

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30_S_10M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3705	Edge 1RB Left	22.56	/	/	16.38	/	/	<=30	Pass
		Edge 1RB Right	22.45	/	/	16.27	/	/	<=30	Pass
		Outer Full	25.59	/	/	19.41	/	/	<=30	Pass
		Inner Full	26.10	/	/	19.92	/	/	<=30	Pass
		Inner 1RB Left	26.00	/	/	19.82	/	/	<=30	Pass
		Inner 1RB Right	26.05	/	/	19.87	/	/	<=30	Pass
	3840	Edge 1RB Left	23.09	/	/	16.91	/	/	<=30	Pass
		Edge 1RB Right	22.98	/	/	16.80	/	/	<=30	Pass
		Outer Full	26.15	/	/	19.97	/	/	<=30	Pass
		Inner Full	26.67	/	/	20.49	/	/	<=30	Pass
		Inner 1RB Left	26.56	/	/	20.38	/	/	<=30	Pass
		Inner 1RB Right	26.54	/	/	20.36	/	/	<=30	Pass
	3975	Edge 1RB Left	23.24	/	/	17.06	/	/	<=30	Pass
		Edge 1RB Right	23.36	/	/	17.18	/	/	<=30	Pass
		Outer Full	26.45	/	/	20.27	/	/	<=30	Pass
		Inner Full	26.91	/	/	20.73	/	/	<=30	Pass
		Inner 1RB Left	26.75	/	/	20.57	/	/	<=30	Pass
		Inner 1RB Right	26.92	/	/	20.74	/	/	<=30	Pass
DFT-s-OFDM QPSK	3705	Edge 1RB Left	22.47	/	/	16.29	/	/	<=30	Pass
		Edge 1RB Right	22.42	/	/	16.24	/	/	<=30	Pass
		Outer Full	25.04	/	/	18.86	/	/	<=30	Pass
		Inner Full	26.12	/	/	19.94	/	/	<=30	Pass
		Inner 1RB Left	26.01	/	/	19.83	/	/	<=30	Pass
		Inner 1RB Right	26.01	/	/	19.83	/	/	<=30	Pass
	3840	Edge 1RB Left	23.05	/	/	16.87	/	/	<=30	Pass
		Edge 1RB Right	22.94	/	/	16.76	/	/	<=30	Pass
		Outer Full	25.60	/	/	19.42	/	/	<=30	Pass
		Inner Full	26.63	/	/	20.45	/	/	<=30	Pass
		Inner 1RB Left	26.54	/	/	20.36	/	/	<=30	Pass
		Inner 1RB Right	26.53	/	/	20.35	/	/	<=30	Pass
	3975	Edge 1RB Left	23.26	/	/	17.08	/	/	<=30	Pass
		Edge 1RB Right	23.35	/	/	17.17	/	/	<=30	Pass
		Outer Full	25.99	/	/	19.81	/	/	<=30	Pass
		Inner Full	26.95	/	/	20.77	/	/	<=30	Pass
		Inner 1RB Left	26.74	/	/	20.56	/	/	<=30	Pass
		Inner 1RB Right	26.94	/	/	20.76	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3705	Edge 1RB Left	22.39	/	/	16.21	/	/	<=30	Pass
		Edge 1RB Right	22.34	/	/	16.16	/	/	<=30	Pass
		Outer Full	24.09	/	/	17.91	/	/	<=30	Pass
		Inner Full	25.06	/	/	18.88	/	/	<=30	Pass
		Inner 1RB Left	24.87	/	/	18.69	/	/	<=30	Pass
		Inner 1RB Right	24.80	/	/	18.62	/	/	<=30	Pass
	3840	Edge 1RB Left	22.94	/	/	16.76	/	/	<=30	Pass
		Edge 1RB Right	22.88	/	/	16.70	/	/	<=30	Pass
		Outer Full	24.64	/	/	18.46	/	/	<=30	Pass
		Inner Full	25.57	/	/	19.39	/	/	<=30	Pass
		Inner 1RB Left	25.45	/	/	19.27	/	/	<=30	Pass
		Inner 1RB Right	25.42	/	/	19.24	/	/	<=30	Pass
	3975	Edge 1RB Left	23.24	/	/	17.06	/	/	<=30	Pass

		Edge_1RB_Right	23.31	/	/	17.13	/	/	<=30	Pass
		Outer_Full	25.01	/	/	18.83	/	/	<=30	Pass
		Inner_Full	25.85	/	/	19.67	/	/	<=30	Pass
		Inner_1RB_Left	25.65	/	/	19.47	/	/	<=30	Pass
		Inner_1RB_Right	25.85	/	/	19.67	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3705	Edge_1RB_Left	22.46	/	/	16.28	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	16.28	/	/	<=30	Pass
		Outer_Full	23.59	/	/	17.41	/	/	<=30	Pass
		Inner_Full	23.58	/	/	17.40	/	/	<=30	Pass
		Inner_1RB_Left	23.53	/	/	17.35	/	/	<=30	Pass
		Inner_1RB_Right	23.51	/	/	17.33	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.05	/	/	16.87	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	16.79	/	/	<=30	Pass
		Outer_Full	24.11	/	/	17.93	/	/	<=30	Pass
		Inner_Full	24.10	/	/	17.92	/	/	<=30	Pass
		Inner_1RB_Left	24.16	/	/	17.98	/	/	<=30	Pass
		Inner_1RB_Right	24.03	/	/	17.85	/	/	<=30	Pass
	3975	Edge_1RB_Left	23.27	/	/	17.09	/	/	<=30	Pass
		Edge_1RB_Right	23.43	/	/	17.25	/	/	<=30	Pass
		Outer_Full	24.46	/	/	18.28	/	/	<=30	Pass
		Inner_Full	24.44	/	/	18.26	/	/	<=30	Pass
		Inner_1RB_Left	24.31	/	/	18.13	/	/	<=30	Pass
		Inner_1RB_Right	24.52	/	/	18.34	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3705	Edge_1RB_Left	21.54	/	/	15.36	/	/	<=30	Pass
		Edge_1RB_Right	21.54	/	/	15.36	/	/	<=30	Pass
		Outer_Full	21.54	/	/	15.36	/	/	<=30	Pass
		Inner_Full	21.62	/	/	15.44	/	/	<=30	Pass
		Inner_1RB_Left	21.62	/	/	15.44	/	/	<=30	Pass
		Inner_1RB_Right	21.55	/	/	15.37	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.09	/	/	15.91	/	/	<=30	Pass
		Edge_1RB_Right	21.99	/	/	15.81	/	/	<=30	Pass
		Outer_Full	22.09	/	/	15.91	/	/	<=30	Pass
		Inner_Full	22.20	/	/	16.02	/	/	<=30	Pass
		Inner_1RB_Left	22.13	/	/	15.95	/	/	<=30	Pass
		Inner_1RB_Right	22.06	/	/	15.88	/	/	<=30	Pass
	3975	Edge_1RB_Left	22.24	/	/	16.06	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	16.20	/	/	<=30	Pass
		Outer_Full	22.44	/	/	16.26	/	/	<=30	Pass
		Inner_Full	22.53	/	/	16.35	/	/	<=30	Pass
		Inner_1RB_Left	22.19	/	/	16.01	/	/	<=30	Pass
		Inner_1RB_Right	22.43	/	/	16.25	/	/	<=30	Pass
CP-OFDM QPSK	3705	Edge_1RB_Left	22.60	/	/	16.42	/	/	<=30	Pass
		Edge_1RB_Right	22.50	/	/	16.32	/	/	<=30	Pass
		Outer_Full	22.98	/	/	16.80	/	/	<=30	Pass
		Inner_Full	24.63	/	/	18.45	/	/	<=30	Pass
		Inner_1RB_Left	24.63	/	/	18.45	/	/	<=30	Pass
		Inner_1RB_Right	24.55	/	/	18.37	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.20	/	/	17.02	/	/	<=30	Pass
		Edge_1RB_Right	22.98	/	/	16.80	/	/	<=30	Pass
		Outer_Full	23.59	/	/	17.41	/	/	<=30	Pass
		Inner_Full	25.13	/	/	18.95	/	/	<=30	Pass
		Inner_1RB_Left	25.09	/	/	18.91	/	/	<=30	Pass
		Inner_1RB_Right	24.93	/	/	18.75	/	/	<=30	Pass
	3975	Edge_1RB_Left	23.40	/	/	17.22	/	/	<=30	Pass
		Edge_1RB_Right	23.44	/	/	17.26	/	/	<=30	Pass
		Outer_Full	23.86	/	/	17.68	/	/	<=30	Pass
		Inner_Full	25.49	/	/	19.31	/	/	<=30	Pass
		Inner_1RB_Left	25.39	/	/	19.21	/	/	<=30	Pass
		Inner_1RB_Right	25.50	/	/	19.32	/	/	<=30	Pass

CP-OFDM 16 QAM	3705	Edge_1RB_Left	22.37	/	/	16.19	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	16.14	/	/	<=30	Pass
		Outer_Full	23.11	/	/	16.93	/	/	<=30	Pass
		Inner_Full	24.05	/	/	17.87	/	/	<=30	Pass
		Inner_1RB_Left	23.92	/	/	17.74	/	/	<=30	Pass
		Inner_1RB_Right	23.97	/	/	17.79	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.94	/	/	16.76	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	16.63	/	/	<=30	Pass
		Outer_Full	23.62	/	/	17.44	/	/	<=30	Pass
		Inner_Full	24.55	/	/	18.37	/	/	<=30	Pass
		Inner_1RB_Left	24.53	/	/	18.35	/	/	<=30	Pass
		Inner_1RB_Right	24.41	/	/	18.23	/	/	<=30	Pass
	3975	Edge_1RB_Left	23.21	/	/	17.03	/	/	<=30	Pass
		Edge_1RB_Right	23.36	/	/	17.18	/	/	<=30	Pass
		Outer_Full	23.96	/	/	17.78	/	/	<=30	Pass
		Inner_Full	24.94	/	/	18.76	/	/	<=30	Pass
		Inner_1RB_Left	24.77	/	/	18.59	/	/	<=30	Pass
		Inner_1RB_Right	24.96	/	/	18.78	/	/	<=30	Pass
CP-OFDM 64 QAM	3705	Edge_1RB_Left	22.53	/	/	16.35	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	16.36	/	/	<=30	Pass
		Outer_Full	22.55	/	/	16.37	/	/	<=30	Pass
		Inner_Full	22.55	/	/	16.37	/	/	<=30	Pass
		Inner_1RB_Left	22.59	/	/	16.41	/	/	<=30	Pass
		Inner_1RB_Right	22.48	/	/	16.30	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.10	/	/	16.92	/	/	<=30	Pass
		Edge_1RB_Right	23.05	/	/	16.87	/	/	<=30	Pass
		Outer_Full	23.13	/	/	16.95	/	/	<=30	Pass
		Inner_Full	23.11	/	/	16.93	/	/	<=30	Pass
		Inner_1RB_Left	23.13	/	/	16.95	/	/	<=30	Pass
		Inner_1RB_Right	23.07	/	/	16.89	/	/	<=30	Pass
	3975	Edge_1RB_Left	23.29	/	/	17.11	/	/	<=30	Pass
		Edge_1RB_Right	23.44	/	/	17.26	/	/	<=30	Pass
		Outer_Full	23.42	/	/	17.24	/	/	<=30	Pass
		Inner_Full	23.47	/	/	17.29	/	/	<=30	Pass
		Inner_1RB_Left	23.27	/	/	17.09	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	17.27	/	/	<=30	Pass
CP-OFDM 256 QAM	3705	Edge_1RB_Left	19.50	/	/	13.32	/	/	<=30	Pass
		Edge_1RB_Right	19.55	/	/	13.37	/	/	<=30	Pass
		Outer_Full	19.56	/	/	13.38	/	/	<=30	Pass
		Inner_Full	19.62	/	/	13.44	/	/	<=30	Pass
		Inner_1RB_Left	19.54	/	/	13.36	/	/	<=30	Pass
		Inner_1RB_Right	19.51	/	/	13.33	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.13	/	/	13.95	/	/	<=30	Pass
		Edge_1RB_Right	20.14	/	/	13.96	/	/	<=30	Pass
		Outer_Full	20.10	/	/	13.92	/	/	<=30	Pass
		Inner_Full	20.20	/	/	14.02	/	/	<=30	Pass
		Inner_1RB_Left	20.19	/	/	14.01	/	/	<=30	Pass
		Inner_1RB_Right	20.09	/	/	13.91	/	/	<=30	Pass
	3975	Edge_1RB_Left	20.35	/	/	14.17	/	/	<=30	Pass
		Edge_1RB_Right	20.44	/	/	14.26	/	/	<=30	Pass
		Outer_Full	20.47	/	/	14.29	/	/	<=30	Pass
		Inner_Full	20.54	/	/	14.36	/	/	<=30	Pass
		Inner_1RB_Left	20.33	/	/	14.15	/	/	<=30	Pass
		Inner_1RB_Right	20.48	/	/	14.30	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -6.18dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30_S_20M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3710.01	Edge_1RB_Left	22.65	/	/	16.47	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	16.42	/	/	<=30	Pass
		Outer_Full	25.60	/	/	19.42	/	/	<=30	Pass
		Inner_Full	26.11	/	/	19.93	/	/	<=30	Pass
		Inner_1RB_Left	26.16	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Right	26.09	/	/	19.91	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.19	/	/	17.01	/	/	<=30	Pass
		Edge_1RB_Right	22.98	/	/	16.80	/	/	<=30	Pass
		Outer_Full	26.18	/	/	20.00	/	/	<=30	Pass
		Inner_Full	26.67	/	/	20.49	/	/	<=30	Pass
		Inner_1RB_Left	26.67	/	/	20.49	/	/	<=30	Pass
		Inner_1RB_Right	26.56	/	/	20.38	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	23.21	/	/	17.03	/	/	<=30	Pass
		Edge_1RB_Right	23.48	/	/	17.30	/	/	<=30	Pass
		Outer_Full	26.40	/	/	20.22	/	/	<=30	Pass
		Inner_Full	26.91	/	/	20.73	/	/	<=30	Pass
		Inner_1RB_Left	26.75	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Right	26.88	/	/	20.70	/	/	<=30	Pass
DFT-s-OFDM QPSK	3710.01	Edge_1RB_Left	22.62	/	/	16.44	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	16.39	/	/	<=30	Pass
		Outer_Full	25.11	/	/	18.93	/	/	<=30	Pass
		Inner_Full	26.13	/	/	19.95	/	/	<=30	Pass
		Inner_1RB_Left	26.12	/	/	19.94	/	/	<=30	Pass
		Inner_1RB_Right	26.08	/	/	19.90	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.17	/	/	16.99	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	16.76	/	/	<=30	Pass
		Outer_Full	25.71	/	/	19.53	/	/	<=30	Pass
		Inner_Full	26.68	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Left	26.65	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Right	26.53	/	/	20.35	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	23.16	/	/	16.98	/	/	<=30	Pass
		Edge_1RB_Right	23.43	/	/	17.25	/	/	<=30	Pass
		Outer_Full	25.91	/	/	19.73	/	/	<=30	Pass
		Inner_Full	26.86	/	/	20.68	/	/	<=30	Pass
		Inner_1RB_Left	26.68	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Right	26.95	/	/	20.77	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Edge_1RB_Left	22.54	/	/	16.36	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	16.24	/	/	<=30	Pass
		Outer_Full	24.08	/	/	17.90	/	/	<=30	Pass
		Inner_Full	25.16	/	/	18.98	/	/	<=30	Pass
		Inner_1RB_Left	25.03	/	/	18.85	/	/	<=30	Pass
		Inner_1RB_Right	24.96	/	/	18.78	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.06	/	/	16.88	/	/	<=30	Pass
		Edge_1RB_Right	22.85	/	/	16.67	/	/	<=30	Pass
		Outer_Full	24.71	/	/	18.53	/	/	<=30	Pass
		Inner_Full	25.72	/	/	19.54	/	/	<=30	Pass
		Inner_1RB_Left	25.54	/	/	19.36	/	/	<=30	Pass
		Inner_1RB_Right	25.37	/	/	19.19	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	23.06	/	/	16.88	/	/	<=30	Pass
		Edge_1RB_Right	23.22	/	/	17.04	/	/	<=30	Pass
		Outer_Full	24.94	/	/	18.76	/	/	<=30	Pass
		Inner_Full	25.90	/	/	19.72	/	/	<=30	Pass
		Inner_1RB_Left	25.52	/	/	19.34	/	/	<=30	Pass
		Inner_1RB_Right	25.85	/	/	19.67	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3710.01	Edge_1RB_Left	22.75	/	/	16.57	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	16.40	/	/	<=30	Pass

		Outer_Full	23.60	/	/	17.42	/	/	<=30	Pass
		Inner_Full	23.66	/	/	17.48	/	/	<=30	Pass
		Inner_1RB_Left	23.74	/	/	17.56	/	/	<=30	Pass
		Inner_1RB_Right	23.56	/	/	17.38	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.13	/	/	16.95	/	/	<=30	Pass
		Edge_1RB_Right	22.95	/	/	16.77	/	/	<=30	Pass
		Outer_Full	24.14	/	/	17.96	/	/	<=30	Pass
		Inner_Full	24.16	/	/	17.98	/	/	<=30	Pass
		Inner_1RB_Left	24.20	/	/	18.02	/	/	<=30	Pass
		Inner_1RB_Right	24.05	/	/	17.87	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	23.14	/	/	16.96	/	/	<=30	Pass
		Edge_1RB_Right	23.38	/	/	17.20	/	/	<=30	Pass
		Outer_Full	24.40	/	/	18.22	/	/	<=30	Pass
		Inner_Full	24.44	/	/	18.26	/	/	<=30	Pass
		Inner_1RB_Left	24.17	/	/	17.99	/	/	<=30	Pass
		Inner_1RB_Right	24.47	/	/	18.29	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3710.01	Edge_1RB_Left	21.75	/	/	15.57	/	/	<=30	Pass
		Edge_1RB_Right	21.56	/	/	15.38	/	/	<=30	Pass
		Outer_Full	21.56	/	/	15.38	/	/	<=30	Pass
		Inner_Full	21.66	/	/	15.48	/	/	<=30	Pass
		Inner_1RB_Left	21.72	/	/	15.54	/	/	<=30	Pass
		Inner_1RB_Right	21.58	/	/	15.40	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.25	/	/	16.07	/	/	<=30	Pass
		Edge_1RB_Right	22.09	/	/	15.91	/	/	<=30	Pass
		Outer_Full	22.14	/	/	15.96	/	/	<=30	Pass
		Inner_Full	22.20	/	/	16.02	/	/	<=30	Pass
		Inner_1RB_Left	22.25	/	/	16.07	/	/	<=30	Pass
		Inner_1RB_Right	22.10	/	/	15.92	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	22.24	/	/	16.06	/	/	<=30	Pass
		Edge_1RB_Right	22.49	/	/	16.31	/	/	<=30	Pass
		Outer_Full	22.39	/	/	16.21	/	/	<=30	Pass
		Inner_Full	22.44	/	/	16.26	/	/	<=30	Pass
		Inner_1RB_Left	22.20	/	/	16.02	/	/	<=30	Pass
		Inner_1RB_Right	22.49	/	/	16.31	/	/	<=30	Pass
CP-OFDM QPSK	3710.01	Edge_1RB_Left	22.80	/	/	16.62	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	16.58	/	/	<=30	Pass
		Outer_Full	23.12	/	/	16.94	/	/	<=30	Pass
		Inner_Full	24.60	/	/	18.42	/	/	<=30	Pass
		Inner_1RB_Left	24.78	/	/	18.60	/	/	<=30	Pass
		Inner_1RB_Right	24.74	/	/	18.56	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.25	/	/	17.07	/	/	<=30	Pass
		Edge_1RB_Right	23.13	/	/	16.95	/	/	<=30	Pass
		Outer_Full	23.70	/	/	17.52	/	/	<=30	Pass
		Inner_Full	25.21	/	/	19.03	/	/	<=30	Pass
		Inner_1RB_Left	25.29	/	/	19.11	/	/	<=30	Pass
		Inner_1RB_Right	25.06	/	/	18.88	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	23.28	/	/	17.10	/	/	<=30	Pass
		Edge_1RB_Right	23.54	/	/	17.36	/	/	<=30	Pass
		Outer_Full	23.84	/	/	17.66	/	/	<=30	Pass
		Inner_Full	25.40	/	/	19.22	/	/	<=30	Pass
		Inner_1RB_Left	25.27	/	/	19.09	/	/	<=30	Pass
		Inner_1RB_Right	25.59	/	/	19.41	/	/	<=30	Pass
CP-OFDM 16 QAM	3710.01	Edge_1RB_Left	22.56	/	/	16.38	/	/	<=30	Pass
		Edge_1RB_Right	22.49	/	/	16.31	/	/	<=30	Pass
		Outer_Full	23.09	/	/	16.91	/	/	<=30	Pass
		Inner_Full	24.11	/	/	17.93	/	/	<=30	Pass
		Inner_1RB_Left	24.14	/	/	17.96	/	/	<=30	Pass
		Inner_1RB_Right	23.98	/	/	17.80	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.05	/	/	16.87	/	/	<=30	Pass

		Edge_1RB_Right	22.94	/	/	16.76	/	/	<=30	Pass
		Outer_Full	23.63	/	/	17.45	/	/	<=30	Pass
		Inner_Full	24.71	/	/	18.53	/	/	<=30	Pass
		Inner_1RB_Left	24.74	/	/	18.56	/	/	<=30	Pass
		Inner_1RB_Right	24.55	/	/	18.37	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	23.08	/	/	16.90	/	/	<=30	Pass
		Edge_1RB_Right	23.32	/	/	17.14	/	/	<=30	Pass
		Outer_Full	23.94	/	/	17.76	/	/	<=30	Pass
		Inner_Full	24.86	/	/	18.68	/	/	<=30	Pass
		Inner_1RB_Left	24.70	/	/	18.52	/	/	<=30	Pass
	Inner_1RB_Right	24.92	/	/	18.74	/	/	<=30	Pass	
CP-OFDM 64 QAM	3710.01	Edge_1RB_Left	22.63	/	/	16.45	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	16.30	/	/	<=30	Pass
		Outer_Full	22.57	/	/	16.39	/	/	<=30	Pass
		Inner_Full	22.62	/	/	16.44	/	/	<=30	Pass
		Inner_1RB_Left	22.67	/	/	16.49	/	/	<=30	Pass
		Inner_1RB_Right	22.61	/	/	16.43	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.15	/	/	16.97	/	/	<=30	Pass
		Edge_1RB_Right	23.01	/	/	16.83	/	/	<=30	Pass
		Outer_Full	23.14	/	/	16.96	/	/	<=30	Pass
		Inner_Full	23.22	/	/	17.04	/	/	<=30	Pass
		Inner_1RB_Left	23.22	/	/	17.04	/	/	<=30	Pass
		Inner_1RB_Right	23.07	/	/	16.89	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	23.23	/	/	17.05	/	/	<=30	Pass
		Edge_1RB_Right	23.47	/	/	17.29	/	/	<=30	Pass
		Outer_Full	23.38	/	/	17.20	/	/	<=30	Pass
		Inner_Full	23.46	/	/	17.28	/	/	<=30	Pass
Inner_1RB_Left		23.23	/	/	17.05	/	/	<=30	Pass	
Inner_1RB_Right		23.54	/	/	17.36	/	/	<=30	Pass	
CP-OFDM 256 QAM	3710.01	Edge_1RB_Left	19.71	/	/	13.53	/	/	<=30	Pass
		Edge_1RB_Right	19.62	/	/	13.44	/	/	<=30	Pass
		Outer_Full	19.63	/	/	13.45	/	/	<=30	Pass
		Inner_Full	19.69	/	/	13.51	/	/	<=30	Pass
		Inner_1RB_Left	19.71	/	/	13.53	/	/	<=30	Pass
		Inner_1RB_Right	19.64	/	/	13.46	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.23	/	/	14.05	/	/	<=30	Pass
		Edge_1RB_Right	20.10	/	/	13.92	/	/	<=30	Pass
		Outer_Full	20.12	/	/	13.94	/	/	<=30	Pass
		Inner_Full	20.25	/	/	14.07	/	/	<=30	Pass
		Inner_1RB_Left	20.22	/	/	14.04	/	/	<=30	Pass
		Inner_1RB_Right	20.07	/	/	13.89	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	20.25	/	/	14.07	/	/	<=30	Pass
		Edge_1RB_Right	20.52	/	/	14.34	/	/	<=30	Pass
Outer_Full		20.38	/	/	14.20	/	/	<=30	Pass	
Inner_Full		20.43	/	/	14.25	/	/	<=30	Pass	
Inner_1RB_Left		20.28	/	/	14.10	/	/	<=30	Pass	
	Inner_1RB_Right	20.53	/	/	14.35	/	/	<=30	Pass	
Note1: Antenna Gain: Ant2: -6.18dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30_S_30M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 30MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3715.02	Edge_1RB_Left	22.52	/	/	16.34	/	/	<=30	Pass
		Edge_1RB_Right	22.88	/	/	16.70	/	/	<=30	Pass
		Outer_Full	25.61	/	/	19.43	/	/	<=30	Pass

		Inner Full	26.04	/	/	19.86	/	/	<=30	Pass
		Inner 1RB Left	26.07	/	/	19.89	/	/	<=30	Pass
		Inner 1RB Right	26.37	/	/	20.19	/	/	<=30	Pass
	3840	Edge 1RB Left	23.16	/	/	16.98	/	/	<=30	Pass
		Edge 1RB Right	23.03	/	/	16.85	/	/	<=30	Pass
		Outer Full	26.20	/	/	20.02	/	/	<=30	Pass
		Inner Full	26.67	/	/	20.49	/	/	<=30	Pass
		Inner 1RB Left	26.74	/	/	20.56	/	/	<=30	Pass
		Inner 1RB Right	26.58	/	/	20.40	/	/	<=30	Pass
	3964.98	Edge 1RB Left	23.29	/	/	17.11	/	/	<=30	Pass
		Edge 1RB Right	23.33	/	/	17.15	/	/	<=30	Pass
		Outer Full	26.30	/	/	20.12	/	/	<=30	Pass
		Inner Full	26.73	/	/	20.55	/	/	<=30	Pass
		Inner 1RB Left	26.84	/	/	20.66	/	/	<=30	Pass
		Inner 1RB Right	26.83	/	/	20.65	/	/	<=30	Pass
DFT-s-OFDM QPSK	3715.02	Edge 1RB Left	22.48	/	/	16.30	/	/	<=30	Pass
		Edge 1RB Right	22.72	/	/	16.54	/	/	<=30	Pass
		Outer Full	25.10	/	/	18.92	/	/	<=30	Pass
		Inner Full	26.08	/	/	19.90	/	/	<=30	Pass
		Inner 1RB Left	26.01	/	/	19.83	/	/	<=30	Pass
		Inner 1RB Right	26.37	/	/	20.19	/	/	<=30	Pass
	3840	Edge 1RB Left	23.15	/	/	16.97	/	/	<=30	Pass
		Edge 1RB Right	22.99	/	/	16.81	/	/	<=30	Pass
		Outer Full	25.69	/	/	19.51	/	/	<=30	Pass
		Inner Full	26.66	/	/	20.48	/	/	<=30	Pass
		Inner 1RB Left	26.67	/	/	20.49	/	/	<=30	Pass
		Inner 1RB Right	26.60	/	/	20.42	/	/	<=30	Pass
	3964.98	Edge 1RB Left	23.25	/	/	17.07	/	/	<=30	Pass
		Edge 1RB Right	23.24	/	/	17.06	/	/	<=30	Pass
		Outer Full	25.79	/	/	19.61	/	/	<=30	Pass
		Inner Full	26.72	/	/	20.54	/	/	<=30	Pass
		Inner 1RB Left	26.75	/	/	20.57	/	/	<=30	Pass
		Inner 1RB Right	26.76	/	/	20.58	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.02	Edge 1RB Left	22.40	/	/	16.22	/	/	<=30	Pass
		Edge 1RB Right	22.77	/	/	16.59	/	/	<=30	Pass
		Outer Full	24.10	/	/	17.92	/	/	<=30	Pass
		Inner Full	25.07	/	/	18.89	/	/	<=30	Pass
		Inner 1RB Left	24.86	/	/	18.68	/	/	<=30	Pass
		Inner 1RB Right	25.18	/	/	19.00	/	/	<=30	Pass
	3840	Edge 1RB Left	23.06	/	/	16.88	/	/	<=30	Pass
		Edge 1RB Right	22.92	/	/	16.74	/	/	<=30	Pass
		Outer Full	24.73	/	/	18.55	/	/	<=30	Pass
		Inner Full	25.67	/	/	19.49	/	/	<=30	Pass
		Inner 1RB Left	25.54	/	/	19.36	/	/	<=30	Pass
		Inner 1RB Right	25.42	/	/	19.24	/	/	<=30	Pass
	3964.98	Edge 1RB Left	23.16	/	/	16.98	/	/	<=30	Pass
		Edge 1RB Right	23.11	/	/	16.93	/	/	<=30	Pass
		Outer Full	24.84	/	/	18.66	/	/	<=30	Pass
		Inner Full	25.71	/	/	19.53	/	/	<=30	Pass
		Inner 1RB Left	25.60	/	/	19.42	/	/	<=30	Pass
		Inner 1RB Right	25.62	/	/	19.44	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3715.02	Edge 1RB Left	22.49	/	/	16.31	/	/	<=30	Pass
		Edge 1RB Right	22.80	/	/	16.62	/	/	<=30	Pass
		Outer Full	23.70	/	/	17.52	/	/	<=30	Pass
		Inner Full	23.62	/	/	17.44	/	/	<=30	Pass
		Inner 1RB Left	23.53	/	/	17.35	/	/	<=30	Pass
		Inner 1RB Right	23.89	/	/	17.71	/	/	<=30	Pass
	3840	Edge 1RB Left	23.21	/	/	17.03	/	/	<=30	Pass
		Edge 1RB Right	23.10	/	/	16.92	/	/	<=30	Pass

		Outer Full	24.19	/	/	18.01	/	/	<=30	Pass
		Inner Full	24.22	/	/	18.04	/	/	<=30	Pass
		Inner 1RB Left	24.29	/	/	18.11	/	/	<=30	Pass
		Inner 1RB Right	24.15	/	/	17.97	/	/	<=30	Pass
	3964.98	Edge 1RB Left	23.36	/	/	17.18	/	/	<=30	Pass
		Edge 1RB Right	23.32	/	/	17.14	/	/	<=30	Pass
		Outer Full	24.33	/	/	18.15	/	/	<=30	Pass
		Inner Full	24.32	/	/	18.14	/	/	<=30	Pass
		Inner 1RB Left	24.35	/	/	18.17	/	/	<=30	Pass
		Inner 1RB Right	24.27	/	/	18.09	/	/	<=30	Pass
		Edge 1RB Left	21.60	/	/	15.42	/	/	<=30	Pass
		Edge 1RB Right	21.89	/	/	15.71	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3715.02	Outer Full	21.62	/	/	15.44	/	/	<=30	Pass
		Inner Full	21.53	/	/	15.35	/	/	<=30	Pass
		Inner 1RB Left	21.57	/	/	15.39	/	/	<=30	Pass
		Inner 1RB Right	21.89	/	/	15.71	/	/	<=30	Pass
		Edge 1RB Left	22.18	/	/	16.00	/	/	<=30	Pass
		Edge 1RB Right	22.03	/	/	15.85	/	/	<=30	Pass
	3840	Outer Full	22.12	/	/	15.94	/	/	<=30	Pass
		Inner Full	22.10	/	/	15.92	/	/	<=30	Pass
		Inner 1RB Left	22.20	/	/	16.02	/	/	<=30	Pass
		Inner 1RB Right	22.02	/	/	15.84	/	/	<=30	Pass
		Edge 1RB Left	22.26	/	/	16.08	/	/	<=30	Pass
		Edge 1RB Right	22.24	/	/	16.06	/	/	<=30	Pass
	3964.98	Outer Full	22.29	/	/	16.11	/	/	<=30	Pass
		Inner Full	22.18	/	/	16.00	/	/	<=30	Pass
		Inner 1RB Left	22.27	/	/	16.09	/	/	<=30	Pass
		Inner 1RB Right	22.29	/	/	16.11	/	/	<=30	Pass
		Edge 1RB Left	22.59	/	/	16.41	/	/	<=30	Pass
		Edge 1RB Right	22.89	/	/	16.71	/	/	<=30	Pass
CP-OFDM QPSK	3715.02	Outer Full	23.11	/	/	16.93	/	/	<=30	Pass
		Inner Full	24.57	/	/	18.39	/	/	<=30	Pass
		Inner 1RB Left	24.69	/	/	18.51	/	/	<=30	Pass
		Inner 1RB Right	24.92	/	/	18.74	/	/	<=30	Pass
		Edge 1RB Left	23.30	/	/	17.12	/	/	<=30	Pass
		Edge 1RB Right	23.06	/	/	16.88	/	/	<=30	Pass
	3840	Outer Full	23.68	/	/	17.50	/	/	<=30	Pass
		Inner Full	25.13	/	/	18.95	/	/	<=30	Pass
		Inner 1RB Left	25.33	/	/	19.15	/	/	<=30	Pass
		Inner 1RB Right	25.18	/	/	19.00	/	/	<=30	Pass
		Edge 1RB Left	23.43	/	/	17.25	/	/	<=30	Pass
		Edge 1RB Right	23.32	/	/	17.14	/	/	<=30	Pass
	3964.98	Outer Full	23.75	/	/	17.57	/	/	<=30	Pass
		Inner Full	25.21	/	/	19.03	/	/	<=30	Pass
		Inner 1RB Left	25.37	/	/	19.19	/	/	<=30	Pass
		Inner 1RB Right	25.35	/	/	19.17	/	/	<=30	Pass
		Edge 1RB Left	22.43	/	/	16.25	/	/	<=30	Pass
		Edge 1RB Right	22.81	/	/	16.63	/	/	<=30	Pass
CP-OFDM 16 QAM	3715.02	Outer Full	23.13	/	/	16.95	/	/	<=30	Pass
		Inner Full	24.05	/	/	17.87	/	/	<=30	Pass
		Inner 1RB Left	23.99	/	/	17.81	/	/	<=30	Pass
		Inner 1RB Right	24.42	/	/	18.24	/	/	<=30	Pass
		Edge 1RB Left	23.13	/	/	16.95	/	/	<=30	Pass
		Edge 1RB Right	22.97	/	/	16.79	/	/	<=30	Pass
	3840	Outer Full	23.67	/	/	17.49	/	/	<=30	Pass
		Inner Full	24.64	/	/	18.46	/	/	<=30	Pass
		Inner 1RB Left	24.71	/	/	18.53	/	/	<=30	Pass
		Inner 1RB Right	24.59	/	/	18.41	/	/	<=30	Pass
		Edge 1RB Left	23.24	/	/	17.06	/	/	<=30	Pass
	3964.98	Edge 1RB Left	23.24	/	/	17.06	/	/	<=30	Pass

		Edge_1RB_Right	23.22	/	/	17.04	/	/	<=30	Pass
		Outer_Full	23.82	/	/	17.64	/	/	<=30	Pass
		Inner_Full	24.73	/	/	18.55	/	/	<=30	Pass
		Inner_1RB_Left	24.77	/	/	18.59	/	/	<=30	Pass
		Inner_1RB_Right	24.76	/	/	18.58	/	/	<=30	Pass
CP-OFDM 64 QAM	3715.02	Edge_1RB_Left	22.53	/	/	16.35	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	16.61	/	/	<=30	Pass
		Outer_Full	22.61	/	/	16.43	/	/	<=30	Pass
		Inner_Full	22.58	/	/	16.40	/	/	<=30	Pass
		Inner_1RB_Left	22.59	/	/	16.41	/	/	<=30	Pass
		Inner_1RB_Right	22.81	/	/	16.63	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.24	/	/	17.06	/	/	<=30	Pass
		Edge_1RB_Right	23.10	/	/	16.92	/	/	<=30	Pass
		Outer_Full	23.21	/	/	17.03	/	/	<=30	Pass
		Inner_Full	23.17	/	/	16.99	/	/	<=30	Pass
		Inner_1RB_Left	23.23	/	/	17.05	/	/	<=30	Pass
		Inner_1RB_Right	23.05	/	/	16.87	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	23.37	/	/	17.19	/	/	<=30	Pass
		Edge_1RB_Right	23.34	/	/	17.16	/	/	<=30	Pass
		Outer_Full	23.27	/	/	17.09	/	/	<=30	Pass
		Inner_Full	23.27	/	/	17.09	/	/	<=30	Pass
		Inner_1RB_Left	23.39	/	/	17.21	/	/	<=30	Pass
		Inner_1RB_Right	23.35	/	/	17.17	/	/	<=30	Pass
CP-OFDM 256 QAM	3715.02	Edge_1RB_Left	19.56	/	/	13.38	/	/	<=30	Pass
		Edge_1RB_Right	19.90	/	/	13.72	/	/	<=30	Pass
		Outer_Full	19.64	/	/	13.46	/	/	<=30	Pass
		Inner_Full	19.55	/	/	13.37	/	/	<=30	Pass
		Inner_1RB_Left	19.57	/	/	13.39	/	/	<=30	Pass
		Inner_1RB_Right	19.93	/	/	13.75	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.25	/	/	14.07	/	/	<=30	Pass
		Edge_1RB_Right	20.11	/	/	13.93	/	/	<=30	Pass
		Outer_Full	20.21	/	/	14.03	/	/	<=30	Pass
		Inner_Full	20.14	/	/	13.96	/	/	<=30	Pass
		Inner_1RB_Left	20.28	/	/	14.10	/	/	<=30	Pass
		Inner_1RB_Right	20.10	/	/	13.92	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	20.34	/	/	14.16	/	/	<=30	Pass
		Edge_1RB_Right	20.27	/	/	14.09	/	/	<=30	Pass
		Outer_Full	20.32	/	/	14.14	/	/	<=30	Pass
		Inner_Full	20.27	/	/	14.09	/	/	<=30	Pass
		Inner_1RB_Left	20.32	/	/	14.14	/	/	<=30	Pass
		Inner_1RB_Right	20.23	/	/	14.05	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -6.18dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30_S_40M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 40MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3720	Edge_1RB_Left	22.75	/	/	16.57	/	/	<=30	Pass
		Edge_1RB_Right	22.82	/	/	16.64	/	/	<=30	Pass
		Outer_Full	25.64	/	/	19.46	/	/	<=30	Pass
		Inner_Full	26.18	/	/	20.00	/	/	<=30	Pass
		Inner_1RB_Left	26.26	/	/	20.08	/	/	<=30	Pass
		Inner_1RB_Right	26.36	/	/	20.18	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.36	/	/	17.18	/	/	<=30	Pass
		Edge_1RB_Right	23.10	/	/	16.92	/	/	<=30	Pass
		Outer_Full	26.16	/	/	19.98	/	/	<=30	Pass

		Inner Full	26.69	/	/	20.51	/	/	<=30	Pass
		Inner 1RB Left	26.92	/	/	20.74	/	/	<=30	Pass
		Inner 1RB Right	26.64	/	/	20.46	/	/	<=30	Pass
	3960	Edge 1RB Left	23.37	/	/	17.19	/	/	<=30	Pass
		Edge 1RB Right	23.44	/	/	17.26	/	/	<=30	Pass
		Outer Full	26.34	/	/	20.16	/	/	<=30	Pass
		Inner Full	26.66	/	/	20.48	/	/	<=30	Pass
		Inner 1RB Left	26.85	/	/	20.67	/	/	<=30	Pass
		Inner 1RB Right	26.93	/	/	20.75	/	/	<=30	Pass
DFT-s-OFDM QPSK	3720	Edge 1RB Left	22.72	/	/	16.54	/	/	<=30	Pass
		Edge 1RB Right	22.79	/	/	16.61	/	/	<=30	Pass
		Outer Full	25.22	/	/	19.04	/	/	<=30	Pass
		Inner Full	26.12	/	/	19.94	/	/	<=30	Pass
		Inner 1RB Left	26.25	/	/	20.07	/	/	<=30	Pass
		Inner 1RB Right	26.36	/	/	20.18	/	/	<=30	Pass
	3840	Edge 1RB Left	23.22	/	/	17.04	/	/	<=30	Pass
		Edge 1RB Right	23.00	/	/	16.82	/	/	<=30	Pass
		Outer Full	25.72	/	/	19.54	/	/	<=30	Pass
		Inner Full	26.69	/	/	20.51	/	/	<=30	Pass
		Inner 1RB Left	26.76	/	/	20.58	/	/	<=30	Pass
		Inner 1RB Right	26.62	/	/	20.44	/	/	<=30	Pass
	3960	Edge 1RB Left	23.29	/	/	17.11	/	/	<=30	Pass
		Edge 1RB Right	23.37	/	/	17.19	/	/	<=30	Pass
		Outer Full	25.86	/	/	19.68	/	/	<=30	Pass
		Inner Full	26.68	/	/	20.50	/	/	<=30	Pass
		Inner 1RB Left	26.77	/	/	20.59	/	/	<=30	Pass
		Inner 1RB Right	26.95	/	/	20.77	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Edge 1RB Left	22.65	/	/	16.47	/	/	<=30	Pass
		Edge 1RB Right	22.76	/	/	16.58	/	/	<=30	Pass
		Outer Full	24.18	/	/	18.00	/	/	<=30	Pass
		Inner Full	25.14	/	/	18.96	/	/	<=30	Pass
		Inner 1RB Left	25.10	/	/	18.92	/	/	<=30	Pass
		Inner 1RB Right	25.17	/	/	18.99	/	/	<=30	Pass
	3840	Edge 1RB Left	23.15	/	/	16.97	/	/	<=30	Pass
		Edge 1RB Right	22.99	/	/	16.81	/	/	<=30	Pass
		Outer Full	24.72	/	/	18.54	/	/	<=30	Pass
		Inner Full	25.64	/	/	19.46	/	/	<=30	Pass
		Inner 1RB Left	25.57	/	/	19.39	/	/	<=30	Pass
		Inner 1RB Right	25.39	/	/	19.21	/	/	<=30	Pass
	3960	Edge 1RB Left	23.20	/	/	17.02	/	/	<=30	Pass
		Edge 1RB Right	23.33	/	/	17.15	/	/	<=30	Pass
		Outer Full	24.90	/	/	18.72	/	/	<=30	Pass
		Inner Full	25.72	/	/	19.54	/	/	<=30	Pass
		Inner 1RB Left	25.65	/	/	19.47	/	/	<=30	Pass
		Inner 1RB Right	25.74	/	/	19.56	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Edge 1RB Left	22.77	/	/	16.59	/	/	<=30	Pass
		Edge 1RB Right	22.90	/	/	16.72	/	/	<=30	Pass
		Outer Full	23.72	/	/	17.54	/	/	<=30	Pass
		Inner Full	23.63	/	/	17.45	/	/	<=30	Pass
		Inner 1RB Left	23.82	/	/	17.64	/	/	<=30	Pass
		Inner 1RB Right	23.96	/	/	17.78	/	/	<=30	Pass
	3840	Edge 1RB Left	23.33	/	/	17.15	/	/	<=30	Pass
		Edge 1RB Right	23.07	/	/	16.89	/	/	<=30	Pass
		Outer Full	24.18	/	/	18.00	/	/	<=30	Pass
		Inner Full	24.11	/	/	17.93	/	/	<=30	Pass
		Inner 1RB Left	24.25	/	/	18.07	/	/	<=30	Pass
		Inner 1RB Right	24.08	/	/	17.90	/	/	<=30	Pass
	3960	Edge 1RB Left	23.43	/	/	17.25	/	/	<=30	Pass
		Edge 1RB Right	23.50	/	/	17.32	/	/	<=30	Pass

