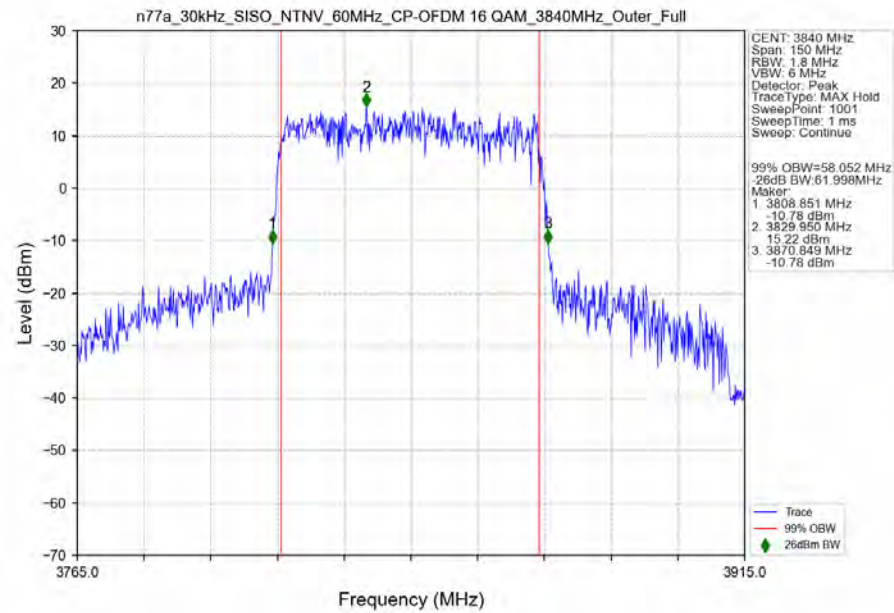
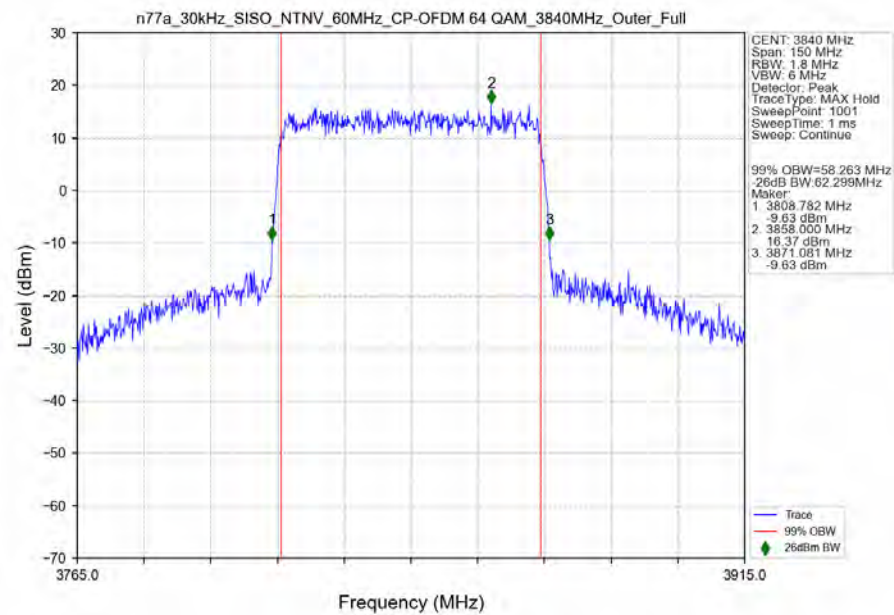


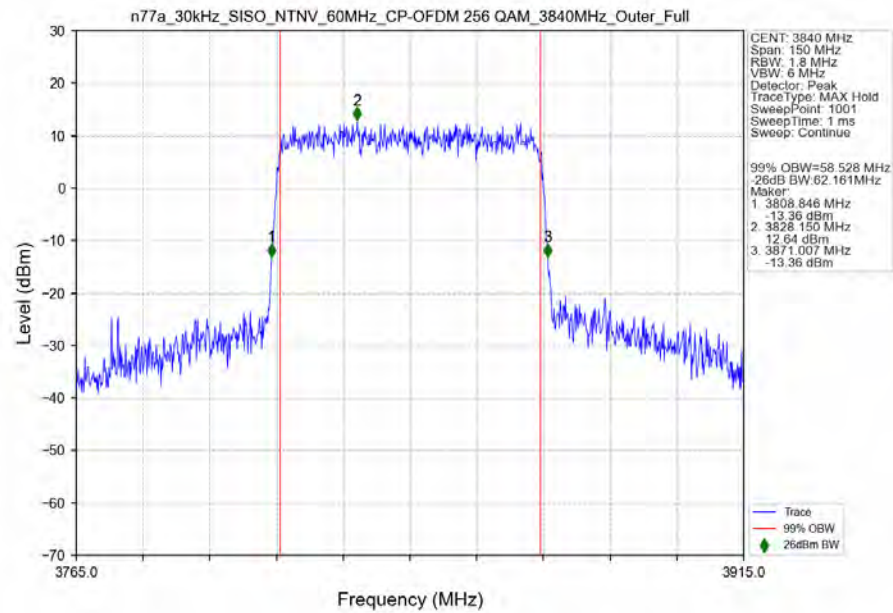
n77a 30kHz SISO NTN 60MHz CP-OFDM 16 QAM 3840MHz Outer Full Ant1



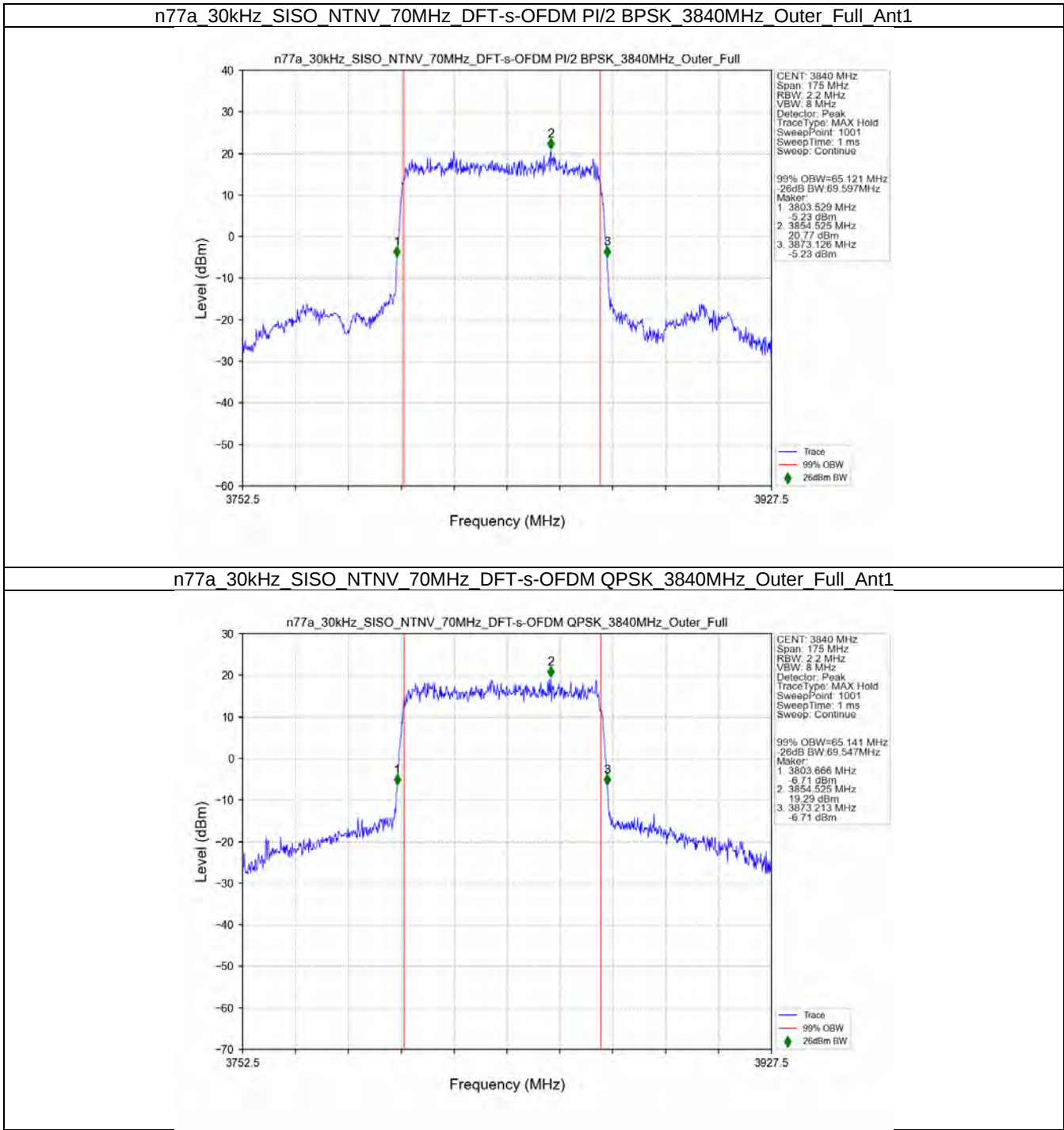
n77a 30kHz SISO NTN 60MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant1



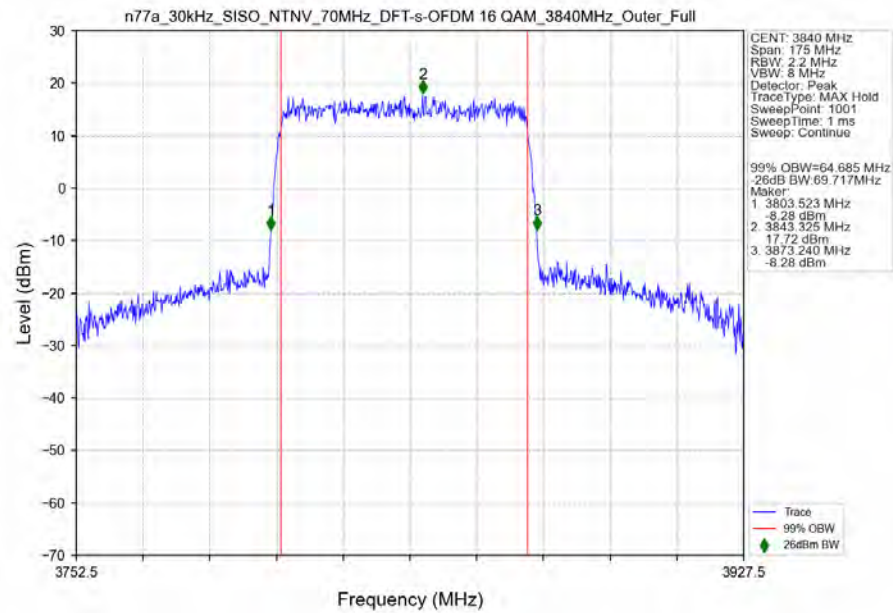
n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1



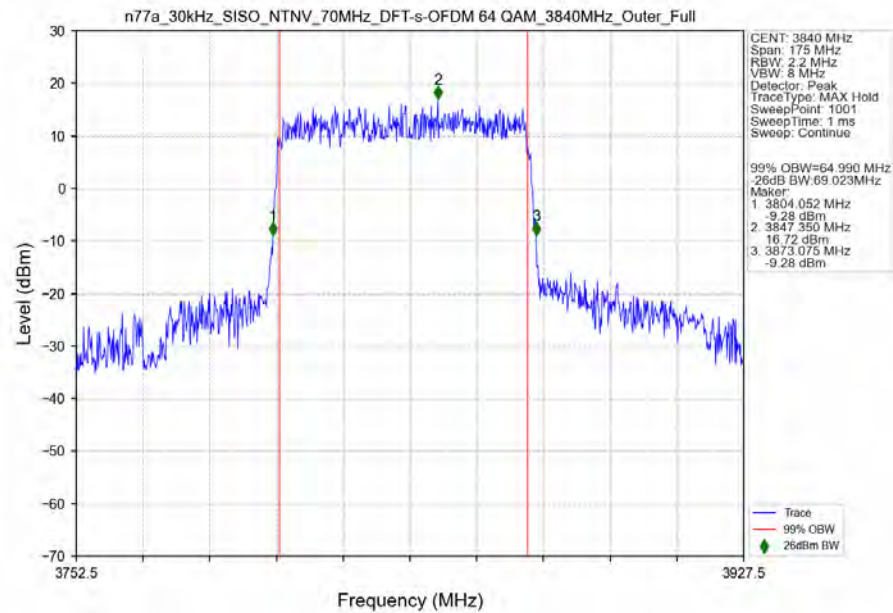
3.2.9 30k_SISO_70MHz_NTNV



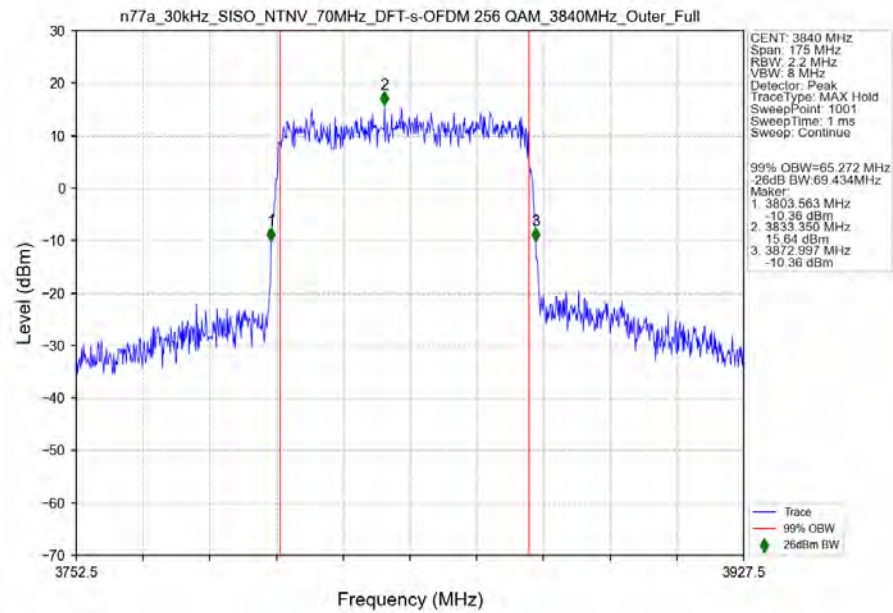
n77a 30kHz SISO NTN 70MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant1



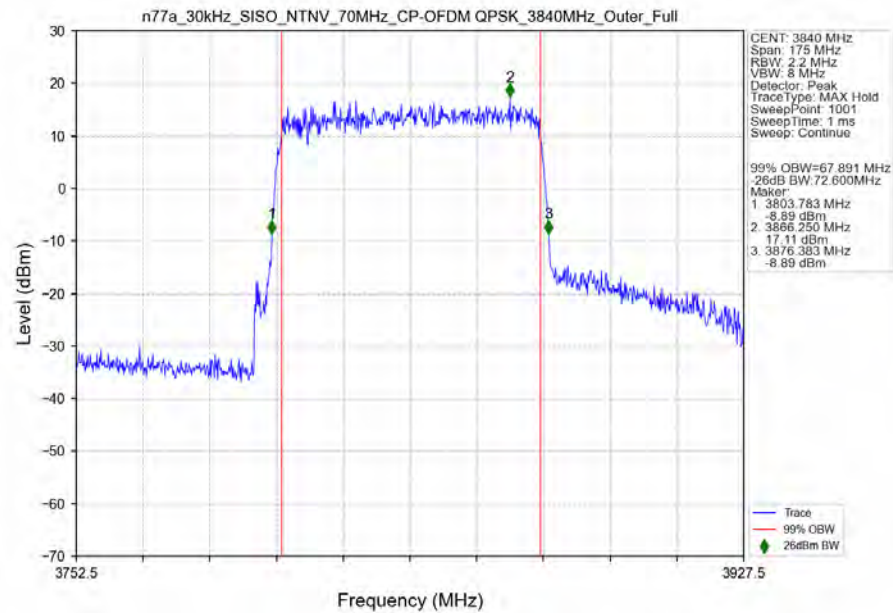
n77a 30kHz SISO NTN 70MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant1



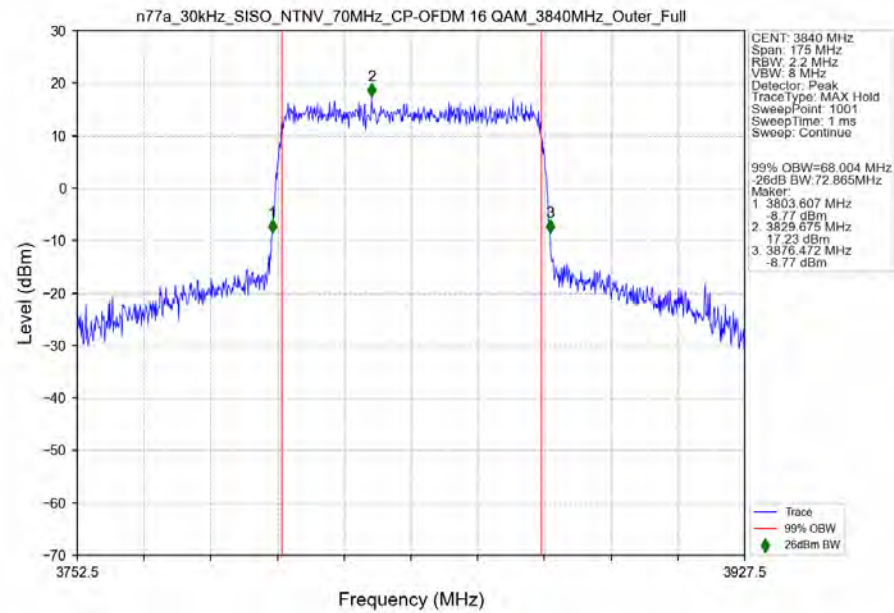
n77a 30kHz SISO NTN 70MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant1



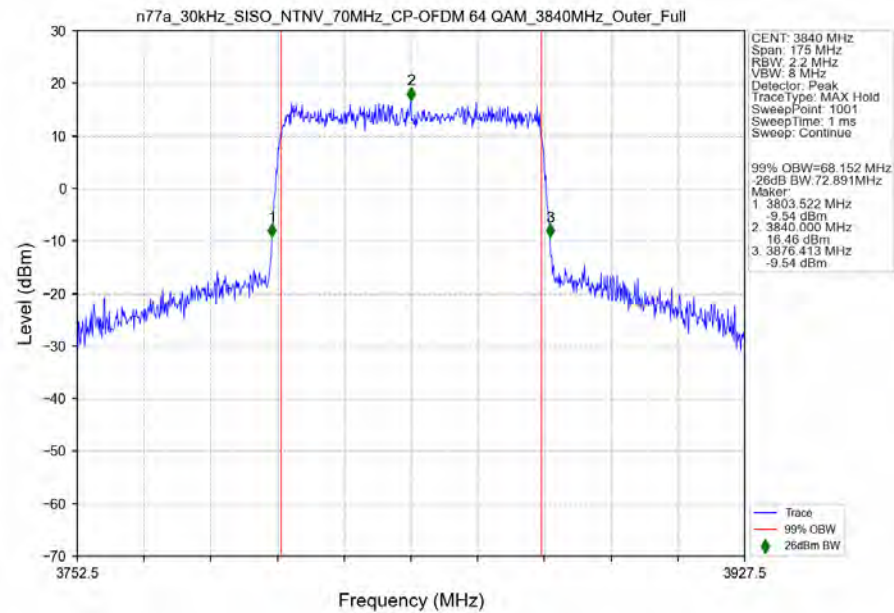
n77a 30kHz SISO NTN 70MHz CP-OFDM QPSK 3840MHz Outer Full Ant1



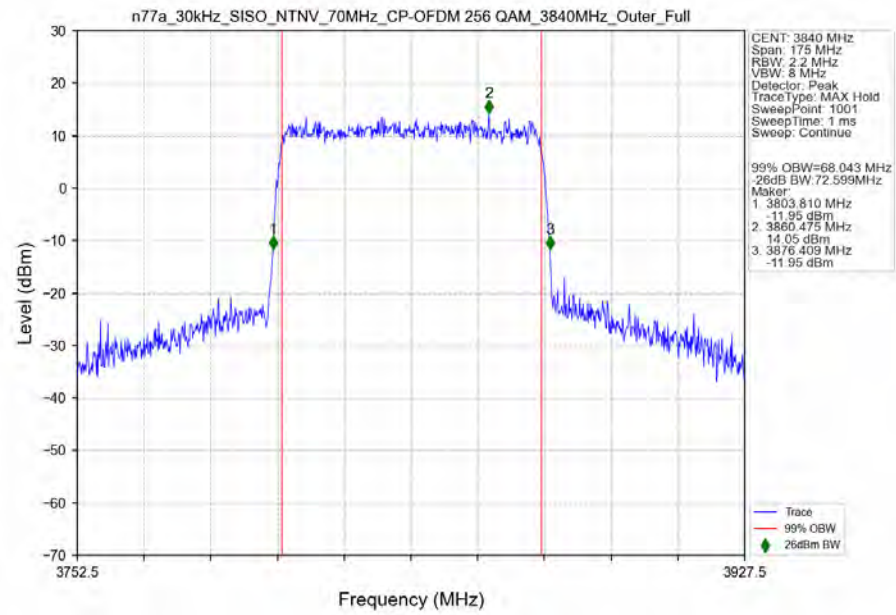
n77a 30kHz SISO NTN 70MHz CP-OFDM 16 QAM 3840MHz Outer Full Ant1



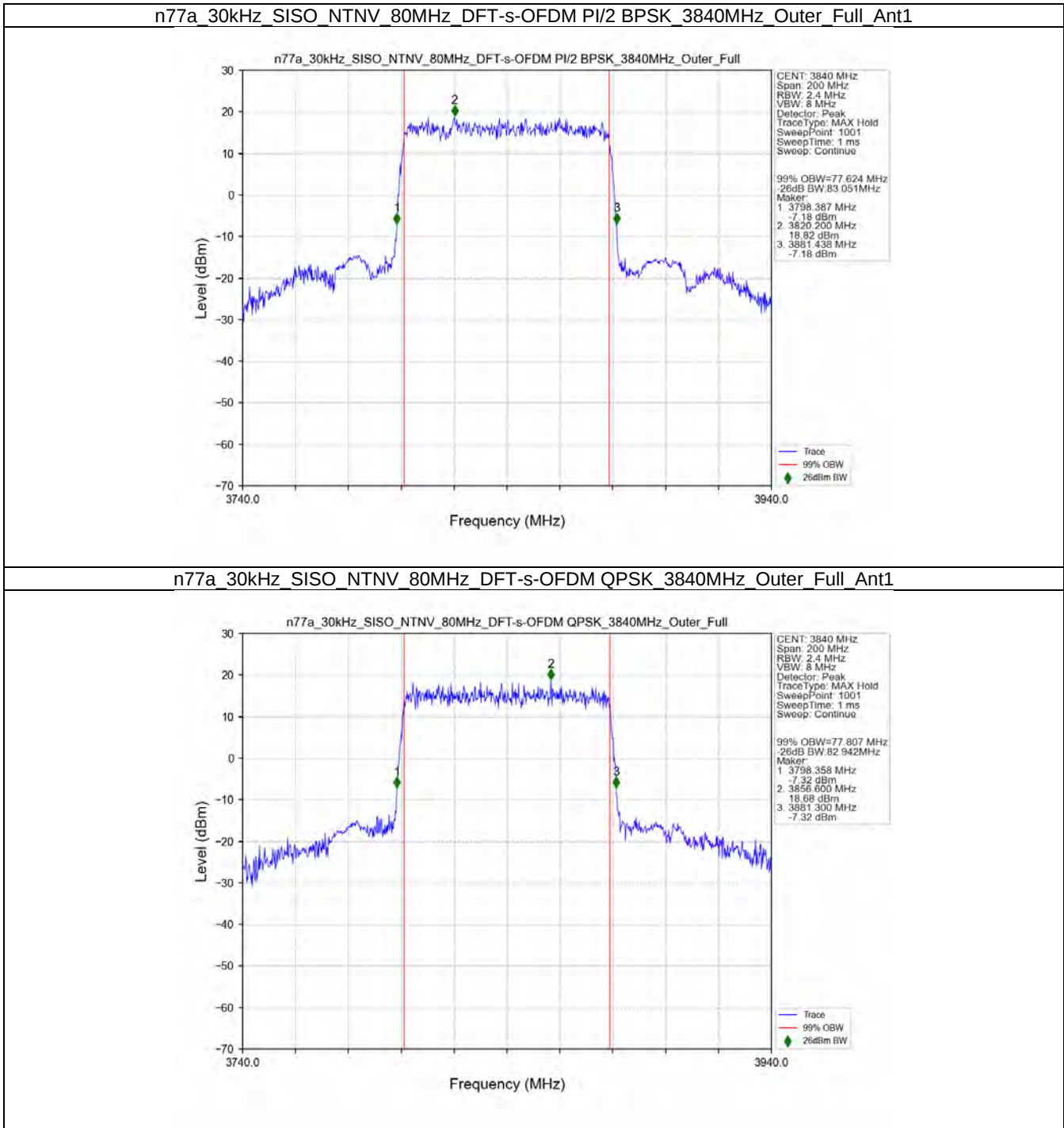
n77a 30kHz SISO NTN 70MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant1



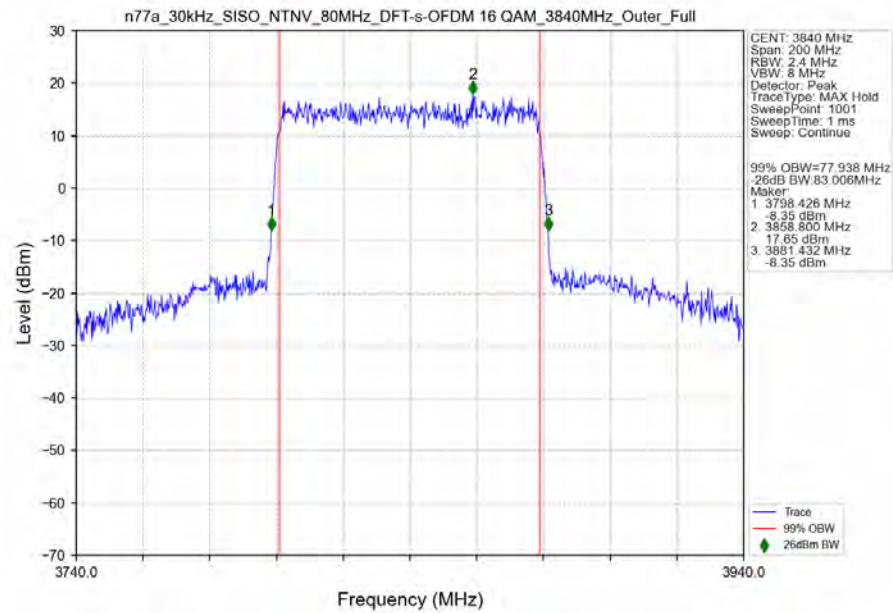
n77a_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1



