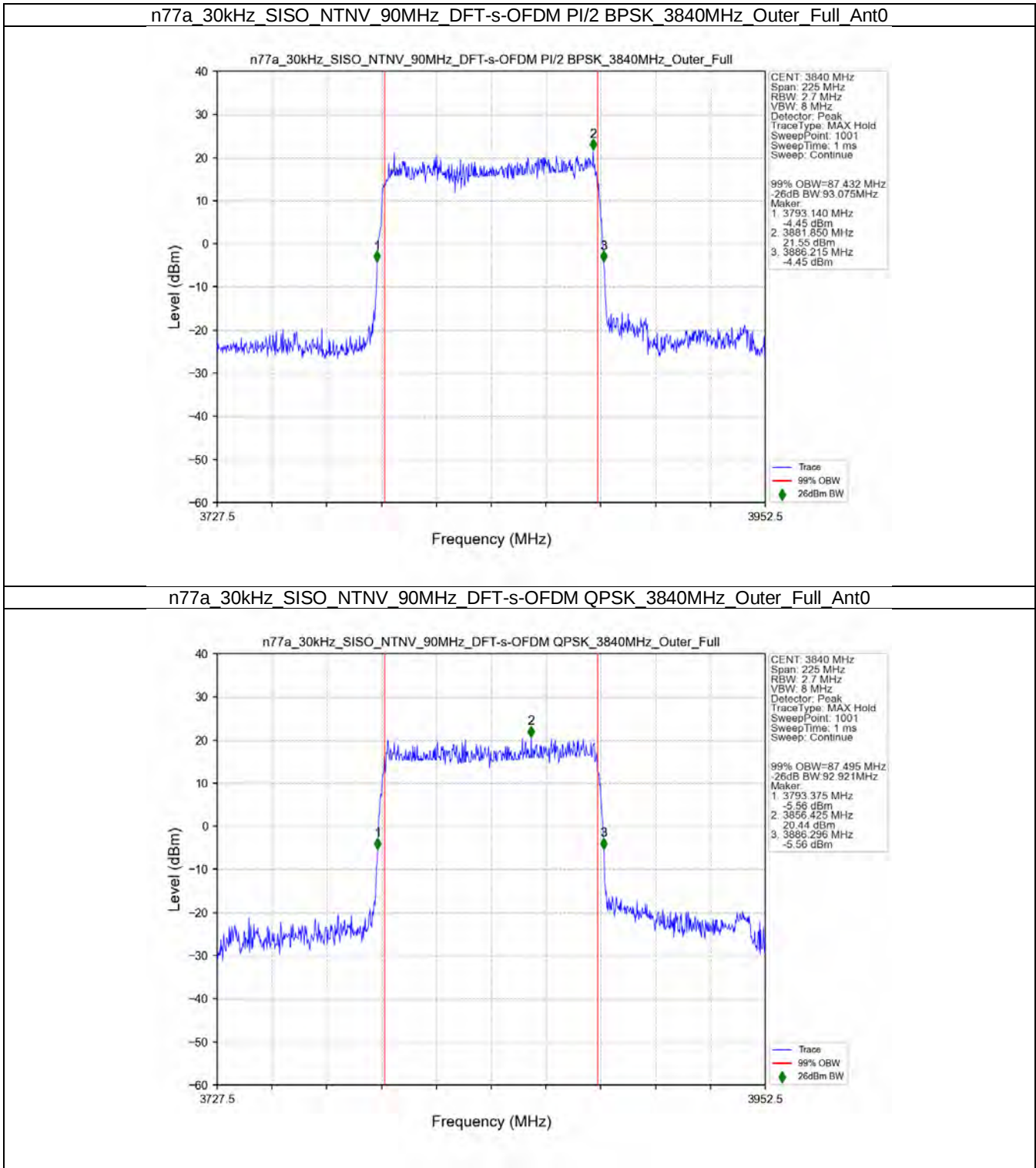
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full_Ant0



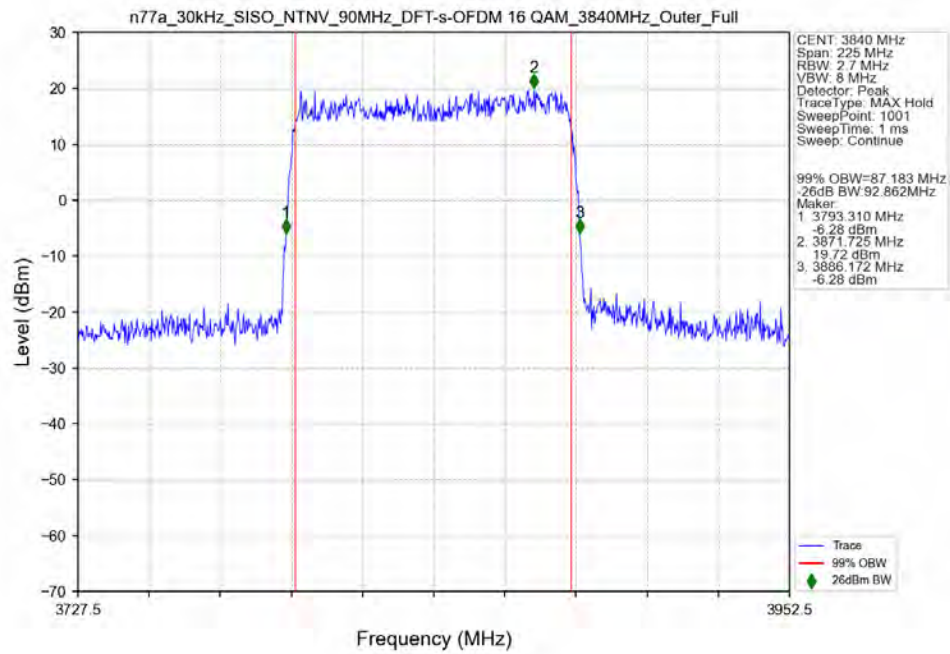
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant0



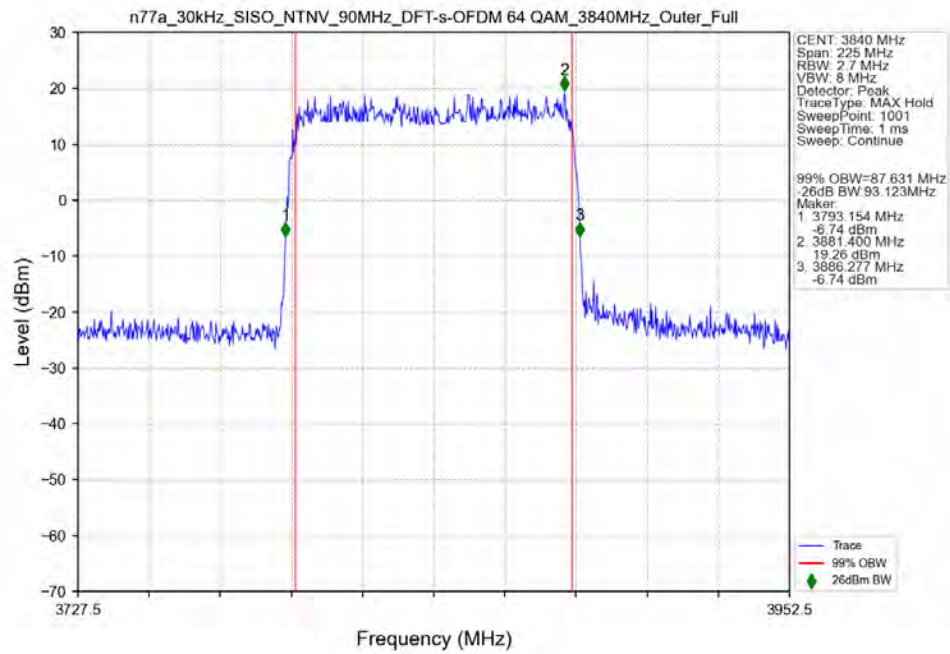
3.2.11 30k_SISO_90MHz_NTNV



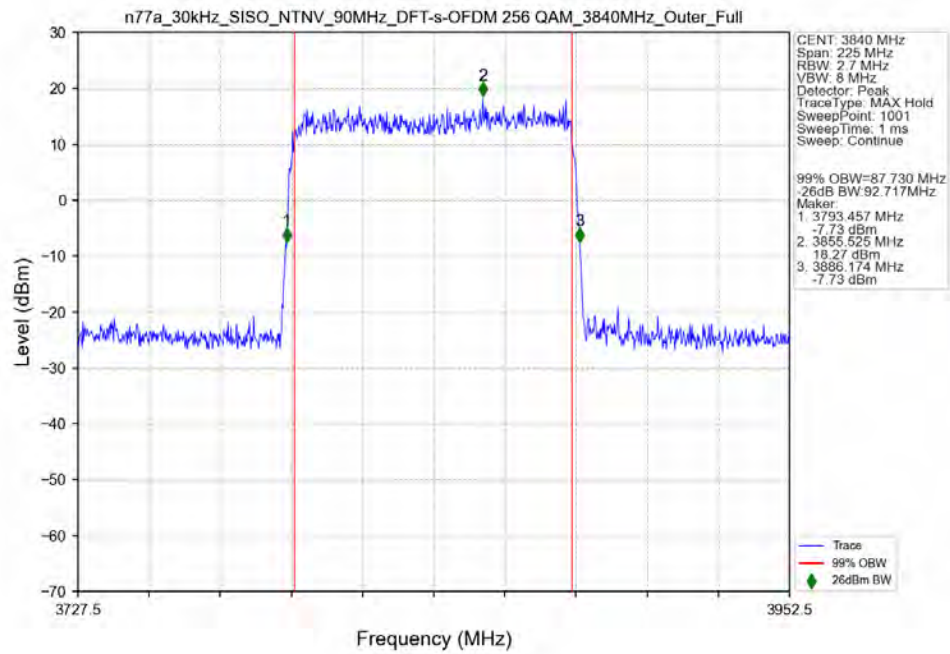
n77a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant0



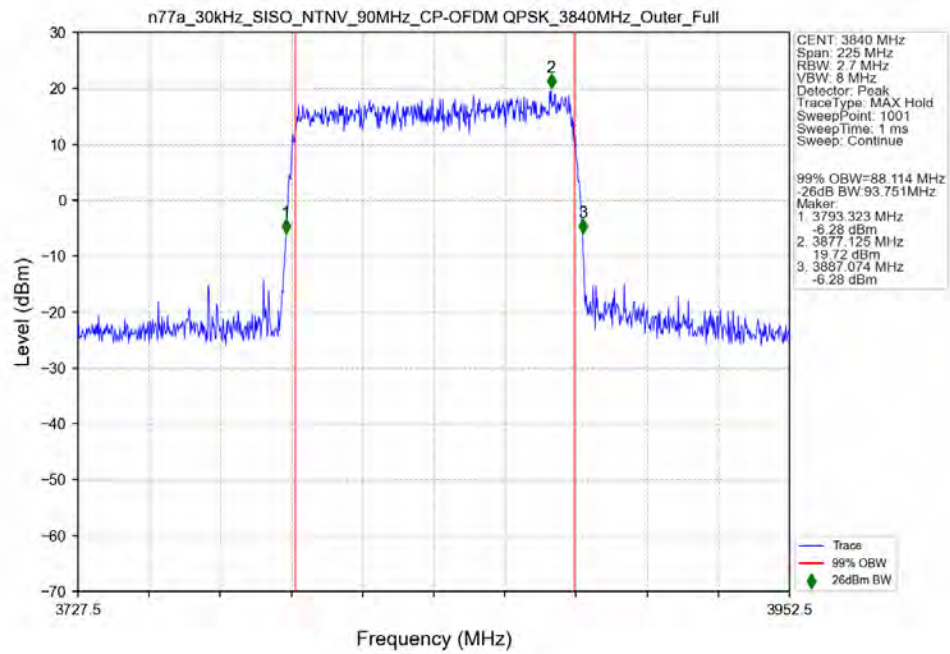
n77a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant0



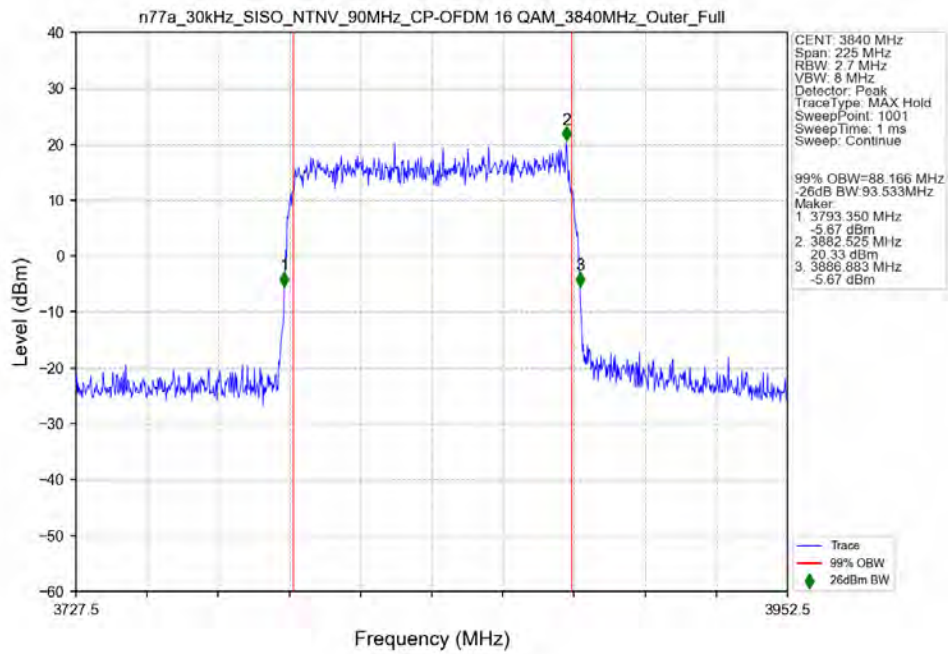
n77a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant0



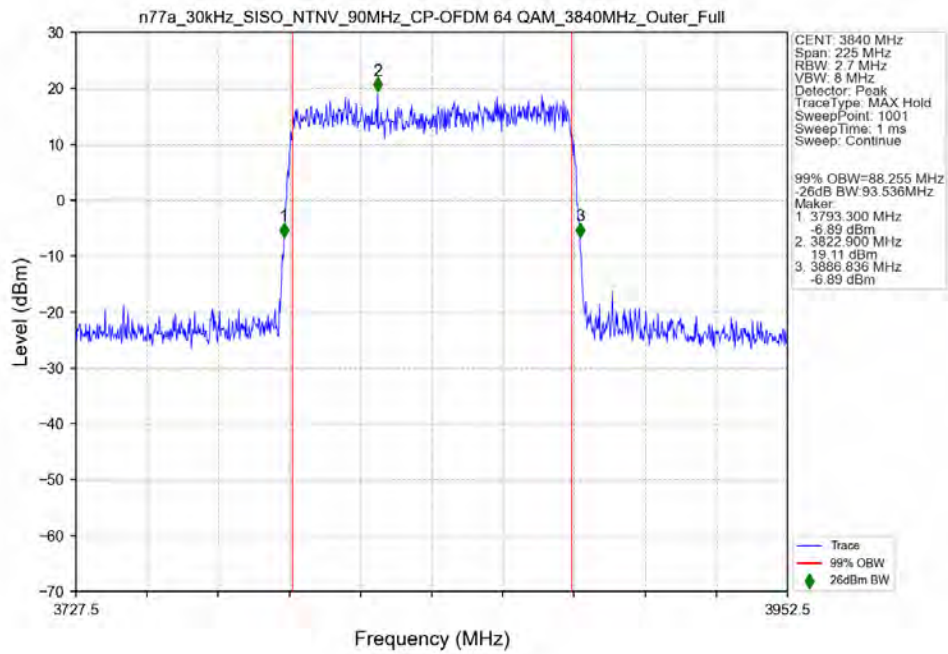
n77a_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant0



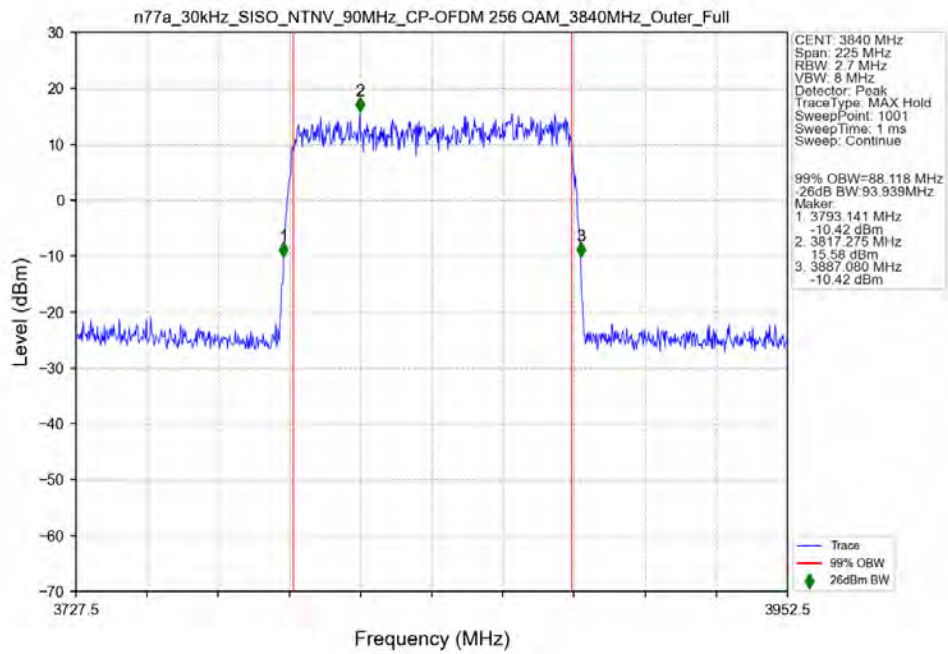
n77a_30kHz_SISO_NTNV_90MHz_CP-OFDM 16 QAM 3840MHz Outer Full Ant0



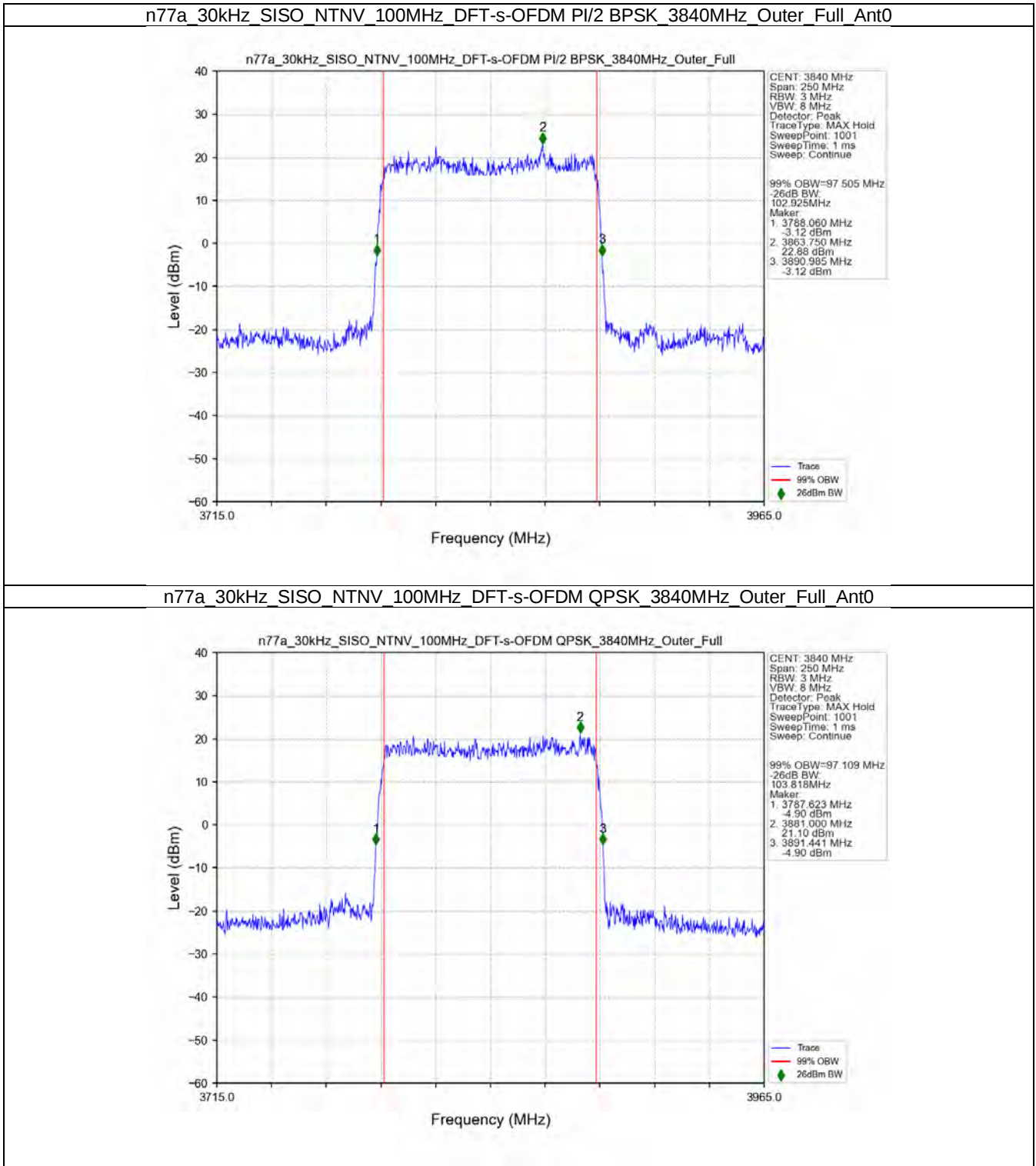
n77a_30kHz_SISO_NTNV_90MHz_CP-OFDM 64 QAM 3840MHz Outer Full Ant0



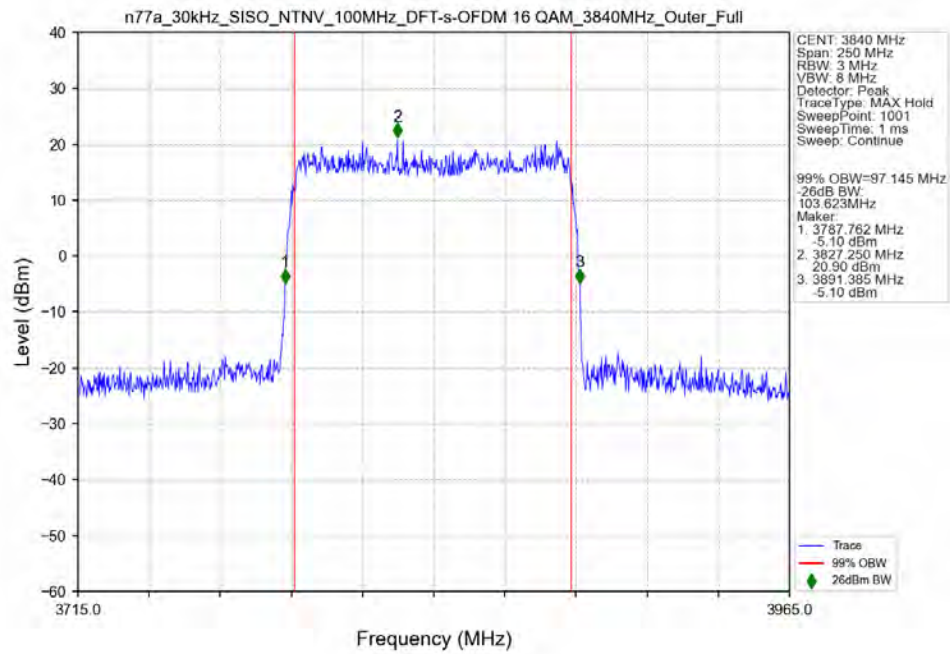
n77a 30kHz SISO NTN 90MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant0