		Outer Full	24.38	/	/	18.20	/	/	<=30	Pass
		Inner Full	24.18	/	/	18.00	/	/	<=30	Pass
		Inner 1RB Left	24.40	/	/	18.22	/	/	<=30	Pass
		Inner 1RB Right	24.50	/	/	18.32	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3720	Edge 1RB Left	21.73	/	/	15.55	/	/	<=30	Pass
		Edge 1RB Right	21.81	/	/	15.63	/	/	<=30	Pass
		Outer Full	21.64	/	/	15.46	/	/	<=30	Pass
		Inner Full	21.67	/	/	15.49	/	/	<=30	Pass
		Inner 1RB Left	21.79	/	/	15.61	/	/	<=30	Pass
		Inner 1RB Right	21.83	/	/	15.65	/	/	<=30	Pass
	3840	Edge 1RB Left	22.29	/	/	16.11	/	/	<=30	Pass
		Edge 1RB Right	22.11	/	/	15.93	/	/	<=30	Pass
		Outer Full	22.14	/	/	15.96	/	/	<=30	Pass
		Inner Full	22.19	/	/	16.01	/	/	<=30	Pass
		Inner 1RB Left	22.28	/	/	16.10	/	/	<=30	Pass
		Inner 1RB Right	22.05	/	/	15.87	/	/	<=30	Pass
	3960	Edge 1RB Left	22.41	/	/	16.23	/	/	<=30	Pass
		Edge 1RB Right	22.48	/	/	16.30	/	/	<=30	Pass
		Outer Full	22.40	/	/	16.22	/	/	<=30	Pass
		Inner Full	22.25	/	/	16.07	/	/	<=30	Pass
		Inner 1RB Left	22.42	/	/	16.24	/	/	<=30	Pass
		Inner 1RB Right	22.47	/	/	16.29	/	/	<=30	Pass
CP-OFDM QPSK	3720	Edge 1RB Left	22.82	/	/	16.64	/	/	<=30	Pass
		Edge 1RB Right	23.00	/	/	16.82	/	/	<=30	Pass
		Outer Full	23.15	/	/	16.97	/	/	<=30	Pass
		Inner Full	24.67	/	/	18.49	/	/	<=30	Pass
		Inner 1RB Left	24.80	/	/	18.62	/	/	<=30	Pass
		Inner 1RB Right	24.92	/	/	18.74	/	/	<=30	Pass
	3840	Edge 1RB Left	23.34	/	/	17.16	/	/	<=30	Pass
		Edge 1RB Right	23.18	/	/	17.00	/	/	<=30	Pass
		Outer Full	23.67	/	/	17.49	/	/	<=30	Pass
		Inner Full	25.26	/	/	19.08	/	/	<=30	Pass
		Inner 1RB Left	25.39	/	/	19.21	/	/	<=30	Pass
		Inner 1RB Right	25.14	/	/	18.96	/	/	<=30	Pass
	3960	Edge 1RB Left	23.39	/	/	17.21	/	/	<=30	Pass
		Edge 1RB Right	23.50	/	/	17.32	/	/	<=30	Pass
		Outer Full	23.82	/	/	17.64	/	/	<=30	Pass
		Inner Full	25.35	/	/	19.17	/	/	<=30	Pass
		Inner 1RB Left	25.43	/	/	19.25	/	/	<=30	Pass
		Inner 1RB Right	25.47	/	/	19.29	/	/	<=30	Pass
CP-OFDM 16 QAM	3720	Edge 1RB Left	22.70	/	/	16.52	/	/	<=30	Pass
		Edge 1RB Right	22.82	/	/	16.64	/	/	<=30	Pass
		Outer Full	23.18	/	/	17.00	/	/	<=30	Pass
		Inner Full	24.21	/	/	18.03	/	/	<=30	Pass
		Inner 1RB Left	24.15	/	/	17.97	/	/	<=30	Pass
		Inner 1RB Right	24.26	/	/	18.08	/	/	<=30	Pass
	3840	Edge 1RB Left	23.13	/	/	16.95	/	/	<=30	Pass
		Edge 1RB Right	22.96	/	/	16.78	/	/	<=30	Pass
		Outer Full	23.70	/	/	17.52	/	/	<=30	Pass
		Inner Full	24.68	/	/	18.50	/	/	<=30	Pass
		Inner 1RB Left	24.66	/	/	18.48	/	/	<=30	Pass
		Inner 1RB Right	24.43	/	/	18.25	/	/	<=30	Pass
	3960	Edge 1RB Left	23.25	/	/	17.07	/	/	<=30	Pass
		Edge 1RB Right	23.34	/	/	17.16	/	/	<=30	Pass
		Outer Full	23.85	/	/	17.67	/	/	<=30	Pass
		Inner Full	24.65	/	/	18.47	/	/	<=30	Pass
		Inner 1RB Left	24.82	/	/	18.64	/	/	<=30	Pass
		Inner 1RB Right	24.81	/	/	18.63	/	/	<=30	Pass
CP-OFDM 64 QAM	3720	Edge 1RB Left	22.79	/	/	16.61	/	/	<=30	Pass

		Edge_1RB_Right	22.88	/	/	16.70	/	/	<=30	Pass	
		Outer_Full	22.72	/	/	16.54	/	/	<=30	Pass	
		Inner_Full	22.63	/	/	16.45	/	/	<=30	Pass	
		Inner_1RB_Left	22.80	/	/	16.62	/	/	<=30	Pass	
		Inner_1RB_Right	22.88	/	/	16.70	/	/	<=30	Pass	
	3840	Edge_1RB_Left	23.26	/	/	17.08	/	/	<=30	Pass	
		Edge_1RB_Right	23.04	/	/	16.86	/	/	<=30	Pass	
		Outer_Full	23.20	/	/	17.02	/	/	<=30	Pass	
		Inner_Full	23.13	/	/	16.95	/	/	<=30	Pass	
		Inner_1RB_Left	23.33	/	/	17.15	/	/	<=30	Pass	
	3960	Inner_1RB_Right	23.10	/	/	16.92	/	/	<=30	Pass	
		Edge_1RB_Left	23.32	/	/	17.14	/	/	<=30	Pass	
		Edge_1RB_Right	23.41	/	/	17.23	/	/	<=30	Pass	
		Outer_Full	23.37	/	/	17.19	/	/	<=30	Pass	
		Inner_Full	23.19	/	/	17.01	/	/	<=30	Pass	
	CP-OFDM 256 QAM	3720	Inner_1RB_Left	23.31	/	/	17.13	/	/	<=30	Pass
			Inner_1RB_Right	23.48	/	/	17.30	/	/	<=30	Pass
			Edge_1RB_Left	19.79	/	/	13.61	/	/	<=30	Pass
			Edge_1RB_Right	19.94	/	/	13.76	/	/	<=30	Pass
Outer_Full			19.65	/	/	13.47	/	/	<=30	Pass	
3840		Inner_Full	19.70	/	/	13.52	/	/	<=30	Pass	
		Inner_1RB_Left	19.81	/	/	13.63	/	/	<=30	Pass	
		Inner_1RB_Right	19.96	/	/	13.78	/	/	<=30	Pass	
		Edge_1RB_Left	20.32	/	/	14.14	/	/	<=30	Pass	
		Edge_1RB_Right	20.08	/	/	13.90	/	/	<=30	Pass	
3960		Outer_Full	20.19	/	/	14.01	/	/	<=30	Pass	
		Inner_Full	20.19	/	/	14.01	/	/	<=30	Pass	
		Inner_1RB_Left	20.34	/	/	14.16	/	/	<=30	Pass	
		Inner_1RB_Right	20.11	/	/	13.93	/	/	<=30	Pass	
		Edge_1RB_Left	20.40	/	/	14.22	/	/	<=30	Pass	
		Edge_1RB_Right	20.51	/	/	14.33	/	/	<=30	Pass	
		Outer_Full	20.39	/	/	14.21	/	/	<=30	Pass	
		Inner_Full	20.33	/	/	14.15	/	/	<=30	Pass	
		Inner_1RB_Left	20.38	/	/	14.20	/	/	<=30	Pass	
	Inner_1RB_Right	20.55	/	/	14.37	/	/	<=30	Pass		
Note1: Antenna Gain: Ant2: -6.18dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.5 30_S_50M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 50MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3725.01	Edge 1RB Left	22.26	/	/	16.08	/	/	<=30	Pass
		Edge 1RB Right	22.56	/	/	16.38	/	/	<=30	Pass
		Outer Full	25.53	/	/	19.35	/	/	<=30	Pass
		Inner Full	26.14	/	/	19.96	/	/	<=30	Pass
		Inner 1RB Left	25.82	/	/	19.64	/	/	<=30	Pass
		Inner 1RB Right	26.04	/	/	19.86	/	/	<=30	Pass
	3840	Edge 1RB Left	23.03	/	/	16.85	/	/	<=30	Pass
		Edge 1RB Right	22.97	/	/	16.79	/	/	<=30	Pass
		Outer Full	25.99	/	/	19.81	/	/	<=30	Pass
		Inner Full	26.47	/	/	20.29	/	/	<=30	Pass
		Inner 1RB Left	26.57	/	/	20.39	/	/	<=30	Pass
		Inner 1RB Right	26.41	/	/	20.23	/	/	<=30	Pass
	3954.99	Edge 1RB Left	23.17	/	/	16.99	/	/	<=30	Pass
		Edge 1RB Right	23.05	/	/	16.87	/	/	<=30	Pass
		Outer Full	26.10	/	/	19.92	/	/	<=30	Pass

		Inner Full	26.52	/	/	20.34	/	/	<=30	Pass
		Inner 1RB Left	26.68	/	/	20.50	/	/	<=30	Pass
		Inner 1RB Right	26.47	/	/	20.29	/	/	<=30	Pass
DFT-s-OFDM QPSK	3725.01	Edge 1RB Left	22.25	/	/	16.07	/	/	<=30	Pass
		Edge 1RB Right	22.50	/	/	16.32	/	/	<=30	Pass
		Outer Full	25.05	/	/	18.87	/	/	<=30	Pass
		Inner Full	26.12	/	/	19.94	/	/	<=30	Pass
		Inner 1RB Left	25.84	/	/	19.66	/	/	<=30	Pass
		Inner 1RB Right	26.08	/	/	19.90	/	/	<=30	Pass
		Edge 1RB Left	23.01	/	/	16.83	/	/	<=30	Pass
		Edge 1RB Right	22.93	/	/	16.75	/	/	<=30	Pass
	3840	Outer Full	25.45	/	/	19.27	/	/	<=30	Pass
		Inner Full	26.49	/	/	20.31	/	/	<=30	Pass
		Inner 1RB Left	26.56	/	/	20.38	/	/	<=30	Pass
		Inner 1RB Right	26.37	/	/	20.19	/	/	<=30	Pass
		Edge 1RB Left	23.15	/	/	16.97	/	/	<=30	Pass
		Edge 1RB Right	22.99	/	/	16.81	/	/	<=30	Pass
	3954.99	Outer Full	25.52	/	/	19.34	/	/	<=30	Pass
		Inner Full	26.52	/	/	20.34	/	/	<=30	Pass
		Inner 1RB Left	26.67	/	/	20.49	/	/	<=30	Pass
		Inner 1RB Right	26.48	/	/	20.30	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3725.01	Edge 1RB Left	22.19	/	/	16.01	/	/	<=30	Pass
		Edge 1RB Right	22.48	/	/	16.30	/	/	<=30	Pass
		Outer Full	24.12	/	/	17.94	/	/	<=30	Pass
		Inner Full	25.15	/	/	18.97	/	/	<=30	Pass
		Inner 1RB Left	24.72	/	/	18.54	/	/	<=30	Pass
		Inner 1RB Right	24.99	/	/	18.81	/	/	<=30	Pass
	3840	Edge 1RB Left	22.90	/	/	16.72	/	/	<=30	Pass
		Edge 1RB Right	22.85	/	/	16.67	/	/	<=30	Pass
		Outer Full	24.53	/	/	18.35	/	/	<=30	Pass
		Inner Full	25.49	/	/	19.31	/	/	<=30	Pass
		Inner 1RB Left	25.36	/	/	19.18	/	/	<=30	Pass
		Inner 1RB Right	25.21	/	/	19.03	/	/	<=30	Pass
	3954.99	Edge 1RB Left	23.04	/	/	16.86	/	/	<=30	Pass
		Edge 1RB Right	22.89	/	/	16.71	/	/	<=30	Pass
		Outer Full	24.57	/	/	18.39	/	/	<=30	Pass
		Inner Full	25.51	/	/	19.33	/	/	<=30	Pass
		Inner 1RB Left	25.44	/	/	19.26	/	/	<=30	Pass
		Inner 1RB Right	25.38	/	/	19.20	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3725.01	Edge 1RB Left	22.38	/	/	16.20	/	/	<=30	Pass
		Edge 1RB Right	22.60	/	/	16.42	/	/	<=30	Pass
		Outer Full	23.58	/	/	17.40	/	/	<=30	Pass
		Inner Full	23.60	/	/	17.42	/	/	<=30	Pass
		Inner 1RB Left	23.37	/	/	17.19	/	/	<=30	Pass
		Inner 1RB Right	23.63	/	/	17.45	/	/	<=30	Pass
	3840	Edge 1RB Left	23.08	/	/	16.90	/	/	<=30	Pass
		Edge 1RB Right	23.08	/	/	16.90	/	/	<=30	Pass
		Outer Full	23.95	/	/	17.77	/	/	<=30	Pass
		Inner Full	23.97	/	/	17.79	/	/	<=30	Pass
		Inner 1RB Left	24.14	/	/	17.96	/	/	<=30	Pass
		Inner 1RB Right	23.91	/	/	17.73	/	/	<=30	Pass
	3954.99	Edge 1RB Left	23.26	/	/	17.08	/	/	<=30	Pass
		Edge 1RB Right	23.07	/	/	16.89	/	/	<=30	Pass
		Outer Full	24.02	/	/	17.84	/	/	<=30	Pass
		Inner Full	24.03	/	/	17.85	/	/	<=30	Pass
		Inner 1RB Left	24.20	/	/	18.02	/	/	<=30	Pass
		Inner 1RB Right	24.04	/	/	17.86	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3725.01	Edge 1RB Left	21.35	/	/	15.17	/	/	<=30	Pass
		Edge 1RB Right	21.60	/	/	15.42	/	/	<=30	Pass

		Outer Full	21.59	/	/	15.41	/	/	<=30	Pass
		Inner Full	21.59	/	/	15.41	/	/	<=30	Pass
		Inner 1RB Left	21.33	/	/	15.15	/	/	<=30	Pass
		Inner 1RB Right	21.64	/	/	15.46	/	/	<=30	Pass
	3840	Edge 1RB Left	22.14	/	/	15.96	/	/	<=30	Pass
		Edge 1RB Right	21.96	/	/	15.78	/	/	<=30	Pass
		Outer Full	21.98	/	/	15.80	/	/	<=30	Pass
		Inner Full	21.97	/	/	15.79	/	/	<=30	Pass
	3954.99	Inner 1RB Left	22.11	/	/	15.93	/	/	<=30	Pass
		Inner 1RB Right	21.92	/	/	15.74	/	/	<=30	Pass
		Edge 1RB Left	22.15	/	/	15.97	/	/	<=30	Pass
		Edge 1RB Right	21.99	/	/	15.81	/	/	<=30	Pass
CP-OFDM QPSK	3725.01	Outer Full	22.12	/	/	15.94	/	/	<=30	Pass
		Inner Full	22.00	/	/	15.82	/	/	<=30	Pass
		Inner 1RB Left	22.14	/	/	15.96	/	/	<=30	Pass
		Inner 1RB Right	22.06	/	/	15.88	/	/	<=30	Pass
	3840	Edge 1RB Left	22.38	/	/	16.20	/	/	<=30	Pass
		Edge 1RB Right	22.64	/	/	16.46	/	/	<=30	Pass
		Outer Full	23.06	/	/	16.88	/	/	<=30	Pass
		Inner Full	24.63	/	/	18.45	/	/	<=30	Pass
	3954.99	Inner 1RB Left	24.41	/	/	18.23	/	/	<=30	Pass
		Inner 1RB Right	24.62	/	/	18.44	/	/	<=30	Pass
		Edge 1RB Left	23.11	/	/	16.93	/	/	<=30	Pass
		Edge 1RB Right	22.94	/	/	16.76	/	/	<=30	Pass
CP-OFDM 16 QAM	3725.01	Outer Full	23.51	/	/	17.33	/	/	<=30	Pass
		Inner Full	25.00	/	/	18.82	/	/	<=30	Pass
		Inner 1RB Left	25.21	/	/	19.03	/	/	<=30	Pass
		Inner 1RB Right	24.94	/	/	18.76	/	/	<=30	Pass
	3840	Edge 1RB Left	23.22	/	/	17.04	/	/	<=30	Pass
		Edge 1RB Right	23.17	/	/	16.99	/	/	<=30	Pass
		Outer Full	23.63	/	/	17.45	/	/	<=30	Pass
		Inner Full	24.98	/	/	18.80	/	/	<=30	Pass
	3954.99	Inner 1RB Left	25.18	/	/	19.00	/	/	<=30	Pass
		Inner 1RB Right	25.11	/	/	18.93	/	/	<=30	Pass
		Edge 1RB Left	22.20	/	/	16.02	/	/	<=30	Pass
		Edge 1RB Right	22.46	/	/	16.28	/	/	<=30	Pass
CP-OFDM 64 QAM	3725.01	Outer Full	23.10	/	/	16.92	/	/	<=30	Pass
		Inner Full	24.16	/	/	17.98	/	/	<=30	Pass
		Inner 1RB Left	23.74	/	/	17.56	/	/	<=30	Pass
		Inner 1RB Right	23.91	/	/	17.73	/	/	<=30	Pass
	3840	Edge 1RB Left	22.97	/	/	16.79	/	/	<=30	Pass
		Edge 1RB Right	22.78	/	/	16.60	/	/	<=30	Pass
		Outer Full	23.50	/	/	17.32	/	/	<=30	Pass
		Inner Full	24.51	/	/	18.33	/	/	<=30	Pass
	3954.99	Inner 1RB Left	24.48	/	/	18.30	/	/	<=30	Pass
		Inner 1RB Right	24.35	/	/	18.17	/	/	<=30	Pass
		Edge 1RB Left	23.02	/	/	16.84	/	/	<=30	Pass
		Edge 1RB Right	22.86	/	/	16.68	/	/	<=30	Pass
	3725.01	Outer Full	23.61	/	/	17.43	/	/	<=30	Pass
		Inner Full	24.49	/	/	18.31	/	/	<=30	Pass
		Inner 1RB Left	24.64	/	/	18.46	/	/	<=30	Pass
		Inner 1RB Right	24.44	/	/	18.26	/	/	<=30	Pass
	3840	Edge 1RB Left	22.35	/	/	16.17	/	/	<=30	Pass
		Edge 1RB Right	22.49	/	/	16.31	/	/	<=30	Pass
	3725.01	Outer Full	22.61	/	/	16.43	/	/	<=30	Pass
		Inner Full	22.62	/	/	16.44	/	/	<=30	Pass
		Inner 1RB Left	22.39	/	/	16.21	/	/	<=30	Pass
		Inner 1RB Right	22.51	/	/	16.33	/	/	<=30	Pass
	3840	Edge 1RB Left	23.05	/	/	16.87	/	/	<=30	Pass
		Edge 1RB Right	23.05	/	/	16.87	/	/	<=30	Pass

		Edge_1RB_Right	22.93	/	/	16.75	/	/	<=30	Pass
		Outer_Full	23.04	/	/	16.86	/	/	<=30	Pass
		Inner_Full	22.99	/	/	16.81	/	/	<=30	Pass
		Inner_1RB_Left	23.07	/	/	16.89	/	/	<=30	Pass
		Inner_1RB_Right	22.90	/	/	16.72	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	23.17	/	/	16.99	/	/	<=30	Pass
		Edge_1RB_Right	23.01	/	/	16.83	/	/	<=30	Pass
		Outer_Full	23.14	/	/	16.96	/	/	<=30	Pass
		Inner_Full	23.02	/	/	16.84	/	/	<=30	Pass
		Inner_1RB_Left	23.19	/	/	17.01	/	/	<=30	Pass
		Inner_1RB_Right	23.04	/	/	16.86	/	/	<=30	Pass
CP-OFDM 256 QAM	3725.01	Edge_1RB_Left	19.34	/	/	13.16	/	/	<=30	Pass
		Edge_1RB_Right	19.57	/	/	13.39	/	/	<=30	Pass
		Outer_Full	19.53	/	/	13.35	/	/	<=30	Pass
		Inner_Full	19.61	/	/	13.43	/	/	<=30	Pass
		Inner_1RB_Left	19.33	/	/	13.15	/	/	<=30	Pass
		Inner_1RB_Right	19.56	/	/	13.38	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.13	/	/	13.95	/	/	<=30	Pass
		Edge_1RB_Right	19.95	/	/	13.77	/	/	<=30	Pass
		Outer_Full	19.99	/	/	13.81	/	/	<=30	Pass
		Inner_Full	19.99	/	/	13.81	/	/	<=30	Pass
		Inner_1RB_Left	20.17	/	/	13.99	/	/	<=30	Pass
		Inner_1RB_Right	19.95	/	/	13.77	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	20.26	/	/	14.08	/	/	<=30	Pass
		Edge_1RB_Right	20.13	/	/	13.95	/	/	<=30	Pass
		Outer_Full	20.05	/	/	13.87	/	/	<=30	Pass
		Inner_Full	19.99	/	/	13.81	/	/	<=30	Pass
		Inner_1RB_Left	20.27	/	/	14.09	/	/	<=30	Pass
		Inner_1RB_Right	20.10	/	/	13.92	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -6.18dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30_S_60M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 60MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3730.02	Edge_1RB_Left	22.39	/	/	16.21	/	/	<=30	Pass
		Edge_1RB_Right	22.50	/	/	16.32	/	/	<=30	Pass
		Outer_Full	25.55	/	/	19.37	/	/	<=30	Pass
		Inner_Full	26.13	/	/	19.95	/	/	<=30	Pass
		Inner_1RB_Left	25.93	/	/	19.75	/	/	<=30	Pass
		Inner_1RB_Right	26.05	/	/	19.87	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.00	/	/	16.82	/	/	<=30	Pass
		Edge_1RB_Right	22.96	/	/	16.78	/	/	<=30	Pass
		Outer_Full	25.95	/	/	19.77	/	/	<=30	Pass
		Inner_Full	26.51	/	/	20.33	/	/	<=30	Pass
		Inner_1RB_Left	26.49	/	/	20.31	/	/	<=30	Pass
		Inner_1RB_Right	26.47	/	/	20.29	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	22.81	/	/	16.63	/	/	<=30	Pass
		Edge_1RB_Right	22.84	/	/	16.66	/	/	<=30	Pass
		Outer_Full	25.84	/	/	19.66	/	/	<=30	Pass
		Inner_Full	26.40	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Left	26.34	/	/	20.16	/	/	<=30	Pass
		Inner_1RB_Right	26.37	/	/	20.19	/	/	<=30	Pass
DFT-s-OFDM QPSK	3730.02	Edge_1RB_Left	22.33	/	/	16.15	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	16.28	/	/	<=30	Pass
		Outer_Full	25.05	/	/	18.87	/	/	<=30	Pass

		Inner Full	26.13	/	/	19.95	/	/	<=30	Pass
		Inner 1RB Left	25.88	/	/	19.70	/	/	<=30	Pass
		Inner 1RB Right	25.98	/	/	19.80	/	/	<=30	Pass
	3840	Edge 1RB Left	22.98	/	/	16.80	/	/	<=30	Pass
		Edge 1RB Right	22.97	/	/	16.79	/	/	<=30	Pass
		Outer Full	25.52	/	/	19.34	/	/	<=30	Pass
		Inner Full	26.52	/	/	20.34	/	/	<=30	Pass
		Inner 1RB Left	26.49	/	/	20.31	/	/	<=30	Pass
		Inner 1RB Right	26.43	/	/	20.25	/	/	<=30	Pass
	3949.98	Edge 1RB Left	22.81	/	/	16.63	/	/	<=30	Pass
		Edge 1RB Right	22.82	/	/	16.64	/	/	<=30	Pass
		Outer Full	25.40	/	/	19.22	/	/	<=30	Pass
		Inner Full	26.33	/	/	20.15	/	/	<=30	Pass
		Inner 1RB Left	26.33	/	/	20.15	/	/	<=30	Pass
		Inner 1RB Right	26.27	/	/	20.09	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3730.02	Edge 1RB Left	22.21	/	/	16.03	/	/	<=30	Pass
		Edge 1RB Right	22.41	/	/	16.23	/	/	<=30	Pass
		Outer Full	24.12	/	/	17.94	/	/	<=30	Pass
		Inner Full	25.14	/	/	18.96	/	/	<=30	Pass
		Inner 1RB Left	24.76	/	/	18.58	/	/	<=30	Pass
		Inner 1RB Right	24.87	/	/	18.69	/	/	<=30	Pass
	3840	Edge 1RB Left	22.78	/	/	16.60	/	/	<=30	Pass
		Edge 1RB Right	22.81	/	/	16.63	/	/	<=30	Pass
		Outer Full	24.49	/	/	18.31	/	/	<=30	Pass
		Inner Full	25.46	/	/	19.28	/	/	<=30	Pass
		Inner 1RB Left	25.27	/	/	19.09	/	/	<=30	Pass
		Inner 1RB Right	25.31	/	/	19.13	/	/	<=30	Pass
	3949.98	Edge 1RB Left	22.67	/	/	16.49	/	/	<=30	Pass
		Edge 1RB Right	22.59	/	/	16.41	/	/	<=30	Pass
		Outer Full	24.40	/	/	18.22	/	/	<=30	Pass
		Inner Full	25.37	/	/	19.19	/	/	<=30	Pass
		Inner 1RB Left	25.15	/	/	18.97	/	/	<=30	Pass
		Inner 1RB Right	25.13	/	/	18.95	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3730.02	Edge 1RB Left	22.52	/	/	16.34	/	/	<=30	Pass
		Edge 1RB Right	22.56	/	/	16.38	/	/	<=30	Pass
		Outer Full	23.62	/	/	17.44	/	/	<=30	Pass
		Inner Full	23.60	/	/	17.42	/	/	<=30	Pass
		Inner 1RB Left	23.43	/	/	17.25	/	/	<=30	Pass
		Inner 1RB Right	23.57	/	/	17.39	/	/	<=30	Pass
	3840	Edge 1RB Left	22.97	/	/	16.79	/	/	<=30	Pass
		Edge 1RB Right	23.02	/	/	16.84	/	/	<=30	Pass
		Outer Full	24.00	/	/	17.82	/	/	<=30	Pass
		Inner Full	23.99	/	/	17.81	/	/	<=30	Pass
		Inner 1RB Left	24.01	/	/	17.83	/	/	<=30	Pass
		Inner 1RB Right	24.03	/	/	17.85	/	/	<=30	Pass
	3949.98	Edge 1RB Left	22.87	/	/	16.69	/	/	<=30	Pass
		Edge 1RB Right	22.78	/	/	16.60	/	/	<=30	Pass
		Outer Full	23.88	/	/	17.70	/	/	<=30	Pass
		Inner Full	23.88	/	/	17.70	/	/	<=30	Pass
		Inner 1RB Left	23.88	/	/	17.70	/	/	<=30	Pass
		Inner 1RB Right	23.83	/	/	17.65	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3730.02	Edge 1RB Left	21.41	/	/	15.23	/	/	<=30	Pass
		Edge 1RB Right	21.53	/	/	15.35	/	/	<=30	Pass
		Outer Full	21.60	/	/	15.42	/	/	<=30	Pass
		Inner Full	21.58	/	/	15.40	/	/	<=30	Pass
		Inner 1RB Left	21.40	/	/	15.22	/	/	<=30	Pass
		Inner 1RB Right	21.55	/	/	15.37	/	/	<=30	Pass
	3840	Edge 1RB Left	21.99	/	/	15.81	/	/	<=30	Pass
		Edge 1RB Right	21.95	/	/	15.77	/	/	<=30	Pass

		Outer Full	22.00	/	/	15.82	/	/	<=30	Pass
		Inner Full	21.98	/	/	15.80	/	/	<=30	Pass
		Inner 1RB Left	21.99	/	/	15.81	/	/	<=30	Pass
		Inner 1RB Right	21.97	/	/	15.79	/	/	<=30	Pass
	3949.98	Edge 1RB Left	21.90	/	/	15.72	/	/	<=30	Pass
		Edge 1RB Right	21.76	/	/	15.58	/	/	<=30	Pass
		Outer Full	21.86	/	/	15.68	/	/	<=30	Pass
		Inner Full	21.86	/	/	15.68	/	/	<=30	Pass
		Inner 1RB Left	21.88	/	/	15.70	/	/	<=30	Pass
		Inner 1RB Right	21.87	/	/	15.69	/	/	<=30	Pass
		Edge 1RB Left	22.47	/	/	16.29	/	/	<=30	Pass
		Edge 1RB Right	22.62	/	/	16.44	/	/	<=30	Pass
CP-OFDM QPSK	3730.02	Outer Full	23.08	/	/	16.90	/	/	<=30	Pass
		Inner Full	24.61	/	/	18.43	/	/	<=30	Pass
		Inner 1RB Left	24.56	/	/	18.38	/	/	<=30	Pass
		Inner 1RB Right	24.56	/	/	18.38	/	/	<=30	Pass
	3840	Edge 1RB Left	23.12	/	/	16.94	/	/	<=30	Pass
		Edge 1RB Right	22.99	/	/	16.81	/	/	<=30	Pass
		Outer Full	23.50	/	/	17.32	/	/	<=30	Pass
		Inner Full	25.02	/	/	18.84	/	/	<=30	Pass
		Inner 1RB Left	25.08	/	/	18.90	/	/	<=30	Pass
		Inner 1RB Right	24.98	/	/	18.80	/	/	<=30	Pass
	3949.98	Edge 1RB Left	22.88	/	/	16.70	/	/	<=30	Pass
		Edge 1RB Right	22.88	/	/	16.70	/	/	<=30	Pass
		Outer Full	23.37	/	/	17.19	/	/	<=30	Pass
		Inner Full	24.88	/	/	18.70	/	/	<=30	Pass
		Inner 1RB Left	24.87	/	/	18.69	/	/	<=30	Pass
		Inner 1RB Right	24.73	/	/	18.55	/	/	<=30	Pass
CP-OFDM 16 QAM	3730.02	Edge 1RB Left	22.29	/	/	16.11	/	/	<=30	Pass
		Edge 1RB Right	22.41	/	/	16.23	/	/	<=30	Pass
		Outer Full	23.12	/	/	16.94	/	/	<=30	Pass
		Inner Full	24.11	/	/	17.93	/	/	<=30	Pass
		Inner 1RB Left	23.82	/	/	17.64	/	/	<=30	Pass
		Inner 1RB Right	23.95	/	/	17.77	/	/	<=30	Pass
	3840	Edge 1RB Left	22.78	/	/	16.60	/	/	<=30	Pass
		Edge 1RB Right	22.76	/	/	16.58	/	/	<=30	Pass
		Outer Full	23.53	/	/	17.35	/	/	<=30	Pass
		Inner Full	24.49	/	/	18.31	/	/	<=30	Pass
		Inner 1RB Left	24.30	/	/	18.12	/	/	<=30	Pass
		Inner 1RB Right	24.38	/	/	18.20	/	/	<=30	Pass
	3949.98	Edge 1RB Left	22.70	/	/	16.52	/	/	<=30	Pass
		Edge 1RB Right	22.62	/	/	16.44	/	/	<=30	Pass
		Outer Full	23.38	/	/	17.20	/	/	<=30	Pass
		Inner Full	24.38	/	/	18.20	/	/	<=30	Pass
		Inner 1RB Left	24.28	/	/	18.10	/	/	<=30	Pass
		Inner 1RB Right	24.21	/	/	18.03	/	/	<=30	Pass
CP-OFDM 64 QAM	3730.02	Edge 1RB Left	22.44	/	/	16.26	/	/	<=30	Pass
		Edge 1RB Right	22.55	/	/	16.37	/	/	<=30	Pass
		Outer Full	22.61	/	/	16.43	/	/	<=30	Pass
		Inner Full	22.66	/	/	16.48	/	/	<=30	Pass
		Inner 1RB Left	22.43	/	/	16.25	/	/	<=30	Pass
		Inner 1RB Right	22.57	/	/	16.39	/	/	<=30	Pass
	3840	Edge 1RB Left	22.88	/	/	16.70	/	/	<=30	Pass
		Edge 1RB Right	22.91	/	/	16.73	/	/	<=30	Pass
		Outer Full	23.01	/	/	16.83	/	/	<=30	Pass
		Inner Full	22.99	/	/	16.81	/	/	<=30	Pass
		Inner 1RB Left	22.94	/	/	16.76	/	/	<=30	Pass
		Inner 1RB Right	22.91	/	/	16.73	/	/	<=30	Pass
	3949.98	Edge 1RB Left	22.73	/	/	16.55	/	/	<=30	Pass

		Edge 1RB Right	22.74	/	/	16.56	/	/	<=30	Pass	
		Outer_Full	22.93	/	/	16.75	/	/	<=30	Pass	
		Inner_Full	22.90	/	/	16.72	/	/	<=30	Pass	
		Inner_1RB_Left	22.79	/	/	16.61	/	/	<=30	Pass	
		Inner_1RB_Right	22.72	/	/	16.54	/	/	<=30	Pass	
CP-OFDM 256 QAM	3730.02	Edge 1RB Left	19.43	/	/	13.25	/	/	<=30	Pass	
		Edge 1RB Right	19.60	/	/	13.42	/	/	<=30	Pass	
		Outer_Full	19.57	/	/	13.39	/	/	<=30	Pass	
		Inner_Full	19.66	/	/	13.48	/	/	<=30	Pass	
		Inner_1RB_Left	19.51	/	/	13.33	/	/	<=30	Pass	
		Inner_1RB_Right	19.61	/	/	13.43	/	/	<=30	Pass	
		Edge 1RB Left	19.95	/	/	13.77	/	/	<=30	Pass	
	3840	Edge 1RB Right	19.98	/	/	13.80	/	/	<=30	Pass	
		Outer_Full	20.02	/	/	13.84	/	/	<=30	Pass	
		Inner_Full	20.03	/	/	13.85	/	/	<=30	Pass	
		Inner_1RB_Left	19.98	/	/	13.80	/	/	<=30	Pass	
		Inner_1RB_Right	20.02	/	/	13.84	/	/	<=30	Pass	
		3949.98	Edge 1RB Left	19.84	/	/	13.66	/	/	<=30	Pass
			Edge 1RB Right	19.91	/	/	13.73	/	/	<=30	Pass
	Outer_Full		19.90	/	/	13.72	/	/	<=30	Pass	
	Inner_Full		19.89	/	/	13.71	/	/	<=30	Pass	
	Inner_1RB_Left		19.85	/	/	13.67	/	/	<=30	Pass	
		Inner_1RB_Right	19.88	/	/	13.70	/	/	<=30	Pass	
	Note1: Antenna Gain: Ant2: -6.18dBi;										
	Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 30_S_70M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 70MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3735	Edge 1RB Left	22.32	/	/	16.14	/	/	<=30	Pass
		Edge 1RB Right	22.71	/	/	16.53	/	/	<=30	Pass
		Outer Full	25.50	/	/	19.32	/	/	<=30	Pass
		Inner Full	26.08	/	/	19.90	/	/	<=30	Pass
		Inner 1RB Left	25.83	/	/	19.65	/	/	<=30	Pass
		Inner 1RB Right	26.26	/	/	20.08	/	/	<=30	Pass
	3840	Edge 1RB Left	22.86	/	/	16.68	/	/	<=30	Pass
		Edge 1RB Right	22.75	/	/	16.57	/	/	<=30	Pass
		Outer Full	25.89	/	/	19.71	/	/	<=30	Pass
		Inner Full	26.42	/	/	20.24	/	/	<=30	Pass
		Inner 1RB Left	26.46	/	/	20.28	/	/	<=30	Pass
		Inner 1RB Right	26.31	/	/	20.13	/	/	<=30	Pass
	3945	Edge 1RB Left	22.74	/	/	16.56	/	/	<=30	Pass
		Edge 1RB Right	22.89	/	/	16.71	/	/	<=30	Pass
		Outer Full	25.93	/	/	19.75	/	/	<=30	Pass
		Inner Full	26.37	/	/	20.19	/	/	<=30	Pass
		Inner 1RB Left	26.28	/	/	20.10	/	/	<=30	Pass
		Inner 1RB Right	26.40	/	/	20.22	/	/	<=30	Pass
DFT-s-OFDM QPSK	3735	Edge 1RB Left	22.29	/	/	16.11	/	/	<=30	Pass
		Edge 1RB Right	22.66	/	/	16.48	/	/	<=30	Pass
		Outer Full	25.04	/	/	18.86	/	/	<=30	Pass
		Inner Full	26.10	/	/	19.92	/	/	<=30	Pass
		Inner 1RB Left	25.86	/	/	19.68	/	/	<=30	Pass
		Inner 1RB Right	26.22	/	/	20.04	/	/	<=30	Pass
	3840	Edge 1RB Left	22.86	/	/	16.68	/	/	<=30	Pass
		Edge 1RB Right	22.75	/	/	16.57	/	/	<=30	Pass
		Outer Full	25.43	/	/	19.25	/	/	<=30	Pass

		Inner Full	26.46	/	/	20.28	/	/	<=30	Pass
		Inner 1RB Left	26.43	/	/	20.25	/	/	<=30	Pass
		Inner 1RB Right	26.35	/	/	20.17	/	/	<=30	Pass
	3945	Edge 1RB Left	22.69	/	/	16.51	/	/	<=30	Pass
		Edge 1RB Right	22.85	/	/	16.67	/	/	<=30	Pass
		Outer Full	25.33	/	/	19.15	/	/	<=30	Pass
		Inner Full	26.41	/	/	20.23	/	/	<=30	Pass
		Inner 1RB Left	26.25	/	/	20.07	/	/	<=30	Pass
		Inner 1RB Right	26.40	/	/	20.22	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3735	Edge 1RB Left	22.24	/	/	16.06	/	/	<=30	Pass
		Edge 1RB Right	22.66	/	/	16.48	/	/	<=30	Pass
		Outer Full	24.00	/	/	17.82	/	/	<=30	Pass
		Inner Full	25.05	/	/	18.87	/	/	<=30	Pass
		Inner 1RB Left	24.76	/	/	18.58	/	/	<=30	Pass
		Inner 1RB Right	25.11	/	/	18.93	/	/	<=30	Pass
	3840	Edge 1RB Left	22.75	/	/	16.57	/	/	<=30	Pass
		Edge 1RB Right	22.64	/	/	16.46	/	/	<=30	Pass
		Outer Full	24.41	/	/	18.23	/	/	<=30	Pass
		Inner Full	25.37	/	/	19.19	/	/	<=30	Pass
		Inner 1RB Left	25.20	/	/	19.02	/	/	<=30	Pass
		Inner 1RB Right	25.15	/	/	18.97	/	/	<=30	Pass
	3945	Edge 1RB Left	22.69	/	/	16.51	/	/	<=30	Pass
		Edge 1RB Right	22.79	/	/	16.61	/	/	<=30	Pass
		Outer Full	24.36	/	/	18.18	/	/	<=30	Pass
		Inner Full	25.40	/	/	19.22	/	/	<=30	Pass
		Inner 1RB Left	25.13	/	/	18.95	/	/	<=30	Pass
		Inner 1RB Right	25.30	/	/	19.12	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3735	Edge 1RB Left	22.36	/	/	16.18	/	/	<=30	Pass
		Edge 1RB Right	22.70	/	/	16.52	/	/	<=30	Pass
		Outer Full	23.53	/	/	17.35	/	/	<=30	Pass
		Inner Full	23.57	/	/	17.39	/	/	<=30	Pass
		Inner 1RB Left	23.37	/	/	17.19	/	/	<=30	Pass
		Inner 1RB Right	23.80	/	/	17.62	/	/	<=30	Pass
	3840	Edge 1RB Left	22.97	/	/	16.79	/	/	<=30	Pass
		Edge 1RB Right	22.85	/	/	16.67	/	/	<=30	Pass
		Outer Full	23.95	/	/	17.77	/	/	<=30	Pass
		Inner Full	23.91	/	/	17.73	/	/	<=30	Pass
		Inner 1RB Left	24.01	/	/	17.83	/	/	<=30	Pass
		Inner 1RB Right	23.85	/	/	17.67	/	/	<=30	Pass
	3945	Edge 1RB Left	22.79	/	/	16.61	/	/	<=30	Pass
		Edge 1RB Right	22.89	/	/	16.71	/	/	<=30	Pass
		Outer Full	23.89	/	/	17.71	/	/	<=30	Pass
		Inner Full	23.96	/	/	17.78	/	/	<=30	Pass
		Inner 1RB Left	23.80	/	/	17.62	/	/	<=30	Pass
		Inner 1RB Right	23.92	/	/	17.74	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3735	Edge 1RB Left	21.31	/	/	15.13	/	/	<=30	Pass
		Edge 1RB Right	21.70	/	/	15.52	/	/	<=30	Pass
		Outer Full	21.49	/	/	15.31	/	/	<=30	Pass
		Inner Full	21.55	/	/	15.37	/	/	<=30	Pass
		Inner 1RB Left	21.31	/	/	15.13	/	/	<=30	Pass
		Inner 1RB Right	21.69	/	/	15.51	/	/	<=30	Pass
	3840	Edge 1RB Left	21.90	/	/	15.72	/	/	<=30	Pass
		Edge 1RB Right	21.77	/	/	15.59	/	/	<=30	Pass
		Outer Full	21.91	/	/	15.73	/	/	<=30	Pass
		Inner Full	21.89	/	/	15.71	/	/	<=30	Pass
		Inner 1RB Left	21.90	/	/	15.72	/	/	<=30	Pass
		Inner 1RB Right	21.79	/	/	15.61	/	/	<=30	Pass
	3945	Edge 1RB Left	21.79	/	/	15.61	/	/	<=30	Pass
		Edge 1RB Right	21.87	/	/	15.69	/	/	<=30	Pass

		Outer Full	21.83	/	/	15.65	/	/	<=30	Pass
		Inner Full	21.80	/	/	15.62	/	/	<=30	Pass
		Inner 1RB Left	21.79	/	/	15.61	/	/	<=30	Pass
		Inner 1RB Right	21.87	/	/	15.69	/	/	<=30	Pass
CP-OFDM QPSK	3735	Edge 1RB Left	22.37	/	/	16.19	/	/	<=30	Pass
		Edge 1RB Right	22.79	/	/	16.61	/	/	<=30	Pass
		Outer Full	23.07	/	/	16.89	/	/	<=30	Pass
		Inner Full	24.61	/	/	18.43	/	/	<=30	Pass
		Inner 1RB Left	24.33	/	/	18.15	/	/	<=30	Pass
		Inner 1RB Right	24.82	/	/	18.64	/	/	<=30	Pass
		Edge 1RB Left	22.98	/	/	16.80	/	/	<=30	Pass
		Edge 1RB Right	22.86	/	/	16.68	/	/	<=30	Pass
	3840	Outer Full	23.47	/	/	17.29	/	/	<=30	Pass
		Inner Full	24.91	/	/	18.73	/	/	<=30	Pass
		Inner 1RB Left	24.96	/	/	18.78	/	/	<=30	Pass
		Inner 1RB Right	24.94	/	/	18.76	/	/	<=30	Pass
	3945	Edge 1RB Left	22.87	/	/	16.69	/	/	<=30	Pass
		Edge 1RB Right	22.93	/	/	16.75	/	/	<=30	Pass
		Outer Full	23.39	/	/	17.21	/	/	<=30	Pass
		Inner Full	24.94	/	/	18.76	/	/	<=30	Pass
		Inner 1RB Left	25.00	/	/	18.82	/	/	<=30	Pass
		Inner 1RB Right	24.97	/	/	18.79	/	/	<=30	Pass
CP-OFDM 16 QAM	3735	Edge 1RB Left	22.26	/	/	16.08	/	/	<=30	Pass
		Edge 1RB Right	22.66	/	/	16.48	/	/	<=30	Pass
		Outer Full	23.04	/	/	16.86	/	/	<=30	Pass
		Inner Full	24.10	/	/	17.92	/	/	<=30	Pass
		Inner 1RB Left	23.65	/	/	17.47	/	/	<=30	Pass
		Inner 1RB Right	24.15	/	/	17.97	/	/	<=30	Pass
	3840	Edge 1RB Left	22.82	/	/	16.64	/	/	<=30	Pass
		Edge 1RB Right	22.74	/	/	16.56	/	/	<=30	Pass
		Outer Full	23.36	/	/	17.18	/	/	<=30	Pass
		Inner Full	24.46	/	/	18.28	/	/	<=30	Pass
		Inner 1RB Left	24.35	/	/	18.17	/	/	<=30	Pass
		Inner 1RB Right	24.29	/	/	18.11	/	/	<=30	Pass
	3945	Edge 1RB Left	22.71	/	/	16.53	/	/	<=30	Pass
		Edge 1RB Right	22.85	/	/	16.67	/	/	<=30	Pass
		Outer Full	23.40	/	/	17.22	/	/	<=30	Pass
		Inner Full	24.43	/	/	18.25	/	/	<=30	Pass
		Inner 1RB Left	24.31	/	/	18.13	/	/	<=30	Pass
		Inner 1RB Right	24.37	/	/	18.19	/	/	<=30	Pass
CP-OFDM 64 QAM	3735	Edge 1RB Left	22.35	/	/	16.17	/	/	<=30	Pass
		Edge 1RB Right	22.73	/	/	16.55	/	/	<=30	Pass
		Outer Full	22.55	/	/	16.37	/	/	<=30	Pass
		Inner Full	22.63	/	/	16.45	/	/	<=30	Pass
		Inner 1RB Left	22.35	/	/	16.17	/	/	<=30	Pass
		Inner 1RB Right	22.76	/	/	16.58	/	/	<=30	Pass
	3840	Edge 1RB Left	22.94	/	/	16.76	/	/	<=30	Pass
		Edge 1RB Right	22.80	/	/	16.62	/	/	<=30	Pass
		Outer Full	22.94	/	/	16.76	/	/	<=30	Pass
		Inner Full	22.90	/	/	16.72	/	/	<=30	Pass
		Inner 1RB Left	22.94	/	/	16.76	/	/	<=30	Pass
		Inner 1RB Right	22.90	/	/	16.72	/	/	<=30	Pass
	3945	Edge 1RB Left	22.75	/	/	16.57	/	/	<=30	Pass
		Edge 1RB Right	22.86	/	/	16.68	/	/	<=30	Pass
		Outer Full	22.86	/	/	16.68	/	/	<=30	Pass
		Inner Full	22.98	/	/	16.80	/	/	<=30	Pass
		Inner 1RB Left	22.78	/	/	16.60	/	/	<=30	Pass
		Inner 1RB Right	22.88	/	/	16.70	/	/	<=30	Pass
CP-OFDM 256 QAM	3735	Edge 1RB Left	19.36	/	/	13.18	/	/	<=30	Pass