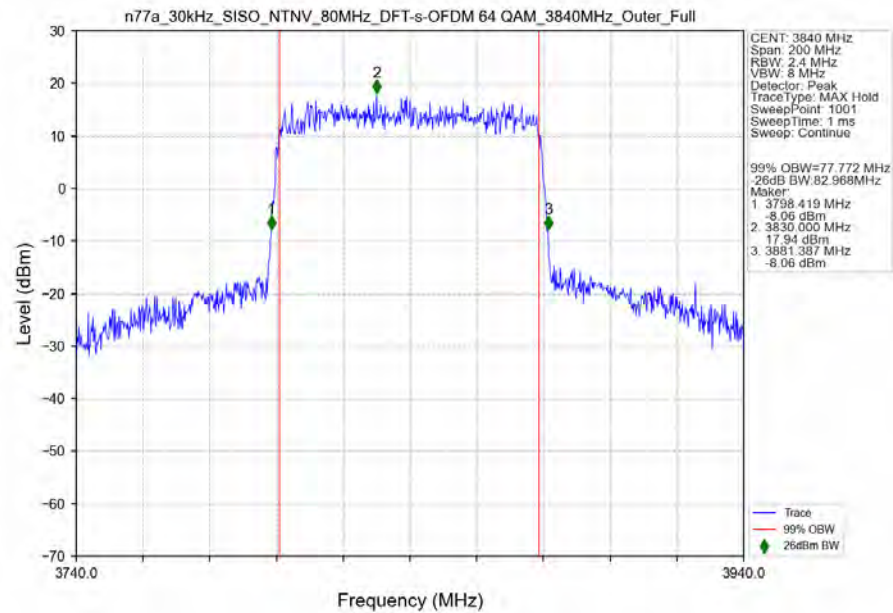
3.2.10 30k_SISO_80MHz_NTNV



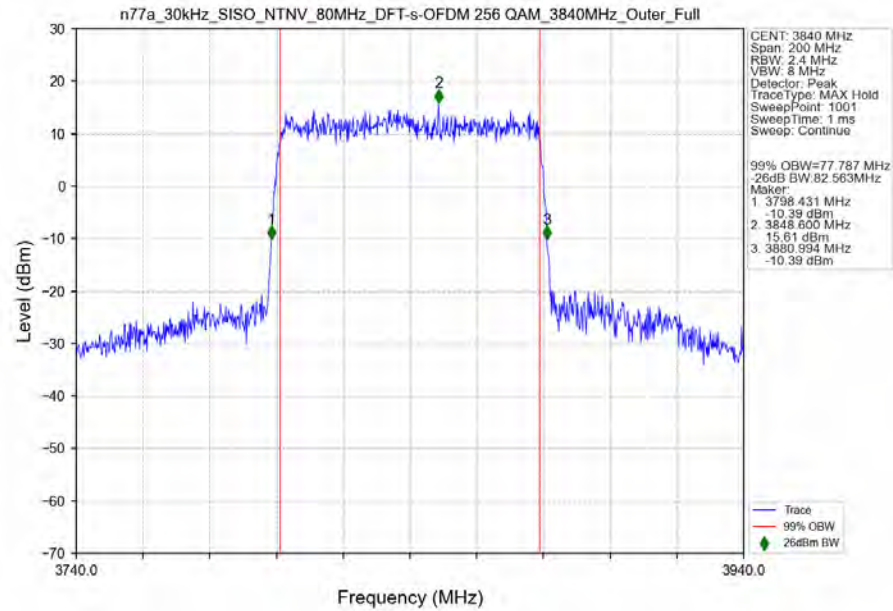
n77a 30kHz SISO NTN 80MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant1



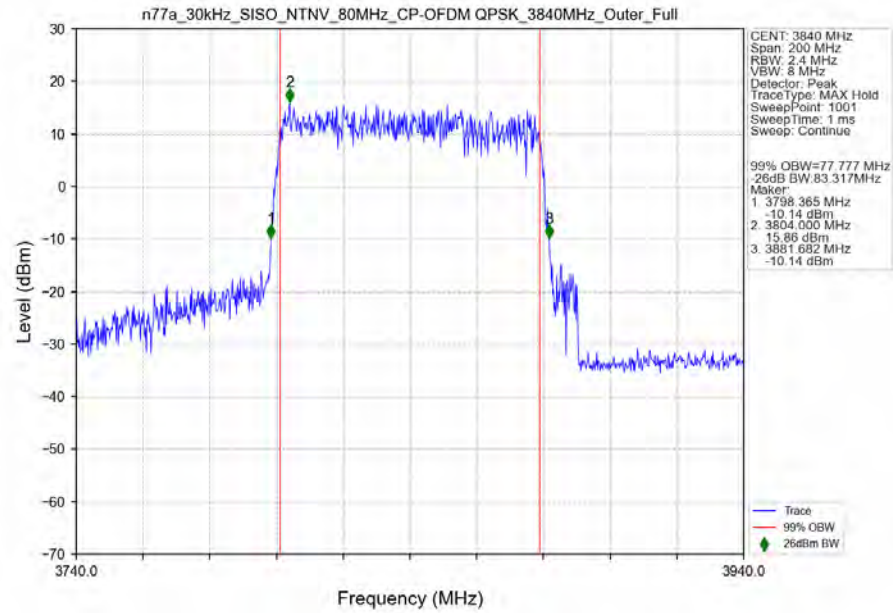
n77a 30kHz SISO NTN 80MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant1



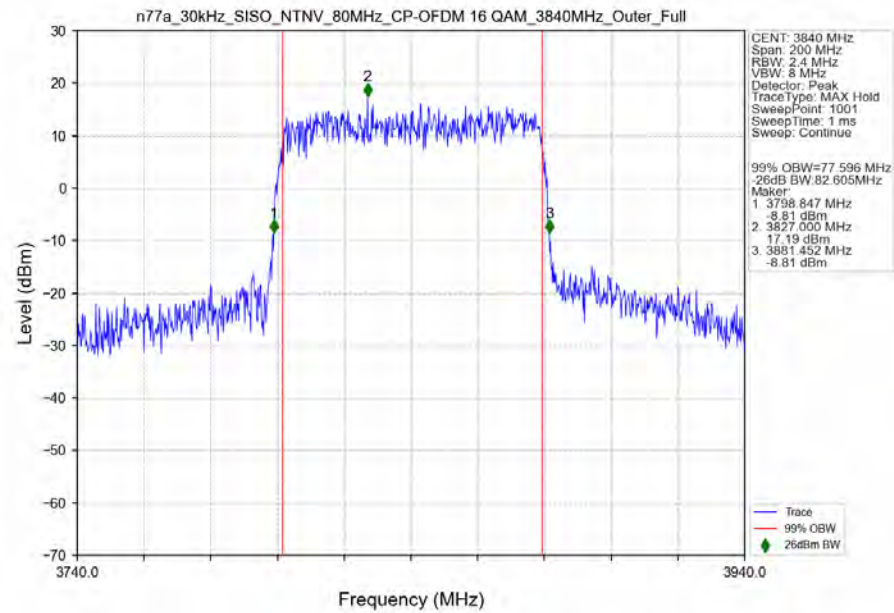
n77a 30kHz SISO NTN 80MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant1



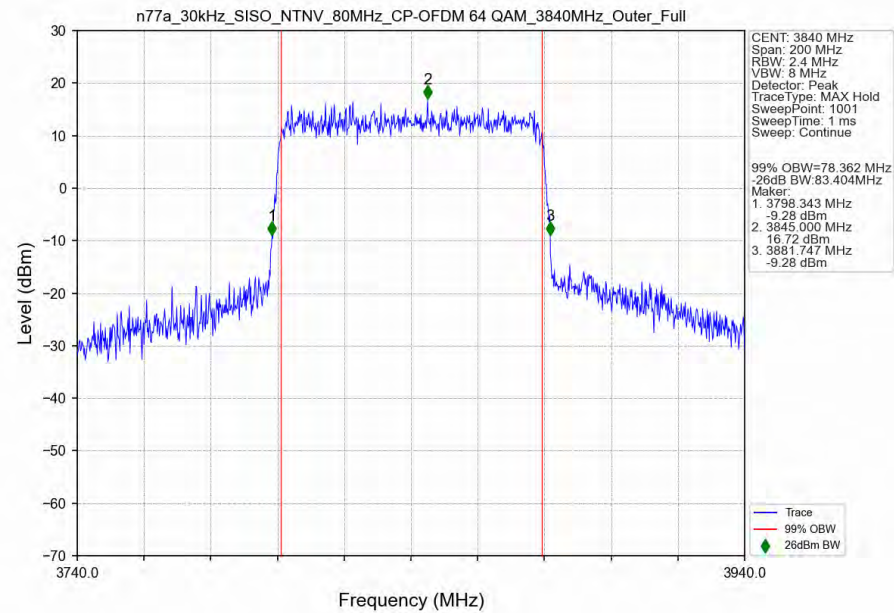
n77a 30kHz SISO NTN 80MHz CP-OFDM QPSK 3840MHz Outer Full Ant1



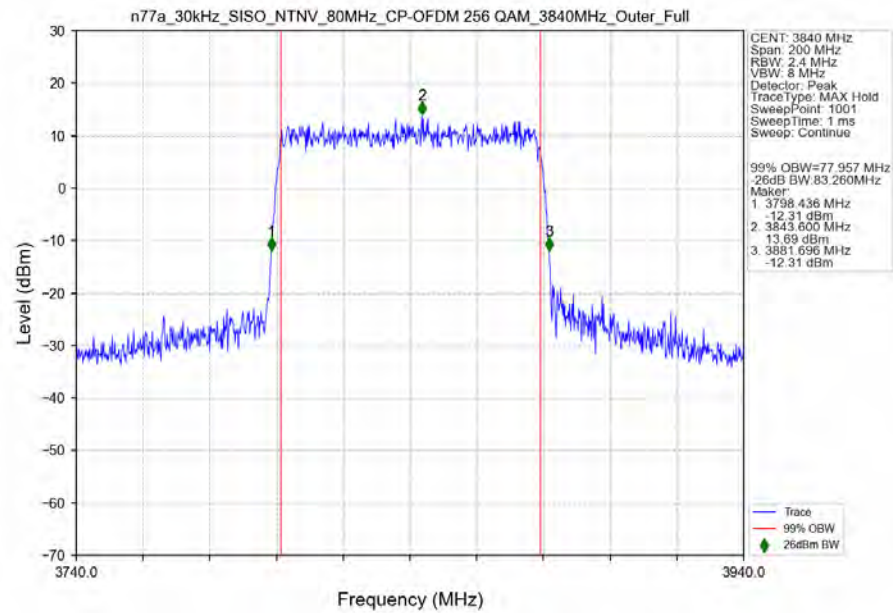
n77a 30kHz SISO NTN 80MHz CP-OFDM 16 QAM 3840MHz Outer Full Ant1



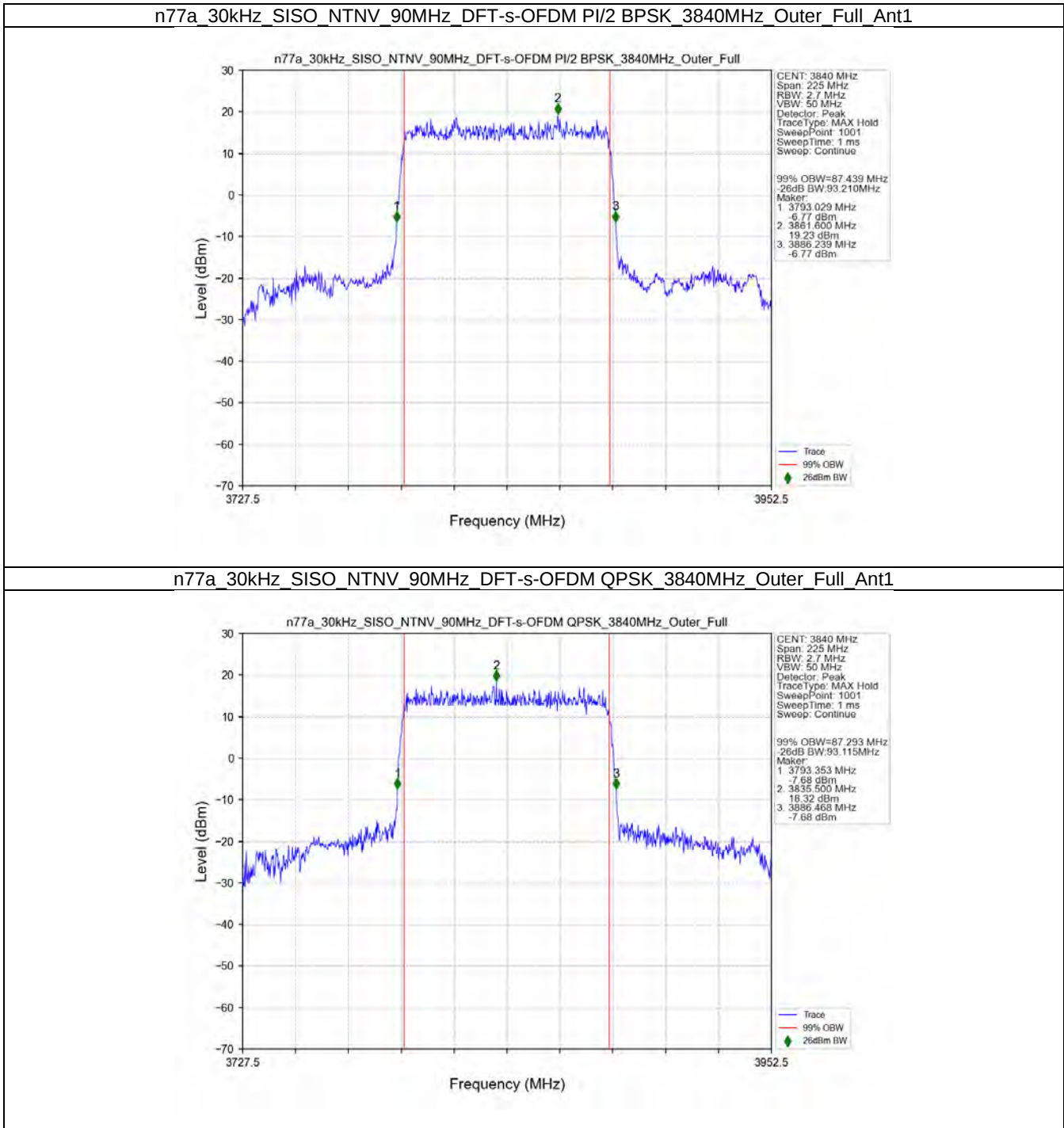
n77a 30kHz SISO NTN 80MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant1



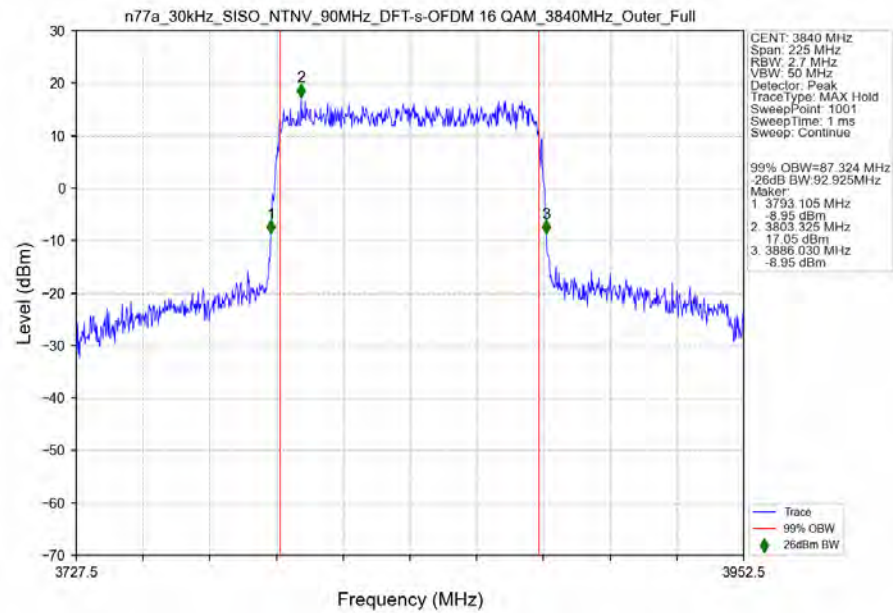
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1



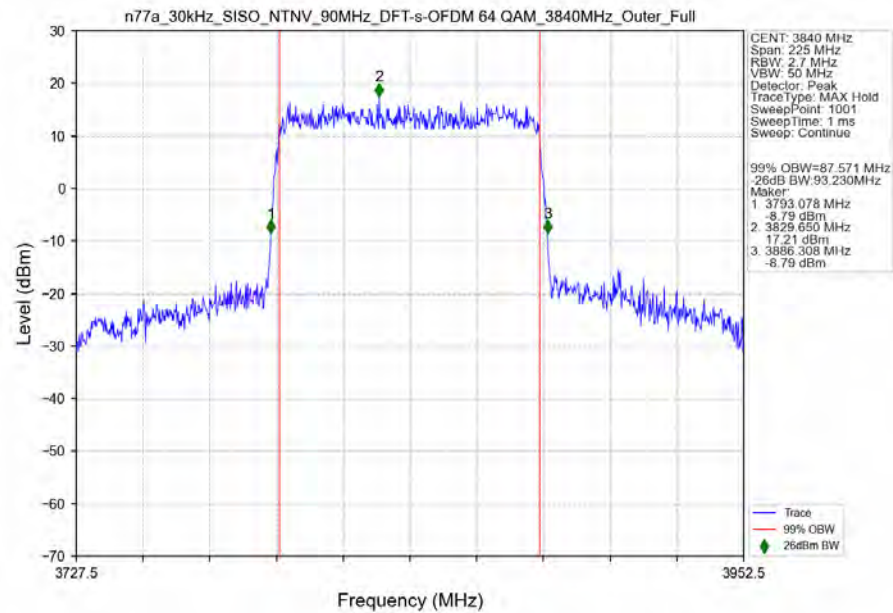
3.2.11 30k_SISO_90MHz_NTNV



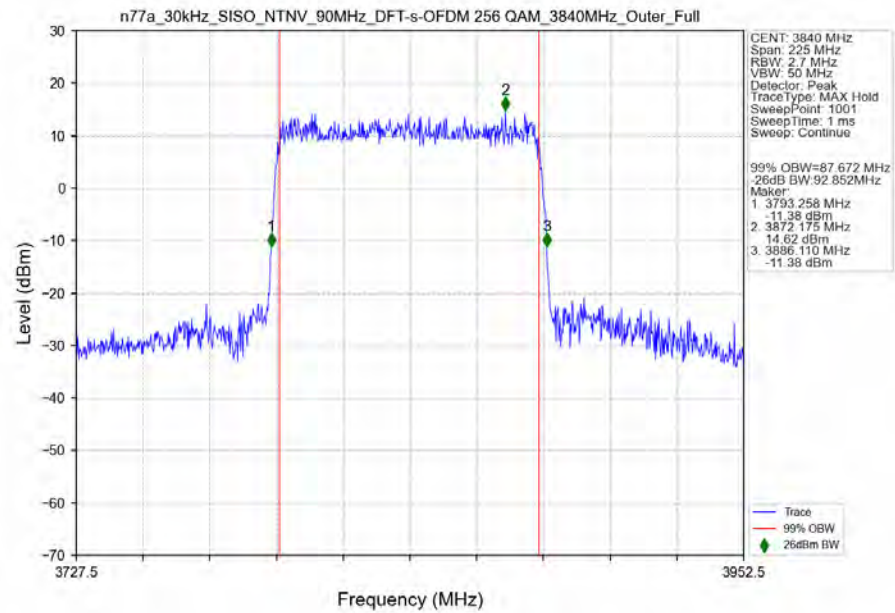
n77a 30kHz SISO NTV 90MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant1



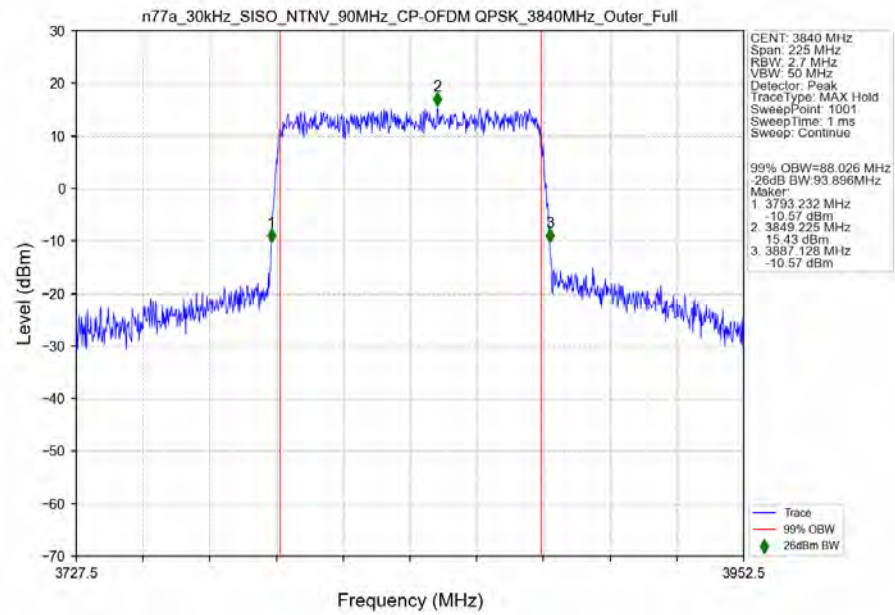
n77a 30kHz SISO NTV 90MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant1



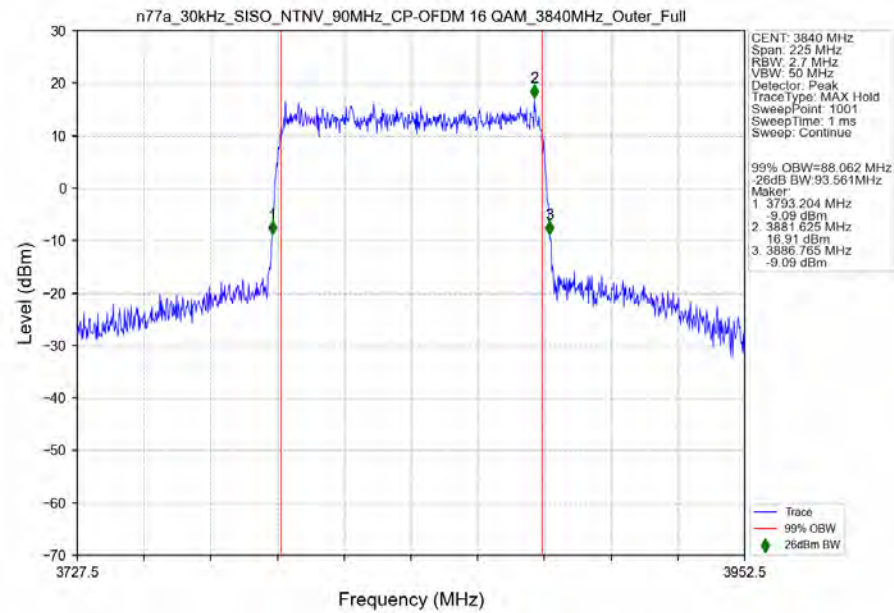
n77a 30kHz SISO NTN 90MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant1



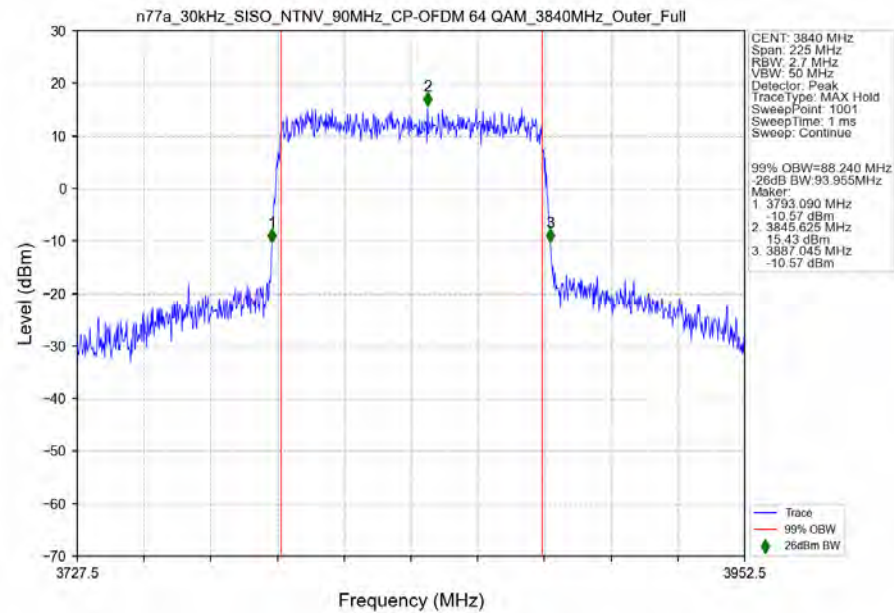
n77a 30kHz SISO NTN 90MHz CP-OFDM QPSK 3840MHz Outer Full Ant1



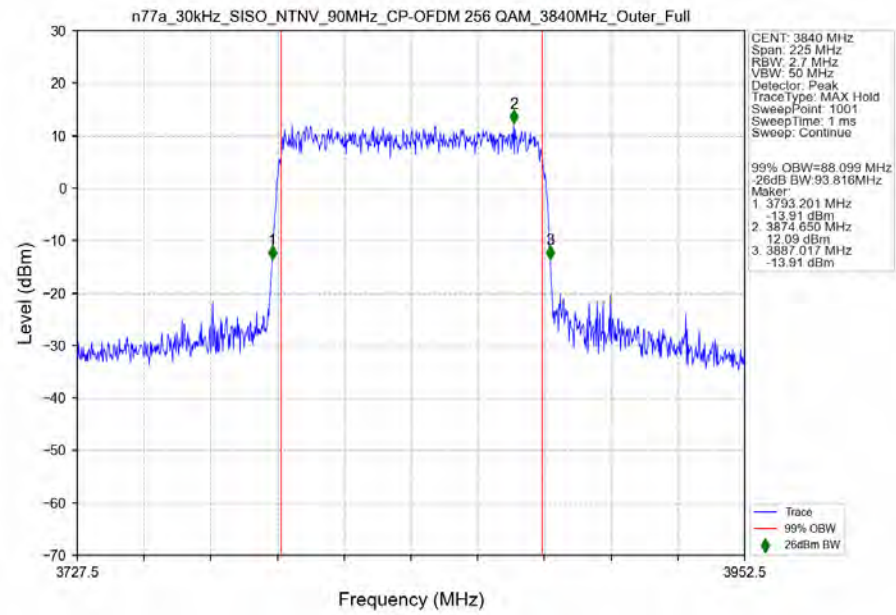
n77a 30kHz SISO NTN 90MHz CP-OFDM 16 QAM 3840MHz Outer Full Ant1



