

		Outer_Full	22.11	/	/	21.01	/	/	<=30	Pass
		Inner_Full	22.11	/	/	21.01	/	/	<=30	Pass
		Inner_1RB_Left	22.01	/	/	20.91	/	/	<=30	Pass
		Inner_1RB_Right	21.57	/	/	20.47	/	/	<=30	Pass
CP-OFDM QPSK	3725.01	Edge_1RB_Left	22.23	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	21.77	/	/	<=30	Pass
		Outer_Full	23.16	/	/	22.06	/	/	<=30	Pass
		Inner_Full	24.67	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Left	24.16	/	/	23.06	/	/	<=30	Pass
		Inner_1RB_Right	24.75	/	/	23.65	/	/	<=30	Pass
		Edge_1RB_Left	22.94	/	/	21.84	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	21.54	/	/	<=30	Pass
	3840	Outer_Full	23.53	/	/	22.43	/	/	<=30	Pass
		Inner_Full	25.01	/	/	23.91	/	/	<=30	Pass
		Inner_1RB_Left	24.92	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Right	24.57	/	/	23.47	/	/	<=30	Pass
		Edge_1RB_Left	23.10	/	/	22.00	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	21.54	/	/	<=30	Pass
	3954.99	Outer_Full	23.47	/	/	22.37	/	/	<=30	Pass
		Inner_Full	25.10	/	/	24.00	/	/	<=30	Pass
		Inner_1RB_Left	24.96	/	/	23.86	/	/	<=30	Pass
		Inner_1RB_Right	24.59	/	/	23.49	/	/	<=30	Pass
CP-OFDM 16 QAM	3725.01	Edge_1RB_Left	22.36	/	/	21.26	/	/	<=30	Pass
		Edge_1RB_Right	22.95	/	/	21.85	/	/	<=30	Pass
		Outer_Full	23.21	/	/	22.11	/	/	<=30	Pass
		Inner_Full	24.19	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Left	23.84	/	/	22.74	/	/	<=30	Pass
		Inner_1RB_Right	24.38	/	/	23.28	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.03	/	/	21.93	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	21.58	/	/	<=30	Pass
		Outer_Full	23.46	/	/	22.36	/	/	<=30	Pass
		Inner_Full	24.49	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Left	24.51	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Right	24.14	/	/	23.04	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	23.11	/	/	22.01	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	21.60	/	/	<=30	Pass
		Outer_Full	23.59	/	/	22.49	/	/	<=30	Pass
		Inner_Full	24.58	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Left	24.62	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Right	24.21	/	/	23.11	/	/	<=30	Pass
CP-OFDM 64 QAM	3725.01	Edge_1RB_Left	22.36	/	/	21.26	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	21.83	/	/	<=30	Pass
		Outer_Full	22.65	/	/	21.55	/	/	<=30	Pass
		Inner_Full	22.70	/	/	21.60	/	/	<=30	Pass
		Inner_1RB_Left	22.32	/	/	21.22	/	/	<=30	Pass
		Inner_1RB_Right	22.90	/	/	21.80	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.06	/	/	21.96	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	21.63	/	/	<=30	Pass
		Outer_Full	22.98	/	/	21.88	/	/	<=30	Pass
		Inner_Full	22.99	/	/	21.89	/	/	<=30	Pass
		Inner_1RB_Left	23.06	/	/	21.96	/	/	<=30	Pass
		Inner_1RB_Right	22.73	/	/	21.63	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	23.09	/	/	21.99	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	21.56	/	/	<=30	Pass
		Outer_Full	23.05	/	/	21.95	/	/	<=30	Pass
		Inner_Full	23.08	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Left	23.10	/	/	22.00	/	/	<=30	Pass
		Inner_1RB_Right	22.71	/	/	21.61	/	/	<=30	Pass
CP-OFDM 256 QAM	3725.01	Edge_1RB_Left	19.38	/	/	18.28	/	/	<=30	Pass

		Edge 1RB Right	19.86	/	/	18.76	/	/	<=30	Pass
		Outer Full	19.69	/	/	18.59	/	/	<=30	Pass
		Inner Full	19.68	/	/	18.58	/	/	<=30	Pass
		Inner 1RB Left	19.36	/	/	18.26	/	/	<=30	Pass
		Inner 1RB Right	19.91	/	/	18.81	/	/	<=30	Pass
	3840	Edge 1RB Left	20.04	/	/	18.94	/	/	<=30	Pass
		Edge 1RB Right	19.72	/	/	18.62	/	/	<=30	Pass
		Outer Full	19.97	/	/	18.87	/	/	<=30	Pass
		Inner Full	19.96	/	/	18.86	/	/	<=30	Pass
		Inner 1RB Left	20.05	/	/	18.95	/	/	<=30	Pass
	3954.99	Inner 1RB Right	19.68	/	/	18.58	/	/	<=30	Pass
		Edge 1RB Left	20.14	/	/	19.04	/	/	<=30	Pass
		Edge 1RB Right	19.77	/	/	18.67	/	/	<=30	Pass
		Outer Full	20.04	/	/	18.94	/	/	<=30	Pass
		Inner Full	20.15	/	/	19.05	/	/	<=30	Pass
		Inner 1RB Left	20.13	/	/	19.03	/	/	<=30	Pass
		Inner 1RB Right	19.68	/	/	18.58	/	/	<=30	Pass
Note1: Antenna Gain: Ant3: -1.10dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 30_S_60M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant2	Sum	Ant3	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3730.02	Edge 1RB Left	22.37	/	/	21.27	/	/	<=30	Pass
		Edge 1RB Right	22.82	/	/	21.72	/	/	<=30	Pass
		Outer Full	25.59	/	/	24.49	/	/	<=30	Pass
		Inner Full	26.15	/	/	25.05	/	/	<=30	Pass
		Inner 1RB Left	25.85	/	/	24.75	/	/	<=30	Pass
		Inner 1RB Right	26.25	/	/	25.15	/	/	<=30	Pass
	3840	Edge 1RB Left	23.04	/	/	21.94	/	/	<=30	Pass
		Edge 1RB Right	22.67	/	/	21.57	/	/	<=30	Pass
		Outer Full	25.86	/	/	24.76	/	/	<=30	Pass
		Inner Full	26.42	/	/	25.32	/	/	<=30	Pass
		Inner 1RB Left	26.47	/	/	25.37	/	/	<=30	Pass
		Inner 1RB Right	26.13	/	/	25.03	/	/	<=30	Pass
	3949.98	Edge 1RB Left	22.97	/	/	21.87	/	/	<=30	Pass
		Edge 1RB Right	22.81	/	/	21.71	/	/	<=30	Pass
		Outer Full	26.00	/	/	24.90	/	/	<=30	Pass
		Inner Full	26.55	/	/	25.45	/	/	<=30	Pass
		Inner 1RB Left	26.45	/	/	25.35	/	/	<=30	Pass
		Inner 1RB Right	26.28	/	/	25.18	/	/	<=30	Pass
DFT-s-OFDM QPSK	3730.02	Edge 1RB Left	22.38	/	/	21.28	/	/	<=30	Pass
		Edge 1RB Right	22.81	/	/	21.71	/	/	<=30	Pass
		Outer Full	25.11	/	/	24.01	/	/	<=30	Pass
		Inner Full	26.11	/	/	25.01	/	/	<=30	Pass
		Inner 1RB Left	25.95	/	/	24.85	/	/	<=30	Pass
		Inner 1RB Right	26.36	/	/	25.26	/	/	<=30	Pass
	3840	Edge 1RB Left	23.02	/	/	21.92	/	/	<=30	Pass
		Edge 1RB Right	22.66	/	/	21.56	/	/	<=30	Pass
		Outer Full	25.37	/	/	24.27	/	/	<=30	Pass
		Inner Full	26.41	/	/	25.31	/	/	<=30	Pass
		Inner 1RB Left	26.44	/	/	25.34	/	/	<=30	Pass
		Inner 1RB Right	26.20	/	/	25.10	/	/	<=30	Pass
	3949.98	Edge 1RB Left	23.01	/	/	21.91	/	/	<=30	Pass
		Edge 1RB Right	22.83	/	/	21.73	/	/	<=30	Pass
		Outer Full	25.49	/	/	24.39	/	/	<=30	Pass

		Inner_Full	26.56	/	/	25.46	/	/	<=30	Pass
		Inner_1RB_Left	26.58	/	/	25.48	/	/	<=30	Pass
		Inner_1RB_Right	26.40	/	/	25.30	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3730.02	Edge_1RB_Left	22.42	/	/	21.32	/	/	<=30	Pass
		Edge_1RB_Right	22.80	/	/	21.70	/	/	<=30	Pass
		Outer_Full	24.12	/	/	23.02	/	/	<=30	Pass
		Inner_Full	25.16	/	/	24.06	/	/	<=30	Pass
		Inner_1RB_Left	24.89	/	/	23.79	/	/	<=30	Pass
		Inner_1RB_Right	25.32	/	/	24.22	/	/	<=30	Pass
		Edge_1RB_Left	23.08	/	/	21.98	/	/	<=30	Pass
	3840	Edge_1RB_Right	22.68	/	/	21.58	/	/	<=30	Pass
		Outer_Full	24.40	/	/	23.30	/	/	<=30	Pass
		Inner_Full	25.44	/	/	24.34	/	/	<=30	Pass
		Inner_1RB_Left	25.43	/	/	24.33	/	/	<=30	Pass
		Inner_1RB_Right	25.08	/	/	23.98	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	23.06	/	/	21.96	/	/	<=30	Pass
		Edge_1RB_Right	22.90	/	/	21.80	/	/	<=30	Pass
		Outer_Full	24.51	/	/	23.41	/	/	<=30	Pass
		Inner_Full	25.58	/	/	24.48	/	/	<=30	Pass
		Inner_1RB_Left	25.42	/	/	24.32	/	/	<=30	Pass
		Inner_1RB_Right	25.27	/	/	24.17	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3730.02	Edge_1RB_Left	22.46	/	/	21.36	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	21.71	/	/	<=30	Pass
		Outer_Full	23.60	/	/	22.50	/	/	<=30	Pass
		Inner_Full	23.65	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Left	23.39	/	/	22.29	/	/	<=30	Pass
		Inner_1RB_Right	23.83	/	/	22.73	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.97	/	/	21.87	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	21.49	/	/	<=30	Pass
		Outer_Full	23.86	/	/	22.76	/	/	<=30	Pass
		Inner_Full	23.91	/	/	22.81	/	/	<=30	Pass
		Inner_1RB_Left	23.96	/	/	22.86	/	/	<=30	Pass
	3949.98	Inner_1RB_Right	23.61	/	/	22.51	/	/	<=30	Pass
		Edge_1RB_Left	22.98	/	/	21.88	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	21.63	/	/	<=30	Pass
		Outer_Full	24.04	/	/	22.94	/	/	<=30	Pass
		Inner_Full	24.11	/	/	23.01	/	/	<=30	Pass
		Inner_1RB_Left	23.88	/	/	22.78	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3730.02	Inner_1RB_Right	23.69	/	/	22.59	/	/	<=30	Pass
		Edge_1RB_Left	21.22	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	21.65	/	/	20.55	/	/	<=30	Pass
		Outer_Full	21.70	/	/	20.60	/	/	<=30	Pass
		Inner_Full	21.63	/	/	20.53	/	/	<=30	Pass
		Inner_1RB_Left	21.24	/	/	20.14	/	/	<=30	Pass
	3840	Inner_1RB_Right	21.65	/	/	20.55	/	/	<=30	Pass
		Edge_1RB_Left	21.87	/	/	20.77	/	/	<=30	Pass
		Edge_1RB_Right	21.51	/	/	20.41	/	/	<=30	Pass
		Outer_Full	21.92	/	/	20.82	/	/	<=30	Pass
		Inner_Full	21.94	/	/	20.84	/	/	<=30	Pass
		Inner_1RB_Left	21.84	/	/	20.74	/	/	<=30	Pass
	3949.98	Inner_1RB_Right	21.53	/	/	20.43	/	/	<=30	Pass
		Edge_1RB_Left	21.83	/	/	20.73	/	/	<=30	Pass
		Edge_1RB_Right	21.67	/	/	20.57	/	/	<=30	Pass
		Outer_Full	21.98	/	/	20.88	/	/	<=30	Pass
		Inner_Full	22.05	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Left	21.80	/	/	20.70	/	/	<=30	Pass
CP-OFDM QPSK	3730.02	Inner_1RB_Right	21.70	/	/	20.60	/	/	<=30	Pass
		Edge_1RB_Left	22.30	/	/	21.20	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	21.65	/	/	<=30	Pass

		Outer_Full	23.12	/	/	22.02	/	/	<=30	Pass
		Inner_Full	24.66	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Left	24.27	/	/	23.17	/	/	<=30	Pass
		Inner_1RB_Right	24.73	/	/	23.63	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.92	/	/	21.82	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	21.45	/	/	<=30	Pass
		Outer_Full	23.36	/	/	22.26	/	/	<=30	Pass
		Inner_Full	24.97	/	/	23.87	/	/	<=30	Pass
	3949.98	Inner_1RB_Left	24.91	/	/	23.81	/	/	<=30	Pass
		Inner_1RB_Right	24.57	/	/	23.47	/	/	<=30	Pass
		Edge_1RB_Left	22.88	/	/	21.78	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	21.66	/	/	<=30	Pass
CP-OFDM 16 QAM	3730.02	Outer_Full	23.46	/	/	22.36	/	/	<=30	Pass
		Inner_Full	25.09	/	/	23.99	/	/	<=30	Pass
		Inner_1RB_Left	24.88	/	/	23.78	/	/	<=30	Pass
		Inner_1RB_Right	24.72	/	/	23.62	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.42	/	/	21.32	/	/	<=30	Pass
		Edge_1RB_Right	22.86	/	/	21.76	/	/	<=30	Pass
		Outer_Full	23.14	/	/	22.04	/	/	<=30	Pass
		Inner_Full	24.16	/	/	23.06	/	/	<=30	Pass
	3949.98	Inner_1RB_Left	23.85	/	/	22.75	/	/	<=30	Pass
		Inner_1RB_Right	24.28	/	/	23.18	/	/	<=30	Pass
		Edge_1RB_Left	22.99	/	/	21.89	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	21.63	/	/	<=30	Pass
CP-OFDM 64 QAM	3730.02	Outer_Full	23.36	/	/	22.26	/	/	<=30	Pass
		Inner_Full	24.40	/	/	23.30	/	/	<=30	Pass
		Inner_1RB_Left	24.49	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Right	24.16	/	/	23.06	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.97	/	/	21.87	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	21.71	/	/	<=30	Pass
		Outer_Full	23.51	/	/	22.41	/	/	<=30	Pass
		Inner_Full	24.54	/	/	23.44	/	/	<=30	Pass
	3949.98	Inner_1RB_Left	24.47	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Right	24.36	/	/	23.26	/	/	<=30	Pass
		Edge_1RB_Left	22.46	/	/	21.36	/	/	<=30	Pass
		Edge_1RB_Right	22.90	/	/	21.80	/	/	<=30	Pass
CP-OFDM 256 QAM	3730.02	Outer_Full	22.64	/	/	21.54	/	/	<=30	Pass
		Inner_Full	22.64	/	/	21.54	/	/	<=30	Pass
		Inner_1RB_Left	22.52	/	/	21.42	/	/	<=30	Pass
		Inner_1RB_Right	22.87	/	/	21.77	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.09	/	/	21.99	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	21.56	/	/	<=30	Pass
		Outer_Full	22.91	/	/	21.81	/	/	<=30	Pass
		Inner_Full	22.95	/	/	21.85	/	/	<=30	Pass
	3949.98	Inner_1RB_Left	23.08	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Right	22.65	/	/	21.55	/	/	<=30	Pass
		Edge_1RB_Left	23.02	/	/	21.92	/	/	<=30	Pass
		Edge_1RB_Right	22.88	/	/	21.78	/	/	<=30	Pass
	3730.02	Outer_Full	23.04	/	/	21.94	/	/	<=30	Pass
		Inner_Full	23.08	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Left	23.09	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Right	22.86	/	/	21.76	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.34	/	/	18.24	/	/	<=30	Pass
		Edge_1RB_Right	19.80	/	/	18.70	/	/	<=30	Pass
		Outer_Full	19.63	/	/	18.53	/	/	<=30	Pass
		Inner_Full	19.70	/	/	18.60	/	/	<=30	Pass
	3840	Inner_1RB_Left	19.37	/	/	18.27	/	/	<=30	Pass
		Inner_1RB_Right	19.79	/	/	18.69	/	/	<=30	Pass
		Edge_1RB_Left	20.00	/	/	18.90	/	/	<=30	Pass