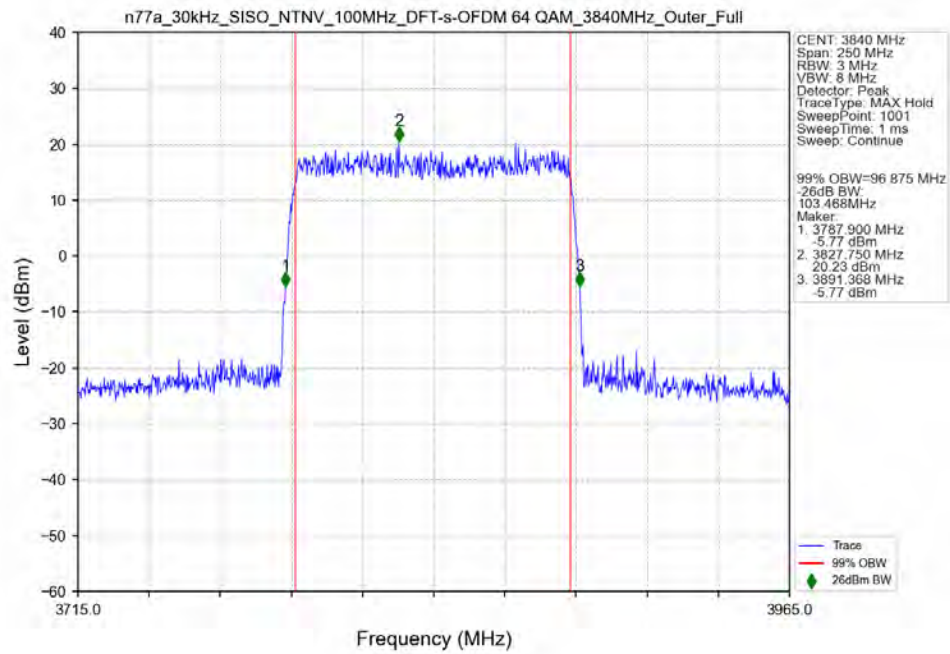
3.2.12 30k_SISO_100MHz_NTNV



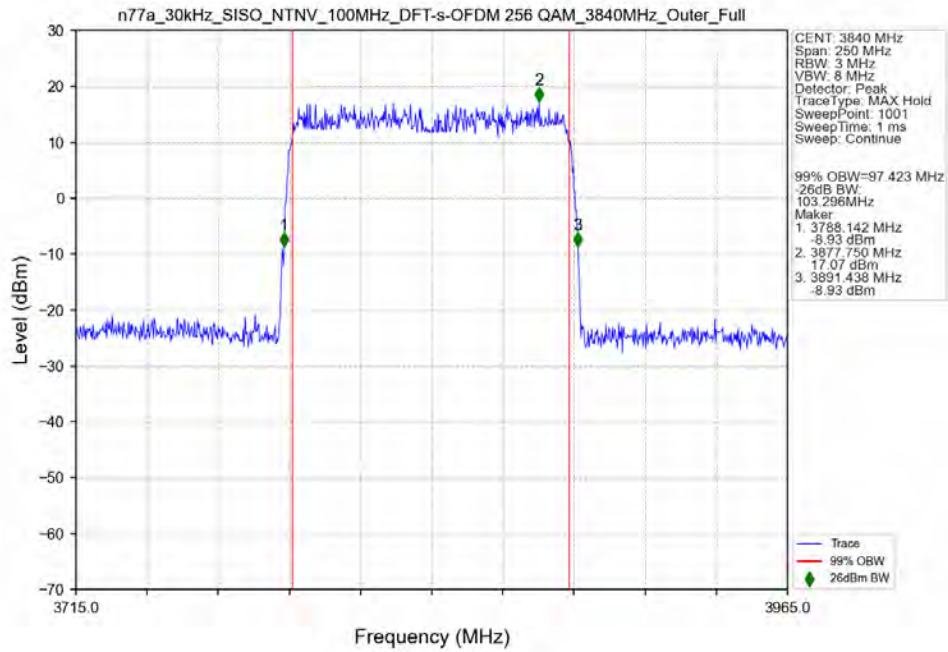
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant0



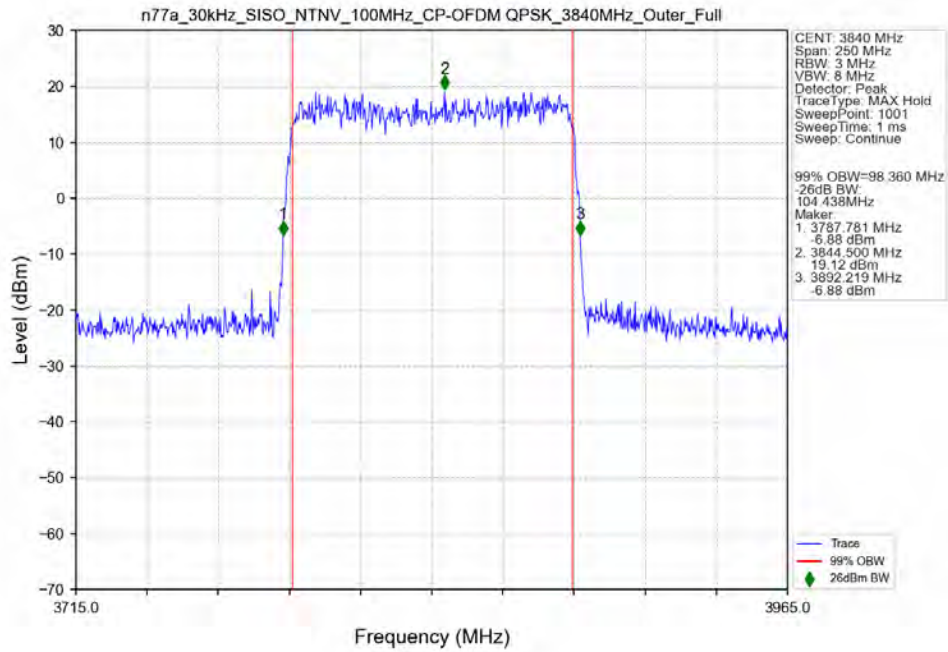
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant0



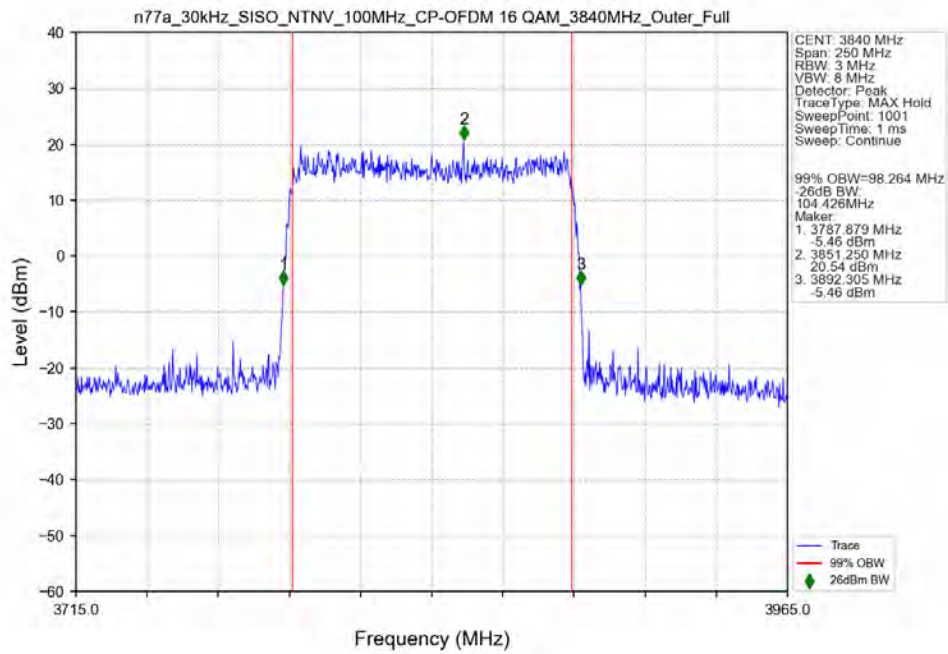
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant0



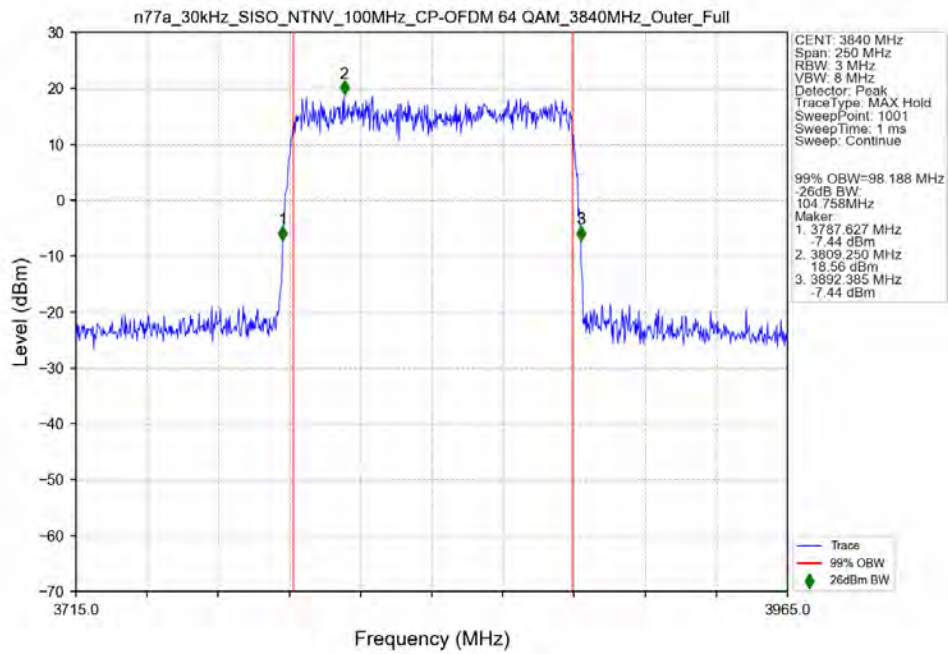
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant0



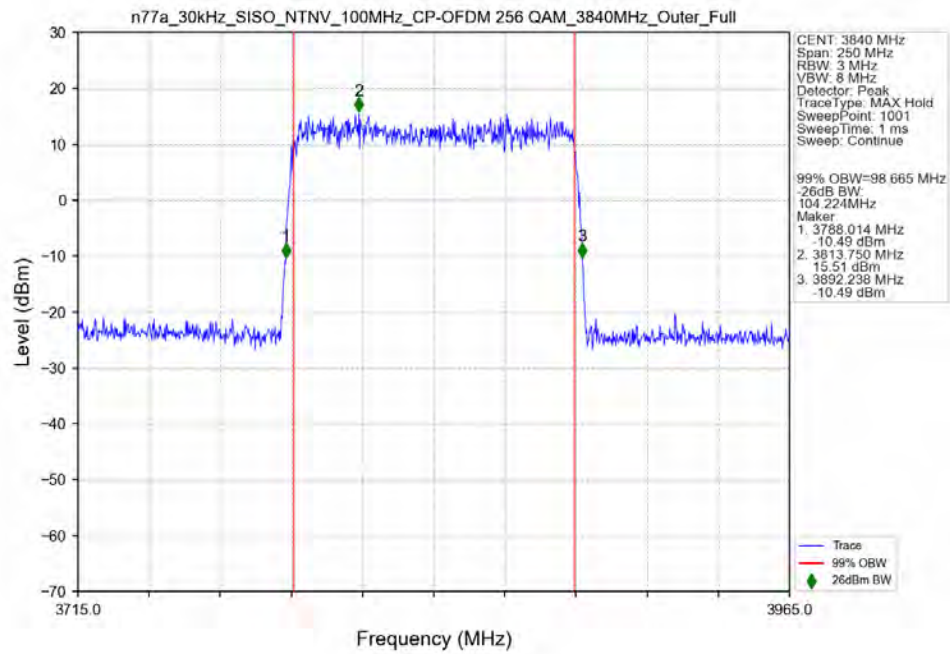
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM 3840MHz Outer Full Ant0



n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM 3840MHz Outer Full Ant0



n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant0



4. Peak-Average Ratio

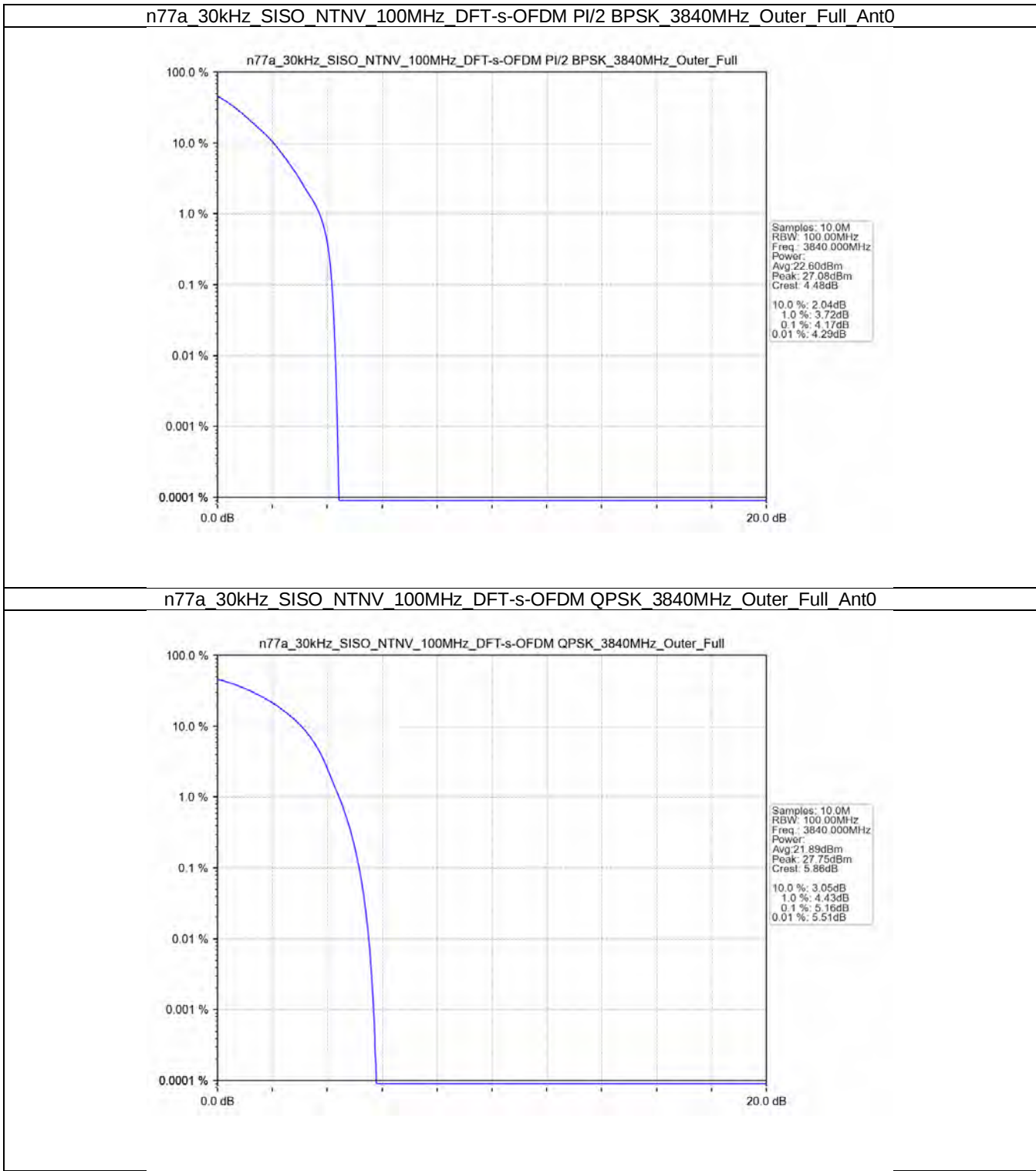
4.1 Test Result

4.1.1 30k_SISO_100MHz_NTNV

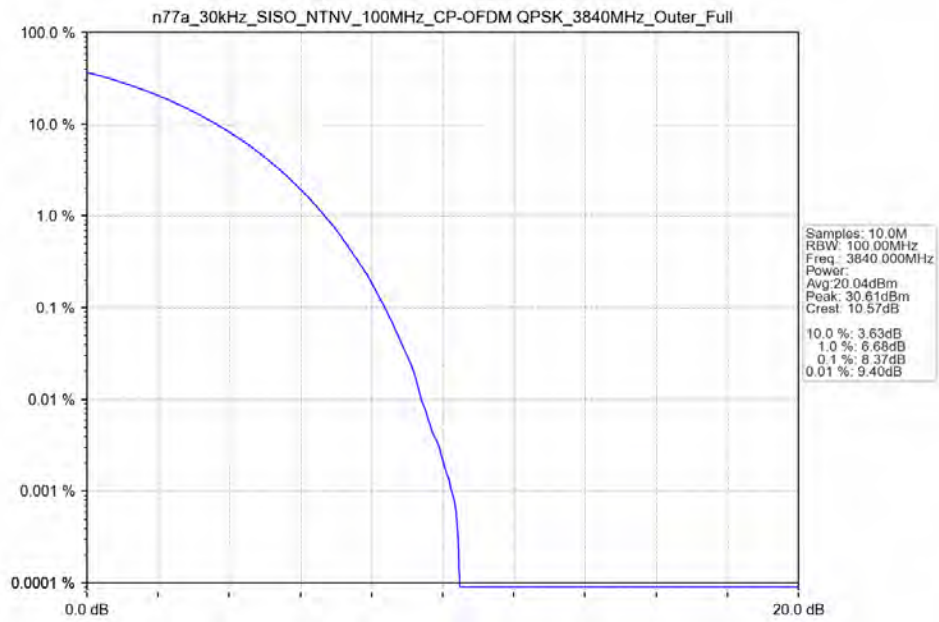
5G NR n77a SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	4.17	/	/	<=13	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	5.16	/	/	<=13	Pass
CP-OFDM QPSK	3840	Outer_Full	8.37	/	/	<=13	Pass

4.2 Test Graph

4.2.1 30k_SISO_100MHz_NTNV



n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant0



5. Spurious Emission

5.1 Test Result

5.1.1 30k_SISO_10MHz_NTNV

5G NR n77a SCS=30kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3705	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	3705	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	3705	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_50MHz_NTNV

5G NR n77a SCS=30kHz SISO 50MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant0	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	3725.01	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
	3840	Edge_1RB_Left	Refer To Test Graph				Pass	
		3954.99	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3725.01	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
	3840	Edge_1RB_Left	Refer To Test Graph				Pass	
		3954.99	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3725.01	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
	3840	Edge_1RB_Left	Refer To Test Graph				Pass	
		3954.99	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass

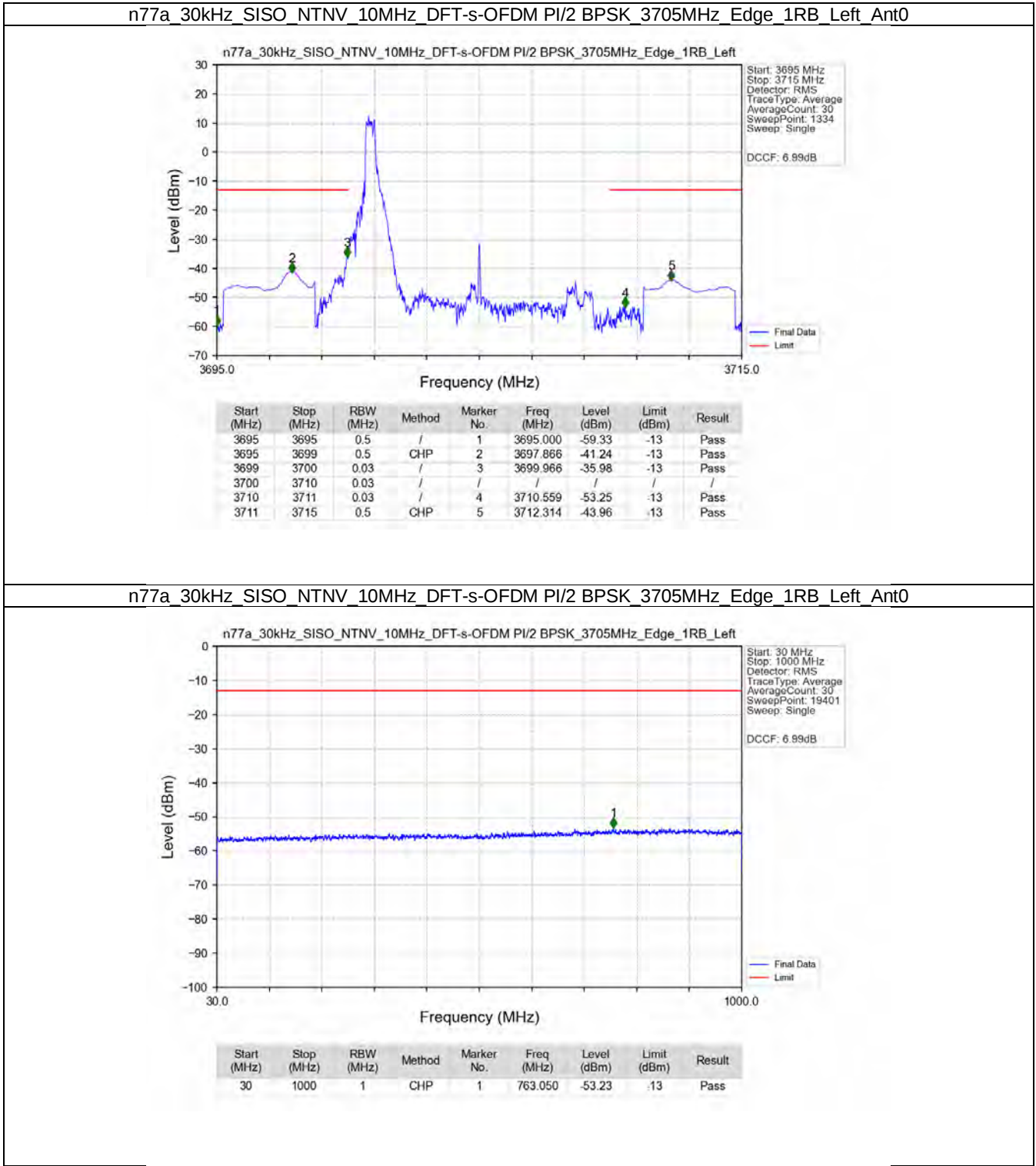
5.1.3 30k_SISO_100MHz_NTNV

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

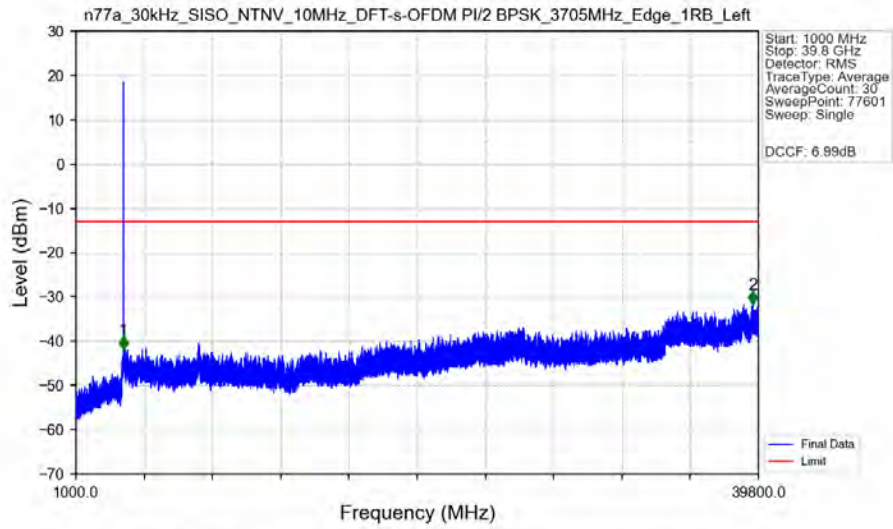
		Outer_Full	Refer To Test Graph	Pass
	3840	Edge_1RB_Left	Refer To Test Graph	Pass
	3930	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
DFT-s-OFDM QPSK	3750	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	3840	Edge_1RB_Left	Refer To Test Graph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

5.2 Test Graph

5.2.1 30k_SISO_10MHz_NTNV

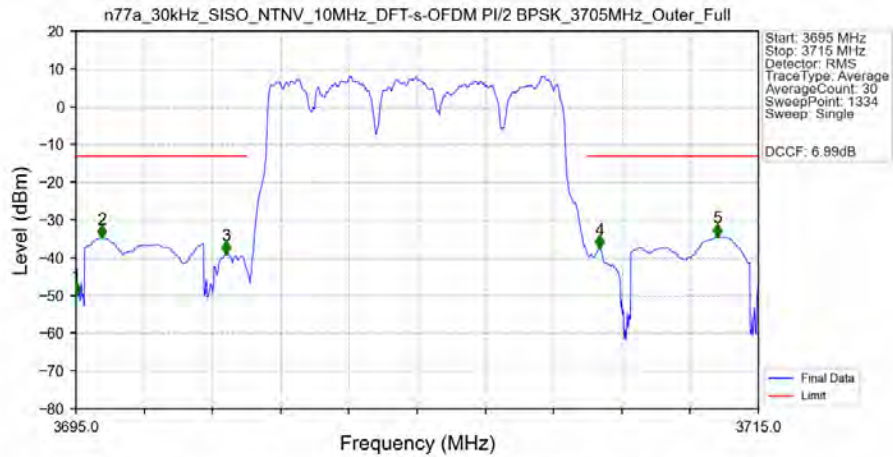


n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3705MHz_Edge_1RB_Left_Ant0



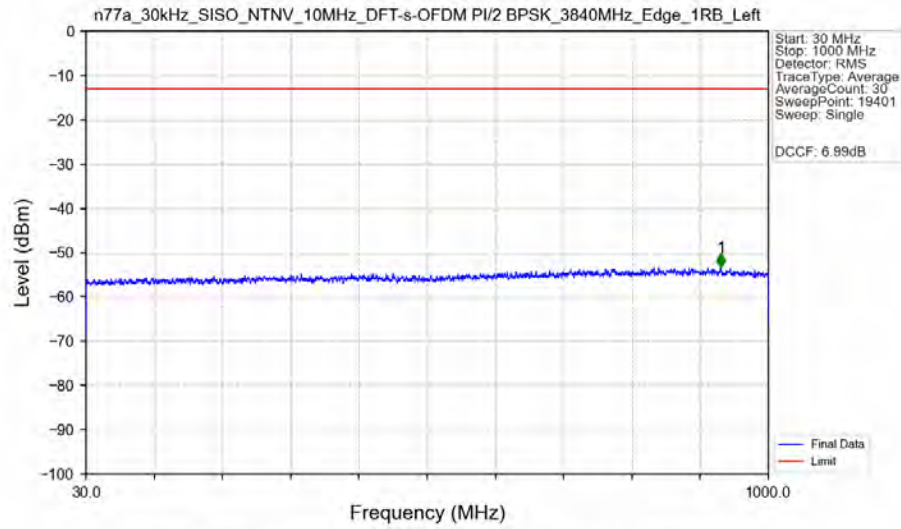
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3685.500	-41.94	-13	Pass
3695	3715	1	/	/	/	/	/	/
3715	39800	1	/	2	39467.500	-31.67	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3705MHz_Outer_Full_Ant0