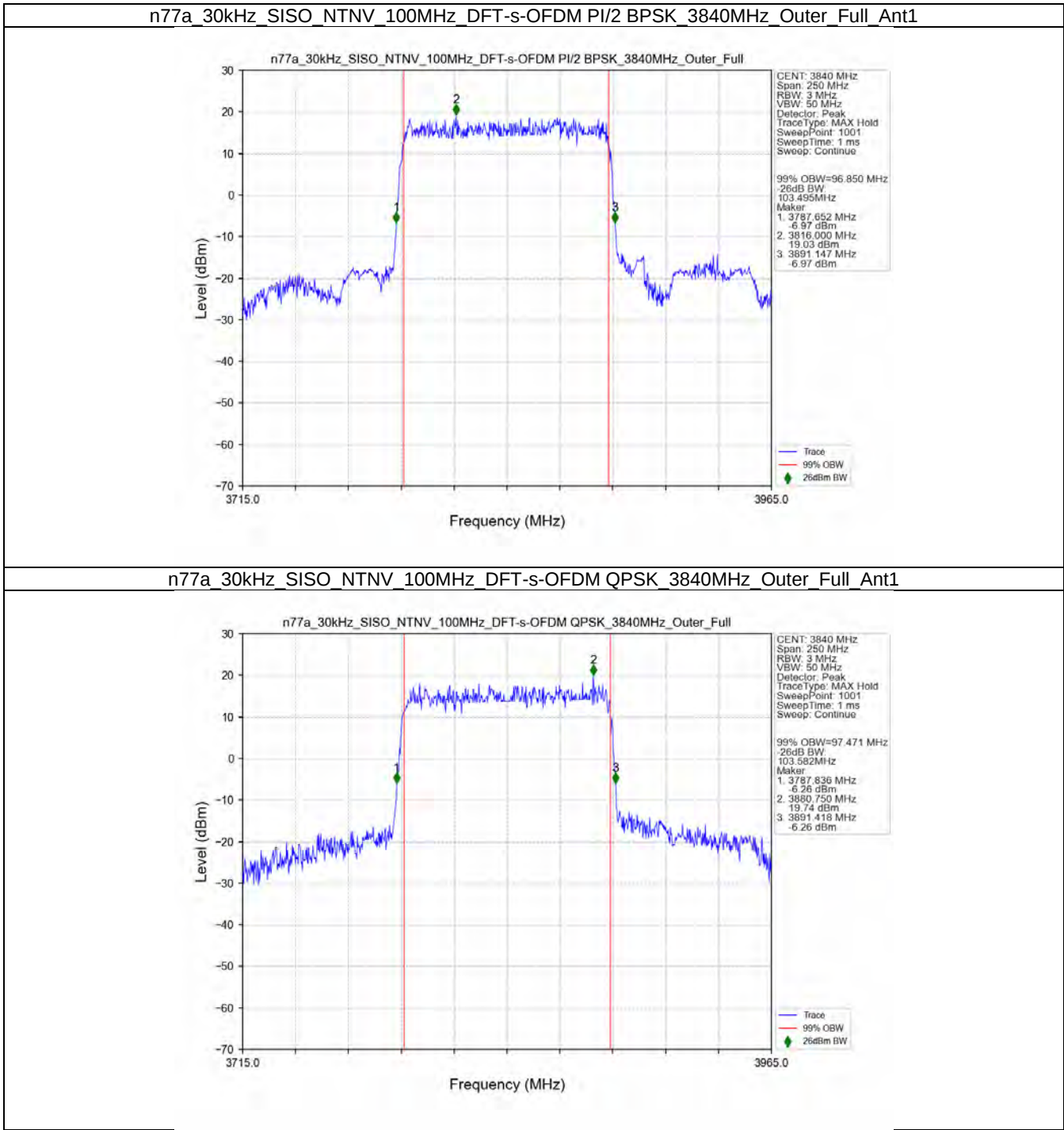
n77a 30kHz SISO NTN 90MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant1



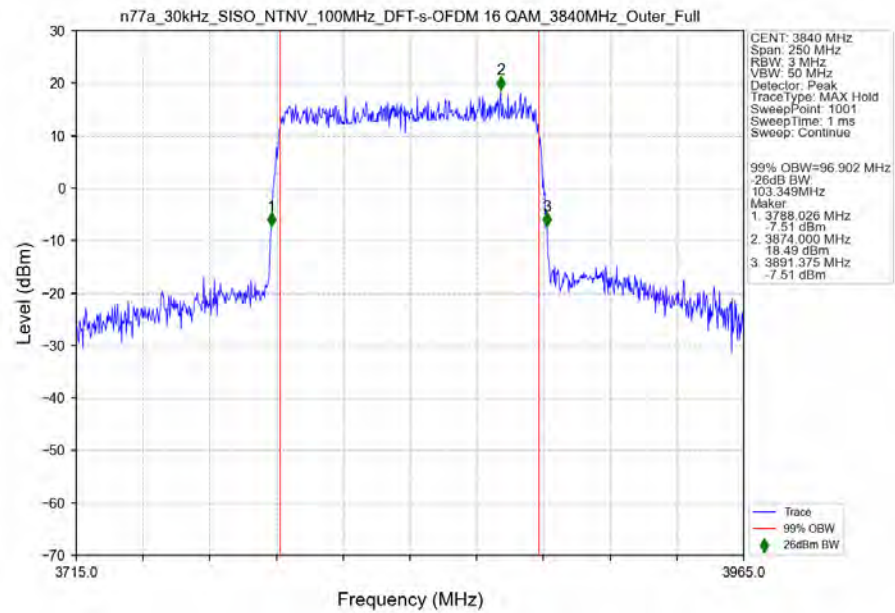
n77a_30kHz_SISO_NTNV_90MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1



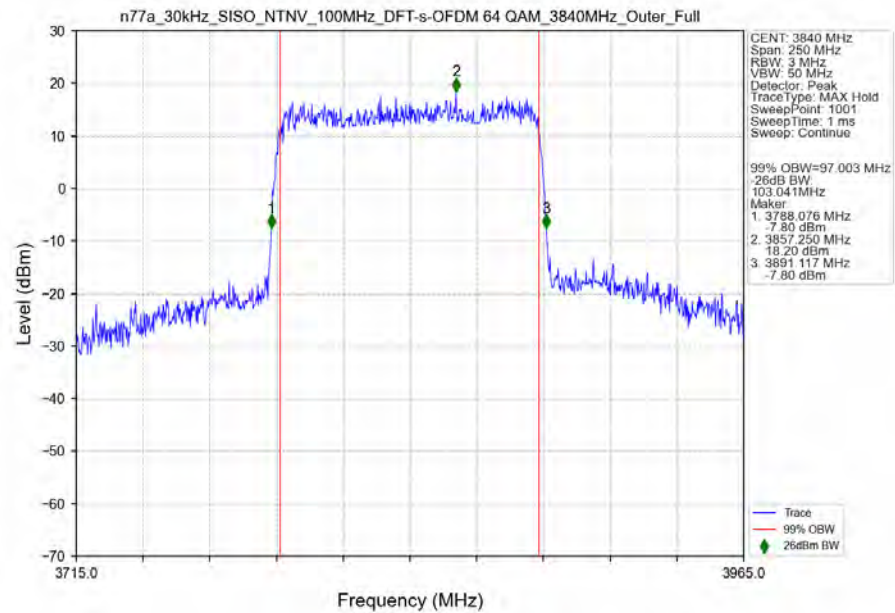
3.2.12 30k_SISO_100MHz_NTNV



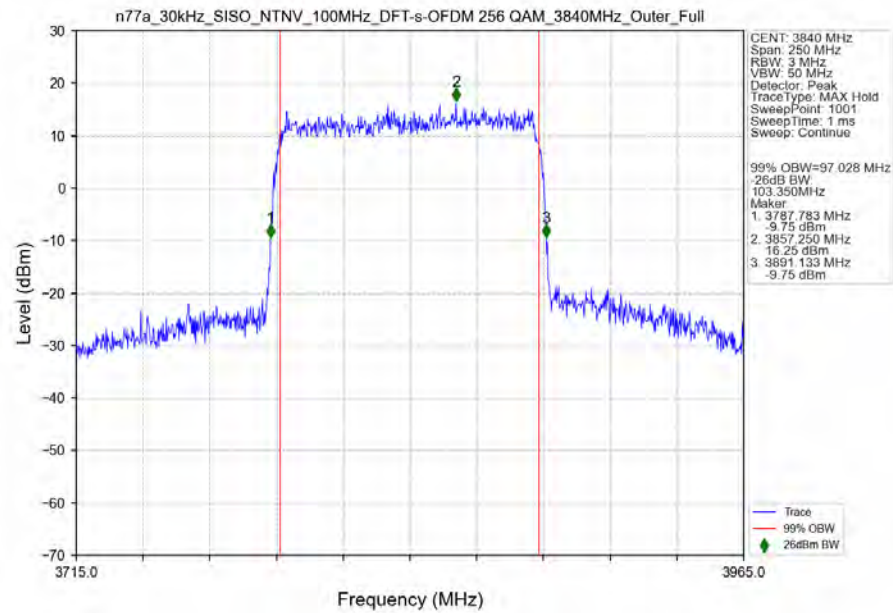
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant1



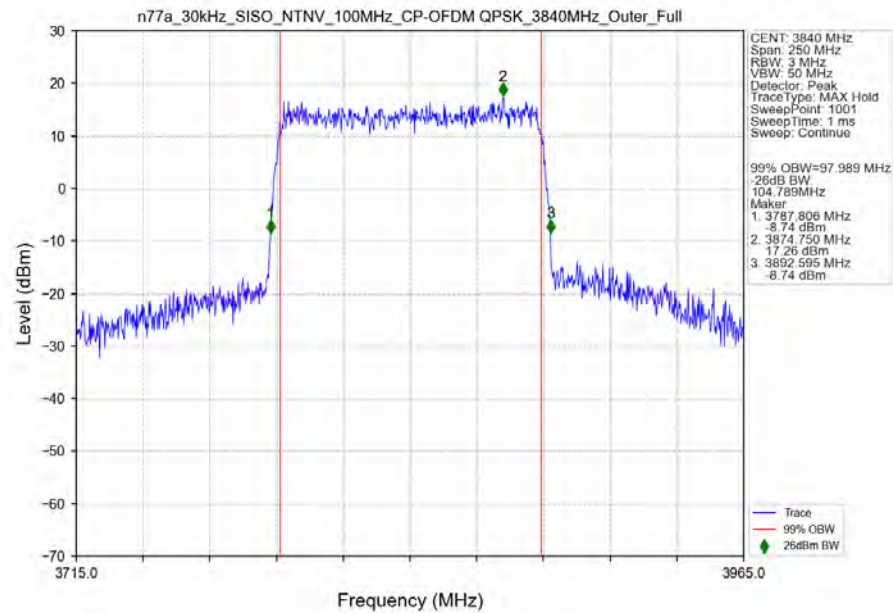
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant1



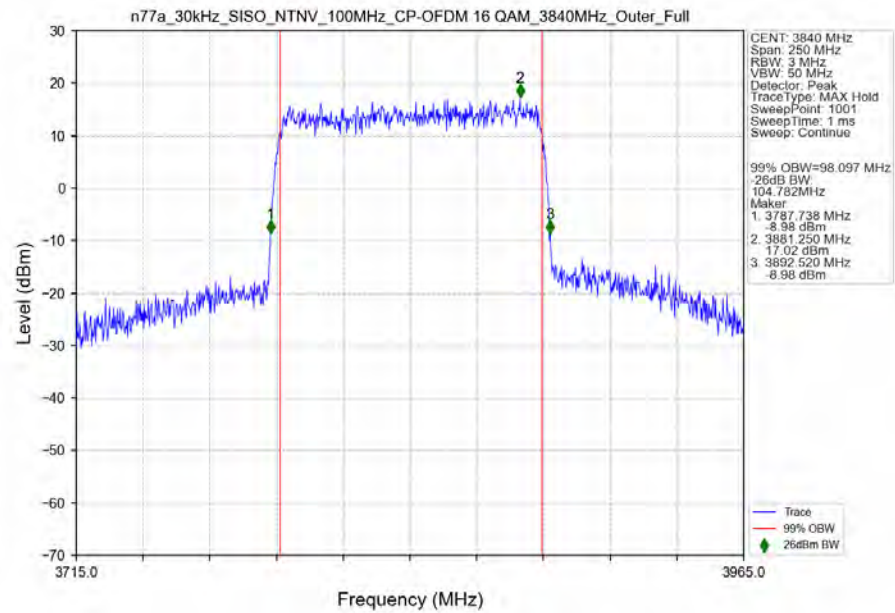
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant1



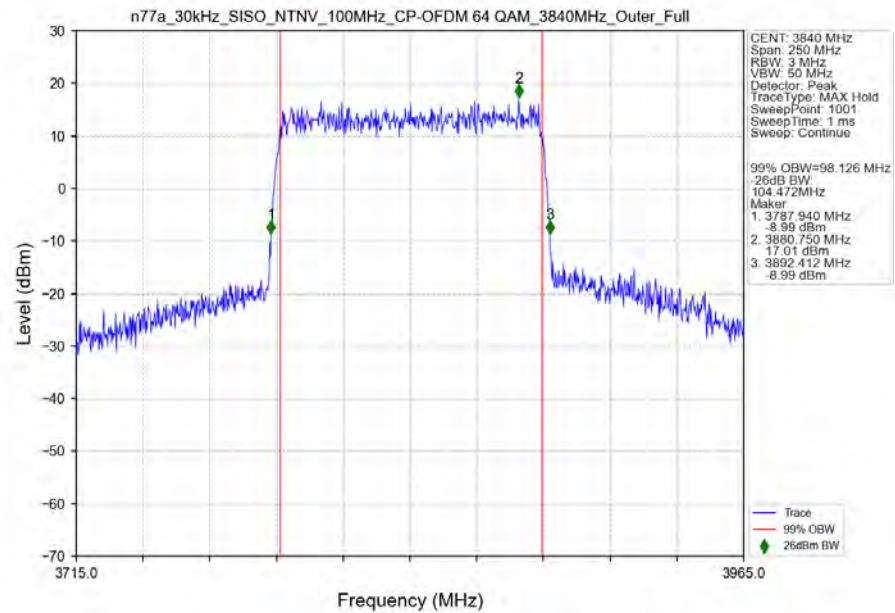
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant1



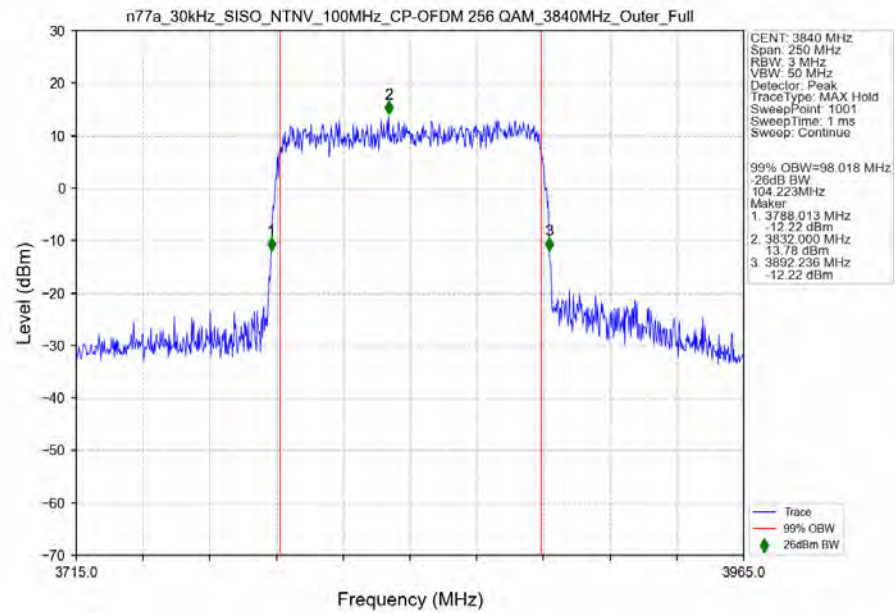
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant1



n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full_Ant1



n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant1



4. Peak-Average Ratio

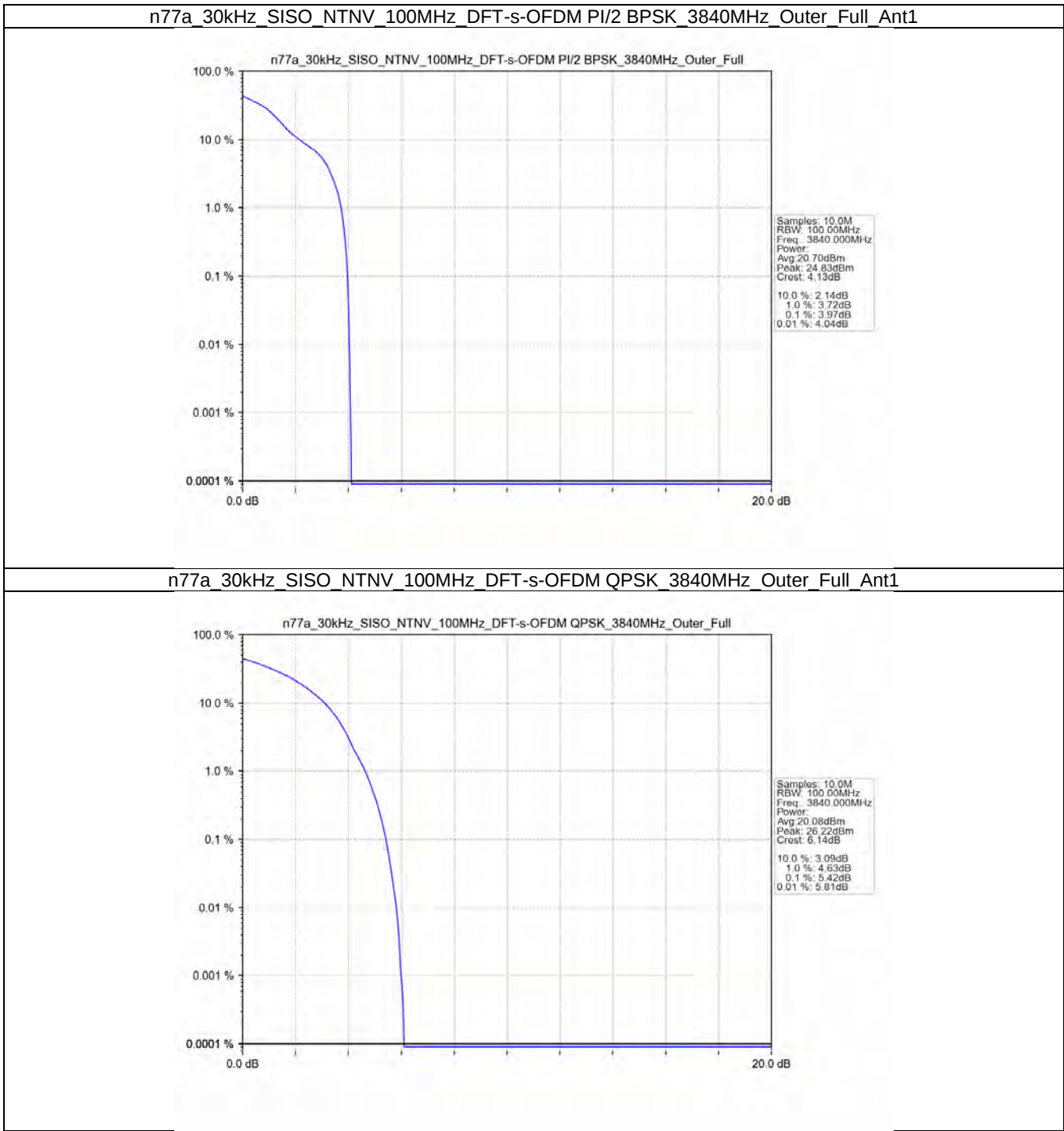
4.1 Test Result

4.1.1 30k_SISO_100MHz_NTNV

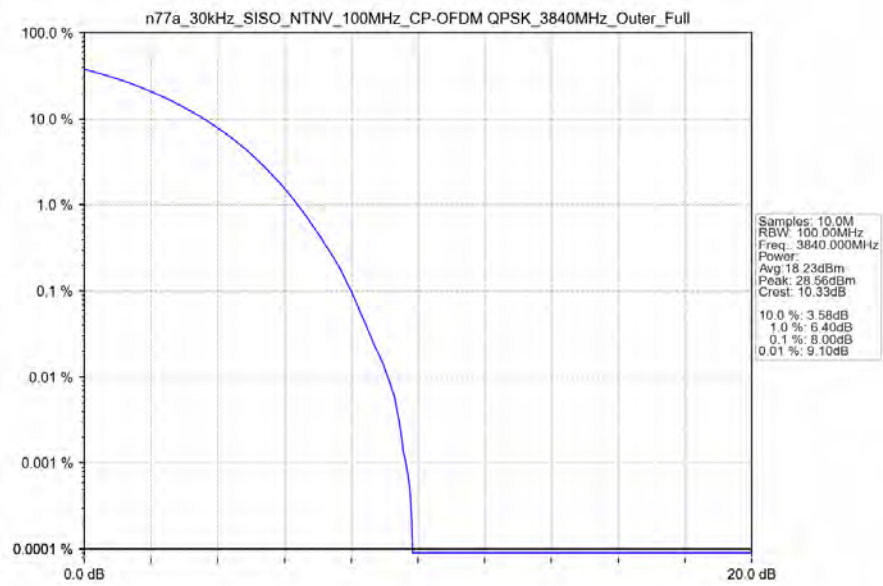
5G NR n77a SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	3.97	/	/	<=13	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	5.42	/	/	<=13	Pass
CP-OFDM QPSK	3840	Outer_Full	8.00	/	/	<=13	Pass

4.2 Test Graph

4.2.1 30k_SISO_100MHz_NTNV



n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant1



5. Spurious Emission

5.1 Test Result

5.1.1 30k_SISO_10MHz_NTNV

5G NR n77a SCS=30kHz SISO 10MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	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 NTNv								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant1	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

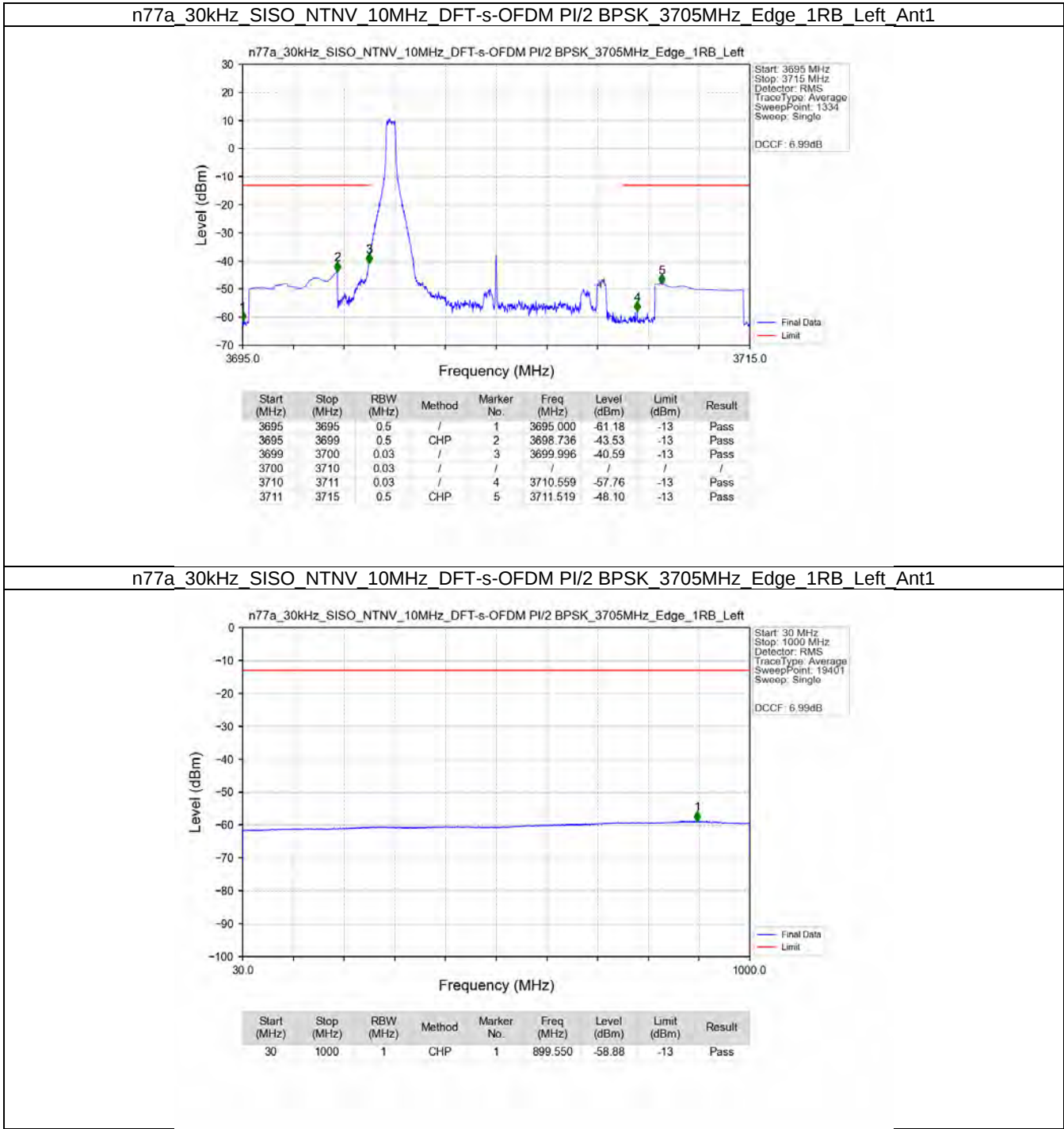
5.1.3 30k_SISO_100MHz_NTNV

5G NR n77a SCS=30kHz SISO 100MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Edge 1RB Left	Refer To Test Graph				Pass

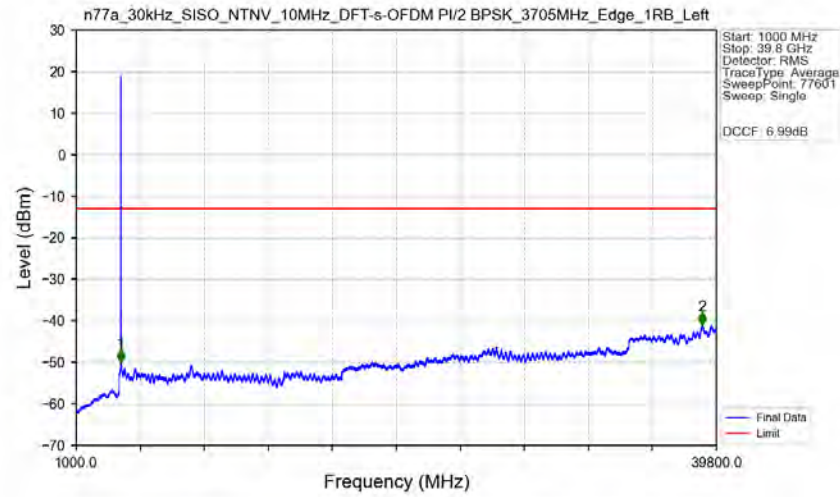
		Outer_Full	Refer To Test Graph	Pass
	3840	Edge_1RB_Left	Refer To Test Graph	Pass
	3930	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
DFT-s-OFDM QPSK	3750	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	3840	Edge_1RB_Left	Refer To Test Graph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

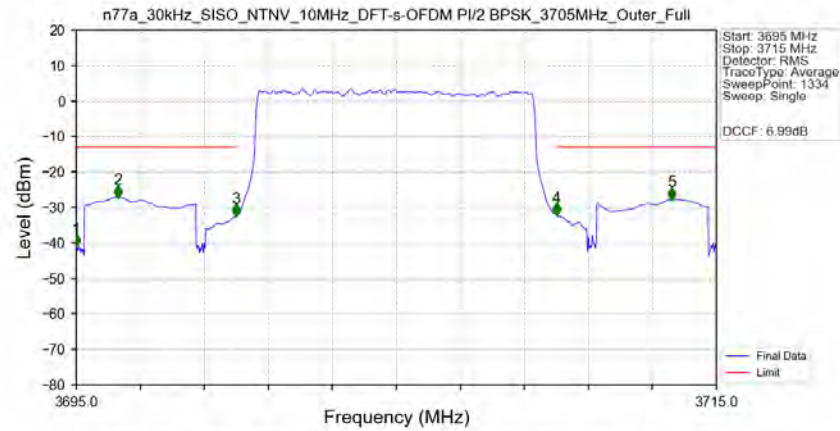


n77a 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3705MHz Edge 1RB Left Ant1



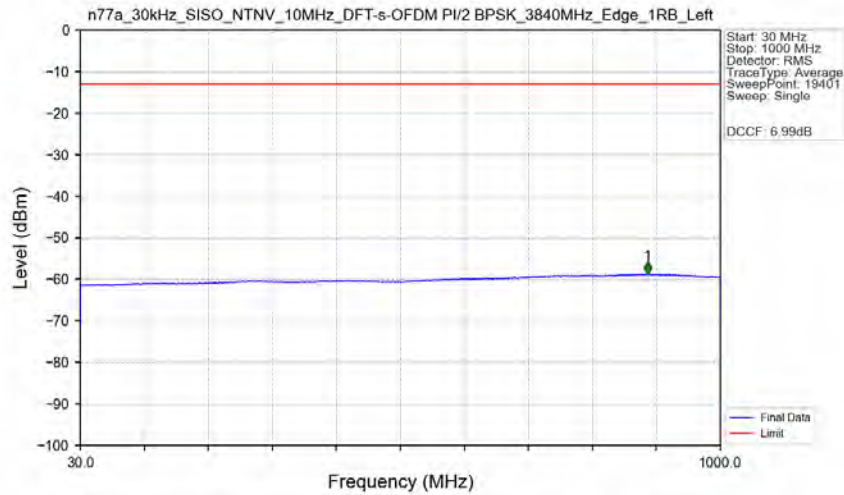
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3694.500	-49.87	-13	Pass
3695	3715	1	/	/	/	/	/	/
3715	39800	1	/	2	38927.000	-40.95	-13	Pass

n77a 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3705MHz Outer_Full Ant1



