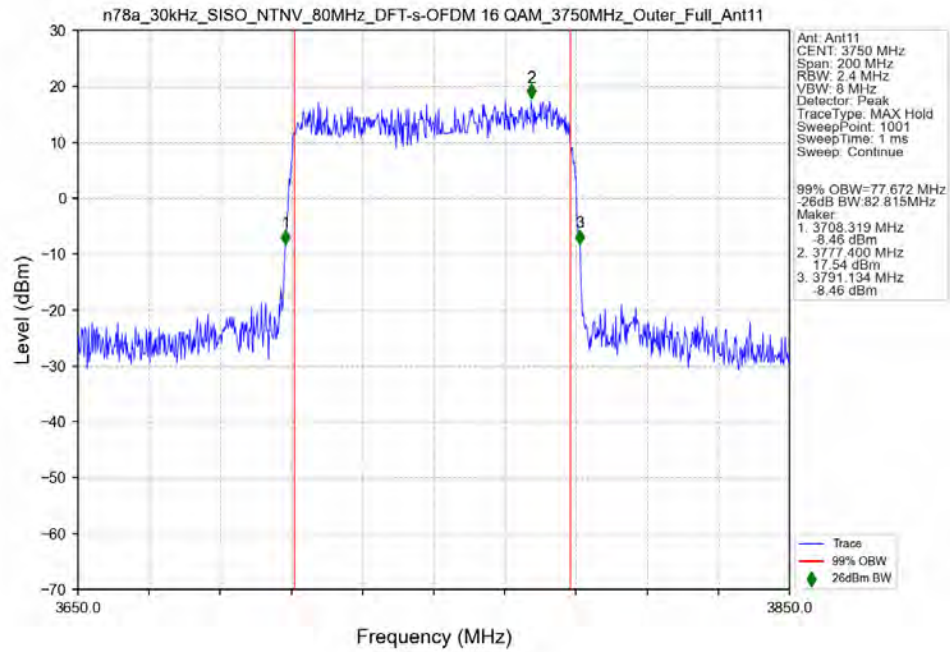
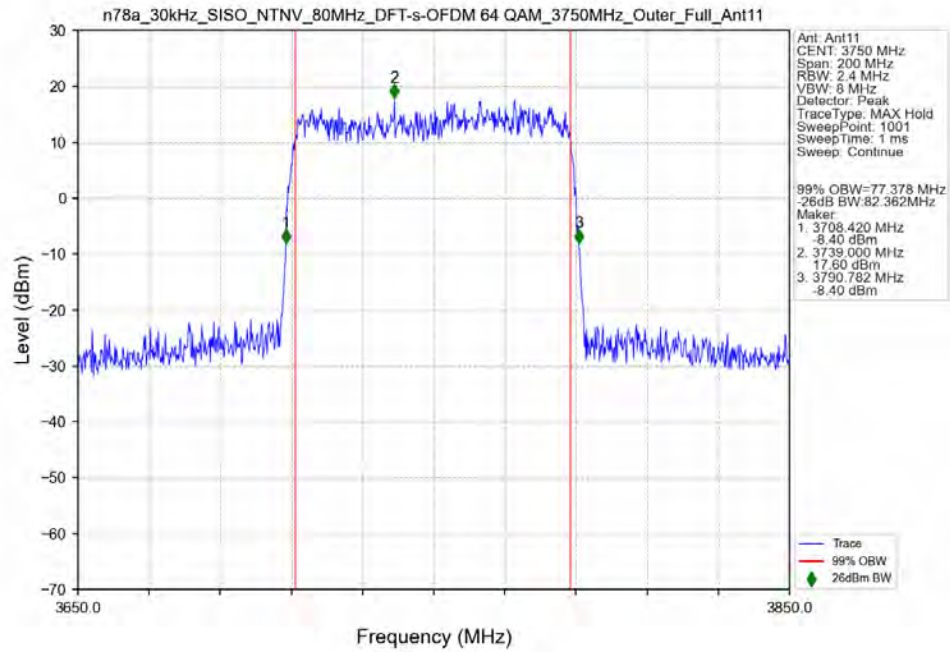


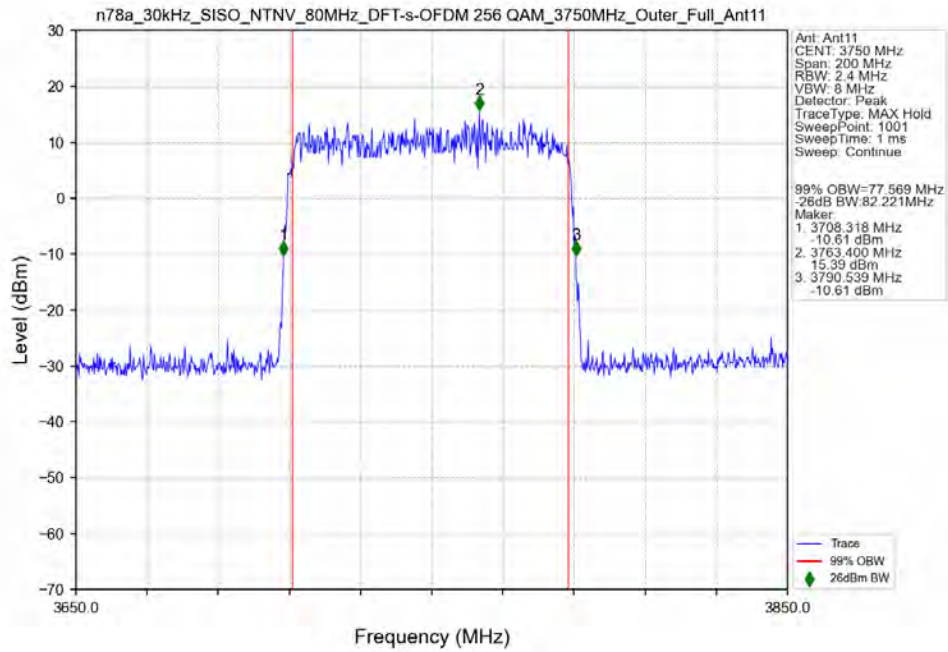
n78a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_16_QAM_3750MHz_Outer_Full_Ant11



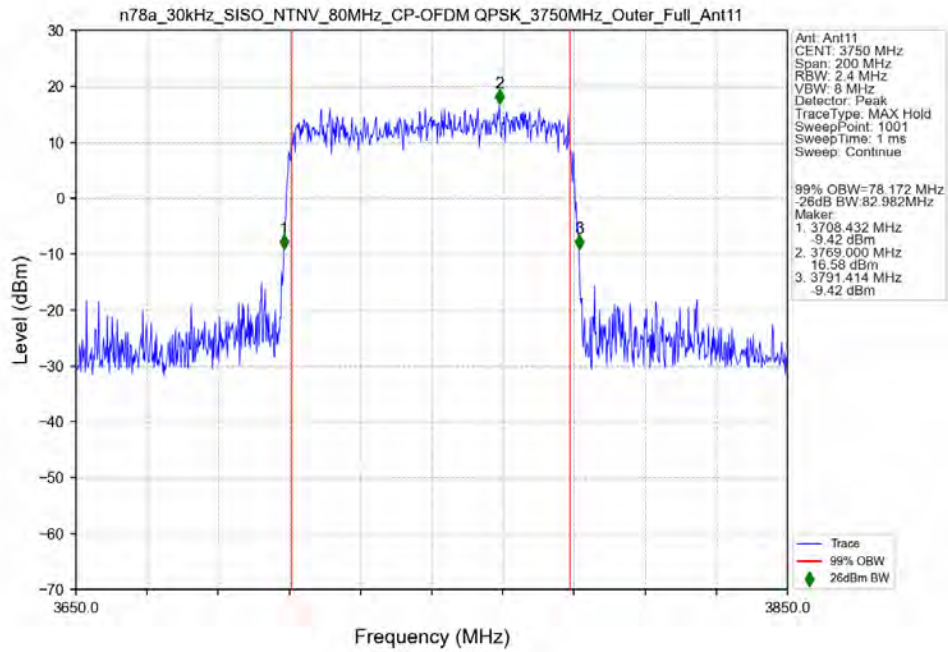
n78a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_64_QAM_3750MHz_Outer_Full_Ant11



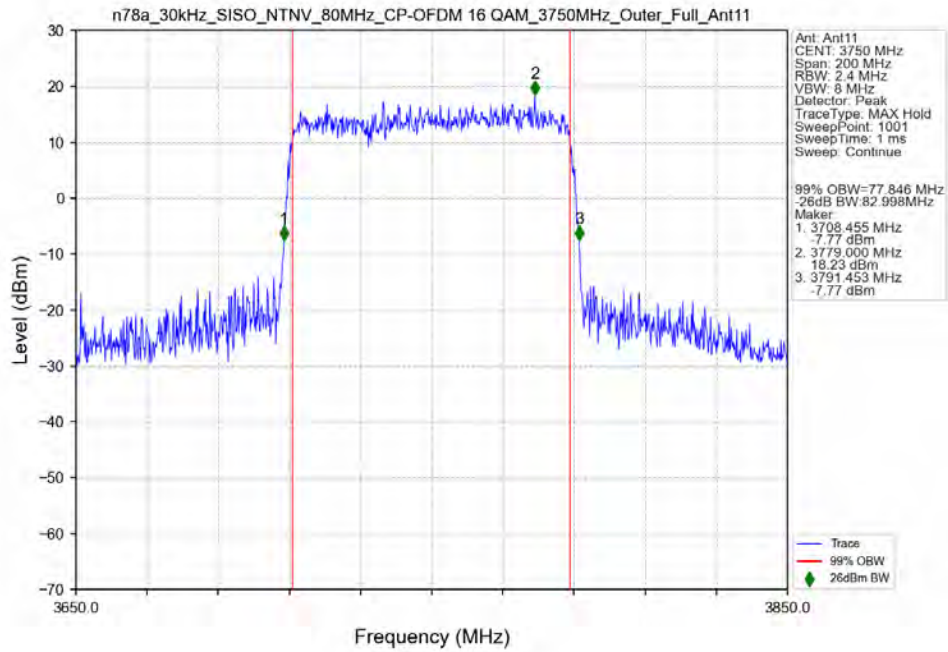
n78a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3750MHz_Outer_Full_Ant11



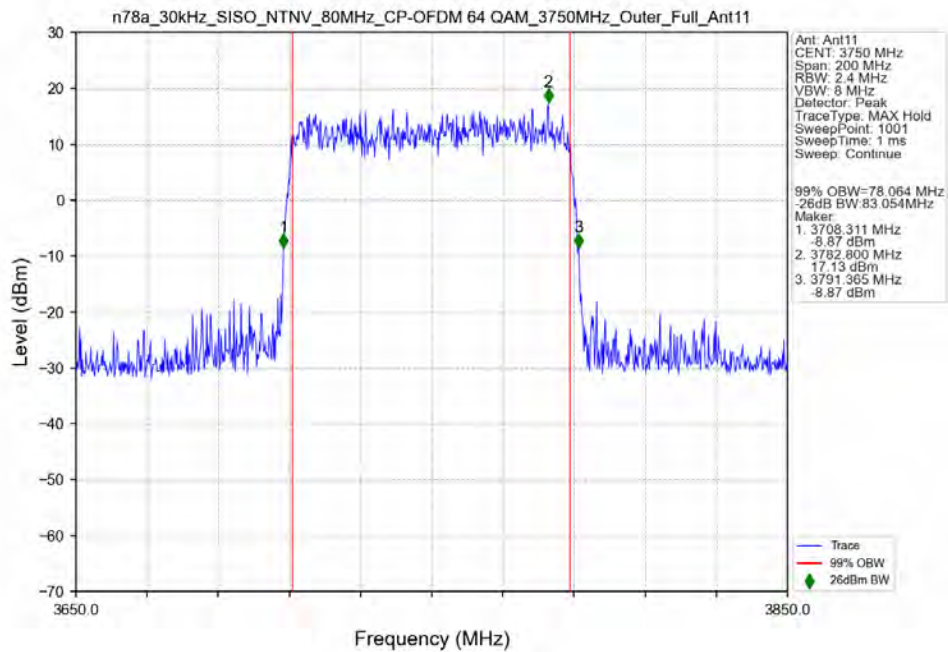
n78a_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3750MHz_Outer_Full_Ant11



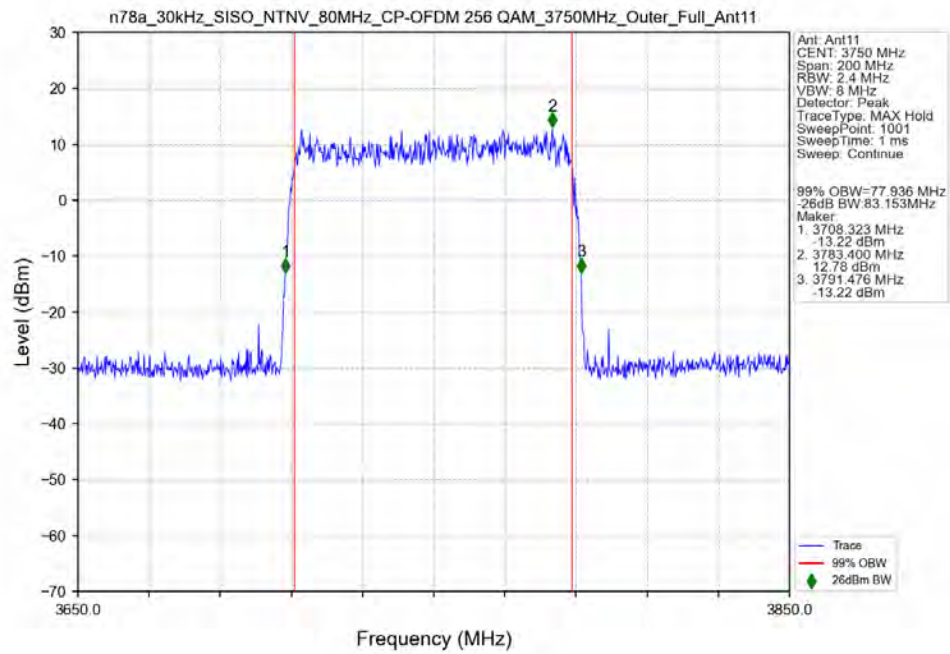
n78a_30kHz_SISO_NTNV_80MHz_CP-OFDM 16 QAM 3750MHz Outer Full Ant11



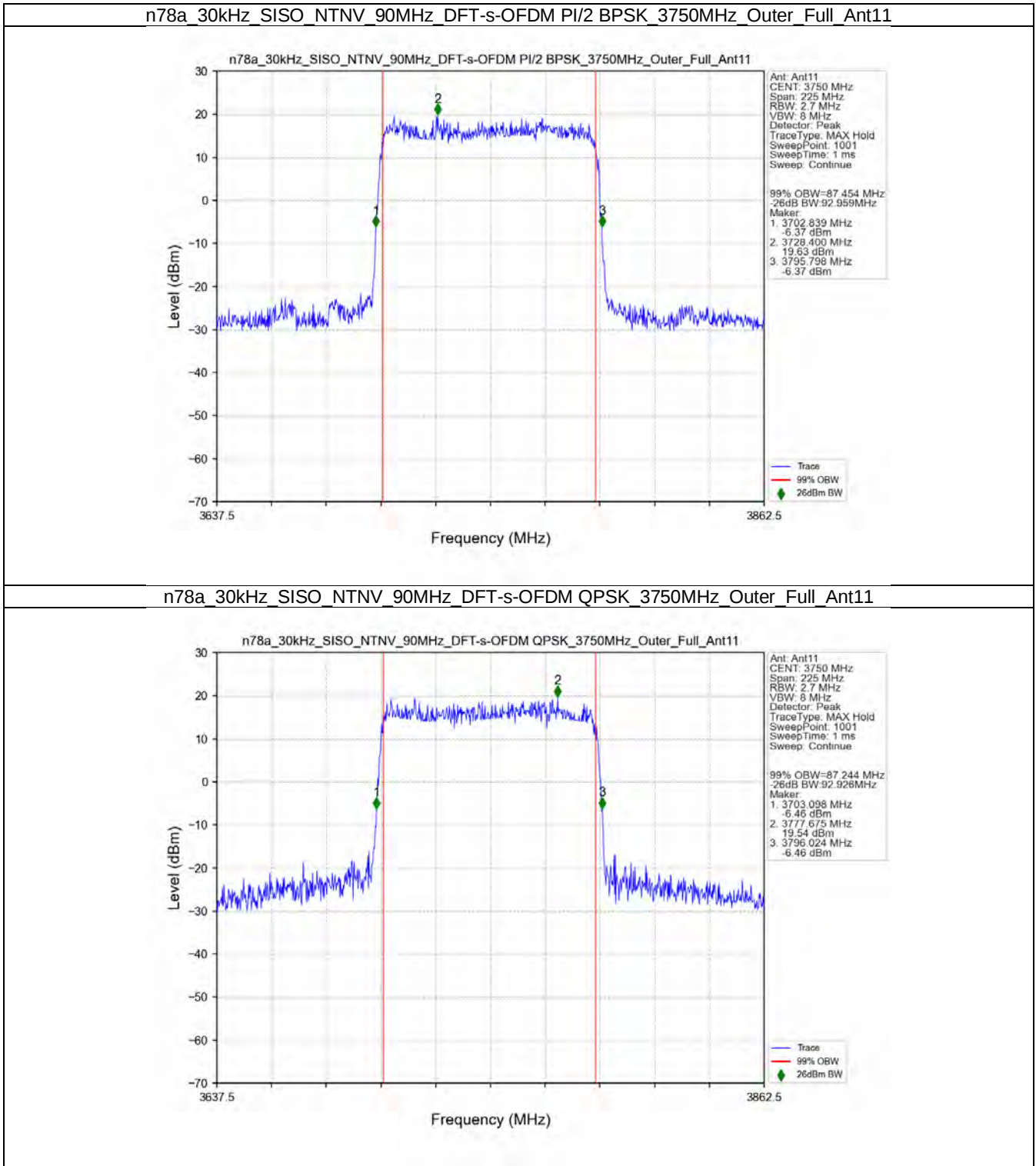
n78a_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM 3750MHz Outer Full Ant11



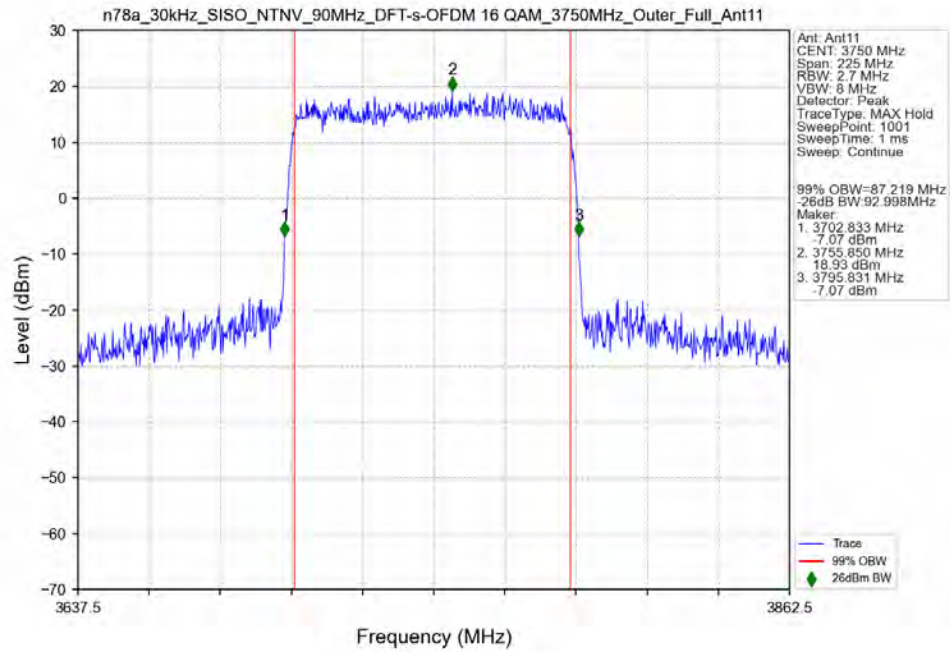
n78a_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant11



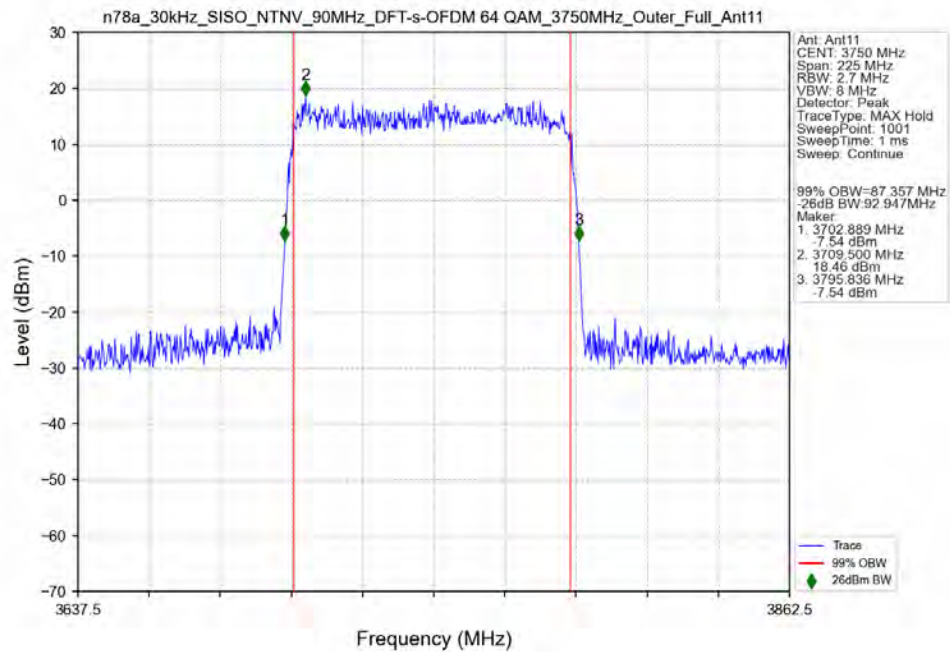
3.2.11 30k_SISO_90MHz_NTNV



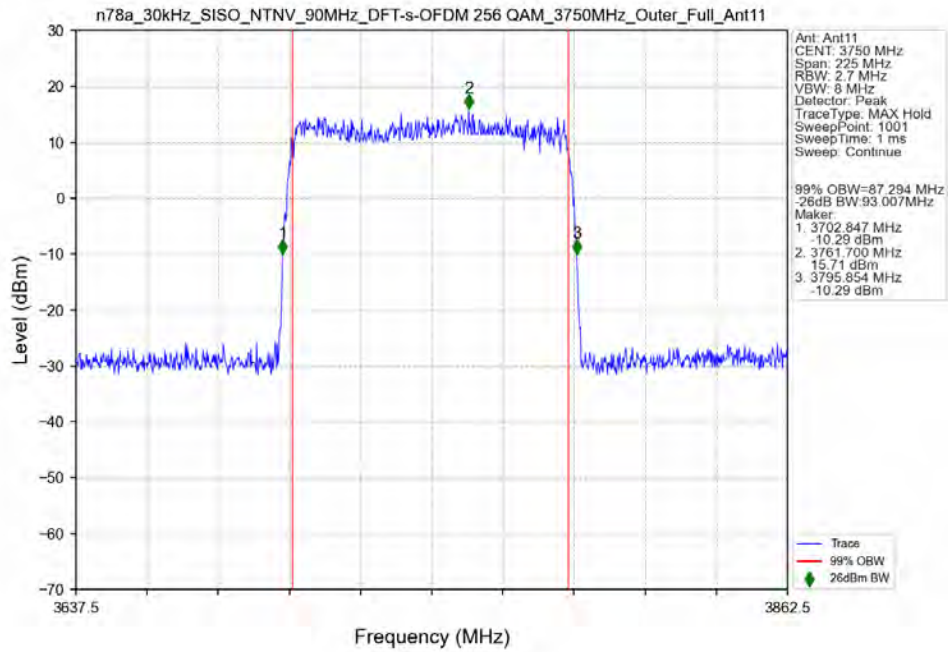
n78a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 16 QAM 3750MHz_Outer_Full_Ant11