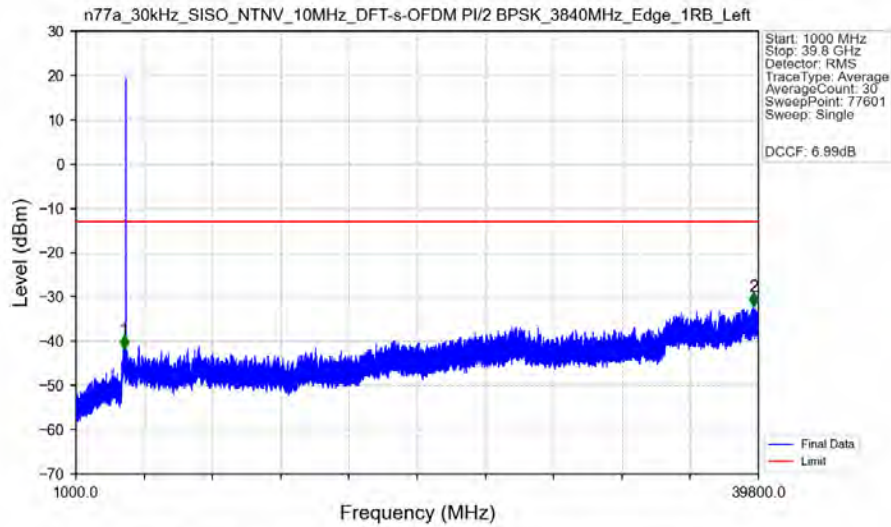


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-49.65	-13	Pass
3695	3699	0.5	CHP	2	3695.765	-34.64	-13	Pass
3699	3700	0.0948	CHP	3	3699.396	-38.85	-13	Pass
3700	3710	0.0948	CHP	/	/	/	/	/
3710	3711	0.0948	CHP	4	3710.349	-37.43	-13	Pass
3711	3715	0.5	CHP	5	3713.785	-34.31	-13	Pass

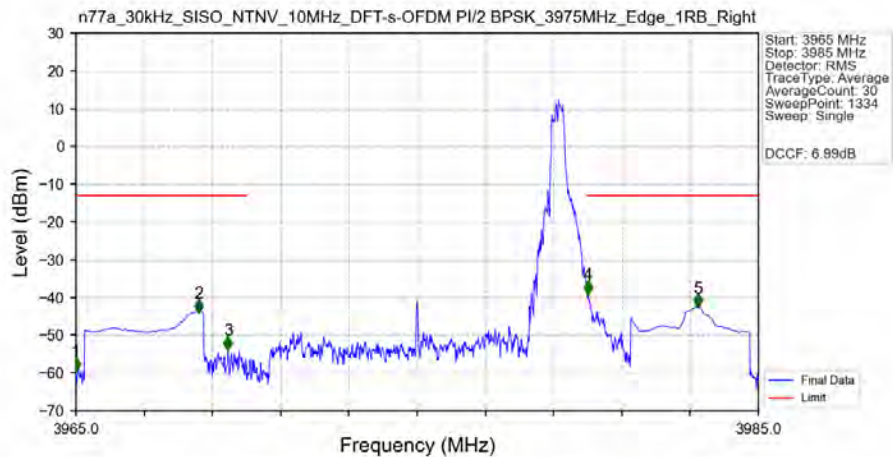
n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3840MHz_Edge_1RB_Left_Ant0



n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3840MHz_Edge_1RB_Left_Ant0

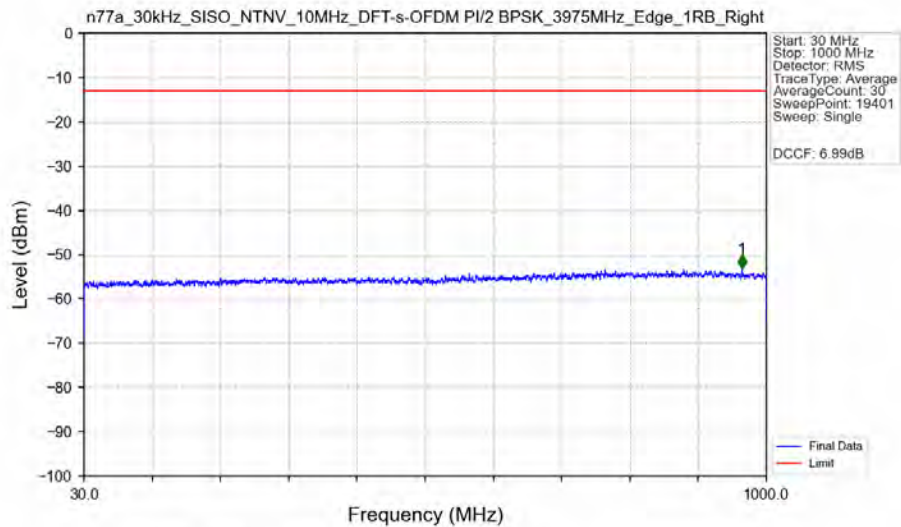


n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3975MHz_Edge_1RB_Right_Ant0



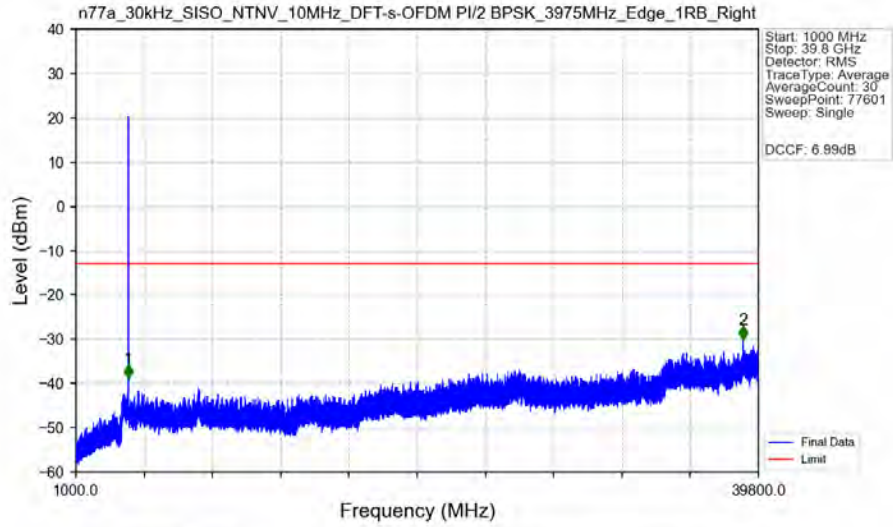
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3965	3965	0.5	/	1	3965.000	-59.13	-13	Pass
3965	3969	0.5	CHP	2	3968.601	-43.75	-13	Pass
3969	3970	0.03	/	3	3969.456	-53.55	-13	Pass
3970	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	4	3980.004	-38.81	-13	Pass
3981	3985	0.5	CHP	5	3983.230	-42.35	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3975MHz_Edge_1RB_Right_Ant0



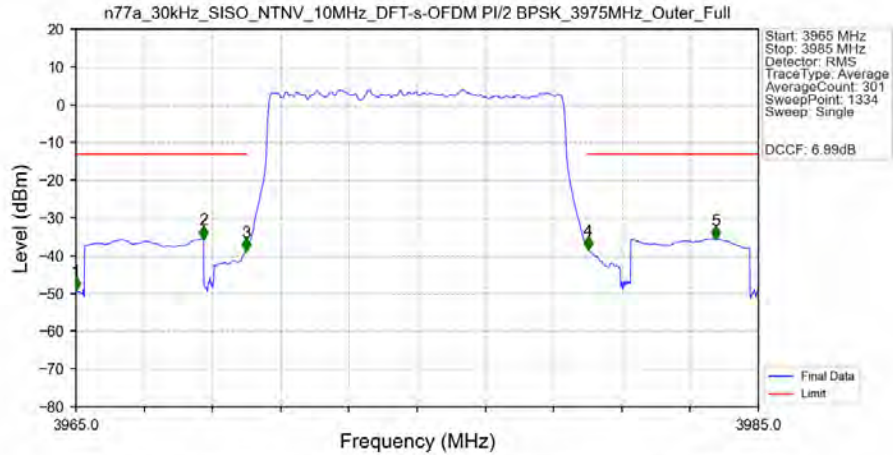
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	965.300	-53.17	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3975MHz_Edge_1RB_Right_Ant0



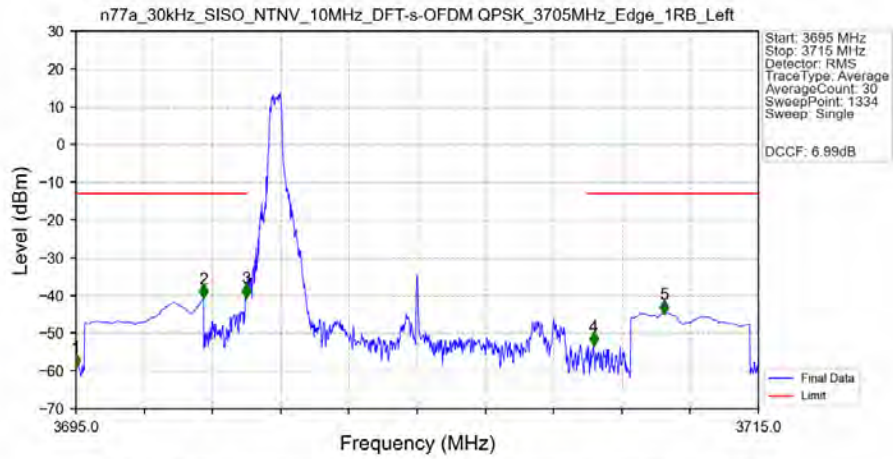
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3965	1	/	1	3964.500	-38.77	-13	Pass
3965	3985	1	/	/	/	/	/	/
3985	39800	1	/	2	38922.500	-30.04	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3975MHz_Outer_Full_Ant0



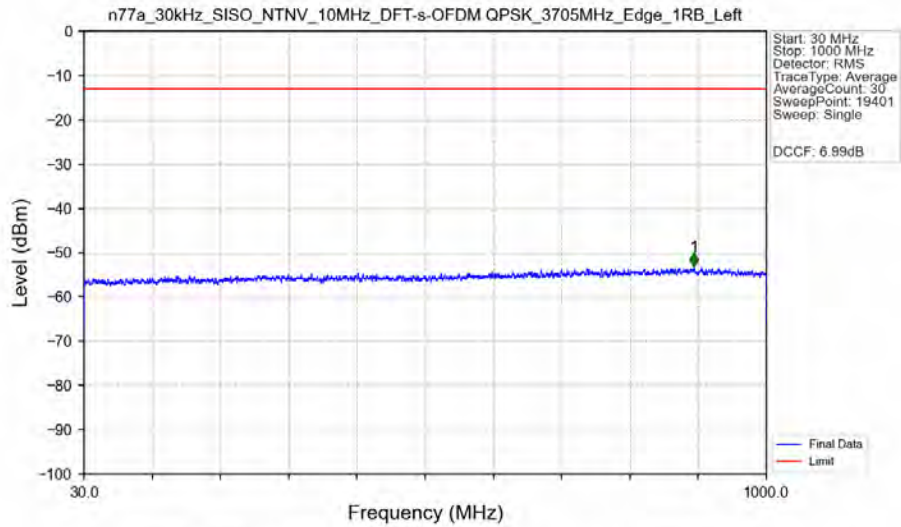
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3965	3965	0.5	/	1	3965.000	-48.99	-13	Pass
3965	3969	0.5	CHP	2	3968.736	-35.37	-13	Pass
3969	3970	0.09347	CHP	3	3969.996	-38.73	-13	Pass
3970	3980	0.09347	CHP	/	/	/	/	/
3980	3981	0.09347	CHP	4	3980.004	-38.22	-13	Pass
3981	3985	0.5	CHP	5	3983.755	-35.40	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3705MHz_Edge_1RB_Left_Ant0



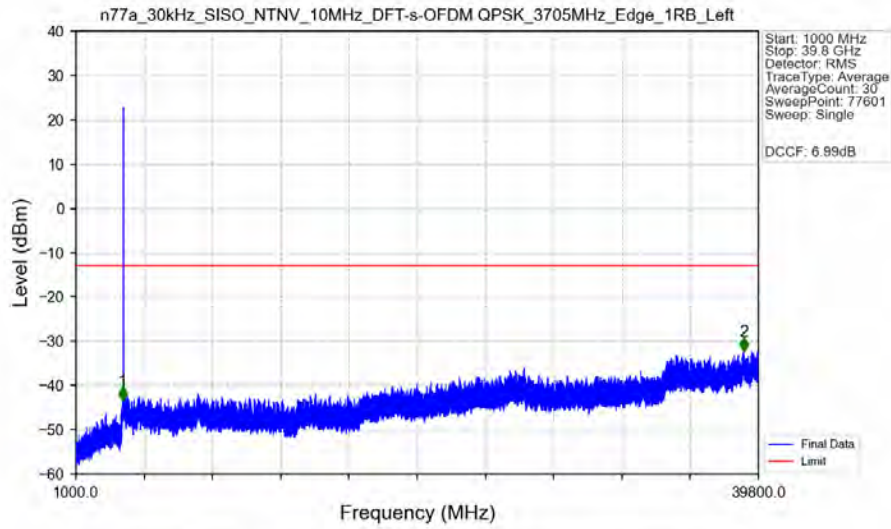
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-58.65	-13	Pass
3695	3699	0.5	CHP	2	3698.736	-40.49	-13	Pass
3699	3700	0.03	/	3	3699.996	-40.32	-13	Pass
3700	3710	0.03	/	/	/	/	/	/
3710	3711	0.03	/	4	3710.169	-53.06	-13	Pass
3711	3715	0.5	CHP	5	3712.224	-44.56	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3705MHz_Edge_1RB_Left_Ant0



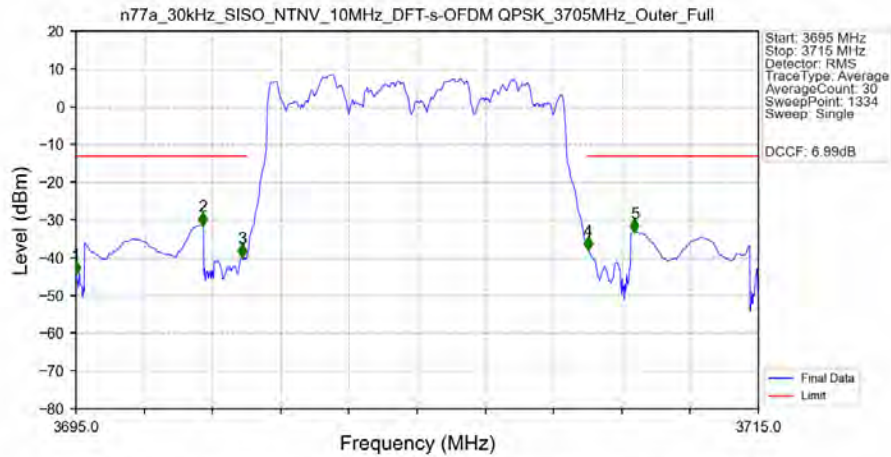
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	897.250	-53.20	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3705MHz_Edge_1RB_Left_Ant0



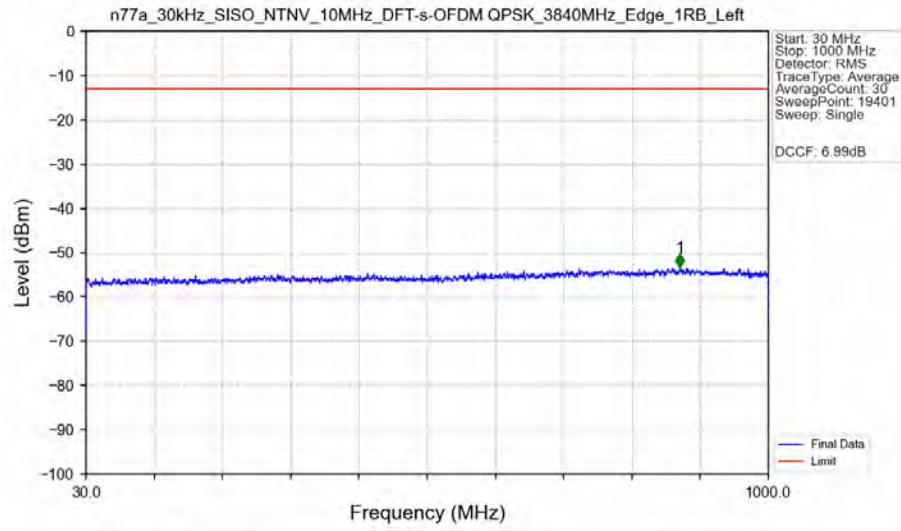
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3644.000	-43.29	-13	Pass
3695	3715	1	/	/	/	/	/	/
3715	39800	1	/	2	38961.500	-32.20	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3705MHz_Outer_Full_Ant0

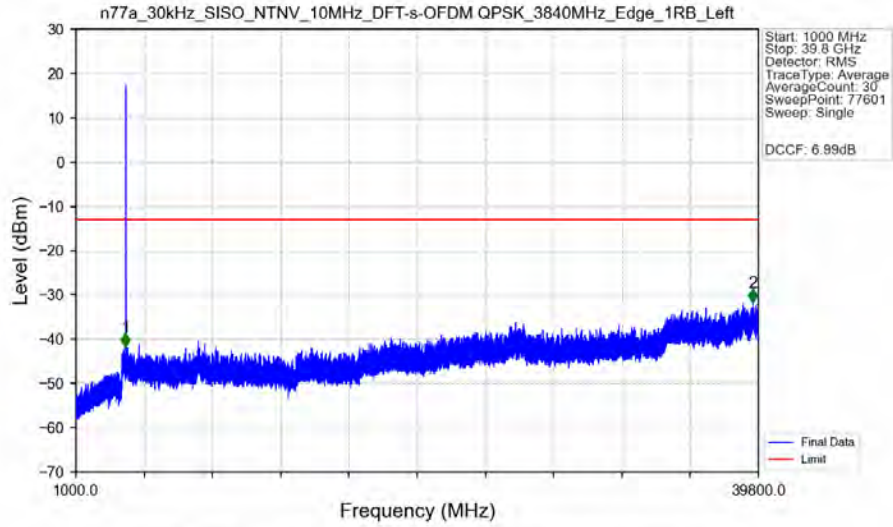


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-44.27	-13	Pass
3695	3699	0.5	CHP	2	3698.721	-31.31	-13	Pass
3699	3700	0.09335	CHP	3	3699.876	-39.77	-13	Pass
3700	3710	0.09335	CHP	/	/	/	/	/
3710	3711	0.09335	CHP	4	3710.004	-37.86	-13	Pass
3711	3715	0.5	CHP	5	3711.369	-33.11	-13	Pass

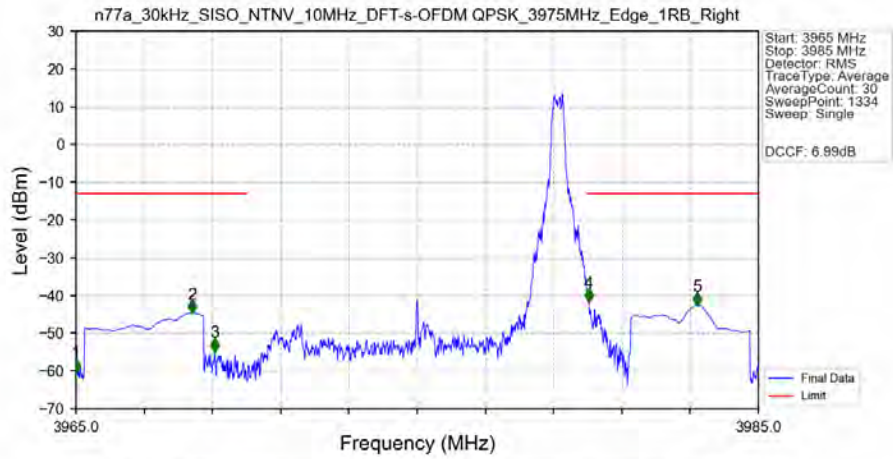
n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant0



n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant0

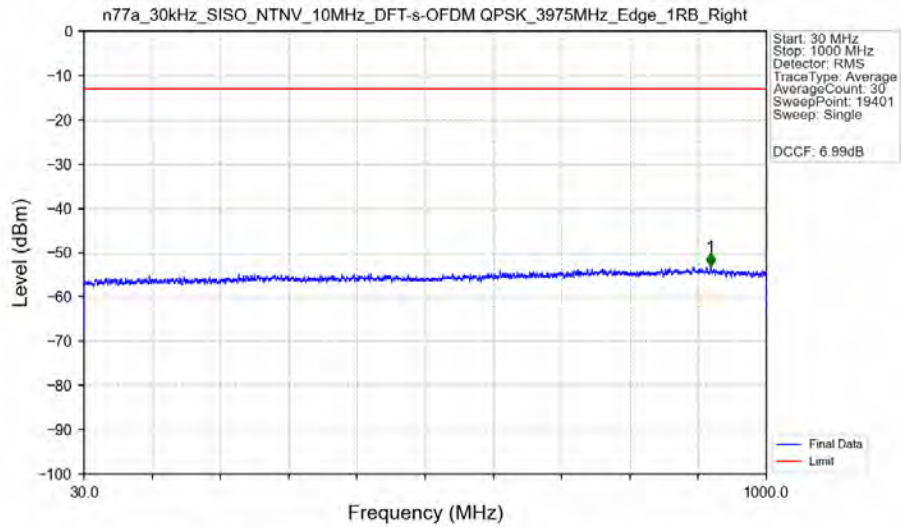


n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3975MHz_Edge_1RB_Right_Ant0



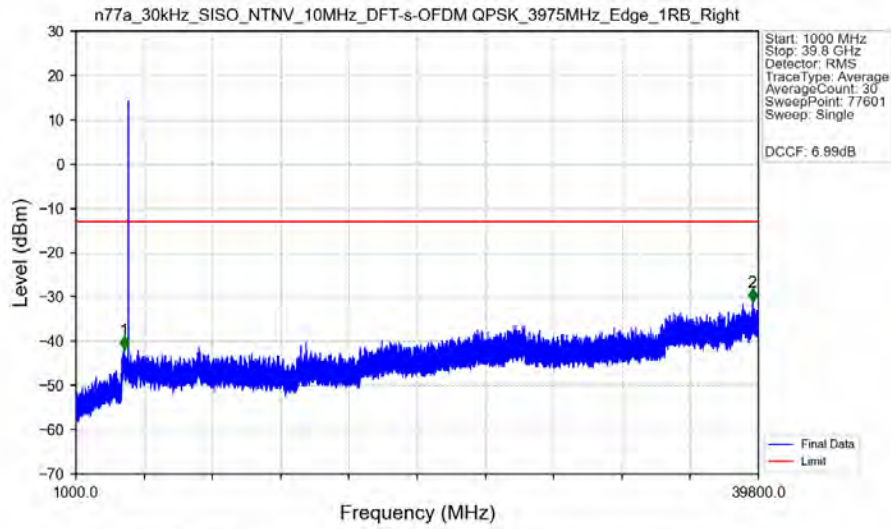
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3965	3965	0.5	/	1	3965.000	-59.94	-13	Pass
3965	3969	0.5	CHP	2	3968.406	-44.49	-13	Pass
3969	3970	0.03	/	3	3969.066	-54.65	-13	Pass
3970	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	4	3980.034	-41.41	-13	Pass
3981	3985	0.5	CHP	5	3983.200	-42.45	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3975MHz_Edge_1RB_Right_Ant0