		Edge_1RB_Right	19.64	/	/	18.54	/	/	<=30	Pass
		Outer_Full	19.98	/	/	18.88	/	/	<=30	Pass
		Inner_Full	19.89	/	/	18.79	/	/	<=30	Pass
		Inner_1RB_Left	19.97	/	/	18.87	/	/	<=30	Pass
		Inner_1RB_Right	19.71	/	/	18.61	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	19.98	/	/	18.88	/	/	<=30	Pass
		Edge_1RB_Right	19.77	/	/	18.67	/	/	<=30	Pass
		Outer_Full	20.02	/	/	18.92	/	/	<=30	Pass
		Inner_Full	20.08	/	/	18.98	/	/	<=30	Pass
		Inner_1RB_Left	19.90	/	/	18.80	/	/	<=30	Pass
		Inner_1RB_Right	19.84	/	/	18.74	/	/	<=30	Pass
	Note1: Antenna Gain: Ant3: -1.10dBi; Note2: EIRP=Conducted Power+Antenna Gain									

1.1.9 30_S_70M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 70MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant2	Sum	Ant3	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3735	Edge_1RB Left	22.26	/	/	21.16	/	/	<=30	Pass
		Edge_1RB Right	22.99	/	/	21.89	/	/	<=30	Pass
		Outer_Full	25.60	/	/	24.50	/	/	<=30	Pass
		Inner_Full	26.15	/	/	25.05	/	/	<=30	Pass
		Inner_1RB Left	25.73	/	/	24.63	/	/	<=30	Pass
	3840	Inner_1RB Right	26.43	/	/	25.33	/	/	<=30	Pass
		Edge_1RB Left	23.01	/	/	21.91	/	/	<=30	Pass
		Edge_1RB Right	22.69	/	/	21.59	/	/	<=30	Pass
		Outer_Full	25.88	/	/	24.78	/	/	<=30	Pass
		Inner_Full	26.44	/	/	25.34	/	/	<=30	Pass
	3945	Inner_1RB Left	26.46	/	/	25.36	/	/	<=30	Pass
		Inner_1RB Right	26.12	/	/	25.02	/	/	<=30	Pass
		Edge_1RB Left	22.76	/	/	21.66	/	/	<=30	Pass
		Edge_1RB Right	22.94	/	/	21.84	/	/	<=30	Pass
		Outer_Full	26.03	/	/	24.93	/	/	<=30	Pass
DFT-s-OFDM QPSK	3735	Inner_Full	26.59	/	/	25.49	/	/	<=30	Pass
		Inner_1RB Left	26.26	/	/	25.16	/	/	<=30	Pass
		Inner_1RB Right	26.40	/	/	25.30	/	/	<=30	Pass
		Edge_1RB Left	22.26	/	/	21.16	/	/	<=30	Pass
		Edge_1RB Right	22.95	/	/	21.85	/	/	<=30	Pass
	3840	Outer_Full	25.12	/	/	24.02	/	/	<=30	Pass
		Inner_Full	26.18	/	/	25.08	/	/	<=30	Pass
		Inner_1RB Left	25.75	/	/	24.65	/	/	<=30	Pass
		Inner_1RB Right	26.53	/	/	25.43	/	/	<=30	Pass
		Edge_1RB Left	22.98	/	/	21.88	/	/	<=30	Pass
	3945	Edge_1RB Right	22.67	/	/	21.57	/	/	<=30	Pass
		Outer_Full	25.41	/	/	24.31	/	/	<=30	Pass
		Inner_Full	26.44	/	/	25.34	/	/	<=30	Pass
		Inner_1RB Left	26.51	/	/	25.41	/	/	<=30	Pass
		Inner_1RB Right	26.10	/	/	25.00	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3735	Edge_1RB Left	22.78	/	/	21.68	/	/	<=30	Pass
		Edge_1RB Right	22.97	/	/	21.87	/	/	<=30	Pass
		Outer_Full	25.55	/	/	24.45	/	/	<=30	Pass
		Inner_Full	26.63	/	/	25.53	/	/	<=30	Pass
		Inner_1RB Left	26.26	/	/	25.16	/	/	<=30	Pass
	3735	Inner_1RB Right	26.56	/	/	25.46	/	/	<=30	Pass
		Edge_1RB Left	22.33	/	/	21.23	/	/	<=30	Pass
		Edge_1RB Right	23.01	/	/	21.91	/	/	<=30	Pass
	3735	Outer_Full	24.16	/	/	23.06	/	/	<=30	Pass

		Inner_Full	25.23	/	/	24.13	/	/	<=30	Pass
		Inner_1RB_Left	24.79	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Right	25.47	/	/	24.37	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.04	/	/	21.94	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	21.63	/	/	<=30	Pass
		Outer_Full	24.44	/	/	23.34	/	/	<=30	Pass
		Inner_Full	25.46	/	/	24.36	/	/	<=30	Pass
		Inner_1RB_Left	25.50	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Right	25.12	/	/	24.02	/	/	<=30	Pass
	3945	Edge_1RB_Left	22.83	/	/	21.73	/	/	<=30	Pass
		Edge_1RB_Right	22.96	/	/	21.86	/	/	<=30	Pass
		Outer_Full	24.56	/	/	23.46	/	/	<=30	Pass
		Inner_Full	25.61	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Left	25.28	/	/	24.18	/	/	<=30	Pass
		Inner_1RB_Right	25.40	/	/	24.30	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3735	Edge_1RB_Left	22.34	/	/	21.24	/	/	<=30	Pass
		Edge_1RB_Right	22.99	/	/	21.89	/	/	<=30	Pass
		Outer_Full	23.64	/	/	22.54	/	/	<=30	Pass
		Inner_Full	23.70	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Left	23.29	/	/	22.19	/	/	<=30	Pass
		Inner_1RB_Right	23.98	/	/	22.88	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.04	/	/	21.94	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	21.51	/	/	<=30	Pass
		Outer_Full	23.94	/	/	22.84	/	/	<=30	Pass
		Inner_Full	23.96	/	/	22.86	/	/	<=30	Pass
		Inner_1RB_Left	24.01	/	/	22.91	/	/	<=30	Pass
		Inner_1RB_Right	23.67	/	/	22.57	/	/	<=30	Pass
	3945	Edge_1RB_Left	22.76	/	/	21.66	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	21.84	/	/	<=30	Pass
		Outer_Full	24.04	/	/	22.94	/	/	<=30	Pass
		Inner_Full	24.12	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Left	23.72	/	/	22.62	/	/	<=30	Pass
		Inner_1RB_Right	23.87	/	/	22.77	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3735	Edge_1RB_Left	21.14	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	21.84	/	/	20.74	/	/	<=30	Pass
		Outer_Full	21.65	/	/	20.55	/	/	<=30	Pass
		Inner_Full	21.72	/	/	20.62	/	/	<=30	Pass
		Inner_1RB_Left	21.11	/	/	20.01	/	/	<=30	Pass
		Inner_1RB_Right	21.83	/	/	20.73	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.87	/	/	20.77	/	/	<=30	Pass
		Edge_1RB_Right	21.52	/	/	20.42	/	/	<=30	Pass
		Outer_Full	21.97	/	/	20.87	/	/	<=30	Pass
		Inner_Full	21.99	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Left	21.91	/	/	20.81	/	/	<=30	Pass
		Inner_1RB_Right	21.51	/	/	20.41	/	/	<=30	Pass
	3945	Edge_1RB_Left	21.63	/	/	20.53	/	/	<=30	Pass
		Edge_1RB_Right	21.81	/	/	20.71	/	/	<=30	Pass
		Outer_Full	22.09	/	/	20.99	/	/	<=30	Pass
		Inner_Full	22.20	/	/	21.10	/	/	<=30	Pass
		Inner_1RB_Left	21.69	/	/	20.59	/	/	<=30	Pass
		Inner_1RB_Right	21.81	/	/	20.71	/	/	<=30	Pass
CP-OFDM QPSK	3735	Edge_1RB_Left	22.21	/	/	21.11	/	/	<=30	Pass
		Edge_1RB_Right	22.86	/	/	21.76	/	/	<=30	Pass
		Outer_Full	23.23	/	/	22.13	/	/	<=30	Pass
		Inner_Full	24.71	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Left	24.16	/	/	23.06	/	/	<=30	Pass
		Inner_1RB_Right	24.91	/	/	23.81	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.91	/	/	21.81	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	21.47	/	/	<=30	Pass

		Outer_Full	23.46	/	/	22.36	/	/	<=30	Pass
		Inner_Full	24.96	/	/	23.86	/	/	<=30	Pass
		Inner_1RB_Left	24.87	/	/	23.77	/	/	<=30	Pass
		Inner_1RB_Right	24.56	/	/	23.46	/	/	<=30	Pass
	3945	Edge_1RB_Left	22.66	/	/	21.56	/	/	<=30	Pass
		Edge_1RB_Right	22.89	/	/	21.79	/	/	<=30	Pass
		Outer_Full	23.54	/	/	22.44	/	/	<=30	Pass
		Inner_Full	25.08	/	/	23.98	/	/	<=30	Pass
		Inner_1RB_Left	24.67	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Right	24.96	/	/	23.86	/	/	<=30	Pass
CP-OFDM 16 QAM	3735	Edge_1RB_Left	22.36	/	/	21.26	/	/	<=30	Pass
		Edge_1RB_Right	23.00	/	/	21.90	/	/	<=30	Pass
		Outer_Full	23.17	/	/	22.07	/	/	<=30	Pass
		Inner_Full	24.20	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Left	23.75	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Right	24.46	/	/	23.36	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.11	/	/	22.01	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	21.58	/	/	<=30	Pass
		Outer_Full	23.43	/	/	22.33	/	/	<=30	Pass
		Inner_Full	24.46	/	/	23.36	/	/	<=30	Pass
		Inner_1RB_Left	24.48	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Right	24.16	/	/	23.06	/	/	<=30	Pass
	3945	Edge_1RB_Left	22.77	/	/	21.67	/	/	<=30	Pass
		Edge_1RB_Right	23.03	/	/	21.93	/	/	<=30	Pass
		Outer_Full	23.60	/	/	22.50	/	/	<=30	Pass
		Inner_Full	24.61	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Left	24.30	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Right	24.48	/	/	23.38	/	/	<=30	Pass
CP-OFDM 64 QAM	3735	Edge_1RB_Left	22.40	/	/	21.30	/	/	<=30	Pass
		Edge_1RB_Right	23.03	/	/	21.93	/	/	<=30	Pass
		Outer_Full	22.73	/	/	21.63	/	/	<=30	Pass
		Inner_Full	22.74	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Left	22.34	/	/	21.24	/	/	<=30	Pass
		Inner_1RB_Right	23.10	/	/	22.00	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.07	/	/	21.97	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	21.57	/	/	<=30	Pass
		Outer_Full	22.93	/	/	21.83	/	/	<=30	Pass
		Inner_Full	23.00	/	/	21.90	/	/	<=30	Pass
		Inner_1RB_Left	23.05	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Right	22.68	/	/	21.58	/	/	<=30	Pass
	3945	Edge_1RB_Left	22.81	/	/	21.71	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	21.87	/	/	<=30	Pass
		Outer_Full	23.03	/	/	21.93	/	/	<=30	Pass
		Inner_Full	23.13	/	/	22.03	/	/	<=30	Pass
		Inner_1RB_Left	22.85	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Right	23.00	/	/	21.90	/	/	<=30	Pass
CP-OFDM 256 QAM	3735	Edge_1RB_Left	19.27	/	/	18.17	/	/	<=30	Pass
		Edge_1RB_Right	19.73	/	/	18.63	/	/	<=30	Pass
		Outer_Full	19.62	/	/	18.52	/	/	<=30	Pass
		Inner_Full	19.55	/	/	18.45	/	/	<=30	Pass
		Inner_1RB_Left	19.29	/	/	18.19	/	/	<=30	Pass
		Inner_1RB_Right	19.78	/	/	18.68	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.90	/	/	18.80	/	/	<=30	Pass
		Edge_1RB_Right	19.60	/	/	18.50	/	/	<=30	Pass
		Outer_Full	20.01	/	/	18.91	/	/	<=30	Pass
		Inner_Full	20.04	/	/	18.94	/	/	<=30	Pass
		Inner_1RB_Left	19.91	/	/	18.81	/	/	<=30	Pass
		Inner_1RB_Right	19.62	/	/	18.52	/	/	<=30	Pass
	3945	Edge_1RB_Left	19.65	/	/	18.55	/	/	<=30	Pass

		Edge 1RB Right	19.83	/	/	18.73	/	/	<=30	Pass
		Outer Full	20.08	/	/	18.98	/	/	<=30	Pass
		Inner Full	20.13	/	/	19.03	/	/	<=30	Pass
		Inner 1RB Left	19.70	/	/	18.60	/	/	<=30	Pass
		Inner 1RB Right	19.89	/	/	18.79	/	/	<=30	Pass
Note1: Antenna Gain: Ant3: -1.10dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.10 30_S_80M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant2	Sum	Ant3	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3740.01	Edge 1RB Left	22.42	/	/	21.32	/	/	<=30	Pass
		Edge 1RB Right	22.88	/	/	21.78	/	/	<=30	Pass
		Outer Full	25.65	/	/	24.55	/	/	<=30	Pass
		Inner Full	26.23	/	/	25.13	/	/	<=30	Pass
		Inner 1RB Left	25.86	/	/	24.76	/	/	<=30	Pass
		Inner 1RB Right	26.36	/	/	25.26	/	/	<=30	Pass
	3840	Edge 1RB Left	22.94	/	/	21.84	/	/	<=30	Pass
		Edge 1RB Right	22.72	/	/	21.62	/	/	<=30	Pass
		Outer Full	25.88	/	/	24.78	/	/	<=30	Pass
		Inner Full	26.43	/	/	25.33	/	/	<=30	Pass
		Inner 1RB Left	26.42	/	/	25.32	/	/	<=30	Pass
		Inner 1RB Right	26.15	/	/	25.05	/	/	<=30	Pass
	3939.99	Edge 1RB Left	22.85	/	/	21.75	/	/	<=30	Pass
		Edge 1RB Right	22.84	/	/	21.74	/	/	<=30	Pass
		Outer Full	26.05	/	/	24.95	/	/	<=30	Pass
		Inner Full	26.68	/	/	25.58	/	/	<=30	Pass
		Inner 1RB Left	26.38	/	/	25.28	/	/	<=30	Pass
		Inner 1RB Right	26.29	/	/	25.19	/	/	<=30	Pass
DFT-s-OFDM QPSK	3740.01	Edge 1RB Left	22.41	/	/	21.31	/	/	<=30	Pass
		Edge 1RB Right	22.86	/	/	21.76	/	/	<=30	Pass
		Outer Full	25.17	/	/	24.07	/	/	<=30	Pass
		Inner Full	26.27	/	/	25.17	/	/	<=30	Pass
		Inner 1RB Left	25.89	/	/	24.79	/	/	<=30	Pass
		Inner 1RB Right	26.45	/	/	25.35	/	/	<=30	Pass
	3840	Edge 1RB Left	22.94	/	/	21.84	/	/	<=30	Pass
		Edge 1RB Right	22.72	/	/	21.62	/	/	<=30	Pass
		Outer Full	25.43	/	/	24.33	/	/	<=30	Pass
		Inner Full	26.50	/	/	25.40	/	/	<=30	Pass
		Inner 1RB Left	26.43	/	/	25.33	/	/	<=30	Pass
		Inner 1RB Right	26.27	/	/	25.17	/	/	<=30	Pass
	3939.99	Edge 1RB Left	22.83	/	/	21.73	/	/	<=30	Pass
		Edge 1RB Right	22.90	/	/	21.80	/	/	<=30	Pass
		Outer Full	25.52	/	/	24.42	/	/	<=30	Pass
		Inner Full	26.68	/	/	25.58	/	/	<=30	Pass
		Inner 1RB Left	26.48	/	/	25.38	/	/	<=30	Pass
		Inner 1RB Right	26.27	/	/	25.17	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3740.01	Edge 1RB Left	22.48	/	/	21.38	/	/	<=30	Pass
		Edge 1RB Right	22.94	/	/	21.84	/	/	<=30	Pass
		Outer Full	24.17	/	/	23.07	/	/	<=30	Pass
		Inner Full	25.27	/	/	24.17	/	/	<=30	Pass
		Inner 1RB Left	24.97	/	/	23.87	/	/	<=30	Pass
		Inner 1RB Right	25.45	/	/	24.35	/	/	<=30	Pass
	3840	Edge 1RB Left	23.01	/	/	21.91	/	/	<=30	Pass
		Edge 1RB Right	22.76	/	/	21.66	/	/	<=30	Pass
	Outer Full	24.42	/	/	23.32	/	/	<=30	Pass	