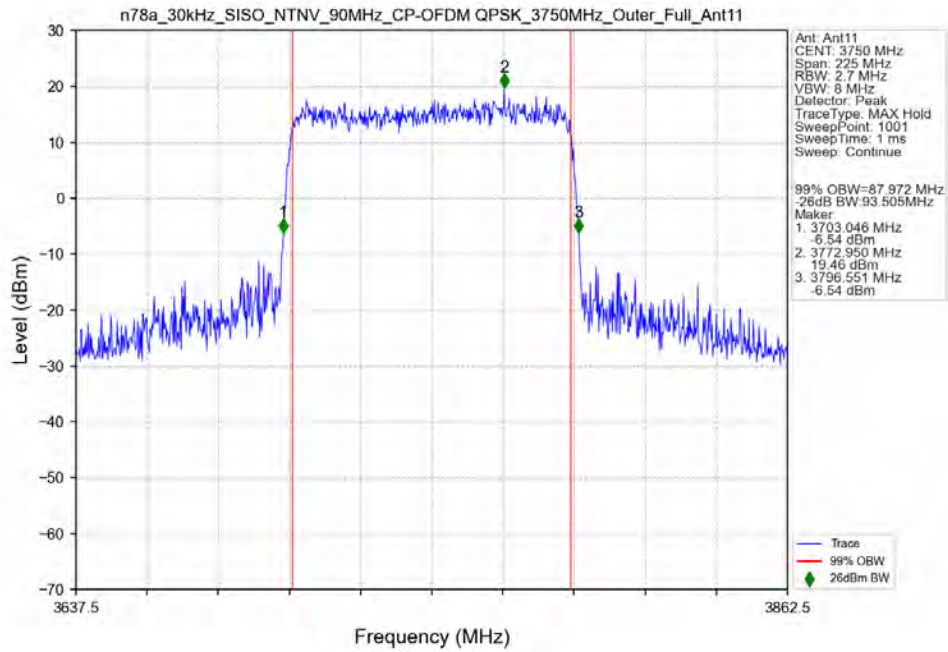
n78a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 64 QAM 3750MHz_Outer_Full_Ant11



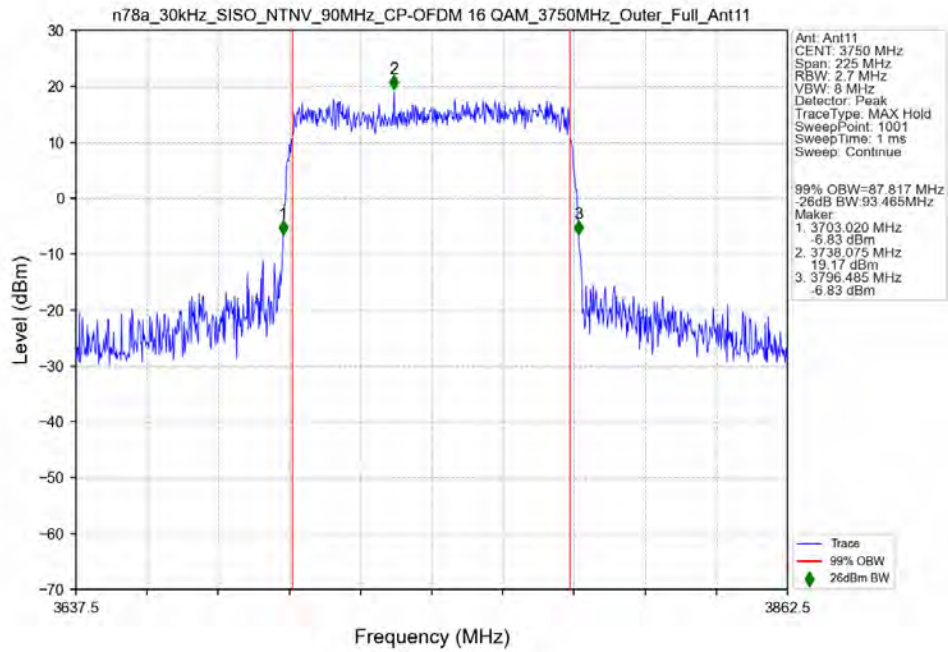
n78a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_256_QAM_3750MHz_Outer_Full_Ant11



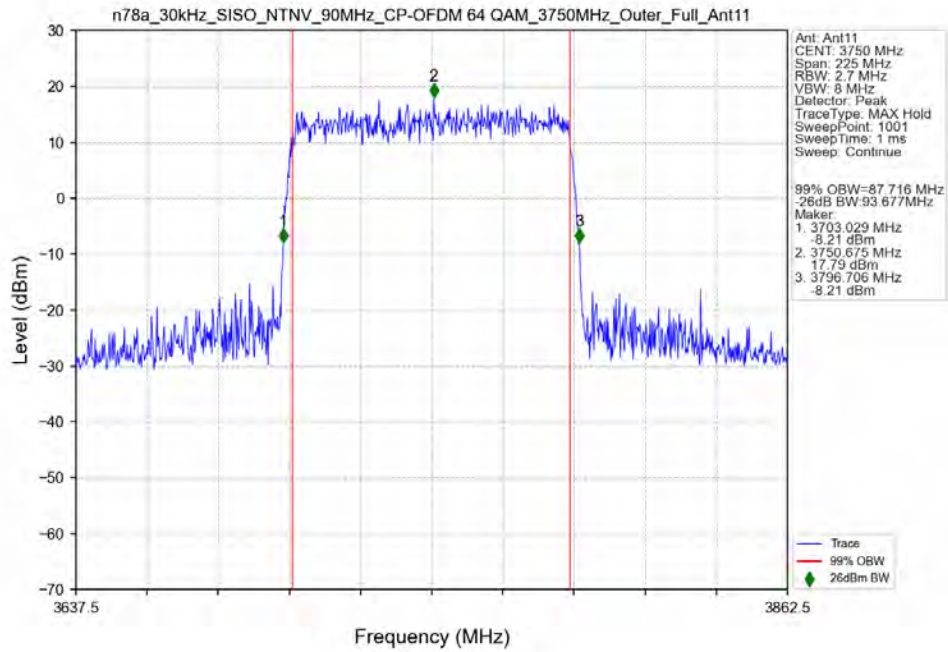
n78a_30kHz_SISO_NTNV_90MHz_CP-OFDM_QPSK_3750MHz_Outer_Full_Ant11



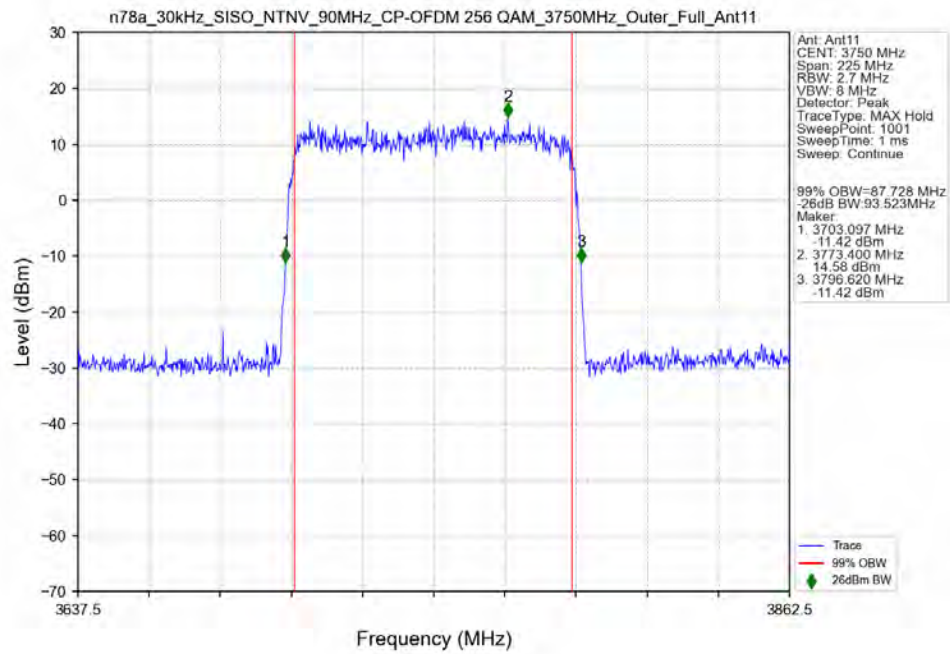
n78a_30kHz_SISO_NTNV_90MHz_CP-OFDM 16 QAM 3750MHz Outer_Full_Ant11



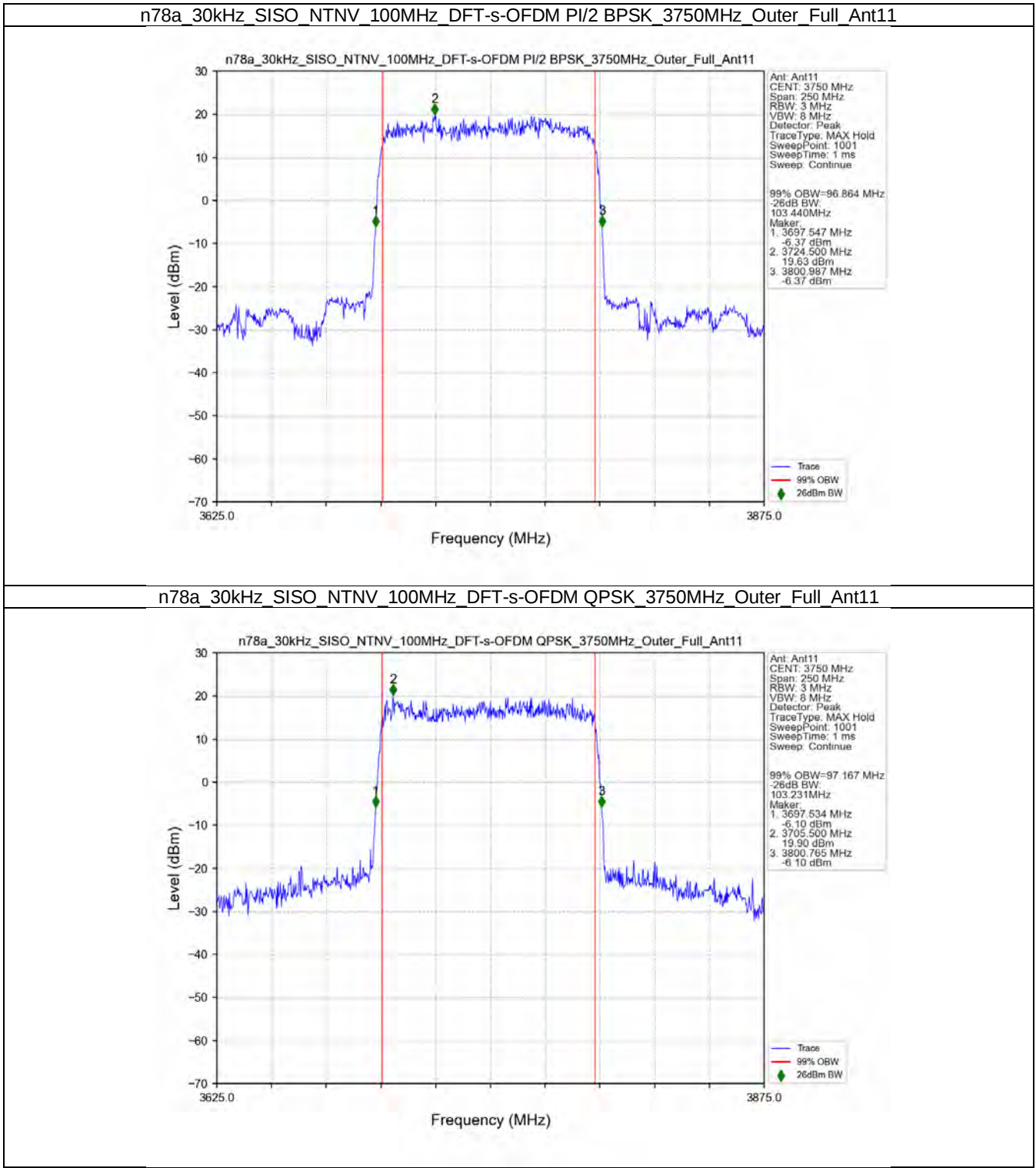
n78a_30kHz_SISO_NTNV_90MHz_CP-OFDM 64 QAM 3750MHz Outer_Full_Ant11



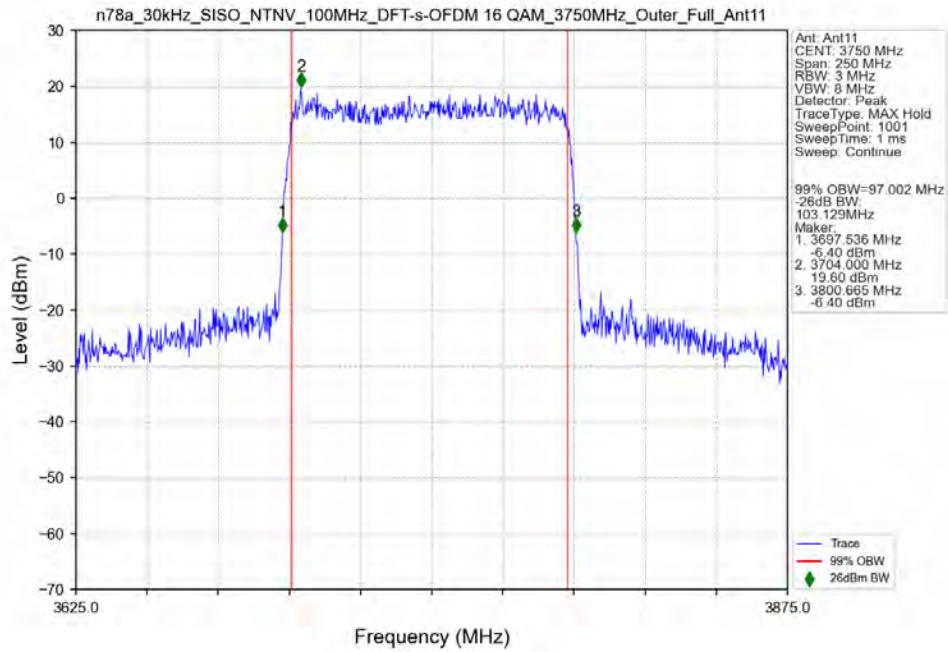
n78a_30kHz_SISO_NTNV_90MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant11



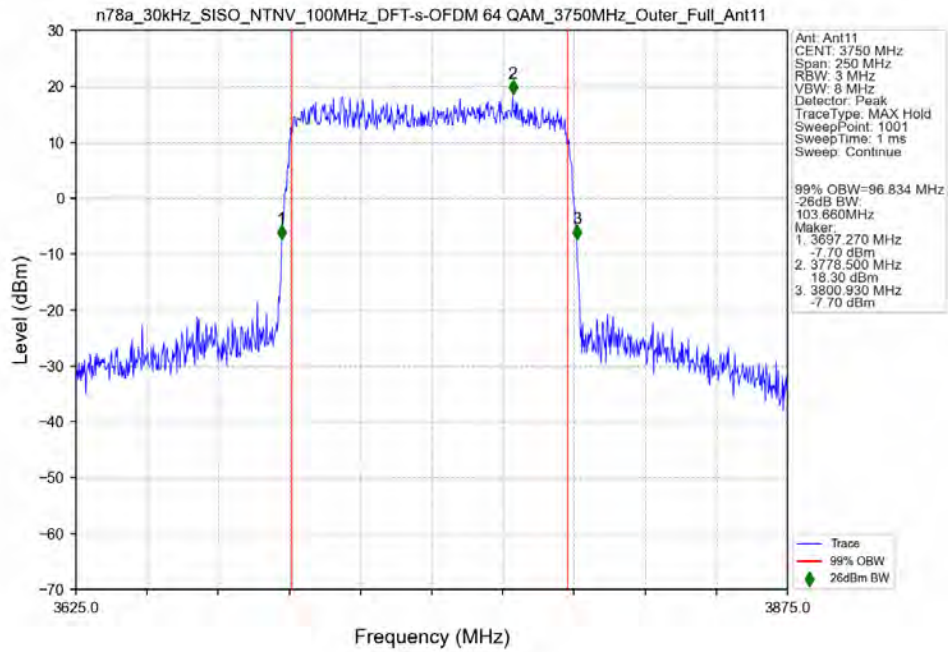
3.2.12 30k_SISO_100MHz_NTNV



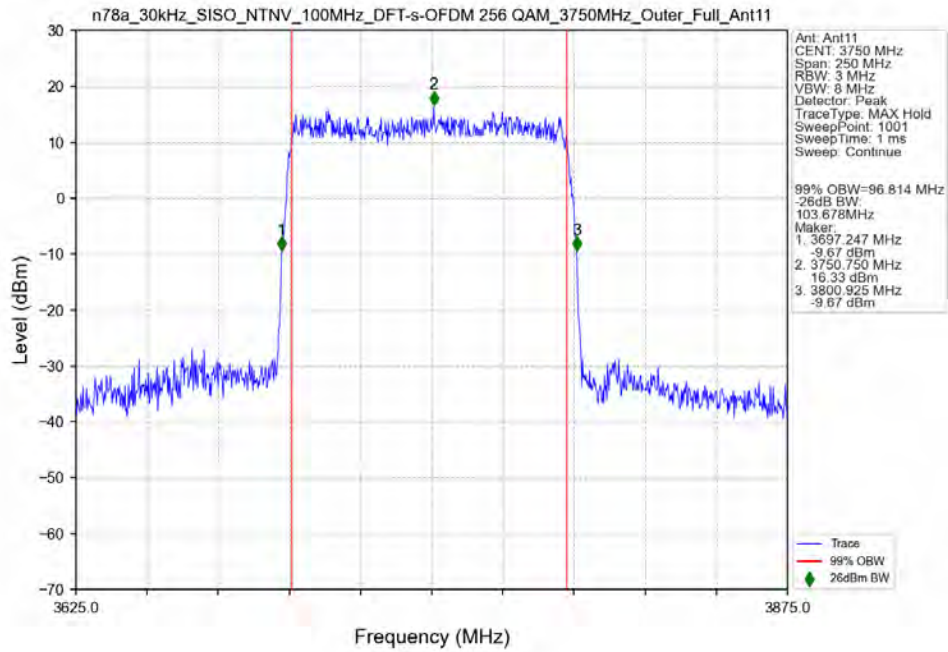
n78a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 16 QAM 3750MHz_Outer_Full_Ant11



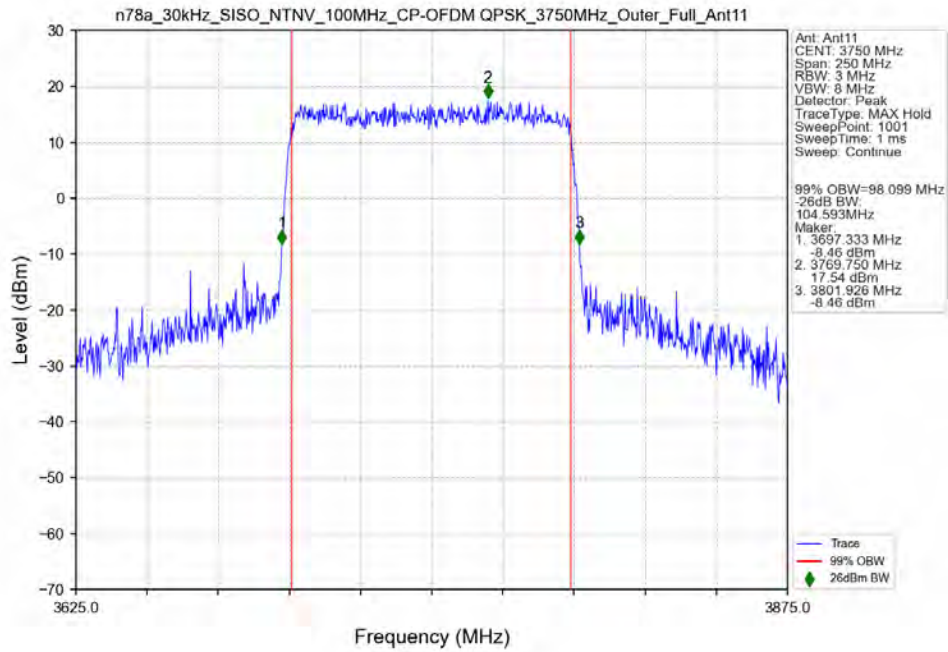
n78a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 64 QAM 3750MHz_Outer_Full_Ant11



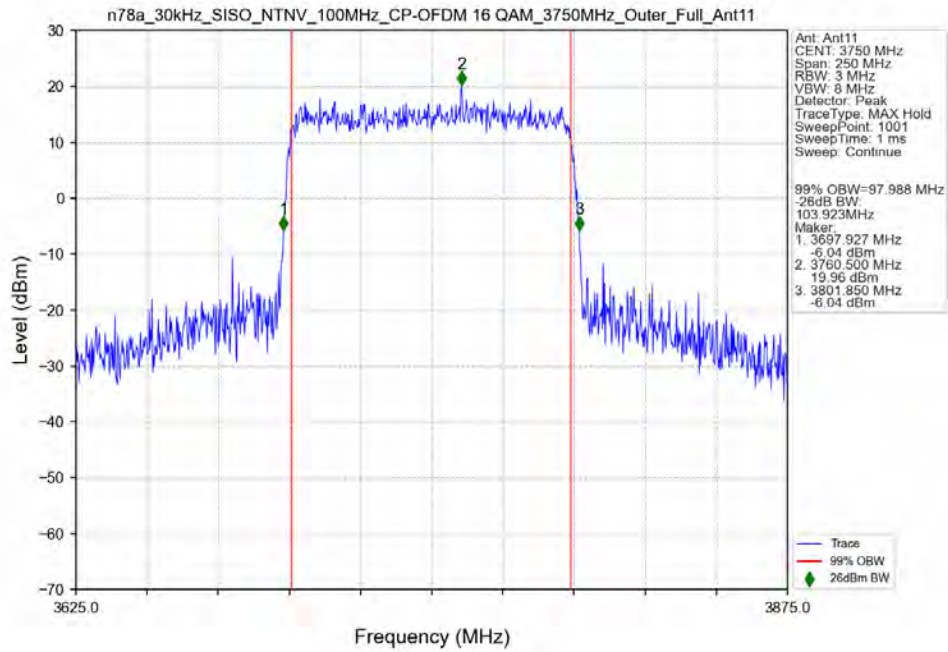
n78a 30kHz SISO NTN 100MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full Ant11



