

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 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	3705	Edge_1RB_Left	23.74	/	/	21.32	/	/	<=30	Pass
		Edge_1RB_Right	23.65	/	/	21.23	/	/	<=30	Pass
		Outer_Full	26.75	/	/	24.33	/	/	<=30	Pass
		Inner_Full	27.29	/	/	24.87	/	/	<=30	Pass
		Inner_1RB_Left	27.23	/	/	24.81	/	/	<=30	Pass
	3840	Inner_1RB_Right	27.14	/	/	24.72	/	/	<=30	Pass
		Edge_1RB_Left	23.70	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	23.58	/	/	21.16	/	/	<=30	Pass
		Outer_Full	26.75	/	/	24.33	/	/	<=30	Pass
		Inner_Full	27.25	/	/	24.83	/	/	<=30	Pass
	3975	Inner_1RB_Left	27.25	/	/	24.83	/	/	<=30	Pass
		Inner_1RB_Right	27.18	/	/	24.76	/	/	<=30	Pass
		Edge_1RB_Left	24.33	/	/	21.91	/	/	<=30	Pass
		Edge_1RB_Right	24.36	/	/	21.94	/	/	<=30	Pass
		Outer_Full	27.39	/	/	24.97	/	/	<=30	Pass
DFT-s-OFDM QPSK	3705	Inner_Full	28.11	/	/	25.69	/	/	<=30	Pass
		Inner_1RB_Left	28.02	/	/	25.60	/	/	<=30	Pass
		Inner_1RB_Right	28.17	/	/	25.75	/	/	<=30	Pass
		Edge_1RB_Left	23.71	/	/	21.29	/	/	<=30	Pass
		Edge_1RB_Right	23.60	/	/	21.18	/	/	<=30	Pass
	3840	Outer_Full	26.24	/	/	23.82	/	/	<=30	Pass
		Inner_Full	27.25	/	/	24.83	/	/	<=30	Pass
		Inner_1RB_Left	27.22	/	/	24.80	/	/	<=30	Pass
		Inner_1RB_Right	27.09	/	/	24.67	/	/	<=30	Pass
		Edge_1RB_Left	23.72	/	/	21.30	/	/	<=30	Pass
	3975	Edge_1RB_Right	23.59	/	/	21.17	/	/	<=30	Pass
		Outer_Full	26.23	/	/	23.81	/	/	<=30	Pass
		Inner_Full	27.23	/	/	24.81	/	/	<=30	Pass
		Inner_1RB_Left	27.25	/	/	24.83	/	/	<=30	Pass
		Inner_1RB_Right	27.12	/	/	24.70	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3705	Edge_1RB_Left	24.37	/	/	21.95	/	/	<=30	Pass
		Edge_1RB_Right	24.42	/	/	22.00	/	/	<=30	Pass
		Outer_Full	26.95	/	/	24.53	/	/	<=30	Pass
		Inner_Full	27.88	/	/	25.46	/	/	<=30	Pass
		Inner_1RB_Left	27.79	/	/	25.37	/	/	<=30	Pass
	3840	Inner_1RB_Right	27.89	/	/	25.47	/	/	<=30	Pass
		Edge_1RB_Left	23.62	/	/	21.20	/	/	<=30	Pass
		Edge_1RB_Right	23.50	/	/	21.08	/	/	<=30	Pass
		Outer_Full	25.35	/	/	22.93	/	/	<=30	Pass
		Inner_Full	26.27	/	/	23.85	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3705	Inner_1RB_Left	26.12	/	/	23.70	/	/	<=30	Pass
		Inner_1RB_Right	25.99	/	/	23.57	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.55	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Right	23.49	/	/	21.07	/	/	<=30	Pass
		Outer_Full	25.28	/	/	22.86	/	/	<=30	Pass
		Inner_Full	26.24	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Left	26.10	/	/	23.68	/	/	<=30	Pass

	3975	Inner 1RB Right	25.99	/	/	23.57	/	/	<=30	Pass
		Edge 1RB Left	24.26	/	/	21.84	/	/	<=30	Pass
		Edge 1RB Right	24.24	/	/	21.82	/	/	<=30	Pass
		Outer Full	25.94	/	/	23.52	/	/	<=30	Pass
		Inner Full	26.87	/	/	24.45	/	/	<=30	Pass
		Inner 1RB Left	26.73	/	/	24.31	/	/	<=30	Pass
		Inner 1RB Right	26.79	/	/	24.37	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3705	Edge 1RB Left	23.75	/	/	21.33	/	/	<=30	Pass
		Edge 1RB Right	23.64	/	/	21.22	/	/	<=30	Pass
		Outer Full	24.72	/	/	22.30	/	/	<=30	Pass
		Inner Full	24.63	/	/	22.21	/	/	<=30	Pass
		Inner 1RB Left	24.76	/	/	22.34	/	/	<=30	Pass
		Inner 1RB Right	24.69	/	/	22.27	/	/	<=30	Pass
	3840	Edge 1RB Left	23.78	/	/	21.36	/	/	<=30	Pass
		Edge 1RB Right	23.70	/	/	21.28	/	/	<=30	Pass
		Outer Full	24.75	/	/	22.33	/	/	<=30	Pass
		Inner Full	24.72	/	/	22.30	/	/	<=30	Pass
		Inner 1RB Left	24.73	/	/	22.31	/	/	<=30	Pass
		Inner 1RB Right	24.66	/	/	22.24	/	/	<=30	Pass
	3975	Edge 1RB Left	24.35	/	/	21.93	/	/	<=30	Pass
		Edge 1RB Right	24.42	/	/	22.00	/	/	<=30	Pass
		Outer Full	25.48	/	/	23.06	/	/	<=30	Pass
		Inner Full	25.42	/	/	23.00	/	/	<=30	Pass
		Inner 1RB Left	25.39	/	/	22.97	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3705	Inner 1RB Right	25.45	/	/	23.03	/	/	<=30	Pass
		Edge 1RB Left	22.72	/	/	20.30	/	/	<=30	Pass
		Edge 1RB Right	22.66	/	/	20.24	/	/	<=30	Pass
		Outer Full	22.77	/	/	20.35	/	/	<=30	Pass
		Inner Full	22.75	/	/	20.33	/	/	<=30	Pass
		Inner 1RB Left	22.75	/	/	20.33	/	/	<=30	Pass
	3840	Inner 1RB Right	22.71	/	/	20.29	/	/	<=30	Pass
		Edge 1RB Left	22.71	/	/	20.29	/	/	<=30	Pass
		Edge 1RB Right	22.64	/	/	20.22	/	/	<=30	Pass
		Outer Full	22.73	/	/	20.31	/	/	<=30	Pass
		Inner Full	22.76	/	/	20.34	/	/	<=30	Pass
		Inner 1RB Left	22.69	/	/	20.27	/	/	<=30	Pass
	3975	Inner 1RB Right	22.62	/	/	20.20	/	/	<=30	Pass
		Edge 1RB Left	23.32	/	/	20.90	/	/	<=30	Pass
		Edge 1RB Right	23.34	/	/	20.92	/	/	<=30	Pass
		Outer Full	23.37	/	/	20.95	/	/	<=30	Pass
		Inner Full	23.54	/	/	21.12	/	/	<=30	Pass
		Inner 1RB Left	23.28	/	/	20.86	/	/	<=30	Pass
CP-OFDM QPSK	3705	Inner 1RB Right	23.37	/	/	20.95	/	/	<=30	Pass
		Edge 1RB Left	23.80	/	/	21.38	/	/	<=30	Pass
		Edge 1RB Right	23.70	/	/	21.28	/	/	<=30	Pass
		Outer Full	24.19	/	/	21.77	/	/	<=30	Pass
		Inner Full	25.78	/	/	23.36	/	/	<=30	Pass
		Inner 1RB Left	25.77	/	/	23.35	/	/	<=30	Pass
	3840	Inner 1RB Right	25.72	/	/	23.30	/	/	<=30	Pass
		Edge 1RB Left	23.74	/	/	21.32	/	/	<=30	Pass
		Edge 1RB Right	23.70	/	/	21.28	/	/	<=30	Pass
		Outer Full	24.17	/	/	21.75	/	/	<=30	Pass
		Inner Full	25.78	/	/	23.36	/	/	<=30	Pass
		Inner 1RB Left	25.75	/	/	23.33	/	/	<=30	Pass
	3975	Inner 1RB Right	25.69	/	/	23.27	/	/	<=30	Pass
		Edge 1RB Left	24.43	/	/	22.01	/	/	<=30	Pass
		Edge 1RB Right	24.38	/	/	21.96	/	/	<=30	Pass
		Outer Full	24.94	/	/	22.52	/	/	<=30	Pass
		Inner Full	26.45	/	/	24.03	/	/	<=30	Pass

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	23.88	/	/	21.46	/	/	<=30	Pass
		Edge_1RB_Right	23.93	/	/	21.51	/	/	<=30	Pass
		Outer_Full	26.92	/	/	24.50	/	/	<=30	Pass
		Inner_Full	27.44	/	/	25.02	/	/	<=30	Pass
		Inner_1RB_Left	27.47	/	/	25.05	/	/	<=30	Pass
		Inner_1RB_Right	27.48	/	/	25.06	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.81	/	/	21.39	/	/	<=30	Pass
		Edge_1RB_Right	23.56	/	/	21.14	/	/	<=30	Pass
		Outer_Full	26.80	/	/	24.38	/	/	<=30	Pass
		Inner_Full	27.40	/	/	24.98	/	/	<=30	Pass
		Inner_1RB_Left	27.35	/	/	24.93	/	/	<=30	Pass
		Inner_1RB_Right	27.09	/	/	24.67	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	24.36	/	/	21.94	/	/	<=30	Pass
		Edge_1RB_Right	24.46	/	/	22.04	/	/	<=30	Pass
		Outer_Full	27.53	/	/	25.11	/	/	<=30	Pass
		Inner_Full	28.01	/	/	25.59	/	/	<=30	Pass
		Inner_1RB_Left	27.93	/	/	25.51	/	/	<=30	Pass
		Inner_1RB_Right	28.03	/	/	25.61	/	/	<=30	Pass
DFT-s-OFDM QPSK	3710.01	Edge_1RB_Left	23.86	/	/	21.44	/	/	<=30	Pass
		Edge_1RB_Right	23.93	/	/	21.51	/	/	<=30	Pass
		Outer_Full	26.41	/	/	23.99	/	/	<=30	Pass
		Inner_Full	27.38	/	/	24.96	/	/	<=30	Pass
		Inner_1RB_Left	27.45	/	/	25.03	/	/	<=30	Pass
		Inner_1RB_Right	27.48	/	/	25.06	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.79	/	/	21.37	/	/	<=30	Pass
		Edge_1RB_Right	23.51	/	/	21.09	/	/	<=30	Pass
		Outer_Full	26.34	/	/	23.92	/	/	<=30	Pass
		Inner_Full	27.32	/	/	24.90	/	/	<=30	Pass
		Inner_1RB_Left	27.35	/	/	24.93	/	/	<=30	Pass
		Inner_1RB_Right	27.11	/	/	24.69	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	24.41	/	/	21.99	/	/	<=30	Pass
		Edge_1RB_Right	24.47	/	/	22.05	/	/	<=30	Pass
		Outer_Full	26.99	/	/	24.57	/	/	<=30	Pass
		Inner_Full	27.99	/	/	25.57	/	/	<=30	Pass
		Inner_1RB_Left	27.93	/	/	25.51	/	/	<=30	Pass
		Inner_1RB_Right	27.83	/	/	25.41	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Edge_1RB_Left	23.81	/	/	21.39	/	/	<=30	Pass
		Edge_1RB_Right	23.78	/	/	21.36	/	/	<=30	Pass
		Outer_Full	25.44	/	/	23.02	/	/	<=30	Pass
		Inner_Full	26.42	/	/	24.00	/	/	<=30	Pass
		Inner_1RB_Left	26.25	/	/	23.83	/	/	<=30	Pass
		Inner_1RB_Right	26.33	/	/	23.91	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.70	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	23.41	/	/	20.99	/	/	<=30	Pass
		Outer_Full	25.34	/	/	22.92	/	/	<=30	Pass
		Inner_Full	26.38	/	/	23.96	/	/	<=30	Pass
		Inner_1RB_Left	26.19	/	/	23.77	/	/	<=30	Pass
		Inner_1RB_Right	25.94	/	/	23.52	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	24.26	/	/	21.84	/	/	<=30	Pass
		Edge_1RB_Right	24.26	/	/	21.84	/	/	<=30	Pass
		Outer_Full	25.93	/	/	23.51	/	/	<=30	Pass
		Inner_Full	27.03	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Left	26.75	/	/	24.33	/	/	<=30	Pass
		Inner_1RB_Right	26.69	/	/	24.27	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3710.01	Edge_1RB_Left	23.88	/	/	21.46	/	/	<=30	Pass

		Edge_1RB_Right	23.89	/	/	21.47	/	/	<=30	Pass
		Outer_Full	24.93	/	/	22.51	/	/	<=30	Pass
		Inner_Full	24.81	/	/	22.39	/	/	<=30	Pass
		Inner_1RB_Left	24.91	/	/	22.49	/	/	<=30	Pass
		Inner_1RB_Right	25.01	/	/	22.59	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.77	/	/	21.35	/	/	<=30	Pass
		Edge_1RB_Right	23.47	/	/	21.05	/	/	<=30	Pass
		Outer_Full	24.85	/	/	22.43	/	/	<=30	Pass
		Inner_Full	24.83	/	/	22.41	/	/	<=30	Pass
		Inner_1RB_Left	24.82	/	/	22.40	/	/	<=30	Pass
	3969.99	Inner_1RB_Right	24.56	/	/	22.14	/	/	<=30	Pass
		Edge_1RB_Left	24.58	/	/	22.16	/	/	<=30	Pass
		Edge_1RB_Right	24.49	/	/	22.07	/	/	<=30	Pass
		Outer_Full	25.49	/	/	23.07	/	/	<=30	Pass
		Inner_Full	25.49	/	/	23.07	/	/	<=30	Pass
	DFT-s-OFDM 256 QAM	3710.01	Inner_1RB_Left	25.47	/	/	23.05	/	/	<=30
Inner_1RB_Right			25.39	/	/	22.97	/	/	<=30	Pass
Edge_1RB_Left			22.95	/	/	20.53	/	/	<=30	Pass
Edge_1RB_Right			22.96	/	/	20.54	/	/	<=30	Pass
Outer_Full			22.88	/	/	20.46	/	/	<=30	Pass
Inner_Full			22.95	/	/	20.53	/	/	<=30	Pass
3840		Inner_1RB_Left	22.93	/	/	20.51	/	/	<=30	Pass
		Inner_1RB_Right	23.00	/	/	20.58	/	/	<=30	Pass
		Edge_1RB_Left	22.91	/	/	20.49	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	20.23	/	/	<=30	Pass
		Outer_Full	22.77	/	/	20.35	/	/	<=30	Pass
		Inner_Full	22.84	/	/	20.42	/	/	<=30	Pass
3969.99		Inner_1RB_Left	22.89	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Right	22.66	/	/	20.24	/	/	<=30	Pass
		Edge_1RB_Left	23.43	/	/	21.01	/	/	<=30	Pass
		Edge_1RB_Right	23.35	/	/	20.93	/	/	<=30	Pass
	Outer_Full	23.55	/	/	21.13	/	/	<=30	Pass	
	Inner_Full	23.54	/	/	21.12	/	/	<=30	Pass	
CP-OFDM QPSK	3710.01	Inner_1RB_Left	23.42	/	/	21.00	/	/	<=30	Pass
		Inner_1RB_Right	23.43	/	/	21.01	/	/	<=30	Pass
		Edge_1RB_Left	24.06	/	/	21.64	/	/	<=30	Pass
		Edge_1RB_Right	24.00	/	/	21.58	/	/	<=30	Pass
		Outer_Full	24.40	/	/	21.98	/	/	<=30	Pass
	3840	Inner_Full	26.03	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Left	25.99	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Right	25.99	/	/	23.57	/	/	<=30	Pass
		Edge_1RB_Left	23.90	/	/	21.48	/	/	<=30	Pass
		Edge_1RB_Right	23.67	/	/	21.25	/	/	<=30	Pass
		Outer_Full	24.31	/	/	21.89	/	/	<=30	Pass
	3969.99	Inner_Full	25.91	/	/	23.49	/	/	<=30	Pass
		Inner_1RB_Left	25.92	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Right	25.61	/	/	23.19	/	/	<=30	Pass
		Edge_1RB_Left	24.46	/	/	22.04	/	/	<=30	Pass
		Edge_1RB_Right	24.43	/	/	22.01	/	/	<=30	Pass
Outer_Full		24.97	/	/	22.55	/	/	<=30	Pass	
CP-OFDM 16 QAM	3710.01	Inner_Full	26.50	/	/	24.08	/	/	<=30	Pass
		Inner_1RB_Left	26.45	/	/	24.03	/	/	<=30	Pass
		Inner_1RB_Right	26.36	/	/	23.94	/	/	<=30	Pass
		Edge_1RB_Left	23.82	/	/	21.40	/	/	<=30	Pass
		Edge_1RB_Right	23.91	/	/	21.49	/	/	<=30	Pass
		Outer_Full	24.36	/	/	21.94	/	/	<=30	Pass
		Inner_Full	25.45	/	/	23.03	/	/	<=30	Pass
		Inner_1RB_Left	25.49	/	/	23.07	/	/	<=30	Pass
		Inner_1RB_Right	25.33	/	/	22.91	/	/	<=30	Pass

	3840	Edge_1RB_Left	23.82	/	/	21.40	/	/	<=30	Pass
		Edge_1RB_Right	23.42	/	/	21.00	/	/	<=30	Pass
		Outer_Full	24.34	/	/	21.92	/	/	<=30	Pass
		Inner_Full	25.40	/	/	22.98	/	/	<=30	Pass
		Inner_1RB_Left	25.24	/	/	22.82	/	/	<=30	Pass
		Inner_1RB_Right	25.01	/	/	22.59	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	24.33	/	/	21.91	/	/	<=30	Pass
		Edge_1RB_Right	24.29	/	/	21.87	/	/	<=30	Pass
		Outer_Full	25.03	/	/	22.61	/	/	<=30	Pass
		Inner_Full	25.99	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Left	25.86	/	/	23.44	/	/	<=30	Pass
		Inner_1RB_Right	25.80	/	/	23.38	/	/	<=30	Pass
CP-OFDM 64 QAM	3710.01	Edge_1RB_Left	23.94	/	/	21.52	/	/	<=30	Pass
		Edge_1RB_Right	23.94	/	/	21.52	/	/	<=30	Pass
		Outer_Full	23.84	/	/	21.42	/	/	<=30	Pass
		Inner_Full	23.95	/	/	21.53	/	/	<=30	Pass
		Inner_1RB_Left	23.91	/	/	21.49	/	/	<=30	Pass
		Inner_1RB_Right	23.88	/	/	21.46	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.85	/	/	21.43	/	/	<=30	Pass
		Edge_1RB_Right	23.57	/	/	21.15	/	/	<=30	Pass
		Outer_Full	23.82	/	/	21.40	/	/	<=30	Pass
		Inner_Full	23.86	/	/	21.44	/	/	<=30	Pass
		Inner_1RB_Left	23.84	/	/	21.42	/	/	<=30	Pass
		Inner_1RB_Right	23.59	/	/	21.17	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	24.42	/	/	22.00	/	/	<=30	Pass
		Edge_1RB_Right	24.37	/	/	21.95	/	/	<=30	Pass
		Outer_Full	24.39	/	/	21.97	/	/	<=30	Pass
		Inner_Full	24.39	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Left	24.42	/	/	22.00	/	/	<=30	Pass
		Inner_1RB_Right	24.33	/	/	21.91	/	/	<=30	Pass
CP-OFDM 256 QAM	3710.01	Edge_1RB_Left	20.89	/	/	18.47	/	/	<=30	Pass
		Edge_1RB_Right	20.98	/	/	18.56	/	/	<=30	Pass
		Outer_Full	20.82	/	/	18.40	/	/	<=30	Pass
		Inner_Full	20.89	/	/	18.47	/	/	<=30	Pass
		Inner_1RB_Left	20.91	/	/	18.49	/	/	<=30	Pass
		Inner_1RB_Right	20.96	/	/	18.54	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.91	/	/	18.49	/	/	<=30	Pass
		Edge_1RB_Right	20.63	/	/	18.21	/	/	<=30	Pass
		Outer_Full	20.74	/	/	18.32	/	/	<=30	Pass
		Inner_Full	20.83	/	/	18.41	/	/	<=30	Pass
		Inner_1RB_Left	20.86	/	/	18.44	/	/	<=30	Pass
		Inner_1RB_Right	20.62	/	/	18.20	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	21.46	/	/	19.04	/	/	<=30	Pass
		Edge_1RB_Right	21.44	/	/	19.02	/	/	<=30	Pass
		Outer_Full	21.47	/	/	19.05	/	/	<=30	Pass
		Inner_Full	21.59	/	/	19.17	/	/	<=30	Pass
		Inner_1RB_Left	21.46	/	/	19.04	/	/	<=30	Pass
		Inner_1RB_Right	21.37	/	/	18.95	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -2.42dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30_S_30M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 30MHz 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	3715.02	Edge_1RB_Left	23.77	/	/	21.35	/	/	<=30	Pass
		Edge_1RB_Right	24.26	/	/	21.84	/	/	<=30	Pass

		Outer_Full	26.91	/	/	24.49	/	/	<=30	Pass
		Inner_Full	27.31	/	/	24.89	/	/	<=30	Pass
		Inner_1RB_Left	27.28	/	/	24.86	/	/	<=30	Pass
		Inner_1RB_Right	27.85	/	/	25.43	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.87	/	/	21.45	/	/	<=30	Pass
		Edge_1RB_Right	23.57	/	/	21.15	/	/	<=30	Pass
		Outer_Full	26.83	/	/	24.41	/	/	<=30	Pass
		Inner_Full	27.32	/	/	24.90	/	/	<=30	Pass
		Inner_1RB_Left	27.38	/	/	24.96	/	/	<=30	Pass
		Inner_1RB_Right	27.13	/	/	24.71	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	24.58	/	/	22.16	/	/	<=30	Pass
		Edge_1RB_Right	24.27	/	/	21.85	/	/	<=30	Pass
		Outer_Full	27.45	/	/	25.03	/	/	<=30	Pass
		Inner_Full	27.88	/	/	25.46	/	/	<=30	Pass
		Inner_1RB_Left	28.09	/	/	25.67	/	/	<=30	Pass
		Inner_1RB_Right	27.79	/	/	25.37	/	/	<=30	Pass
DFT-s-OFDM QPSK	3715.02	Edge_1RB_Left	23.71	/	/	21.29	/	/	<=30	Pass
		Edge_1RB_Right	24.30	/	/	21.88	/	/	<=30	Pass
		Outer_Full	26.42	/	/	24.00	/	/	<=30	Pass
		Inner_Full	27.32	/	/	24.90	/	/	<=30	Pass
		Inner_1RB_Left	27.27	/	/	24.85	/	/	<=30	Pass
		Inner_1RB_Right	27.84	/	/	25.42	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.83	/	/	21.41	/	/	<=30	Pass
		Edge_1RB_Right	23.59	/	/	21.17	/	/	<=30	Pass
		Outer_Full	26.29	/	/	23.87	/	/	<=30	Pass
		Inner_Full	27.32	/	/	24.90	/	/	<=30	Pass
		Inner_1RB_Left	27.37	/	/	24.95	/	/	<=30	Pass
		Inner_1RB_Right	27.14	/	/	24.72	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	24.57	/	/	22.15	/	/	<=30	Pass
		Edge_1RB_Right	24.23	/	/	21.81	/	/	<=30	Pass
		Outer_Full	26.90	/	/	24.48	/	/	<=30	Pass
		Inner_Full	27.83	/	/	25.41	/	/	<=30	Pass
		Inner_1RB_Left	28.13	/	/	25.71	/	/	<=30	Pass
		Inner_1RB_Right	27.73	/	/	25.31	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.02	Edge_1RB_Left	23.67	/	/	21.25	/	/	<=30	Pass
		Edge_1RB_Right	24.20	/	/	21.78	/	/	<=30	Pass
		Outer_Full	25.46	/	/	23.04	/	/	<=30	Pass
		Inner_Full	26.35	/	/	23.93	/	/	<=30	Pass
		Inner_1RB_Left	26.21	/	/	23.79	/	/	<=30	Pass
		Inner_1RB_Right	26.75	/	/	24.33	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.76	/	/	21.34	/	/	<=30	Pass
		Edge_1RB_Right	23.47	/	/	21.05	/	/	<=30	Pass
		Outer_Full	25.27	/	/	22.85	/	/	<=30	Pass
		Inner_Full	26.21	/	/	23.79	/	/	<=30	Pass
		Inner_1RB_Left	26.30	/	/	23.88	/	/	<=30	Pass
		Inner_1RB_Right	25.92	/	/	23.50	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	24.57	/	/	22.15	/	/	<=30	Pass
		Edge_1RB_Right	24.21	/	/	21.79	/	/	<=30	Pass
		Outer_Full	25.91	/	/	23.49	/	/	<=30	Pass
		Inner_Full	26.81	/	/	24.39	/	/	<=30	Pass
		Inner_1RB_Left	27.01	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Right	26.68	/	/	24.26	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3715.02	Edge_1RB_Left	23.79	/	/	21.37	/	/	<=30	Pass
		Edge_1RB_Right	24.35	/	/	21.93	/	/	<=30	Pass
		Outer_Full	24.92	/	/	22.50	/	/	<=30	Pass
		Inner_Full	24.84	/	/	22.42	/	/	<=30	Pass
		Inner_1RB_Left	24.77	/	/	22.35	/	/	<=30	Pass
		Inner_1RB_Right	25.36	/	/	22.94	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.83	/	/	21.41	/	/	<=30	Pass

		Edge_1RB_Right	23.64	/	/	21.22	/	/	<=30	Pass
		Outer_Full	24.75	/	/	22.33	/	/	<=30	Pass
		Inner_Full	24.88	/	/	22.46	/	/	<=30	Pass
		Inner_1RB_Left	24.85	/	/	22.43	/	/	<=30	Pass
		Inner_1RB_Right	24.55	/	/	22.13	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	24.64	/	/	22.22	/	/	<=30	Pass
		Edge_1RB_Right	24.28	/	/	21.86	/	/	<=30	Pass
		Outer_Full	25.42	/	/	23.00	/	/	<=30	Pass
		Inner_Full	25.35	/	/	22.93	/	/	<=30	Pass
		Inner_1RB_Left	25.74	/	/	23.32	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3715.02	Inner_1RB_Right	25.37	/	/	22.95	/	/	<=30	Pass
		Edge_1RB_Left	22.83	/	/	20.41	/	/	<=30	Pass
		Edge_1RB_Right	23.27	/	/	20.85	/	/	<=30	Pass
		Outer_Full	22.86	/	/	20.44	/	/	<=30	Pass
		Inner_Full	22.75	/	/	20.33	/	/	<=30	Pass
		Inner_1RB_Left	22.74	/	/	20.32	/	/	<=30	Pass
	3840	Inner_1RB_Right	23.26	/	/	20.84	/	/	<=30	Pass
		Edge_1RB_Left	22.86	/	/	20.44	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	20.13	/	/	<=30	Pass
		Outer_Full	22.77	/	/	20.35	/	/	<=30	Pass
		Inner_Full	22.67	/	/	20.25	/	/	<=30	Pass
		Inner_1RB_Left	22.89	/	/	20.47	/	/	<=30	Pass
	3964.98	Inner_1RB_Right	22.61	/	/	20.19	/	/	<=30	Pass
		Edge_1RB_Left	23.61	/	/	21.19	/	/	<=30	Pass
		Edge_1RB_Right	23.21	/	/	20.79	/	/	<=30	Pass
		Outer_Full	23.44	/	/	21.02	/	/	<=30	Pass
		Inner_Full	23.26	/	/	20.84	/	/	<=30	Pass
		Inner_1RB_Left	23.65	/	/	21.23	/	/	<=30	Pass
CP-OFDM QPSK	3715.02	Inner_1RB_Right	23.29	/	/	20.87	/	/	<=30	Pass
		Edge_1RB_Left	23.86	/	/	21.44	/	/	<=30	Pass
		Edge_1RB_Right	24.40	/	/	21.98	/	/	<=30	Pass
		Outer_Full	24.41	/	/	21.99	/	/	<=30	Pass
		Inner_Full	25.88	/	/	23.46	/	/	<=30	Pass
		Inner_1RB_Left	25.94	/	/	23.52	/	/	<=30	Pass
	3840	Inner_1RB_Right	26.40	/	/	23.98	/	/	<=30	Pass
		Edge_1RB_Left	24.06	/	/	21.64	/	/	<=30	Pass
		Edge_1RB_Right	23.61	/	/	21.19	/	/	<=30	Pass
		Outer_Full	24.29	/	/	21.87	/	/	<=30	Pass
		Inner_Full	25.82	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Left	25.99	/	/	23.57	/	/	<=30	Pass
	3964.98	Inner_1RB_Right	25.56	/	/	23.14	/	/	<=30	Pass
		Edge_1RB_Left	24.66	/	/	22.24	/	/	<=30	Pass
		Edge_1RB_Right	24.35	/	/	21.93	/	/	<=30	Pass
		Outer_Full	24.99	/	/	22.57	/	/	<=30	Pass
		Inner_Full	26.31	/	/	23.89	/	/	<=30	Pass
		Inner_1RB_Left	26.74	/	/	24.32	/	/	<=30	Pass
CP-OFDM 16 QAM	3715.02	Inner_1RB_Right	26.52	/	/	24.10	/	/	<=30	Pass
		Edge_1RB_Left	23.69	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	24.31	/	/	21.89	/	/	<=30	Pass
		Outer_Full	24.38	/	/	21.96	/	/	<=30	Pass
		Inner_Full	25.39	/	/	22.97	/	/	<=30	Pass
		Inner_1RB_Left	25.30	/	/	22.88	/	/	<=30	Pass
	3840	Inner_1RB_Right	25.61	/	/	23.19	/	/	<=30	Pass
		Edge_1RB_Left	23.77	/	/	21.35	/	/	<=30	Pass
		Edge_1RB_Right	23.45	/	/	21.03	/	/	<=30	Pass
		Outer_Full	24.25	/	/	21.83	/	/	<=30	Pass
		Inner_Full	25.25	/	/	22.83	/	/	<=30	Pass
		Inner_1RB_Left	25.30	/	/	22.88	/	/	<=30	Pass
		Inner_1RB_Right	24.96	/	/	22.54	/	/	<=30	Pass

	3964.98	Edge_1RB_Left	24.57	/	/	22.15	/	/	<=30	Pass
		Edge_1RB_Right	24.22	/	/	21.80	/	/	<=30	Pass
		Outer_Full	24.89	/	/	22.47	/	/	<=30	Pass
		Inner_Full	25.85	/	/	23.43	/	/	<=30	Pass
		Inner_1RB_Left	26.12	/	/	23.70	/	/	<=30	Pass
		Inner_1RB_Right	25.65	/	/	23.23	/	/	<=30	Pass
CP-OFDM 64 QAM	3715.02	Edge_1RB_Left	23.83	/	/	21.41	/	/	<=30	Pass
		Edge_1RB_Right	24.30	/	/	21.88	/	/	<=30	Pass
		Outer_Full	23.89	/	/	21.47	/	/	<=30	Pass
		Inner_Full	23.81	/	/	21.39	/	/	<=30	Pass
		Inner_1RB_Left	23.86	/	/	21.44	/	/	<=30	Pass
		Inner_1RB_Right	24.35	/	/	21.93	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.86	/	/	21.44	/	/	<=30	Pass
		Edge_1RB_Right	23.61	/	/	21.19	/	/	<=30	Pass
		Outer_Full	23.74	/	/	21.32	/	/	<=30	Pass
		Inner_Full	23.73	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Left	23.85	/	/	21.43	/	/	<=30	Pass
		Inner_1RB_Right	23.57	/	/	21.15	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	24.60	/	/	22.18	/	/	<=30	Pass
		Edge_1RB_Right	24.29	/	/	21.87	/	/	<=30	Pass
		Outer_Full	24.41	/	/	21.99	/	/	<=30	Pass
		Inner_Full	24.32	/	/	21.90	/	/	<=30	Pass
		Inner_1RB_Left	24.62	/	/	22.20	/	/	<=30	Pass
		Inner_1RB_Right	24.25	/	/	21.83	/	/	<=30	Pass
CP-OFDM 256 QAM	3715.02	Edge_1RB_Left	20.83	/	/	18.41	/	/	<=30	Pass
		Edge_1RB_Right	21.30	/	/	18.88	/	/	<=30	Pass
		Outer_Full	20.83	/	/	18.41	/	/	<=30	Pass
		Inner_Full	20.80	/	/	18.38	/	/	<=30	Pass
		Inner_1RB_Left	20.82	/	/	18.40	/	/	<=30	Pass
		Inner_1RB_Right	21.21	/	/	18.79	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.86	/	/	18.44	/	/	<=30	Pass
		Edge_1RB_Right	20.59	/	/	18.17	/	/	<=30	Pass
		Outer_Full	20.75	/	/	18.33	/	/	<=30	Pass
		Inner_Full	20.70	/	/	18.28	/	/	<=30	Pass
		Inner_1RB_Left	20.89	/	/	18.47	/	/	<=30	Pass
		Inner_1RB_Right	20.67	/	/	18.25	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	21.59	/	/	19.17	/	/	<=30	Pass
		Edge_1RB_Right	21.38	/	/	18.96	/	/	<=30	Pass
		Outer_Full	21.31	/	/	18.89	/	/	<=30	Pass
		Inner_Full	21.26	/	/	18.84	/	/	<=30	Pass
		Inner_1RB_Left	21.65	/	/	19.23	/	/	<=30	Pass
		Inner_1RB_Right	21.26	/	/	18.84	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -2.42dBi; 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	23.99	/	/	21.57	/	/	<=30	Pass
		Edge_1RB_Right	24.30	/	/	21.88	/	/	<=30	Pass
		Outer_Full	27.13	/	/	24.71	/	/	<=30	Pass
		Inner_Full	27.52	/	/	25.10	/	/	<=30	Pass
		Inner_1RB_Left	27.52	/	/	25.10	/	/	<=30	Pass
		Inner_1RB_Right	27.87	/	/	25.45	/	/	<=30	Pass
	3840	Edge_1RB_Left	24.14	/	/	21.72	/	/	<=30	Pass
		Edge_1RB_Right	23.68	/	/	21.26	/	/	<=30	Pass

		Outer_Full	26.88	/	/	24.46	/	/	<=30	Pass
		Inner_Full	27.33	/	/	24.91	/	/	<=30	Pass
		Inner_1RB_Left	27.60	/	/	25.18	/	/	<=30	Pass
		Inner_1RB_Right	27.23	/	/	24.81	/	/	<=30	Pass
	3960	Edge_1RB_Left	24.67	/	/	22.25	/	/	<=30	Pass
		Edge_1RB_Right	24.48	/	/	22.06	/	/	<=30	Pass
		Outer_Full	27.53	/	/	25.11	/	/	<=30	Pass
		Inner_Full	27.91	/	/	25.49	/	/	<=30	Pass
		Inner_1RB_Left	28.14	/	/	25.72	/	/	<=30	Pass
		Inner_1RB_Right	27.95	/	/	25.53	/	/	<=30	Pass
DFT-s-OFDM QPSK	3720	Edge_1RB_Left	23.99	/	/	21.57	/	/	<=30	Pass
		Edge_1RB_Right	24.32	/	/	21.90	/	/	<=30	Pass
		Outer_Full	26.60	/	/	24.18	/	/	<=30	Pass
		Inner_Full	27.57	/	/	25.15	/	/	<=30	Pass
		Inner_1RB_Left	27.48	/	/	25.06	/	/	<=30	Pass
		Inner_1RB_Right	27.83	/	/	25.41	/	/	<=30	Pass
	3840	Edge_1RB_Left	24.04	/	/	21.62	/	/	<=30	Pass
		Edge_1RB_Right	23.62	/	/	21.20	/	/	<=30	Pass
		Outer_Full	26.32	/	/	23.90	/	/	<=30	Pass
		Inner_Full	27.35	/	/	24.93	/	/	<=30	Pass
		Inner_1RB_Left	27.55	/	/	25.13	/	/	<=30	Pass
		Inner_1RB_Right	27.15	/	/	24.73	/	/	<=30	Pass
	3960	Edge_1RB_Left	24.61	/	/	22.19	/	/	<=30	Pass
		Edge_1RB_Right	24.40	/	/	21.98	/	/	<=30	Pass
		Outer_Full	26.98	/	/	24.56	/	/	<=30	Pass
		Inner_Full	27.89	/	/	25.47	/	/	<=30	Pass
		Inner_1RB_Left	28.13	/	/	25.71	/	/	<=30	Pass
		Inner_1RB_Right	27.90	/	/	25.48	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Edge_1RB_Left	23.90	/	/	21.48	/	/	<=30	Pass
		Edge_1RB_Right	24.14	/	/	21.72	/	/	<=30	Pass
		Outer_Full	25.58	/	/	23.16	/	/	<=30	Pass
		Inner_Full	26.55	/	/	24.13	/	/	<=30	Pass
		Inner_1RB_Left	26.35	/	/	23.93	/	/	<=30	Pass
		Inner_1RB_Right	26.68	/	/	24.26	/	/	<=30	Pass
	3840	Edge_1RB_Left	24.00	/	/	21.58	/	/	<=30	Pass
		Edge_1RB_Right	23.52	/	/	21.10	/	/	<=30	Pass
		Outer_Full	25.29	/	/	22.87	/	/	<=30	Pass
		Inner_Full	26.28	/	/	23.86	/	/	<=30	Pass
		Inner_1RB_Left	26.40	/	/	23.98	/	/	<=30	Pass
		Inner_1RB_Right	25.98	/	/	23.56	/	/	<=30	Pass
	3960	Edge_1RB_Left	24.54	/	/	22.12	/	/	<=30	Pass
		Edge_1RB_Right	24.36	/	/	21.94	/	/	<=30	Pass
		Outer_Full	25.95	/	/	23.53	/	/	<=30	Pass
		Inner_Full	26.87	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Left	26.89	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Right	26.75	/	/	24.33	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Edge_1RB_Left	24.03	/	/	21.61	/	/	<=30	Pass
		Edge_1RB_Right	24.33	/	/	21.91	/	/	<=30	Pass
		Outer_Full	25.12	/	/	22.70	/	/	<=30	Pass
		Inner_Full	25.00	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Left	24.96	/	/	22.54	/	/	<=30	Pass
		Inner_1RB_Right	25.36	/	/	22.94	/	/	<=30	Pass
	3840	Edge_1RB_Left	24.09	/	/	21.67	/	/	<=30	Pass
		Edge_1RB_Right	23.72	/	/	21.30	/	/	<=30	Pass
		Outer_Full	24.82	/	/	22.40	/	/	<=30	Pass
		Inner_Full	24.73	/	/	22.31	/	/	<=30	Pass
		Inner_1RB_Left	25.05	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Right	24.70	/	/	22.28	/	/	<=30	Pass
	3960	Edge_1RB_Left	24.64	/	/	22.22	/	/	<=30	Pass

		Edge 1RB Right	24.48	/	/	22.06	/	/	<=30	Pass
		Outer Full	25.44	/	/	23.02	/	/	<=30	Pass
		Inner Full	25.39	/	/	22.97	/	/	<=30	Pass
		Inner 1RB Left	25.53	/	/	23.11	/	/	<=30	Pass
		Inner 1RB Right	25.46	/	/	23.04	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3720	Edge 1RB Left	22.93	/	/	20.51	/	/	<=30	Pass
		Edge 1RB Right	23.30	/	/	20.88	/	/	<=30	Pass
		Outer Full	23.06	/	/	20.64	/	/	<=30	Pass
		Inner Full	23.02	/	/	20.60	/	/	<=30	Pass
		Inner 1RB Left	22.94	/	/	20.52	/	/	<=30	Pass
		Inner 1RB Right	23.30	/	/	20.88	/	/	<=30	Pass
	3840	Edge 1RB Left	23.09	/	/	20.67	/	/	<=30	Pass
		Edge 1RB Right	22.68	/	/	20.26	/	/	<=30	Pass
		Outer Full	22.76	/	/	20.34	/	/	<=30	Pass
		Inner Full	22.75	/	/	20.33	/	/	<=30	Pass
		Inner 1RB Left	23.05	/	/	20.63	/	/	<=30	Pass
		Inner 1RB Right	22.67	/	/	20.25	/	/	<=30	Pass
	3960	Edge 1RB Left	23.62	/	/	21.20	/	/	<=30	Pass
		Edge 1RB Right	23.56	/	/	21.14	/	/	<=30	Pass
		Outer Full	23.47	/	/	21.05	/	/	<=30	Pass
		Inner Full	23.45	/	/	21.03	/	/	<=30	Pass
		Inner 1RB Left	23.58	/	/	21.16	/	/	<=30	Pass
		Inner 1RB Right	23.48	/	/	21.06	/	/	<=30	Pass
CP-OFDM QPSK	3720	Edge 1RB Left	24.12	/	/	21.70	/	/	<=30	Pass
		Edge 1RB Right	24.37	/	/	21.95	/	/	<=30	Pass
		Outer Full	24.59	/	/	22.17	/	/	<=30	Pass
		Inner Full	26.10	/	/	23.68	/	/	<=30	Pass
		Inner 1RB Left	26.10	/	/	23.68	/	/	<=30	Pass
		Inner 1RB Right	26.38	/	/	23.96	/	/	<=30	Pass
	3840	Edge 1RB Left	24.09	/	/	21.67	/	/	<=30	Pass
		Edge 1RB Right	23.63	/	/	21.21	/	/	<=30	Pass
		Outer Full	24.27	/	/	21.85	/	/	<=30	Pass
		Inner Full	25.80	/	/	23.38	/	/	<=30	Pass
		Inner 1RB Left	26.08	/	/	23.66	/	/	<=30	Pass
		Inner 1RB Right	25.67	/	/	23.25	/	/	<=30	Pass
	3960	Edge 1RB Left	24.77	/	/	22.35	/	/	<=30	Pass
		Edge 1RB Right	24.61	/	/	22.19	/	/	<=30	Pass
		Outer Full	24.96	/	/	22.54	/	/	<=30	Pass
		Inner Full	26.41	/	/	23.99	/	/	<=30	Pass
		Inner 1RB Left	26.76	/	/	24.34	/	/	<=30	Pass
		Inner 1RB Right	26.50	/	/	24.08	/	/	<=30	Pass
CP-OFDM 16 QAM	3720	Edge 1RB Left	23.90	/	/	21.48	/	/	<=30	Pass
		Edge 1RB Right	24.25	/	/	21.83	/	/	<=30	Pass
		Outer Full	24.56	/	/	22.14	/	/	<=30	Pass
		Inner Full	25.60	/	/	23.18	/	/	<=30	Pass
		Inner 1RB Left	25.52	/	/	23.10	/	/	<=30	Pass
		Inner 1RB Right	25.69	/	/	23.27	/	/	<=30	Pass
	3840	Edge 1RB Left	23.94	/	/	21.52	/	/	<=30	Pass
		Edge 1RB Right	23.49	/	/	21.07	/	/	<=30	Pass
		Outer Full	24.25	/	/	21.83	/	/	<=30	Pass
		Inner Full	25.29	/	/	22.87	/	/	<=30	Pass
		Inner 1RB Left	25.39	/	/	22.97	/	/	<=30	Pass
		Inner 1RB Right	24.98	/	/	22.56	/	/	<=30	Pass
	3960	Edge 1RB Left	24.44	/	/	22.02	/	/	<=30	Pass
		Edge 1RB Right	24.34	/	/	21.92	/	/	<=30	Pass
		Outer Full	24.89	/	/	22.47	/	/	<=30	Pass
		Inner Full	25.92	/	/	23.50	/	/	<=30	Pass
		Inner 1RB Left	25.86	/	/	23.44	/	/	<=30	Pass
		Inner 1RB Right	25.83	/	/	23.41	/	/	<=30	Pass