		Edge 1RB Right	19.78	/	/	13.60	/	/	<=30	Pass
		Outer_Full	19.51	/	/	13.33	/	/	<=30	Pass
		Inner_Full	19.62	/	/	13.44	/	/	<=30	Pass
		Inner_1RB_Left	19.38	/	/	13.20	/	/	<=30	Pass
		Inner_1RB_Right	19.75	/	/	13.57	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.88	/	/	13.70	/	/	<=30	Pass
		Edge_1RB_Right	19.88	/	/	13.70	/	/	<=30	Pass
		Outer_Full	19.96	/	/	13.78	/	/	<=30	Pass
		Inner_Full	19.98	/	/	13.80	/	/	<=30	Pass
		Inner_1RB_Left	19.89	/	/	13.71	/	/	<=30	Pass
	3945	Inner_1RB_Right	19.81	/	/	13.63	/	/	<=30	Pass
		Edge_1RB_Left	19.78	/	/	13.60	/	/	<=30	Pass
		Edge_1RB_Right	19.93	/	/	13.75	/	/	<=30	Pass
		Outer_Full	19.87	/	/	13.69	/	/	<=30	Pass
		Inner_Full	19.94	/	/	13.76	/	/	<=30	Pass
		Inner_1RB_Left	19.78	/	/	13.60	/	/	<=30	Pass
		Inner_1RB_Right	19.96	/	/	13.78	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -6.18dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 30_S_80M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3740.01	Edge 1RB Left	22.37	/	/	16.19	/	/	<=30	Pass
		Edge 1RB Right	22.53	/	/	16.35	/	/	<=30	Pass
		Outer Full	25.51	/	/	19.33	/	/	<=30	Pass
		Inner Full	26.07	/	/	19.89	/	/	<=30	Pass
		Inner 1RB Left	25.91	/	/	19.73	/	/	<=30	Pass
		Inner 1RB Right	26.05	/	/	19.87	/	/	<=30	Pass
	3840	Edge 1RB Left	22.84	/	/	16.66	/	/	<=30	Pass
		Edge 1RB Right	22.96	/	/	16.78	/	/	<=30	Pass
		Outer Full	25.90	/	/	19.72	/	/	<=30	Pass
		Inner Full	26.41	/	/	20.23	/	/	<=30	Pass
		Inner 1RB Left	26.29	/	/	20.11	/	/	<=30	Pass
		Inner 1RB Right	26.32	/	/	20.14	/	/	<=30	Pass
	3939.99	Edge 1RB Left	22.92	/	/	16.74	/	/	<=30	Pass
		Edge 1RB Right	22.77	/	/	16.59	/	/	<=30	Pass
		Outer Full	25.87	/	/	19.69	/	/	<=30	Pass
		Inner Full	26.37	/	/	20.19	/	/	<=30	Pass
		Inner 1RB Left	26.47	/	/	20.29	/	/	<=30	Pass
		Inner 1RB Right	26.30	/	/	20.12	/	/	<=30	Pass
DFT-s-OFDM QPSK	3740.01	Edge 1RB Left	22.35	/	/	16.17	/	/	<=30	Pass
		Edge 1RB Right	22.56	/	/	16.38	/	/	<=30	Pass
		Outer Full	25.05	/	/	18.87	/	/	<=30	Pass
		Inner Full	26.11	/	/	19.93	/	/	<=30	Pass
		Inner 1RB Left	25.87	/	/	19.69	/	/	<=30	Pass
		Inner 1RB Right	26.09	/	/	19.91	/	/	<=30	Pass
	3840	Edge 1RB Left	22.80	/	/	16.62	/	/	<=30	Pass
		Edge 1RB Right	22.76	/	/	16.58	/	/	<=30	Pass
		Outer Full	25.34	/	/	19.16	/	/	<=30	Pass
		Inner Full	26.42	/	/	20.24	/	/	<=30	Pass
		Inner 1RB Left	26.32	/	/	20.14	/	/	<=30	Pass
		Inner 1RB Right	26.29	/	/	20.11	/	/	<=30	Pass
	3939.99	Edge 1RB Left	22.85	/	/	16.67	/	/	<=30	Pass
		Edge 1RB Right	22.71	/	/	16.53	/	/	<=30	Pass
		Outer Full	25.40	/	/	19.22	/	/	<=30	Pass

		Inner Full	26.37	/	/	20.19	/	/	<=30	Pass
		Inner 1RB Left	26.44	/	/	20.26	/	/	<=30	Pass
		Inner 1RB Right	26.28	/	/	20.10	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3740.01	Edge 1RB Left	22.28	/	/	16.10	/	/	<=30	Pass
		Edge 1RB Right	22.53	/	/	16.35	/	/	<=30	Pass
		Outer Full	23.98	/	/	17.80	/	/	<=30	Pass
		Inner Full	25.07	/	/	18.89	/	/	<=30	Pass
		Inner 1RB Left	24.81	/	/	18.63	/	/	<=30	Pass
		Inner 1RB Right	25.00	/	/	18.82	/	/	<=30	Pass
		Edge 1RB Left	22.69	/	/	16.51	/	/	<=30	Pass
		Edge 1RB Right	22.68	/	/	16.50	/	/	<=30	Pass
	3840	Outer Full	24.40	/	/	18.22	/	/	<=30	Pass
		Inner Full	25.45	/	/	19.27	/	/	<=30	Pass
		Inner 1RB Left	25.15	/	/	18.97	/	/	<=30	Pass
		Inner 1RB Right	25.16	/	/	18.98	/	/	<=30	Pass
		Edge 1RB Left	22.82	/	/	16.64	/	/	<=30	Pass
		Edge 1RB Right	22.70	/	/	16.52	/	/	<=30	Pass
	3939.99	Outer Full	24.40	/	/	18.22	/	/	<=30	Pass
		Inner Full	25.42	/	/	19.24	/	/	<=30	Pass
		Inner 1RB Left	25.25	/	/	19.07	/	/	<=30	Pass
		Inner 1RB Right	25.13	/	/	18.95	/	/	<=30	Pass
		Edge 1RB Left	22.44	/	/	16.26	/	/	<=30	Pass
		Edge 1RB Right	22.60	/	/	16.42	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3740.01	Outer Full	23.48	/	/	17.30	/	/	<=30	Pass
		Inner Full	23.58	/	/	17.40	/	/	<=30	Pass
		Inner 1RB Left	23.48	/	/	17.30	/	/	<=30	Pass
		Inner 1RB Right	23.68	/	/	17.50	/	/	<=30	Pass
		Edge 1RB Left	22.84	/	/	16.66	/	/	<=30	Pass
		Edge 1RB Right	22.87	/	/	16.69	/	/	<=30	Pass
	3840	Outer Full	23.91	/	/	17.73	/	/	<=30	Pass
		Inner Full	23.98	/	/	17.80	/	/	<=30	Pass
		Inner 1RB Left	23.86	/	/	17.68	/	/	<=30	Pass
		Inner 1RB Right	23.89	/	/	17.71	/	/	<=30	Pass
		Edge 1RB Left	22.92	/	/	16.74	/	/	<=30	Pass
		Edge 1RB Right	22.81	/	/	16.63	/	/	<=30	Pass
	3939.99	Outer Full	23.86	/	/	17.68	/	/	<=30	Pass
		Inner Full	23.87	/	/	17.69	/	/	<=30	Pass
		Inner 1RB Left	23.98	/	/	17.80	/	/	<=30	Pass
		Inner 1RB Right	23.85	/	/	17.67	/	/	<=30	Pass
		Edge 1RB Left	21.36	/	/	15.18	/	/	<=30	Pass
		Edge 1RB Right	21.58	/	/	15.40	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3740.01	Outer Full	21.56	/	/	15.38	/	/	<=30	Pass
		Inner Full	21.59	/	/	15.41	/	/	<=30	Pass
		Inner 1RB Left	21.37	/	/	15.19	/	/	<=30	Pass
		Inner 1RB Right	21.53	/	/	15.35	/	/	<=30	Pass
		Edge 1RB Left	21.77	/	/	15.59	/	/	<=30	Pass
		Edge 1RB Right	21.80	/	/	15.62	/	/	<=30	Pass
	3840	Outer Full	21.88	/	/	15.70	/	/	<=30	Pass
		Inner Full	21.91	/	/	15.73	/	/	<=30	Pass
		Inner 1RB Left	21.76	/	/	15.58	/	/	<=30	Pass
		Inner 1RB Right	21.81	/	/	15.63	/	/	<=30	Pass
		Edge 1RB Left	21.95	/	/	15.77	/	/	<=30	Pass
		Edge 1RB Right	21.83	/	/	15.65	/	/	<=30	Pass
	3939.99	Outer Full	21.80	/	/	15.62	/	/	<=30	Pass
		Inner Full	21.86	/	/	15.68	/	/	<=30	Pass
		Inner 1RB Left	21.95	/	/	15.77	/	/	<=30	Pass
		Inner 1RB Right	21.84	/	/	15.66	/	/	<=30	Pass
		Edge 1RB Left	22.44	/	/	16.26	/	/	<=30	Pass
		Edge 1RB Right	22.65	/	/	16.47	/	/	<=30	Pass
CP-OFDM QPSK	3740.01	Edge 1RB Left	22.44	/	/	16.26	/	/	<=30	Pass
		Edge 1RB Right	22.65	/	/	16.47	/	/	<=30	Pass

		Outer_Full	23.02	/	/	16.84	/	/	<=30	Pass
		Inner_Full	24.59	/	/	18.41	/	/	<=30	Pass
		Inner_1RB_Left	24.53	/	/	18.35	/	/	<=30	Pass
		Inner_1RB_Right	24.67	/	/	18.49	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.84	/	/	16.66	/	/	<=30	Pass
		Edge_1RB_Right	22.89	/	/	16.71	/	/	<=30	Pass
		Outer_Full	23.41	/	/	17.23	/	/	<=30	Pass
		Inner_Full	24.91	/	/	18.73	/	/	<=30	Pass
		Inner_1RB_Left	24.89	/	/	18.71	/	/	<=30	Pass
		Inner_1RB_Right	24.89	/	/	18.71	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	22.99	/	/	16.81	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	16.65	/	/	<=30	Pass
		Outer_Full	23.39	/	/	17.21	/	/	<=30	Pass
		Inner_Full	24.88	/	/	18.70	/	/	<=30	Pass
		Inner_1RB_Left	24.97	/	/	18.79	/	/	<=30	Pass
		Inner_1RB_Right	24.83	/	/	18.65	/	/	<=30	Pass
CP-OFDM 16 QAM	3740.01	Edge_1RB_Left	22.33	/	/	16.15	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	16.29	/	/	<=30	Pass
		Outer_Full	23.00	/	/	16.82	/	/	<=30	Pass
		Inner_Full	24.07	/	/	17.89	/	/	<=30	Pass
		Inner_1RB_Left	23.95	/	/	17.77	/	/	<=30	Pass
		Inner_1RB_Right	24.00	/	/	17.82	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.77	/	/	16.59	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	16.52	/	/	<=30	Pass
		Outer_Full	23.36	/	/	17.18	/	/	<=30	Pass
		Inner_Full	24.48	/	/	18.30	/	/	<=30	Pass
		Inner_1RB_Left	24.30	/	/	18.12	/	/	<=30	Pass
		Inner_1RB_Right	24.27	/	/	18.09	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	22.84	/	/	16.66	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	16.51	/	/	<=30	Pass
		Outer_Full	23.33	/	/	17.15	/	/	<=30	Pass
		Inner_Full	24.38	/	/	18.20	/	/	<=30	Pass
		Inner_1RB_Left	24.39	/	/	18.21	/	/	<=30	Pass
		Inner_1RB_Right	24.19	/	/	18.01	/	/	<=30	Pass
CP-OFDM 64 QAM	3740.01	Edge_1RB_Left	22.40	/	/	16.22	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	16.46	/	/	<=30	Pass
		Outer_Full	22.54	/	/	16.36	/	/	<=30	Pass
		Inner_Full	22.55	/	/	16.37	/	/	<=30	Pass
		Inner_1RB_Left	22.42	/	/	16.24	/	/	<=30	Pass
		Inner_1RB_Right	22.58	/	/	16.40	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.86	/	/	16.68	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	16.63	/	/	<=30	Pass
		Outer_Full	22.91	/	/	16.73	/	/	<=30	Pass
		Inner_Full	22.90	/	/	16.72	/	/	<=30	Pass
		Inner_1RB_Left	22.87	/	/	16.69	/	/	<=30	Pass
		Inner_1RB_Right	22.83	/	/	16.65	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	22.90	/	/	16.72	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	16.59	/	/	<=30	Pass
		Outer_Full	22.89	/	/	16.71	/	/	<=30	Pass
		Inner_Full	22.84	/	/	16.66	/	/	<=30	Pass
		Inner_1RB_Left	22.96	/	/	16.78	/	/	<=30	Pass
		Inner_1RB_Right	22.76	/	/	16.58	/	/	<=30	Pass
CP-OFDM 256 QAM	3740.01	Edge_1RB_Left	19.40	/	/	13.22	/	/	<=30	Pass
		Edge_1RB_Right	19.62	/	/	13.44	/	/	<=30	Pass
		Outer_Full	19.54	/	/	13.36	/	/	<=30	Pass
		Inner_Full	19.60	/	/	13.42	/	/	<=30	Pass
		Inner_1RB_Left	19.40	/	/	13.22	/	/	<=30	Pass
		Inner_1RB_Right	19.63	/	/	13.45	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.80	/	/	13.62	/	/	<=30	Pass

		Edge_1RB_Right	19.84	/	/	13.66	/	/	<=30	Pass
		Outer_Full	19.93	/	/	13.75	/	/	<=30	Pass
		Inner_Full	19.99	/	/	13.81	/	/	<=30	Pass
		Inner_1RB_Left	19.83	/	/	13.65	/	/	<=30	Pass
		Inner_1RB_Right	19.87	/	/	13.69	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	19.94	/	/	13.76	/	/	<=30	Pass
		Edge_1RB_Right	19.76	/	/	13.58	/	/	<=30	Pass
		Outer_Full	19.93	/	/	13.75	/	/	<=30	Pass
		Inner_Full	19.92	/	/	13.74	/	/	<=30	Pass
		Inner_1RB_Left	19.96	/	/	13.78	/	/	<=30	Pass
		Inner_1RB_Right	19.80	/	/	13.62	/	/	<=30	Pass
	Note1: Antenna Gain: Ant2: -6.18dBi; Note2: EIRP=Conducted Power+Antenna Gain									

1.1.9 30_S_90M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3745.02	Edge 1RB Left	22.29	/	/	16.11	/	/	<=30	Pass
		Edge 1RB Right	22.71	/	/	16.53	/	/	<=30	Pass
		Outer Full	25.51	/	/	19.33	/	/	<=30	Pass
		Inner Full	26.21	/	/	20.03	/	/	<=30	Pass
		Inner 1RB Left	25.81	/	/	19.63	/	/	<=30	Pass
		Inner 1RB Right	26.22	/	/	20.04	/	/	<=30	Pass
	3840	Edge 1RB Left	22.76	/	/	16.58	/	/	<=30	Pass
		Edge 1RB Right	22.91	/	/	16.73	/	/	<=30	Pass
		Outer Full	25.86	/	/	19.68	/	/	<=30	Pass
		Inner Full	26.44	/	/	20.26	/	/	<=30	Pass
		Inner 1RB Left	26.29	/	/	20.11	/	/	<=30	Pass
		Inner 1RB Right	26.41	/	/	20.23	/	/	<=30	Pass
	3934.98	Edge 1RB Left	22.97	/	/	16.79	/	/	<=30	Pass
		Edge 1RB Right	22.67	/	/	16.49	/	/	<=30	Pass
		Outer Full	25.87	/	/	19.69	/	/	<=30	Pass
		Inner Full	26.41	/	/	20.23	/	/	<=30	Pass
		Inner 1RB Left	26.59	/	/	20.41	/	/	<=30	Pass
		Inner 1RB Right	26.19	/	/	20.01	/	/	<=30	Pass
DFT-s-OFDM QPSK	3745.02	Edge 1RB Left	22.26	/	/	16.08	/	/	<=30	Pass
		Edge 1RB Right	22.68	/	/	16.50	/	/	<=30	Pass
		Outer Full	25.05	/	/	18.87	/	/	<=30	Pass
		Inner Full	26.17	/	/	19.99	/	/	<=30	Pass
		Inner 1RB Left	25.80	/	/	19.62	/	/	<=30	Pass
		Inner 1RB Right	26.21	/	/	20.03	/	/	<=30	Pass
	3840	Edge 1RB Left	22.76	/	/	16.58	/	/	<=30	Pass
		Edge 1RB Right	22.84	/	/	16.66	/	/	<=30	Pass
		Outer Full	25.38	/	/	19.20	/	/	<=30	Pass
		Inner Full	26.47	/	/	20.29	/	/	<=30	Pass
		Inner 1RB Left	26.27	/	/	20.09	/	/	<=30	Pass
		Inner 1RB Right	26.38	/	/	20.20	/	/	<=30	Pass
	3934.98	Edge 1RB Left	23.04	/	/	16.86	/	/	<=30	Pass
		Edge 1RB Right	22.61	/	/	16.43	/	/	<=30	Pass
		Outer Full	25.36	/	/	19.18	/	/	<=30	Pass
		Inner Full	26.42	/	/	20.24	/	/	<=30	Pass
		Inner 1RB Left	26.57	/	/	20.39	/	/	<=30	Pass
		Inner 1RB Right	26.16	/	/	19.98	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3745.02	Edge 1RB Left	22.17	/	/	15.99	/	/	<=30	Pass
		Edge 1RB Right	22.66	/	/	16.48	/	/	<=30	Pass
		Outer Full	24.01	/	/	17.83	/	/	<=30	Pass

		Inner Full	25.23	/	/	19.05	/	/	<=30	Pass
		Inner 1RB Left	24.69	/	/	18.51	/	/	<=30	Pass
		Inner 1RB Right	25.13	/	/	18.95	/	/	<=30	Pass
	3840	Edge 1RB Left	22.72	/	/	16.54	/	/	<=30	Pass
		Edge 1RB Right	22.80	/	/	16.62	/	/	<=30	Pass
		Outer Full	24.45	/	/	18.27	/	/	<=30	Pass
		Inner Full	25.47	/	/	19.29	/	/	<=30	Pass
		Inner 1RB Left	25.19	/	/	19.01	/	/	<=30	Pass
		Inner 1RB Right	25.28	/	/	19.10	/	/	<=30	Pass
	3934.98	Edge 1RB Left	22.84	/	/	16.66	/	/	<=30	Pass
		Edge 1RB Right	22.60	/	/	16.42	/	/	<=30	Pass
		Outer Full	24.40	/	/	18.22	/	/	<=30	Pass
		Inner Full	25.41	/	/	19.23	/	/	<=30	Pass
		Inner 1RB Left	25.28	/	/	19.10	/	/	<=30	Pass
		Inner 1RB Right	25.01	/	/	18.83	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3745.02	Edge 1RB Left	22.25	/	/	16.07	/	/	<=30	Pass
		Edge 1RB Right	22.74	/	/	16.56	/	/	<=30	Pass
		Outer Full	23.56	/	/	17.38	/	/	<=30	Pass
		Inner Full	23.77	/	/	17.59	/	/	<=30	Pass
		Inner 1RB Left	23.35	/	/	17.17	/	/	<=30	Pass
		Inner 1RB Right	23.82	/	/	17.64	/	/	<=30	Pass
	3840	Edge 1RB Left	22.80	/	/	16.62	/	/	<=30	Pass
		Edge 1RB Right	22.90	/	/	16.72	/	/	<=30	Pass
		Outer Full	23.92	/	/	17.74	/	/	<=30	Pass
		Inner Full	23.92	/	/	17.74	/	/	<=30	Pass
		Inner 1RB Left	23.84	/	/	17.66	/	/	<=30	Pass
		Inner 1RB Right	23.89	/	/	17.71	/	/	<=30	Pass
	3934.98	Edge 1RB Left	22.96	/	/	16.78	/	/	<=30	Pass
		Edge 1RB Right	22.71	/	/	16.53	/	/	<=30	Pass
		Outer Full	23.88	/	/	17.70	/	/	<=30	Pass
		Inner Full	23.90	/	/	17.72	/	/	<=30	Pass
		Inner 1RB Left	23.98	/	/	17.80	/	/	<=30	Pass
		Inner 1RB Right	23.76	/	/	17.58	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3745.02	Edge 1RB Left	21.25	/	/	15.07	/	/	<=30	Pass
		Edge 1RB Right	21.74	/	/	15.56	/	/	<=30	Pass
		Outer Full	21.54	/	/	15.36	/	/	<=30	Pass
		Inner Full	21.66	/	/	15.48	/	/	<=30	Pass
		Inner 1RB Left	21.26	/	/	15.08	/	/	<=30	Pass
		Inner 1RB Right	21.71	/	/	15.53	/	/	<=30	Pass
	3840	Edge 1RB Left	21.74	/	/	15.56	/	/	<=30	Pass
		Edge 1RB Right	21.83	/	/	15.65	/	/	<=30	Pass
		Outer Full	21.89	/	/	15.71	/	/	<=30	Pass
		Inner Full	21.96	/	/	15.78	/	/	<=30	Pass
		Inner 1RB Left	21.76	/	/	15.58	/	/	<=30	Pass
		Inner 1RB Right	21.88	/	/	15.70	/	/	<=30	Pass
	3934.98	Edge 1RB Left	22.03	/	/	15.85	/	/	<=30	Pass
		Edge 1RB Right	21.63	/	/	15.45	/	/	<=30	Pass
		Outer Full	21.95	/	/	15.77	/	/	<=30	Pass
		Inner Full	21.89	/	/	15.71	/	/	<=30	Pass
		Inner 1RB Left	22.01	/	/	15.83	/	/	<=30	Pass
		Inner 1RB Right	21.66	/	/	15.48	/	/	<=30	Pass
CP-OFDM QPSK	3745.02	Edge 1RB Left	22.34	/	/	16.16	/	/	<=30	Pass
		Edge 1RB Right	22.78	/	/	16.60	/	/	<=30	Pass
		Outer Full	23.03	/	/	16.85	/	/	<=30	Pass
		Inner Full	24.64	/	/	18.46	/	/	<=30	Pass
		Inner 1RB Left	24.37	/	/	18.19	/	/	<=30	Pass
		Inner 1RB Right	24.75	/	/	18.57	/	/	<=30	Pass
	3840	Edge 1RB Left	22.85	/	/	16.67	/	/	<=30	Pass
		Edge 1RB Right	23.00	/	/	16.82	/	/	<=30	Pass

		Outer Full	23.39	/	/	17.21	/	/	<=30	Pass
		Inner Full	24.92	/	/	18.74	/	/	<=30	Pass
		Inner 1RB Left	25.01	/	/	18.83	/	/	<=30	Pass
		Inner 1RB Right	24.89	/	/	18.71	/	/	<=30	Pass
	3934.98	Edge 1RB Left	23.12	/	/	16.94	/	/	<=30	Pass
		Edge 1RB Right	22.76	/	/	16.58	/	/	<=30	Pass
		Outer Full	23.34	/	/	17.16	/	/	<=30	Pass
		Inner Full	24.85	/	/	18.67	/	/	<=30	Pass
		Inner 1RB Left	25.24	/	/	19.06	/	/	<=30	Pass
		Inner 1RB Right	24.80	/	/	18.62	/	/	<=30	Pass
		Edge 1RB Left	22.19	/	/	16.01	/	/	<=30	Pass
		Edge 1RB Right	22.69	/	/	16.51	/	/	<=30	Pass
CP-OFDM 16 QAM	3745.02	Outer Full	23.07	/	/	16.89	/	/	<=30	Pass
		Inner Full	24.11	/	/	17.93	/	/	<=30	Pass
		Inner 1RB Left	23.78	/	/	17.60	/	/	<=30	Pass
		Inner 1RB Right	24.13	/	/	17.95	/	/	<=30	Pass
		Edge 1RB Left	22.75	/	/	16.57	/	/	<=30	Pass
		Edge 1RB Right	22.83	/	/	16.65	/	/	<=30	Pass
	3840	Outer Full	23.42	/	/	17.24	/	/	<=30	Pass
		Inner Full	24.44	/	/	18.26	/	/	<=30	Pass
		Inner 1RB Left	24.23	/	/	18.05	/	/	<=30	Pass
		Inner 1RB Right	24.24	/	/	18.06	/	/	<=30	Pass
		Edge 1RB Left	22.93	/	/	16.75	/	/	<=30	Pass
		Edge 1RB Right	22.60	/	/	16.42	/	/	<=30	Pass
	3934.98	Outer Full	23.39	/	/	17.21	/	/	<=30	Pass
		Inner Full	24.42	/	/	18.24	/	/	<=30	Pass
		Inner 1RB Left	24.55	/	/	18.37	/	/	<=30	Pass
		Inner 1RB Right	24.05	/	/	17.87	/	/	<=30	Pass
		Edge 1RB Left	22.33	/	/	16.15	/	/	<=30	Pass
		Edge 1RB Right	22.76	/	/	16.58	/	/	<=30	Pass
CP-OFDM 64 QAM	3745.02	Outer Full	22.55	/	/	16.37	/	/	<=30	Pass
		Inner Full	22.58	/	/	16.40	/	/	<=30	Pass
		Inner 1RB Left	22.34	/	/	16.16	/	/	<=30	Pass
		Inner 1RB Right	22.71	/	/	16.53	/	/	<=30	Pass
		Edge 1RB Left	22.76	/	/	16.58	/	/	<=30	Pass
		Edge 1RB Right	22.90	/	/	16.72	/	/	<=30	Pass
	3840	Outer Full	22.92	/	/	16.74	/	/	<=30	Pass
		Inner Full	22.90	/	/	16.72	/	/	<=30	Pass
		Inner 1RB Left	22.87	/	/	16.69	/	/	<=30	Pass
		Inner 1RB Right	22.83	/	/	16.65	/	/	<=30	Pass
		Edge 1RB Left	22.99	/	/	16.81	/	/	<=30	Pass
		Edge 1RB Right	22.71	/	/	16.53	/	/	<=30	Pass
	3934.98	Outer Full	22.88	/	/	16.70	/	/	<=30	Pass
		Inner Full	22.88	/	/	16.70	/	/	<=30	Pass
		Inner 1RB Left	23.02	/	/	16.84	/	/	<=30	Pass
		Inner 1RB Right	22.69	/	/	16.51	/	/	<=30	Pass
		Edge 1RB Left	19.28	/	/	13.10	/	/	<=30	Pass
		Edge 1RB Right	19.79	/	/	13.61	/	/	<=30	Pass
CP-OFDM 256 QAM	3745.02	Outer Full	19.53	/	/	13.35	/	/	<=30	Pass
		Inner Full	19.73	/	/	13.55	/	/	<=30	Pass
		Inner 1RB Left	19.35	/	/	13.17	/	/	<=30	Pass
		Inner 1RB Right	19.74	/	/	13.56	/	/	<=30	Pass
		Edge 1RB Left	19.78	/	/	13.60	/	/	<=30	Pass
		Edge 1RB Right	19.94	/	/	13.76	/	/	<=30	Pass
	3840	Outer Full	19.89	/	/	13.71	/	/	<=30	Pass
		Inner Full	19.97	/	/	13.79	/	/	<=30	Pass
		Inner 1RB Left	19.83	/	/	13.65	/	/	<=30	Pass
		Inner 1RB Right	19.92	/	/	13.74	/	/	<=30	Pass
		Edge 1RB Left	19.95	/	/	13.77	/	/	<=30	Pass
	3934.98	Edge 1RB Left	19.95	/	/	13.77	/	/	<=30	Pass

		Edge 1RB Right	19.65	/	/	13.47	/	/	<=30	Pass
		Outer Full	19.90	/	/	13.72	/	/	<=30	Pass
		Inner Full	19.90	/	/	13.72	/	/	<=30	Pass
		Inner 1RB Left	19.98	/	/	13.80	/	/	<=30	Pass
		Inner 1RB Right	19.74	/	/	13.56	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -6.18dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.10 30_S_100M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 100MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant2*	Sum	Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Edge 1RB Left	22.38	/	/	16.20	/	/	<=30	Pass
		Edge 1RB Right	22.56	/	/	16.38	/	/	<=30	Pass
		Outer Full	25.52	/	/	19.34	/	/	<=30	Pass
		Inner Full	26.21	/	/	20.03	/	/	<=30	Pass
		Inner 1RB Left	25.88	/	/	19.70	/	/	<=30	Pass
		Inner 1RB Right	26.08	/	/	19.90	/	/	<=30	Pass
	3840	Edge 1RB Left	22.78	/	/	16.60	/	/	<=30	Pass
		Edge 1RB Right	22.95	/	/	16.77	/	/	<=30	Pass
		Outer Full	25.97	/	/	19.79	/	/	<=30	Pass
		Inner Full	26.48	/	/	20.30	/	/	<=30	Pass
		Inner 1RB Left	26.31	/	/	20.13	/	/	<=30	Pass
		Inner 1RB Right	26.50	/	/	20.32	/	/	<=30	Pass
	3930	Edge 1RB Left	22.91	/	/	16.73	/	/	<=30	Pass
		Edge 1RB Right	22.84	/	/	16.66	/	/	<=30	Pass
		Outer Full	26.04	/	/	19.86	/	/	<=30	Pass
		Inner Full	26.41	/	/	20.23	/	/	<=30	Pass
		Inner 1RB Left	26.43	/	/	20.25	/	/	<=30	Pass
		Inner 1RB Right	26.38	/	/	20.20	/	/	<=30	Pass
DFT-s-OFDM QPSK	3750	Edge 1RB Left	22.35	/	/	16.17	/	/	<=30	Pass
		Edge 1RB Right	22.52	/	/	16.34	/	/	<=30	Pass
		Outer Full	25.03	/	/	18.85	/	/	<=30	Pass
		Inner Full	26.21	/	/	20.03	/	/	<=30	Pass
		Inner 1RB Left	25.87	/	/	19.69	/	/	<=30	Pass
		Inner 1RB Right	26.10	/	/	19.92	/	/	<=30	Pass
	3840	Edge 1RB Left	22.74	/	/	16.56	/	/	<=30	Pass
		Edge 1RB Right	22.98	/	/	16.80	/	/	<=30	Pass
		Outer Full	25.43	/	/	19.25	/	/	<=30	Pass
		Inner Full	26.45	/	/	20.27	/	/	<=30	Pass
		Inner 1RB Left	26.24	/	/	20.06	/	/	<=30	Pass
		Inner 1RB Right	26.46	/	/	20.28	/	/	<=30	Pass
	3930	Edge 1RB Left	22.74	/	/	16.56	/	/	<=30	Pass
		Edge 1RB Right	22.79	/	/	16.61	/	/	<=30	Pass
		Outer Full	25.42	/	/	19.24	/	/	<=30	Pass
		Inner Full	26.43	/	/	20.25	/	/	<=30	Pass
		Inner 1RB Left	26.36	/	/	20.18	/	/	<=30	Pass
		Inner 1RB Right	26.36	/	/	20.18	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Edge 1RB Left	22.33	/	/	16.15	/	/	<=30	Pass
		Edge 1RB Right	22.50	/	/	16.32	/	/	<=30	Pass
		Outer Full	24.03	/	/	17.85	/	/	<=30	Pass
		Inner Full	25.17	/	/	18.99	/	/	<=30	Pass
		Inner 1RB Left	24.75	/	/	18.57	/	/	<=30	Pass
		Inner 1RB Right	24.97	/	/	18.79	/	/	<=30	Pass
	3840	Edge 1RB Left	22.73	/	/	16.55	/	/	<=30	Pass
		Edge 1RB Right	22.87	/	/	16.69	/	/	<=30	Pass
		Outer Full	24.43	/	/	18.25	/	/	<=30	Pass

		Inner Full	25.43	/	/	19.25	/	/	<=30	Pass
		Inner 1RB Left	25.18	/	/	19.00	/	/	<=30	Pass
		Inner 1RB Right	25.40	/	/	19.22	/	/	<=30	Pass
	3930	Edge 1RB Left	22.77	/	/	16.59	/	/	<=30	Pass
		Edge 1RB Right	22.83	/	/	16.65	/	/	<=30	Pass
		Outer Full	24.44	/	/	18.26	/	/	<=30	Pass
		Inner Full	25.48	/	/	19.30	/	/	<=30	Pass
		Inner 1RB Left	25.23	/	/	19.05	/	/	<=30	Pass
		Inner 1RB Right	25.20	/	/	19.02	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Edge 1RB Left	22.38	/	/	16.20	/	/	<=30	Pass
		Edge 1RB Right	22.62	/	/	16.44	/	/	<=30	Pass
		Outer Full	23.50	/	/	17.32	/	/	<=30	Pass
		Inner Full	23.66	/	/	17.48	/	/	<=30	Pass
		Inner 1RB Left	23.44	/	/	17.26	/	/	<=30	Pass
		Inner 1RB Right	23.67	/	/	17.49	/	/	<=30	Pass
	3840	Edge 1RB Left	22.78	/	/	16.60	/	/	<=30	Pass
		Edge 1RB Right	22.96	/	/	16.78	/	/	<=30	Pass
		Outer Full	23.90	/	/	17.72	/	/	<=30	Pass
		Inner Full	23.93	/	/	17.75	/	/	<=30	Pass
		Inner 1RB Left	23.82	/	/	17.64	/	/	<=30	Pass
		Inner 1RB Right	23.99	/	/	17.81	/	/	<=30	Pass
	3930	Edge 1RB Left	22.86	/	/	16.68	/	/	<=30	Pass
		Edge 1RB Right	22.88	/	/	16.70	/	/	<=30	Pass
		Outer Full	23.90	/	/	17.72	/	/	<=30	Pass
		Inner Full	23.91	/	/	17.73	/	/	<=30	Pass
		Inner 1RB Left	23.93	/	/	17.75	/	/	<=30	Pass
		Inner 1RB Right	23.93	/	/	17.75	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Edge 1RB Left	21.32	/	/	15.14	/	/	<=30	Pass
		Edge 1RB Right	21.53	/	/	15.35	/	/	<=30	Pass
		Outer Full	21.52	/	/	15.34	/	/	<=30	Pass
		Inner Full	21.69	/	/	15.51	/	/	<=30	Pass
		Inner 1RB Left	21.36	/	/	15.18	/	/	<=30	Pass
		Inner 1RB Right	21.58	/	/	15.40	/	/	<=30	Pass
	3840	Edge 1RB Left	21.73	/	/	15.55	/	/	<=30	Pass
		Edge 1RB Right	21.95	/	/	15.77	/	/	<=30	Pass
		Outer Full	21.88	/	/	15.70	/	/	<=30	Pass
		Inner Full	21.92	/	/	15.74	/	/	<=30	Pass
		Inner 1RB Left	21.74	/	/	15.56	/	/	<=30	Pass
		Inner 1RB Right	21.94	/	/	15.76	/	/	<=30	Pass
	3930	Edge 1RB Left	21.87	/	/	15.69	/	/	<=30	Pass
		Edge 1RB Right	21.88	/	/	15.70	/	/	<=30	Pass
		Outer Full	21.90	/	/	15.72	/	/	<=30	Pass
		Inner Full	21.95	/	/	15.77	/	/	<=30	Pass
		Inner 1RB Left	21.83	/	/	15.65	/	/	<=30	Pass
		Inner 1RB Right	21.89	/	/	15.71	/	/	<=30	Pass
CP-OFDM QPSK	3750	Edge 1RB Left	22.44	/	/	16.26	/	/	<=30	Pass
		Edge 1RB Right	22.70	/	/	16.52	/	/	<=30	Pass
		Outer Full	23.07	/	/	16.89	/	/	<=30	Pass
		Inner Full	24.65	/	/	18.47	/	/	<=30	Pass
		Inner 1RB Left	24.44	/	/	18.26	/	/	<=30	Pass
		Inner 1RB Right	24.70	/	/	18.52	/	/	<=30	Pass
	3840	Edge 1RB Left	22.85	/	/	16.67	/	/	<=30	Pass
		Edge 1RB Right	23.04	/	/	16.86	/	/	<=30	Pass
		Outer Full	23.37	/	/	17.19	/	/	<=30	Pass
		Inner Full	24.92	/	/	18.74	/	/	<=30	Pass
		Inner 1RB Left	24.89	/	/	18.71	/	/	<=30	Pass
		Inner 1RB Right	25.03	/	/	18.85	/	/	<=30	Pass
	3930	Edge 1RB Left	22.92	/	/	16.74	/	/	<=30	Pass
		Edge 1RB Right	22.93	/	/	16.75	/	/	<=30	Pass

		Outer_Full	23.39	/	/	17.21	/	/	<=30	Pass	
		Inner_Full	24.96	/	/	18.78	/	/	<=30	Pass	
		Inner_1RB_Left	24.88	/	/	18.70	/	/	<=30	Pass	
		Inner_1RB_Right	24.96	/	/	18.78	/	/	<=30	Pass	
CP-OFDM 16 QAM	3750	Edge_1RB_Left	22.33	/	/	16.15	/	/	<=30	Pass	
		Edge_1RB_Right	22.55	/	/	16.37	/	/	<=30	Pass	
		Outer_Full	23.02	/	/	16.84	/	/	<=30	Pass	
		Inner_Full	24.21	/	/	18.03	/	/	<=30	Pass	
		Inner_1RB_Left	23.89	/	/	17.71	/	/	<=30	Pass	
		Inner_1RB_Right	24.00	/	/	17.82	/	/	<=30	Pass	
		3840	Edge_1RB_Left	22.64	/	/	16.46	/	/	<=30	Pass
			Edge_1RB_Right	22.83	/	/	16.65	/	/	<=30	Pass
	Outer_Full		23.40	/	/	17.22	/	/	<=30	Pass	
	Inner_Full		24.47	/	/	18.29	/	/	<=30	Pass	
	Inner_1RB_Left		24.27	/	/	18.09	/	/	<=30	Pass	
	Inner_1RB_Right		24.36	/	/	18.18	/	/	<=30	Pass	
	3930	Edge_1RB_Left	22.82	/	/	16.64	/	/	<=30	Pass	
		Edge_1RB_Right	22.80	/	/	16.62	/	/	<=30	Pass	
		Outer_Full	23.38	/	/	17.20	/	/	<=30	Pass	
		Inner_Full	24.43	/	/	18.25	/	/	<=30	Pass	
		Inner_1RB_Left	24.34	/	/	18.16	/	/	<=30	Pass	
		Inner_1RB_Right	24.22	/	/	18.04	/	/	<=30	Pass	
CP-OFDM 64 QAM	3750	Edge_1RB_Left	22.39	/	/	16.21	/	/	<=30	Pass	
		Edge_1RB_Right	22.58	/	/	16.40	/	/	<=30	Pass	
		Outer_Full	22.57	/	/	16.39	/	/	<=30	Pass	
		Inner_Full	22.71	/	/	16.53	/	/	<=30	Pass	
		Inner_1RB_Left	22.43	/	/	16.25	/	/	<=30	Pass	
		Inner_1RB_Right	22.58	/	/	16.40	/	/	<=30	Pass	
	3840	Edge_1RB_Left	22.85	/	/	16.67	/	/	<=30	Pass	
		Edge_1RB_Right	23.04	/	/	16.86	/	/	<=30	Pass	
		Outer_Full	22.88	/	/	16.70	/	/	<=30	Pass	
		Inner_Full	22.91	/	/	16.73	/	/	<=30	Pass	
		Inner_1RB_Left	22.86	/	/	16.68	/	/	<=30	Pass	
		Inner_1RB_Right	23.01	/	/	16.83	/	/	<=30	Pass	
	3930	Edge_1RB_Left	22.87	/	/	16.69	/	/	<=30	Pass	
		Edge_1RB_Right	22.89	/	/	16.71	/	/	<=30	Pass	
		Outer_Full	22.95	/	/	16.77	/	/	<=30	Pass	
		Inner_Full	22.92	/	/	16.74	/	/	<=30	Pass	
		Inner_1RB_Left	22.88	/	/	16.70	/	/	<=30	Pass	
		Inner_1RB_Right	22.87	/	/	16.69	/	/	<=30	Pass	
CP-OFDM 256 QAM	3750	Edge_1RB_Left	19.42	/	/	13.24	/	/	<=30	Pass	
		Edge_1RB_Right	19.67	/	/	13.49	/	/	<=30	Pass	
		Outer_Full	19.49	/	/	13.31	/	/	<=30	Pass	
		Inner_Full	19.71	/	/	13.53	/	/	<=30	Pass	
		Inner_1RB_Left	19.41	/	/	13.23	/	/	<=30	Pass	
		Inner_1RB_Right	19.57	/	/	13.39	/	/	<=30	Pass	
	3840	Edge_1RB_Left	19.80	/	/	13.62	/	/	<=30	Pass	
		Edge_1RB_Right	19.98	/	/	13.80	/	/	<=30	Pass	
		Outer_Full	19.90	/	/	13.72	/	/	<=30	Pass	
		Inner_Full	19.91	/	/	13.73	/	/	<=30	Pass	
		Inner_1RB_Left	19.79	/	/	13.61	/	/	<=30	Pass	
		Inner_1RB_Right	19.95	/	/	13.77	/	/	<=30	Pass	
	3930	Edge_1RB_Left	19.86	/	/	13.68	/	/	<=30	Pass	
		Edge_1RB_Right	19.84	/	/	13.66	/	/	<=30	Pass	
		Outer_Full	19.94	/	/	13.76	/	/	<=30	Pass	
		Inner_Full	19.95	/	/	13.77	/	/	<=30	Pass	
		Inner_1RB_Left	19.89	/	/	13.71	/	/	<=30	Pass	
		Inner_1RB_Right	19.84	/	/	13.66	/	/	<=30	Pass	
Note1: Antenna Gain: Ant2: -6.18dBi:											

Note2: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 30_S_100M

5G NR n77a SCS=30kHz SISO 100MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3840	Outer_Full	20	LV	5.10	0.0013	>=-2.5 & <=2.5	Pass
				HV	16.70	0.0043	>=-2.5 & <=2.5	Pass
			-30	NV	3.10	0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	5.00	0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	14.80	0.0039	>=-2.5 & <=2.5	Pass
			0	NV	13.70	0.0036	>=-2.5 & <=2.5	Pass
			10	NV	21.30	0.0055	>=-2.5 & <=2.5	Pass
			20	NV	7.60	0.0020	>=-2.5 & <=2.5	Pass
			30	NV	18.20	0.0047	>=-2.5 & <=2.5	Pass
			40	NV	35.30	0.0092	>=-2.5 & <=2.5	Pass
			50	NV	-6.60	-0.0017	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30_S_10M_NTNV

5G NR n77a 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	3840	Outer Full	8.66	9.88	/	Pass
DFT-s-OFDM QPSK	3840	Outer Full	8.70	9.51	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer Full	8.67	9.98	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer Full	8.65	10.02	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer Full	8.66	9.37	/	Pass
CP-OFDM QPSK	3840	Outer Full	8.70	9.50	/	Pass
CP-OFDM 16 QAM	3840	Outer Full	8.64	9.82	/	Pass
CP-OFDM 64 QAM	3840	Outer Full	8.70	9.49	/	Pass
CP-OFDM 256 QAM	3840	Outer Full	8.73	9.87	/	Pass

3.1.2 30_S_20M_NTNV

5G NR n77a SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer Full	18.14	19.21	/	Pass
DFT-s-OFDM QPSK	3840	Outer Full	18.10	19.31	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer Full	18.18	19.26	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer Full	18.01	19.69	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer Full	17.97	20.05	/	Pass
CP-OFDM QPSK	3840	Outer Full	18.44	19.84	/	Pass
CP-OFDM 16 QAM	3840	Outer Full	18.42	19.89	/	Pass
CP-OFDM 64 QAM	3840	Outer Full	18.44	19.72	/	Pass
CP-OFDM 256 QAM	3840	Outer Full	18.29	19.78	/	Pass

3.1.3 30_S_30M_NTNV

5G NR n77a SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer Full	27.10	28.96	/	Pass
DFT-s-OFDM QPSK	3840	Outer Full	27.19	28.90	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer Full	27.10	28.90	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer Full	27.23	29.05	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer Full	27.18	29.20	/	Pass
CP-OFDM QPSK	3840	Outer Full	28.28	30.05	/	Pass
CP-OFDM 16 QAM	3840	Outer Full	28.26	30.23	/	Pass
CP-OFDM 64 QAM	3840	Outer Full	27.92	29.88	/	Pass
CP-OFDM 256 QAM	3840	Outer Full	28.10	29.58	/	Pass

3.1.4 30_S_40M_NTNV

5G NR n77a SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	36.05	38.39	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	36.05	38.64	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	36.22	38.46	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	36.34	38.34	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	36.47	38.67	/	Pass
CP-OFDM QPSK	3840	Outer_Full	38.21	40.93	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	38.10	40.66	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	38.41	40.73	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	38.08	40.79	/	Pass

3.1.5 30_S_50M_NTNV

5G NR n77a 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	3840	Outer_Full	46.16	49.16	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	45.98	49.38	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	46.35	49.24	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	46.13	49.31	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	46.03	49.04	/	Pass
CP-OFDM QPSK	3840	Outer_Full	47.74	50.94	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	47.83	51.11	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	47.92	51.48	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	47.80	50.79	/	Pass