		Inner_Full	25.48	/	/	24.38	/	/	<=30	Pass
		Inner_1RB_Left	25.50	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Right	25.24	/	/	24.14	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	22.92	/	/	21.82	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	21.81	/	/	<=30	Pass
		Outer_Full	24.57	/	/	23.47	/	/	<=30	Pass
		Inner_Full	25.69	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Left	25.38	/	/	24.28	/	/	<=30	Pass
		Inner_1RB_Right	25.30	/	/	24.20	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3740.01	Edge_1RB_Left	22.44	/	/	21.34	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	21.83	/	/	<=30	Pass
		Outer_Full	23.70	/	/	22.60	/	/	<=30	Pass
		Inner_Full	23.76	/	/	22.66	/	/	<=30	Pass
		Inner_1RB_Left	23.45	/	/	22.35	/	/	<=30	Pass
		Inner_1RB_Right	23.79	/	/	22.69	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.93	/	/	21.83	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	21.65	/	/	<=30	Pass
		Outer_Full	24.01	/	/	22.91	/	/	<=30	Pass
		Inner_Full	23.95	/	/	22.85	/	/	<=30	Pass
		Inner_1RB_Left	23.94	/	/	22.84	/	/	<=30	Pass
		Inner_1RB_Right	23.67	/	/	22.57	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	22.89	/	/	21.79	/	/	<=30	Pass
		Edge_1RB_Right	22.86	/	/	21.76	/	/	<=30	Pass
		Outer_Full	24.09	/	/	22.99	/	/	<=30	Pass
		Inner_Full	24.21	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Left	23.83	/	/	22.73	/	/	<=30	Pass
		Inner_1RB_Right	23.83	/	/	22.73	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3740.01	Edge_1RB_Left	21.24	/	/	20.14	/	/	<=30	Pass
		Edge_1RB_Right	21.74	/	/	20.64	/	/	<=30	Pass
		Outer_Full	21.72	/	/	20.62	/	/	<=30	Pass
		Inner_Full	21.78	/	/	20.68	/	/	<=30	Pass
		Inner_1RB_Left	21.25	/	/	20.15	/	/	<=30	Pass
		Inner_1RB_Right	21.73	/	/	20.63	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.82	/	/	20.72	/	/	<=30	Pass
		Edge_1RB_Right	21.54	/	/	20.44	/	/	<=30	Pass
		Outer_Full	21.97	/	/	20.87	/	/	<=30	Pass
		Inner_Full	21.98	/	/	20.88	/	/	<=30	Pass
		Inner_1RB_Left	21.83	/	/	20.73	/	/	<=30	Pass
		Inner_1RB_Right	21.53	/	/	20.43	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	21.70	/	/	20.60	/	/	<=30	Pass
		Edge_1RB_Right	21.72	/	/	20.62	/	/	<=30	Pass
		Outer_Full	22.06	/	/	20.96	/	/	<=30	Pass
		Inner_Full	22.17	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Left	21.75	/	/	20.65	/	/	<=30	Pass
		Inner_1RB_Right	21.70	/	/	20.60	/	/	<=30	Pass
CP-OFDM QPSK	3740.01	Edge_1RB_Left	22.35	/	/	21.25	/	/	<=30	Pass
		Edge_1RB_Right	22.82	/	/	21.72	/	/	<=30	Pass
		Outer_Full	23.22	/	/	22.12	/	/	<=30	Pass
		Inner_Full	24.76	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Left	24.24	/	/	23.14	/	/	<=30	Pass
		Inner_1RB_Right	24.79	/	/	23.69	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.85	/	/	21.75	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	21.48	/	/	<=30	Pass
		Outer_Full	23.43	/	/	22.33	/	/	<=30	Pass
		Inner_Full	24.94	/	/	23.84	/	/	<=30	Pass
		Inner_1RB_Left	24.82	/	/	23.72	/	/	<=30	Pass
		Inner_1RB_Right	24.59	/	/	23.49	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	22.71	/	/	21.61	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	21.63	/	/	<=30	Pass

		Outer_Full	23.52	/	/	22.42	/	/	<=30	Pass
		Inner_Full	25.13	/	/	24.03	/	/	<=30	Pass
		Inner_1RB_Left	24.73	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Right	24.74	/	/	23.64	/	/	<=30	Pass
CP-OFDM 16 QAM	3740.01	Edge_1RB_Left	22.43	/	/	21.33	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	21.81	/	/	<=30	Pass
		Outer_Full	23.23	/	/	22.13	/	/	<=30	Pass
		Inner_Full	24.27	/	/	23.17	/	/	<=30	Pass
		Inner_1RB_Left	23.81	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Right	24.33	/	/	23.23	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.01	/	/	21.91	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	21.69	/	/	<=30	Pass
		Outer_Full	23.45	/	/	22.35	/	/	<=30	Pass
		Inner_Full	24.48	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Left	24.45	/	/	23.35	/	/	<=30	Pass
		Inner_1RB_Right	24.17	/	/	23.07	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	22.74	/	/	21.64	/	/	<=30	Pass
		Edge_1RB_Right	22.84	/	/	21.74	/	/	<=30	Pass
		Outer_Full	23.53	/	/	22.43	/	/	<=30	Pass
		Inner_Full	24.70	/	/	23.60	/	/	<=30	Pass
Inner_1RB_Left		24.37	/	/	23.27	/	/	<=30	Pass	
Inner_1RB_Right		24.29	/	/	23.19	/	/	<=30	Pass	
CP-OFDM 64 QAM	3740.01	Edge_1RB_Left	22.52	/	/	21.42	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	21.87	/	/	<=30	Pass
		Outer_Full	22.71	/	/	21.61	/	/	<=30	Pass
		Inner_Full	22.75	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Left	22.50	/	/	21.40	/	/	<=30	Pass
		Inner_1RB_Right	22.98	/	/	21.88	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.98	/	/	21.88	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	21.63	/	/	<=30	Pass
		Outer_Full	22.93	/	/	21.83	/	/	<=30	Pass
		Inner_Full	22.97	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Left	23.02	/	/	21.92	/	/	<=30	Pass
		Inner_1RB_Right	22.72	/	/	21.62	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	22.89	/	/	21.79	/	/	<=30	Pass
		Edge_1RB_Right	22.92	/	/	21.82	/	/	<=30	Pass
		Outer_Full	23.08	/	/	21.98	/	/	<=30	Pass
		Inner_Full	23.21	/	/	22.11	/	/	<=30	Pass
Inner_1RB_Left		22.94	/	/	21.84	/	/	<=30	Pass	
Inner_1RB_Right		22.91	/	/	21.81	/	/	<=30	Pass	
CP-OFDM 256 QAM	3740.01	Edge_1RB_Left	19.36	/	/	18.26	/	/	<=30	Pass
		Edge_1RB_Right	19.73	/	/	18.63	/	/	<=30	Pass
		Outer_Full	19.63	/	/	18.53	/	/	<=30	Pass
		Inner_Full	19.62	/	/	18.52	/	/	<=30	Pass
		Inner_1RB_Left	19.41	/	/	18.31	/	/	<=30	Pass
		Inner_1RB_Right	19.75	/	/	18.65	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.87	/	/	18.77	/	/	<=30	Pass
		Edge_1RB_Right	19.68	/	/	18.58	/	/	<=30	Pass
		Outer_Full	19.95	/	/	18.85	/	/	<=30	Pass
		Inner_Full	20.02	/	/	18.92	/	/	<=30	Pass
		Inner_1RB_Left	19.80	/	/	18.70	/	/	<=30	Pass
		Inner_1RB_Right	19.63	/	/	18.53	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	19.79	/	/	18.69	/	/	<=30	Pass
		Edge_1RB_Right	19.76	/	/	18.66	/	/	<=30	Pass
		Outer_Full	20.06	/	/	18.96	/	/	<=30	Pass
		Inner_Full	20.19	/	/	19.09	/	/	<=30	Pass
Inner_1RB_Left		19.81	/	/	18.71	/	/	<=30	Pass	
Inner_1RB_Right		19.76	/	/	18.66	/	/	<=30	Pass	
Note1: Antenna Gain: Ant3: -1.10dBi:										

Note2: EIRP=Conducted Power+Antenna Gain

1.1.11 30_S_90M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant2	Sum	Ant3	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3745.02	Edge_1RB_Left	22.29	/	/	21.19	/	/	<=30	Pass
		Edge_1RB_Right	23.06	/	/	21.96	/	/	<=30	Pass
		Outer_Full	25.69	/	/	24.59	/	/	<=30	Pass
		Inner_Full	26.25	/	/	25.15	/	/	<=30	Pass
		Inner_1RB_Left	25.71	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Right	26.46	/	/	25.36	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.91	/	/	21.81	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	21.65	/	/	<=30	Pass
		Outer_Full	25.91	/	/	24.81	/	/	<=30	Pass
		Inner_Full	26.45	/	/	25.35	/	/	<=30	Pass
		Inner_1RB_Left	26.35	/	/	25.25	/	/	<=30	Pass
		Inner_1RB_Right	26.21	/	/	25.11	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	22.93	/	/	21.83	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	21.61	/	/	<=30	Pass
		Outer_Full	25.97	/	/	24.87	/	/	<=30	Pass
		Inner_Full	26.62	/	/	25.52	/	/	<=30	Pass
		Inner_1RB_Left	26.39	/	/	25.29	/	/	<=30	Pass
		Inner_1RB_Right	26.10	/	/	25.00	/	/	<=30	Pass
DFT-s-OFDM QPSK	3745.02	Edge_1RB_Left	22.29	/	/	21.19	/	/	<=30	Pass
		Edge_1RB_Right	23.01	/	/	21.91	/	/	<=30	Pass
		Outer_Full	25.20	/	/	24.10	/	/	<=30	Pass
		Inner_Full	26.29	/	/	25.19	/	/	<=30	Pass
		Inner_1RB_Left	25.81	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Right	26.56	/	/	25.46	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.86	/	/	21.76	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	21.63	/	/	<=30	Pass
		Outer_Full	25.45	/	/	24.35	/	/	<=30	Pass
		Inner_Full	26.49	/	/	25.39	/	/	<=30	Pass
		Inner_1RB_Left	26.35	/	/	25.25	/	/	<=30	Pass
		Inner_1RB_Right	26.28	/	/	25.18	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	22.94	/	/	21.84	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	21.50	/	/	<=30	Pass
		Outer_Full	25.51	/	/	24.41	/	/	<=30	Pass
		Inner_Full	26.65	/	/	25.55	/	/	<=30	Pass
		Inner_1RB_Left	26.45	/	/	25.35	/	/	<=30	Pass
		Inner_1RB_Right	26.21	/	/	25.11	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3745.02	Edge_1RB_Left	22.38	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	23.07	/	/	21.97	/	/	<=30	Pass
		Outer_Full	24.26	/	/	23.16	/	/	<=30	Pass
		Inner_Full	25.28	/	/	24.18	/	/	<=30	Pass
		Inner_1RB_Left	24.78	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Right	25.50	/	/	24.40	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.95	/	/	21.85	/	/	<=30	Pass
		Edge_1RB_Right	22.82	/	/	21.72	/	/	<=30	Pass
		Outer_Full	24.44	/	/	23.34	/	/	<=30	Pass
		Inner_Full	25.50	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Left	25.38	/	/	24.28	/	/	<=30	Pass
		Inner_1RB_Right	25.22	/	/	24.12	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	22.98	/	/	21.88	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	21.60	/	/	<=30	Pass

		Outer_Full	24.54	/	/	23.44	/	/	<=30	Pass
		Inner_Full	25.67	/	/	24.57	/	/	<=30	Pass
		Inner_1RB_Left	25.39	/	/	24.29	/	/	<=30	Pass
		Inner_1RB_Right	25.18	/	/	24.08	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3745.02	Edge_1RB_Left	22.27	/	/	21.17	/	/	<=30	Pass
		Edge_1RB_Right	23.10	/	/	22.00	/	/	<=30	Pass
		Outer_Full	23.75	/	/	22.65	/	/	<=30	Pass
		Inner_Full	23.81	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Left	23.43	/	/	22.33	/	/	<=30	Pass
		Inner_1RB_Right	24.03	/	/	22.93	/	/	<=30	Pass
		Edge_1RB_Left	22.91	/	/	21.81	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	21.71	/	/	<=30	Pass
	3840	Outer_Full	23.97	/	/	22.87	/	/	<=30	Pass
		Inner_Full	23.98	/	/	22.88	/	/	<=30	Pass
		Inner_1RB_Left	23.93	/	/	22.83	/	/	<=30	Pass
		Inner_1RB_Right	23.70	/	/	22.60	/	/	<=30	Pass
		Edge_1RB_Left	22.85	/	/	21.75	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	21.47	/	/	<=30	Pass
	3934.98	Outer_Full	24.03	/	/	22.93	/	/	<=30	Pass
		Inner_Full	24.15	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Left	23.87	/	/	22.77	/	/	<=30	Pass
		Inner_1RB_Right	23.56	/	/	22.46	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3745.02	Edge_1RB_Left	21.15	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	21.87	/	/	20.77	/	/	<=30	Pass
		Outer_Full	21.76	/	/	20.66	/	/	<=30	Pass
		Inner_Full	21.80	/	/	20.70	/	/	<=30	Pass
		Inner_1RB_Left	21.14	/	/	20.04	/	/	<=30	Pass
		Inner_1RB_Right	21.83	/	/	20.73	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.74	/	/	20.64	/	/	<=30	Pass
		Edge_1RB_Right	21.59	/	/	20.49	/	/	<=30	Pass
		Outer_Full	21.94	/	/	20.84	/	/	<=30	Pass
		Inner_Full	21.97	/	/	20.87	/	/	<=30	Pass
		Inner_1RB_Left	21.75	/	/	20.65	/	/	<=30	Pass
		Inner_1RB_Right	21.64	/	/	20.54	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	21.74	/	/	20.64	/	/	<=30	Pass
		Edge_1RB_Right	21.50	/	/	20.40	/	/	<=30	Pass
		Outer_Full	22.08	/	/	20.98	/	/	<=30	Pass
		Inner_Full	22.13	/	/	21.03	/	/	<=30	Pass
		Inner_1RB_Left	21.81	/	/	20.71	/	/	<=30	Pass
		Inner_1RB_Right	21.50	/	/	20.40	/	/	<=30	Pass
CP-OFDM QPSK	3745.02	Edge_1RB_Left	22.16	/	/	21.06	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	21.81	/	/	<=30	Pass
		Outer_Full	23.21	/	/	22.11	/	/	<=30	Pass
		Inner_Full	24.76	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Left	24.11	/	/	23.01	/	/	<=30	Pass
		Inner_1RB_Right	24.93	/	/	23.83	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.78	/	/	21.68	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	21.56	/	/	<=30	Pass
		Outer_Full	23.45	/	/	22.35	/	/	<=30	Pass
		Inner_Full	24.93	/	/	23.83	/	/	<=30	Pass
		Inner_1RB_Left	24.78	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Right	24.65	/	/	23.55	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	22.84	/	/	21.74	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	21.44	/	/	<=30	Pass
		Outer_Full	23.49	/	/	22.39	/	/	<=30	Pass
		Inner_Full	25.11	/	/	24.01	/	/	<=30	Pass
		Inner_1RB_Left	24.75	/	/	23.65	/	/	<=30	Pass
		Inner_1RB_Right	24.48	/	/	23.38	/	/	<=30	Pass
CP-OFDM 16 QAM	3745.02	Edge_1RB_Left	22.32	/	/	21.22	/	/	<=30	Pass