CP-OFDM 64 QAM	3720	Edge_1RB_Left	24.05	/	/	21.63	/	/	<=30	Pass
		Edge_1RB_Right	24.30	/	/	21.88	/	/	<=30	Pass
		Outer_Full	24.11	/	/	21.69	/	/	<=30	Pass
		Inner_Full	24.04	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Left	24.06	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Right	24.39	/	/	21.97	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.99	/	/	21.57	/	/	<=30	Pass
		Edge_1RB_Right	23.61	/	/	21.19	/	/	<=30	Pass
		Outer_Full	23.73	/	/	21.31	/	/	<=30	Pass
		Inner_Full	23.73	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Left	24.01	/	/	21.59	/	/	<=30	Pass
		Inner_1RB_Right	23.59	/	/	21.17	/	/	<=30	Pass
	3960	Edge_1RB_Left	24.55	/	/	22.13	/	/	<=30	Pass
		Edge_1RB_Right	24.49	/	/	22.07	/	/	<=30	Pass
		Outer_Full	24.46	/	/	22.04	/	/	<=30	Pass
		Inner_Full	24.42	/	/	22.00	/	/	<=30	Pass
		Inner_1RB_Left	24.64	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Right	24.56	/	/	22.14	/	/	<=30	Pass
CP-OFDM 256 QAM	3720	Edge_1RB_Left	21.00	/	/	18.58	/	/	<=30	Pass
		Edge_1RB_Right	21.39	/	/	18.97	/	/	<=30	Pass
		Outer_Full	21.06	/	/	18.64	/	/	<=30	Pass
		Inner_Full	21.05	/	/	18.63	/	/	<=30	Pass
		Inner_1RB_Left	21.04	/	/	18.62	/	/	<=30	Pass
		Inner_1RB_Right	21.38	/	/	18.96	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.03	/	/	18.61	/	/	<=30	Pass
		Edge_1RB_Right	20.62	/	/	18.20	/	/	<=30	Pass
		Outer_Full	20.70	/	/	18.28	/	/	<=30	Pass
		Inner_Full	20.77	/	/	18.35	/	/	<=30	Pass
		Inner_1RB_Left	21.02	/	/	18.60	/	/	<=30	Pass
		Inner_1RB_Right	20.66	/	/	18.24	/	/	<=30	Pass
	3960	Edge_1RB_Left	21.68	/	/	19.26	/	/	<=30	Pass
		Edge_1RB_Right	21.43	/	/	19.01	/	/	<=30	Pass
		Outer_Full	21.42	/	/	19.00	/	/	<=30	Pass
		Inner_Full	21.33	/	/	18.91	/	/	<=30	Pass
		Inner_1RB_Left	21.58	/	/	19.16	/	/	<=30	Pass
		Inner_1RB_Right	21.45	/	/	19.03	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -2.42dBi;										
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	23.73	/	/	21.31	/	/	<=30	Pass
		Edge_1RB_Right	24.08	/	/	21.66	/	/	<=30	Pass
		Outer_Full	26.92	/	/	24.50	/	/	<=30	Pass
		Inner_Full	27.50	/	/	25.08	/	/	<=30	Pass
		Inner_1RB_Left	27.20	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Right	27.64	/	/	25.22	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.82	/	/	21.40	/	/	<=30	Pass
		Edge_1RB_Right	23.42	/	/	21.00	/	/	<=30	Pass
		Outer_Full	26.63	/	/	24.21	/	/	<=30	Pass
		Inner_Full	27.05	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Left	27.28	/	/	24.86	/	/	<=30	Pass
		Inner_1RB_Right	27.01	/	/	24.59	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	24.60	/	/	22.18	/	/	<=30	Pass
		Edge_1RB_Right	24.07	/	/	21.65	/	/	<=30	Pass

		Outer_Full	27.33	/	/	24.91	/	/	<=30	Pass
		Inner_Full	27.87	/	/	25.45	/	/	<=30	Pass
		Inner_1RB_Left	28.05	/	/	25.63	/	/	<=30	Pass
		Inner_1RB_Right	27.61	/	/	25.19	/	/	<=30	Pass
DFT-s-OFDM QPSK	3725.01	Edge_1RB_Left	23.58	/	/	21.16	/	/	<=30	Pass
		Edge_1RB_Right	24.08	/	/	21.66	/	/	<=30	Pass
		Outer_Full	26.43	/	/	24.01	/	/	<=30	Pass
		Inner_Full	27.46	/	/	25.04	/	/	<=30	Pass
		Inner_1RB_Left	27.26	/	/	24.84	/	/	<=30	Pass
		Inner_1RB_Right	27.59	/	/	25.17	/	/	<=30	Pass
		Edge_1RB_Left	23.76	/	/	21.34	/	/	<=30	Pass
		Edge_1RB_Right	23.43	/	/	21.01	/	/	<=30	Pass
	3840	Outer_Full	26.12	/	/	23.70	/	/	<=30	Pass
		Inner_Full	27.18	/	/	24.76	/	/	<=30	Pass
		Inner_1RB_Left	27.31	/	/	24.89	/	/	<=30	Pass
		Inner_1RB_Right	27.02	/	/	24.60	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	24.55	/	/	22.13	/	/	<=30	Pass
		Edge_1RB_Right	24.01	/	/	21.59	/	/	<=30	Pass
		Outer_Full	26.74	/	/	24.32	/	/	<=30	Pass
		Inner_Full	27.79	/	/	25.37	/	/	<=30	Pass
		Inner_1RB_Left	28.05	/	/	25.63	/	/	<=30	Pass
		Inner_1RB_Right	27.54	/	/	25.12	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3725.01	Edge_1RB_Left	23.64	/	/	21.22	/	/	<=30	Pass
		Edge_1RB_Right	24.08	/	/	21.66	/	/	<=30	Pass
		Outer_Full	25.41	/	/	22.99	/	/	<=30	Pass
		Inner_Full	26.46	/	/	24.04	/	/	<=30	Pass
		Inner_1RB_Left	26.02	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Right	26.49	/	/	24.07	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.72	/	/	21.30	/	/	<=30	Pass
		Edge_1RB_Right	23.45	/	/	21.03	/	/	<=30	Pass
		Outer_Full	25.15	/	/	22.73	/	/	<=30	Pass
		Inner_Full	26.07	/	/	23.65	/	/	<=30	Pass
	3954.99	Inner_1RB_Left	26.19	/	/	23.77	/	/	<=30	Pass
		Inner_1RB_Right	25.94	/	/	23.52	/	/	<=30	Pass
		Edge_1RB_Left	24.36	/	/	21.94	/	/	<=30	Pass
		Edge_1RB_Right	23.92	/	/	21.50	/	/	<=30	Pass
		Outer_Full	25.77	/	/	23.35	/	/	<=30	Pass
		Inner_Full	26.76	/	/	24.34	/	/	<=30	Pass
		Inner_1RB_Left	26.86	/	/	24.44	/	/	<=30	Pass
		Inner_1RB_Right	26.43	/	/	24.01	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3725.01	Edge_1RB_Left	23.63	/	/	21.21	/	/	<=30	Pass
		Edge_1RB_Right	24.11	/	/	21.69	/	/	<=30	Pass
		Outer_Full	24.88	/	/	22.46	/	/	<=30	Pass
		Inner_Full	24.94	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Left	24.63	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Right	25.17	/	/	22.75	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.88	/	/	21.46	/	/	<=30	Pass
		Edge_1RB_Right	23.50	/	/	21.08	/	/	<=30	Pass
		Outer_Full	24.60	/	/	22.18	/	/	<=30	Pass
		Inner_Full	24.56	/	/	22.14	/	/	<=30	Pass
		Inner_1RB_Left	24.82	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Right	24.53	/	/	22.11	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	24.58	/	/	22.16	/	/	<=30	Pass
		Edge_1RB_Right	24.09	/	/	21.67	/	/	<=30	Pass
		Outer_Full	25.25	/	/	22.83	/	/	<=30	Pass
		Inner_Full	25.31	/	/	22.89	/	/	<=30	Pass
		Inner_1RB_Left	25.49	/	/	23.07	/	/	<=30	Pass
		Inner_1RB_Right	25.09	/	/	22.67	/	/	<=30	Pass
DFT-s-OFDM 256	3725.01	Edge_1RB_Left	22.72	/	/	20.30	/	/	<=30	Pass

QAM		Edge 1RB Right	23.11	/	/	20.69	/	/	<=30	Pass
		Outer Full	22.91	/	/	20.49	/	/	<=30	Pass
		Inner Full	22.92	/	/	20.50	/	/	<=30	Pass
		Inner 1RB Left	22.61	/	/	20.19	/	/	<=30	Pass
		Inner 1RB Right	23.18	/	/	20.76	/	/	<=30	Pass
	3840	Edge 1RB Left	22.80	/	/	20.38	/	/	<=30	Pass
		Edge 1RB Right	22.51	/	/	20.09	/	/	<=30	Pass
		Outer Full	22.61	/	/	20.19	/	/	<=30	Pass
		Inner Full	22.51	/	/	20.09	/	/	<=30	Pass
		Inner 1RB Left	22.80	/	/	20.38	/	/	<=30	Pass
	3954.99	Inner 1RB Right	22.52	/	/	20.10	/	/	<=30	Pass
		Edge 1RB Left	23.51	/	/	21.09	/	/	<=30	Pass
		Edge 1RB Right	23.07	/	/	20.65	/	/	<=30	Pass
		Outer Full	23.24	/	/	20.82	/	/	<=30	Pass
		Inner Full	23.34	/	/	20.92	/	/	<=30	Pass
	CP-OFDM QPSK	3725.01	Inner 1RB Left	23.50	/	/	21.08	/	/	<=30
Inner 1RB Right			23.02	/	/	20.60	/	/	<=30	Pass
Edge 1RB Left			23.68	/	/	21.26	/	/	<=30	Pass
Edge 1RB Right			24.12	/	/	21.70	/	/	<=30	Pass
Outer Full			24.57	/	/	22.15	/	/	<=30	Pass
Inner Full			26.00	/	/	23.58	/	/	<=30	Pass
3840		Inner 1RB Left	25.65	/	/	23.23	/	/	<=30	Pass
		Inner 1RB Right	26.23	/	/	23.81	/	/	<=30	Pass
		Edge 1RB Left	23.83	/	/	21.41	/	/	<=30	Pass
		Edge 1RB Right	23.58	/	/	21.16	/	/	<=30	Pass
		Outer Full	24.11	/	/	21.69	/	/	<=30	Pass
		Inner Full	25.58	/	/	23.16	/	/	<=30	Pass
3954.99		Inner 1RB Left	26.06	/	/	23.64	/	/	<=30	Pass
		Inner 1RB Right	25.71	/	/	23.29	/	/	<=30	Pass
		Edge 1RB Left	24.63	/	/	22.21	/	/	<=30	Pass
		Edge 1RB Right	24.25	/	/	21.83	/	/	<=30	Pass
	Outer Full	24.87	/	/	22.45	/	/	<=30	Pass	
	Inner Full	26.22	/	/	23.80	/	/	<=30	Pass	
CP-OFDM 16 QAM	3725.01	Inner 1RB Left	26.60	/	/	24.18	/	/	<=30	Pass
		Inner 1RB Right	26.18	/	/	23.76	/	/	<=30	Pass
		Edge 1RB Left	23.62	/	/	21.20	/	/	<=30	Pass
		Edge 1RB Right	24.00	/	/	21.58	/	/	<=30	Pass
		Outer Full	24.42	/	/	22.00	/	/	<=30	Pass
	3840	Inner Full	25.42	/	/	23.00	/	/	<=30	Pass
		Inner 1RB Left	25.12	/	/	22.70	/	/	<=30	Pass
		Inner 1RB Right	25.51	/	/	23.09	/	/	<=30	Pass
		Edge 1RB Left	23.74	/	/	21.32	/	/	<=30	Pass
		Edge 1RB Right	23.42	/	/	21.00	/	/	<=30	Pass
		Outer Full	24.12	/	/	21.70	/	/	<=30	Pass
	3954.99	Inner Full	25.08	/	/	22.66	/	/	<=30	Pass
		Inner 1RB Left	25.26	/	/	22.84	/	/	<=30	Pass
		Inner 1RB Right	24.94	/	/	22.52	/	/	<=30	Pass
		Edge 1RB Left	24.50	/	/	22.08	/	/	<=30	Pass
		Edge 1RB Right	23.95	/	/	21.53	/	/	<=30	Pass
Outer Full		24.75	/	/	22.33	/	/	<=30	Pass	
CP-OFDM 64 QAM	3725.01	Inner Full	25.71	/	/	23.29	/	/	<=30	Pass
		Inner 1RB Left	25.89	/	/	23.47	/	/	<=30	Pass
		Inner 1RB Right	25.43	/	/	23.01	/	/	<=30	Pass
		Edge 1RB Left	23.62	/	/	21.20	/	/	<=30	Pass
		Edge 1RB Right	24.20	/	/	21.78	/	/	<=30	Pass
		Outer Full	24.04	/	/	21.62	/	/	<=30	Pass
		Inner Full	23.97	/	/	21.55	/	/	<=30	Pass
		Inner 1RB Left	23.67	/	/	21.25	/	/	<=30	Pass
		Inner 1RB Right	24.04	/	/	21.62	/	/	<=30	Pass

	3840	Edge_1RB_Left	23.80	/	/	21.38	/	/	<=30	Pass
		Edge_1RB_Right	23.56	/	/	21.14	/	/	<=30	Pass
		Outer_Full	23.67	/	/	21.25	/	/	<=30	Pass
		Inner_Full	23.58	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Left	23.75	/	/	21.33	/	/	<=30	Pass
		Inner_1RB_Right	23.47	/	/	21.05	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	24.58	/	/	22.16	/	/	<=30	Pass
		Edge_1RB_Right	24.10	/	/	21.68	/	/	<=30	Pass
		Outer_Full	24.32	/	/	21.90	/	/	<=30	Pass
		Inner_Full	24.28	/	/	21.86	/	/	<=30	Pass
		Inner_1RB_Left	24.59	/	/	22.17	/	/	<=30	Pass
		Inner_1RB_Right	24.07	/	/	21.65	/	/	<=30	Pass
CP-OFDM 256 QAM	3725.01	Edge_1RB_Left	20.61	/	/	18.19	/	/	<=30	Pass
		Edge_1RB_Right	21.10	/	/	18.68	/	/	<=30	Pass
		Outer_Full	20.96	/	/	18.54	/	/	<=30	Pass
		Inner_Full	20.95	/	/	18.53	/	/	<=30	Pass
		Inner_1RB_Left	20.57	/	/	18.15	/	/	<=30	Pass
		Inner_1RB_Right	21.12	/	/	18.70	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.84	/	/	18.42	/	/	<=30	Pass
		Edge_1RB_Right	20.53	/	/	18.11	/	/	<=30	Pass
		Outer_Full	20.63	/	/	18.21	/	/	<=30	Pass
		Inner_Full	20.52	/	/	18.10	/	/	<=30	Pass
		Inner_1RB_Left	20.83	/	/	18.41	/	/	<=30	Pass
		Inner_1RB_Right	20.53	/	/	18.11	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	21.54	/	/	19.12	/	/	<=30	Pass
		Edge_1RB_Right	21.23	/	/	18.81	/	/	<=30	Pass
		Outer_Full	21.32	/	/	18.90	/	/	<=30	Pass
		Inner_Full	21.18	/	/	18.76	/	/	<=30	Pass
		Inner_1RB_Left	21.59	/	/	19.17	/	/	<=30	Pass
		Inner_1RB_Right	21.10	/	/	18.68	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -2.42dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30_S_60M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 60MHz 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	3730.02	Edge_1RB_Left	23.66	/	/	21.24	/	/	<=30	Pass
		Edge_1RB_Right	24.03	/	/	21.61	/	/	<=30	Pass
		Outer_Full	27.06	/	/	24.64	/	/	<=30	Pass
		Inner_Full	27.55	/	/	25.13	/	/	<=30	Pass
		Inner_1RB_Left	27.22	/	/	24.80	/	/	<=30	Pass
		Inner_1RB_Right	27.52	/	/	25.10	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.76	/	/	21.34	/	/	<=30	Pass
		Edge_1RB_Right	23.49	/	/	21.07	/	/	<=30	Pass
		Outer_Full	26.65	/	/	24.23	/	/	<=30	Pass
		Inner_Full	27.07	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Left	27.32	/	/	24.90	/	/	<=30	Pass
		Inner_1RB_Right	27.13	/	/	24.71	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	24.06	/	/	21.64	/	/	<=30	Pass
		Edge_1RB_Right	24.34	/	/	21.92	/	/	<=30	Pass
		Outer_Full	27.34	/	/	24.92	/	/	<=30	Pass
		Inner_Full	27.85	/	/	25.43	/	/	<=30	Pass
		Inner_1RB_Left	27.60	/	/	25.18	/	/	<=30	Pass
		Inner_1RB_Right	27.80	/	/	25.38	/	/	<=30	Pass
DFT-s-OFDM QPSK	3730.02	Edge_1RB_Left	23.60	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	23.97	/	/	21.55	/	/	<=30	Pass

		Outer_Full	26.54	/	/	24.12	/	/	<=30	Pass
		Inner_Full	27.56	/	/	25.14	/	/	<=30	Pass
		Inner_1RB_Left	27.12	/	/	24.70	/	/	<=30	Pass
		Inner_1RB_Right	27.54	/	/	25.12	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.69	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	23.57	/	/	21.15	/	/	<=30	Pass
		Outer_Full	26.15	/	/	23.73	/	/	<=30	Pass
		Inner_Full	27.07	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Left	27.26	/	/	24.84	/	/	<=30	Pass
		Inner_1RB_Right	27.07	/	/	24.65	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	24.07	/	/	21.65	/	/	<=30	Pass
		Edge_1RB_Right	24.21	/	/	21.79	/	/	<=30	Pass
		Outer_Full	26.79	/	/	24.37	/	/	<=30	Pass
		Inner_Full	27.86	/	/	25.44	/	/	<=30	Pass
		Inner_1RB_Left	27.58	/	/	25.16	/	/	<=30	Pass
		Inner_1RB_Right	27.73	/	/	25.31	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3730.02	Edge_1RB_Left	23.59	/	/	21.17	/	/	<=30	Pass
		Edge_1RB_Right	23.93	/	/	21.51	/	/	<=30	Pass
		Outer_Full	25.50	/	/	23.08	/	/	<=30	Pass
		Inner_Full	26.57	/	/	24.15	/	/	<=30	Pass
		Inner_1RB_Left	26.04	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Right	26.43	/	/	24.01	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.60	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	23.48	/	/	21.06	/	/	<=30	Pass
		Outer_Full	25.19	/	/	22.77	/	/	<=30	Pass
		Inner_Full	26.08	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Left	26.17	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Right	26.00	/	/	23.58	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	23.97	/	/	21.55	/	/	<=30	Pass
		Edge_1RB_Right	24.09	/	/	21.67	/	/	<=30	Pass
		Outer_Full	25.79	/	/	23.37	/	/	<=30	Pass
		Inner_Full	26.87	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Left	26.44	/	/	24.02	/	/	<=30	Pass
		Inner_1RB_Right	26.60	/	/	24.18	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3730.02	Edge_1RB_Left	23.68	/	/	21.26	/	/	<=30	Pass
		Edge_1RB_Right	24.11	/	/	21.69	/	/	<=30	Pass
		Outer_Full	25.00	/	/	22.58	/	/	<=30	Pass
		Inner_Full	25.07	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Left	24.71	/	/	22.29	/	/	<=30	Pass
		Inner_1RB_Right	25.18	/	/	22.76	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.80	/	/	21.38	/	/	<=30	Pass
		Edge_1RB_Right	23.59	/	/	21.17	/	/	<=30	Pass
		Outer_Full	24.64	/	/	22.22	/	/	<=30	Pass
		Inner_Full	24.61	/	/	22.19	/	/	<=30	Pass
		Inner_1RB_Left	24.79	/	/	22.37	/	/	<=30	Pass
		Inner_1RB_Right	24.57	/	/	22.15	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	24.13	/	/	21.71	/	/	<=30	Pass
		Edge_1RB_Right	24.31	/	/	21.89	/	/	<=30	Pass
		Outer_Full	25.29	/	/	22.87	/	/	<=30	Pass
		Inner_Full	25.41	/	/	22.99	/	/	<=30	Pass
		Inner_1RB_Left	25.03	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Right	25.22	/	/	22.80	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3730.02	Edge_1RB_Left	22.61	/	/	20.19	/	/	<=30	Pass
		Edge_1RB_Right	23.10	/	/	20.68	/	/	<=30	Pass
		Outer_Full	22.99	/	/	20.57	/	/	<=30	Pass
		Inner_Full	22.99	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Left	22.59	/	/	20.17	/	/	<=30	Pass
		Inner_1RB_Right	23.04	/	/	20.62	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.82	/	/	20.40	/	/	<=30	Pass

		Edge_1RB_Right	22.64	/	/	20.22	/	/	<=30	Pass
		Outer_Full	22.65	/	/	20.23	/	/	<=30	Pass
		Inner_Full	22.48	/	/	20.06	/	/	<=30	Pass
		Inner_1RB_Left	22.83	/	/	20.41	/	/	<=30	Pass
		Inner_1RB_Right	22.60	/	/	20.18	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	23.06	/	/	20.64	/	/	<=30	Pass
		Edge_1RB_Right	23.24	/	/	20.82	/	/	<=30	Pass
		Outer_Full	23.28	/	/	20.86	/	/	<=30	Pass
		Inner_Full	23.31	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Left	23.10	/	/	20.68	/	/	<=30	Pass
CP-OFDM QPSK	3730.02	Inner_1RB_Right	23.27	/	/	20.85	/	/	<=30	Pass
		Edge_1RB_Left	23.73	/	/	21.31	/	/	<=30	Pass
		Edge_1RB_Right	24.10	/	/	21.68	/	/	<=30	Pass
		Outer_Full	24.40	/	/	21.98	/	/	<=30	Pass
		Inner_Full	26.07	/	/	23.65	/	/	<=30	Pass
	3840	Inner_1RB_Left	25.86	/	/	23.44	/	/	<=30	Pass
		Inner_1RB_Right	26.09	/	/	23.67	/	/	<=30	Pass
		Edge_1RB_Left	23.77	/	/	21.35	/	/	<=30	Pass
		Edge_1RB_Right	23.64	/	/	21.22	/	/	<=30	Pass
		Outer_Full	24.16	/	/	21.74	/	/	<=30	Pass
	3949.98	Inner_Full	25.59	/	/	23.17	/	/	<=30	Pass
		Inner_1RB_Left	25.82	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Right	25.61	/	/	23.19	/	/	<=30	Pass
		Edge_1RB_Left	24.16	/	/	21.74	/	/	<=30	Pass
		Edge_1RB_Right	24.31	/	/	21.89	/	/	<=30	Pass
CP-OFDM 16 QAM	3730.02	Outer_Full	24.80	/	/	22.38	/	/	<=30	Pass
		Inner_Full	26.35	/	/	23.93	/	/	<=30	Pass
		Inner_1RB_Left	26.22	/	/	23.80	/	/	<=30	Pass
		Inner_1RB_Right	26.31	/	/	23.89	/	/	<=30	Pass
		Edge_1RB_Left	23.60	/	/	21.18	/	/	<=30	Pass
	3840	Edge_1RB_Right	23.99	/	/	21.57	/	/	<=30	Pass
		Outer_Full	24.46	/	/	22.04	/	/	<=30	Pass
		Inner_Full	25.56	/	/	23.14	/	/	<=30	Pass
		Inner_1RB_Left	25.09	/	/	22.67	/	/	<=30	Pass
		Inner_1RB_Right	25.46	/	/	23.04	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	23.64	/	/	21.22	/	/	<=30	Pass
		Edge_1RB_Right	23.49	/	/	21.07	/	/	<=30	Pass
		Outer_Full	24.17	/	/	21.75	/	/	<=30	Pass
		Inner_Full	25.05	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Left	25.21	/	/	22.79	/	/	<=30	Pass
CP-OFDM 64 QAM	3730.02	Inner_1RB_Right	24.93	/	/	22.51	/	/	<=30	Pass
		Edge_1RB_Left	24.02	/	/	21.60	/	/	<=30	Pass
		Edge_1RB_Right	24.19	/	/	21.77	/	/	<=30	Pass
		Outer_Full	24.80	/	/	22.38	/	/	<=30	Pass
		Inner_Full	25.85	/	/	23.43	/	/	<=30	Pass
	3840	Inner_1RB_Left	25.53	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Right	25.67	/	/	23.25	/	/	<=30	Pass
		Edge_1RB_Left	23.65	/	/	21.23	/	/	<=30	Pass
		Edge_1RB_Right	24.19	/	/	21.77	/	/	<=30	Pass
		Outer_Full	23.99	/	/	21.57	/	/	<=30	Pass
	3949.98	Inner_Full	24.10	/	/	21.68	/	/	<=30	Pass
		Inner_1RB_Left	23.66	/	/	21.24	/	/	<=30	Pass
		Inner_1RB_Right	24.05	/	/	21.63	/	/	<=30	Pass
		Edge_1RB_Left	23.68	/	/	21.26	/	/	<=30	Pass
		Edge_1RB_Right	23.70	/	/	21.28	/	/	<=30	Pass
		Outer_Full	23.69	/	/	21.27	/	/	<=30	Pass
		Inner_Full	23.52	/	/	21.10	/	/	<=30	Pass
		Inner_1RB_Left	23.74	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Right	23.55	/	/	21.13	/	/	<=30	Pass
	3730.02	Edge_1RB_Left	23.65	/	/	21.23	/	/	<=30	Pass
		Edge_1RB_Right	24.19	/	/	21.77	/	/	<=30	Pass
		Outer_Full	23.99	/	/	21.57	/	/	<=30	Pass
		Inner_Full	24.10	/	/	21.68	/	/	<=30	Pass
		Inner_1RB_Left	23.66	/	/	21.24	/	/	<=30	Pass
	3840	Inner_1RB_Right	24.05	/	/	21.63	/	/	<=30	Pass
		Edge_1RB_Left	23.68	/	/	21.26	/	/	<=30	Pass
		Edge_1RB_Right	23.70	/	/	21.28	/	/	<=30	Pass
		Outer_Full	23.69	/	/	21.27	/	/	<=30	Pass
		Inner_Full	23.52	/	/	21.10	/	/	<=30	Pass

	3949.98	Edge_1RB_Left	24.10	/	/	21.68	/	/	<=30	Pass
		Edge_1RB_Right	24.22	/	/	21.80	/	/	<=30	Pass
		Outer_Full	24.28	/	/	21.86	/	/	<=30	Pass
		Inner_Full	24.39	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Left	24.09	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Right	24.32	/	/	21.90	/	/	<=30	Pass
CP-OFDM 256 QAM	3730.02	Edge_1RB_Left	20.75	/	/	18.33	/	/	<=30	Pass
		Edge_1RB_Right	21.08	/	/	18.66	/	/	<=30	Pass
		Outer_Full	21.04	/	/	18.62	/	/	<=30	Pass
		Inner_Full	21.04	/	/	18.62	/	/	<=30	Pass
		Inner_1RB_Left	20.74	/	/	18.32	/	/	<=30	Pass
		Inner_1RB_Right	21.05	/	/	18.63	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.78	/	/	18.36	/	/	<=30	Pass
		Edge_1RB_Right	20.61	/	/	18.19	/	/	<=30	Pass
		Outer_Full	20.67	/	/	18.25	/	/	<=30	Pass
		Inner_Full	20.55	/	/	18.13	/	/	<=30	Pass
		Inner_1RB_Left	20.81	/	/	18.39	/	/	<=30	Pass
		Inner_1RB_Right	20.65	/	/	18.23	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	21.15	/	/	18.73	/	/	<=30	Pass
		Edge_1RB_Right	21.32	/	/	18.90	/	/	<=30	Pass
		Outer_Full	21.28	/	/	18.86	/	/	<=30	Pass
		Inner_Full	21.36	/	/	18.94	/	/	<=30	Pass
		Inner_1RB_Left	21.09	/	/	18.67	/	/	<=30	Pass
		Inner_1RB_Right	21.31	/	/	18.89	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -2.42dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 30_S_70M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 70MHz 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	3735	Edge_1RB_Left	23.57	/	/	21.15	/	/	<=30	Pass
		Edge_1RB_Right	24.20	/	/	21.78	/	/	<=30	Pass
		Outer_Full	26.99	/	/	24.57	/	/	<=30	Pass
		Inner_Full	27.50	/	/	25.08	/	/	<=30	Pass
		Inner_1RB_Left	27.10	/	/	24.68	/	/	<=30	Pass
		Inner_1RB_Right	27.78	/	/	25.36	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.72	/	/	21.30	/	/	<=30	Pass
		Edge_1RB_Right	23.55	/	/	21.13	/	/	<=30	Pass
		Outer_Full	26.64	/	/	24.22	/	/	<=30	Pass
		Inner_Full	27.07	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Left	27.27	/	/	24.85	/	/	<=30	Pass
		Inner_1RB_Right	27.09	/	/	24.67	/	/	<=30	Pass
	3945	Edge_1RB_Left	23.96	/	/	21.54	/	/	<=30	Pass
		Edge_1RB_Right	24.50	/	/	22.08	/	/	<=30	Pass
		Outer_Full	27.29	/	/	24.87	/	/	<=30	Pass
		Inner_Full	27.73	/	/	25.31	/	/	<=30	Pass
		Inner_1RB_Left	27.49	/	/	25.07	/	/	<=30	Pass
		Inner_1RB_Right	27.97	/	/	25.55	/	/	<=30	Pass
DFT-s-OFDM QPSK	3735	Edge_1RB_Left	23.51	/	/	21.09	/	/	<=30	Pass
		Edge_1RB_Right	24.23	/	/	21.81	/	/	<=30	Pass
		Outer_Full	26.48	/	/	24.06	/	/	<=30	Pass
		Inner_Full	27.56	/	/	25.14	/	/	<=30	Pass
		Inner_1RB_Left	27.11	/	/	24.69	/	/	<=30	Pass
		Inner_1RB_Right	27.78	/	/	25.36	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.70	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	23.52	/	/	21.10	/	/	<=30	Pass

		Outer_Full	26.10	/	/	23.68	/	/	<=30	Pass
		Inner_Full	27.08	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	27.23	/	/	24.81	/	/	<=30	Pass
		Inner_1RB_Right	27.02	/	/	24.60	/	/	<=30	Pass
	3945	Edge_1RB_Left	23.93	/	/	21.51	/	/	<=30	Pass
		Edge_1RB_Right	24.42	/	/	22.00	/	/	<=30	Pass
		Outer_Full	26.82	/	/	24.40	/	/	<=30	Pass
		Inner_Full	27.75	/	/	25.33	/	/	<=30	Pass
		Inner_1RB_Left	27.46	/	/	25.04	/	/	<=30	Pass
		Inner_1RB_Right	27.87	/	/	25.45	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3735	Edge_1RB_Left	23.51	/	/	21.09	/	/	<=30	Pass
		Edge_1RB_Right	24.28	/	/	21.86	/	/	<=30	Pass
		Outer_Full	25.44	/	/	23.02	/	/	<=30	Pass
		Inner_Full	26.62	/	/	24.20	/	/	<=30	Pass
		Inner_1RB_Left	26.03	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Right	26.72	/	/	24.30	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.69	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	23.54	/	/	21.12	/	/	<=30	Pass
		Outer_Full	25.04	/	/	22.62	/	/	<=30	Pass
		Inner_Full	26.10	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Left	26.21	/	/	23.79	/	/	<=30	Pass
		Inner_1RB_Right	25.98	/	/	23.56	/	/	<=30	Pass
	3945	Edge_1RB_Left	23.81	/	/	21.39	/	/	<=30	Pass
		Edge_1RB_Right	24.29	/	/	21.87	/	/	<=30	Pass
		Outer_Full	25.82	/	/	23.40	/	/	<=30	Pass
		Inner_Full	26.74	/	/	24.32	/	/	<=30	Pass
		Inner_1RB_Left	26.27	/	/	23.85	/	/	<=30	Pass
		Inner_1RB_Right	26.71	/	/	24.29	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3735	Edge_1RB_Left	23.69	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	24.33	/	/	21.91	/	/	<=30	Pass
		Outer_Full	24.95	/	/	22.53	/	/	<=30	Pass
		Inner_Full	25.06	/	/	22.64	/	/	<=30	Pass
		Inner_1RB_Left	24.67	/	/	22.25	/	/	<=30	Pass
		Inner_1RB_Right	25.41	/	/	22.99	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.77	/	/	21.35	/	/	<=30	Pass
		Edge_1RB_Right	23.57	/	/	21.15	/	/	<=30	Pass
		Outer_Full	24.58	/	/	22.16	/	/	<=30	Pass
		Inner_Full	24.63	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Left	24.76	/	/	22.34	/	/	<=30	Pass
		Inner_1RB_Right	24.58	/	/	22.16	/	/	<=30	Pass
	3945	Edge_1RB_Left	24.00	/	/	21.58	/	/	<=30	Pass
		Edge_1RB_Right	24.46	/	/	22.04	/	/	<=30	Pass
		Outer_Full	25.30	/	/	22.88	/	/	<=30	Pass
		Inner_Full	25.22	/	/	22.80	/	/	<=30	Pass
		Inner_1RB_Left	24.94	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Right	25.34	/	/	22.92	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3735	Edge_1RB_Left	22.54	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	23.27	/	/	20.85	/	/	<=30	Pass
		Outer_Full	22.96	/	/	20.54	/	/	<=30	Pass
		Inner_Full	23.13	/	/	20.71	/	/	<=30	Pass
		Inner_1RB_Left	22.57	/	/	20.15	/	/	<=30	Pass
		Inner_1RB_Right	23.23	/	/	20.81	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.67	/	/	20.25	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	20.06	/	/	<=30	Pass
		Outer_Full	22.55	/	/	20.13	/	/	<=30	Pass
		Inner_Full	22.60	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Left	22.80	/	/	20.38	/	/	<=30	Pass
		Inner_1RB_Right	22.48	/	/	20.06	/	/	<=30	Pass
	3945	Edge_1RB_Left	22.89	/	/	20.47	/	/	<=30	Pass

		Edge 1RB Right	23.50	/	/	21.08	/	/	<=30	Pass
		Outer Full	23.25	/	/	20.83	/	/	<=30	Pass
		Inner Full	23.24	/	/	20.82	/	/	<=30	Pass
		Inner 1RB Left	22.97	/	/	20.55	/	/	<=30	Pass
		Inner 1RB Right	23.50	/	/	21.08	/	/	<=30	Pass
CP-OFDM QPSK	3735	Edge 1RB Left	23.64	/	/	21.22	/	/	<=30	Pass
		Edge 1RB Right	24.37	/	/	21.95	/	/	<=30	Pass
		Outer Full	24.49	/	/	22.07	/	/	<=30	Pass
		Inner Full	26.13	/	/	23.71	/	/	<=30	Pass
		Inner 1RB Left	25.66	/	/	23.24	/	/	<=30	Pass
	3840	Inner 1RB Right	26.47	/	/	24.05	/	/	<=30	Pass
		Edge 1RB Left	23.74	/	/	21.32	/	/	<=30	Pass
		Edge 1RB Right	23.61	/	/	21.19	/	/	<=30	Pass
		Outer Full	24.11	/	/	21.69	/	/	<=30	Pass
		Inner Full	25.59	/	/	23.17	/	/	<=30	Pass
	3945	Inner 1RB Left	25.74	/	/	23.32	/	/	<=30	Pass
		Inner 1RB Right	25.65	/	/	23.23	/	/	<=30	Pass
		Edge 1RB Left	23.96	/	/	21.54	/	/	<=30	Pass
		Edge 1RB Right	24.45	/	/	22.03	/	/	<=30	Pass
		Outer Full	24.77	/	/	22.35	/	/	<=30	Pass
CP-OFDM 16 QAM	3735	Inner Full	26.35	/	/	23.93	/	/	<=30	Pass
		Inner 1RB Left	26.19	/	/	23.77	/	/	<=30	Pass
		Inner 1RB Right	26.49	/	/	24.07	/	/	<=30	Pass
	3840	Edge 1RB Left	23.61	/	/	21.19	/	/	<=30	Pass
		Edge 1RB Right	24.29	/	/	21.87	/	/	<=30	Pass
		Outer Full	24.52	/	/	22.10	/	/	<=30	Pass
		Inner Full	25.63	/	/	23.21	/	/	<=30	Pass
	3945	Inner 1RB Left	25.03	/	/	22.61	/	/	<=30	Pass
		Inner 1RB Right	25.78	/	/	23.36	/	/	<=30	Pass
		Edge 1RB Left	23.68	/	/	21.26	/	/	<=30	Pass
		Edge 1RB Right	23.47	/	/	21.05	/	/	<=30	Pass
		Outer Full	24.05	/	/	21.63	/	/	<=30	Pass
CP-OFDM 64 QAM	3735	Inner Full	25.08	/	/	22.66	/	/	<=30	Pass
		Inner 1RB Left	25.18	/	/	22.76	/	/	<=30	Pass
		Inner 1RB Right	25.04	/	/	22.62	/	/	<=30	Pass
	3840	Edge 1RB Left	23.89	/	/	21.47	/	/	<=30	Pass
		Edge 1RB Right	24.27	/	/	21.85	/	/	<=30	Pass
		Outer Full	24.79	/	/	22.37	/	/	<=30	Pass
	3945	Inner Full	25.80	/	/	23.38	/	/	<=30	Pass
		Inner 1RB Left	25.41	/	/	22.99	/	/	<=30	Pass
		Inner 1RB Right	25.81	/	/	23.39	/	/	<=30	Pass
	3735	Edge 1RB Left	23.70	/	/	21.28	/	/	<=30	Pass
		Edge 1RB Right	24.35	/	/	21.93	/	/	<=30	Pass
		Outer Full	23.99	/	/	21.57	/	/	<=30	Pass
	3840	Inner Full	24.16	/	/	21.74	/	/	<=30	Pass
		Inner 1RB Left	23.66	/	/	21.24	/	/	<=30	Pass
		Inner 1RB Right	24.39	/	/	21.97	/	/	<=30	Pass
	3945	Edge 1RB Left	23.76	/	/	21.34	/	/	<=30	Pass
		Edge 1RB Right	23.54	/	/	21.12	/	/	<=30	Pass
		Outer Full	23.59	/	/	21.17	/	/	<=30	Pass
	3735	Inner Full	23.61	/	/	21.19	/	/	<=30	Pass
		Inner 1RB Left	23.83	/	/	21.41	/	/	<=30	Pass
		Inner 1RB Right	23.53	/	/	21.11	/	/	<=30	Pass
	3840	Edge 1RB Left	23.91	/	/	21.49	/	/	<=30	Pass
		Edge 1RB Right	24.39	/	/	21.97	/	/	<=30	Pass
		Outer Full	24.27	/	/	21.85	/	/	<=30	Pass
	3945	Inner Full	24.24	/	/	21.82	/	/	<=30	Pass
		Inner 1RB Left	23.96	/	/	21.54	/	/	<=30	Pass
		Inner 1RB Right	24.39	/	/	21.97	/	/	<=30	Pass

CP-OFDM 256 QAM	3735	Edge_1RB_Left	20.59	/	/	18.17	/	/	<=30	Pass
		Edge_1RB_Right	21.32	/	/	18.90	/	/	<=30	Pass
		Outer_Full	21.06	/	/	18.64	/	/	<=30	Pass
		Inner_Full	21.08	/	/	18.66	/	/	<=30	Pass
		Inner_1RB_Left	20.57	/	/	18.15	/	/	<=30	Pass
		Inner_1RB_Right	21.26	/	/	18.84	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.72	/	/	18.30	/	/	<=30	Pass
		Edge_1RB_Right	20.46	/	/	18.04	/	/	<=30	Pass
		Outer_Full	20.55	/	/	18.13	/	/	<=30	Pass
		Inner_Full	20.57	/	/	18.15	/	/	<=30	Pass
		Inner_1RB_Left	20.76	/	/	18.34	/	/	<=30	Pass
		Inner_1RB_Right	20.51	/	/	18.09	/	/	<=30	Pass
	3945	Edge_1RB_Left	20.97	/	/	18.55	/	/	<=30	Pass
		Edge_1RB_Right	21.41	/	/	18.99	/	/	<=30	Pass
		Outer_Full	21.24	/	/	18.82	/	/	<=30	Pass
		Inner_Full	21.23	/	/	18.81	/	/	<=30	Pass
		Inner_1RB_Left	20.98	/	/	18.56	/	/	<=30	Pass
		Inner_1RB_Right	21.41	/	/	18.99	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -2.42dBi; 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	23.64	/	/	21.22	/	/	<=30	Pass
		Edge_1RB_Right	24.16	/	/	21.74	/	/	<=30	Pass
		Outer_Full	27.03	/	/	24.61	/	/	<=30	Pass
		Inner_Full	27.59	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Left	27.16	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Right	27.66	/	/	25.24	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.70	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	23.63	/	/	21.21	/	/	<=30	Pass
		Outer_Full	26.60	/	/	24.18	/	/	<=30	Pass
		Inner_Full	27.08	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	27.18	/	/	24.76	/	/	<=30	Pass
		Inner_1RB_Right	27.19	/	/	24.77	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	23.88	/	/	21.46	/	/	<=30	Pass
		Edge_1RB_Right	24.26	/	/	21.84	/	/	<=30	Pass
		Outer_Full	27.25	/	/	24.83	/	/	<=30	Pass
		Inner_Full	27.80	/	/	25.38	/	/	<=30	Pass
		Inner_1RB_Left	27.47	/	/	25.05	/	/	<=30	Pass
		Inner_1RB_Right	27.79	/	/	25.37	/	/	<=30	Pass
DFT-s-OFDM QPSK	3740.01	Edge_1RB_Left	23.60	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	24.11	/	/	21.69	/	/	<=30	Pass
		Outer_Full	26.54	/	/	24.12	/	/	<=30	Pass
		Inner_Full	27.63	/	/	25.21	/	/	<=30	Pass
		Inner_1RB_Left	27.13	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Right	27.66	/	/	25.24	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.61	/	/	21.19	/	/	<=30	Pass
		Edge_1RB_Right	23.63	/	/	21.21	/	/	<=30	Pass
		Outer_Full	26.16	/	/	23.74	/	/	<=30	Pass
		Inner_Full	27.13	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Left	27.18	/	/	24.76	/	/	<=30	Pass
		Inner_1RB_Right	27.14	/	/	24.72	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	23.93	/	/	21.51	/	/	<=30	Pass
		Edge_1RB_Right	24.29	/	/	21.87	/	/	<=30	Pass

		Outer_Full	26.76	/	/	24.34	/	/	<=30	Pass
		Inner_Full	27.83	/	/	25.41	/	/	<=30	Pass
		Inner_1RB_Left	27.44	/	/	25.02	/	/	<=30	Pass
		Inner_1RB_Right	27.78	/	/	25.36	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3740.01	Edge_1RB_Left	23.52	/	/	21.10	/	/	<=30	Pass
		Edge_1RB_Right	24.04	/	/	21.62	/	/	<=30	Pass
		Outer_Full	25.58	/	/	23.16	/	/	<=30	Pass
		Inner_Full	26.59	/	/	24.17	/	/	<=30	Pass
		Inner_1RB_Left	26.02	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Right	26.45	/	/	24.03	/	/	<=30	Pass
		Edge_1RB_Left	23.54	/	/	21.12	/	/	<=30	Pass
		Edge_1RB_Right	23.58	/	/	21.16	/	/	<=30	Pass
	3840	Outer_Full	25.19	/	/	22.77	/	/	<=30	Pass
		Inner_Full	26.09	/	/	23.67	/	/	<=30	Pass
		Inner_1RB_Left	26.08	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Right	26.03	/	/	23.61	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	23.81	/	/	21.39	/	/	<=30	Pass
		Edge_1RB_Right	24.26	/	/	21.84	/	/	<=30	Pass
		Outer_Full	25.80	/	/	23.38	/	/	<=30	Pass
		Inner_Full	26.78	/	/	24.36	/	/	<=30	Pass
		Inner_1RB_Left	26.31	/	/	23.89	/	/	<=30	Pass
		Inner_1RB_Right	26.74	/	/	24.32	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3740.01	Edge_1RB_Left	23.73	/	/	21.31	/	/	<=30	Pass
		Edge_1RB_Right	24.18	/	/	21.76	/	/	<=30	Pass
		Outer_Full	25.06	/	/	22.64	/	/	<=30	Pass
		Inner_Full	25.09	/	/	22.67	/	/	<=30	Pass
		Inner_1RB_Left	24.68	/	/	22.26	/	/	<=30	Pass
		Inner_1RB_Right	25.22	/	/	22.80	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.60	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	23.64	/	/	21.22	/	/	<=30	Pass
		Outer_Full	24.63	/	/	22.21	/	/	<=30	Pass
		Inner_Full	24.60	/	/	22.18	/	/	<=30	Pass
		Inner_1RB_Left	24.66	/	/	22.24	/	/	<=30	Pass
		Inner_1RB_Right	24.69	/	/	22.27	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	23.96	/	/	21.54	/	/	<=30	Pass
		Edge_1RB_Right	24.24	/	/	21.82	/	/	<=30	Pass
		Outer_Full	25.26	/	/	22.84	/	/	<=30	Pass
		Inner_Full	25.31	/	/	22.89	/	/	<=30	Pass
		Inner_1RB_Left	25.01	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Right	25.39	/	/	22.97	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3740.01	Edge_1RB_Left	22.62	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	23.14	/	/	20.72	/	/	<=30	Pass
		Outer_Full	23.03	/	/	20.61	/	/	<=30	Pass
		Inner_Full	23.05	/	/	20.63	/	/	<=30	Pass
		Inner_1RB_Left	22.65	/	/	20.23	/	/	<=30	Pass
		Inner_1RB_Right	23.16	/	/	20.74	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.66	/	/	20.24	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	20.27	/	/	<=30	Pass
		Outer_Full	22.64	/	/	20.22	/	/	<=30	Pass
		Inner_Full	22.61	/	/	20.19	/	/	<=30	Pass
		Inner_1RB_Left	22.64	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Right	22.66	/	/	20.24	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	23.03	/	/	20.61	/	/	<=30	Pass
		Edge_1RB_Right	23.29	/	/	20.87	/	/	<=30	Pass
		Outer_Full	23.28	/	/	20.86	/	/	<=30	Pass
		Inner_Full	23.32	/	/	20.90	/	/	<=30	Pass
		Inner_1RB_Left	22.94	/	/	20.52	/	/	<=30	Pass
		Inner_1RB_Right	23.33	/	/	20.91	/	/	<=30	Pass
CP-OFDM QPSK	3740.01	Edge_1RB_Left	23.73	/	/	21.31	/	/	<=30	Pass