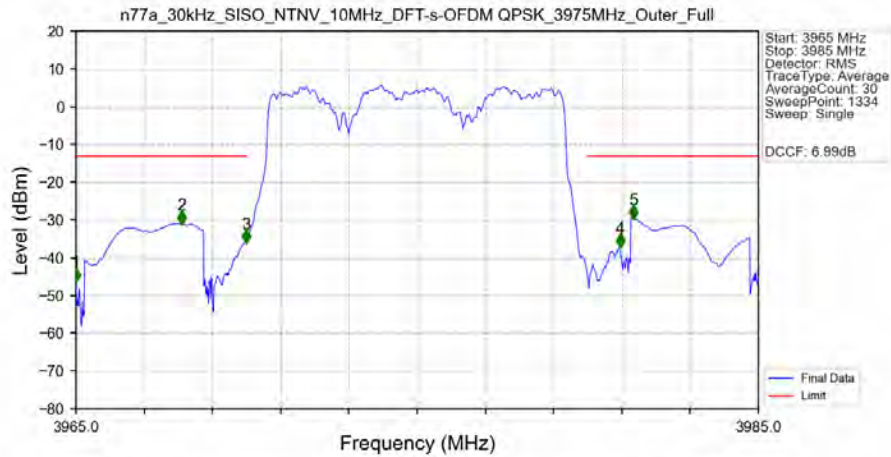
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	920.800	-53.18	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3975MHz_Edge_1RB_Right_Ant0



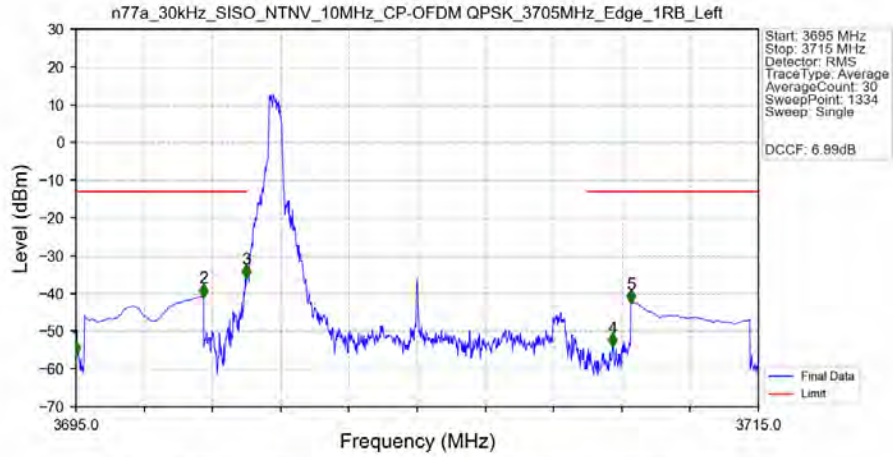
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3965	1	/	1	3743.500	-41.83	-13	Pass
3965	3985	1	/	/	/	/	/	/
3985	39800	1	/	2	39464.500	-31.09	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3975MHz_Outer_Full_Ant0



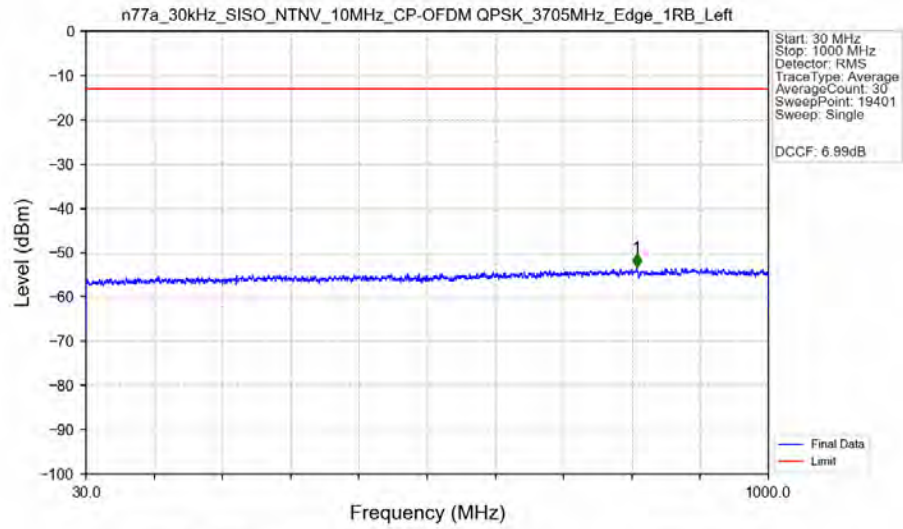
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3965	3965	0.5	/	1	3965.000	-46.03	-13	Pass
3965	3969	0.5	CHP	2	3968.106	-30.85	-13	Pass
3969	3970	0.0939	CHP	3	3969.996	-35.88	-13	Pass
3970	3980	0.0939	CHP	/	/	/	/	/
3980	3981	0.0939	CHP	4	3980.949	-36.99	-13	Pass
3981	3985	0.5	CHP	5	3981.324	-29.47	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3705MHz_Edge_1RB_Left_Ant0



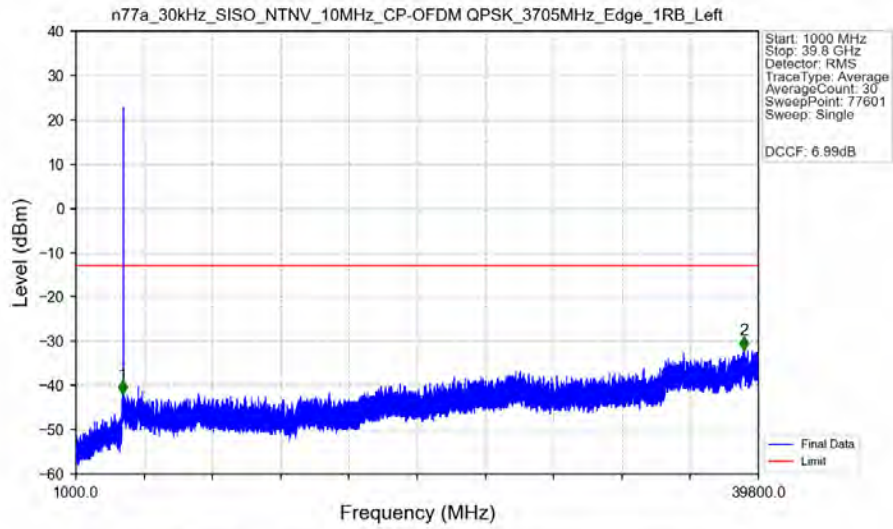
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-56.09	-13	Pass
3695	3699	0.5	CHP	2	3698.736	-40.74	-13	Pass
3699	3700	0.03	/	3	3699.996	-35.76	-13	Pass
3700	3710	0.03	/	/	/	/	/	/
3710	3711	0.03	/	4	3710.724	-53.86	-13	Pass
3711	3715	0.5	CHP	5	3711.264	-42.28	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3705MHz_Edge_1RB_Left_Ant0



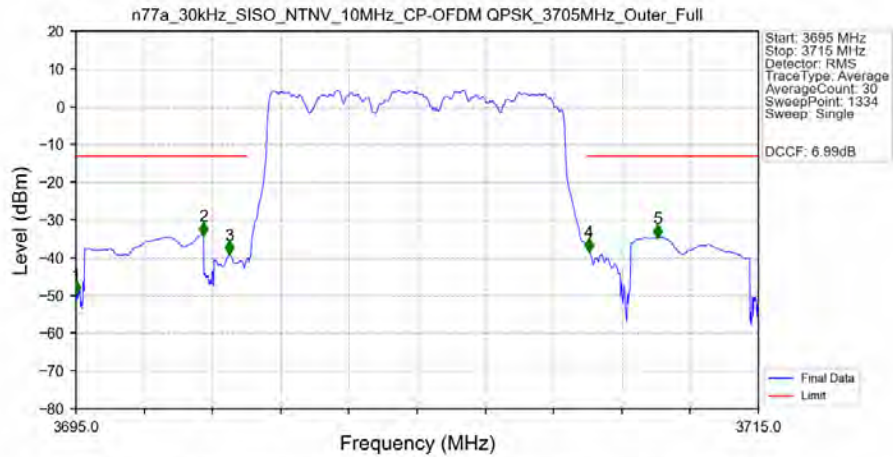
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	812.750	-53.34	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3705MHz_Edge_1RB_Left_Ant0



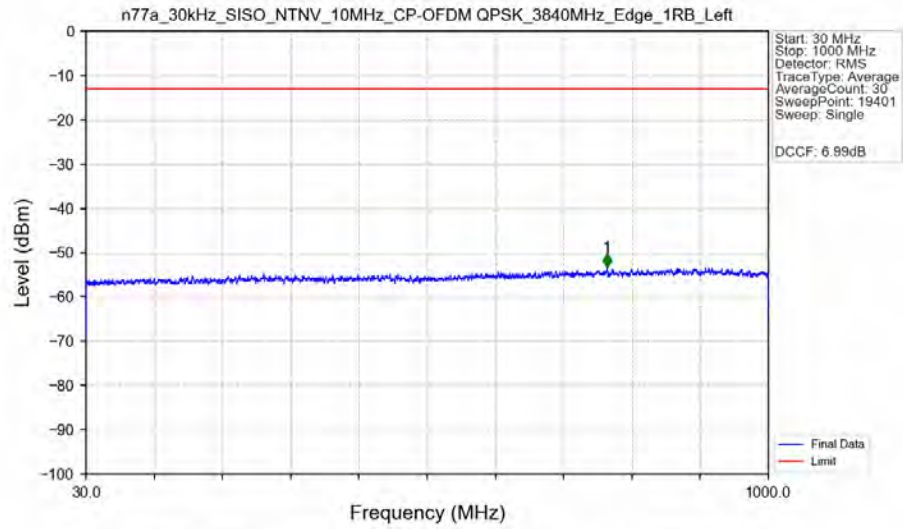
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3658.500	-41.86	-13	Pass
3695	3715	1	/	/	/	/	/	/
3715	39800	1	/	2	38990.000	-31.98	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3705MHz_Outer_Full_Ant0

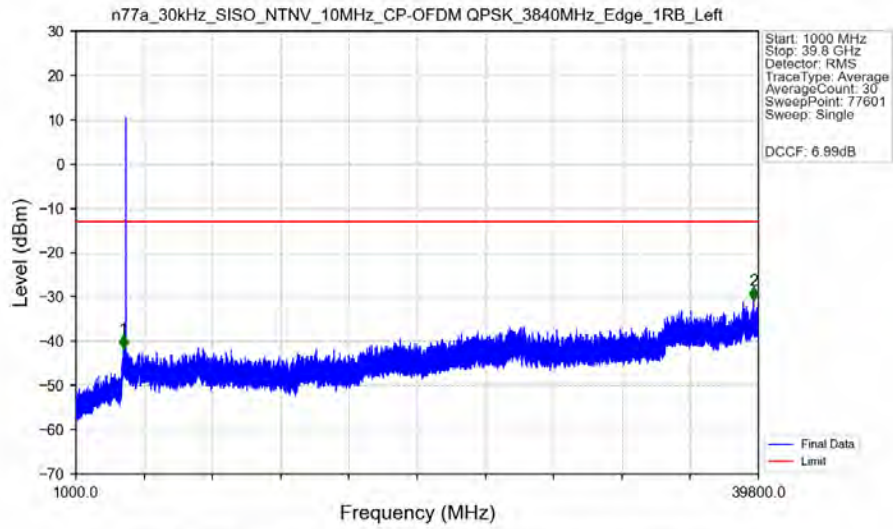


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-49.29	-13	Pass
3695	3699	0.5	CHP	2	3698.736	-33.86	-13	Pass
3699	3700	0.09351	CHP	3	3699.501	-38.93	-13	Pass
3700	3710	0.09351	CHP	/	/	/	/	/
3710	3711	0.09351	CHP	4	3710.034	-38.12	-13	Pass
3711	3715	0.5	CHP	5	3712.044	-34.51	-13	Pass

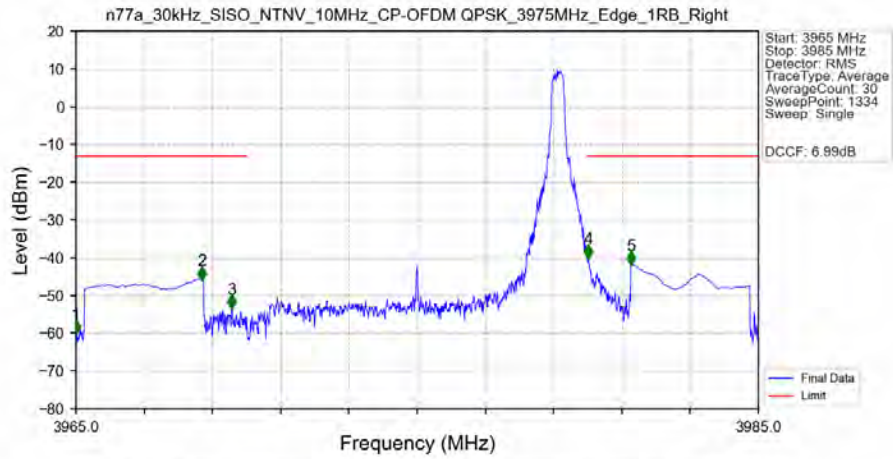
n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant0



n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant0

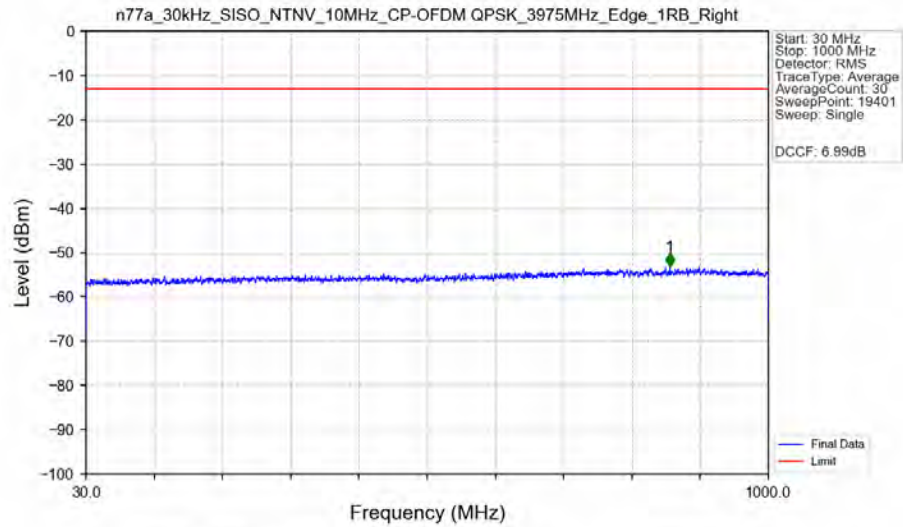


n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3975MHz_Edge_1RB_Right_Ant0



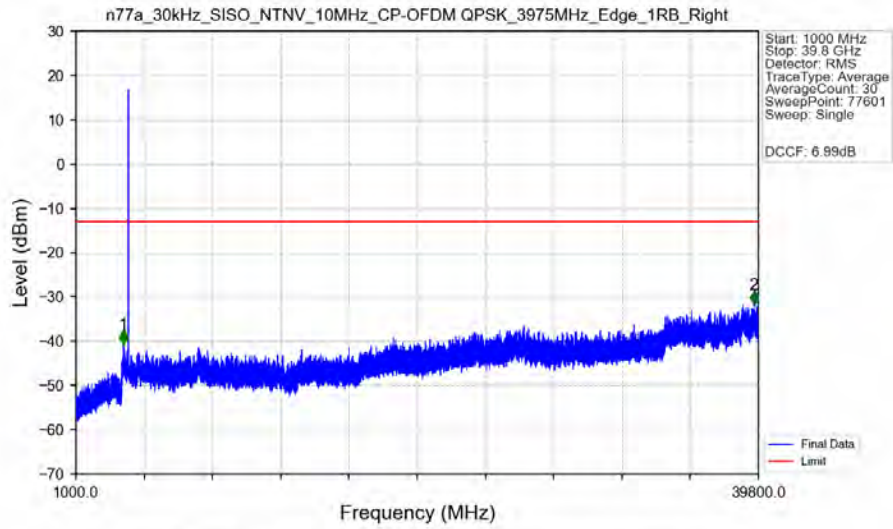
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3965	3965	0.5	/	1	3965.000	-59.79	-13	Pass
3965	3969	0.5	CHP	2	3968.691	-45.58	-13	Pass
3969	3970	0.03	/	3	3969.561	-53.18	-13	Pass
3970	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	4	3980.019	-39.84	-13	Pass
3981	3985	0.5	CHP	5	3981.264	-41.66	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3975MHz_Edge_1RB_Right_Ant0



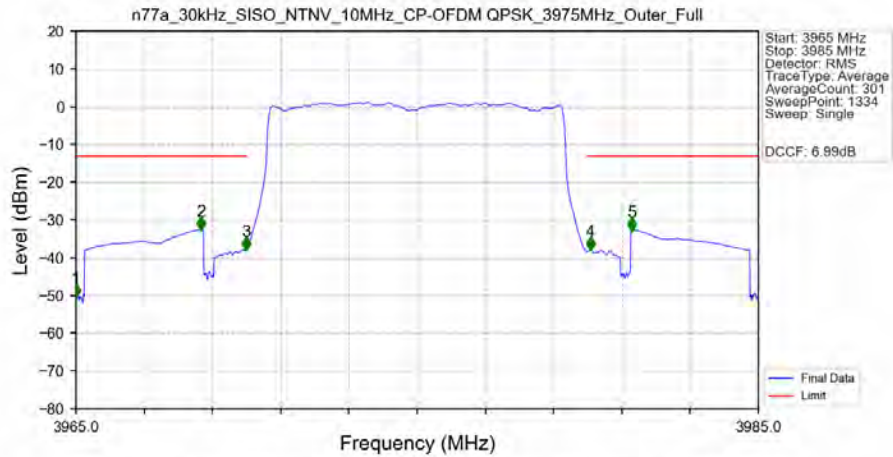
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	859.950	-53.12	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3975MHz_Edge_1RB_Right_Ant0



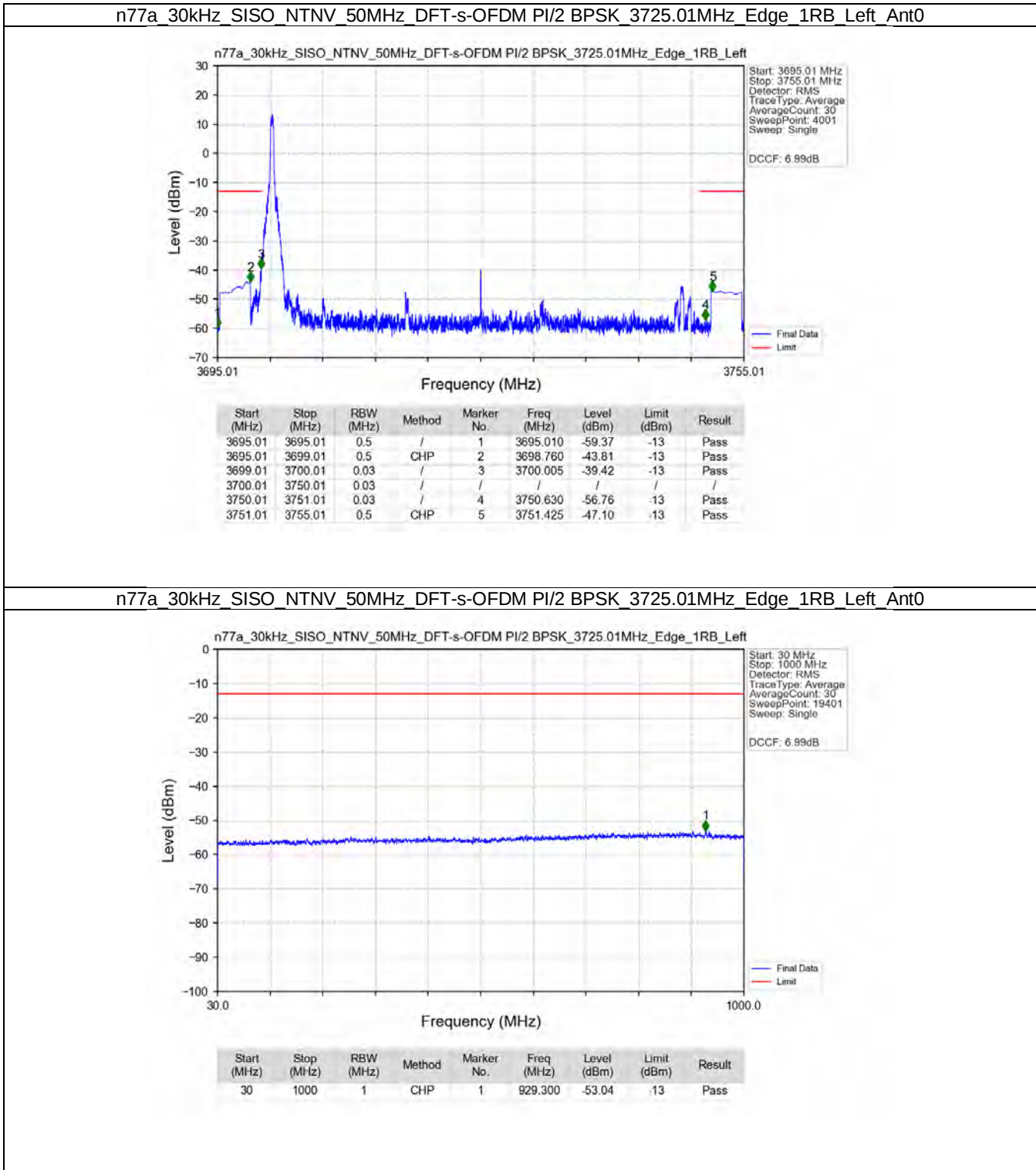
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3965	1	/	1	3975.000	-40.66	-13	Pass
3965	3985	1	/	/	/	/	/	/
3985	39800	1	/	2	39548.000	-31.70	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3975MHz_Outer_Full_Ant0

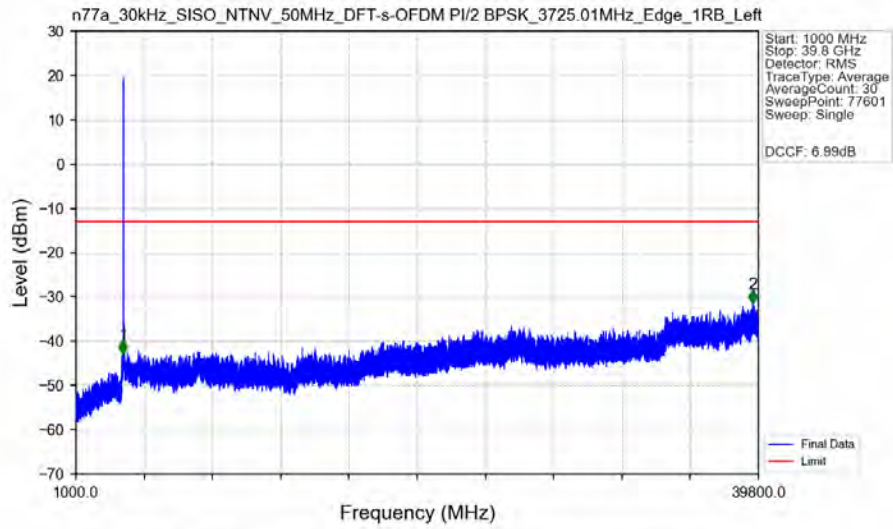


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3965	3965	0.5	/	1	3965.000	-50.19	-13	Pass
3965	3969	0.5	CHP	2	3968.676	-32.50	-13	Pass
3969	3970	0.0948	CHP	3	3969.996	-37.78	-13	Pass
3970	3980	0.0948	CHP	/	/	/	/	/
3980	3981	0.0948	CHP	4	3980.079	-37.82	-13	Pass
3981	3985	0.5	CHP	5	3981.294	-32.61	-13	Pass