3.1.6 30_S_60M_NTNV

5G NR n77a SCS=30kHz SISO 60MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	58.51	62.25	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	58.50	62.01	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	58.41	62.20	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	58.50	62.26	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	58.21	62.13	/	Pass
CP-OFDM QPSK	3840	Outer_Full	58.47	62.15	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	58.20	62.20	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	58.31	62.19	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	58.68	62.06	/	Pass

3.1.7 30_S_70M_NTNV

5G NR n77a 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	3840	Outer_Full	64.71	69.45	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	64.78	69.57	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	64.88	69.28	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	64.92	69.43	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	64.96	69.13	/	Pass
CP-OFDM QPSK	3840	Outer_Full	67.99	72.68	/	Pass

CP-OFDM 16 QAM	3840	Outer Full	68.20	72.75	/	Pass
CP-OFDM 64 QAM	3840	Outer Full	68.22	72.55	/	Pass
CP-OFDM 256 QAM	3840	Outer Full	68.06	72.59	/	Pass

3.1.8 30_S_80M_NTNV

5G NR n77a SCS=30kHz SISO 80MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer Full	77.70	82.41	/	Pass
DFT-s-OFDM QPSK	3840	Outer Full	77.76	82.66	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer Full	77.67	82.82	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer Full	78.21	82.86	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer Full	77.45	82.25	/	Pass
CP-OFDM QPSK	3840	Outer Full	77.84	83.13	/	Pass
CP-OFDM 16 QAM	3840	Outer Full	78.07	83.04	/	Pass
CP-OFDM 64 QAM	3840	Outer Full	77.94	83.01	/	Pass
CP-OFDM 256 QAM	3840	Outer Full	78.00	82.86	/	Pass

3.1.9 30_S_90M_NTNV

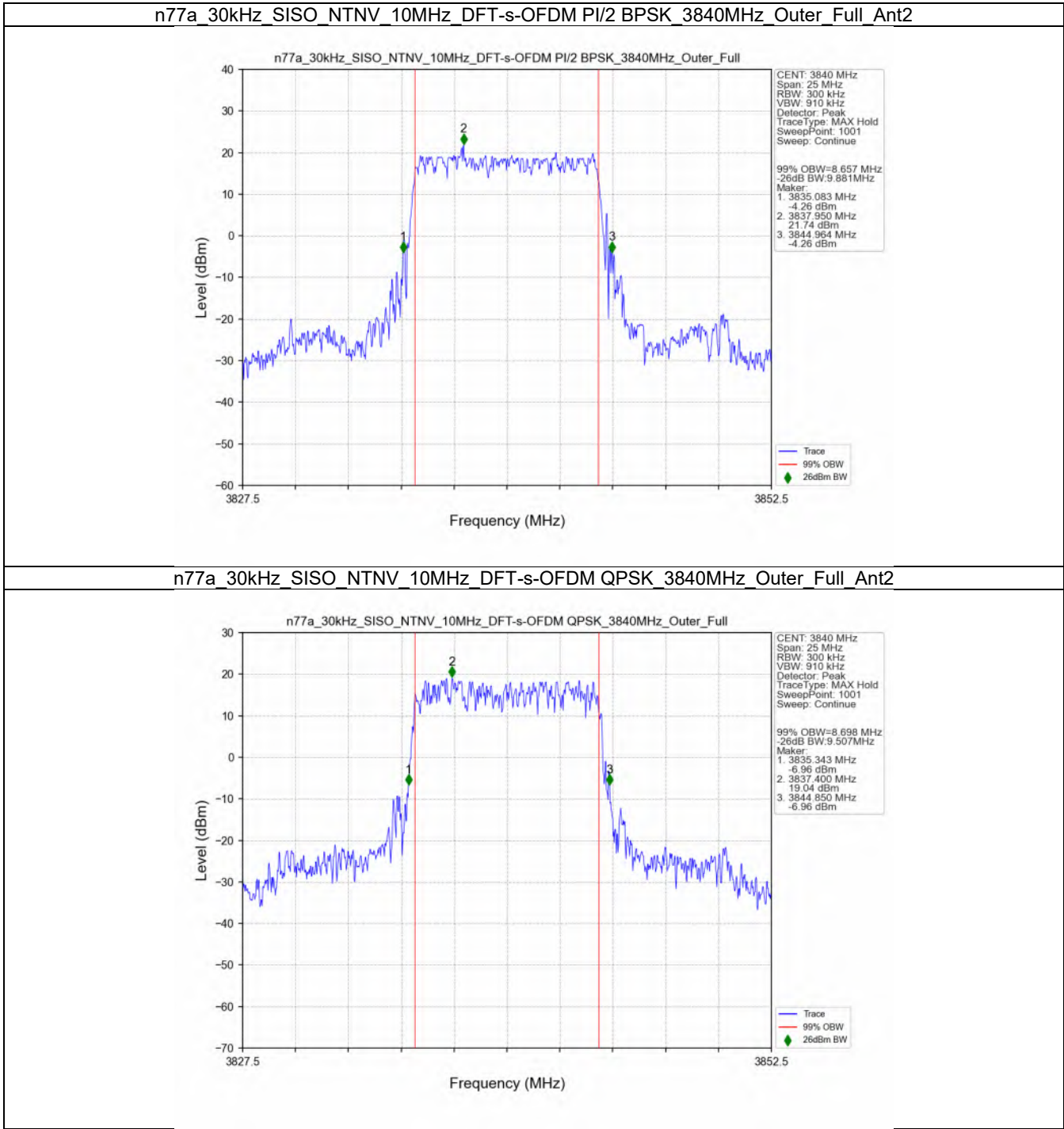
5G NR n77a SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer Full	87.67	93.36	/	Pass
DFT-s-OFDM QPSK	3840	Outer Full	87.44	93.05	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer Full	87.21	93.36	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer Full	87.32	93.13	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer Full	87.36	93.10	/	Pass
CP-OFDM QPSK	3840	Outer Full	88.61	93.92	/	Pass
CP-OFDM 16 QAM	3840	Outer Full	88.11	93.52	/	Pass
CP-OFDM 64 QAM	3840	Outer Full	87.70	93.50	/	Pass
CP-OFDM 256 QAM	3840	Outer Full	87.79	93.55	/	Pass

3.1.10 30_S_100M_NTNV

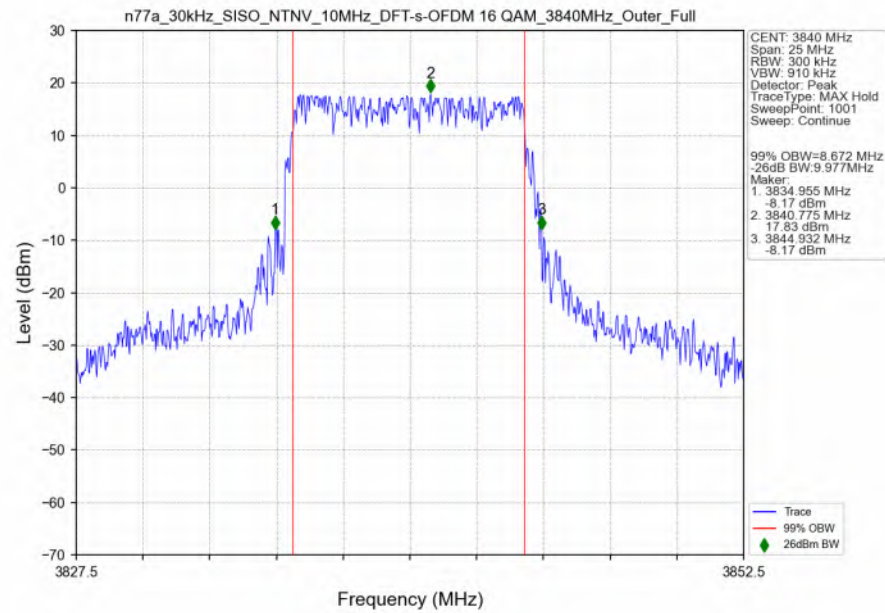
5G NR n77a SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer Full	97.13	103.74	/	Pass
DFT-s-OFDM QPSK	3840	Outer Full	96.89	103.03	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer Full	96.95	103.30	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer Full	97.20	103.32	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer Full	97.07	103.14	/	Pass
CP-OFDM QPSK	3840	Outer Full	98.41	104.46	/	Pass
CP-OFDM 16 QAM	3840	Outer Full	98.27	104.32	/	Pass
CP-OFDM 64 QAM	3840	Outer Full	98.16	104.61	/	Pass
CP-OFDM 256 QAM	3840	Outer Full	97.73	103.94	/	Pass

3.2 Test Graph

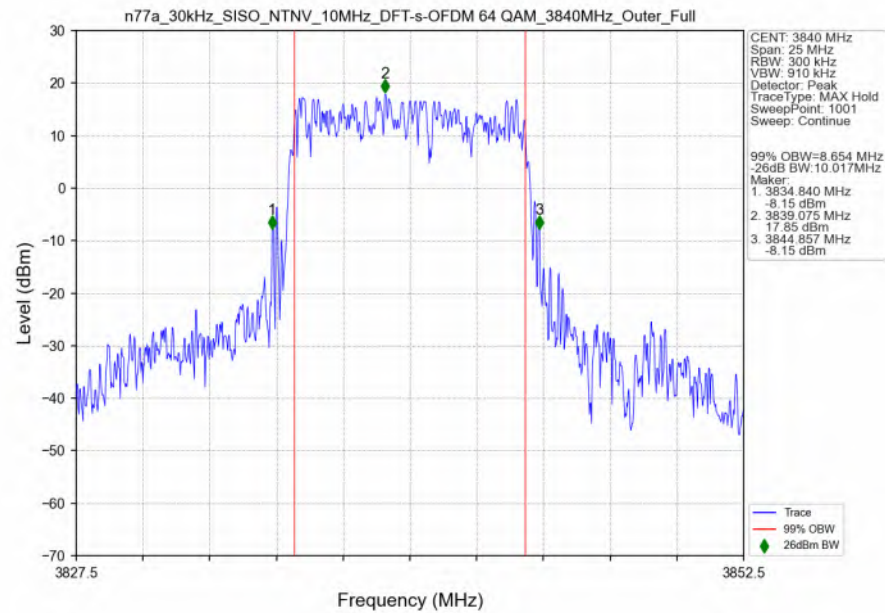
3.2.1 30_S_10M_NTNV



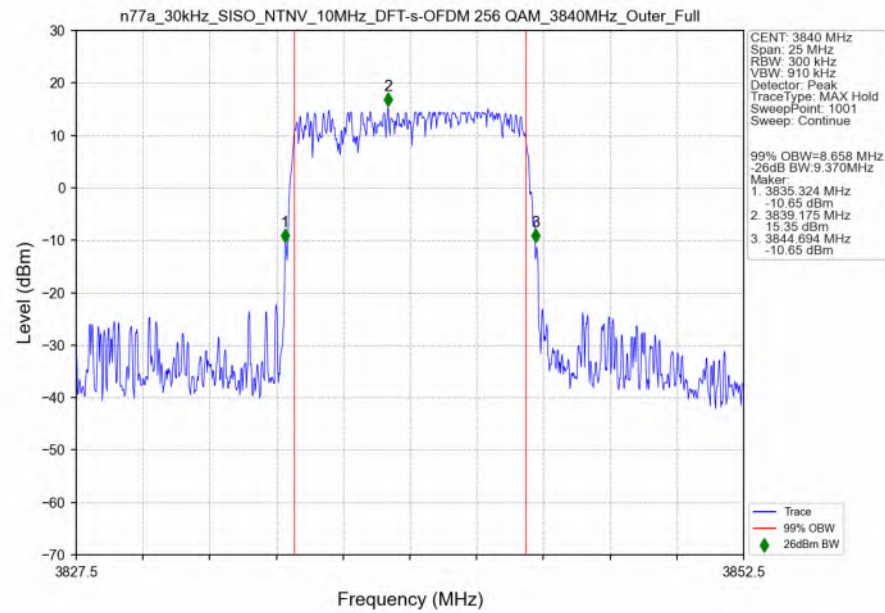
n77a 30kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant2



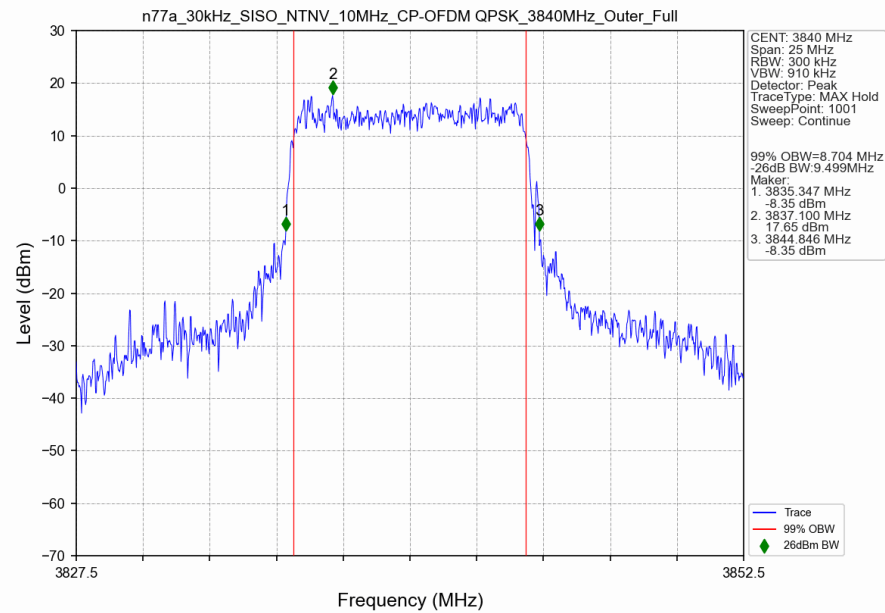
n77a 30kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant2



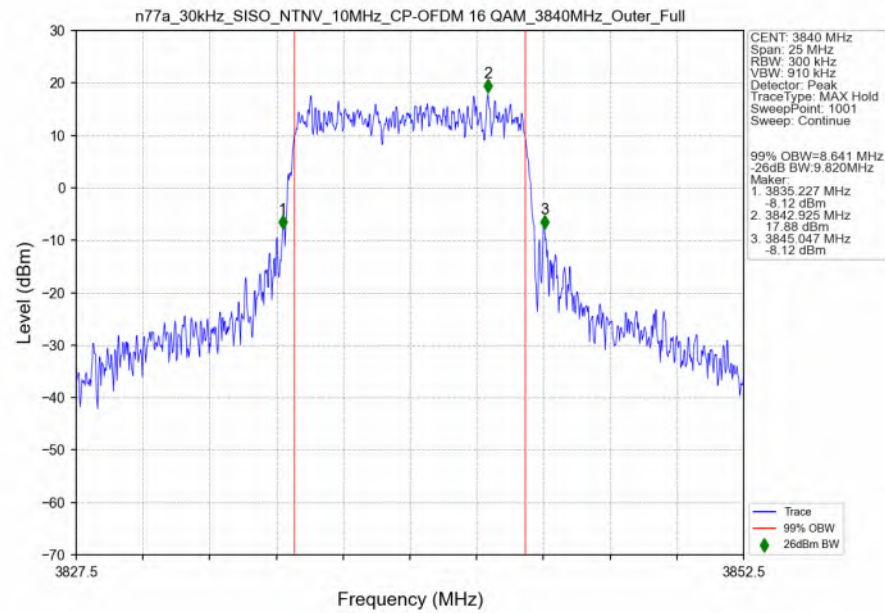
n77a 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant2



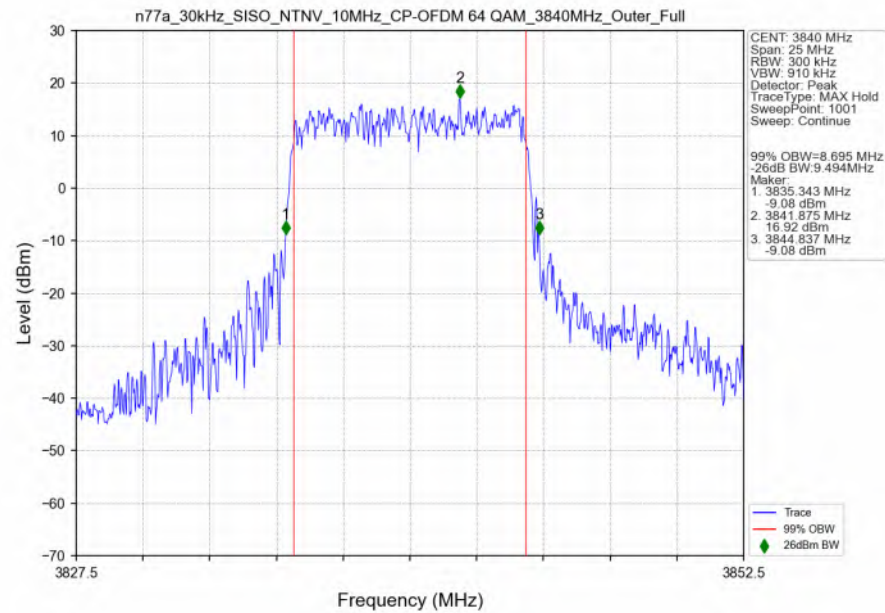
n77a 30kHz SISO NTN 10MHz CP-OFDM QPSK 3840MHz Outer Full Ant2



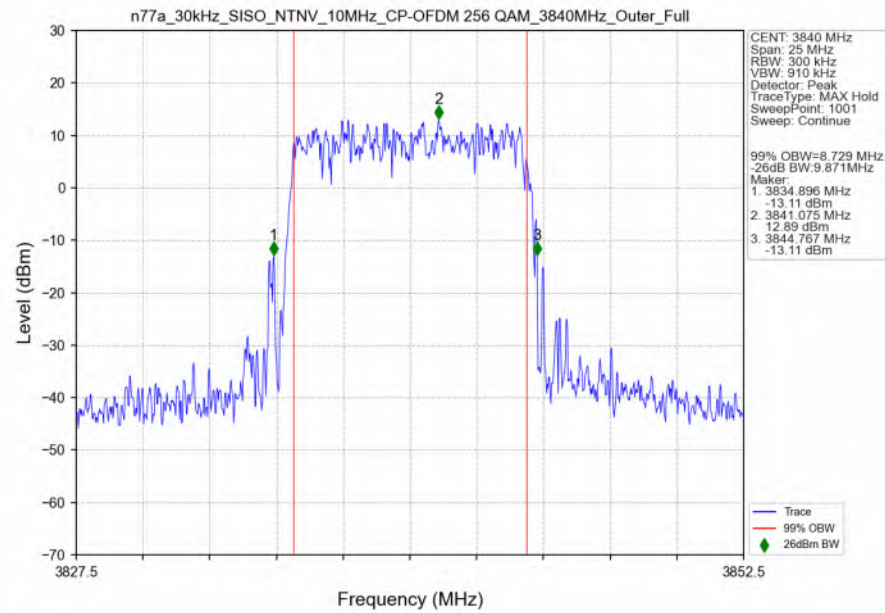
n77a 30kHz SISO NTN 10MHz CP-OFDM 16 QAM 3840MHz Outer Full Ant2



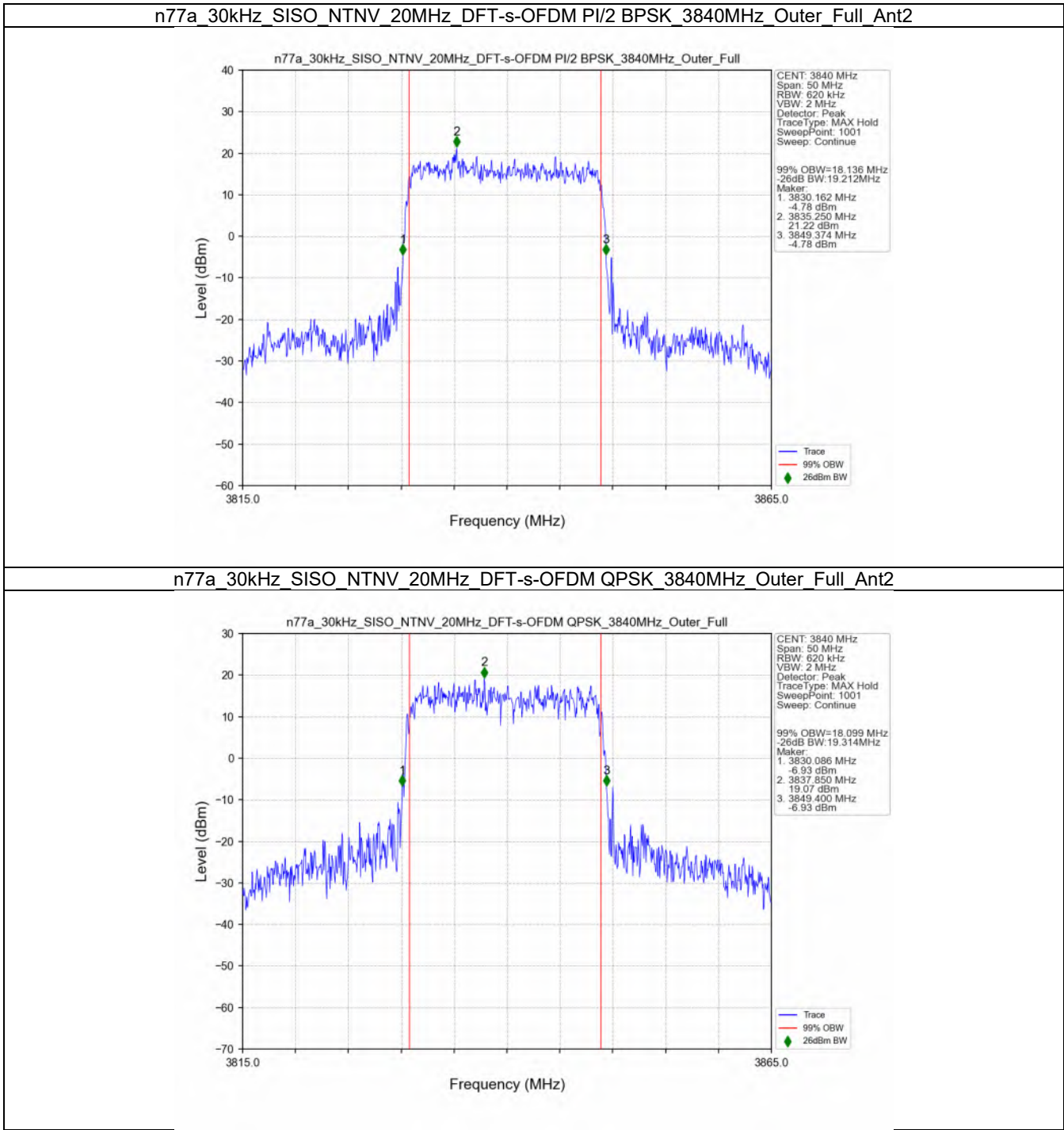
n77a 30kHz SISO NTN 10MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant2



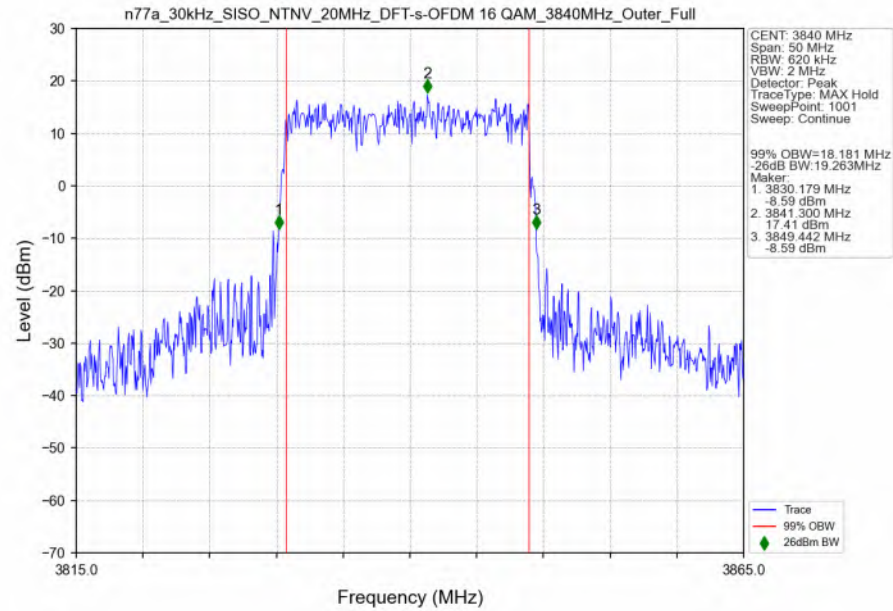
n77a 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant2



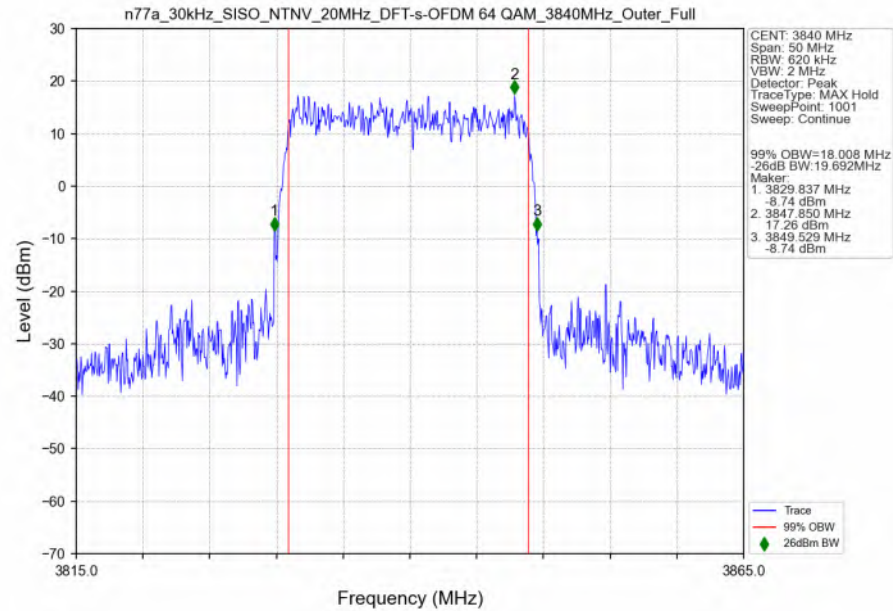
3.2.2 30_S_20M_NTNV



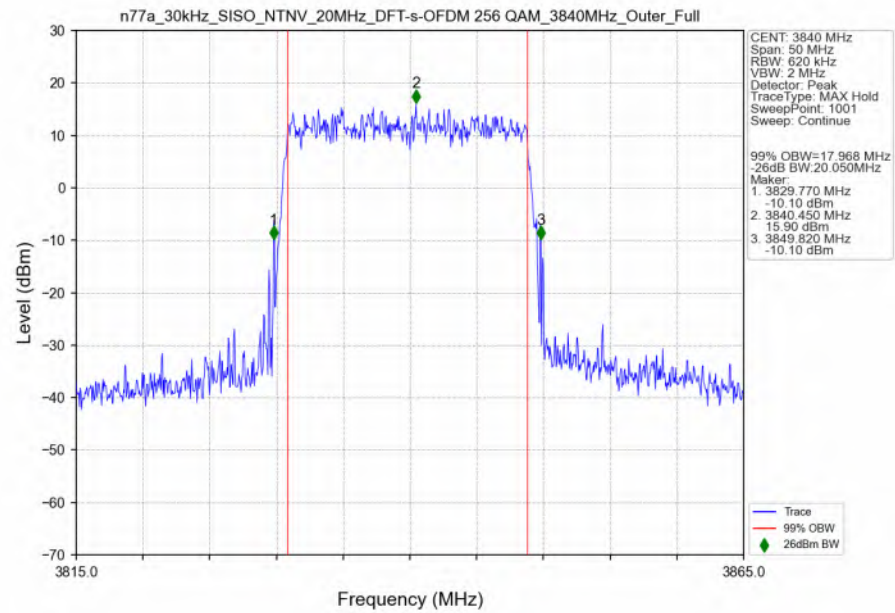
n77a 30kHz SISO NTV 20MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant2



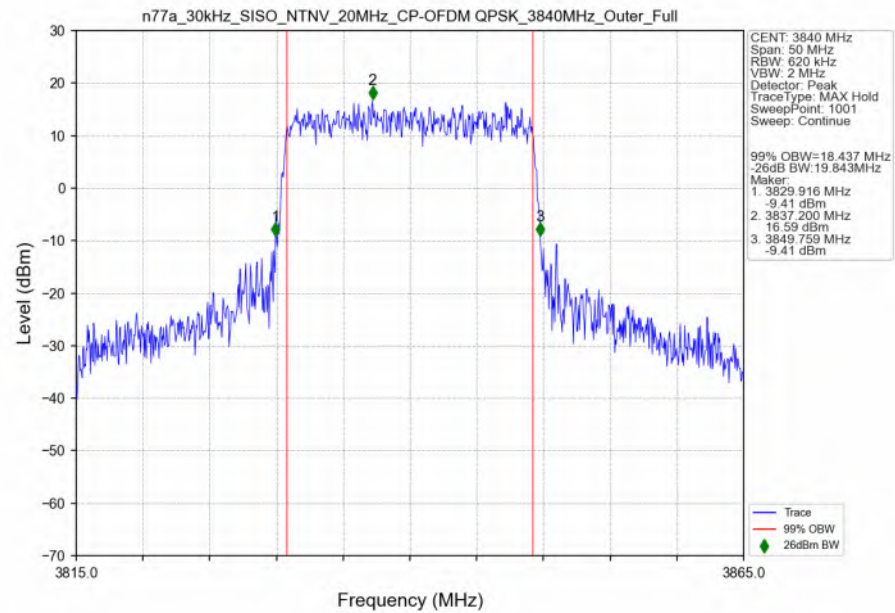
n77a 30kHz SISO NTV 20MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant2



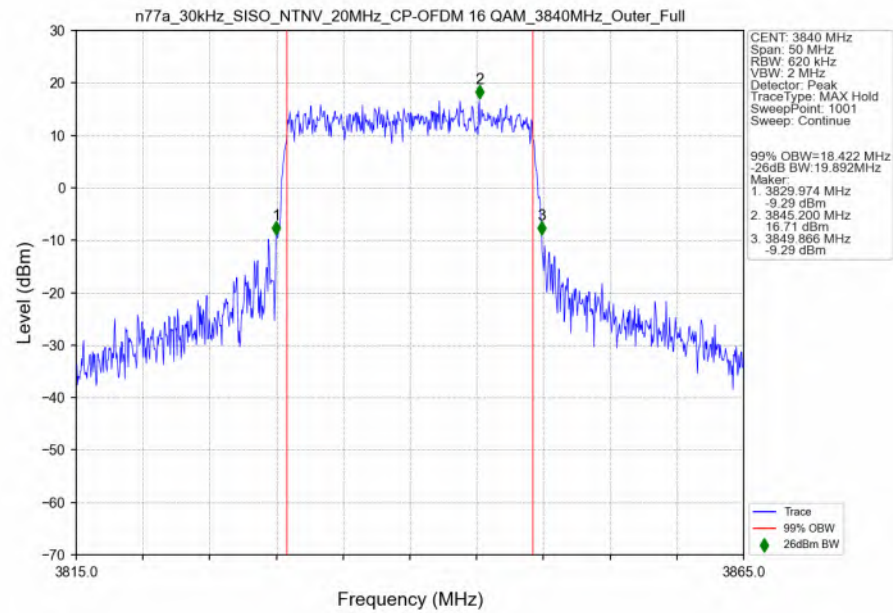
n77a 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant2



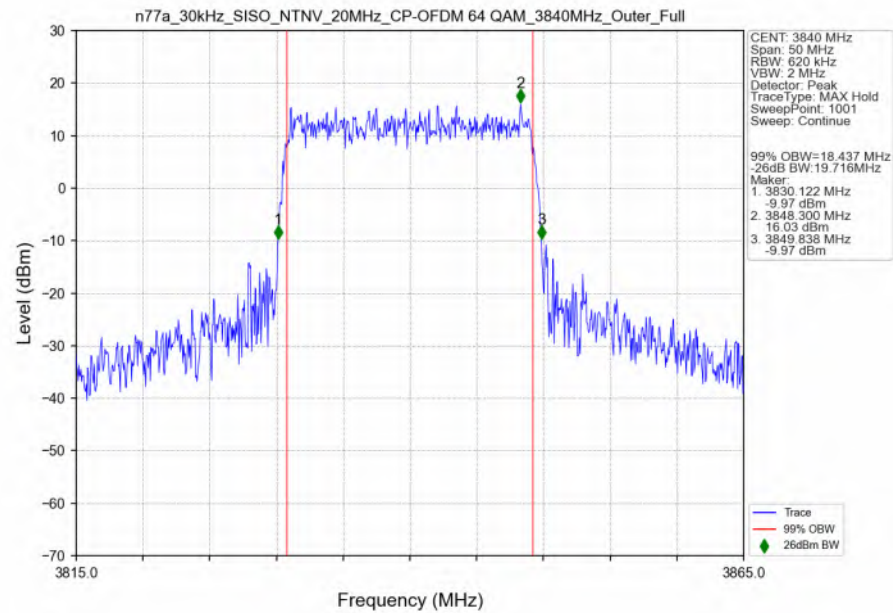
n77a 30kHz SISO NTN 20MHz CP-OFDM QPSK 3840MHz Outer Full Ant2



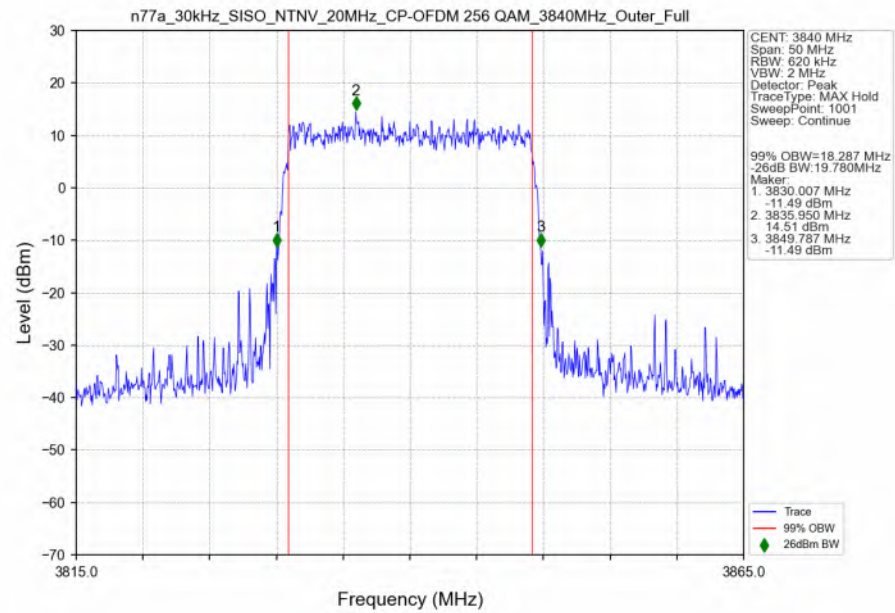
n77a 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 3840MHz Outer Full Ant2



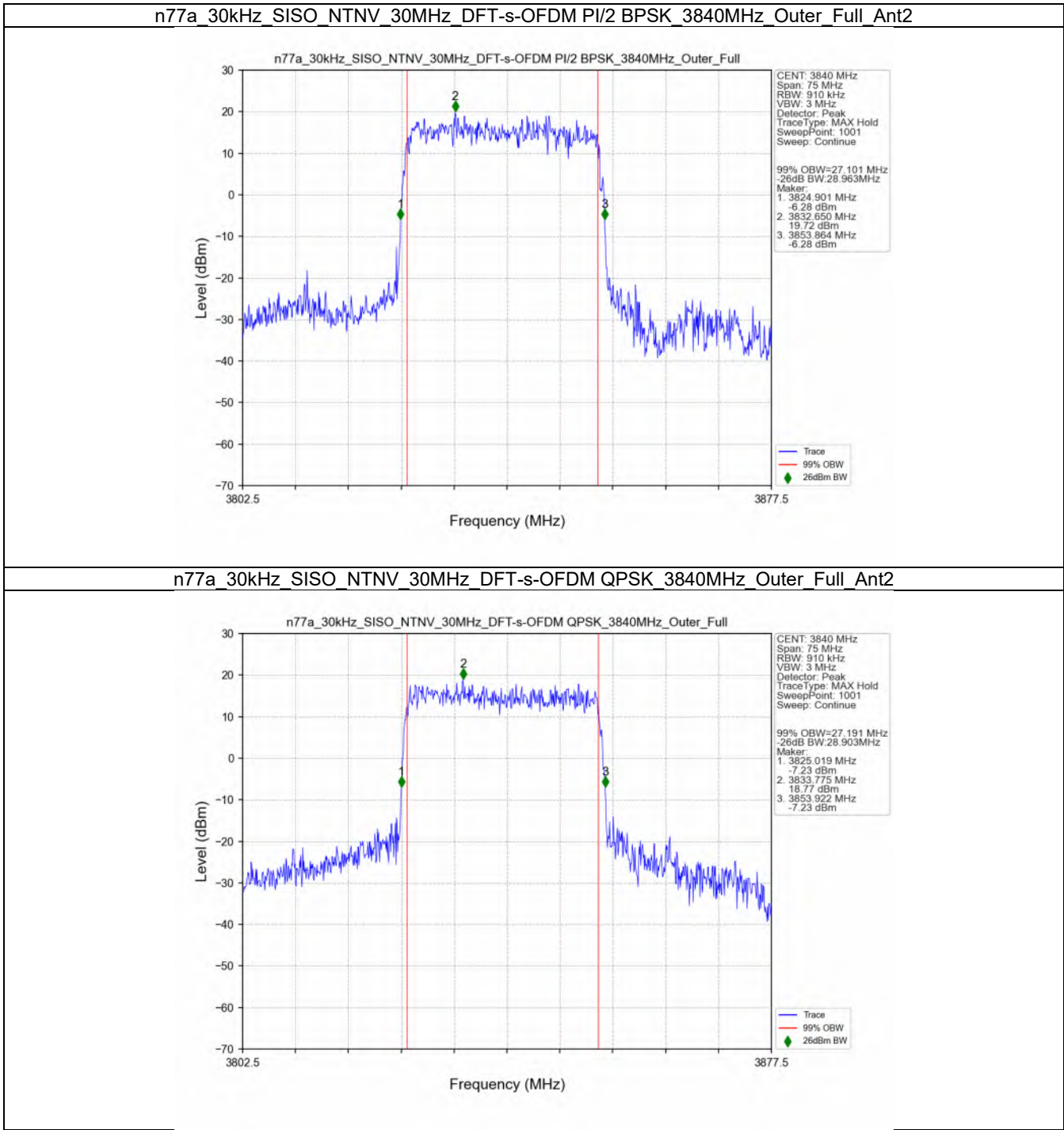
n77a 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant2



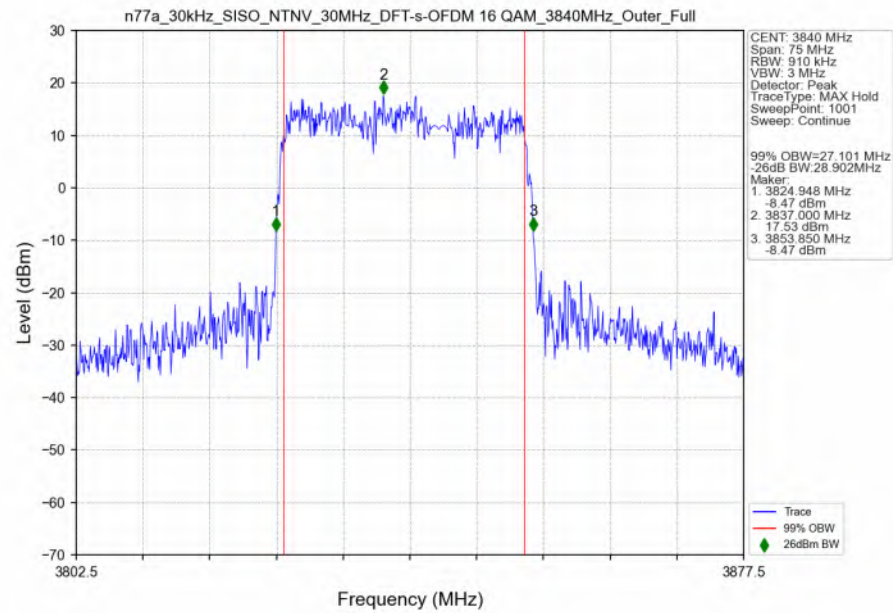
n77a 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant2



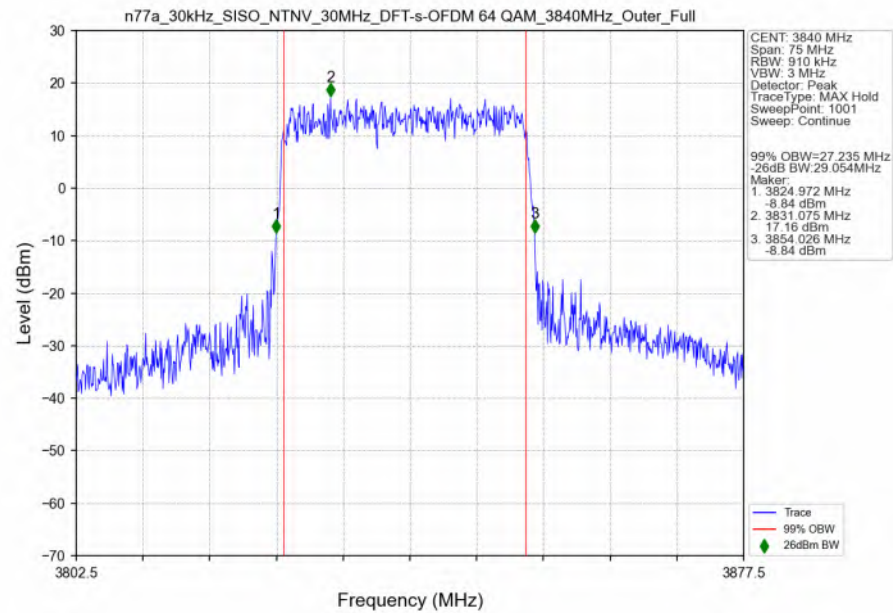
3.2.3 30_S_30M_NTNV



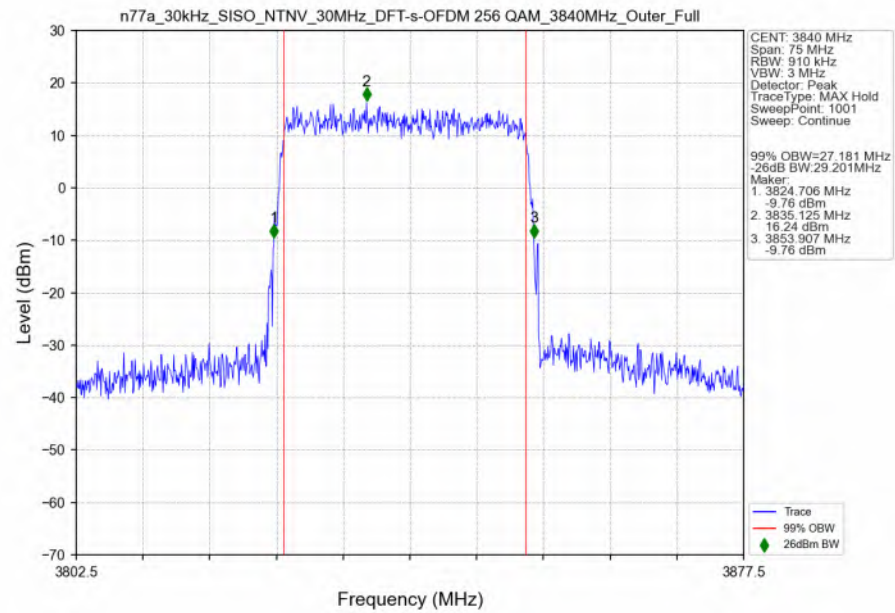
n77a 30kHz SISO NTN 30MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant2



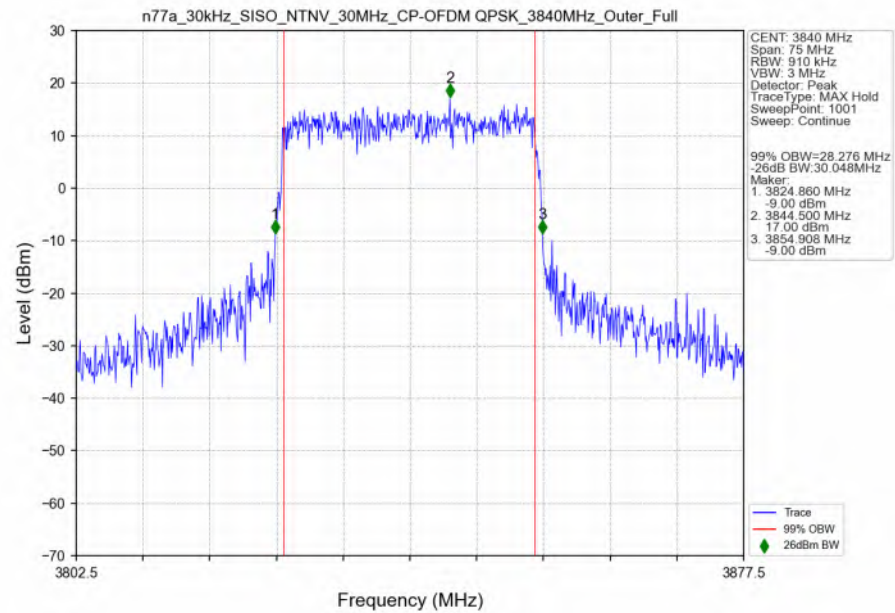
n77a 30kHz SISO NTN 30MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant2