		Edge_1RB_Right	23.01	/	/	21.91	/	/	<=30	Pass
		Outer_Full	23.23	/	/	22.13	/	/	<=30	Pass
		Inner_Full	24.21	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Left	23.71	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Right	24.44	/	/	23.34	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.92	/	/	21.82	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	21.73	/	/	<=30	Pass
		Outer_Full	23.46	/	/	22.36	/	/	<=30	Pass
		Inner_Full	24.48	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Left	24.36	/	/	23.26	/	/	<=30	Pass
	3934.98	Inner_1RB_Right	24.24	/	/	23.14	/	/	<=30	Pass
		Edge_1RB_Left	23.00	/	/	21.90	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	21.52	/	/	<=30	Pass
		Outer_Full	23.51	/	/	22.41	/	/	<=30	Pass
		Inner_Full	24.61	/	/	23.51	/	/	<=30	Pass
CP-OFDM 64 QAM	3745.02	Inner_1RB_Left	24.34	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Right	24.10	/	/	23.00	/	/	<=30	Pass
		Edge_1RB_Left	22.36	/	/	21.26	/	/	<=30	Pass
		Edge_1RB_Right	23.07	/	/	21.97	/	/	<=30	Pass
		Outer_Full	22.76	/	/	21.66	/	/	<=30	Pass
	3840	Inner_Full	22.79	/	/	21.69	/	/	<=30	Pass
		Inner_1RB_Left	22.34	/	/	21.24	/	/	<=30	Pass
		Inner_1RB_Right	23.07	/	/	21.97	/	/	<=30	Pass
		Edge_1RB_Left	22.92	/	/	21.82	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	21.69	/	/	<=30	Pass
	3934.98	Outer_Full	22.94	/	/	21.84	/	/	<=30	Pass
		Inner_Full	22.95	/	/	21.85	/	/	<=30	Pass
		Inner_1RB_Left	22.95	/	/	21.85	/	/	<=30	Pass
		Inner_1RB_Right	22.79	/	/	21.69	/	/	<=30	Pass
		Edge_1RB_Left	23.04	/	/	21.94	/	/	<=30	Pass
CP-OFDM 256 QAM	3745.02	Edge_1RB_Right	22.81	/	/	21.71	/	/	<=30	Pass
		Outer_Full	23.01	/	/	21.91	/	/	<=30	Pass
		Inner_Full	23.14	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Left	22.97	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Right	22.70	/	/	21.60	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.25	/	/	18.15	/	/	<=30	Pass
		Edge_1RB_Right	19.92	/	/	18.82	/	/	<=30	Pass
		Outer_Full	19.60	/	/	18.50	/	/	<=30	Pass
		Inner_Full	19.66	/	/	18.56	/	/	<=30	Pass
		Inner_1RB_Left	19.25	/	/	18.15	/	/	<=30	Pass
	3934.98	Inner_1RB_Right	19.85	/	/	18.75	/	/	<=30	Pass
		Edge_1RB_Left	19.75	/	/	18.65	/	/	<=30	Pass
		Edge_1RB_Right	19.63	/	/	18.53	/	/	<=30	Pass
		Outer_Full	19.97	/	/	18.87	/	/	<=30	Pass
		Inner_Full	20.02	/	/	18.92	/	/	<=30	Pass
	3840	Inner_1RB_Left	19.80	/	/	18.70	/	/	<=30	Pass
		Inner_1RB_Right	19.67	/	/	18.57	/	/	<=30	Pass
		Edge_1RB_Left	19.82	/	/	18.72	/	/	<=30	Pass
		Edge_1RB_Right	19.60	/	/	18.50	/	/	<=30	Pass
		Outer_Full	20.01	/	/	18.91	/	/	<=30	Pass
	3934.98	Inner_Full	20.12	/	/	19.02	/	/	<=30	Pass
		Inner_1RB_Left	19.84	/	/	18.74	/	/	<=30	Pass
		Inner_1RB_Right	19.52	/	/	18.42	/	/	<=30	Pass
Note1: Antenna Gain: Ant3: -1.10dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.12 30_S_100M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 100MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant2	Sum	Ant3	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Edge 1RB Left	22.37	/	/	21.27	/	/	<=30	Pass
		Edge 1RB Right	22.92	/	/	21.82	/	/	<=30	Pass
		Outer Full	25.70	/	/	24.60	/	/	<=30	Pass
		Inner Full	26.25	/	/	25.15	/	/	<=30	Pass
		Inner 1RB Left	25.81	/	/	24.71	/	/	<=30	Pass
		Inner 1RB Right	26.41	/	/	25.31	/	/	<=30	Pass
	3840	Edge 1RB Left	22.86	/	/	21.76	/	/	<=30	Pass
		Edge 1RB Right	22.77	/	/	21.67	/	/	<=30	Pass
		Outer Full	25.92	/	/	24.82	/	/	<=30	Pass
		Inner Full	26.45	/	/	25.35	/	/	<=30	Pass
		Inner 1RB Left	26.30	/	/	25.20	/	/	<=30	Pass
		Inner 1RB Right	26.24	/	/	25.14	/	/	<=30	Pass
	3930	Edge 1RB Left	22.68	/	/	21.58	/	/	<=30	Pass
		Edge 1RB Right	22.79	/	/	21.69	/	/	<=30	Pass
		Outer Full	25.99	/	/	24.89	/	/	<=30	Pass
		Inner Full	26.62	/	/	25.52	/	/	<=30	Pass
		Inner 1RB Left	26.17	/	/	25.07	/	/	<=30	Pass
		Inner 1RB Right	26.27	/	/	25.17	/	/	<=30	Pass
DFT-s-OFDM QPSK	3750	Edge 1RB Left	22.33	/	/	21.23	/	/	<=30	Pass
		Edge 1RB Right	22.91	/	/	21.81	/	/	<=30	Pass
		Outer Full	25.18	/	/	24.08	/	/	<=30	Pass
		Inner Full	26.27	/	/	25.17	/	/	<=30	Pass
		Inner 1RB Left	25.88	/	/	24.78	/	/	<=30	Pass
		Inner 1RB Right	26.45	/	/	25.35	/	/	<=30	Pass
	3840	Edge 1RB Left	22.88	/	/	21.78	/	/	<=30	Pass
		Edge 1RB Right	22.72	/	/	21.62	/	/	<=30	Pass
		Outer Full	25.43	/	/	24.33	/	/	<=30	Pass
		Inner Full	26.49	/	/	25.39	/	/	<=30	Pass
		Inner 1RB Left	26.30	/	/	25.20	/	/	<=30	Pass
		Inner 1RB Right	26.23	/	/	25.13	/	/	<=30	Pass
	3930	Edge 1RB Left	22.74	/	/	21.64	/	/	<=30	Pass
		Edge 1RB Right	22.83	/	/	21.73	/	/	<=30	Pass
		Outer Full	25.53	/	/	24.43	/	/	<=30	Pass
		Inner Full	26.65	/	/	25.55	/	/	<=30	Pass
		Inner 1RB Left	26.21	/	/	25.11	/	/	<=30	Pass
		Inner 1RB Right	26.41	/	/	25.31	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Edge 1RB Left	22.43	/	/	21.33	/	/	<=30	Pass
		Edge 1RB Right	22.93	/	/	21.83	/	/	<=30	Pass
		Outer Full	24.24	/	/	23.14	/	/	<=30	Pass
		Inner Full	25.30	/	/	24.20	/	/	<=30	Pass
		Inner 1RB Left	24.84	/	/	23.74	/	/	<=30	Pass
		Inner 1RB Right	25.40	/	/	24.30	/	/	<=30	Pass
	3840	Edge 1RB Left	22.83	/	/	21.73	/	/	<=30	Pass
		Edge 1RB Right	22.75	/	/	21.65	/	/	<=30	Pass
		Outer Full	24.44	/	/	23.34	/	/	<=30	Pass
		Inner Full	25.54	/	/	24.44	/	/	<=30	Pass
		Inner 1RB Left	25.35	/	/	24.25	/	/	<=30	Pass
		Inner 1RB Right	25.25	/	/	24.15	/	/	<=30	Pass
	3930	Edge 1RB Left	22.86	/	/	21.76	/	/	<=30	Pass
		Edge 1RB Right	22.84	/	/	21.74	/	/	<=30	Pass
		Outer Full	24.53	/	/	23.43	/	/	<=30	Pass
		Inner Full	25.66	/	/	24.56	/	/	<=30	Pass
		Inner 1RB Left	25.21	/	/	24.11	/	/	<=30	Pass
		Inner 1RB Right	25.26	/	/	24.16	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Edge 1RB Left	22.47	/	/	21.37	/	/	<=30	Pass
		Edge 1RB Right	22.94	/	/	21.84	/	/	<=30	Pass

		Outer_Full	23.72	/	/	22.62	/	/	<=30	Pass
		Inner_Full	23.81	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Left	23.41	/	/	22.31	/	/	<=30	Pass
		Inner_1RB_Right	23.92	/	/	22.82	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.81	/	/	21.71	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	21.56	/	/	<=30	Pass
		Outer_Full	23.97	/	/	22.87	/	/	<=30	Pass
		Inner_Full	23.97	/	/	22.87	/	/	<=30	Pass
		Inner_1RB_Left	23.83	/	/	22.73	/	/	<=30	Pass
		Inner_1RB_Right	23.74	/	/	22.64	/	/	<=30	Pass
	3930	Edge_1RB_Left	22.80	/	/	21.70	/	/	<=30	Pass
		Edge_1RB_Right	22.82	/	/	21.72	/	/	<=30	Pass
		Outer_Full	24.04	/	/	22.94	/	/	<=30	Pass
		Inner_Full	24.17	/	/	23.07	/	/	<=30	Pass
		Inner_1RB_Left	23.72	/	/	22.62	/	/	<=30	Pass
		Inner_1RB_Right	23.81	/	/	22.71	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Edge_1RB_Left	21.19	/	/	20.09	/	/	<=30	Pass
		Edge_1RB_Right	21.79	/	/	20.69	/	/	<=30	Pass
		Outer_Full	21.67	/	/	20.57	/	/	<=30	Pass
		Inner_Full	21.81	/	/	20.71	/	/	<=30	Pass
		Inner_1RB_Left	21.20	/	/	20.10	/	/	<=30	Pass
		Inner_1RB_Right	21.83	/	/	20.73	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.73	/	/	20.63	/	/	<=30	Pass
		Edge_1RB_Right	21.65	/	/	20.55	/	/	<=30	Pass
		Outer_Full	21.96	/	/	20.86	/	/	<=30	Pass
		Inner_Full	22.06	/	/	20.96	/	/	<=30	Pass
		Inner_1RB_Left	21.73	/	/	20.63	/	/	<=30	Pass
		Inner_1RB_Right	21.63	/	/	20.53	/	/	<=30	Pass
	3930	Edge_1RB_Left	21.54	/	/	20.44	/	/	<=30	Pass
		Edge_1RB_Right	21.64	/	/	20.54	/	/	<=30	Pass
		Outer_Full	22.03	/	/	20.93	/	/	<=30	Pass
		Inner_Full	22.15	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Left	21.60	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Right	21.71	/	/	20.61	/	/	<=30	Pass
CP-OFDM QPSK	3750	Edge_1RB_Left	22.25	/	/	21.15	/	/	<=30	Pass
		Edge_1RB_Right	22.85	/	/	21.75	/	/	<=30	Pass
		Outer_Full	23.23	/	/	22.13	/	/	<=30	Pass
		Inner_Full	24.77	/	/	23.67	/	/	<=30	Pass
		Inner_1RB_Left	24.20	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Right	24.85	/	/	23.75	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.75	/	/	21.65	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	21.54	/	/	<=30	Pass
		Outer_Full	23.52	/	/	22.42	/	/	<=30	Pass
		Inner_Full	24.93	/	/	23.83	/	/	<=30	Pass
		Inner_1RB_Left	24.73	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Right	24.66	/	/	23.56	/	/	<=30	Pass
	3930	Edge_1RB_Left	22.63	/	/	21.53	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	21.63	/	/	<=30	Pass
		Outer_Full	23.54	/	/	22.44	/	/	<=30	Pass
		Inner_Full	25.09	/	/	23.99	/	/	<=30	Pass
		Inner_1RB_Left	24.64	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Right	24.71	/	/	23.61	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Edge_1RB_Left	22.38	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	21.87	/	/	<=30	Pass
		Outer_Full	23.21	/	/	22.11	/	/	<=30	Pass
		Inner_Full	24.31	/	/	23.21	/	/	<=30	Pass
		Inner_1RB_Left	23.89	/	/	22.79	/	/	<=30	Pass
		Inner_1RB_Right	24.50	/	/	23.40	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.87	/	/	21.77	/	/	<=30	Pass

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	-6.30	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-11.00	-0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	-11.40	-0.0030	>=-2.5 & <=2.5	Pass
			-20	NV	-10.80	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-12.90	-0.0034	>=-2.5 & <=2.5	Pass
			0	NV	-13.40	-0.0035	>=-2.5 & <=2.5	Pass
			10	NV	-10.50	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-6.70	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-9.70	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-7.80	-0.0020	>=-2.5 & <=2.5	Pass
			50	NV	-8.20	-0.0021	>=-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	8.72	9.41	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	8.67	9.61	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	8.69	9.54	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	8.73	9.44	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	8.67	9.26	/	Pass
CP-OFDM QPSK	3840	Outer_Full	8.72	9.61	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	8.59	9.19	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	8.64	9.46	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	8.74	9.38	/	Pass

3.1.2 30_S_15M_NTNV

5G NR n77a SCS=30kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	13.08	14.02	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	13.07	14.10	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	13.08	13.94	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	13.12	14.10	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	13.04	13.99	/	Pass
CP-OFDM QPSK	3840	Outer_Full	13.67	14.93	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	13.76	14.85	/	Pass

CP-OFDM 64 QAM	3840	Outer Full	13.67	14.67	/	Pass
CP-OFDM 256 QAM	3840	Outer Full	13.72	14.71	/	Pass

3.1.3 30_S_20M_NTNV

5G NR n77a SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer Full	18.14	19.28	/	Pass
DFT-s-OFDM QPSK	3840	Outer Full	18.02	19.48	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer Full	18.05	19.37	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer Full	18.15	19.36	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer Full	18.04	19.35	/	Pass
CP-OFDM QPSK	3840	Outer Full	18.53	19.77	/	Pass
CP-OFDM 16 QAM	3840	Outer Full	18.43	19.69	/	Pass
CP-OFDM 64 QAM	3840	Outer Full	18.25	19.72	/	Pass
CP-OFDM 256 QAM	3840	Outer Full	18.30	19.72	/	Pass

3.1.4 30_S_25M_NTNV

5G NR n77a SCS=30kHz SISO 25MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer Full	23.26	24.71	/	Pass
DFT-s-OFDM QPSK	3840	Outer Full	23.02	24.55	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer Full	23.01	24.59	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer Full	23.19	24.69	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer Full	23.05	24.64	/	Pass
CP-OFDM QPSK	3840	Outer Full	23.39	25.01	/	Pass
CP-OFDM 16 QAM	3840	Outer Full	23.40	25.03	/	Pass
CP-OFDM 64 QAM	3840	Outer Full	23.39	25.10	/	Pass
CP-OFDM 256 QAM	3840	Outer Full	23.33	25.07	/	Pass

3.1.5 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	27.04	28.91	/	Pass
DFT-s-OFDM QPSK	3840	Outer Full	27.09	29.05	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer Full	26.95	28.93	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer Full	27.09	28.95	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer Full	27.27	29.12	/	Pass
CP-OFDM QPSK	3840	Outer Full	28.02	29.94	/	Pass
CP-OFDM 16 QAM	3840	Outer Full	27.82	29.76	/	Pass
CP-OFDM 64 QAM	3840	Outer Full	27.87	29.96	/	Pass
CP-OFDM 256 QAM	3840	Outer Full	28.20	30.03	/	Pass

3.1.6 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	38.56	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	35.94	38.65	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	36.12	38.74	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	35.99	38.61	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	35.99	38.54	/	Pass
CP-OFDM QPSK	3840	Outer_Full	38.02	40.64	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	38.17	40.65	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	38.09	40.69	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	38.12	40.91	/	Pass

3.1.7 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	45.81	49.11	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	46.03	49.12	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	46.12	49.15	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	45.97	49.19	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	46.03	49.14	/	Pass
CP-OFDM QPSK	3840	Outer_Full	47.63	51.08	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	47.70	51.00	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	47.64	51.16	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	47.70	51.03	/	Pass

3.1.8 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	58.35	62.05	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	58.25	62.10	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	58.20	62.02	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	58.04	61.88	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	58.12	62.06	/	Pass
CP-OFDM QPSK	3840	Outer_Full	58.38	62.04	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	58.17	62.12	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	58.45	62.06	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	58.14	62.00	/	Pass