		Edge_1RB_Right	24.20	/	/	21.78	/	/	<=30	Pass	
		Outer_Full	24.53	/	/	22.11	/	/	<=30	Pass	
		Inner_Full	26.08	/	/	23.66	/	/	<=30	Pass	
		Inner_1RB_Left	25.68	/	/	23.26	/	/	<=30	Pass	
		Inner_1RB_Right	26.23	/	/	23.81	/	/	<=30	Pass	
	3840	Edge_1RB_Left	23.68	/	/	21.26	/	/	<=30	Pass	
		Edge_1RB_Right	23.68	/	/	21.26	/	/	<=30	Pass	
		Outer_Full	24.17	/	/	21.75	/	/	<=30	Pass	
		Inner_Full	25.60	/	/	23.18	/	/	<=30	Pass	
		Inner_1RB_Left	25.66	/	/	23.24	/	/	<=30	Pass	
	3939.99	Inner_1RB_Right	25.70	/	/	23.28	/	/	<=30	Pass	
		Edge_1RB_Left	24.05	/	/	21.63	/	/	<=30	Pass	
		Edge_1RB_Right	24.33	/	/	21.91	/	/	<=30	Pass	
		Outer_Full	24.76	/	/	22.34	/	/	<=30	Pass	
		Inner_Full	26.29	/	/	23.87	/	/	<=30	Pass	
	CP-OFDM 16 QAM	3740.01	Inner_1RB_Left	26.07	/	/	23.65	/	/	<=30	Pass
			Inner_1RB_Right	26.34	/	/	23.92	/	/	<=30	Pass
			Edge_1RB_Left	23.58	/	/	21.16	/	/	<=30	Pass
Edge_1RB_Right			24.12	/	/	21.70	/	/	<=30	Pass	
Outer_Full			24.54	/	/	22.12	/	/	<=30	Pass	
Inner_Full			25.61	/	/	23.19	/	/	<=30	Pass	
3840		Inner_1RB_Left	25.11	/	/	22.69	/	/	<=30	Pass	
		Inner_1RB_Right	25.65	/	/	23.23	/	/	<=30	Pass	
		Edge_1RB_Left	23.54	/	/	21.12	/	/	<=30	Pass	
		Edge_1RB_Right	23.55	/	/	21.13	/	/	<=30	Pass	
		Outer_Full	24.18	/	/	21.76	/	/	<=30	Pass	
		Inner_Full	25.08	/	/	22.66	/	/	<=30	Pass	
3939.99		Inner_1RB_Left	25.14	/	/	22.72	/	/	<=30	Pass	
		Inner_1RB_Right	25.13	/	/	22.71	/	/	<=30	Pass	
		Edge_1RB_Left	23.89	/	/	21.47	/	/	<=30	Pass	
		Edge_1RB_Right	24.22	/	/	21.80	/	/	<=30	Pass	
		Outer_Full	24.79	/	/	22.37	/	/	<=30	Pass	
		Inner_Full	25.77	/	/	23.35	/	/	<=30	Pass	
CP-OFDM 64 QAM	3740.01	Inner_1RB_Left	25.39	/	/	22.97	/	/	<=30	Pass	
		Inner_1RB_Right	25.71	/	/	23.29	/	/	<=30	Pass	
		Edge_1RB_Left	23.68	/	/	21.26	/	/	<=30	Pass	
		Edge_1RB_Right	24.19	/	/	21.77	/	/	<=30	Pass	
		Outer_Full	23.99	/	/	21.57	/	/	<=30	Pass	
		Inner_Full	24.06	/	/	21.64	/	/	<=30	Pass	
	3840	Inner_1RB_Left	23.64	/	/	21.22	/	/	<=30	Pass	
		Inner_1RB_Right	24.16	/	/	21.74	/	/	<=30	Pass	
		Edge_1RB_Left	23.63	/	/	21.21	/	/	<=30	Pass	
		Edge_1RB_Right	23.67	/	/	21.25	/	/	<=30	Pass	
		Outer_Full	23.67	/	/	21.25	/	/	<=30	Pass	
		Inner_Full	23.56	/	/	21.14	/	/	<=30	Pass	
	3939.99	Inner_1RB_Left	23.74	/	/	21.32	/	/	<=30	Pass	
		Inner_1RB_Right	23.65	/	/	21.23	/	/	<=30	Pass	
		Edge_1RB_Left	23.96	/	/	21.54	/	/	<=30	Pass	
		Edge_1RB_Right	24.29	/	/	21.87	/	/	<=30	Pass	
		Outer_Full	24.29	/	/	21.87	/	/	<=30	Pass	
		Inner_Full	24.29	/	/	21.87	/	/	<=30	Pass	
CP-OFDM 256 QAM	3740.01	Inner_1RB_Left	23.99	/	/	21.57	/	/	<=30	Pass	
		Inner_1RB_Right	24.27	/	/	21.85	/	/	<=30	Pass	
		Edge_1RB_Left	20.59	/	/	18.17	/	/	<=30	Pass	
		Edge_1RB_Right	21.15	/	/	18.73	/	/	<=30	Pass	
		Outer_Full	21.08	/	/	18.66	/	/	<=30	Pass	
		Inner_Full	21.13	/	/	18.71	/	/	<=30	Pass	

	3840	Edge_1RB_Left	20.63	/	/	18.21	/	/	<=30	Pass
		Edge_1RB_Right	20.60	/	/	18.18	/	/	<=30	Pass
		Outer_Full	20.64	/	/	18.22	/	/	<=30	Pass
		Inner_Full	20.59	/	/	18.17	/	/	<=30	Pass
		Inner_1RB_Left	20.66	/	/	18.24	/	/	<=30	Pass
		Inner_1RB_Right	20.60	/	/	18.18	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	20.93	/	/	18.51	/	/	<=30	Pass
		Edge_1RB_Right	21.30	/	/	18.88	/	/	<=30	Pass
		Outer_Full	21.20	/	/	18.78	/	/	<=30	Pass
		Inner_Full	21.25	/	/	18.83	/	/	<=30	Pass
		Inner_1RB_Left	20.99	/	/	18.57	/	/	<=30	Pass
		Inner_1RB_Right	21.32	/	/	18.90	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: -2.42dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30_S_90M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 90MHz 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	3745.02	Edge_1RB_Left	23.58	/	/	21.16	/	/	<=30	Pass
		Edge_1RB_Right	24.36	/	/	21.94	/	/	<=30	Pass
		Outer_Full	27.06	/	/	24.64	/	/	<=30	Pass
		Inner_Full	27.66	/	/	25.24	/	/	<=30	Pass
		Inner_1RB_Left	27.12	/	/	24.70	/	/	<=30	Pass
		Inner_1RB_Right	27.90	/	/	25.48	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.62	/	/	21.20	/	/	<=30	Pass
		Edge_1RB_Right	23.87	/	/	21.45	/	/	<=30	Pass
		Outer_Full	26.71	/	/	24.29	/	/	<=30	Pass
		Inner_Full	27.18	/	/	24.76	/	/	<=30	Pass
		Inner_1RB_Left	27.13	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Right	27.30	/	/	24.88	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	24.01	/	/	21.59	/	/	<=30	Pass
		Edge_1RB_Right	24.19	/	/	21.77	/	/	<=30	Pass
		Outer_Full	27.37	/	/	24.95	/	/	<=30	Pass
		Inner_Full	27.94	/	/	25.52	/	/	<=30	Pass
		Inner_1RB_Left	27.53	/	/	25.11	/	/	<=30	Pass
		Inner_1RB_Right	27.71	/	/	25.29	/	/	<=30	Pass
DFT-s-OFDM QPSK	3745.02	Edge_1RB_Left	23.57	/	/	21.15	/	/	<=30	Pass
		Edge_1RB_Right	24.31	/	/	21.89	/	/	<=30	Pass
		Outer_Full	26.62	/	/	24.20	/	/	<=30	Pass
		Inner_Full	27.67	/	/	25.25	/	/	<=30	Pass
		Inner_1RB_Left	27.09	/	/	24.67	/	/	<=30	Pass
		Inner_1RB_Right	27.89	/	/	25.47	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.67	/	/	21.25	/	/	<=30	Pass
		Edge_1RB_Right	23.86	/	/	21.44	/	/	<=30	Pass
		Outer_Full	26.22	/	/	23.80	/	/	<=30	Pass
		Inner_Full	27.16	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Left	27.14	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Right	27.26	/	/	24.84	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	23.90	/	/	21.48	/	/	<=30	Pass
		Edge_1RB_Right	24.20	/	/	21.78	/	/	<=30	Pass
		Outer_Full	26.75	/	/	24.33	/	/	<=30	Pass
		Inner_Full	27.88	/	/	25.46	/	/	<=30	Pass
		Inner_1RB_Left	27.43	/	/	25.01	/	/	<=30	Pass
		Inner_1RB_Right	27.72	/	/	25.30	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3745.02	Edge_1RB_Left	23.50	/	/	21.08	/	/	<=30	Pass
		Edge_1RB_Right	24.28	/	/	21.86	/	/	<=30	Pass

		Outer_Full	25.64	/	/	23.22	/	/	<=30	Pass
		Inner_Full	26.69	/	/	24.27	/	/	<=30	Pass
		Inner_1RB_Left	26.05	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Right	26.81	/	/	24.39	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.55	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Right	23.77	/	/	21.35	/	/	<=30	Pass
		Outer_Full	25.20	/	/	22.78	/	/	<=30	Pass
		Inner_Full	26.17	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Left	26.07	/	/	23.65	/	/	<=30	Pass
		Inner_1RB_Right	26.17	/	/	23.75	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	23.79	/	/	21.37	/	/	<=30	Pass
		Edge_1RB_Right	24.08	/	/	21.66	/	/	<=30	Pass
		Outer_Full	25.78	/	/	23.36	/	/	<=30	Pass
		Inner_Full	26.94	/	/	24.52	/	/	<=30	Pass
		Inner_1RB_Left	26.33	/	/	23.91	/	/	<=30	Pass
		Inner_1RB_Right	26.62	/	/	24.20	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3745.02	Edge_1RB_Left	23.58	/	/	21.16	/	/	<=30	Pass
		Edge_1RB_Right	24.41	/	/	21.99	/	/	<=30	Pass
		Outer_Full	25.11	/	/	22.69	/	/	<=30	Pass
		Inner_Full	25.20	/	/	22.78	/	/	<=30	Pass
		Inner_1RB_Left	24.64	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Right	25.40	/	/	22.98	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.64	/	/	21.22	/	/	<=30	Pass
		Edge_1RB_Right	23.84	/	/	21.42	/	/	<=30	Pass
		Outer_Full	24.69	/	/	22.27	/	/	<=30	Pass
		Inner_Full	24.67	/	/	22.25	/	/	<=30	Pass
		Inner_1RB_Left	24.64	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Right	24.78	/	/	22.36	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	23.94	/	/	21.52	/	/	<=30	Pass
		Edge_1RB_Right	24.20	/	/	21.78	/	/	<=30	Pass
		Outer_Full	25.31	/	/	22.89	/	/	<=30	Pass
		Inner_Full	25.40	/	/	22.98	/	/	<=30	Pass
		Inner_1RB_Left	24.96	/	/	22.54	/	/	<=30	Pass
		Inner_1RB_Right	25.30	/	/	22.88	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3745.02	Edge_1RB_Left	22.52	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Right	23.40	/	/	20.98	/	/	<=30	Pass
		Outer_Full	23.08	/	/	20.66	/	/	<=30	Pass
		Inner_Full	23.13	/	/	20.71	/	/	<=30	Pass
		Inner_1RB_Left	22.55	/	/	20.13	/	/	<=30	Pass
		Inner_1RB_Right	23.37	/	/	20.95	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.59	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	20.35	/	/	<=30	Pass
		Outer_Full	22.64	/	/	20.22	/	/	<=30	Pass
		Inner_Full	22.63	/	/	20.21	/	/	<=30	Pass
		Inner_1RB_Left	22.61	/	/	20.19	/	/	<=30	Pass
		Inner_1RB_Right	22.76	/	/	20.34	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	22.94	/	/	20.52	/	/	<=30	Pass
		Edge_1RB_Right	23.20	/	/	20.78	/	/	<=30	Pass
		Outer_Full	23.28	/	/	20.86	/	/	<=30	Pass
		Inner_Full	23.37	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Left	22.91	/	/	20.49	/	/	<=30	Pass
		Inner_1RB_Right	23.24	/	/	20.82	/	/	<=30	Pass
CP-OFDM QPSK	3745.02	Edge_1RB_Left	23.65	/	/	21.23	/	/	<=30	Pass
		Edge_1RB_Right	24.46	/	/	22.04	/	/	<=30	Pass
		Outer_Full	24.58	/	/	22.16	/	/	<=30	Pass
		Inner_Full	26.18	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Left	25.63	/	/	23.21	/	/	<=30	Pass
		Inner_1RB_Right	26.35	/	/	23.93	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.70	/	/	21.28	/	/	<=30	Pass

		Edge_1RB_Right	23.98	/	/	21.56	/	/	<=30	Pass
		Outer_Full	24.09	/	/	21.67	/	/	<=30	Pass
		Inner_Full	25.61	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Left	25.72	/	/	23.30	/	/	<=30	Pass
		Inner_1RB_Right	25.80	/	/	23.38	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	23.99	/	/	21.57	/	/	<=30	Pass
		Edge_1RB_Right	24.22	/	/	21.80	/	/	<=30	Pass
		Outer_Full	24.85	/	/	22.43	/	/	<=30	Pass
		Inner_Full	26.35	/	/	23.93	/	/	<=30	Pass
		Inner_1RB_Left	25.97	/	/	23.55	/	/	<=30	Pass
CP-OFDM 16 QAM	3745.02	Inner_1RB_Right	26.20	/	/	23.78	/	/	<=30	Pass
		Edge_1RB_Left	23.55	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Right	24.27	/	/	21.85	/	/	<=30	Pass
		Outer_Full	24.63	/	/	22.21	/	/	<=30	Pass
		Inner_Full	25.68	/	/	23.26	/	/	<=30	Pass
	3840	Inner_1RB_Left	25.14	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Right	26.02	/	/	23.60	/	/	<=30	Pass
		Edge_1RB_Left	23.66	/	/	21.24	/	/	<=30	Pass
		Edge_1RB_Right	23.82	/	/	21.40	/	/	<=30	Pass
		Outer_Full	24.17	/	/	21.75	/	/	<=30	Pass
	3934.98	Inner_Full	25.17	/	/	22.75	/	/	<=30	Pass
		Inner_1RB_Left	25.17	/	/	22.75	/	/	<=30	Pass
		Inner_1RB_Right	25.19	/	/	22.77	/	/	<=30	Pass
		Edge_1RB_Left	23.82	/	/	21.40	/	/	<=30	Pass
		Edge_1RB_Right	24.15	/	/	21.73	/	/	<=30	Pass
CP-OFDM 64 QAM	3745.02	Outer_Full	24.74	/	/	22.32	/	/	<=30	Pass
		Inner_Full	25.88	/	/	23.46	/	/	<=30	Pass
		Inner_1RB_Left	25.36	/	/	22.94	/	/	<=30	Pass
		Inner_1RB_Right	25.56	/	/	23.14	/	/	<=30	Pass
		Edge_1RB_Left	23.58	/	/	21.16	/	/	<=30	Pass
	3840	Edge_1RB_Right	24.38	/	/	21.96	/	/	<=30	Pass
		Outer_Full	24.13	/	/	21.71	/	/	<=30	Pass
		Inner_Full	24.09	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Left	23.69	/	/	21.27	/	/	<=30	Pass
		Inner_1RB_Right	24.36	/	/	21.94	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	23.65	/	/	21.23	/	/	<=30	Pass
		Edge_1RB_Right	23.95	/	/	21.53	/	/	<=30	Pass
		Outer_Full	23.71	/	/	21.29	/	/	<=30	Pass
		Inner_Full	23.58	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Left	23.69	/	/	21.27	/	/	<=30	Pass
CP-OFDM 256 QAM	3745.02	Inner_1RB_Right	23.76	/	/	21.34	/	/	<=30	Pass
		Edge_1RB_Left	23.94	/	/	21.52	/	/	<=30	Pass
		Edge_1RB_Right	24.29	/	/	21.87	/	/	<=30	Pass
		Outer_Full	24.23	/	/	21.81	/	/	<=30	Pass
		Inner_Full	24.34	/	/	21.92	/	/	<=30	Pass
	3840	Inner_1RB_Left	24.00	/	/	21.58	/	/	<=30	Pass
		Inner_1RB_Right	24.25	/	/	21.83	/	/	<=30	Pass
		Edge_1RB_Left	20.54	/	/	18.12	/	/	<=30	Pass
		Edge_1RB_Right	21.38	/	/	18.96	/	/	<=30	Pass
		Outer_Full	21.09	/	/	18.67	/	/	<=30	Pass
	3934.98	Inner_Full	21.20	/	/	18.78	/	/	<=30	Pass
		Inner_1RB_Left	20.56	/	/	18.14	/	/	<=30	Pass
		Inner_1RB_Right	21.32	/	/	18.90	/	/	<=30	Pass
		Edge_1RB_Left	20.60	/	/	18.18	/	/	<=30	Pass
		Edge_1RB_Right	20.89	/	/	18.47	/	/	<=30	Pass
		Outer_Full	20.63	/	/	18.21	/	/	<=30	Pass
		Inner_Full	20.50	/	/	18.08	/	/	<=30	Pass
		Inner_1RB_Left	20.66	/	/	18.24	/	/	<=30	Pass
		Inner_1RB_Right	20.73	/	/	18.31	/	/	<=30	Pass
	3745.02	Edge_1RB_Left	20.54	/	/	18.12	/	/	<=30	Pass
		Edge_1RB_Right	21.38	/	/	18.96	/	/	<=30	Pass
		Outer_Full	21.09	/	/	18.67	/	/	<=30	Pass
		Inner_Full	21.20	/	/	18.78	/	/	<=30	Pass
		Inner_1RB_Left	20.56	/	/	18.14	/	/	<=30	Pass
	3840	Inner_1RB_Right	21.32	/	/	18.90	/	/	<=30	Pass
		Edge_1RB_Left	20.60	/	/	18.18	/	/	<=30	Pass
		Edge_1RB_Right	20.89	/	/	18.47	/	/	<=30	Pass
		Outer_Full	20.63	/	/	18.21	/	/	<=30	Pass
		Inner_Full	20.50	/	/	18.08	/	/	<=30	Pass

	3934.98	Edge_1RB_Left	20.90	/	/	18.48	/	/	<=30	Pass
		Edge_1RB_Right	21.25	/	/	18.83	/	/	<=30	Pass
		Outer_Full	21.31	/	/	18.89	/	/	<=30	Pass
		Inner_Full	21.34	/	/	18.92	/	/	<=30	Pass
		Inner_1RB_Left	20.92	/	/	18.50	/	/	<=30	Pass
		Inner_1RB_Right	21.22	/	/	18.80	/	/	<=30	Pass

Note1: Antenna Gain: Ant2: -2.42dBi;

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	23.63	/	/	21.21	/	/	<=30	Pass
		Edge_1RB_Right	24.14	/	/	21.72	/	/	<=30	Pass
		Outer_Full	27.05	/	/	24.63	/	/	<=30	Pass
		Inner_Full	27.75	/	/	25.33	/	/	<=30	Pass
		Inner_1RB_Left	27.16	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Right	27.77	/	/	25.35	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.74	/	/	21.32	/	/	<=30	Pass
		Edge_1RB_Right	23.90	/	/	21.48	/	/	<=30	Pass
		Outer_Full	26.64	/	/	24.22	/	/	<=30	Pass
		Inner_Full	27.15	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Left	27.22	/	/	24.80	/	/	<=30	Pass
		Inner_1RB_Right	27.36	/	/	24.94	/	/	<=30	Pass
	3930	Edge_1RB_Left	23.74	/	/	21.32	/	/	<=30	Pass
		Edge_1RB_Right	24.39	/	/	21.97	/	/	<=30	Pass
		Outer_Full	27.33	/	/	24.91	/	/	<=30	Pass
		Inner_Full	27.82	/	/	25.40	/	/	<=30	Pass
		Inner_1RB_Left	27.28	/	/	24.86	/	/	<=30	Pass
		Inner_1RB_Right	27.96	/	/	25.54	/	/	<=30	Pass
DFT-s-OFDM QPSK	3750	Edge_1RB_Left	23.58	/	/	21.16	/	/	<=30	Pass
		Edge_1RB_Right	24.17	/	/	21.75	/	/	<=30	Pass
		Outer_Full	26.53	/	/	24.11	/	/	<=30	Pass
		Inner_Full	27.76	/	/	25.34	/	/	<=30	Pass
		Inner_1RB_Left	27.14	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Right	27.70	/	/	25.28	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.71	/	/	21.29	/	/	<=30	Pass
		Edge_1RB_Right	23.77	/	/	21.35	/	/	<=30	Pass
		Outer_Full	26.15	/	/	23.73	/	/	<=30	Pass
		Inner_Full	27.11	/	/	24.69	/	/	<=30	Pass
		Inner_1RB_Left	27.21	/	/	24.79	/	/	<=30	Pass
		Inner_1RB_Right	27.30	/	/	24.88	/	/	<=30	Pass
	3930	Edge_1RB_Left	23.70	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	24.39	/	/	21.97	/	/	<=30	Pass
		Outer_Full	26.81	/	/	24.39	/	/	<=30	Pass
		Inner_Full	27.85	/	/	25.43	/	/	<=30	Pass
		Inner_1RB_Left	27.31	/	/	24.89	/	/	<=30	Pass
		Inner_1RB_Right	27.89	/	/	25.47	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Edge_1RB_Left	23.45	/	/	21.03	/	/	<=30	Pass
		Edge_1RB_Right	24.09	/	/	21.67	/	/	<=30	Pass
		Outer_Full	25.57	/	/	23.15	/	/	<=30	Pass
		Inner_Full	26.73	/	/	24.31	/	/	<=30	Pass
		Inner_1RB_Left	25.94	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Right	26.50	/	/	24.08	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.58	/	/	21.16	/	/	<=30	Pass
		Edge_1RB_Right	23.76	/	/	21.34	/	/	<=30	Pass

		Outer_Full	25.20	/	/	22.78	/	/	<=30	Pass
		Inner_Full	26.14	/	/	23.72	/	/	<=30	Pass
		Inner_1RB_Left	26.18	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Right	26.35	/	/	23.93	/	/	<=30	Pass
	3930	Edge_1RB_Left	23.63	/	/	21.21	/	/	<=30	Pass
		Edge_1RB_Right	24.26	/	/	21.84	/	/	<=30	Pass
		Outer_Full	25.82	/	/	23.40	/	/	<=30	Pass
		Inner_Full	26.82	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Left	26.13	/	/	23.71	/	/	<=30	Pass
		Inner_1RB_Right	26.81	/	/	24.39	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Edge_1RB_Left	23.70	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	24.20	/	/	21.78	/	/	<=30	Pass
		Outer_Full	25.04	/	/	22.62	/	/	<=30	Pass
		Inner_Full	25.16	/	/	22.74	/	/	<=30	Pass
		Inner_1RB_Left	24.68	/	/	22.26	/	/	<=30	Pass
		Inner_1RB_Right	25.30	/	/	22.88	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.70	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	23.85	/	/	21.43	/	/	<=30	Pass
		Outer_Full	24.67	/	/	22.25	/	/	<=30	Pass
		Inner_Full	24.59	/	/	22.17	/	/	<=30	Pass
		Inner_1RB_Left	24.82	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Right	24.90	/	/	22.48	/	/	<=30	Pass
	3930	Edge_1RB_Left	23.80	/	/	21.38	/	/	<=30	Pass
		Edge_1RB_Right	24.46	/	/	22.04	/	/	<=30	Pass
		Outer_Full	25.27	/	/	22.85	/	/	<=30	Pass
		Inner_Full	25.29	/	/	22.87	/	/	<=30	Pass
		Inner_1RB_Left	24.79	/	/	22.37	/	/	<=30	Pass
		Inner_1RB_Right	25.40	/	/	22.98	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Edge_1RB_Left	22.60	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Right	23.20	/	/	20.78	/	/	<=30	Pass
		Outer_Full	23.05	/	/	20.63	/	/	<=30	Pass
		Inner_Full	23.20	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Left	22.57	/	/	20.15	/	/	<=30	Pass
		Inner_1RB_Right	23.18	/	/	20.76	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.72	/	/	20.30	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	20.41	/	/	<=30	Pass
		Outer_Full	22.62	/	/	20.20	/	/	<=30	Pass
		Inner_Full	22.55	/	/	20.13	/	/	<=30	Pass
		Inner_1RB_Left	22.72	/	/	20.30	/	/	<=30	Pass
		Inner_1RB_Right	22.85	/	/	20.43	/	/	<=30	Pass
	3930	Edge_1RB_Left	22.74	/	/	20.32	/	/	<=30	Pass
		Edge_1RB_Right	23.33	/	/	20.91	/	/	<=30	Pass
		Outer_Full	23.28	/	/	20.86	/	/	<=30	Pass
		Inner_Full	23.27	/	/	20.85	/	/	<=30	Pass
		Inner_1RB_Left	22.76	/	/	20.34	/	/	<=30	Pass
		Inner_1RB_Right	23.41	/	/	20.99	/	/	<=30	Pass
CP-OFDM QPSK	3750	Edge_1RB_Left	23.70	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	24.18	/	/	21.76	/	/	<=30	Pass
		Outer_Full	24.56	/	/	22.14	/	/	<=30	Pass
		Inner_Full	26.19	/	/	23.77	/	/	<=30	Pass
		Inner_1RB_Left	25.76	/	/	23.34	/	/	<=30	Pass
		Inner_1RB_Right	26.27	/	/	23.85	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.75	/	/	21.33	/	/	<=30	Pass
		Edge_1RB_Right	23.90	/	/	21.48	/	/	<=30	Pass
		Outer_Full	24.18	/	/	21.76	/	/	<=30	Pass
		Inner_Full	25.61	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Left	25.86	/	/	23.44	/	/	<=30	Pass
		Inner_1RB_Right	25.92	/	/	23.50	/	/	<=30	Pass
	3930	Edge_1RB_Left	23.84	/	/	21.42	/	/	<=30	Pass

		Edge 1RB Right	24.52	/	/	22.10	/	/	<=30	Pass
		Outer Full	24.79	/	/	22.37	/	/	<=30	Pass
		Inner Full	26.28	/	/	23.86	/	/	<=30	Pass
		Inner 1RB Left	25.83	/	/	23.41	/	/	<=30	Pass
		Inner 1RB Right	26.51	/	/	24.09	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Edge 1RB Left	23.55	/	/	21.13	/	/	<=30	Pass
		Edge 1RB Right	24.11	/	/	21.69	/	/	<=30	Pass
		Outer Full	24.52	/	/	22.10	/	/	<=30	Pass
		Inner Full	25.74	/	/	23.32	/	/	<=30	Pass
		Inner 1RB Left	24.99	/	/	22.57	/	/	<=30	Pass
	3840	Inner 1RB Right	25.62	/	/	23.20	/	/	<=30	Pass
		Edge 1RB Left	23.66	/	/	21.24	/	/	<=30	Pass
		Edge 1RB Right	23.75	/	/	21.33	/	/	<=30	Pass
		Outer Full	24.12	/	/	21.70	/	/	<=30	Pass
		Inner Full	25.14	/	/	22.72	/	/	<=30	Pass
	3930	Inner 1RB Left	25.14	/	/	22.72	/	/	<=30	Pass
		Inner 1RB Right	25.20	/	/	22.78	/	/	<=30	Pass
		Edge 1RB Left	23.71	/	/	21.29	/	/	<=30	Pass
		Edge 1RB Right	24.35	/	/	21.93	/	/	<=30	Pass
		Outer Full	24.80	/	/	22.38	/	/	<=30	Pass
CP-OFDM 64 QAM	3750	Inner Full	25.81	/	/	23.39	/	/	<=30	Pass
		Inner 1RB Left	25.11	/	/	22.69	/	/	<=30	Pass
		Inner 1RB Right	25.64	/	/	23.22	/	/	<=30	Pass
		Edge 1RB Left	23.66	/	/	21.24	/	/	<=30	Pass
		Edge 1RB Right	24.27	/	/	21.85	/	/	<=30	Pass
	3840	Outer Full	24.05	/	/	21.63	/	/	<=30	Pass
		Inner Full	24.29	/	/	21.87	/	/	<=30	Pass
		Inner 1RB Left	23.73	/	/	21.31	/	/	<=30	Pass
		Inner 1RB Right	24.25	/	/	21.83	/	/	<=30	Pass
		Edge 1RB Left	23.71	/	/	21.29	/	/	<=30	Pass
	3930	Edge 1RB Right	23.77	/	/	21.35	/	/	<=30	Pass
		Outer Full	23.67	/	/	21.25	/	/	<=30	Pass
		Inner Full	23.55	/	/	21.13	/	/	<=30	Pass
		Inner 1RB Left	23.70	/	/	21.28	/	/	<=30	Pass
		Inner 1RB Right	23.77	/	/	21.35	/	/	<=30	Pass
CP-OFDM 256 QAM	3750	Edge 1RB Left	23.78	/	/	21.36	/	/	<=30	Pass
		Edge 1RB Right	24.34	/	/	21.92	/	/	<=30	Pass
		Outer Full	24.31	/	/	21.89	/	/	<=30	Pass
		Inner Full	24.30	/	/	21.88	/	/	<=30	Pass
		Inner 1RB Left	23.82	/	/	21.40	/	/	<=30	Pass
	3840	Inner 1RB Right	24.44	/	/	22.02	/	/	<=30	Pass
		Edge 1RB Left	20.62	/	/	18.20	/	/	<=30	Pass
		Edge 1RB Right	21.27	/	/	18.85	/	/	<=30	Pass
		Outer Full	21.04	/	/	18.62	/	/	<=30	Pass
		Inner Full	21.16	/	/	18.74	/	/	<=30	Pass
	3930	Inner 1RB Left	20.62	/	/	18.20	/	/	<=30	Pass
		Inner 1RB Right	21.26	/	/	18.84	/	/	<=30	Pass
		Edge 1RB Left	20.72	/	/	18.30	/	/	<=30	Pass
		Edge 1RB Right	20.83	/	/	18.41	/	/	<=30	Pass
		Outer Full	20.62	/	/	18.20	/	/	<=30	Pass
CP-OFDM 256 QAM	3840	Inner Full	20.53	/	/	18.11	/	/	<=30	Pass
		Inner 1RB Left	20.70	/	/	18.28	/	/	<=30	Pass
		Inner 1RB Right	20.83	/	/	18.41	/	/	<=30	Pass
		Edge 1RB Left	20.73	/	/	18.31	/	/	<=30	Pass
		Edge 1RB Right	21.52	/	/	19.10	/	/	<=30	Pass
	3930	Outer Full	21.28	/	/	18.86	/	/	<=30	Pass
		Inner Full	21.30	/	/	18.88	/	/	<=30	Pass
		Inner 1RB Left	20.82	/	/	18.40	/	/	<=30	Pass
		Inner 1RB Right	21.45	/	/	19.03	/	/	<=30	Pass

Note1: Antenna Gain: Ant2: -2.42dBi;
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	8.40	0.0022	>=-2.5 & <=2.5	Pass
				HV	18.30	0.0048	>=-2.5 & <=2.5	Pass
			-30	NV	13.50	0.0035	>=-2.5 & <=2.5	Pass
			-20	NV	20.40	0.0053	>=-2.5 & <=2.5	Pass
			-10	NV	16.90	0.0044	>=-2.5 & <=2.5	Pass
			0	NV	12.80	0.0033	>=-2.5 & <=2.5	Pass
			10	NV	20.70	0.0054	>=-2.5 & <=2.5	Pass
			20	NV	-6.60	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	12.50	0.0033	>=-2.5 & <=2.5	Pass
			40	NV	10.10	0.0026	>=-2.5 & <=2.5	Pass
			50	NV	10.60	0.0028	>=-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	8.68	10.08	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	8.69	10.04	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	8.71	9.69	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	8.70	9.90	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	8.72	9.50	/	Pass
CP-OFDM QPSK	3840	Outer_Full	8.69	10.05	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	8.69	10.03	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	8.74	9.44	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	8.67	9.39	/	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	18.03	19.26	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	18.11	19.23	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	18.10	19.68	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	18.12	19.99	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	18.10	20.13	/	Pass
CP-OFDM QPSK	3840	Outer_Full	18.39	20.53	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	18.37	20.10	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	18.45	19.87	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	18.42	20.19	/	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	27.12	28.97	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	27.11	28.90	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	27.14	29.03	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	27.13	29.08	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	27.28	28.93	/	Pass
CP-OFDM QPSK	3840	Outer_Full	28.29	29.65	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	28.05	29.95	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	28.13	29.88	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	27.88	29.86	/	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	38.73	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	36.00	38.54	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	36.12	38.85	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	36.07	38.31	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	36.09	38.70	/	Pass
CP-OFDM QPSK	3840	Outer_Full	38.21	40.74	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	38.03	40.56	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	38.07	40.94	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	38.24	40.66	/	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	46.10	49.29	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	46.05	49.27	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	46.21	49.09	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	46.24	49.06	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	45.76	48.97	/	Pass
CP-OFDM QPSK	3840	Outer_Full	47.80	51.02	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	48.11	50.78	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	47.88	53.18	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	47.63	51.04	/	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	58.62	62.10	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	58.15	62.39	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	58.37	61.98	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	58.16	62.27	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	58.26	62.08	/	Pass
CP-OFDM QPSK	3840	Outer_Full	58.14	62.06	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	58.27	62.10	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	58.49	62.12	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	58.23	61.94	/	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	64.75	68.89	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	64.88	69.34	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	64.87	69.18	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	65.34	69.32	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	64.47	69.31	/	Pass
CP-OFDM QPSK	3840	Outer_Full	67.81	72.93	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	68.29	72.85	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	68.03	72.45	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	67.97	72.35	/	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	78.06	82.66	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	77.80	82.70	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	77.90	82.73	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	77.26	82.59	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	77.68	82.37	/	Pass
CP-OFDM QPSK	3840	Outer_Full	78.12	83.10	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	78.10	83.01	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	78.13	83.34	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	78.17	82.96	/	Pass

3.1.9 30_S_90M_NTNV

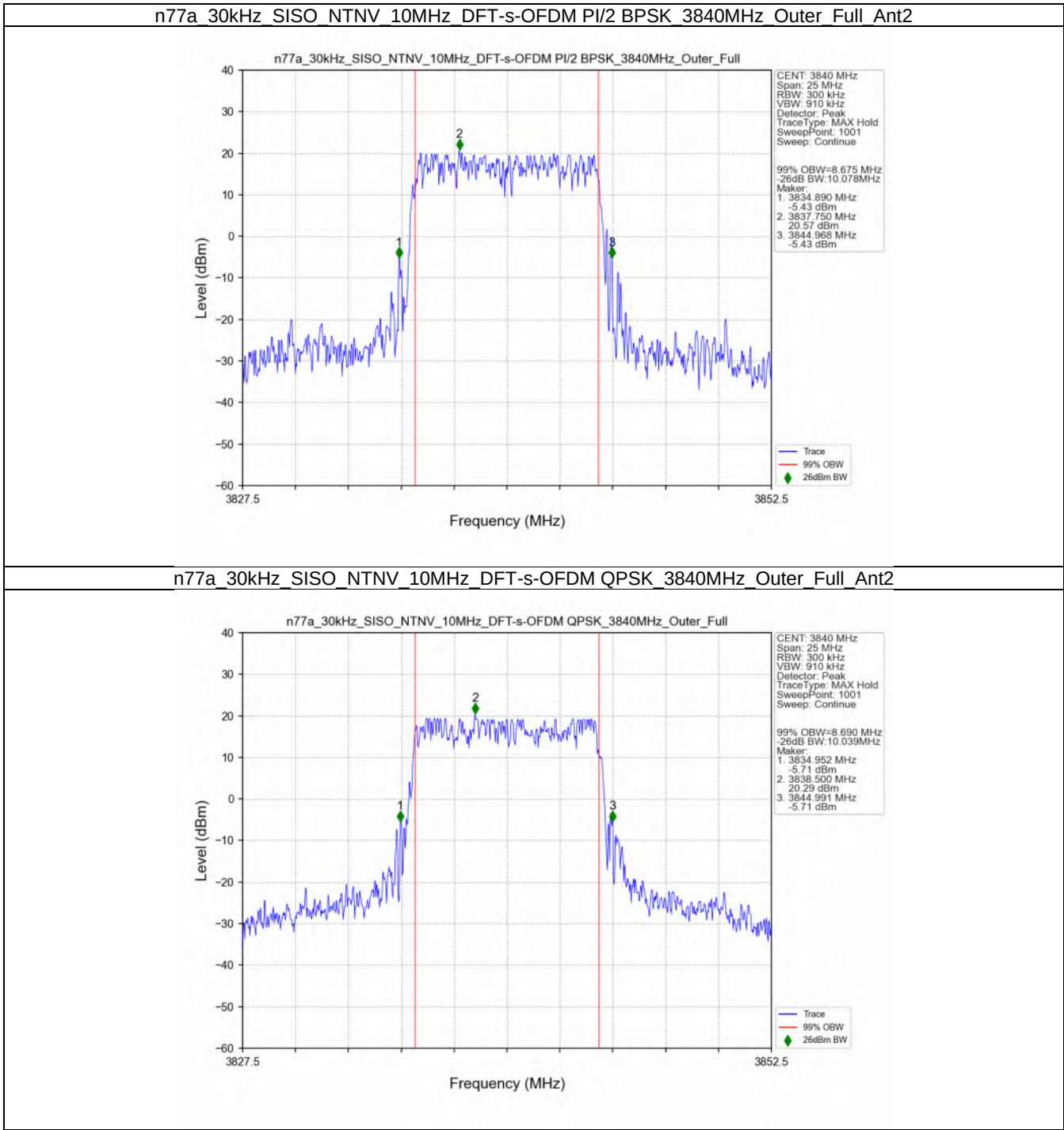
5G NR n77a SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	87.32	93.20	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	87.42	93.00	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	87.77	93.05	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	87.44	93.06	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	87.42	93.21	/	Pass
CP-OFDM QPSK	3840	Outer_Full	88.08	93.93	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	87.64	93.53	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	88.41	94.05	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	87.90	93.92	/	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	96.93	103.48	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	96.97	103.27	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	97.47	103.53	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	97.13	103.26	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	97.47	103.54	/	Pass
CP-OFDM QPSK	3840	Outer_Full	98.21	104.64	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	98.84	104.49	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	98.00	104.55	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	98.00	104.38	/	Pass

3.2 Test Graph

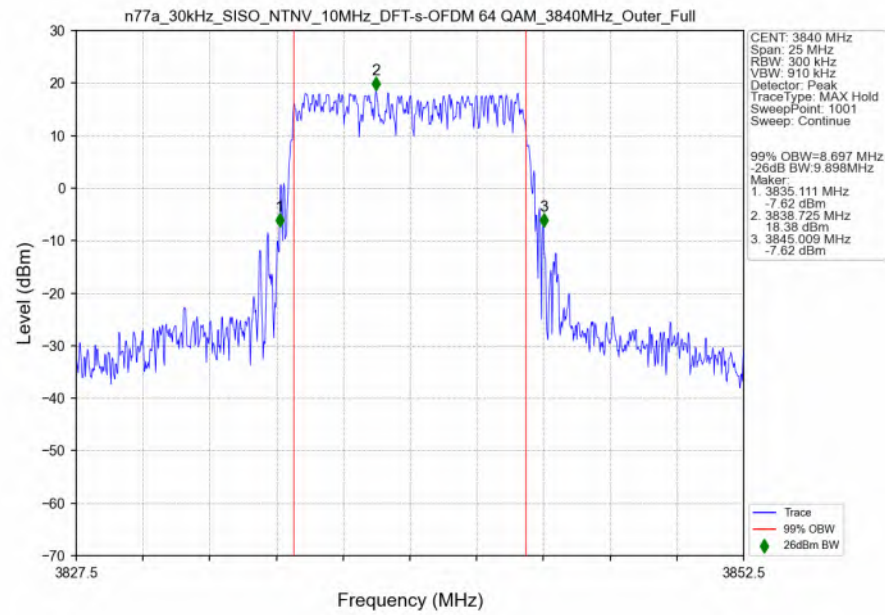
3.2.1 30_S_10M_NTNV



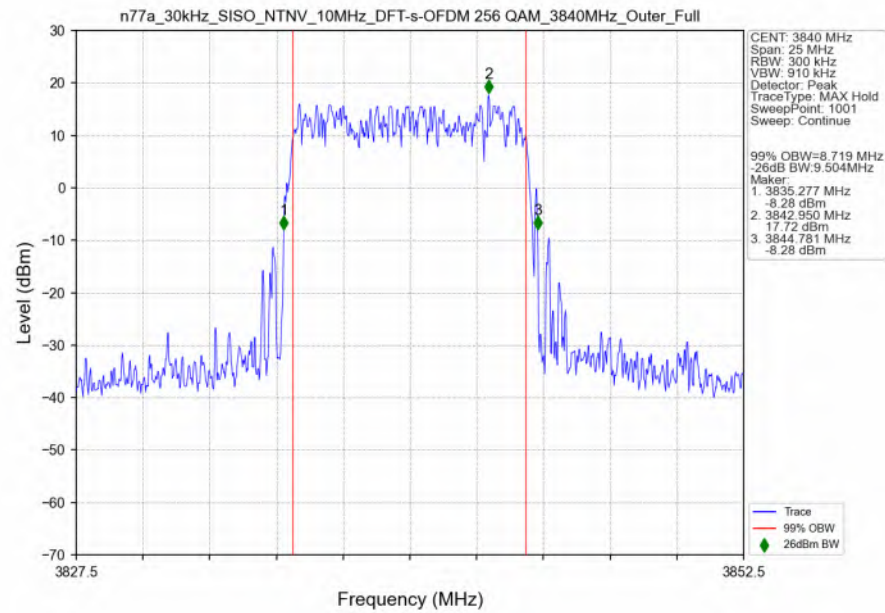
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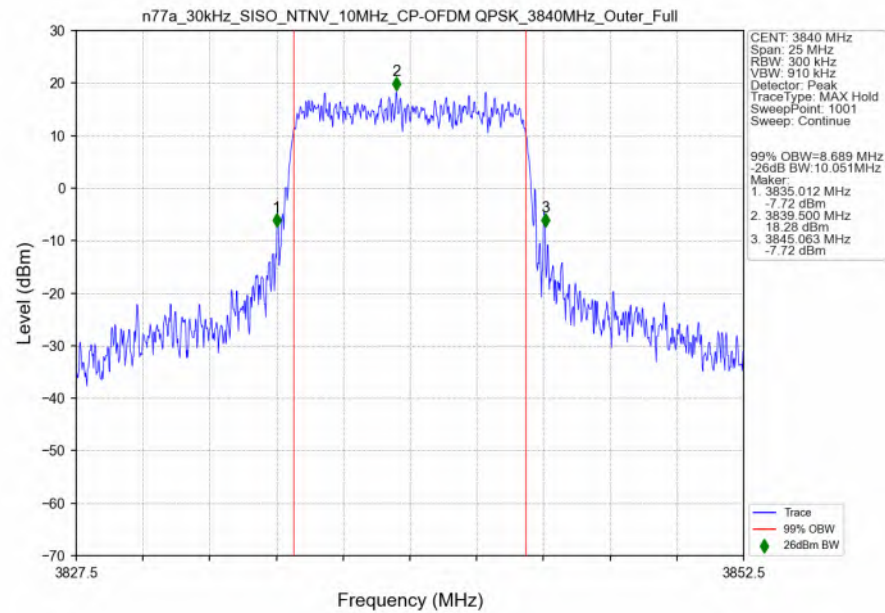
n77a 30kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant2