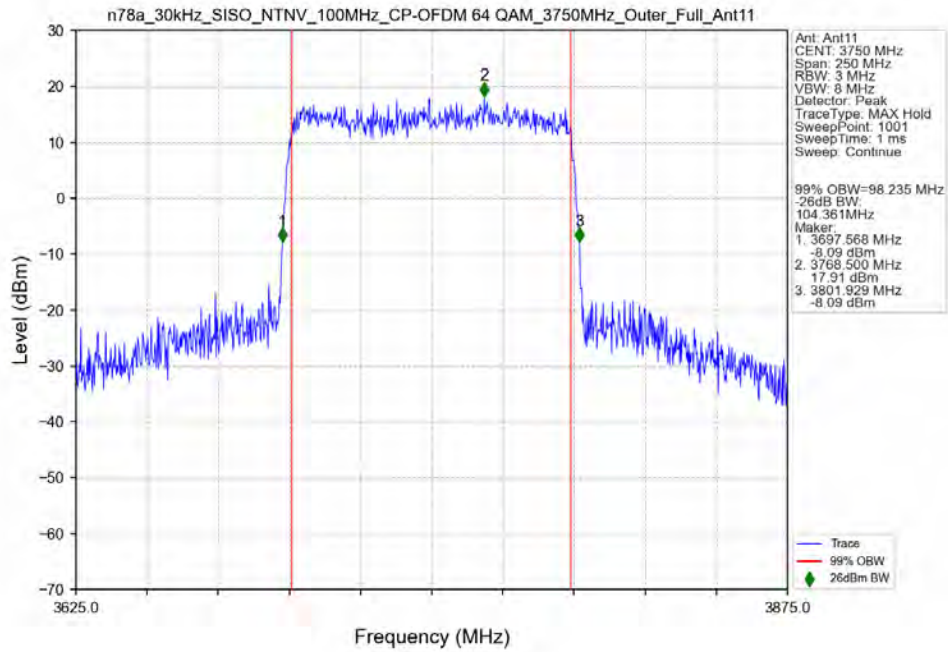
n78a 30kHz SISO NTN 100MHz CP-OFDM QPSK 3750MHz Outer Full Ant11



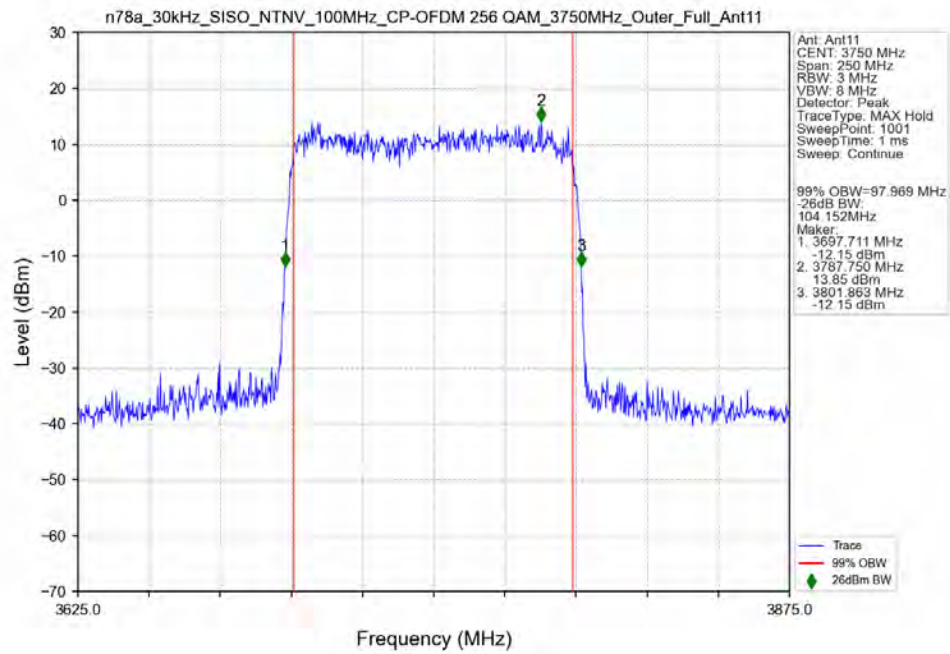
n78a_30kHz_SISO_NTNV_100MHz_CP-OFDM_16_QAM_3750MHz_Outer_Full_Ant11



n78a_30kHz_SISO_NTNV_100MHz_CP-OFDM_64_QAM_3750MHz_Outer_Full_Ant11



n78a 30kHz SISO NTV 100MHz CP-OFDM 256 QAM 3750MHz Outer Full Ant11



4. Peak-Average Ratio

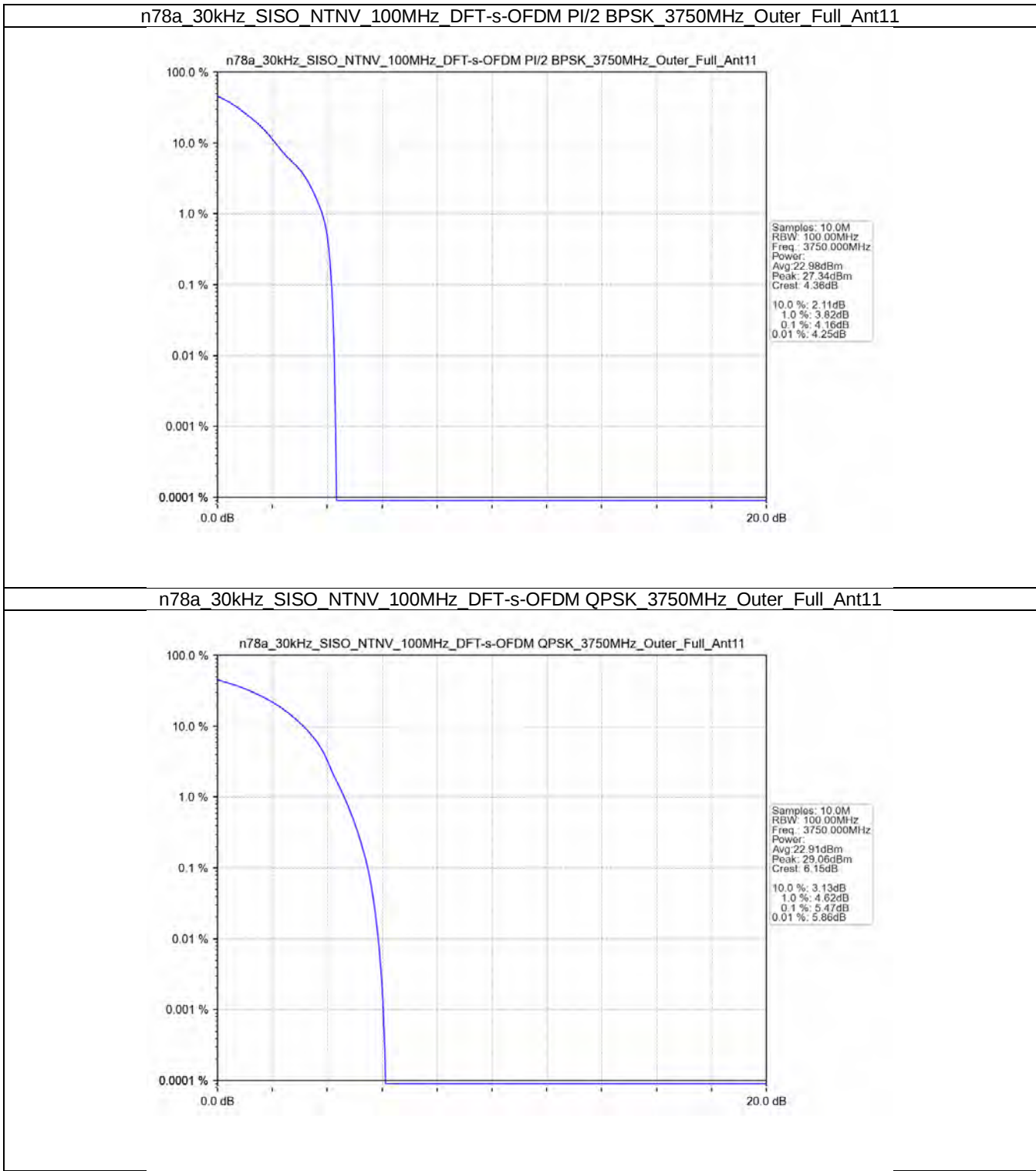
4.1 Test Result

4.1.1 30k_SISO_100MHz_NTNV

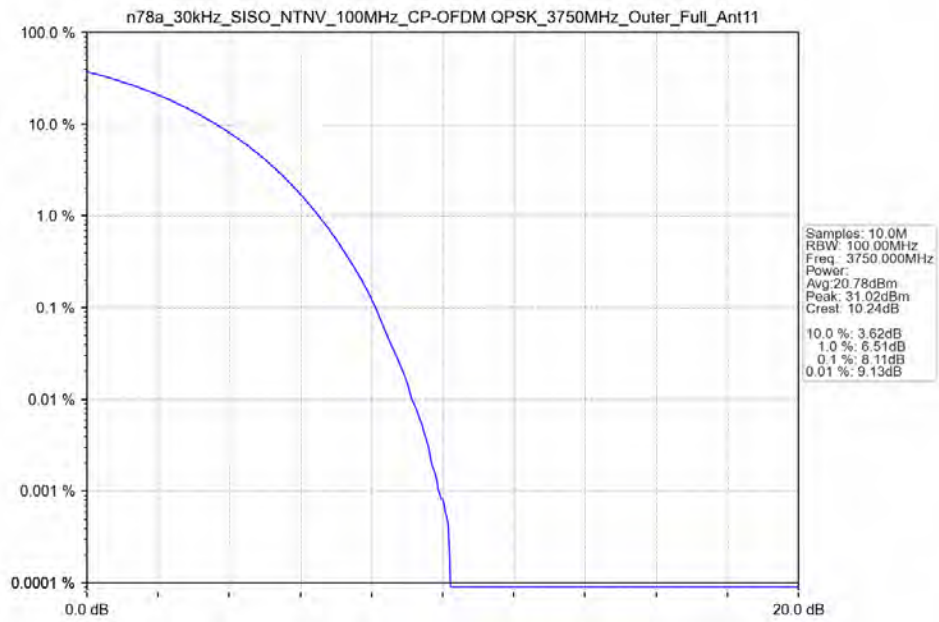
5G NR n78a SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	4.16	/	/	<=13	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	5.47	/	/	<=13	Pass
CP-OFDM QPSK	3750	Outer_Full	8.11	/	/	<=13	Pass

4.2 Test Graph

4.2.1 30k_SISO_100MHz_NTNV



n78a 30kHz SISO NTN 100MHz CP-OFDM QPSK 3750MHz Outer Full Ant11



5. Spurious Emission

5.1 Test Result

5.1.1 30k_SISO_10MHz_NTNV

5G NR n78a SCS=30kHz SISO 10MHz NTNv								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant11	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	
	3750	Edge_1RB_Left	Refer To Test Graph				Pass	
		3795	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	
	3750	Edge_1RB_Left	Refer To Test Graph				Pass	
		3795	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	
	3750	Edge_1RB_Left	Refer To Test Graph				Pass	
		3795	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass

5.1.2 30k_SISO_50MHz_NTNV

5G NR n78a SCS=30kHz SISO 50MHz NTNv								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant11	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	
	3750	Edge_1RB_Left	Refer To Test Graph				Pass	
		3774.99	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	
	3750	Edge_1RB_Left	Refer To Test Graph				Pass	
		3774.99	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	
	3750	Edge_1RB_Left	Refer To Test Graph				Pass	
		3774.99	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass

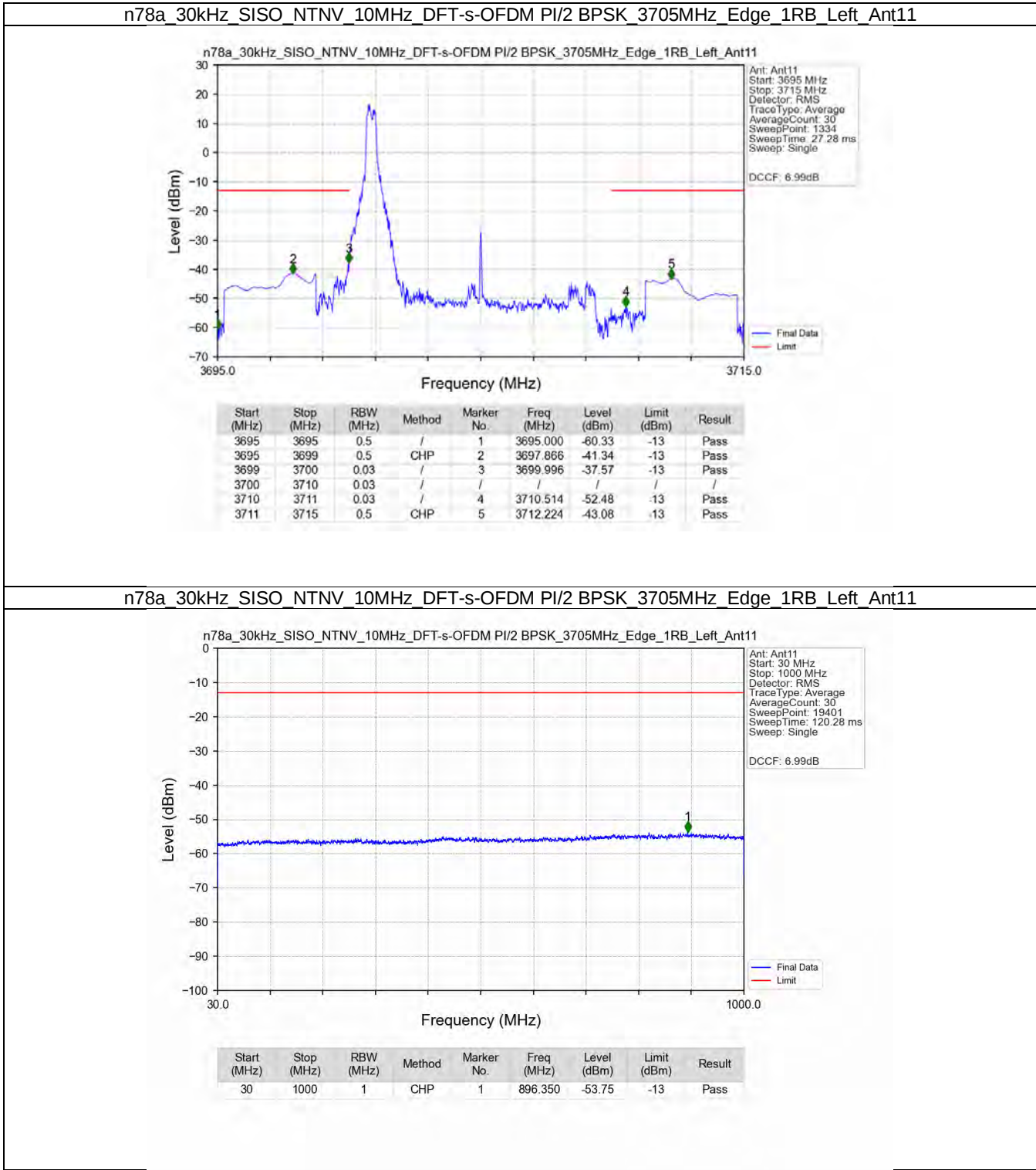
5.1.3 30k_SISO_100MHz_NTNV

5G NR n78a SCS=30kHz SISO 100MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Edge 1RB Left	Refer To Test Graph				Pass

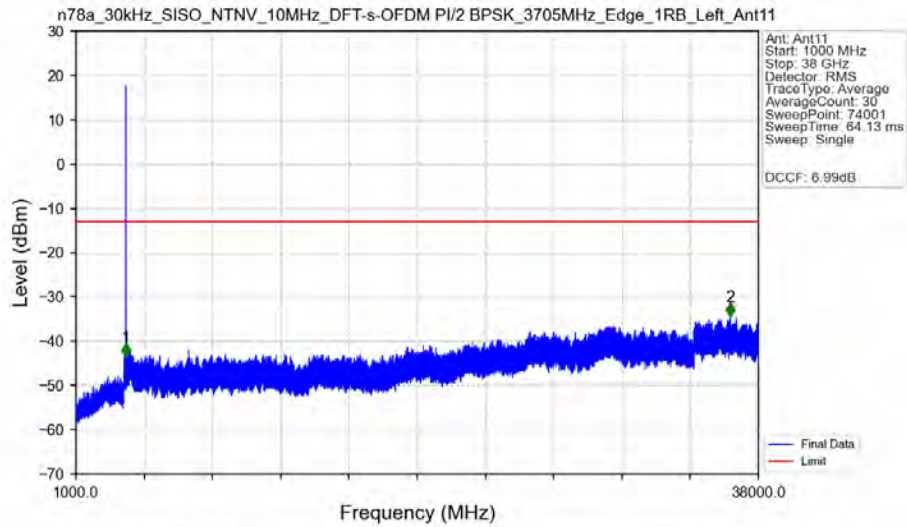
		Outer_Full	Refer To Test Graph	Pass
DFT-s-OFDM QPSK	3750	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
CP-OFDM QPSK	3750	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass

5.2 Test Graph

5.2.1 30k_SISO_10MHz_NTNV

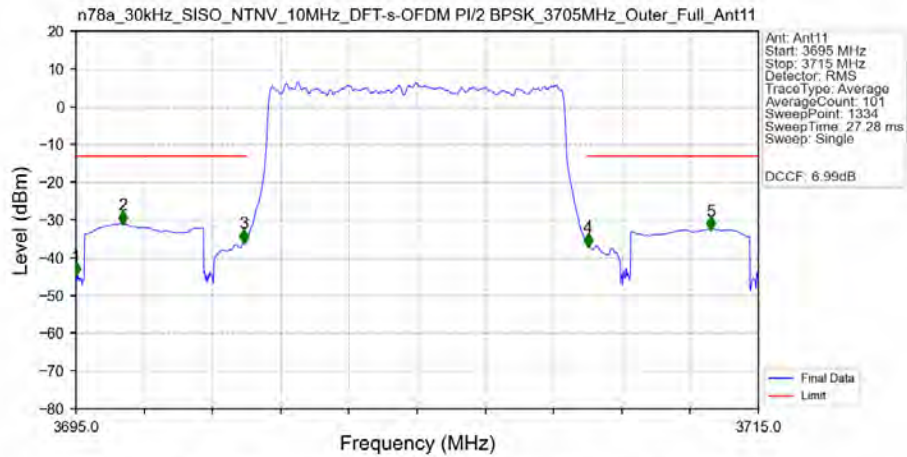


n78a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3705MHz_Edge_1RB_Left_Ant11



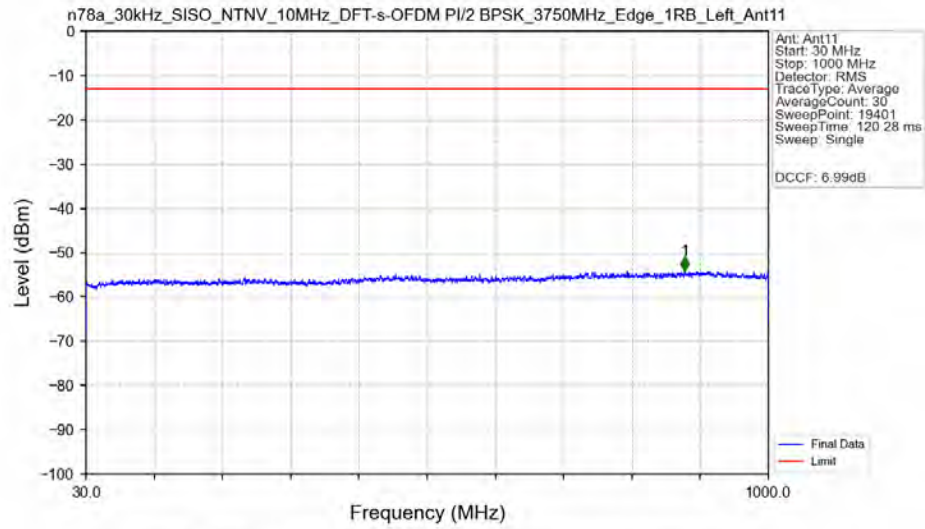
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3694.500	-43.45	-13	Pass
3695	3715	1	/	/	/	/	/	/
3715	38000	1	/	2	36491.000	-34.38	-13	Pass

n78a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3705MHz_Outer_Full_Ant11