3.1.9 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	64.78	69.08	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	65.01	69.52	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	64.95	69.36	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	65.07	69.25	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	64.74	69.37	/	Pass
CP-OFDM QPSK	3840	Outer_Full	68.11	72.71	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	68.11	72.48	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	68.11	72.67	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	67.85	72.57	/	Pass

3.1.10 30_S_80M_NTNV

5G NR n77a SCS=30kHz SISO 80MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	77.84	83.01	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	77.46	83.14	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	77.64	83.08	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	77.68	82.83	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	77.53	82.91	/	Pass
CP-OFDM QPSK	3840	Outer_Full	78.45	83.27	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	78.25	83.26	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	77.93	83.21	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	78.24	83.22	/	Pass

3.1.11 30_S_90M_NTNV

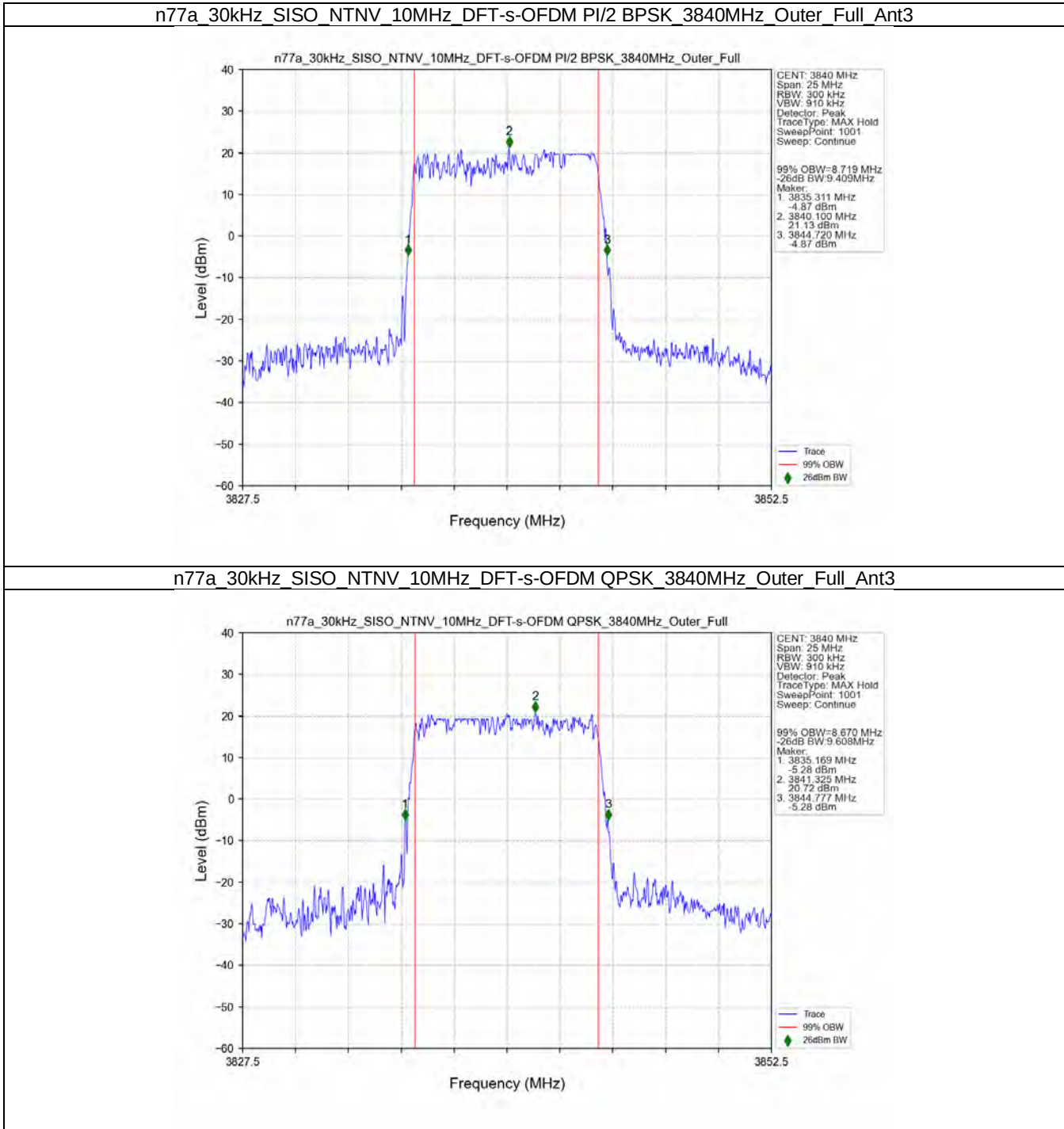
5G NR n77a SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	87.55	93.22	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	87.43	93.23	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	87.40	93.11	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	87.44	93.21	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	87.29	92.97	/	Pass
CP-OFDM QPSK	3840	Outer_Full	88.19	93.97	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	87.87	94.01	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	88.21	94.06	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	88.13	94.06	/	Pass

3.1.12 30_S_100M_NTNV

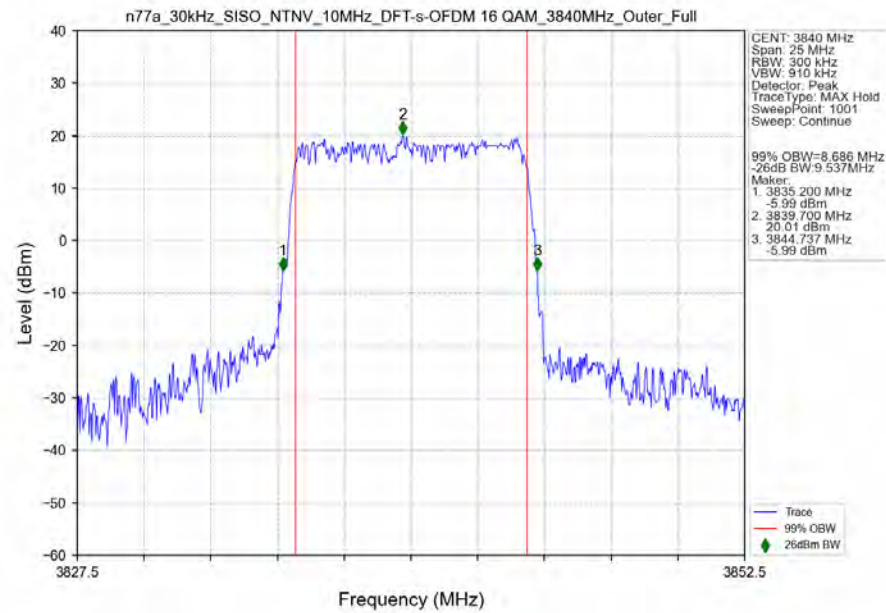
5G NR n77a SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	97.42	103.61	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	97.06	103.67	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	96.98	103.75	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	97.40	103.68	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	97.61	103.55	/	Pass
CP-OFDM QPSK	3840	Outer_Full	97.86	104.38	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	98.05	104.45	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	98.03	104.75	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	98.03	104.70	/	Pass

3.2 Test Graph

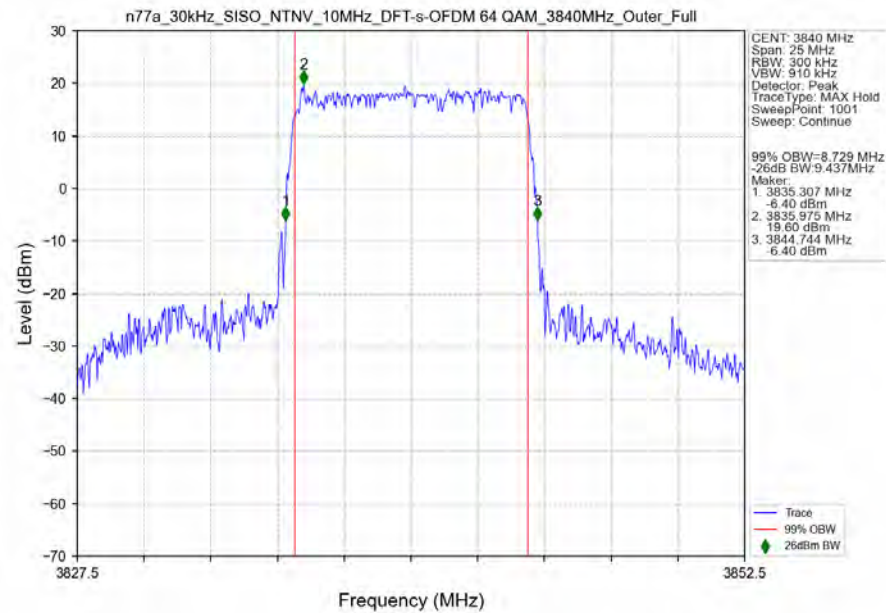
3.2.1 30_S_10M_NTNV



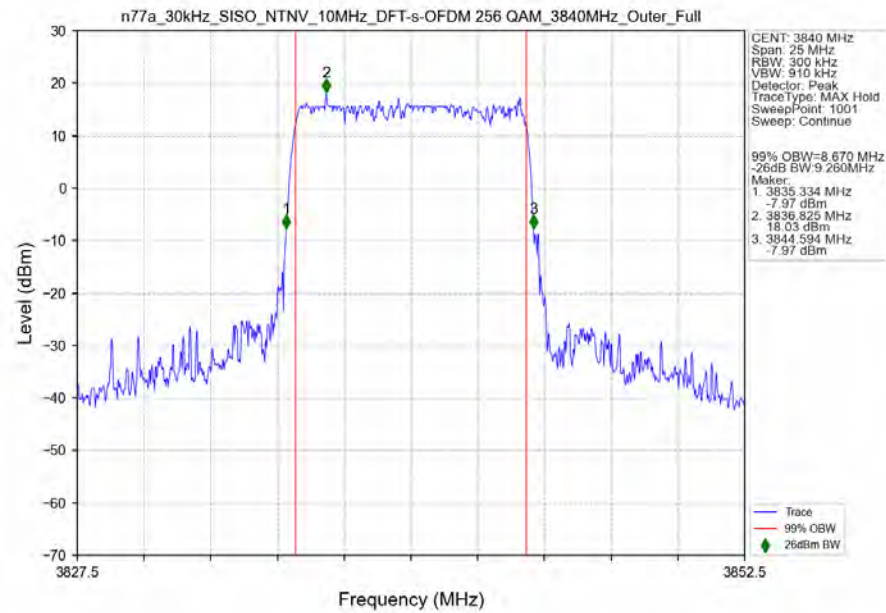
n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant3



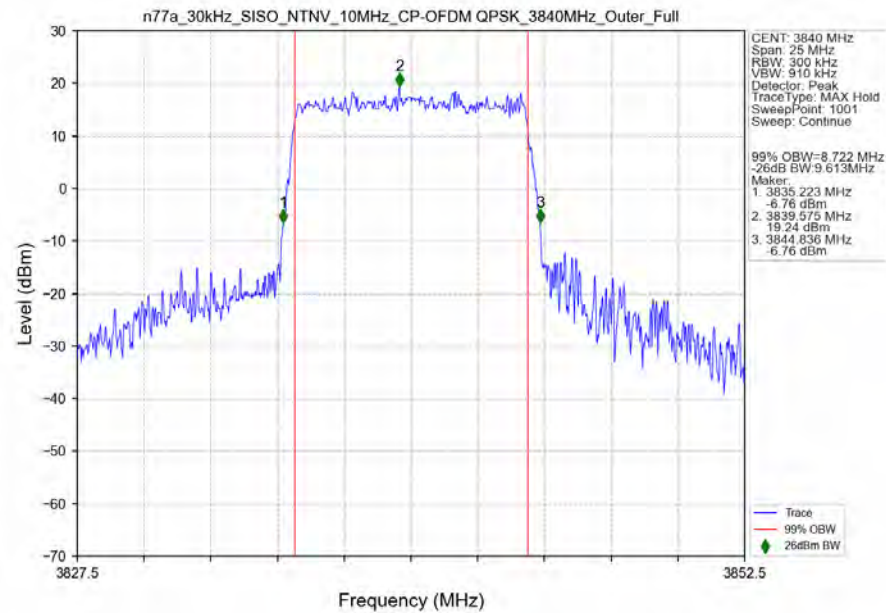
n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant3



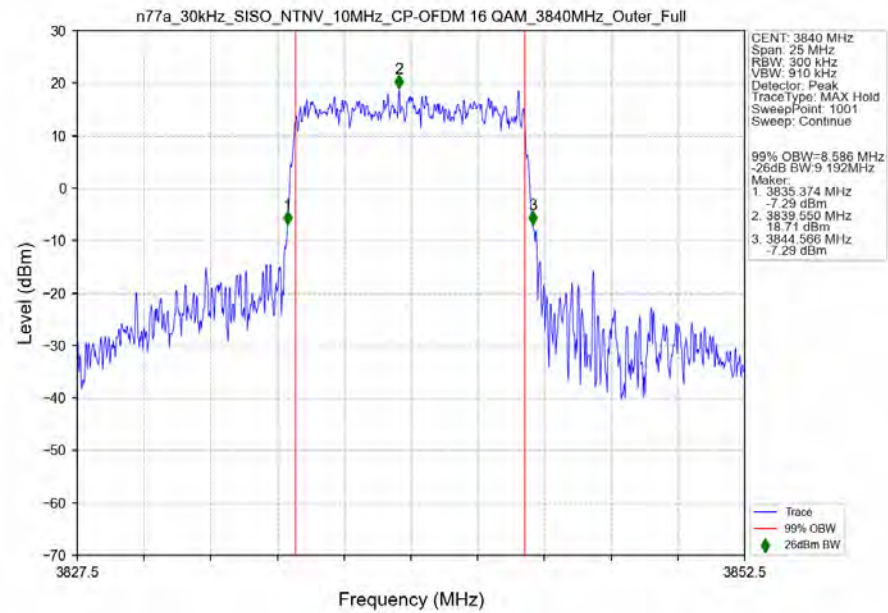
n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant3



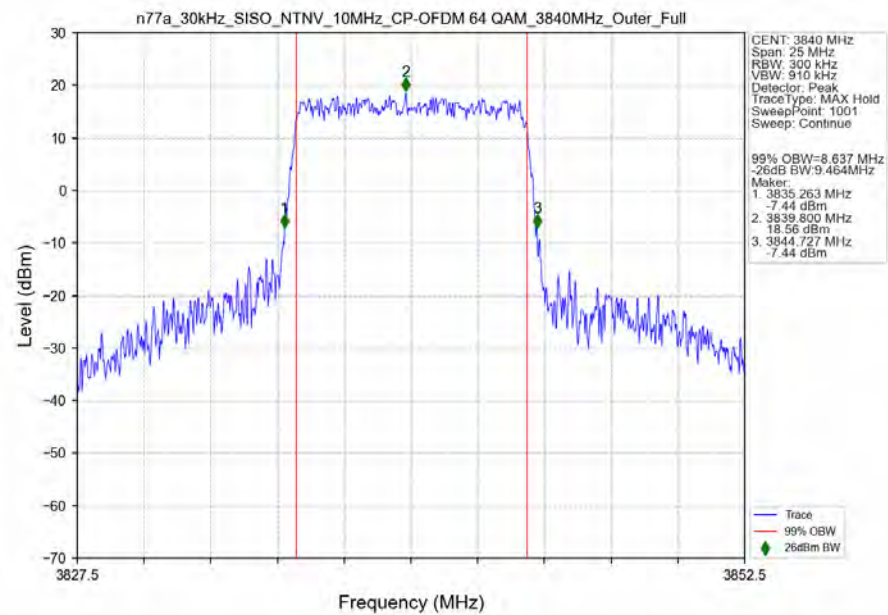
n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant3