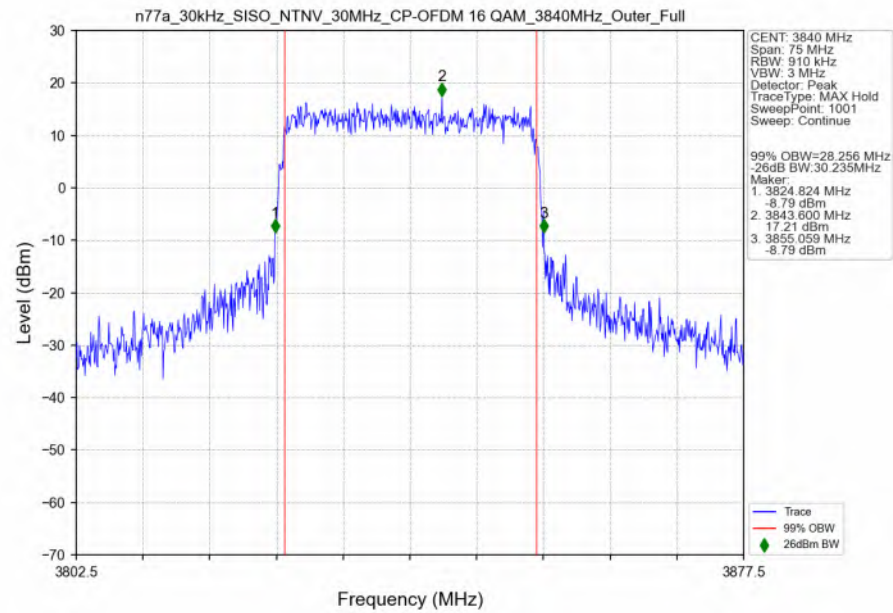
n77a 30kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant2



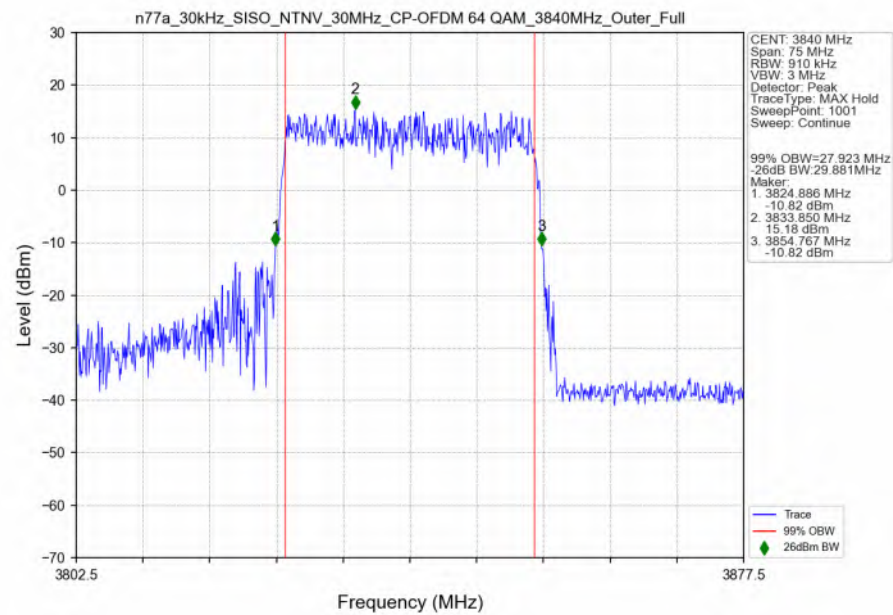
n77a 30kHz SISO NTN 30MHz CP-OFDM QPSK 3840MHz Outer Full Ant2



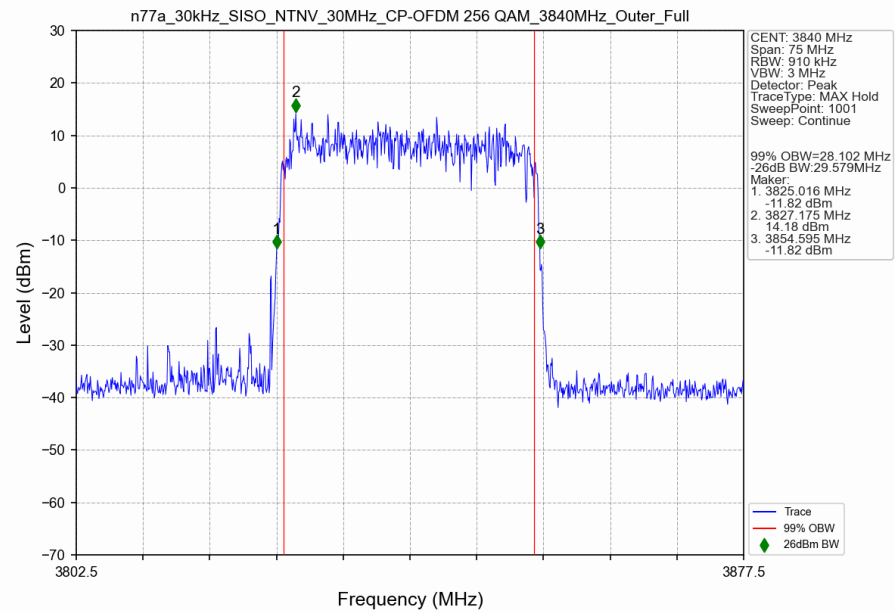
n77a 30kHz SISO NTN 30MHz CP-OFDM 16 QAM 3840MHz Outer Full Ant2



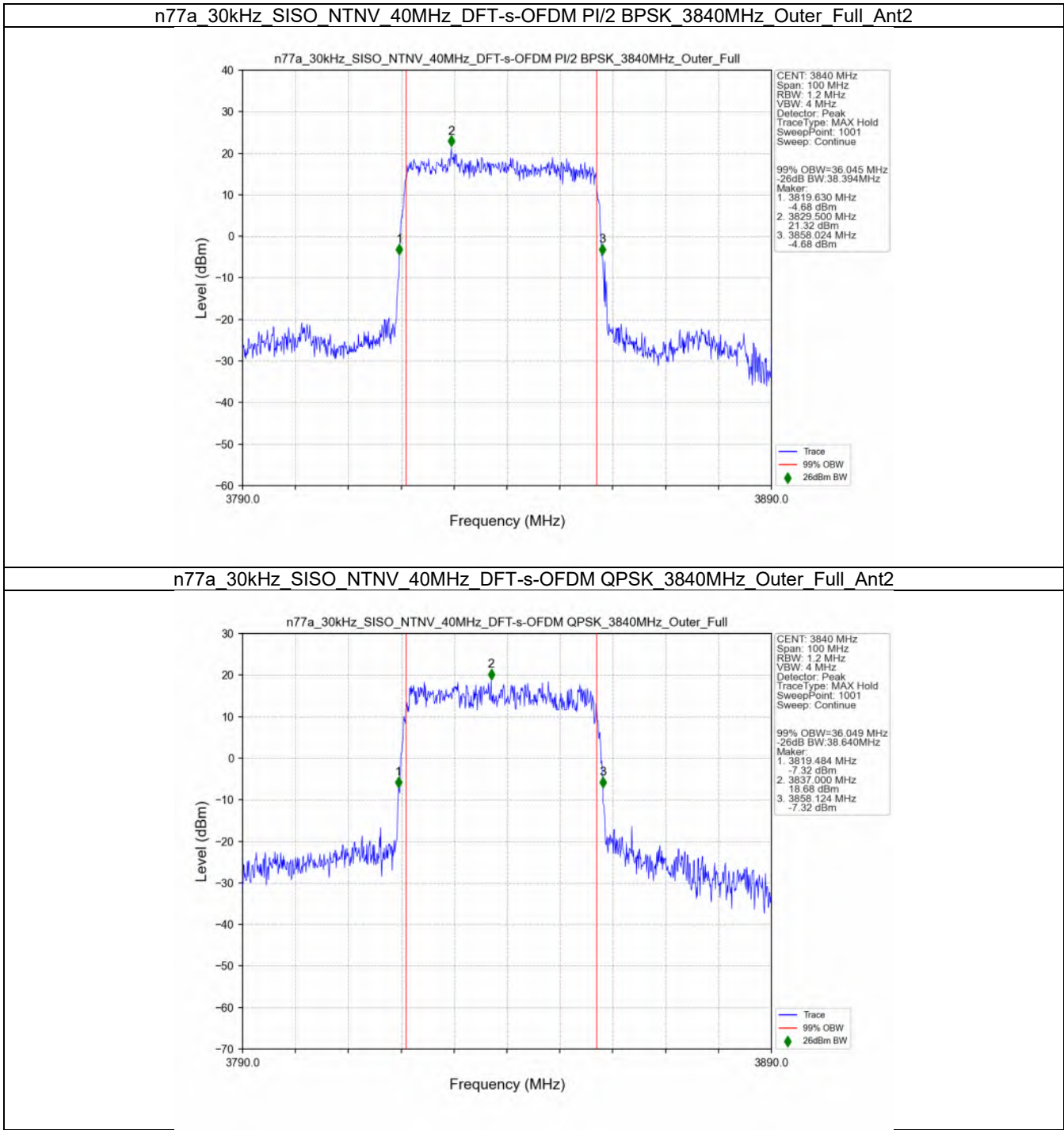
n77a 30kHz SISO NTN 30MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant2



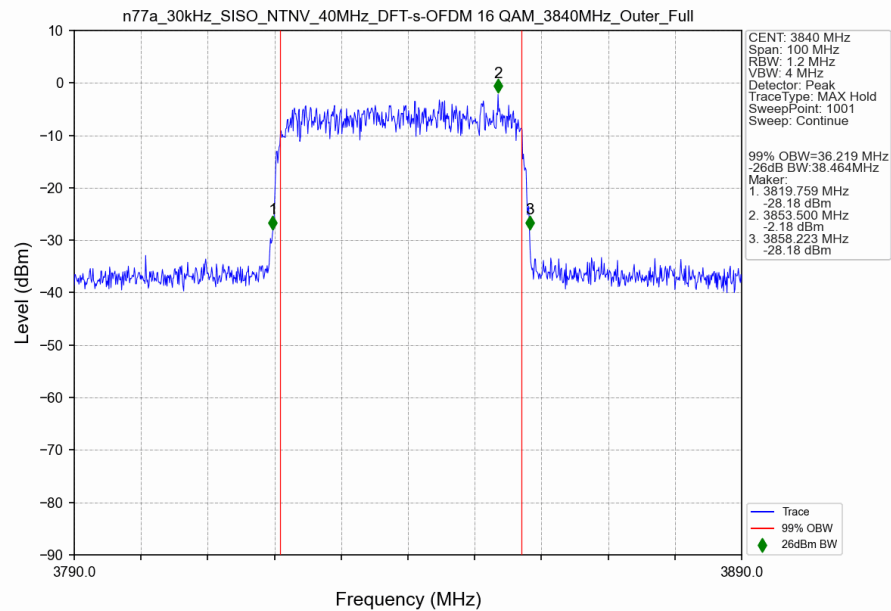
n77a 30kHz SISO NTN 30MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant2



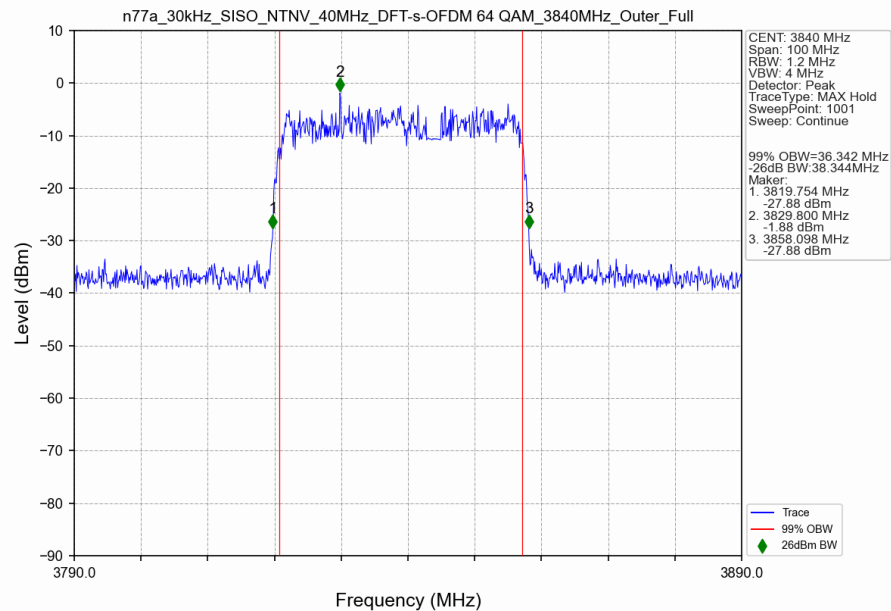
3.2.4 30_S_40M_NTNV



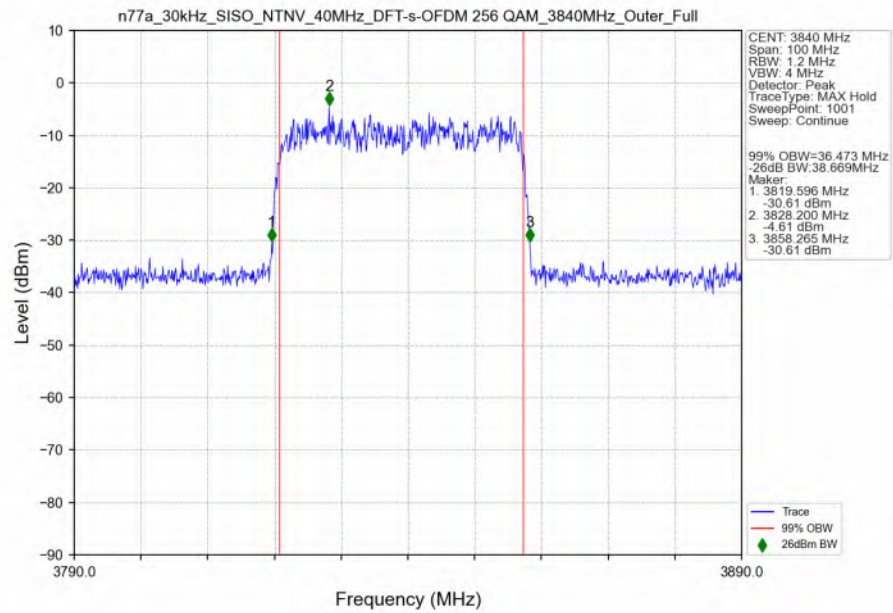
n77a 30kHz SISO NTV 40MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant2



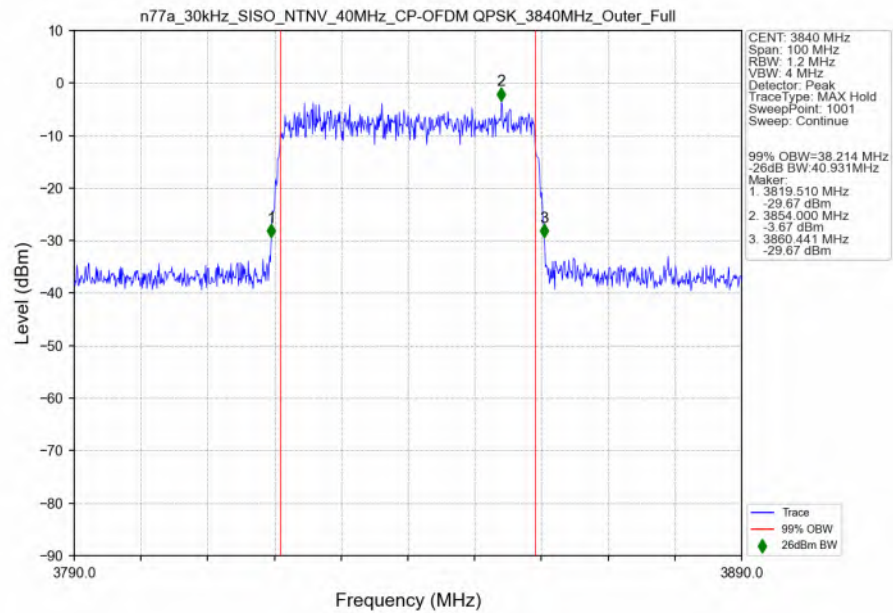
n77a 30kHz SISO NTV 40MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant2



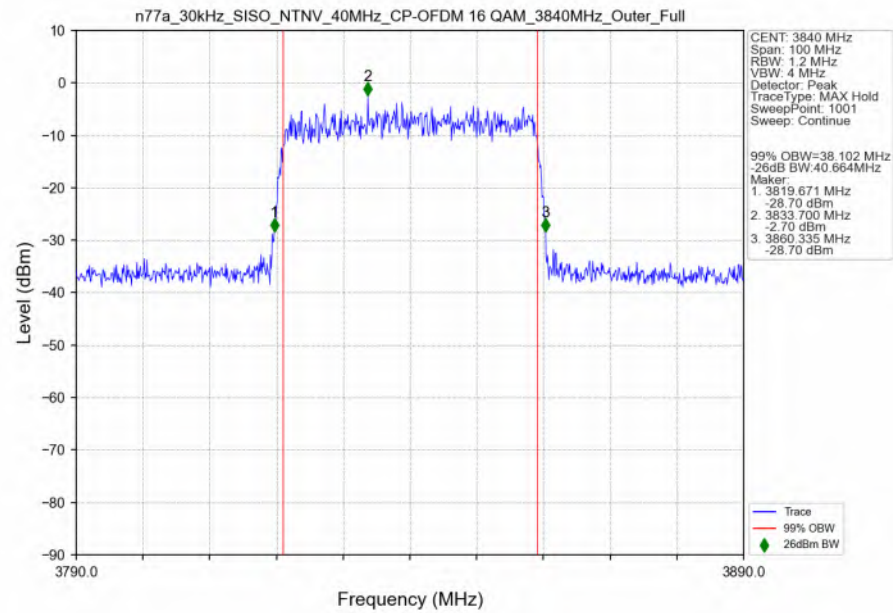
n77a 30kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant2



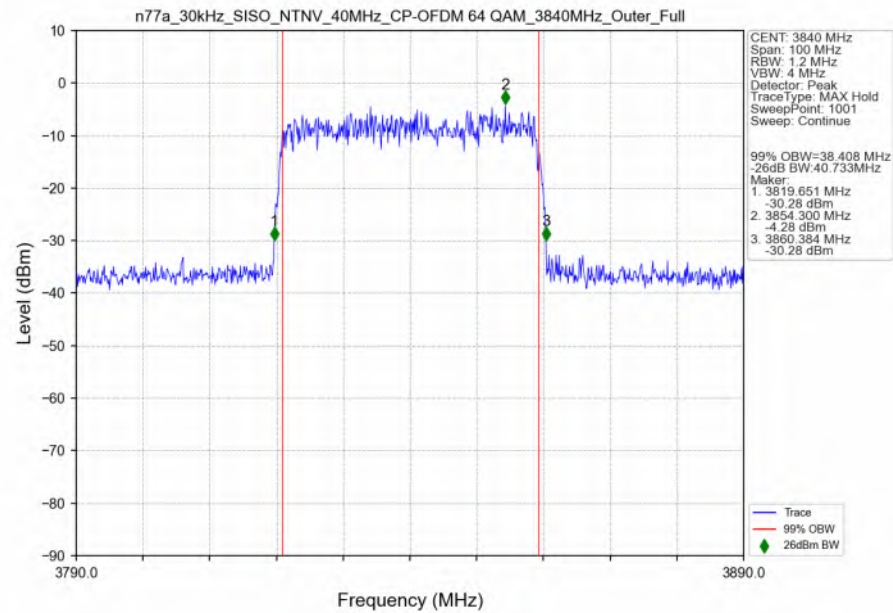
n77a 30kHz SISO NTN 40MHz CP-OFDM QPSK 3840MHz Outer Full Ant2



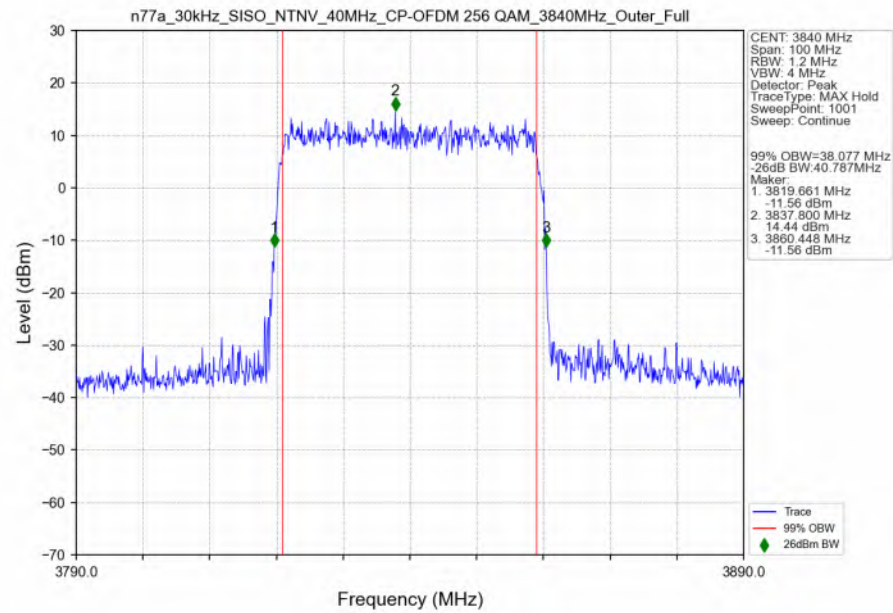
n77a 30kHz SISO NTN 40MHz CP-OFDM 16 QAM 3840MHz Outer Full Ant2



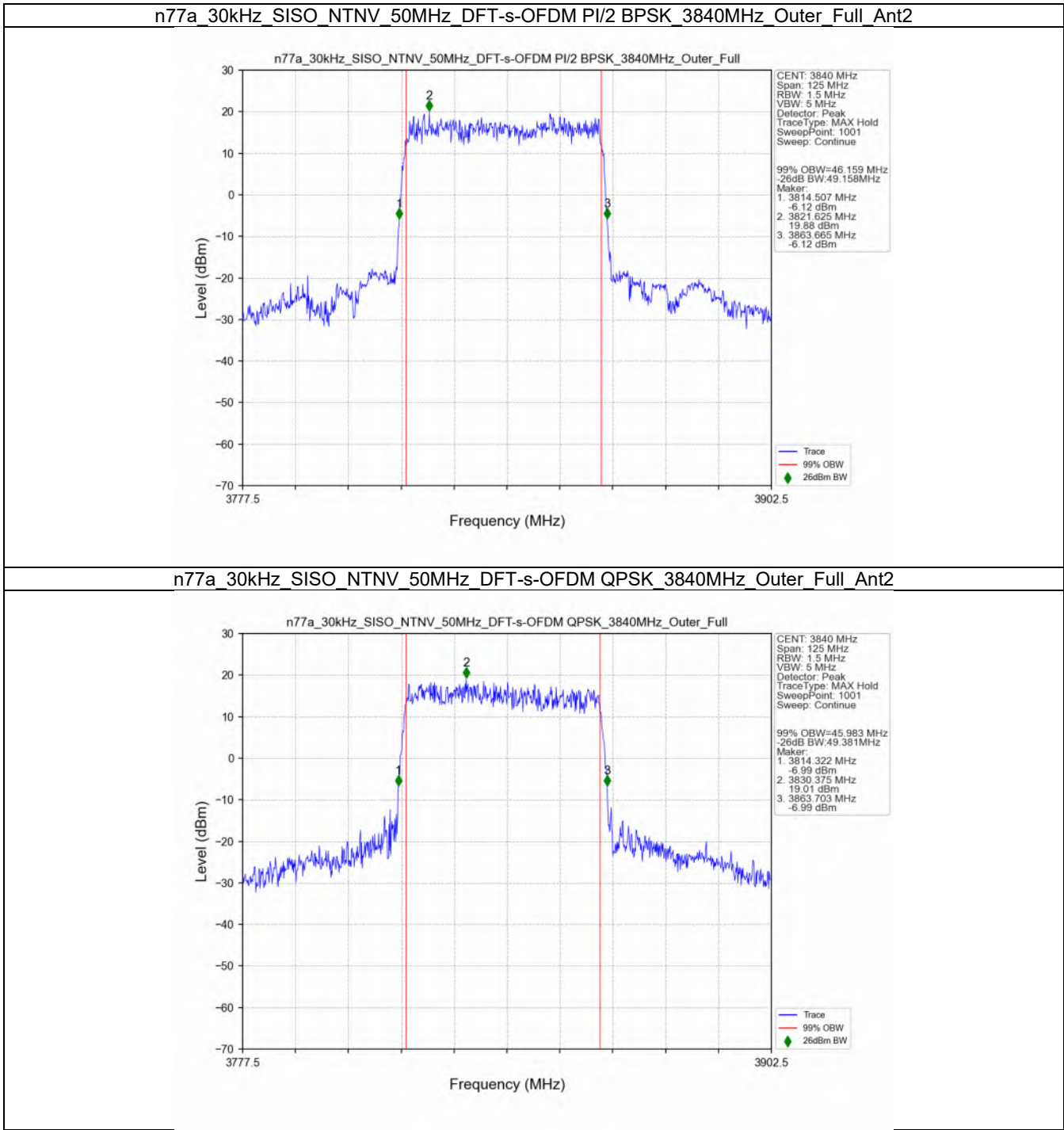
n77a 30kHz SISO NTN 40MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant2



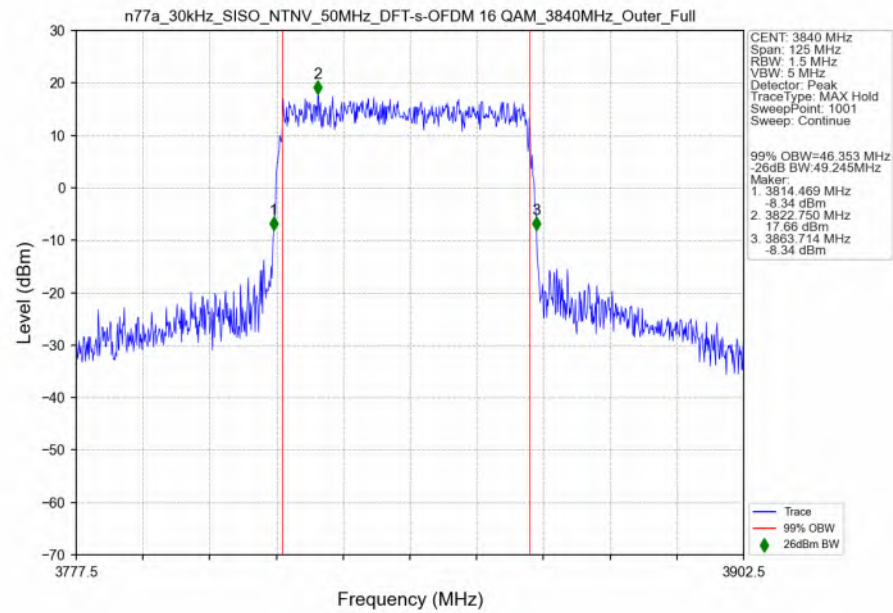
n77a 30kHz SISO NTN 40MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant2



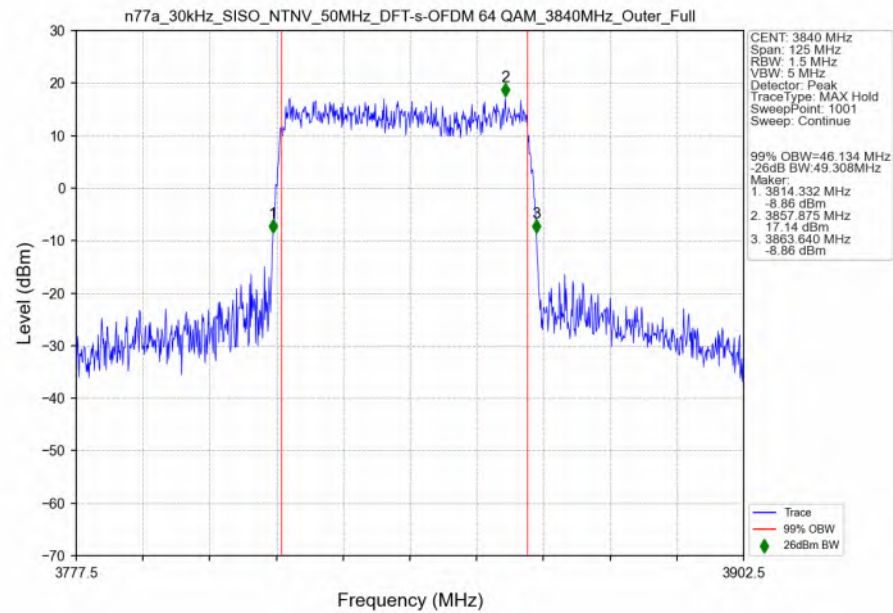
3.2.5 30_S_50M_NTNV



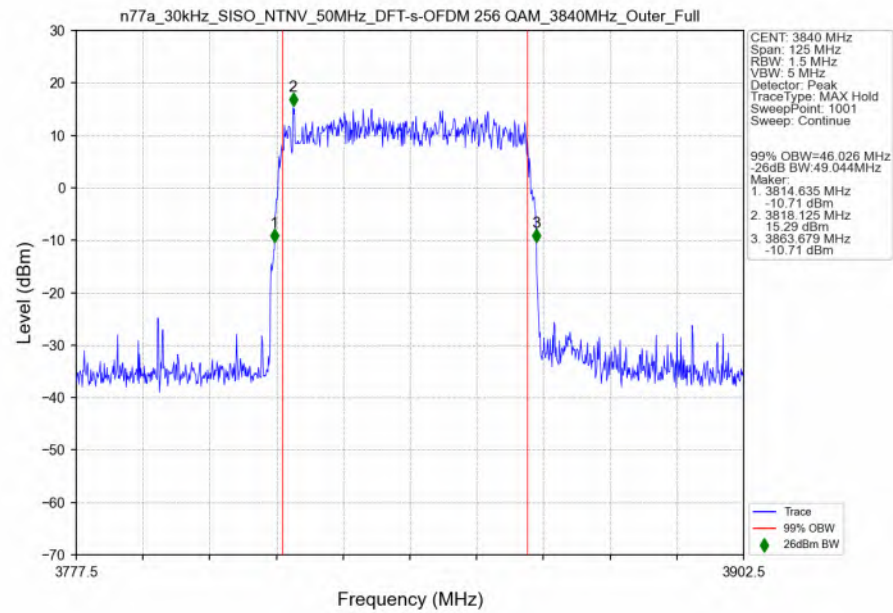
n77a 30kHz SISO NTN 50MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant2



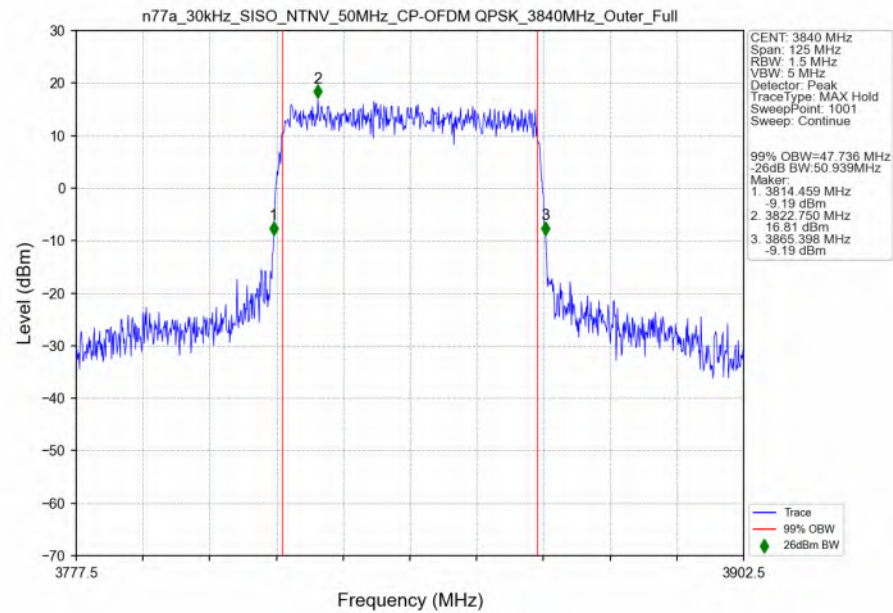
n77a 30kHz SISO NTN 50MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant2



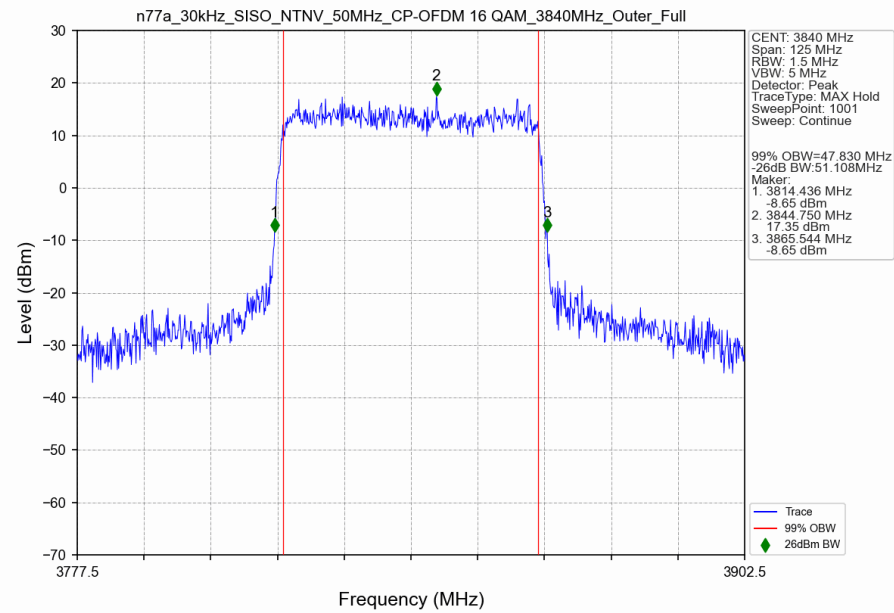
n77a 30kHz SISO NTN 50MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant2



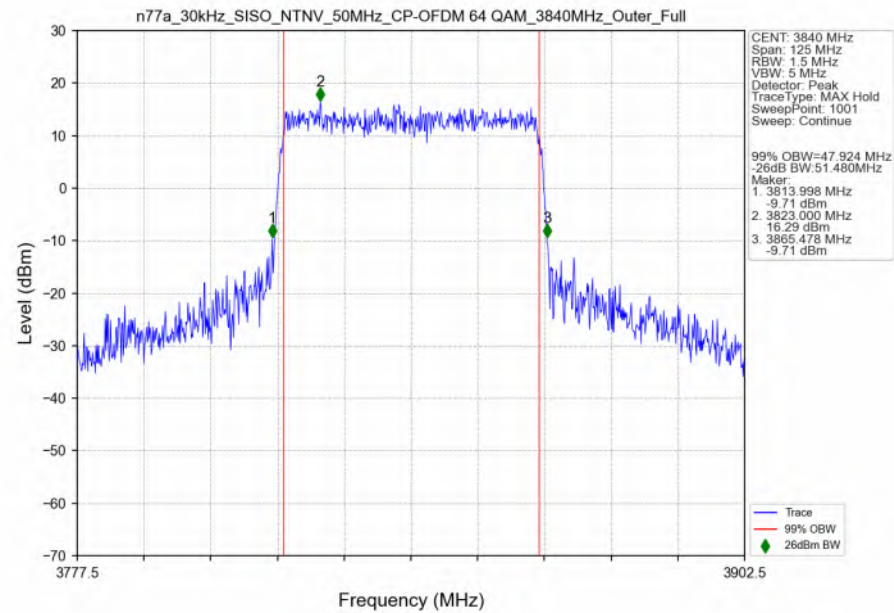
n77a 30kHz SISO NTN 50MHz CP-OFDM QPSK 3840MHz Outer Full Ant2



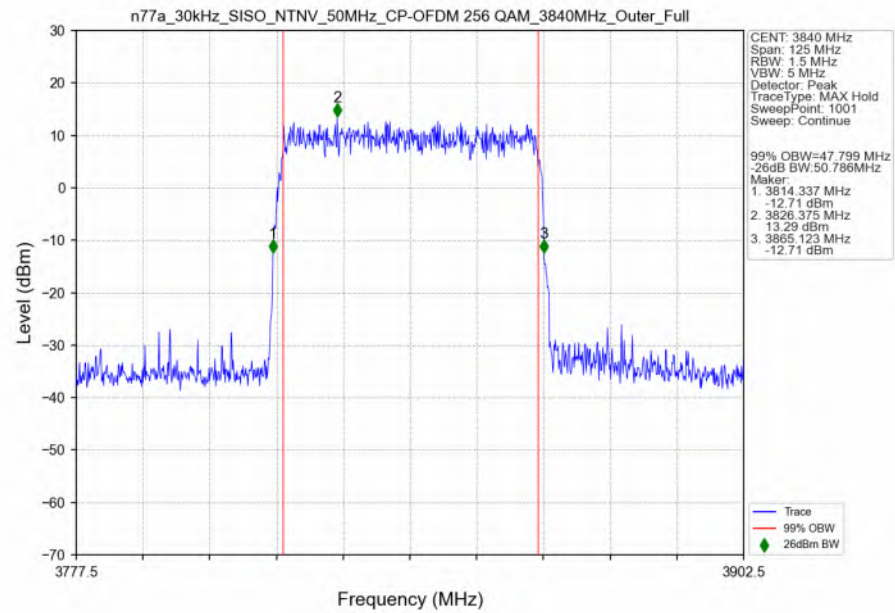
n77a 30kHz SISO NTN 50MHz CP-OFDM 16 QAM 3840MHz Outer Full Ant2



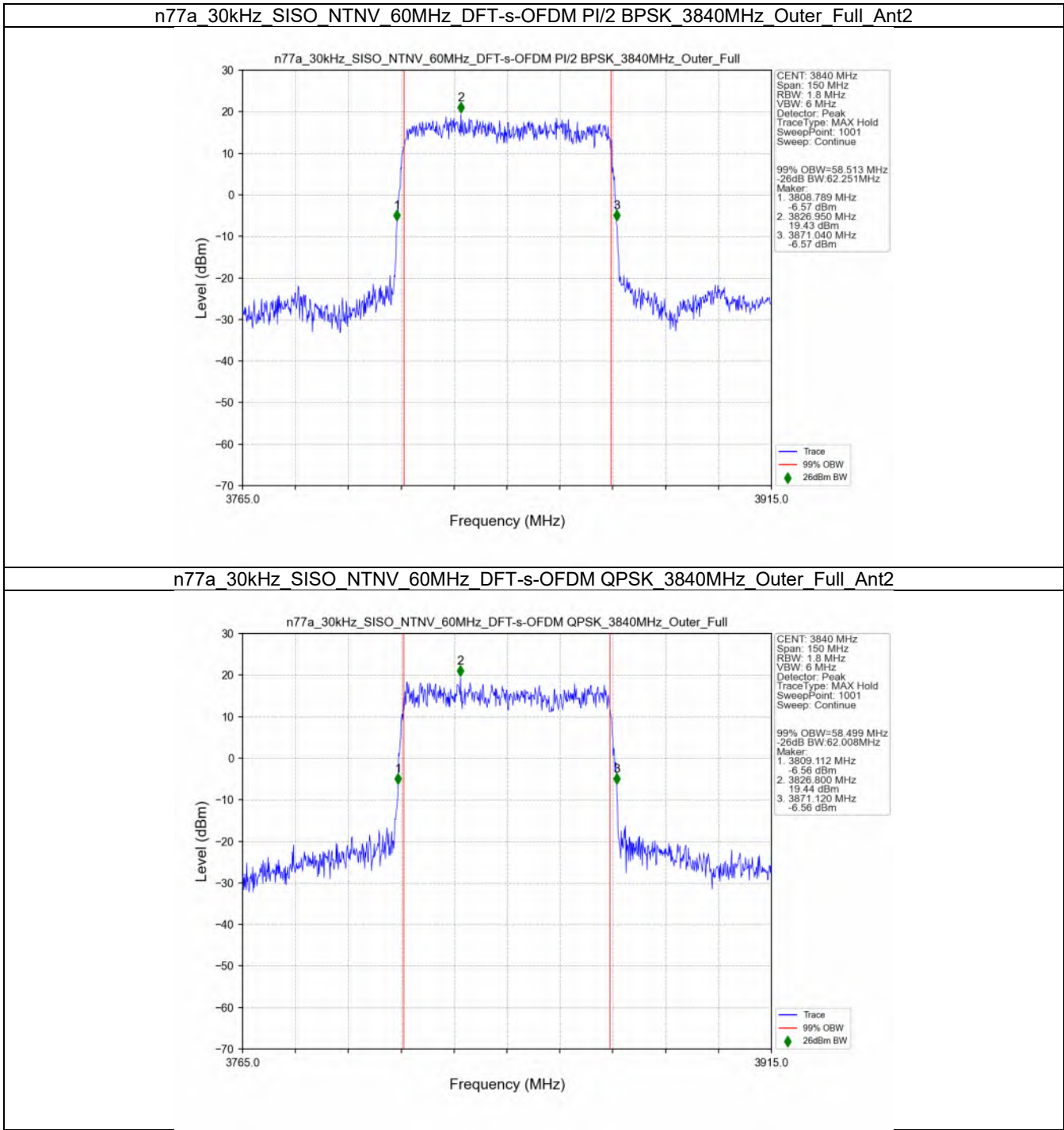
n77a 30kHz SISO NTN 50MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant2



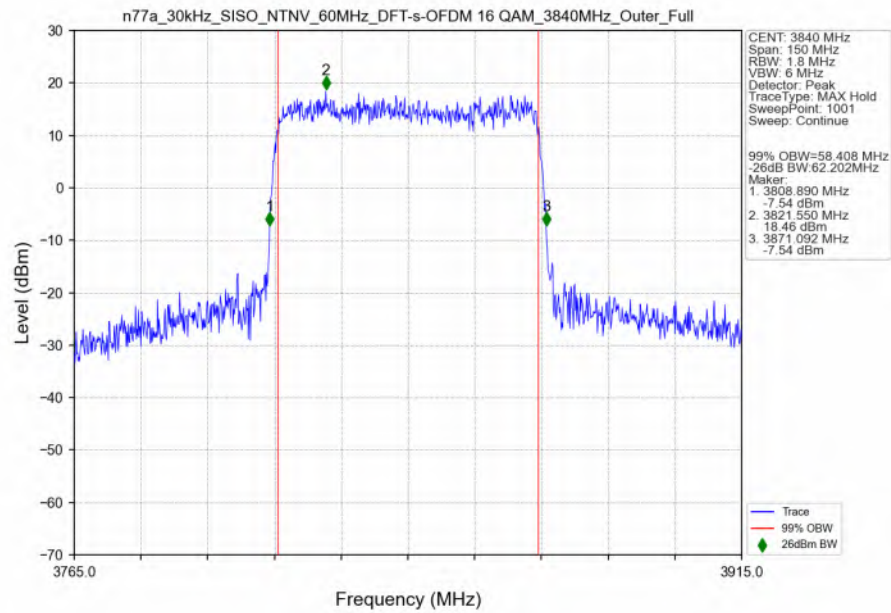
n77a 30kHz SISO NTN 50MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant2



