

		Edge_1RB_Right	19.87	/	/	17.09	/	/	<=30	Pass
		Outer_Full	19.75	/	/	16.97	/	/	<=30	Pass
		Inner_Full	19.80	/	/	17.02	/	/	<=30	Pass
		Inner_1RB_Left	19.73	/	/	16.95	/	/	<=30	Pass
		Inner_1RB_Right	19.85	/	/	17.07	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	19.50	/	/	16.72	/	/	<=30	Pass
		Edge_1RB_Right	19.73	/	/	16.95	/	/	<=30	Pass
		Outer_Full	19.73	/	/	16.95	/	/	<=30	Pass
		Inner_Full	19.81	/	/	17.03	/	/	<=30	Pass
		Inner_1RB_Left	19.51	/	/	16.73	/	/	<=30	Pass
		Inner_1RB_Right	19.75	/	/	16.97	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -2.78dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30k_SISO_70MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 70MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3735	Edge 1RB Left	22.47	/	/	19.69	/	/	<=30	Pass
		Edge 1RB Right	22.79	/	/	20.01	/	/	<=30	Pass
		Outer Full	25.68	/	/	22.90	/	/	<=30	Pass
		Inner Full	26.20	/	/	23.42	/	/	<=30	Pass
		Inner 1RB Left	25.99	/	/	23.21	/	/	<=30	Pass
	3750	Inner 1RB Right	26.21	/	/	23.43	/	/	<=30	Pass
		Edge 1RB Left	22.70	/	/	19.92	/	/	<=30	Pass
		Edge 1RB Right	22.83	/	/	20.05	/	/	<=30	Pass
		Outer Full	25.80	/	/	23.02	/	/	<=30	Pass
		Inner Full	26.31	/	/	23.53	/	/	<=30	Pass
	3765	Inner 1RB Left	26.11	/	/	23.33	/	/	<=30	Pass
		Inner 1RB Right	26.22	/	/	23.44	/	/	<=30	Pass
		Edge 1RB Left	22.56	/	/	19.78	/	/	<=30	Pass
		Edge 1RB Right	22.66	/	/	19.88	/	/	<=30	Pass
		Outer Full	25.73	/	/	22.95	/	/	<=30	Pass
DFT-s-OFDM QPSK	3735	Inner Full	26.27	/	/	23.49	/	/	<=30	Pass
		Inner 1RB Left	26.08	/	/	23.30	/	/	<=30	Pass
		Inner 1RB Right	26.18	/	/	23.40	/	/	<=30	Pass
	3750	Edge 1RB Left	22.48	/	/	19.70	/	/	<=30	Pass
		Edge 1RB Right	22.78	/	/	20.00	/	/	<=30	Pass
		Outer Full	25.20	/	/	22.42	/	/	<=30	Pass
		Inner Full	26.19	/	/	23.41	/	/	<=30	Pass
	3765	Inner 1RB Left	25.82	/	/	23.04	/	/	<=30	Pass
		Inner 1RB Right	26.18	/	/	23.40	/	/	<=30	Pass
		Edge 1RB Left	22.70	/	/	19.92	/	/	<=30	Pass
		Edge 1RB Right	22.79	/	/	20.01	/	/	<=30	Pass
		Outer Full	25.30	/	/	22.52	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3735	Inner Full	26.31	/	/	23.53	/	/	<=30	Pass
		Inner 1RB Left	26.04	/	/	23.26	/	/	<=30	Pass
		Inner 1RB Right	26.16	/	/	23.38	/	/	<=30	Pass
	3750	Edge 1RB Left	22.54	/	/	19.76	/	/	<=30	Pass
		Edge 1RB Right	22.63	/	/	19.85	/	/	<=30	Pass
		Outer Full	25.22	/	/	22.44	/	/	<=30	Pass
	3765	Inner Full	26.29	/	/	23.51	/	/	<=30	Pass
		Inner 1RB Left	25.97	/	/	23.19	/	/	<=30	Pass
		Inner 1RB Right	26.04	/	/	23.26	/	/	<=30	Pass
	3735	Edge 1RB Left	22.33	/	/	19.55	/	/	<=30	Pass
		Edge 1RB Right	22.67	/	/	19.89	/	/	<=30	Pass
		Outer Full	24.24	/	/	21.46	/	/	<=30	Pass

		Inner_Full	25.21	/	/	22.43	/	/	<=30	Pass
		Inner_1RB_Left	24.83	/	/	22.05	/	/	<=30	Pass
		Inner_1RB_Right	25.17	/	/	22.39	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.59	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	19.90	/	/	<=30	Pass
		Outer_Full	24.35	/	/	21.57	/	/	<=30	Pass
		Inner_Full	25.36	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Left	24.83	/	/	22.05	/	/	<=30	Pass
		Inner_1RB_Right	24.94	/	/	22.16	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.36	/	/	19.58	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	19.67	/	/	<=30	Pass
		Outer_Full	24.27	/	/	21.49	/	/	<=30	Pass
		Inner_Full	25.31	/	/	22.53	/	/	<=30	Pass
		Inner_1RB_Left	24.92	/	/	22.14	/	/	<=30	Pass
		Inner_1RB_Right	24.90	/	/	22.12	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3735	Edge_1RB_Left	22.65	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	22.96	/	/	20.18	/	/	<=30	Pass
		Outer_Full	23.73	/	/	20.95	/	/	<=30	Pass
		Inner_Full	23.75	/	/	20.97	/	/	<=30	Pass
		Inner_1RB_Left	23.58	/	/	20.80	/	/	<=30	Pass
		Inner_1RB_Right	23.86	/	/	21.08	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.84	/	/	20.06	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	20.19	/	/	<=30	Pass
		Outer_Full	23.84	/	/	21.06	/	/	<=30	Pass
		Inner_Full	23.85	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Left	23.84	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Right	23.87	/	/	21.09	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.67	/	/	19.89	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	20.05	/	/	<=30	Pass
		Outer_Full	23.77	/	/	20.99	/	/	<=30	Pass
		Inner_Full	23.84	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Left	23.76	/	/	20.98	/	/	<=30	Pass
		Inner_1RB_Right	23.77	/	/	20.99	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3735	Edge_1RB_Left	21.53	/	/	18.75	/	/	<=30	Pass
		Edge_1RB_Right	21.77	/	/	18.99	/	/	<=30	Pass
		Outer_Full	21.77	/	/	18.99	/	/	<=30	Pass
		Inner_Full	21.79	/	/	19.01	/	/	<=30	Pass
		Inner_1RB_Left	21.49	/	/	18.71	/	/	<=30	Pass
		Inner_1RB_Right	21.78	/	/	19.00	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.75	/	/	18.97	/	/	<=30	Pass
		Edge_1RB_Right	21.83	/	/	19.05	/	/	<=30	Pass
		Outer_Full	21.88	/	/	19.10	/	/	<=30	Pass
		Inner_Full	21.86	/	/	19.08	/	/	<=30	Pass
		Inner_1RB_Left	21.73	/	/	18.95	/	/	<=30	Pass
		Inner_1RB_Right	21.83	/	/	19.05	/	/	<=30	Pass
	3765	Edge_1RB_Left	21.56	/	/	18.78	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	18.92	/	/	<=30	Pass
		Outer_Full	21.79	/	/	19.01	/	/	<=30	Pass
		Inner_Full	21.80	/	/	19.02	/	/	<=30	Pass
		Inner_1RB_Left	21.59	/	/	18.81	/	/	<=30	Pass
		Inner_1RB_Right	21.69	/	/	18.91	/	/	<=30	Pass
CP-OFDM QPSK	3735	Edge_1RB_Left	22.49	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	22.84	/	/	20.06	/	/	<=30	Pass
		Outer_Full	23.26	/	/	20.48	/	/	<=30	Pass
		Inner_Full	24.68	/	/	21.90	/	/	<=30	Pass
		Inner_1RB_Left	24.24	/	/	21.46	/	/	<=30	Pass
		Inner_1RB_Right	24.84	/	/	22.06	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.57	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	22.89	/	/	20.11	/	/	<=30	Pass

		Outer_Full	23.31	/	/	20.53	/	/	<=30	Pass
		Inner_Full	24.79	/	/	22.01	/	/	<=30	Pass
		Inner_1RB_Left	24.89	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Right	24.94	/	/	22.16	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.58	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	19.90	/	/	<=30	Pass
		Outer_Full	23.26	/	/	20.48	/	/	<=30	Pass
		Inner_Full	24.76	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Left	24.31	/	/	21.53	/	/	<=30	Pass
		Inner_1RB_Right	24.74	/	/	21.96	/	/	<=30	Pass
CP-OFDM 16 QAM	3735	Edge_1RB_Left	22.11	/	/	19.33	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	19.83	/	/	<=30	Pass
		Outer_Full	23.25	/	/	20.47	/	/	<=30	Pass
		Inner_Full	24.23	/	/	21.45	/	/	<=30	Pass
		Inner_1RB_Left	23.64	/	/	20.86	/	/	<=30	Pass
		Inner_1RB_Right	23.89	/	/	21.11	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.42	/	/	19.64	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	19.75	/	/	<=30	Pass
		Outer_Full	23.31	/	/	20.53	/	/	<=30	Pass
		Inner_Full	24.32	/	/	21.54	/	/	<=30	Pass
		Inner_1RB_Left	23.85	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Right	24.00	/	/	21.22	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.26	/	/	19.48	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	19.64	/	/	<=30	Pass
		Outer_Full	23.22	/	/	20.44	/	/	<=30	Pass
		Inner_Full	24.30	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Left	23.72	/	/	20.94	/	/	<=30	Pass
		Inner_1RB_Right	23.73	/	/	20.95	/	/	<=30	Pass
CP-OFDM 64 QAM	3735	Edge_1RB_Left	22.54	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	20.09	/	/	<=30	Pass
		Outer_Full	22.77	/	/	19.99	/	/	<=30	Pass
		Inner_Full	22.74	/	/	19.96	/	/	<=30	Pass
		Inner_1RB_Left	22.58	/	/	19.80	/	/	<=30	Pass
		Inner_1RB_Right	22.99	/	/	20.21	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.79	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	20.19	/	/	<=30	Pass
		Outer_Full	22.81	/	/	20.03	/	/	<=30	Pass
		Inner_Full	22.83	/	/	20.05	/	/	<=30	Pass
		Inner_1RB_Left	22.88	/	/	20.10	/	/	<=30	Pass
		Inner_1RB_Right	22.99	/	/	20.21	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.63	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	20.03	/	/	<=30	Pass
		Outer_Full	22.76	/	/	19.98	/	/	<=30	Pass
		Inner_Full	22.81	/	/	20.03	/	/	<=30	Pass
		Inner_1RB_Left	22.71	/	/	19.93	/	/	<=30	Pass
		Inner_1RB_Right	22.83	/	/	20.05	/	/	<=30	Pass
CP-OFDM 256 QAM	3735	Edge_1RB_Left	19.63	/	/	16.85	/	/	<=30	Pass
		Edge_1RB_Right	19.89	/	/	17.11	/	/	<=30	Pass
		Outer_Full	19.81	/	/	17.03	/	/	<=30	Pass
		Inner_Full	19.75	/	/	16.97	/	/	<=30	Pass
		Inner_1RB_Left	19.63	/	/	16.85	/	/	<=30	Pass
		Inner_1RB_Right	19.89	/	/	17.11	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.82	/	/	17.04	/	/	<=30	Pass
		Edge_1RB_Right	19.91	/	/	17.13	/	/	<=30	Pass
		Outer_Full	19.86	/	/	17.08	/	/	<=30	Pass
		Inner_Full	19.79	/	/	17.01	/	/	<=30	Pass
		Inner_1RB_Left	19.84	/	/	17.06	/	/	<=30	Pass
		Inner_1RB_Right	19.93	/	/	17.15	/	/	<=30	Pass
	3765	Edge_1RB_Left	19.66	/	/	16.88	/	/	<=30	Pass

		Edge 1RB Right	19.80	/	/	17.02	/	/	<=30	Pass
		Outer Full	19.78	/	/	17.00	/	/	<=30	Pass
		Inner Full	19.79	/	/	17.01	/	/	<=30	Pass
		Inner 1RB Left	19.67	/	/	16.89	/	/	<=30	Pass
		Inner 1RB Right	19.83	/	/	17.05	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -2.78dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.10 30k_SISO_80MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3740.01	Edge 1RB Left	22.54	/	/	19.76	/	/	<=30	Pass
		Edge 1RB Right	22.84	/	/	20.06	/	/	<=30	Pass
		Outer Full	25.77	/	/	22.99	/	/	<=30	Pass
		Inner Full	26.27	/	/	23.49	/	/	<=30	Pass
		Inner 1RB Left	26.05	/	/	23.27	/	/	<=30	Pass
		Inner 1RB Right	26.21	/	/	23.43	/	/	<=30	Pass
	3750	Edge 1RB Left	22.65	/	/	19.87	/	/	<=30	Pass
		Edge 1RB Right	22.90	/	/	20.12	/	/	<=30	Pass
		Outer Full	25.80	/	/	23.02	/	/	<=30	Pass
		Inner Full	26.28	/	/	23.50	/	/	<=30	Pass
		Inner 1RB Left	26.16	/	/	23.38	/	/	<=30	Pass
		Inner 1RB Right	26.21	/	/	23.43	/	/	<=30	Pass
	3759.99	Edge 1RB Left	22.74	/	/	19.96	/	/	<=30	Pass
		Edge 1RB Right	22.75	/	/	19.97	/	/	<=30	Pass
		Outer Full	25.80	/	/	23.02	/	/	<=30	Pass
		Inner Full	26.35	/	/	23.57	/	/	<=30	Pass
		Inner 1RB Left	26.16	/	/	23.38	/	/	<=30	Pass
		Inner 1RB Right	26.28	/	/	23.50	/	/	<=30	Pass
DFT-s-OFDM QPSK	3740.01	Edge 1RB Left	22.51	/	/	19.73	/	/	<=30	Pass
		Edge 1RB Right	22.81	/	/	20.03	/	/	<=30	Pass
		Outer Full	25.28	/	/	22.50	/	/	<=30	Pass
		Inner Full	26.29	/	/	23.51	/	/	<=30	Pass
		Inner 1RB Left	25.86	/	/	23.08	/	/	<=30	Pass
		Inner 1RB Right	26.15	/	/	23.37	/	/	<=30	Pass
	3750	Edge 1RB Left	22.66	/	/	19.88	/	/	<=30	Pass
		Edge 1RB Right	22.84	/	/	20.06	/	/	<=30	Pass
		Outer Full	25.31	/	/	22.53	/	/	<=30	Pass
		Inner Full	26.29	/	/	23.51	/	/	<=30	Pass
		Inner 1RB Left	26.00	/	/	23.22	/	/	<=30	Pass
		Inner 1RB Right	26.24	/	/	23.46	/	/	<=30	Pass
	3759.99	Edge 1RB Left	22.68	/	/	19.90	/	/	<=30	Pass
		Edge 1RB Right	22.76	/	/	19.98	/	/	<=30	Pass
		Outer Full	25.30	/	/	22.52	/	/	<=30	Pass
		Inner Full	26.38	/	/	23.60	/	/	<=30	Pass
		Inner 1RB Left	26.07	/	/	23.29	/	/	<=30	Pass
		Inner 1RB Right	26.16	/	/	23.38	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3740.01	Edge 1RB Left	22.25	/	/	19.47	/	/	<=30	Pass
		Edge 1RB Right	22.69	/	/	19.91	/	/	<=30	Pass
		Outer Full	24.29	/	/	21.51	/	/	<=30	Pass
		Inner Full	25.33	/	/	22.55	/	/	<=30	Pass
		Inner 1RB Left	24.87	/	/	22.09	/	/	<=30	Pass
		Inner 1RB Right	24.96	/	/	22.18	/	/	<=30	Pass
	3750	Edge 1RB Left	22.53	/	/	19.75	/	/	<=30	Pass
		Edge 1RB Right	22.69	/	/	19.91	/	/	<=30	Pass
		Outer Full	24.35	/	/	21.57	/	/	<=30	Pass

		Inner_Full	25.32	/	/	22.54	/	/	<=30	Pass
		Inner_1RB_Left	24.92	/	/	22.14	/	/	<=30	Pass
		Inner_1RB_Right	25.20	/	/	22.42	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.58	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	19.85	/	/	<=30	Pass
		Outer_Full	24.36	/	/	21.58	/	/	<=30	Pass
		Inner_Full	25.41	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Left	25.07	/	/	22.29	/	/	<=30	Pass
		Inner_1RB_Right	25.01	/	/	22.23	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3740.01	Edge_1RB_Left	22.73	/	/	19.95	/	/	<=30	Pass
		Edge_1RB_Right	23.02	/	/	20.24	/	/	<=30	Pass
		Outer_Full	23.81	/	/	21.03	/	/	<=30	Pass
		Inner_Full	23.88	/	/	21.10	/	/	<=30	Pass
		Inner_1RB_Left	23.61	/	/	20.83	/	/	<=30	Pass
		Inner_1RB_Right	23.98	/	/	21.20	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.83	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	23.04	/	/	20.26	/	/	<=30	Pass
		Outer_Full	23.86	/	/	21.08	/	/	<=30	Pass
		Inner_Full	23.85	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Left	23.70	/	/	20.92	/	/	<=30	Pass
		Inner_1RB_Right	23.95	/	/	21.17	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.91	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	20.16	/	/	<=30	Pass
		Outer_Full	23.90	/	/	21.12	/	/	<=30	Pass
		Inner_Full	23.94	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Left	23.78	/	/	21.00	/	/	<=30	Pass
		Inner_1RB_Right	23.86	/	/	21.08	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3740.01	Edge_1RB_Left	21.59	/	/	18.81	/	/	<=30	Pass
		Edge_1RB_Right	21.84	/	/	19.06	/	/	<=30	Pass
		Outer_Full	21.84	/	/	19.06	/	/	<=30	Pass
		Inner_Full	21.89	/	/	19.11	/	/	<=30	Pass
		Inner_1RB_Left	21.60	/	/	18.82	/	/	<=30	Pass
		Inner_1RB_Right	21.83	/	/	19.05	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.69	/	/	18.91	/	/	<=30	Pass
		Edge_1RB_Right	21.85	/	/	19.07	/	/	<=30	Pass
		Outer_Full	21.88	/	/	19.10	/	/	<=30	Pass
		Inner_Full	21.86	/	/	19.08	/	/	<=30	Pass
		Inner_1RB_Left	21.74	/	/	18.96	/	/	<=30	Pass
		Inner_1RB_Right	21.90	/	/	19.12	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	21.79	/	/	19.01	/	/	<=30	Pass
		Edge_1RB_Right	21.83	/	/	19.05	/	/	<=30	Pass
		Outer_Full	21.89	/	/	19.11	/	/	<=30	Pass
		Inner_Full	21.92	/	/	19.14	/	/	<=30	Pass
		Inner_1RB_Left	21.77	/	/	18.99	/	/	<=30	Pass
		Inner_1RB_Right	21.81	/	/	19.03	/	/	<=30	Pass
CP-OFDM QPSK	3740.01	Edge_1RB_Left	22.47	/	/	19.69	/	/	<=30	Pass
		Edge_1RB_Right	22.89	/	/	20.11	/	/	<=30	Pass
		Outer_Full	23.29	/	/	20.51	/	/	<=30	Pass
		Inner_Full	24.77	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Left	24.42	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Right	24.89	/	/	22.11	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.62	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	22.84	/	/	20.06	/	/	<=30	Pass
		Outer_Full	23.29	/	/	20.51	/	/	<=30	Pass
		Inner_Full	24.74	/	/	21.96	/	/	<=30	Pass
		Inner_1RB_Left	24.74	/	/	21.96	/	/	<=30	Pass
		Inner_1RB_Right	24.91	/	/	22.13	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.58	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	19.97	/	/	<=30	Pass

		Outer_Full	23.32	/	/	20.54	/	/	<=30	Pass
		Inner_Full	24.86	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Left	24.50	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Right	24.77	/	/	21.99	/	/	<=30	Pass
CP-OFDM 16 QAM	3740.01	Edge_1RB_Left	22.19	/	/	19.41	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	19.69	/	/	<=30	Pass
		Outer_Full	23.28	/	/	20.50	/	/	<=30	Pass
		Inner_Full	24.28	/	/	21.50	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	20.81	/	/	<=30	Pass
		Inner_1RB_Right	24.04	/	/	21.26	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.36	/	/	19.58	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	19.75	/	/	<=30	Pass
		Outer_Full	23.32	/	/	20.54	/	/	<=30	Pass
		Inner_Full	24.30	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Left	23.80	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Right	23.90	/	/	21.12	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.44	/	/	19.66	/	/	<=30	Pass
		Edge_1RB_Right	22.50	/	/	19.72	/	/	<=30	Pass
		Outer_Full	23.33	/	/	20.55	/	/	<=30	Pass
		Inner_Full	24.34	/	/	21.56	/	/	<=30	Pass
Inner_1RB_Left		23.78	/	/	21.00	/	/	<=30	Pass	
Inner_1RB_Right		23.79	/	/	21.01	/	/	<=30	Pass	
CP-OFDM 64 QAM	3740.01	Edge_1RB_Left	22.60	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	20.15	/	/	<=30	Pass
		Outer_Full	22.76	/	/	19.98	/	/	<=30	Pass
		Inner_Full	22.79	/	/	20.01	/	/	<=30	Pass
		Inner_1RB_Left	22.65	/	/	19.87	/	/	<=30	Pass
		Inner_1RB_Right	22.97	/	/	20.19	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.77	/	/	19.99	/	/	<=30	Pass
		Edge_1RB_Right	22.98	/	/	20.20	/	/	<=30	Pass
		Outer_Full	22.81	/	/	20.03	/	/	<=30	Pass
		Inner_Full	22.82	/	/	20.04	/	/	<=30	Pass
		Inner_1RB_Left	22.77	/	/	19.99	/	/	<=30	Pass
		Inner_1RB_Right	22.95	/	/	20.17	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	10.55	/	/	7.77	/	/	<=30	Pass
		Edge_1RB_Right	10.36	/	/	7.58	/	/	<=30	Pass
		Outer_Full	22.84	/	/	20.06	/	/	<=30	Pass
		Inner_Full	10.48	/	/	7.70	/	/	<=30	Pass
Inner_1RB_Left		10.40	/	/	7.62	/	/	<=30	Pass	
Inner_1RB_Right		10.42	/	/	7.64	/	/	<=30	Pass	
CP-OFDM 256 QAM	3740.01	Edge_1RB_Left	19.64	/	/	16.86	/	/	<=30	Pass
		Edge_1RB_Right	19.91	/	/	17.13	/	/	<=30	Pass
		Outer_Full	19.81	/	/	17.03	/	/	<=30	Pass
		Inner_Full	19.85	/	/	17.07	/	/	<=30	Pass
		Inner_1RB_Left	19.69	/	/	16.91	/	/	<=30	Pass
		Inner_1RB_Right	19.95	/	/	17.17	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.81	/	/	17.03	/	/	<=30	Pass
		Edge_1RB_Right	19.96	/	/	17.18	/	/	<=30	Pass
		Outer_Full	19.87	/	/	17.09	/	/	<=30	Pass
		Inner_Full	19.82	/	/	17.04	/	/	<=30	Pass
		Inner_1RB_Left	19.79	/	/	17.01	/	/	<=30	Pass
		Inner_1RB_Right	19.96	/	/	17.18	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	19.86	/	/	17.08	/	/	<=30	Pass
		Edge_1RB_Right	19.87	/	/	17.09	/	/	<=30	Pass
		Outer_Full	19.88	/	/	17.10	/	/	<=30	Pass
		Inner_Full	19.87	/	/	17.09	/	/	<=30	Pass
Inner_1RB_Left		19.88	/	/	17.10	/	/	<=30	Pass	
Inner_1RB_Right		19.92	/	/	17.14	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: -2.78dBi:										

Note2: EIRP=Conducted Power+Antenna Gain

1.1.11 30k_SISO_90MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3745.02	Edge_1RB_Left	22.45	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	20.05	/	/	<=30	Pass
		Outer_Full	25.74	/	/	22.96	/	/	<=30	Pass
		Inner_Full	26.25	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Left	25.96	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Right	26.34	/	/	23.56	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.53	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	19.98	/	/	<=30	Pass
		Outer_Full	25.79	/	/	23.01	/	/	<=30	Pass
		Inner_Full	26.31	/	/	23.53	/	/	<=30	Pass
		Inner_1RB_Left	26.10	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Right	26.15	/	/	23.37	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	22.62	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	19.96	/	/	<=30	Pass
		Outer_Full	25.82	/	/	23.04	/	/	<=30	Pass
		Inner_Full	26.44	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Left	26.11	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Right	26.22	/	/	23.44	/	/	<=30	Pass
DFT-s-OFDM QPSK	3745.02	Edge_1RB_Left	22.47	/	/	19.69	/	/	<=30	Pass
		Edge_1RB_Right	22.78	/	/	20.00	/	/	<=30	Pass
		Outer_Full	25.24	/	/	22.46	/	/	<=30	Pass
		Inner_Full	26.26	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Left	25.80	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Right	26.19	/	/	23.41	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.51	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	19.97	/	/	<=30	Pass
		Outer_Full	25.31	/	/	22.53	/	/	<=30	Pass
		Inner_Full	26.32	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Left	25.96	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Right	26.14	/	/	23.36	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	22.60	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	19.90	/	/	<=30	Pass
		Outer_Full	25.33	/	/	22.55	/	/	<=30	Pass
		Inner_Full	26.45	/	/	23.67	/	/	<=30	Pass
		Inner_1RB_Left	26.03	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Right	26.15	/	/	23.37	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3745.02	Edge_1RB_Left	22.33	/	/	19.55	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	19.79	/	/	<=30	Pass
		Outer_Full	24.31	/	/	21.53	/	/	<=30	Pass
		Inner_Full	25.29	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Left	24.66	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Right	25.10	/	/	22.32	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.40	/	/	19.62	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	19.84	/	/	<=30	Pass
		Outer_Full	24.34	/	/	21.56	/	/	<=30	Pass
		Inner_Full	25.33	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Left	24.84	/	/	22.06	/	/	<=30	Pass
		Inner_1RB_Right	25.04	/	/	22.26	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	22.45	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	19.70	/	/	<=30	Pass

		Outer_Full	24.37	/	/	21.59	/	/	<=30	Pass
		Inner_Full	25.48	/	/	22.70	/	/	<=30	Pass
		Inner_1RB_Left	24.98	/	/	22.20	/	/	<=30	Pass
		Inner_1RB_Right	25.09	/	/	22.31	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3745.02	Edge_1RB_Left	22.64	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	23.01	/	/	20.23	/	/	<=30	Pass
		Outer_Full	23.79	/	/	21.01	/	/	<=30	Pass
		Inner_Full	23.81	/	/	21.03	/	/	<=30	Pass
		Inner_1RB_Left	23.54	/	/	20.76	/	/	<=30	Pass
		Inner_1RB_Right	23.94	/	/	21.16	/	/	<=30	Pass
		Edge_1RB_Left	22.70	/	/	19.92	/	/	<=30	Pass
		Edge_1RB_Right	22.99	/	/	20.21	/	/	<=30	Pass
	3750	Outer_Full	23.86	/	/	21.08	/	/	<=30	Pass
		Inner_Full	23.88	/	/	21.10	/	/	<=30	Pass
		Inner_1RB_Left	23.72	/	/	20.94	/	/	<=30	Pass
		Inner_1RB_Right	23.89	/	/	21.11	/	/	<=30	Pass
		Edge_1RB_Left	22.83	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	22.89	/	/	20.11	/	/	<=30	Pass
	3754.98	Outer_Full	23.89	/	/	21.11	/	/	<=30	Pass
		Inner_Full	23.98	/	/	21.20	/	/	<=30	Pass
		Inner_1RB_Left	23.82	/	/	21.04	/	/	<=30	Pass
		Inner_1RB_Right	23.82	/	/	21.04	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3745.02	Edge_1RB_Left	21.53	/	/	18.75	/	/	<=30	Pass
		Edge_1RB_Right	21.82	/	/	19.04	/	/	<=30	Pass
		Outer_Full	21.87	/	/	19.09	/	/	<=30	Pass
		Inner_Full	21.81	/	/	19.03	/	/	<=30	Pass
		Inner_1RB_Left	21.52	/	/	18.74	/	/	<=30	Pass
		Inner_1RB_Right	21.82	/	/	19.04	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.60	/	/	18.82	/	/	<=30	Pass
		Edge_1RB_Right	21.79	/	/	19.01	/	/	<=30	Pass
		Outer_Full	21.86	/	/	19.08	/	/	<=30	Pass
		Inner_Full	21.87	/	/	19.09	/	/	<=30	Pass
		Inner_1RB_Left	21.60	/	/	18.82	/	/	<=30	Pass
		Inner_1RB_Right	21.80	/	/	19.02	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	21.66	/	/	18.88	/	/	<=30	Pass
		Edge_1RB_Right	21.75	/	/	18.97	/	/	<=30	Pass
		Outer_Full	21.93	/	/	19.15	/	/	<=30	Pass
		Inner_Full	21.94	/	/	19.16	/	/	<=30	Pass
		Inner_1RB_Left	21.70	/	/	18.92	/	/	<=30	Pass
		Inner_1RB_Right	21.75	/	/	18.97	/	/	<=30	Pass
CP-OFDM QPSK	3745.02	Edge_1RB_Left	22.50	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	22.80	/	/	20.02	/	/	<=30	Pass
		Outer_Full	23.27	/	/	20.49	/	/	<=30	Pass
		Inner_Full	24.73	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Left	24.34	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Right	24.89	/	/	22.11	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.42	/	/	19.64	/	/	<=30	Pass
		Edge_1RB_Right	22.84	/	/	20.06	/	/	<=30	Pass
		Outer_Full	23.29	/	/	20.51	/	/	<=30	Pass
		Inner_Full	24.80	/	/	22.02	/	/	<=30	Pass
		Inner_1RB_Left	24.68	/	/	21.90	/	/	<=30	Pass
		Inner_1RB_Right	24.83	/	/	22.05	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	22.72	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	19.97	/	/	<=30	Pass
		Outer_Full	23.34	/	/	20.56	/	/	<=30	Pass
		Inner_Full	24.90	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Left	24.60	/	/	21.82	/	/	<=30	Pass
		Inner_1RB_Right	24.83	/	/	22.05	/	/	<=30	Pass
CP-OFDM 16 QAM	3745.02	Edge_1RB_Left	22.24	/	/	19.46	/	/	<=30	Pass