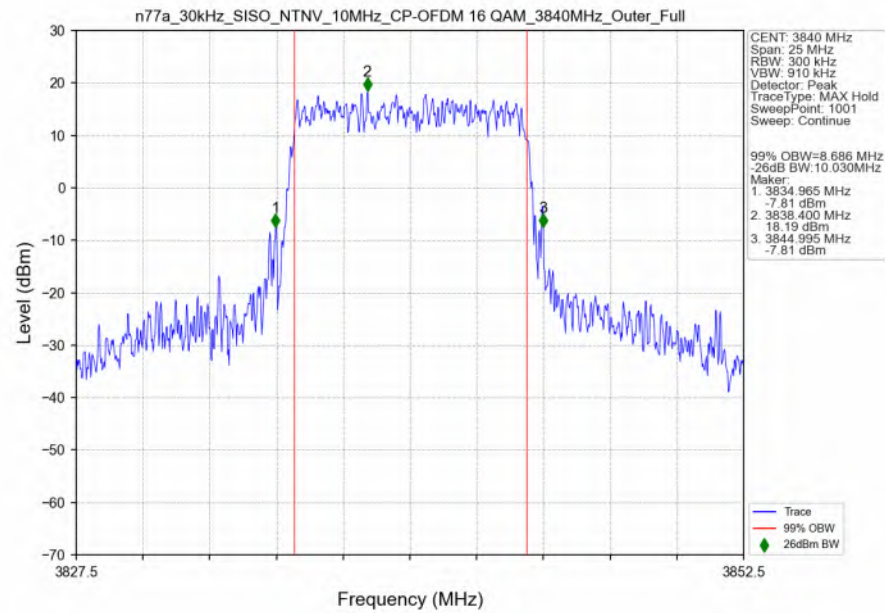
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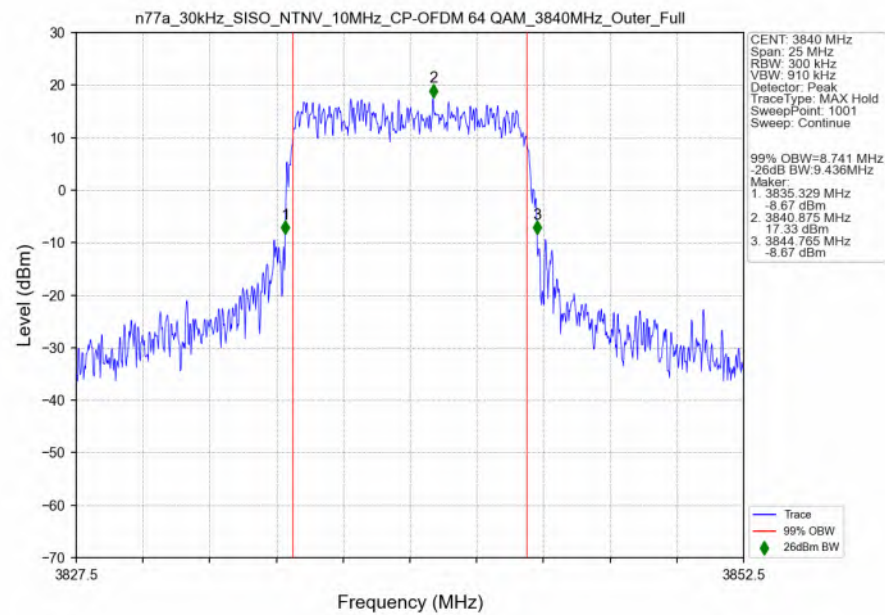
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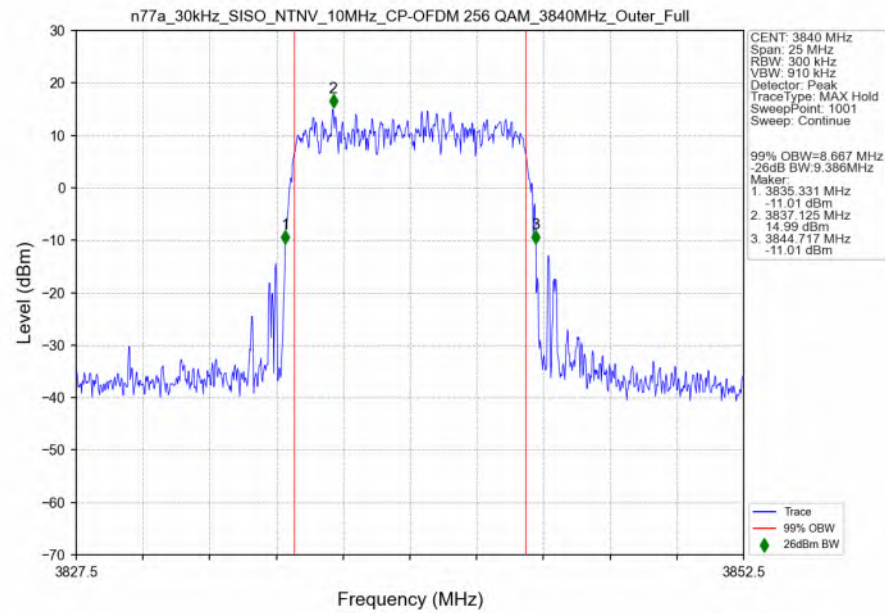
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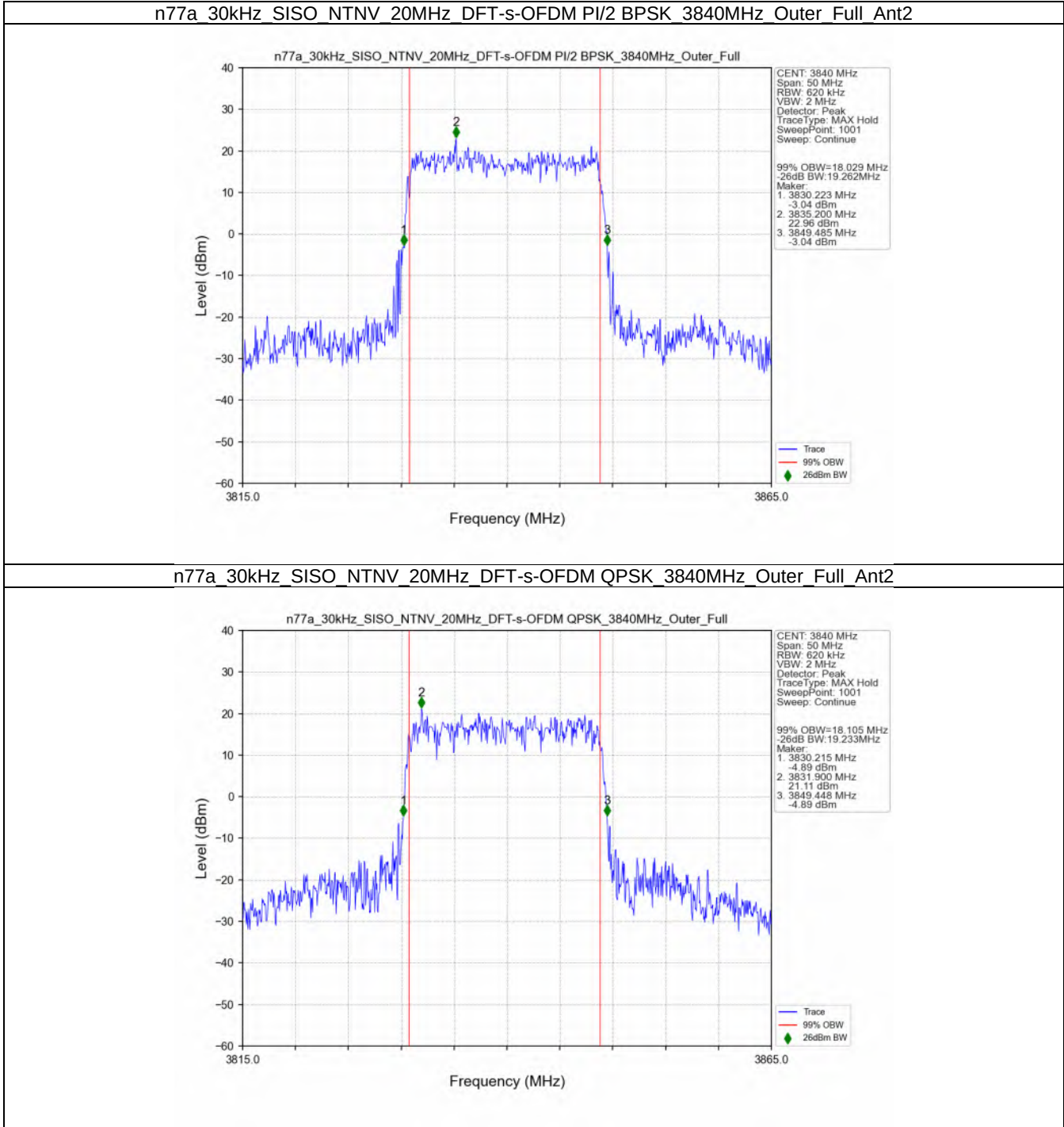
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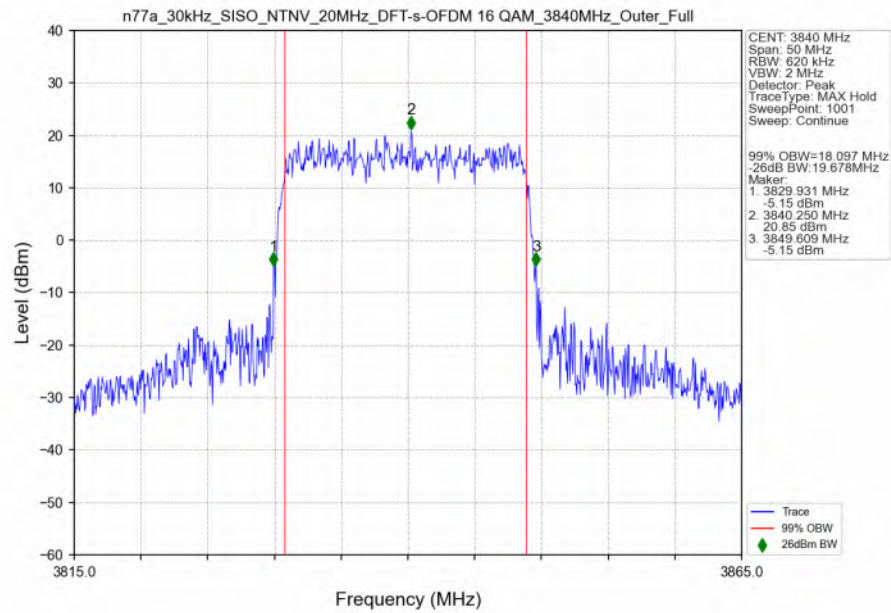
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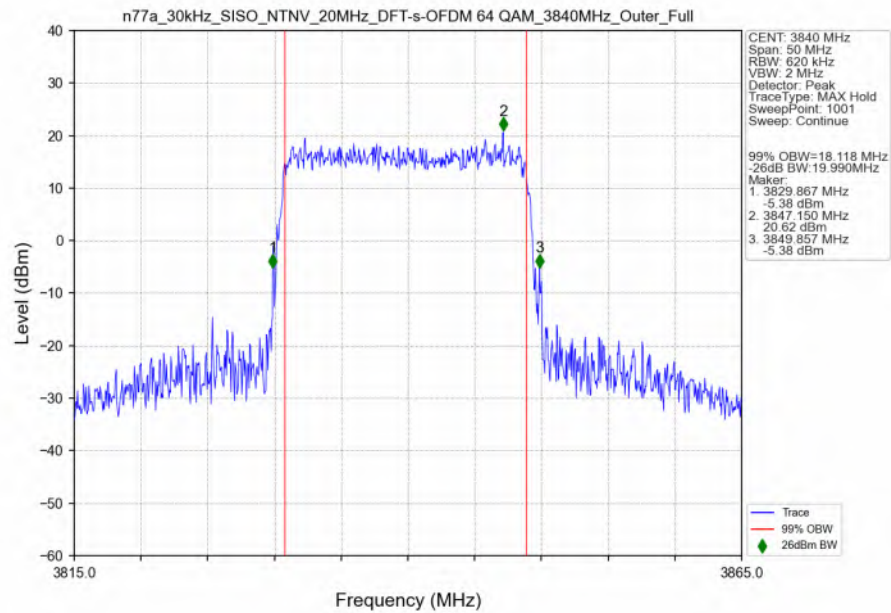
3.2.2 30_S_20M_NTNV



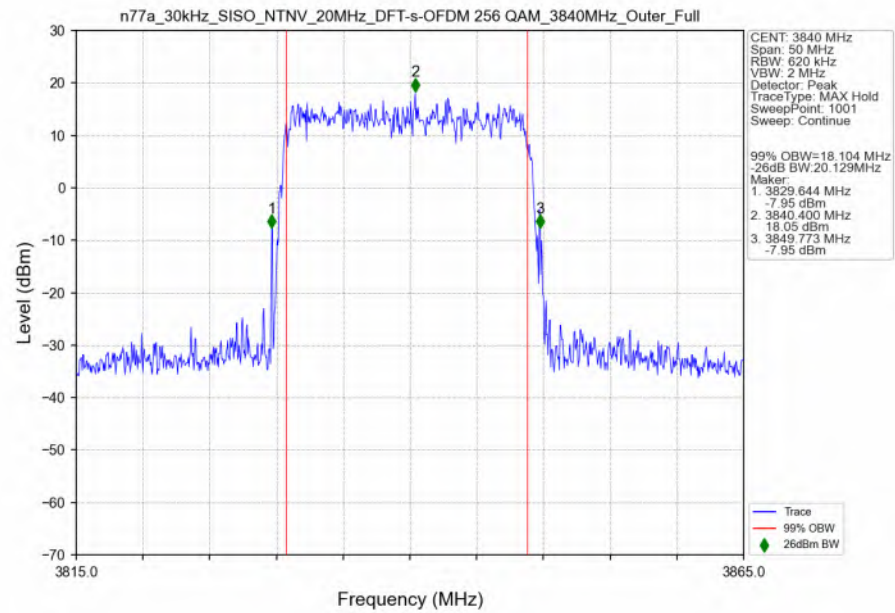
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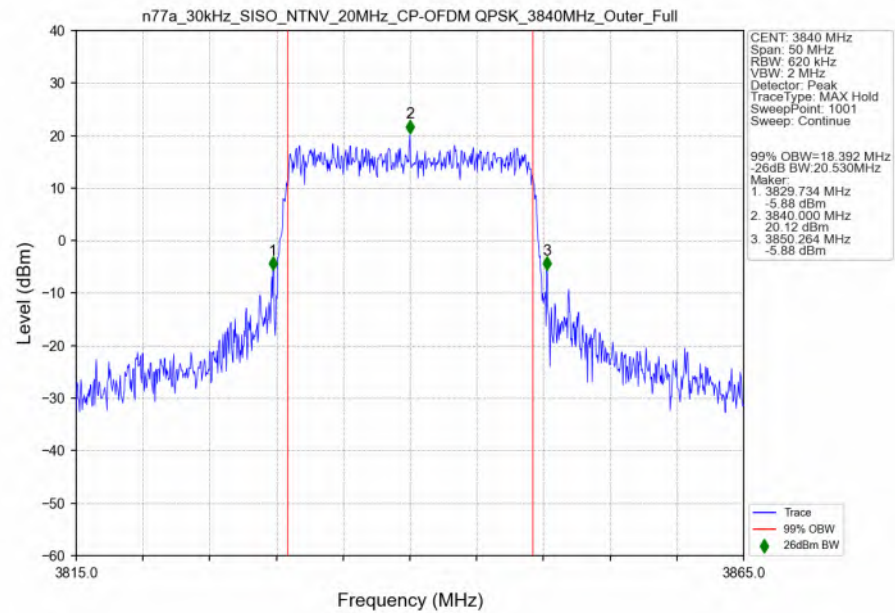
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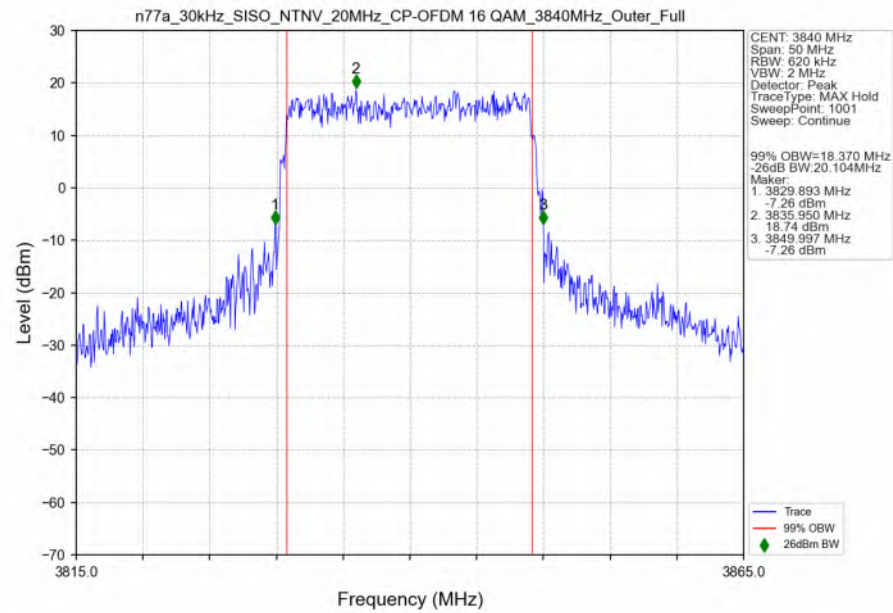
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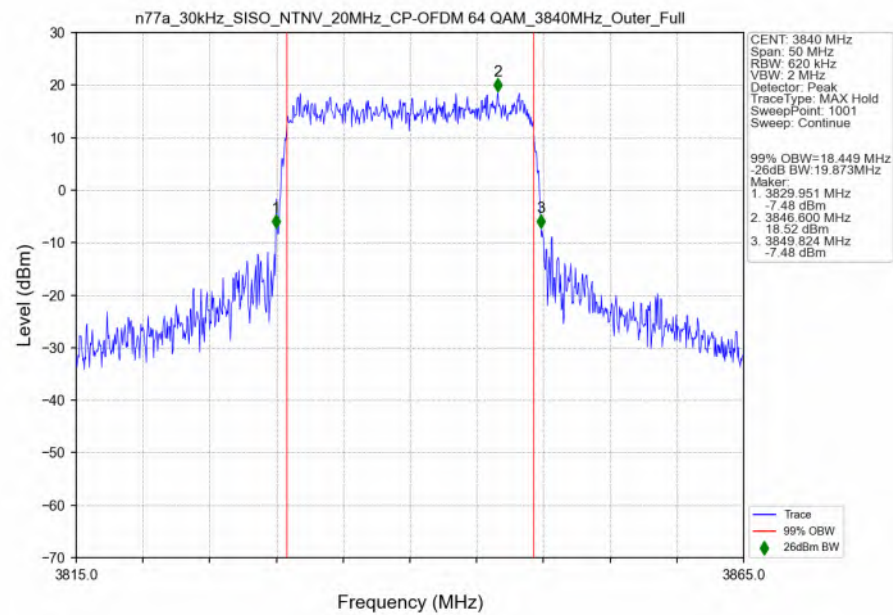
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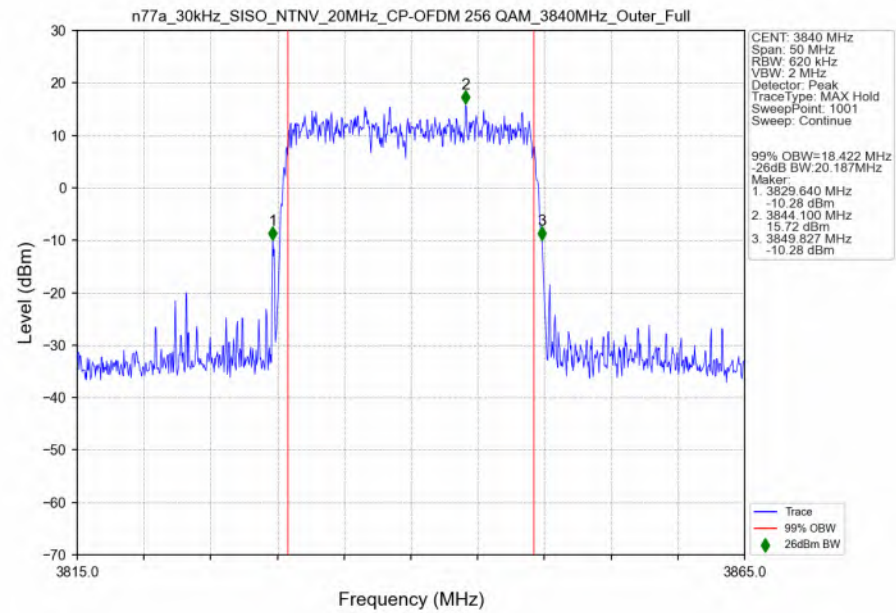
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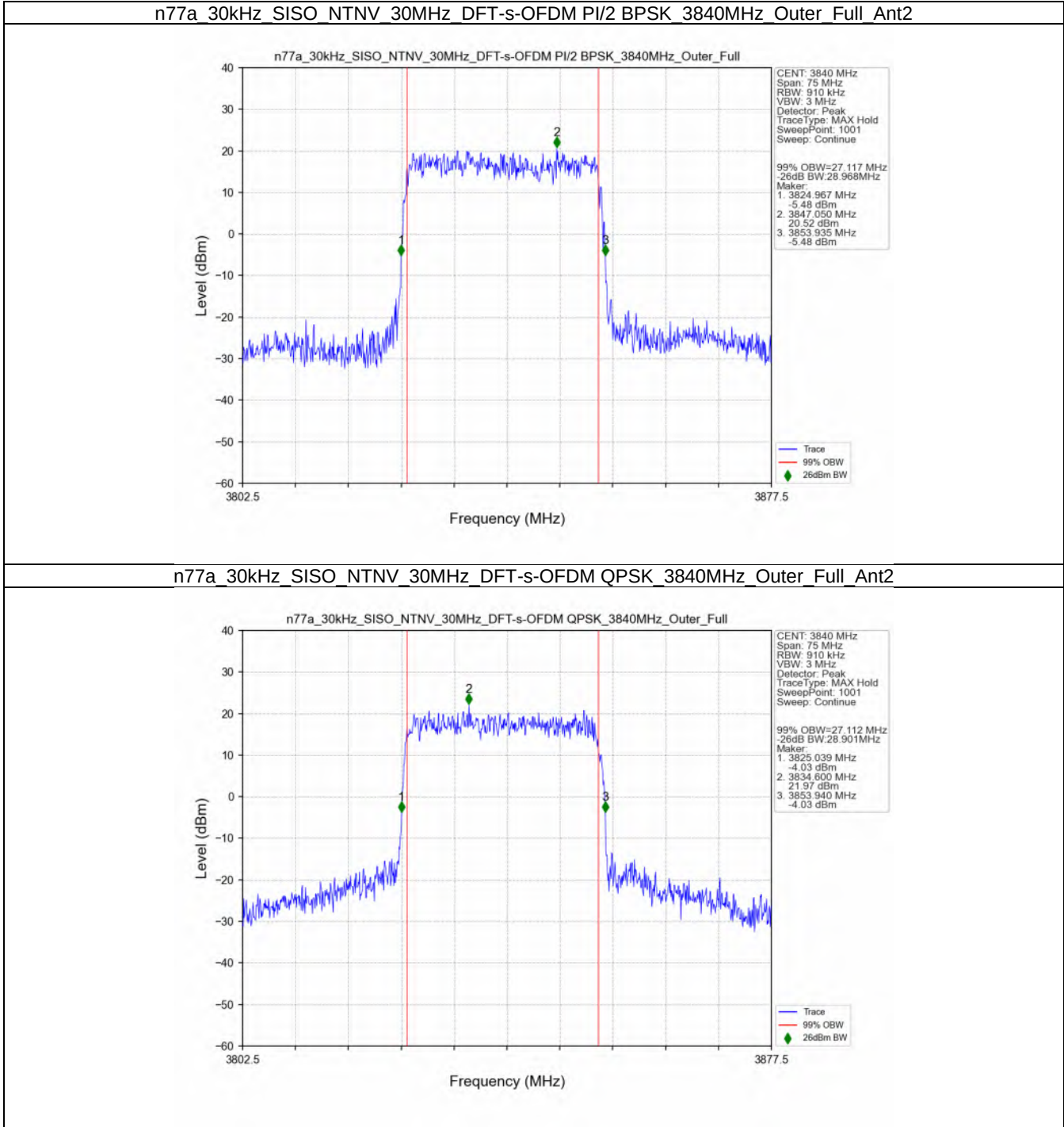
n77a 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant2



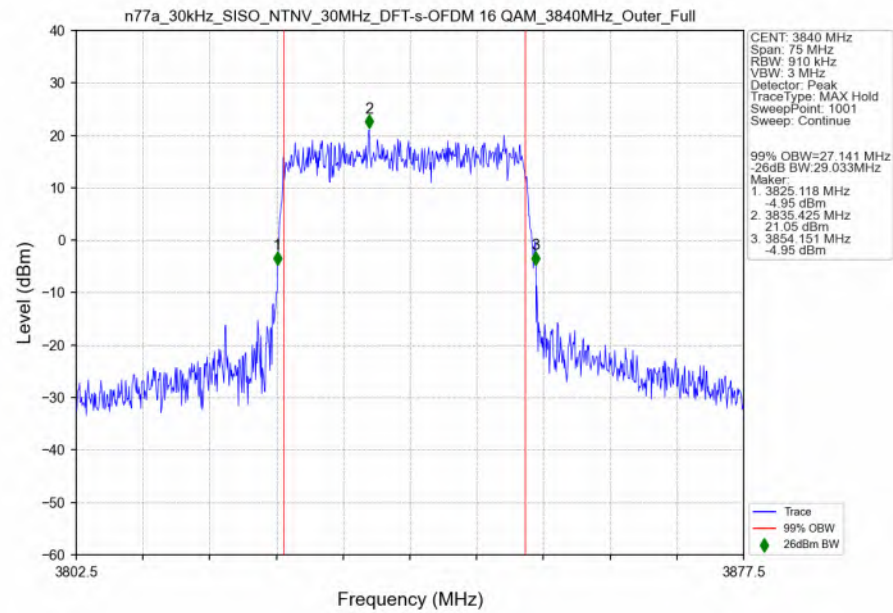
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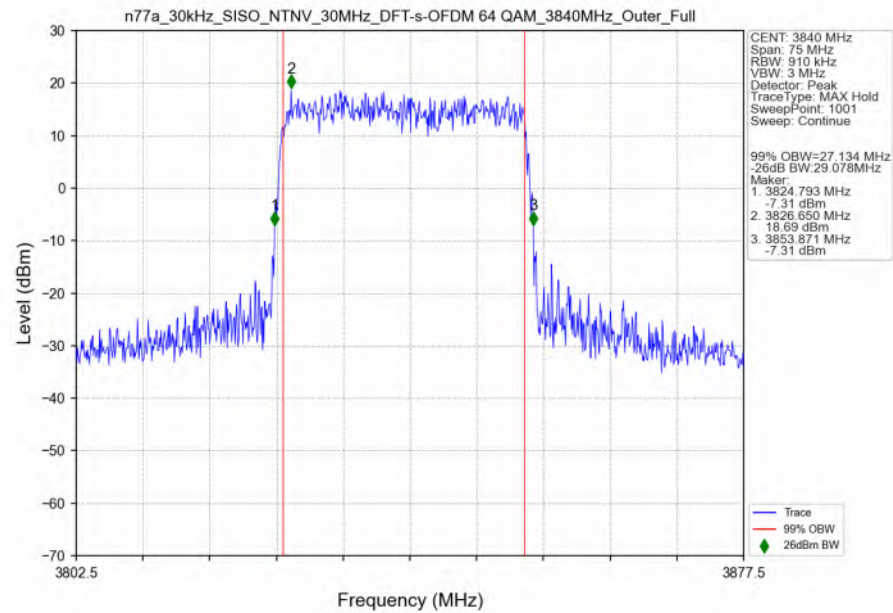
3.2.3 30_S_30M_NTNV



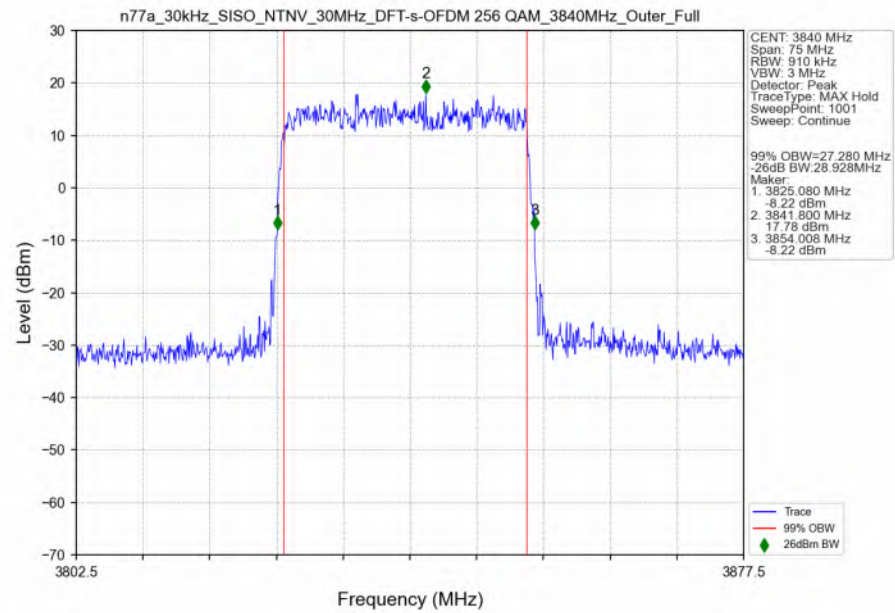
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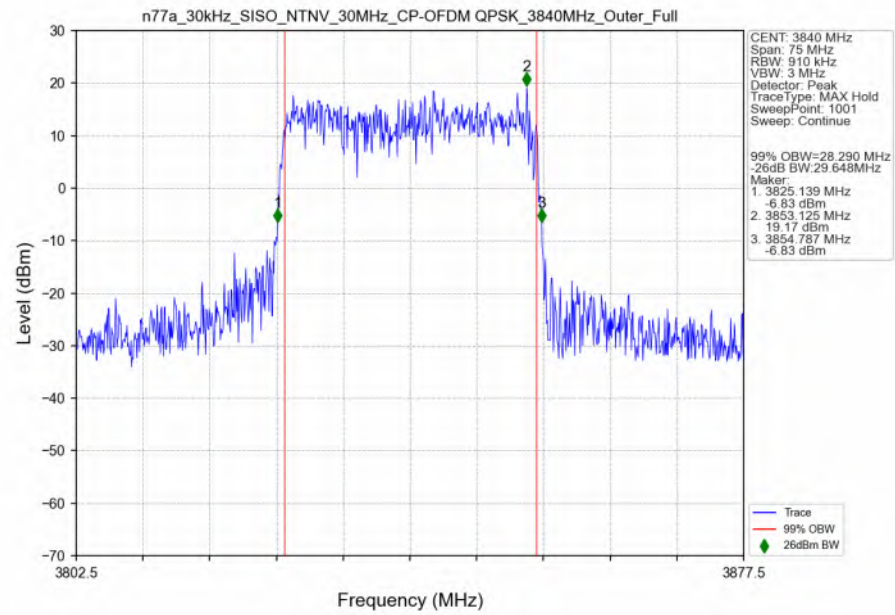
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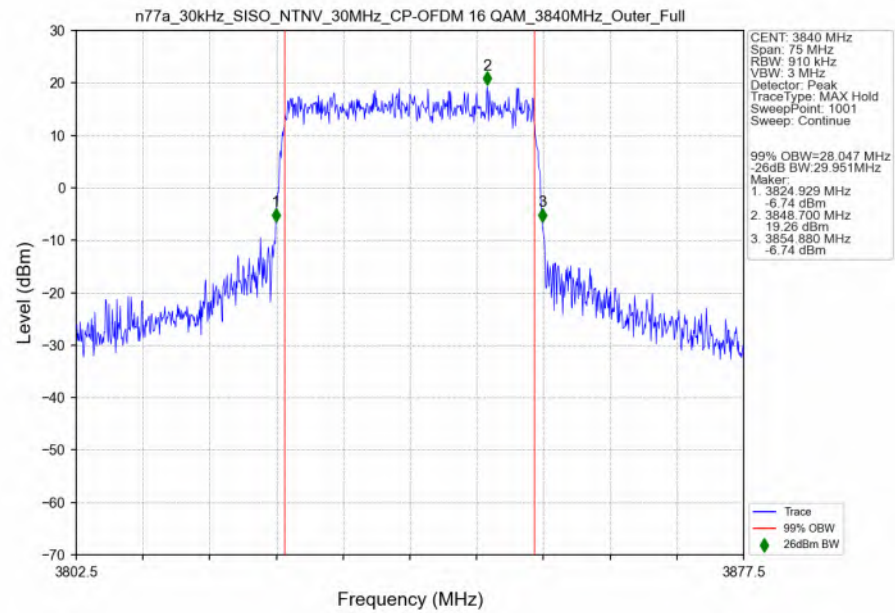
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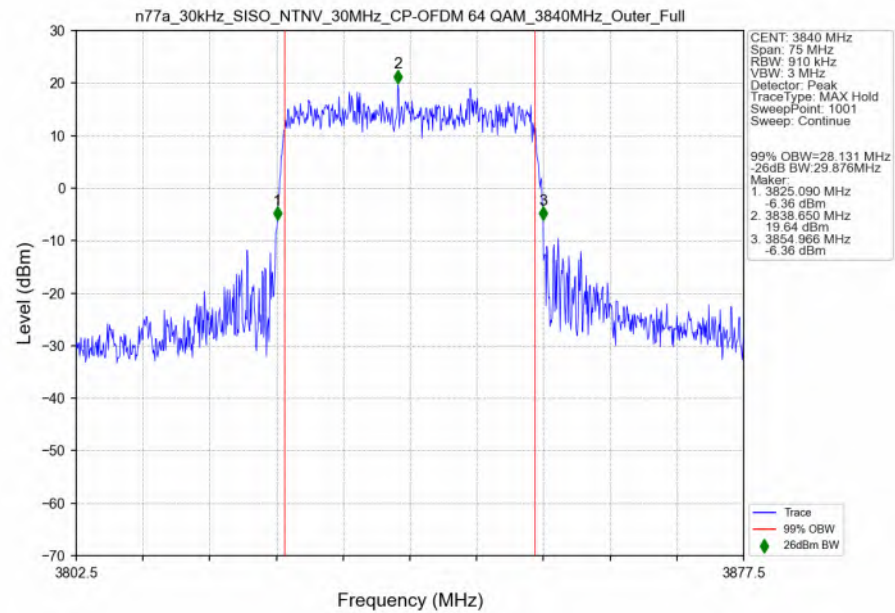
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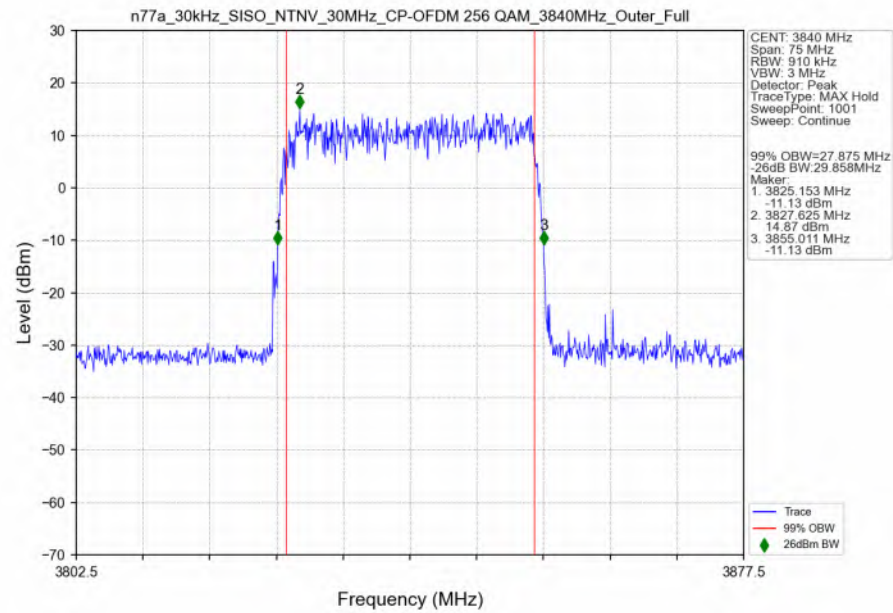
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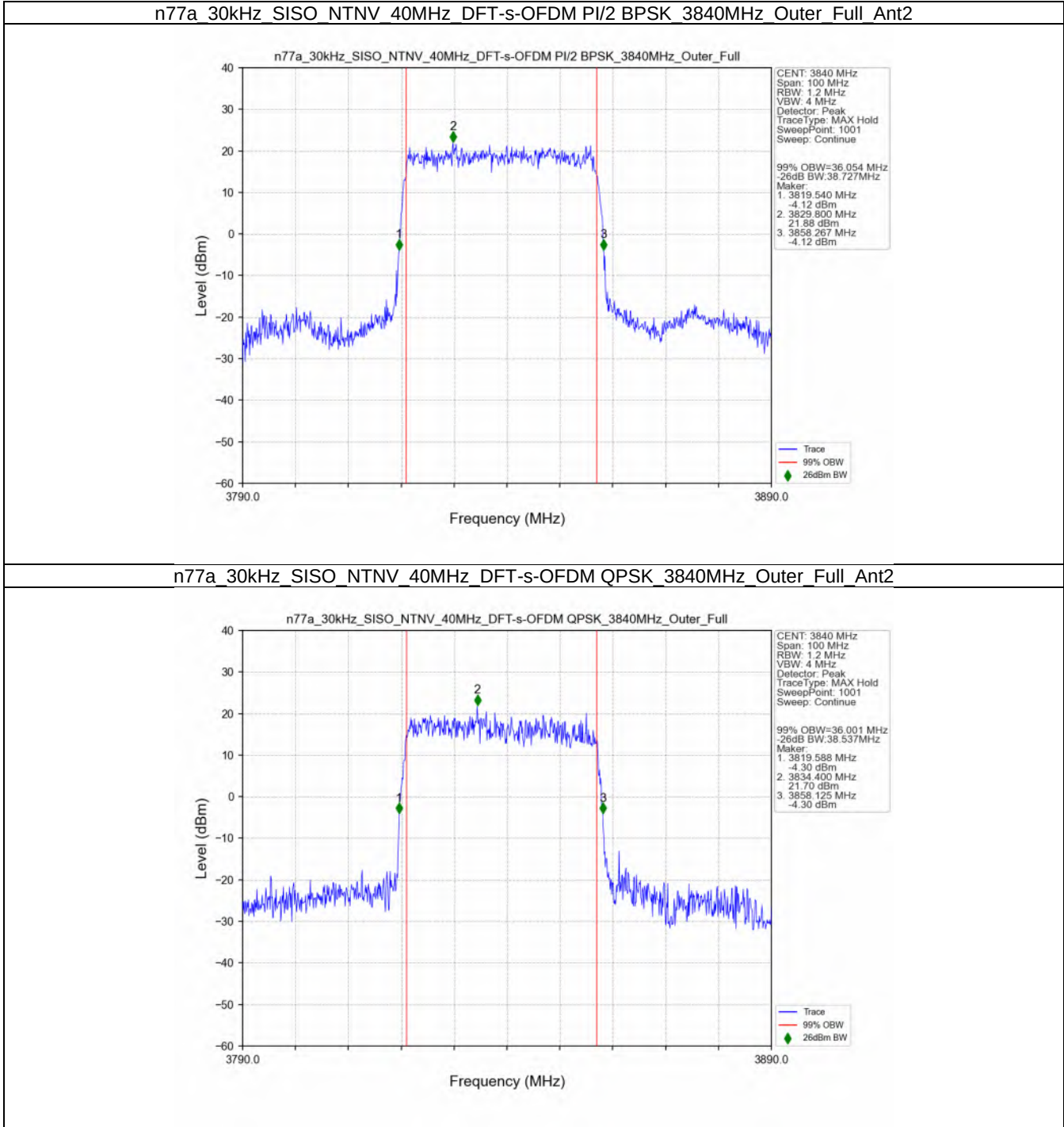
n77a 30kHz SISO NTN 30MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant2



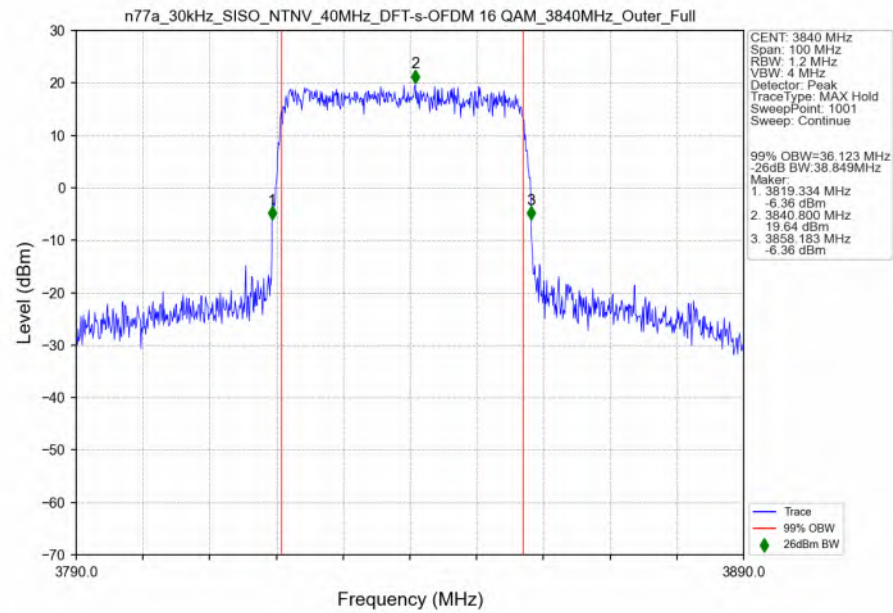
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant2



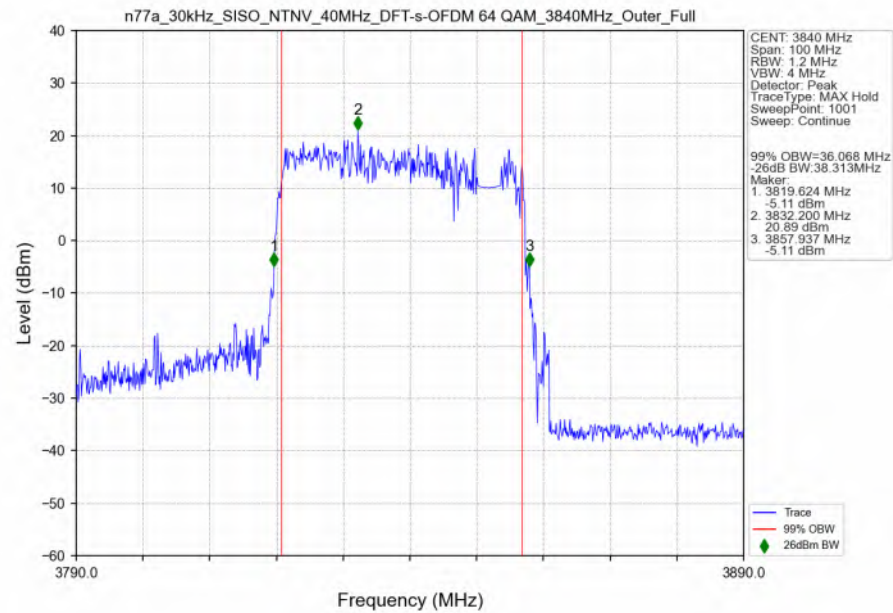
3.2.4 30_S_40M_NTNV



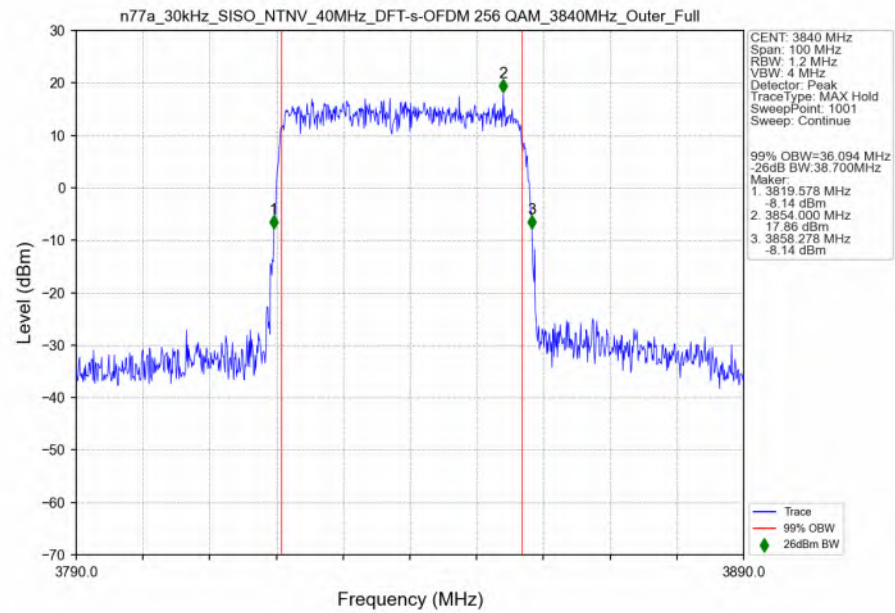
n77a 30kHz SISO NTV 40MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant2



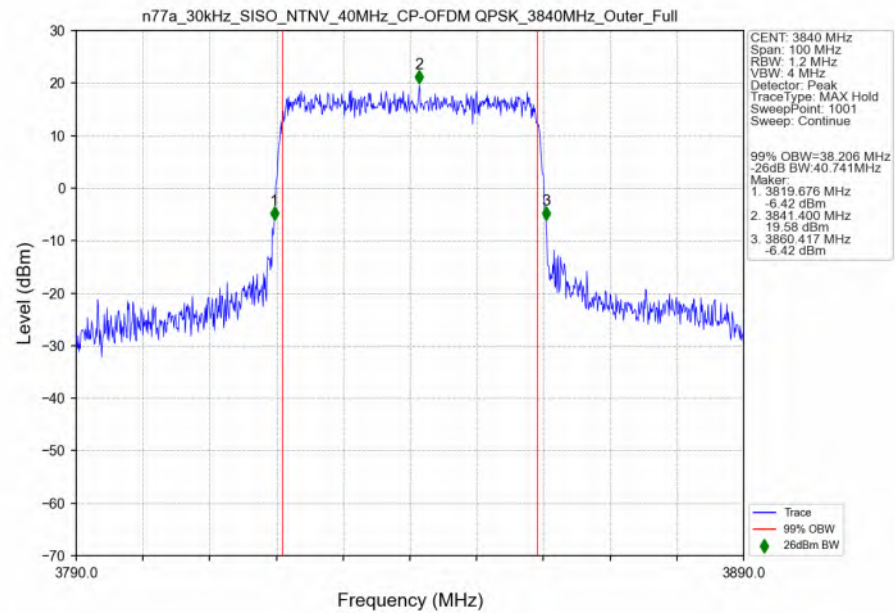
n77a 30kHz SISO NTV 40MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant2