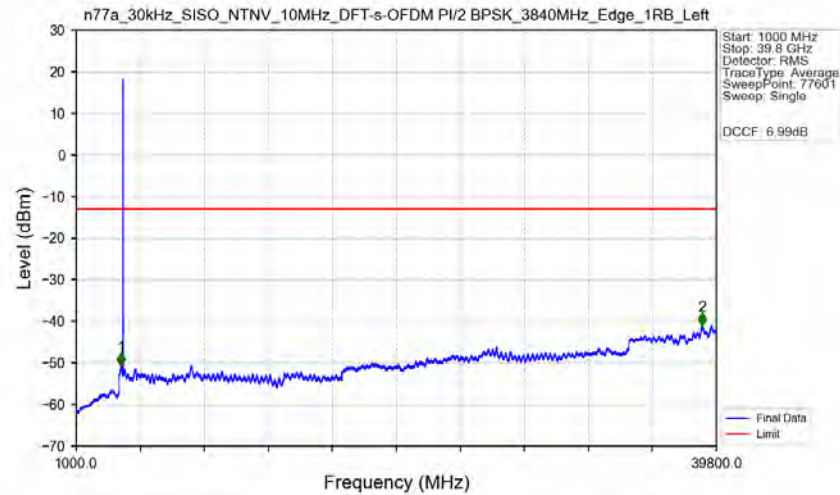
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-40.74	-13	Pass
3695	3699	0.5	CHP	2	3696.305	-27.03	-13	Pass
3699	3700	0.09383	CHP	3	3699.996	-32.25	-13	Pass
3700	3710	0.09383	CHP	/	/	/	/	/
3710	3711	0.09383	CHP	4	3710.004	-32.00	-13	Pass
3711	3715	0.5	CHP	5	3713.605	-27.64	-13	Pass

n77a 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3840MHz Edge 1RB Left Ant1



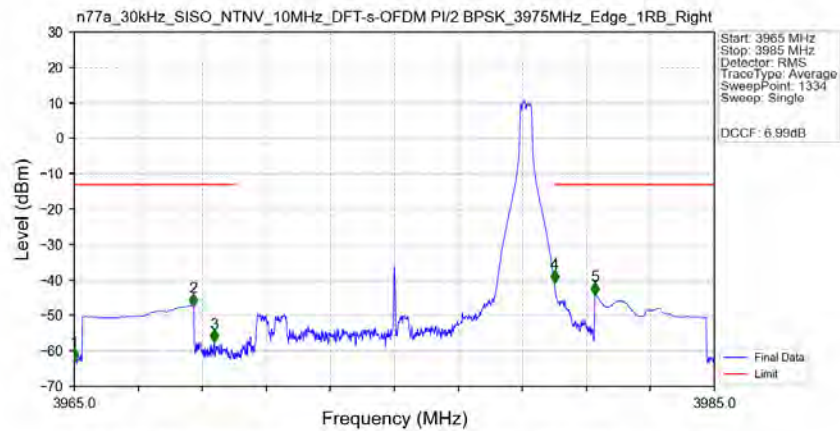
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	889.450	-58.72	-13	Pass

n77a 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3840MHz Edge 1RB Left Ant1



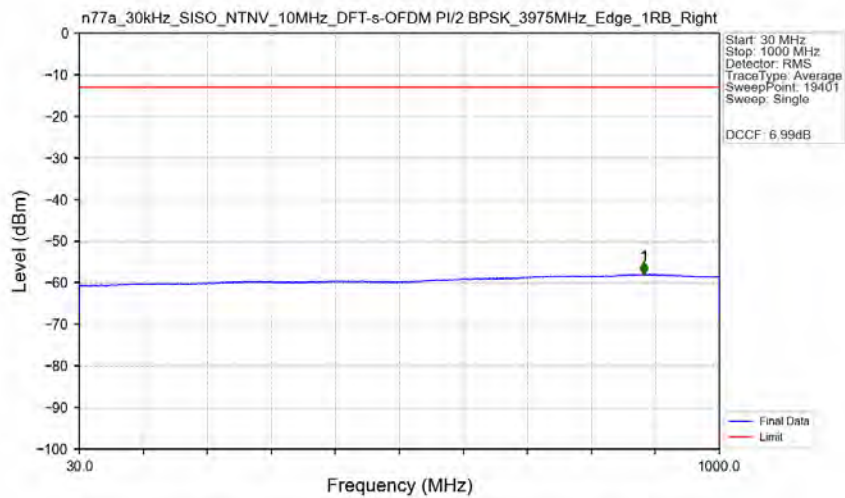
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3830	1	/	1	3720.500	-50.72	-13	Pass
3830	3850	1	/	/	/	/	/	/
3850	39800	1	/	2	38926.500	-40.93	-13	Pass

n77a 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3975MHz Edge 1RB Right Ant1



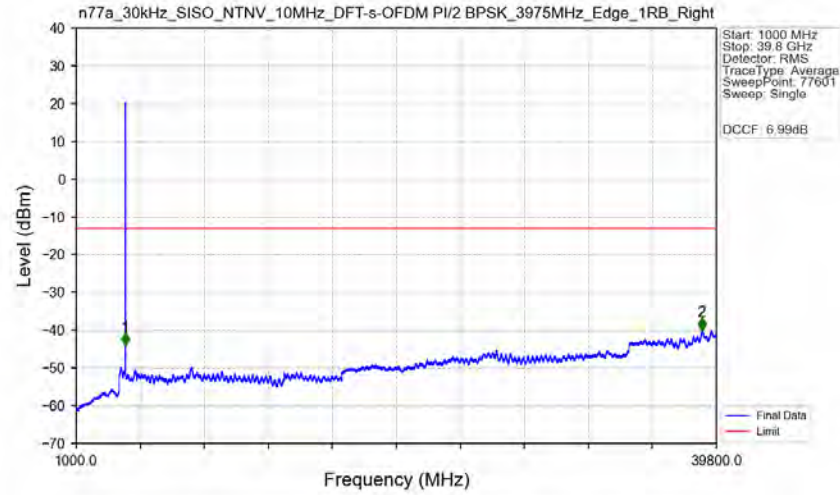
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3965	3965	0.5	/	1	3965.000	-62.53	-13	Pass
3965	3969	0.5	CHP	2	3968.706	-47.15	-13	Pass
3969	3970	0.03	/	3	3969.381	-57.36	-13	Pass
3970	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	4	3980.004	-40.55	-13	Pass
3981	3985	0.5	CHP	5	3981.264	-43.96	-13	Pass

n77a 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3975MHz Edge 1RB Right Ant1



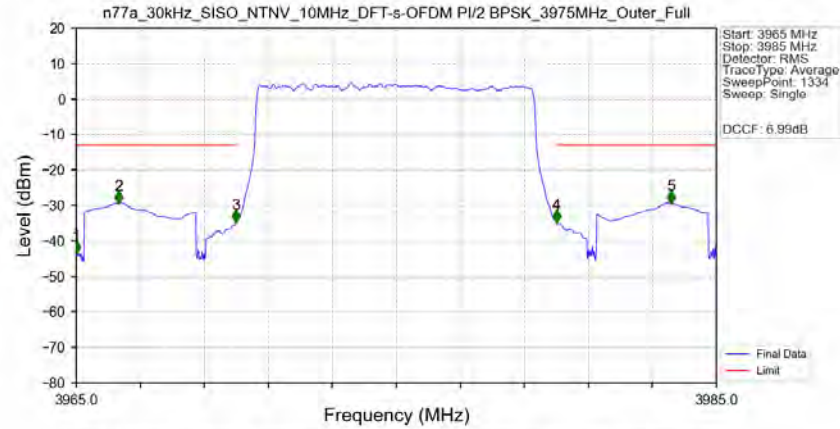
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	885.450	-57.97	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3975MHz_Edge_1RB_Right_Ant1



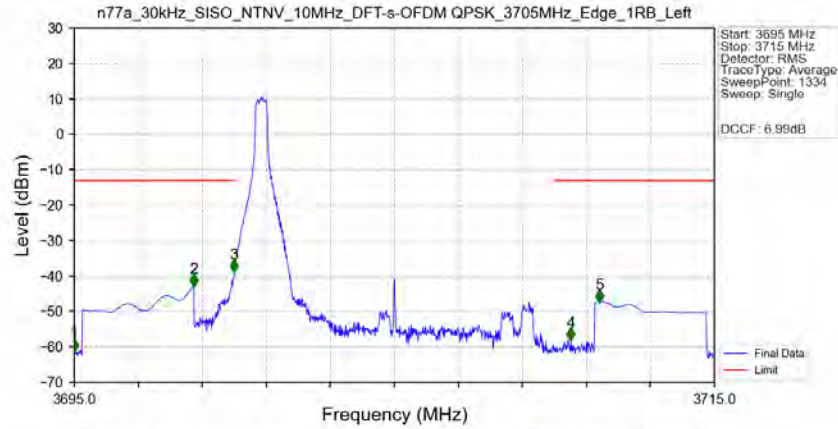
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3965	1	/	1	3964.500	-44.03	-13	Pass
3965	3985	1	/	/	/	/	/	/
3985	39800	1	/	2	38913.500	-40.11	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3975MHz_Outer_Full_Ant1



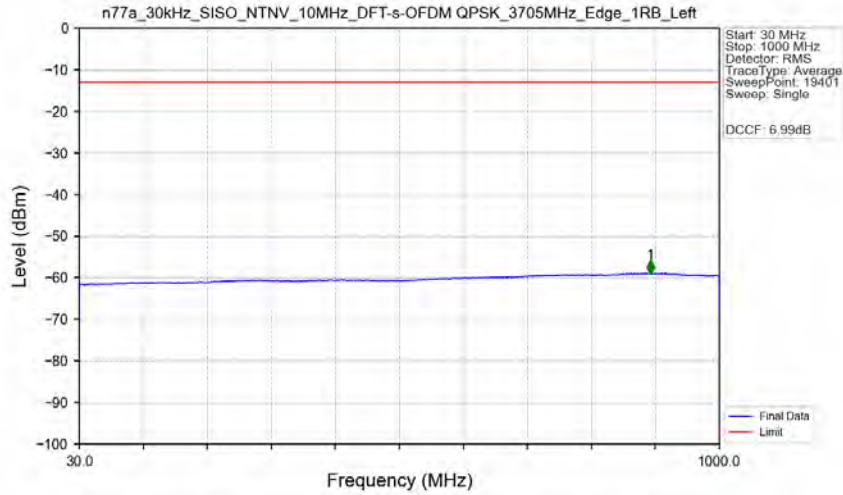
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3965	3965	0.5	/	1	3965.000	-43.41	-13	Pass
3965	3969	0.5	CHP	2	3966.335	-29.26	-13	Pass
3969	3970	0.09272	CHP	3	3969.996	-34.62	-13	Pass
3970	3980	0.09272	CHP	/	/	/	/	/
3980	3981	0.09272	CHP	4	3980.004	-34.58	-13	Pass
3981	3985	0.5	CHP	5	3983.575	-29.25	-13	Pass

n77a 30kHz SISO NTV 10MHz DFT-s-OFDM QPSK 3705MHz Edge 1RB Left Ant1



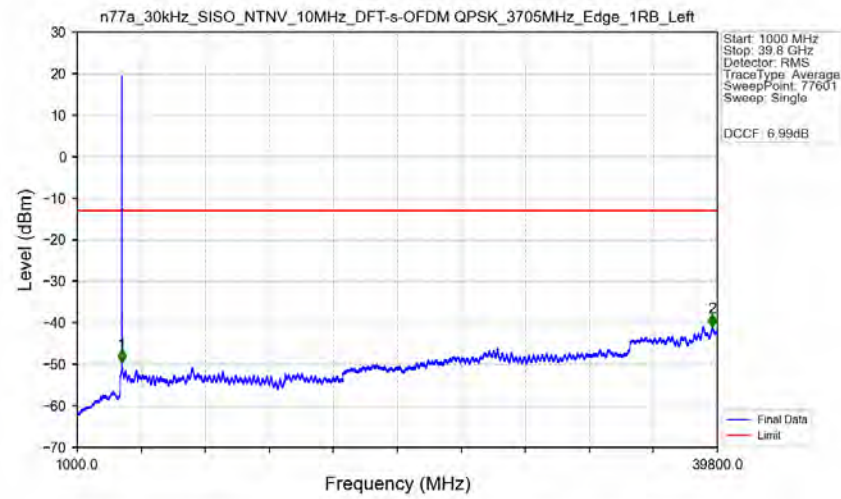
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-61.03	-13	Pass
3695	3699	0.5	CHP	2	3698.736	-42.81	-13	Pass
3699	3700	0.03	/	3	3699.996	-38.73	-13	Pass
3700	3710	0.03	/	/	/	/	/	/
3710	3711	0.03	/	4	3710.514	-57.96	-13	Pass
3711	3715	0.5	CHP	5	3711.414	-47.24	-13	Pass

n77a 30kHz SISO NTV 10MHz DFT-s-OFDM QPSK 3705MHz Edge 1RB Left Ant1



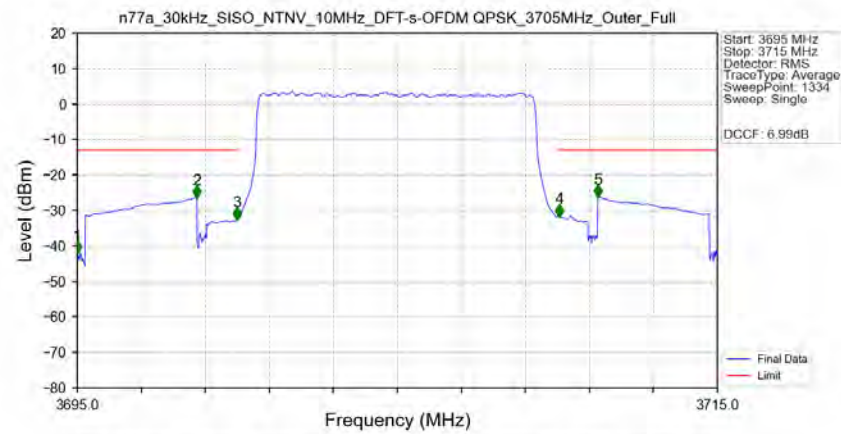
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	895.150	-58.91	-13	Pass

n77a 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3705MHz Edge 1RB Left Ant1



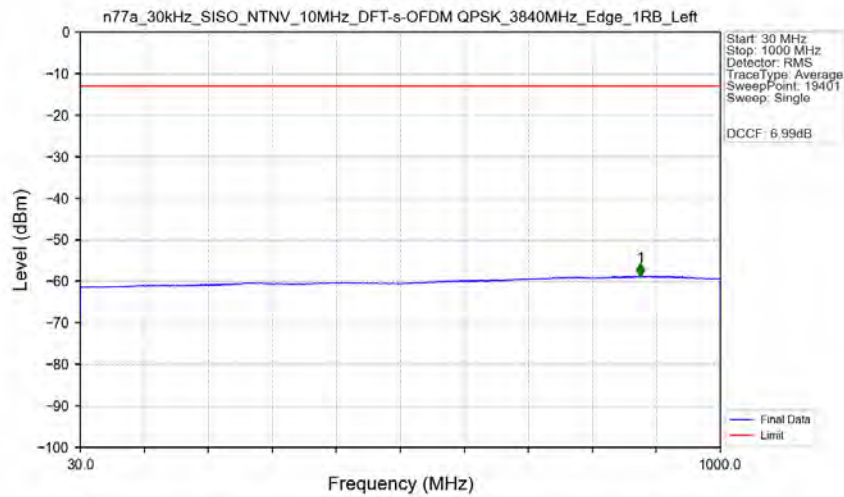
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3694.000	-49.58	-13	Pass
3695	3715	1	/	/	/	/	/	/
3715	39800	1	/	2	39499.000	-40.95	-13	Pass

n77a 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3705MHz Outer Full Ant1

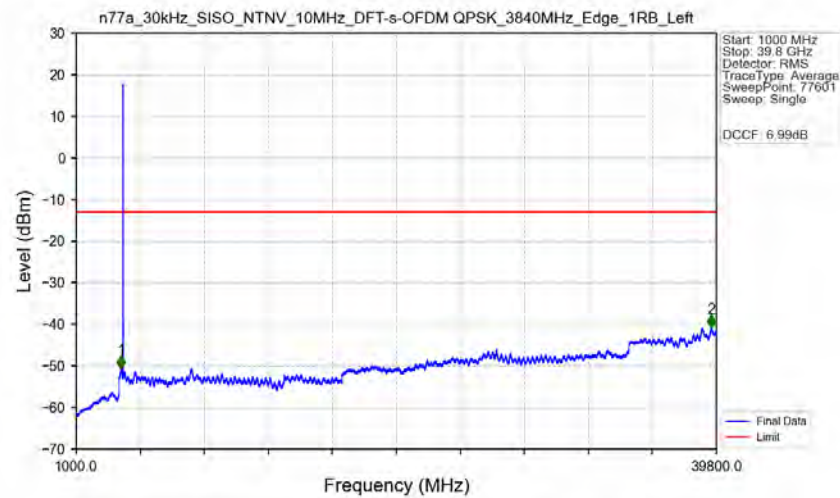


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-41.88	-13	Pass
3695	3699	0.5	CHP	2	3698.736	-26.25	-13	Pass
3699	3700	0.09383	CHP	3	3699.996	-32.43	-13	Pass
3700	3710	0.09383	CHP	/	/	/	/	/
3710	3711	0.09383	CHP	4	3710.064	-31.49	-13	Pass
3711	3715	0.5	CHP	5	3711.264	-26.07	-13	Pass

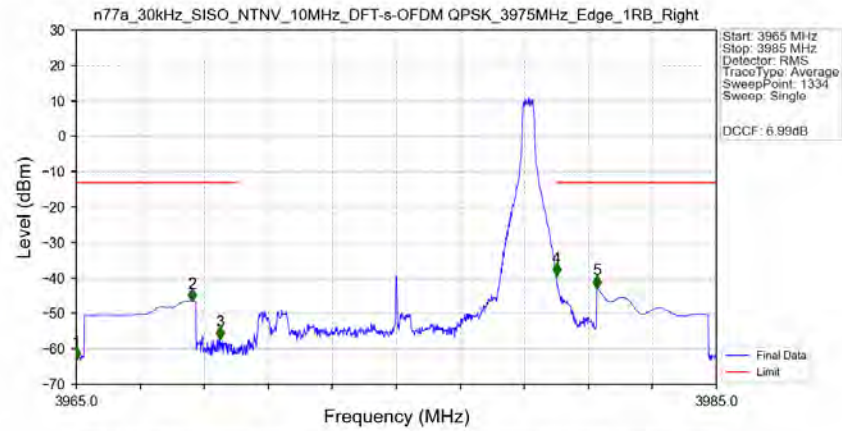
n77a 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3840MHz Edge 1RB Left Ant1



n77a 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3840MHz Edge 1RB Left Ant1

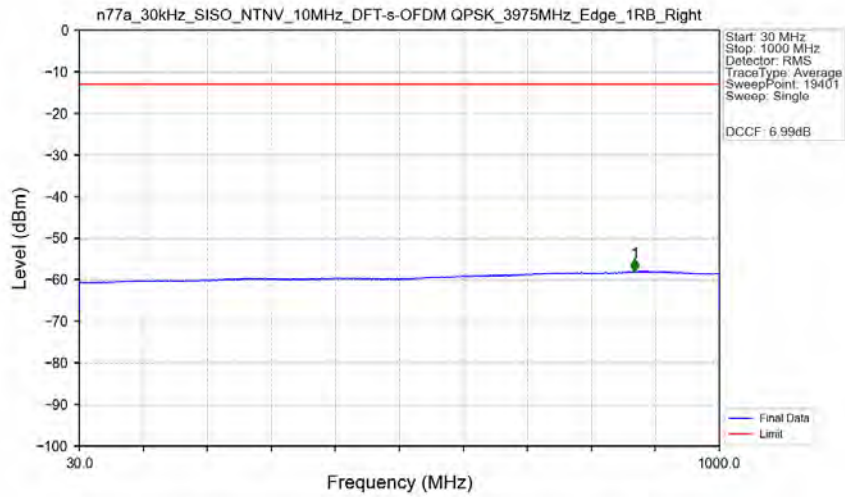


n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3975MHz_Edge_1RB_Right_Ant1



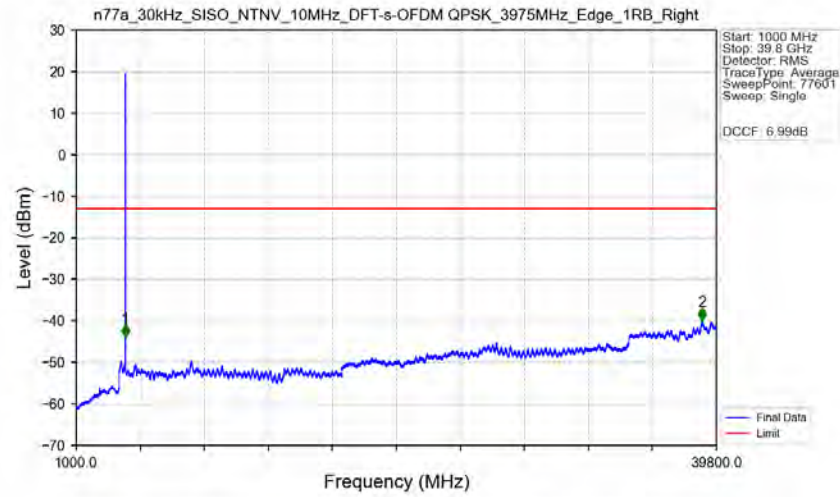
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3965	3965	0.5	/	1	3965.000	-62.82	-13	Pass
3965	3969	0.5	CHP	2	3968.616	-46.42	-13	Pass
3969	3970	0.03	/	3	3969.486	-57.11	-13	Pass
3970	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	4	3980.004	-39.18	-13	Pass
3981	3985	0.5	CHP	5	3981.264	-42.65	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3975MHz_Edge_1RB_Right_Ant1



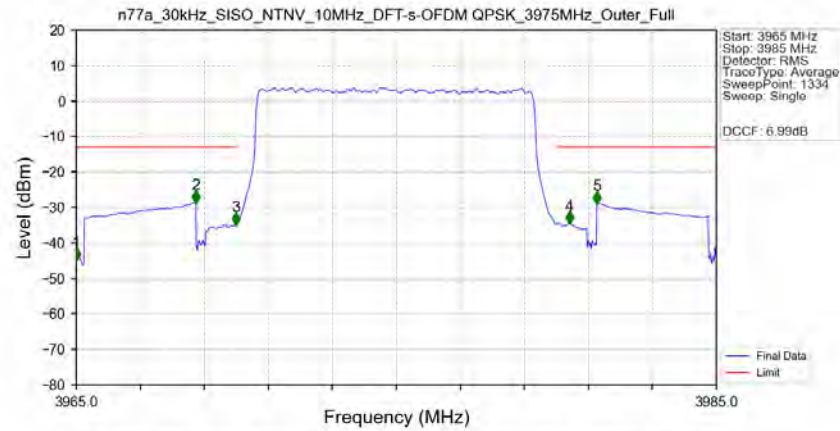
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	872.050	-58.04	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3975MHz_Edge_1RB_Right Ant1



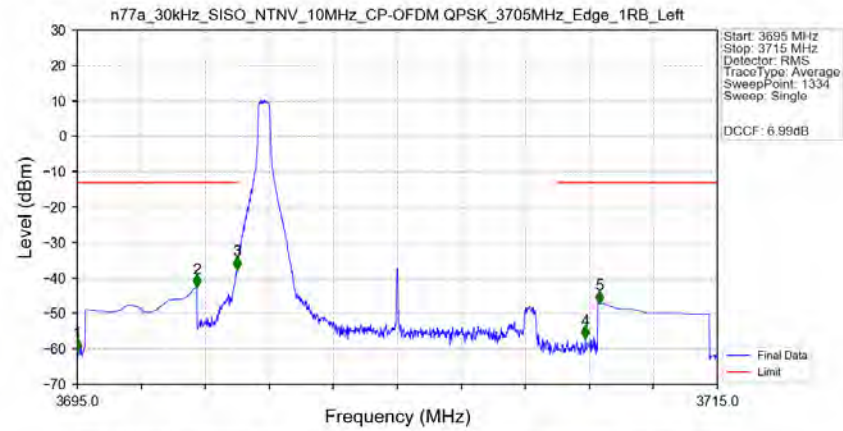
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3965	1	/	1	3964.500	-43.84	-13	Pass
3965	3985	1	/	/	/	/	/	/
3985	39800	1	/	2	38921.000	-39.96	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3975MHz_Outer_Full Ant1