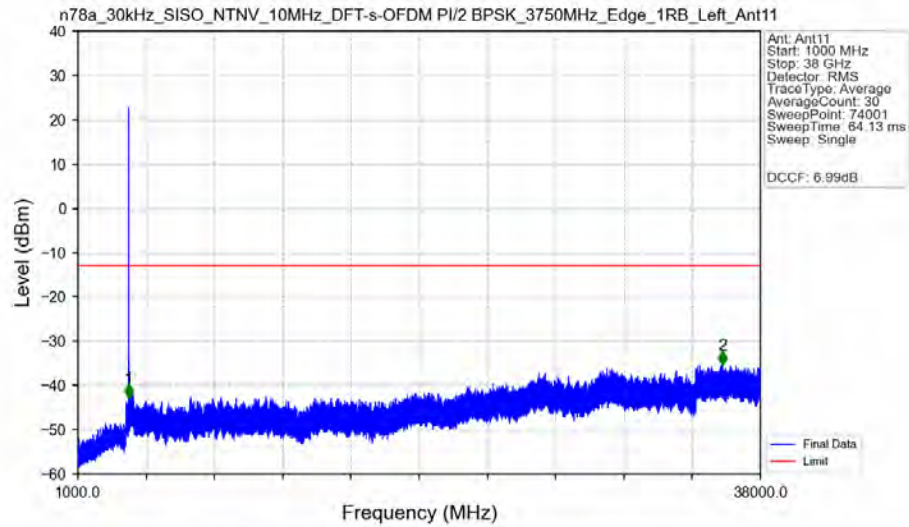
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-44.38	-13	Pass
3695	3699	0.5	CHP	2	3696.365	-30.86	-13	Pass
3699	3700	0.09169	CHP	3	3699.921	-35.78	-13	Pass
3700	3710	0.09169	CHP	/	/	/	/	/
3710	3711	0.09169	CHP	4	3710.004	-36.86	-13	Pass
3711	3715	0.5	CHP	5	3713.605	-32.42	-13	Pass

n78a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Edge_1RB_Left_Ant11



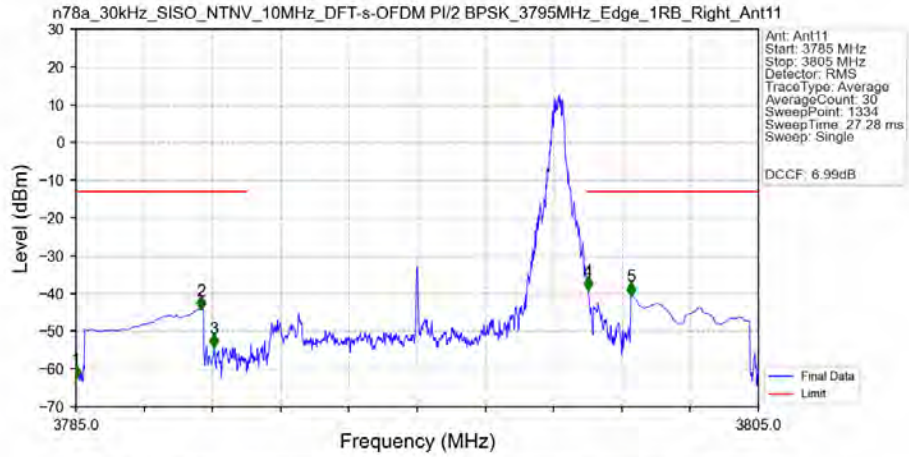
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	881.050	-54.02	-13	Pass

n78a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Edge_1RB_Left_Ant11



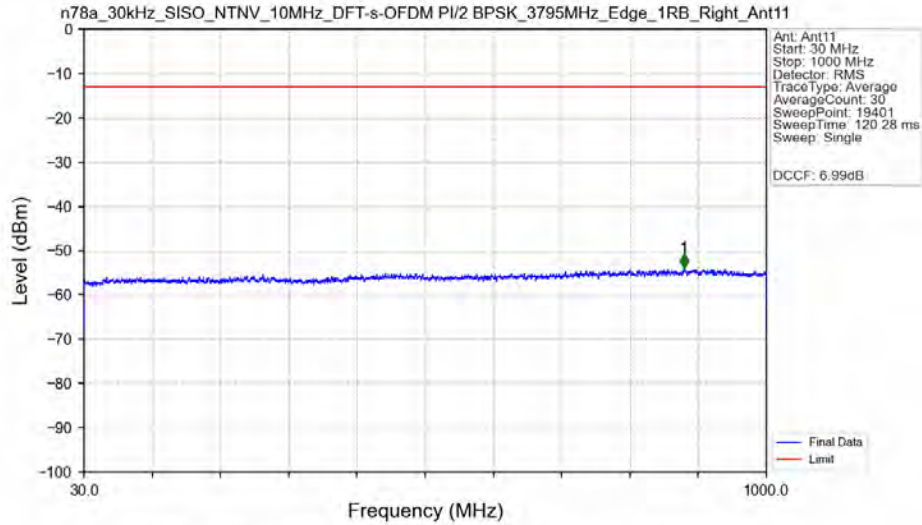
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3740	1	/	1	3737.000	-42.77	-13	Pass
3740	3760	1	/	/	/	/	/	/
3760	38000	1	/	2	35952.500	-35.39	-13	Pass

n78a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3795MHz_Edge_1RB_Right_Ant11



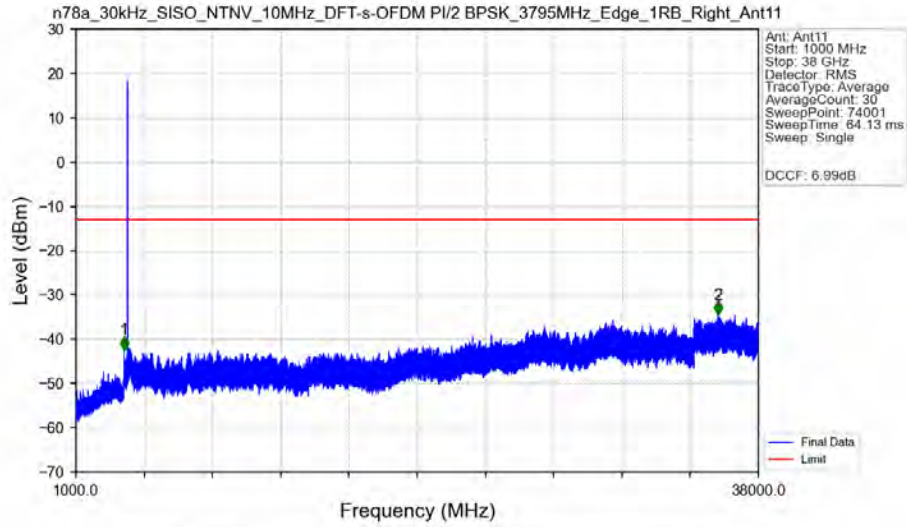
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3785	3785	0.5	/	1	3785.000	-62.26	-13	Pass
3785	3789	0.5	CHP	2	3788.661	-44.09	-13	Pass
3789	3790	0.03	/	3	3789.051	-54.04	-13	Pass
3790	3800	0.03	/	/	/	/	/	/
3800	3801	0.03	/	4	3800.004	-38.89	-13	Pass
3801	3805	0.5	CHP	5	3801.264	-40.30	-13	Pass

n78a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3795MHz_Edge_1RB_Right_Ant11

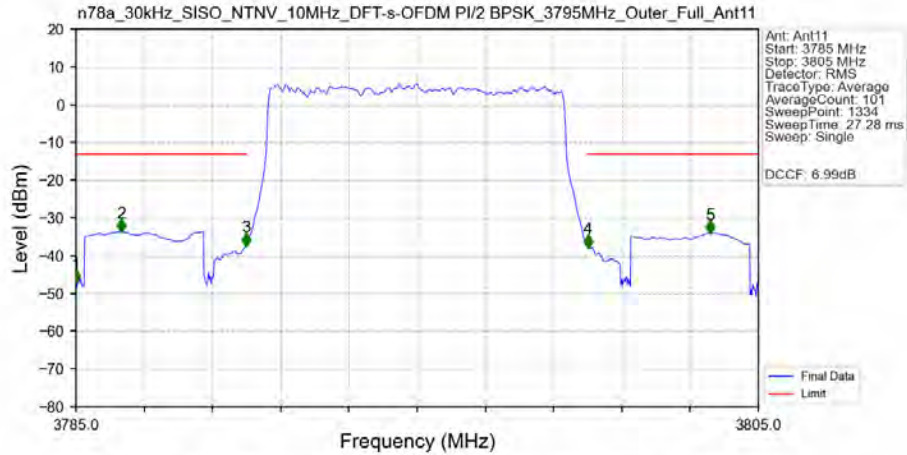


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	882.650	-53.88	-13	Pass

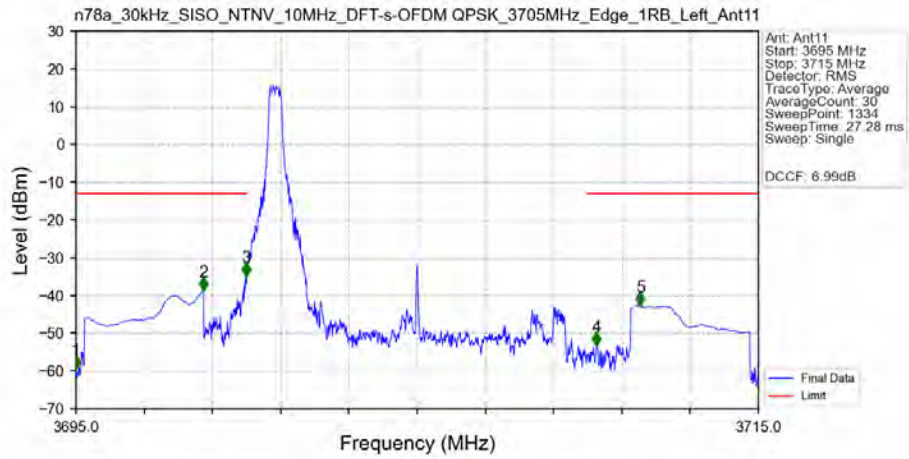
n78a 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3795MHz Edge 1RB Right Ant11



n78a 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3795MHz Outer_Full_Ant11

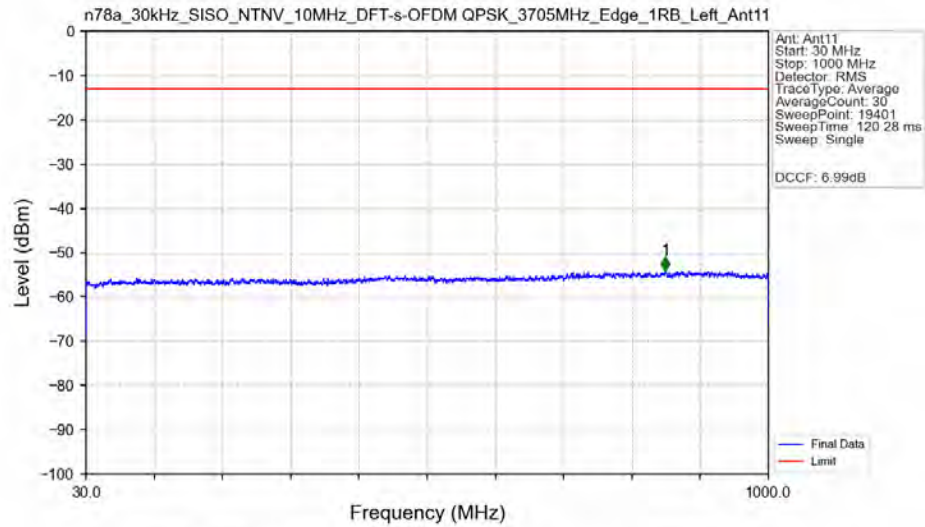


n78a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3705MHz_Edge_1RB_Left_Ant11



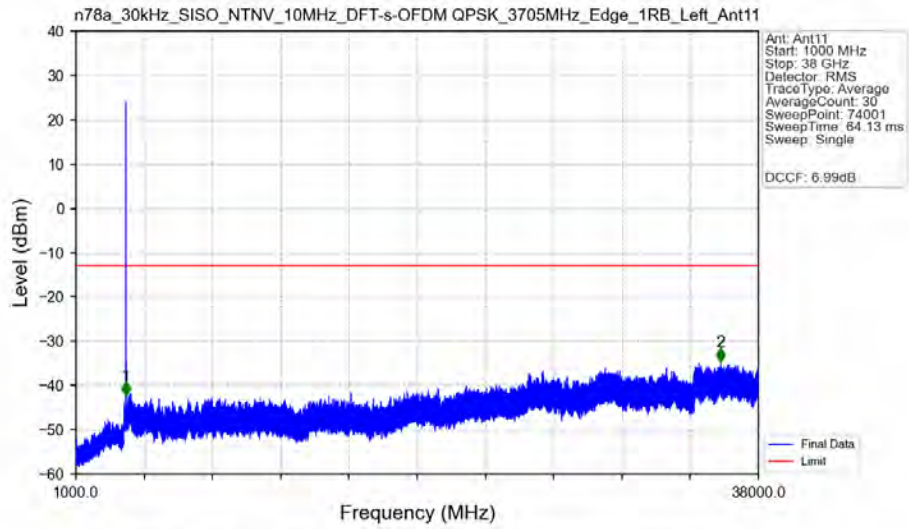
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-59.21	-13	Pass
3695	3699	0.5	CHP	2	3698.736	-38.53	-13	Pass
3699	3700	0.03	/	3	3699.981	-34.66	-13	Pass
3700	3710	0.03	/	/	/	/	/	/
3710	3711	0.03	/	4	3710.259	-53.06	-13	Pass
3711	3715	0.5	CHP	5	3711.534	-42.61	-13	Pass

n78a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3705MHz_Edge_1RB_Left_Ant11



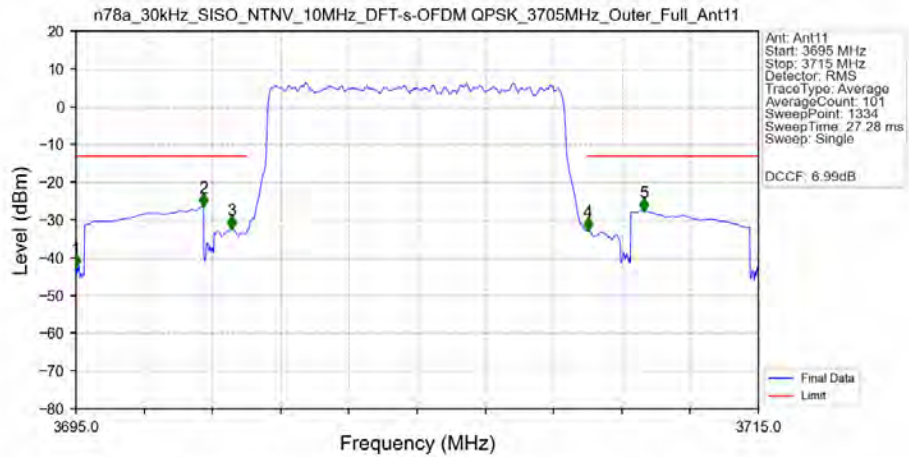
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	853.700	-53.95	-13	Pass

n78a 30kHz SISO NTV 10MHz DFT-s-OFDM QPSK 3705MHz Edge 1RB Left Ant11



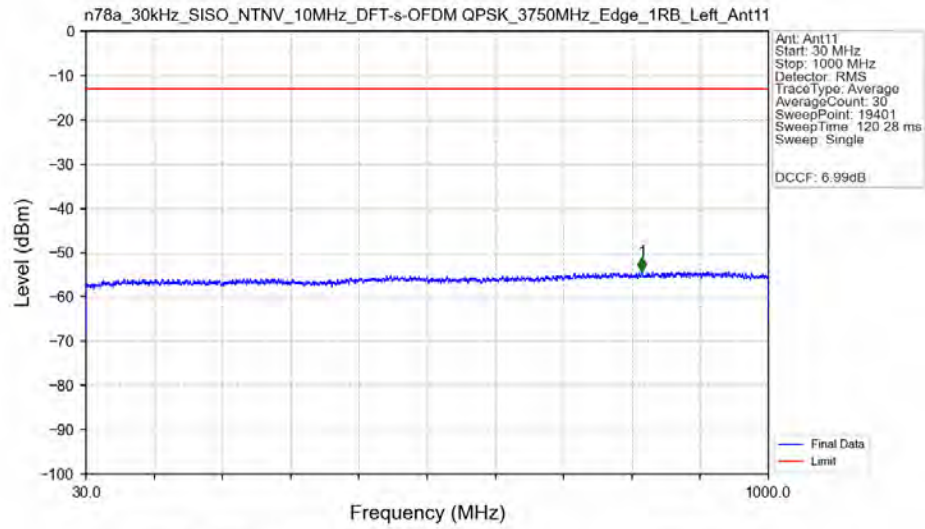
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3694.000	-42.21	-13	Pass
3695	3715	1	/	/	/	/	/	/
3715	38000	1	/	2	35963.500	-34.69	-13	Pass

n78a 30kHz SISO NTV 10MHz DFT-s-OFDM QPSK 3705MHz Outer_Full Ant11

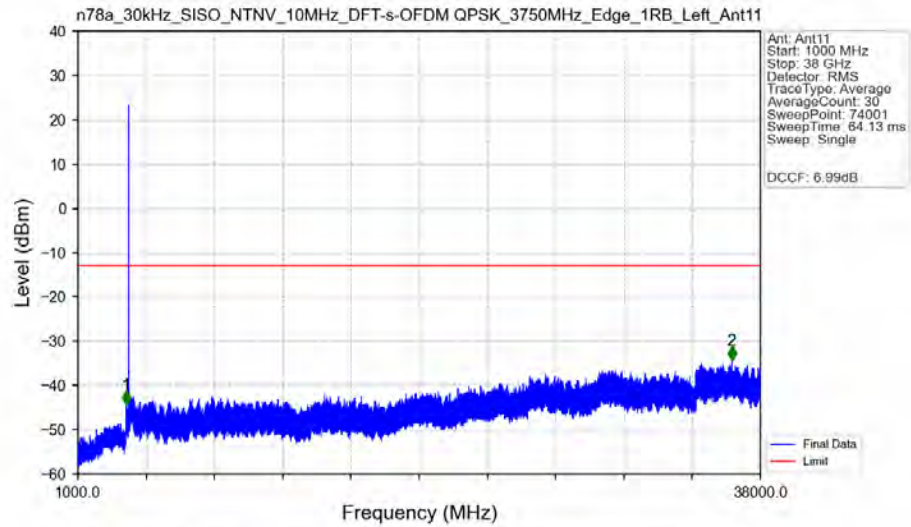


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-42.35	-13	Pass
3695	3699	0.5	CHP	2	3698.736	-26.26	-13	Pass
3699	3700	0.0948	CHP	3	3699.561	-32.26	-13	Pass
3700	3710	0.0948	CHP	/	/	/	/	/
3710	3711	0.0948	CHP	4	3710.004	-32.66	-13	Pass
3711	3715	0.5	CHP	5	3711.639	-27.57	-13	Pass

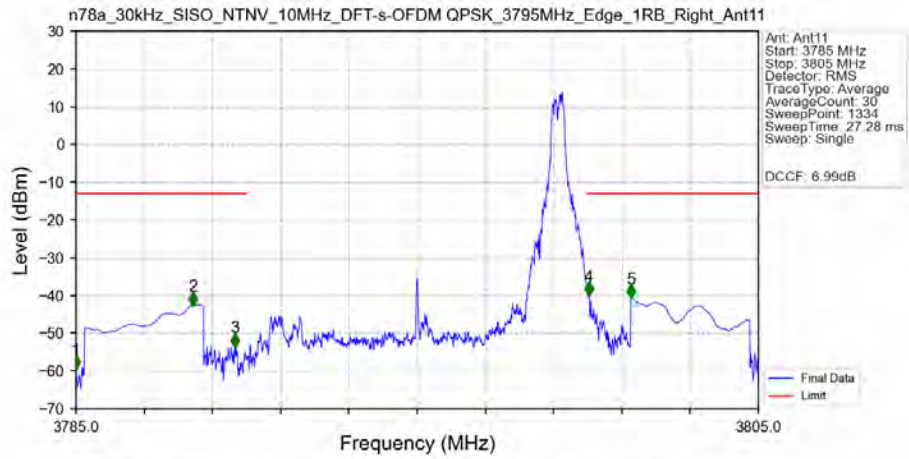
n78a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant11



n78a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant11

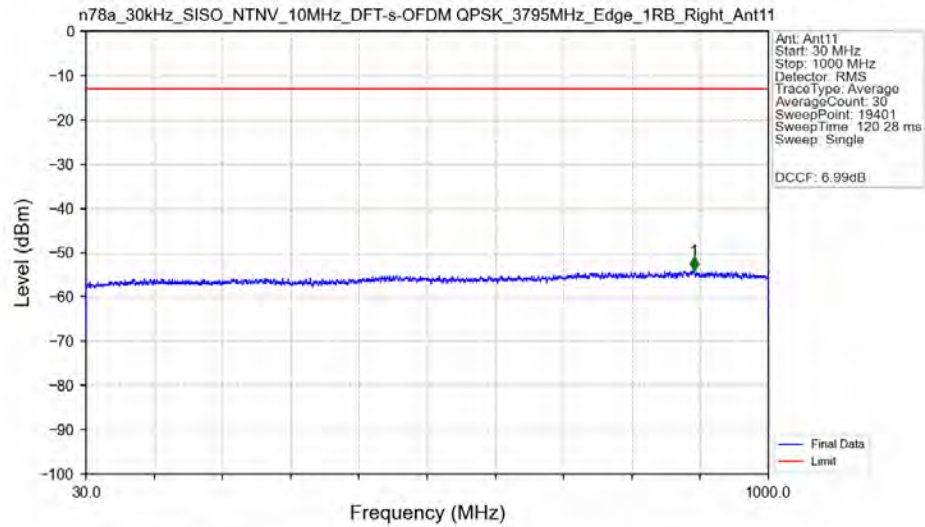


n78a 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3795MHz Edge 1RB Right Ant11



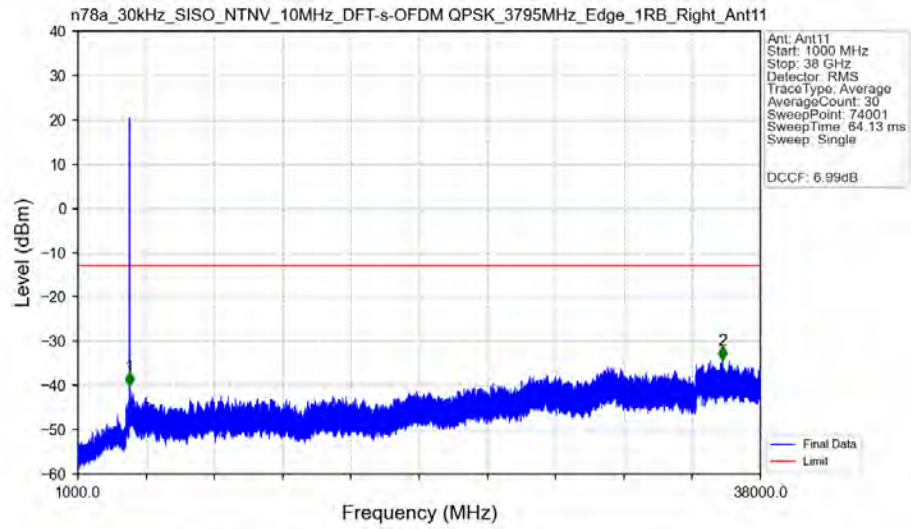
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3785	3785	0.5	/	1	3785.000	-59.18	-13	Pass
3785	3789	0.5	CHP	2	3788.421	-42.45	-13	Pass
3789	3790	0.03	/	3	3789.651	-53.32	-13	Pass
3790	3800	0.03	/	/	/	/	/	/
3800	3801	0.03	/	4	3800.034	-39.77	-13	Pass
3801	3805	0.5	CHP	5	3801.264	-40.42	-13	Pass

n78a 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3795MHz Edge 1RB Right Ant11



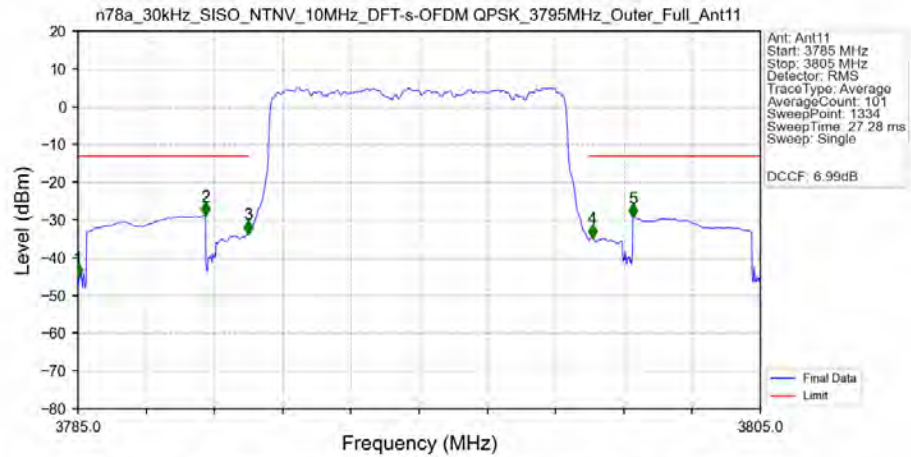
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	894.000	-53.96	-13	Pass

n78a 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3795MHz Edge 1RB Right Ant11