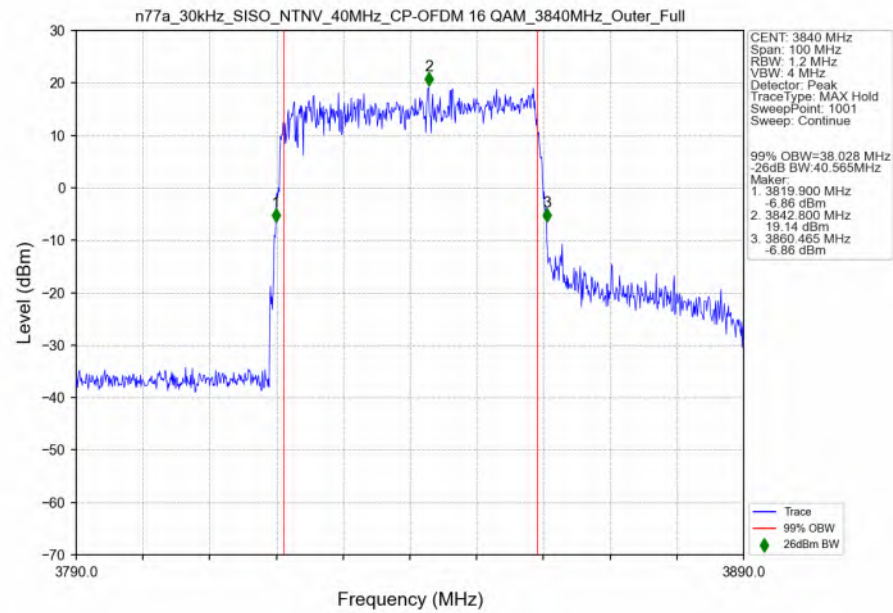
n77a 30kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant2



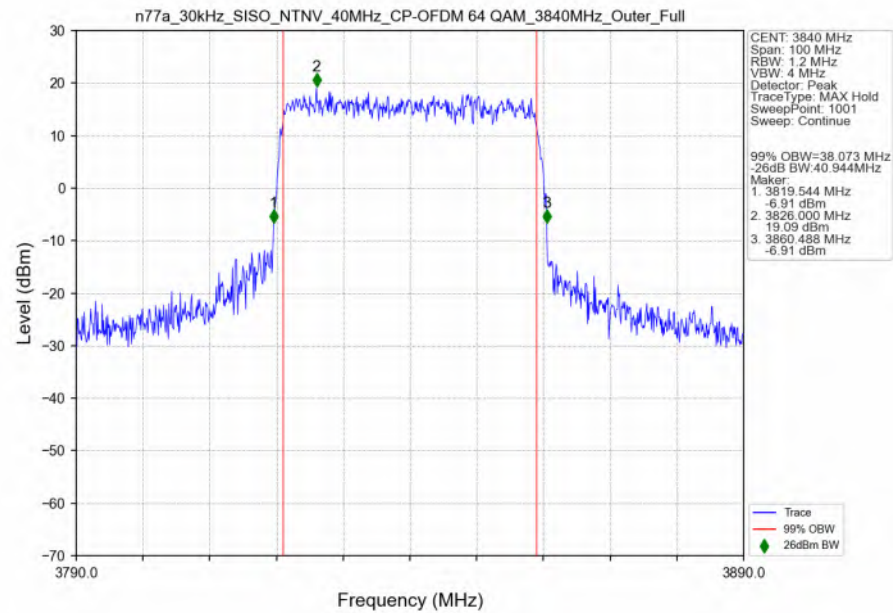
n77a 30kHz SISO NTN 40MHz CP-OFDM QPSK 3840MHz Outer Full Ant2



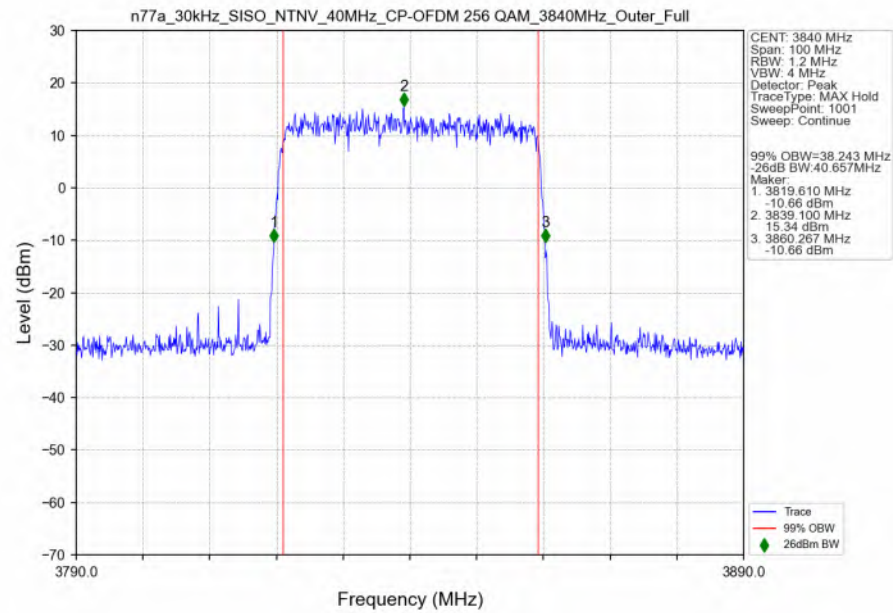
n77a 30kHz SISO NTN 40MHz CP-OFDM 16 QAM 3840MHz Outer Full Ant2



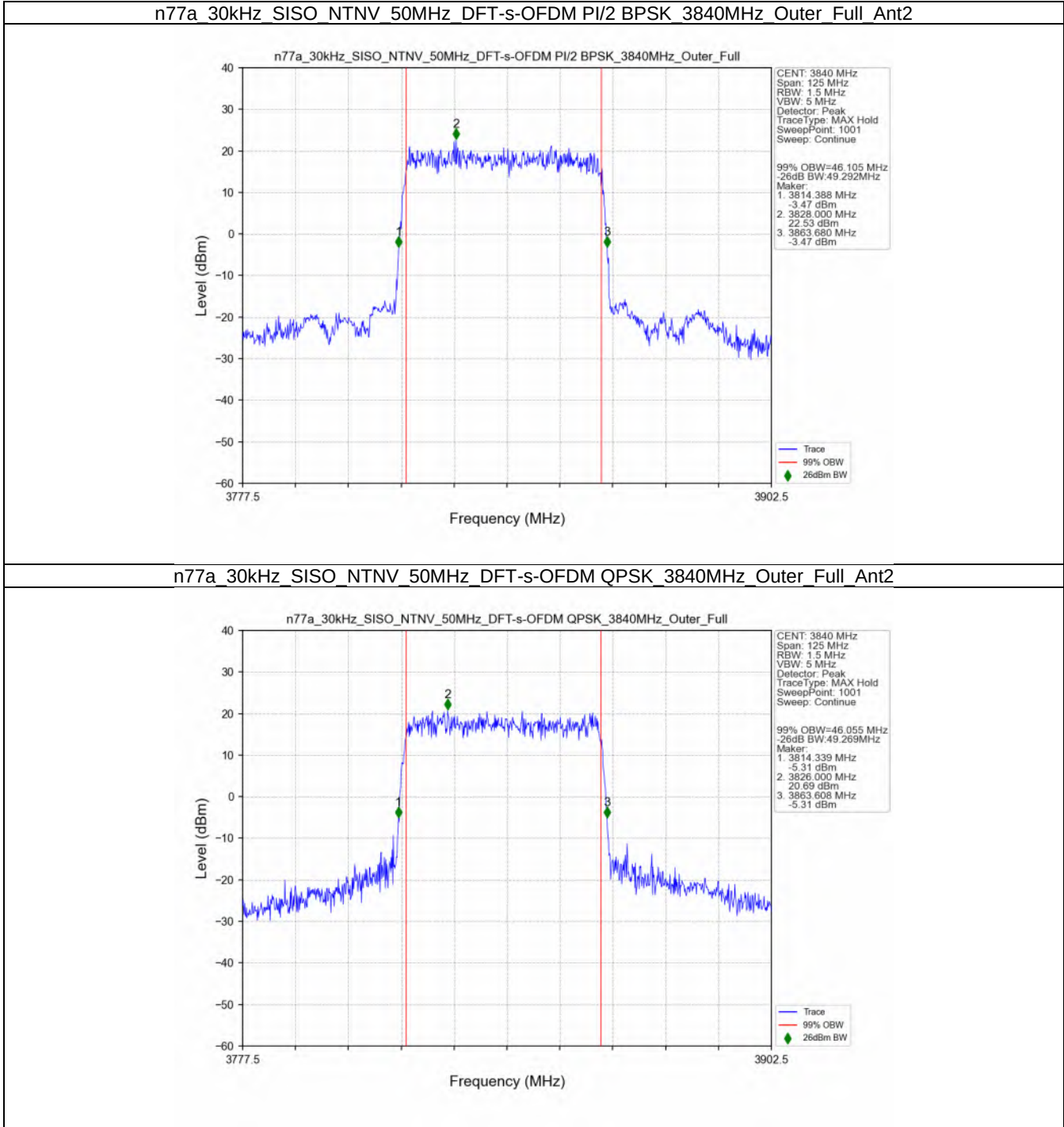
n77a 30kHz SISO NTN 40MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant2



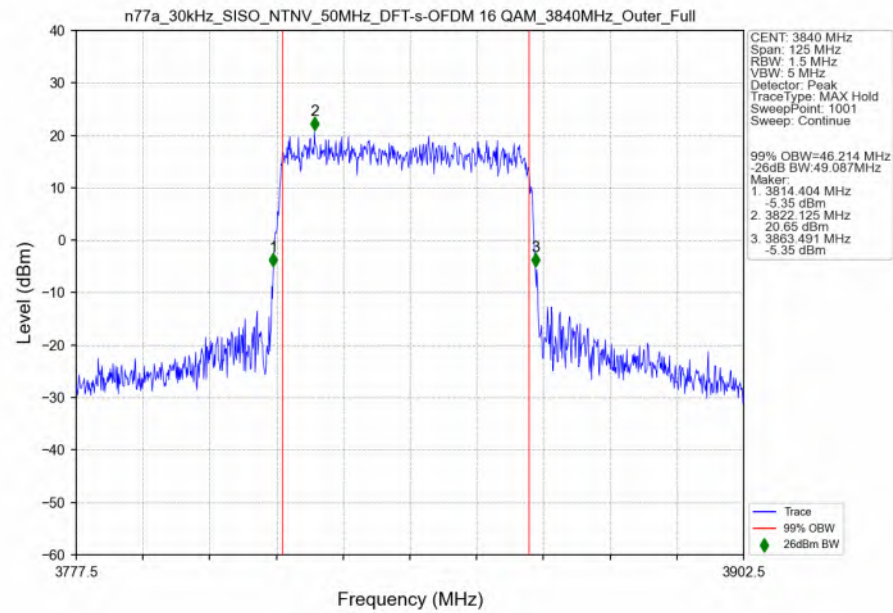
n77a 30kHz SISO NTN 40MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant2



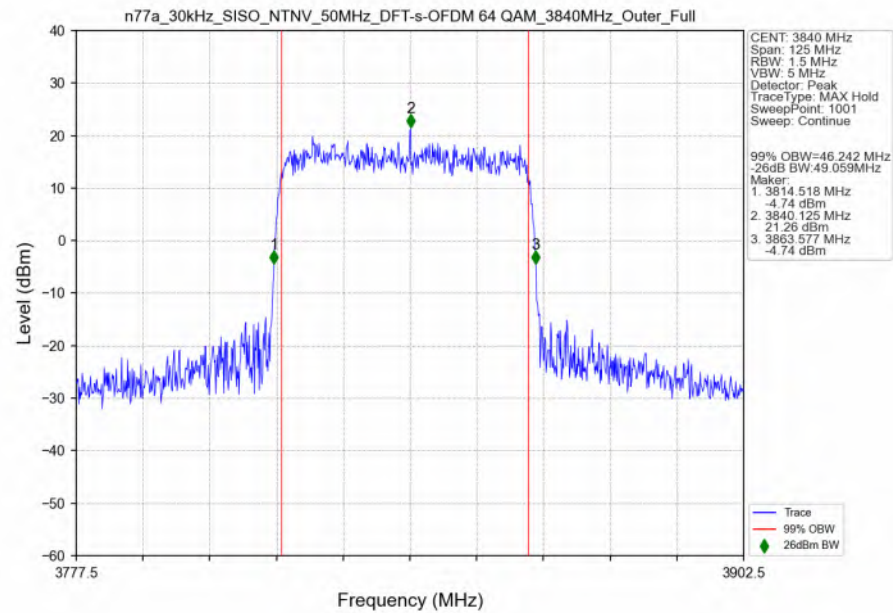
3.2.5 30_S_50M_NTNV



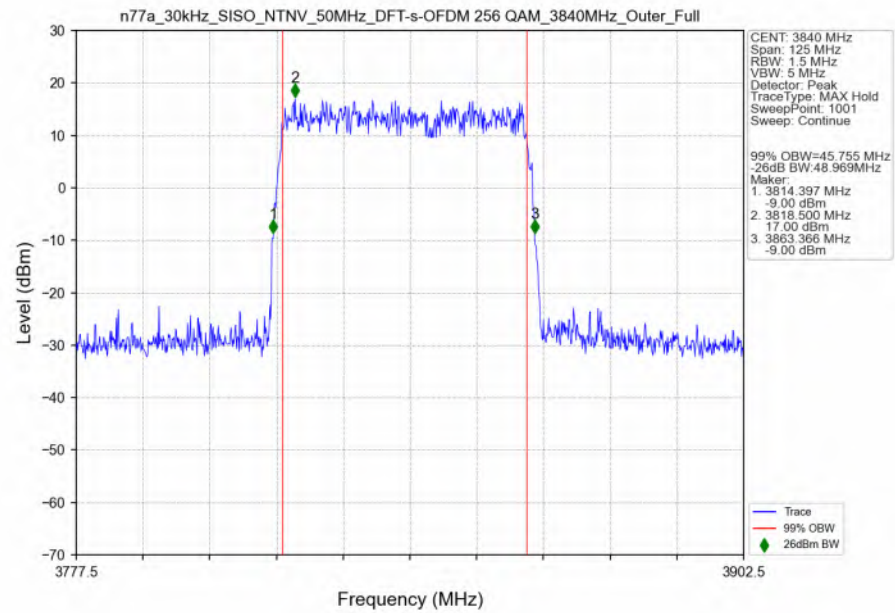
n77a 30kHz SISO NTN 50MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant2



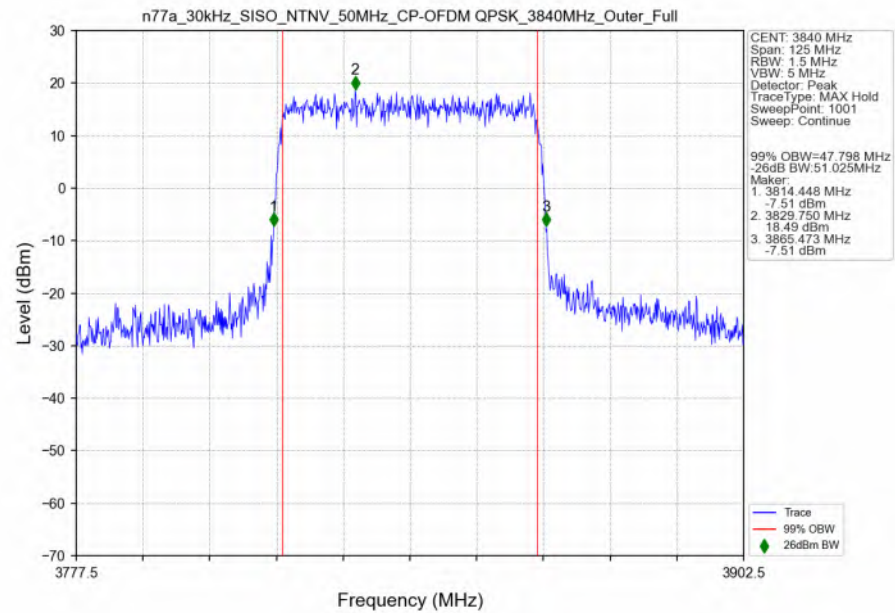
n77a 30kHz SISO NTN 50MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant2



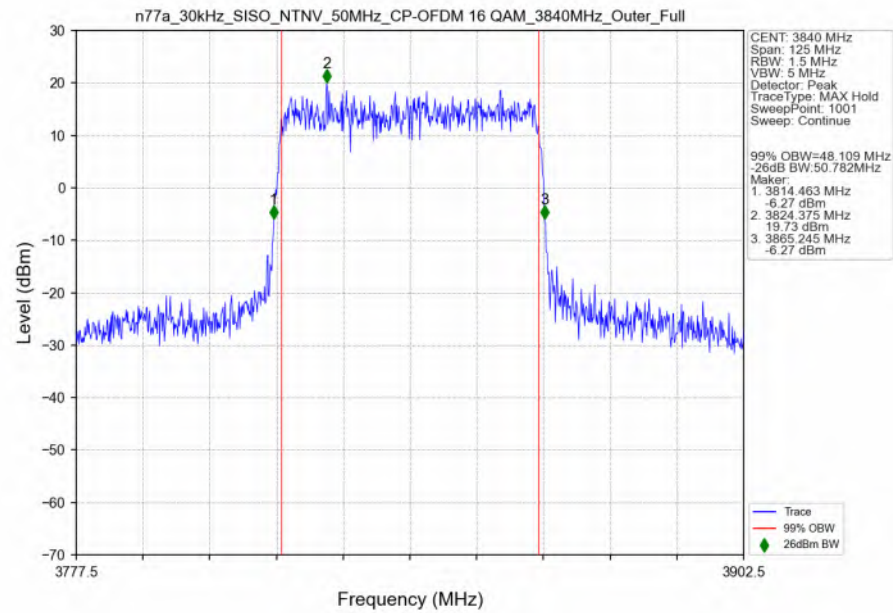
n77a 30kHz SISO NTN 50MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant2



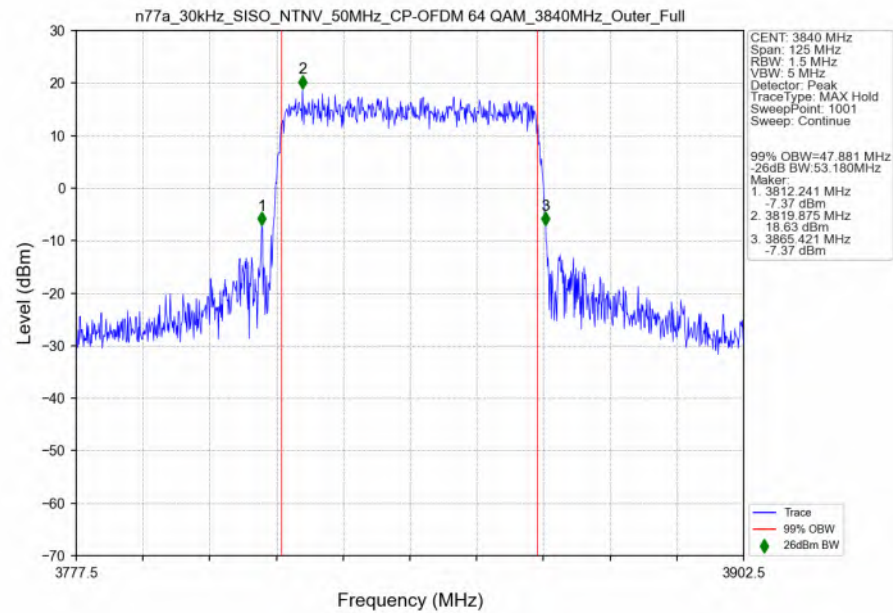
n77a 30kHz SISO NTN 50MHz CP-OFDM QPSK 3840MHz Outer Full Ant2



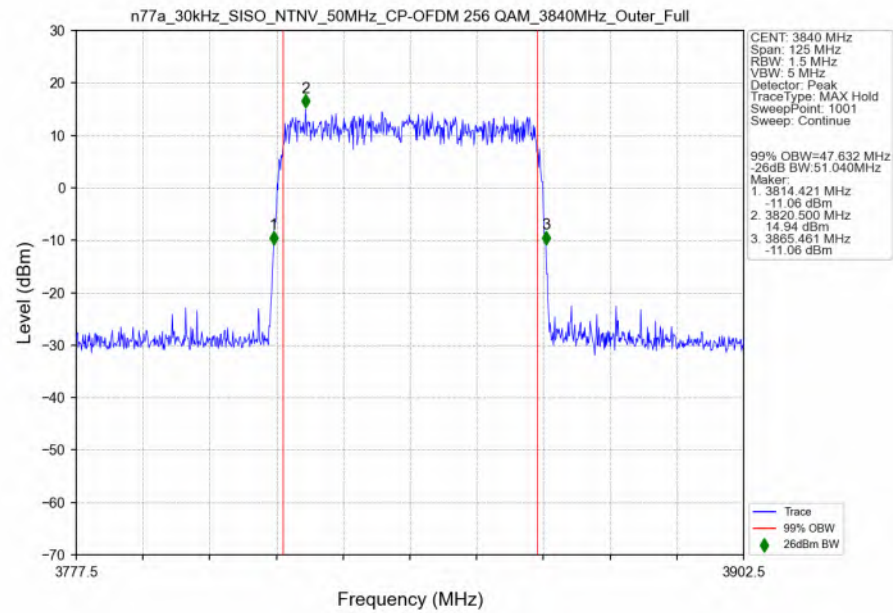
n77a 30kHz SISO NTN 50MHz CP-OFDM 16 QAM 3840MHz Outer Full Ant2



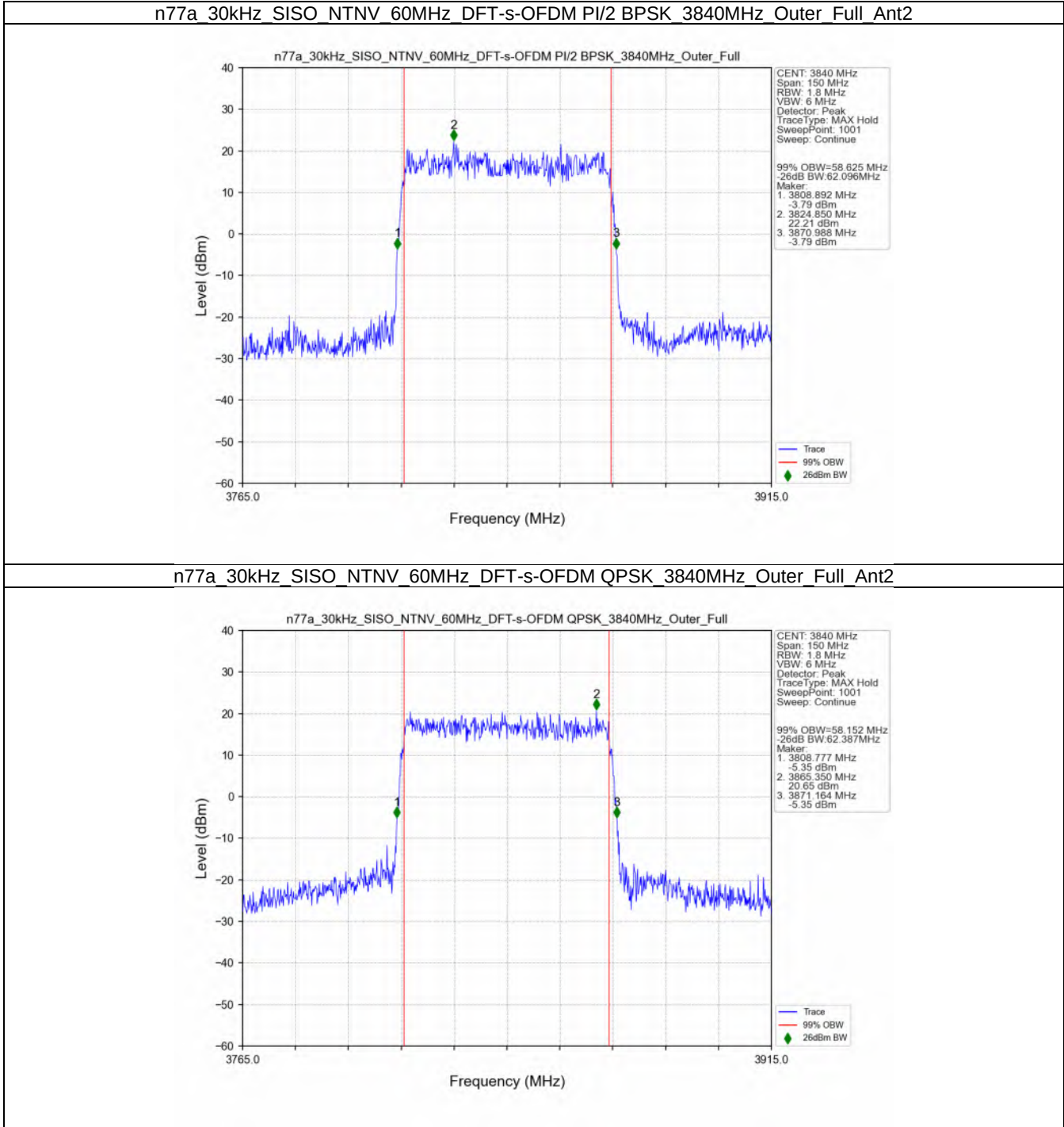
n77a 30kHz SISO NTN 50MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant2



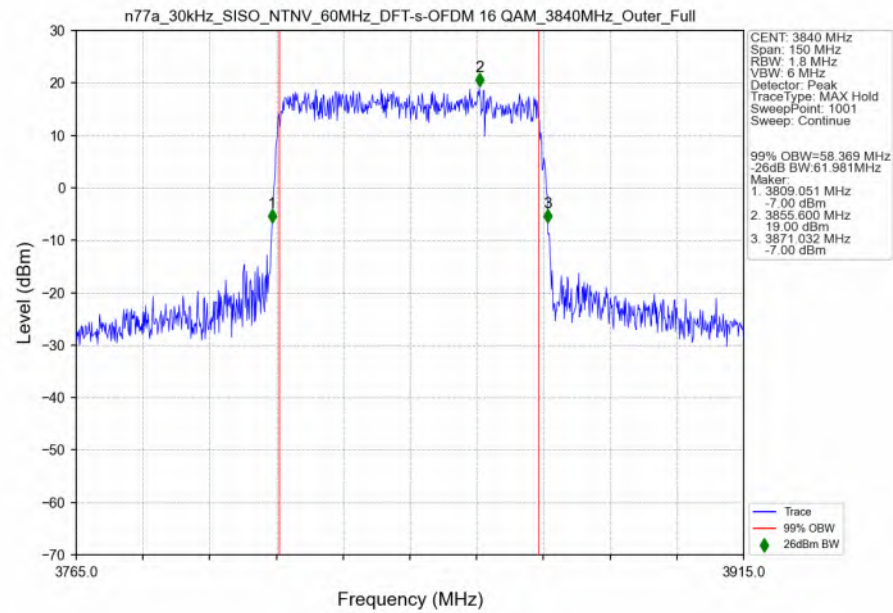
n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant2



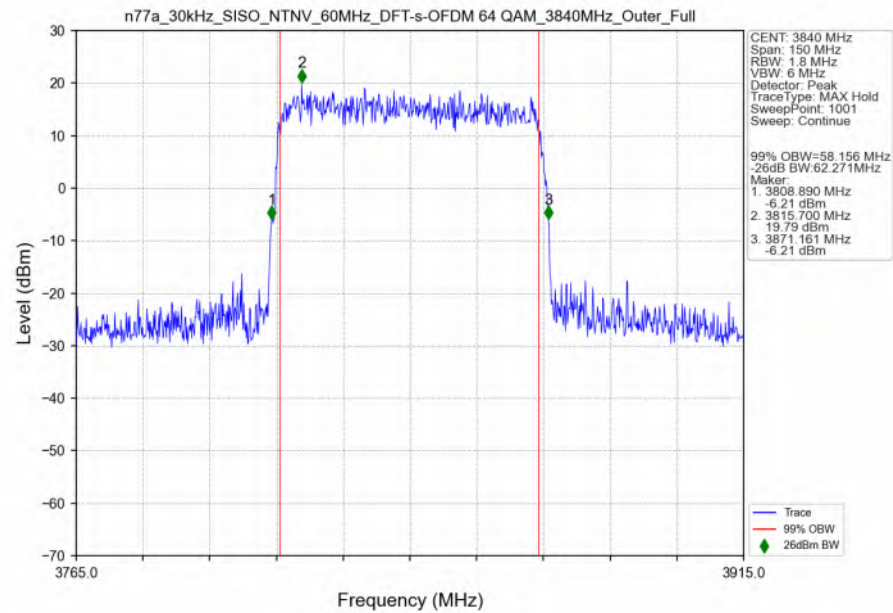
3.2.6 30_S_60M_NTNV



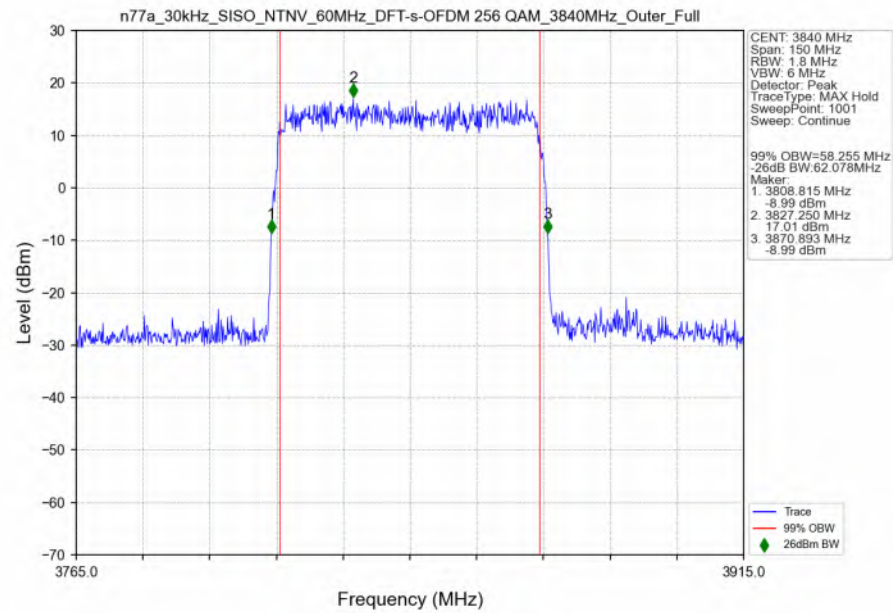
n77a 30kHz SISO NTN 60MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant2



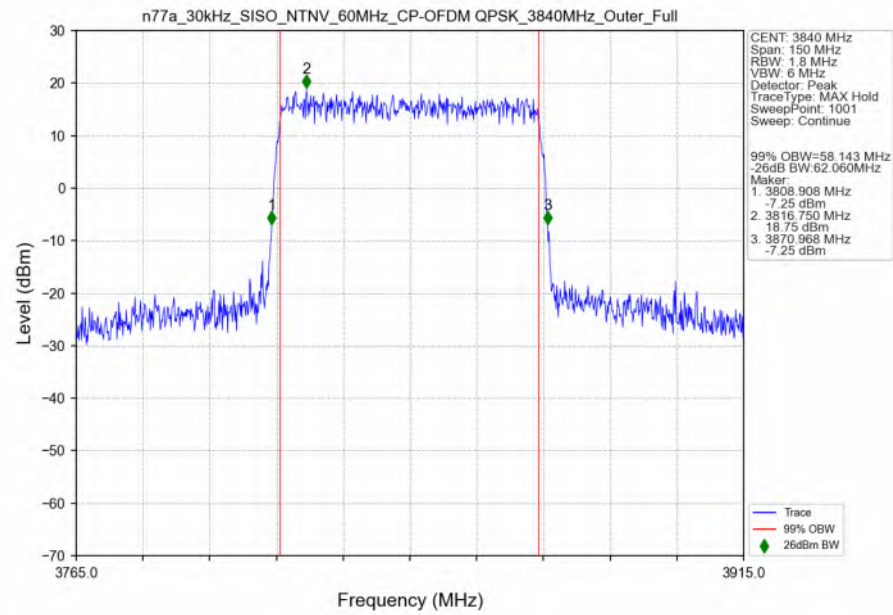
n77a 30kHz SISO NTN 60MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant2



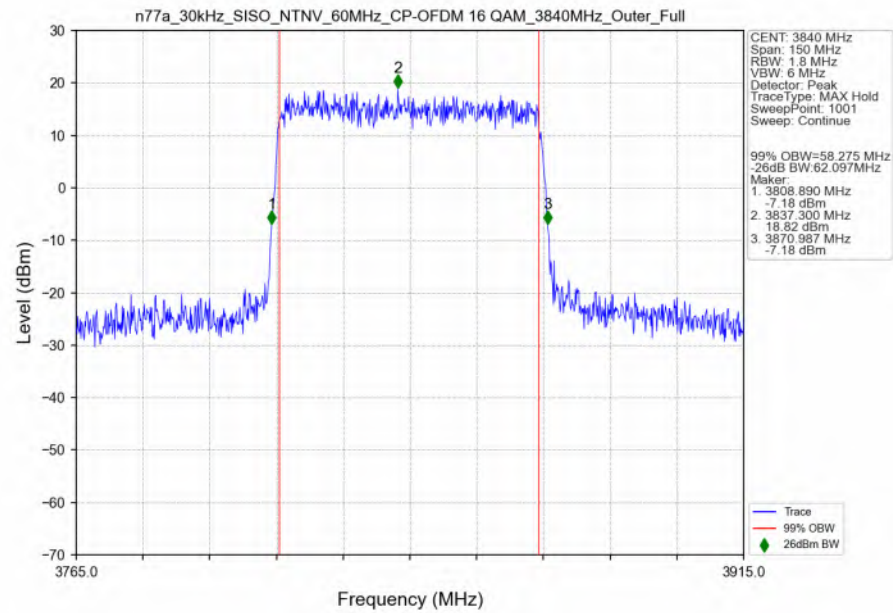
n77a 30kHz SISO NTN 60MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant2



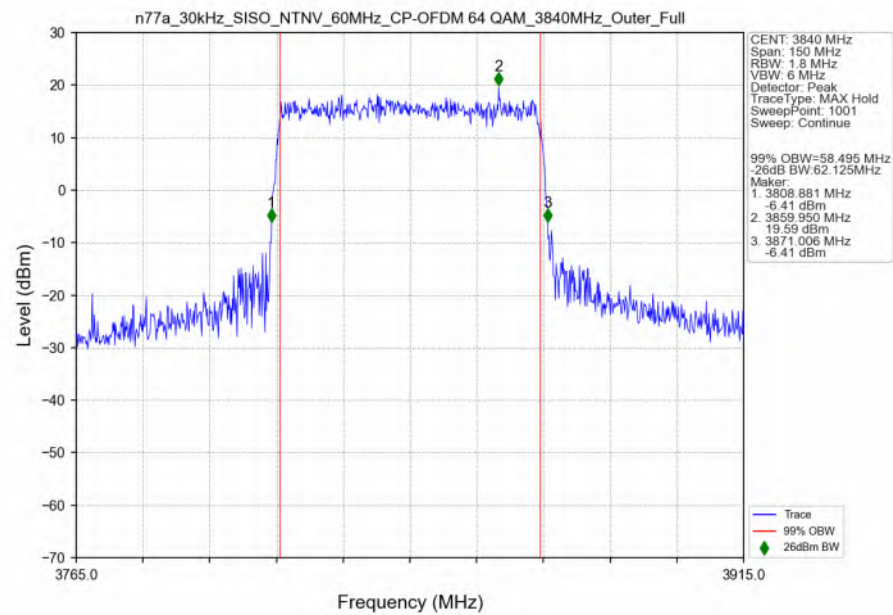
n77a 30kHz SISO NTN 60MHz CP-OFDM QPSK 3840MHz Outer Full Ant2



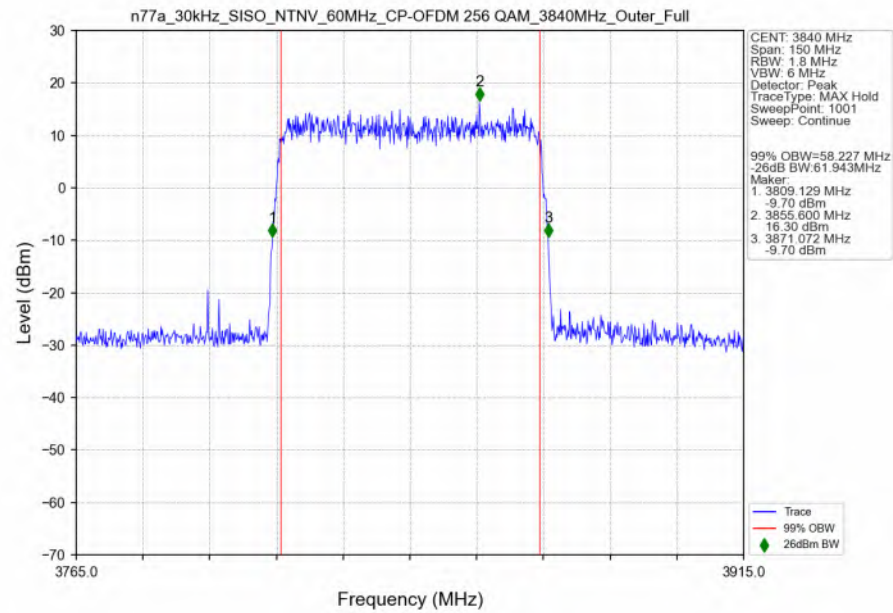
n77a 30kHz SISO NTN 60MHz CP-OFDM 16 QAM 3840MHz Outer Full Ant2



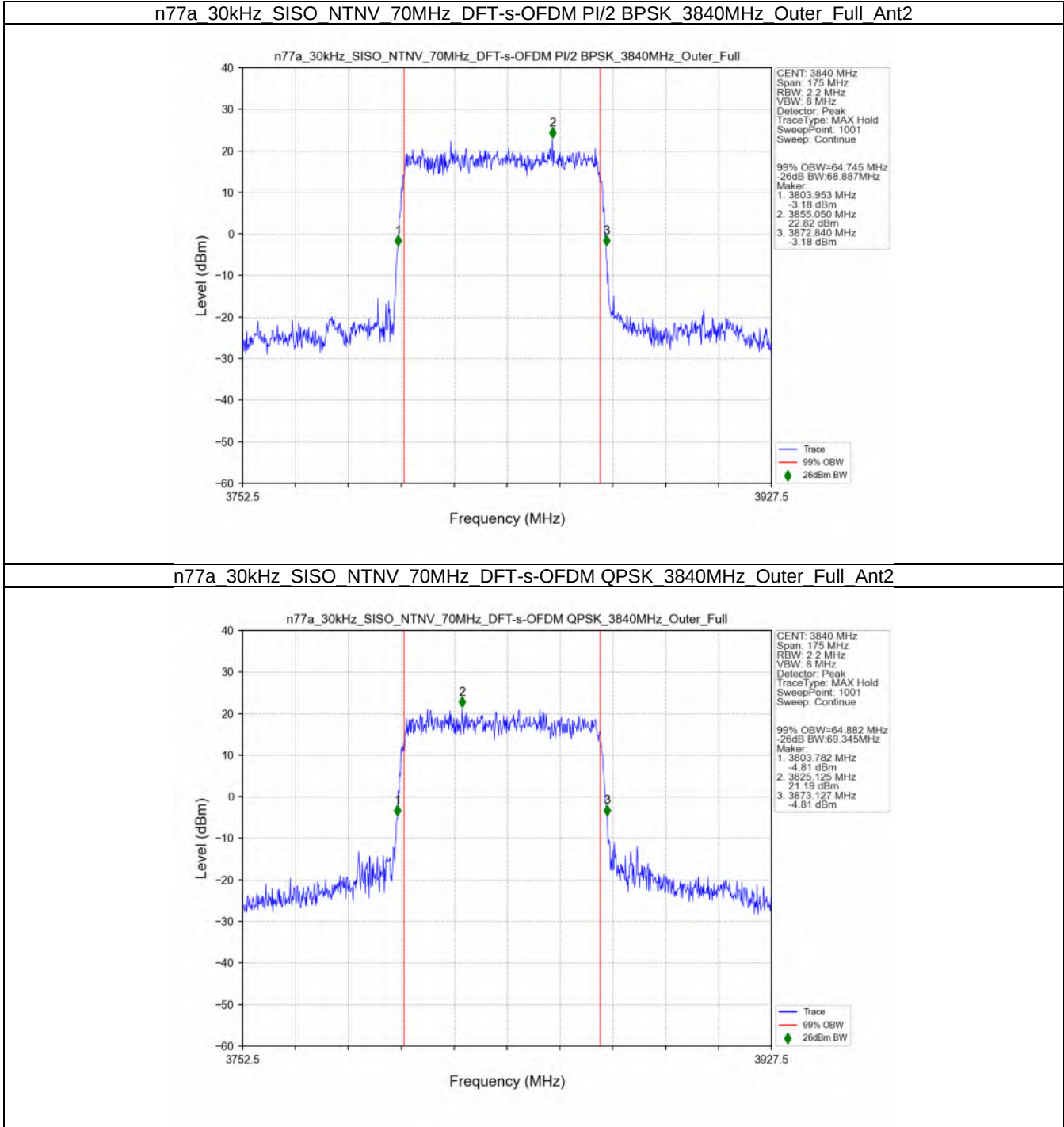
n77a 30kHz SISO NTN 60MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant2



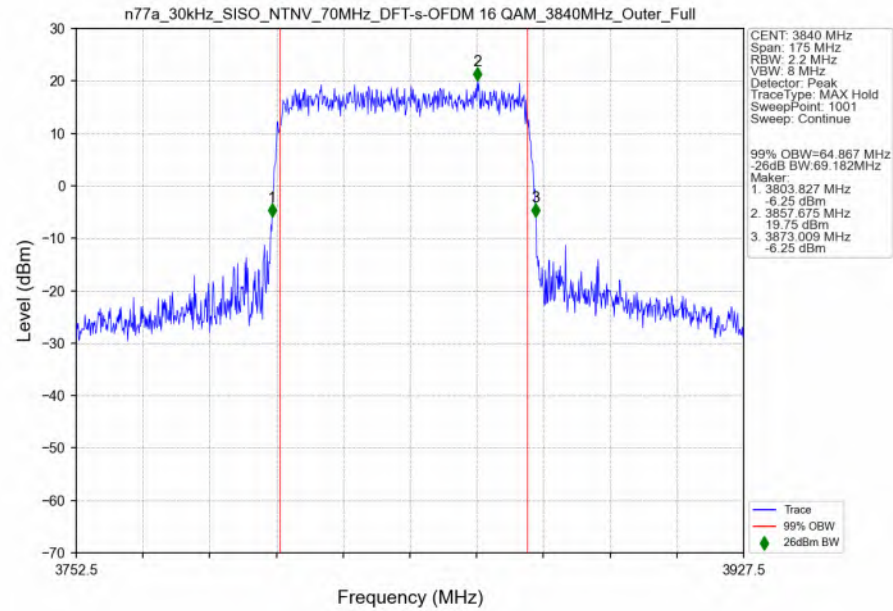
n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant2



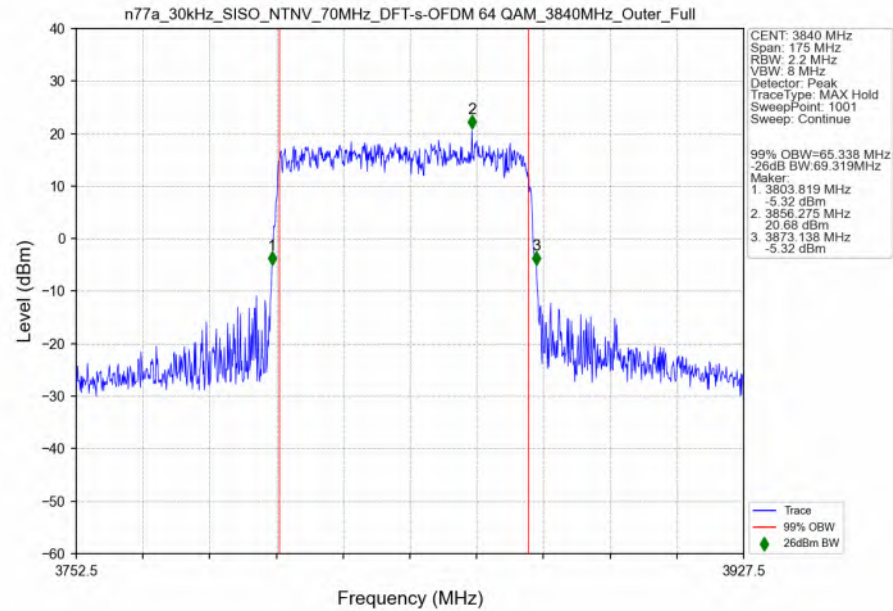
3.2.7 30_S_70M_NTNV



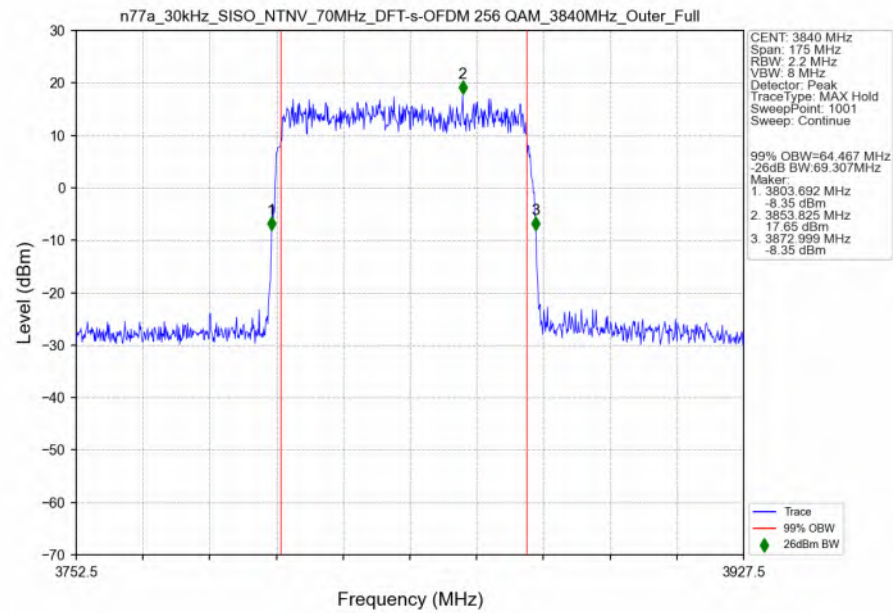
n77a 30kHz SISO NTN 70MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant2