		Edge_1RB_Right	22.48	/	/	19.70	/	/	<=30	Pass		
		Outer_Full	23.22	/	/	20.44	/	/	<=30	Pass		
		Inner_Full	24.22	/	/	21.44	/	/	<=30	Pass		
		Inner_1RB_Left	23.64	/	/	20.86	/	/	<=30	Pass		
		Inner_1RB_Right	24.08	/	/	21.30	/	/	<=30	Pass		
	3750	Edge_1RB_Left	22.19	/	/	19.41	/	/	<=30	Pass		
		Edge_1RB_Right	22.52	/	/	19.74	/	/	<=30	Pass		
		Outer_Full	23.28	/	/	20.50	/	/	<=30	Pass		
		Inner_Full	24.28	/	/	21.50	/	/	<=30	Pass		
		Inner_1RB_Left	23.76	/	/	20.98	/	/	<=30	Pass		
	3754.98	Inner_1RB_Right	23.97	/	/	21.19	/	/	<=30	Pass		
		Edge_1RB_Left	22.35	/	/	19.57	/	/	<=30	Pass		
		Edge_1RB_Right	22.48	/	/	19.70	/	/	<=30	Pass		
		Outer_Full	23.33	/	/	20.55	/	/	<=30	Pass		
		Inner_Full	24.40	/	/	21.62	/	/	<=30	Pass		
CP-OFDM 64 QAM	3745.02	Inner_1RB_Left	23.78	/	/	21.00	/	/	<=30	Pass		
		Inner_1RB_Right	23.87	/	/	21.09	/	/	<=30	Pass		
		Edge_1RB_Left	22.62	/	/	19.84	/	/	<=30	Pass		
		Edge_1RB_Right	22.97	/	/	20.19	/	/	<=30	Pass		
		Outer_Full	22.76	/	/	19.98	/	/	<=30	Pass		
	3750	Inner_Full	22.74	/	/	19.96	/	/	<=30	Pass		
		Inner_1RB_Left	22.66	/	/	19.88	/	/	<=30	Pass		
		Inner_1RB_Right	22.96	/	/	20.18	/	/	<=30	Pass		
		Edge_1RB_Left	22.64	/	/	19.86	/	/	<=30	Pass		
		Edge_1RB_Right	22.93	/	/	20.15	/	/	<=30	Pass		
	3754.98	Outer_Full	22.81	/	/	20.03	/	/	<=30	Pass		
		Inner_Full	22.79	/	/	20.01	/	/	<=30	Pass		
		Inner_1RB_Left	22.78	/	/	20.00	/	/	<=30	Pass		
		Inner_1RB_Right	22.94	/	/	20.16	/	/	<=30	Pass		
		Edge_1RB_Left	22.75	/	/	19.97	/	/	<=30	Pass		
CP-OFDM 256 QAM	3745.02	Edge_1RB_Right	22.92	/	/	20.14	/	/	<=30	Pass		
		Outer_Full	22.87	/	/	20.09	/	/	<=30	Pass		
		Inner_Full	22.92	/	/	20.14	/	/	<=30	Pass		
		Inner_1RB_Left	22.77	/	/	19.99	/	/	<=30	Pass		
		Inner_1RB_Right	22.85	/	/	20.07	/	/	<=30	Pass		
	3750	Edge_1RB_Left	19.61	/	/	16.83	/	/	<=30	Pass		
		Edge_1RB_Right	19.91	/	/	17.13	/	/	<=30	Pass		
		Outer_Full	19.81	/	/	17.03	/	/	<=30	Pass		
		Inner_Full	19.78	/	/	17.00	/	/	<=30	Pass		
		Inner_1RB_Left	19.63	/	/	16.85	/	/	<=30	Pass		
	3754.98	Inner_1RB_Right	19.95	/	/	17.17	/	/	<=30	Pass		
		Edge_1RB_Left	19.73	/	/	16.95	/	/	<=30	Pass		
		Edge_1RB_Right	19.93	/	/	17.15	/	/	<=30	Pass		
		Outer_Full	19.84	/	/	17.06	/	/	<=30	Pass		
		Inner_Full	19.83	/	/	17.05	/	/	<=30	Pass		
	3750	Inner_1RB_Left	19.78	/	/	17.00	/	/	<=30	Pass		
		Inner_1RB_Right	19.95	/	/	17.17	/	/	<=30	Pass		
		Edge_1RB_Left	19.75	/	/	16.97	/	/	<=30	Pass		
		Edge_1RB_Right	19.88	/	/	17.10	/	/	<=30	Pass		
		Outer_Full	19.87	/	/	17.09	/	/	<=30	Pass		
	3754.98	Inner_Full	19.92	/	/	17.14	/	/	<=30	Pass		
		Inner_1RB_Left	19.78	/	/	17.00	/	/	<=30	Pass		
		Inner_1RB_Right	19.88	/	/	17.10	/	/	<=30	Pass		
		Note1: Antenna Gain: Ant1: -2.78dBi;										
		Note2: EIRP=Conducted Power+Antenna Gain										

1.1.12 30k_SISO_100MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 100MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Edge_1RB_Left	22.49	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	19.96	/	/	<=30	Pass
		Outer_Full	25.82	/	/	23.04	/	/	<=30	Pass
		Inner_Full	26.30	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Left	25.84	/	/	23.06	/	/	<=30	Pass
		Inner_1RB_Right	26.12	/	/	23.34	/	/	<=30	Pass
DFT-s-OFDM QPSK	3750	Edge_1RB_Left	22.43	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	19.93	/	/	<=30	Pass
		Outer_Full	25.27	/	/	22.49	/	/	<=30	Pass
		Inner_Full	26.26	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Left	25.83	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Right	26.06	/	/	23.28	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Edge_1RB_Left	22.32	/	/	19.54	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	19.69	/	/	<=30	Pass
		Outer_Full	24.31	/	/	21.53	/	/	<=30	Pass
		Inner_Full	25.29	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Left	24.70	/	/	21.92	/	/	<=30	Pass
		Inner_1RB_Right	24.95	/	/	22.17	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Edge_1RB_Left	22.60	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	20.03	/	/	<=30	Pass
		Outer_Full	23.83	/	/	21.05	/	/	<=30	Pass
		Inner_Full	23.83	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Left	23.58	/	/	20.80	/	/	<=30	Pass
		Inner_1RB_Right	23.83	/	/	21.05	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Edge_1RB_Left	21.50	/	/	18.72	/	/	<=30	Pass
		Edge_1RB_Right	21.72	/	/	18.94	/	/	<=30	Pass
		Outer_Full	21.84	/	/	19.06	/	/	<=30	Pass
		Inner_Full	21.84	/	/	19.06	/	/	<=30	Pass
		Inner_1RB_Left	21.51	/	/	18.73	/	/	<=30	Pass
		Inner_1RB_Right	21.73	/	/	18.95	/	/	<=30	Pass
CP-OFDM QPSK	3750	Edge_1RB_Left	22.55	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	22.78	/	/	20.00	/	/	<=30	Pass
		Outer_Full	23.28	/	/	20.50	/	/	<=30	Pass
		Inner_Full	24.73	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Left	24.61	/	/	21.83	/	/	<=30	Pass
		Inner_1RB_Right	24.68	/	/	21.90	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Edge_1RB_Left	22.10	/	/	19.32	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	19.63	/	/	<=30	Pass
		Outer_Full	23.27	/	/	20.49	/	/	<=30	Pass
		Inner_Full	24.30	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Left	23.58	/	/	20.80	/	/	<=30	Pass
		Inner_1RB_Right	23.86	/	/	21.08	/	/	<=30	Pass
CP-OFDM 64 QAM	3750	Edge_1RB_Left	22.52	/	/	19.74	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	20.03	/	/	<=30	Pass
		Outer_Full	22.80	/	/	20.02	/	/	<=30	Pass
		Inner_Full	22.81	/	/	20.03	/	/	<=30	Pass
		Inner_1RB_Left	22.57	/	/	19.79	/	/	<=30	Pass
		Inner_1RB_Right	22.81	/	/	20.03	/	/	<=30	Pass
CP-OFDM 256 QAM	3750	Edge_1RB_Left	19.63	/	/	16.85	/	/	<=30	Pass
		Edge_1RB_Right	19.83	/	/	17.05	/	/	<=30	Pass
		Outer_Full	19.81	/	/	17.03	/	/	<=30	Pass
		Inner_Full	19.84	/	/	17.06	/	/	<=30	Pass
		Inner_1RB_Left	19.64	/	/	16.86	/	/	<=30	Pass
		Inner_1RB_Right	19.86	/	/	17.08	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -2.78dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30k_SISO_100MHz

5G NR n78a SCS=30kHz SISO 100MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	-12.70	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-10.60	-0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	-9.00	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-16.50	-0.0044	>=-2.5 & <=2.5	Pass
			-10	NV	-12.40	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-9.30	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-12.80	-0.0034	>=-2.5 & <=2.5	Pass
			20	NV	-8.90	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-11.00	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-8.30	-0.0022	>=-2.5 & <=2.5	Pass
			50	NV	-10.10	-0.0027	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30k_SISO_10MHz_NTNV

5G NR n78a SCS=30kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	8.64	9.31	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	8.59	9.45	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	8.63	9.57	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	8.68	9.44	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	8.70	9.35	/	Pass
CP-OFDM QPSK	3750	Outer_Full	8.66	9.36	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	8.63	9.52	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	8.63	9.24	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	8.71	9.33	/	Pass

3.1.2 30k_SISO_15MHz_NTNV

5G NR n78a SCS=30kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	13.14	14.06	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	13.05	14.16	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	13.13	13.97	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	13.13	14.05	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	12.97	13.96	/	Pass
CP-OFDM QPSK	3750	Outer_Full	13.72	14.72	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	13.67	14.70	/	Pass

CP-OFDM 64 QAM	3750	Outer_Full	13.78	14.75	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	13.78	14.65	/	Pass

3.1.3 30k_SISO_20MHz_NTNV

5G NR n78a SCS=30kHz SISO 20MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	18.13	19.36	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	18.09	19.30	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	18.12	19.33	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	18.04	19.29	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	18.06	19.31	/	Pass
CP-OFDM QPSK	3750	Outer_Full	18.45	19.63	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	18.37	19.59	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	18.36	19.62	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	18.41	19.68	/	Pass

3.1.4 30k_SISO_25MHz_NTNV

5G NR n78a SCS=30kHz SISO 25MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	23.08	24.68	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	24.61	29.00	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	23.10	24.73	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	23.16	24.71	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	23.05	24.66	/	Pass
CP-OFDM QPSK	3750	Outer_Full	23.47	25.01	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	23.41	25.01	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	23.37	25.04	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	23.39	24.89	/	Pass

3.1.5 30k_SISO_30MHz_NTNV

5G NR n78a SCS=30kHz SISO 30MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	27.91	32.63	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	27.70	31.61	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	27.51	31.00	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	27.44	32.16	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	27.16	30.41	/	Pass
CP-OFDM QPSK	3750	Outer_Full	28.42	33.47	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	28.45	32.36	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	28.46	33.66	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	28.17	30.16	/	Pass

3.1.6 30k_SISO_40MHz_NTNV

5G NR n78a SCS=30kHz SISO 40MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict

DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	36.08	38.72	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	36.19	38.57	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	36.10	38.37	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	35.86	38.54	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	36.05	38.47	/	Pass
CP-OFDM QPSK	3750	Outer_Full	38.03	40.37	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	38.38	40.53	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	38.08	40.71	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	37.97	40.46	/	Pass

3.1.7 30k_SISO_50MHz_NTNV

5G NR n78a SCS=30kHz SISO 50MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	46.45	51.17	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	46.12	49.27	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	46.05	49.44	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	45.86	49.30	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	46.34	48.88	/	Pass
CP-OFDM QPSK	3750	Outer_Full	47.76	50.73	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	47.76	50.77	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	47.70	51.19	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	47.90	50.73	/	Pass

3.1.8 30k_SISO_60MHz_NTNV

5G NR n78a SCS=30kHz SISO 60MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	58.41	61.82	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	58.42	61.84	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	58.27	62.15	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	58.35	62.04	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	57.92	62.01	/	Pass
CP-OFDM QPSK	3750	Outer_Full	58.10	62.30	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	58.13	62.21	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	58.21	62.03	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	58.16	61.82	/	Pass

3.1.9 30k_SISO_70MHz_NTNV

5G NR n78a SCS=30kHz SISO 70MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	64.64	69.81	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	65.09	69.82	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	65.06	69.38	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	64.82	69.29	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	64.74	69.44	/	Pass
CP-OFDM QPSK	3750	Outer_Full	68.04	72.81	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	68.24	73.05	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	68.12	72.41	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	68.27	72.50	/	Pass

3.1.10 30k_SISO_80MHz_NTNV

5G NR n78a SCS=30kHz SISO 80MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	77.88	82.94	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	77.75	83.00	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	77.71	82.51	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	77.88	82.69	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	78.08	82.50	/	Pass
CP-OFDM QPSK	3750	Outer_Full	77.97	83.29	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	77.95	82.85	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	78.28	83.15	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	78.04	83.13	/	Pass

3.1.11 30k_SISO_90MHz_NTNV

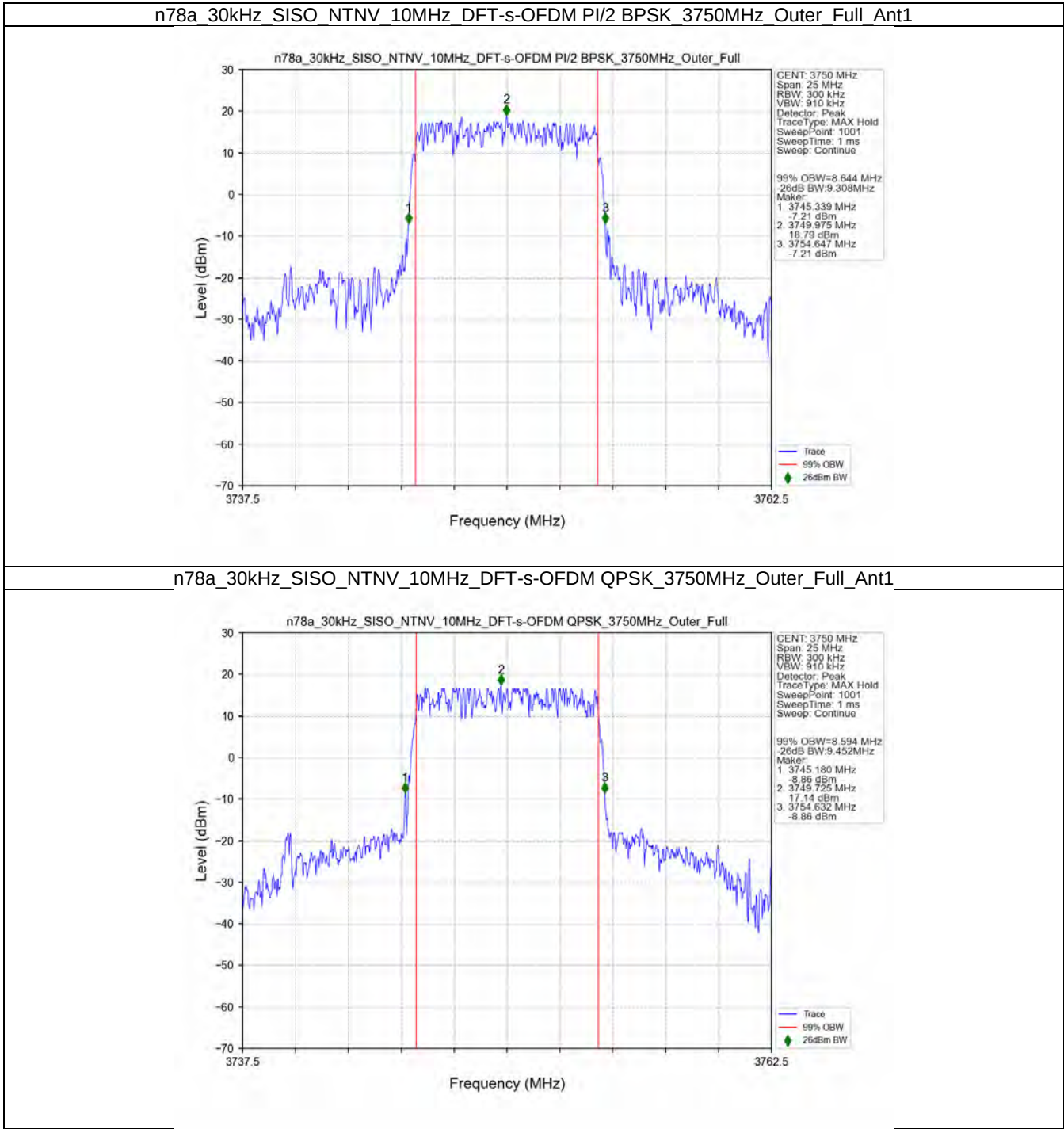
5G NR n78a SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	87.50	93.17	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	87.49	93.42	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	87.54	92.96	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	87.49	92.83	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	87.49	92.95	/	Pass
CP-OFDM QPSK	3750	Outer_Full	87.99	93.51	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	88.16	93.38	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	87.93	93.75	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	88.36	93.74	/	Pass

3.1.12 30k_SISO_100MHz_NTNV

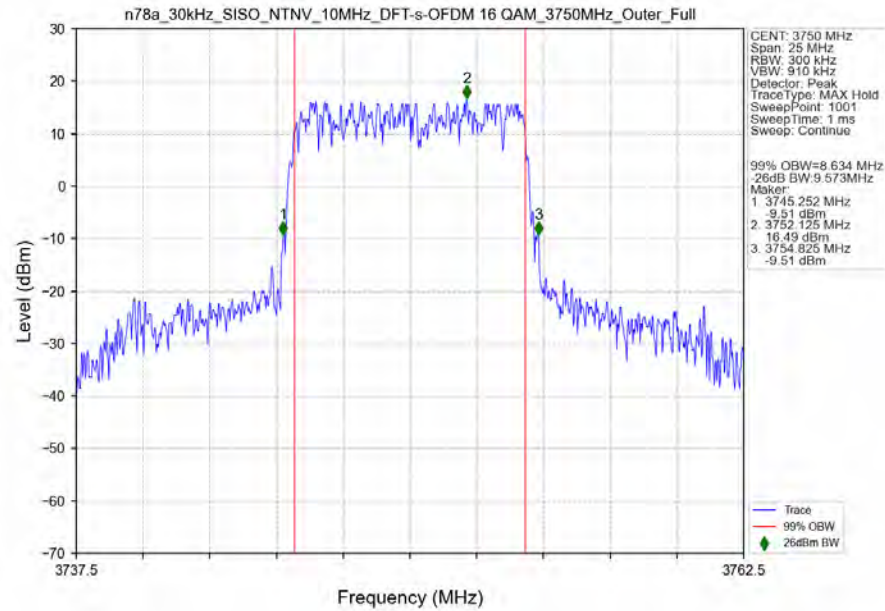
5G NR n78a SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	96.94	103.61	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	97.10	103.81	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	97.16	103.09	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	97.30	103.32	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	96.88	102.94	/	Pass
CP-OFDM QPSK	3750	Outer_Full	98.50	104.20	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	98.25	104.43	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	98.50	104.60	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	98.21	104.38	/	Pass

3.2 Test Graph

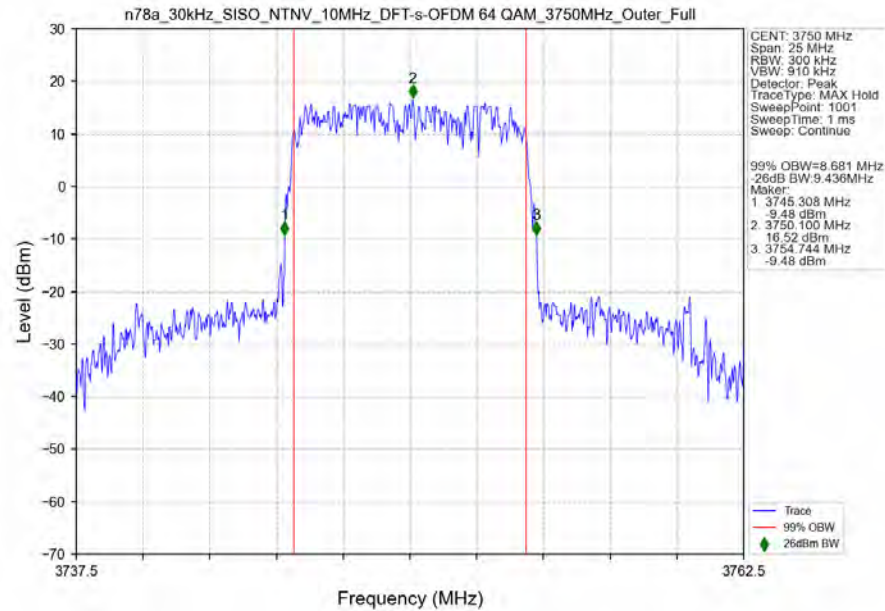
3.2.1 30k_SISO_10MHz_NTNV



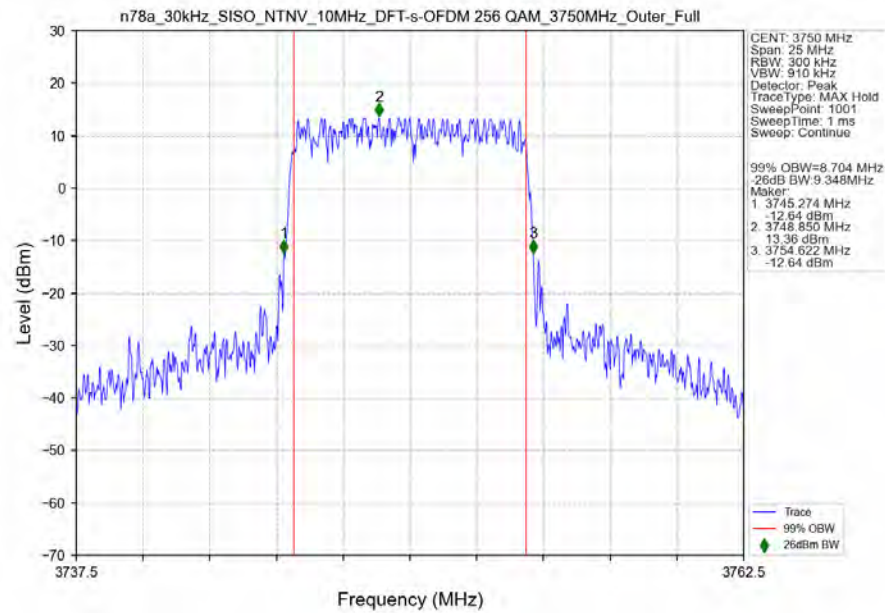
n78a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_3750MHz_Outer_Full_Ant1



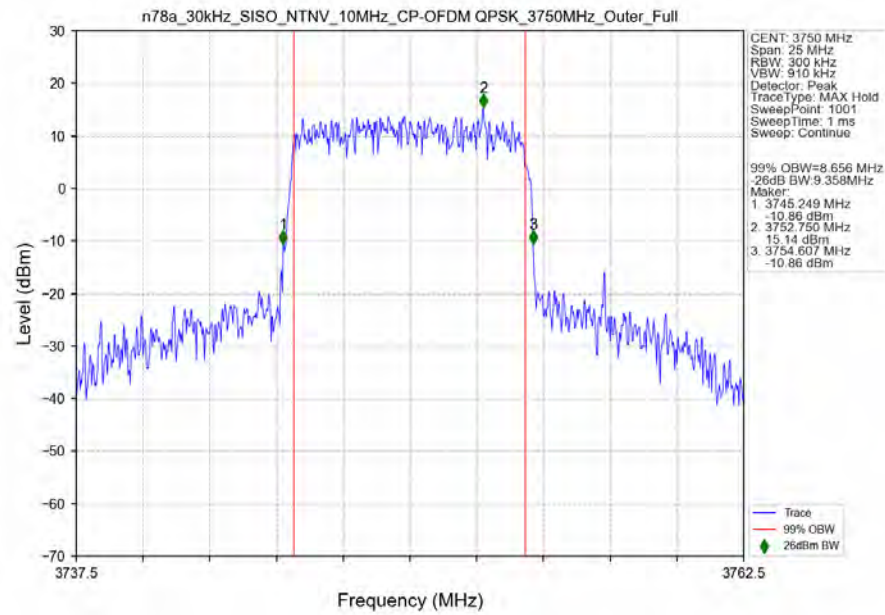
n78a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_3750MHz_Outer_Full_Ant1



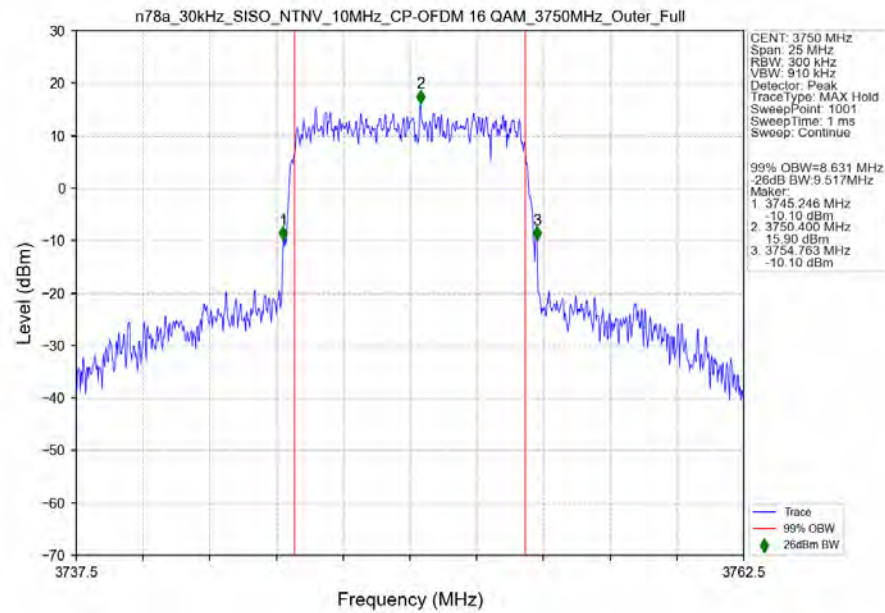
n78a 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full Ant1



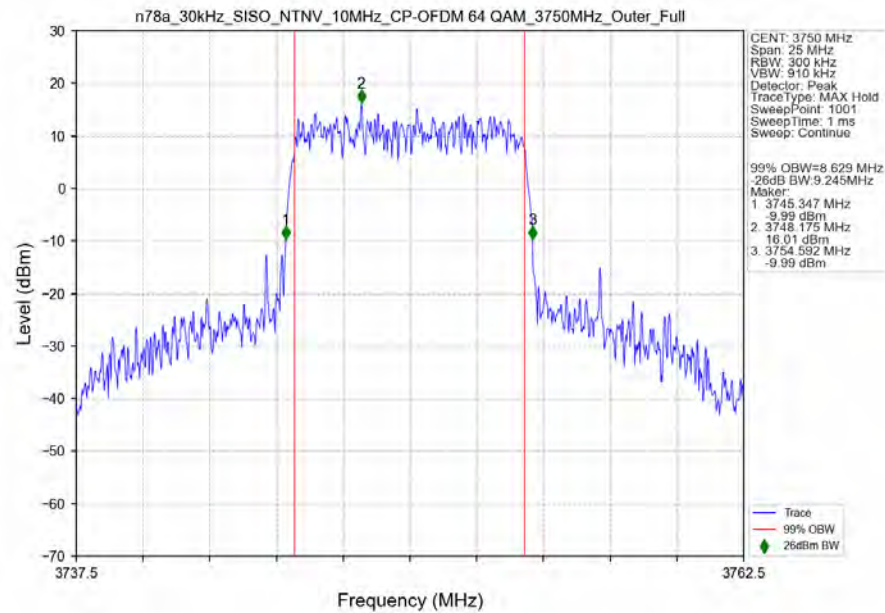
n78a 30kHz SISO NTN 10MHz CP-OFDM QPSK 3750MHz Outer Full Ant1



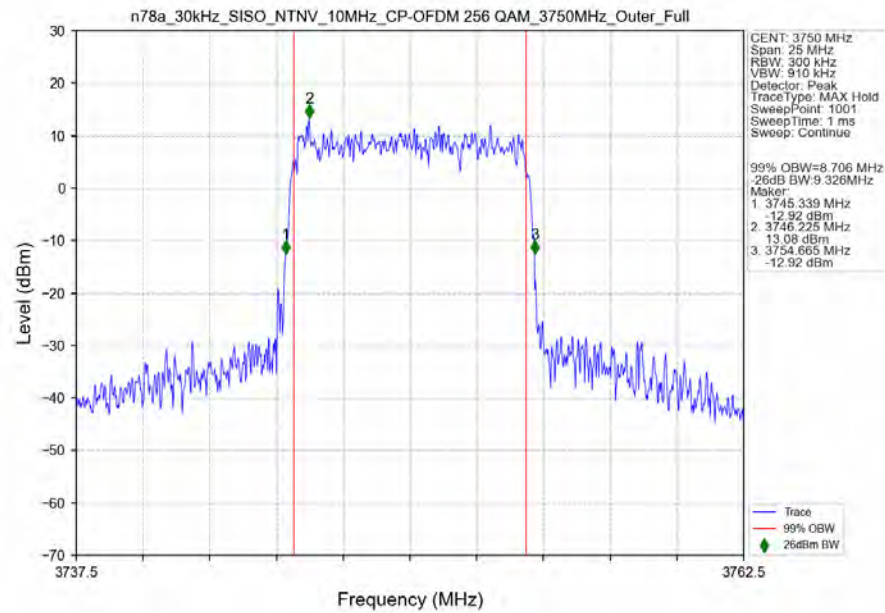
n78a 30kHz SISO NTN 10MHz CP-OFDM 16 QAM 3750MHz Outer Full Ant1