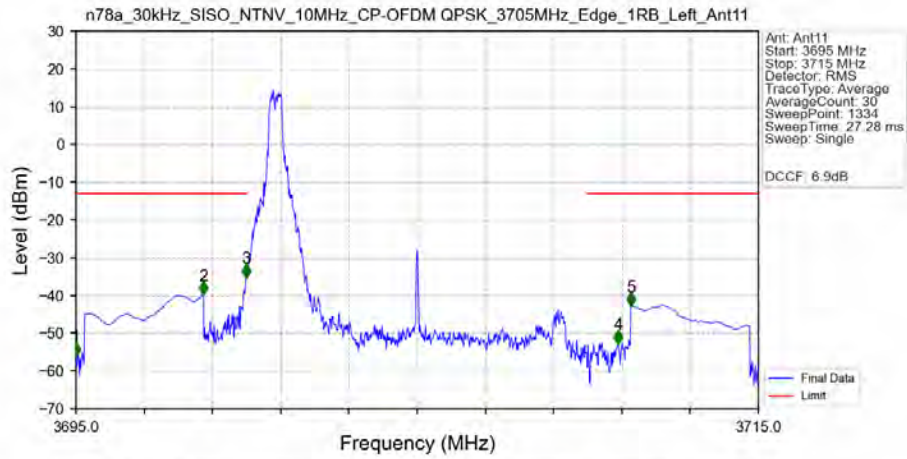
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3785	1	/	1	3784.500	-40.17	-13	Pass
3785	3805	1	/	/	/	/	/	/
3805	38000	1	/	2	35950.000	-34.24	-13	Pass

n78a 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3795MHz Outer Full Ant11



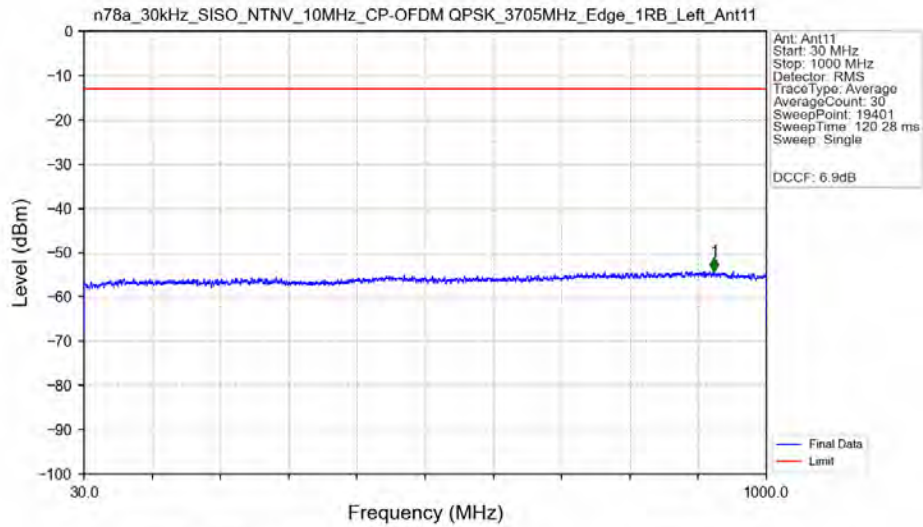
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3785	3785	0.5	/	1	3785.000	-44.84	-13	Pass
3785	3789	0.5	CHP	2	3788.736	-28.65	-13	Pass
3789	3790	0.09241	CHP	3	3789.996	-33.45	-13	Pass
3790	3800	0.09241	CHP	/	/	/	/	/
3800	3801	0.09241	CHP	4	3800.079	-34.52	-13	Pass
3801	3805	0.5	CHP	5	3801.264	-29.06	-13	Pass

n78a_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3705MHz_Edge_1RB_Left_Ant11



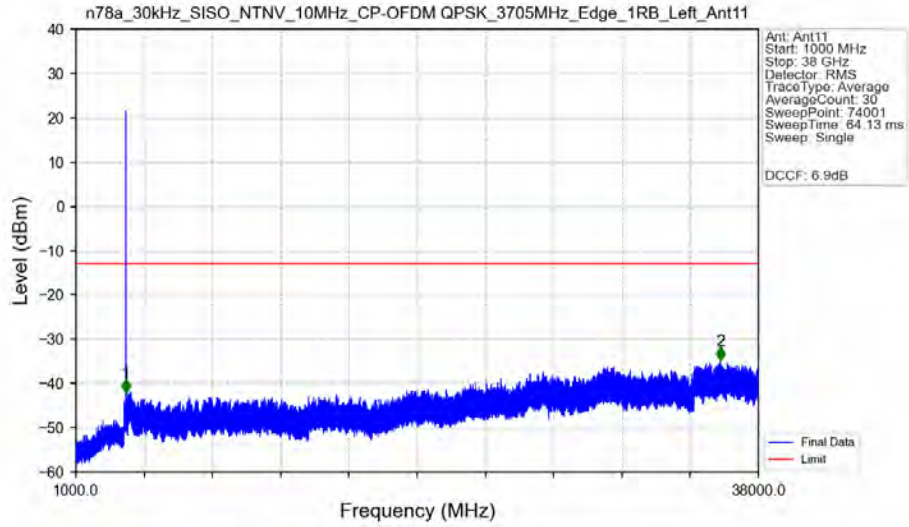
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-55.72	-13	Pass
3695	3699	0.5	CHP	2	3698.736	-39.49	-13	Pass
3699	3700	0.03	/	3	3699.996	-34.95	-13	Pass
3700	3710	0.03	/	/	/	/	/	/
3710	3711	0.03	/	4	3710.889	-52.47	-13	Pass
3711	3715	0.5	CHP	5	3711.264	-42.51	-13	Pass

n78a_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3705MHz_Edge_1RB_Left_Ant11

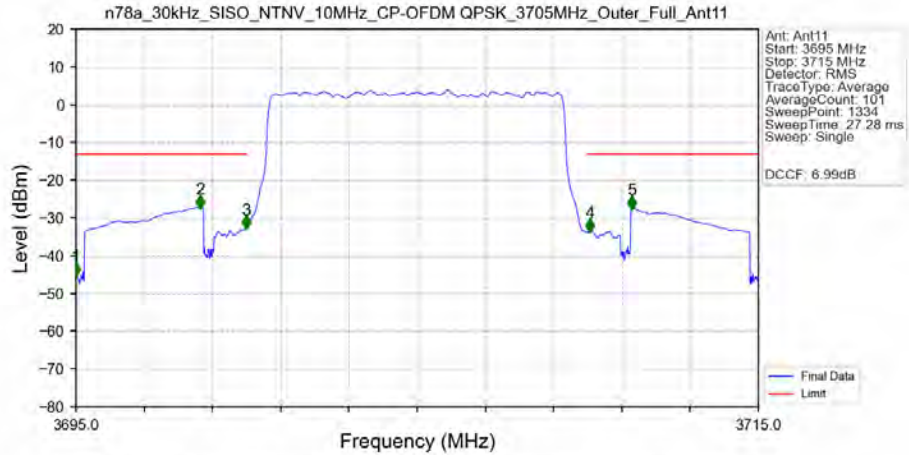


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	925.750	-54.21	-13	Pass

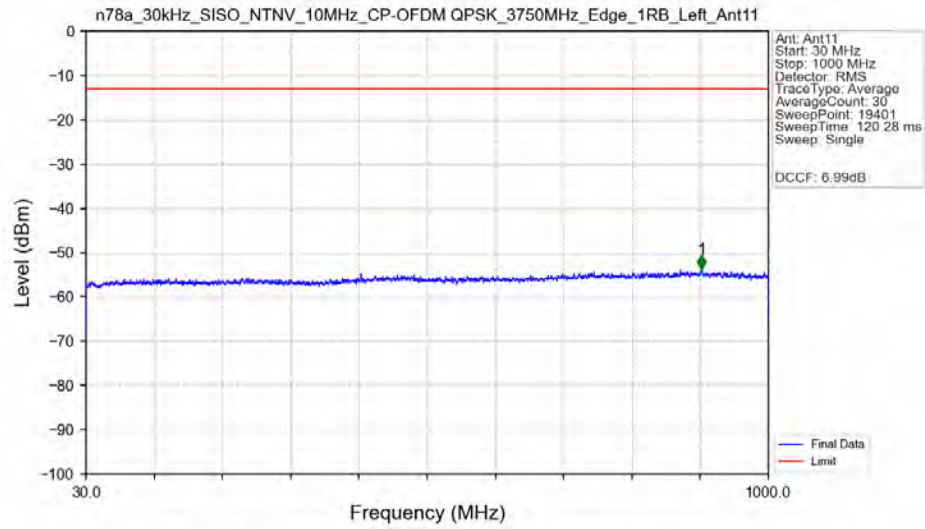
n78a 30kHz SISO NTN 10MHz CP-OFDM QPSK 3705MHz Edge 1RB Left Ant11



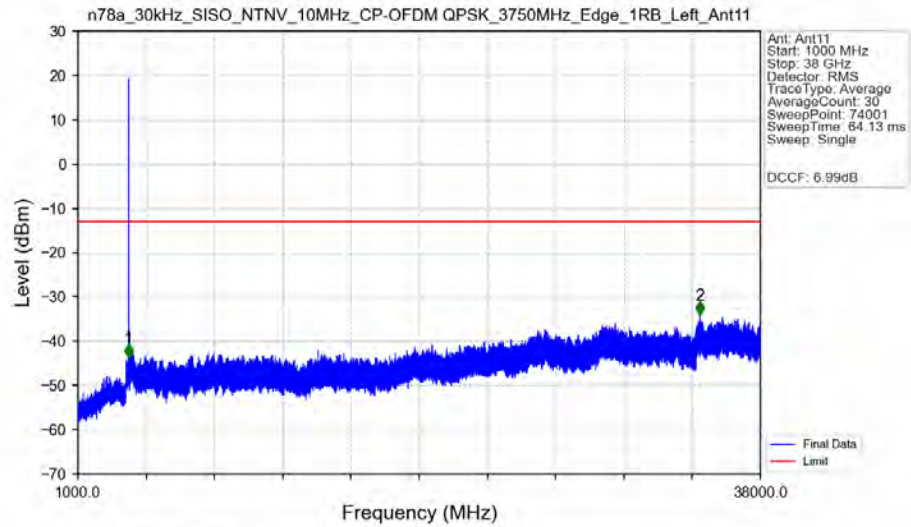
n78a 30kHz SISO NTN 10MHz CP-OFDM QPSK 3705MHz Outer_Full_Ant11



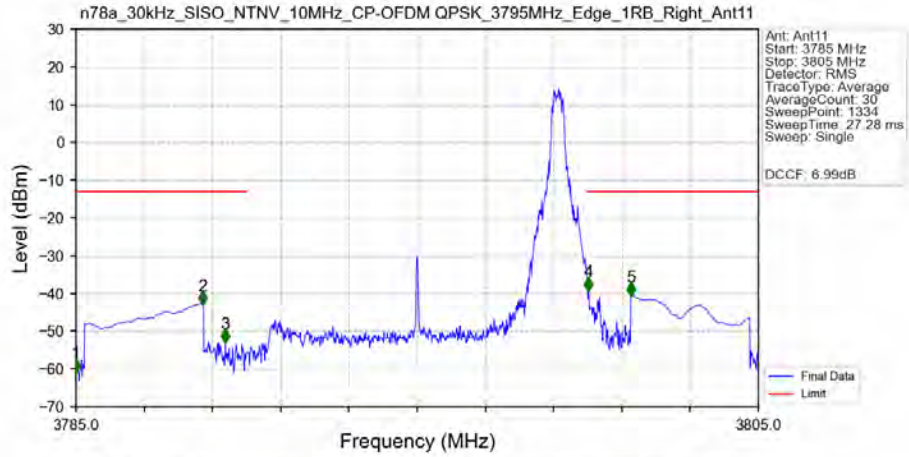
n78a_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant11



n78a_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant11

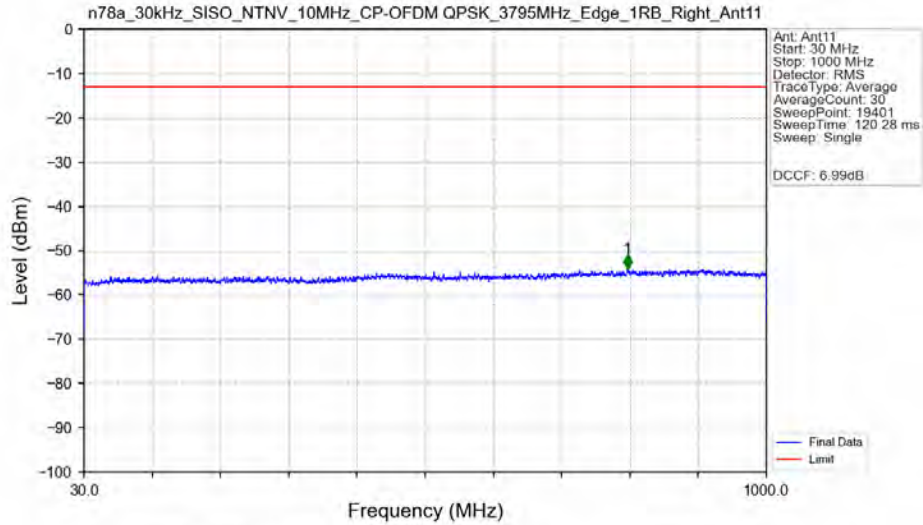


n78a_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3795MHz_Edge_1RB_Right_Ant11



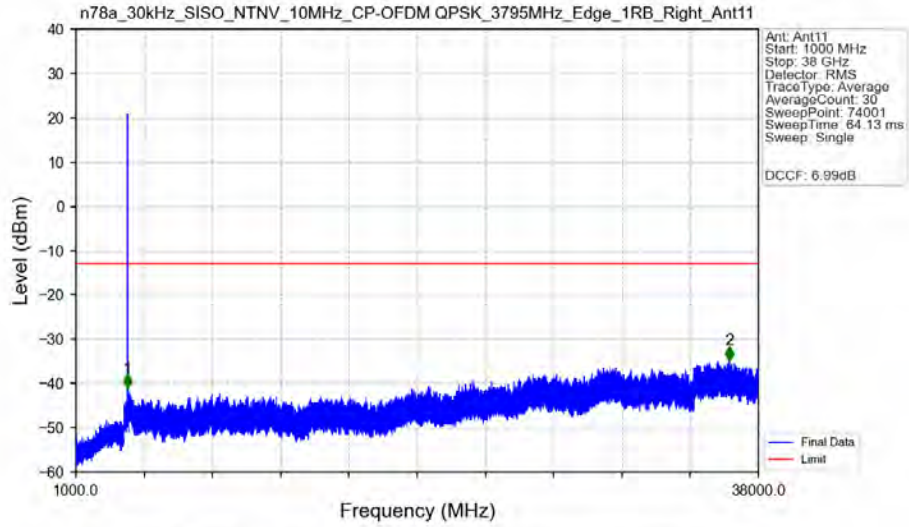
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3785	3785	0.5	/	1	3785.000	-60.62	-13	Pass
3785	3789	0.5	CHP	2	3788.721	-42.72	-13	Pass
3789	3790	0.03	/	3	3789.381	-52.74	-13	Pass
3790	3800	0.03	/	/	/	/	/	/
3800	3801	0.03	/	4	3800.019	-39.00	-13	Pass
3801	3805	0.5	CHP	5	3801.264	-40.37	-13	Pass

n78a_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3795MHz_Edge_1RB_Right_Ant11

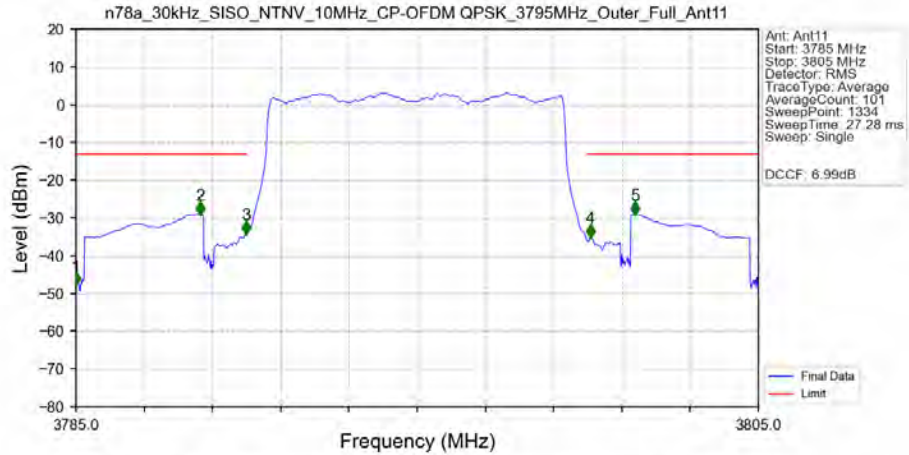


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	802.400	-54.07	-13	Pass

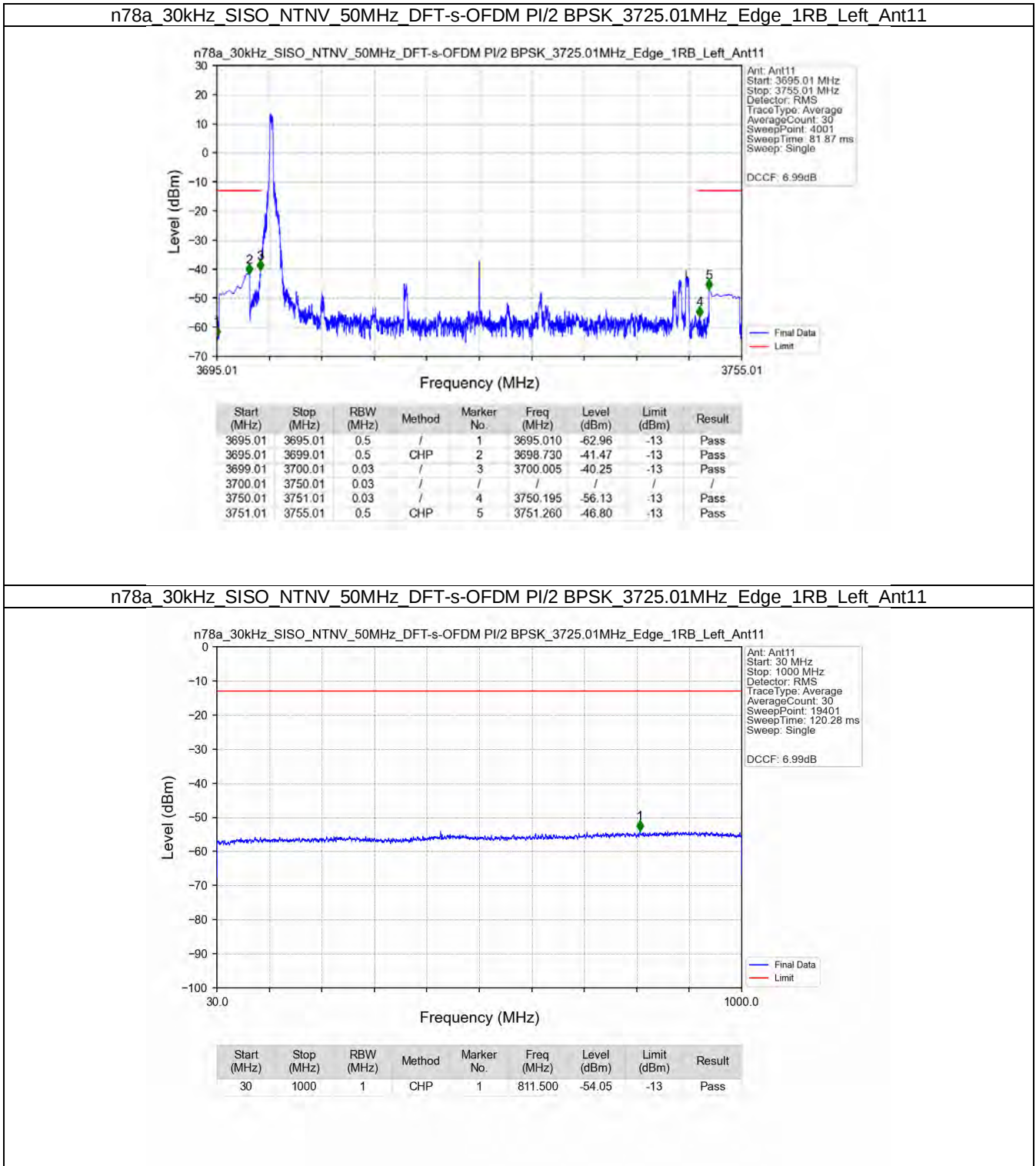
n78a 30kHz SISO NTV 10MHz CP-OFDM QPSK 3795MHz Edge 1RB Right Ant11



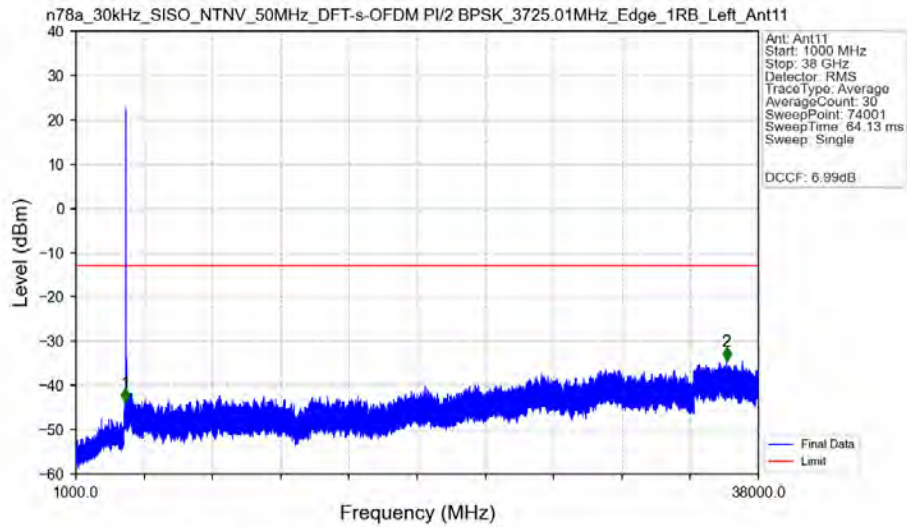
n78a 30kHz SISO NTV 10MHz CP-OFDM QPSK 3795MHz Outer_Full_Ant11