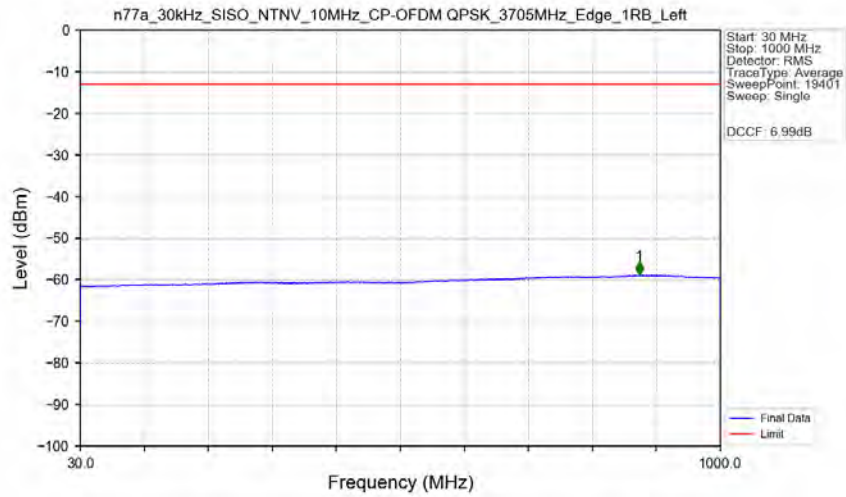
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3965	3965	0.5	/	1	3965.000	-44.63	-13	Pass
3965	3969	0.5	CHP	2	3968.736	-28.52	-13	Pass
3969	3970	0.09383	CHP	3	3969.996	-34.72	-13	Pass
3970	3980	0.09383	CHP	/	/	/	/	/
3980	3981	0.09383	CHP	4	3980.409	-34.35	-13	Pass
3981	3985	0.5	CHP	5	3981.264	-28.75	-13	Pass

n77a 30kHz SISO NTN 10MHz CP-OFDM QPSK 3705MHz Edge 1RB Left Ant1



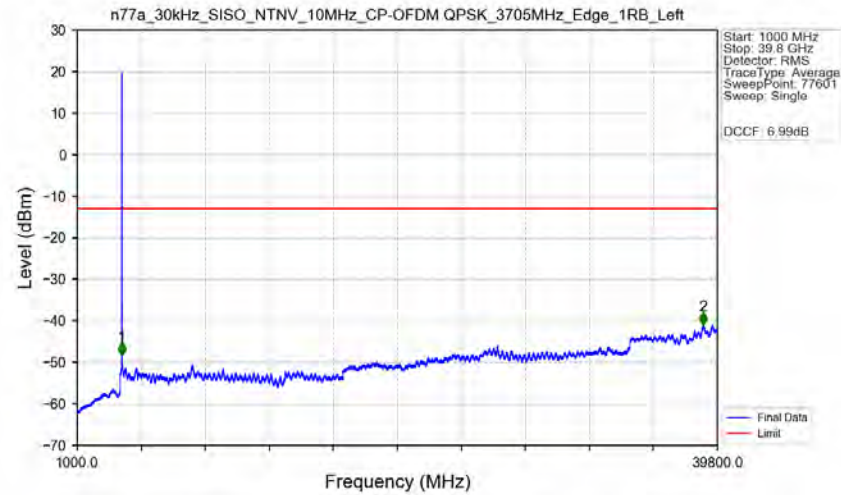
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-60.37	-13	Pass
3695	3699	0.5	CHP	2	3698.736	-42.33	-13	Pass
3699	3700	0.03	/	3	3699.996	-37.34	-13	Pass
3700	3710	0.03	/	/	/	/	/	/
3710	3711	0.03	/	4	3710.874	-56.89	-13	Pass
3711	3715	0.5	CHP	5	3711.309	-46.95	-13	Pass

n77a 30kHz SISO NTN 10MHz CP-OFDM QPSK 3705MHz Edge 1RB Left Ant1



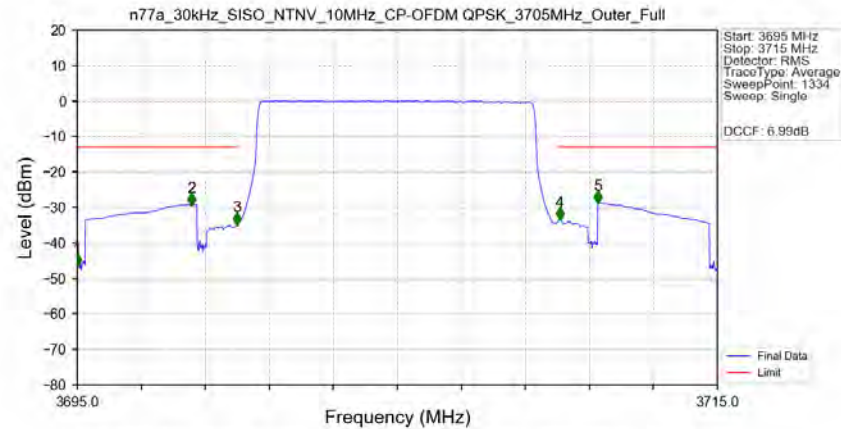
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	877.350	-58.83	-13	Pass

n77a 30kHz SISO NTN 10MHz CP-OFDM QPSK 3705MHz Edge 1RB Left Ant1



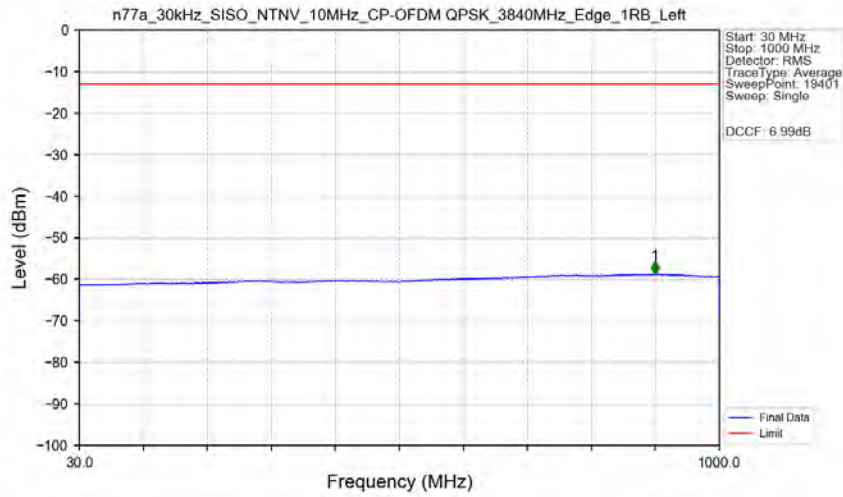
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3694.500	-48.21	-13	Pass
3695	3715	1	/	/	/	/	/	/
3715	39800	1	/	2	38928.000	-41.03	-13	Pass

n77a 30kHz SISO NTN 10MHz CP-OFDM QPSK 3705MHz Outer Full Ant1

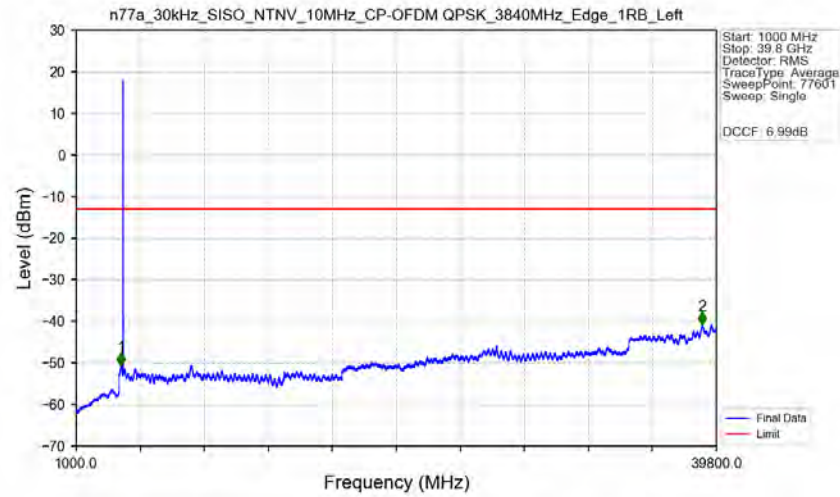


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-46.36	-13	Pass
3695	3699	0.5	CHP	2	3698.571	-29.24	-13	Pass
3699	3700	0.09429	CHP	3	3699.996	-34.74	-13	Pass
3700	3710	0.09429	CHP	/	/	/	/	/
3710	3711	0.09429	CHP	4	3710.079	-33.33	-13	Pass
3711	3715	0.5	CHP	5	3711.264	-28.59	-13	Pass

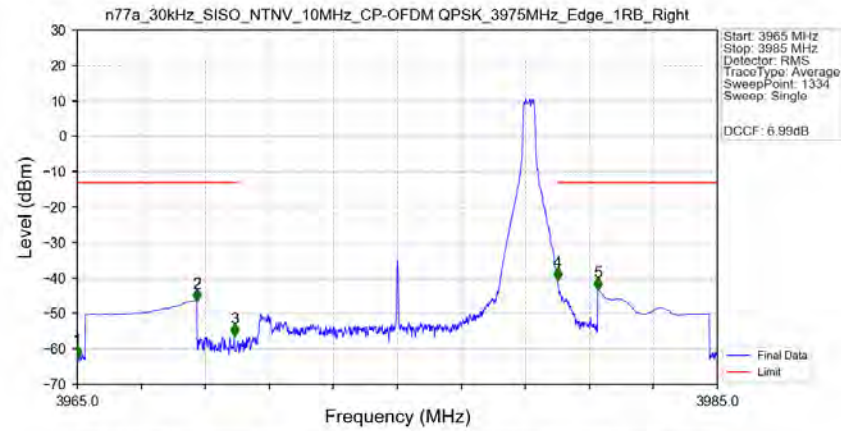
n77a 30kHz SISO NTN 10MHz CP-OFDM QPSK 3840MHz Edge 1RB Left Ant1



n77a 30kHz SISO NTN 10MHz CP-OFDM QPSK 3840MHz Edge 1RB Left Ant1

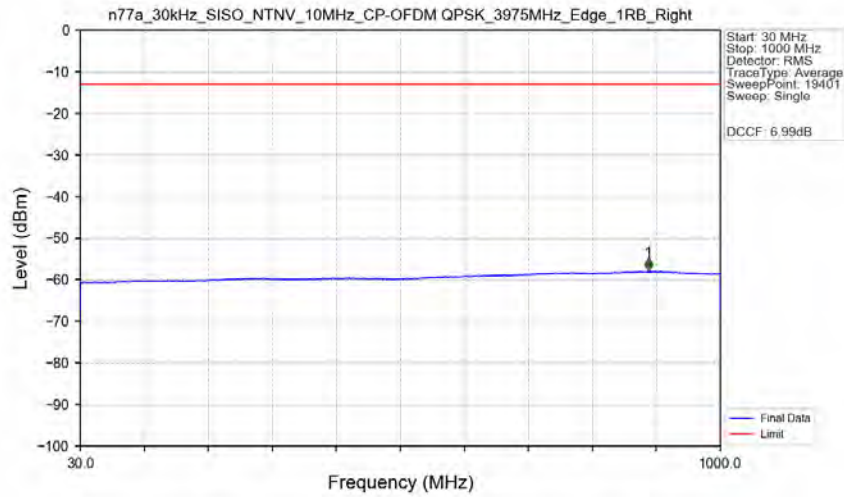


n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3975MHz_Edge_1RB_Right_Ant1



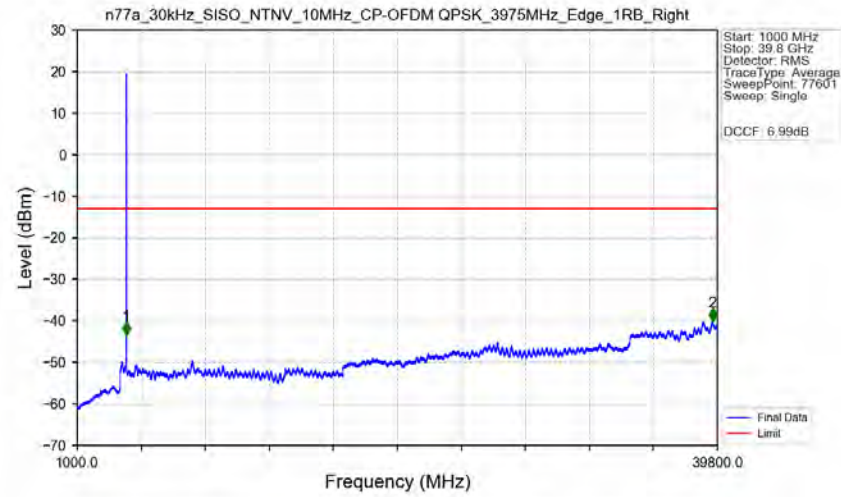
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3965	3965	0.5	/	1	3965.000	-62.34	-13	Pass
3965	3969	0.5	CHP	2	3968.736	-46.38	-13	Pass
3969	3970	0.03	/	3	3969.906	-56.21	-13	Pass
3970	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	4	3980.004	-40.36	-13	Pass
3981	3985	0.5	CHP	5	3981.264	-43.13	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3975MHz_Edge_1RB_Right_Ant1



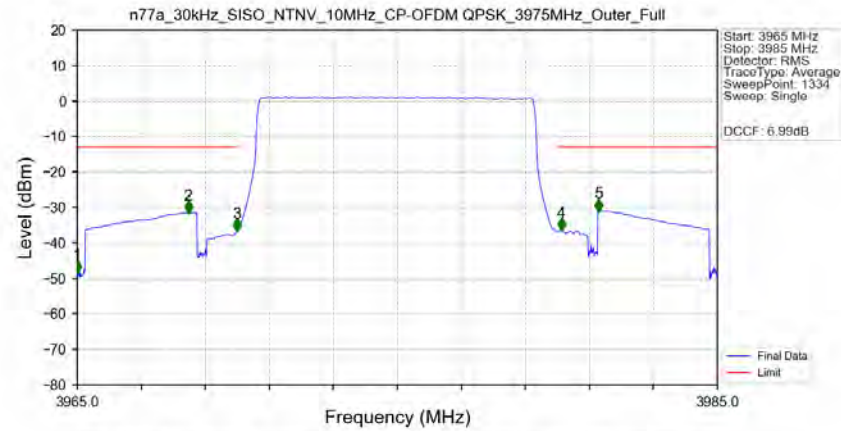
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	891.000	-57.94	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3975MHz_Edge_1RB_Right Ant1



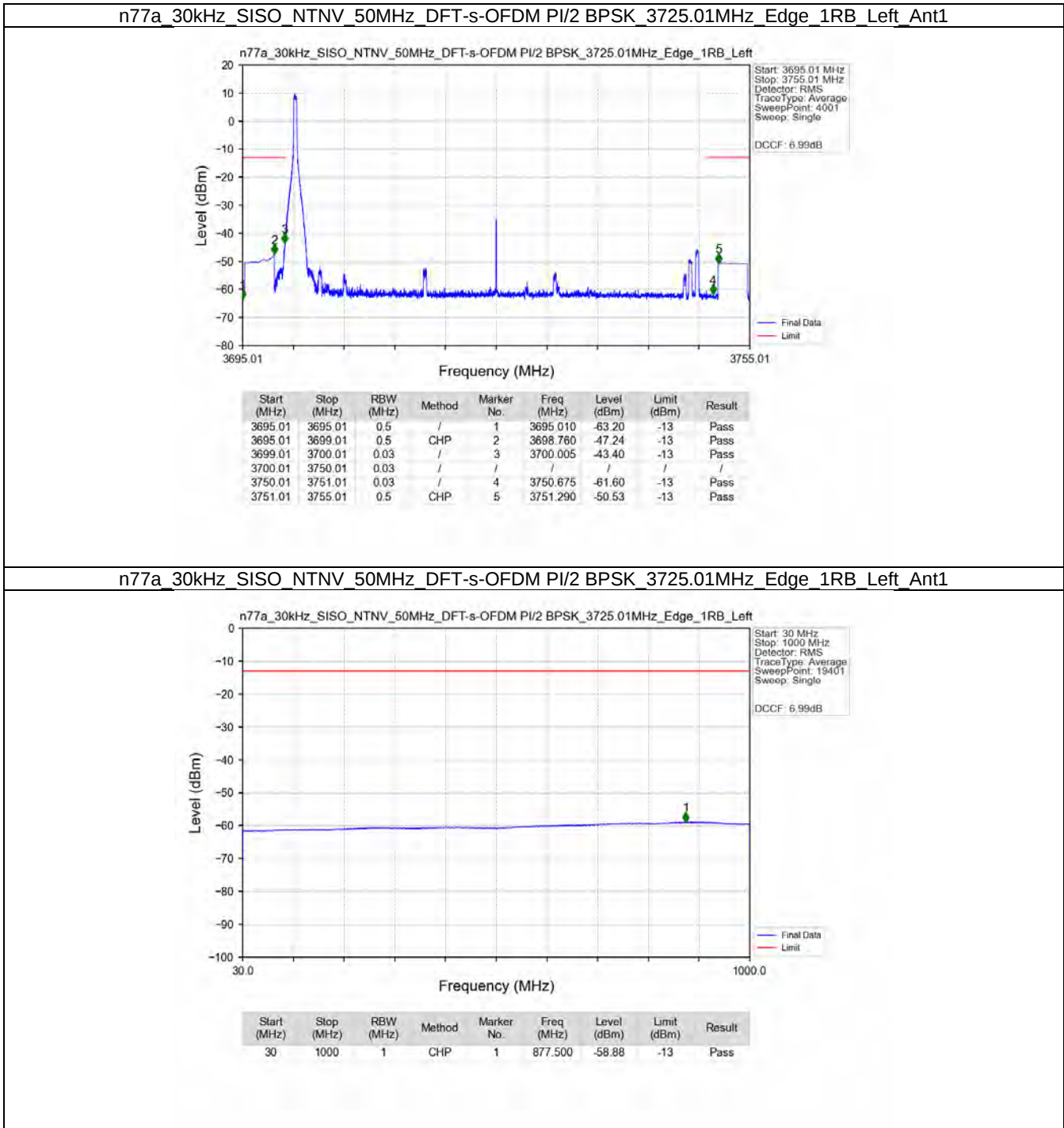
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3965	1	/	1	3964.500	-43.41	-13	Pass
3965	3985	1	/	/	/	/	/	/
3985	39800	1	/	2	39504.500	-40.05	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3975MHz_Outer_Full Ant1

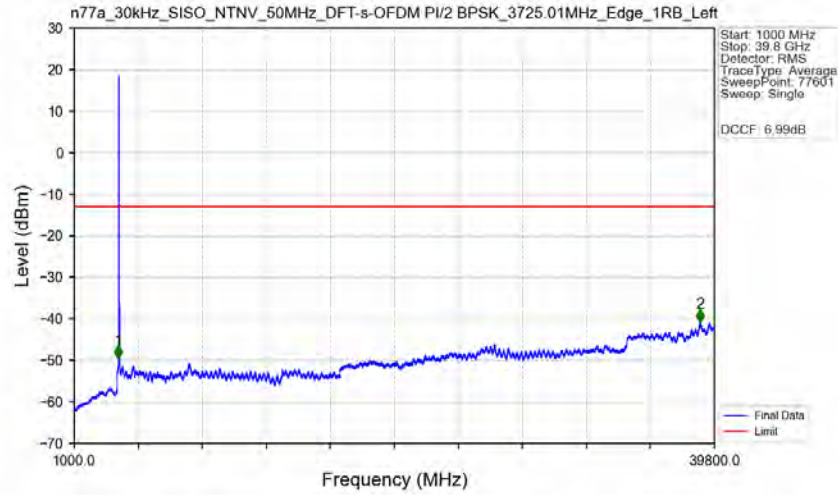


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3965	3965	0.5	/	1	3965.000	-48.14	-13	Pass
3965	3969	0.5	CHP	2	3968.466	-31.47	-13	Pass
3969	3970	0.09567	CHP	3	3969.996	-36.50	-13	Pass
3970	3980	0.09567	CHP	/	/	/	/	/
3980	3981	0.09567	CHP	4	3980.124	-36.28	-13	Pass
3981	3985	0.5	CHP	5	3981.279	-30.87	-13	Pass

5.2.2 30k_SISO_50MHz_NTNV

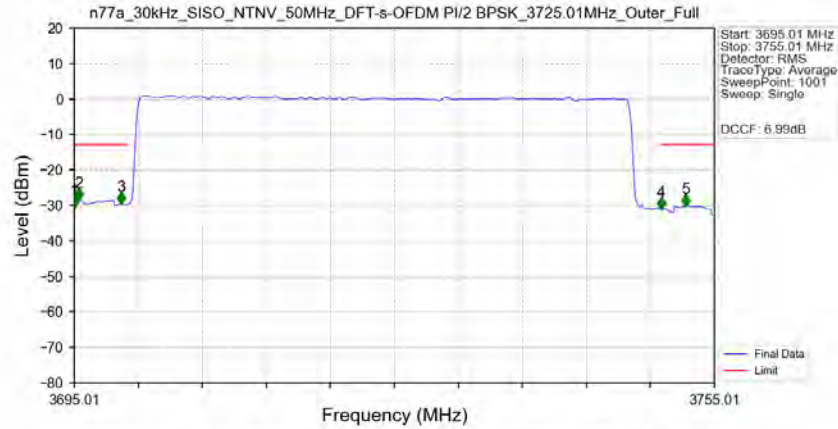


n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3725.01MHz_Edge_1RB_Left_Ant1



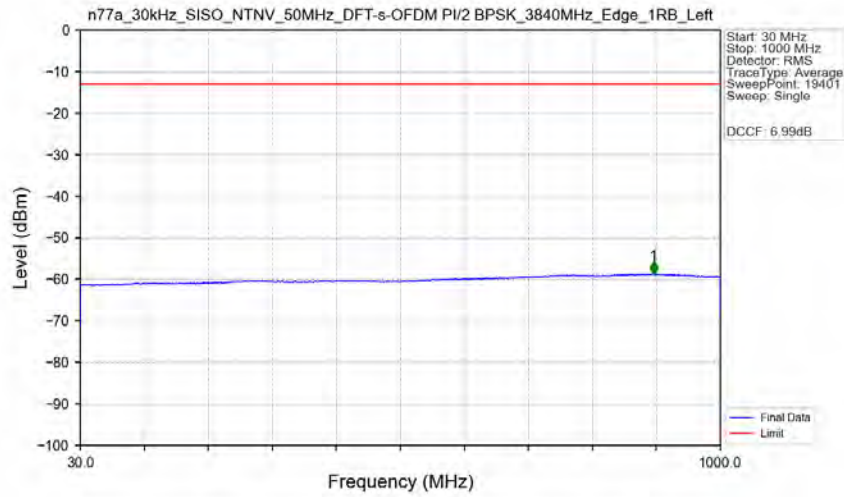
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	3677.500	-49.59	-13	Pass
3695.01	3755.01	1	/	/	/	/	/	/
3755.01	39800	1	/	2	38925.000	-40.78	-13	Pass

n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3725.01MHz_Outer_Full_Ant1



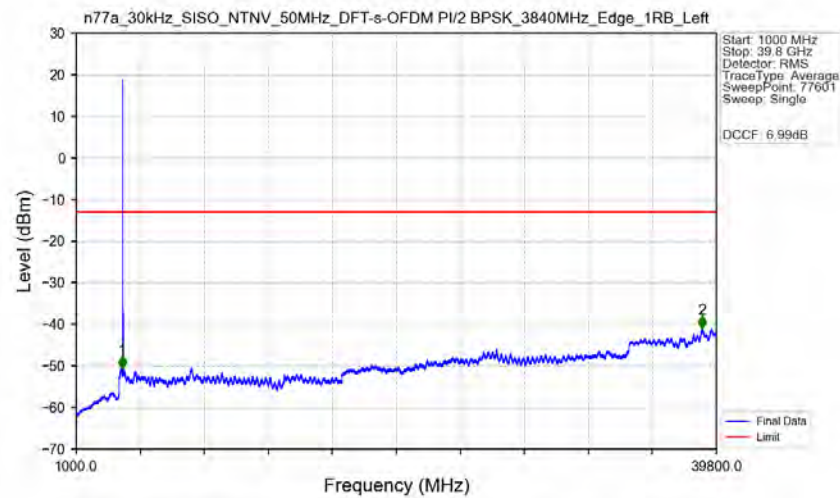
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-30.55	-13	Pass
3695.01	3699.01	0.5	CHP	2	3695.430	-28.34	-13	Pass
3699.01	3700.01	0.35	CHP	3	3699.390	-29.54	-13	Pass
3700.01	3750.01	0.35	CHP	/	/	/	/	/
3750.01	3751.01	0.35	CHP	4	3750.030	-30.94	-13	Pass
3751.01	3755.01	0.5	CHP	5	3752.310	-30.13	-13	Pass

n77a 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3840MHz Edge 1RB Left Ant1



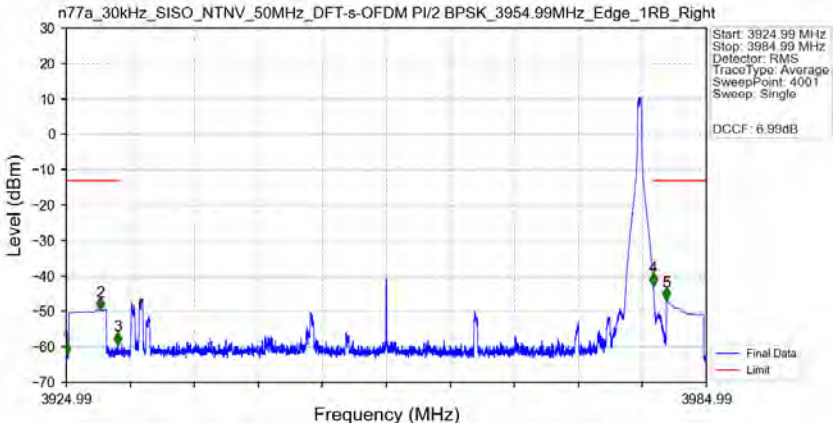
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	898.700	-58.70	-13	Pass

n77a 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3840MHz Edge 1RB Left Ant1



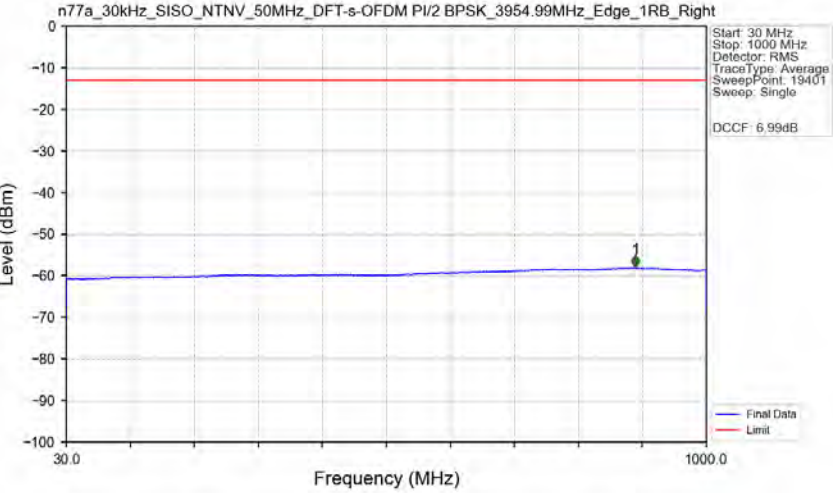
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3810	1	/	1	3792.500	-50.62	-13	Pass
3810	3870	1	/	/	/	/	/	/
3870	39800	1	/	2	38919.500	-40.92	-13	Pass

n77a 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3954.99MHz Edge 1RB Right Ant1



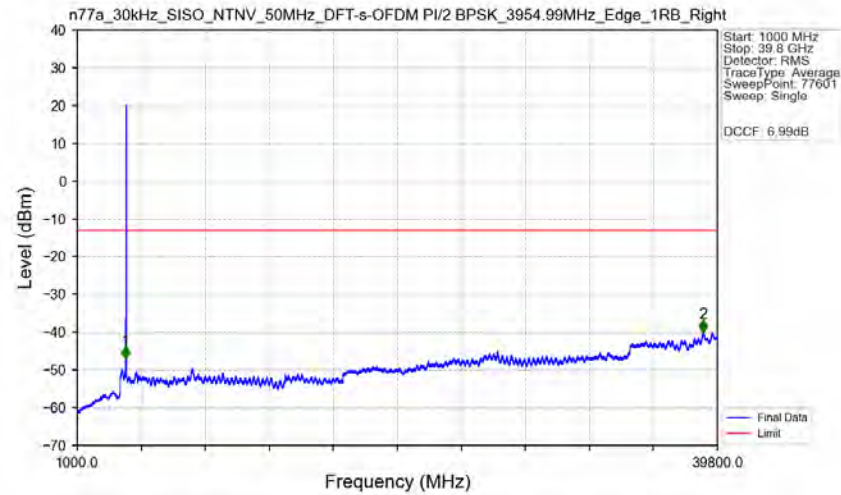
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3924.99	3924.99	0.5	/	1	3924.990	-62.01	-13	Pass
3924.99	3928.99	0.5	CHP	2	3928.170	-49.46	-13	Pass
3928.99	3929.99	0.03	/	3	3929.790	-59.12	-13	Pass
3929.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	4	3979.995	-42.47	-13	Pass
3980.99	3984.99	0.5	CHP	5	3981.240	-46.54	-13	Pass

n77a 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3954.99MHz Edge 1RB Right Ant1



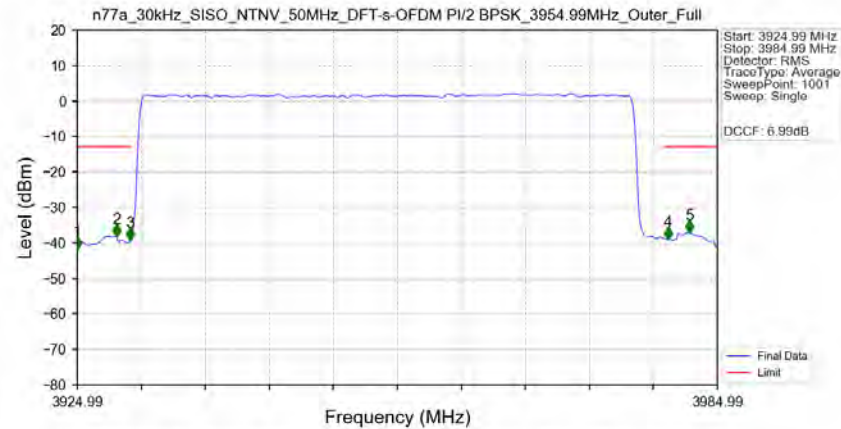
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	892.450	-58.12	-13	Pass

n77a 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3954.99MHz Edge 1RB Right Ant1