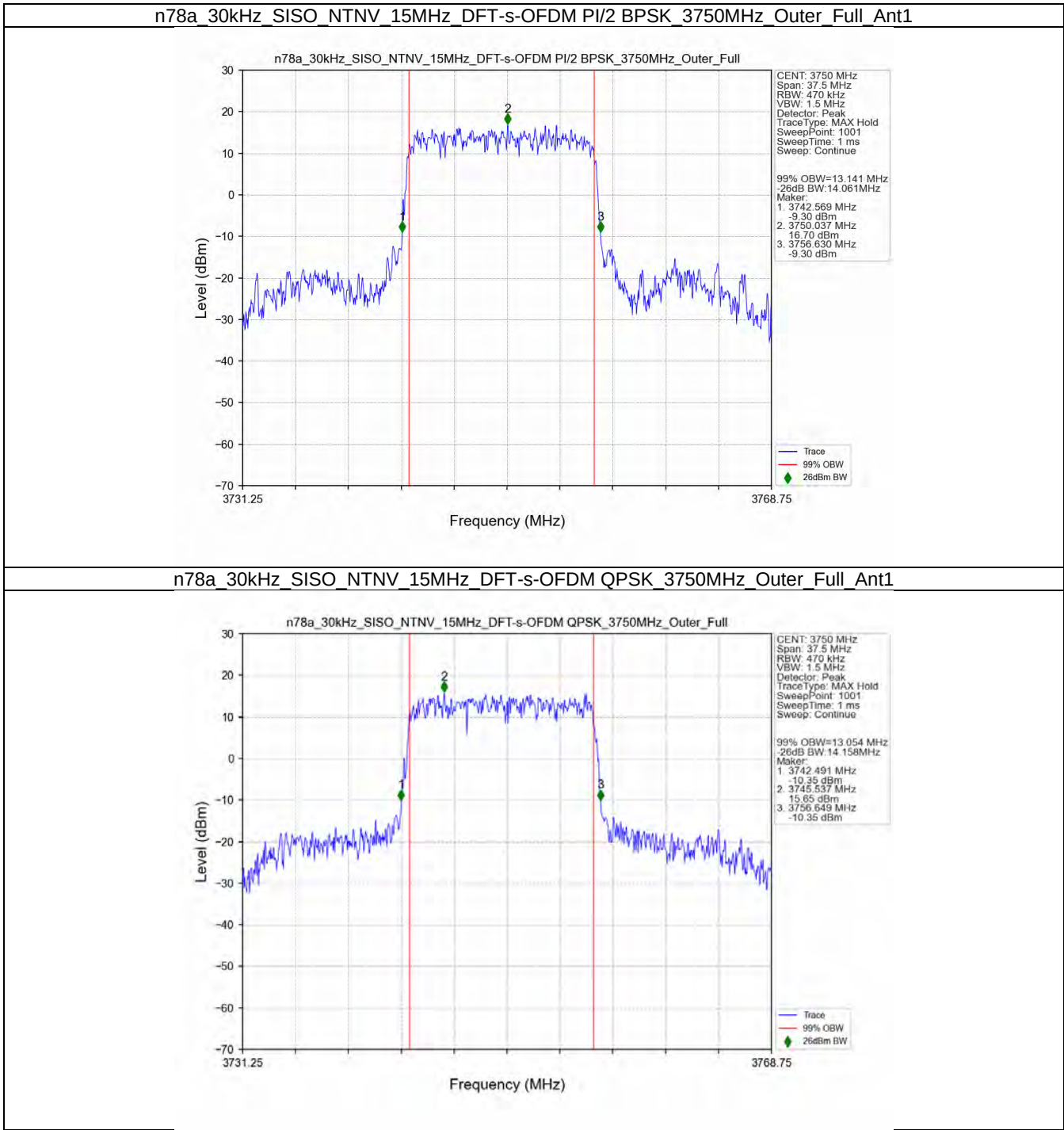
n78a 30kHz SISO NTN 10MHz CP-OFDM 64 QAM 3750MHz Outer Full Ant1



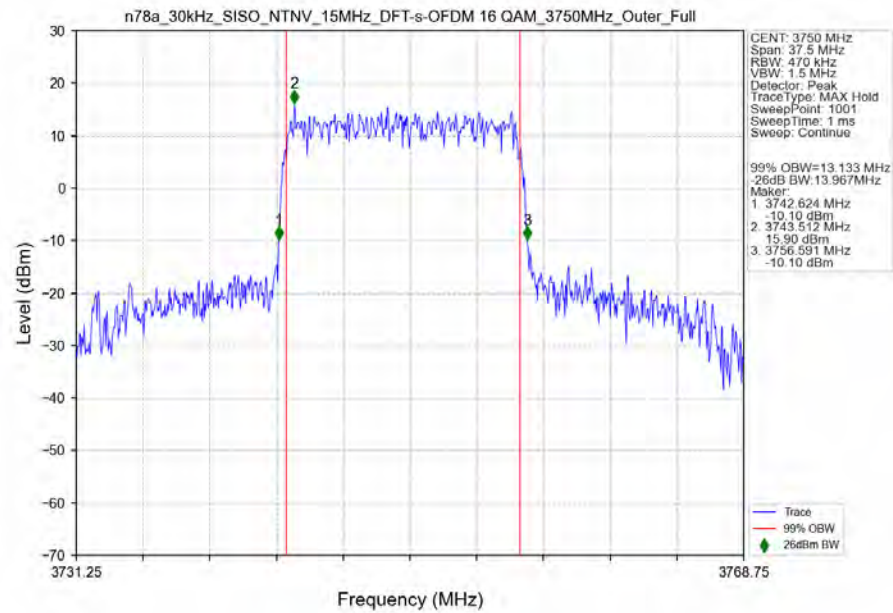
n78a_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant1



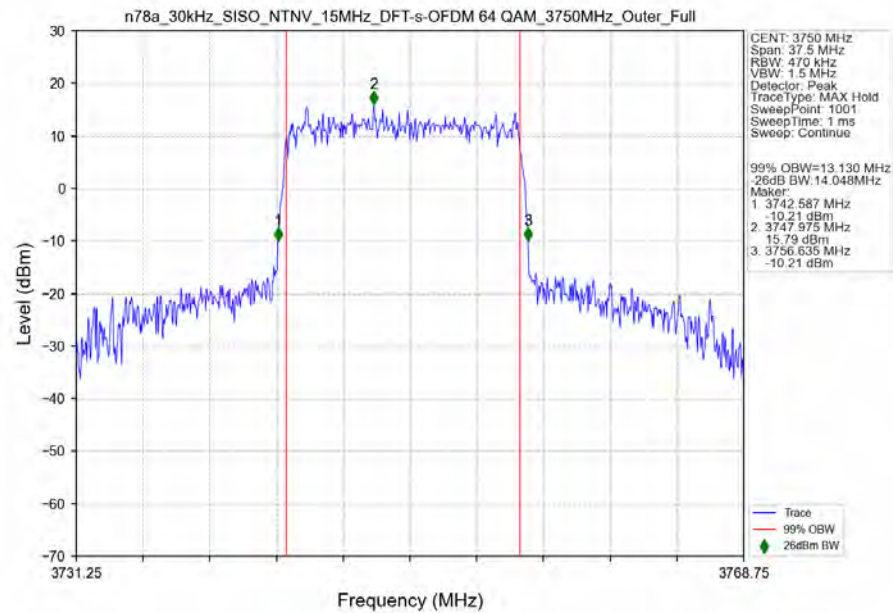
3.2.2 30k_SISO_15MHz_NTNV



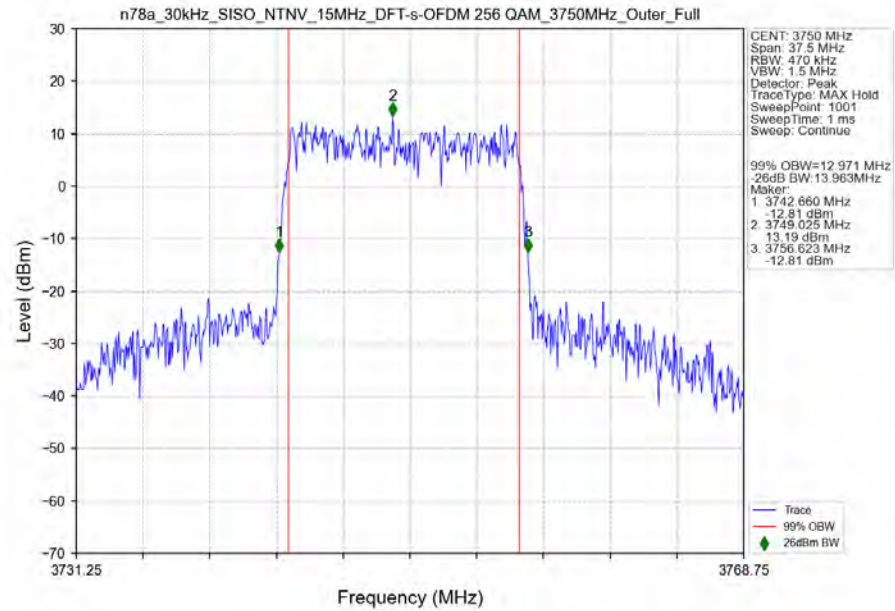
n78a 30kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 3750MHz Outer Full Ant1



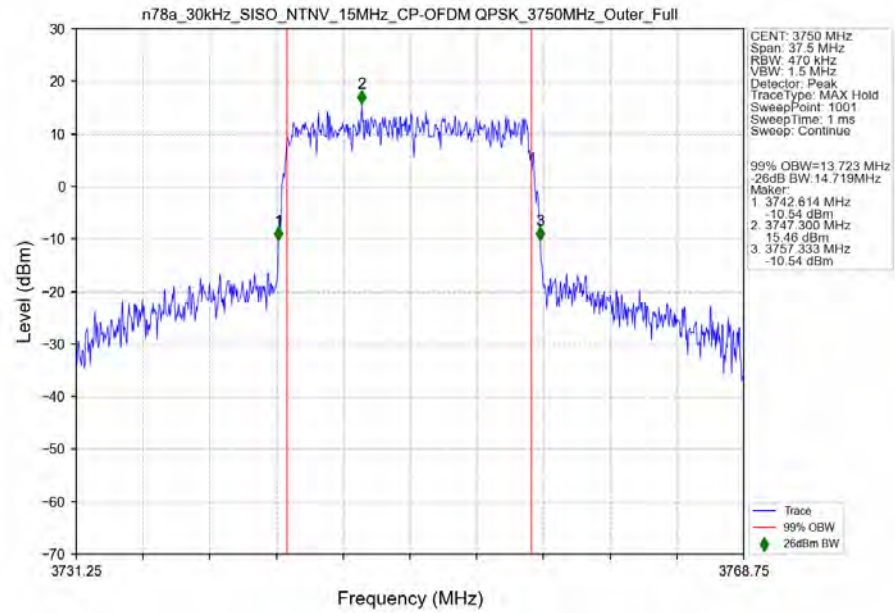
n78a 30kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 3750MHz Outer Full Ant1



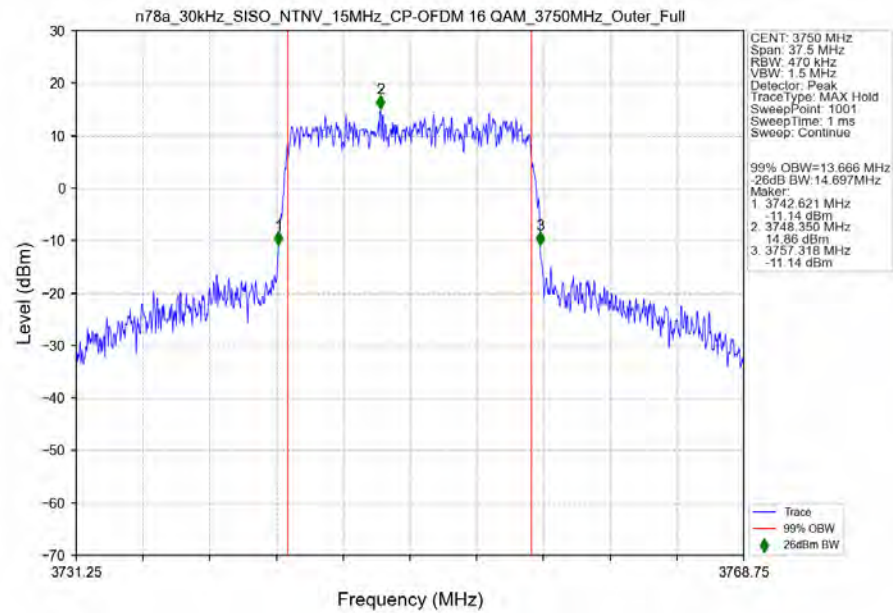
n78a 30kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full Ant1



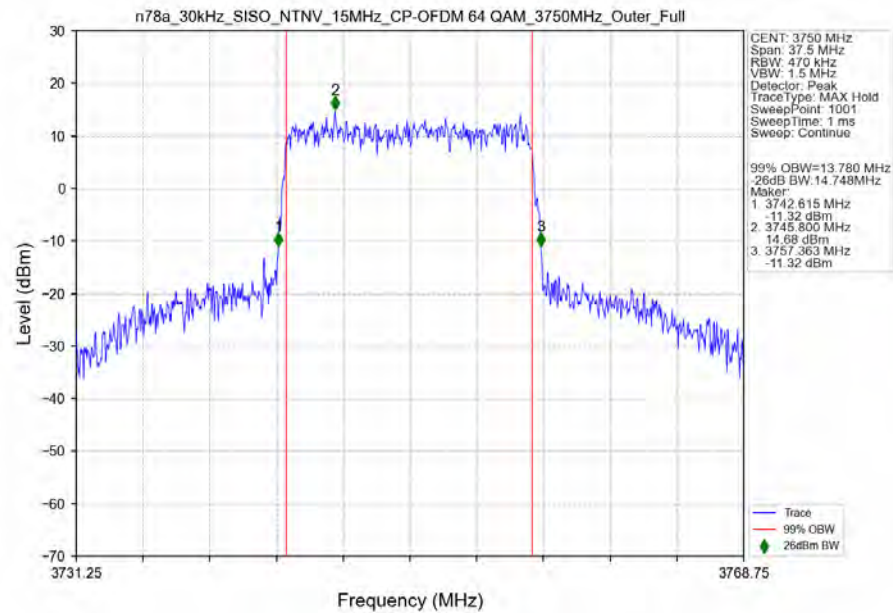
n78a 30kHz SISO NTN 15MHz CP-OFDM QPSK 3750MHz Outer Full Ant1



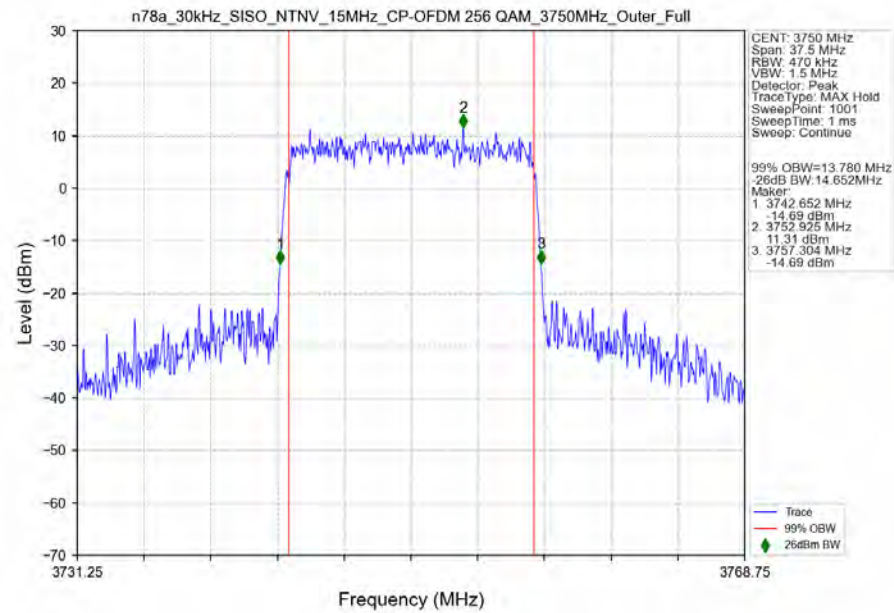
n78a 30kHz SISO NTN 15MHz CP-OFDM 16 QAM 3750MHz Outer Full Ant1



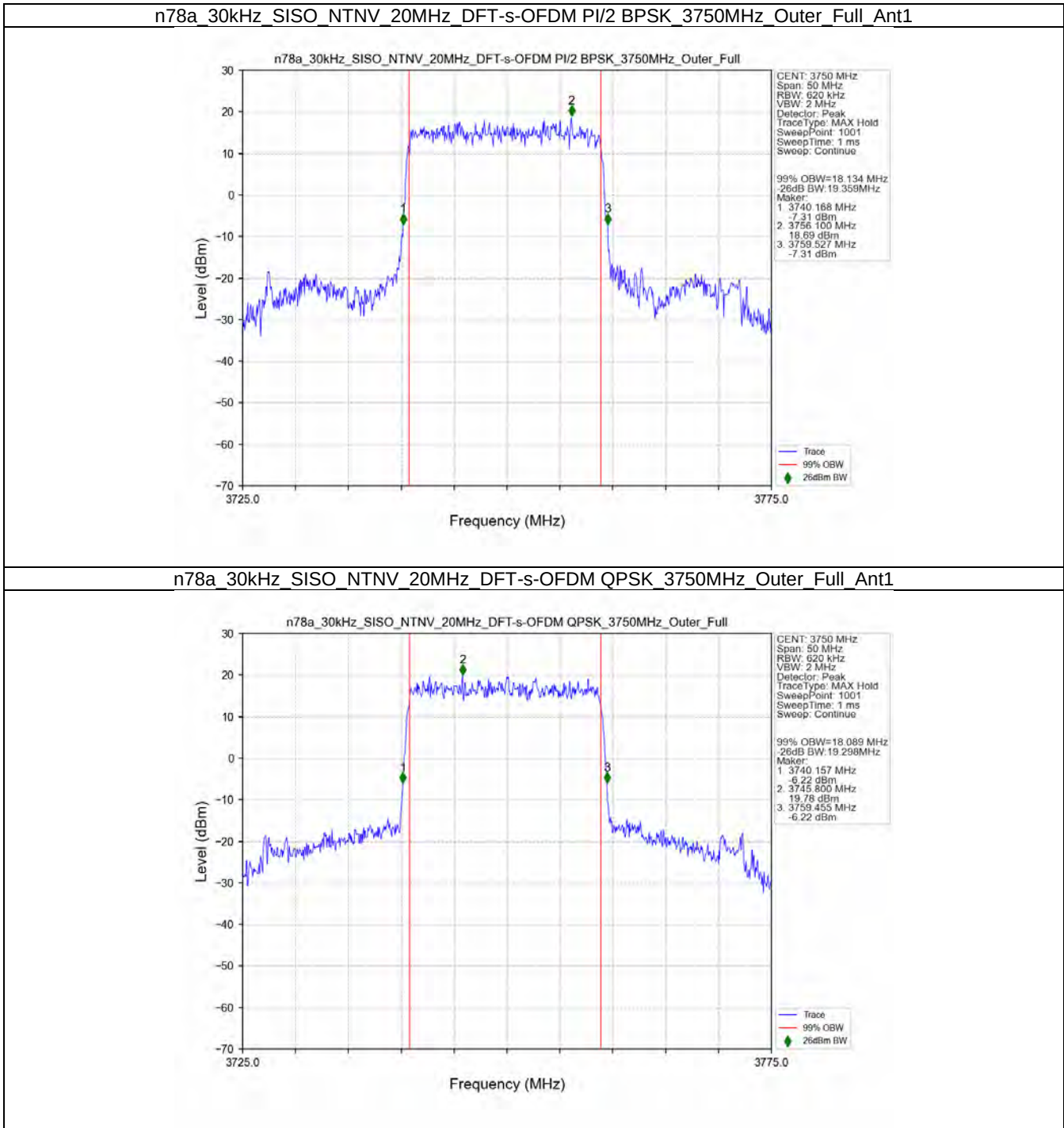
n78a 30kHz SISO NTN 15MHz CP-OFDM 64 QAM 3750MHz Outer Full Ant1



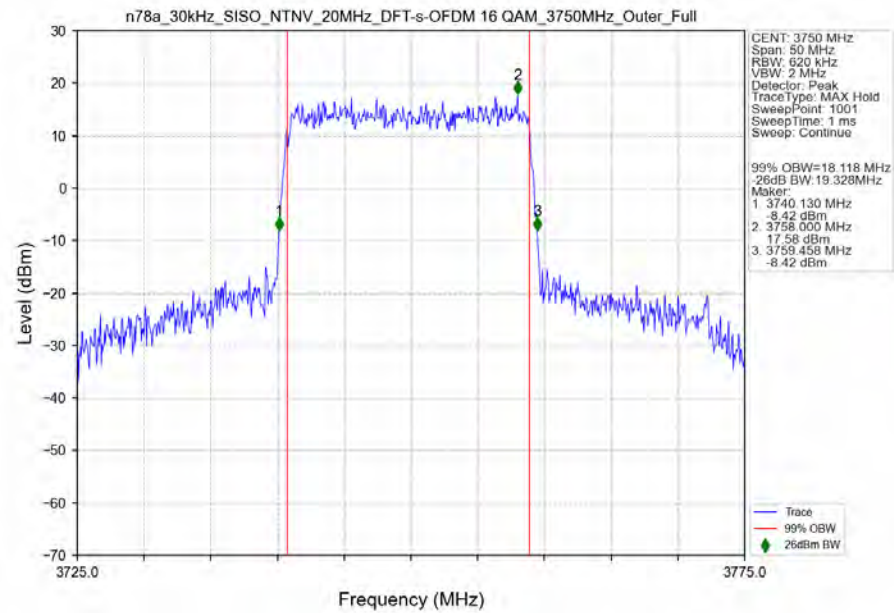
n78a_30kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant1



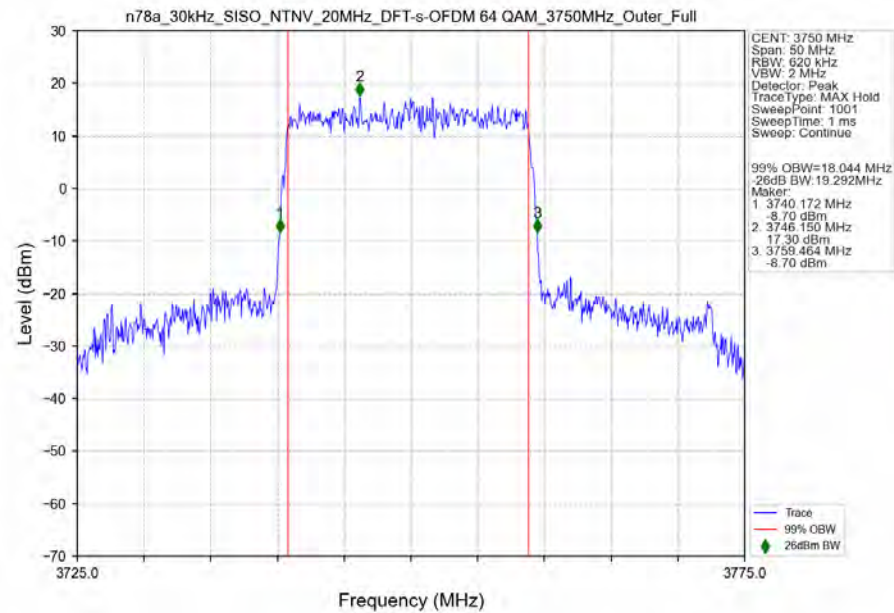
3.2.3 30k_SISO_20MHz_NTNV



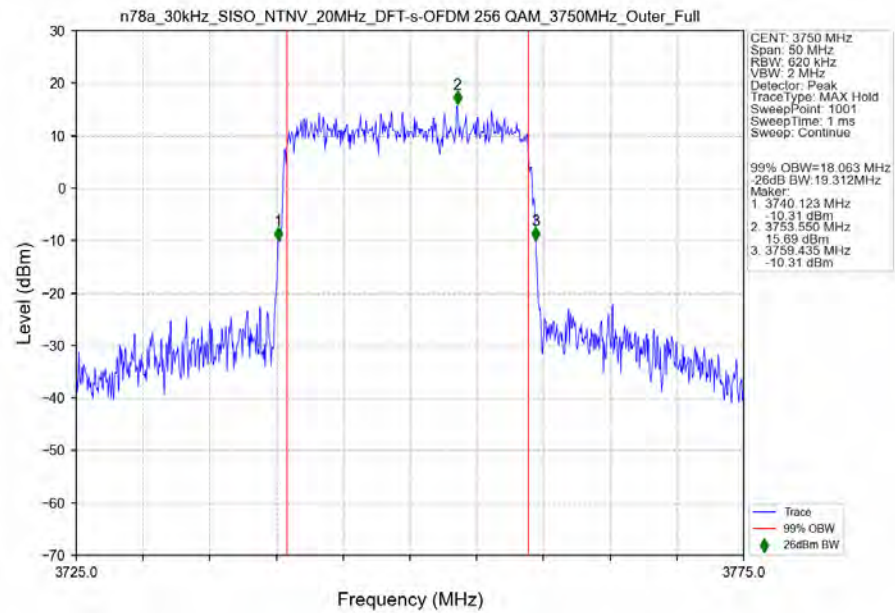
n78a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3750MHz_Outer_Full_Ant1



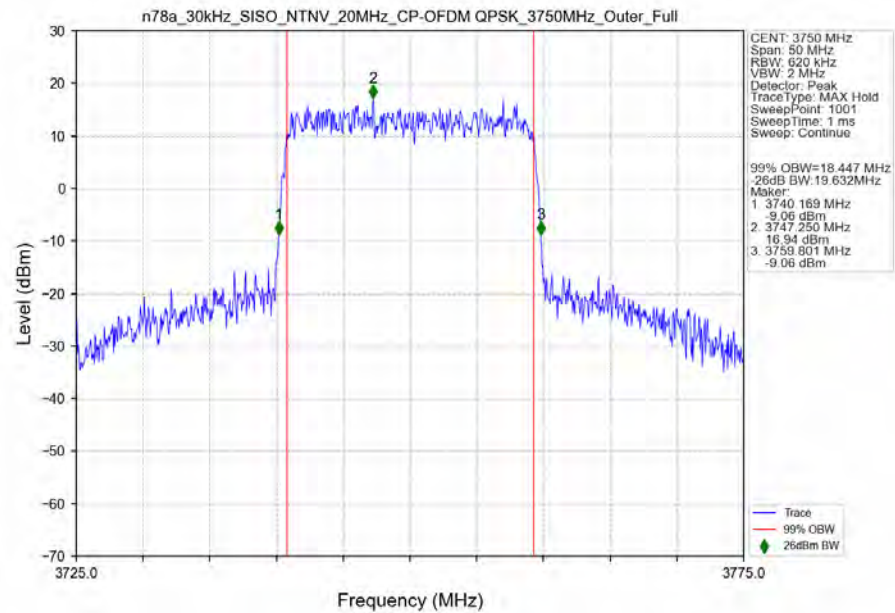
n78a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3750MHz_Outer_Full_Ant1



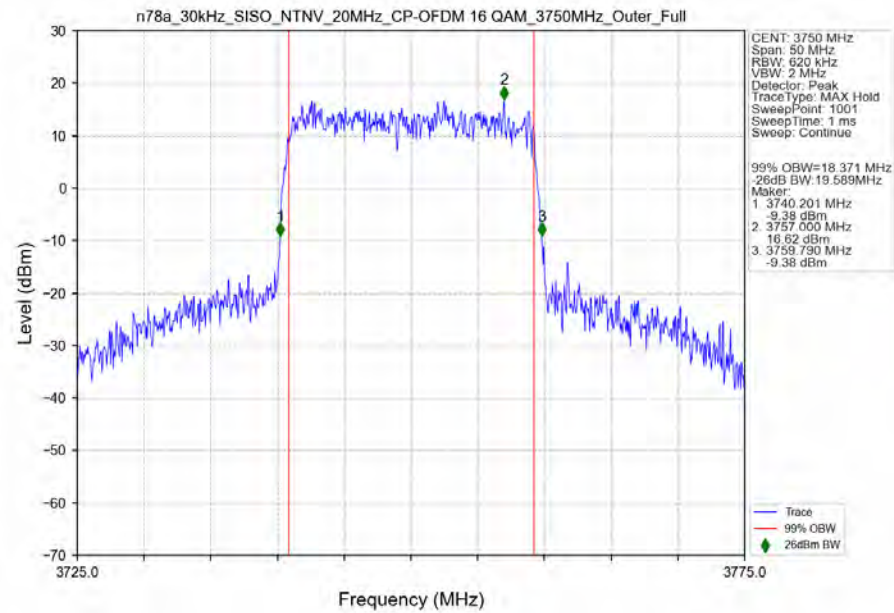
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full Ant1



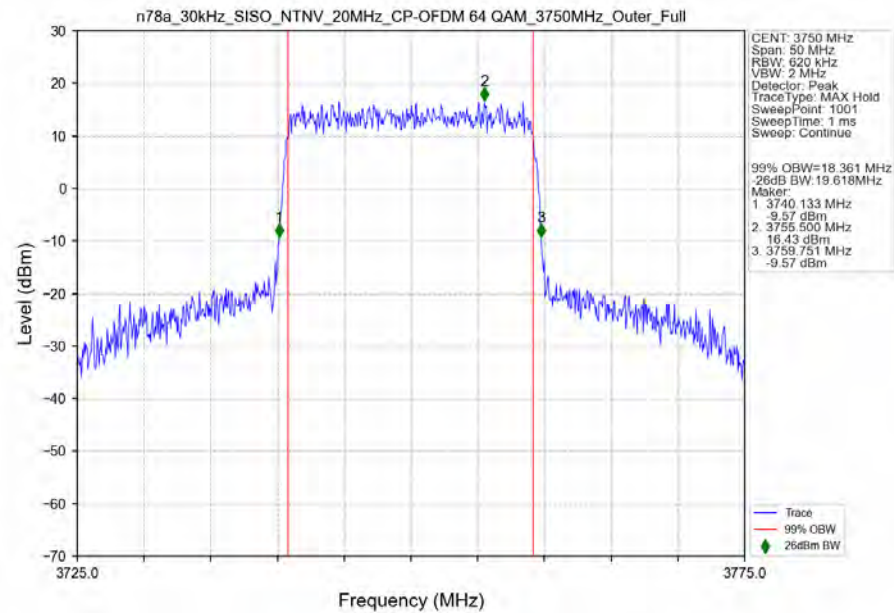
n78a 30kHz SISO NTN 20MHz CP-OFDM QPSK 3750MHz Outer Full Ant1



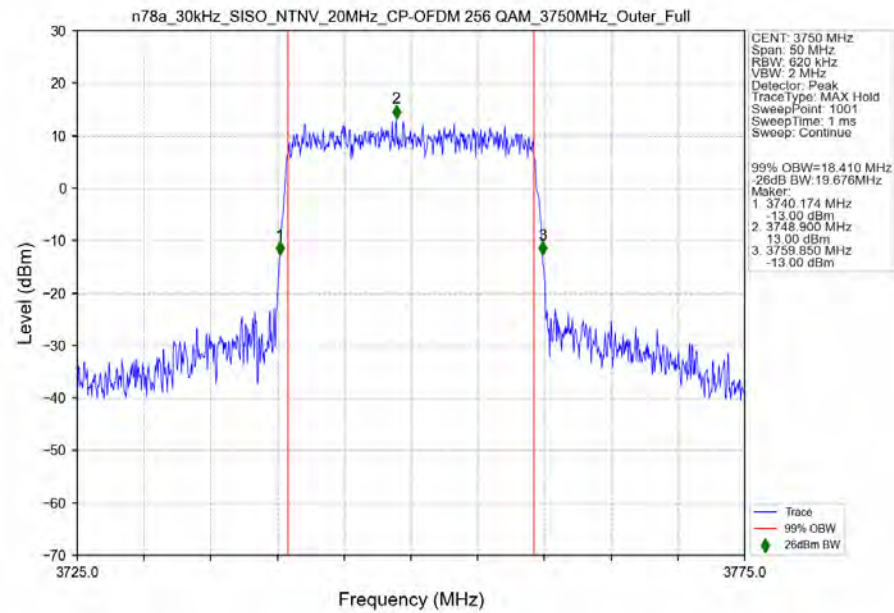
n78a 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 3750MHz Outer Full Ant1