5.2.2 30k_SISO_50MHz_NTNV

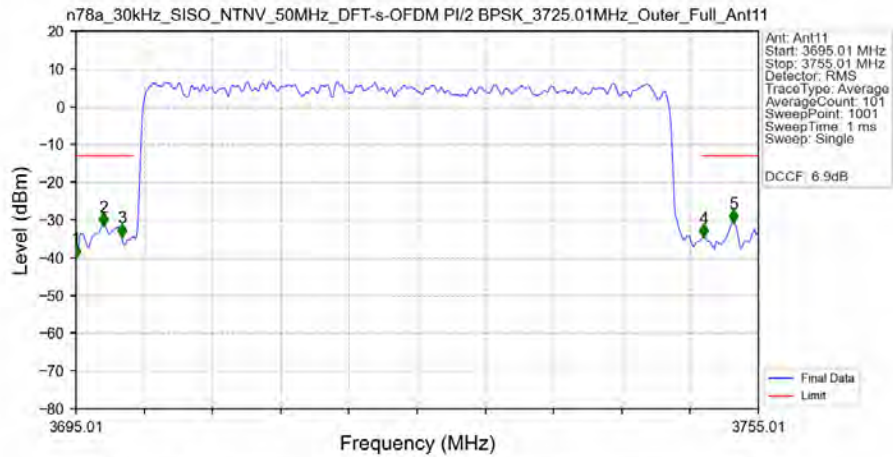


n78a 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3725.01MHz Edge 1RB Left Ant11



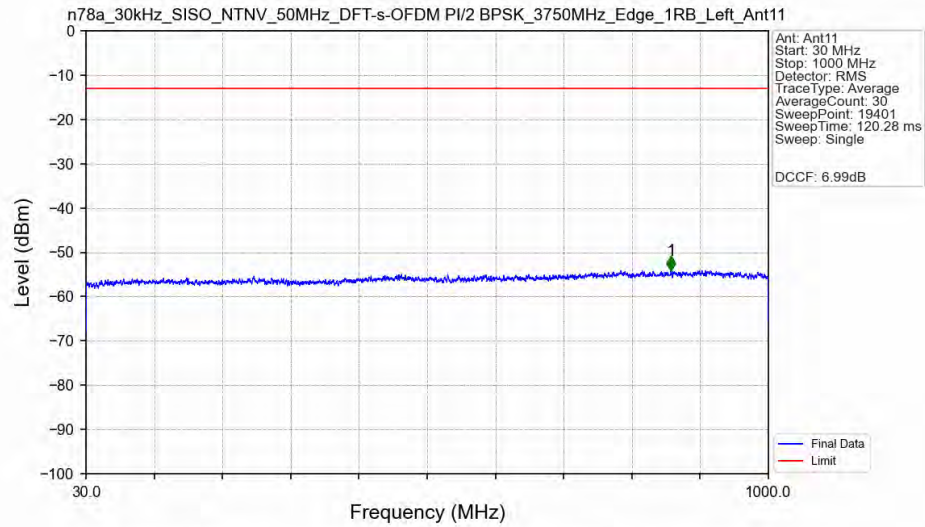
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	3689.000	-43.72	-13	Pass
3695.01	3755.01	1	/	/	/	/	/	/
3755.01	38000	1	/	2	36278.000	-34.42	-13	Pass

n78a 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3725.01MHz Outer_Full Ant11



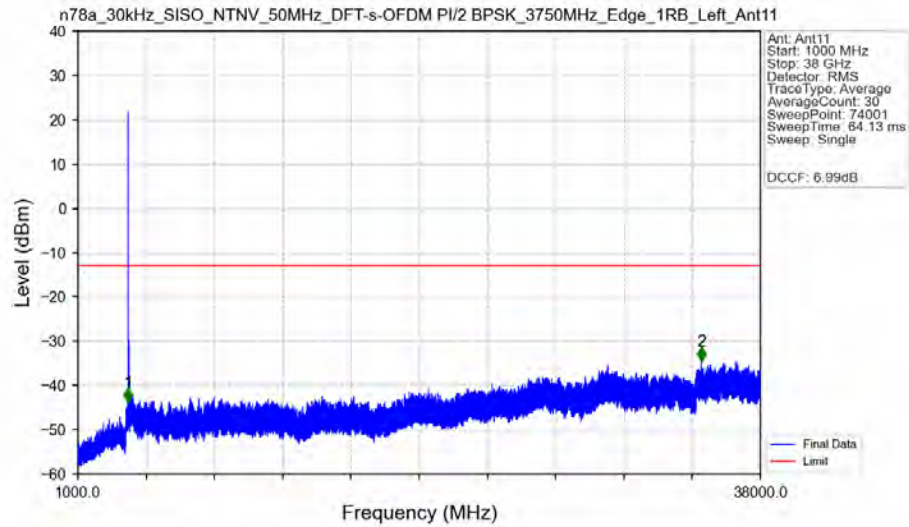
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-39.87	-13	Pass
3695.01	3699.01	0.5	CHP	2	3697.410	-31.45	-13	Pass
3699.01	3700.01	0.35	CHP	3	3699.030	-34.28	-13	Pass
3700.01	3750.01	0.35	CHP	/	/	/	/	/
3750.01	3751.01	0.35	CHP	4	3750.210	-34.45	-13	Pass
3751.01	3755.01	0.5	CHP	5	3752.790	-30.50	-13	Pass

n78a 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3750MHz Edge 1RB Left Ant11



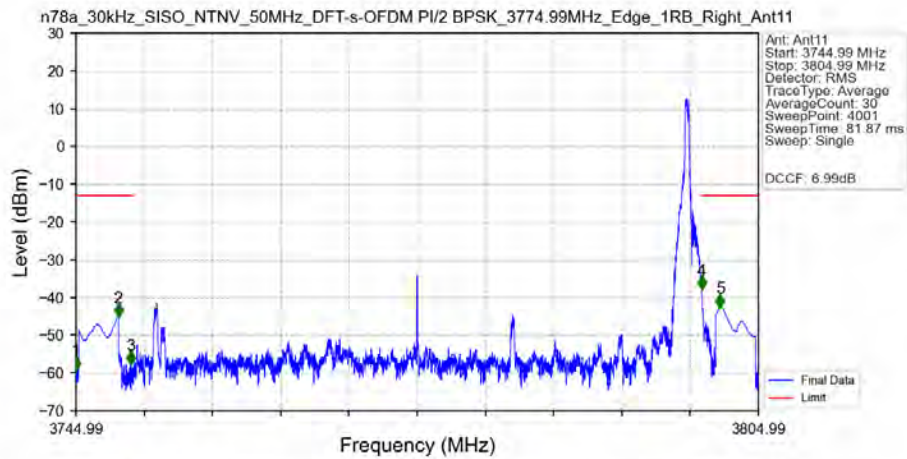
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	861.350	-54.08	-13	Pass

n78a 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3750MHz Edge 1RB Left Ant11



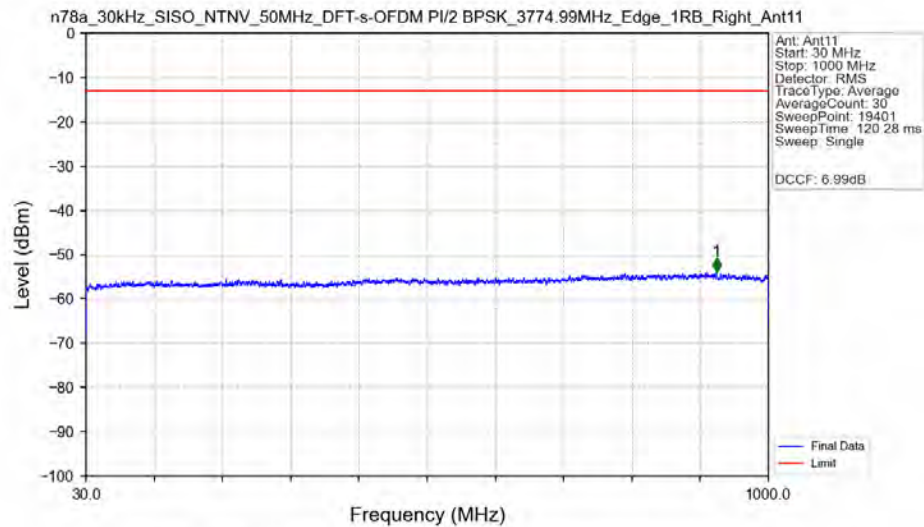
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3720	1	/	1	3718.000	-43.73	-13	Pass
3720	3780	1	/	/	/	/	/	/
3780	38000	1	/	2	34794.000	-34.43	-13	Pass

n78a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3774.99MHz_Edge_1RB_Right_Ant11



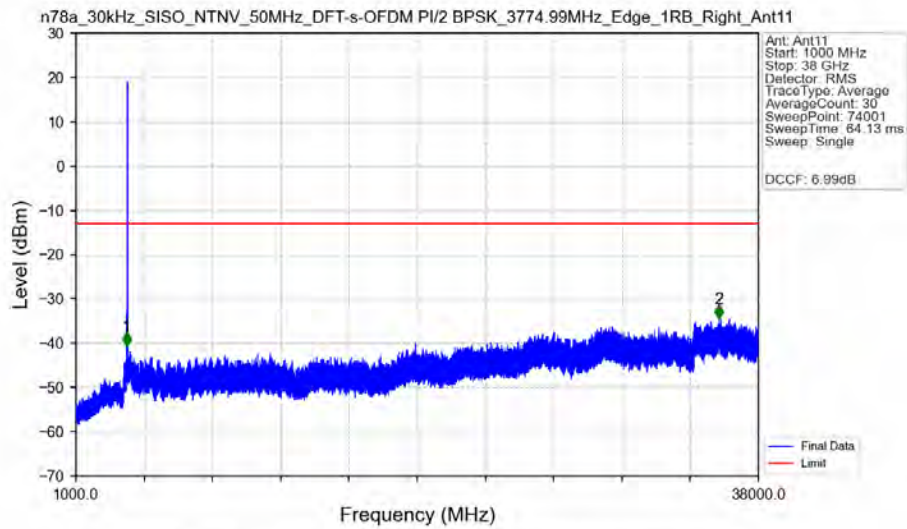
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3744.99	3744.99	0.5	/	1	3744.990	-58.92	-13	Pass
3744.99	3748.99	0.5	CHP	2	3748.725	-44.91	-13	Pass
3748.99	3749.99	0.03	/	3	3749.805	-57.49	-13	Pass
3749.99	3799.99	0.03	/	/	/	/	/	/
3799.99	3800.99	0.03	/	4	3799.995	-37.68	-13	Pass
3800.99	3804.99	0.5	CHP	5	3801.615	-42.46	-13	Pass

n78a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_3774.99MHz_Edge_1RB_Right_Ant11



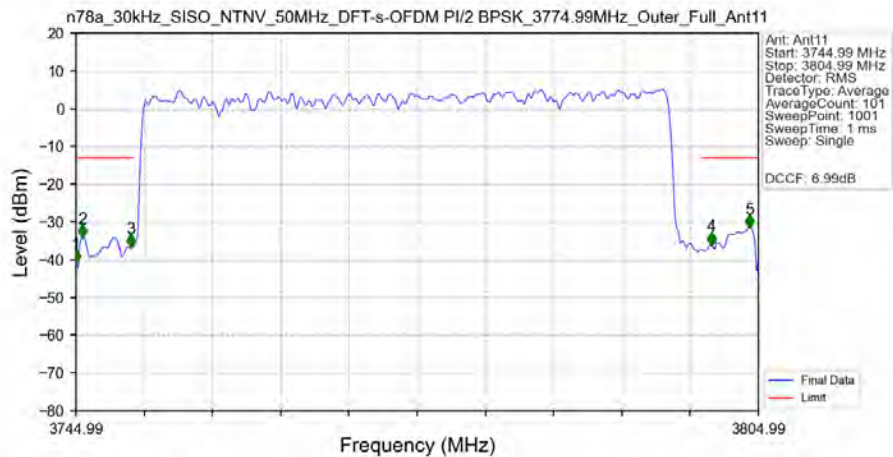
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	926.100	-53.77	-13	Pass

n78a 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3774.99MHz Edge 1RB Right Ant11



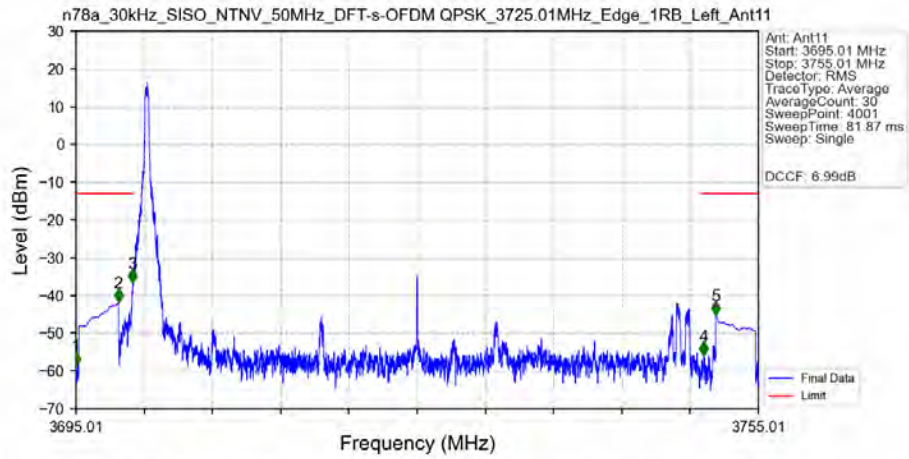
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3744.99	1	/	1	3740.500	-40.68	-13	Pass
3744.99	3804.99	1	/	/	/	/	/	/
3804.99	38000	1	/	2	35873.500	-34.42	-13	Pass

n78a 30kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 3774.99MHz Outer_Full Ant11



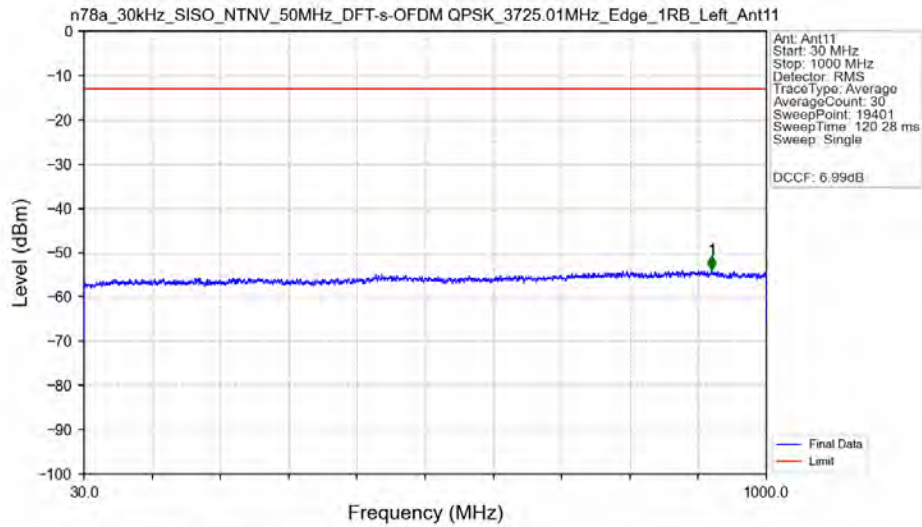
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3744.99	3744.99	0.5	/	1	3744.990	-40.64	-13	Pass
3744.99	3748.99	0.5	CHP	2	3745.590	-34.00	-13	Pass
3748.99	3749.99	0.35	CHP	3	3749.790	-36.50	-13	Pass
3749.99	3799.99	0.35	CHP	/	/	/	/	/
3799.99	3800.99	0.35	CHP	4	3800.850	-35.97	-13	Pass
3800.99	3804.99	0.5	CHP	5	3804.210	-31.39	-13	Pass

n78a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3725.01MHz_Edge_1RB_Left_Ant11



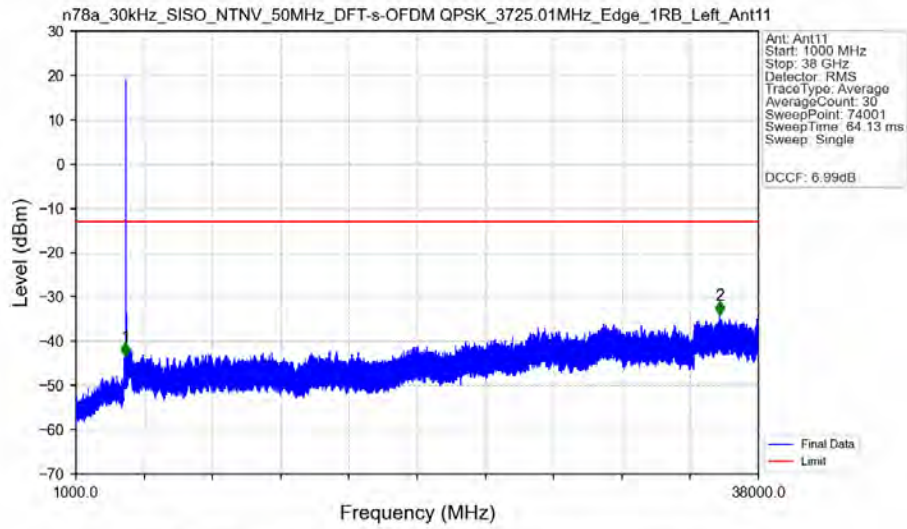
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-58.26	-13	Pass
3695.01	3699.01	0.5	CHP	2	3698.745	-41.44	-13	Pass
3699.01	3700.01	0.03	/	3	3700.005	-36.41	-13	Pass
3700.01	3750.01	0.03	/	/	/	/	/	/
3750.01	3751.01	0.03	/	4	3750.210	-55.58	-13	Pass
3751.01	3755.01	0.5	CHP	5	3751.260	-44.94	-13	Pass

n78a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3725.01MHz_Edge_1RB_Left_Ant11



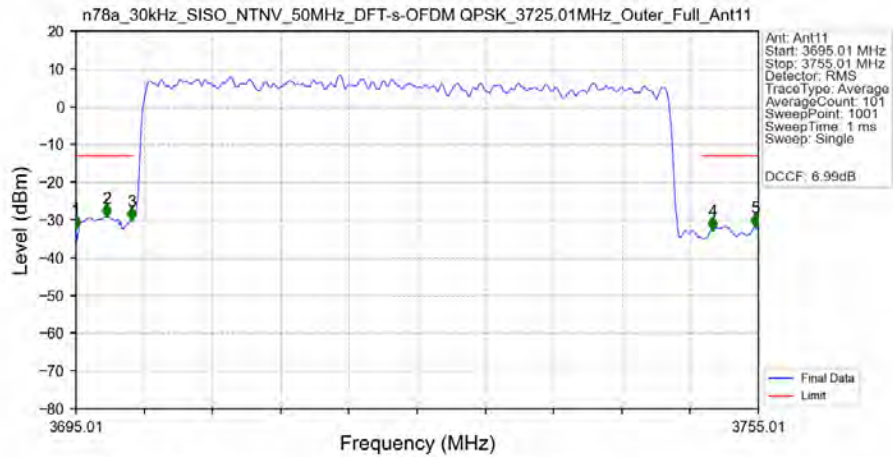
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	922.400	-53.93	-13	Pass

n78a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3725.01MHz_Edge_1RB_Left_Ant11



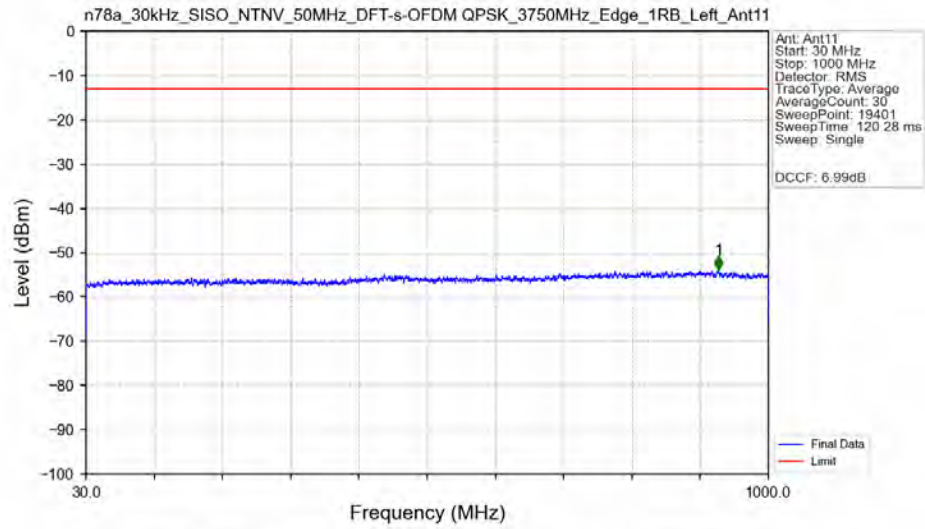
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	3677.500	-43.35	-13	Pass
3695.01	3755.01	1	/	/	/	/	/	/
3755.01	38000	1	/	2	35888.000	-34.02	-13	Pass

n78a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3725.01MHz_Outer_Full_Ant11

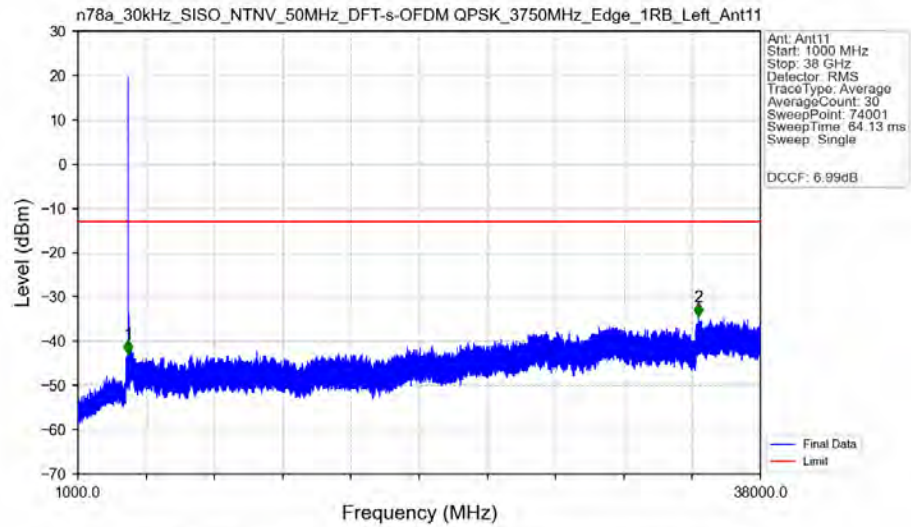


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-32.04	-13	Pass
3695.01	3699.01	0.5	CHP	2	3697.710	-29.10	-13	Pass
3699.01	3700.01	0.35	CHP	3	3699.870	-29.92	-13	Pass
3700.01	3750.01	0.35	CHP	/	/	/	/	/
3750.01	3751.01	0.35	CHP	4	3750.990	-32.47	-13	Pass
3751.01	3755.01	0.5	CHP	5	3754.710	-31.56	-13	Pass