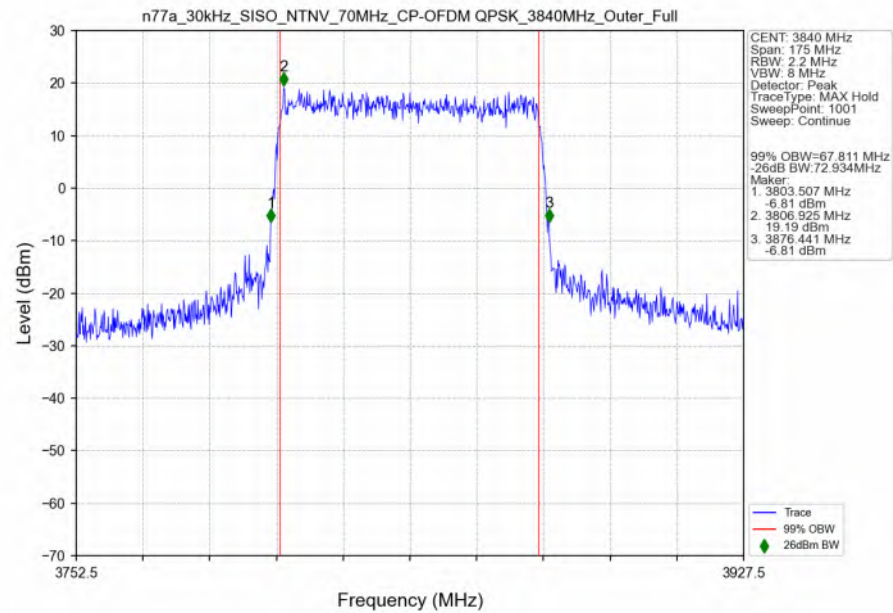
n77a 30kHz SISO NTN 70MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant2



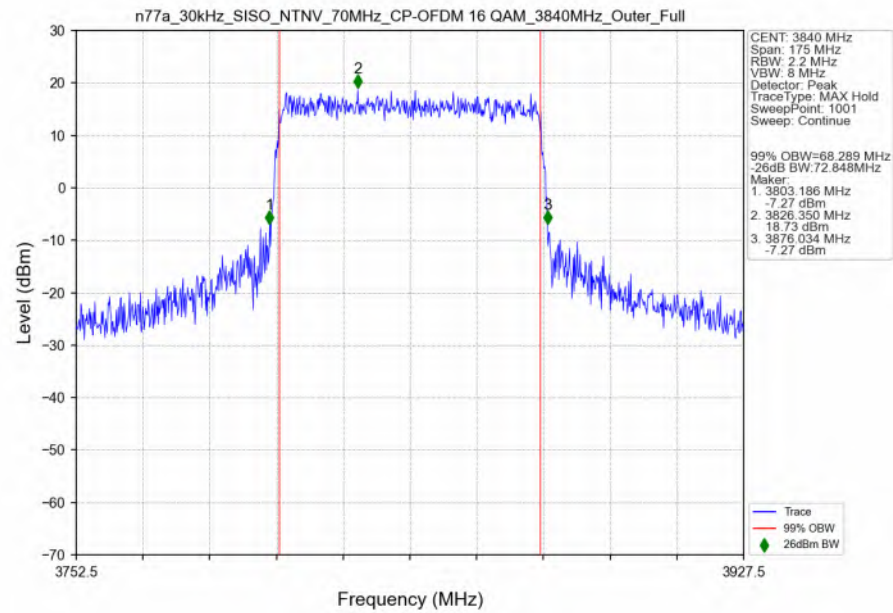
n77a 30kHz SISO NTN 70MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant2



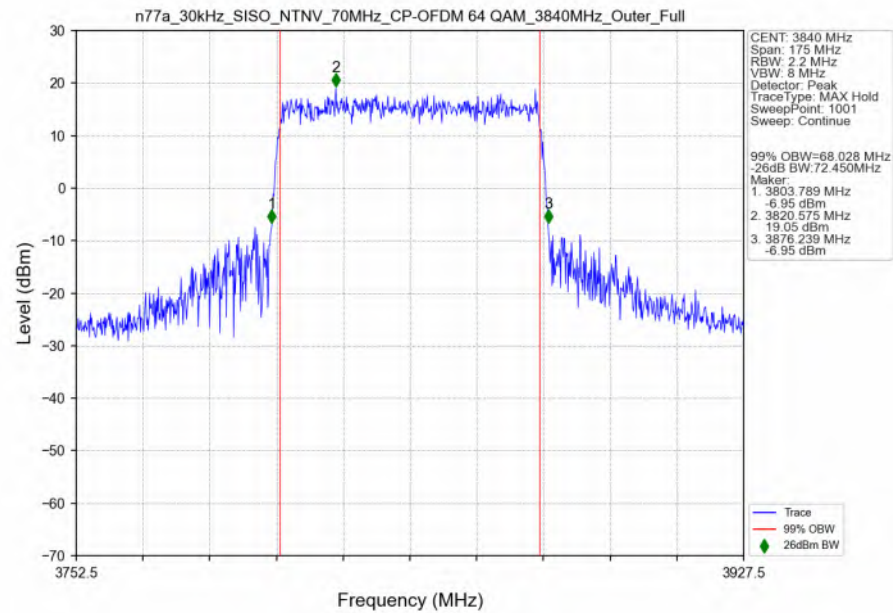
n77a 30kHz SISO NTN 70MHz CP-OFDM QPSK 3840MHz Outer Full Ant2



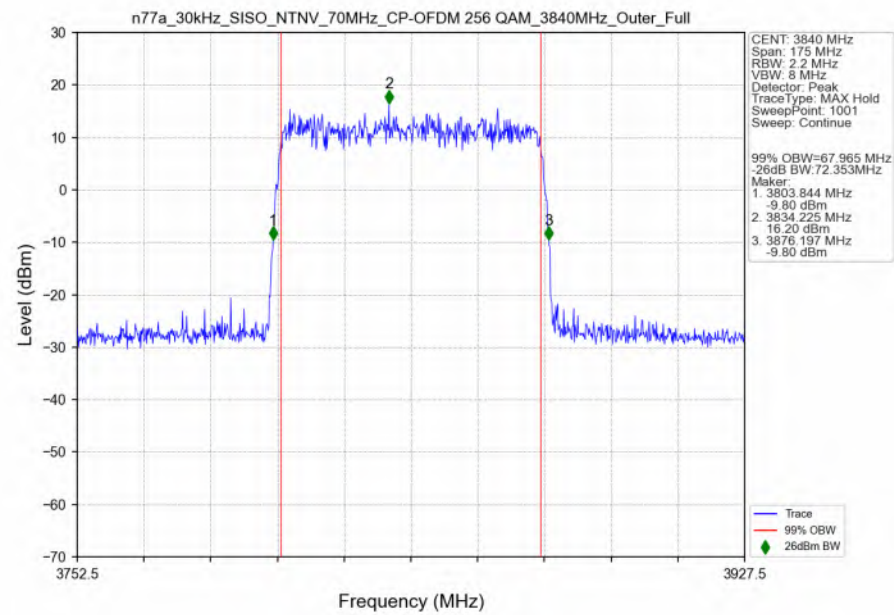
n77a 30kHz SISO NTN 70MHz CP-OFDM 16 QAM 3840MHz Outer Full Ant2



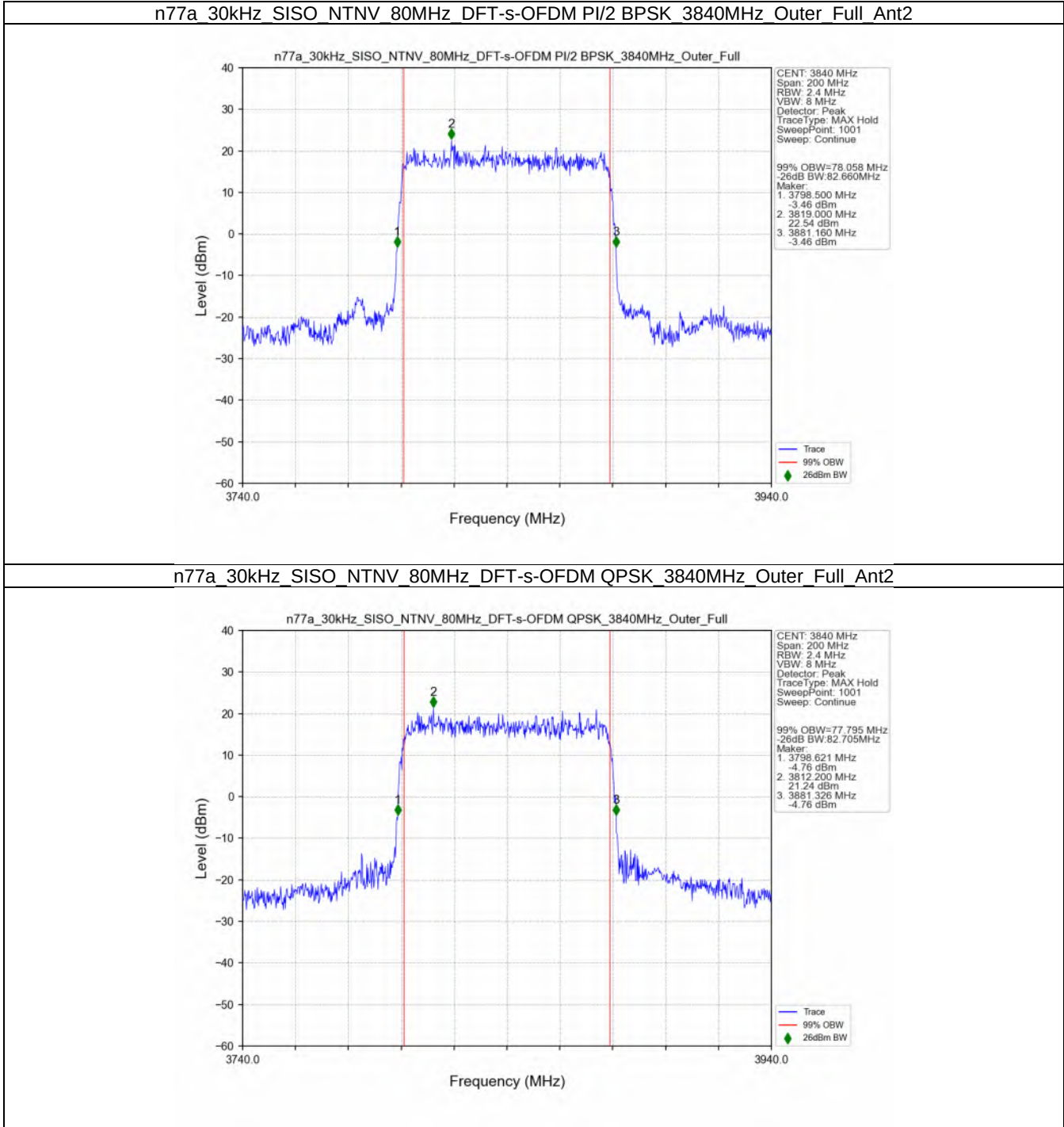
n77a 30kHz SISO NTN 70MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant2



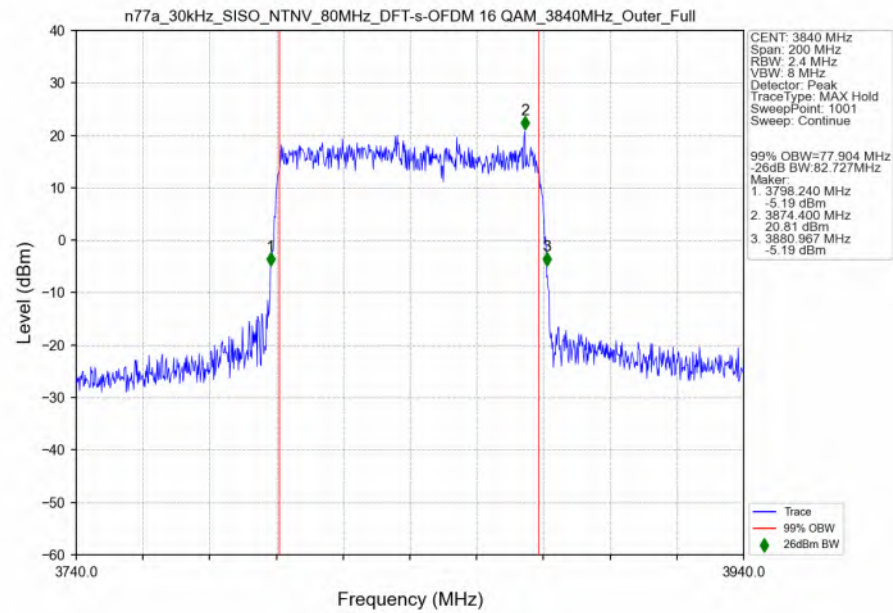
n77a_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant2



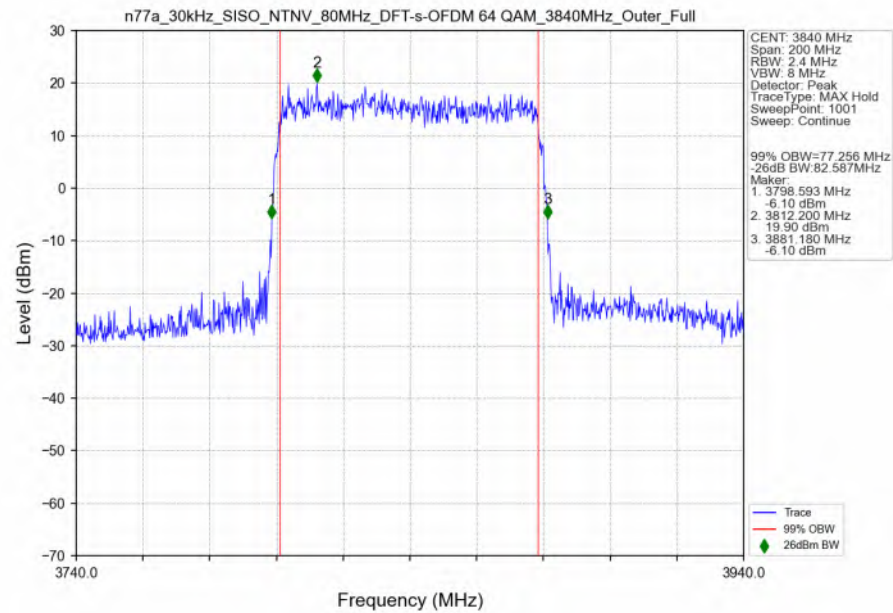
3.2.8 30_S_80M_NTNV



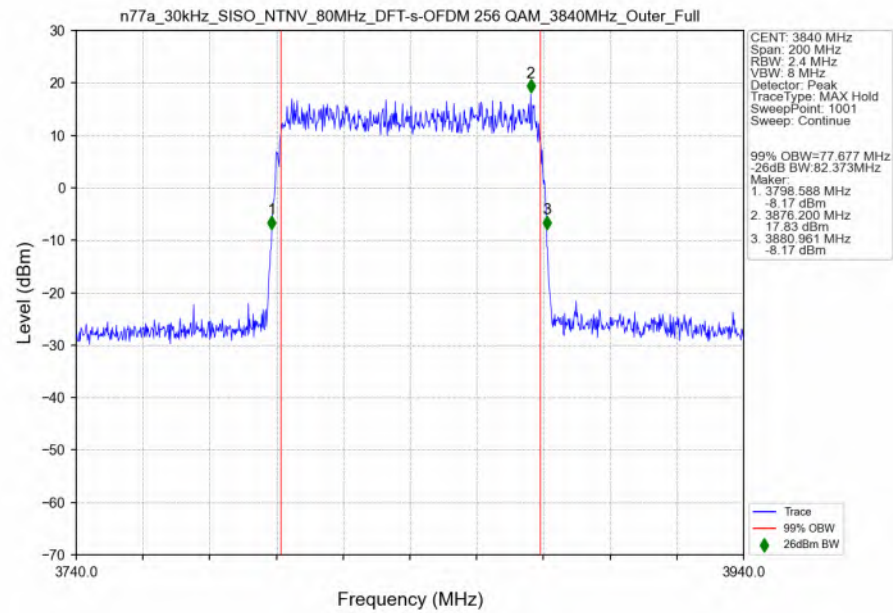
n77a 30kHz SISO NTN 80MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant2



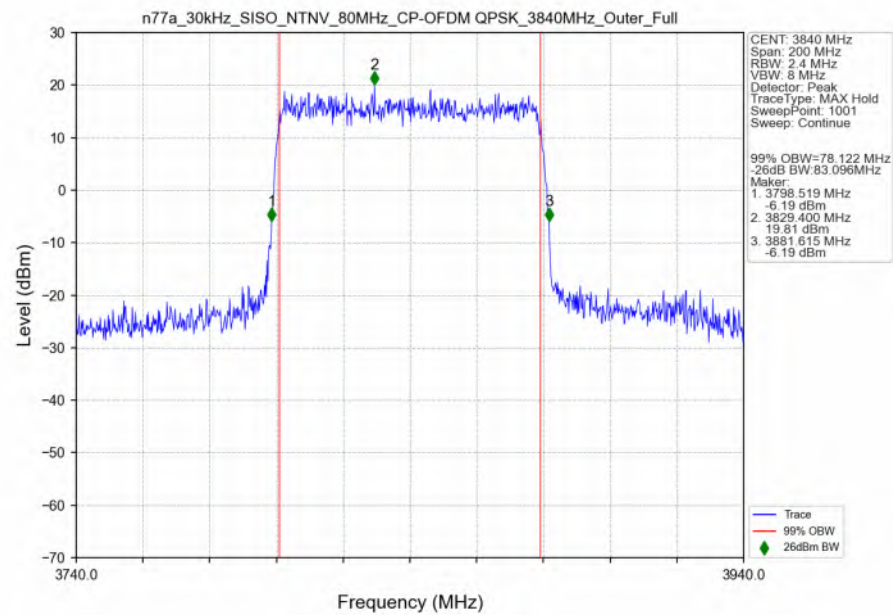
n77a 30kHz SISO NTN 80MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant2



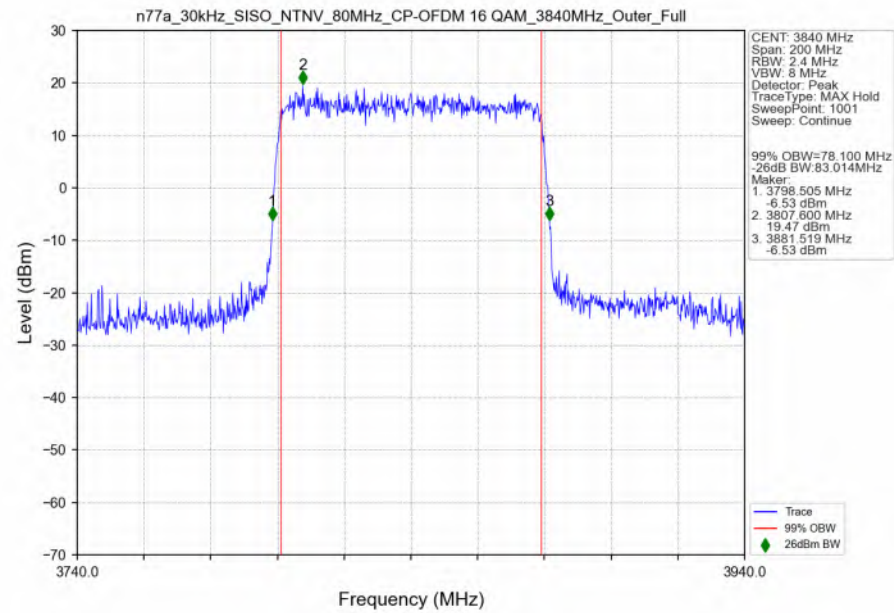
n77a 30kHz SISO NTN 80MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant2



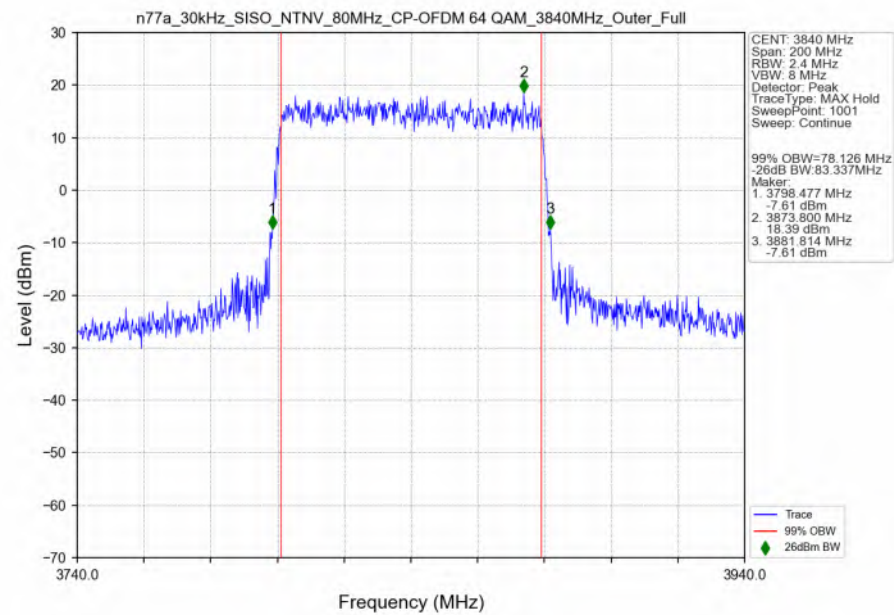
n77a 30kHz SISO NTN 80MHz CP-OFDM QPSK 3840MHz Outer Full Ant2



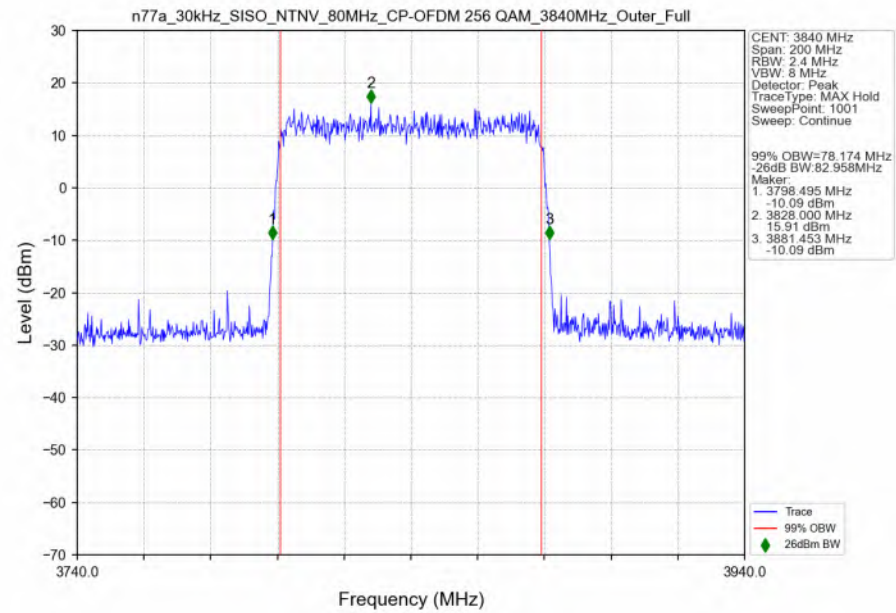
n77a 30kHz SISO NTN 80MHz CP-OFDM 16 QAM 3840MHz Outer Full Ant2



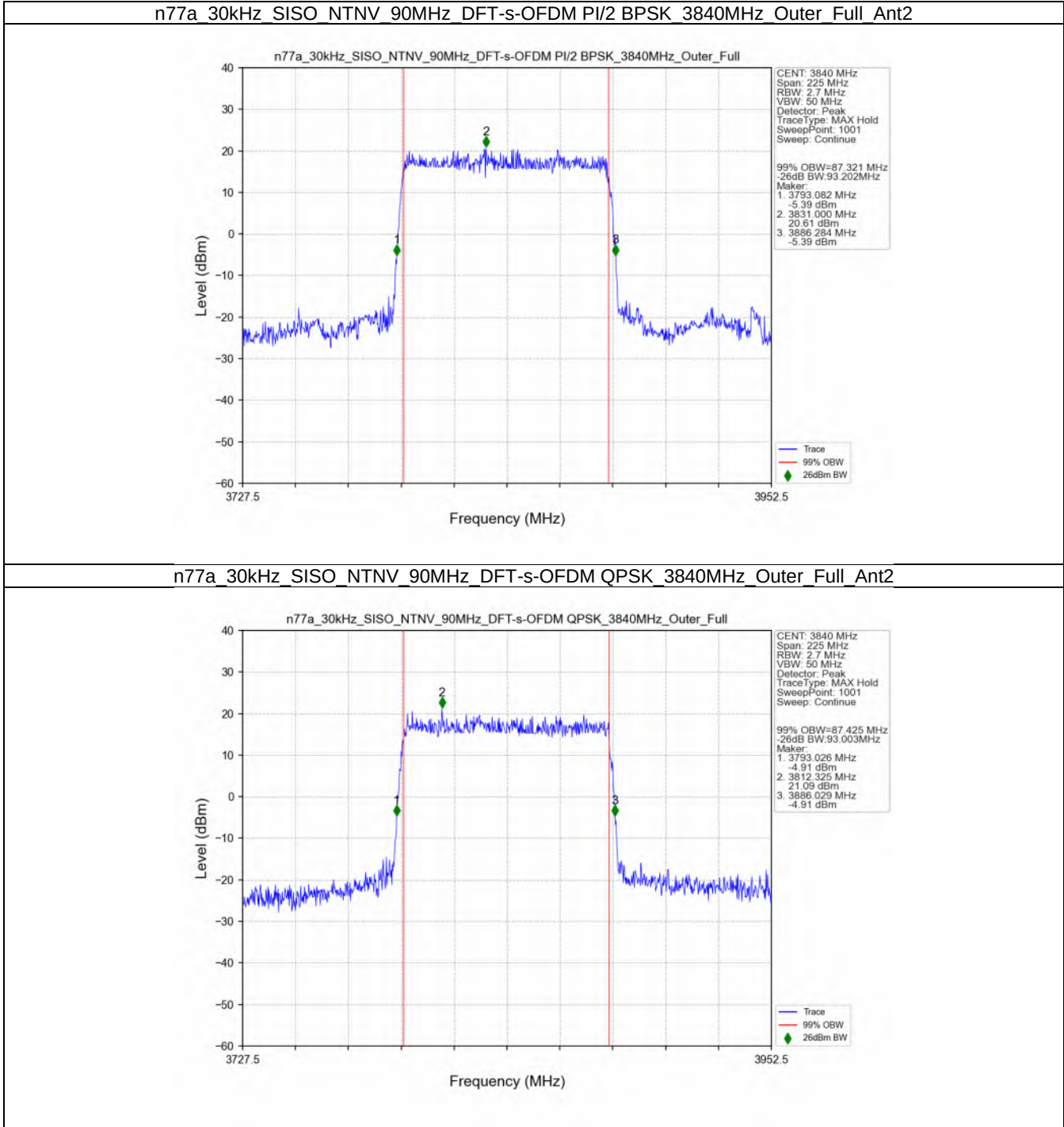
n77a 30kHz SISO NTN 80MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant2



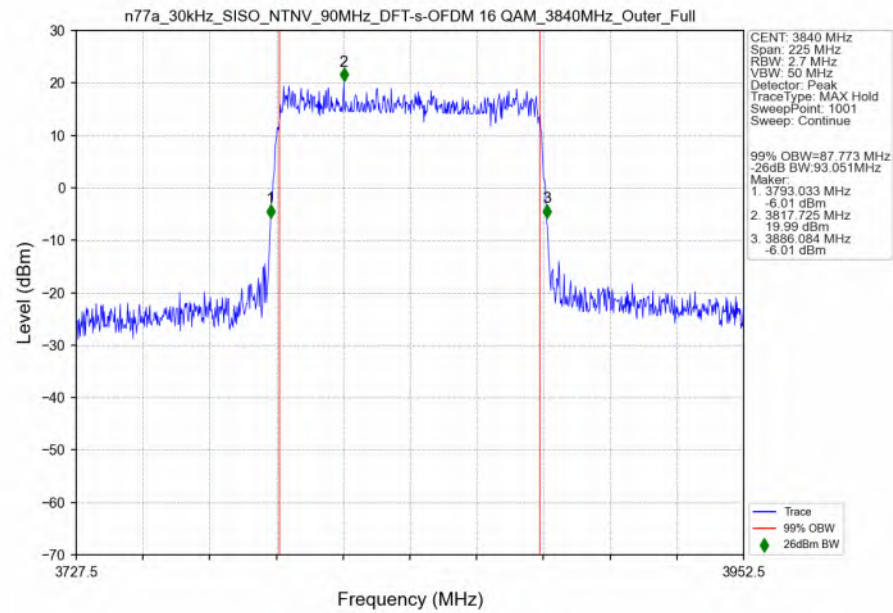
n77a_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant2



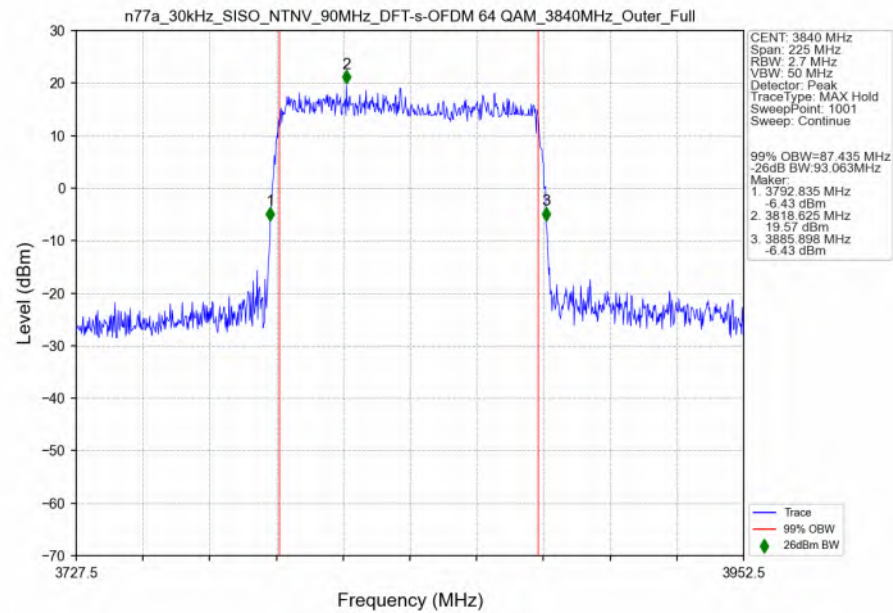
3.2.9 30_S_90M_NTNV



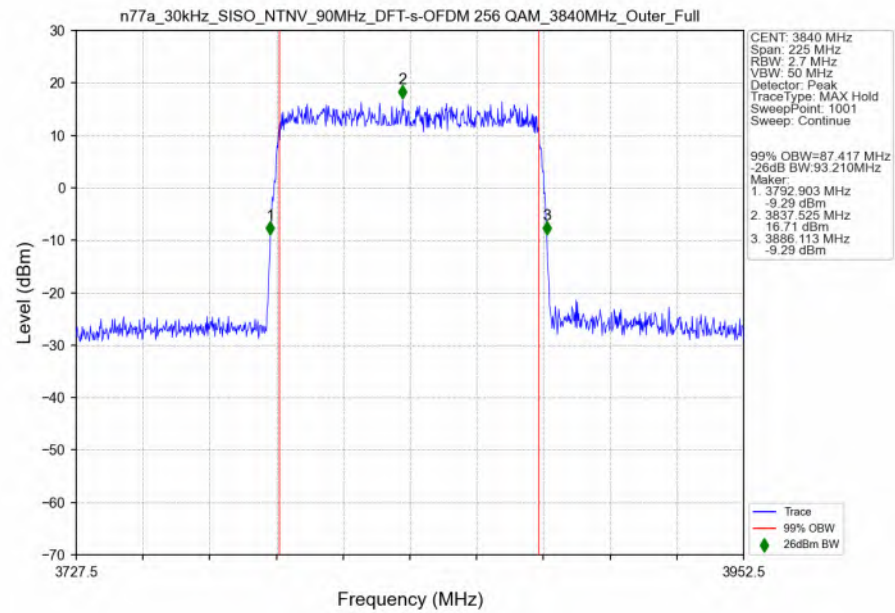
n77a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant2



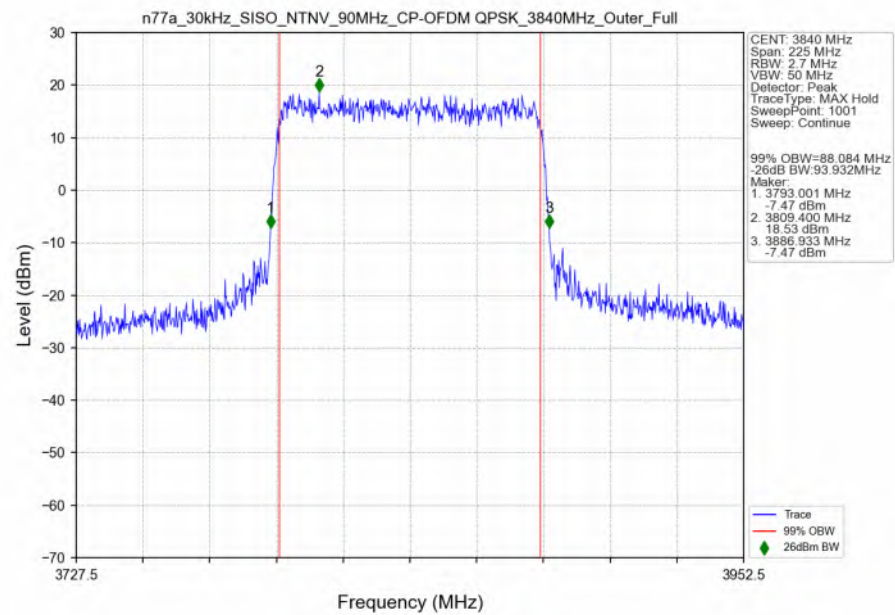
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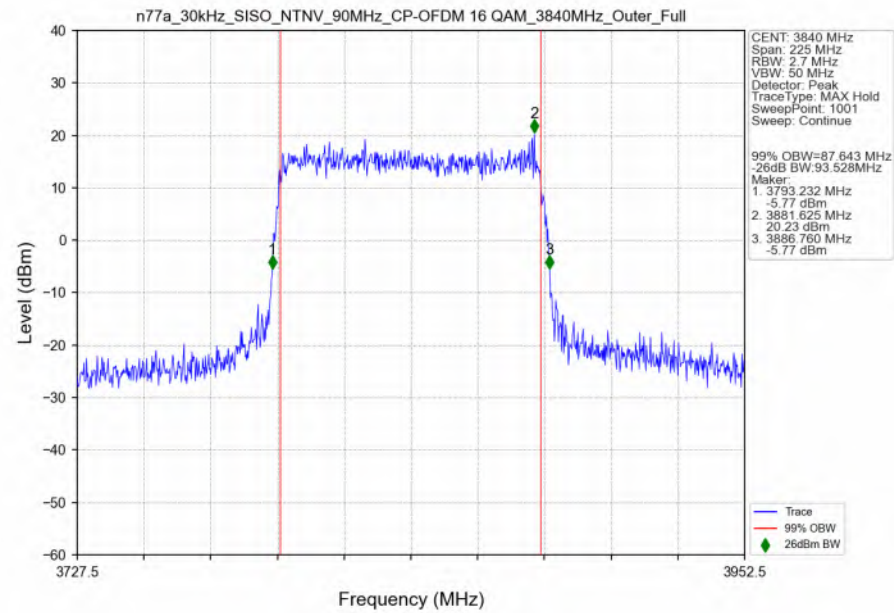
n77a 30kHz SISO NTN 90MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant2



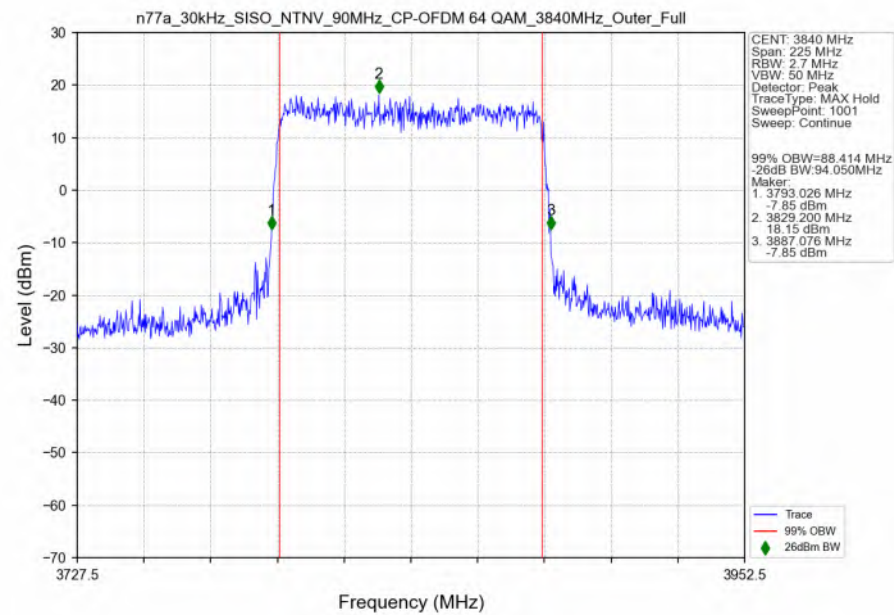
n77a 30kHz SISO NTN 90MHz CP-OFDM QPSK 3840MHz Outer Full Ant2



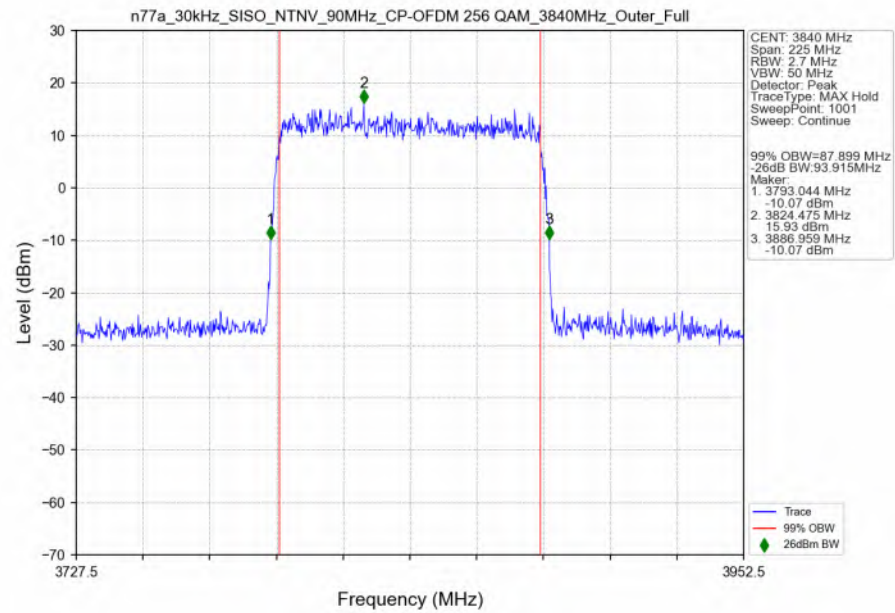
n77a 30kHz SISO NTN 90MHz CP-OFDM 16 QAM 3840MHz Outer Full Ant2



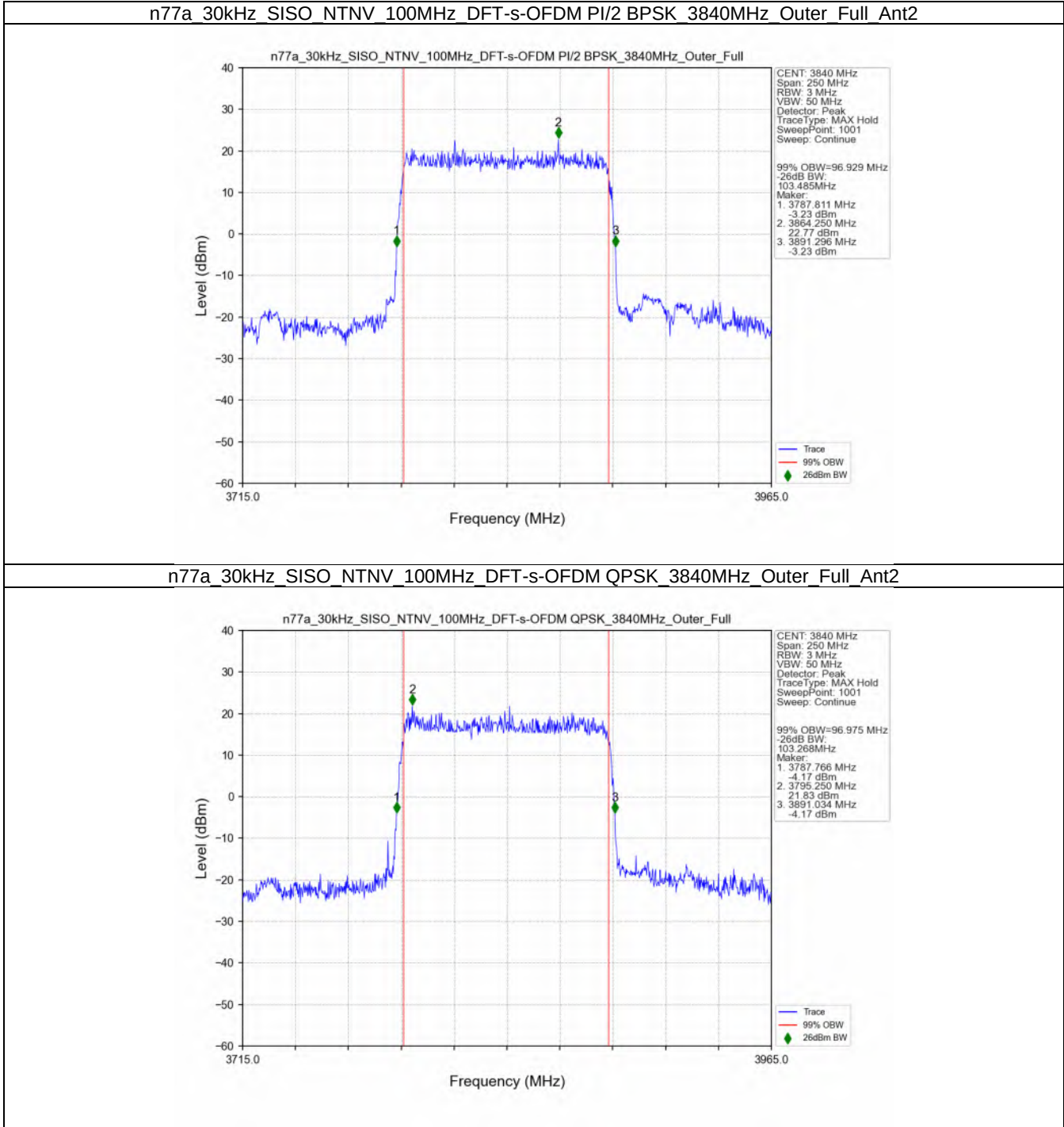
n77a 30kHz SISO NTN 90MHz CP-OFDM 64 QAM 3840MHz Outer Full Ant2



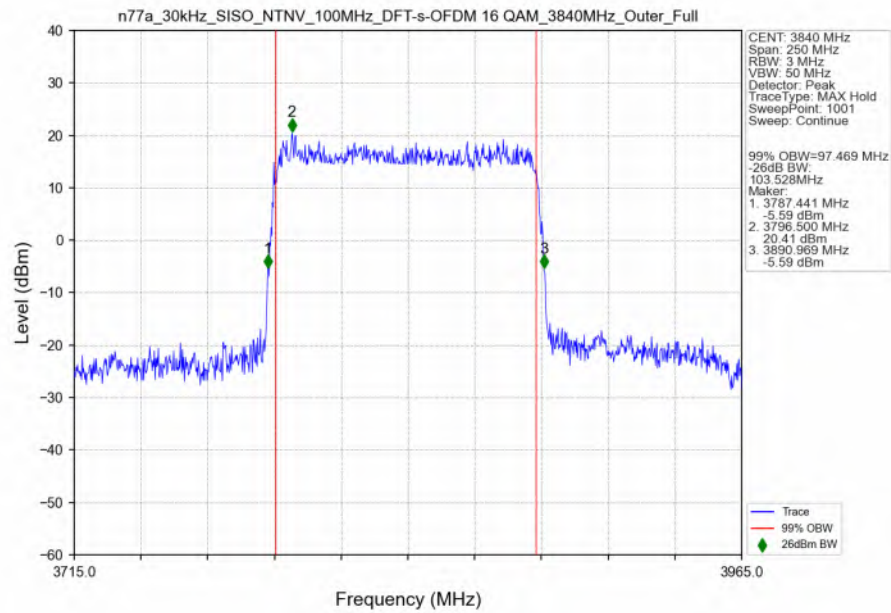
n77a_30kHz_SISO_NTNV_90MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant2