5.2.2 30k_SISO_50MHz_NTNV

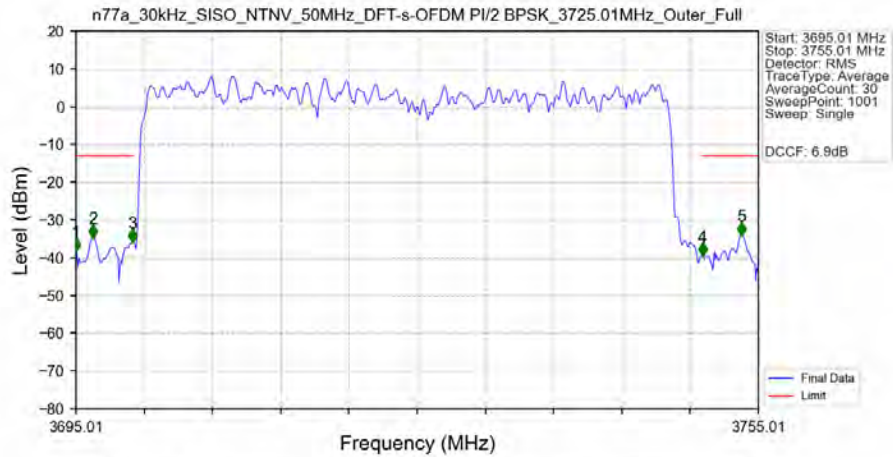


n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3725.01MHz_Edge_1RB_Left_Ant0



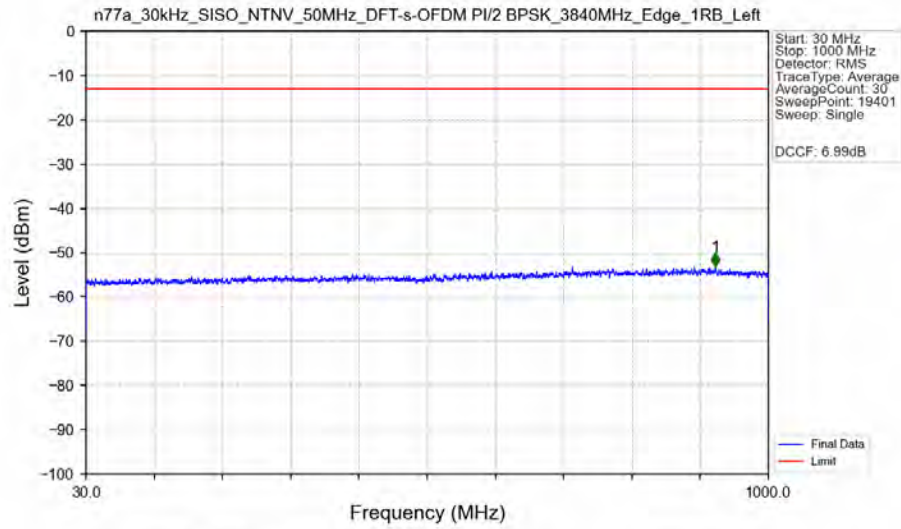
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	3667.500	-42.85	-13	Pass
3695.01	3755.01	1	/	/	/	/	/	/
3755.01	39800	1	/	2	39491.500	-31.50	-13	Pass

n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3725.01MHz_Outer_Full_Ant0

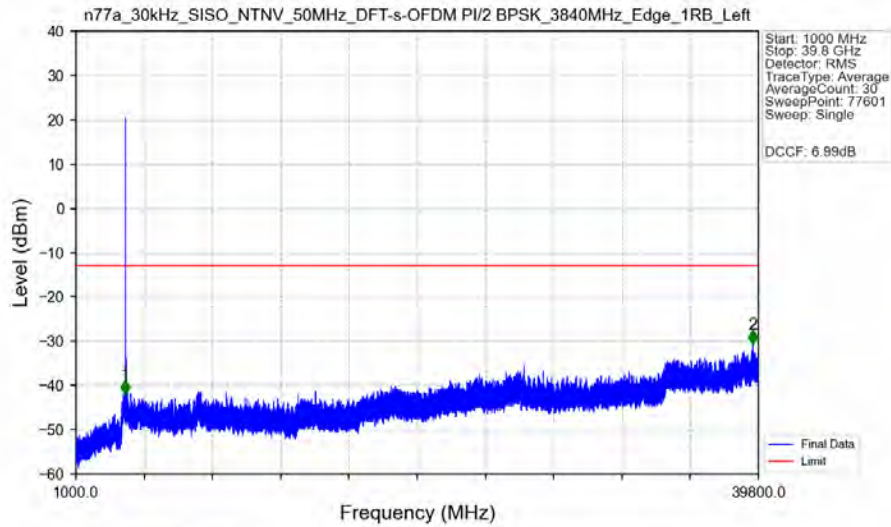


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-38.03	-13	Pass
3695.01	3699.01	0.5	CHP	2	3696.510	-34.51	-13	Pass
3699.01	3700.01	0.35	CHP	3	3699.990	-35.69	-13	Pass
3700.01	3750.01	0.35	CHP	/	/	/	/	/
3750.01	3751.01	0.35	CHP	4	3750.090	-39.24	-13	Pass
3751.01	3755.01	0.5	CHP	5	3753.510	-33.88	-13	Pass

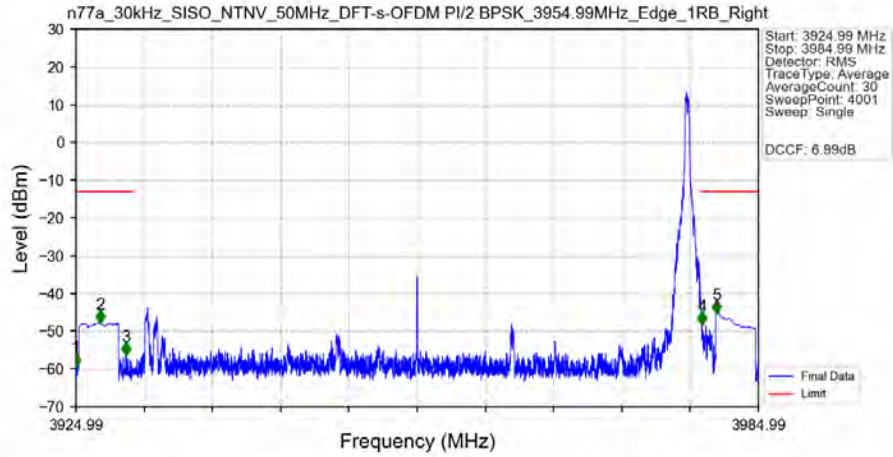
n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3840MHz_Edge_1RB_Left_Ant0



n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3840MHz_Edge_1RB_Left_Ant0

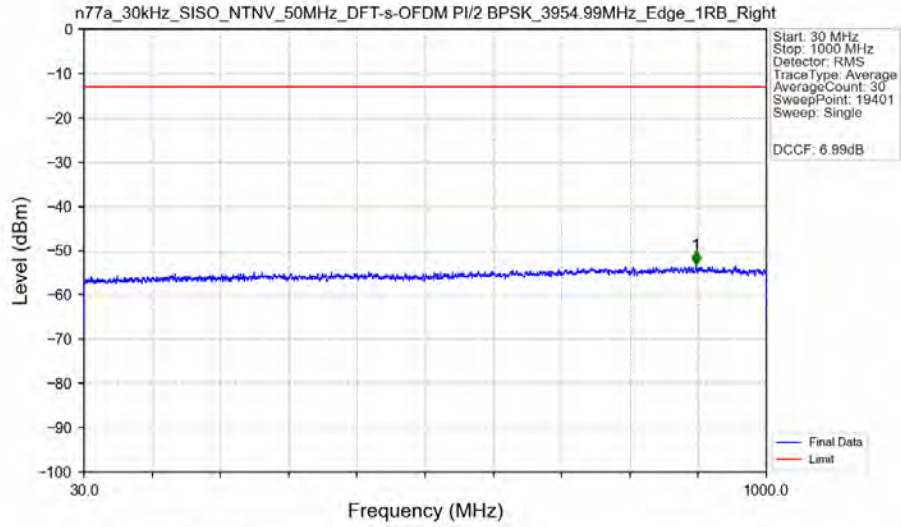


n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3954.99MHz_Edge_1RB_Right_Ant0



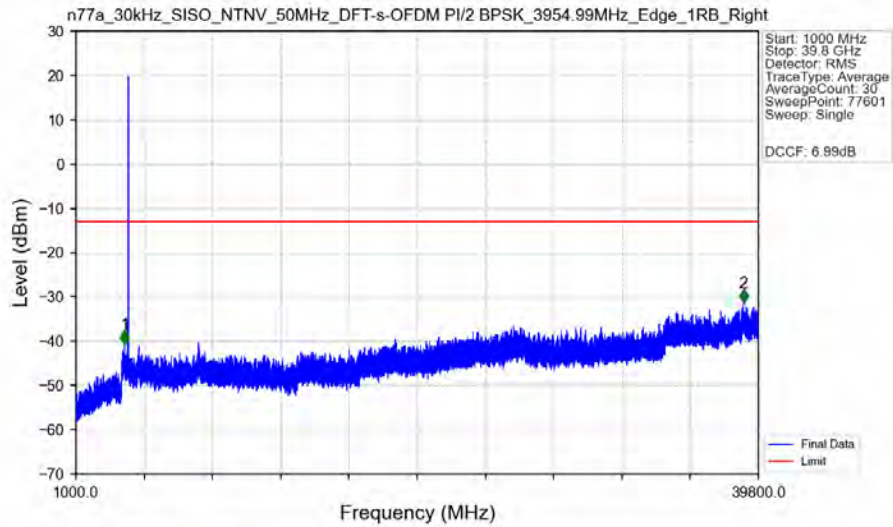
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3924.99	3924.99	0.5	/	1	3924.990	-59.12	-13	Pass
3924.99	3928.99	0.5	CHP	2	3927.105	-47.74	-13	Pass
3928.99	3929.99	0.03	/	3	3929.385	-56.24	-13	Pass
3929.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	4	3980.055	-48.04	-13	Pass
3980.99	3984.99	0.5	CHP	5	3981.300	-45.09	-13	Pass

n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3954.99MHz_Edge_1RB_Right_Ant0



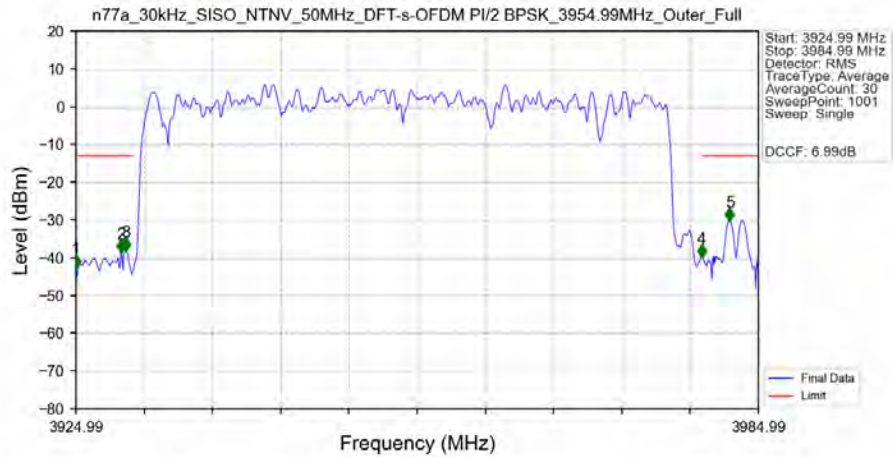
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	900.050	-53.21	-13	Pass

n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3954.99MHz_Edge_1RB_Right_Ant0



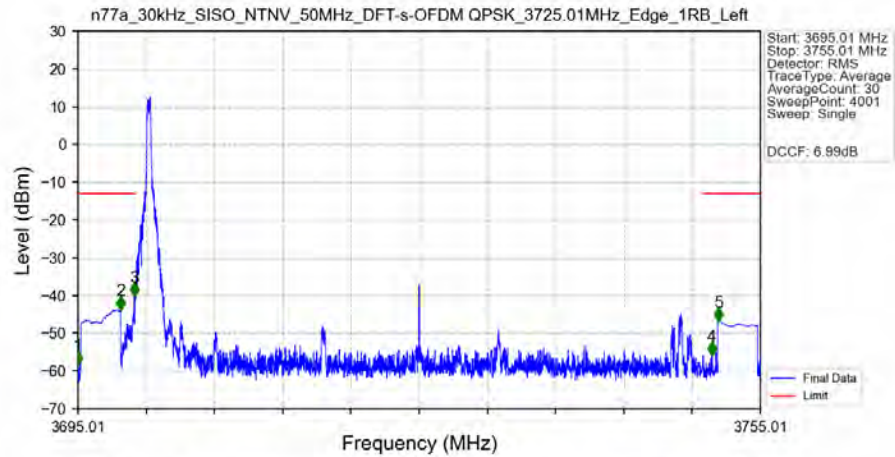
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3924.99	1	/	1	3765.500	-40.69	-13	Pass
3924.99	3984.99	1	/	/	/	/	/	/
3984.99	39800	1	/	2	38953.500	-31.33	-13	Pass

n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3954.99MHz_Outer_Full_Ant0



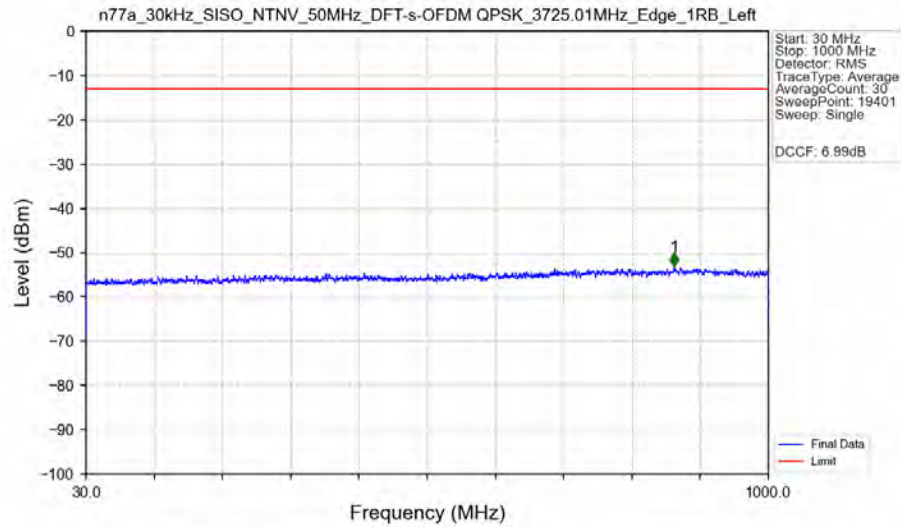
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3924.99	3924.99	0.5	/	1	3924.990	-42.42	-13	Pass
3924.99	3928.99	0.5	CHP	2	3928.950	-38.39	-13	Pass
3928.99	3929.99	0.35	CHP	3	3929.370	-38.04	-13	Pass
3929.99	3979.99	0.35	CHP	/	/	/	/	/
3979.99	3980.99	0.35	CHP	4	3980.010	-39.75	-13	Pass
3980.99	3984.99	0.5	CHP	5	3982.470	-30.18	-13	Pass

n77a 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3725.01MHz Edge 1RB Left Ant0



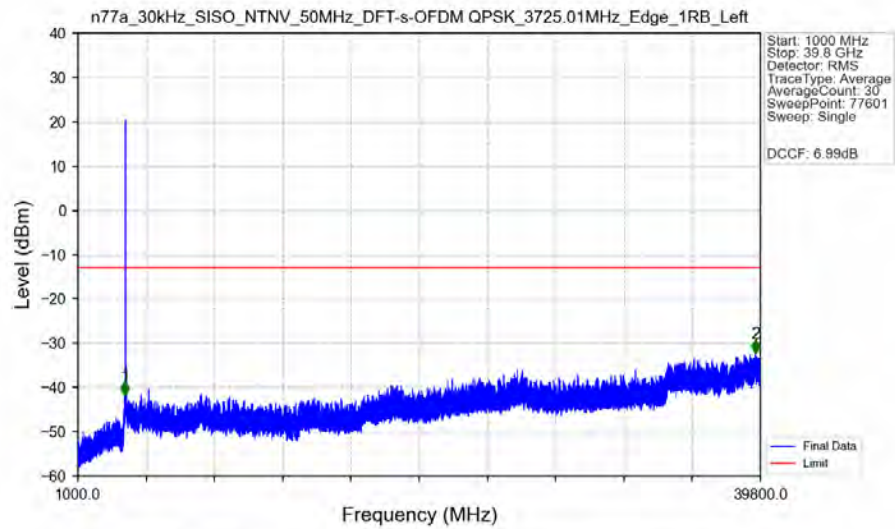
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-58.03	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.760	-43.52	-13	Pass
3699.01	3700.01	0.03	/	3	3699.960	-40.06	-13	Pass
3700.01	3750.01	0.03	/	/	/	/	/	/
3750.01	3751.01	0.03	/	4	3750.750	-55.54	-13	Pass
3751.01	3755.01	0.5	CHP	5	3751.335	-46.56	-13	Pass

n77a 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3725.01MHz Edge 1RB Left Ant0



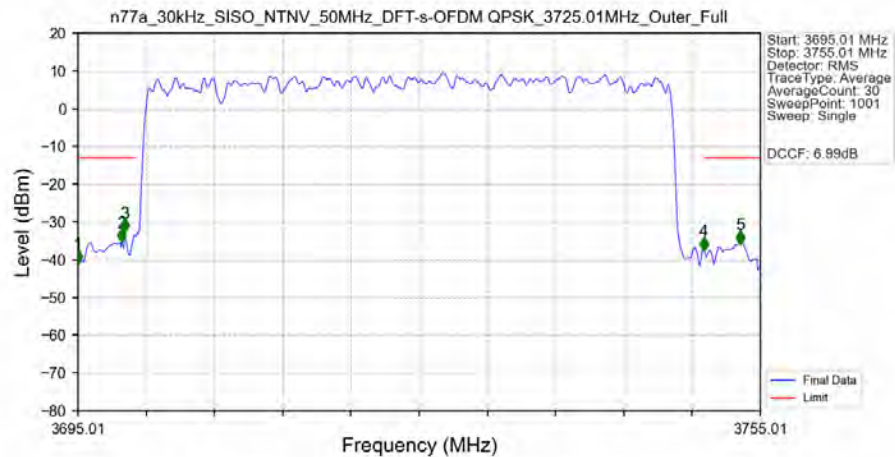
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	866.100	-53.10	-13	Pass

n77a 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3725.01MHz Edge 1RB Left Ant0



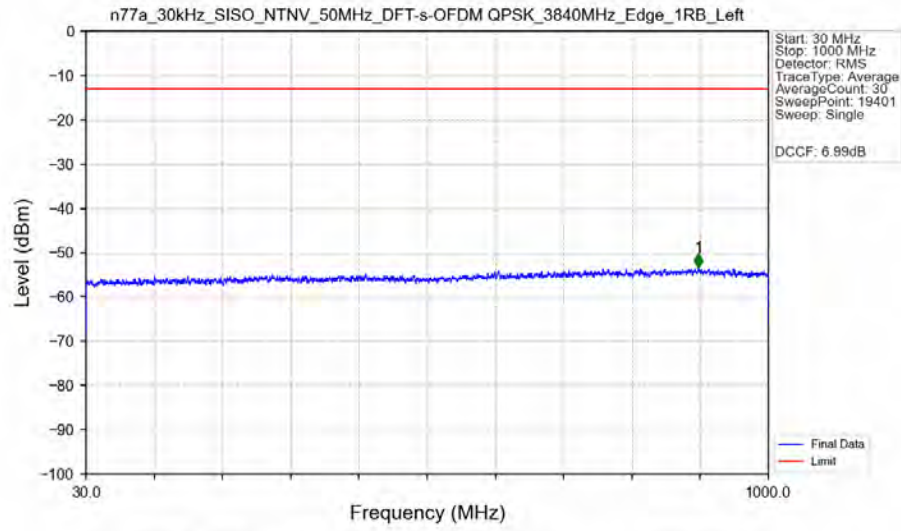
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	3677.500	-41.71	-13	Pass
3695.01	3755.01	1	/	/	/	/	/	/
3755.01	39800	1	/	2	39511.500	-32.33	-13	Pass

n77a 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3725.01MHz Outer_Full Ant0

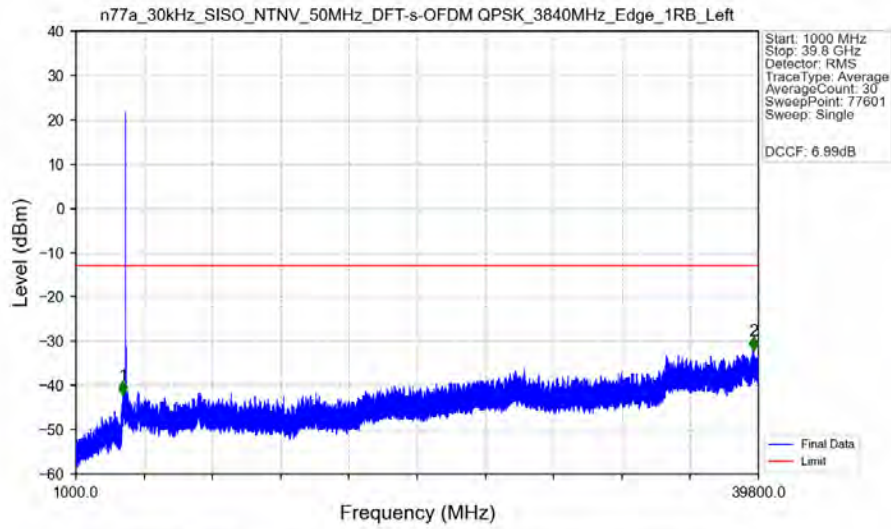


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-40.55	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.850	-35.04	-13	Pass
3699.01	3700.01	0.35	CHP	3	3699.150	-32.44	-13	Pass
3700.01	3750.01	0.35	CHP	/	/	/	/	/
3750.01	3751.01	0.35	CHP	4	3750.030	-37.25	-13	Pass
3751.01	3755.01	0.5	CHP	5	3753.210	-35.54	-13	Pass

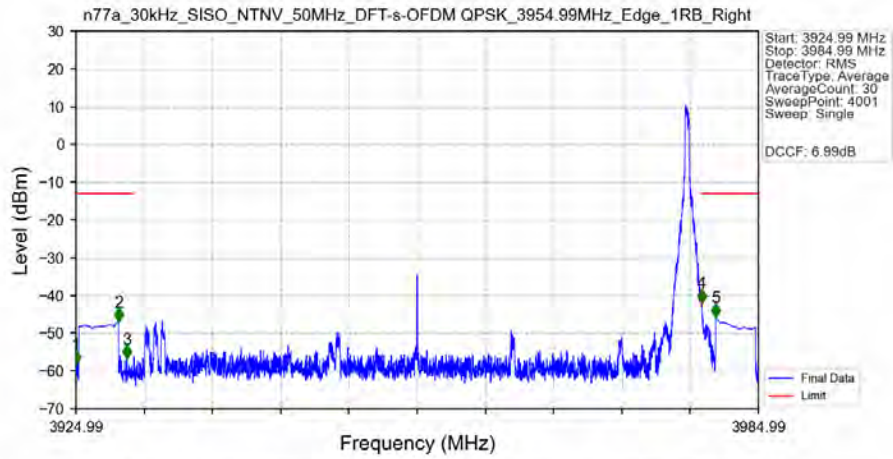
n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant0



n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant0

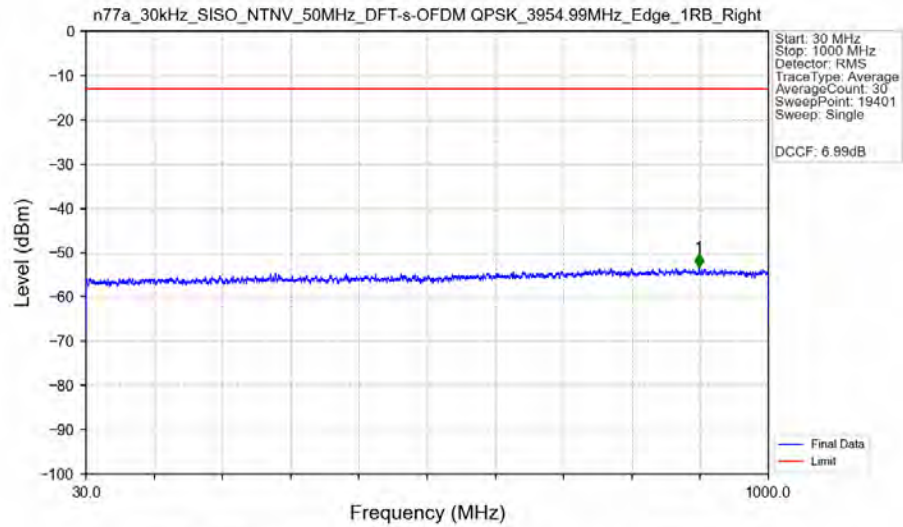


n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3954.99MHz_Edge_1RB_Right_Ant0