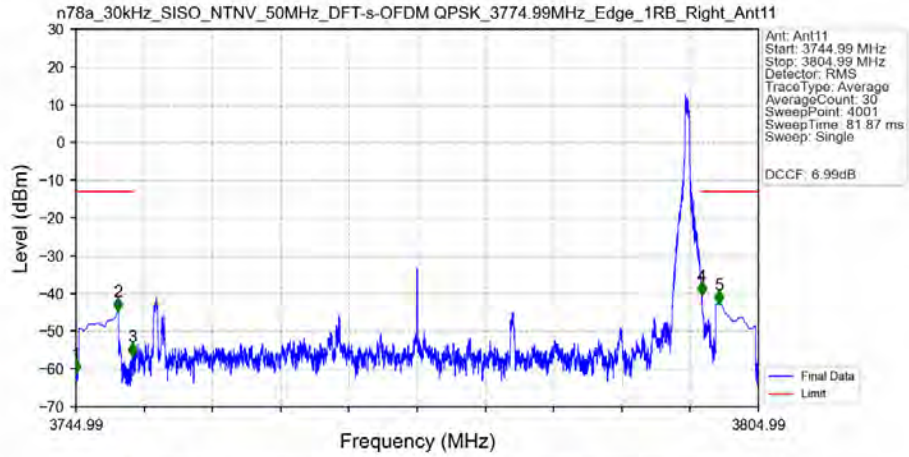
n78a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant11



n78a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant11

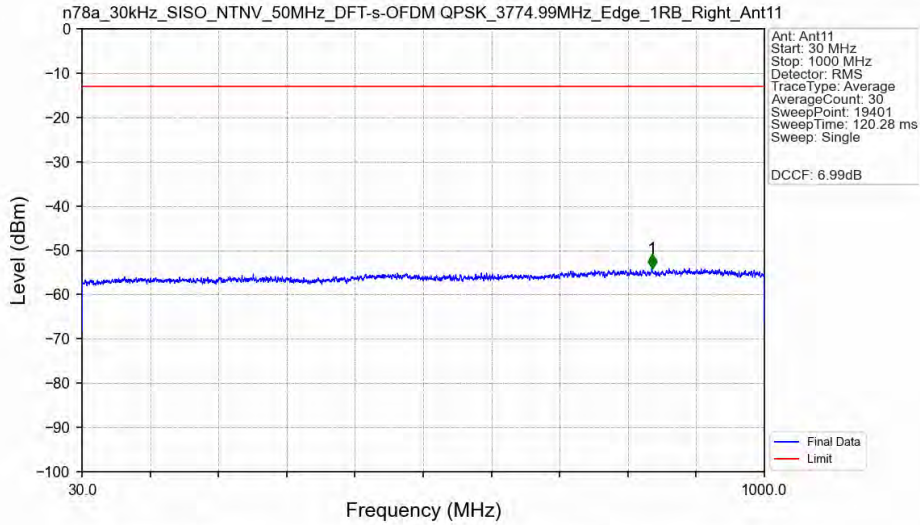


n78a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3774.99MHz_Edge_1RB_Right_Ant11



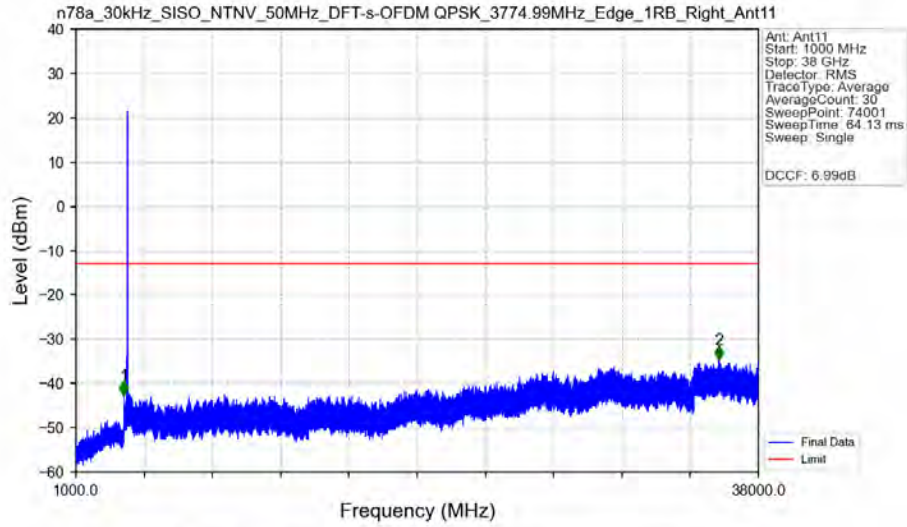
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3744.99	3744.99	0.5	/	1	3744.990	-60.79	-13	Pass
3744.99	3748.99	0.5	CHP	2	3748.710	-44.38	-13	Pass
3748.99	3749.99	0.03	/	3	3749.925	-56.36	-13	Pass
3749.99	3799.99	0.03	/	/	/	/	/	/
3799.99	3800.99	0.03	/	4	3799.995	-40.21	-13	Pass
3800.99	3804.99	0.5	CHP	5	3801.495	-42.58	-13	Pass

n78a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3774.99MHz_Edge_1RB_Right_Ant11

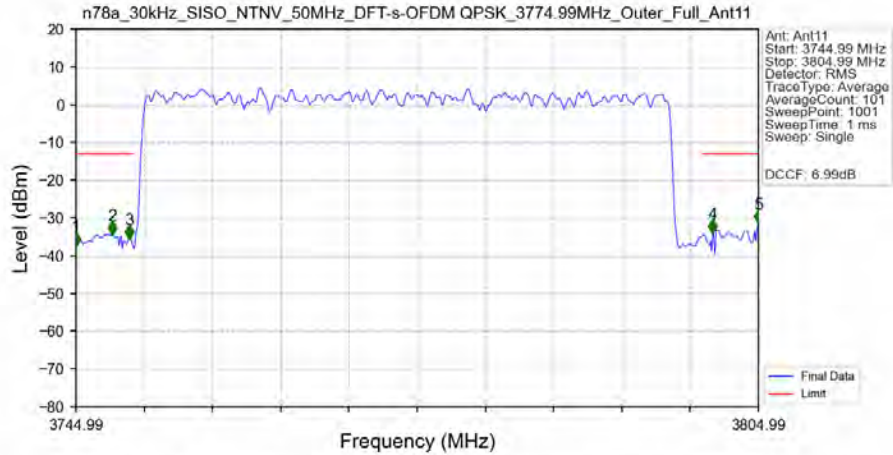


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	840.200	-54.05	-13	Pass

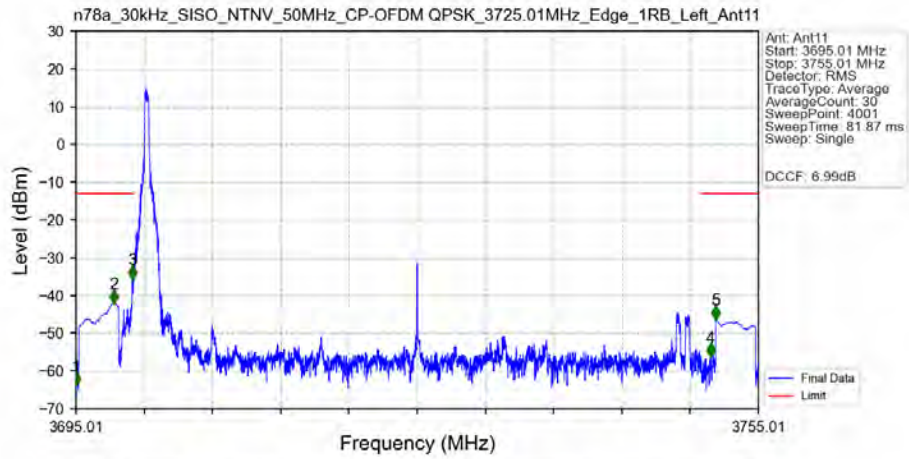
n78a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3774.99MHz_Edge_1RB_Right_Ant11



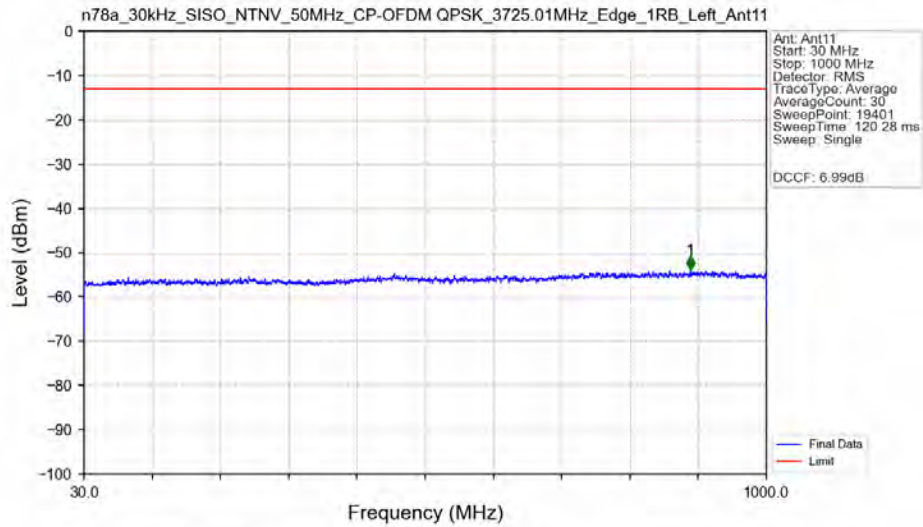
n78a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_3774.99MHz_Outer_Full_Ant11



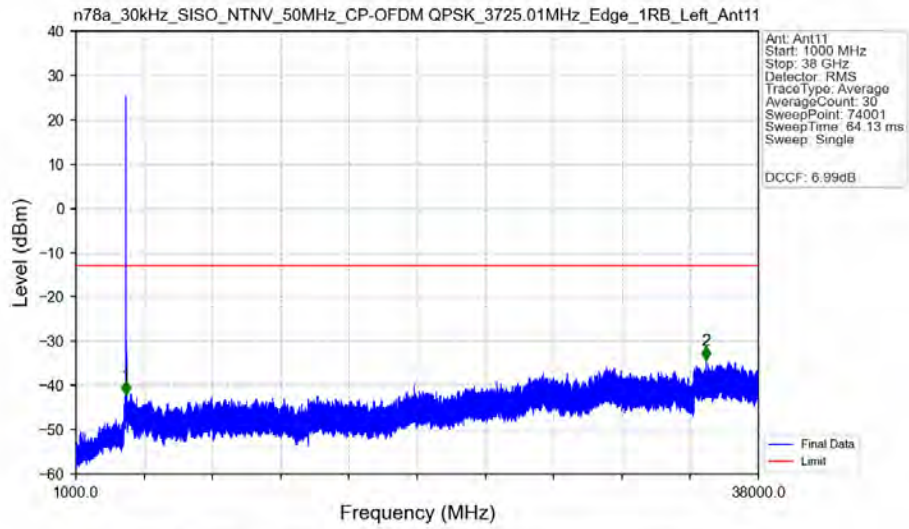
n78a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3725.01MHz_Edge_1RB_Left_Ant11



n78a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3725.01MHz_Edge_1RB_Left_Ant11

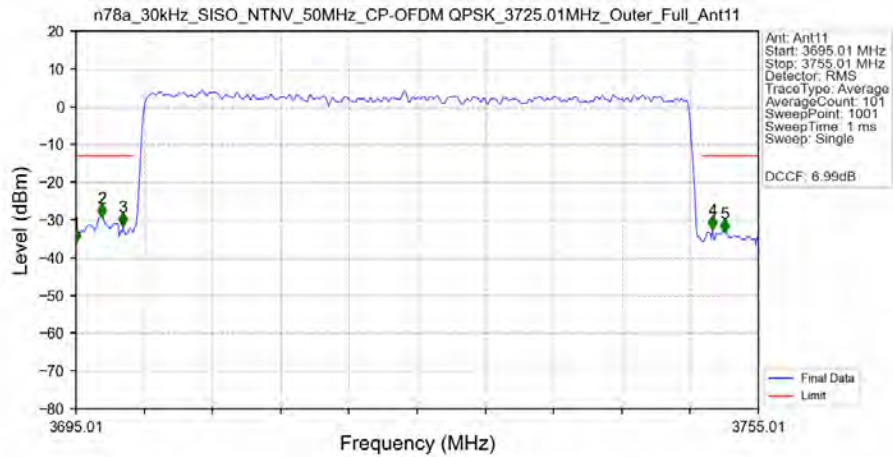


n78a 30kHz SISO NTV 50MHz CP-OFDM QPSK 3725.01MHz Edge 1RB Left Ant11



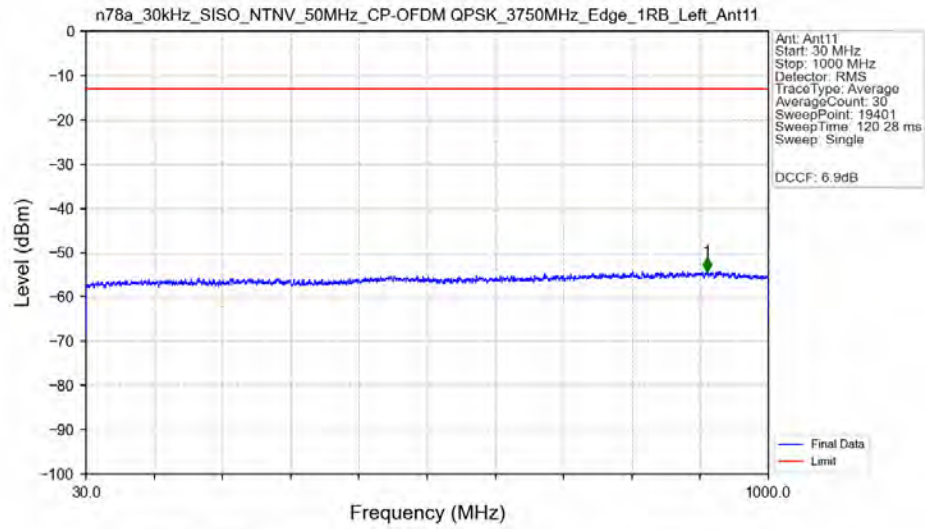
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.01	1	/	1	3692.000	-42.04	-13	Pass
3695.01	3755.01	1	/	/	/	/	/	/
3755.01	38000	1	/	2	35173.000	-34.31	-13	Pass

n78a 30kHz SISO NTV 50MHz CP-OFDM QPSK 3725.01MHz Outer_Full Ant11

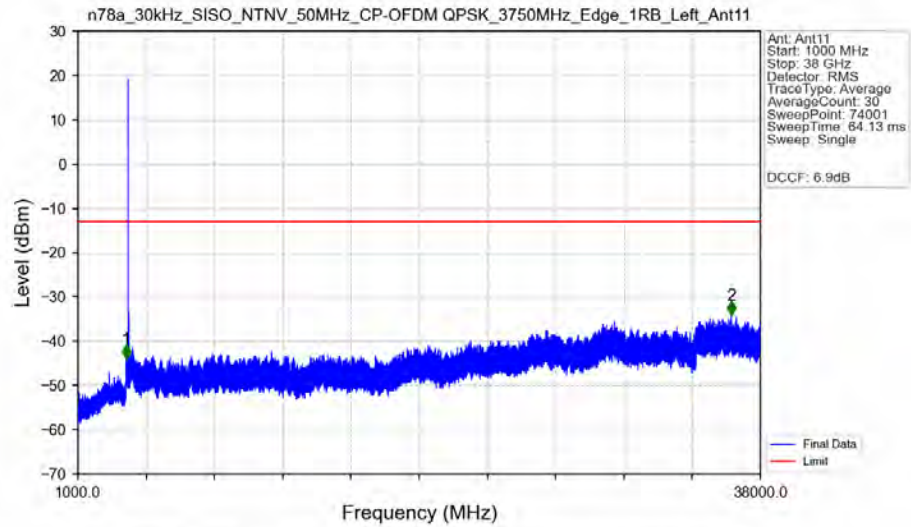


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.01	3695.01	0.5	/	1	3695.010	-35.63	-13	Pass
3695.01	3699.01	0.5	CHP	2	3697.290	-29.01	-13	Pass
3699.01	3700.01	0.35	CHP	3	3699.150	-31.36	-13	Pass
3700.01	3750.01	0.35	CHP	/	/	/	/	/
3750.01	3751.01	0.35	CHP	4	3750.990	-32.28	-13	Pass
3751.01	3755.01	0.5	CHP	5	3752.010	-33.04	-13	Pass

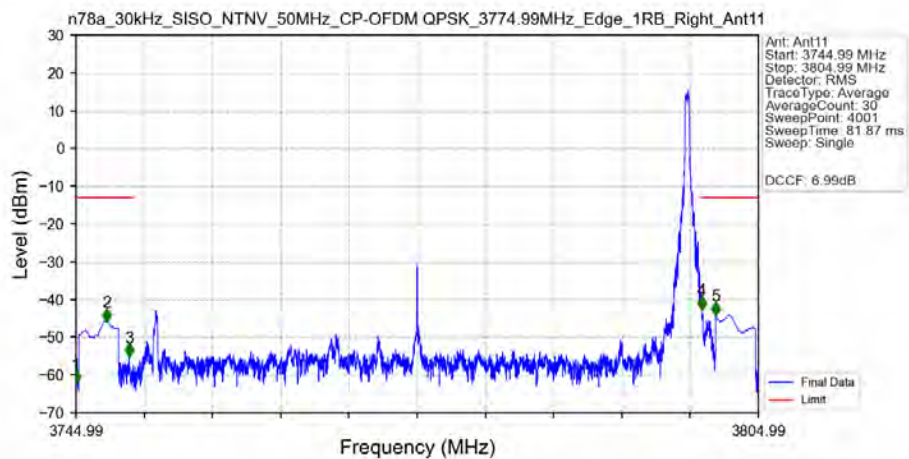
n78a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant11



n78a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant11

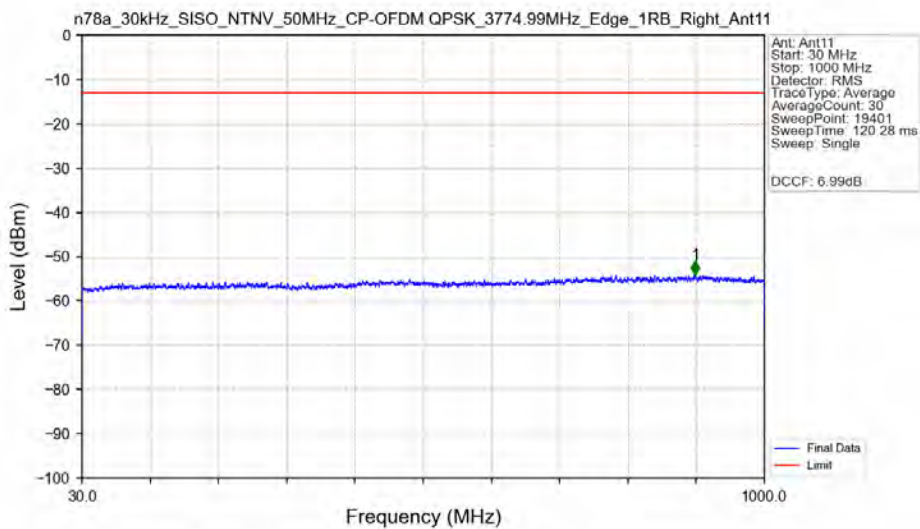


n78a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3774.99MHz_Edge_1RB_Right_Ant11



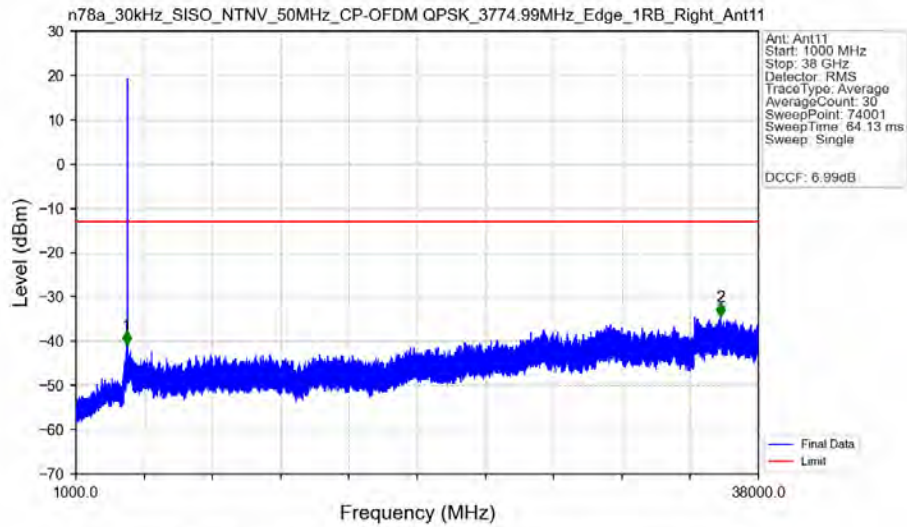
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3744.99	3744.99	0.5	/	1	3744.990	-62.05	-13	Pass
3744.99	3748.99	0.5	CHP	2	3747.675	-45.68	-13	Pass
3748.99	3749.99	0.03	/	3	3749.655	-54.96	-13	Pass
3749.99	3799.99	0.03	/	/	/	/	/	/
3799.99	3800.99	0.03	/	4	3799.995	-42.43	-13	Pass
3800.99	3804.99	0.5	CHP	5	3801.240	-43.91	-13	Pass

n78a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3774.99MHz_Edge_1RB_Right_Ant11



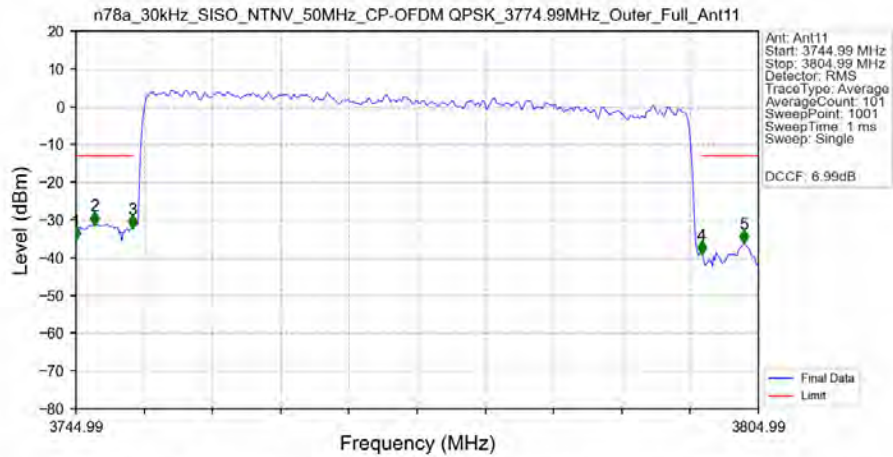
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	901.900	-54.11	-13	Pass

n78a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3774.99MHz_Edge_1RB_Right_Ant11