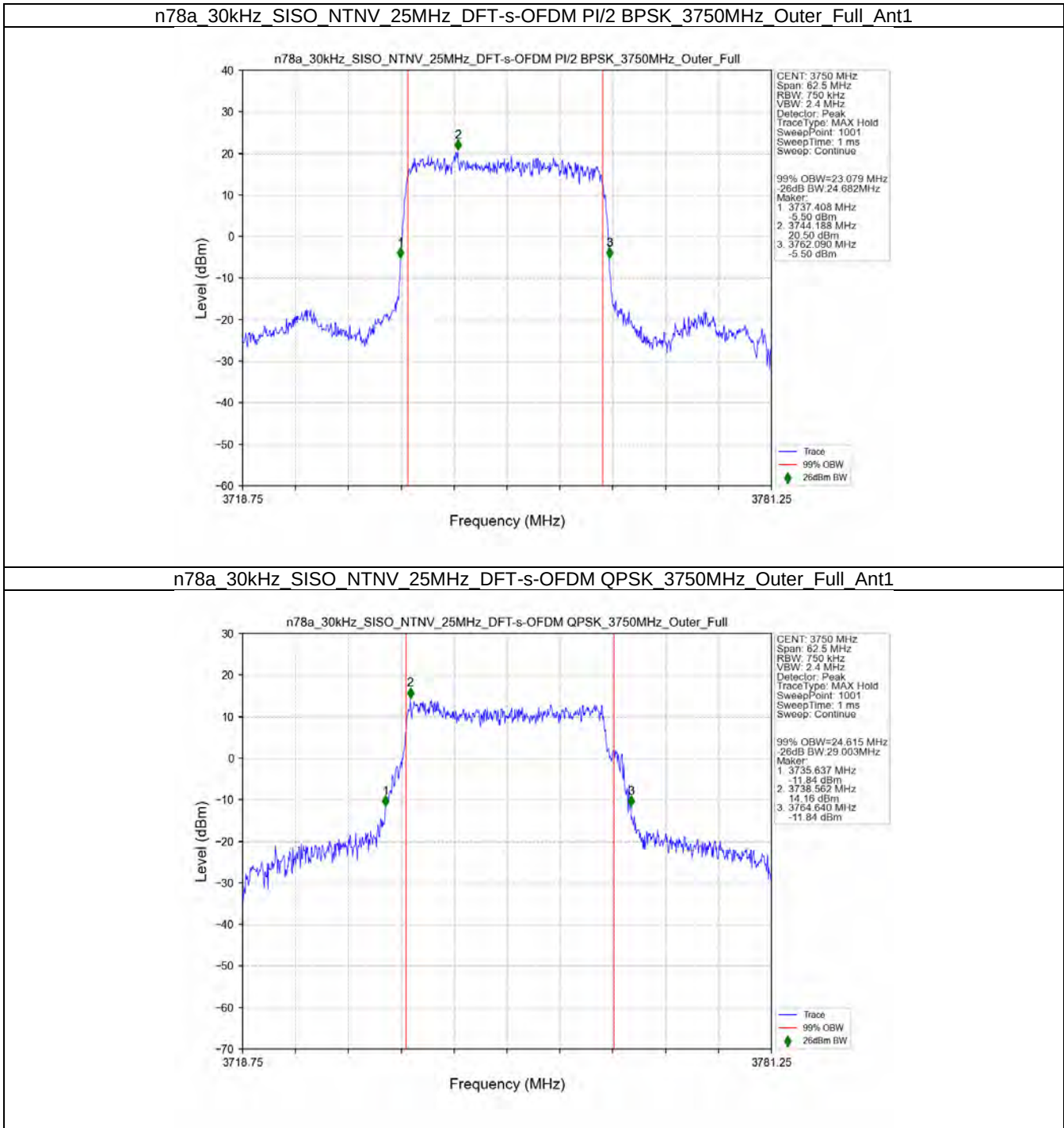
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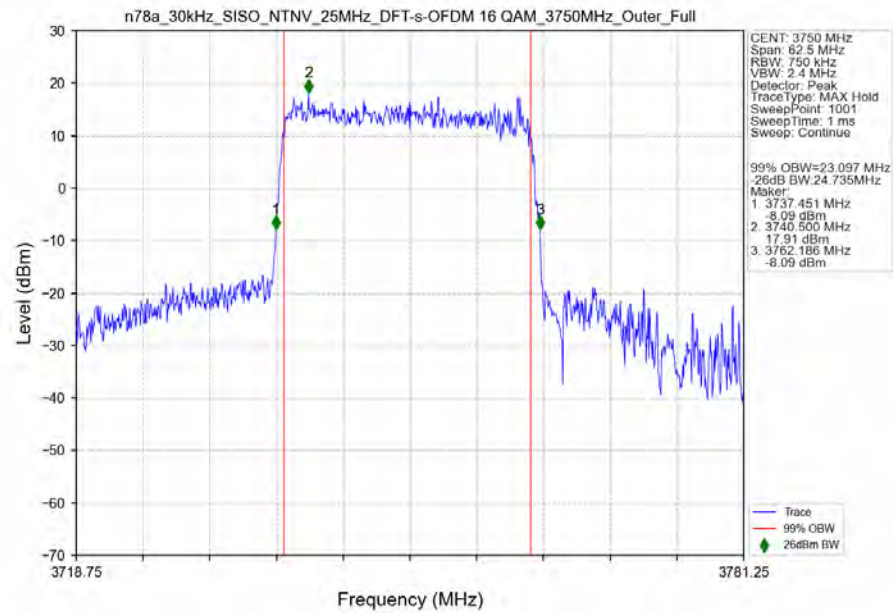
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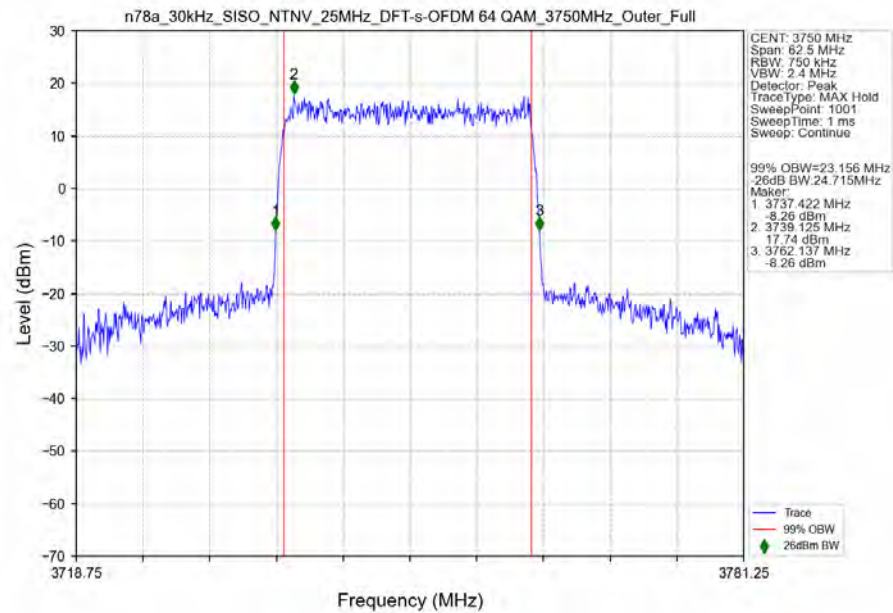
3.2.4 30k_SISO_25MHz_NTNV



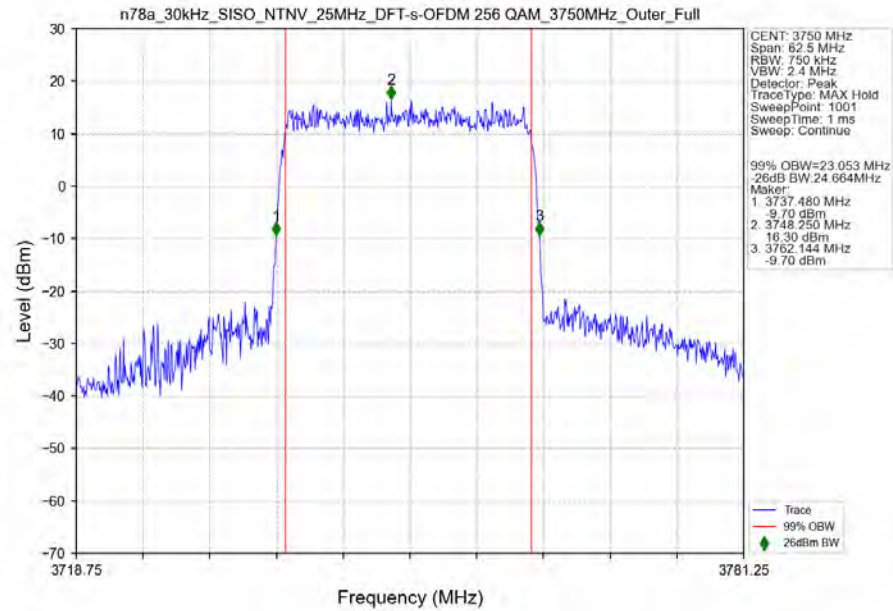
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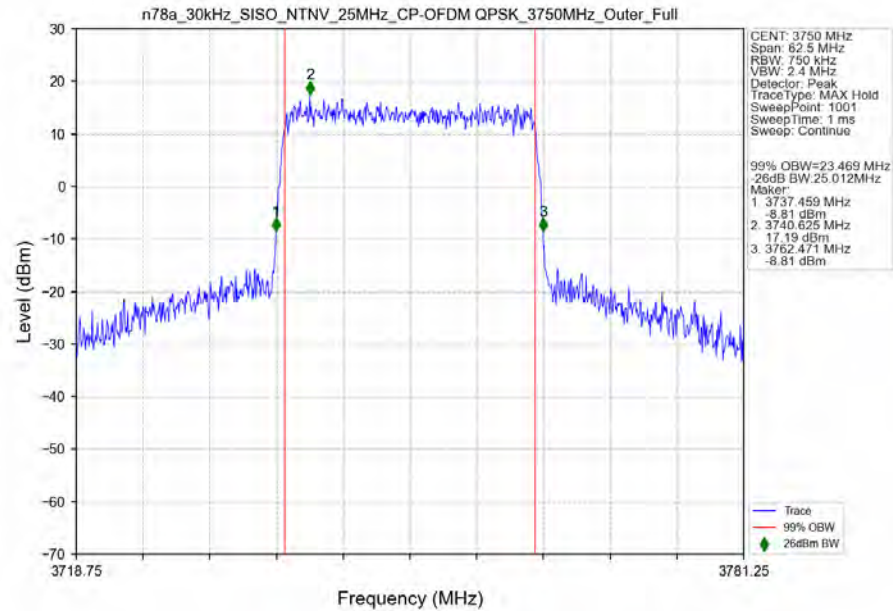
n78a 30kHz SISO NTN 25MHz DFT-s-OFDM 64 QAM 3750MHz Outer Full Ant1



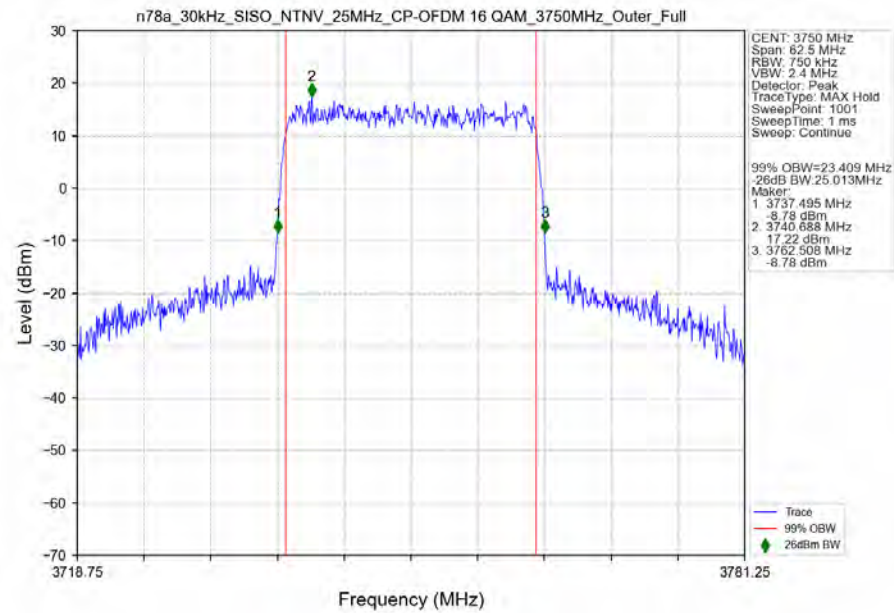
n78a 30kHz SISO NTN 25MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full Ant1



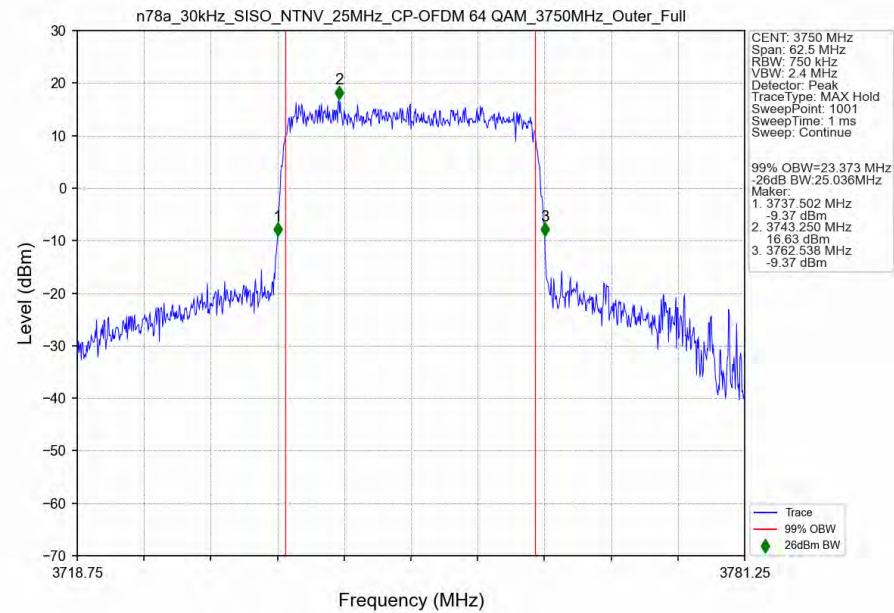
n78a 30kHz SISO NTN 25MHz CP-OFDM QPSK 3750MHz Outer Full Ant1



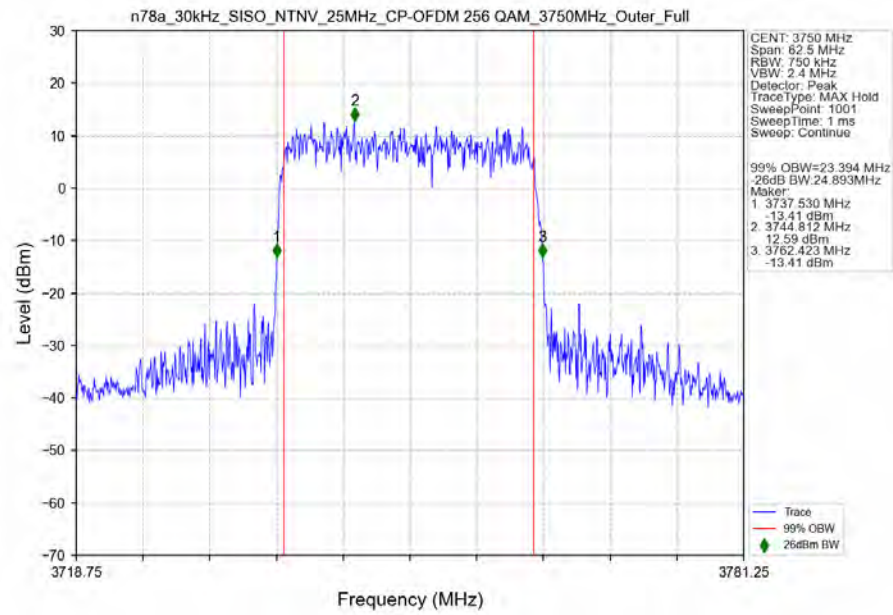
n78a 30kHz SISO NTN 25MHz CP-OFDM 16 QAM 3750MHz Outer Full Ant1



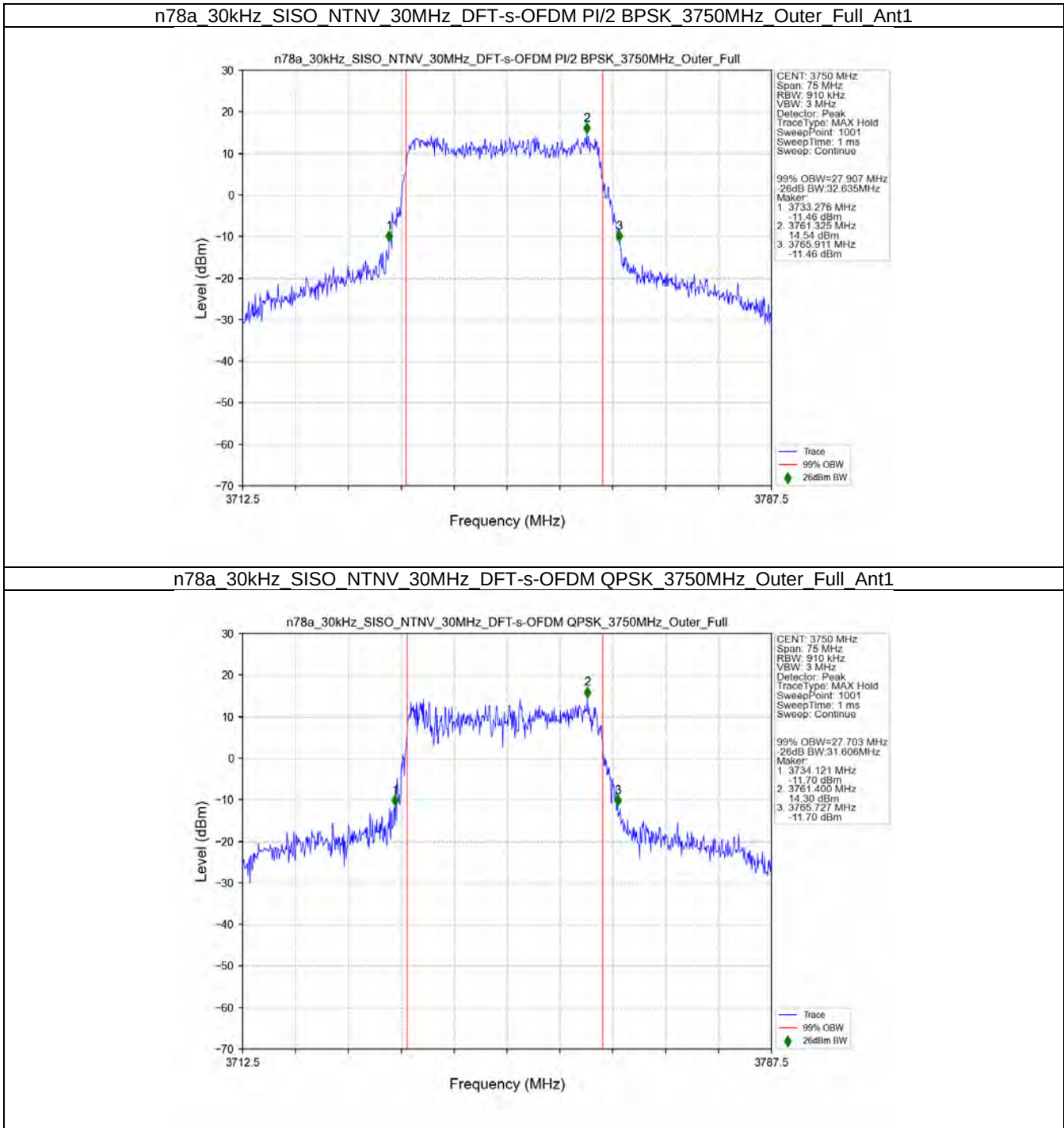
n78a 30kHz SISO NTN 25MHz CP-OFDM 64 QAM 3750MHz Outer Full Ant1



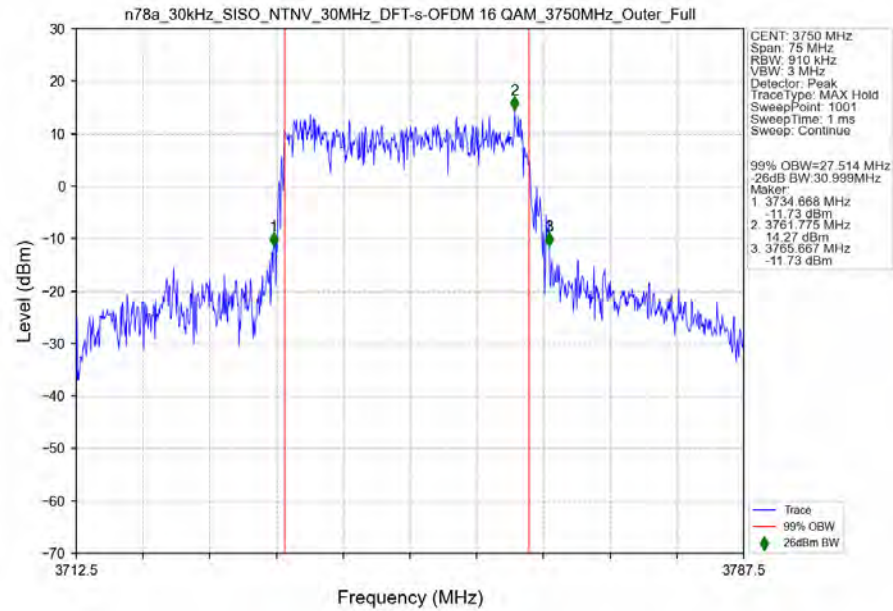
n78a_30kHz_SISO_NTNV_25MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant1



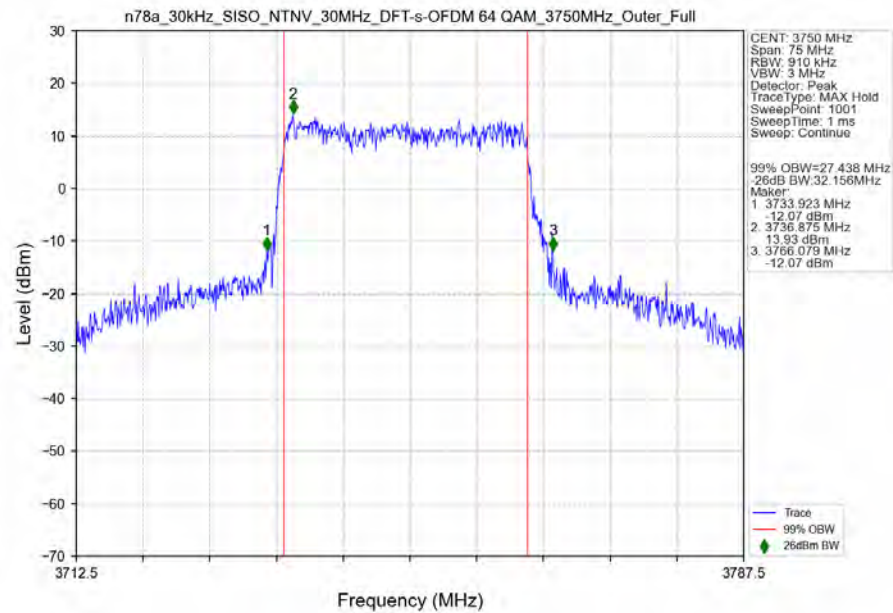
3.2.5 30k_SISO_30MHz_NTNV



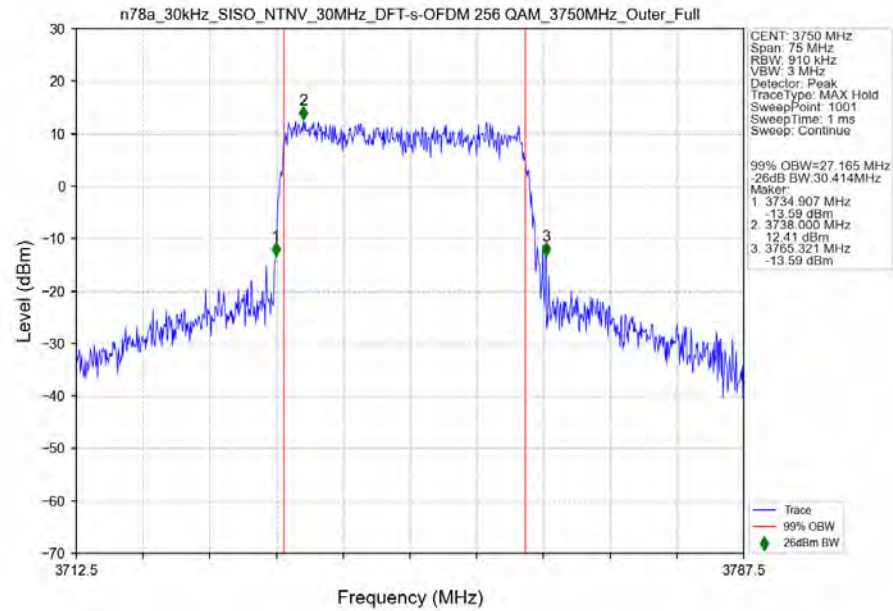
n78a 30kHz SISO NTV 30MHz DFT-s-OFDM 16 QAM 3750MHz Outer Full Ant1



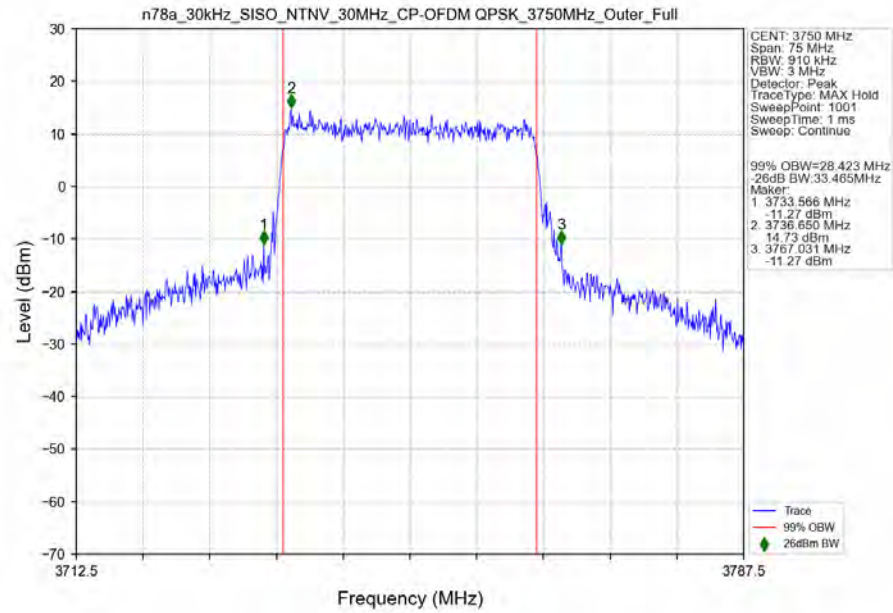
n78a 30kHz SISO NTV 30MHz DFT-s-OFDM 64 QAM 3750MHz Outer Full Ant1



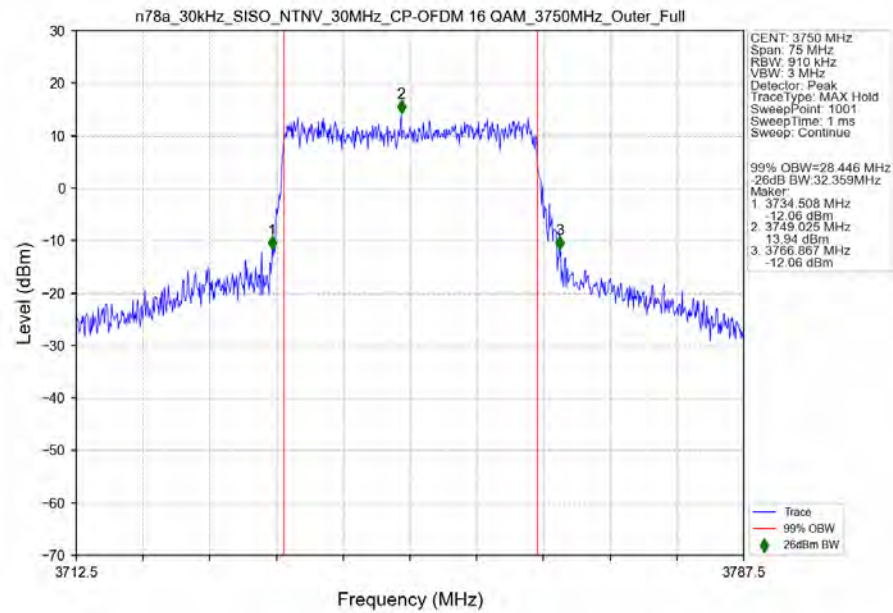
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full Ant1