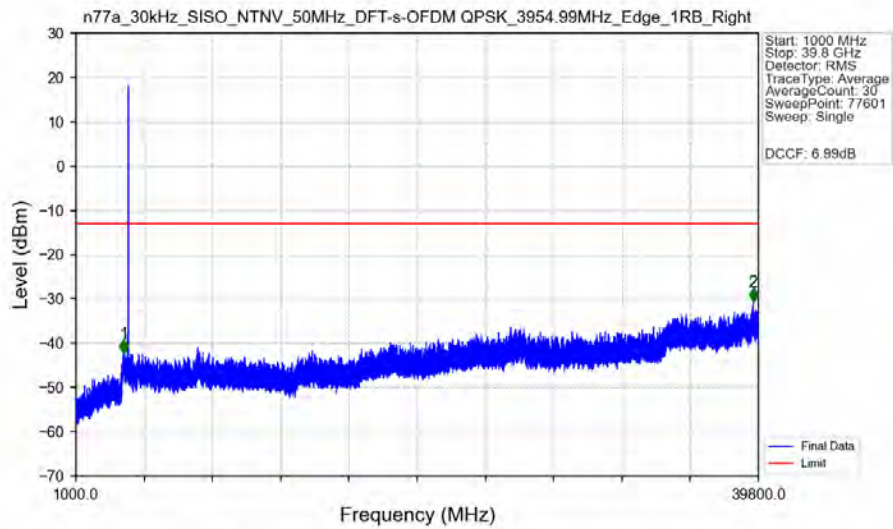
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3924.99	3924.99	0.5	/	1	3924.990	-57.86	-13	Pass
3924.99	3928.99	0.5	CHP	2	3928.740	-46.57	-13	Pass
3928.99	3929.99	0.03	/	3	3929.460	-56.46	-13	Pass
3929.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	4	3979.995	-41.59	-13	Pass
3980.99	3984.99	0.5	CHP	5	3981.240	-45.44	-13	Pass

n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3954.99MHz_Edge_1RB_Right_Ant0



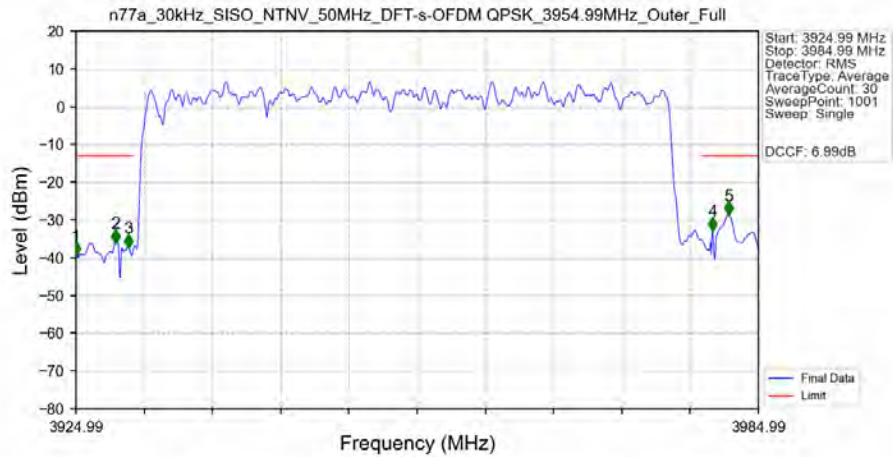
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	901.350	-53.38	-13	Pass

n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3954.99MHz_Edge_1RB_Right_Ant0



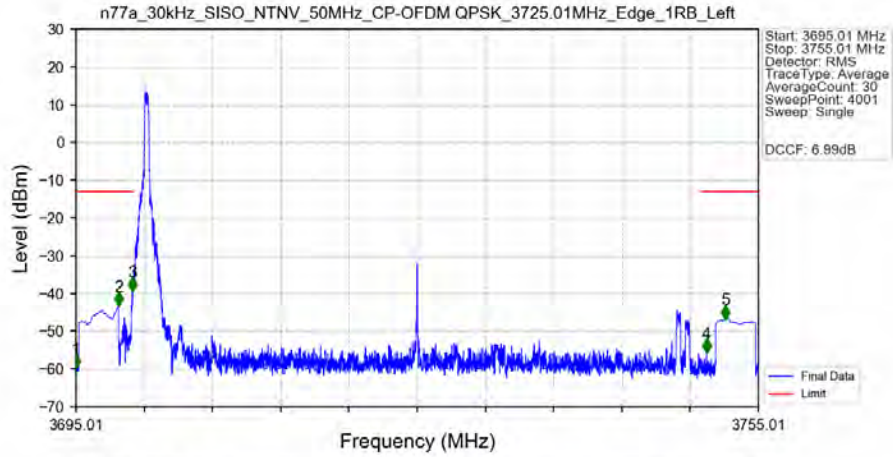
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3924.99	1	/	1	3710.000	-42.32	-13	Pass
3924.99	3984.99	1	/	/	/	/	/	/
3984.99	39800	1	/	2	39510.000	-30.58	-13	Pass

n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3954.99MHz_Outer_Full_Ant0



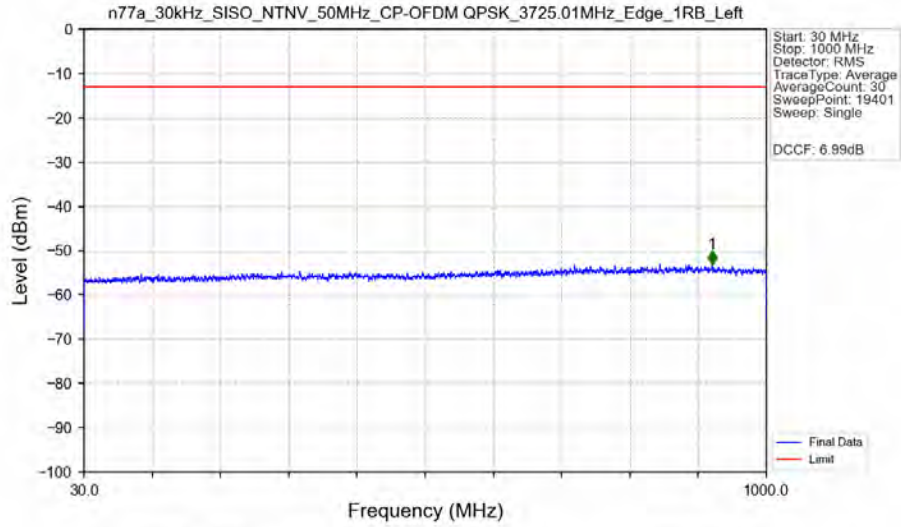
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3924.99	3924.99	0.5	/	1	3924.990	-39.02	-13	Pass
3924.99	3928.99	0.5	CHP	2	3928.470	-35.75	-13	Pass
3928.99	3929.99	0.35	CHP	3	3929.610	-37.07	-13	Pass
3929.99	3979.99	0.35	CHP	/	/	/	/	/
3979.99	3980.99	0.35	CHP	4	3980.970	-32.60	-13	Pass
3980.99	3984.99	0.5	CHP	5	3982.350	-28.45	-13	Pass

n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3725.01MHz_Edge_1RB_Left_Ant0



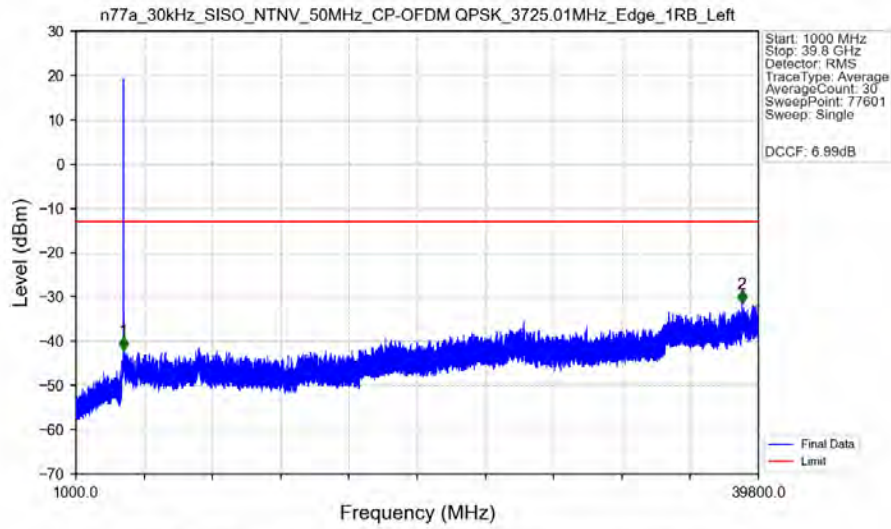
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-59.43	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.760	-42.98	-13	Pass
3699.01	3700.01	0.03	/	3	3699.975	-39.21	-13	Pass
3700.01	3750.01	0.03	/	/	/	/	/	/
3750.01	3751.01	0.03	/	4	3750.450	-55.31	-13	Pass
3751.01	3755.01	0.5	CHP	5	3752.085	-46.53	-13	Pass

n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3725.01MHz_Edge_1RB_Left_Ant0



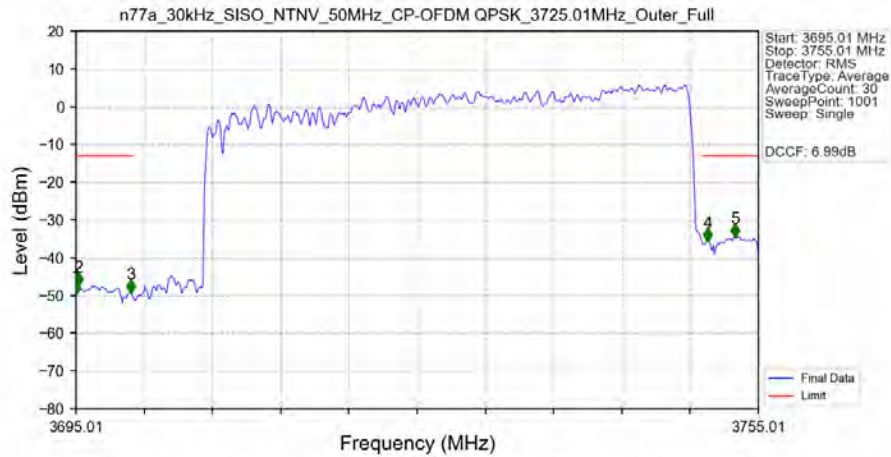
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	922.750	-53.04	-13	Pass

n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3725.01MHz_Edge_1RB_Left_Ant0



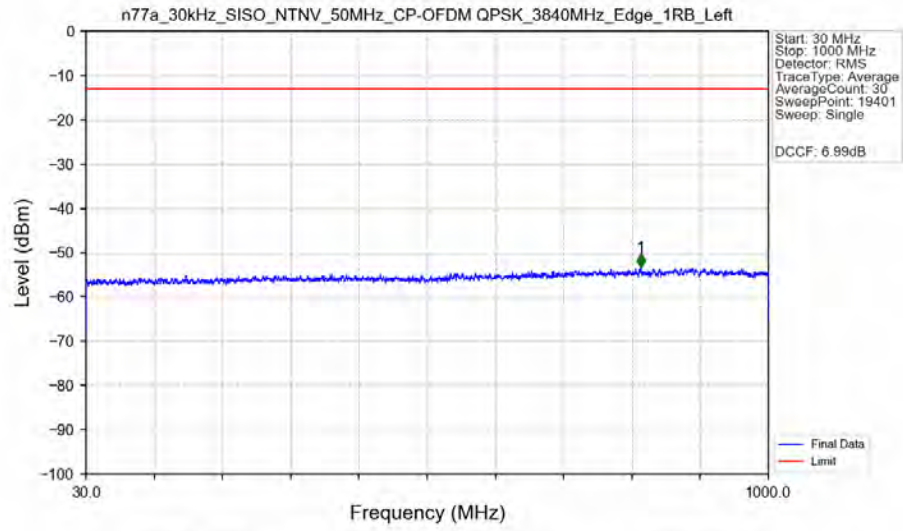
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	3686.500	-42.06	-13	Pass
3695.01	3755.01	1	/	/	/	/	/	/
3755.01	39800	1	/	2	38864.000	-31.45	-13	Pass

n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3725.01MHz_Outer_Full_Ant0

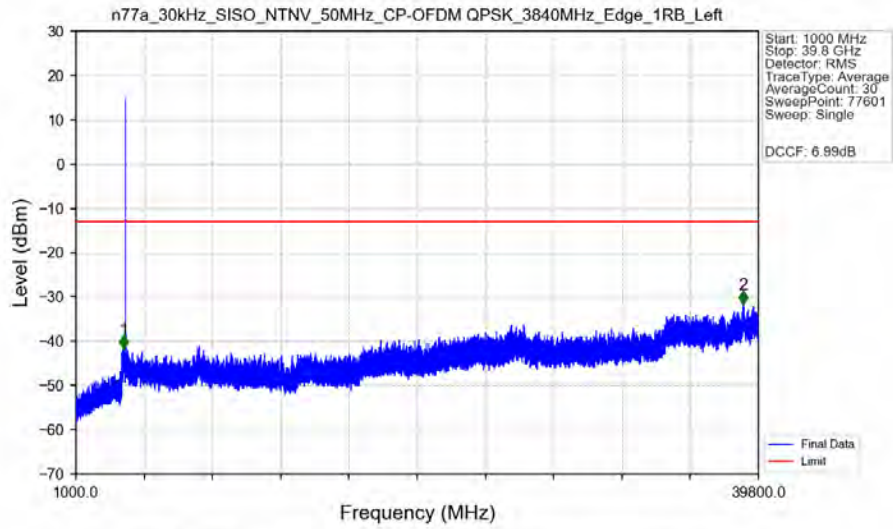


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-49.51	-13	Pass
3695.01	3699.01	0.5	CHP	2	3695.250	-47.22	-13	Pass
3699.01	3700.01	0.35	CHP	3	3699.810	-49.08	-13	Pass
3700.01	3750.01	0.35	CHP	/	/	/	/	/
3750.01	3751.01	0.35	CHP	4	3750.570	-35.41	-13	Pass
3751.01	3755.01	0.5	CHP	5	3752.970	-34.44	-13	Pass

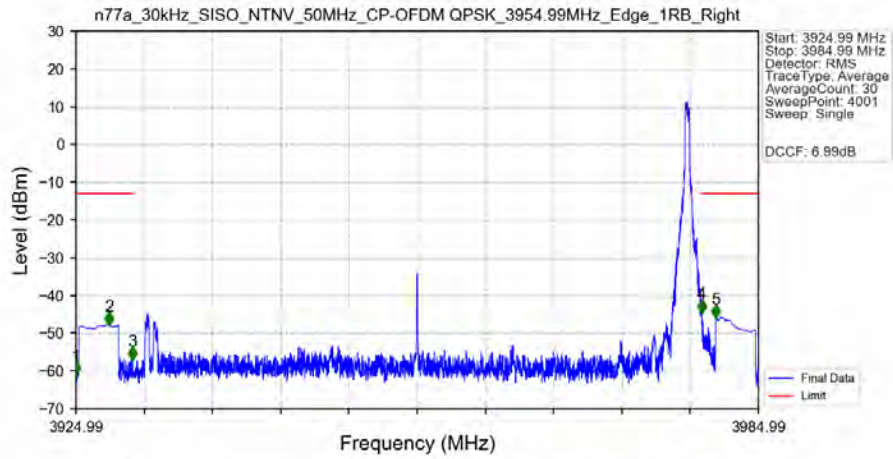
n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant0



n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant0

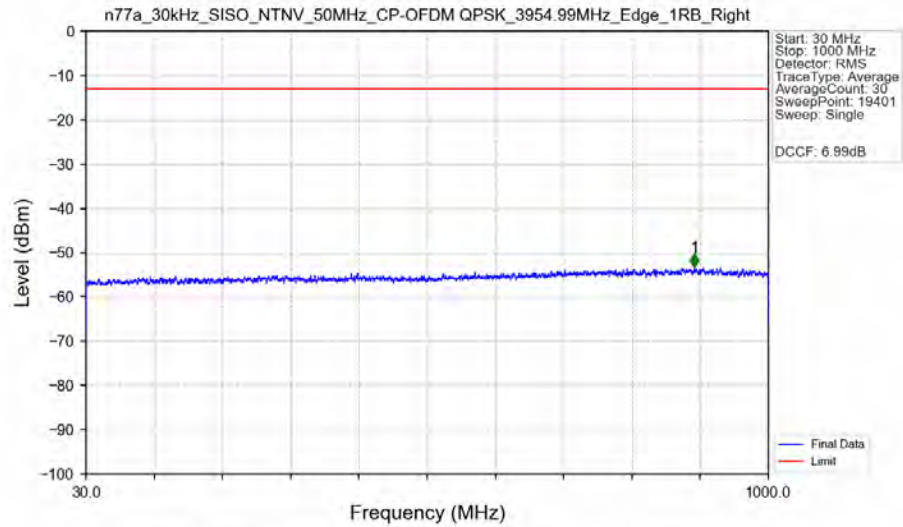


n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3954.99MHz_Edge_1RB_Right_Ant0



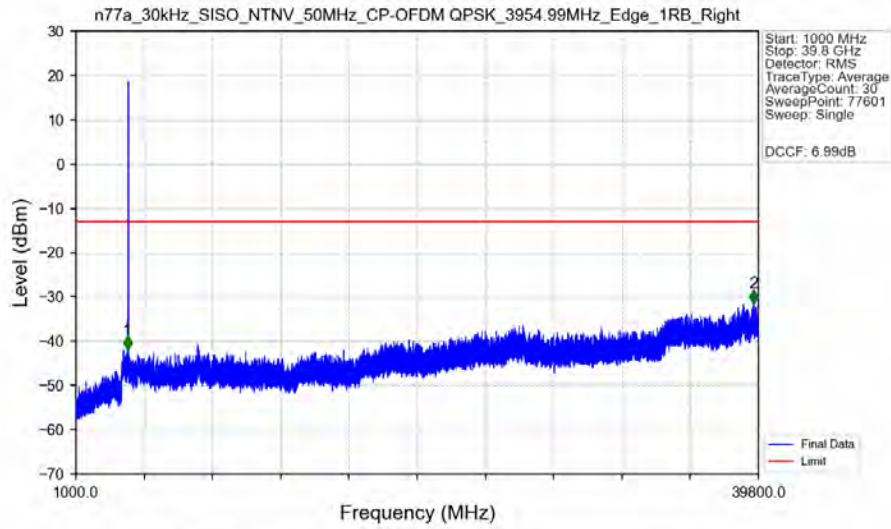
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3924.99	3924.99	0.5	/	1	3924.990	-60.70	-13	Pass
3924.99	3928.99	0.5	CHP	2	3927.900	-47.71	-13	Pass
3928.99	3929.99	0.03	/	3	3929.970	-56.89	-13	Pass
3929.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	4	3980.010	-44.35	-13	Pass
3980.99	3984.99	0.5	CHP	5	3981.240	-45.74	-13	Pass

n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3954.99MHz_Edge_1RB_Right_Ant0



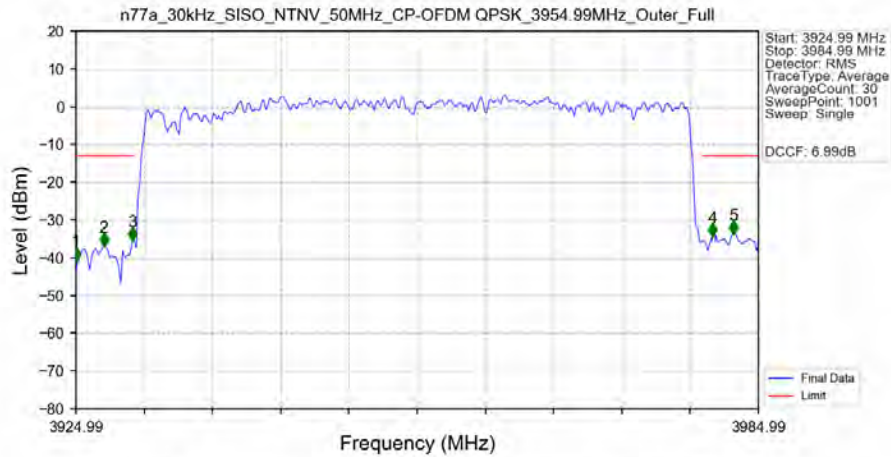
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	894.700	-53.28	-13	Pass

n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3954.99MHz_Edge_1RB_Right_Ant0



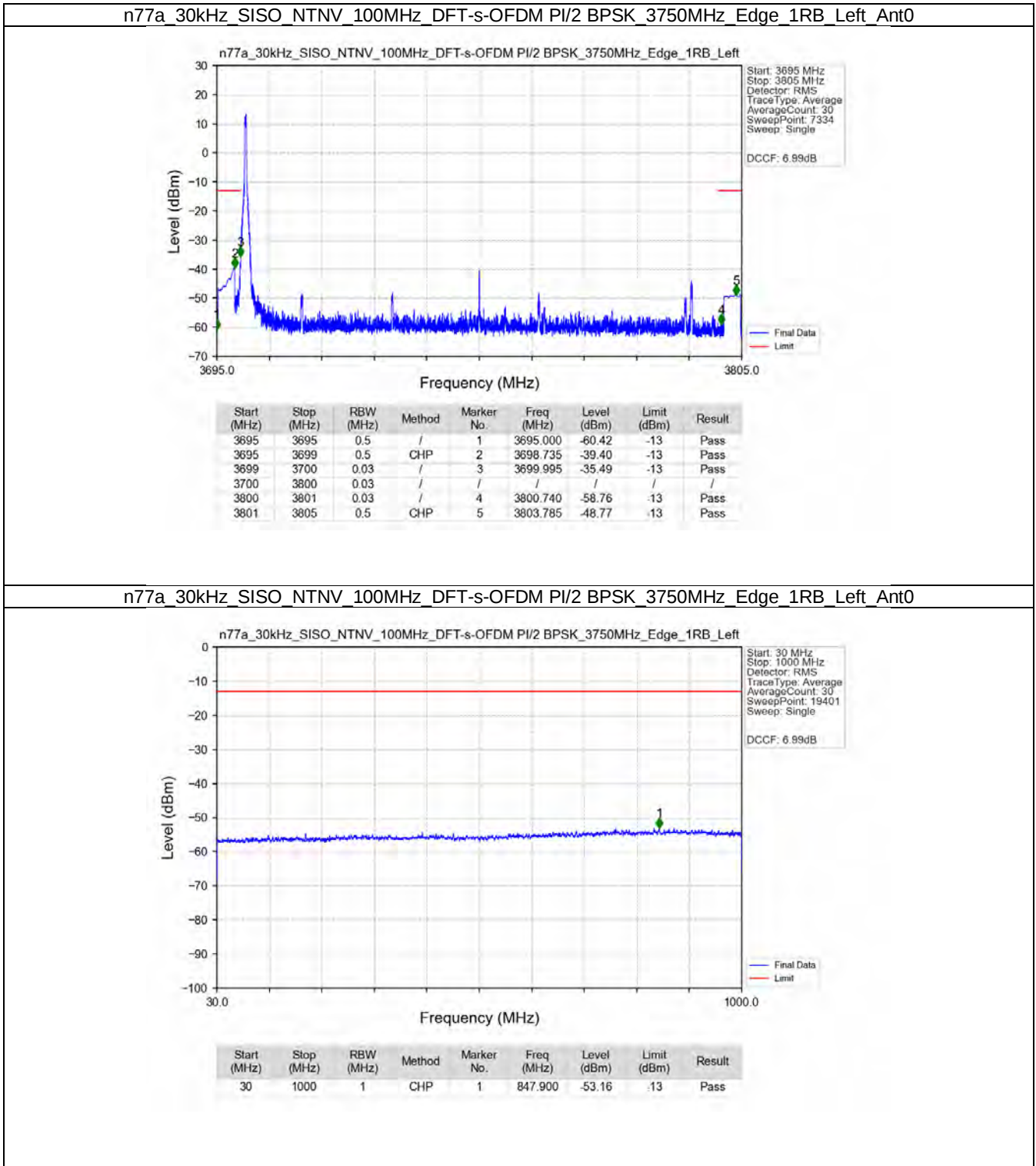
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3924.99	1	/	1	3918.500	-41.91	-13	Pass
3924.99	3984.99	1	/	/	/	/	/	/
3984.99	39800	1	/	2	39518.500	-31.42	-13	Pass

n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3954.99MHz_Outer_Full_Ant0

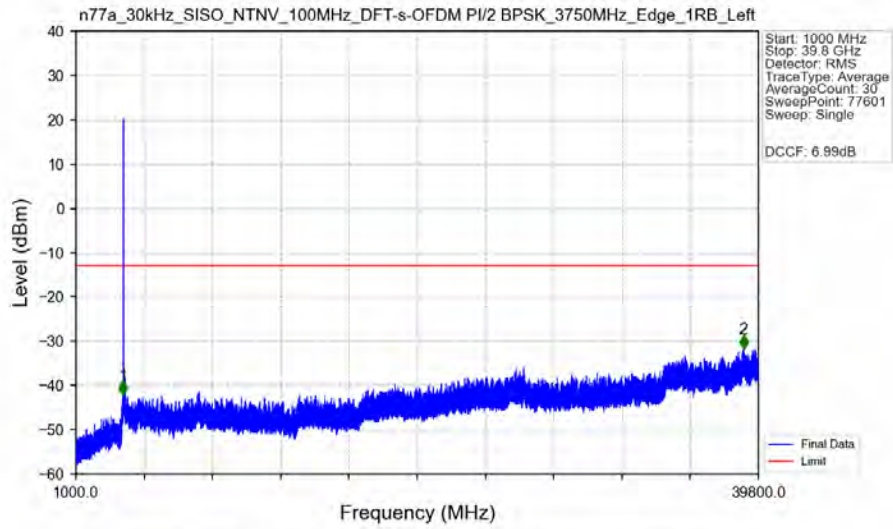


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3924.99	3924.99	0.5	/	1	3924.990	-40.48	-13	Pass
3924.99	3928.99	0.5	CHP	2	3927.450	-36.81	-13	Pass
3928.99	3929.99	0.35	CHP	3	3929.970	-35.24	-13	Pass
3929.99	3979.99	0.35	CHP	/	/	/	/	/
3979.99	3980.99	0.35	CHP	4	3980.970	-34.23	-13	Pass
3980.99	3984.99	0.5	CHP	5	3982.770	-33.58	-13	Pass