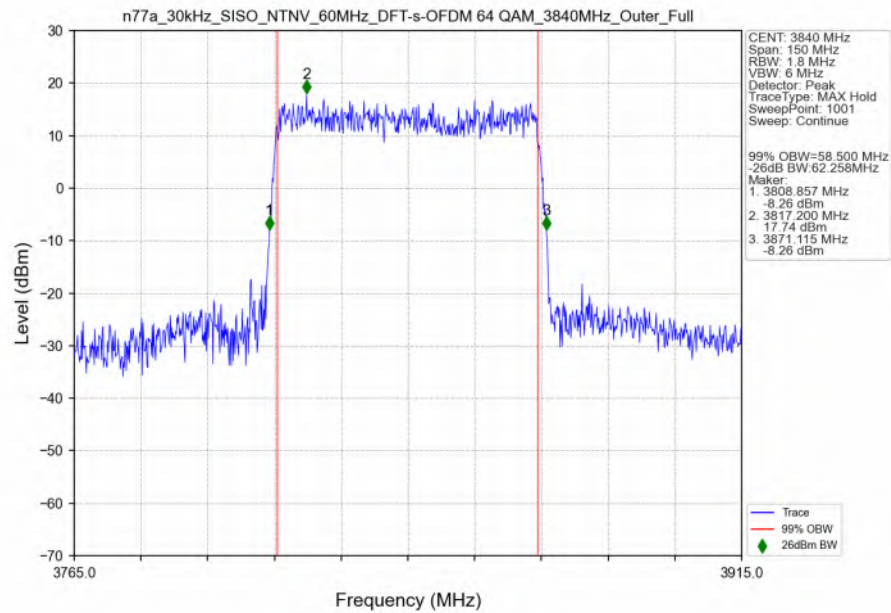
3.2.6 30_S_60M_NTNV



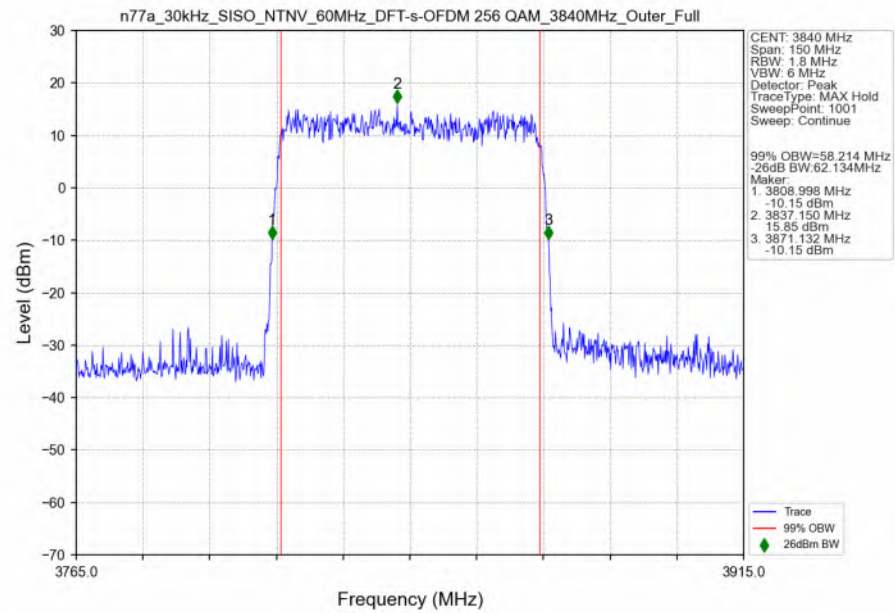
n77a 30kHz SISO NTN 60MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant2



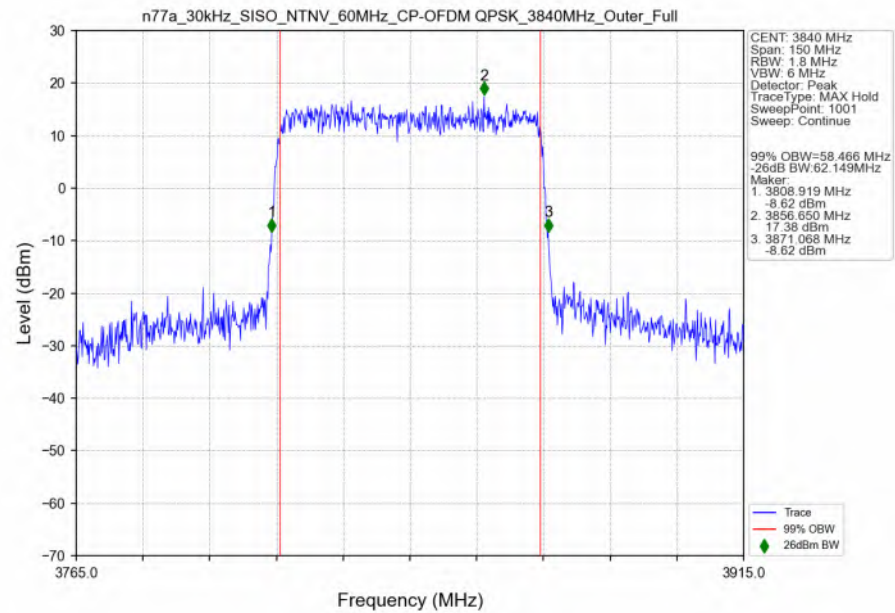
n77a 30kHz SISO NTN 60MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant2



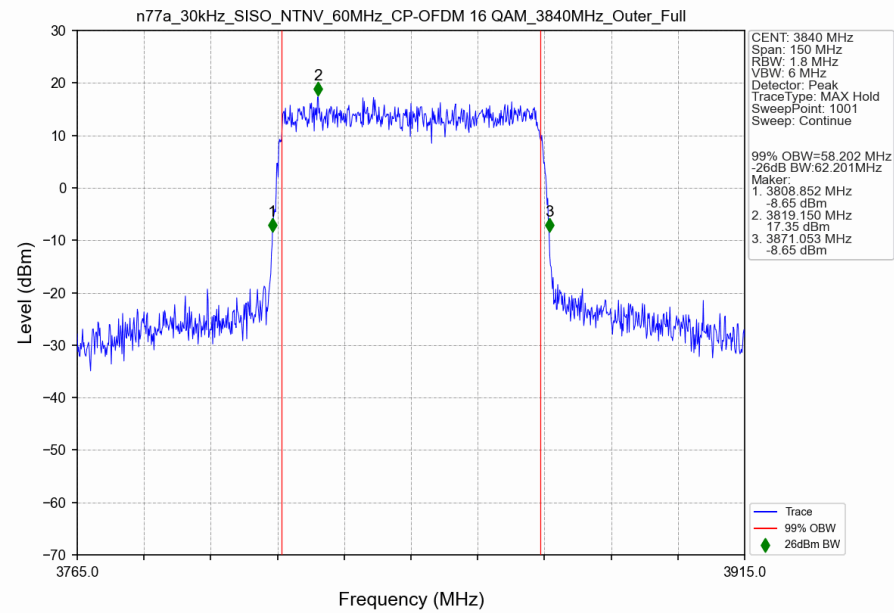
n77a 30kHz SISO NTN 60MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant2



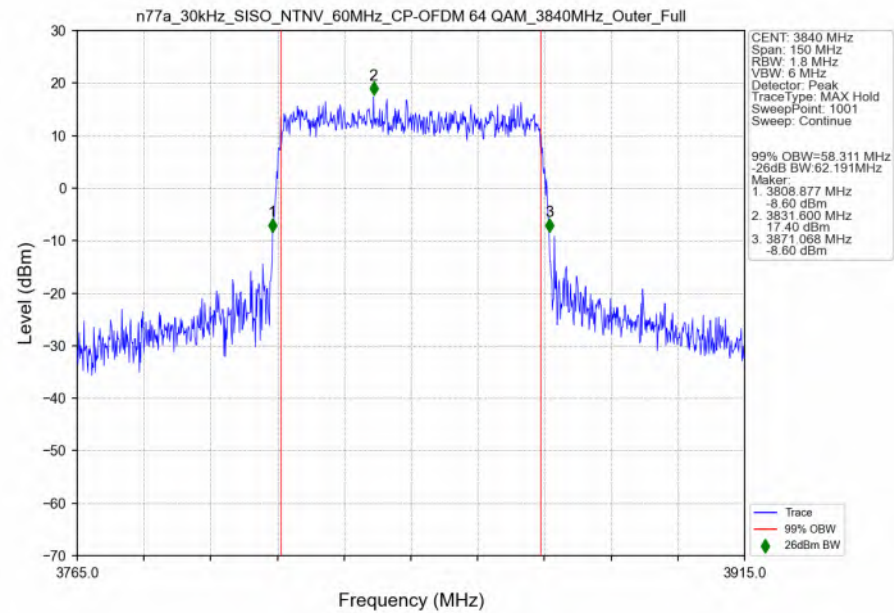
n77a 30kHz SISO NTN 60MHz CP-OFDM QPSK 3840MHz Outer Full Ant2



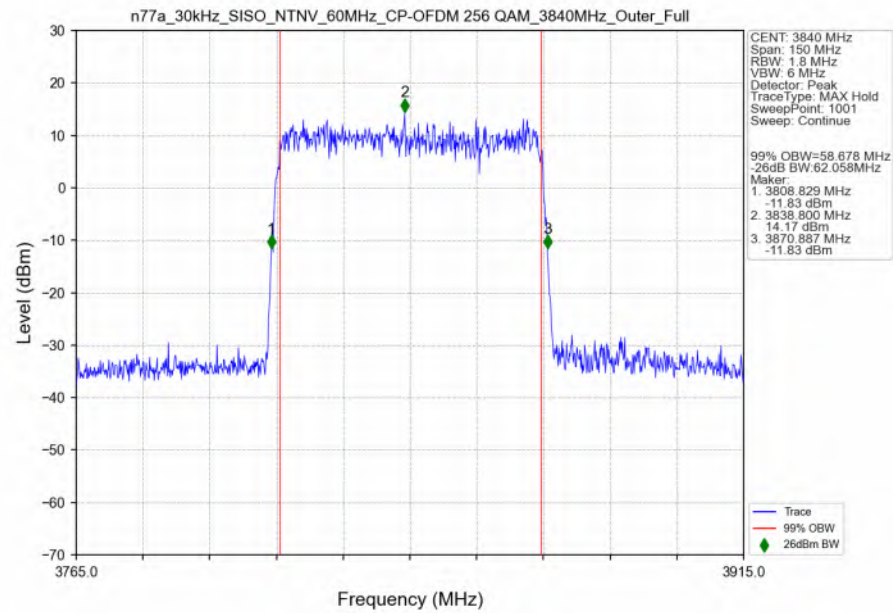
n77a 30kHz SISO NTN 60MHz CP-OFDM 16 QAM 3840MHz Outer Full Ant2



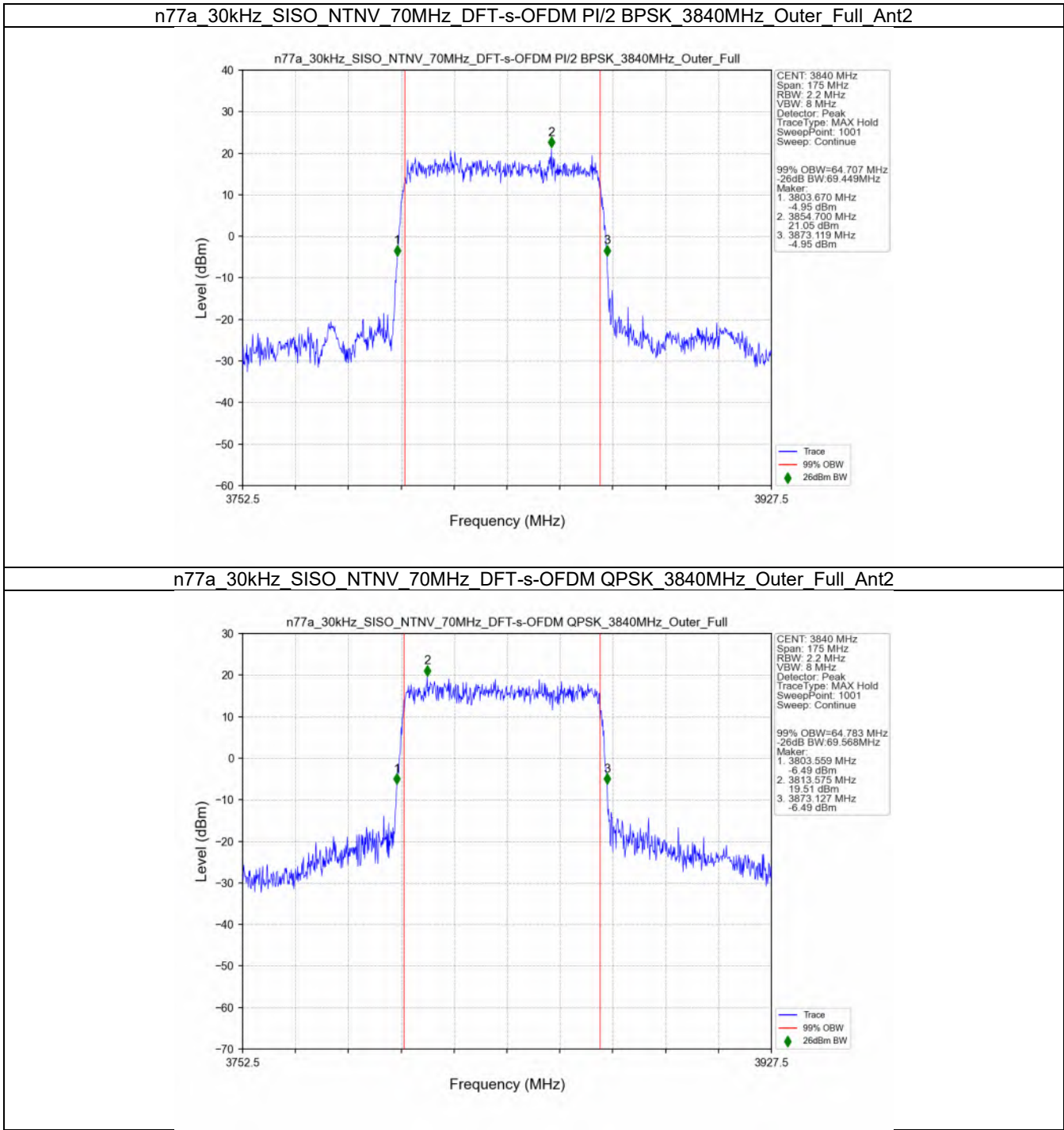
n77a 30kHz SISO NTN 60MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant2



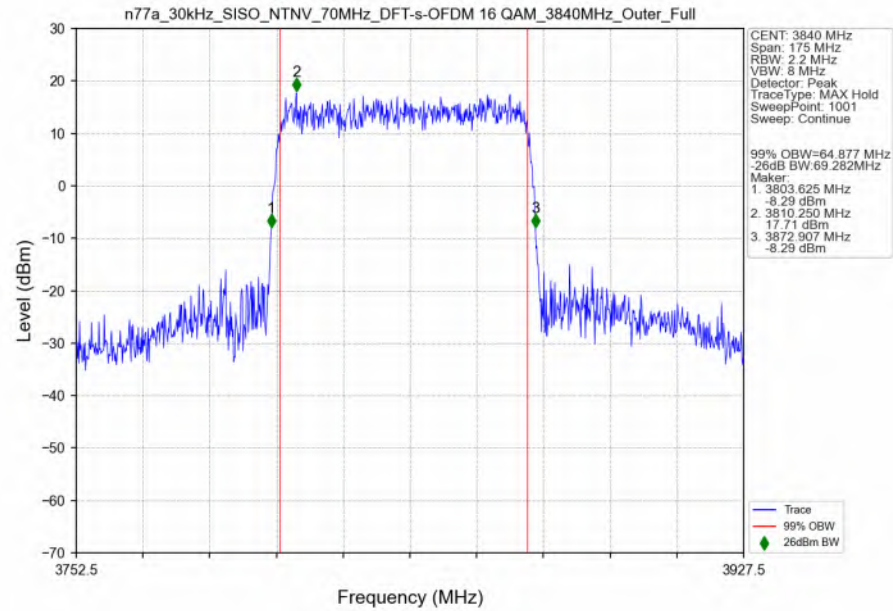
n77a 30kHz SISO NTN 60MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant2



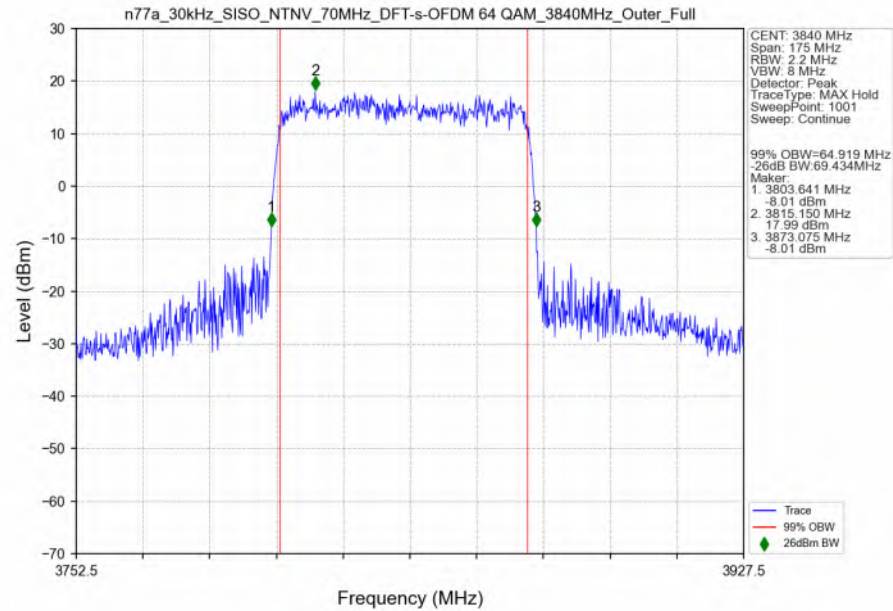
3.2.7 30_S_70M_NTNV



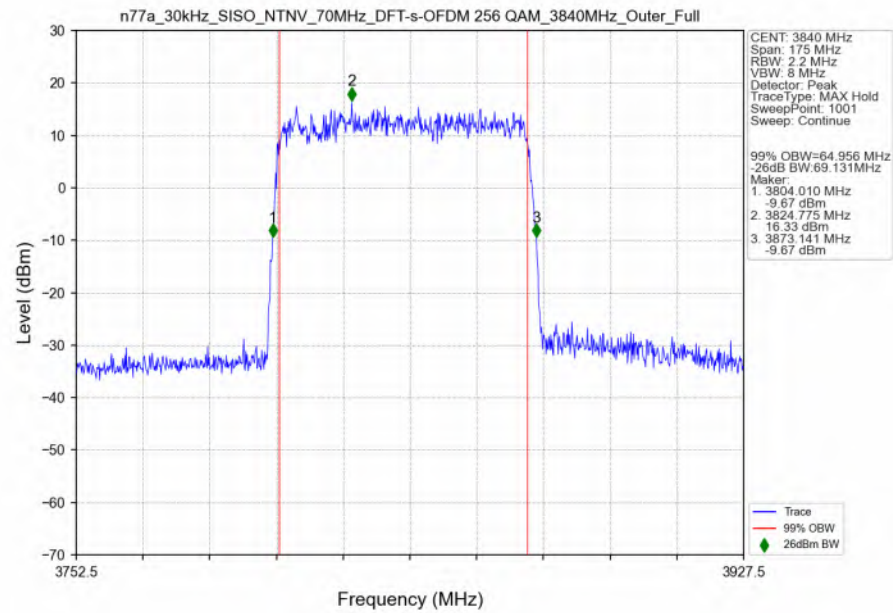
n77a 30kHz SISO NTN 70MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant2



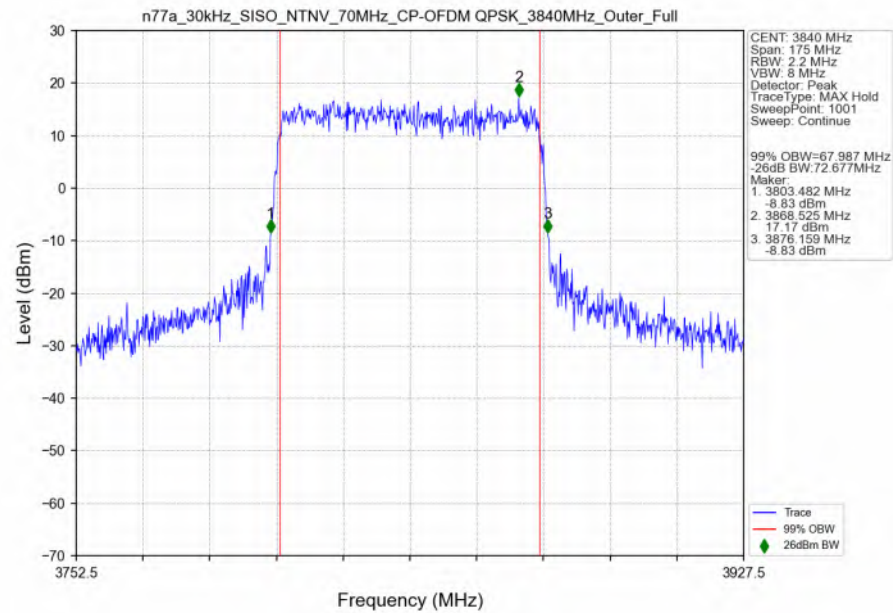
n77a 30kHz SISO NTN 70MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant2



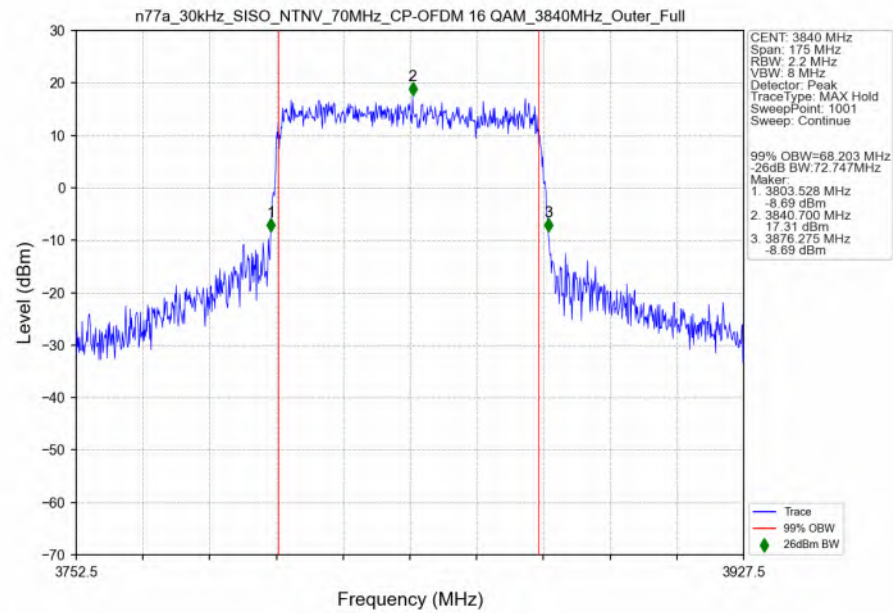
n77a 30kHz SISO NTN 70MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant2



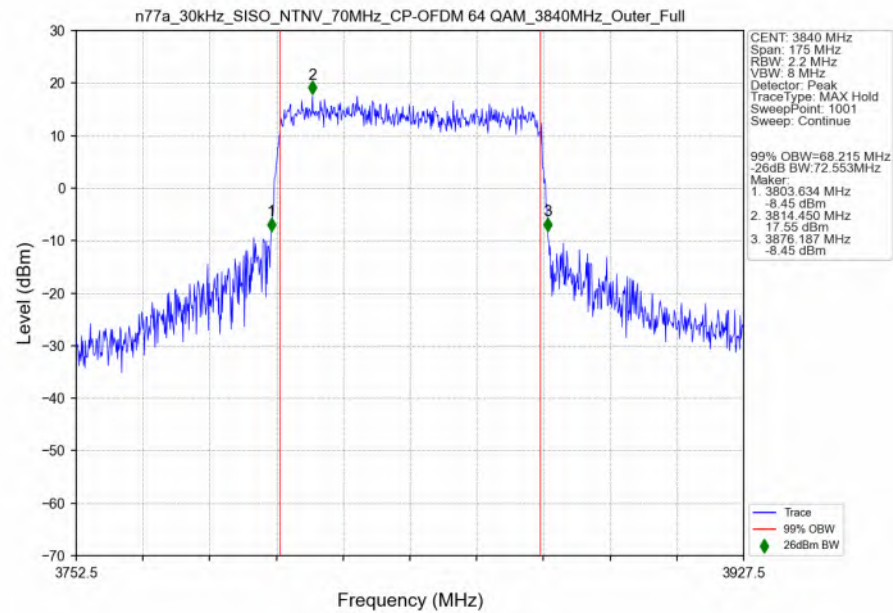
n77a 30kHz SISO NTN 70MHz CP-OFDM QPSK 3840MHz Outer Full Ant2



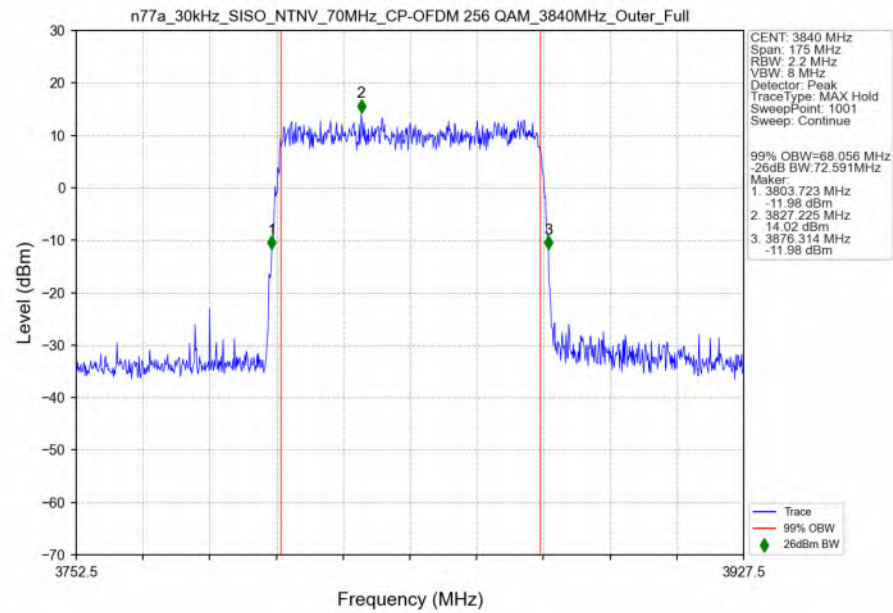
n77a 30kHz SISO NTN 70MHz CP-OFDM 16 QAM 3840MHz Outer Full Ant2



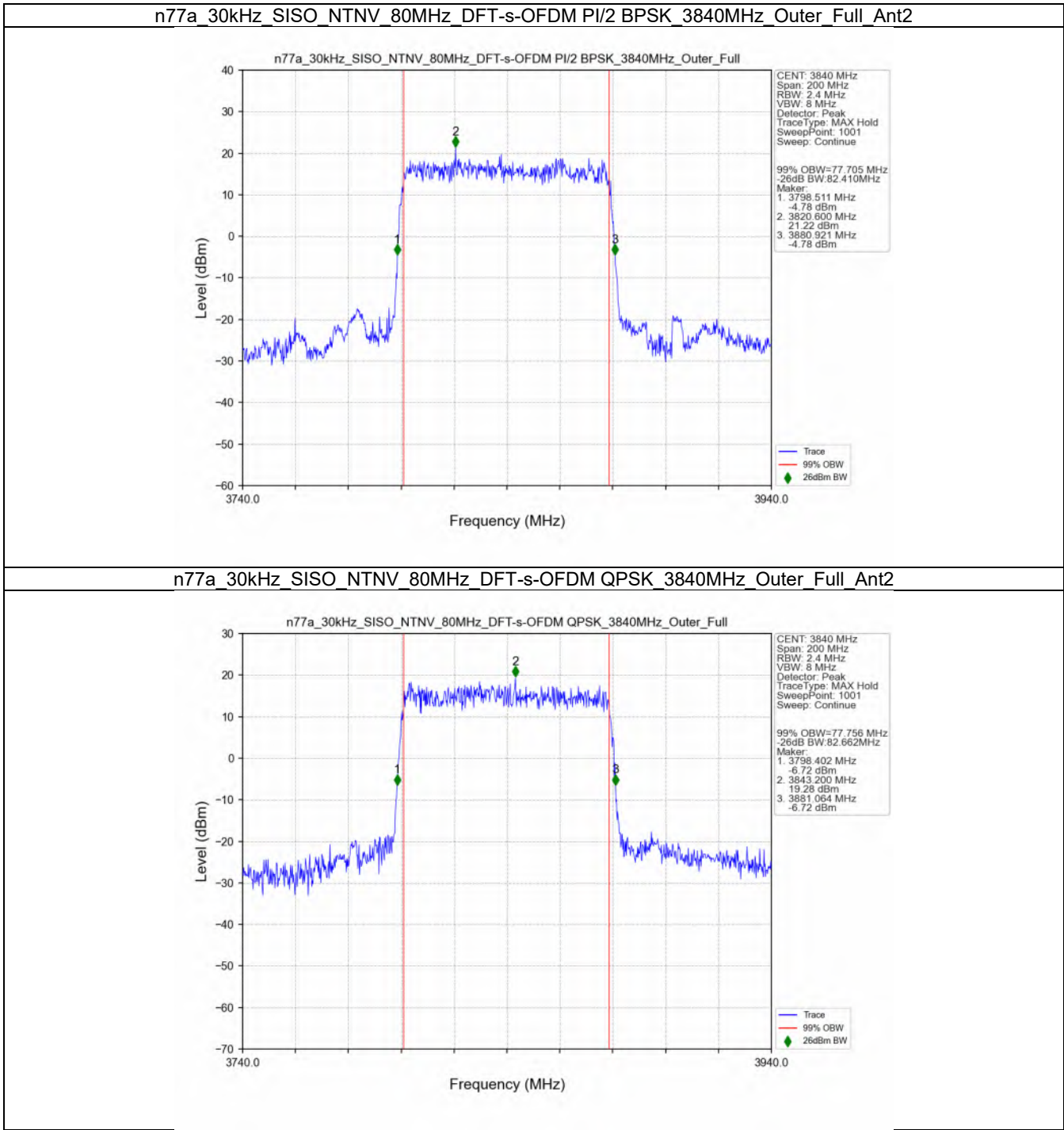
n77a 30kHz SISO NTN 70MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant2



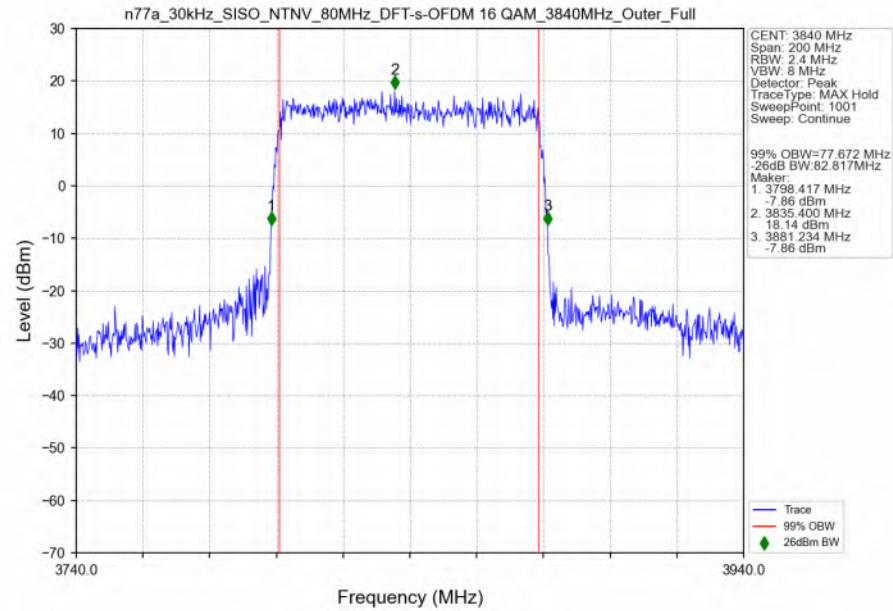
n77a 30kHz SISO NTN 70MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant2



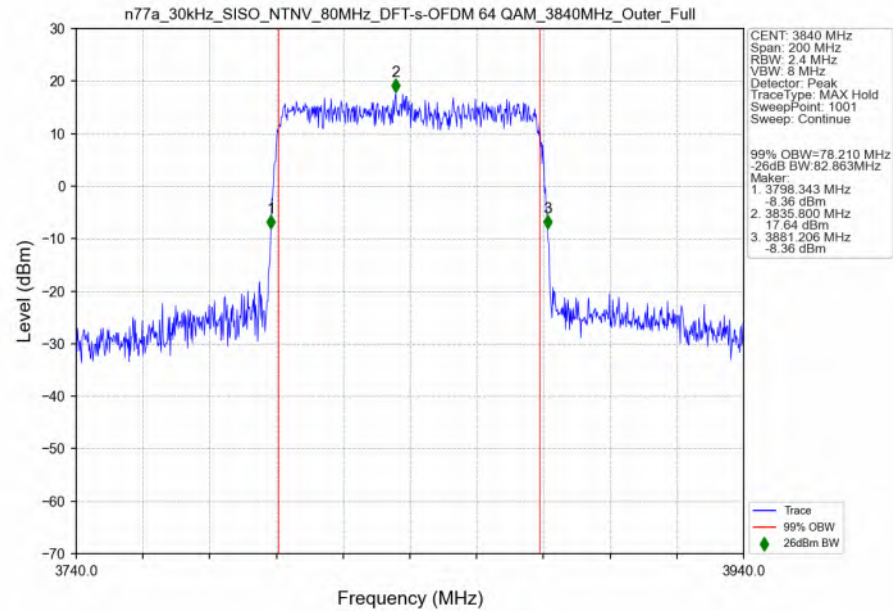
3.2.8 30_S_80M_NTNV



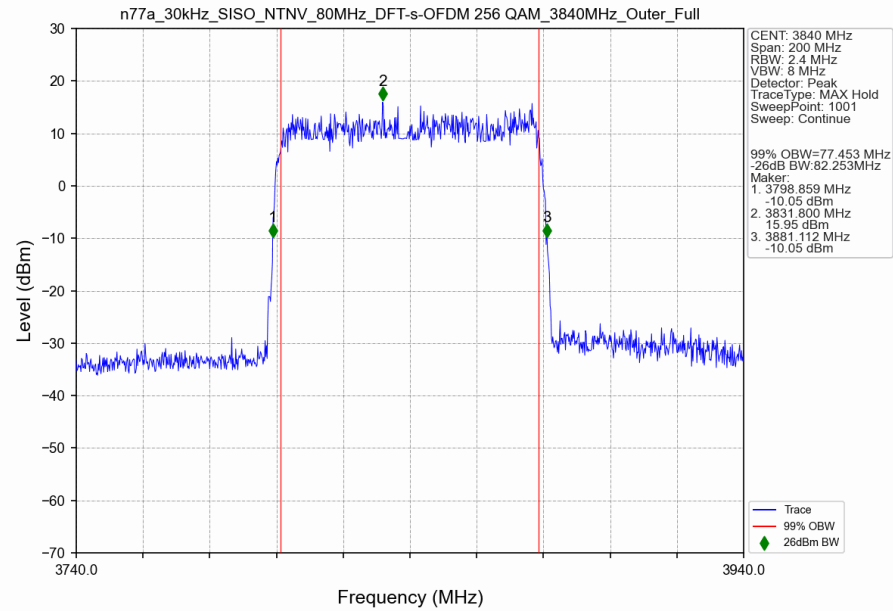
n77a 30kHz SISO NTN 80MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant2



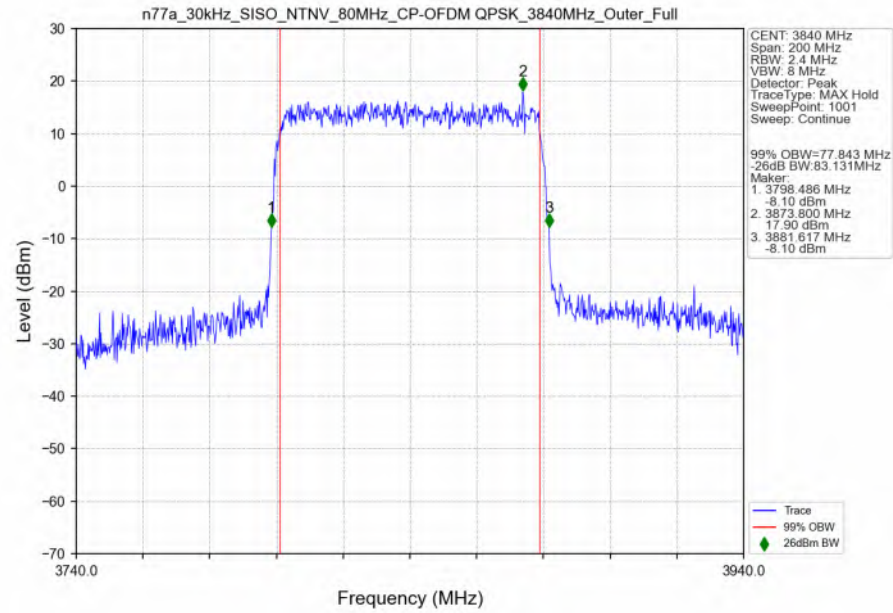
n77a 30kHz SISO NTN 80MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant2



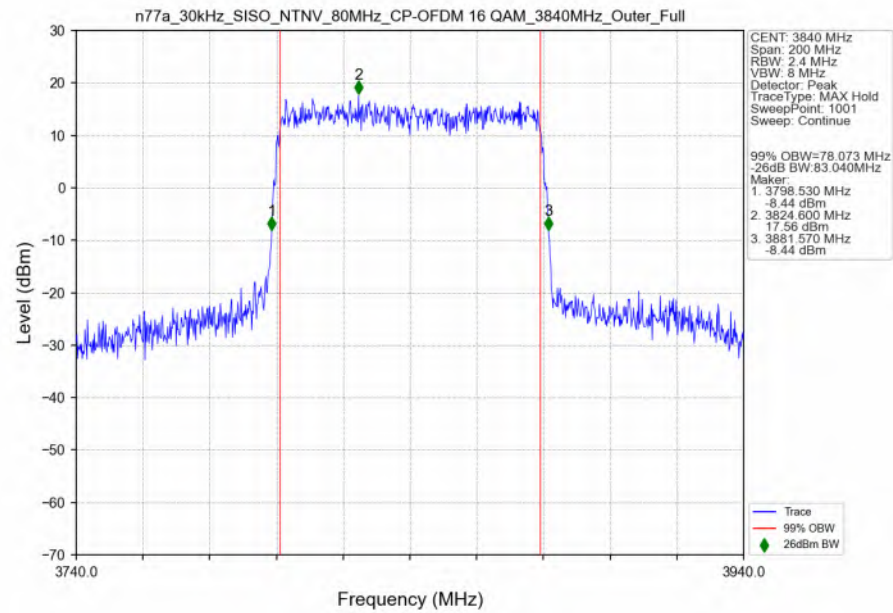
n77a 30kHz SISO NTN 80MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant2



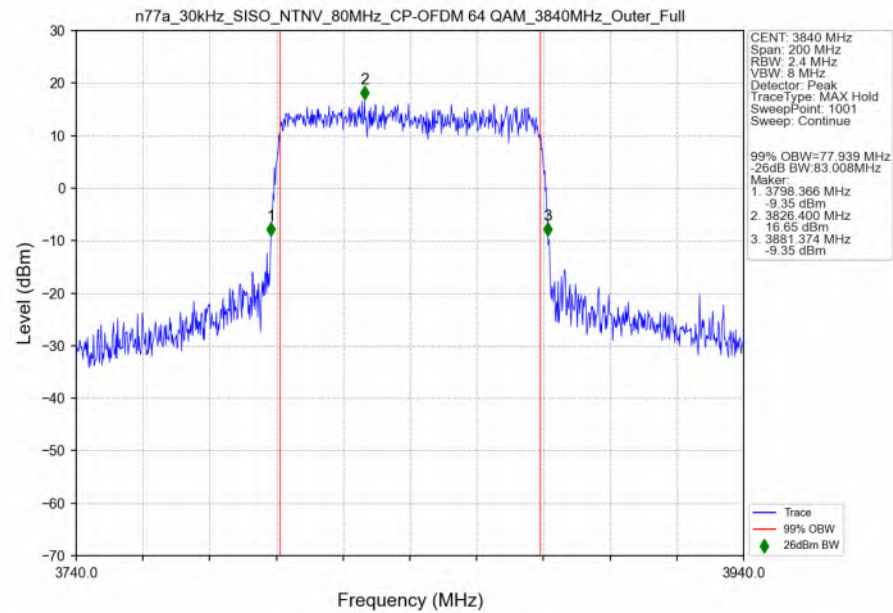
n77a 30kHz SISO NTN 80MHz CP-OFDM QPSK 3840MHz Outer Full Ant2



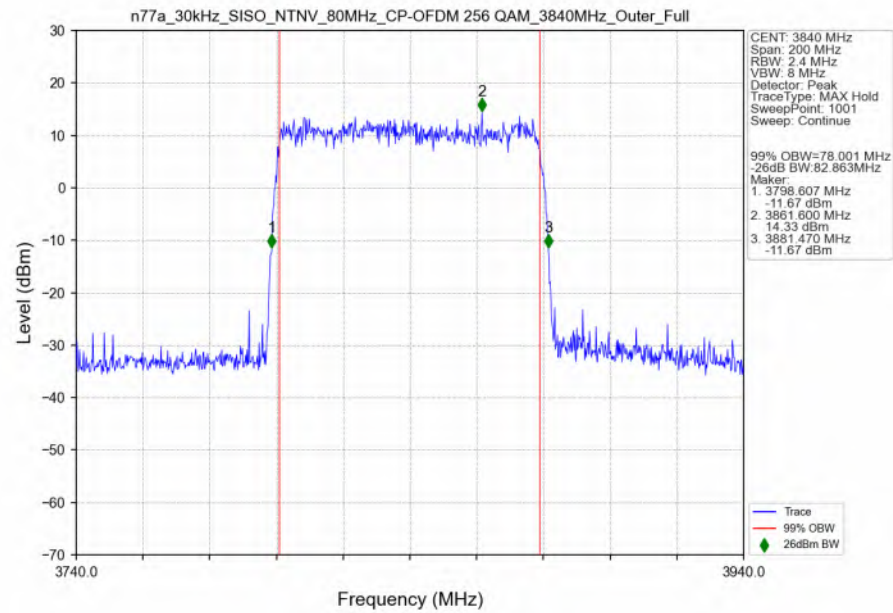
n77a 30kHz SISO NTN 80MHz CP-OFDM 16 QAM 3840MHz Outer Full Ant2



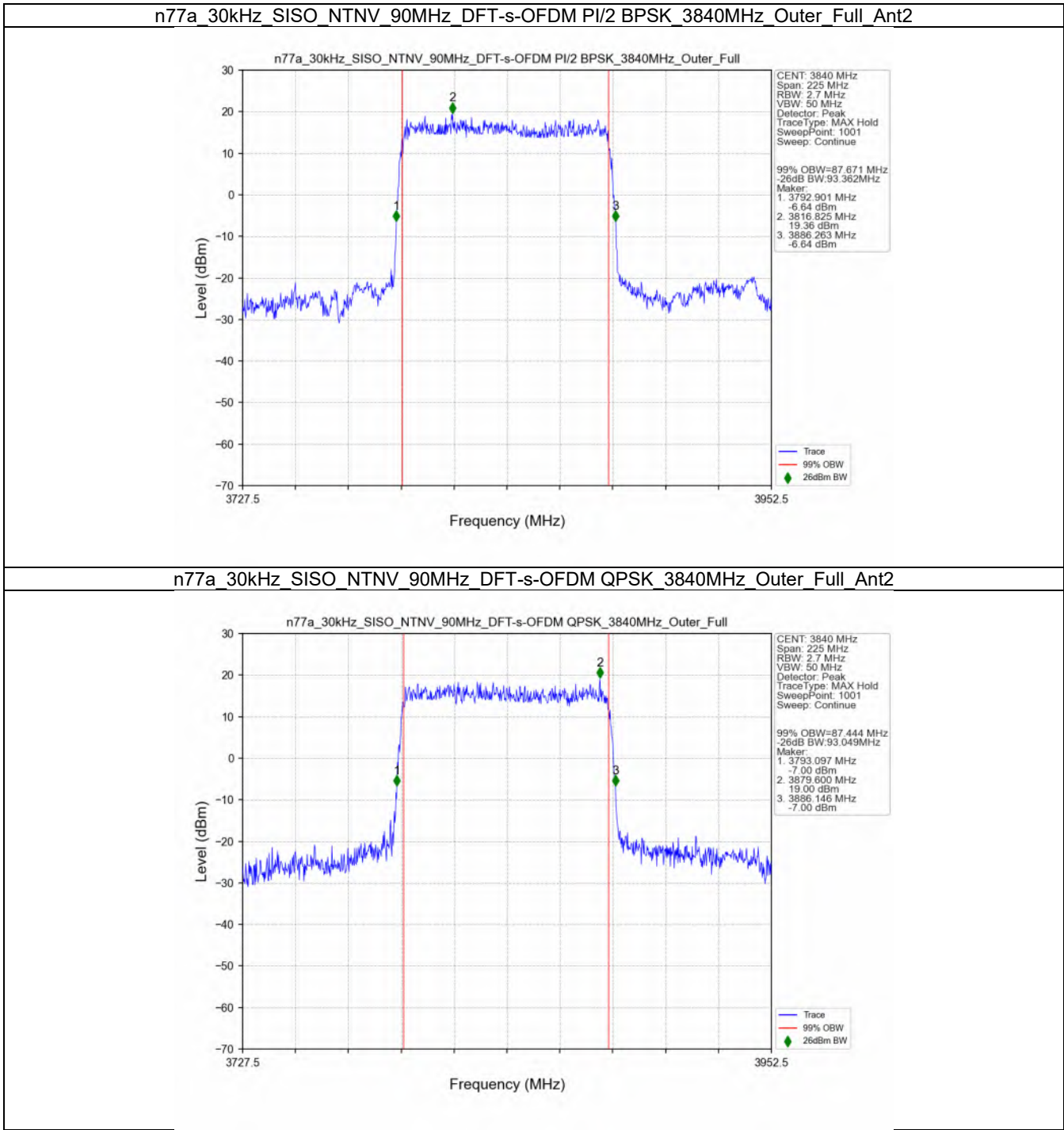
n77a 30kHz SISO NTN 80MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant2