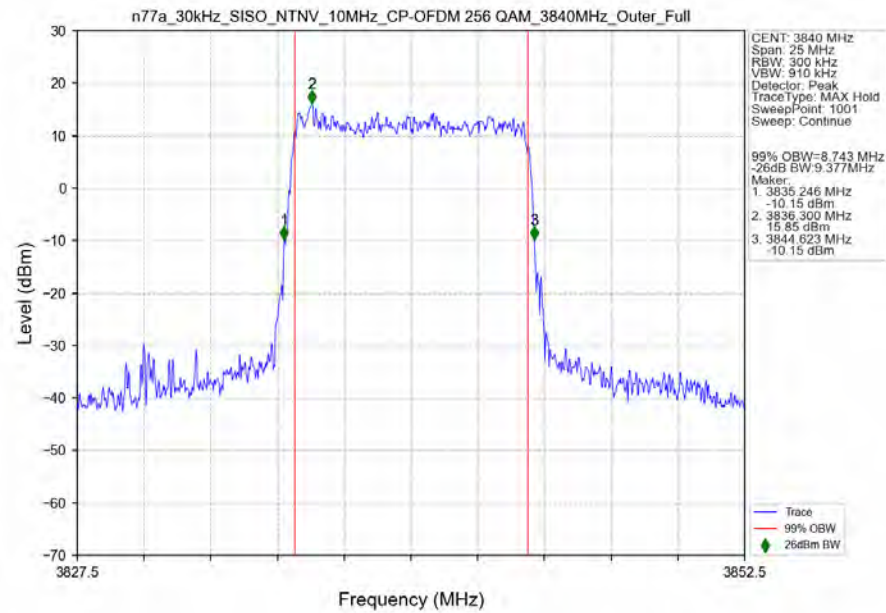
n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant3



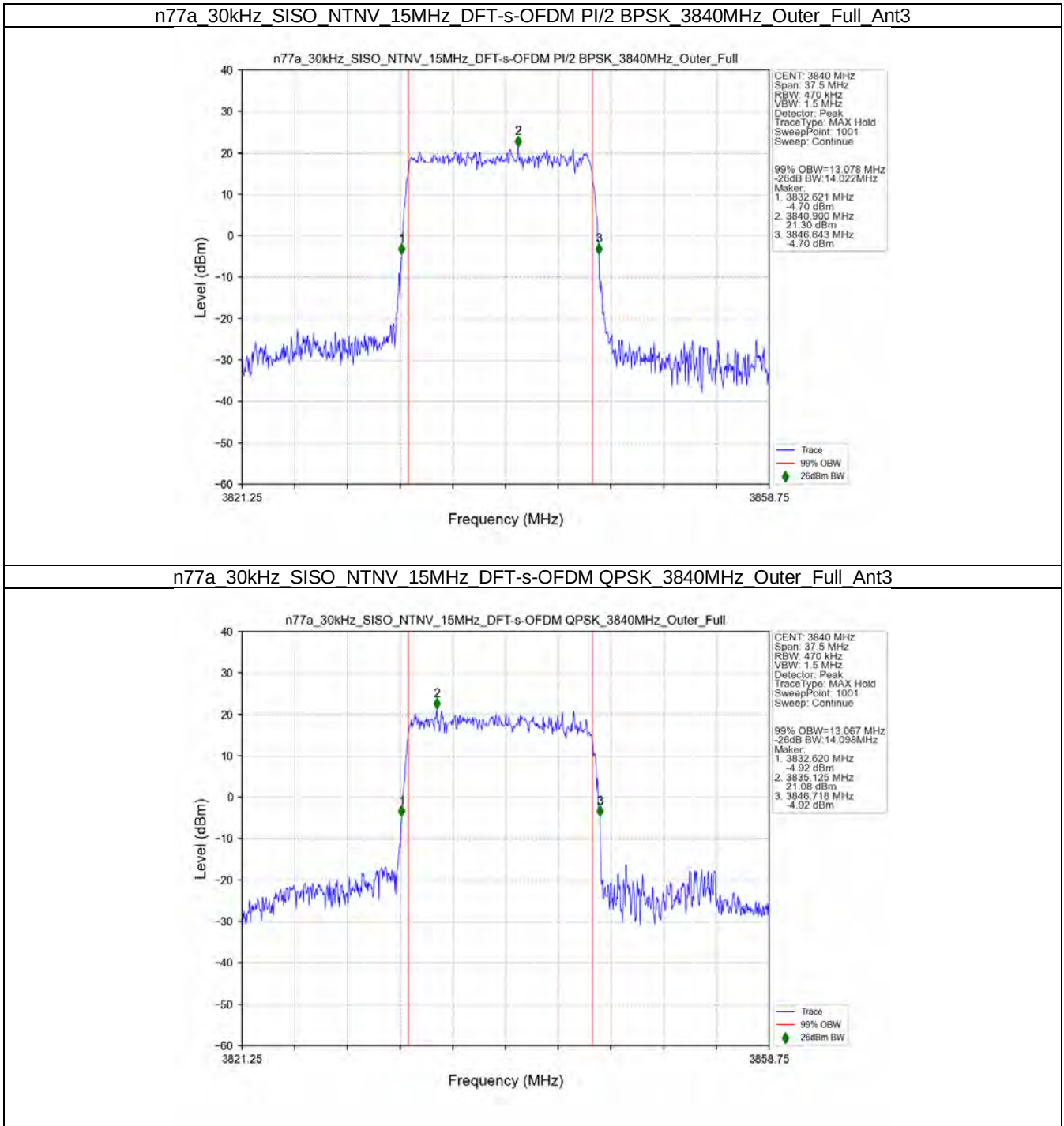
n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full_Ant3



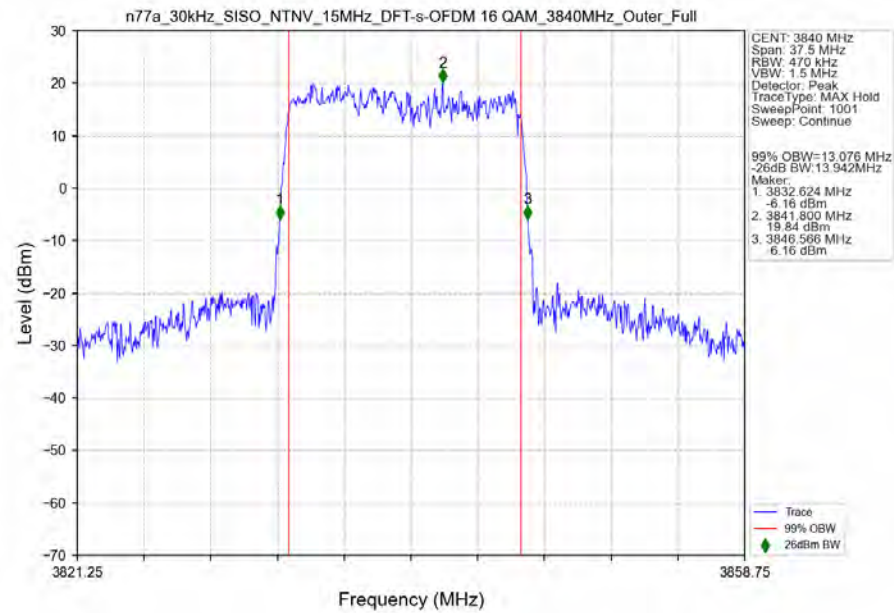
n77a_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant3



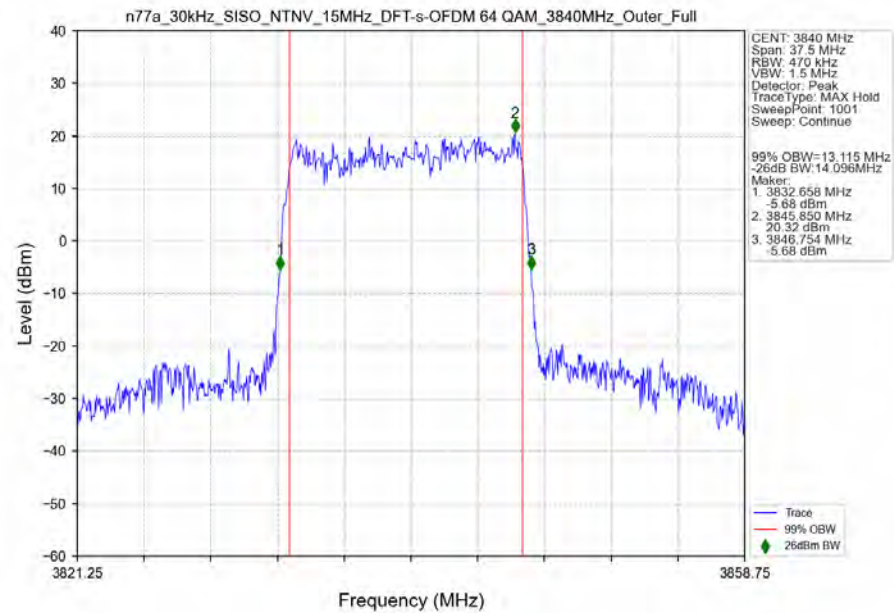
3.2.2 30_S_15M_NTNV



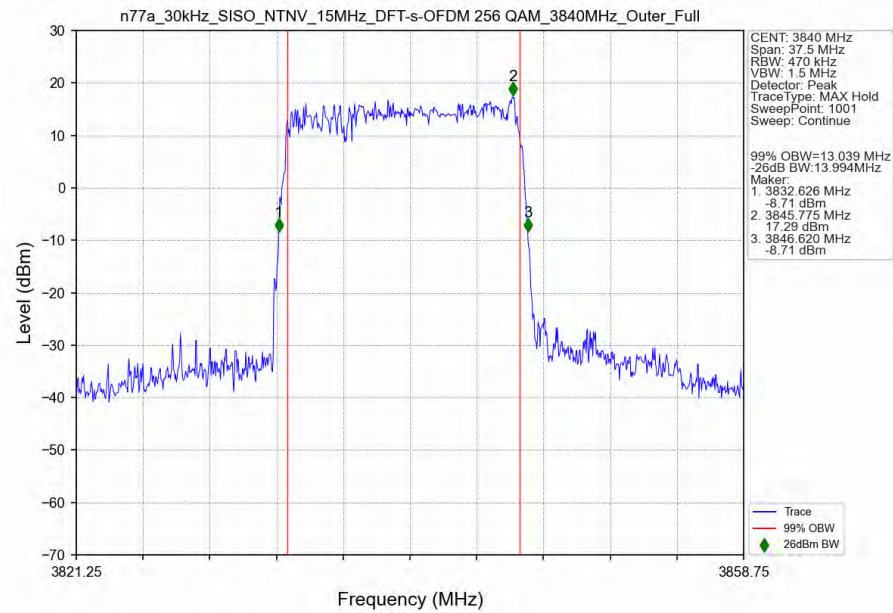
n77a_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant3



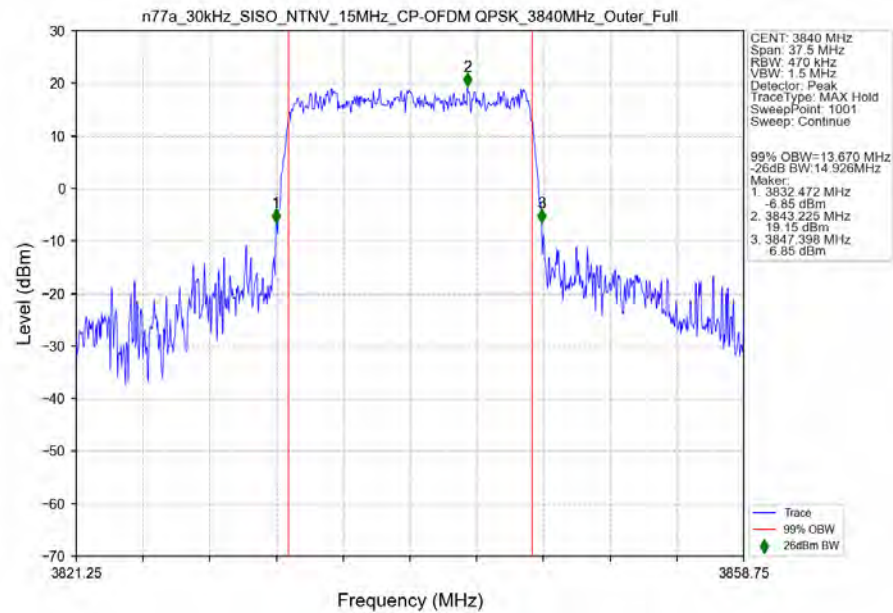
n77a_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant3



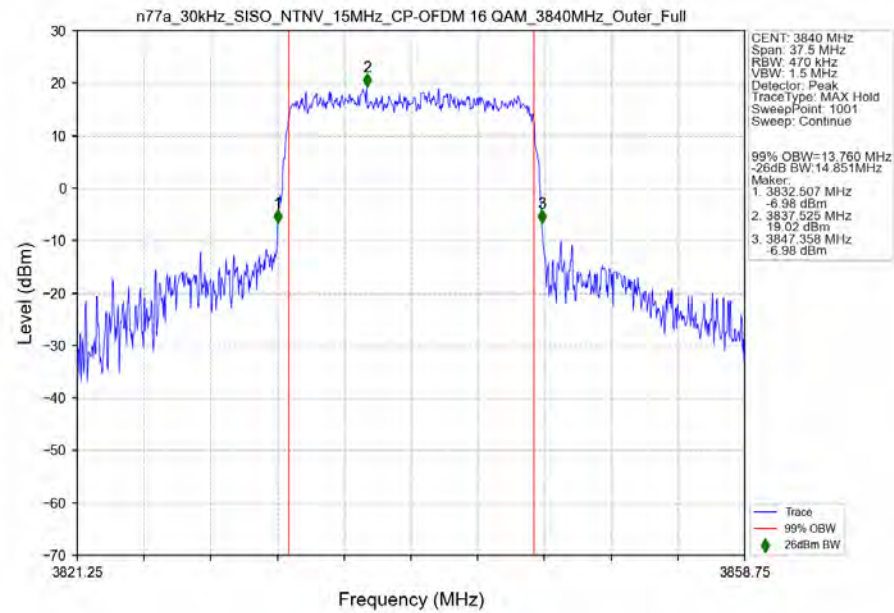
n77a_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant3



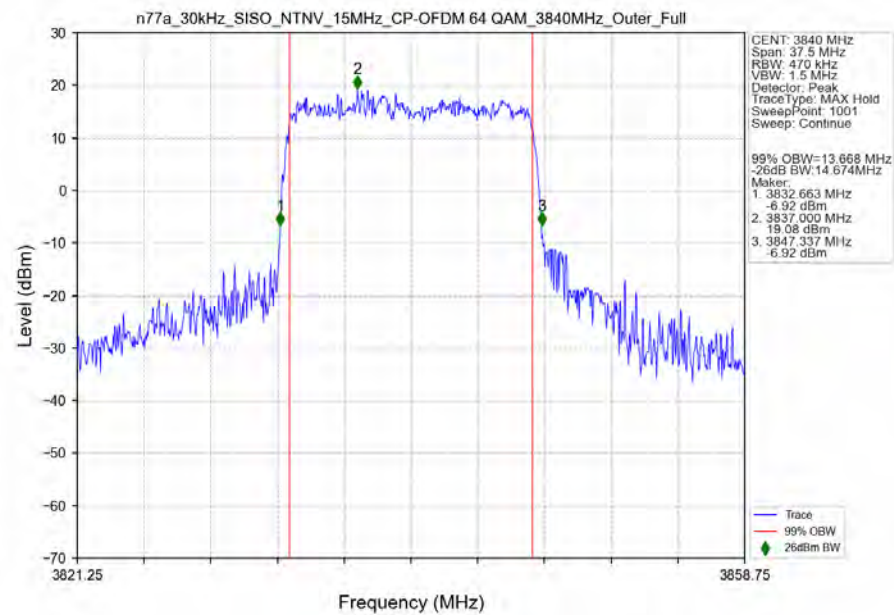
n77a_30kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant3



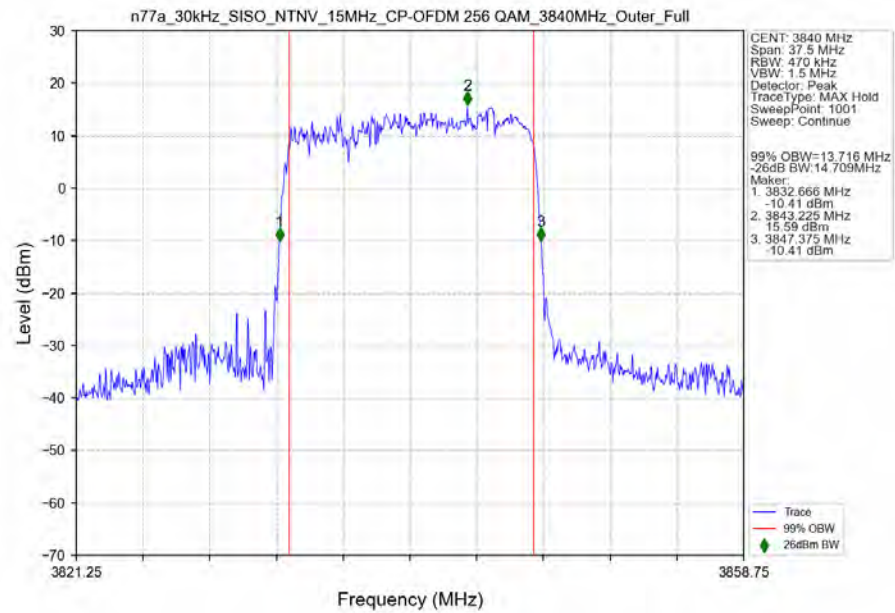
n77a_30kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant3