5.2.3 30k_SISO_100MHz_NTNV

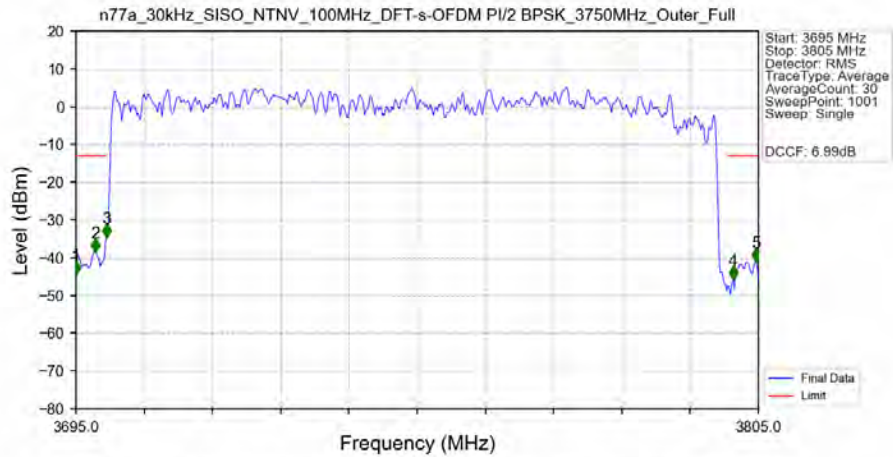


n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_3750MHz_Edge_1RB_Left_Ant0



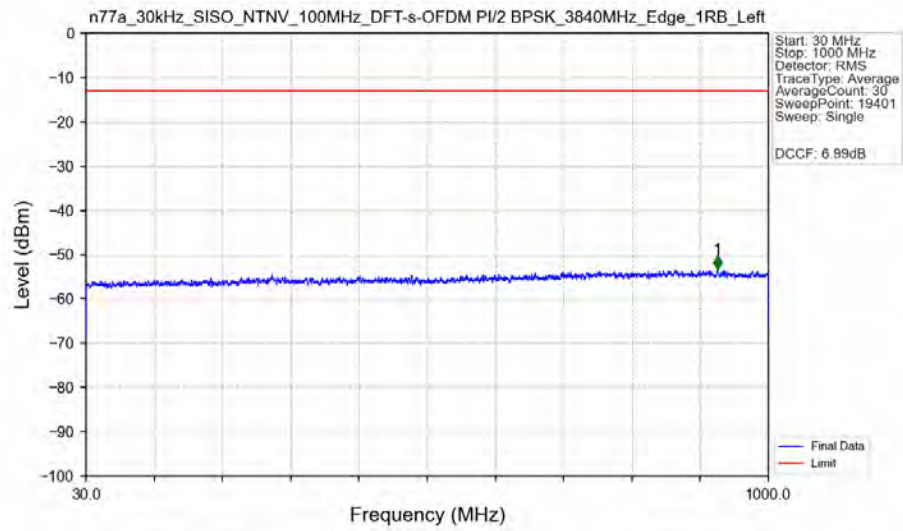
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3672.500	-42.05	-13	Pass
3695	3805	1	/	/	/	/	/	/
3805	39800	1	/	2	38958.500	-31.74	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_3750MHz_Outer_Full_Ant0

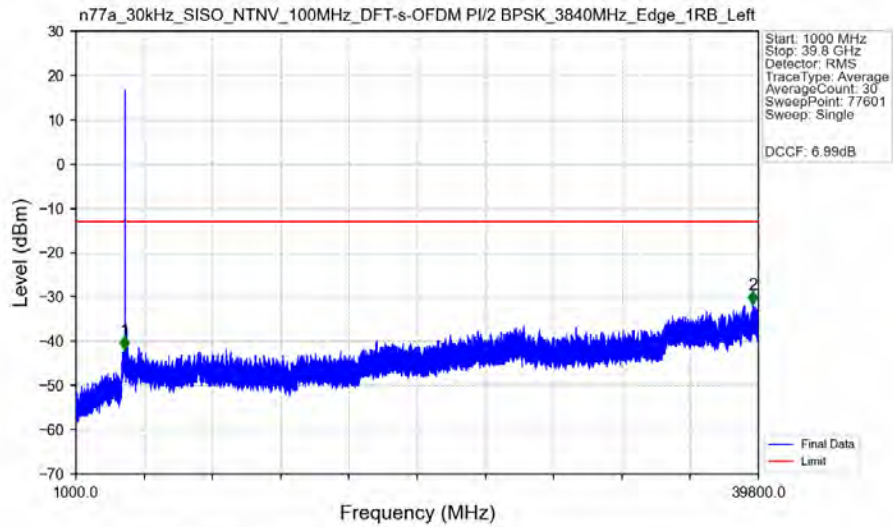


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-44.20	-13	Pass
3695	3699	0.5	CHP	2	3698.080	-38.24	-13	Pass
3699	3700	0.35	CHP	3	3699.950	-34.45	-13	Pass
3700	3800	0.35	CHP	/	/	/	/	/
3800	3801	0.35	CHP	4	3800.930	-45.54	-13	Pass
3801	3805	0.5	CHP	5	3804.560	-40.85	-13	Pass

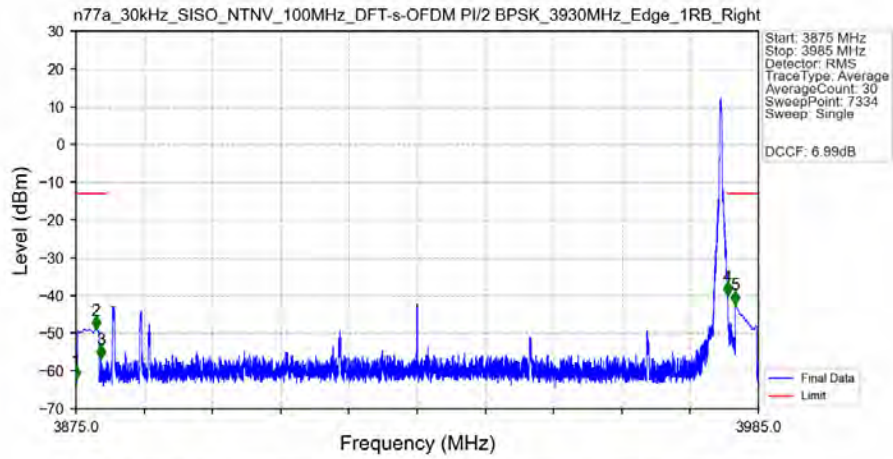
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 3840MHz Edge 1RB Left Ant0



n77a 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 3840MHz Edge 1RB Left Ant0

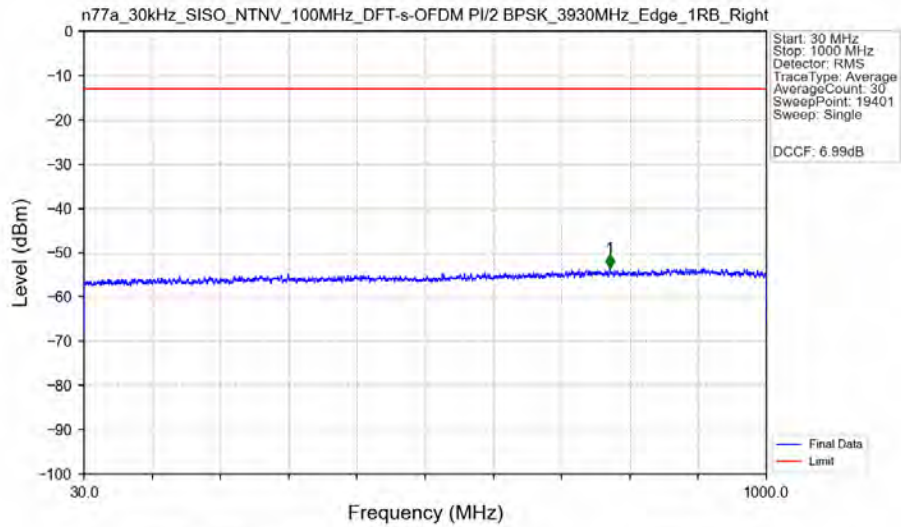


n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_3930MHz_Edge_1RB_Right_Ant0



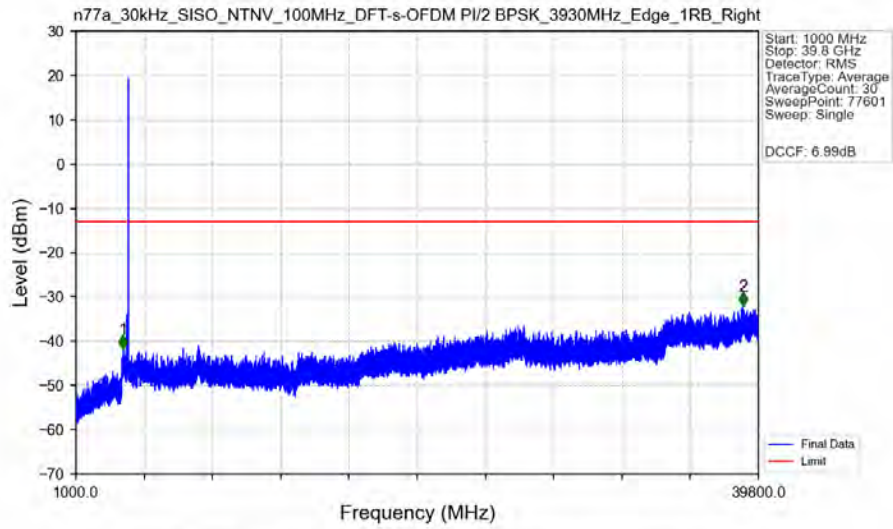
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3875	0.5	/	1	3875.000	-62.00	-13	Pass
3875	3879	0.5	CHP	2	3878.195	-48.75	-13	Pass
3879	3880	0.03	/	3	3879.005	-56.50	-13	Pass
3880	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	4	3980.065	-39.77	-13	Pass
3981	3985	0.5	CHP	5	3981.265	-42.03	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_3930MHz_Edge_1RB_Right_Ant0



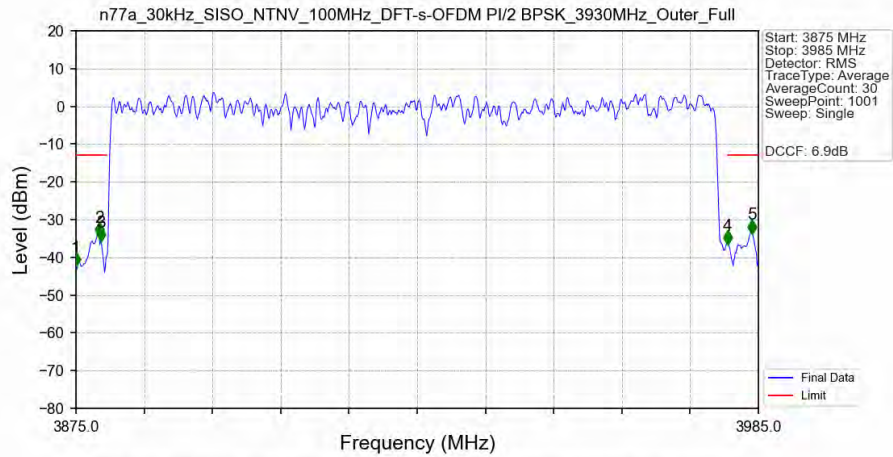
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	777.500	-53.43	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_3930MHz_Edge_1RB_Right_Ant0



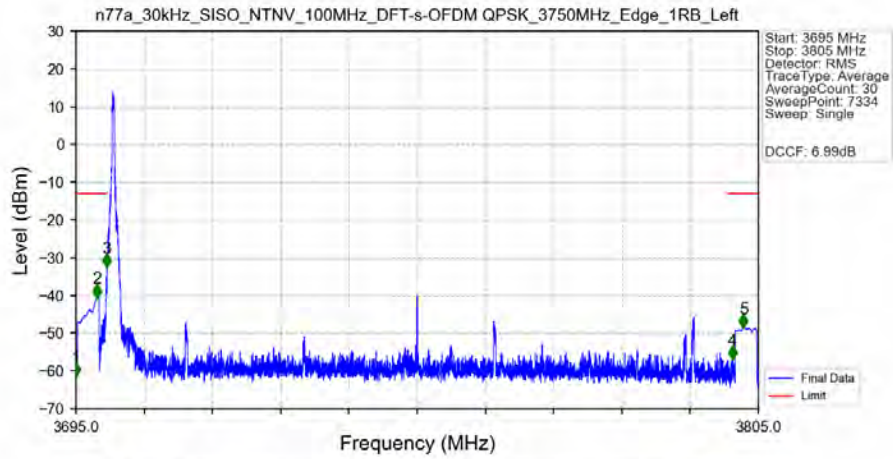
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3875	1	/	1	3677.500	-41.67	-13	Pass
3875	3985	1	/	/	/	/	/	/
3985	39800	1	/	2	38919.000	-32.10	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_3930MHz_Outer_Full_Ant0



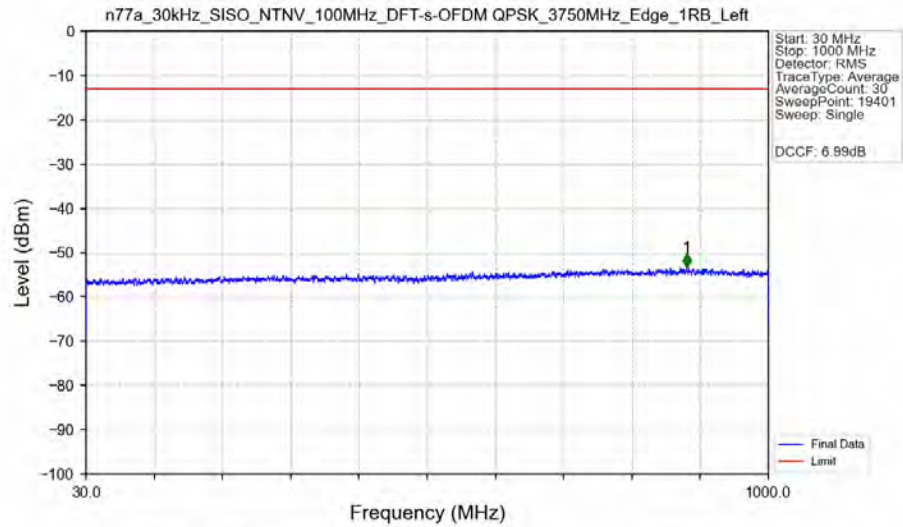
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3875	0.5	/	1	3875.000	-42.11	-13	Pass
3875	3879	0.5	CHP	2	3878.740	-34.18	-13	Pass
3879	3880	0.35	CHP	3	3879.070	-35.51	-13	Pass
3880	3980	0.35	CHP	/	/	/	/	/
3980	3981	0.35	CHP	4	3980.050	-36.26	-13	Pass
3981	3985	0.5	CHP	5	3983.900	-33.41	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant0



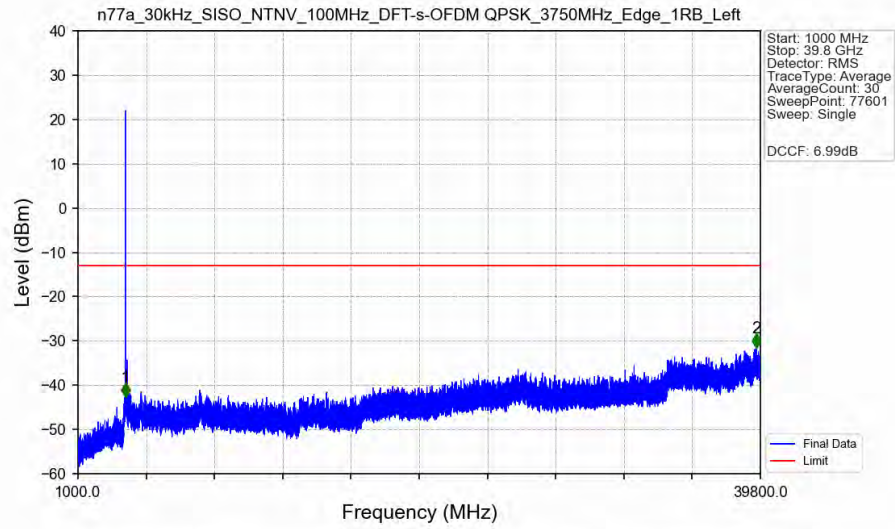
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-61.21	-13	Pass
3695	3699	0.5	CHP	2	3698.435	-40.34	-13	Pass
3699	3700	0.03	/	3	3699.995	-32.27	-13	Pass
3700	3800	0.03	/	/	/	/	/	/
3800	3801	0.03	/	4	3800.815	-56.63	-13	Pass
3801	3805	0.5	CHP	5	3802.585	-48.28	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant0



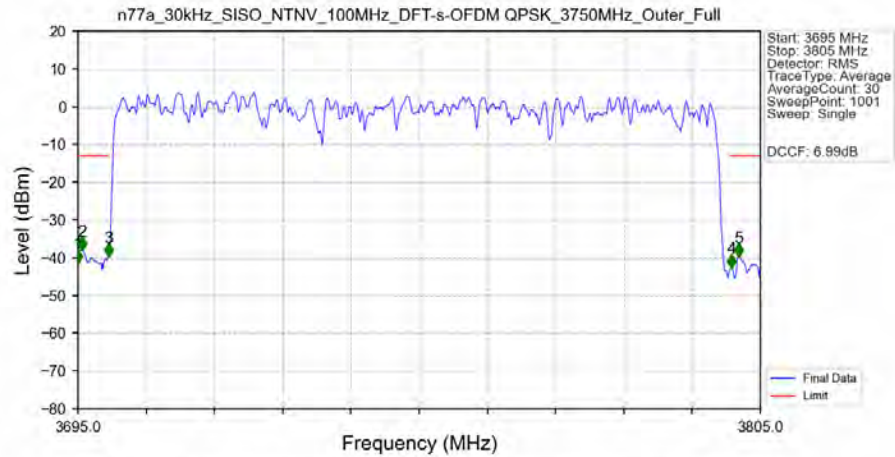
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	883.700	-53.39	-13	Pass

n77a 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 3750MHz Edge 1RB Left Ant0



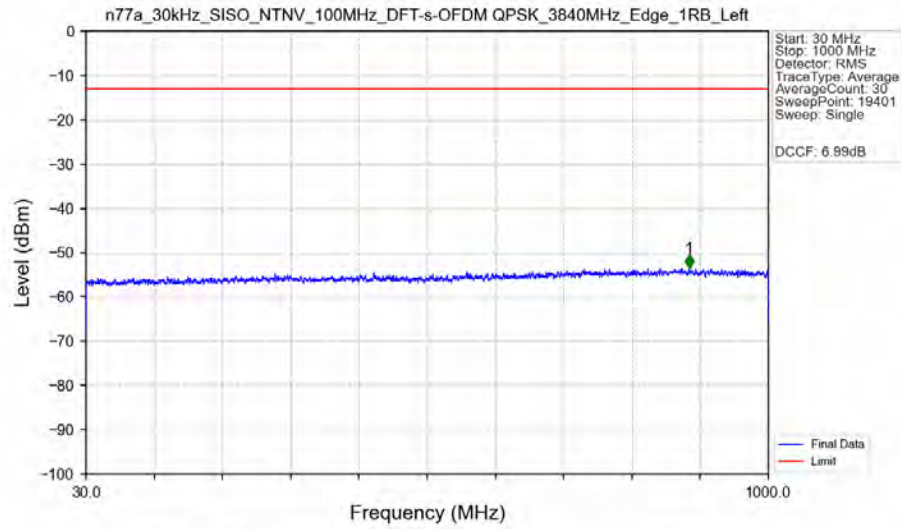
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3693.000	-42.66	-13	Pass
3695	3805	1	/	/	/	/	/	/
3805	39800	1	/	2	39586.000	-31.55	-13	Pass

n77a 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 3750MHz Outer_Full Ant0

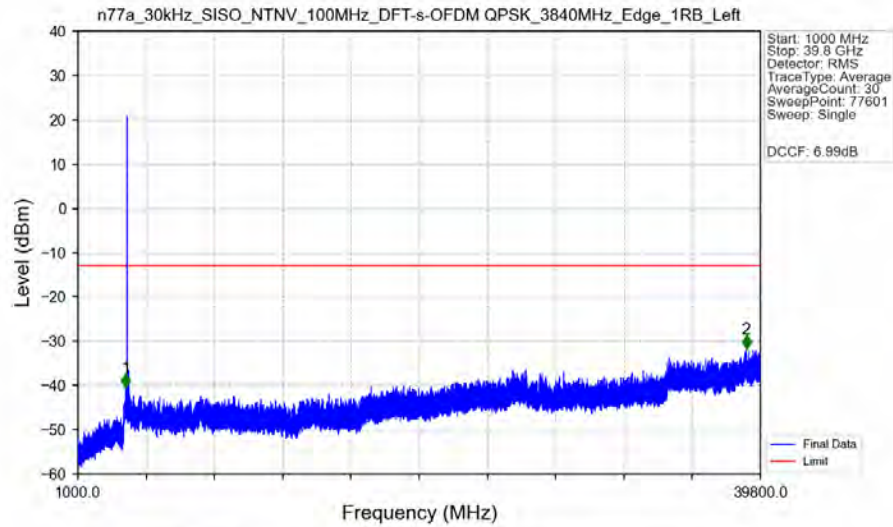


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-41.11	-13	Pass
3695	3699	0.5	CHP	2	3695.660	-37.79	-13	Pass
3699	3700	0.35	CHP	3	3699.950	-39.45	-13	Pass
3700	3800	0.35	CHP	/	/	/	/	/
3800	3801	0.35	CHP	4	3800.380	-42.40	-13	Pass
3801	3805	0.5	CHP	5	3801.480	-39.52	-13	Pass

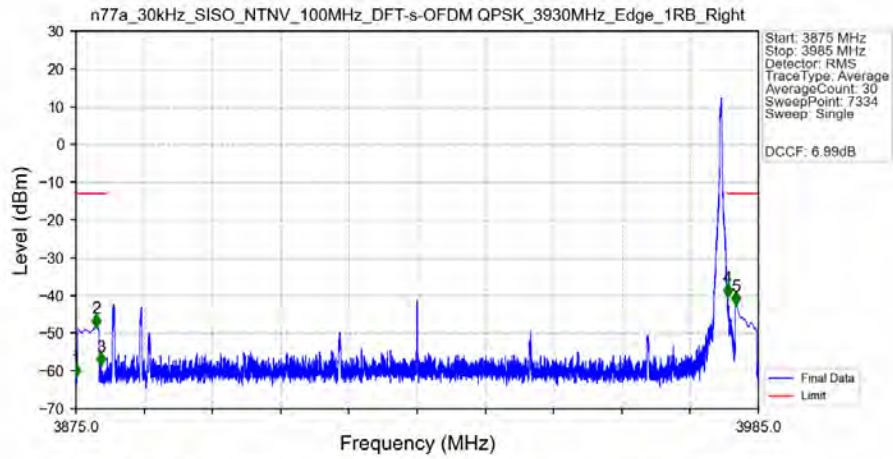
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant0