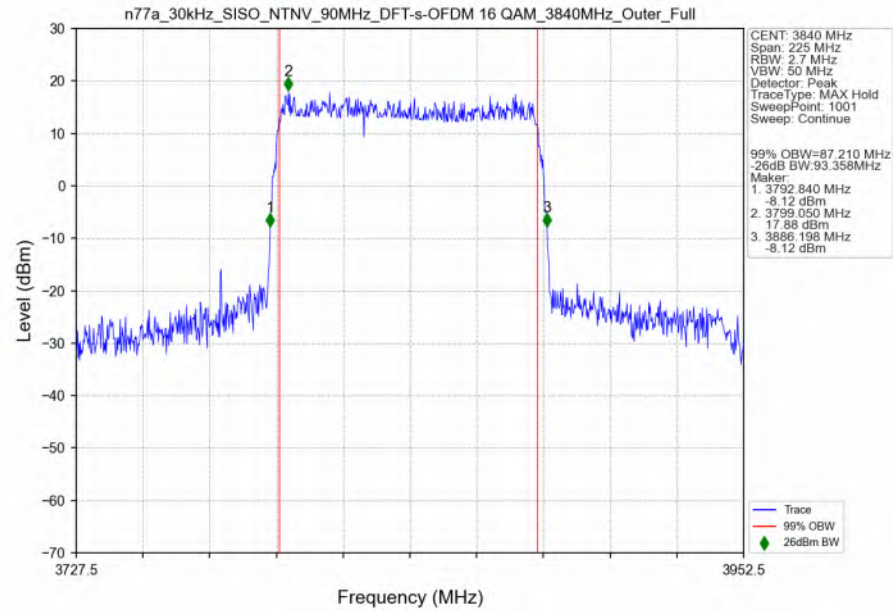
n77a 30kHz SISO NTN 80MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant2



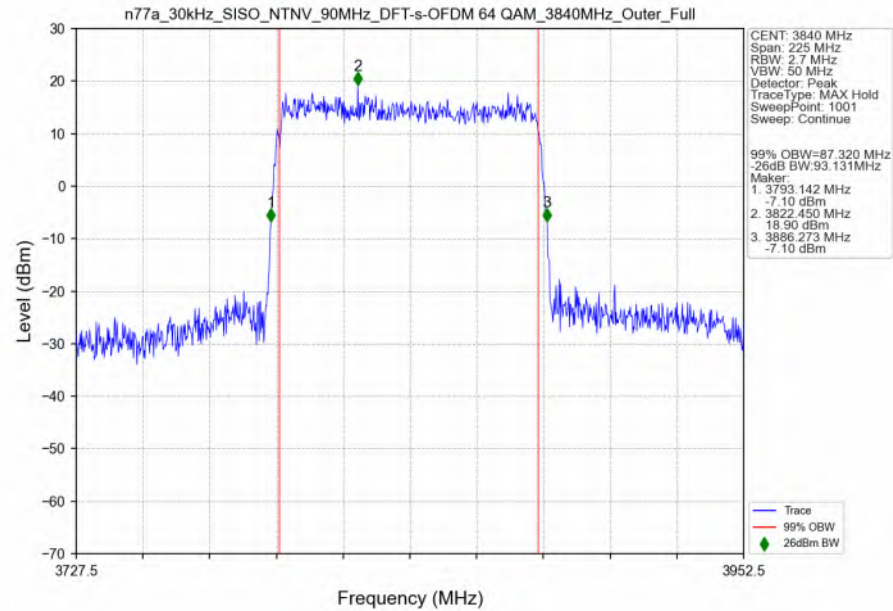
3.2.9 30_S_90M_NTNV



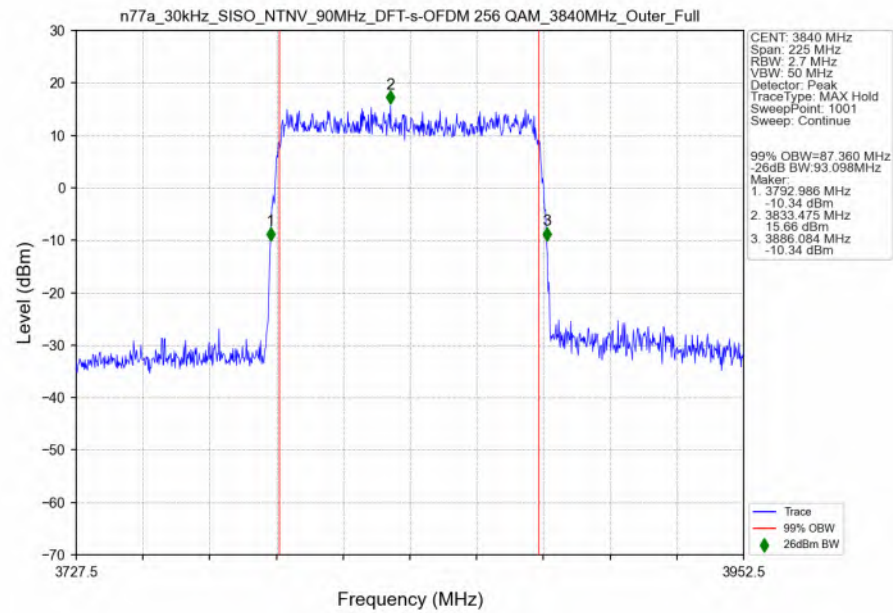
n77a 30kHz SISO NTV 90MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant2



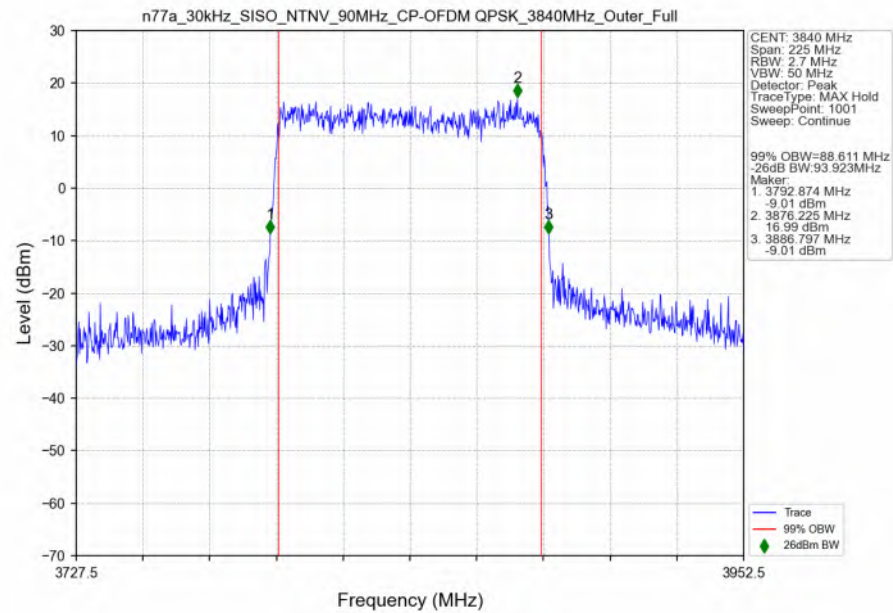
n77a 30kHz SISO NTV 90MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant2



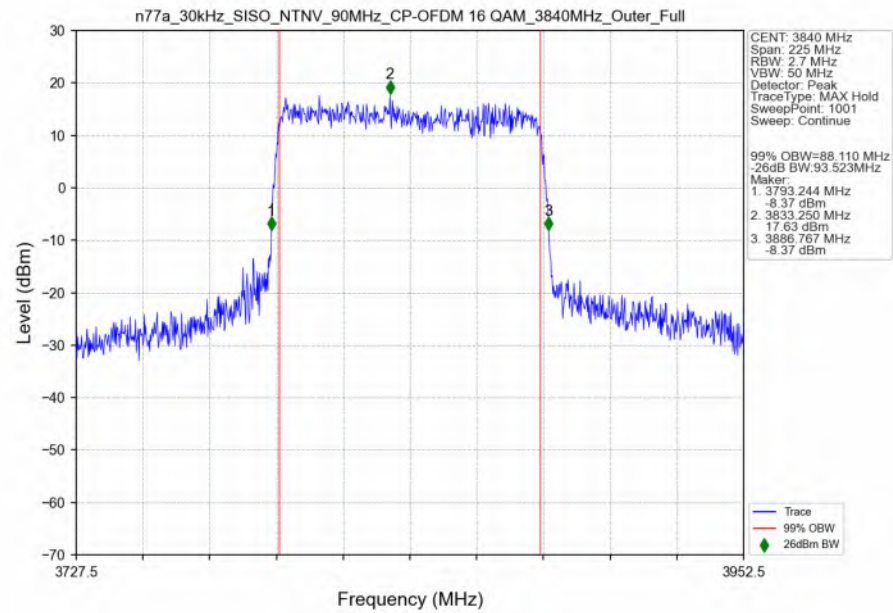
n77a 30kHz SISO NTN 90MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant2



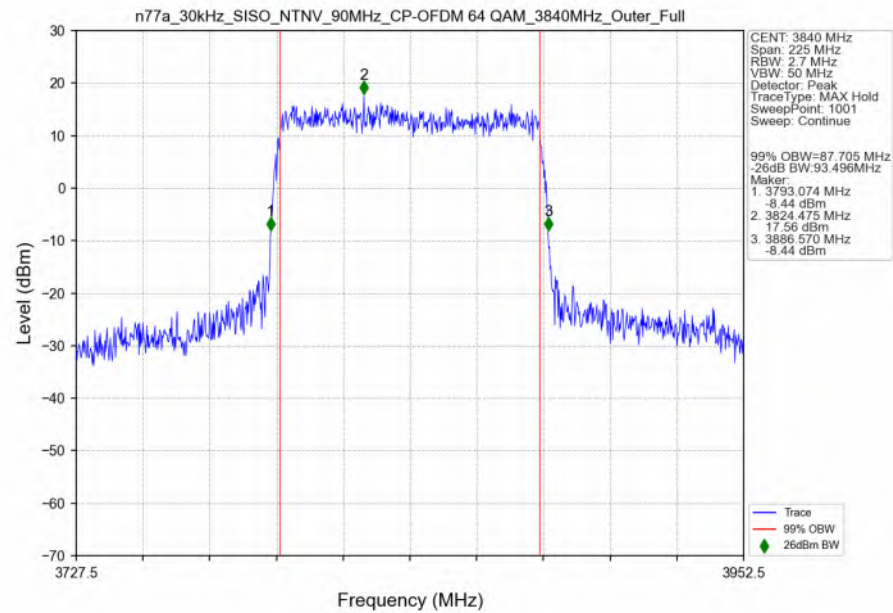
n77a 30kHz SISO NTN 90MHz CP-OFDM QPSK 3840MHz Outer Full Ant2



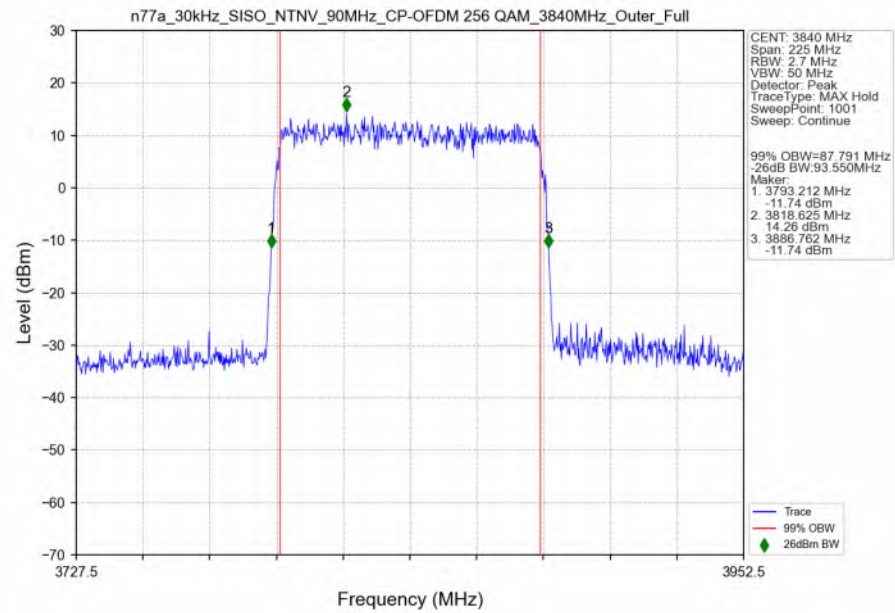
n77a 30kHz SISO NTN 90MHz CP-OFDM 16 QAM 3840MHz Outer Full Ant2



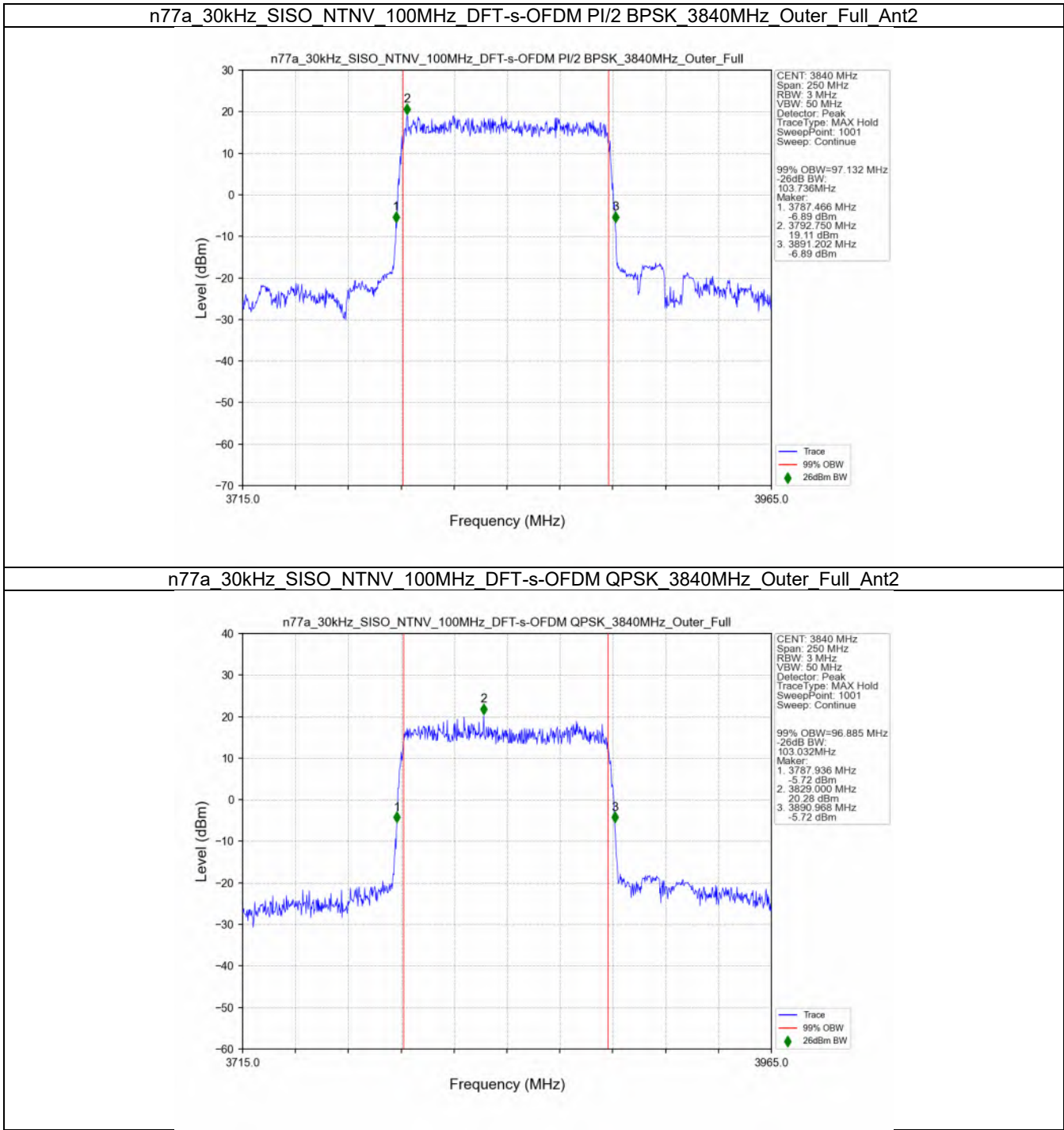
n77a 30kHz SISO NTN 90MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant2



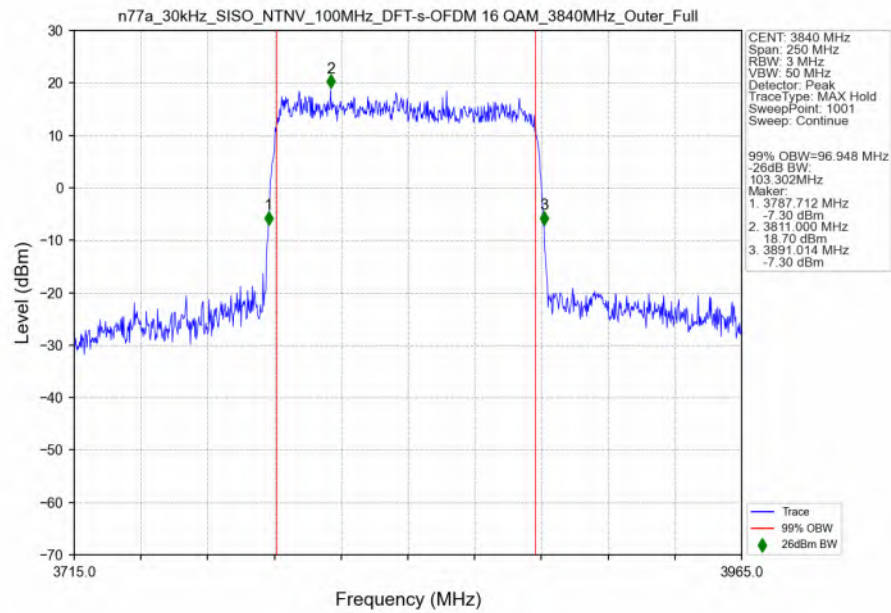
n77a 30kHz SISO NTN 90MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant2



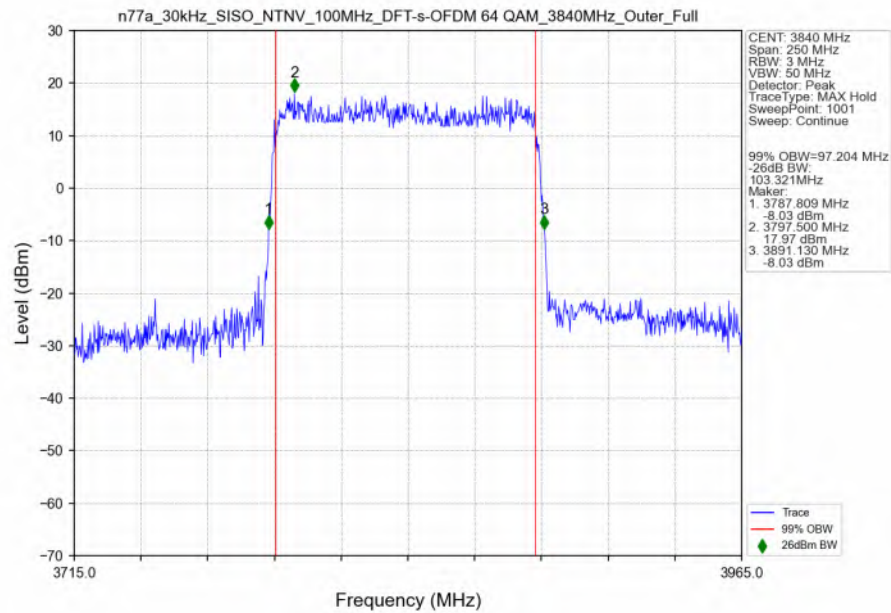
3.2.10 30_S_100M_NTNV



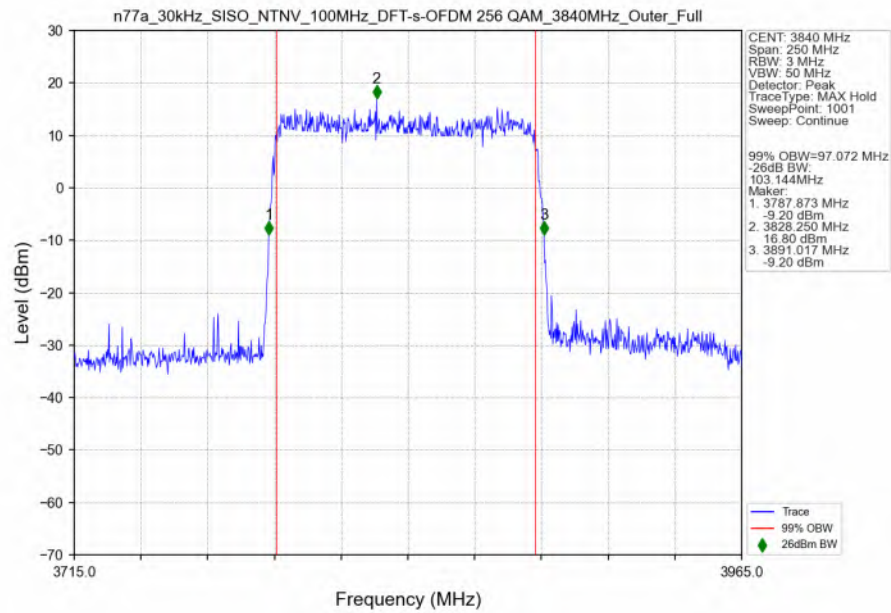
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant2



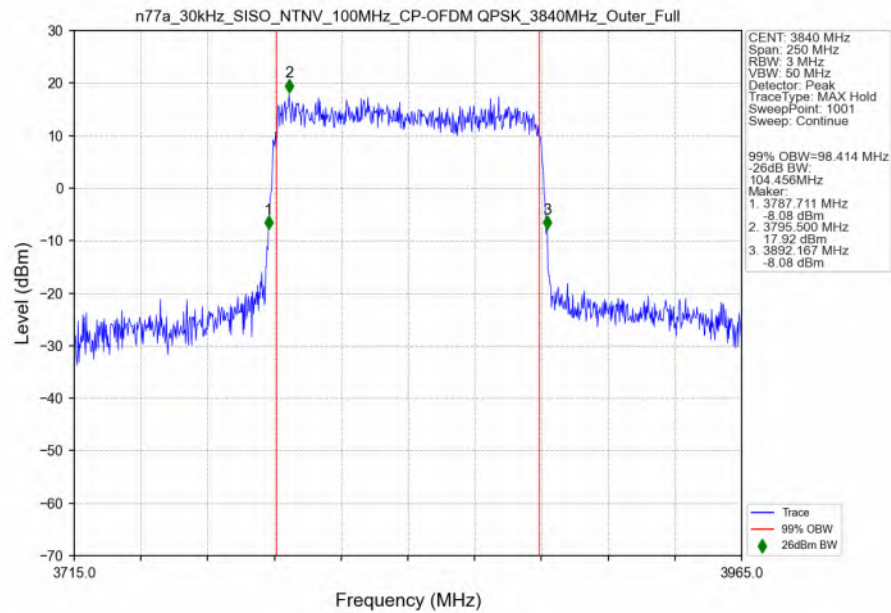
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant2



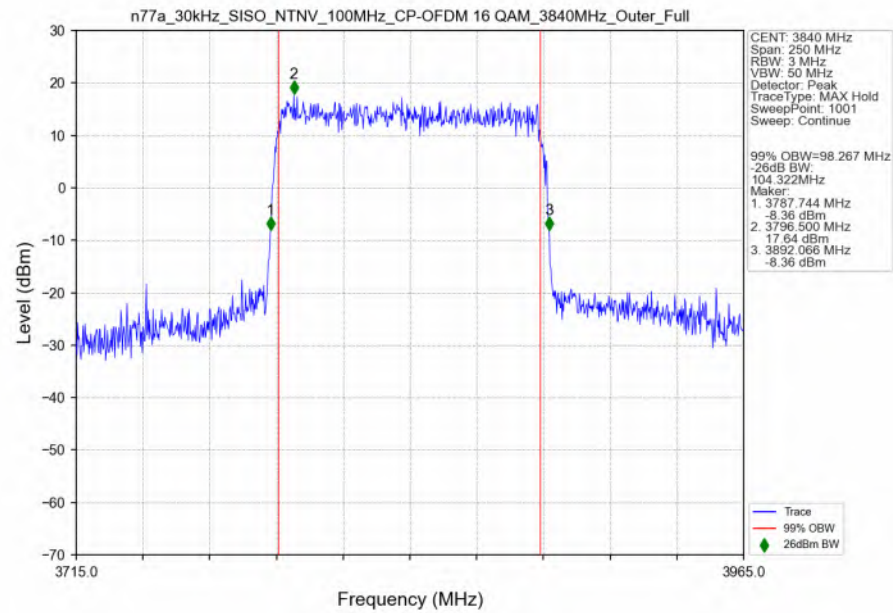
n77a_30kHz_SISO NTN 100MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant2



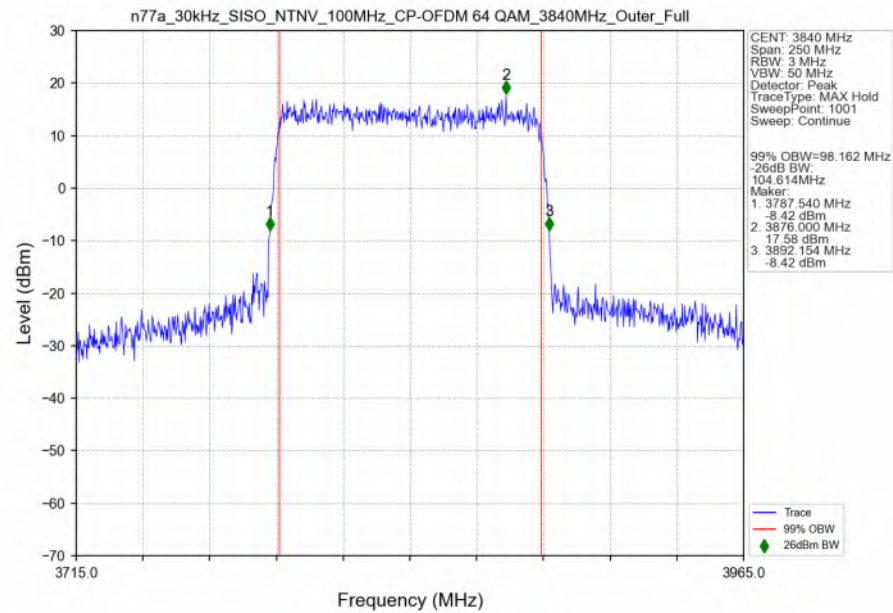
n77a_30kHz_SISO NTN 100MHz CP-OFDM QPSK 3840MHz Outer Full Ant2



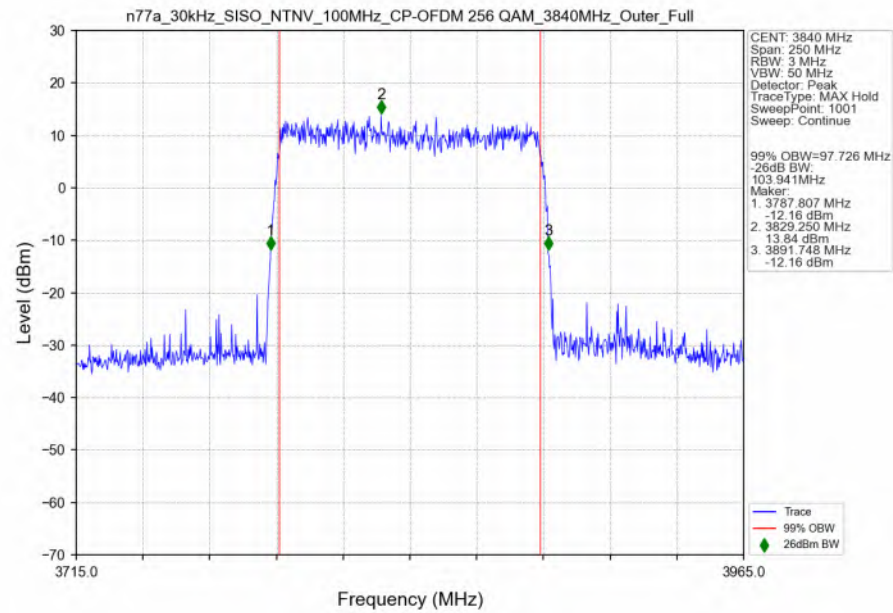
n77a 30kHz SISO NTN 100MHz CP-OFDM 16 QAM 3840MHz Outer Full Ant2



n77a 30kHz SISO NTN 100MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant2



n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant2



4. Peak-Average Ratio

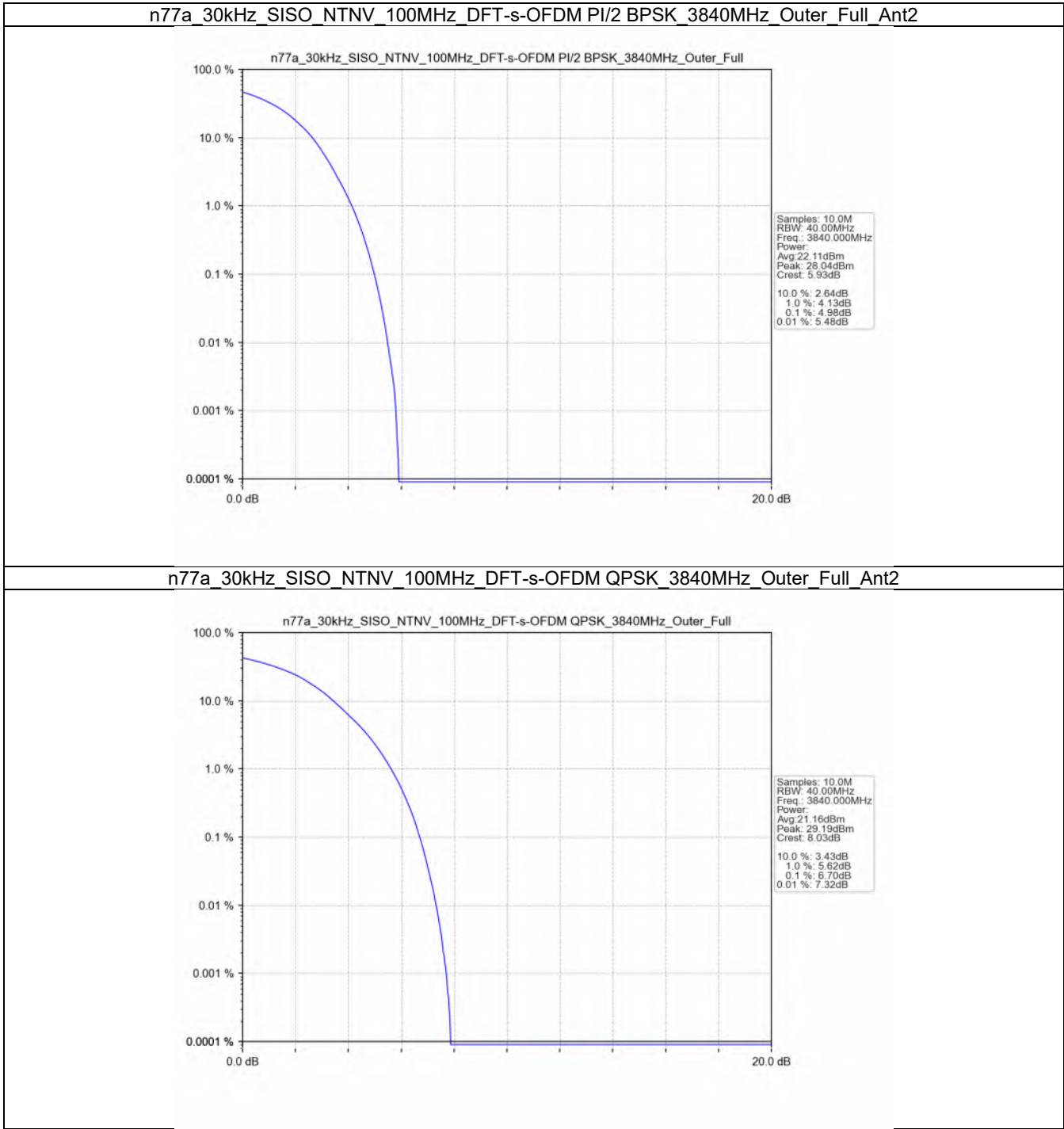
4.1 Test Result

4.1.1 30_S_100M_NTNV

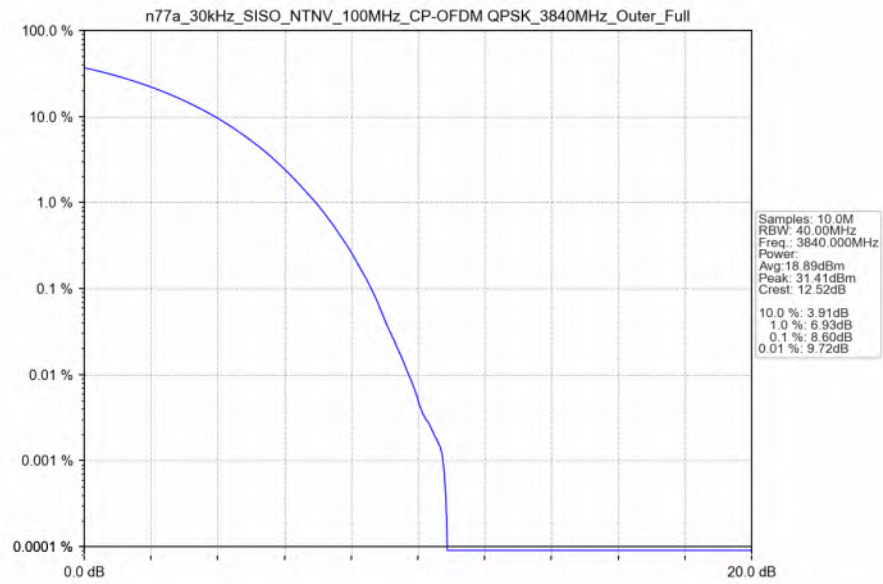
5G NR n77a SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3840	Outer Full	4.98	/	/	<=13	Pass
DFT-s-OFDM QPSK	3840	Outer Full	6.70	/	/	<=13	Pass
CP-OFDM QPSK	3840	Outer Full	8.60	/	/	<=13	Pass

4.2 Test Graph

4.2.1 30_S_100M_NTNV



n77a 30kHz SISO NTN 100MHz CP-OFDM QPSK 3840MHz Outer Full Ant2



5. Spurious Emission

5.1 Test Result

5.1.1 30_S_10M_NTNV

5G NR n77a SCS=30kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3705	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3840	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3705	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3840	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3705	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3840	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.1.2 30_S_60M_NTNV

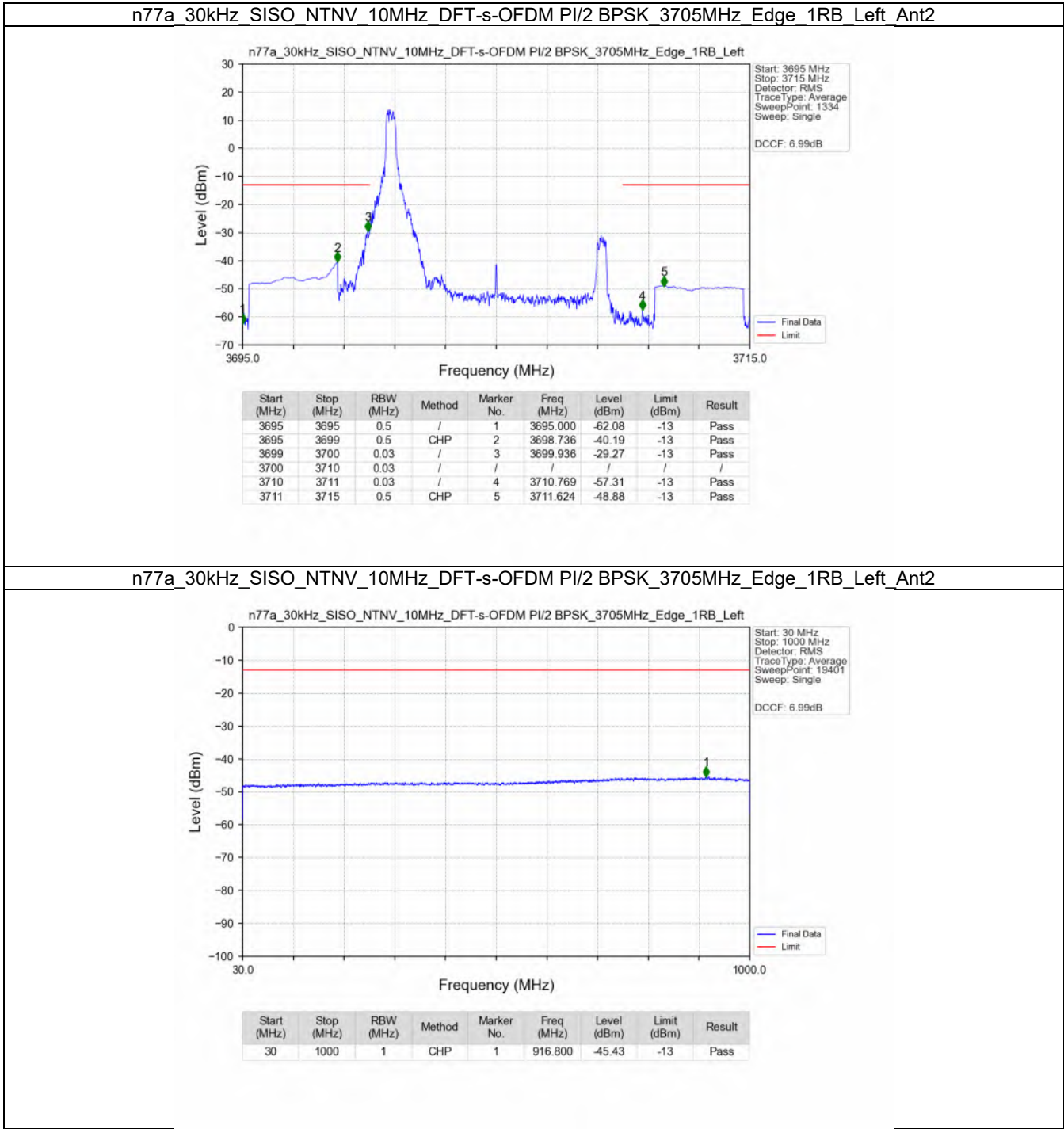
5G NR n77a SCS=30kHz SISO 60MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3730.02	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3840	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3730.02	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3840	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3730.02	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3840	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.1.3 30_S_100M_NTNV

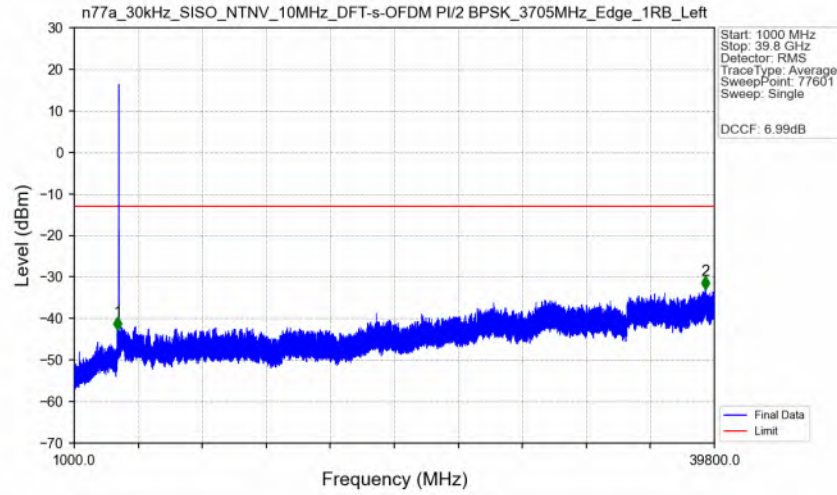
5G NR n77a SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
	3840	Edge 1RB Left	Refer To Test Graph				Pass
		Edge 1RB Right	Refer To Test Graph				Pass
	3930	Outer Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3750	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
	3840	Edge 1RB Left	Refer To Test Graph				Pass
		Edge 1RB Right	Refer To Test Graph				Pass
	3930	Outer Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3750	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
	3840	Edge 1RB Left	Refer To Test Graph				Pass
		Edge 1RB Right	Refer To Test Graph				Pass
	3930	Outer Full	Refer To Test Graph				Pass

5.2 Test Graph

5.2.1 30_S_10M_NTNV

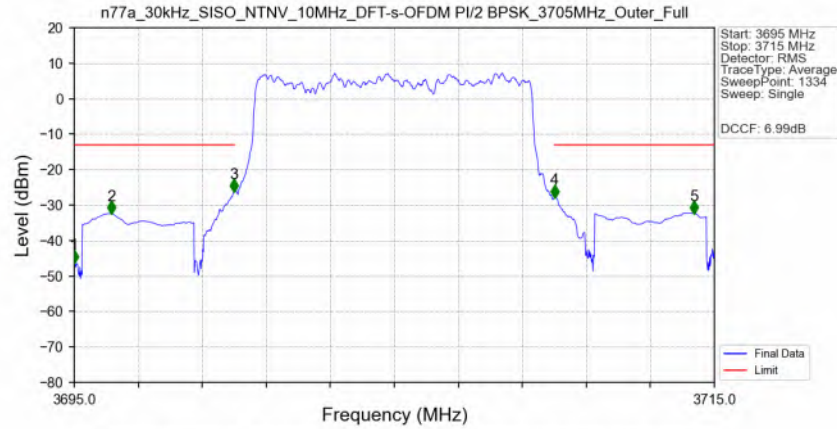


n77a 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3705MHz Edge 1RB Left Ant2



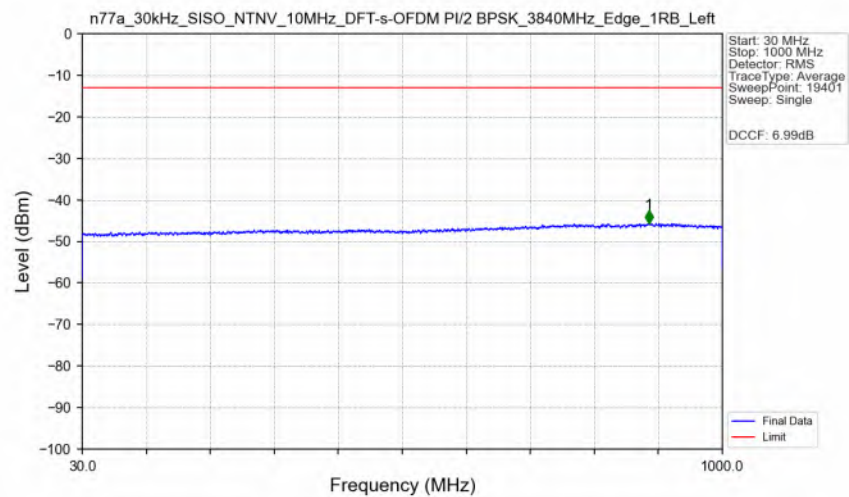
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3622.500	-42.75	-13	Pass
3695	3715	1	/	/	/	/	/	/
3715	39800	1	/	2	39239.000	-32.92	-13	Pass

n77a 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3705MHz Outer_Full Ant2



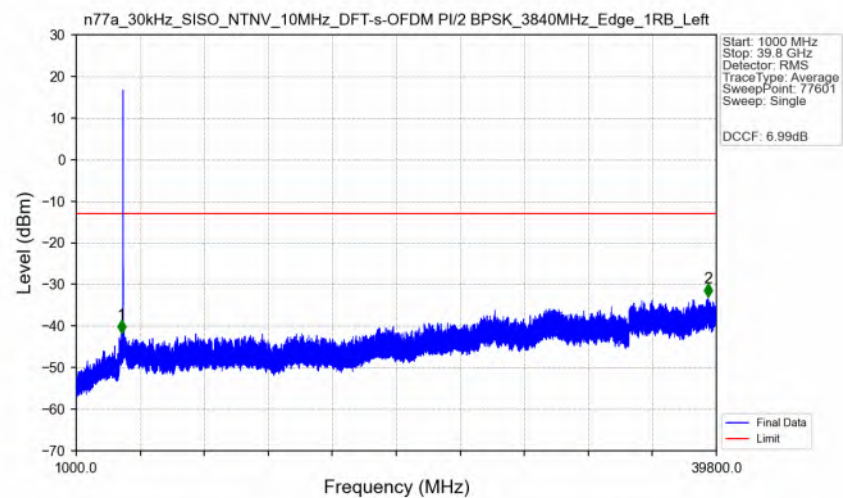
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-46.04	-13	Pass
3695	3699	0.5	CHP	2	3696.155	-32.30	-13	Pass
3699	3700	0.09507	CHP	3	3699.996	-26.10	-13	Pass
3700	3710	0.09507	CHP	/	/	/	/	/
3710	3711	0.09507	CHP	4	3710.004	-27.66	-13	Pass
3711	3715	0.5	CHP	5	3714.355	-32.22	-13	Pass

n77a 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3840MHz Edge 1RB Left Ant2