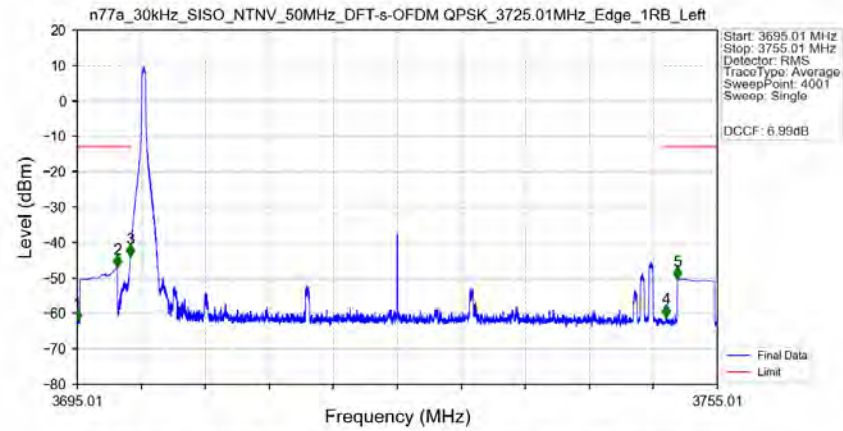
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3924.99	1	/	1	3920.000	-47.10	-13	Pass
3924.99	3984.99	1	/	/	/	/	/	/
3984.99	39800	1	/	2	38926.000	-40.00	-13	Pass

n77a 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3954.99MHz Outer Full Ant1



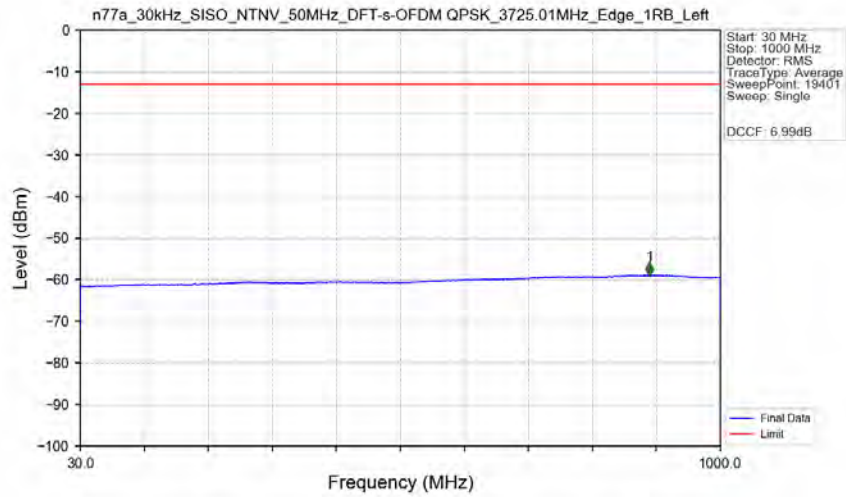
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3924.99	3924.99	0.5	/	1	3924.990	-41.56	-13	Pass
3924.99	3928.99	0.5	CHP	2	3928.710	-38.08	-13	Pass
3928.99	3929.99	0.35	CHP	3	3929.970	-39.10	-13	Pass
3929.99	3979.99	0.35	CHP	/	/	/	/	/
3979.99	3980.99	0.35	CHP	4	3980.370	-38.94	-13	Pass
3980.99	3984.99	0.5	CHP	5	3982.350	-36.99	-13	Pass

n77a 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3725.01MHz Edge 1RB Left Ant1



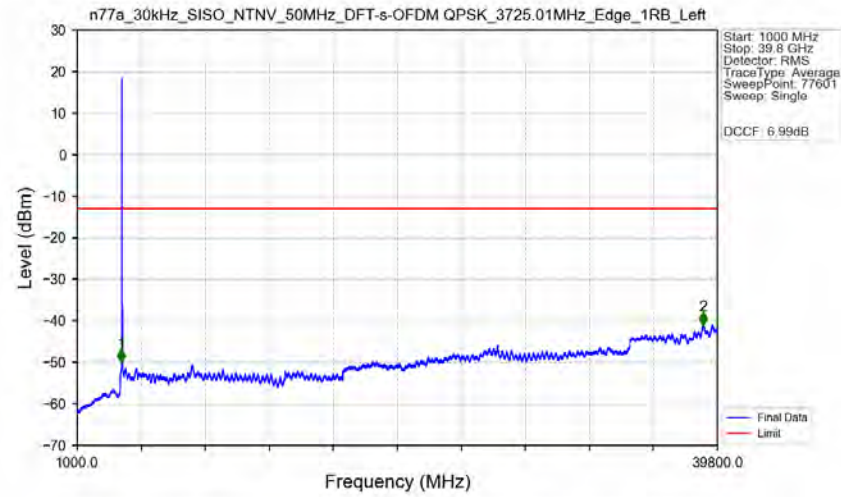
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-61.97	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.760	-46.80	-13	Pass
3699.01	3700.01	0.03	/	3	3699.990	-43.76	-13	Pass
3700.01	3750.01	0.03	/	/	/	/	/	/
3750.01	3751.01	0.03	/	4	3750.195	-60.76	-13	Pass
3751.01	3755.01	0.5	CHP	5	3751.260	-50.25	-13	Pass

n77a 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3725.01MHz Edge 1RB Left Ant1



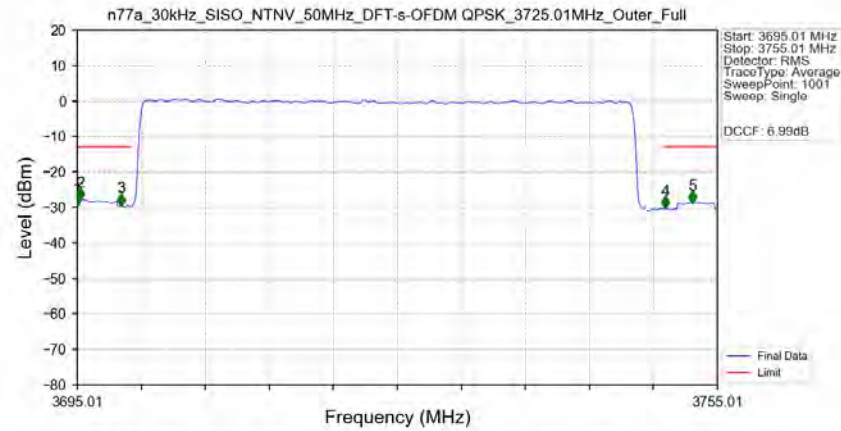
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	892.750	-58.91	-13	Pass

n77a 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3725.01MHz Edge 1RB Left Ant1



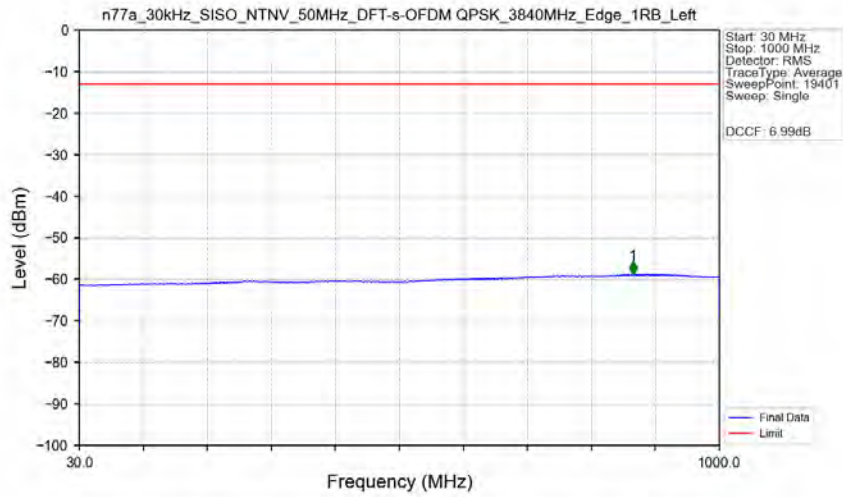
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	3677.500	-49.94	-13	Pass
3695.01	3755.01	1	/	/	/	/	/	/
3755.01	39800	1	/	2	38918.000	-40.97	-13	Pass

n77a 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3725.01MHz Outer_Full Ant1

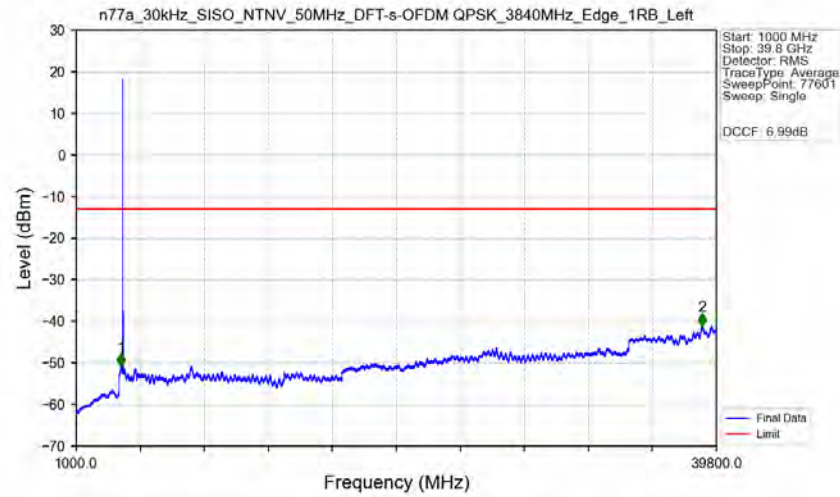


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-29.31	-13	Pass
3695.01	3699.01	0.5	CHP	2	3695.310	-27.77	-13	Pass
3699.01	3700.01	0.35	CHP	3	3699.150	-29.38	-13	Pass
3700.01	3750.01	0.35	CHP	/	/	/	/	/
3750.01	3751.01	0.35	CHP	4	3750.150	-30.12	-13	Pass
3751.01	3755.01	0.5	CHP	5	3752.670	-28.57	-13	Pass

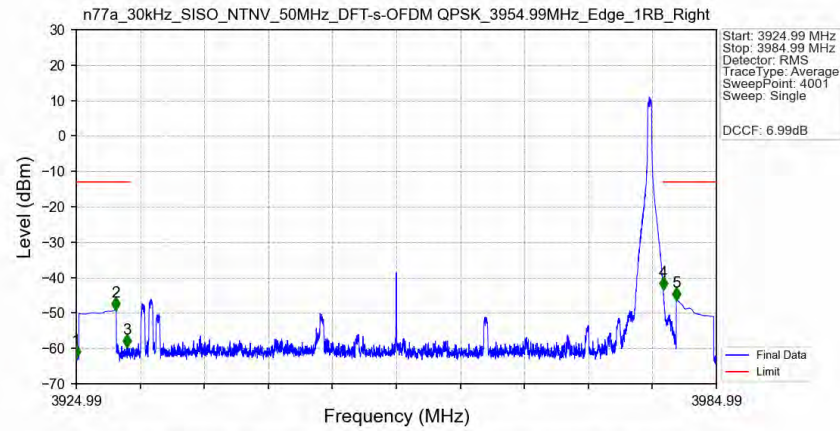
n77a 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3840MHz Edge 1RB Left Ant1



n77a 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3840MHz Edge 1RB Left Ant1

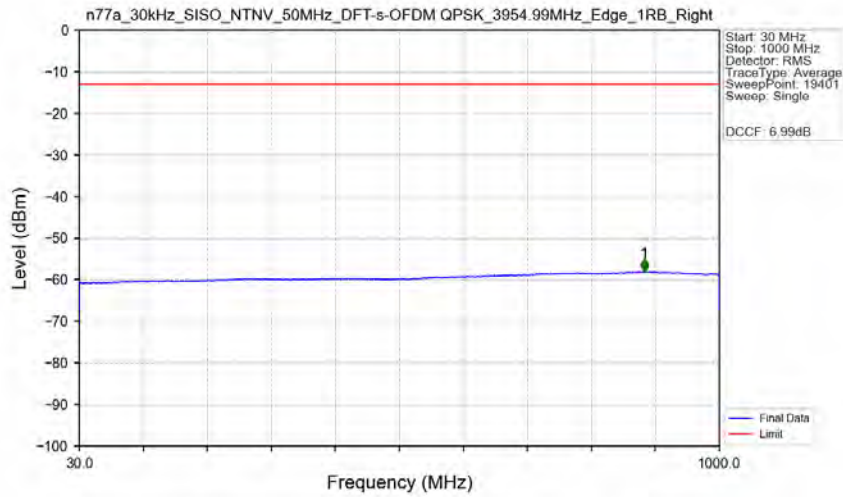


n77a 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3954.99MHz Edge 1RB Right Ant1



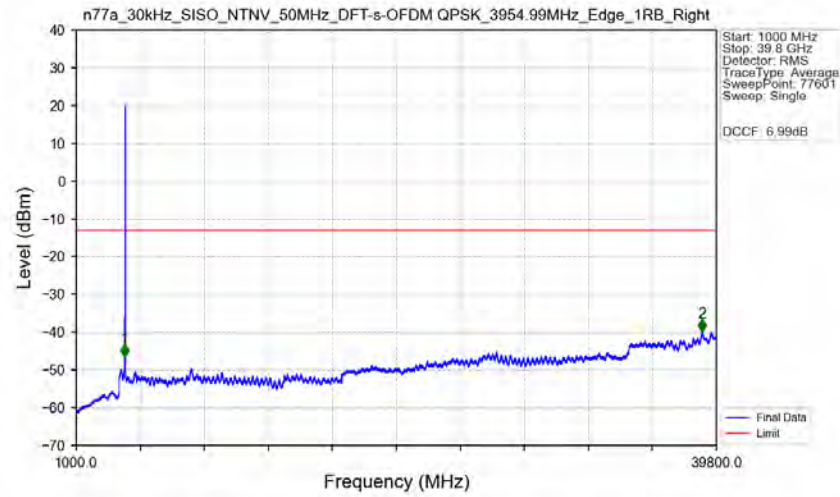
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3924.99	3924.99	0.5	/	1	3924.990	-62.44	-13	Pass
3924.99	3928.99	0.5	CHP	2	3928.680	-48.90	-13	Pass
3928.99	3929.99	0.03	/	3	3929.730	-59.38	-13	Pass
3929.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	4	3979.995	-43.26	-13	Pass
3980.99	3984.99	0.5	CHP	5	3981.240	-46.21	-13	Pass

n77a 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3954.99MHz Edge 1RB Right Ant1



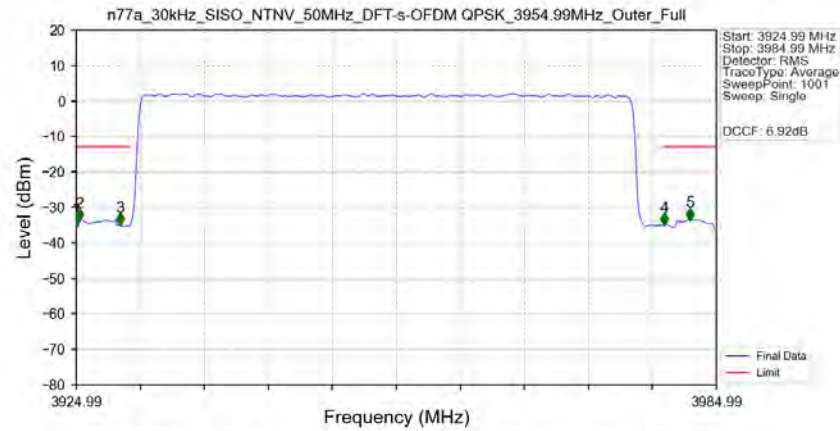
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	886.250	-58.04	-13	Pass

n77a 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3954.99MHz Edge 1RB Right Ant1



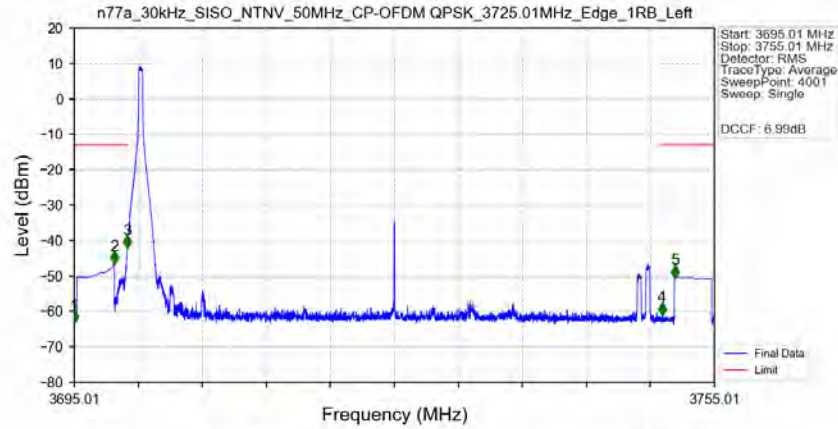
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3924.99	1	/	1	3920.000	-46.49	-13	Pass
3924.99	3984.99	1	/	/	/	/	/	/
3984.99	39800	1	/	2	39843.500	-39.96	-13	Pass

n77a 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3954.99MHz Outer_Full Ant1



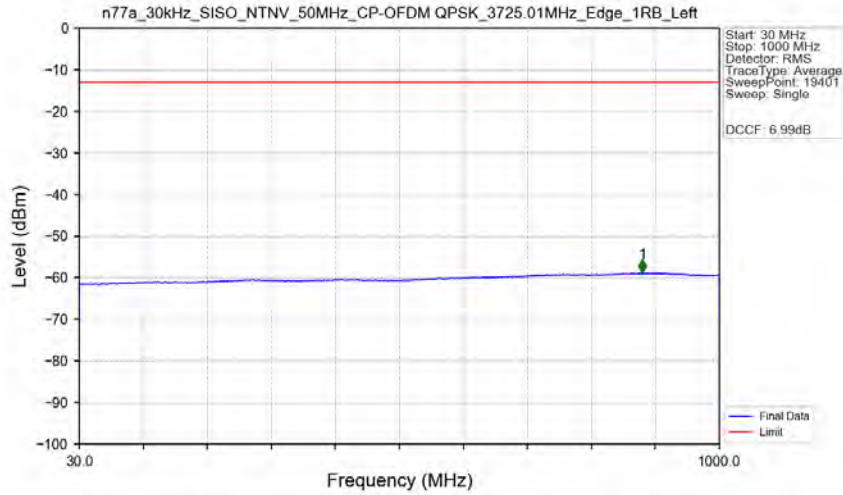
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3924.99	3924.99	0.5	/	1	3924.990	-35.03	-13	Pass
3924.99	3928.99	0.5	CHP	2	3925.290	-33.59	-13	Pass
3928.99	3929.99	0.35	CHP	3	3929.130	-34.80	-13	Pass
3929.99	3979.99	0.35	CHP	/	/	/	/	/
3979.99	3980.99	0.35	CHP	4	3980.130	-34.86	-13	Pass
3980.99	3984.99	0.5	CHP	5	3982.530	-33.44	-13	Pass

n77a 30kHz SISO NTN 50MHz CP-OFDM QPSK 3725.01MHz Edge 1RB Left Ant1



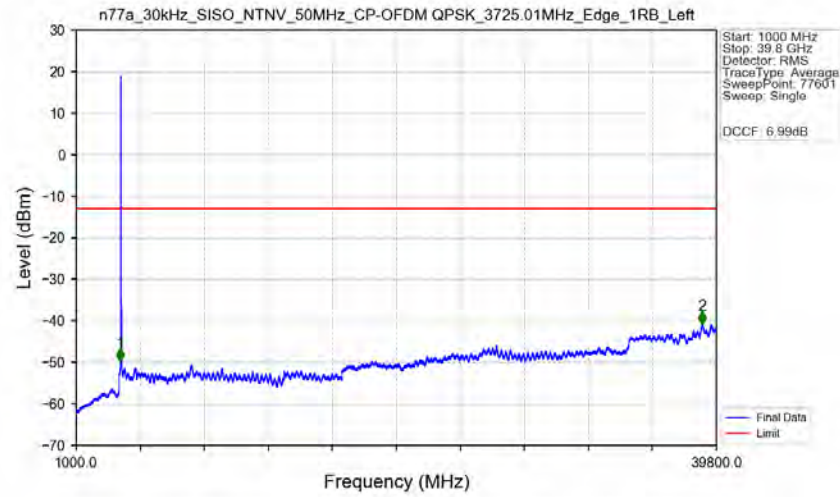
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-62.97	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.760	-46.29	-13	Pass
3699.01	3700.01	0.03	/	3	3699.990	-41.81	-13	Pass
3700.01	3750.01	0.03	/	/	/	/	/	/
3750.01	3751.01	0.03	/	4	3750.090	-60.78	-13	Pass
3751.01	3755.01	0.5	CHP	5	3751.335	-50.32	-13	Pass

n77a 30kHz SISO NTN 50MHz CP-OFDM QPSK 3725.01MHz Edge 1RB Left Ant1



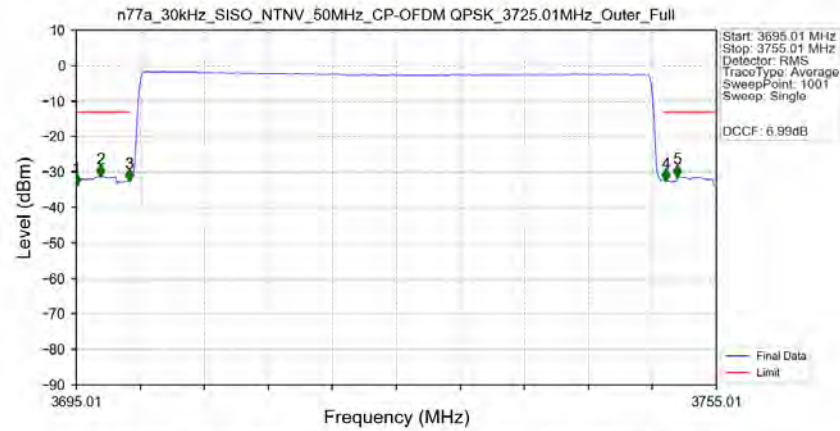
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	883.550	-58.85	-13	Pass

n77a 30kHz SISO NTN 50MHz CP-OFDM QPSK 3725.01MHz Edge 1RB Left Ant1



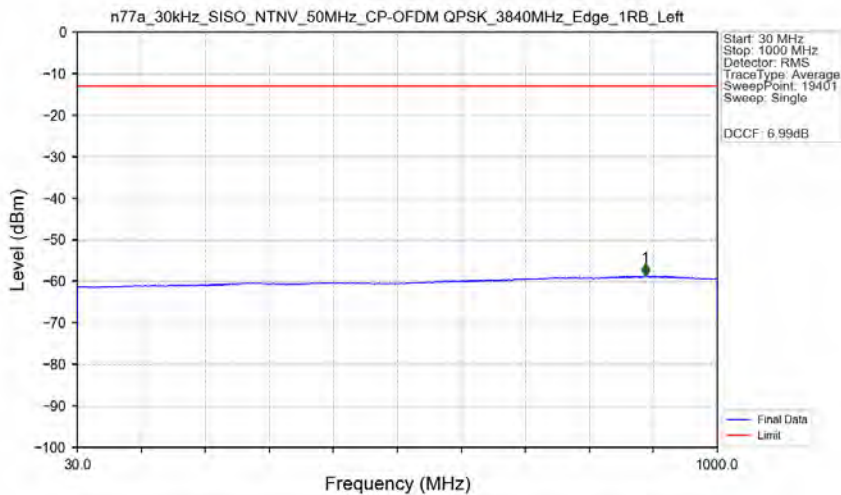
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	3677.500	-49.67	-13	Pass
3695.01	3755.01	1	/	/	/	/	/	/
3755.01	39800	1	/	2	38914.500	-40.76	-13	Pass

n77a 30kHz SISO NTN 50MHz CP-OFDM QPSK 3725.01MHz Outer Full Ant1



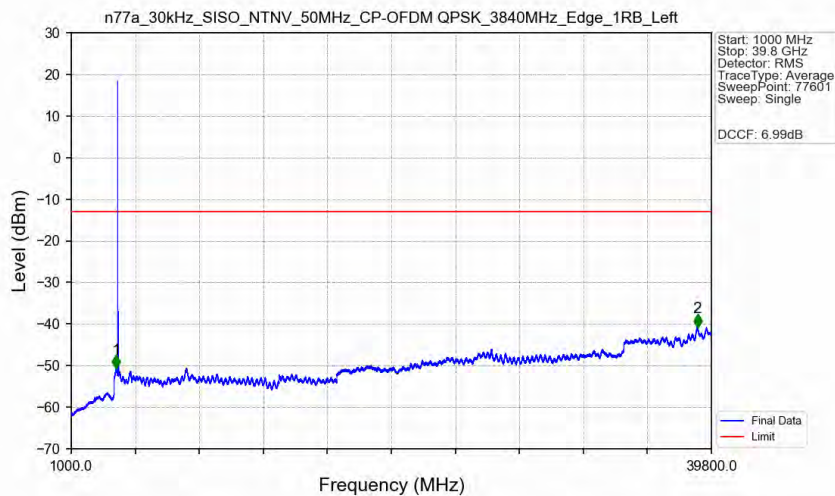
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-33.70	-13	Pass
3695.01	3699.01	0.5	CHP	2	3697.290	-31.12	-13	Pass
3699.01	3700.01	0.35	CHP	3	3699.990	-32.40	-13	Pass
3700.01	3750.01	0.35	CHP	/	/	/	/	/
3750.01	3751.01	0.35	CHP	4	3750.270	-32.38	-13	Pass
3751.01	3755.01	0.5	CHP	5	3751.290	-31.28	-13	Pass

n77a 30kHz SISO NTN 50MHz CP-OFDM QPSK 3840MHz Edge 1RB Left Ant1



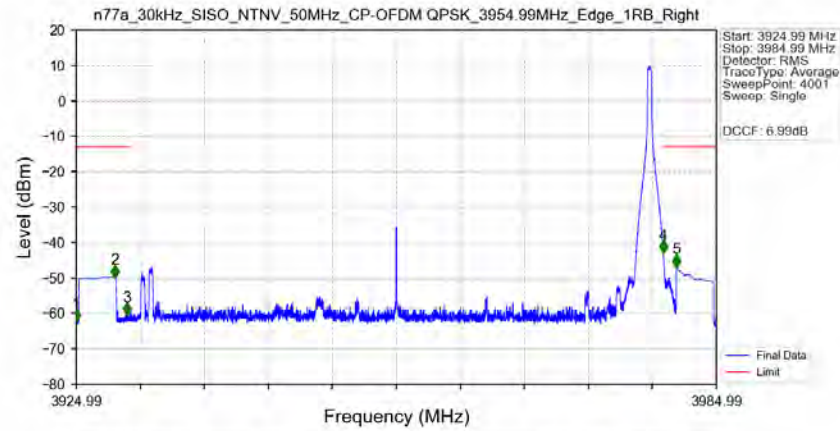
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	890.600	-58.75	-13	Pass

n77a 30kHz SISO NTN 50MHz CP-OFDM QPSK 3840MHz Edge 1RB Left Ant1



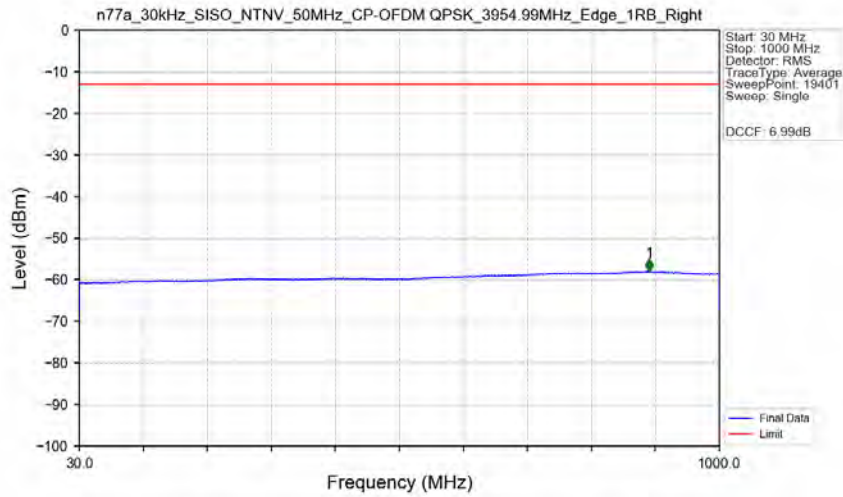
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3810	1	/	1	3711.500	-50.65	-13	Pass
3810	3870	1	/	/	/	/	/	/
3870	39800	1	/	2	38953.500	-40.71	-13	Pass

n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3954.99MHz_Edge_1RB_Right_Ant1