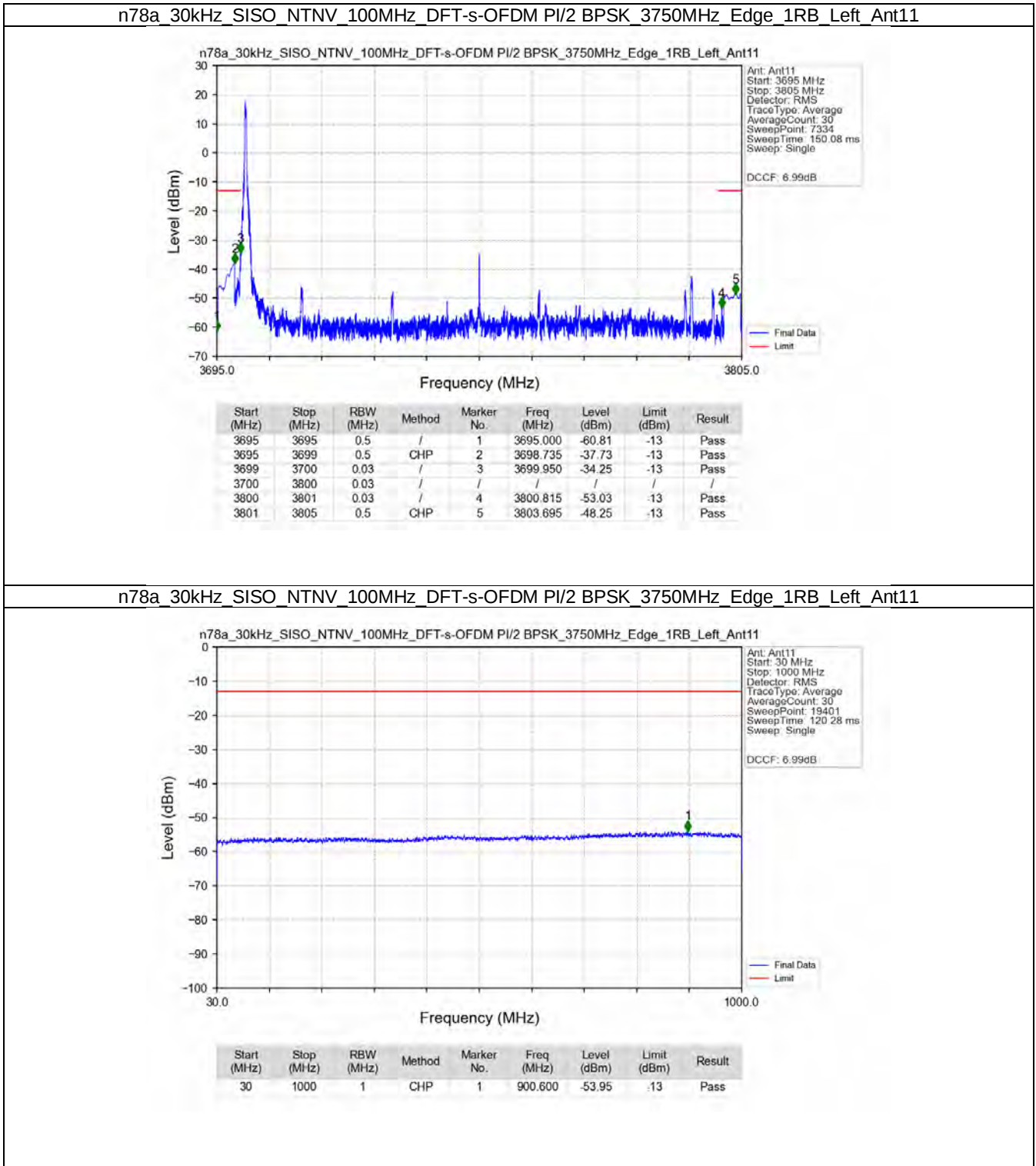
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3744.99	1	/	1	3740.000	-40.73	-13	Pass
3744.99	3804.99	1	/	/	/	/	/	/
3804.99	38000	1	/	2	35954.500	-34.37	-13	Pass

n78a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3774.99MHz_Outer_Full_Ant11

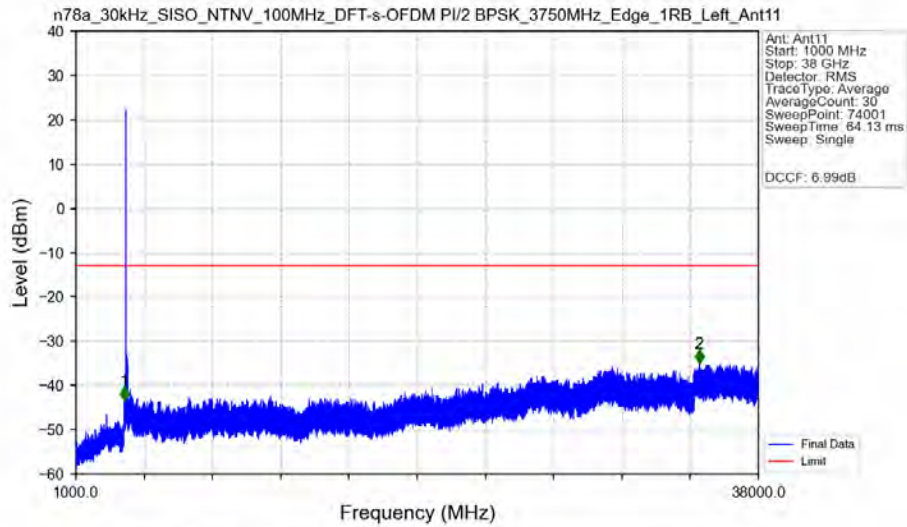


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3744.99	3744.99	0.5	/	1	3744.990	-34.98	-13	Pass
3744.99	3748.99	0.5	CHP	2	3746.610	-31.05	-13	Pass
3748.99	3749.99	0.35	CHP	3	3749.970	-31.97	-13	Pass
3749.99	3799.99	0.35	CHP	/	/	/	/	/
3799.99	3800.99	0.35	CHP	4	3800.010	-38.84	-13	Pass
3800.99	3804.99	0.5	CHP	5	3803.730	-35.94	-13	Pass

5.2.3 30k_SISO_100MHz_NTNV

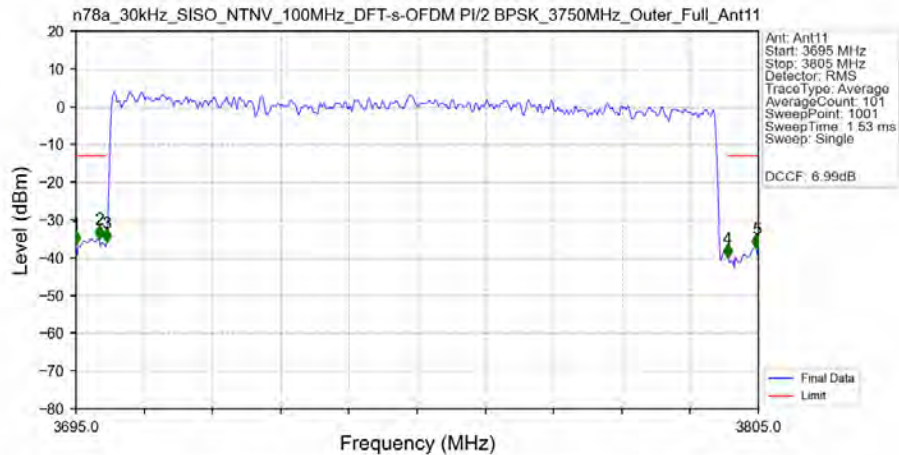


n78a 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 3750MHz Edge 1RB Left Ant11



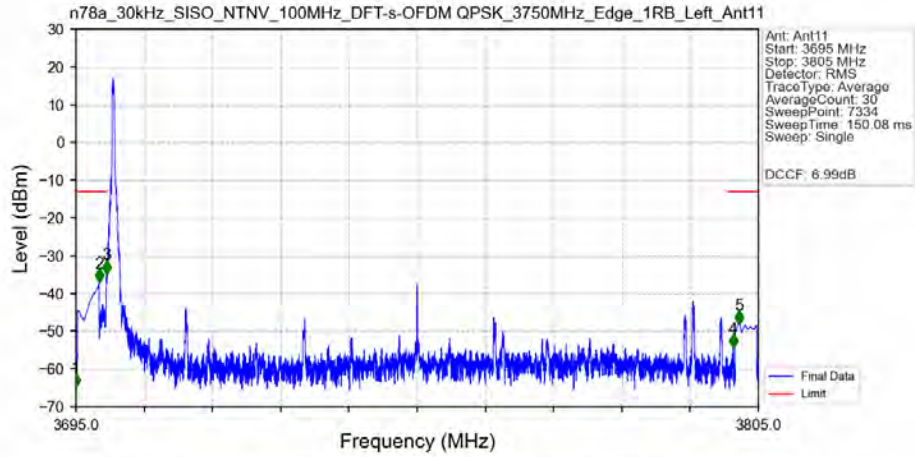
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3612.500	-43.40	-13	Pass
3695	3805	1	/	/	/	/	/	/
3805	38000	1	/	2	34792.000	-35.01	-13	Pass

n78a 30kHz SISO NTN 100MHz DFT-s-OFDM PI/2 BPSK 3750MHz Outer_Full Ant11

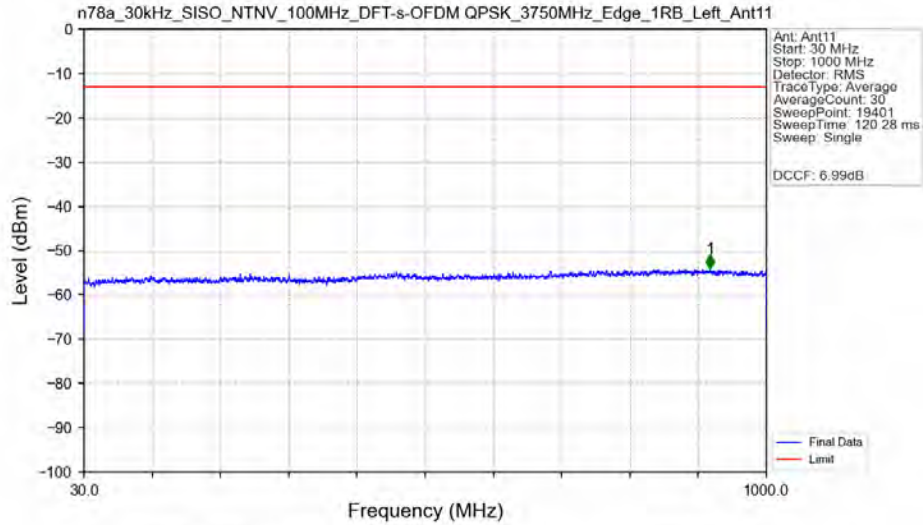


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-36.23	-13	Pass
3695	3699	0.5	CHP	2	3698.740	-34.72	-13	Pass
3699	3700	0.35	CHP	3	3699.950	-35.71	-13	Pass
3700	3800	0.35	CHP	/	/	/	/	/
3800	3801	0.35	CHP	4	3800.050	-39.72	-13	Pass
3801	3805	0.5	CHP	5	3804.670	-37.13	-13	Pass

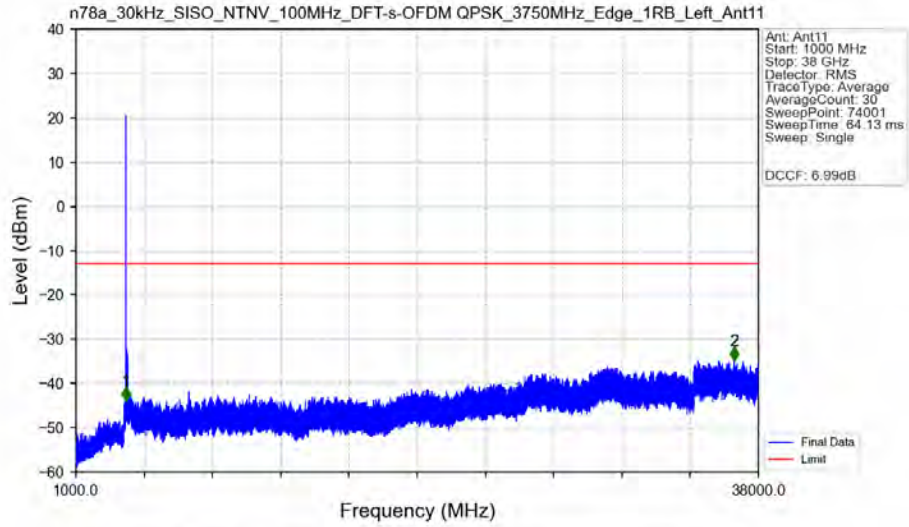
n78a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant11



n78a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant11

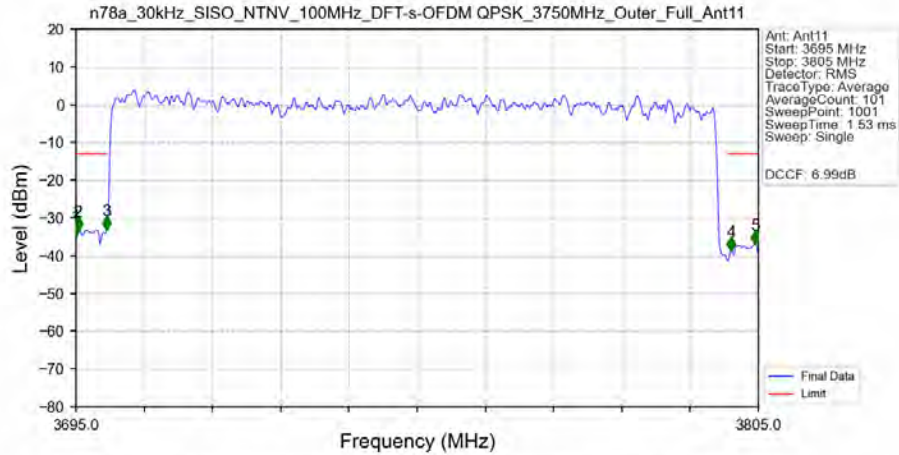


n78a 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 3750MHz Edge 1RB Left Ant11



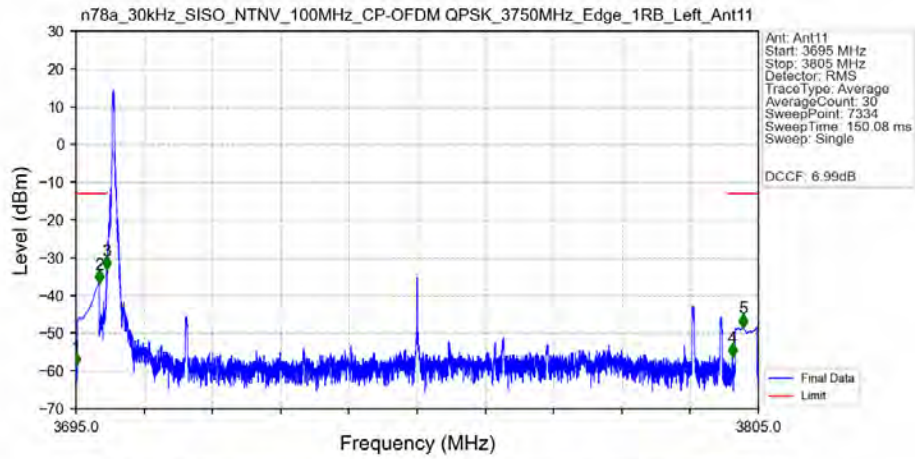
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3690.500	-43.89	-13	Pass
3695	3805	1	/	/	/	/	/	/
3805	38000	1	/	2	36683.500	-34.85	-13	Pass

n78a 30kHz SISO NTN 100MHz DFT-s-OFDM QPSK 3750MHz Outer_Full_Ant11



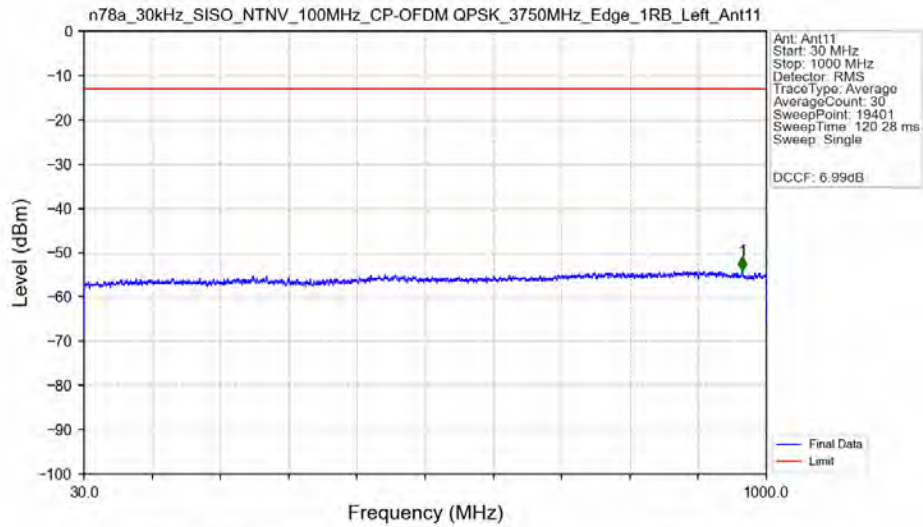
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-34.29	-13	Pass
3695	3699	0.5	CHP	2	3695.330	-33.12	-13	Pass
3699	3700	0.35	CHP	3	3699.950	-32.94	-13	Pass
3700	3800	0.35	CHP	/	/	/	/	/
3800	3801	0.35	CHP	4	3800.600	-38.41	-13	Pass
3801	3805	0.5	CHP	5	3804.450	-36.76	-13	Pass

n78a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant11



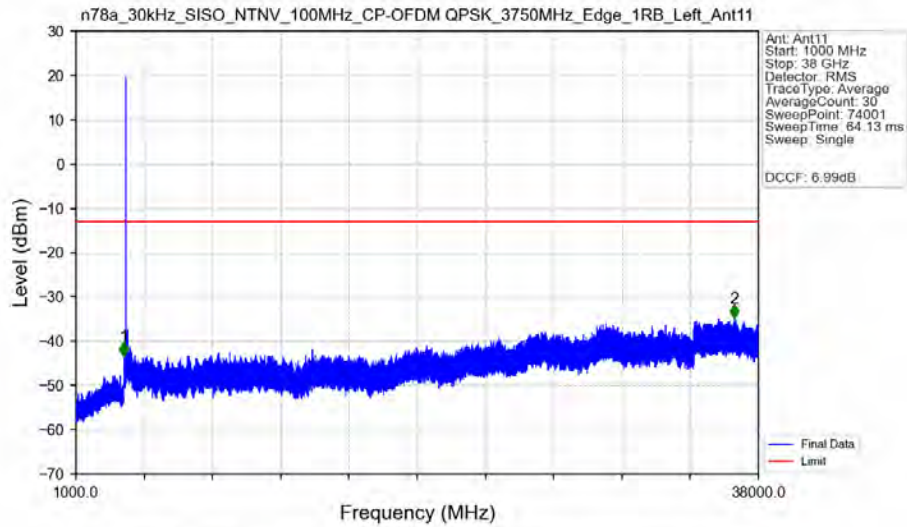
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-58.30	-13	Pass
3695	3699	0.5	CHP	2	3698.735	-36.54	-13	Pass
3699	3700	0.03	/	3	3699.950	-32.96	-13	Pass
3700	3800	0.03	/	/	/	/	/	/
3800	3801	0.03	/	4	3800.815	-56.01	-13	Pass
3801	3805	0.5	CHP	5	3802.555	-48.19	-13	Pass

n78a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Edge_1RB_Left_Ant11



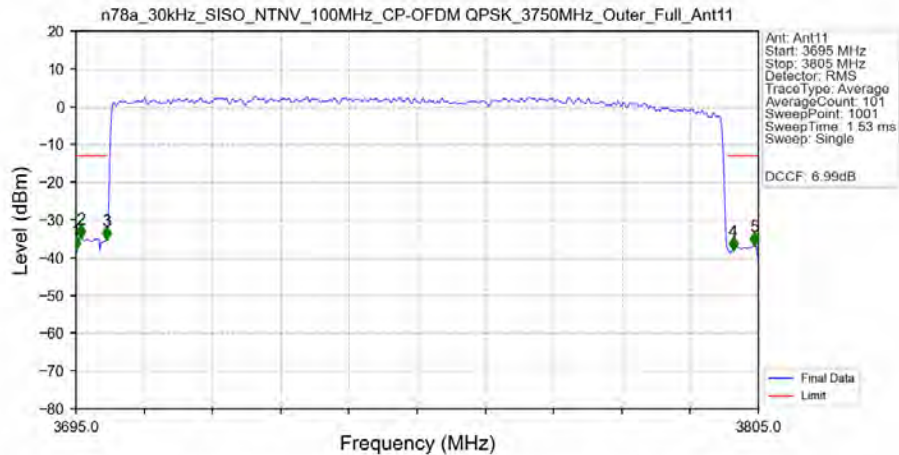
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	965.800	-53.96	-13	Pass

n78a 30kHz SISO NTNv 100MHz CP-OFDM QPSK 3750MHz Edge 1RB Left Ant11



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3601.500	-43.32	-13	Pass
3695	3805	1	/	/	/	/	/	/
3805	38000	1	/	2	36699.500	-34.81	-13	Pass

n78a 30kHz SISO NTNv 100MHz CP-OFDM QPSK 3750MHz Outer_Full_Ant11



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-37.65	-13	Pass
3695	3699	0.5	CHP	2	3695.770	-34.65	-13	Pass
3699	3700	0.35	CHP	3	3699.950	-35.02	-13	Pass
3700	3800	0.35	CHP	/	/	/	/	/
3800	3801	0.35	CHP	4	3800.930	-37.84	-13	Pass
3801	3805	0.5	CHP	5	3804.340	-36.50	-13	Pass

6. Field Strength of Spurious Radiation

NR N78b(3700-3800MHz) ANT11-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
7410.0	-55.15	-13	-42.15	-61.84	4.94	11.63	Horizontal	Pass
11115.0	-54.95	-13	-41.95	-62.4	5.81	13.26	Horizontal	Pass
14820.0	-54.96	-13	-41.96	-62.52	6.92	14.48	Horizontal	Pass
7410.0	-46.48	-13	-33.48	-53.17	4.94	11.63	Vertical	Pass
11115.0	-55.17	-13	-42.17	-62.62	5.81	13.26	Vertical	Pass
14820.0	-54.8	-13	-41.8	-62.36	6.92	14.48	Vertical	Pass

NSA_2A_n78A 3700-3800-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
7410.0	-51.3	-13	-38.3	-57.99	4.94	11.63	Horizontal	Pass
11115.0	-52.76	-13	-39.76	-60.21	5.81	13.26	Horizontal	Pass
14820.0	-54.31	-13	-41.31	-61.87	6.92	14.48	Horizontal	Pass
7410.0	-52.3	-13	-39.3	-58.99	4.94	11.63	Vertical	Pass
11115.0	-46.47	-13	-33.47	-53.92	5.81	13.26	Vertical	Pass
14820.0	-54.09	-13	-41.09	-61.65	6.92	14.48	Vertical	Pass