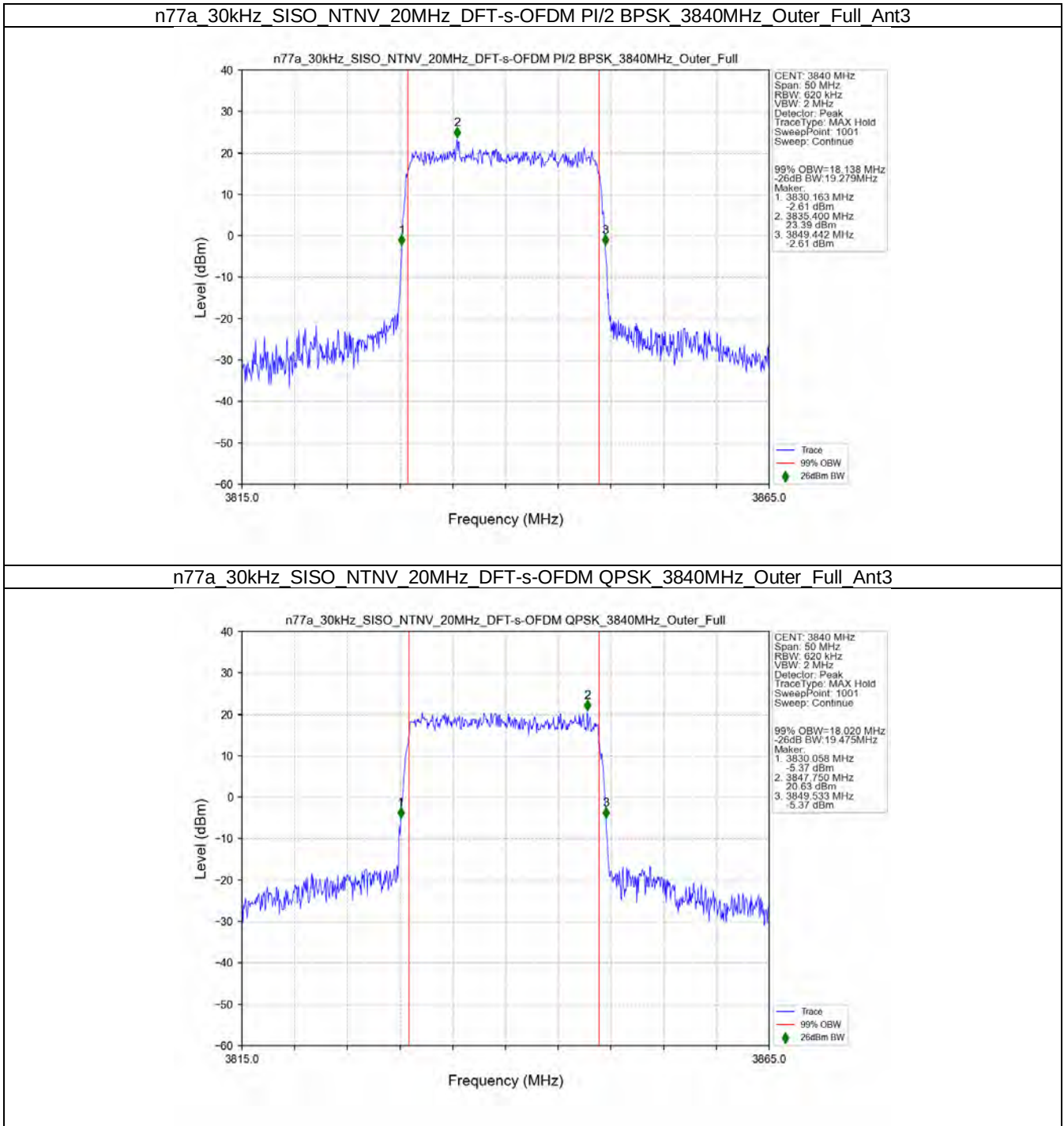
n77a_30kHz_SISO_NTNV_15MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full_Ant3



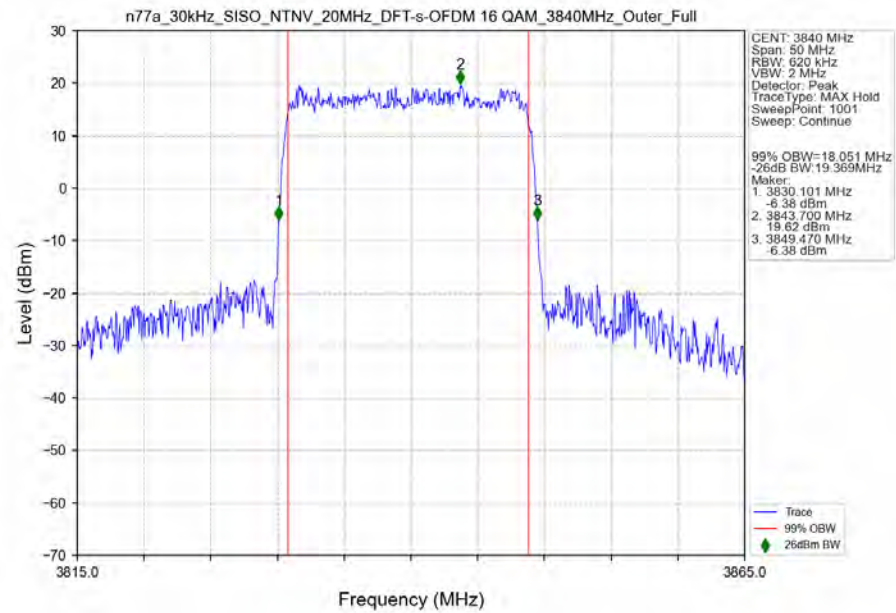
n77a 30kHz SISO NTN 15MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant3



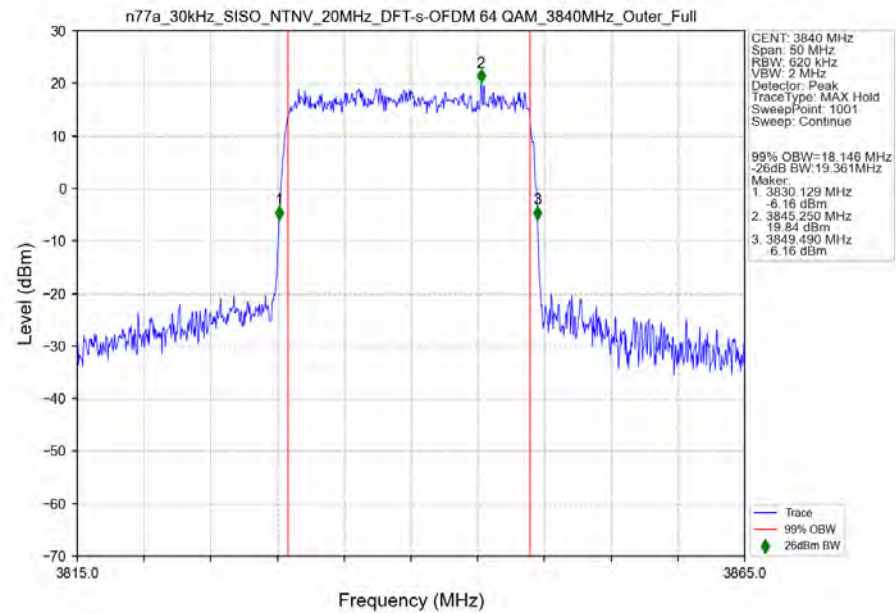
3.2.3 30_S_20M_NTNV



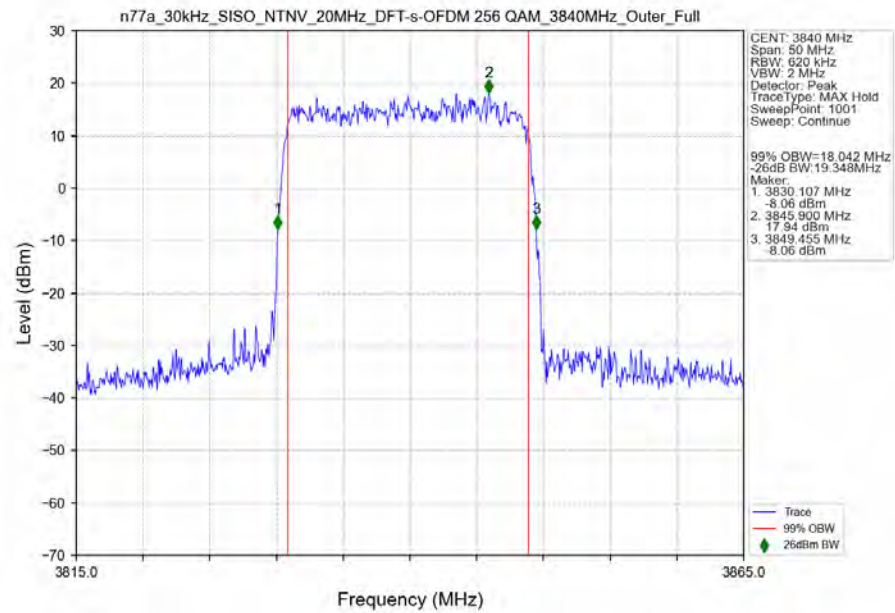
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant3



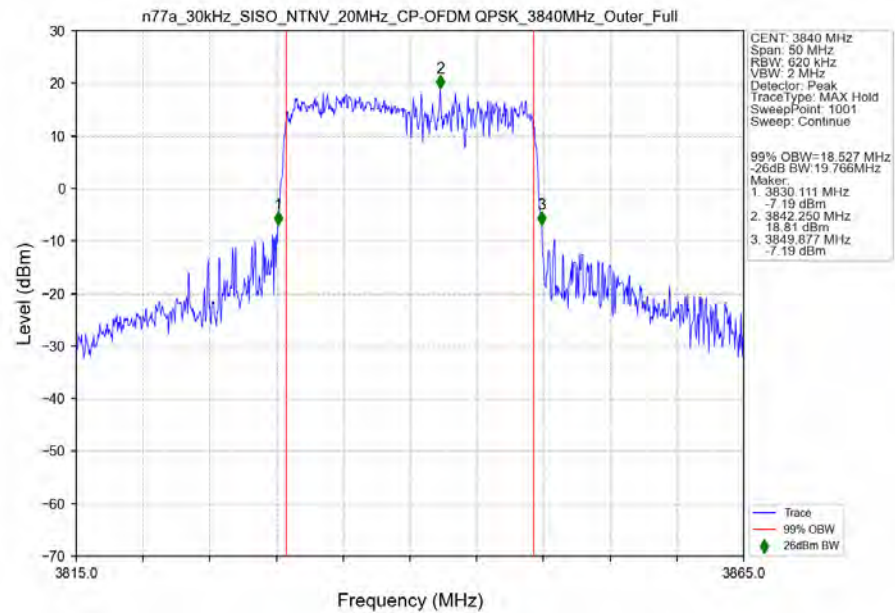
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant3



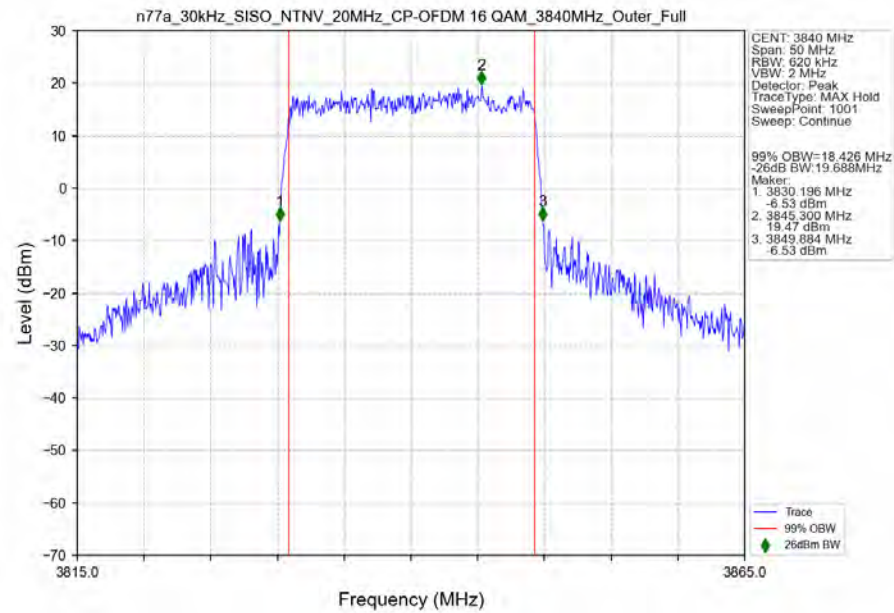
n77a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant3



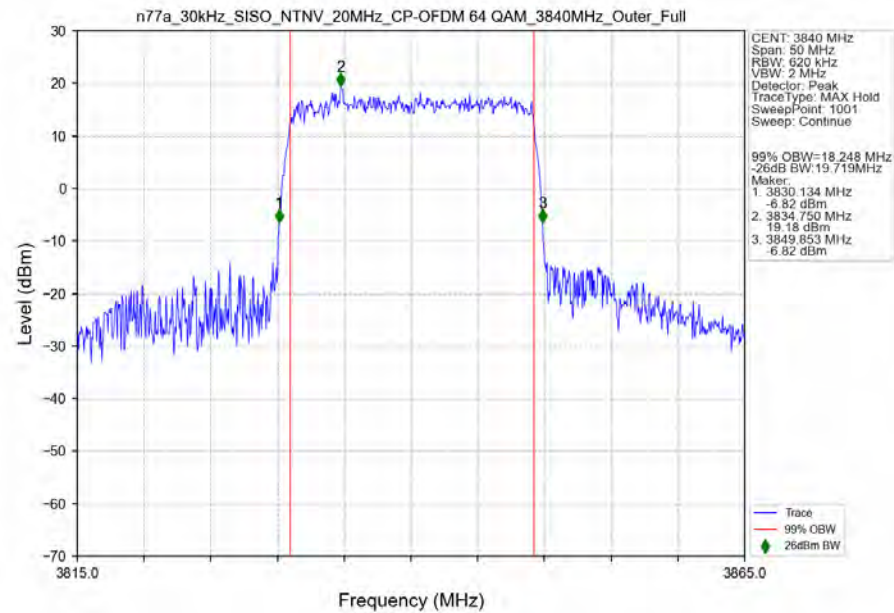
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant3



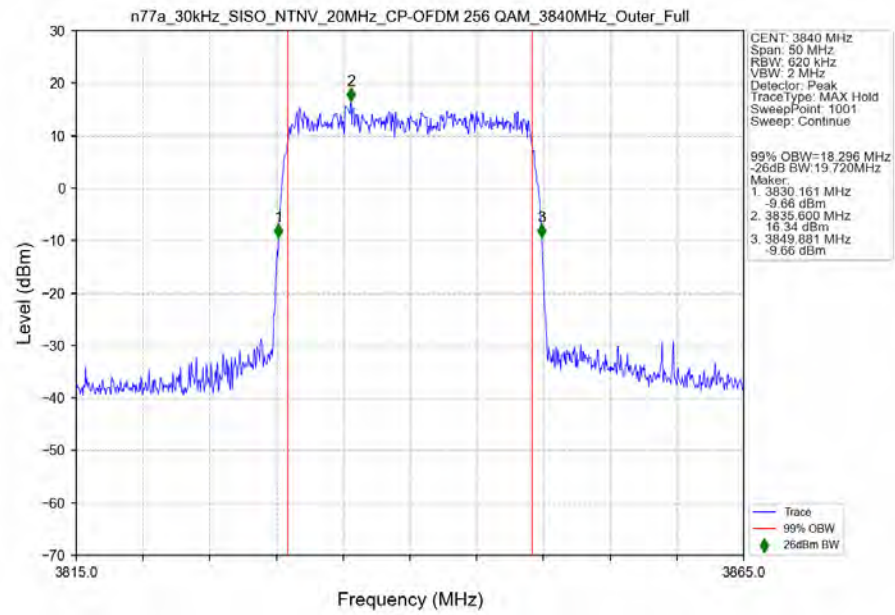
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant3