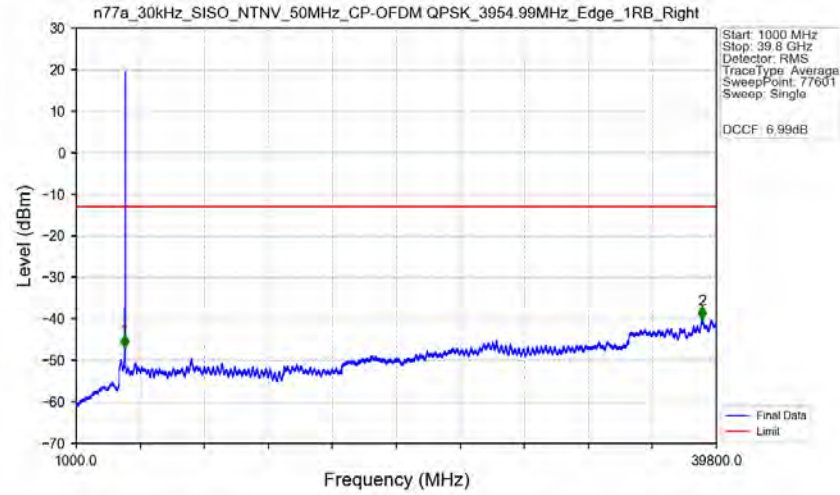
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3924.99	3924.99	0.5	/	1	3924.990	-62.01	-13	Pass
3924.99	3928.99	0.5	CHP	2	3928.620	-49.69	-13	Pass
3928.99	3929.99	0.03	/	3	3929.745	-60.31	-13	Pass
3929.99	3979.99	0.03	/	/	/	/	/	/
3979.99	3980.99	0.03	/	4	3979.995	-42.66	-13	Pass
3980.99	3984.99	0.5	CHP	5	3981.240	-46.65	-13	Pass

n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3954.99MHz_Edge_1RB_Right_Ant1



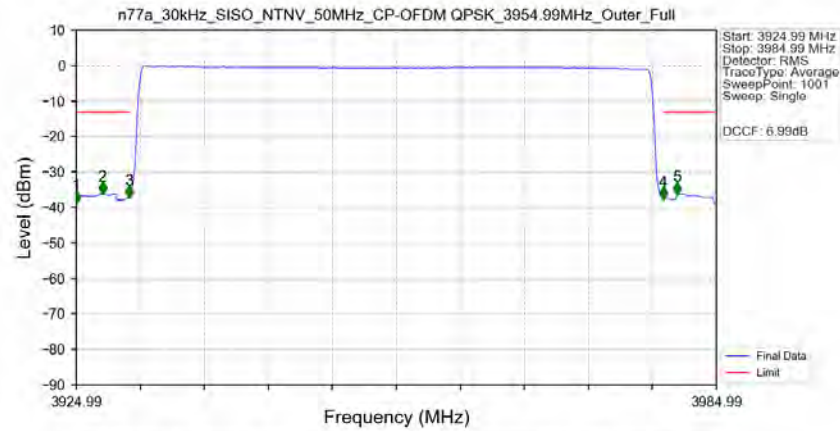
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	893.750	-58.02	-13	Pass

n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3954.99MHz_Edge_1RB_Right Ant1



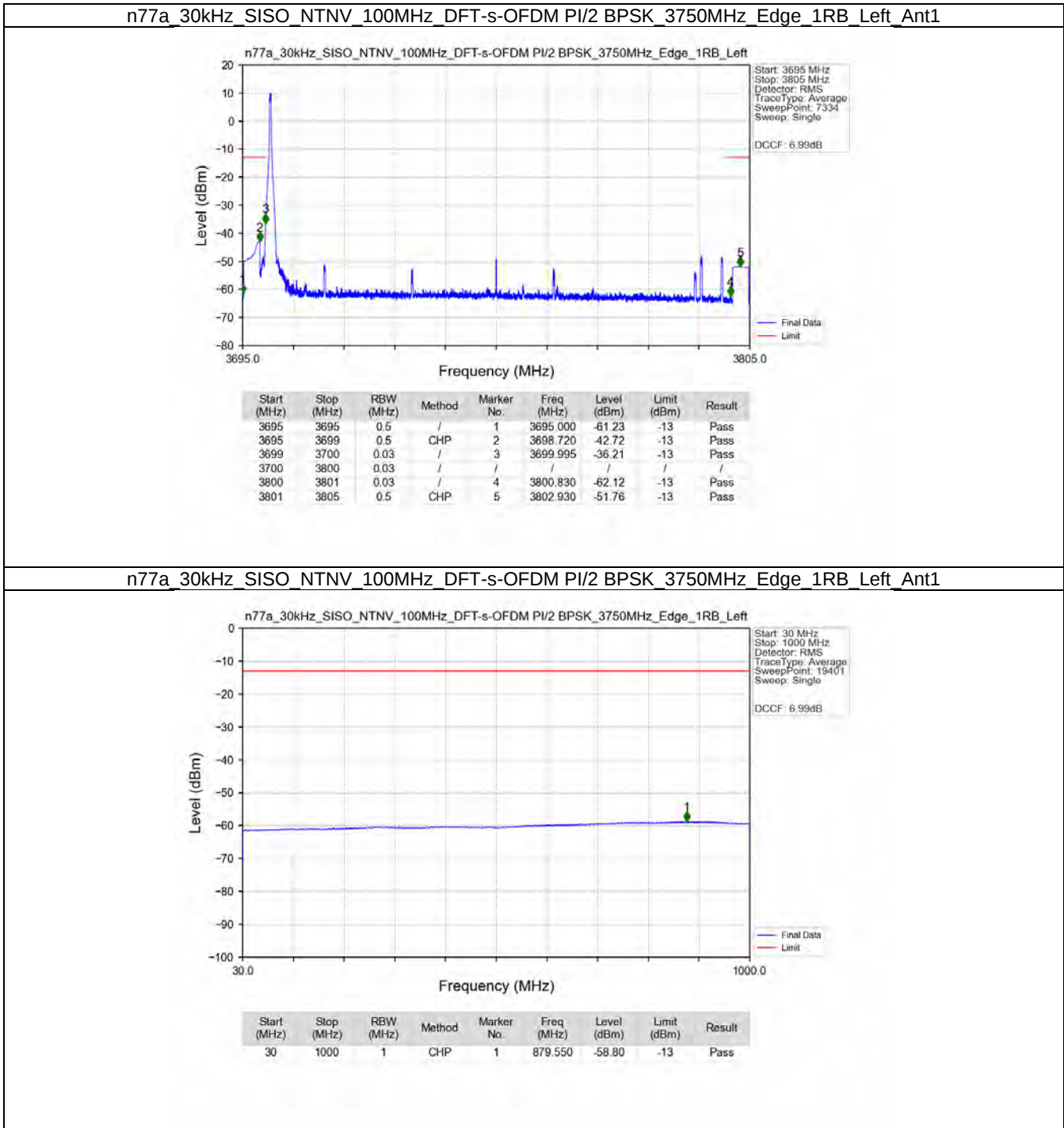
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3924.99	1	/	1	3917.500	-46.94	-13	Pass
3924.99	3984.99	1	/	/	/	/	/	/
3984.99	39800	1	/	2	38943.500	-40.05	-13	Pass

n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3954.99MHz_Outer_Full_Ant1

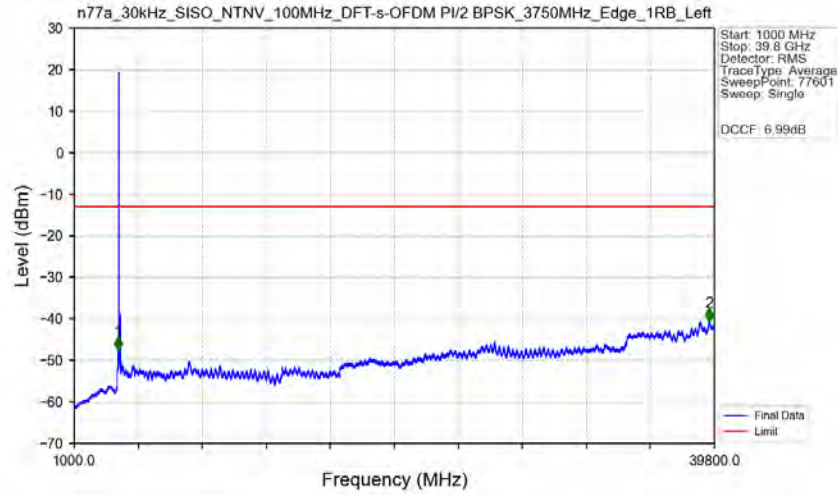


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3924.99	3924.99	0.5	/	1	3924.990	-38.54	-13	Pass
3924.99	3928.99	0.5	CHP	2	3927.450	-36.09	-13	Pass
3928.99	3929.99	0.35	CHP	3	3929.970	-37.07	-13	Pass
3929.99	3979.99	0.35	CHP	/	/	/	/	/
3979.99	3980.99	0.35	CHP	4	3980.010	-37.52	-13	Pass
3980.99	3984.99	0.5	CHP	5	3981.270	-36.19	-13	Pass

5.2.3 30k_SISO_100MHz_NTNV

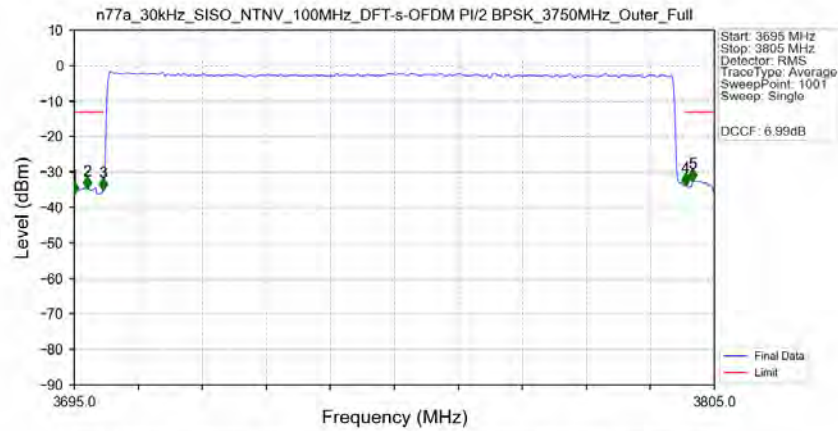


n77a 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 3750MHz Edge 1RB Left Ant1



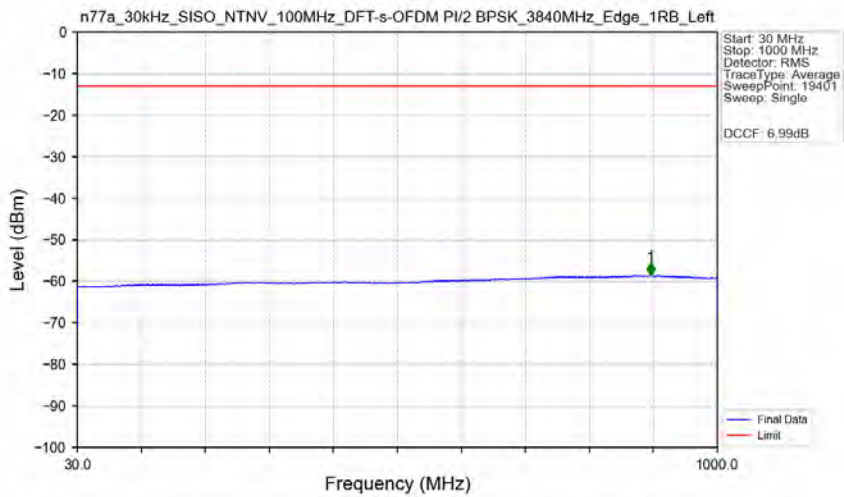
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3652.000	-47.53	-13	Pass
3695	3805	1	/	/	/	/	/	/
3805	39800	1	/	2	39494.000	-40.66	-13	Pass

n77a 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 3750MHz Outer Full Ant1



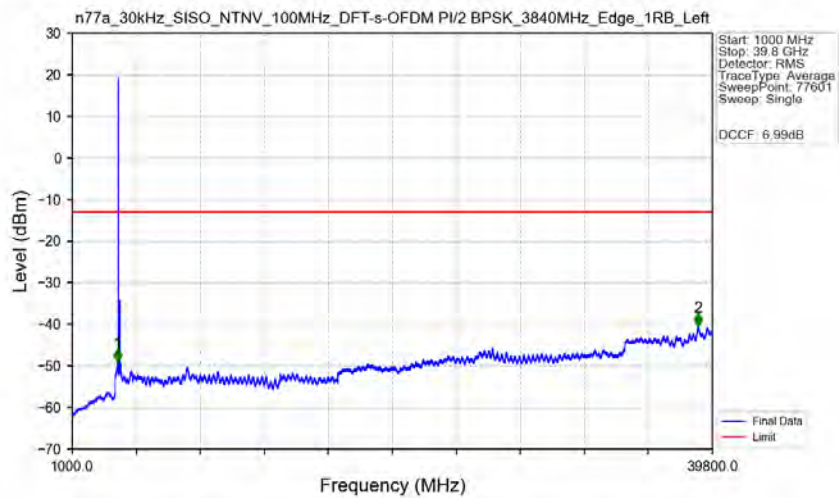
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-35.95	-13	Pass
3695	3699	0.5	CHP	2	3697.200	-34.52	-13	Pass
3699	3700	0.35	CHP	3	3699.950	-35.03	-13	Pass
3700	3800	0.35	CHP	/	/	/	/	/
3800	3801	0.35	CHP	4	3800.050	-33.67	-13	Pass
3801	3805	0.5	CHP	5	3801.260	-32.47	-13	Pass

n77a 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 3840MHz Edge 1RB Left Ant1



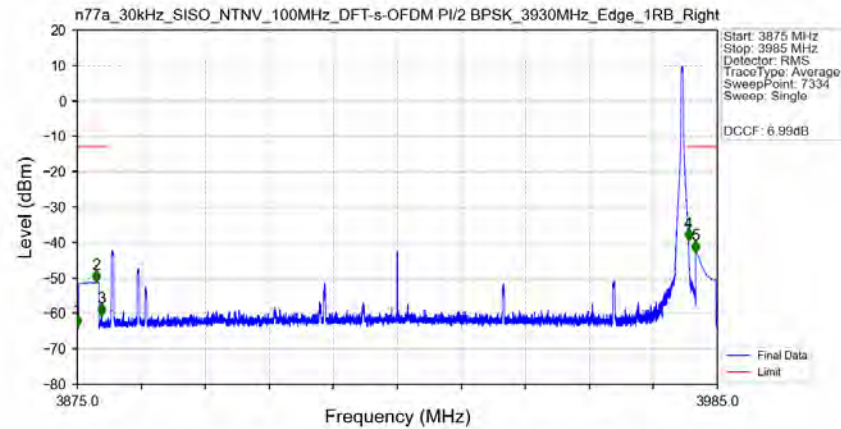
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	899.100	-58.53	-13	Pass

n77a 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 3840MHz Edge 1RB Left Ant1



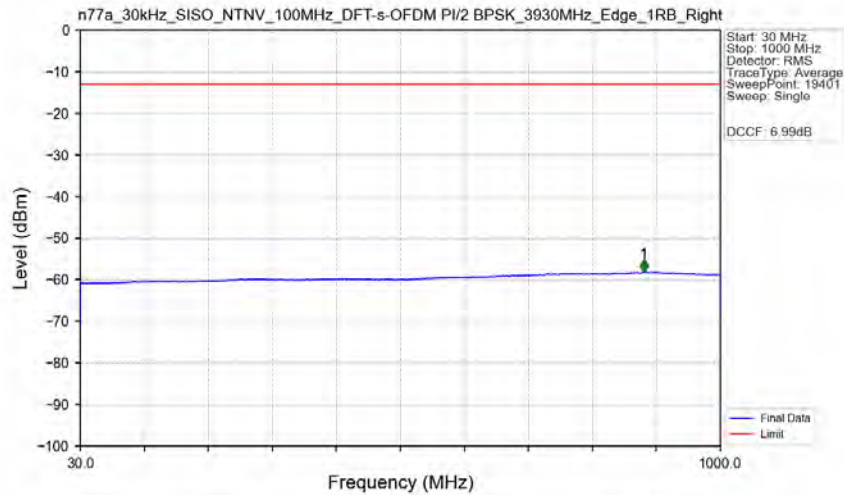
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3785	1	/	1	3742.000	-48.92	-13	Pass
3785	3895	1	/	/	/	/	/	/
3895	39800	1	/	2	38924.000	-40.51	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_3930MHz_Edge_1RB_Right_Ant1



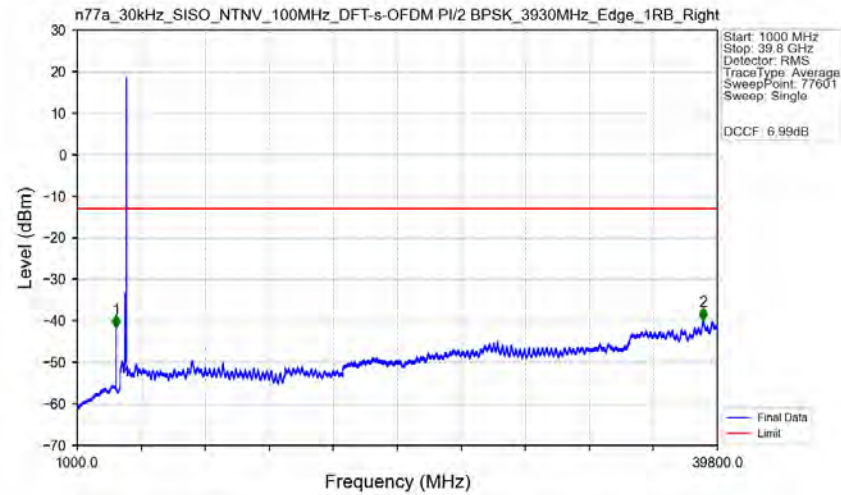
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3875	0.5	/	1	3875.000	-63.59	-13	Pass
3875	3879	0.5	CHP	2	3878.285	-51.06	-13	Pass
3879	3880	0.03	/	3	3879.140	-60.43	-13	Pass
3880	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	4	3980.005	-39.30	-13	Pass
3981	3985	0.5	CHP	5	3981.265	-42.73	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_PI/2_BPSK_3930MHz_Edge_1RB_Right_Ant1



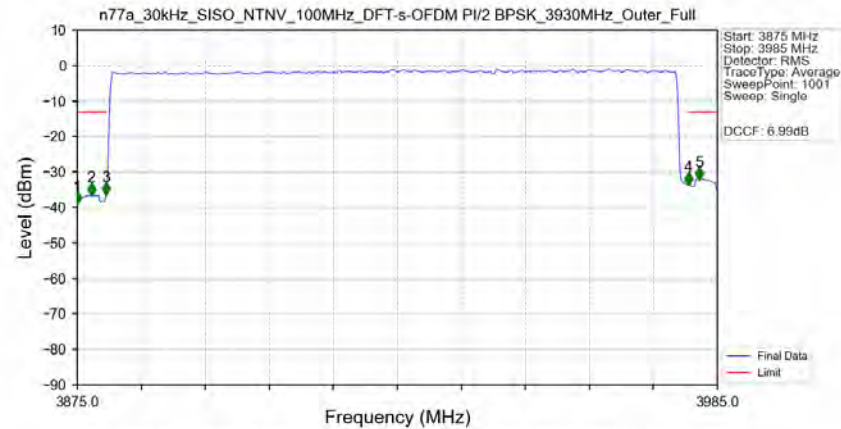
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	883.850	-58.20	-13	Pass

n77a 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 3930MHz Edge 1RB Right Ant1



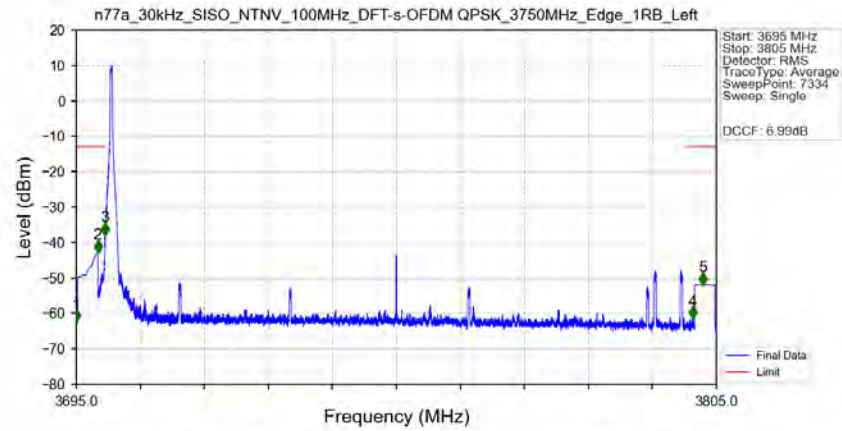
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3875	1	/	1	3355.000	-41.74	-13	Pass
3875	3985	1	/	/	/	/	/	/
3985	39800	1	/	2	38937.000	-39.93	-13	Pass

n77a 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 3930MHz Outer Full Ant1



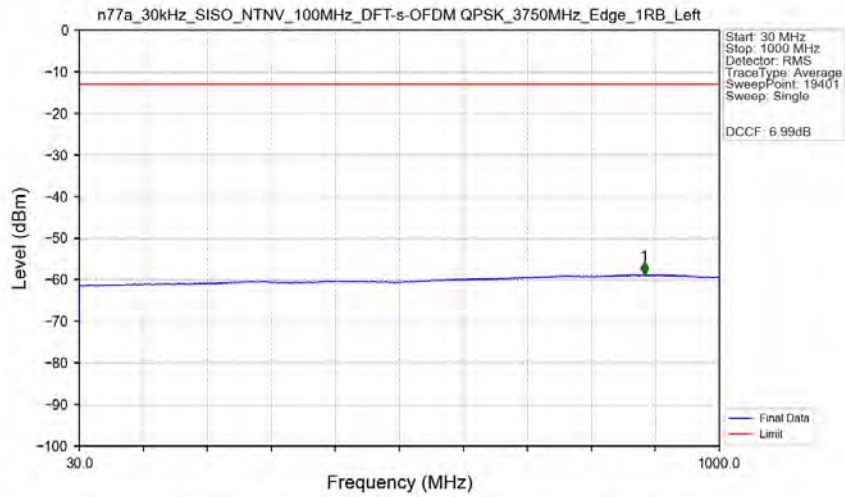
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3875	0.5	/	1	3875.000	-38.89	-13	Pass
3875	3879	0.5	CHP	2	3877.420	-36.40	-13	Pass
3879	3880	0.35	CHP	3	3879.950	-36.26	-13	Pass
3880	3980	0.35	CHP	/	/	/	/	/
3980	3981	0.35	CHP	4	3980.050	-33.36	-13	Pass
3981	3985	0.5	CHP	5	3981.920	-31.94	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant1



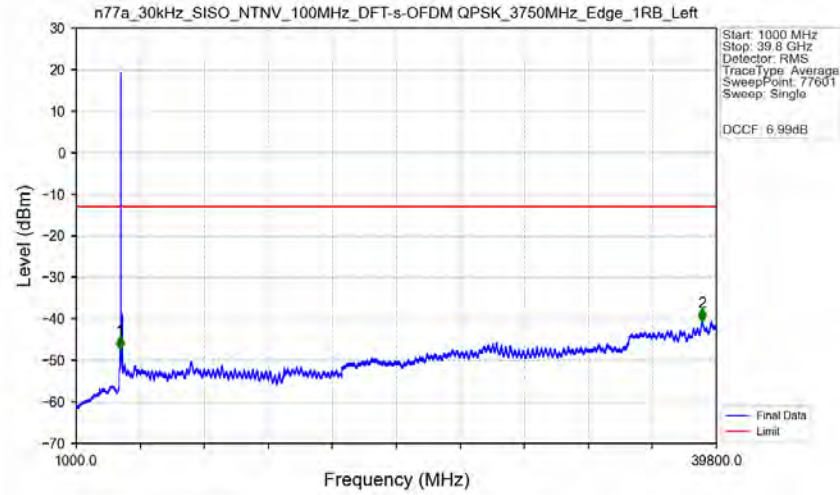
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-62.21	-13	Pass
3695	3699	0.5	CHP	2	3698.720	-42.61	-13	Pass
3699	3700	0.03	/	3	3699.995	-37.70	-13	Pass
3700	3800	0.03	/	/	/	/	/	/
3800	3801	0.03	/	4	3800.905	-61.27	-13	Pass
3801	3805	0.5	CHP	5	3802.675	-51.79	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant1



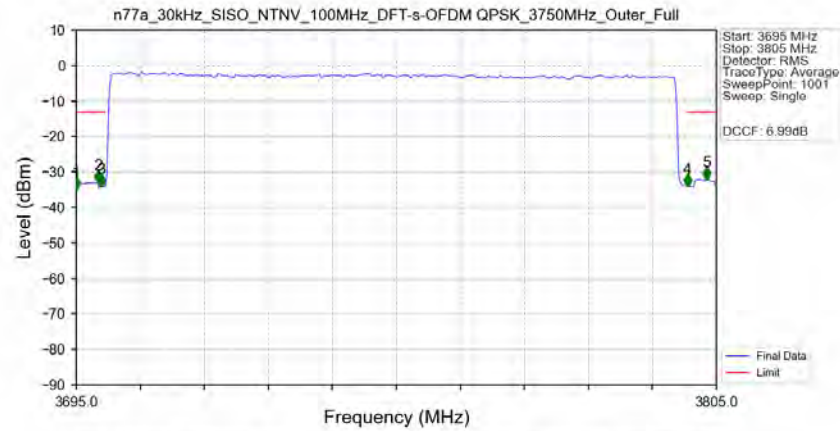
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	885.950	-58.76	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3750MHz_Edge_1RB_Left Ant1



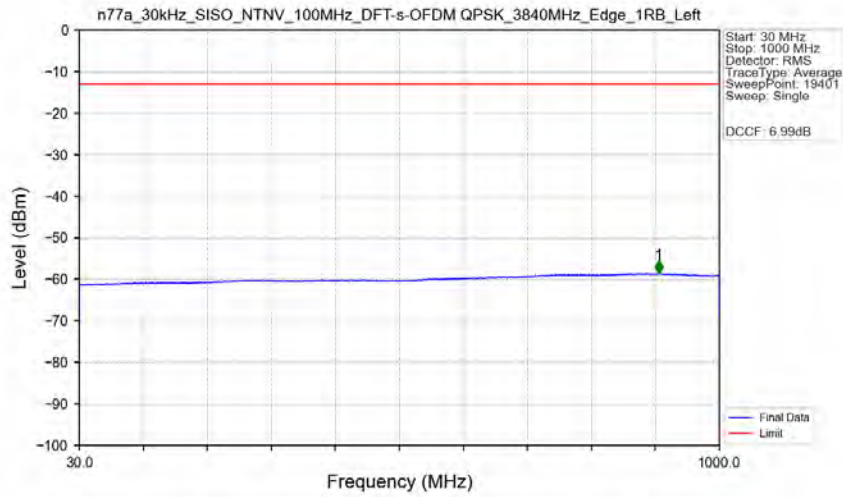
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3652.000	-47.29	-13	Pass
3695	3805	1	/	/	/	/	/	/
3805	39800	1	/	2	38934.000	-40.56	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3750MHz_Outer_Full Ant1