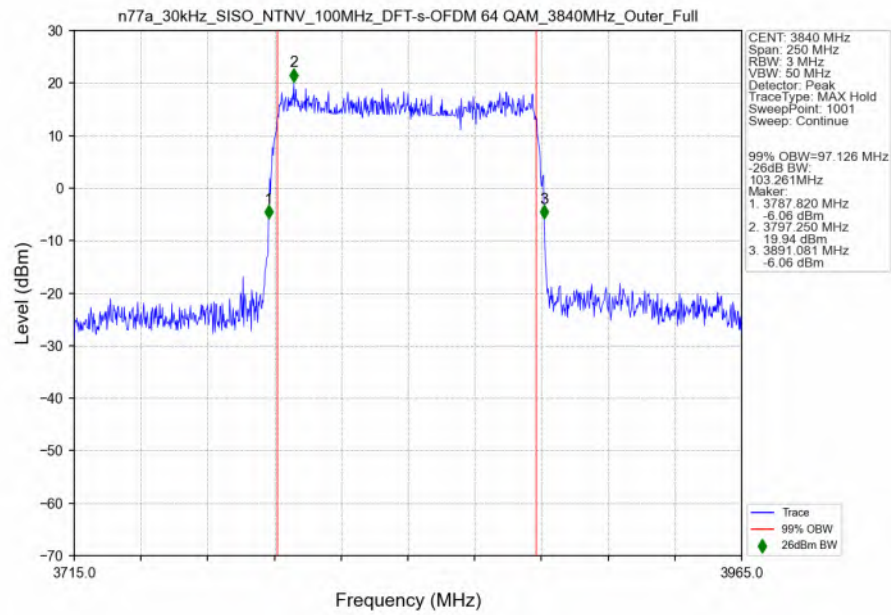
3.2.10 30_S_100M_NTNV



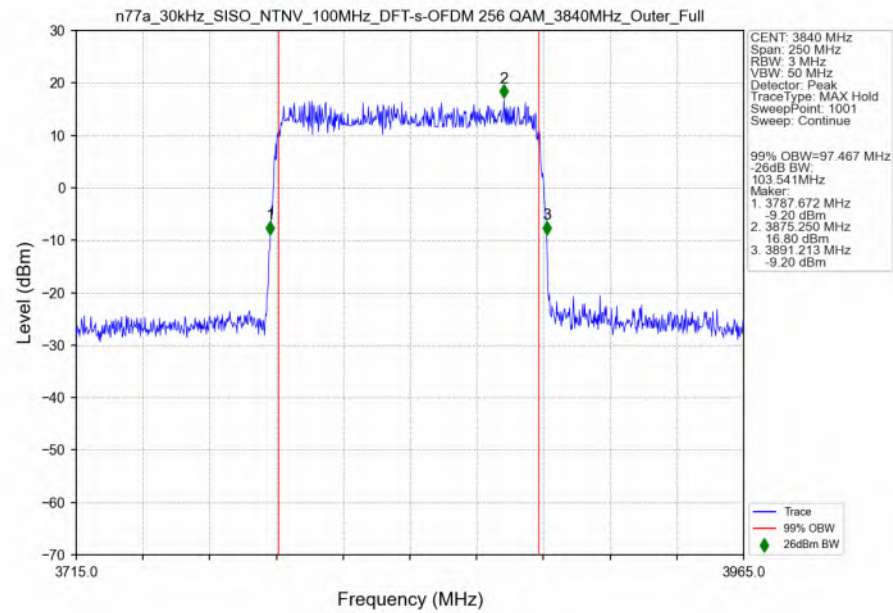
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant2



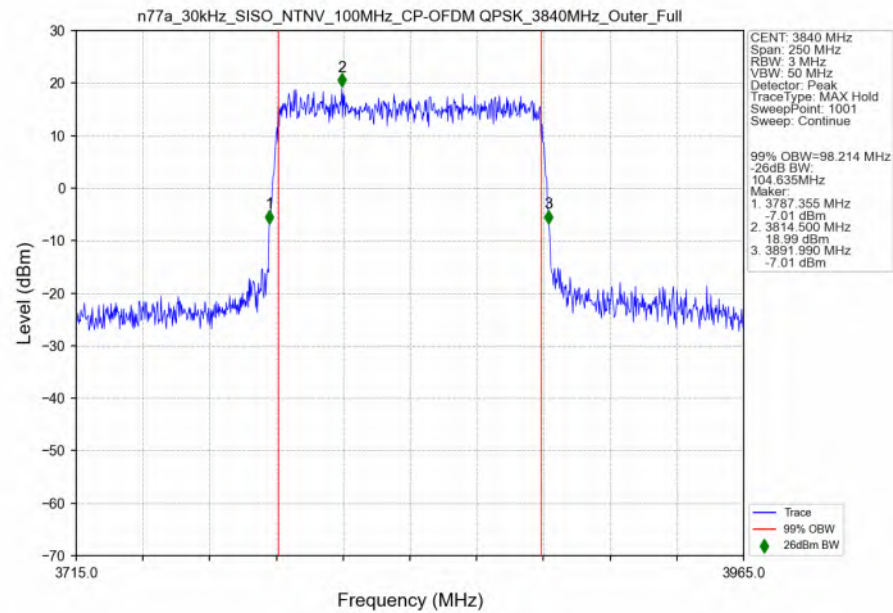
n77a 30kHz SISO NTN 100MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant2



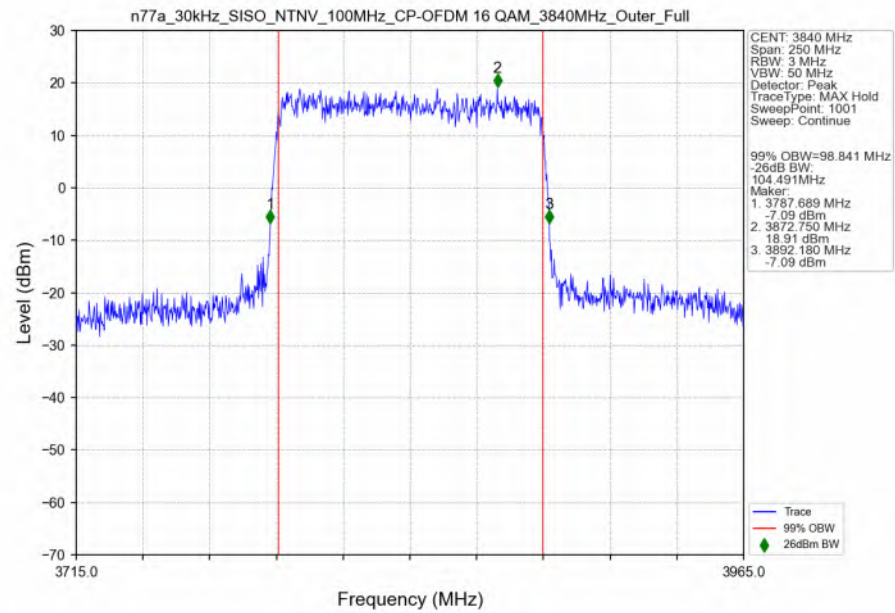
n77a_30kHz_SISO NTN_V 100MHz DFT-s-OFDM 256 QAM 3840MHz Outer_Full Ant2



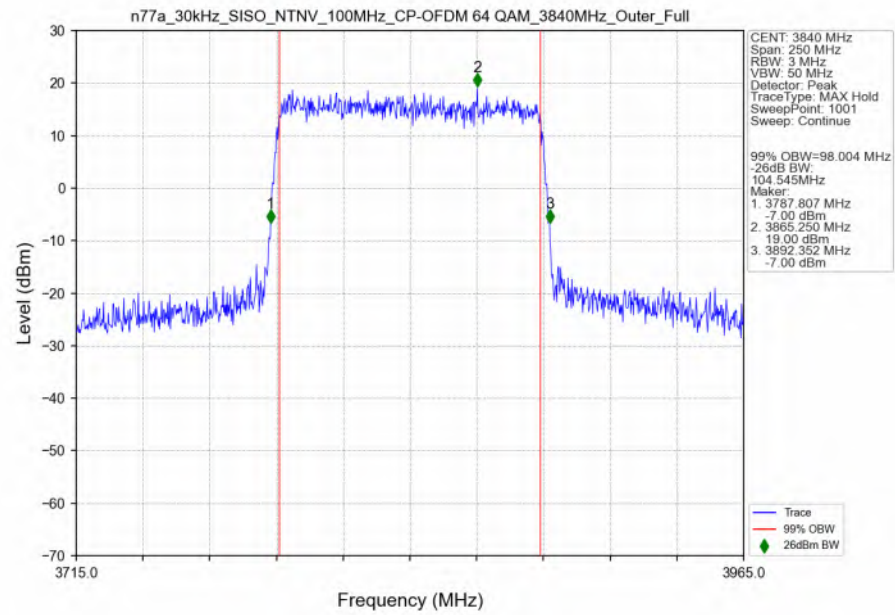
n77a_30kHz_SISO NTN_V 100MHz CP-OFDM QPSK 3840MHz Outer_Full Ant2



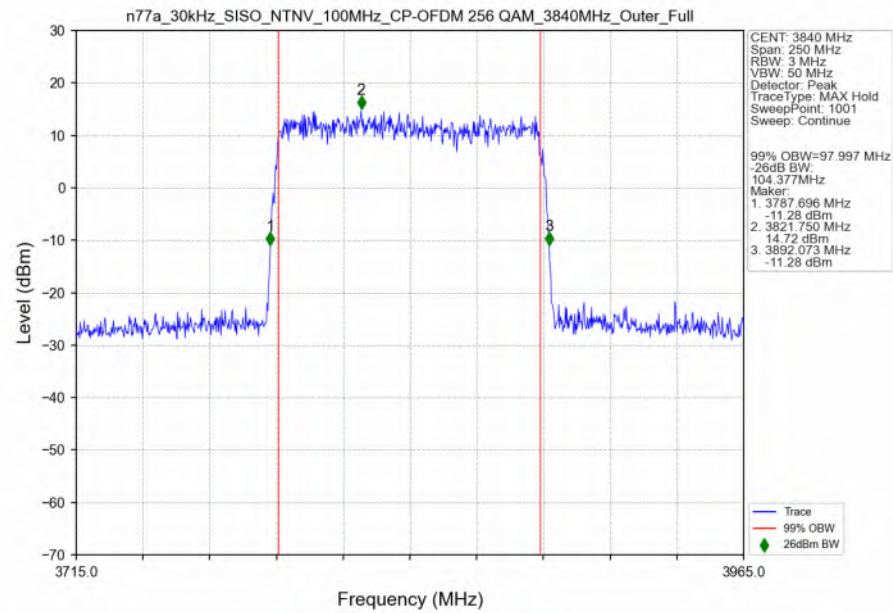
n77a_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM 3840MHz Outer Full Ant2



n77a_30kHz_SISO_NTNV_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

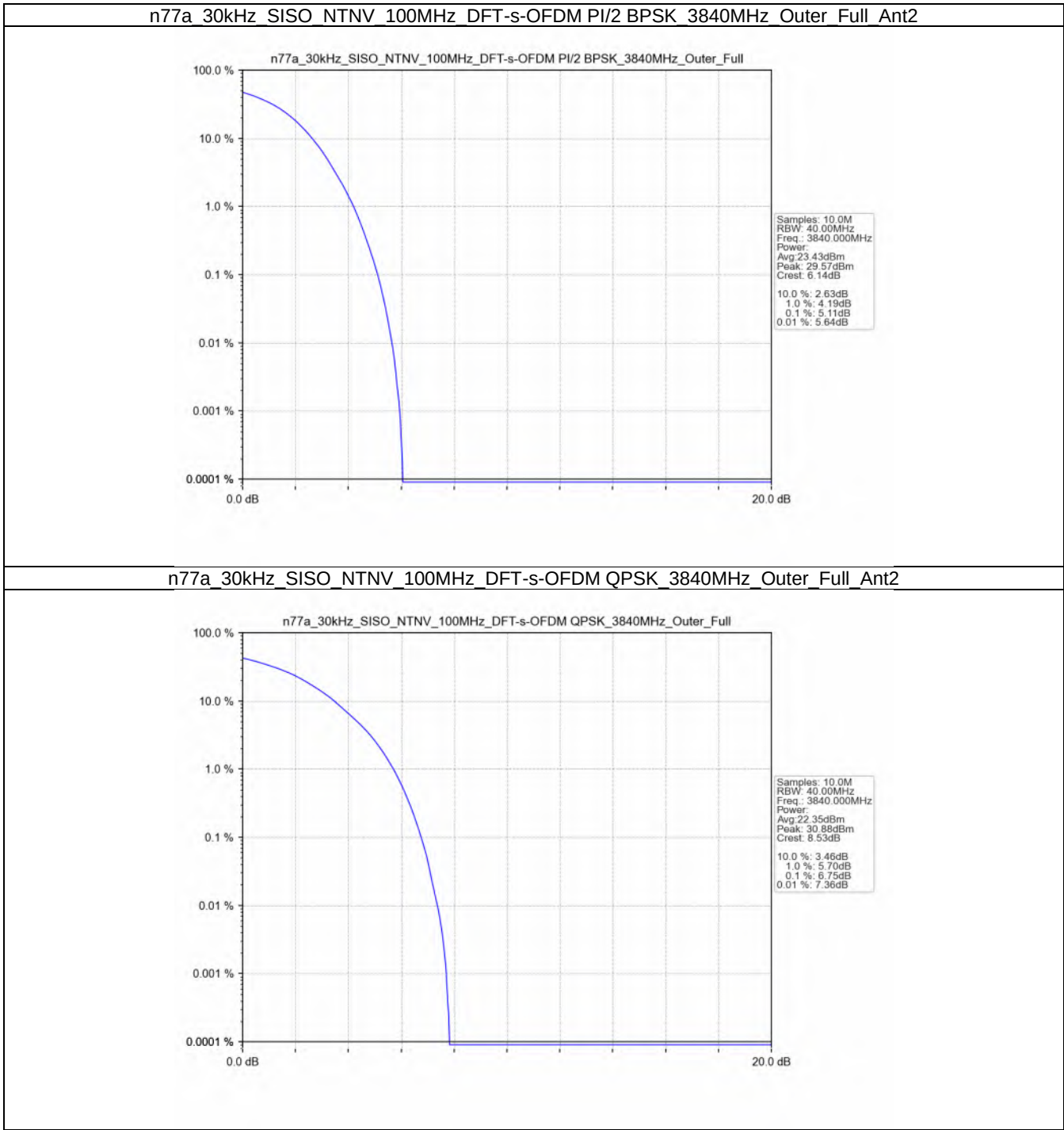
4.1 Test Result

4.1.1 30_S_100M_NTNV

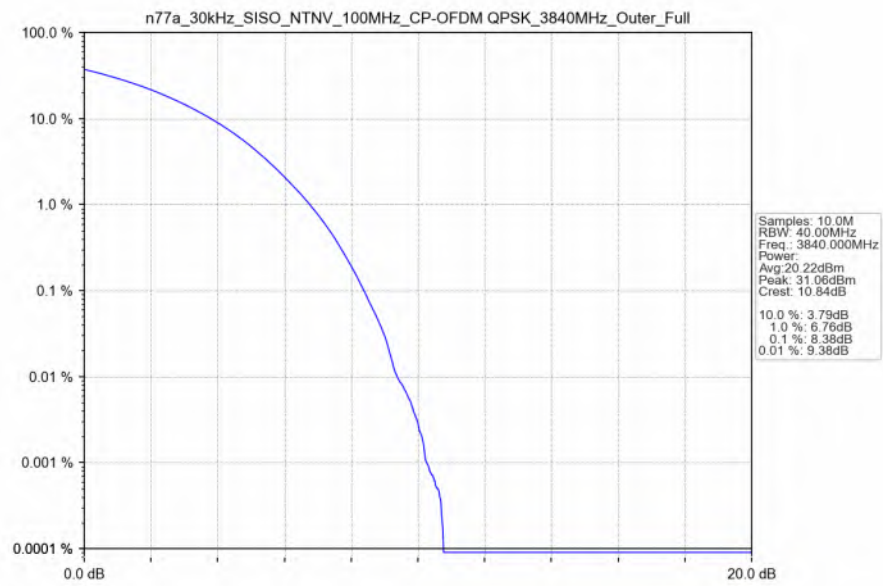
5G NR n77a SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	5.11	/	/	<=13	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	6.75	/	/	<=13	Pass
CP-OFDM QPSK	3840	Outer_Full	8.38	/	/	<=13	Pass

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
	3975	Outer_Full	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
	3975	Outer_Full	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
	3975	Outer_Full	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.1.2 30_S_70M_NTNV

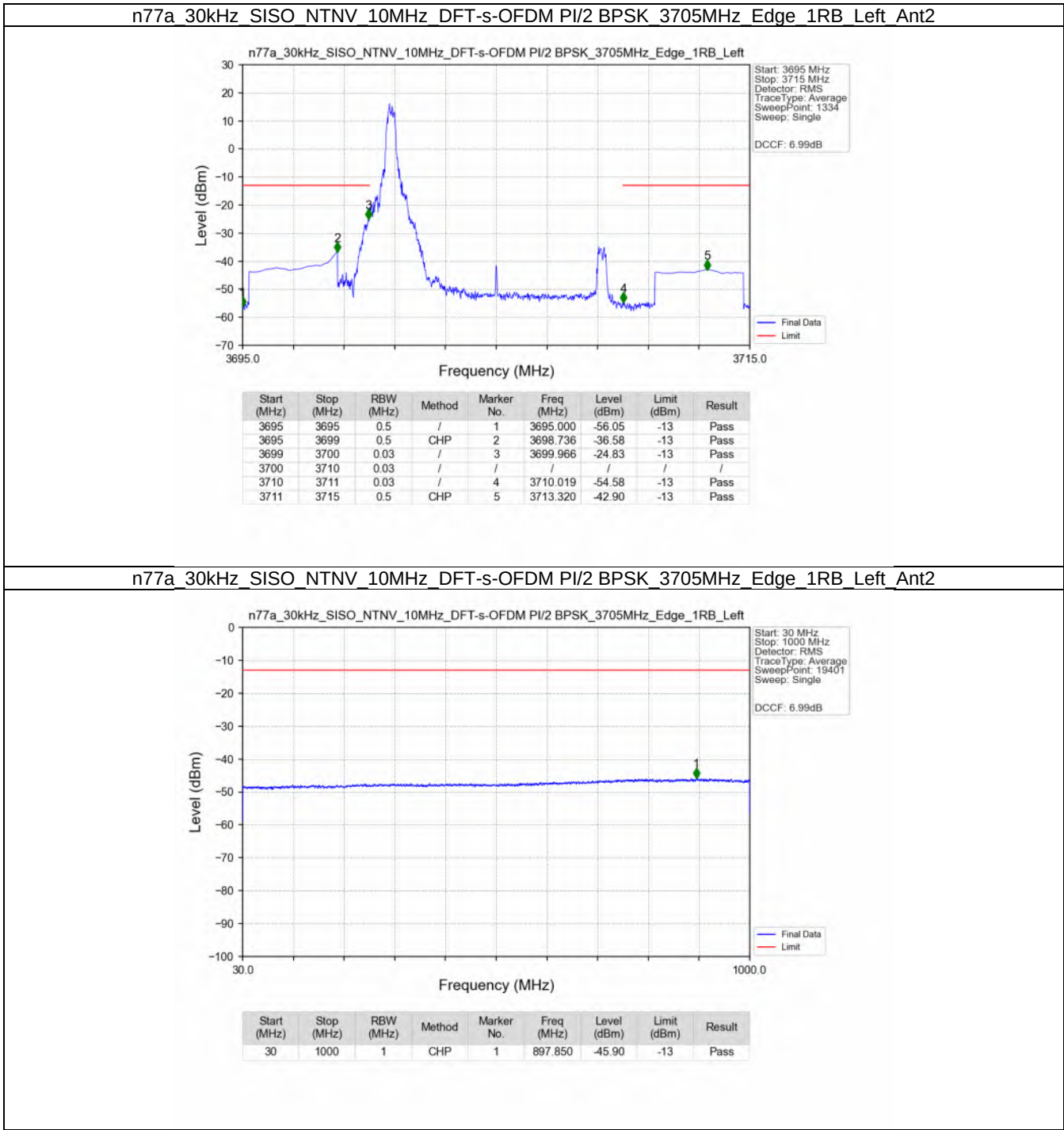
5G NR n77a SCS=30kHz SISO 70MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3735	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3840	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	3945	Outer_Full	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3735	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
	3945	Outer_Full	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3735	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
	3945	Outer_Full	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.1.3 30_S_100M_NTNV

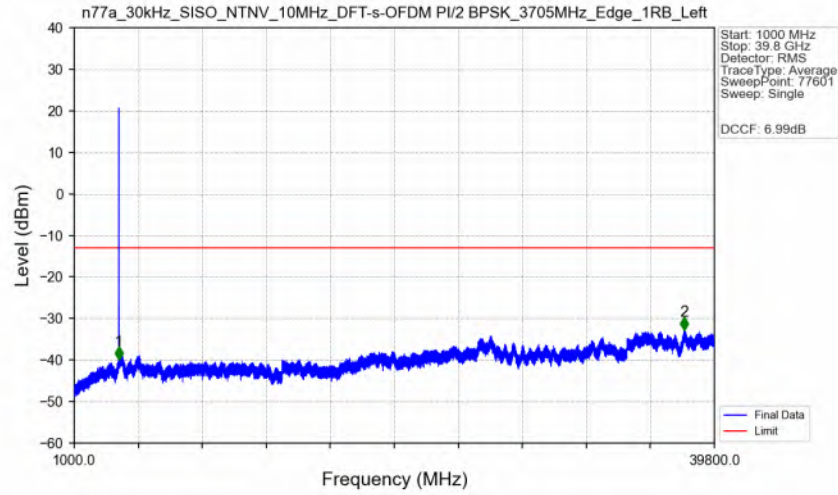
5G NR n77a SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant2	Ant2*	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	3840	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	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

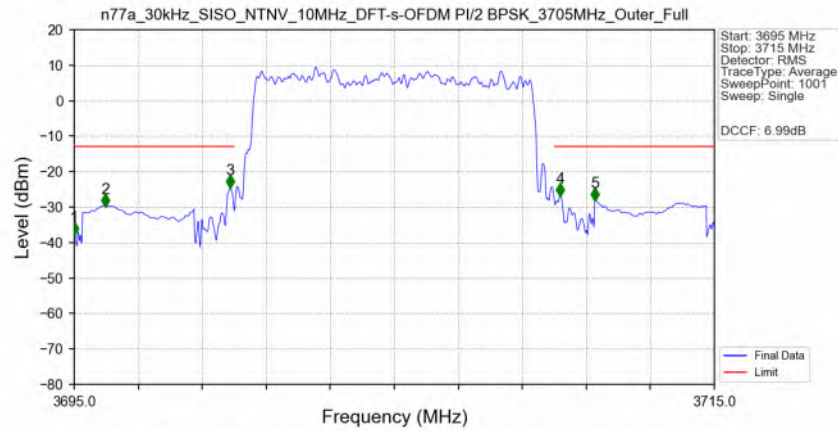


n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3705MHz_Edge_1RB_Left Ant2



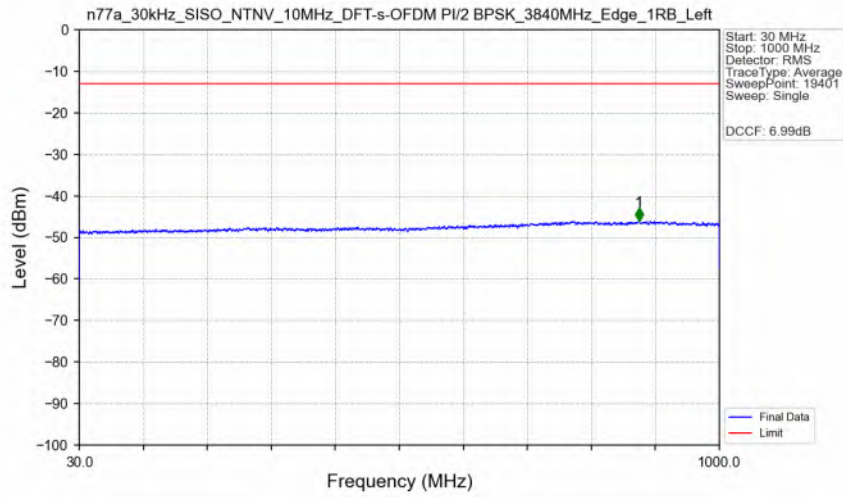
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3691.500	-39.97	-13	Pass
3695	3715	1	/	/	/	/	/	/
3715	39800	1	/	2	37976.500	-32.87	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3705MHz_Outer_Full Ant2

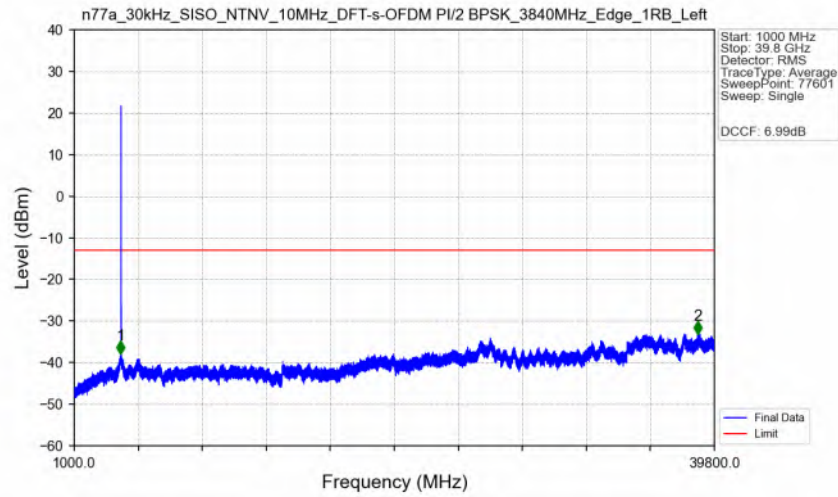


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-37.60	-13	Pass
3695	3699	0.5	CHP	2	3695.980	-29.63	-13	Pass
3699	3700	0.10039	CHP	3	3699.880	-24.35	-13	Pass
3700	3710	0.10039	CHP	/	/	/	/	/
3710	3711	0.10039	CHP	4	3710.180	-26.77	-13	Pass
3711	3715	0.5	CHP	5	3711.260	-27.97	-13	Pass

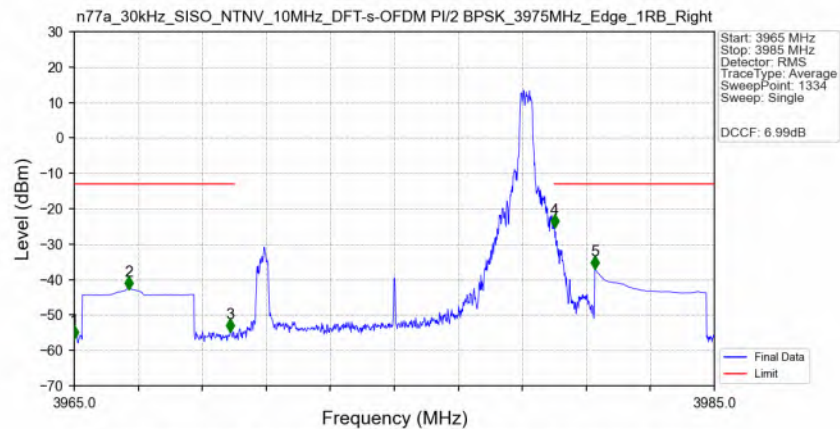
n77a 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3840MHz Edge 1RB Left Ant2



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

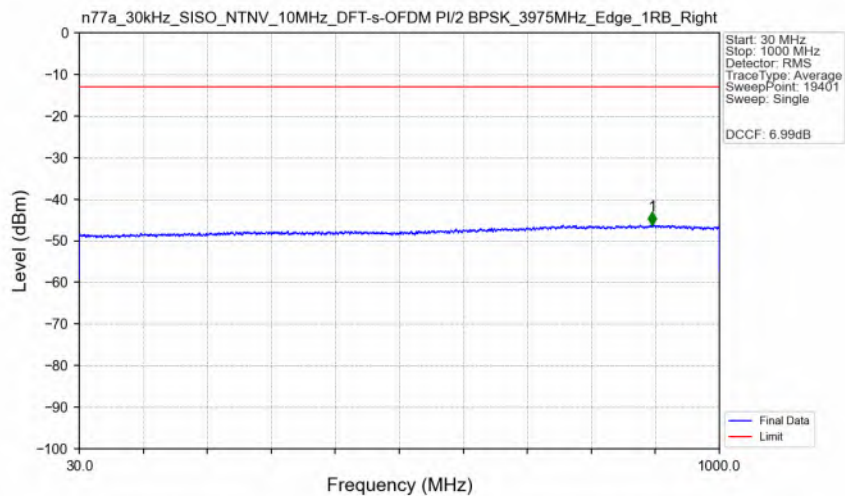


n77a 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3975MHz Edge 1RB Right Ant2



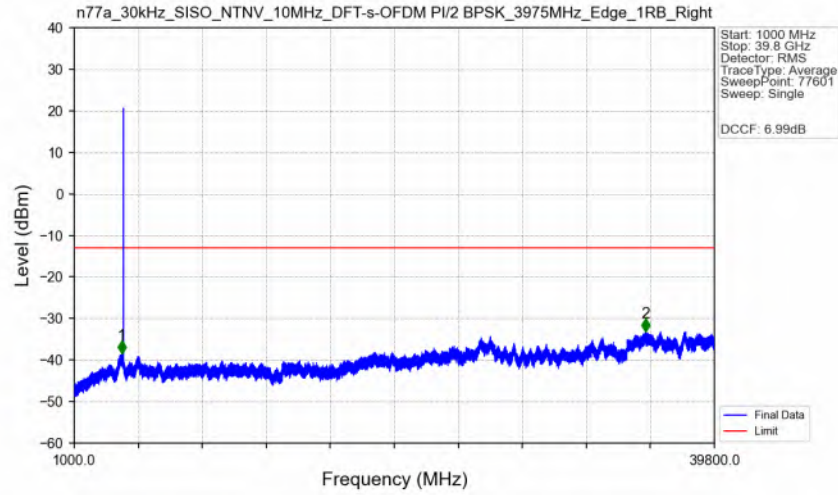
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3965	3965	0.5	/	1	3965.000	-56.32	-13	Pass
3965	3969	0.5	CHP	2	3966.710	-42.51	-13	Pass
3969	3970	0.03	/	3	3969.876	-54.51	-13	Pass
3970	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	4	3980.004	-25.06	-13	Pass
3981	3985	0.5	CHP	5	3981.264	-36.84	-13	Pass

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

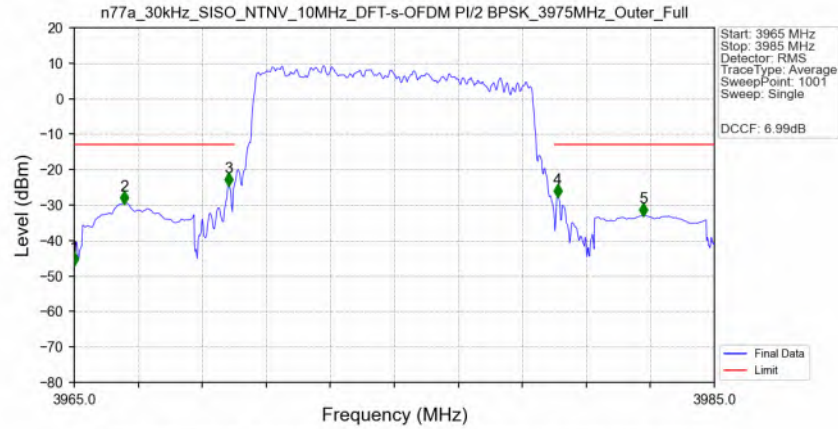


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	898.150	-46.14	-13	Pass

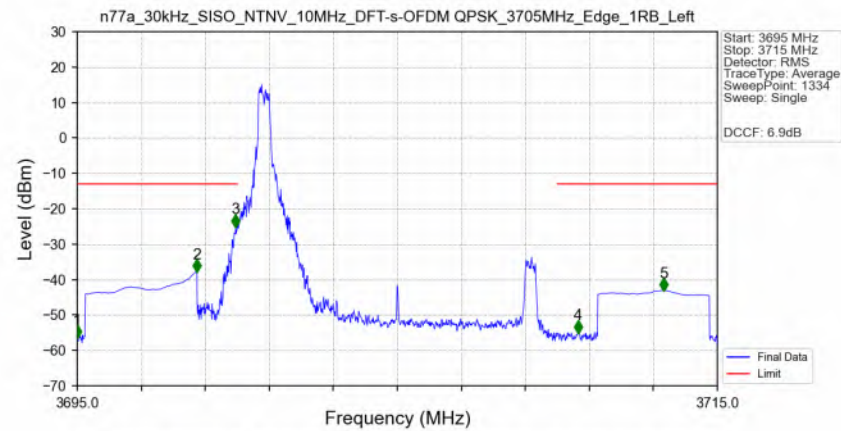
n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3975MHz_Edge_1RB_Right_Ant2



n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3975MHz_Outer_Full_Ant2

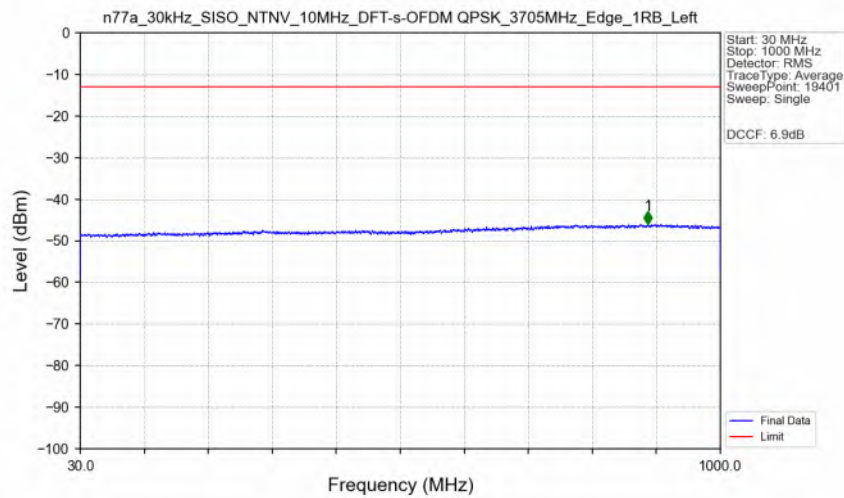


n77a 30kHz SISO NTV 10MHz DFT-s-OFDM QPSK 3705MHz Edge 1RB Left Ant2



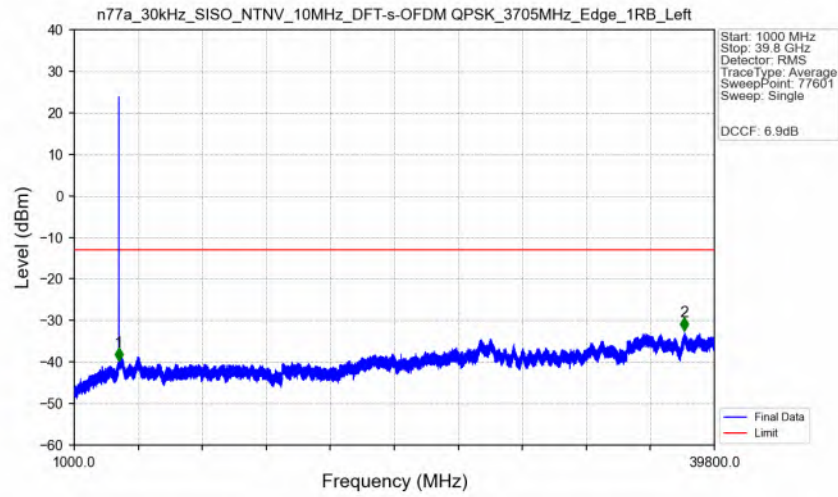
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-56.19	-13	Pass
3695	3699	0.5	CHP	2	3698.736	-37.64	-13	Pass
3699	3700	0.03	/	3	3699.951	-24.91	-13	Pass
3700	3710	0.03	/	/	/	/	/	/
3710	3711	0.03	/	4	3710.649	-54.87	-13	Pass
3711	3715	0.5	CHP	5	3713.320	-43.03	-13	Pass

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



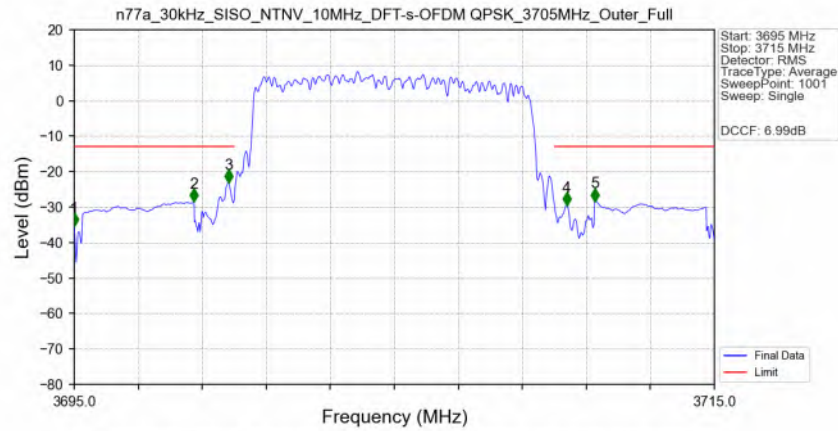
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	890.050	-46.02	-13	Pass

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



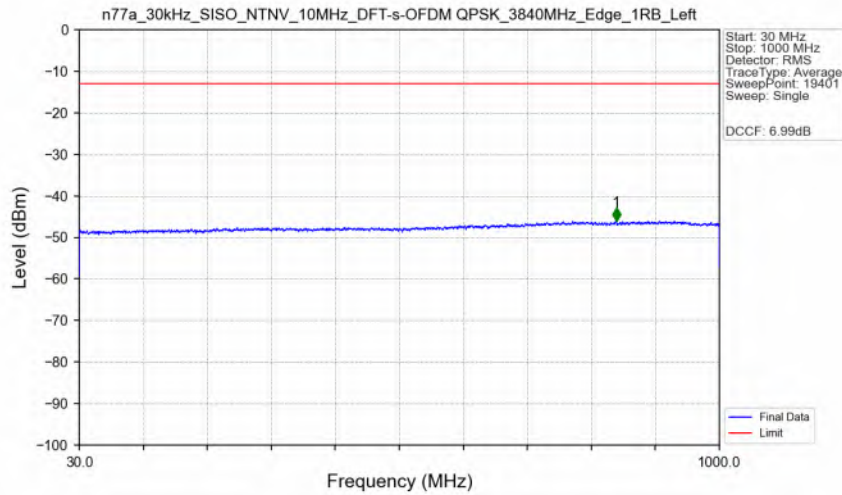
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3690.000	-39.65	-13	Pass
3695	3715	1	/	/	/	/	/	/
3715	39800	1	/	2	37988.000	-32.52	-13	Pass

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

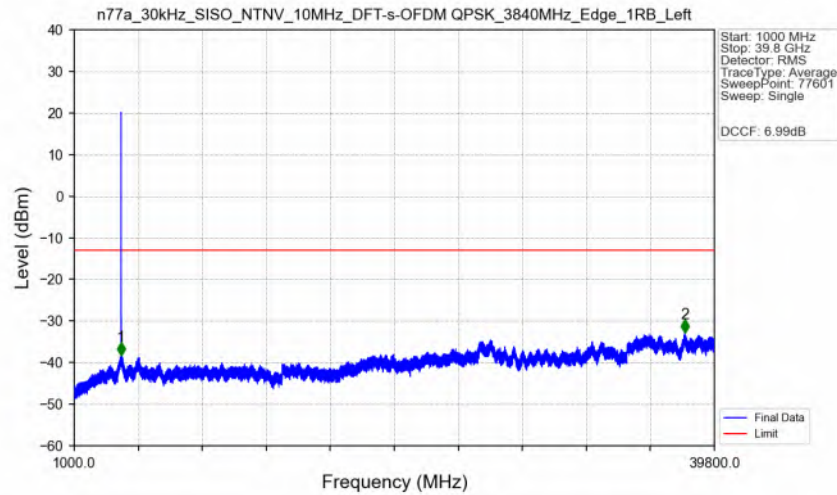


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-34.98	-13	Pass
3695	3699	0.5	CHP	2	3698.740	-28.14	-13	Pass
3699	3700	0.10039	CHP	3	3699.820	-22.91	-13	Pass
3700	3710	0.10039	CHP	/	/	/	/	/
3710	3711	0.10039	CHP	4	3710.380	-29.26	-13	Pass
3711	3715	0.5	CHP	5	3711.260	-28.07	-13	Pass

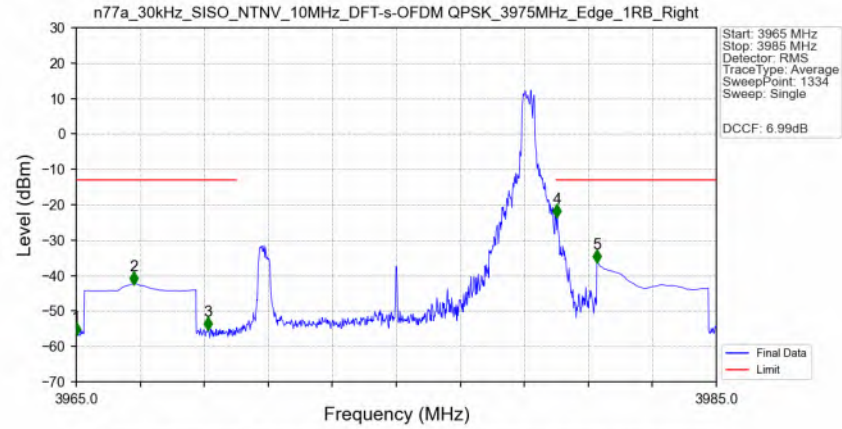
n77a 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3840MHz Edge 1RB Left Ant2



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

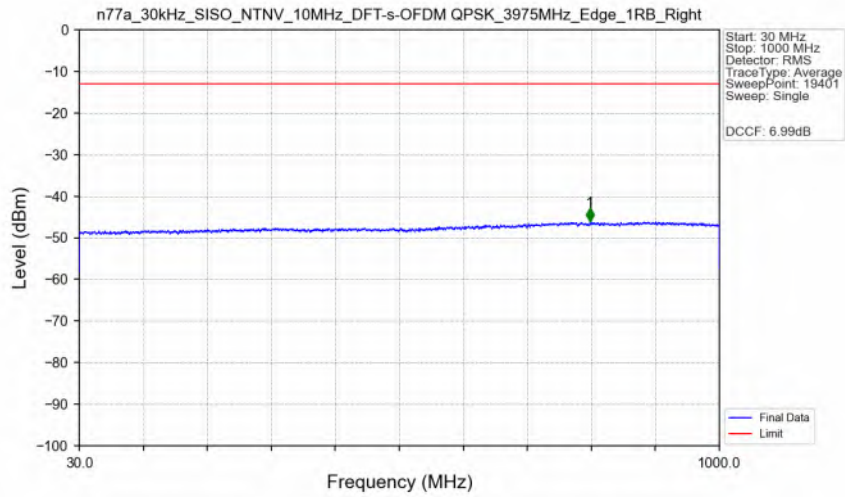


n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3975MHz_Edge_1RB_Right_Ant2



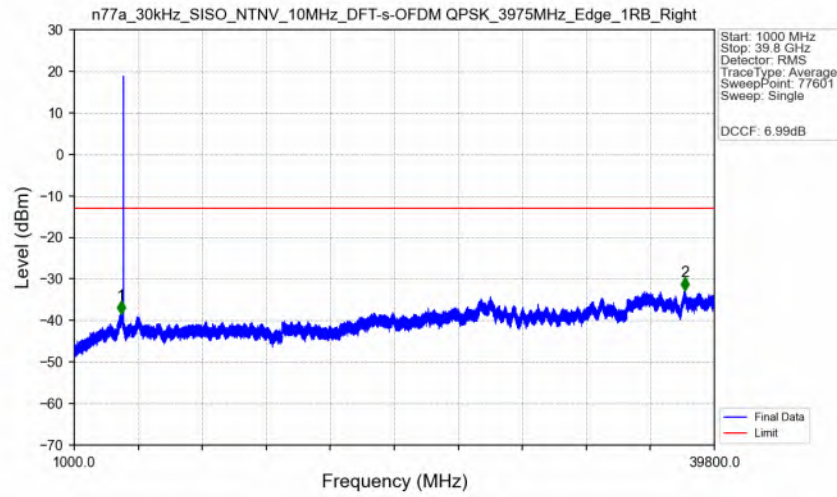
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3965	3965	0.5	/	1	3965.000	-56.54	-13	Pass
3965	3969	0.5	CHP	2	3966.800	-42.22	-13	Pass
3969	3970	0.03	/	3	3969.111	-55.03	-13	Pass
3970	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	4	3980.019	-23.25	-13	Pass
3981	3985	0.5	CHP	5	3981.264	-36.05	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3975MHz_Edge_1RB_Right_Ant2