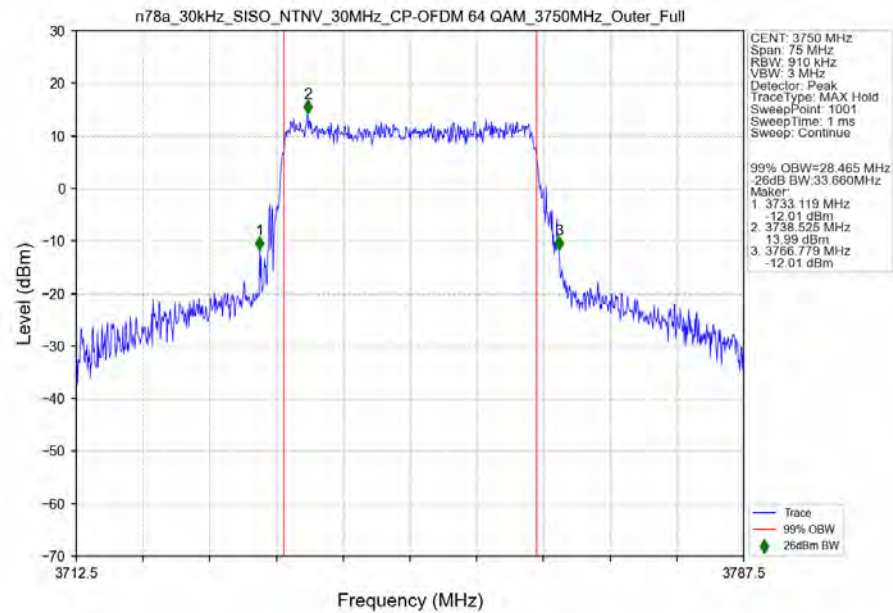
n78a 30kHz SISO NTN 30MHz CP-OFDM QPSK 3750MHz Outer Full Ant1



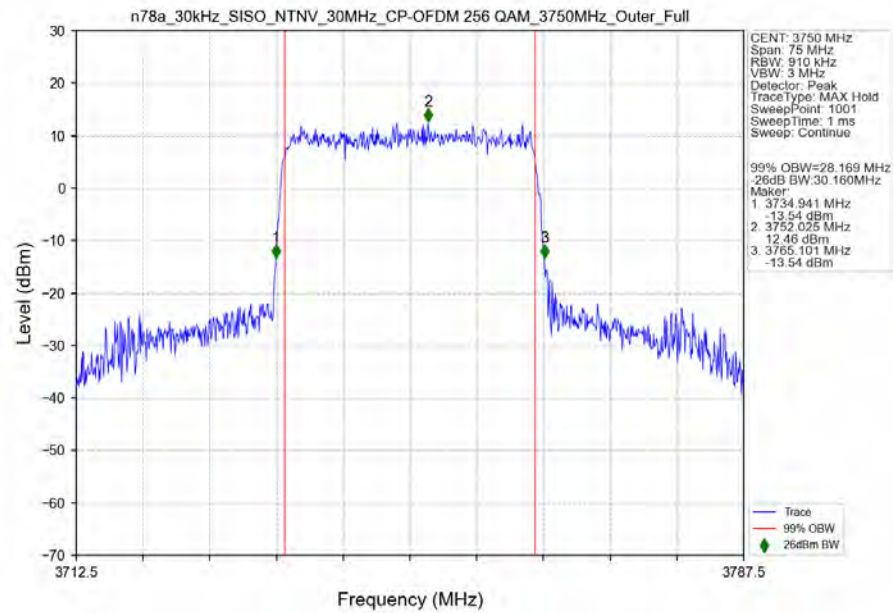
n78a 30kHz SISO NTN 30MHz CP-OFDM 16 QAM 3750MHz Outer Full Ant1



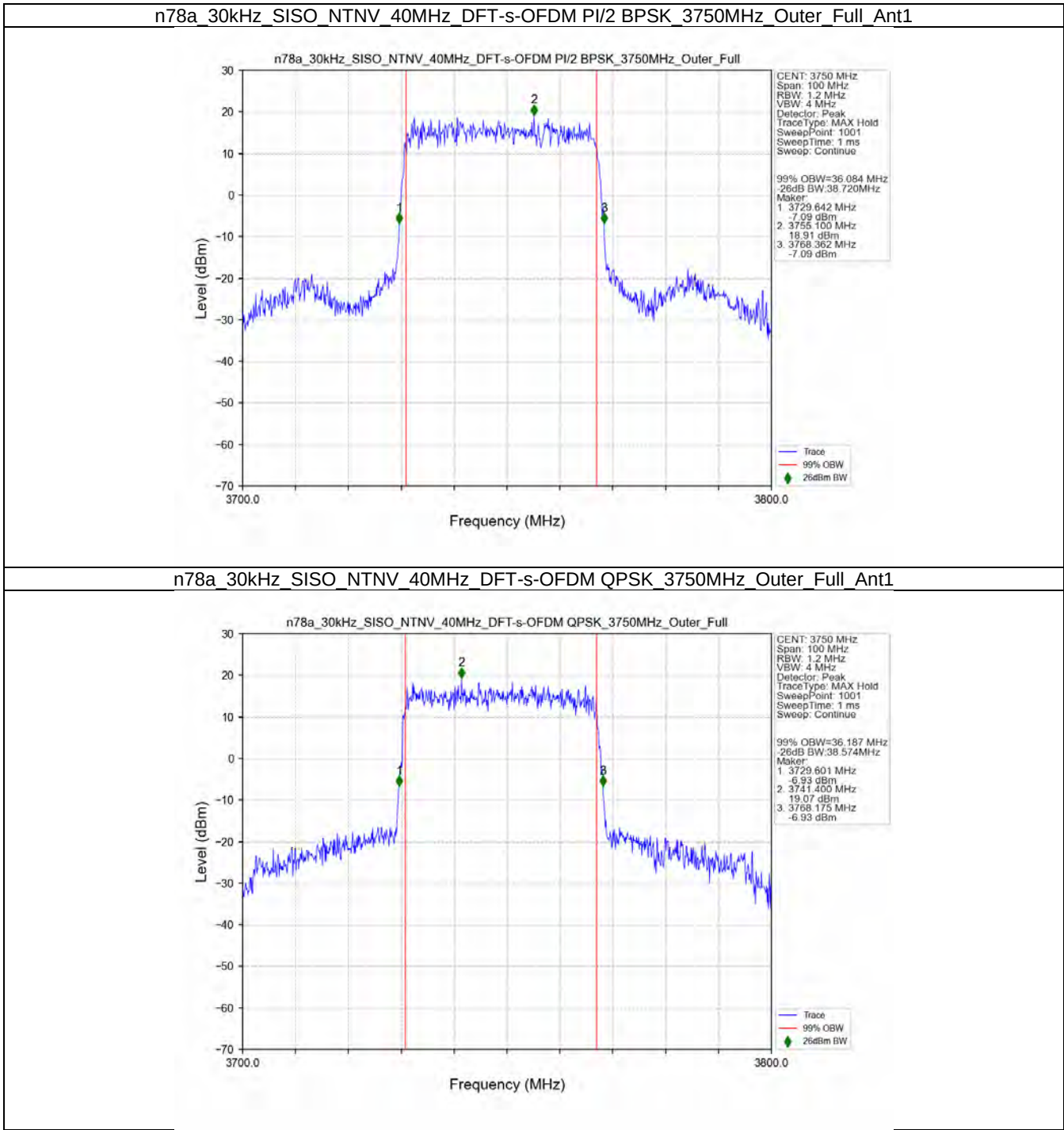
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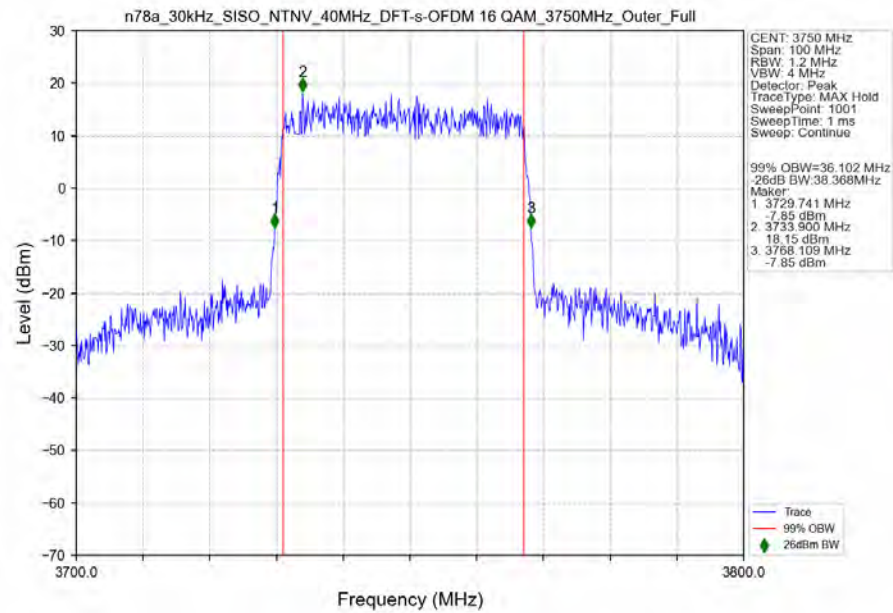
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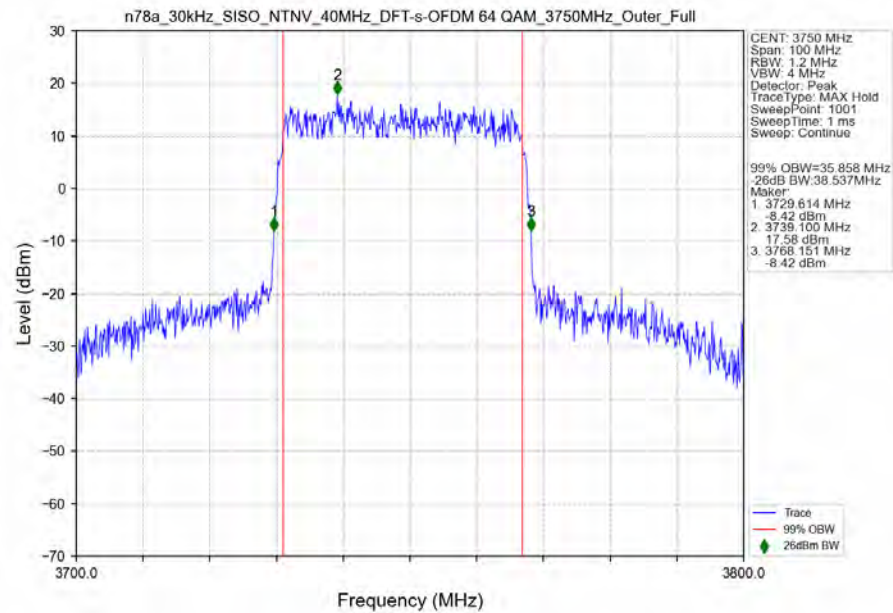
3.2.6 30k_SISO_40MHz_NTNV



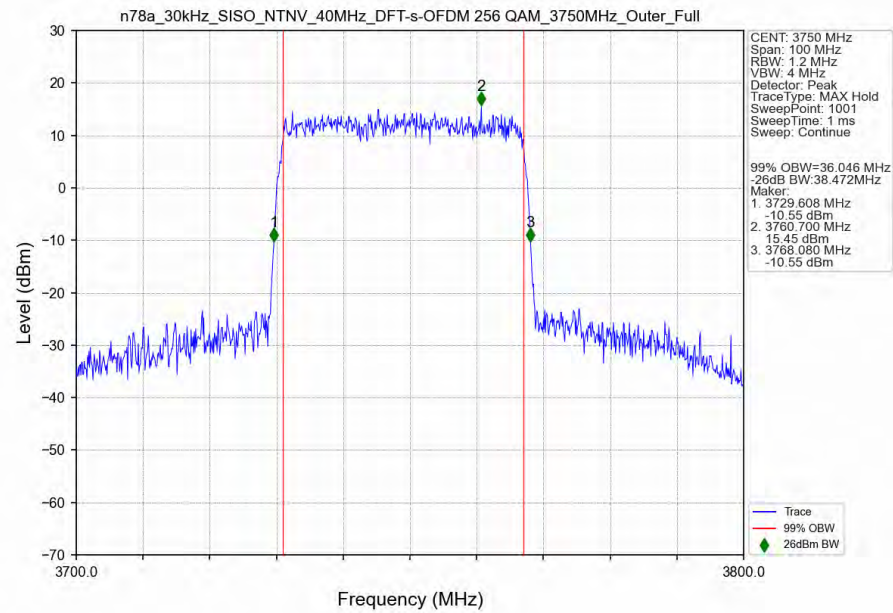
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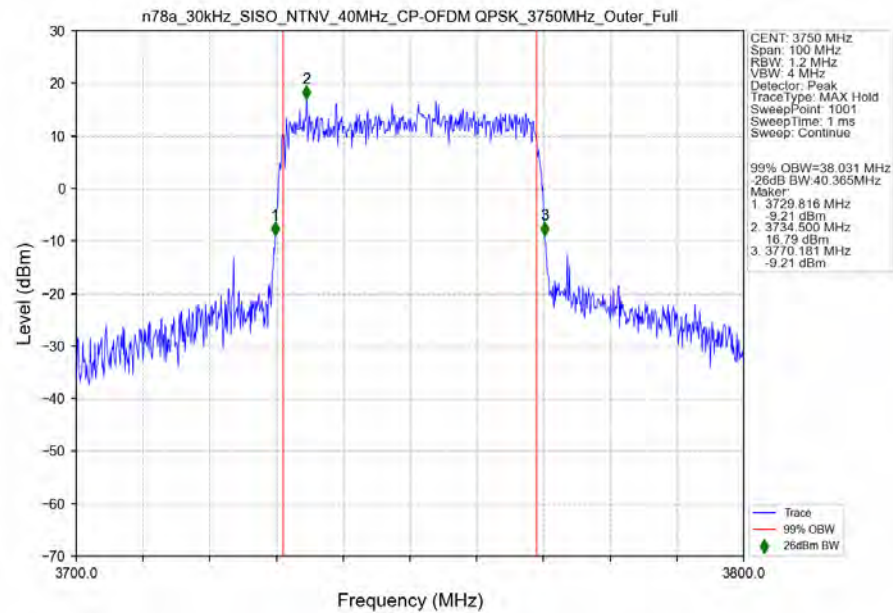
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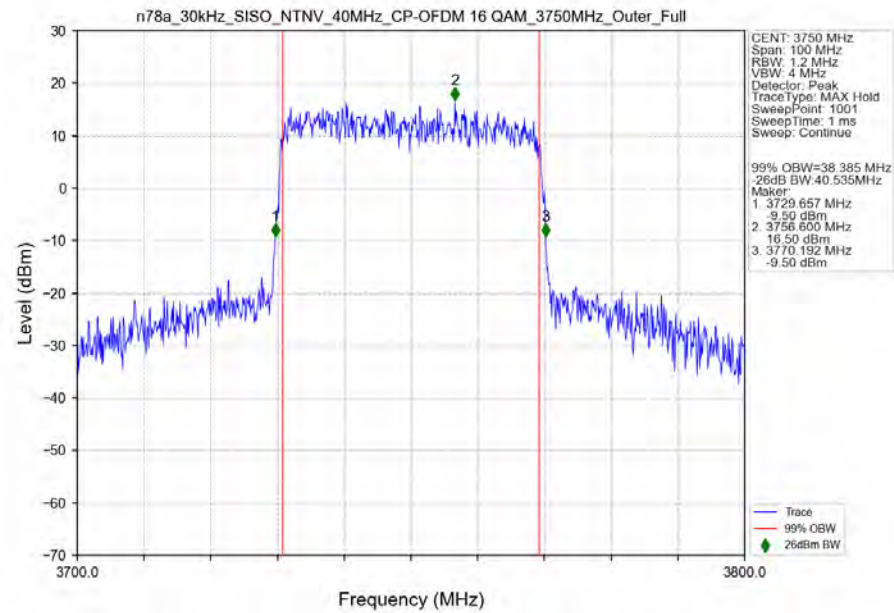
n78a 30kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full Ant1



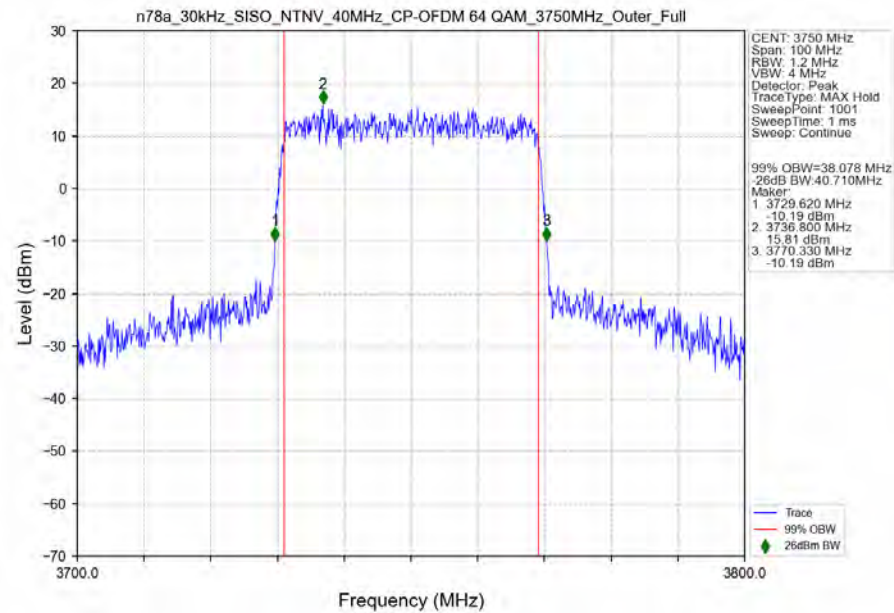
n78a 30kHz SISO NTN 40MHz CP-OFDM QPSK 3750MHz Outer Full Ant1



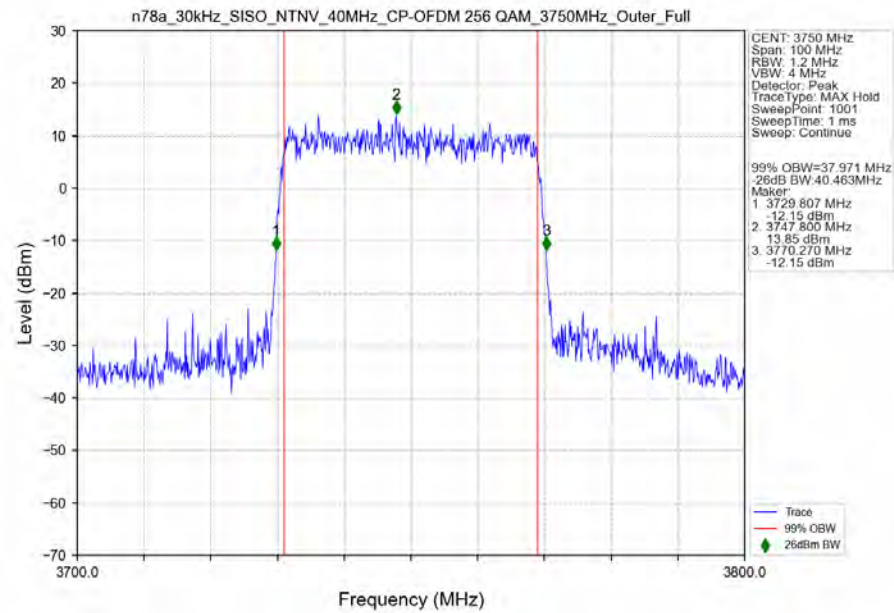
n78a 30kHz SISO NTN 40MHz CP-OFDM 16 QAM 3750MHz Outer Full Ant1



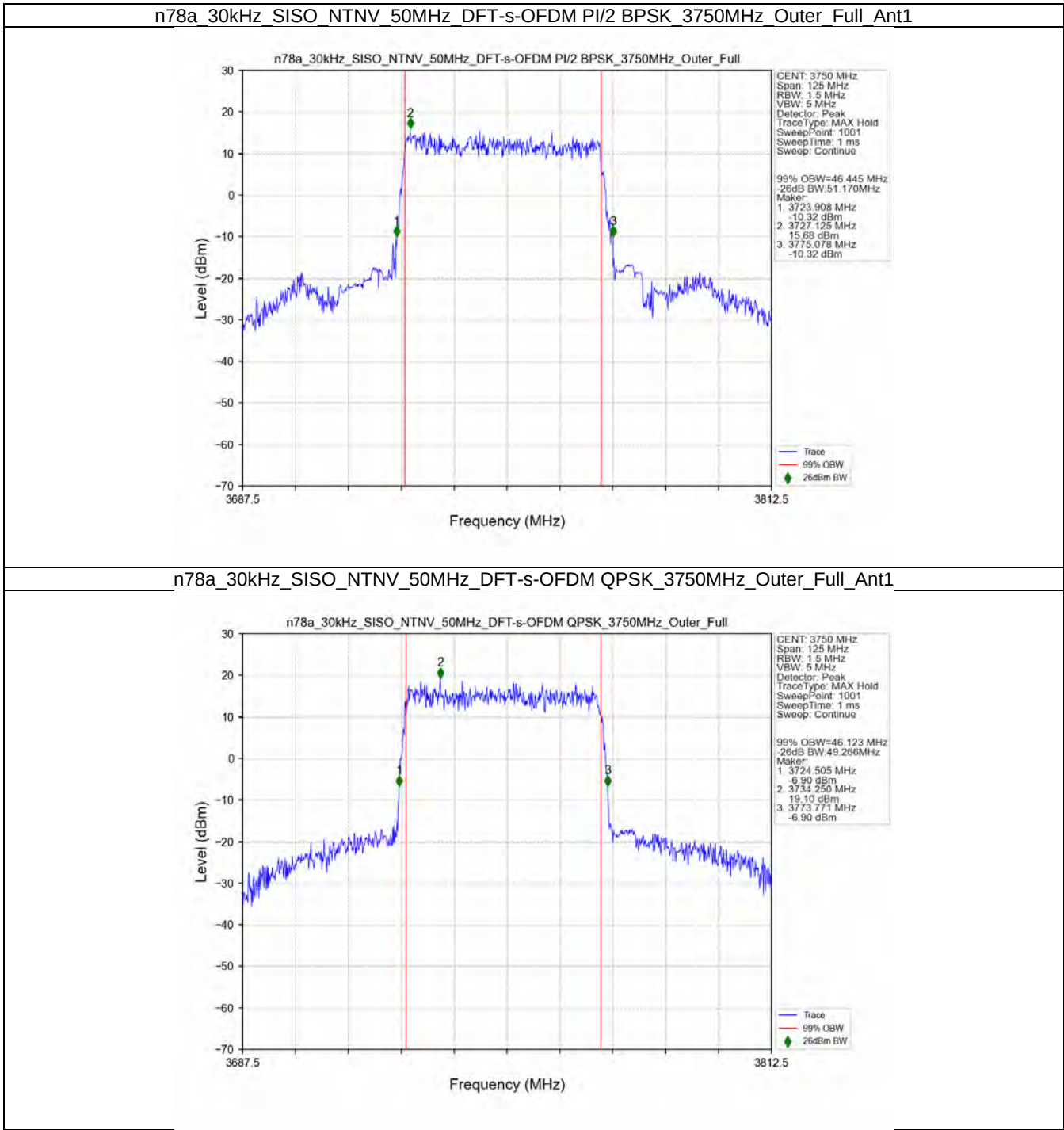
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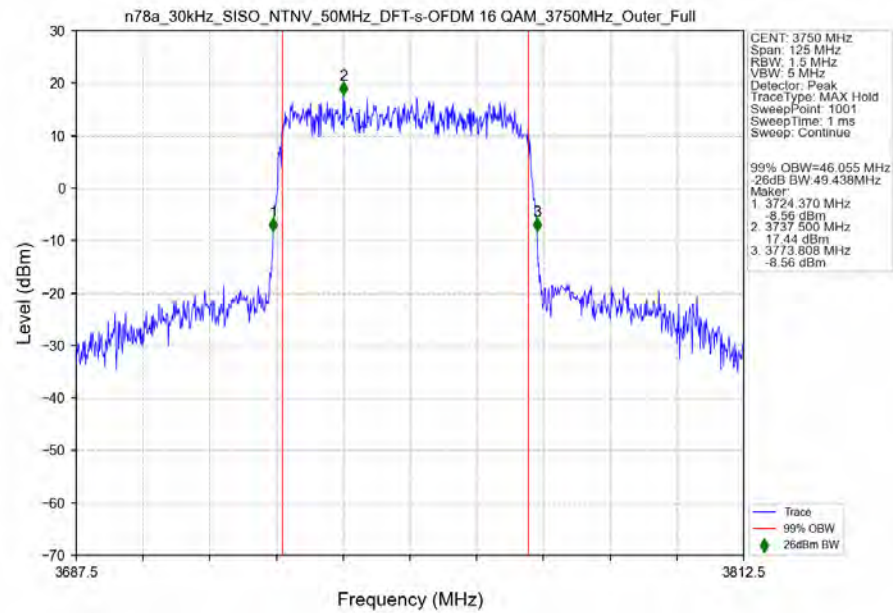
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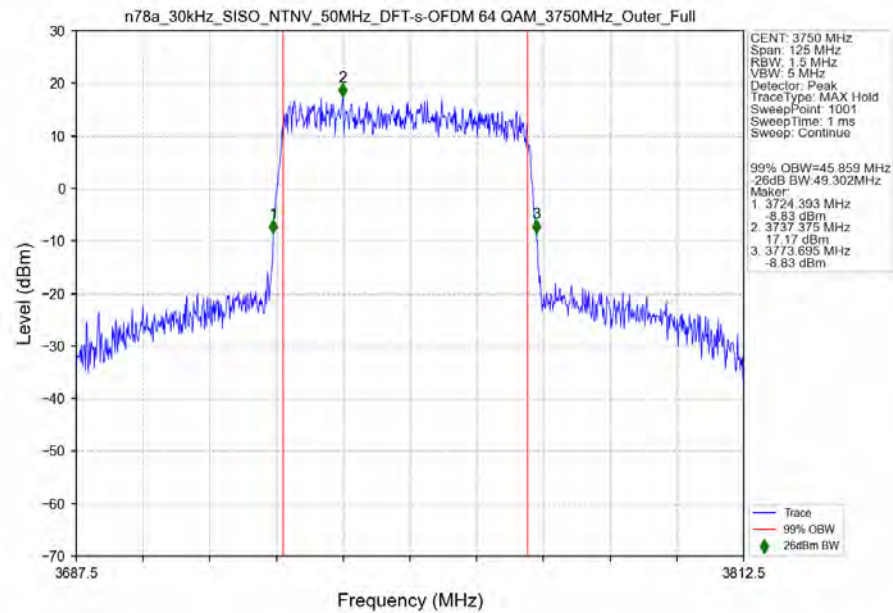
3.2.7 30k_SISO_50MHz_NTNV



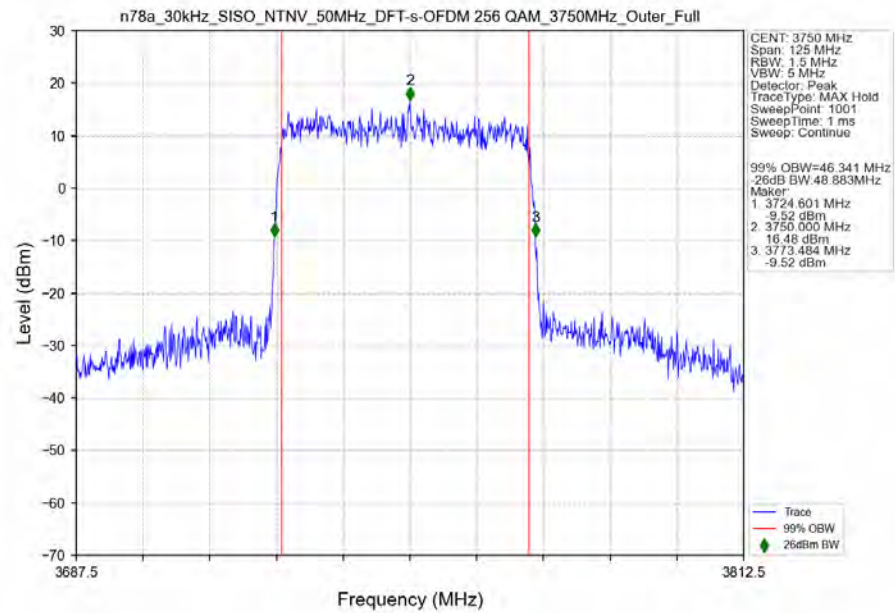
n78a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_16_QAM_3750MHz_Outer_Full_Ant1



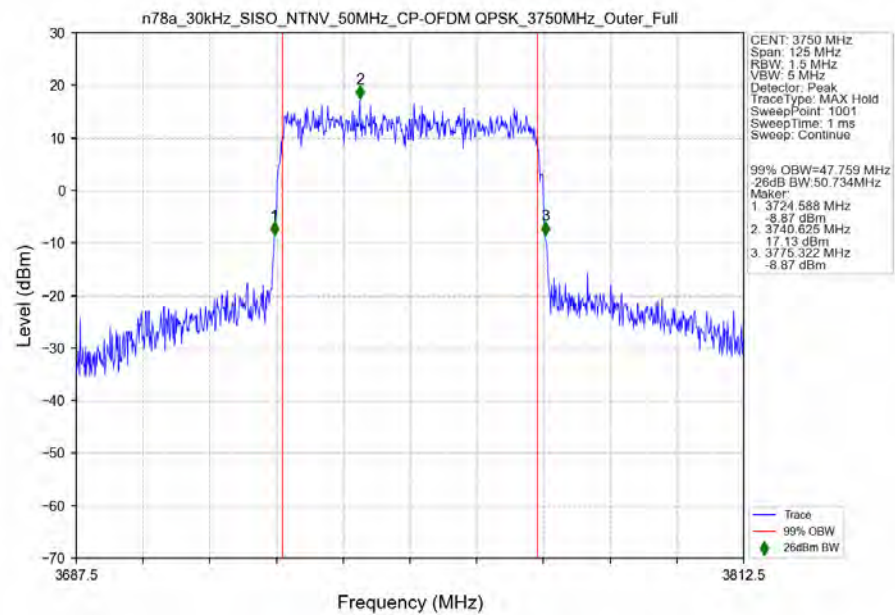
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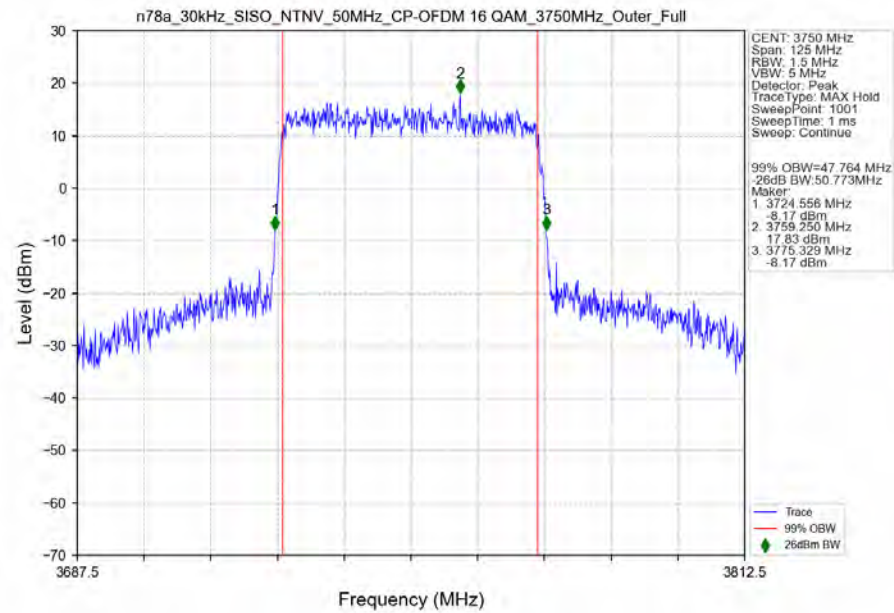
n78a 30kHz SISO NTN 50MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full Ant1