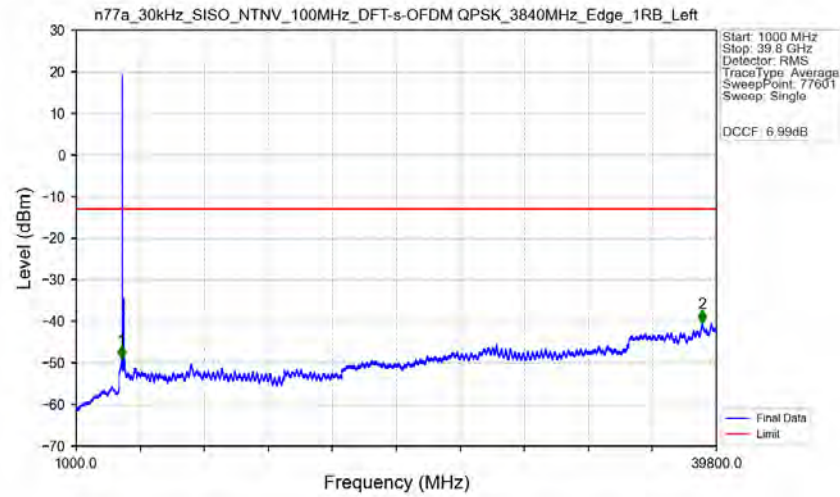


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-34.74	-13	Pass
3695	3699	0.5	CHP	2	3698.740	-32.87	-13	Pass
3699	3700	0.35	CHP	3	3699.290	-33.99	-13	Pass
3700	3800	0.35	CHP	/	/	/	/	/
3800	3801	0.35	CHP	4	3800.050	-33.87	-13	Pass
3801	3805	0.5	CHP	5	3803.350	-32.04	-13	Pass

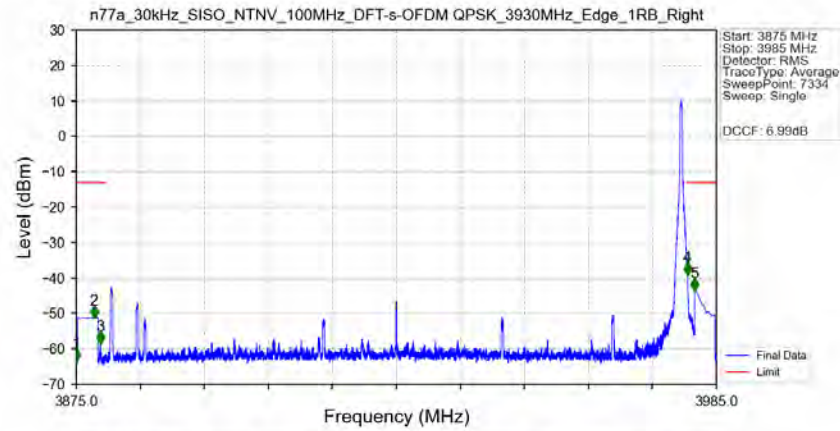
n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant1



n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3840MHz_Edge_1RB_Left_Ant1

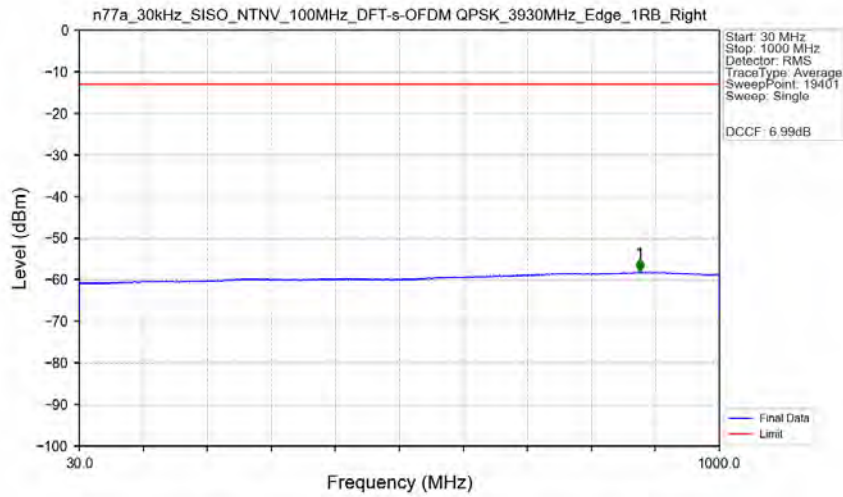


n77a 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 3930MHz Edge 1RB Right Ant1



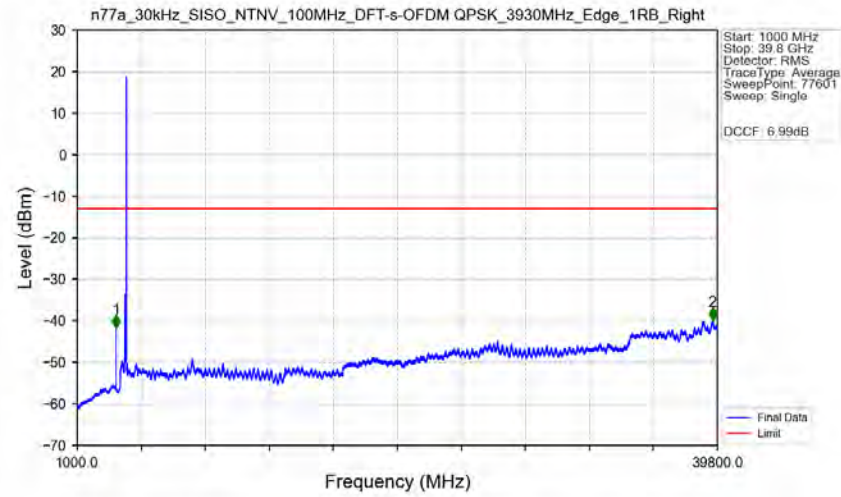
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3875	0.5	/	1	3875.000	-63.23	-13	Pass
3875	3879	0.5	CHP	2	3878.075	-51.03	-13	Pass
3879	3880	0.03	/	3	3879.125	-58.41	-13	Pass
3880	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	4	3980.020	-38.97	-13	Pass
3981	3985	0.5	CHP	5	3981.265	-43.35	-13	Pass

n77a 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 3930MHz Edge 1RB Right Ant1



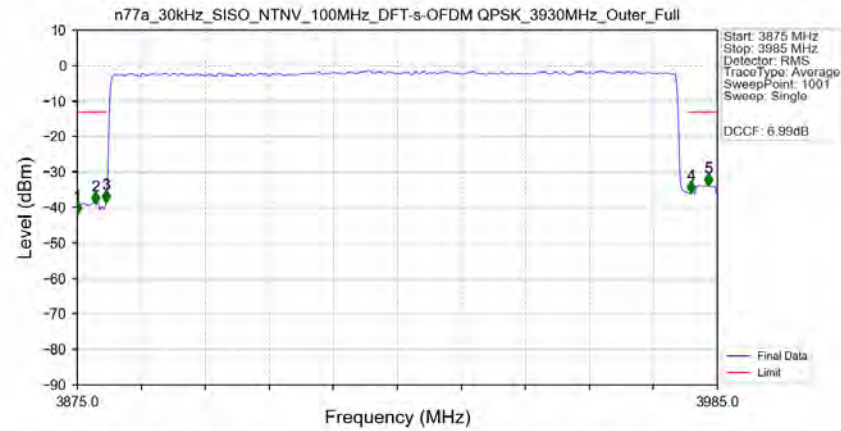
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	879.550	-58.12	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3930MHz_Edge_1RB_Right_Ant1



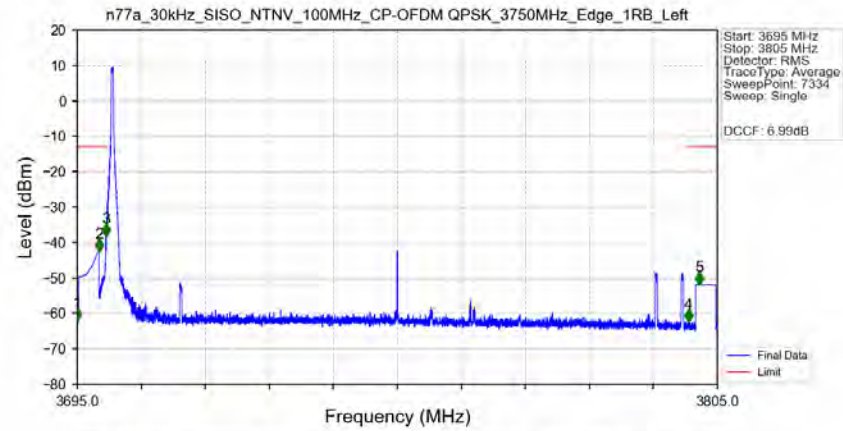
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3875	1	/	1	3355.000	-41.76	-13	Pass
3875	3985	1	/	/	/	/	/	/
3985	39800	1	/	2	39506.500	-39.88	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3930MHz_Outer_Full_Ant1



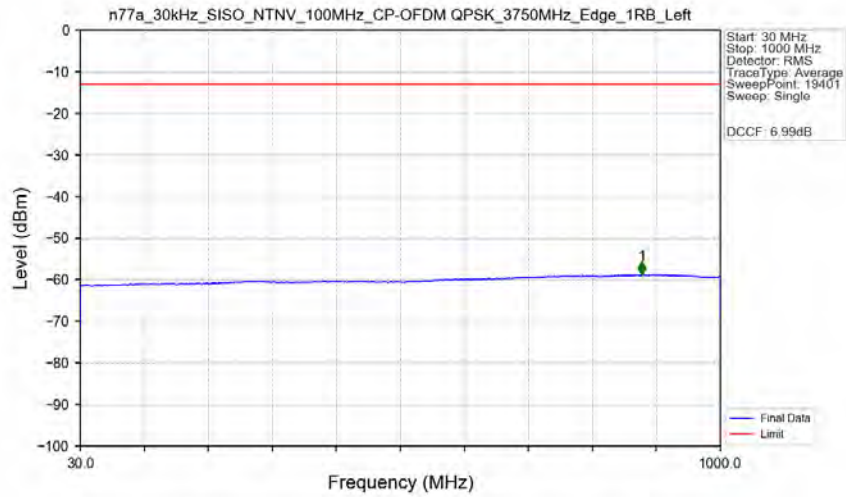
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3875	0.5	/	1	3875.000	-41.61	-13	Pass
3875	3879	0.5	CHP	2	3878.080	-38.88	-13	Pass
3879	3880	0.35	CHP	3	3879.950	-38.36	-13	Pass
3880	3980	0.35	CHP	/	/	/	/	/
3980	3981	0.35	CHP	4	3980.490	-35.77	-13	Pass
3981	3985	0.5	CHP	5	3983.460	-33.66	-13	Pass

n77a 30kHz SISO NTN 100MHz CP-OFDM QPSK 3750MHz Edge 1RB Left Ant1



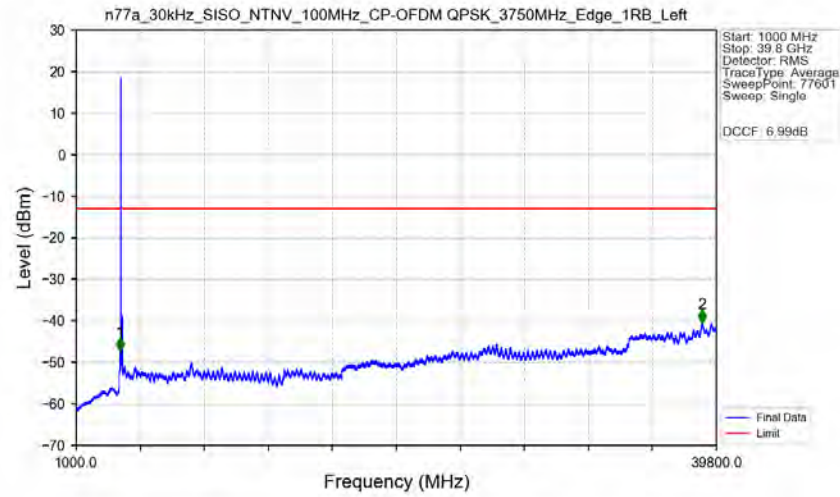
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-61.72	-13	Pass
3695	3699	0.5	CHP	2	3698.735	-42.35	-13	Pass
3699	3700	0.03	/	3	3699.965	-38.05	-13	Pass
3700	3800	0.03	/	/	/	/	/	/
3800	3801	0.03	/	4	3800.050	-62.20	-13	Pass
3801	3805	0.5	CHP	5	3801.865	-51.77	-13	Pass

n77a 30kHz SISO NTN 100MHz CP-OFDM QPSK 3750MHz Edge 1RB Left Ant1



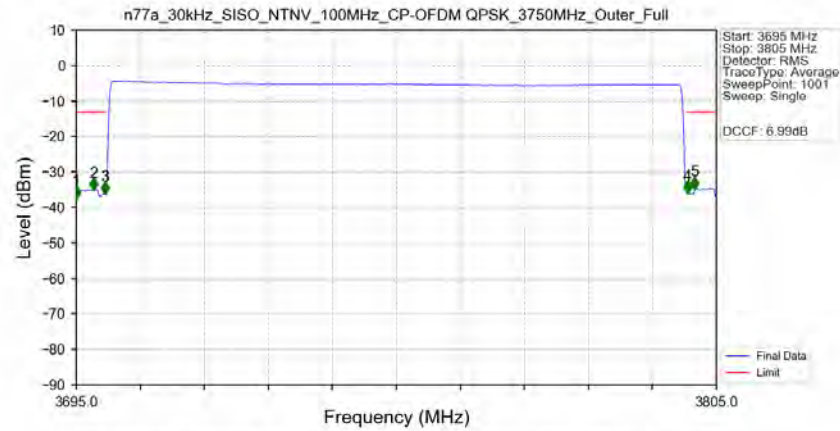
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	881.200	-58.75	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Edge_1RB_Left Ant1



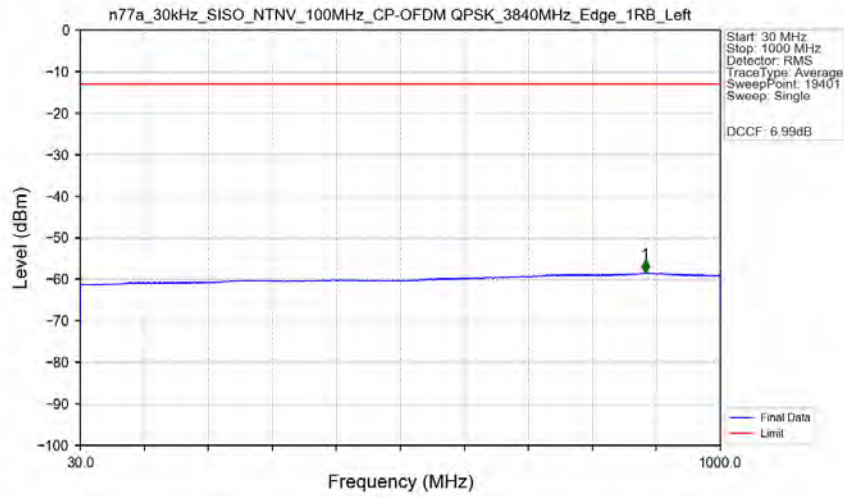
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3652.000	-47.17	-13	Pass
3695	3805	1	/	/	/	/	/	/
3805	39800	1	/	2	38951.500	-40.47	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Outer_Full Ant1



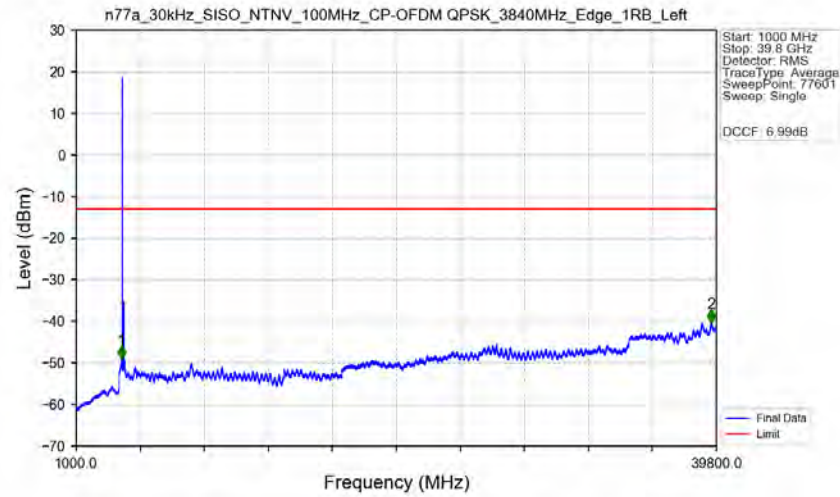
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-37.25	-13	Pass
3695	3699	0.5	CHP	2	3697.970	-35.02	-13	Pass
3699	3700	0.35	CHP	3	3699.950	-36.03	-13	Pass
3700	3800	0.35	CHP	/	/	/	/	/
3800	3801	0.35	CHP	4	3800.050	-35.79	-13	Pass
3801	3805	0.5	CHP	5	3801.260	-34.70	-13	Pass

n77a 30kHz SISO NTN 100MHz CP-OFDM QPSK 3840MHz Edge 1RB Left Ant1



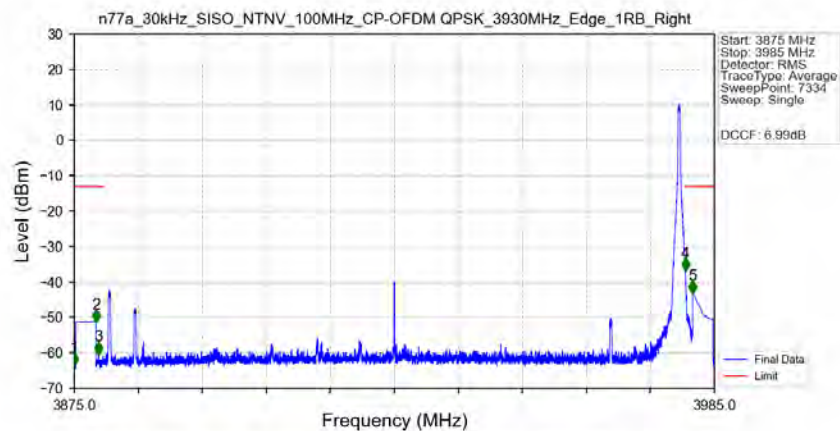
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	886.200	-58.48	-13	Pass

n77a 30kHz SISO NTN 100MHz CP-OFDM QPSK 3840MHz Edge 1RB Left Ant1



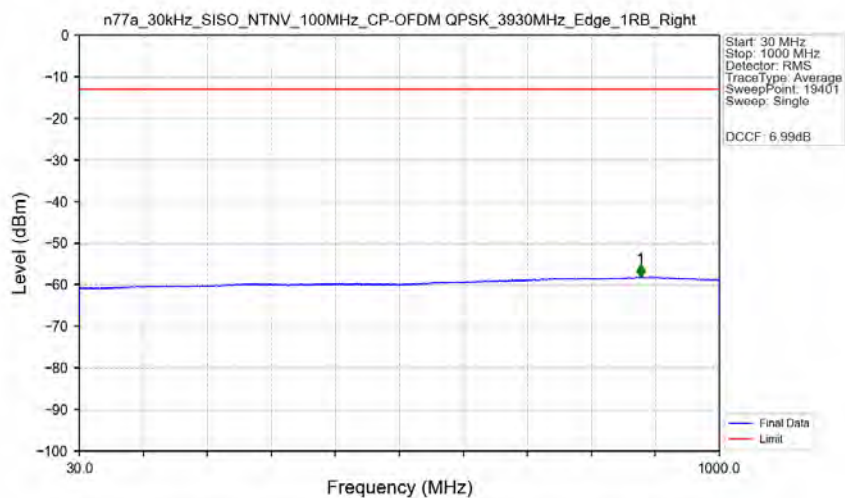
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3785	1	/	1	3742.000	-49.04	-13	Pass
3785	3895	1	/	/	/	/	/	/
3895	39800	1	/	2	39489.500	-40.30	-13	Pass

n77a 30kHz SISO NTN 100MHz CP-OFDM QPSK 3930MHz Edge 1RB Right Ant1



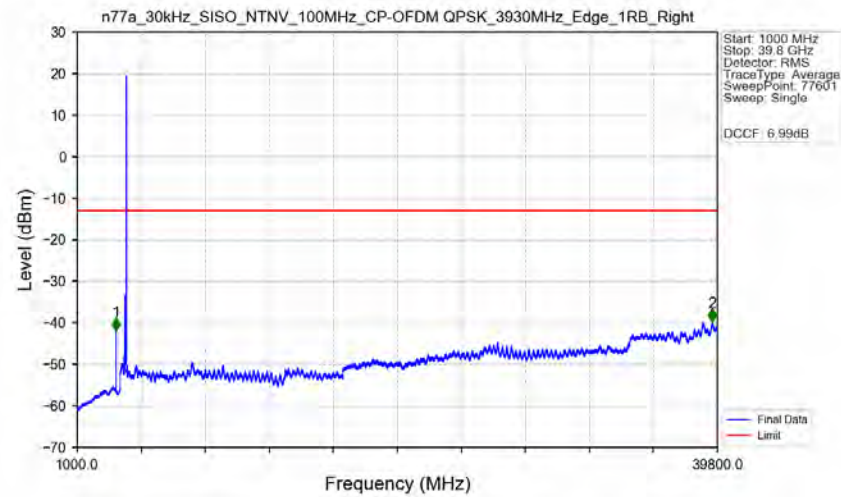
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3875	0.5	/	1	3875.000	-63.26	-13	Pass
3875	3879	0.5	CHP	2	3878.735	-51.05	-13	Pass
3879	3880	0.03	/	3	3879.155	-60.16	-13	Pass
3880	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	4	3980.005	-36.52	-13	Pass
3981	3985	0.5	CHP	5	3981.265	-43.00	-13	Pass

n77a 30kHz SISO NTN 100MHz CP-OFDM QPSK 3930MHz Edge 1RB Right Ant1



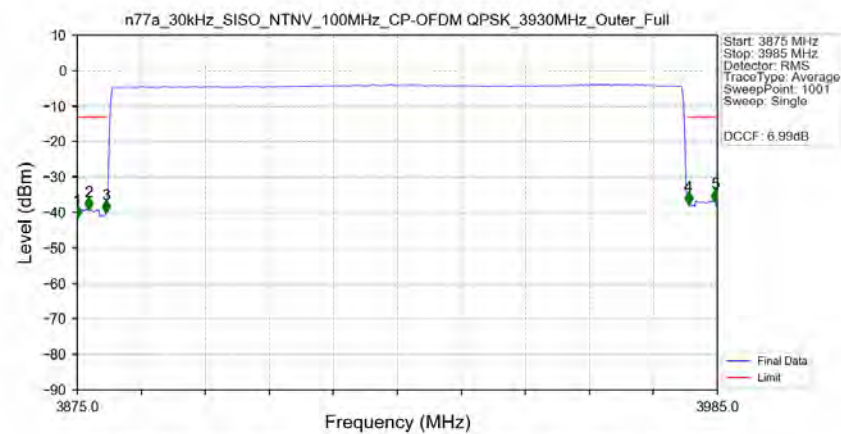
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	880.500	-58.17	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3930MHz_Edge_1RB_Right_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3875	1	/	1	3355.000	-41.85	-13	Pass
3875	3985	1	/	/	/	/	/	/
3985	39800	1	/	2	39495.500	-39.77	-13	Pass

n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3930MHz_Outer_Full_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3875	3875	0.5	/	1	3875.000	-41.45	-13	Pass
3875	3879	0.5	CHP	2	3876.980	-39.02	-13	Pass
3879	3880	0.35	CHP	3	3879.950	-39.84	-13	Pass
3880	3980	0.35	CHP	/	/	/	/	/
3980	3981	0.35	CHP	4	3980.050	-37.56	-13	Pass
3981	3985	0.5	CHP	5	3984.560	-36.78	-13	Pass

6. Field Strength of Spurious Radiation

NR N77b (3700-3980)-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	-52.89	-13	-39.89	-59.58	4.94	11.63	Horizontal	Pass
11115.0	-54.87	-13	-41.87	-62.32	5.81	13.26	Horizontal	Pass
14820.0	-54.26	-13	-41.26	-61.82	6.92	14.48	Horizontal	Pass
7410.0	-53.93	-13	-40.93	-60.62	4.94	11.63	Vertical	Pass
11115.0	-55.1	-13	-42.1	-62.55	5.81	13.26	Vertical	Pass
14820.0	-54.44	-13	-41.44	-62.0	6.92	14.48	Vertical	Pass

NR N77b (3700-3980)-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	-52.51	-13	-39.51	-59.41	4.95	11.85	Horizontal	Pass
11385.0	-55.57	-13	-42.57	-62.96	5.86	13.25	Horizontal	Pass
15180.0	-53.61	-13	-40.61	-60.94	7.09	14.42	Horizontal	Pass
7590.0	-55.66	-13	-42.66	-62.56	4.95	11.85	Vertical	Pass
11385.0	-55.35	-13	-42.35	-62.74	5.86	13.25	Vertical	Pass
15180.0	-53.94	-13	-40.94	-61.27	7.09	14.42	Vertical	Pass

NR N77b (3700-3980)-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	-55.54	-13	-42.54	-62.64	4.96	12.06	Horizontal	Pass
11655.0	-54.66	-13	-41.66	-62.01	5.9	13.25	Horizontal	Pass
15540.0	-51.12	-13	-38.12	-58.22	7.12	14.22	Horizontal	Pass
7770.0	-53.38	-13	-40.38	-60.48	4.96	12.06	Vertical	Pass
11655.0	-54.78	-13	-41.78	-62.13	5.9	13.25	Vertical	Pass
15540.0	-53.09	-13	-40.09	-60.19	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	-59.94	-13	-46.94	-66.63	4.94	11.63	Horizontal	Pass
11115.0	-55.11	-13	-42.11	-62.56	5.81	13.26	Horizontal	Pass
14820.0	-54.21	-13	-41.21	-61.77	6.92	14.48	Horizontal	Pass
7410.0	-58.71	-13	-45.71	-65.4	4.94	11.63	Vertical	Pass
11115.0	-54.99	-13	-41.99	-62.44	5.81	13.26	Vertical	Pass
14820.0	-54.29	-13	-41.29	-61.85	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	-59.56	-13	-46.56	-66.46	4.95	11.85	Horizontal	Pass
11385.0	-56.0	-13	-43.0	-63.39	5.86	13.25	Horizontal	Pass
15180.0	-53.96	-13	-40.96	-61.29	7.09	14.42	Horizontal	Pass
7590.0	-59.86	-13	-46.86	-66.76	4.95	11.85	Vertical	Pass
11385.0	-55.89	-13	-42.89	-63.28	5.86	13.25	Vertical	Pass
15180.0	-54.1	-13	-41.1	-61.43	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	-59.19	-13	-46.19	-66.29	4.96	12.06	Horizontal	Pass
11655.0	-55.8	-13	-42.8	-63.15	5.9	13.25	Horizontal	Pass
15540.0	-54.17	-13	-41.17	-61.27	7.12	14.22	Horizontal	Pass
7770.0	-58.26	-13	-45.26	-65.36	4.96	12.06	Vertical	Pass
11655.0	-55.77	-13	-42.77	-63.12	5.9	13.25	Vertical	Pass
15540.0	-54.11	-13	-41.11	-61.21	7.12	14.22	Vertical	Pass