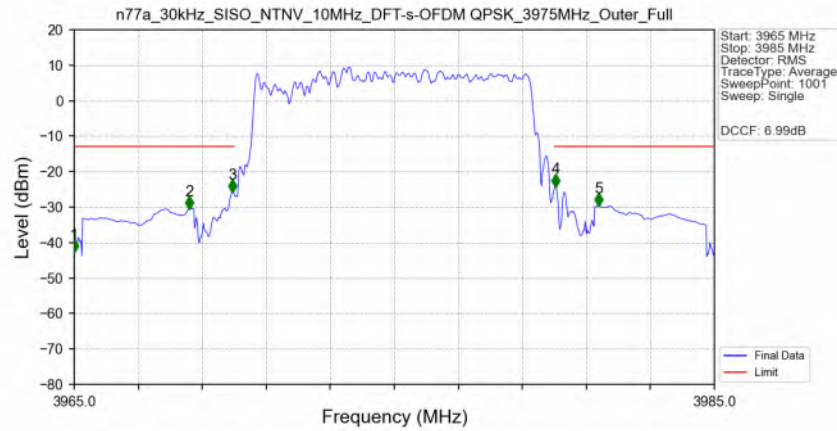


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	803.700	-46.08	-13	Pass

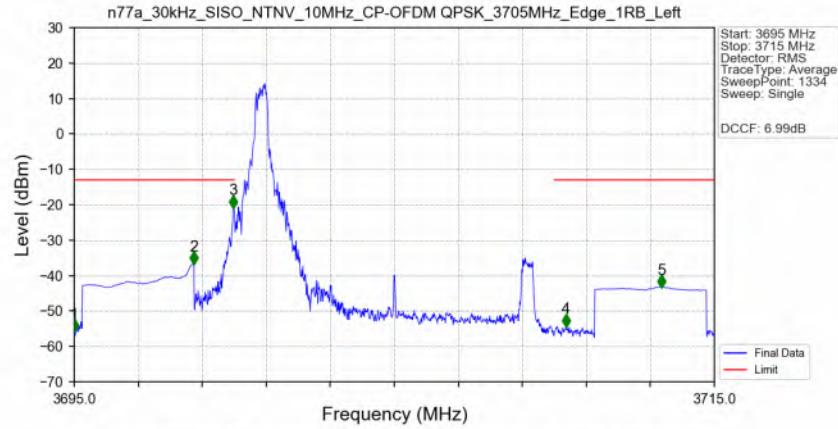
n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3975MHz_Edge_1RB_Right_Ant2



n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3975MHz_Outer_Full_Ant2

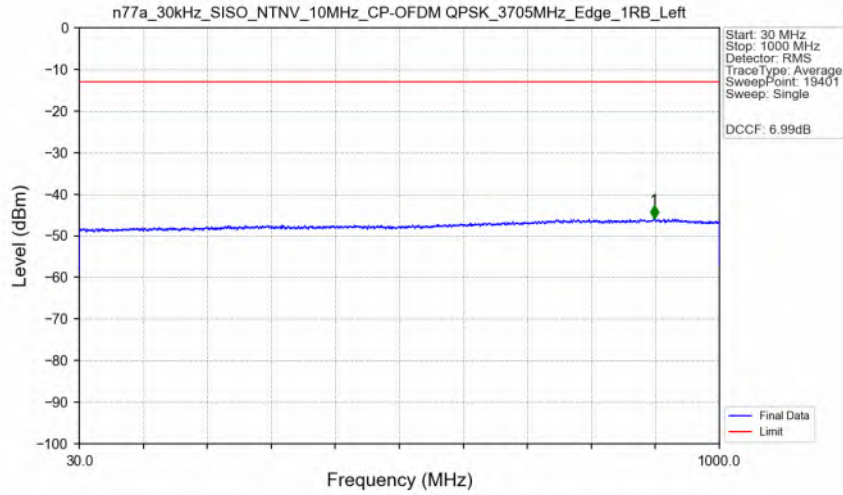


n77a 30kHz SISO NTN 10MHz CP-OFDM QPSK 3705MHz Edge 1RB Left Ant2



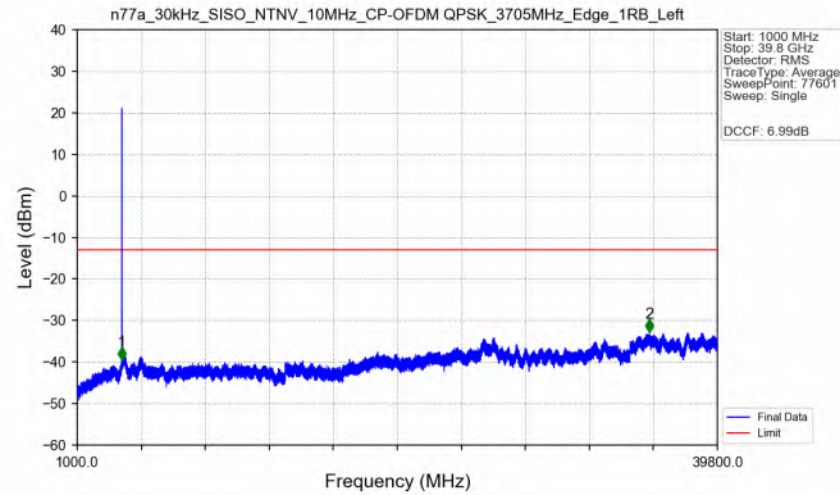
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-55.63	-13	Pass
3695	3699	0.5	CHP	2	3698.736	-36.50	-13	Pass
3699	3700	0.03	/	3	3699.966	-20.64	-13	Pass
3700	3710	0.03	/	/	/	/	/	/
3710	3711	0.03	/	4	3710.364	-54.20	-13	Pass
3711	3715	0.5	CHP	5	3713.350	-43.15	-13	Pass

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



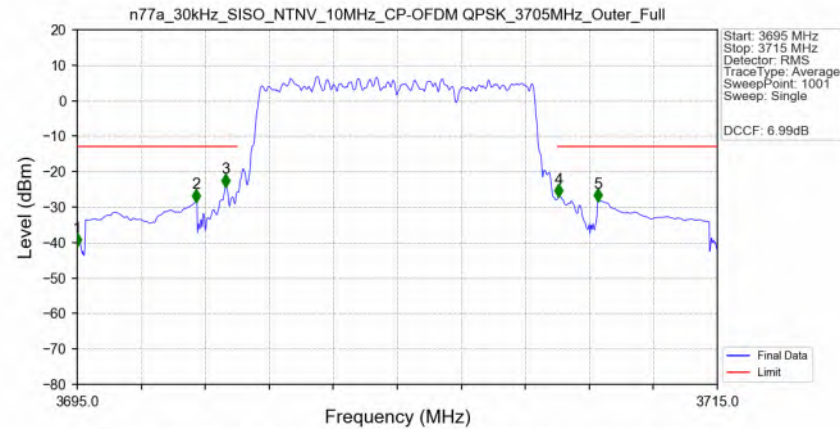
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	900.950	-45.87	-13	Pass

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



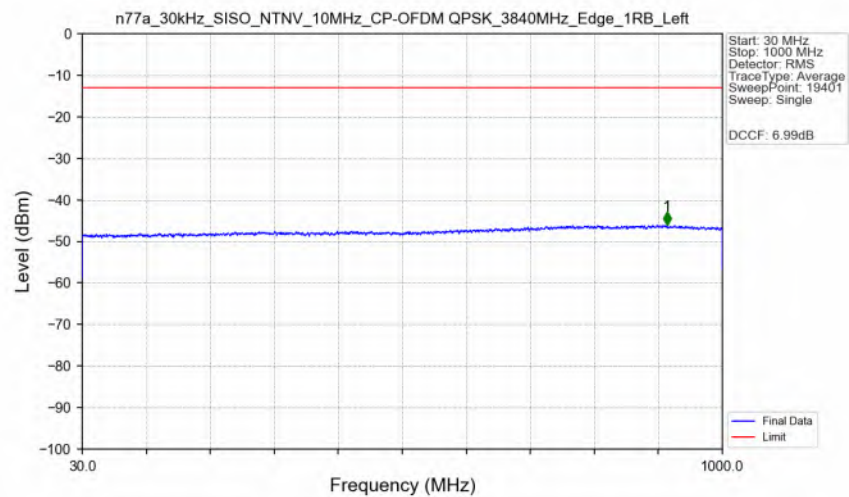
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3692.500	-39.60	-13	Pass
3695	3715	1	/	/	/	/	/	/
3715	39800	1	/	2	35692.000	-32.82	-13	Pass

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



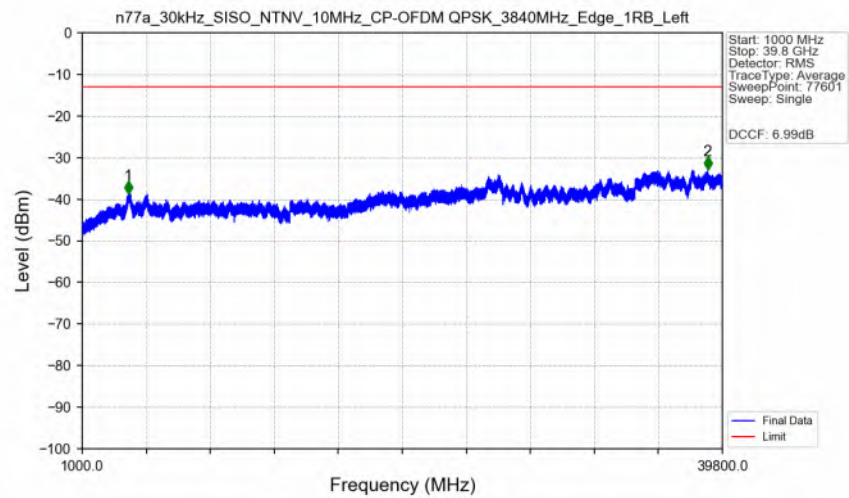
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-40.66	-13	Pass
3695	3699	0.5	CHP	2	3698.720	-28.29	-13	Pass
3699	3700	0.10039	CHP	3	3699.640	-24.03	-13	Pass
3700	3710	0.10039	CHP	/	/	/	/	/
3710	3711	0.10039	CHP	4	3710.040	-26.89	-13	Pass
3711	3715	0.5	CHP	5	3711.260	-28.21	-13	Pass

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



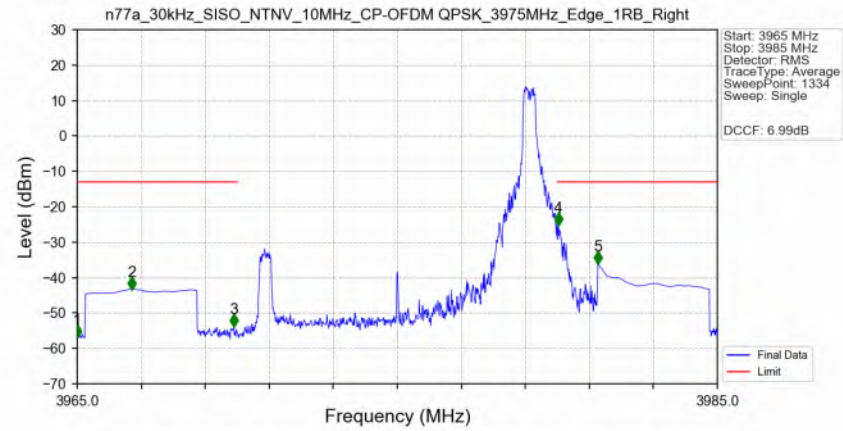
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	916.150	-46.04	-13	Pass

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



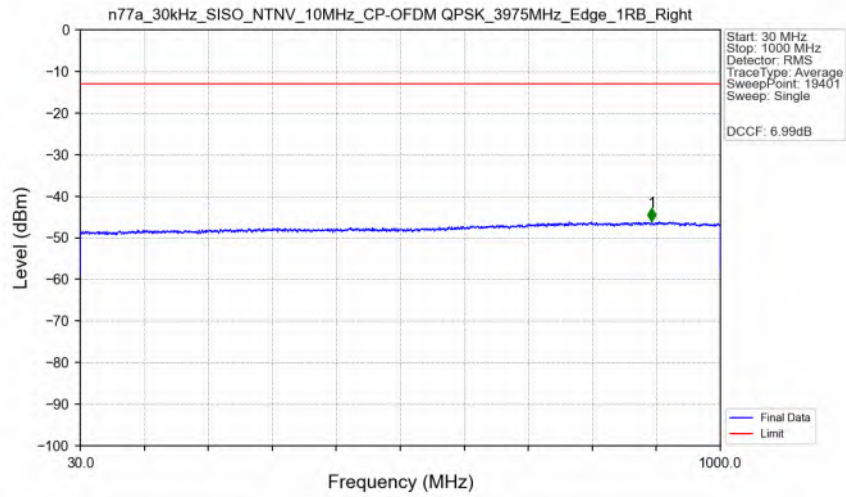
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3830	1	/	1	3779.500	-38.73	-13	Pass
3830	3850	1	/	/	/	/	/	/
3850	39800	1	/	2	38911.500	-32.92	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3975MHz_Edge_1RB_Right_Ant2



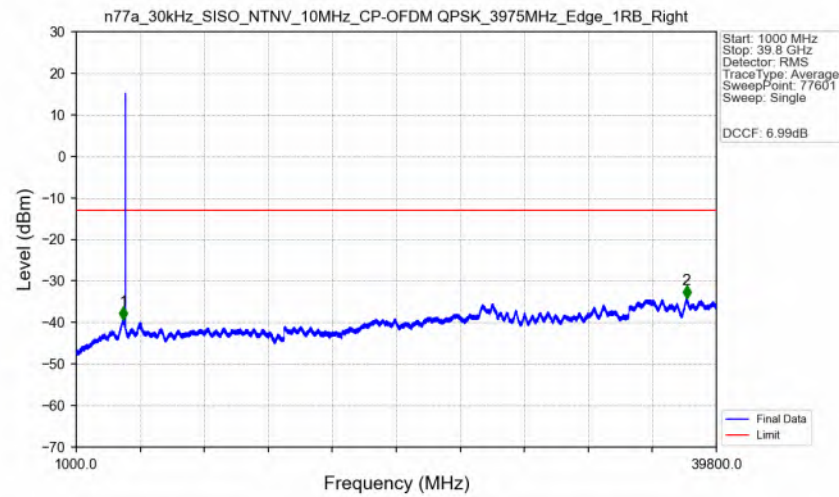
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3965	3965	0.5	/	1	3965.000	-56.67	-13	Pass
3965	3969	0.5	CHP	2	3966.695	-43.24	-13	Pass
3969	3970	0.03	/	3	3969.891	-53.67	-13	Pass
3970	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	4	3980.034	-25.05	-13	Pass
3981	3985	0.5	CHP	5	3981.264	-35.95	-13	Pass

n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3975MHz_Edge_1RB_Right_Ant2



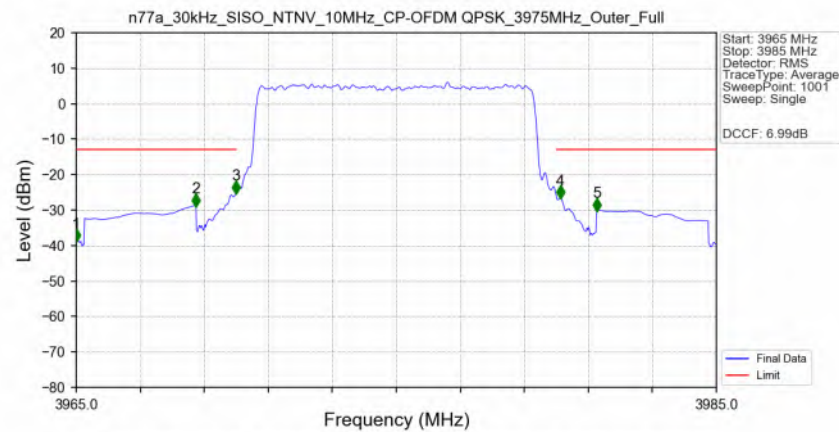
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	896.100	-46.10	-13	Pass

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



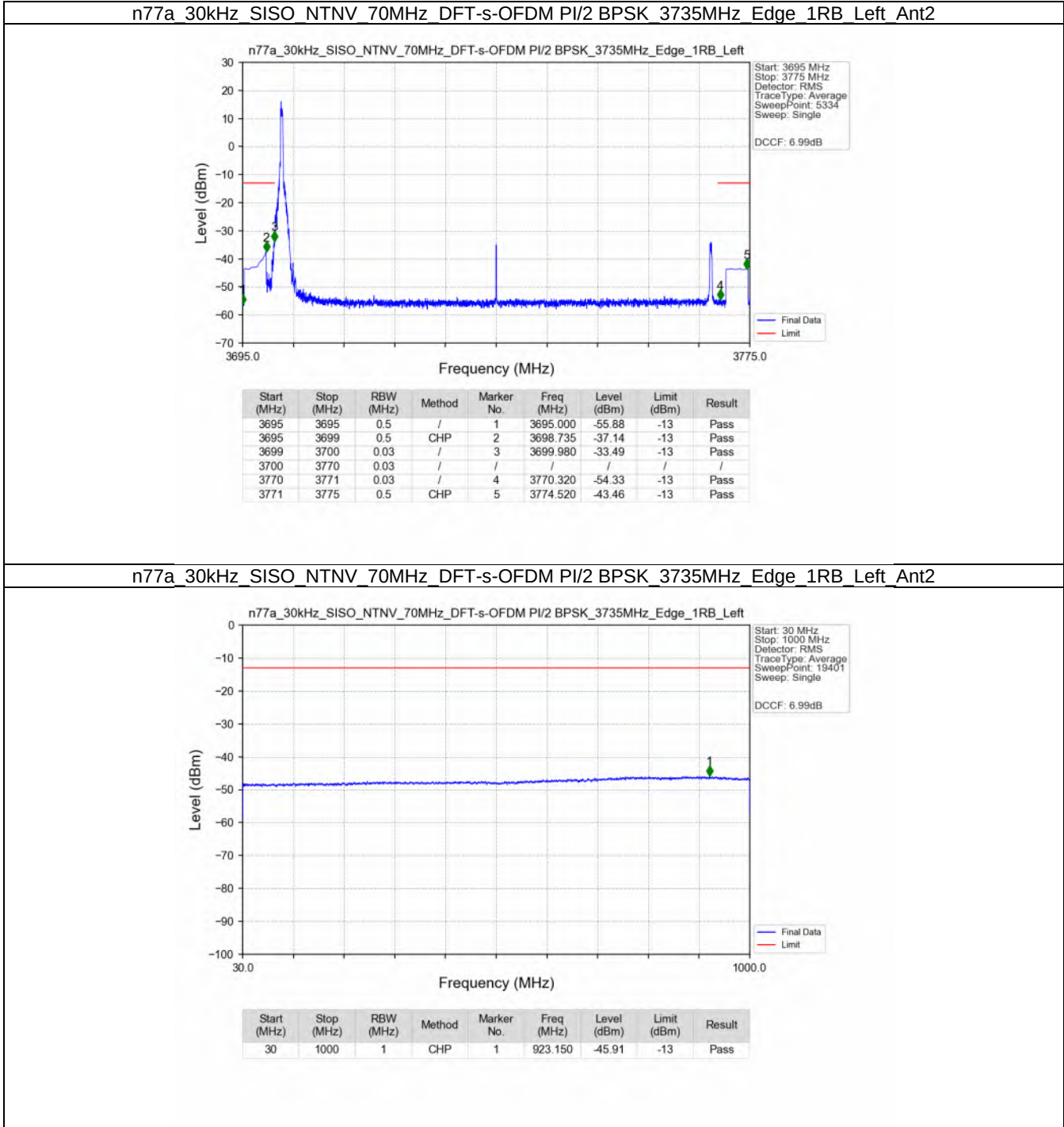
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3965	1	/	1	3853.000	-39.36	-13	Pass
3965	3985	1	/	/	/	/	/	/
3985	39800	1	/	2	37990.000	-34.22	-13	Pass

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

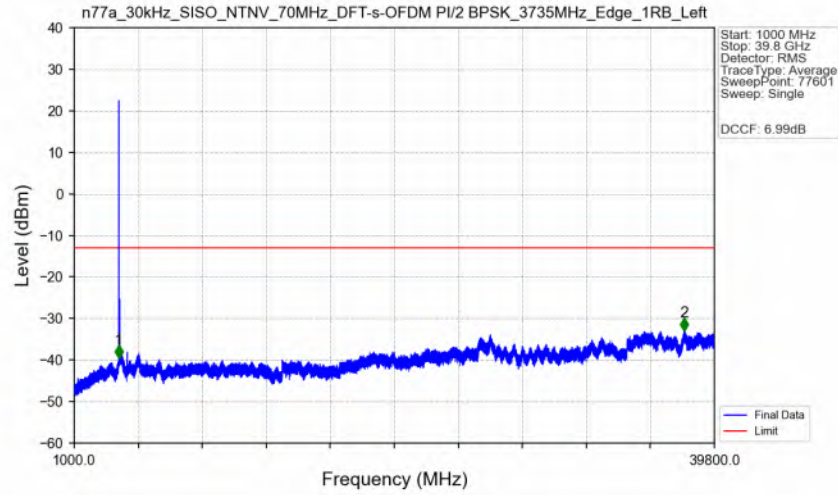


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3965	3965	0.5	/	1	3965.000	-38.64	-13	Pass
3965	3969	0.5	CHP	2	3968.740	-28.75	-13	Pass
3969	3970	0.10039	CHP	3	3969.980	-25.07	-13	Pass
3970	3980	0.10039	CHP	/	/	/	/	/
3980	3981	0.10039	CHP	4	3980.120	-26.44	-13	Pass
3981	3985	0.5	CHP	5	3981.260	-30.02	-13	Pass

5.2.2 30_S_70M_NTNV

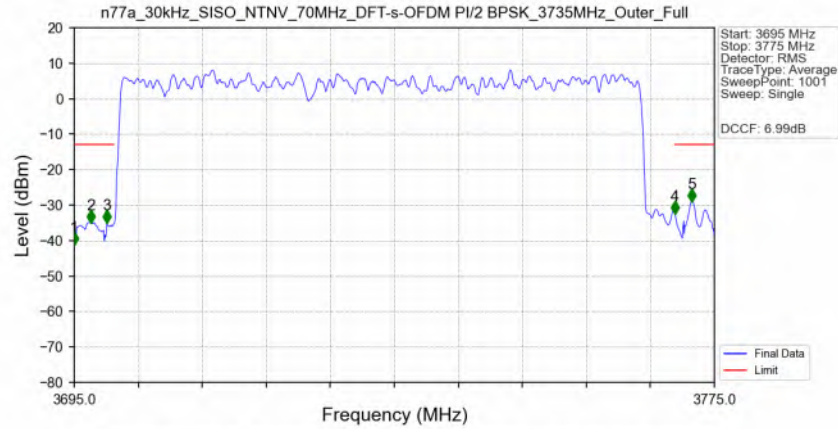


n77a 30kHz SISO NTN 70MHz DFT-s-OFDM PI/2 BPSK 3735MHz Edge 1RB Left Ant2



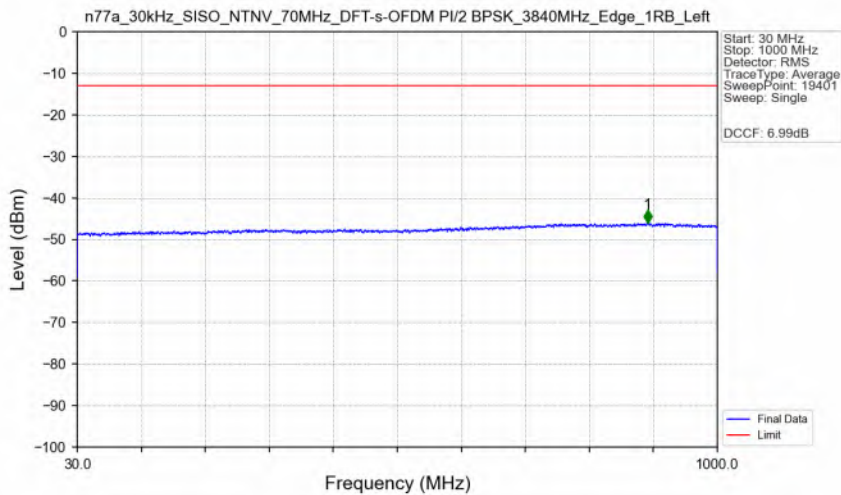
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3693.500	-39.57	-13	Pass
3695	3775	1	/	/	/	/	/	/
3775	39800	1	/	2	37972.500	-32.96	-13	Pass

n77a 30kHz SISO NTN 70MHz DFT-s-OFDM PI/2 BPSK 3735MHz Outer_Full Ant2



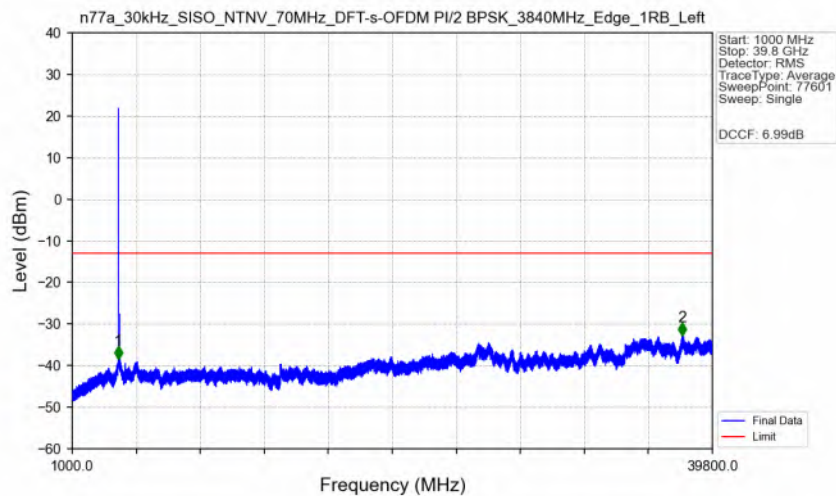
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-41.09	-13	Pass
3695	3699	0.5	CHP	2	3697.080	-34.84	-13	Pass
3699	3700	0.35	CHP	3	3699.080	-34.82	-13	Pass
3700	3770	0.35	CHP	/	/	/	/	/
3770	3771	0.35	CHP	4	3770.040	-32.20	-13	Pass
3771	3775	0.5	CHP	5	3772.200	-28.77	-13	Pass

n77a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_PI/2_BPSK_3840MHz_Edge_1RB_Left_Ant2



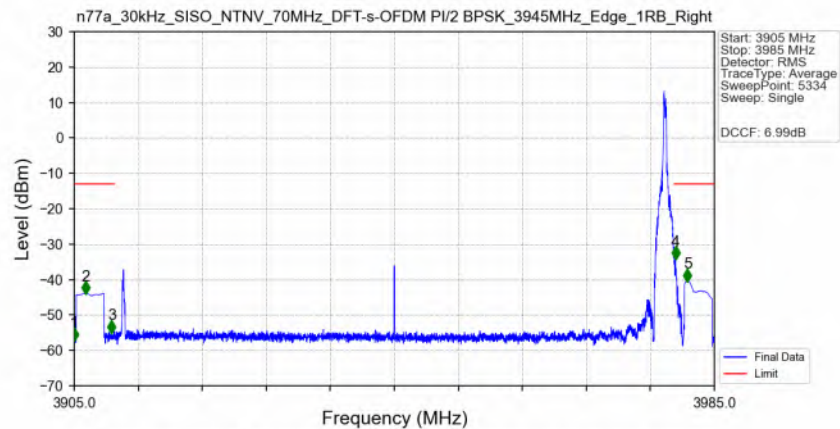
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	894.450	-46.01	-13	Pass

n77a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_PI/2_BPSK_3840MHz_Edge_1RB_Left_Ant2



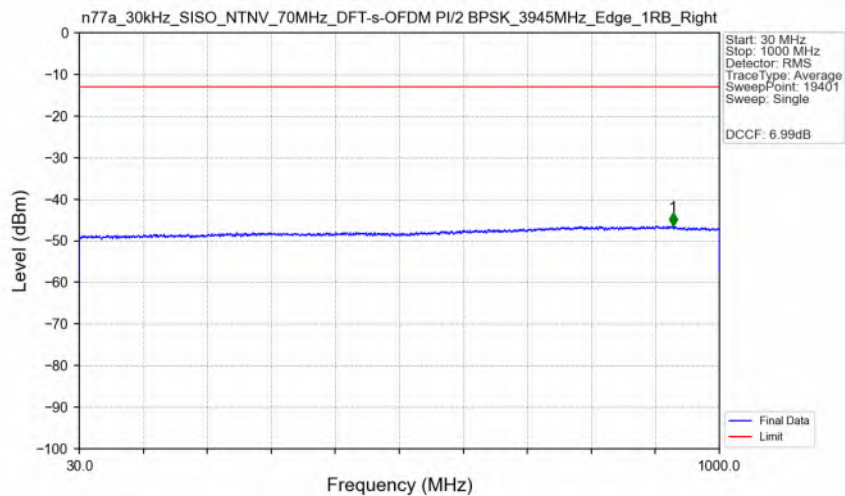
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3800	1	/	1	3796.500	-38.37	-13	Pass
3800	3880	1	/	/	/	/	/	/
3880	39800	1	/	2	37971.000	-32.75	-13	Pass

n77a 30kHz SISO NTN 70MHz DFT-s-OFDM PI/2 BPSK 3945MHz Edge 1RB Right Ant2



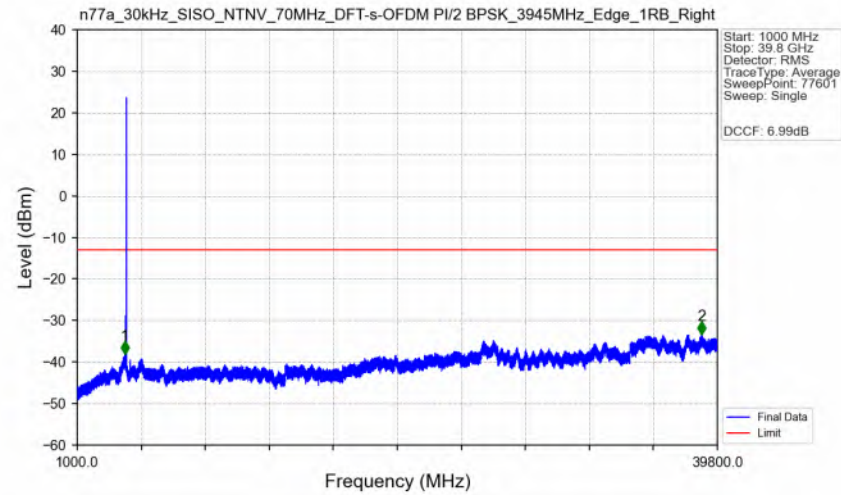
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3905	3905	0.5	/	1	3905.000	-56.96	-13	Pass
3905	3909	0.5	CHP	2	3906.425	-43.88	-13	Pass
3909	3910	0.03	/	3	3909.680	-54.86	-13	Pass
3910	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	4	3980.140	-34.06	-13	Pass
3981	3985	0.5	CHP	5	3981.640	-40.28	-13	Pass

n77a 30kHz SISO NTN 70MHz DFT-s-OFDM PI/2 BPSK 3945MHz Edge 1RB Right Ant2



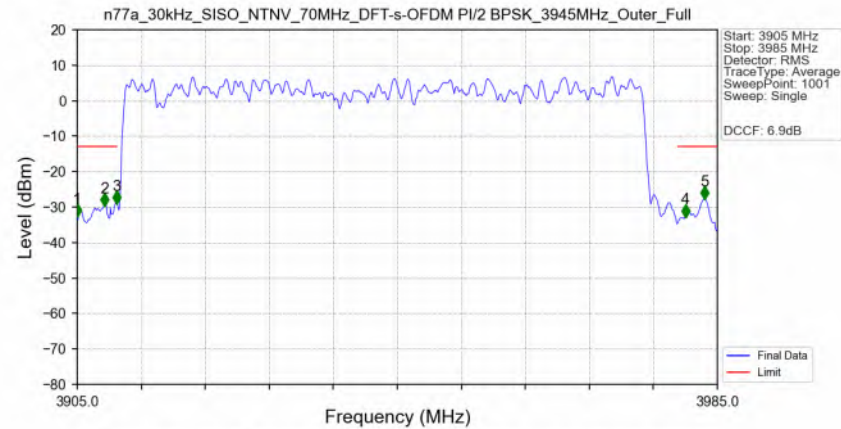
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	930.100	-46.42	-13	Pass

n77a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_PI/2_BPSK_3945MHz_Edge_1RB_Right_Ant2



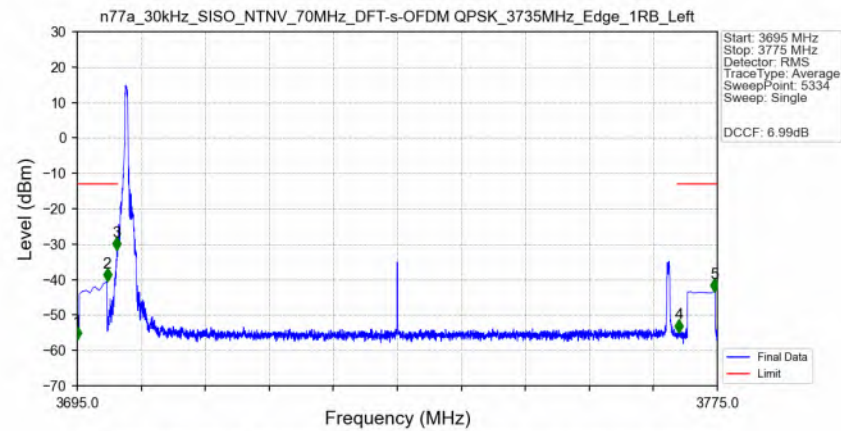
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3905	1	/	1	3877.000	-38.12	-13	Pass
3905	3985	1	/	/	/	/	/	/
3985	39800	1	/	2	38835.000	-33.44	-13	Pass

n77a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_PI/2_BPSK_3945MHz_Outer_Full_Ant2



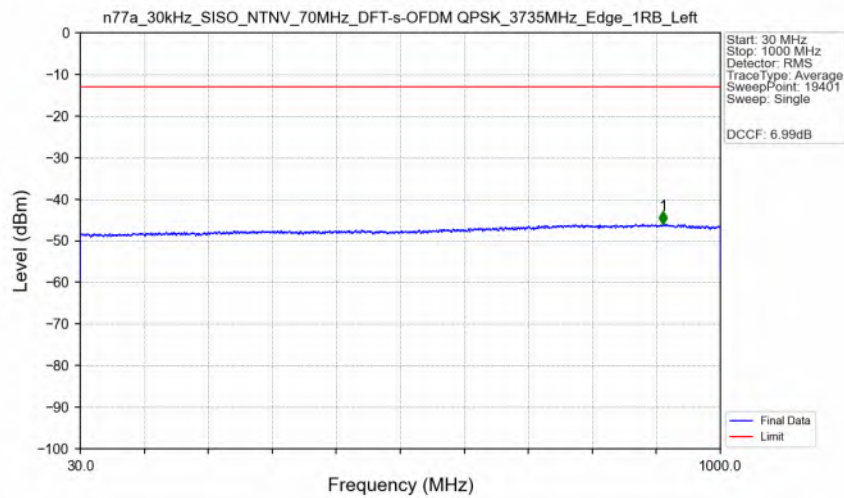
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3905	3905	0.5	/	1	3905.000	-32.39	-13	Pass
3905	3909	0.5	CHP	2	3908.440	-29.47	-13	Pass
3909	3910	0.35	CHP	3	3909.960	-28.83	-13	Pass
3910	3980	0.35	CHP	/	/	/	/	/
3980	3981	0.35	CHP	4	3981.000	-32.58	-13	Pass
3981	3985	0.5	CHP	5	3983.400	-27.60	-13	Pass

n77a 30kHz SISO NTN 70MHz DFT-s-OFDM QPSK 3735MHz Edge 1RB Left Ant2



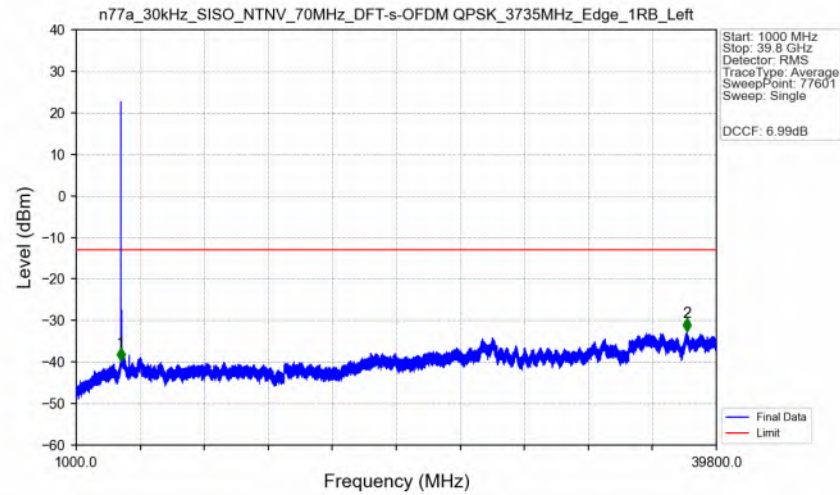
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-56.61	-13	Pass
3695	3699	0.5	CHP	2	3698.735	-40.25	-13	Pass
3699	3700	0.03	/	3	3699.950	-31.38	-13	Pass
3700	3770	0.03	/	/	/	/	/	/
3770	3771	0.03	/	4	3770.185	-54.61	-13	Pass
3771	3775	0.5	CHP	5	3774.625	-43.26	-13	Pass

n77a 30kHz SISO NTN 70MHz DFT-s-OFDM QPSK 3735MHz Edge 1RB Left Ant2



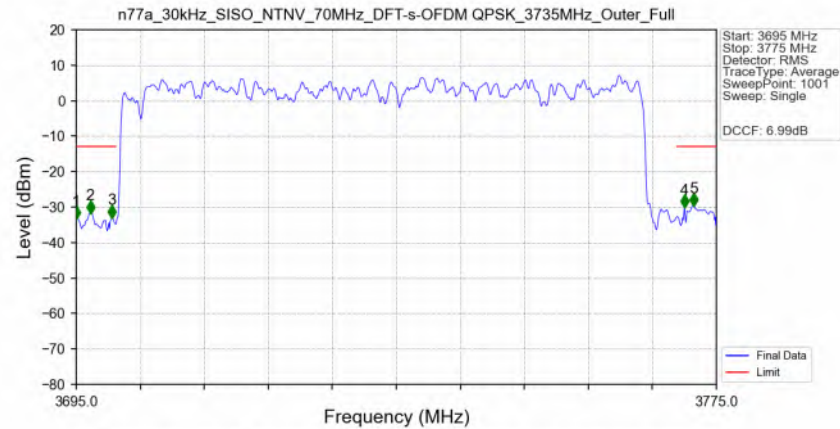
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	913.050	-46.00	-13	Pass

n77a 30kHz SISO NTN 70MHz DFT-s-OFDM QPSK 3735MHz Edge 1RB Left Ant2



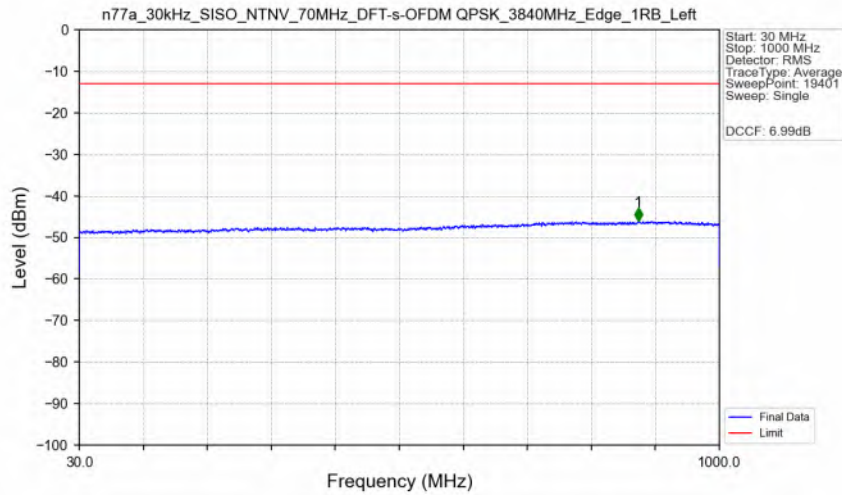
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3695	1	/	1	3694.500	-39.70	-13	Pass
3695	3775	1	/	/	/	/	/	/
3775	39800	1	/	2	38003.000	-32.65	-13	Pass

n77a 30kHz SISO NTN 70MHz DFT-s-OFDM QPSK 3735MHz Outer Full Ant2

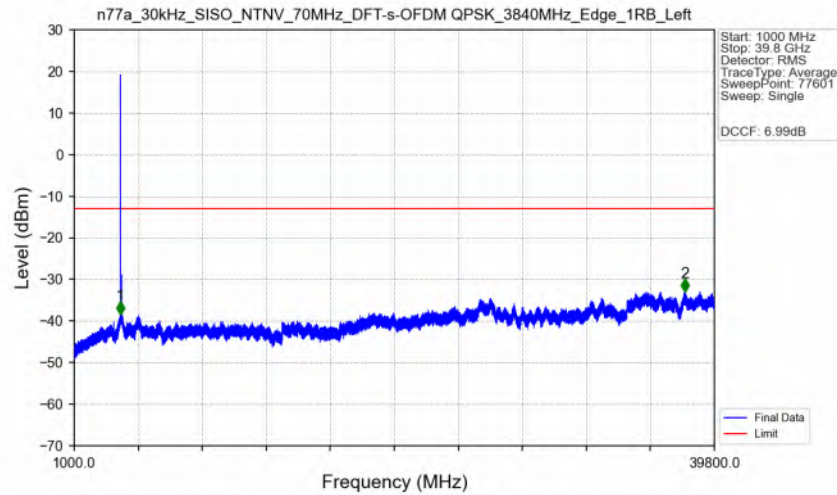


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3695	0.5	/	1	3695.000	-33.05	-13	Pass
3695	3699	0.5	CHP	2	3696.760	-31.49	-13	Pass
3699	3700	0.35	CHP	3	3699.480	-32.81	-13	Pass
3700	3770	0.35	CHP	/	/	/	/	/
3770	3771	0.35	CHP	4	3771.000	-29.86	-13	Pass
3771	3775	0.5	CHP	5	3772.120	-29.47	-13	Pass

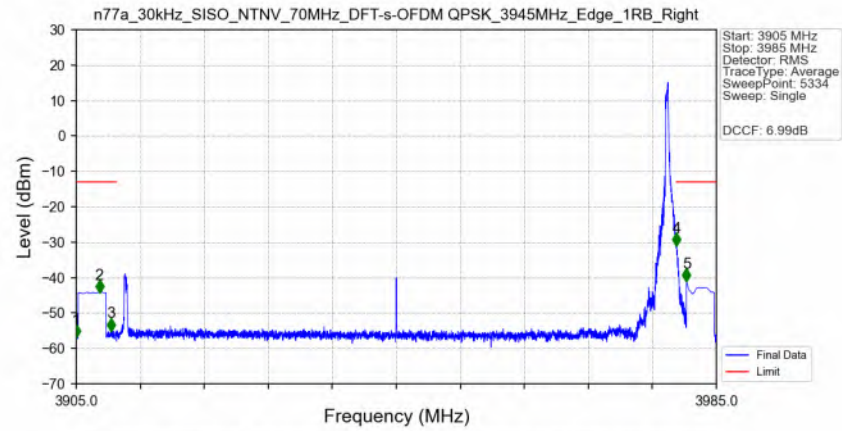
n77a 30kHz SISO NTN 70MHz DFT-s-OFDM QPSK 3840MHz Edge 1RB Left Ant2



n77a 30kHz SISO NTN 70MHz DFT-s-OFDM QPSK 3840MHz Edge 1RB Left Ant2

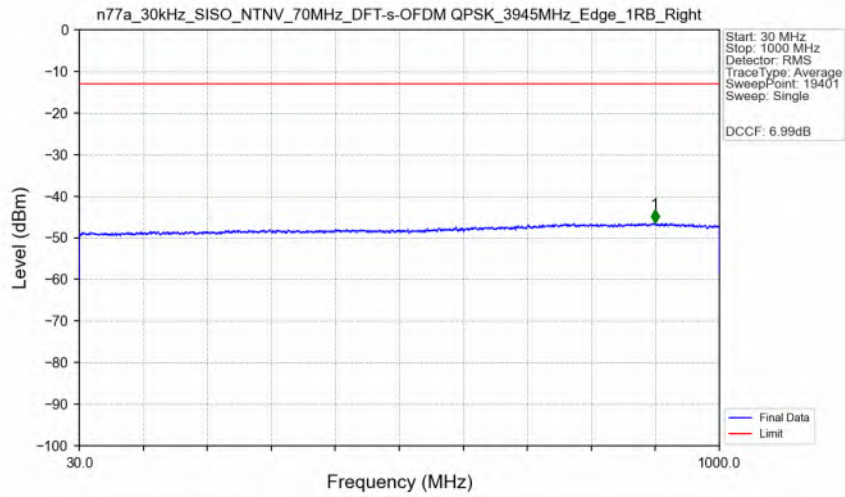


n77a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_QPSK_3945MHz_Edge_1RB_Right_Ant2



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3905	3905	0.5	/	1	3905.000	-56.67	-13	Pass
3905	3909	0.5	CHP	2	3907.895	-44.00	-13	Pass
3909	3910	0.03	/	3	3909.350	-54.87	-13	Pass
3910	3980	0.03	/	/	/	/	/	/
3980	3981	0.03	/	4	3980.020	-30.74	-13	Pass
3981	3985	0.5	CHP	5	3981.265	-40.86	-13	Pass

n77a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_QPSK_3945MHz_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	902.000	-46.41	-13	Pass