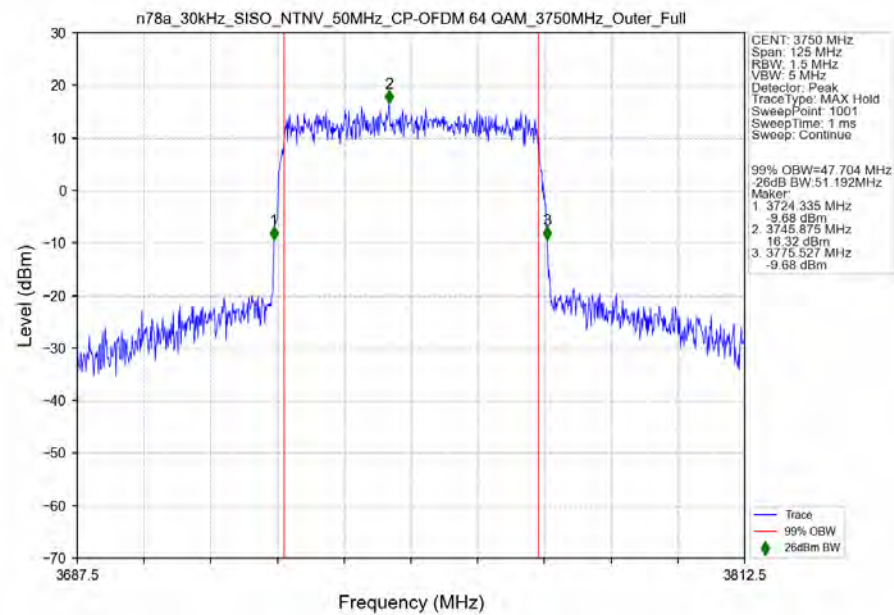
n78a 30kHz SISO NTN 50MHz CP-OFDM QPSK 3750MHz Outer Full Ant1



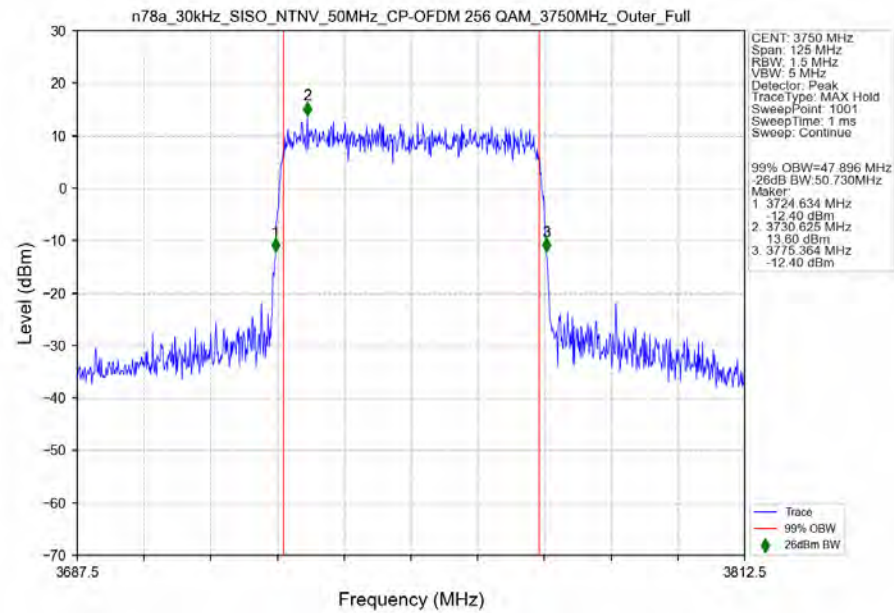
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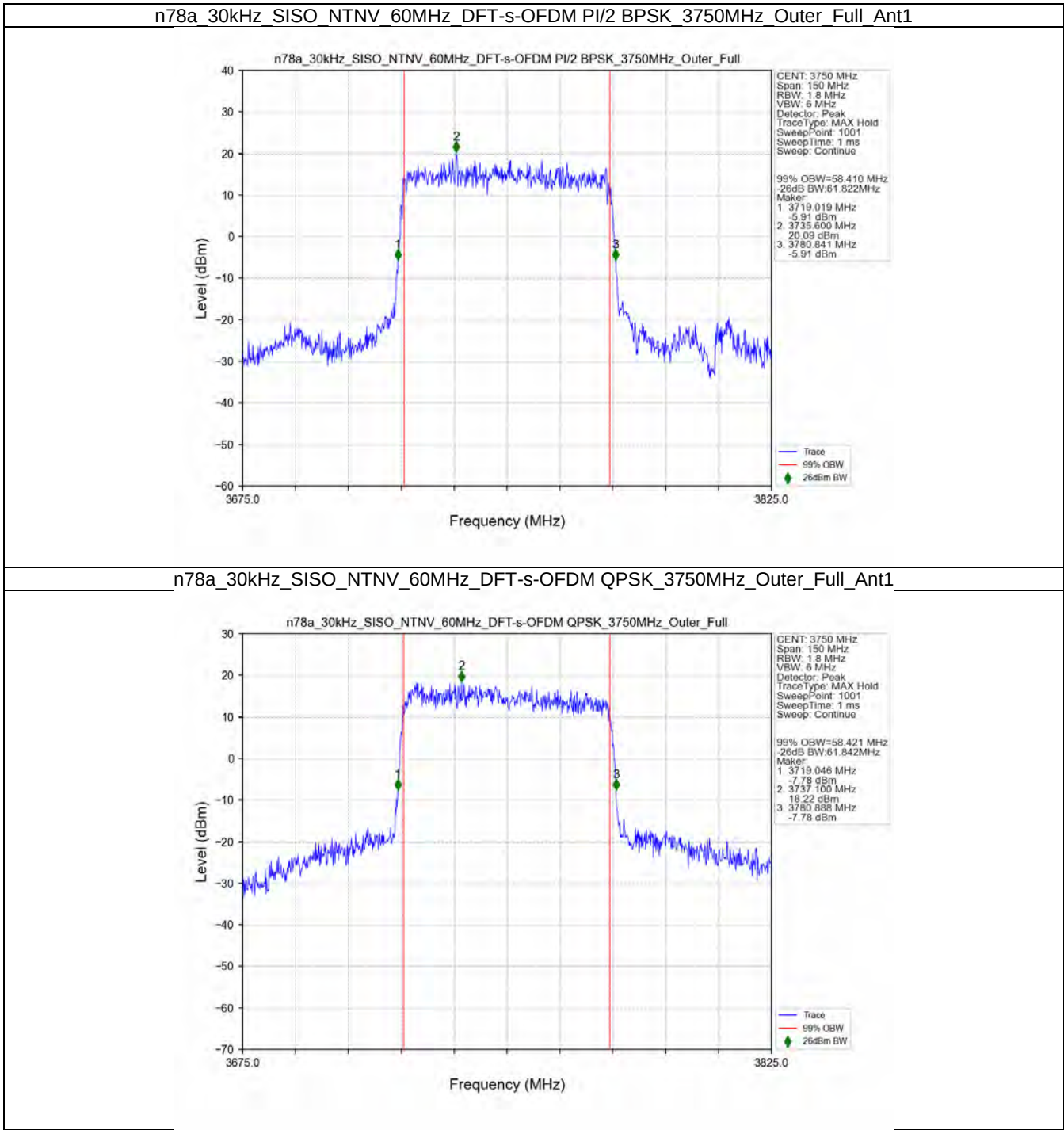
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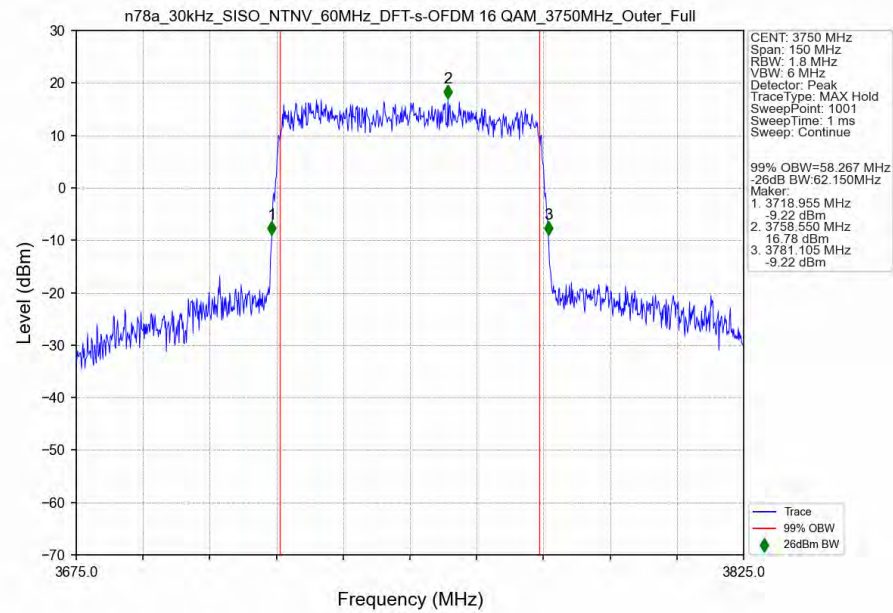
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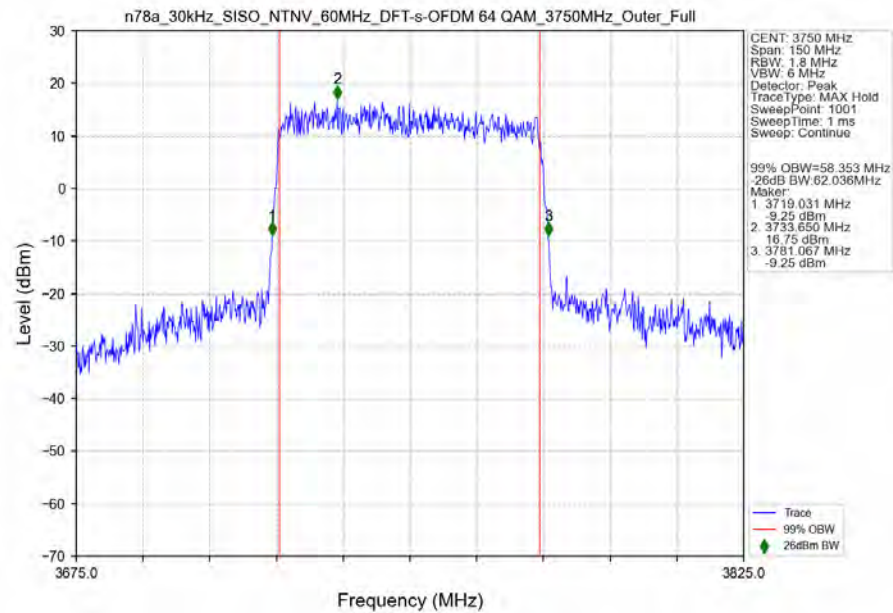
3.2.8 30k_SISO_60MHz_NTNV



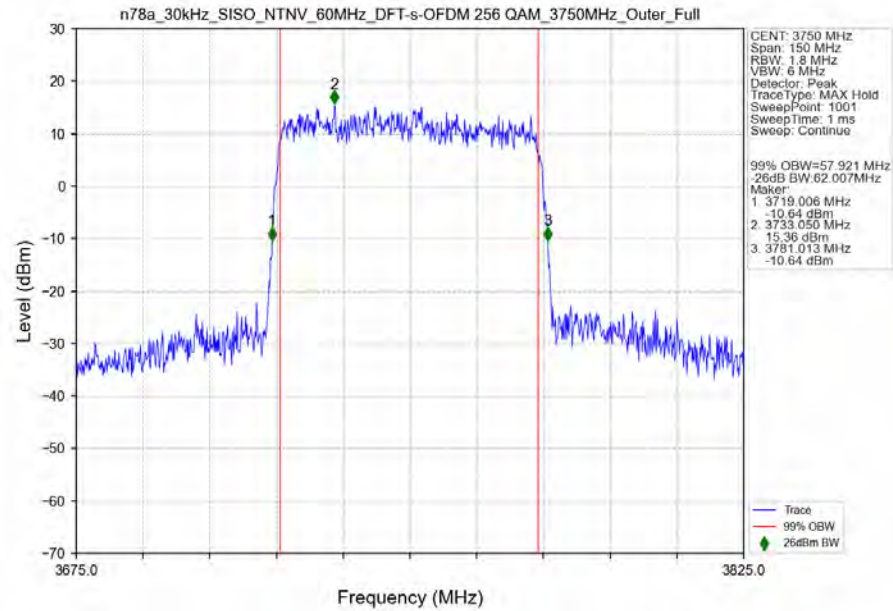
n78a 30kHz SISO NTN 60MHz DFT-s-OFDM 16 QAM 3750MHz Outer Full Ant1



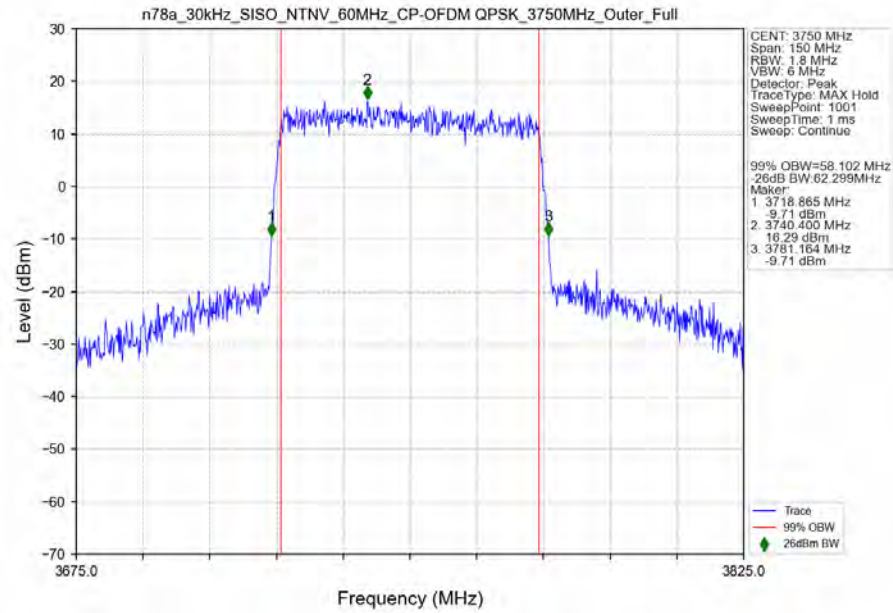
n78a 30kHz SISO NTN 60MHz DFT-s-OFDM 64 QAM 3750MHz Outer Full Ant1



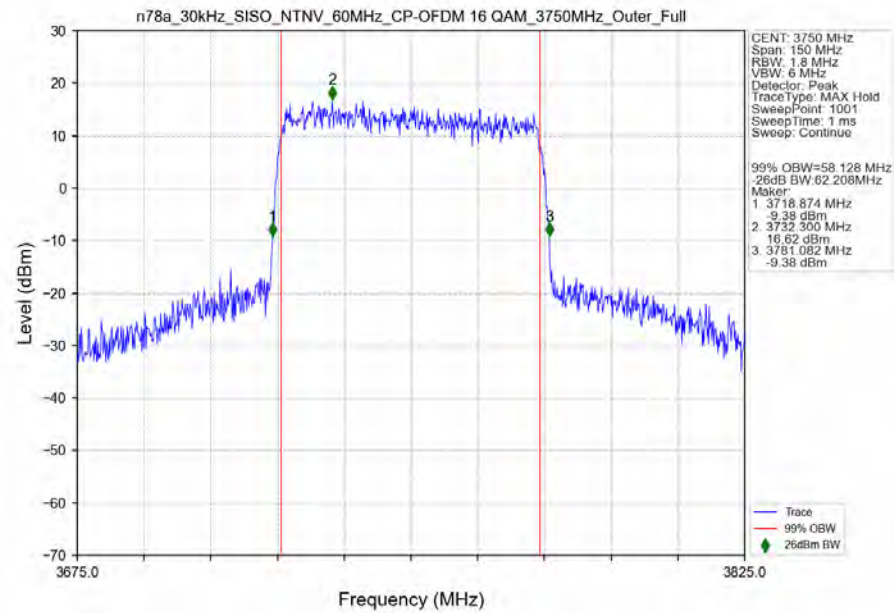
n78a 30kHz SISO NTN 60MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full Ant1



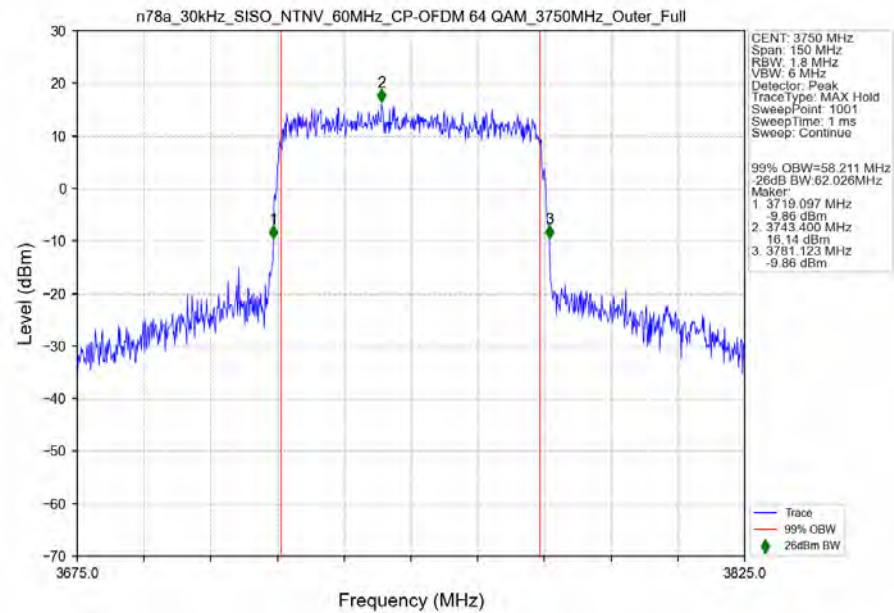
n78a 30kHz SISO NTN 60MHz CP-OFDM QPSK 3750MHz Outer Full Ant1



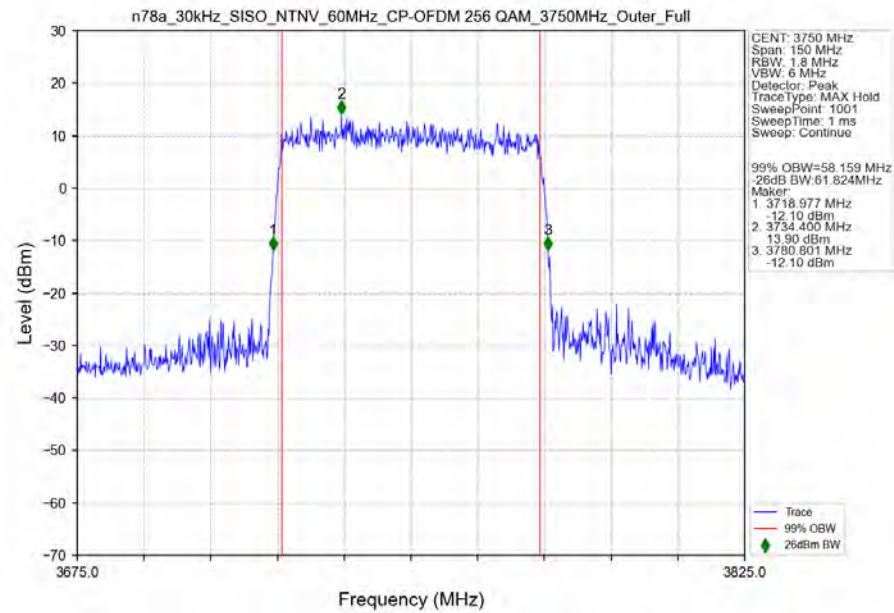
n78a 30kHz SISO NTN 60MHz CP-OFDM 16 QAM 3750MHz Outer Full Ant1



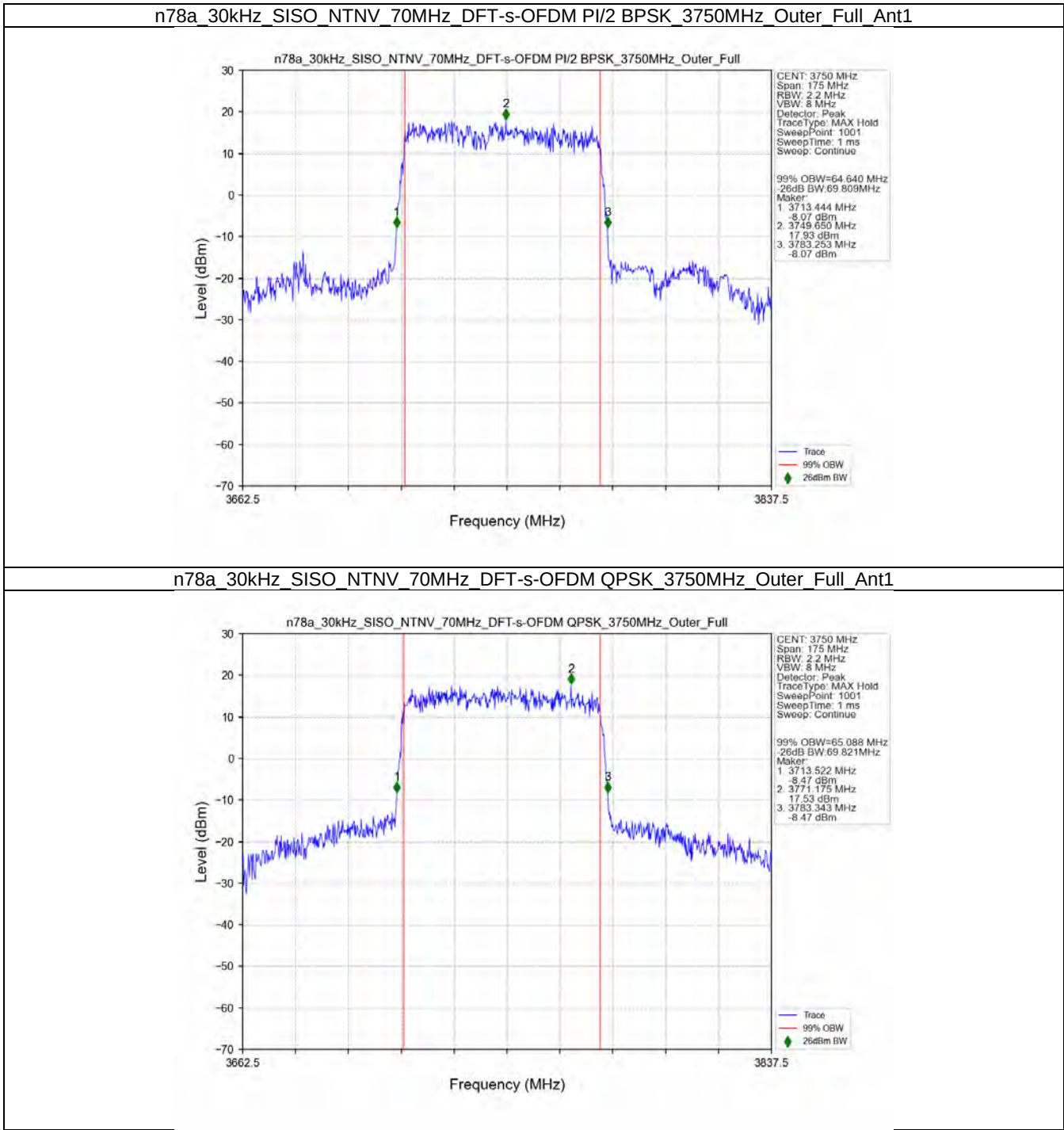
n78a 30kHz SISO NTN 60MHz CP-OFDM 64 QAM 3750MHz Outer Full Ant1



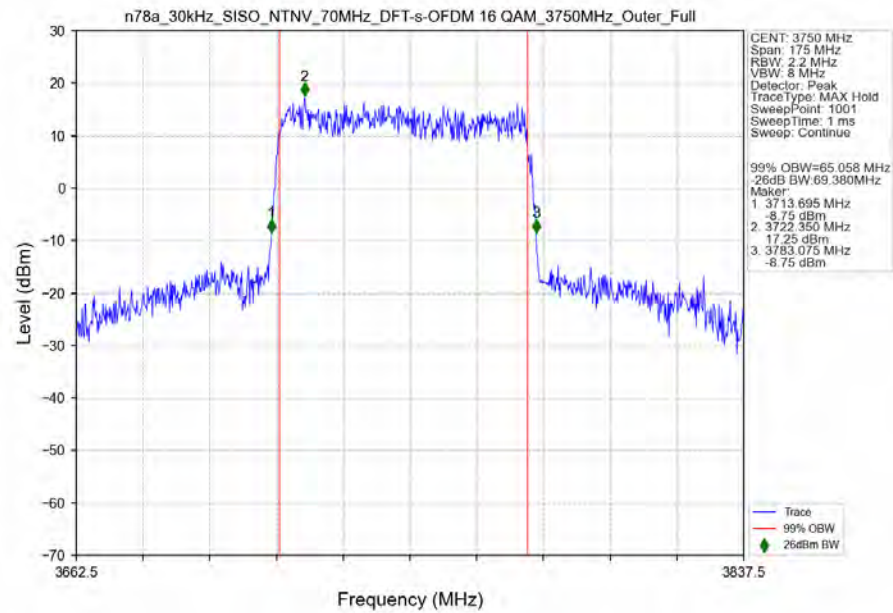
n78a_30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant1



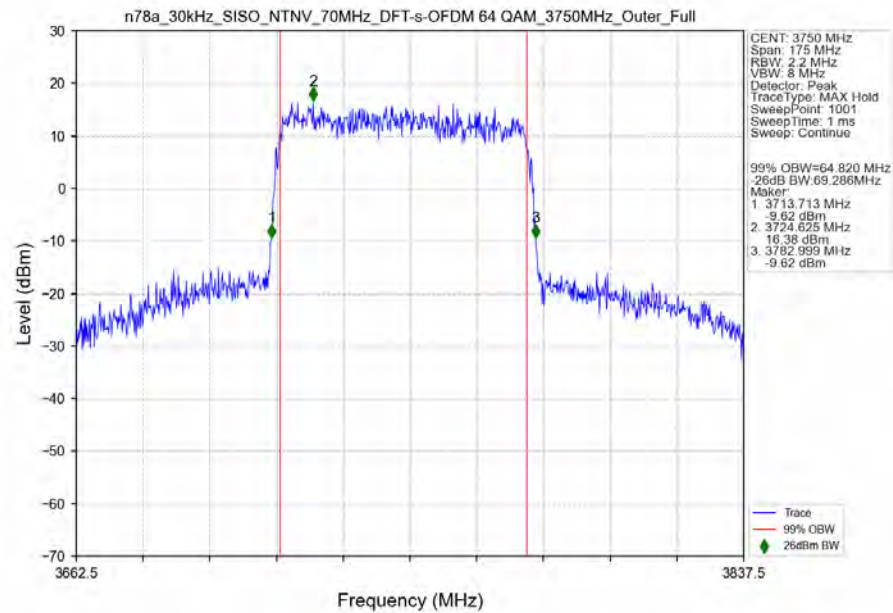
3.2.9 30k_SISO_70MHz_NTNV



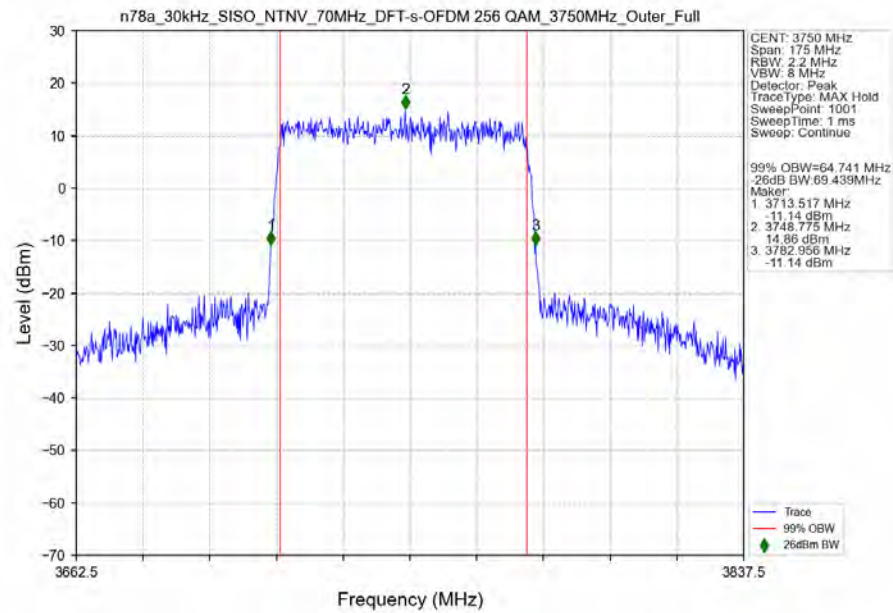
n78a 30kHz SISO NTN 70MHz DFT-s-OFDM 16 QAM 3750MHz Outer Full Ant1



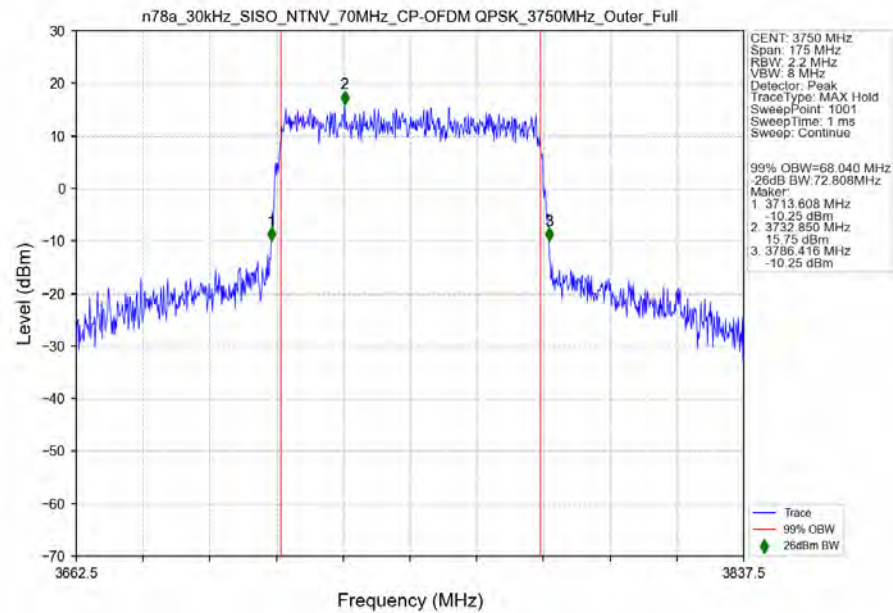
n78a 30kHz SISO NTN 70MHz DFT-s-OFDM 64 QAM 3750MHz Outer Full Ant1