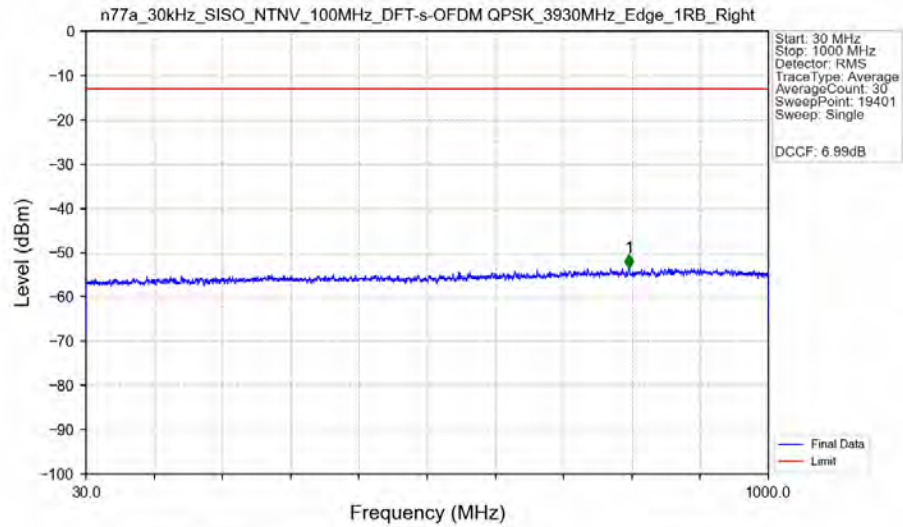
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant0



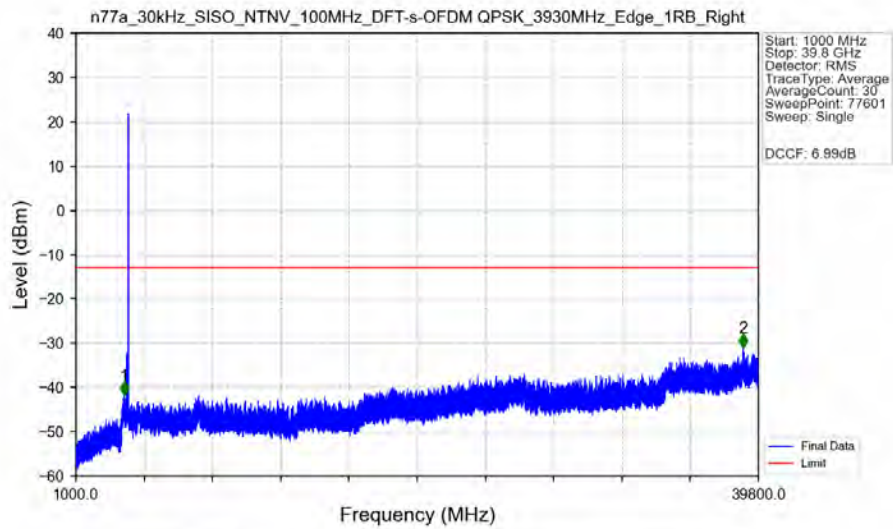
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3930MHz_Edge_1RB_Right_Ant0



n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3930MHz_Edge_1RB_Right_Ant0

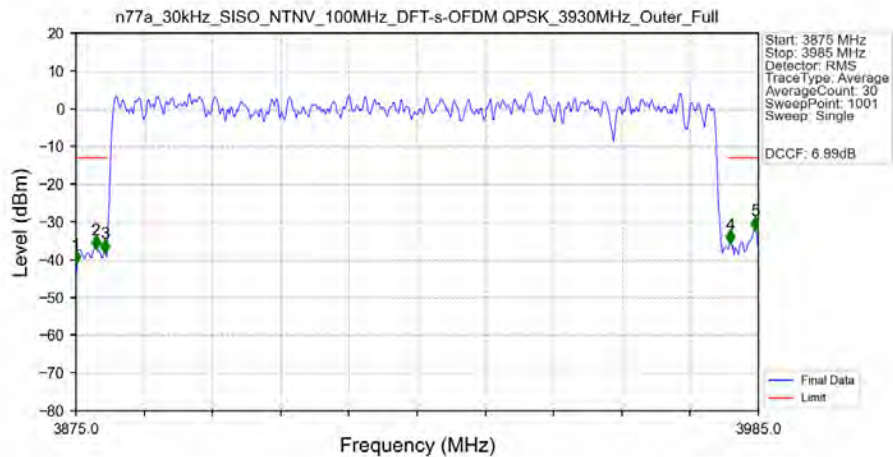


n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3930MHz_Edge_1RB_Right_Ant0



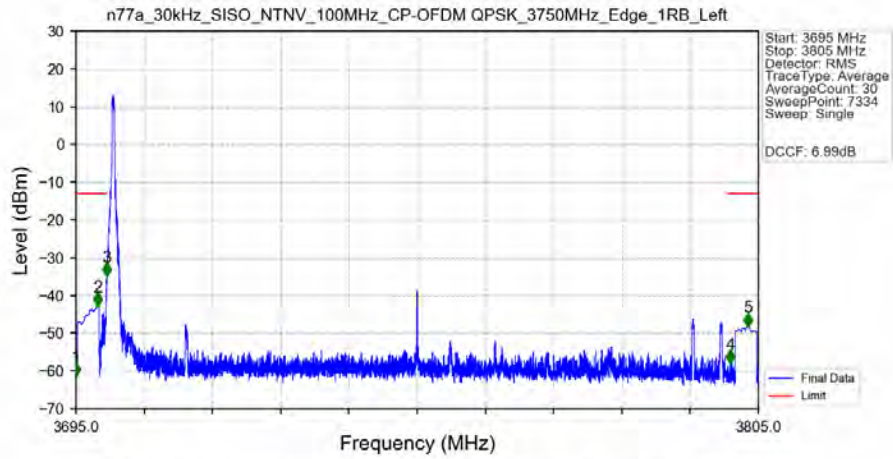
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3875	1	/	1	3737.000	-41.78	-13	Pass
3875	3985	1	/	/	/	/	/	/
3985	39800	1	/	2	38936.500	-31.06	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3930MHz_Outer_Full_Ant0



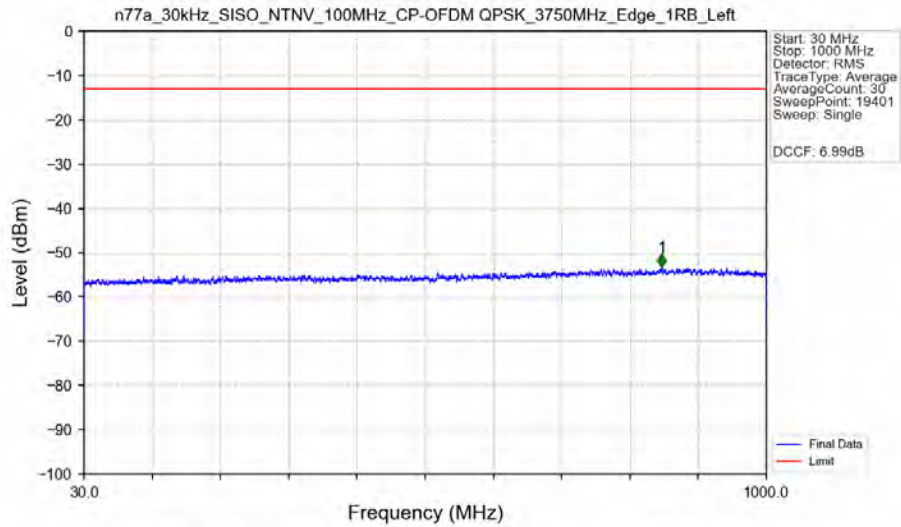
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3875	0.5	/	1	3875.000	-40.82	-13	Pass
3875	3879	0.5	CHP	2	3878.190	-36.89	-13	Pass
3879	3880	0.35	CHP	3	3879.620	-37.91	-13	Pass
3880	3980	0.35	CHP	/	/	/	/	/
3980	3981	0.35	CHP	4	3980.490	-35.47	-13	Pass
3981	3985	0.5	CHP	5	3984.450	-31.91	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant0



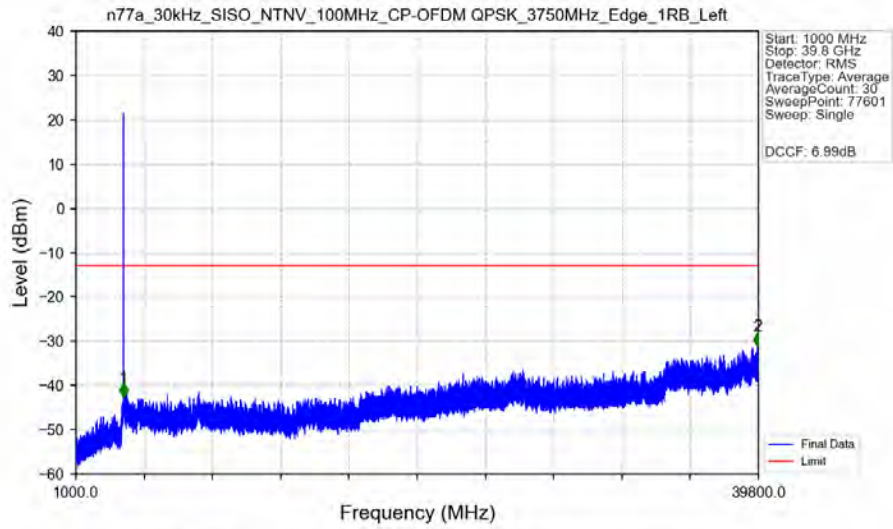
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-61.04	-13	Pass
3695	3699	0.5	CHP	2	3698.540	-42.62	-13	Pass
3699	3700	0.03	/	3	3699.995	-34.62	-13	Pass
3700	3800	0.03	/	/	/	/	/	/
3800	3801	0.03	/	4	3800.470	-57.79	-13	Pass
3801	3805	0.5	CHP	5	3803.350	-47.99	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant0



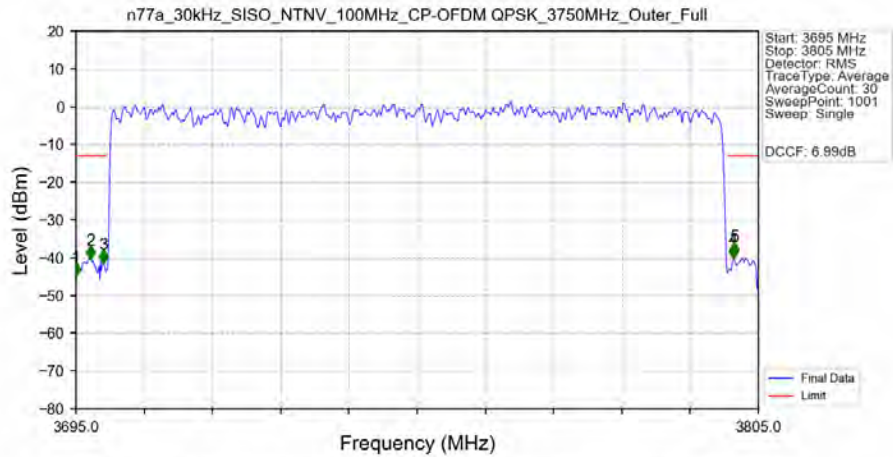
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	851.400	-53.24	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Edge_1RB_Left Ant0



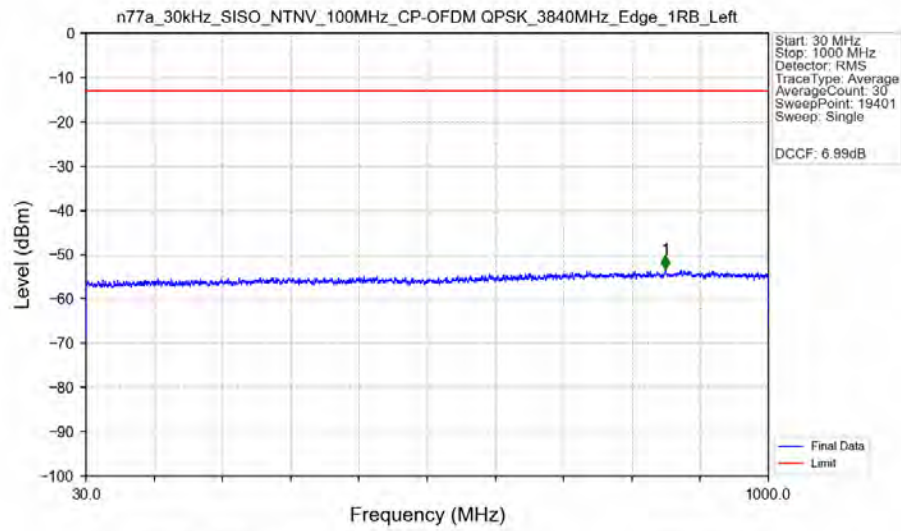
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3693.500	-42.66	-13	Pass
3695	3805	1	/	/	/	/	/	/
3805	39800	1	/	2	39746.000	-31.07	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Outer_Full Ant0

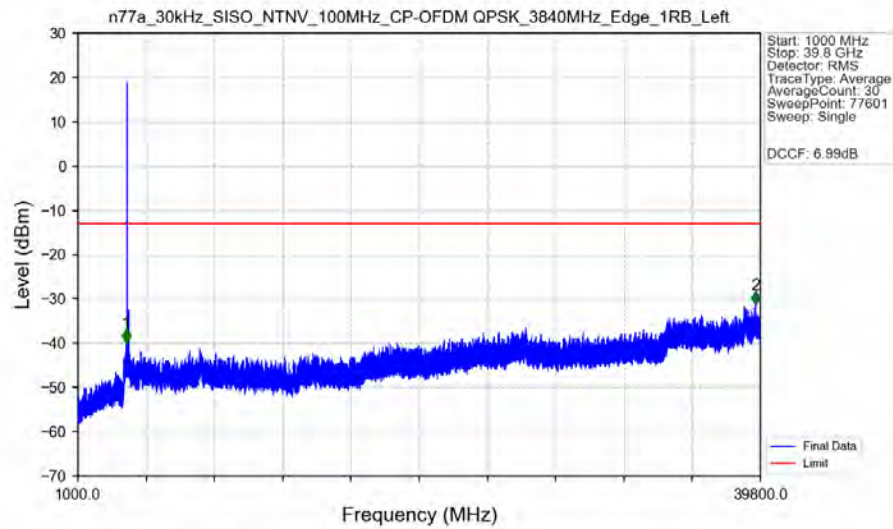


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-44.68	-13	Pass
3695	3699	0.5	CHP	2	3697.310	-40.17	-13	Pass
3699	3700	0.35	CHP	3	3699.400	-41.22	-13	Pass
3700	3800	0.35	CHP	/	/	/	/	/
3800	3801	0.35	CHP	4	3800.930	-39.88	-13	Pass
3801	3805	0.5	CHP	5	3801.040	-39.19	-13	Pass

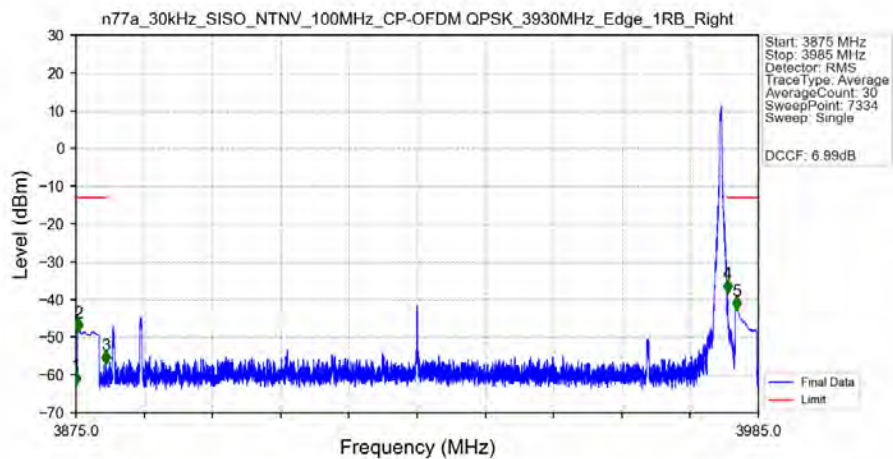
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant0



n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant0

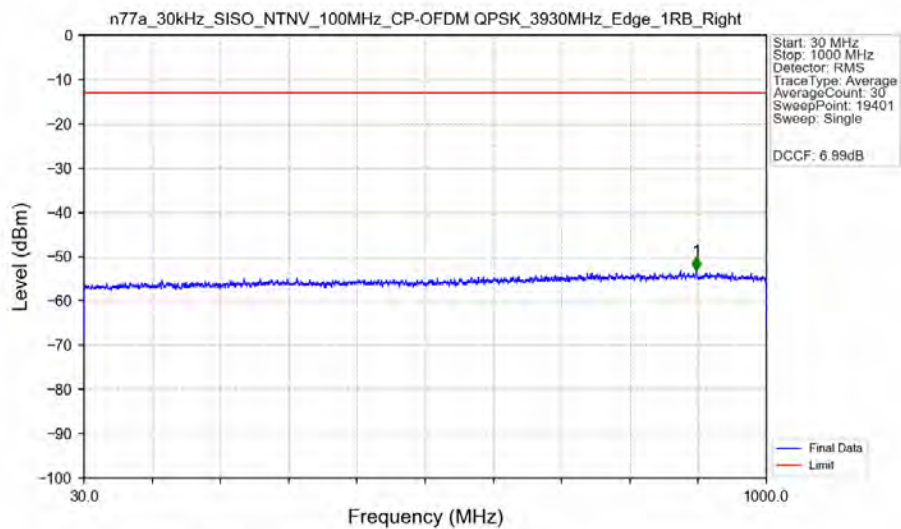


n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3930MHz_Edge_1RB_Right_Ant0



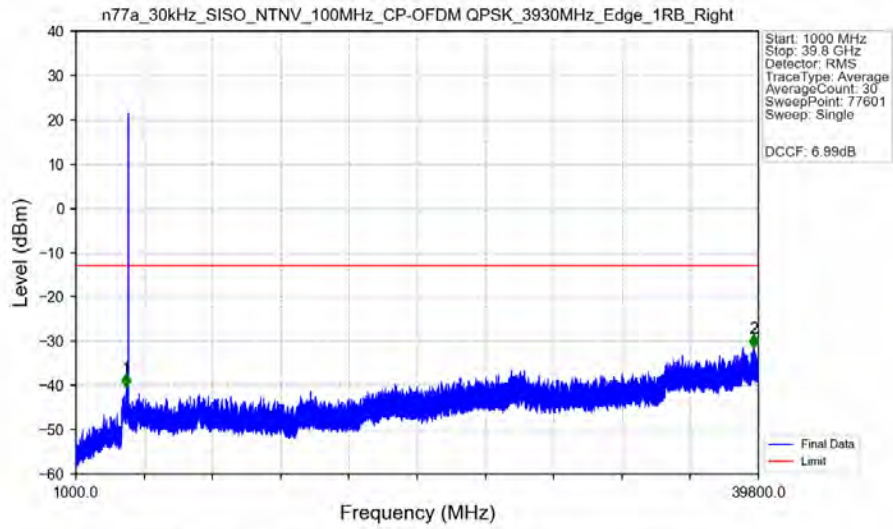
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3875	0.5	/	1	3875.000	-62.30	-13	Pass
3875	3879	0.5	CHP	2	3875.405	-48.29	-13	Pass
3879	3880	0.03	/	3	3879.815	-56.86	-13	Pass
3880	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	4	3980.005	-37.94	-13	Pass
3981	3985	0.5	CHP	5	3981.475	-42.48	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3930MHz_Edge_1RB_Right_Ant0



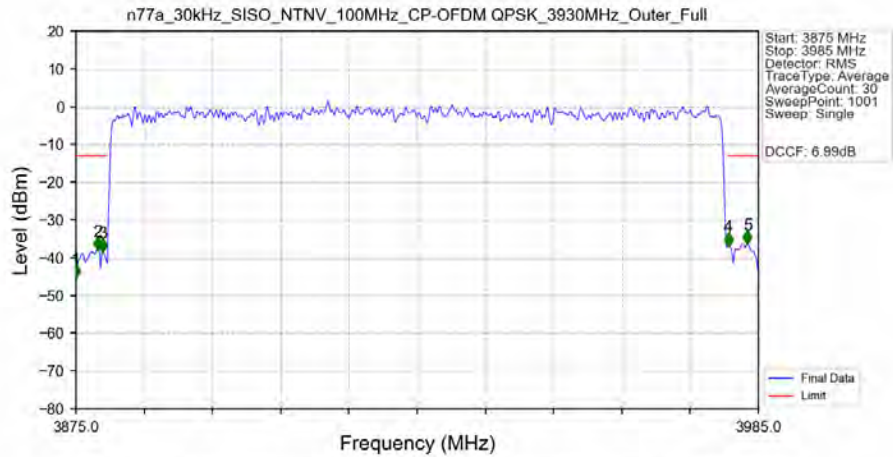
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	900.550	-53.10	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3930MHz_Edge_1RB_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3875	1	/	1	3863.000	-40.53	-13	Pass
3875	3985	1	/	/	/	/	/	/
3985	39800	1	/	2	39521.000	-31.49	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3930MHz_Outer_Full_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3875	0.5	/	1	3875.000	-45.10	-13	Pass
3875	3879	0.5	CHP	2	3878.520	-37.80	-13	Pass
3879	3880	0.35	CHP	3	3879.290	-38.24	-13	Pass
3880	3980	0.35	CHP	/	/	/	/	/
3980	3981	0.35	CHP	4	3980.160	-36.62	-13	Pass
3981	3985	0.5	CHP	5	3983.240	-36.09	-13	Pass

6. Field Strength of Spurious Radiation

NR N77b(3700-3980MHz)-FCC-Low channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7410.0	-59.3	-13	-46.3	-65.99	4.94	11.63	Horizontal	Pass
11115.0	-55.38	-13	-42.38	-62.83	5.81	13.26	Horizontal	Pass
14820.0	-52.7	-13	-39.7	-60.26	6.92	14.48	Horizontal	Pass
7410.0	-58.14	-13	-45.14	-64.83	4.94	11.63	Vertical	Pass
11115.0	-48.84	-13	-35.84	-56.29	5.81	13.26	Vertical	Pass
14820.0	-55.25	-13	-42.25	-62.81	6.92	14.48	Vertical	Pass

NR N77b(3700-3980MHz)-FCC-Middle channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7590.0	-55.62	-13	-42.62	-62.52	4.95	11.85	Horizontal	Pass
11385.0	-56.34	-13	-43.34	-63.73	5.86	13.25	Horizontal	Pass
15180.0	-54.26	-13	-41.26	-61.59	7.09	14.42	Horizontal	Pass
7590.0	-56.91	-13	-43.91	-63.81	4.95	11.85	Vertical	Pass
11385.0	-56.2	-13	-43.2	-63.59	5.86	13.25	Vertical	Pass
15180.0	-54.46	-13	-41.46	-61.79	7.09	14.42	Vertical	Pass

NR N77b(3700-3980MHz)-FCC-High channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7770.0	-55.32	-13	-42.32	-62.42	4.96	12.06	Horizontal	Pass
11655.0	-48.19	-13	-35.19	-55.54	5.9	13.25	Horizontal	Pass
15540.0	-53.49	-13	-40.49	-60.59	7.12	14.22	Horizontal	Pass
7770.0	-59.26	-13	-46.26	-66.36	4.96	12.06	Vertical	Pass
11655.0	-49.2	-13	-36.2	-56.55	5.9	13.25	Vertical	Pass
15540.0	-53.66	-13	-40.66	-60.76	7.12	14.22	Vertical	Pass

NSA_2A_n77A 3700-3980-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7410.0	-60.05	-13	-47.05	-66.74	4.94	11.63	Horizontal	Pass
11115.0	-48.75	-13	-35.75	-56.2	5.81	13.26	Horizontal	Pass
14820.0	-54.81	-13	-41.81	-62.37	6.92	14.48	Horizontal	Pass
7410.0	-59.4	-13	-46.4	-66.09	4.94	11.63	Vertical	Pass
11115.0	-55.2	-13	-42.2	-62.65	5.81	13.26	Vertical	Pass
14820.0	-54.35	-13	-41.35	-61.91	6.92	14.48	Vertical	Pass

NSA_2A_n77A 3700-3980-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7590.0	-59.84	-13	-46.84	-66.74	4.95	11.85	Horizontal	Pass
11385.0	-55.64	-13	-42.64	-63.03	5.86	13.25	Horizontal	Pass
15180.0	-53.62	-13	-40.62	-60.95	7.09	14.42	Horizontal	Pass
7590.0	-60.12	-13	-47.12	-67.02	4.95	11.85	Vertical	Pass
11385.0	-55.76	-13	-42.76	-63.15	5.86	13.25	Vertical	Pass
15180.0	-53.95	-13	-40.95	-61.28	7.09	14.42	Vertical	Pass

NSA_2A_n77A 3700-3980-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7770.0	-59.13	-13	-46.13	-66.23	4.96	12.06	Horizontal	Pass
11655.0	-55.68	-13	-42.68	-63.03	5.9	13.25	Horizontal	Pass
15540.0	-53.64	-13	-40.64	-60.74	7.12	14.22	Horizontal	Pass
7770.0	-59.41	-13	-46.41	-66.51	4.96	12.06	Vertical	Pass
11655.0	-55.43	-13	-42.43	-62.78	5.9	13.25	Vertical	Pass
15540.0	-53.8	-13	-40.8	-60.9	7.12	14.22	Vertical	Pass