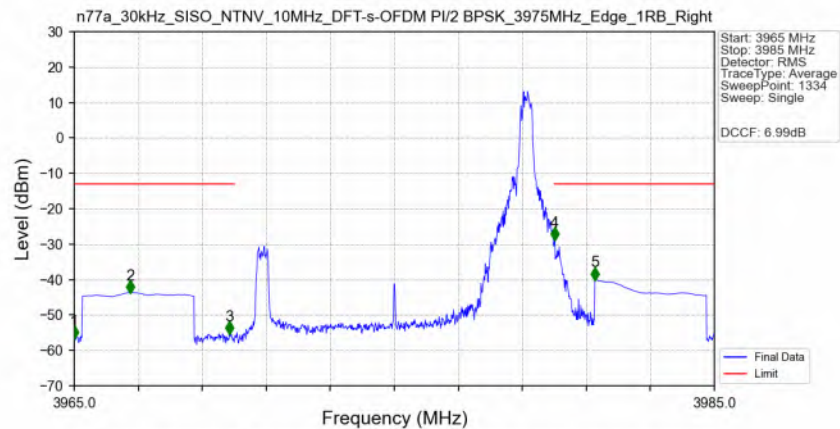
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	888.800	-45.61	-13	Pass

n77a 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3840MHz Edge 1RB Left Ant2



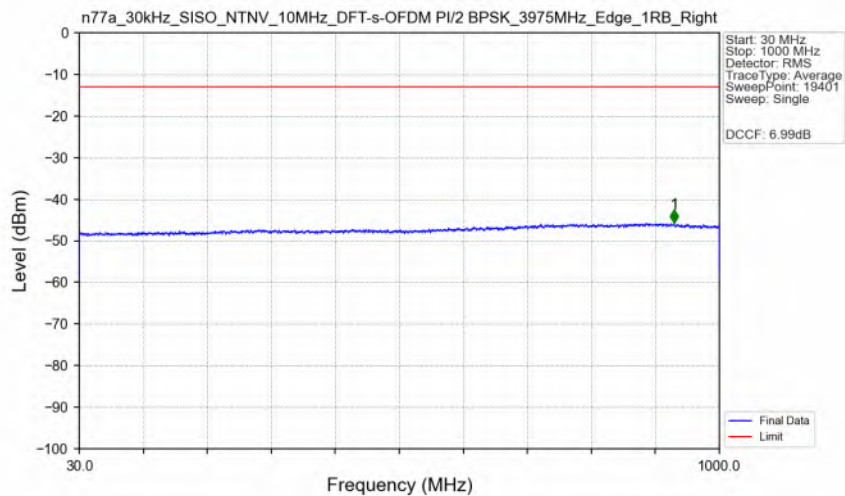
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3830	1	/	1	3753.000	-41.79	-13	Pass
3830	3850	1	/	/	/	/	/	/
3850	39800	1	/	2	39312.000	-32.96	-13	Pass

n77a 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3975MHz Edge 1RB Right Ant2



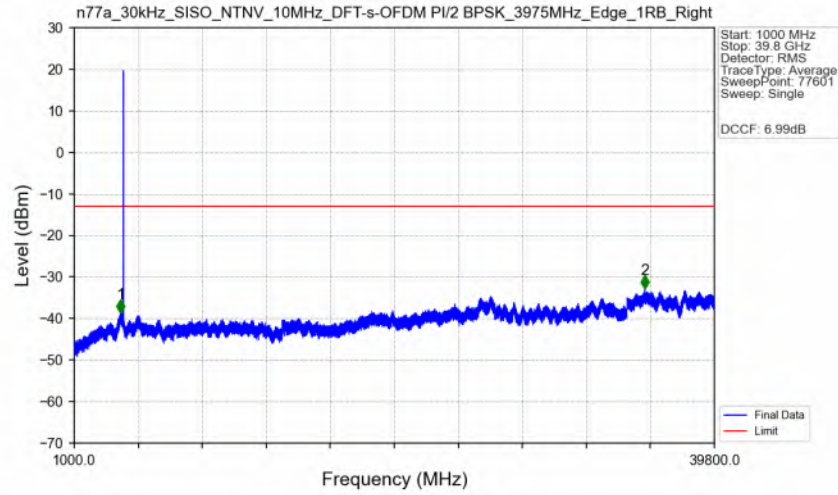
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3965	3965	0.5	/	1	3965.000	-56.42	-13	Pass
3965	3969	0.5	CHP	2	3966.755	-43.56	-13	Pass
3969	3970	0.03	/	3	3969.846	-55.15	-13	Pass
3970	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	4	3980.004	-28.72	-13	Pass
3981	3985	0.5	CHP	5	3981.264	-39.91	-13	Pass

n77a 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3975MHz Edge 1RB Right Ant2



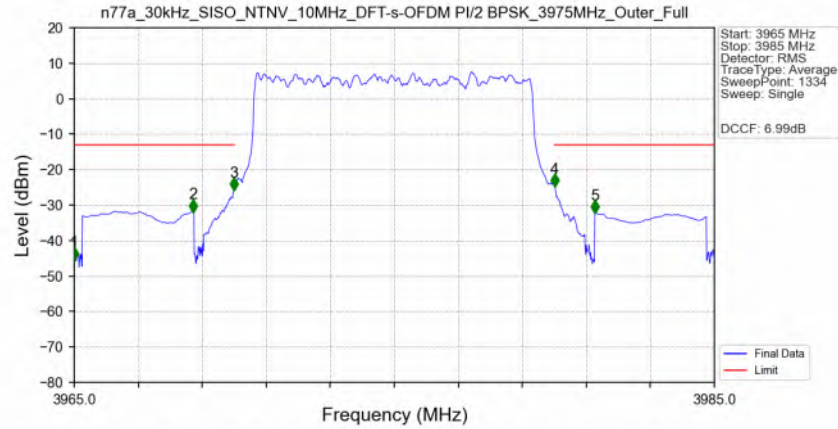
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	931.350	-45.64	-13	Pass

n77a 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3975MHz Edge 1RB Right Ant2



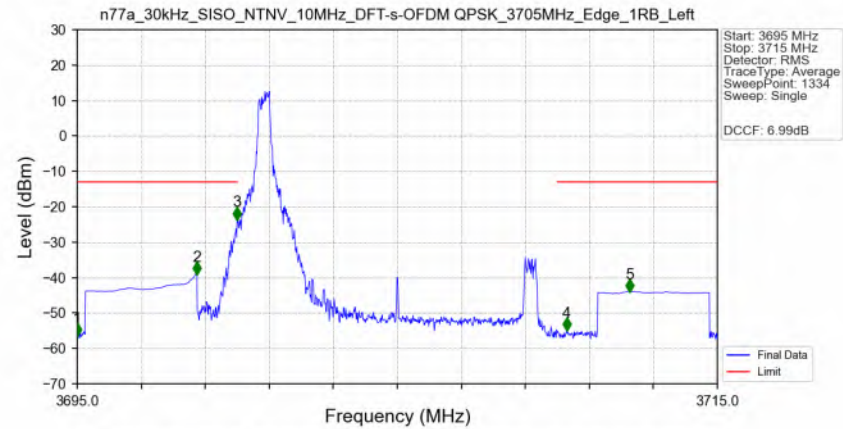
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3965	1	/	1	3812.000	-38.57	-13	Pass
3965	3985	1	/	/	/	/	/	/
3985	39800	1	/	2	35585.500	-32.73	-13	Pass

n77a 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3975MHz Outer_Full Ant2



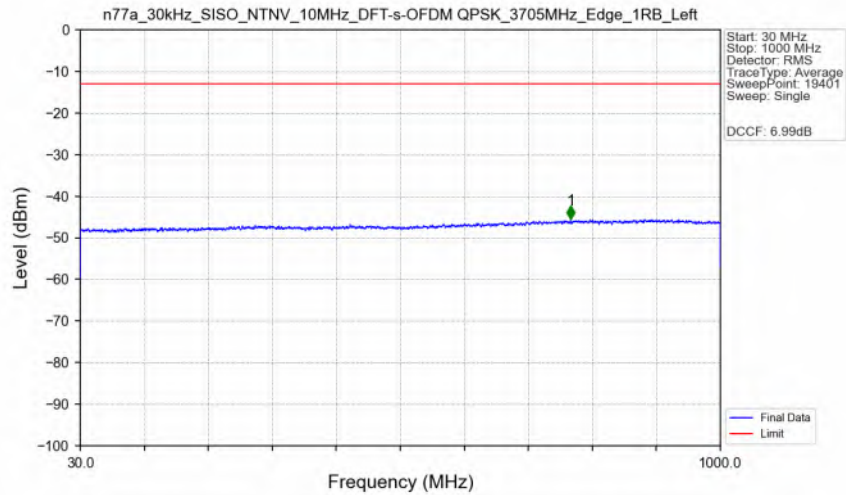
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3965	3965	0.5	/	1	3965.000	-45.20	-13	Pass
3965	3969	0.5	CHP	2	3968.721	-31.71	-13	Pass
3969	3970	0.09507	CHP	3	3969.996	-25.56	-13	Pass
3970	3980	0.09507	CHP	/	/	/	/	/
3980	3981	0.09507	CHP	4	3980.004	-24.55	-13	Pass
3981	3985	0.5	CHP	5	3981.264	-31.99	-13	Pass

n77a 30kHz SISO NTV 10MHz DFT-s-OFDM QPSK 3705MHz Edge 1RB Left Ant2



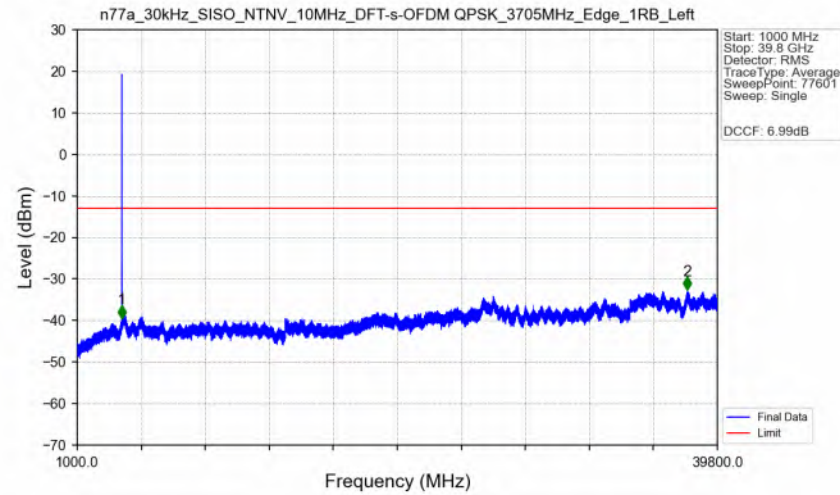
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-56.26	-13	Pass
3695	3699	0.5	CHP	2	3698.736	-38.90	-13	Pass
3699	3700	0.03	/	3	3699.996	-23.44	-13	Pass
3700	3710	0.03	/	/	/	/	/	/
3710	3711	0.03	/	4	3710.289	-54.71	-13	Pass
3711	3715	0.5	CHP	5	3712.254	-43.89	-13	Pass

n77a 30kHz SISO NTV 10MHz DFT-s-OFDM QPSK 3705MHz Edge 1RB Left Ant2



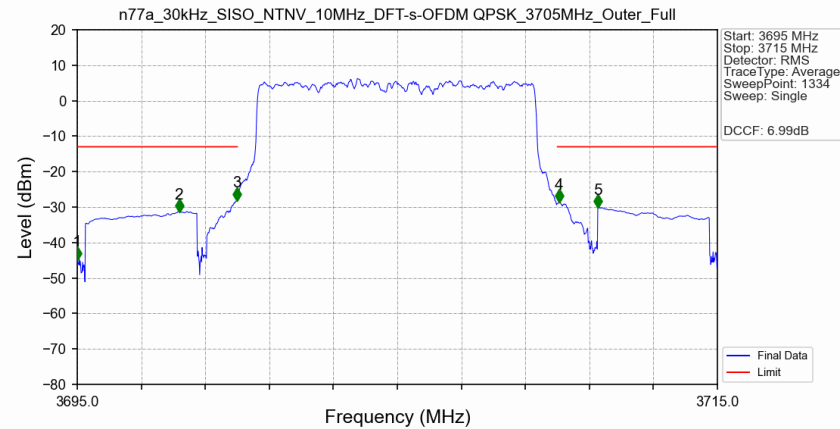
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	773.200	-45.49	-13	Pass

n77a 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3705MHz Edge 1RB Left Ant2



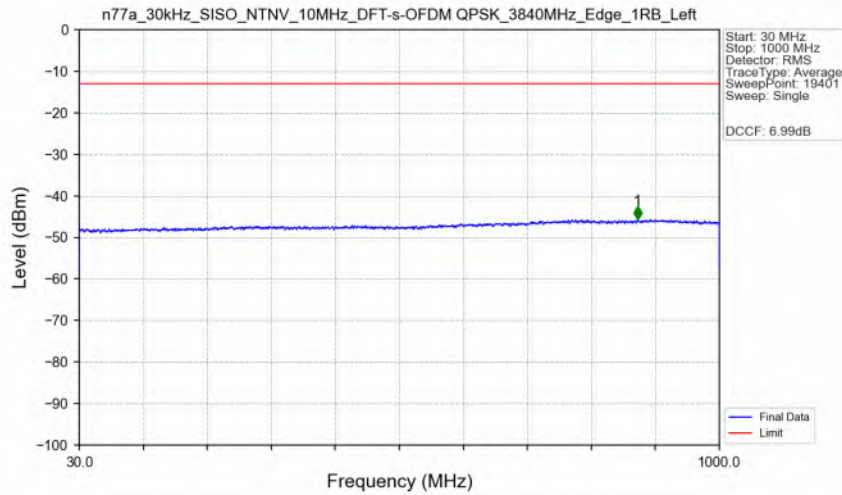
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3694.500	-39.44	-13	Pass
3695	3715	1	/	/	/	/	/	/
3715	39800	1	/	2	37984.000	-32.69	-13	Pass

n77a 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3705MHz Outer_Full Ant2

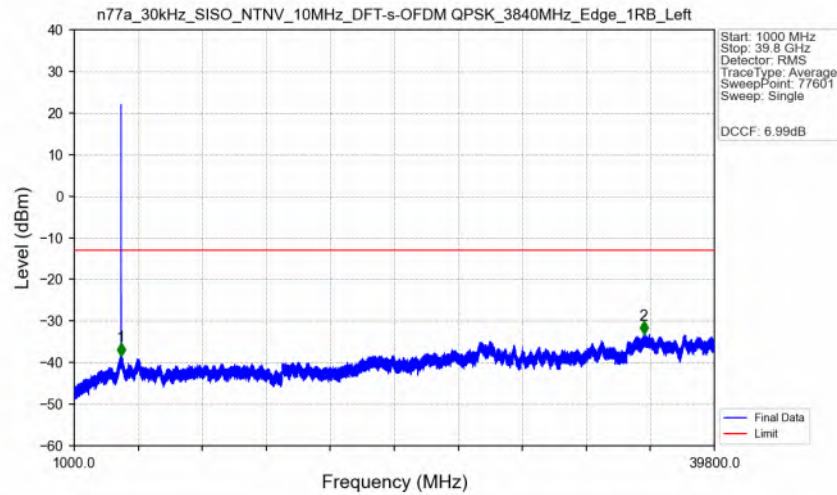


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-44.52	-13	Pass
3695	3699	0.5	CHP	2	3698.181	-31.23	-13	Pass
3699	3700	0.09507	CHP	3	3699.996	-27.89	-13	Pass
3700	3710	0.09507	CHP	/	/	/	/	/
3710	3711	0.09507	CHP	4	3710.049	-28.48	-13	Pass
3711	3715	0.5	CHP	5	3711.264	-29.84	-13	Pass

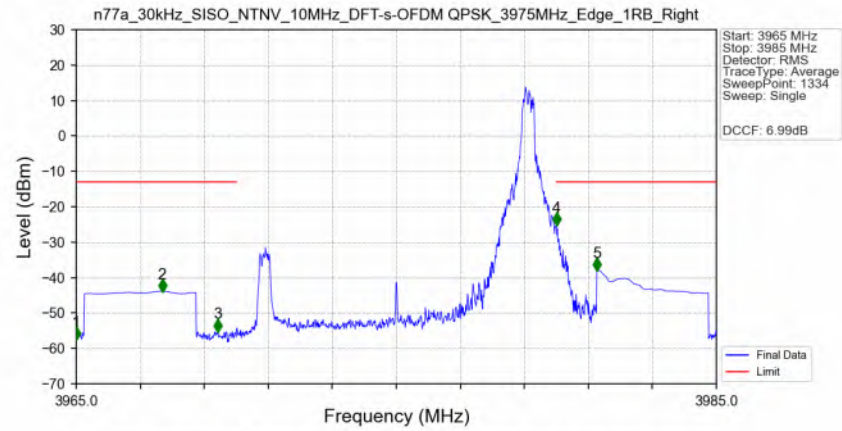
n77a 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3840MHz Edge 1RB Left Ant2



n77a 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3840MHz Edge 1RB Left Ant2

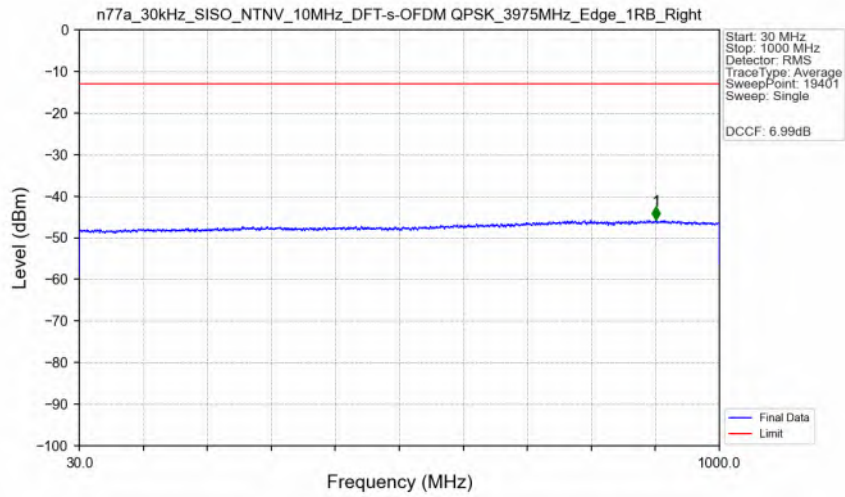


n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3975MHz_Edge_1RB_Right_Ant2



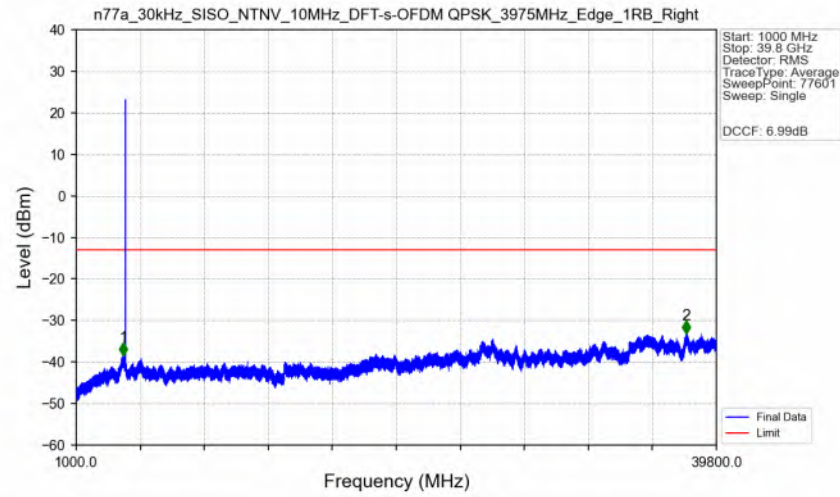
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3965	3965	0.5	/	1	3965.000	-57.28	-13	Pass
3965	3969	0.5	CHP	2	3967.686	-43.82	-13	Pass
3969	3970	0.03	/	3	3969.426	-55.04	-13	Pass
3970	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	4	3980.004	-25.00	-13	Pass
3981	3985	0.5	CHP	5	3981.264	-37.88	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3975MHz_Edge_1RB_Right_Ant2



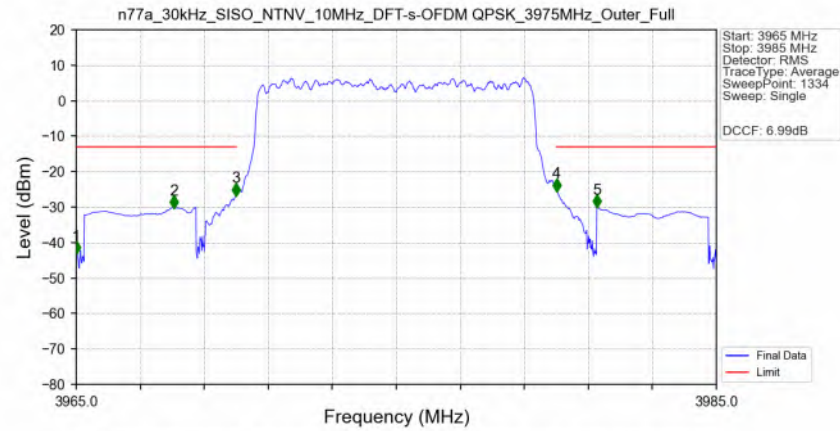
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	904.100	-45.72	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3975MHz_Edge_1RB_Right_Ant2



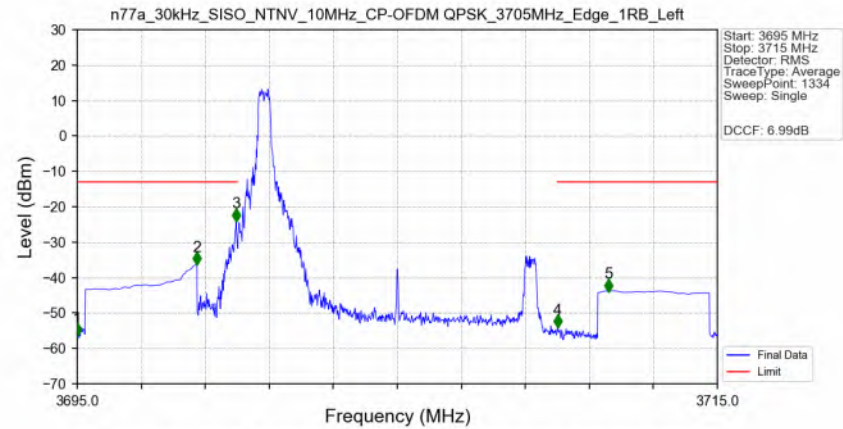
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3965	1	/	1	3853.000	-38.46	-13	Pass
3965	3985	1	/	/	/	/	/	/
3985	39800	1	/	2	3975.500	-33.10	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3975MHz_Outer_Full_Ant2



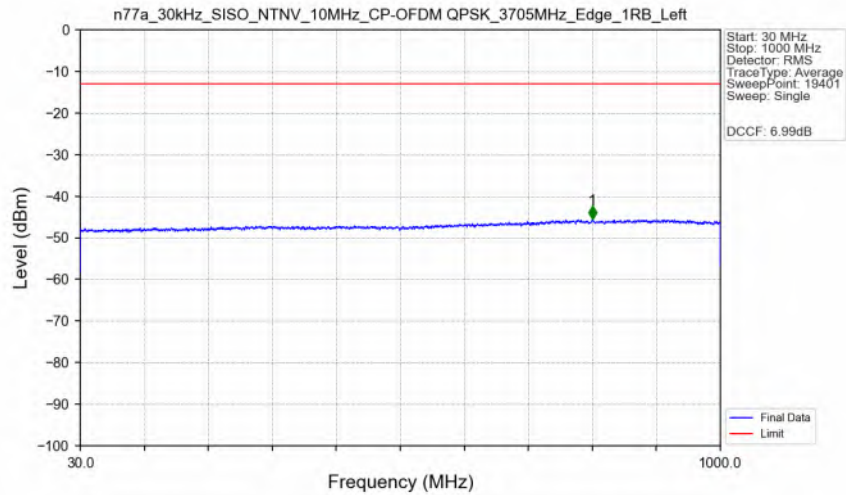
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3965	3965	0.5	/	1	3965.000	-42.94	-13	Pass
3965	3969	0.5	CHP	2	3968.061	-30.09	-13	Pass
3969	3970	0.09507	CHP	3	3969.996	-26.62	-13	Pass
3970	3980	0.09507	CHP	/	/	/	/	/
3980	3981	0.09507	CHP	4	3980.004	-25.28	-13	Pass
3981	3985	0.5	CHP	5	3981.264	-29.87	-13	Pass

n77a 30kHz SISO NTN 10MHz CP-OFDM QPSK 3705MHz Edge 1RB Left Ant2



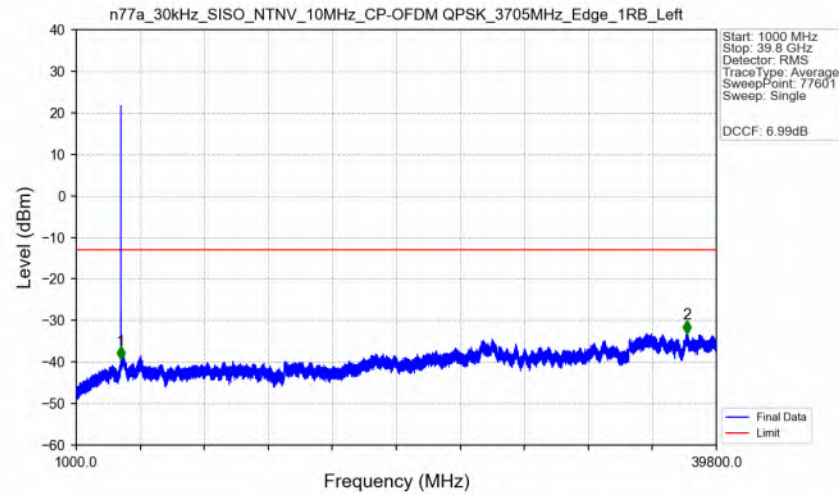
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-56.17	-13	Pass
3695	3699	0.5	CHP	2	3698.736	-36.17	-13	Pass
3699	3700	0.03	/	3	3699.966	-23.87	-13	Pass
3700	3710	0.03	/	/	/	/	/	/
3710	3711	0.03	/	4	3710.004	-53.89	-13	Pass
3711	3715	0.5	CHP	5	3711.594	-43.73	-13	Pass

n77a 30kHz SISO NTN 10MHz CP-OFDM QPSK 3705MHz Edge 1RB Left Ant2



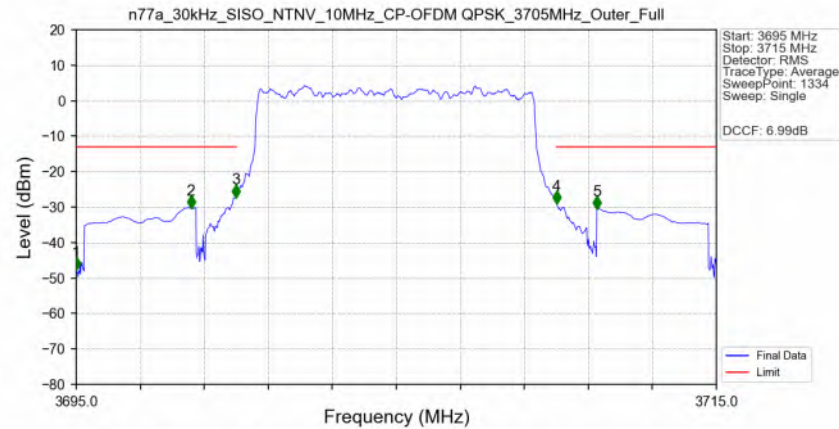
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	805.800	-45.49	-13	Pass

n77a 30kHz SISO NTN 10MHz CP-OFDM QPSK 3705MHz Edge 1RB Left Ant2



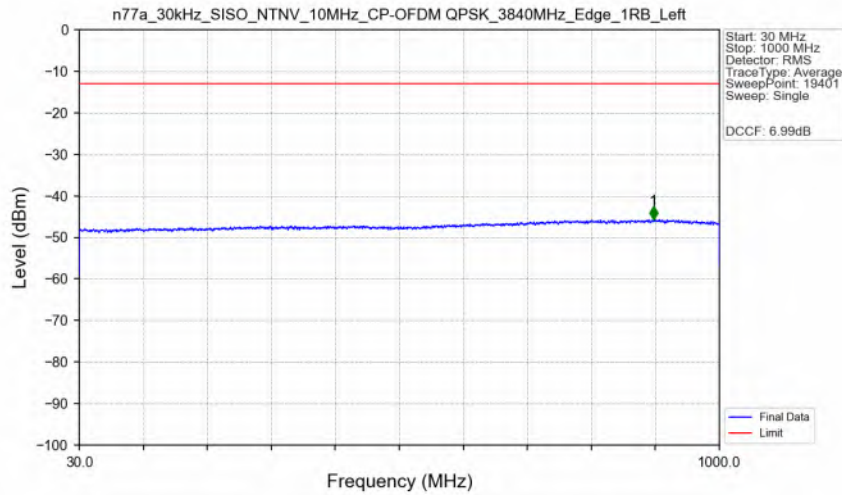
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3691.000	-39.34	-13	Pass
3695	3715	1	/	/	/	/	/	/
3715	39800	1	/	2	38006.500	-33.07	-13	Pass

n77a 30kHz SISO NTN 10MHz CP-OFDM QPSK 3705MHz Outer Full Ant2

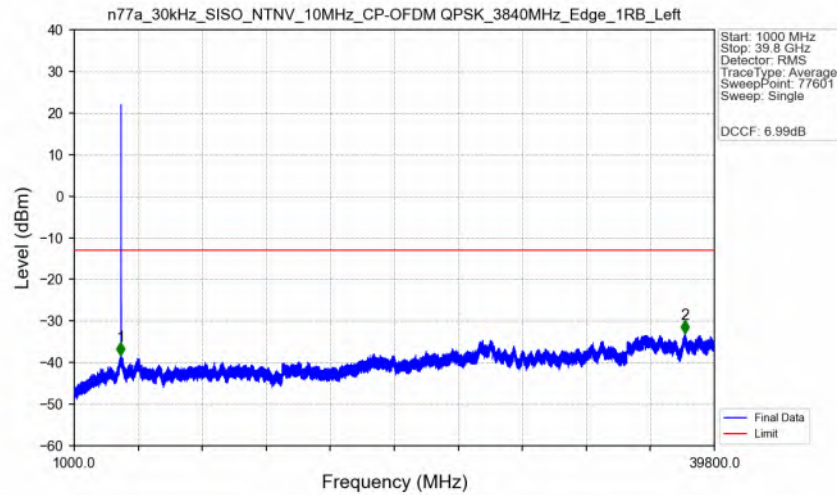


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-47.46	-13	Pass
3695	3699	0.5	CHP	2	3698.586	-30.10	-13	Pass
3699	3700	0.09507	CHP	3	3699.996	-27.01	-13	Pass
3700	3710	0.09507	CHP	/	/	/	/	/
3710	3711	0.09507	CHP	4	3710.004	-28.77	-13	Pass
3711	3715	0.5	CHP	5	3711.264	-30.32	-13	Pass

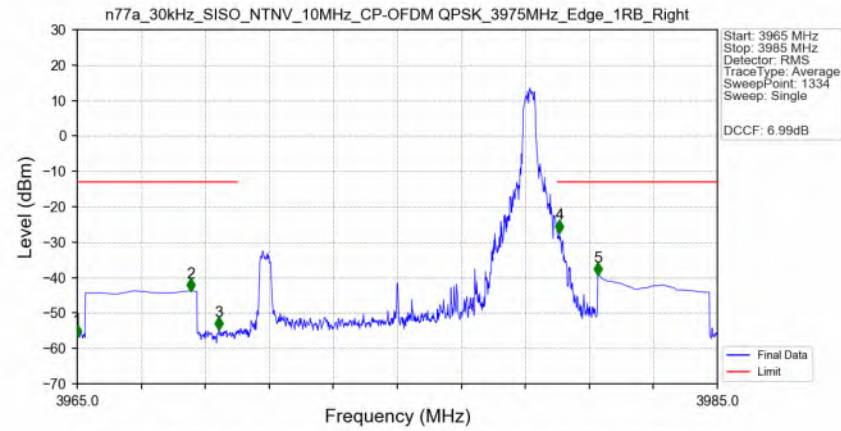
n77a 30kHz SISO NTN 10MHz CP-OFDM QPSK 3840MHz Edge 1RB Left Ant2



n77a 30kHz SISO NTN 10MHz CP-OFDM QPSK 3840MHz Edge 1RB Left Ant2

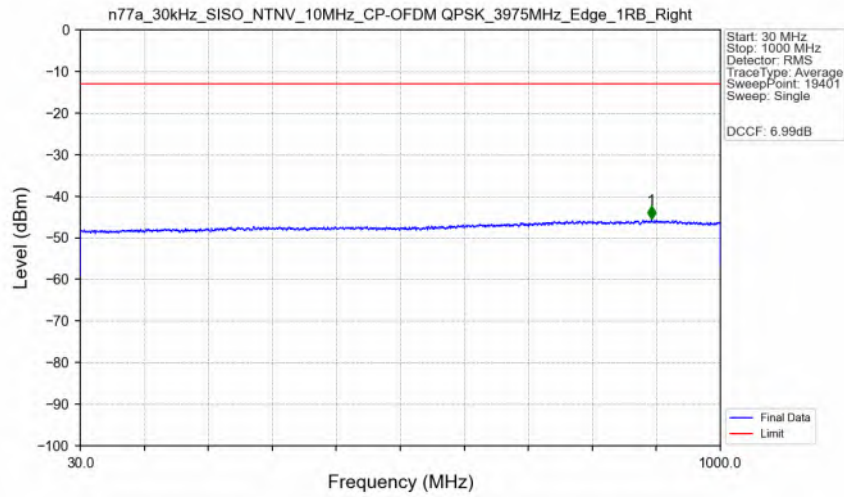


n77a 30kHz SISO NTN 10MHz CP-OFDM QPSK 3975MHz Edge 1RB Right Ant2



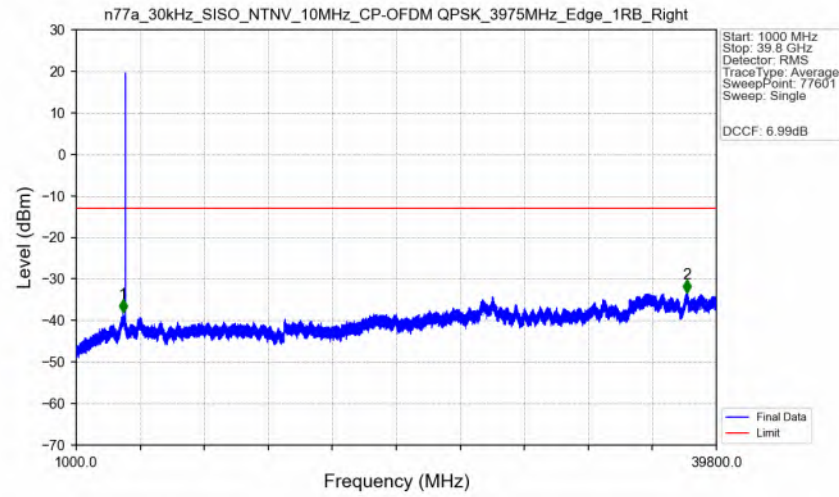
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3965	3965	0.5	/	1	3965.000	-56.59	-13	Pass
3965	3969	0.5	CHP	2	3968.556	-43.66	-13	Pass
3969	3970	0.03	/	3	3969.426	-54.57	-13	Pass
3970	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	4	3980.064	-27.06	-13	Pass
3981	3985	0.5	CHP	5	3981.264	-39.15	-13	Pass

n77a 30kHz SISO NTN 10MHz CP-OFDM QPSK 3975MHz Edge 1RB Right Ant2



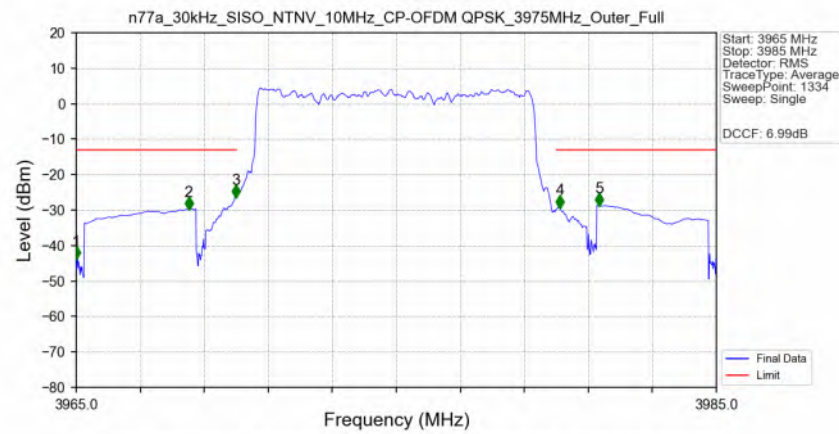
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	895.350	-45.56	-13	Pass

n77a 30kHz SISO NTN 10MHz CP-OFDM QPSK 3975MHz Edge 1RB Right Ant2



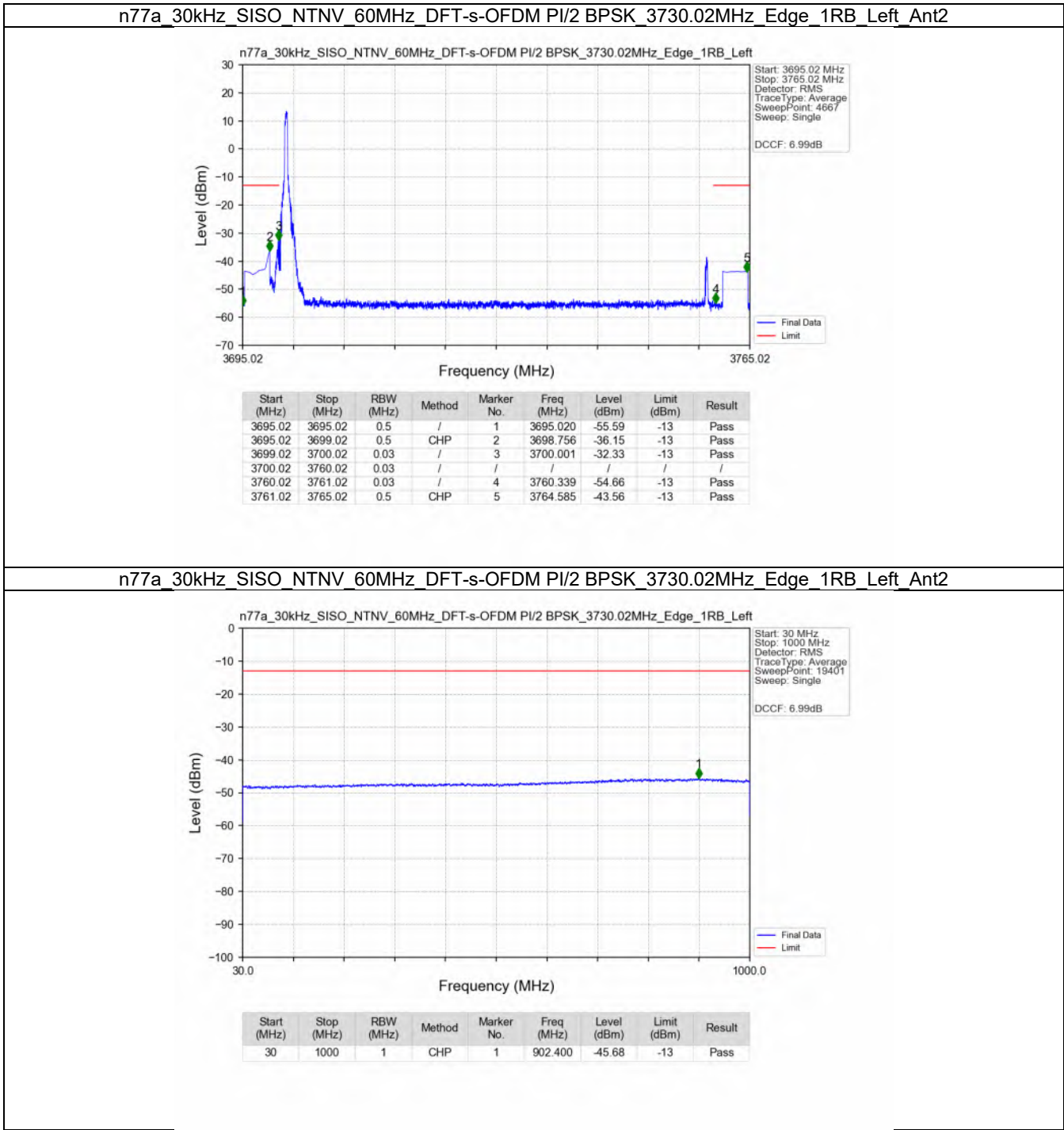
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3965	1	/	1	3824.000	-38.11	-13	Pass
3965	3985	1	/	/	/	/	/	/
3985	39800	1	/	2	38012.000	-33.27	-13	Pass

n77a 30kHz SISO NTN 10MHz CP-OFDM QPSK 3975MHz Outer Full Ant2

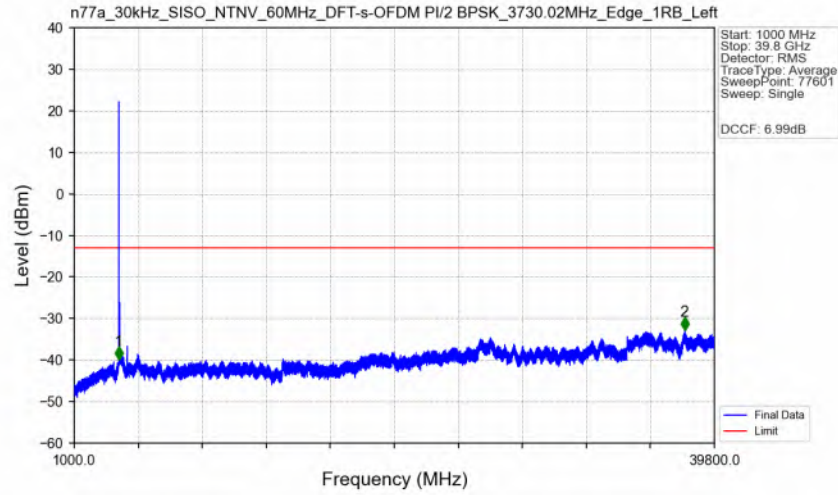


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3965	3965	0.5	/	1	3965.000	-43.60	-13	Pass
3965	3969	0.5	CHP	2	3968.511	-29.64	-13	Pass
3969	3970	0.09507	CHP	3	3969.981	-26.21	-13	Pass
3970	3980	0.09507	CHP	/	/	/	/	/
3980	3981	0.09507	CHP	4	3980.109	-29.16	-13	Pass
3981	3985	0.5	CHP	5	3981.324	-28.69	-13	Pass

5.2.2 30_S_60M_NTNV

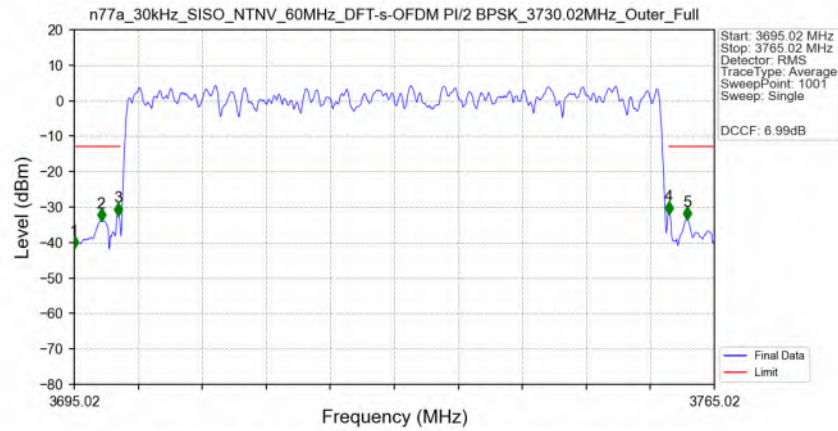


n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_PI/2_BPSK_3730.02MHz_Edge_1RB_Left_Ant2



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695.02	1	/	1	3695.000	-39.92	-13	Pass
3695.02	3765.02	1	/	/	/	/	/	/
3765.02	39800	1	/	2	37990.000	-32.87	-13	Pass

n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_PI/2_BPSK_3730.02MHz_Outer_Full_Ant2



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695.02	3695.02	0.5	/	1	3695.020	-41.42	-13	Pass
3695.02	3699.02	0.5	CHP	2	3697.960	-33.74	-13	Pass
3699.02	3700.02	0.35	CHP	3	3699.780	-32.14	-13	Pass
3700.02	3760.02	0.35	CHP	/	/	/	/	/
3760.02	3761.02	0.35	CHP	4	3760.050	-31.70	-13	Pass
3761.02	3765.02	0.5	CHP	5	3762.010	-33.36	-13	Pass