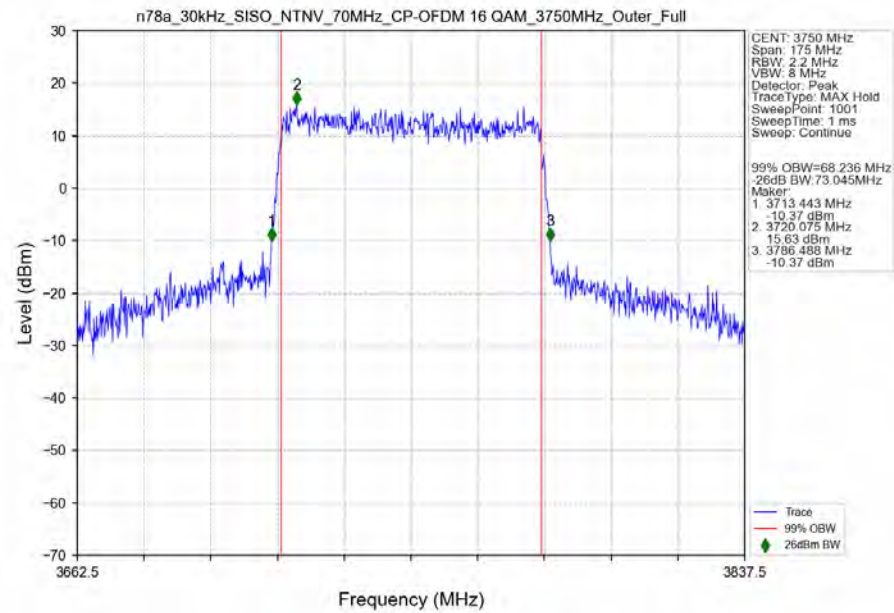
n78a 30kHz SISO NTN 70MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full Ant1



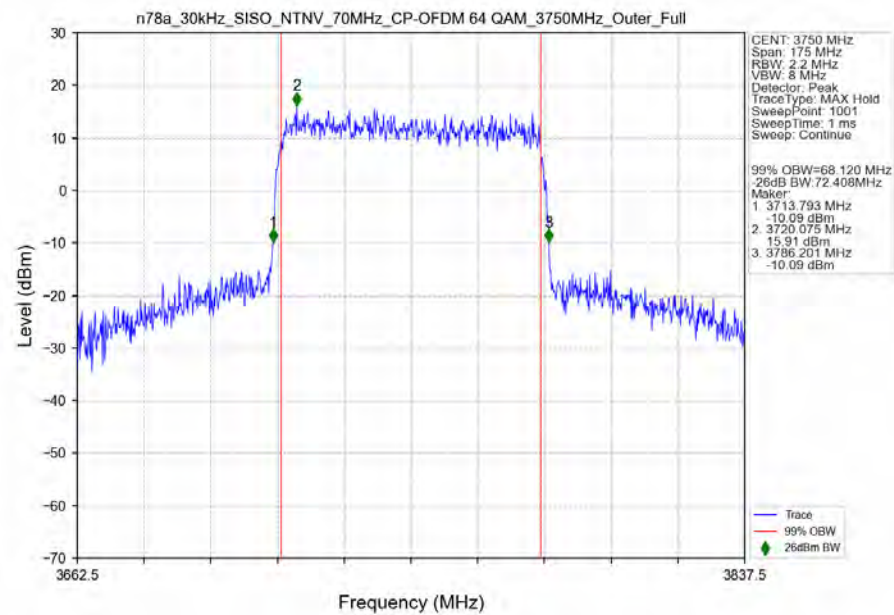
n78a 30kHz SISO NTN 70MHz CP-OFDM QPSK 3750MHz Outer Full Ant1



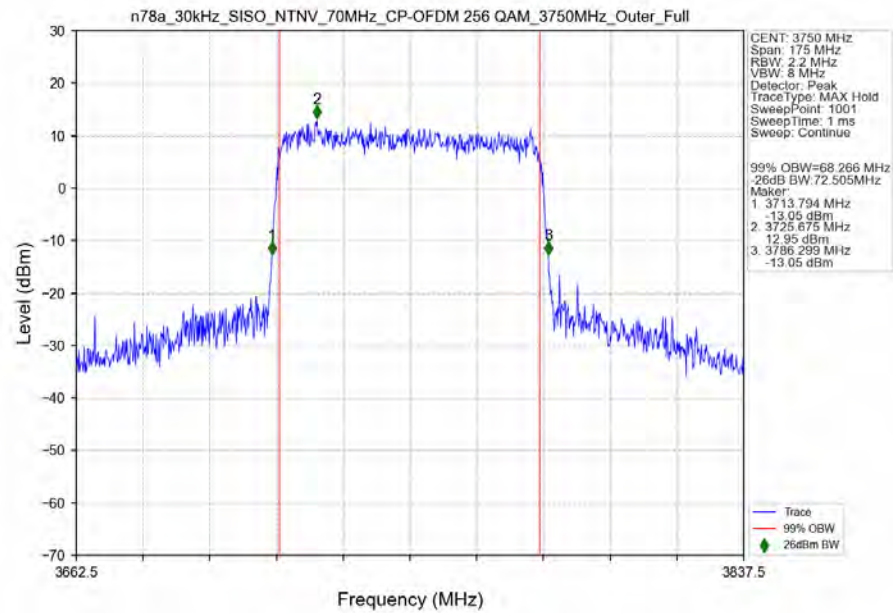
n78a 30kHz SISO NTN 70MHz CP-OFDM 16 QAM 3750MHz Outer Full Ant1



n78a 30kHz SISO NTN 70MHz CP-OFDM 64 QAM 3750MHz Outer Full Ant1

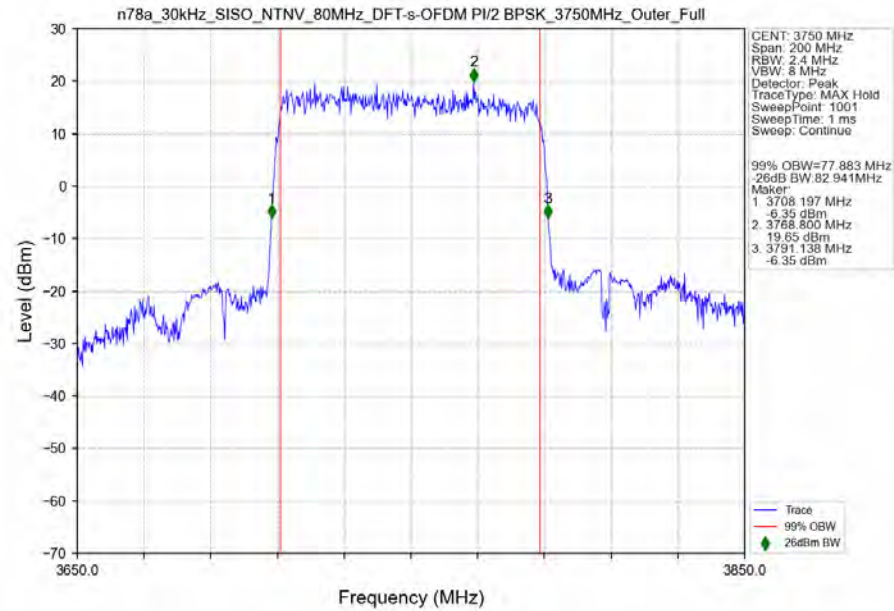


n78a_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant1

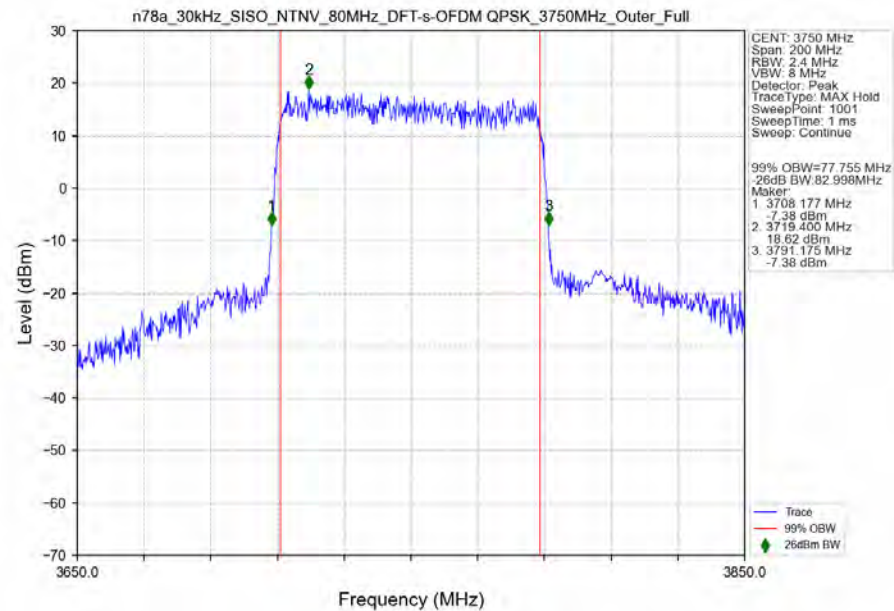


3.2.10 30k_SISO_80MHz_NTNV

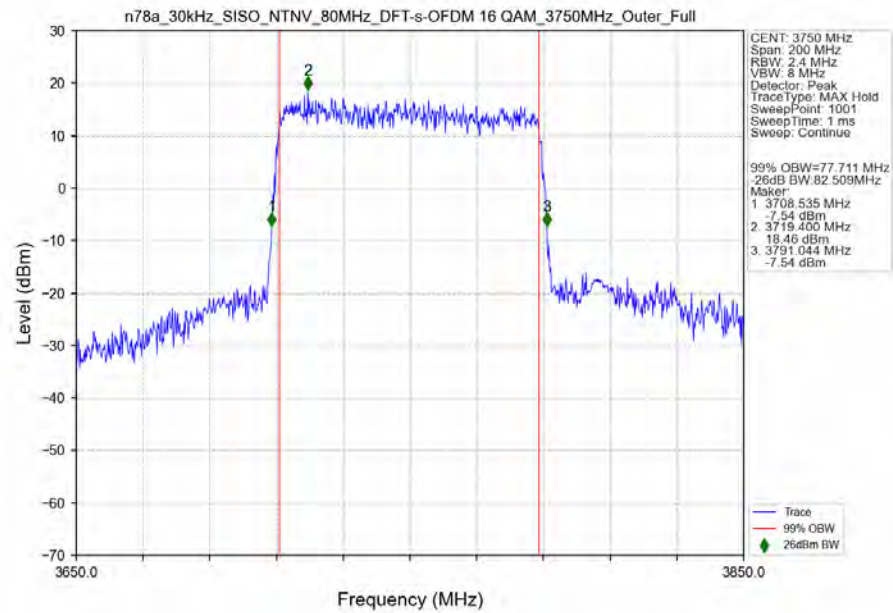
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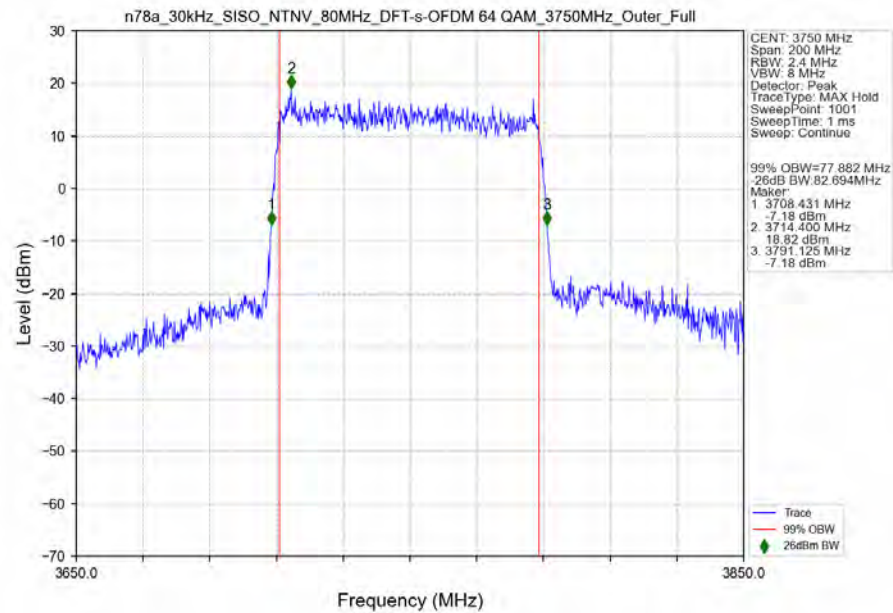
n78a_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3750MHz_Outer_Full_Ant1



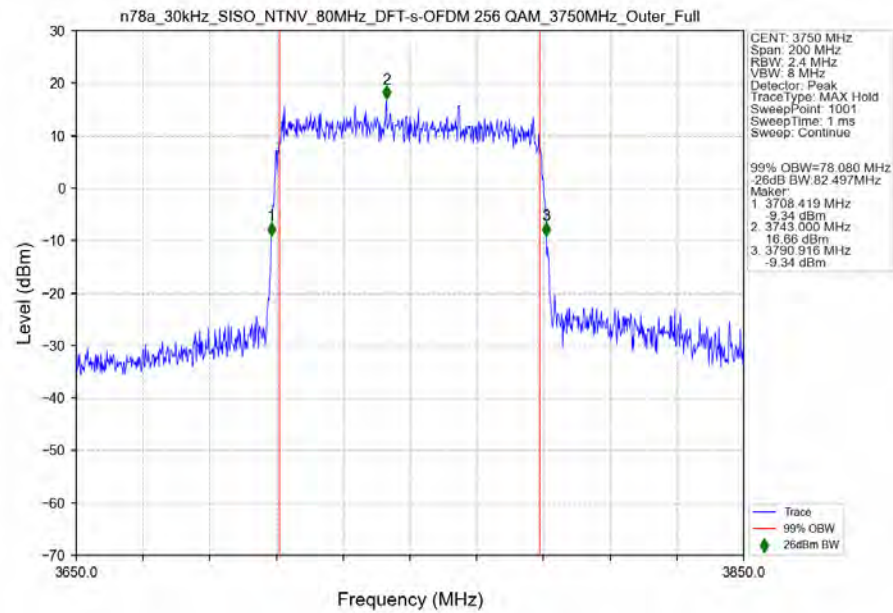
n78a 30kHz SISO NTN 80MHz DFT-s-OFDM 16 QAM 3750MHz Outer Full Ant1



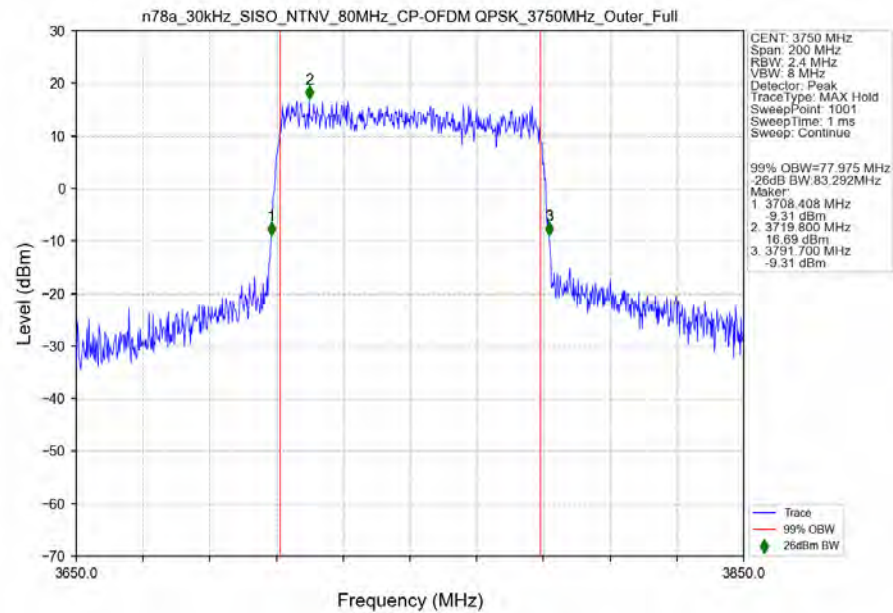
n78a 30kHz SISO NTN 80MHz DFT-s-OFDM 64 QAM 3750MHz Outer Full Ant1



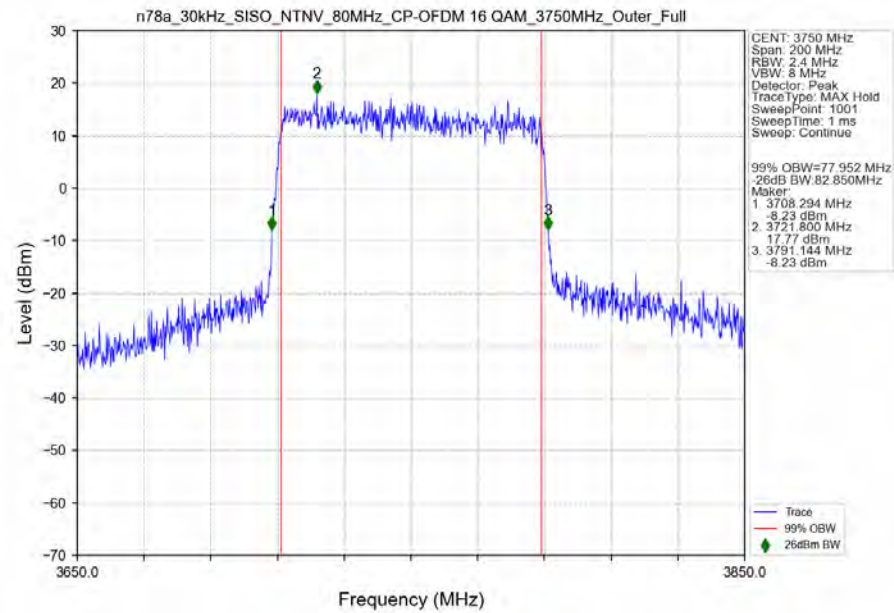
n78a 30kHz SISO NTN 80MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full Ant1



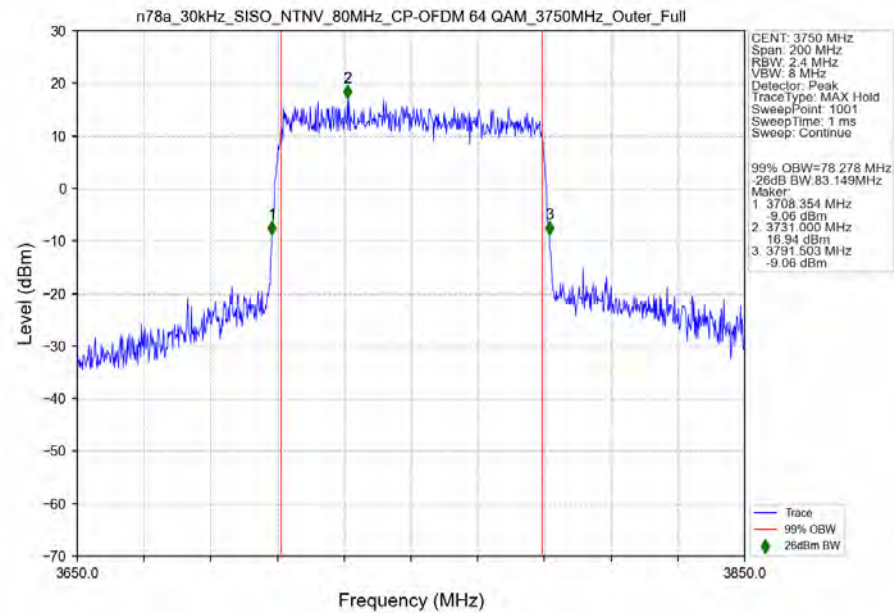
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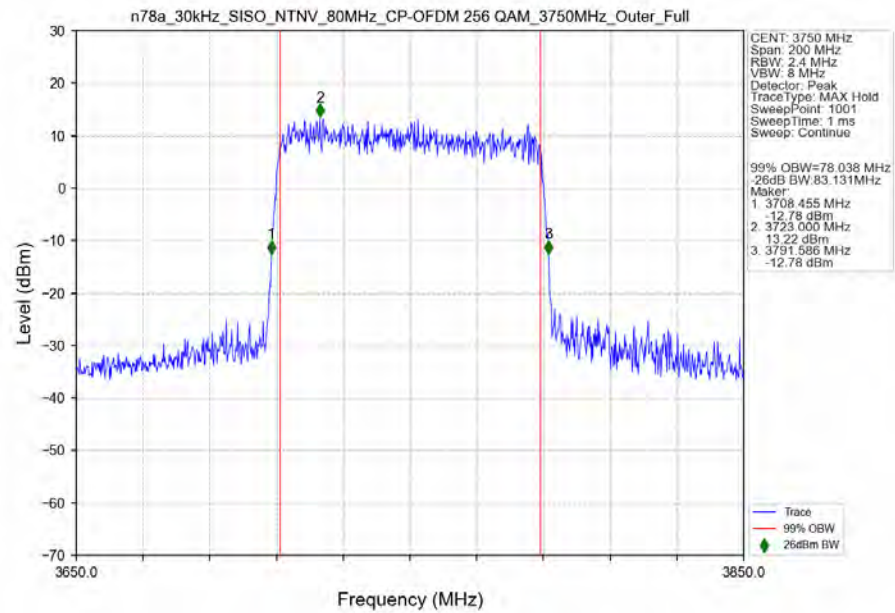
n78a 30kHz SISO NTN 80MHz CP-OFDM 16 QAM 3750MHz Outer Full Ant1



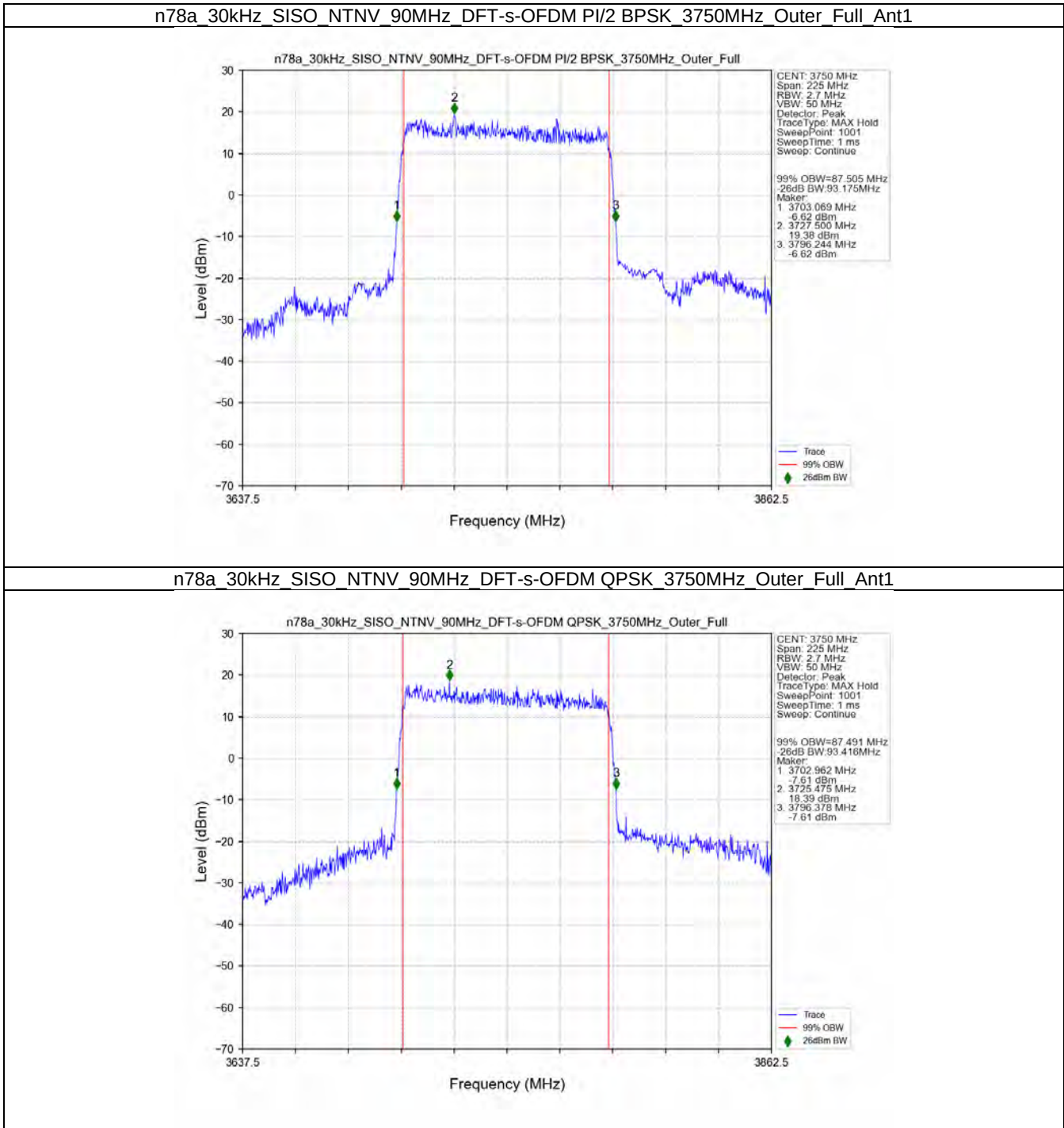
n78a 30kHz SISO NTN 80MHz CP-OFDM 64 QAM 3750MHz Outer Full Ant1



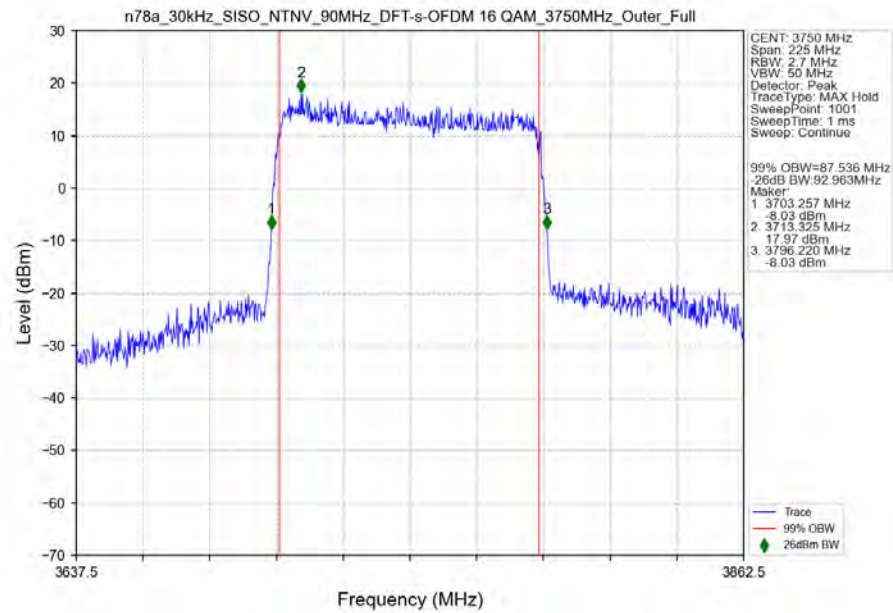
n78a_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant1



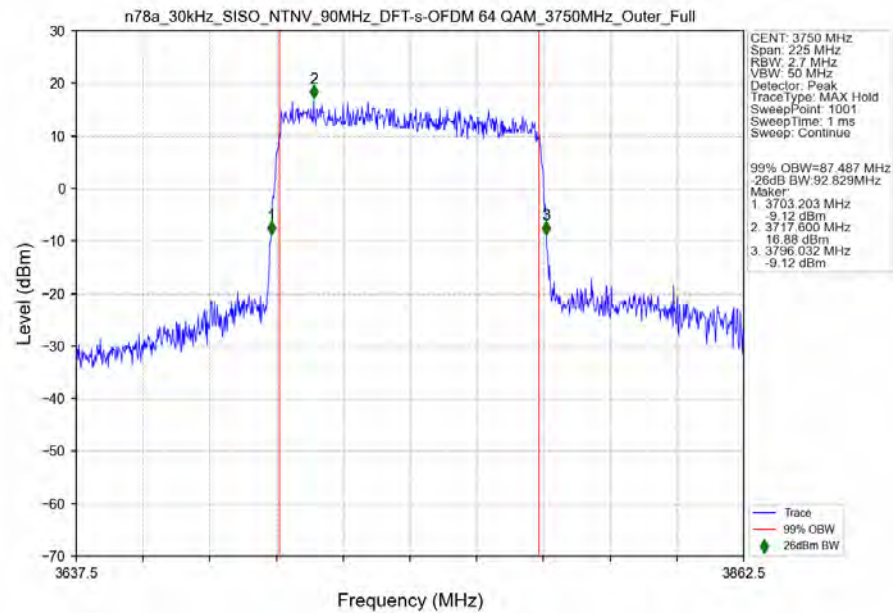
3.2.11 30k_SISO_90MHz_NTNV



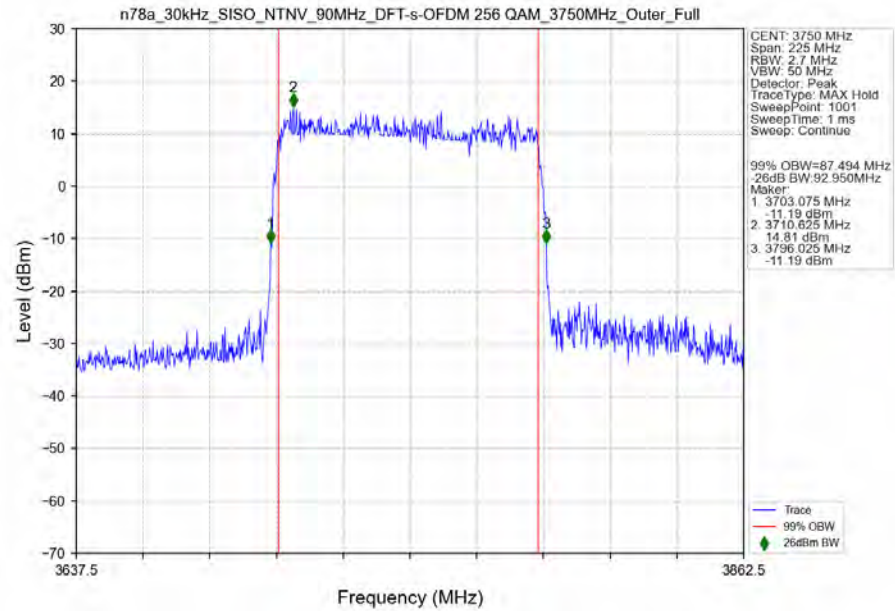
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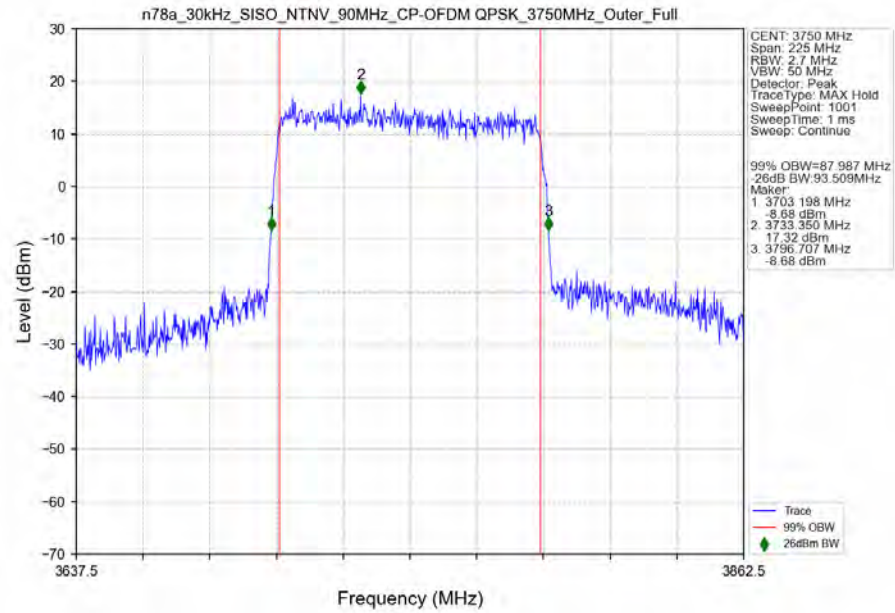
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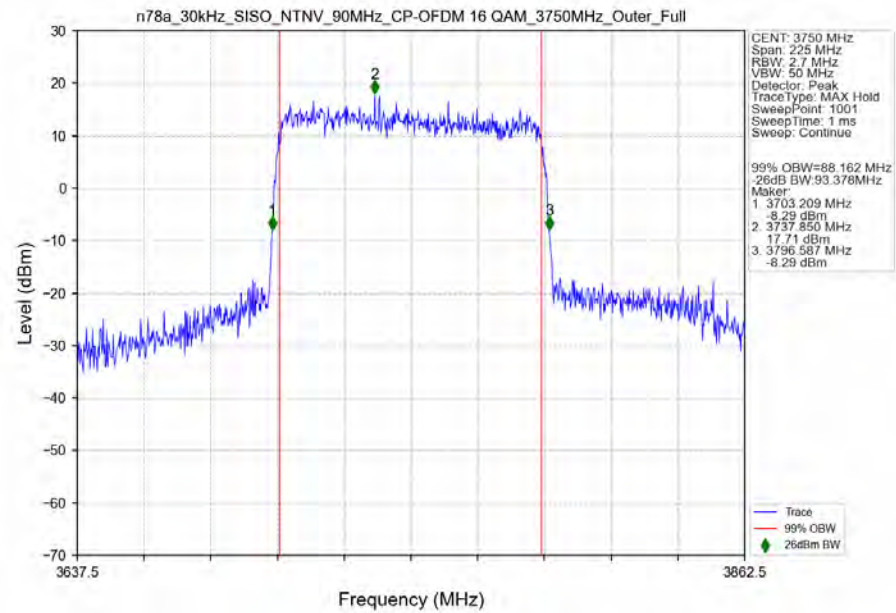
n78a 30kHz SISO NTN 90MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full Ant1



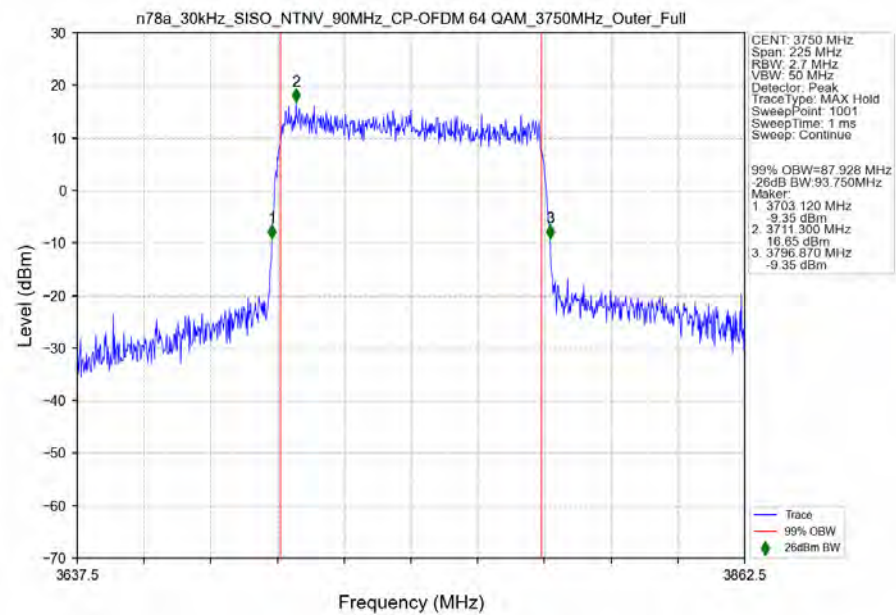
n78a 30kHz SISO NTN 90MHz CP-OFDM QPSK 3750MHz Outer Full Ant1



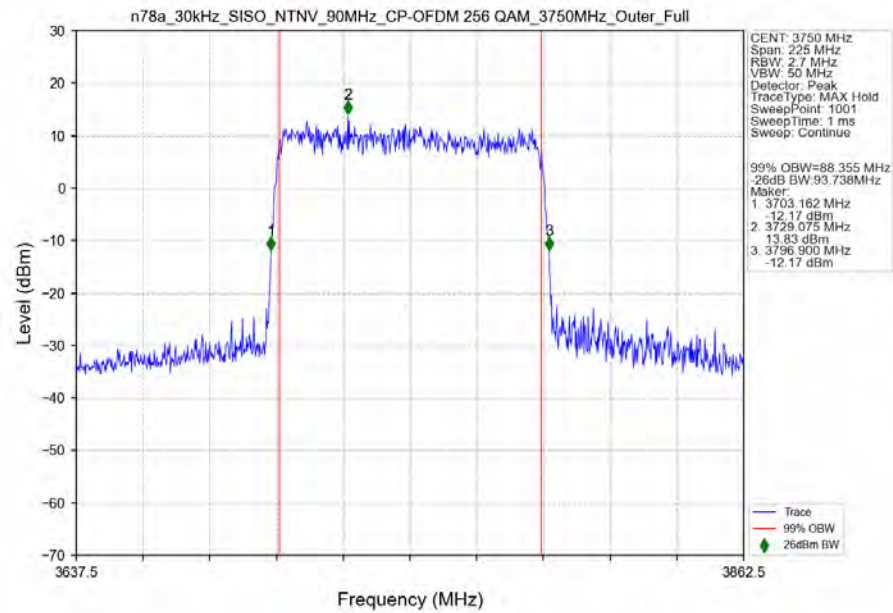
n78a 30kHz SISO NTN 90MHz CP-OFDM 16 QAM 3750MHz Outer Full Ant1



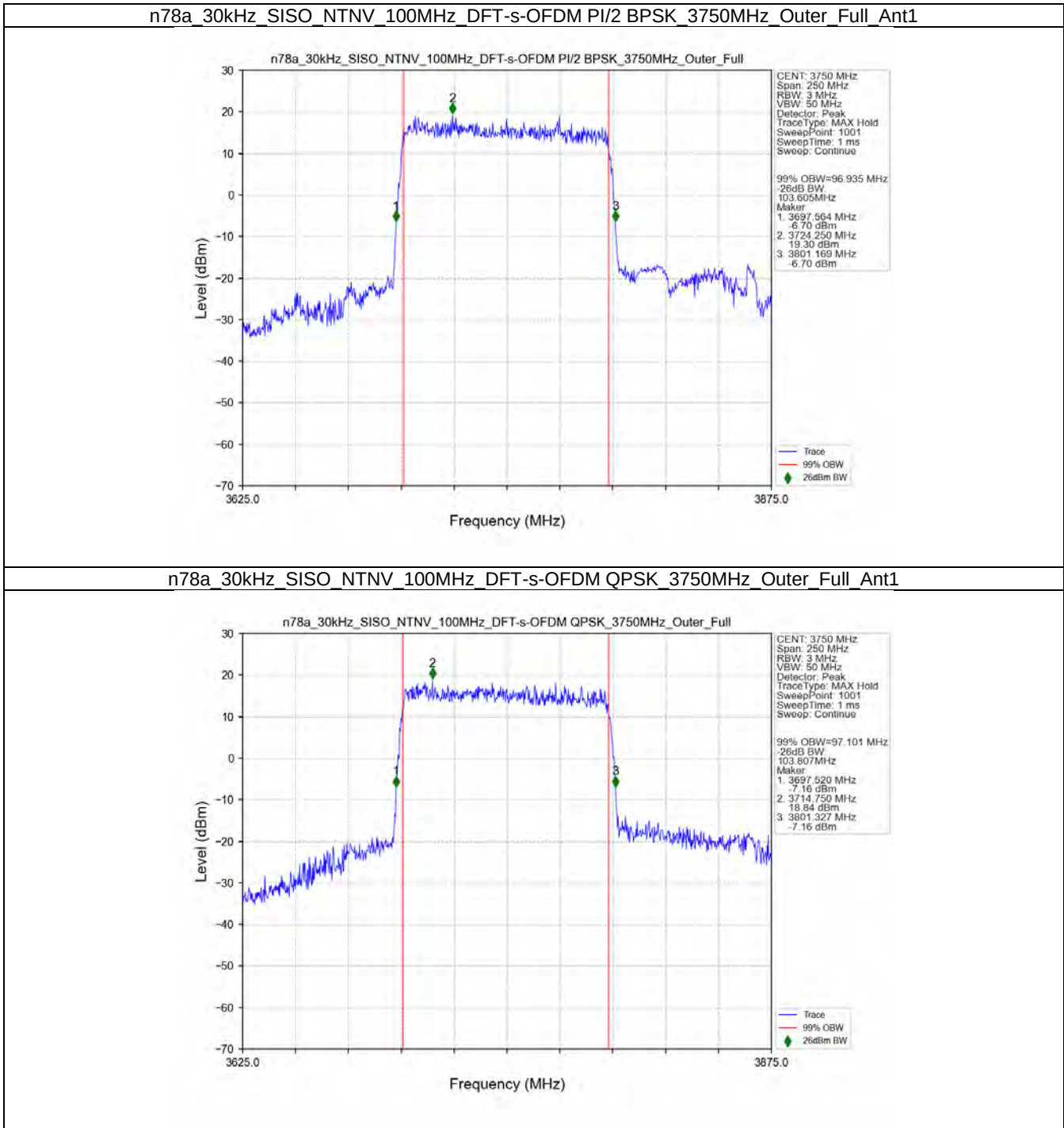
n78a 30kHz SISO NTN 90MHz CP-OFDM 64 QAM 3750MHz Outer Full Ant1



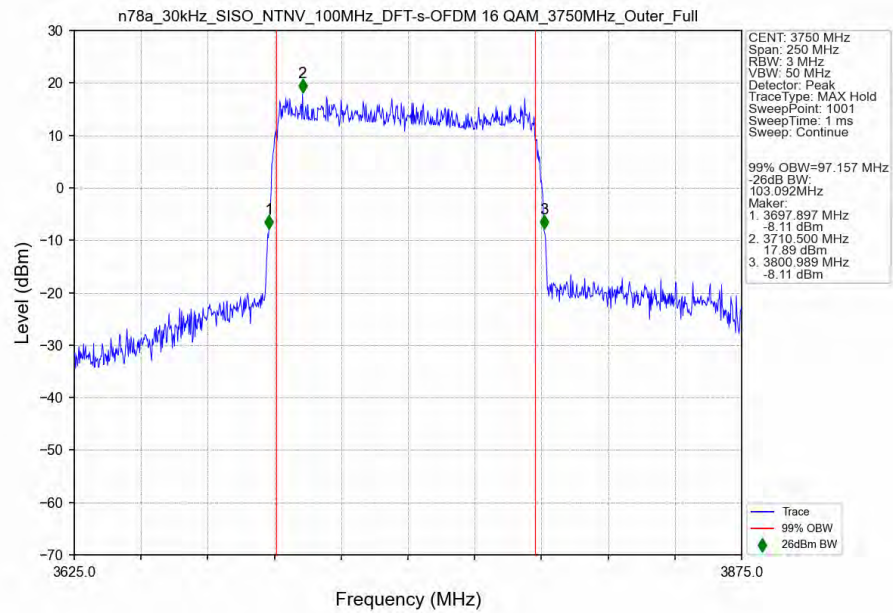
n78a_30kHz_SISO_NTNV_90MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant1



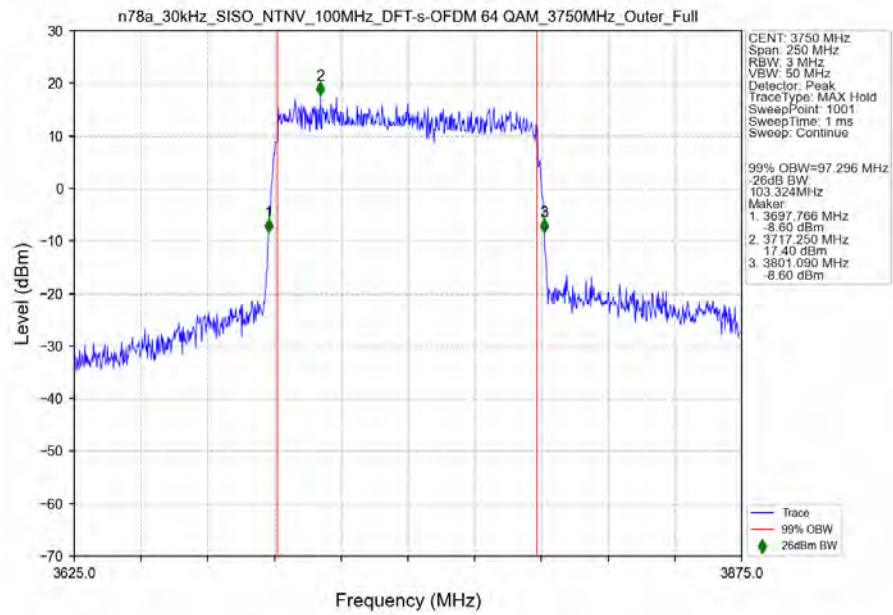
3.2.12 30k_SISO_100MHz_NTNV



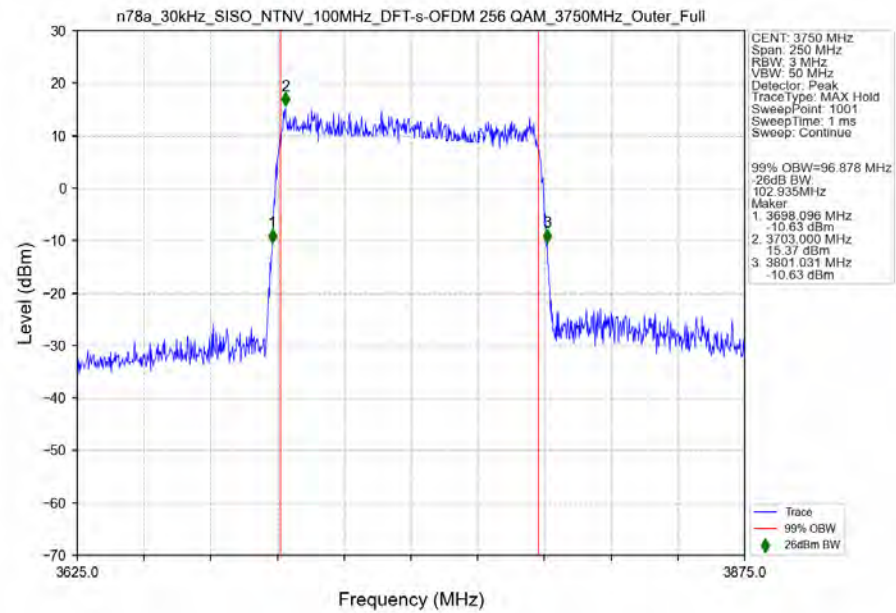
n78a 30kHz SISO NTN 100MHz DFT-s-OFDM 16 QAM 3750MHz Outer Full Ant1



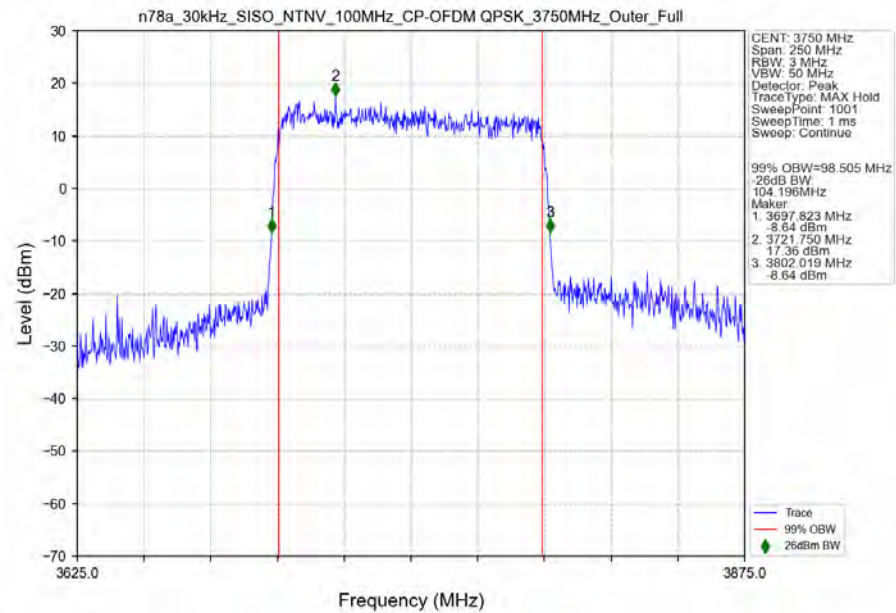
n78a 30kHz SISO NTN 100MHz DFT-s-OFDM 64 QAM 3750MHz Outer Full Ant1



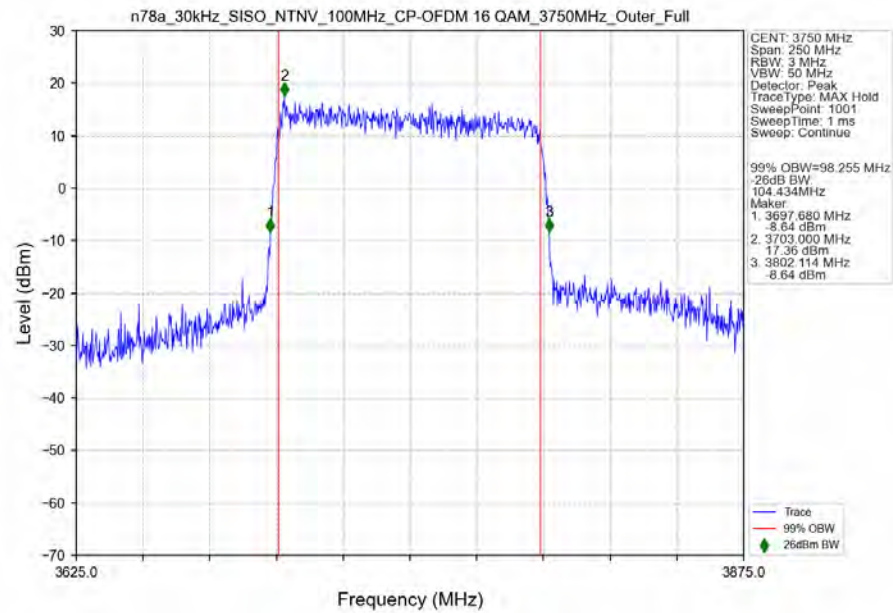
n78a_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM_256_QAM_3750MHz_Outer_Full_Ant1



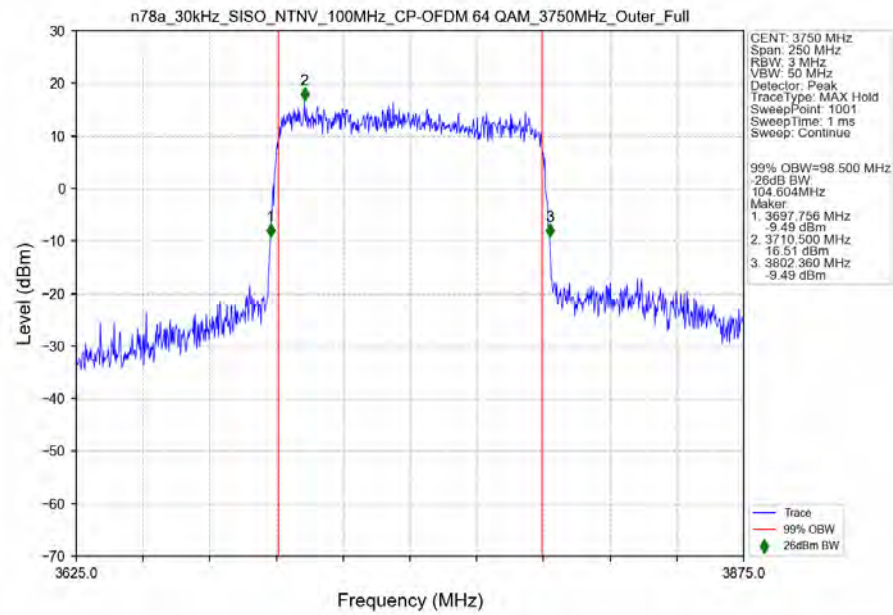
n78a_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3750MHz_Outer_Full_Ant1



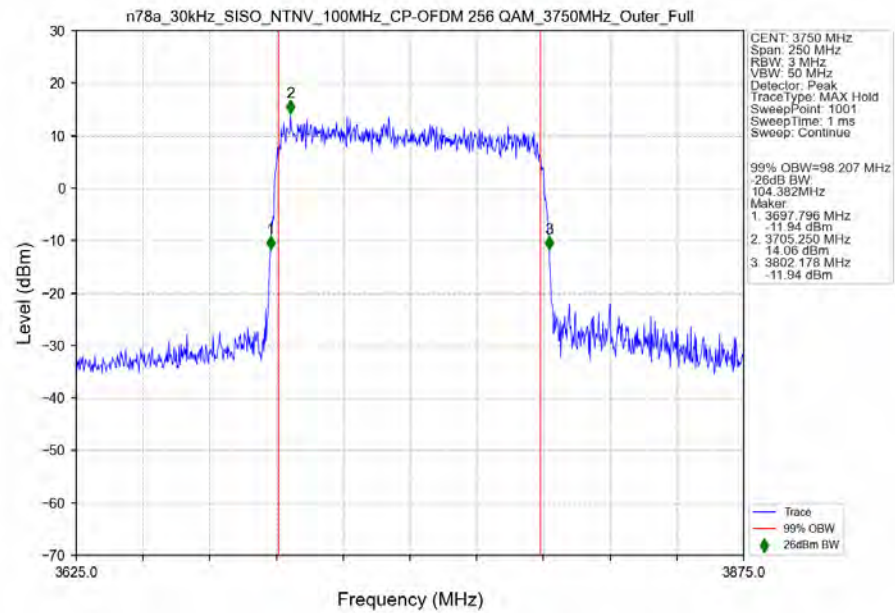
n78a_30kHz_SISO_NTNV_100MHz_CP-OFDM_16_QAM_3750MHz_Outer_Full_Ant1



n78a_30kHz_SISO_NTNV_100MHz_CP-OFDM_64_QAM_3750MHz_Outer_Full_Ant1



n78a_30kHz_SISO_NTNV_100MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant1



4. Peak-Average Ratio

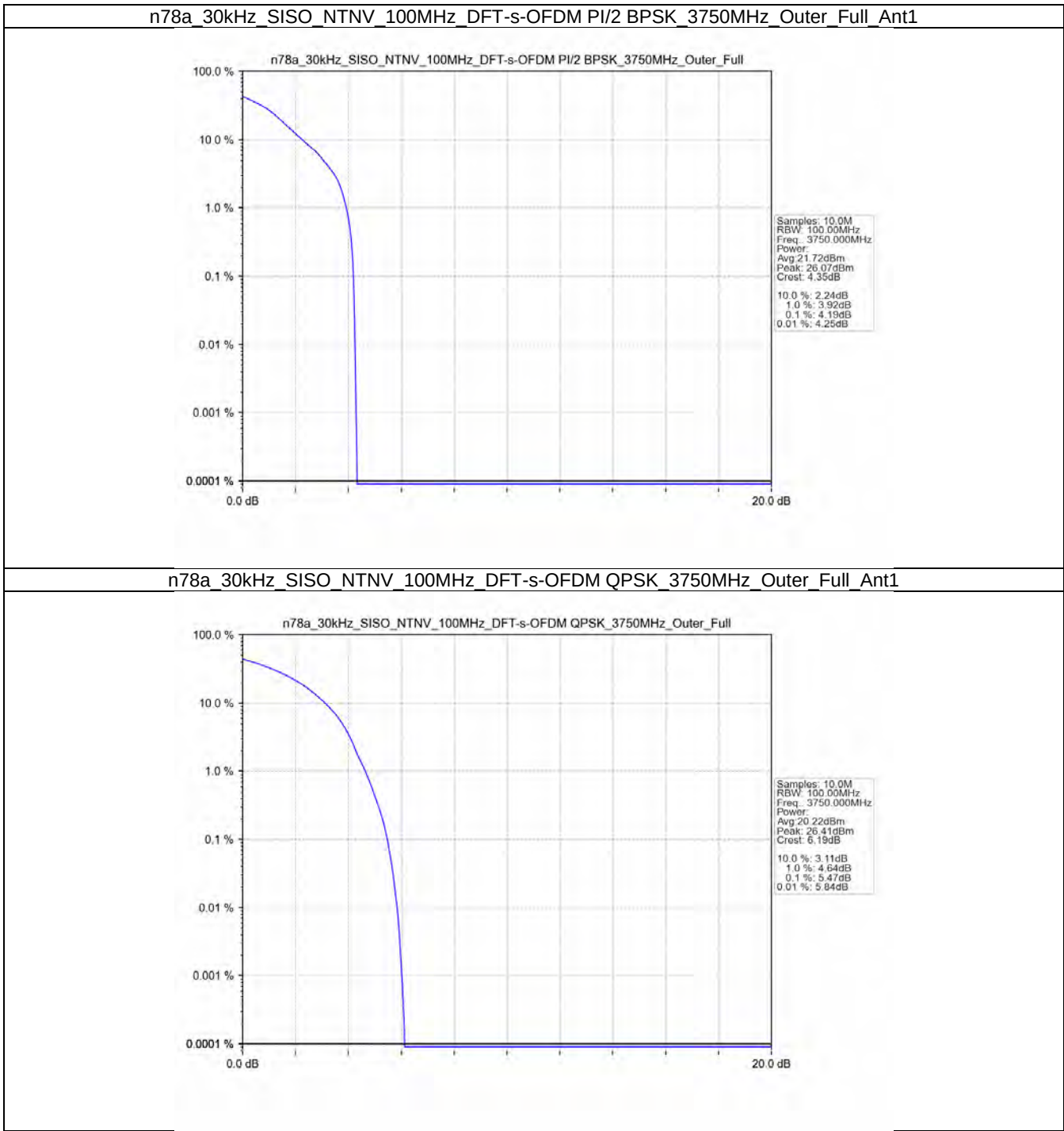
4.1 Test Result

4.1.1 30k_SISO_100MHz_NTNV

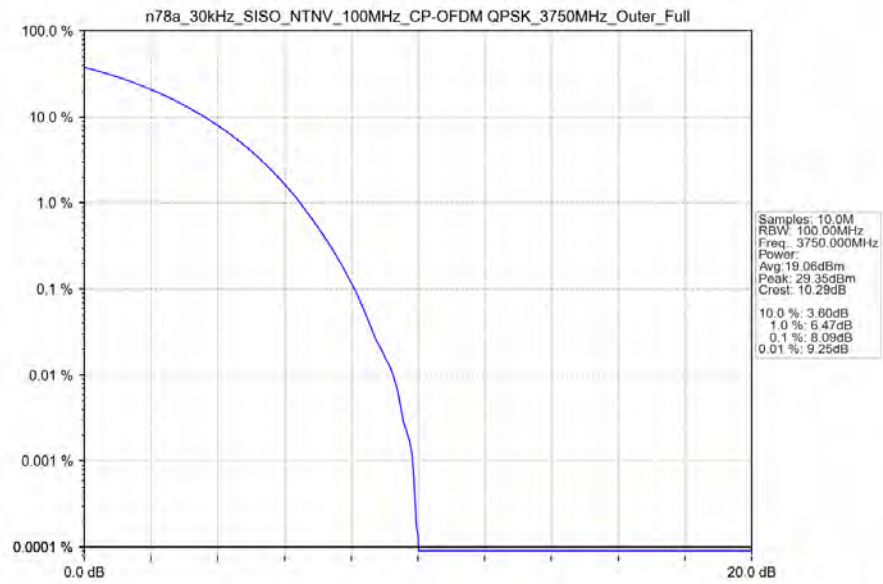
5G NR n78a SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	4.19	/	/	<=13	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	5.47	/	/	<=13	Pass
CP-OFDM QPSK	3750	Outer_Full	8.09	/	/	<=13	Pass

4.2 Test Graph

4.2.1 30k_SISO_100MHz_NTNV



n78a 30kHz SISO NTN 100MHz CP-OFDM QPSK 3750MHz Outer Full Ant1



5. Spurious Emission

5.1 Test Result

5.1.1 30k_SISO_10MHz_NTNV

5G NR n78a SCS=30kHz SISO 10MHz NTN							
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
	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			
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			
	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 NTN							
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
	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 NTN							
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
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