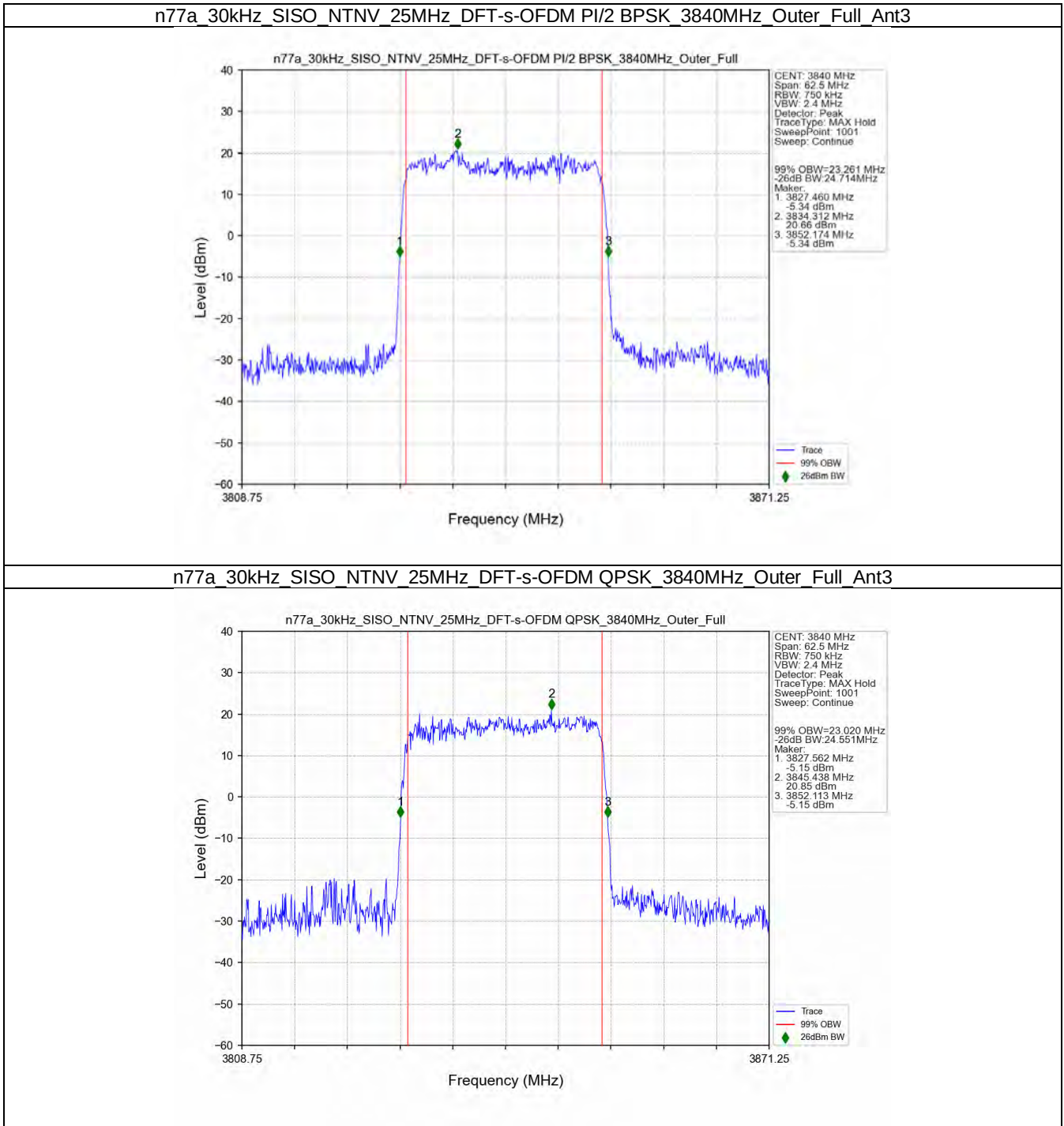
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full_Ant3



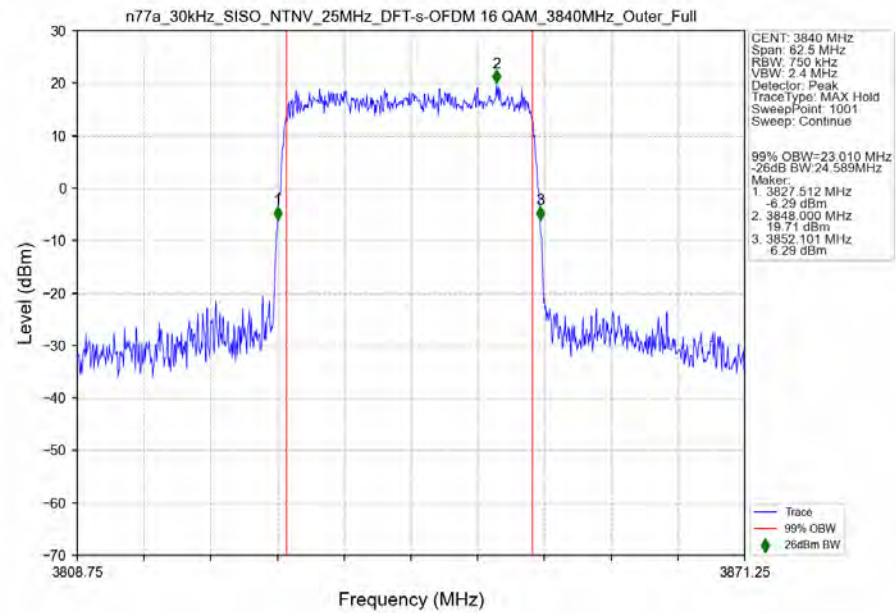
n77a_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant3



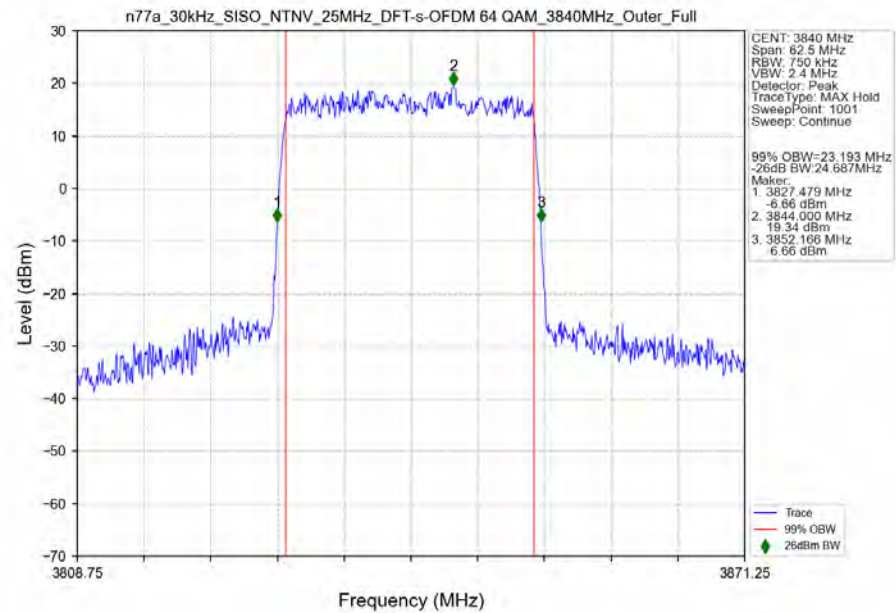
3.2.4 30_S_25M_NTNV



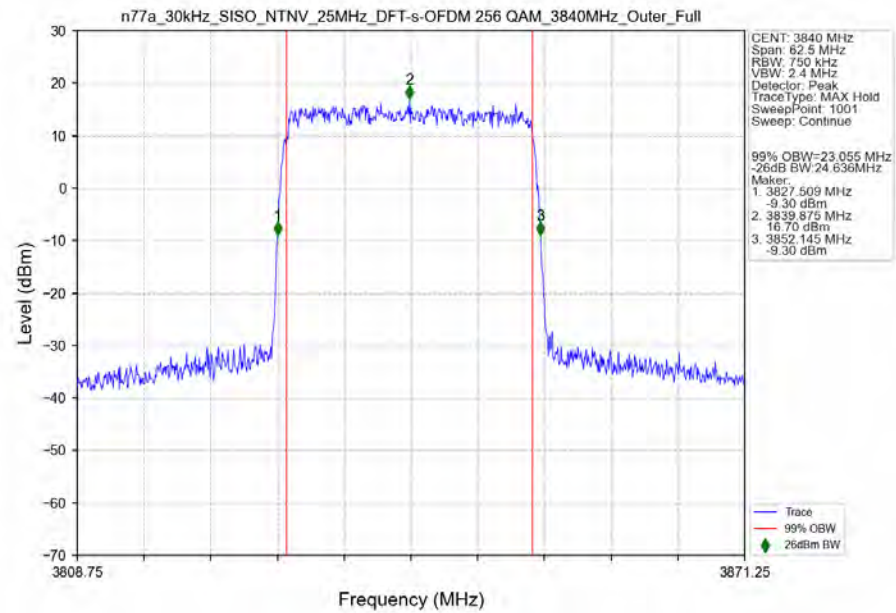
n77a_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant3



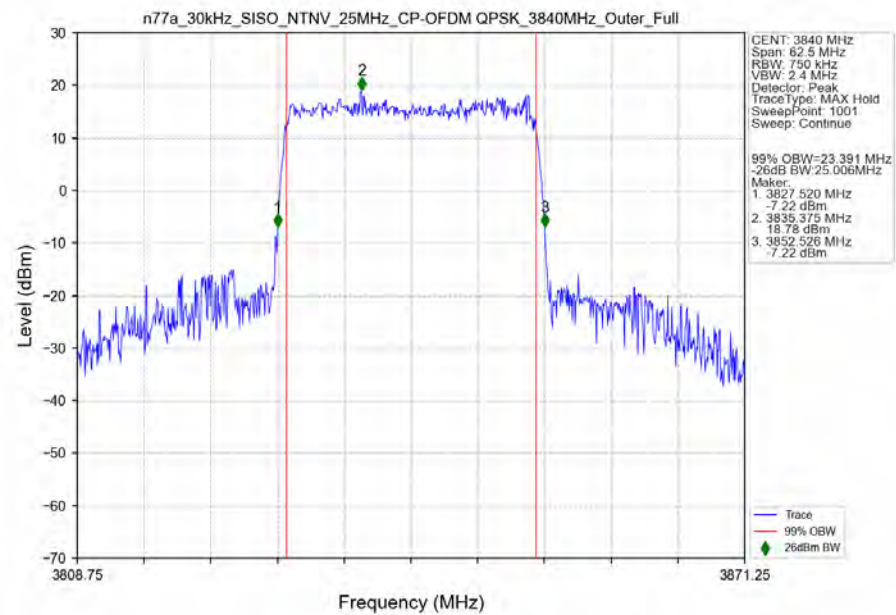
n77a_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant3



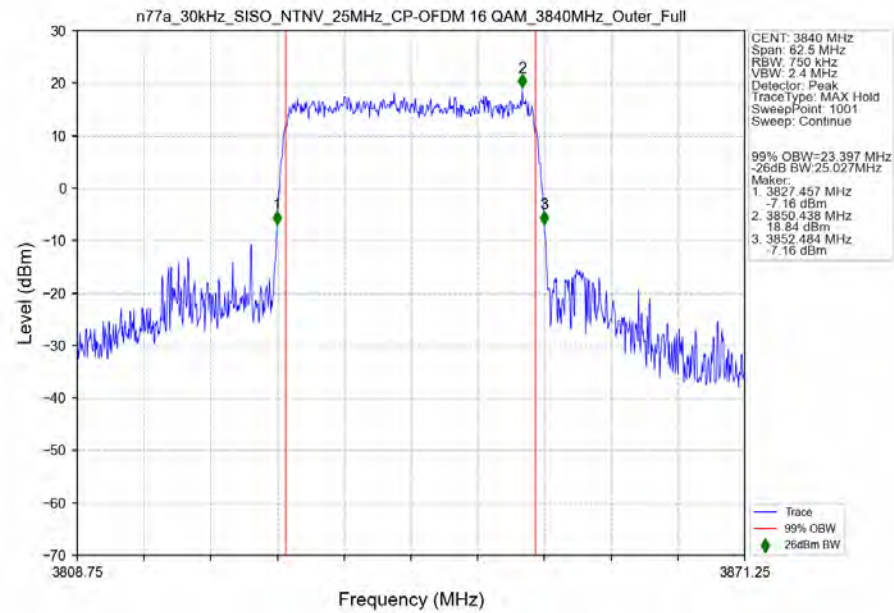
n77a_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant3



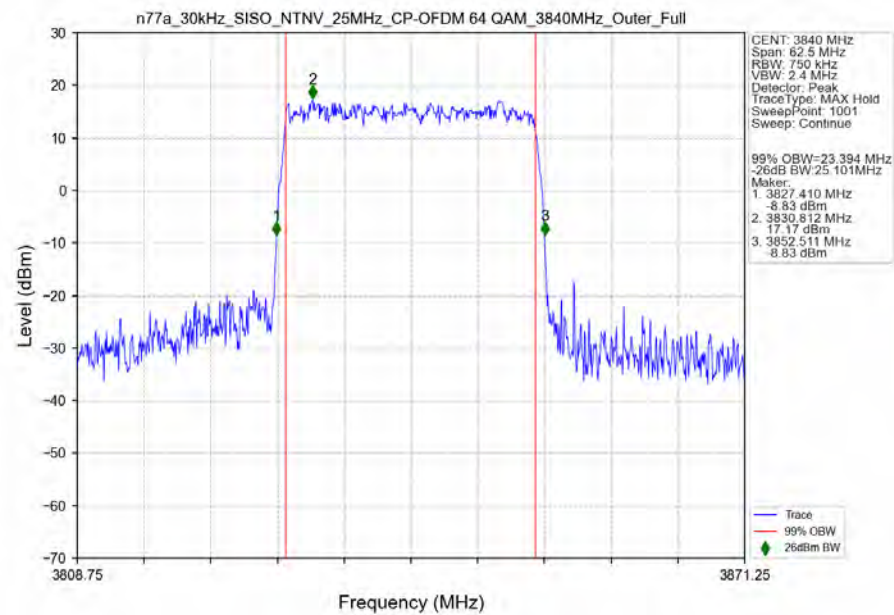
n77a_30kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant3



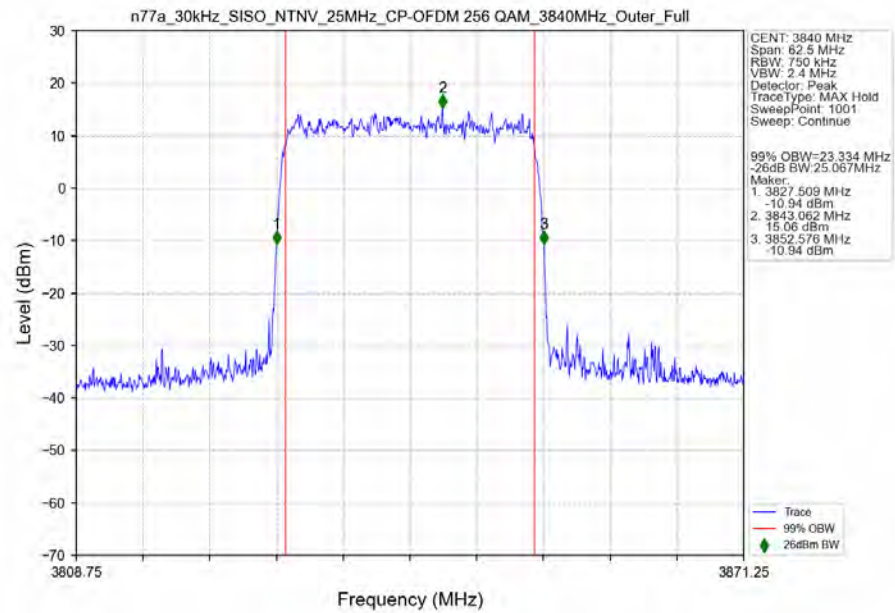
n77a_30kHz_SISO_NTNV_25MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant3



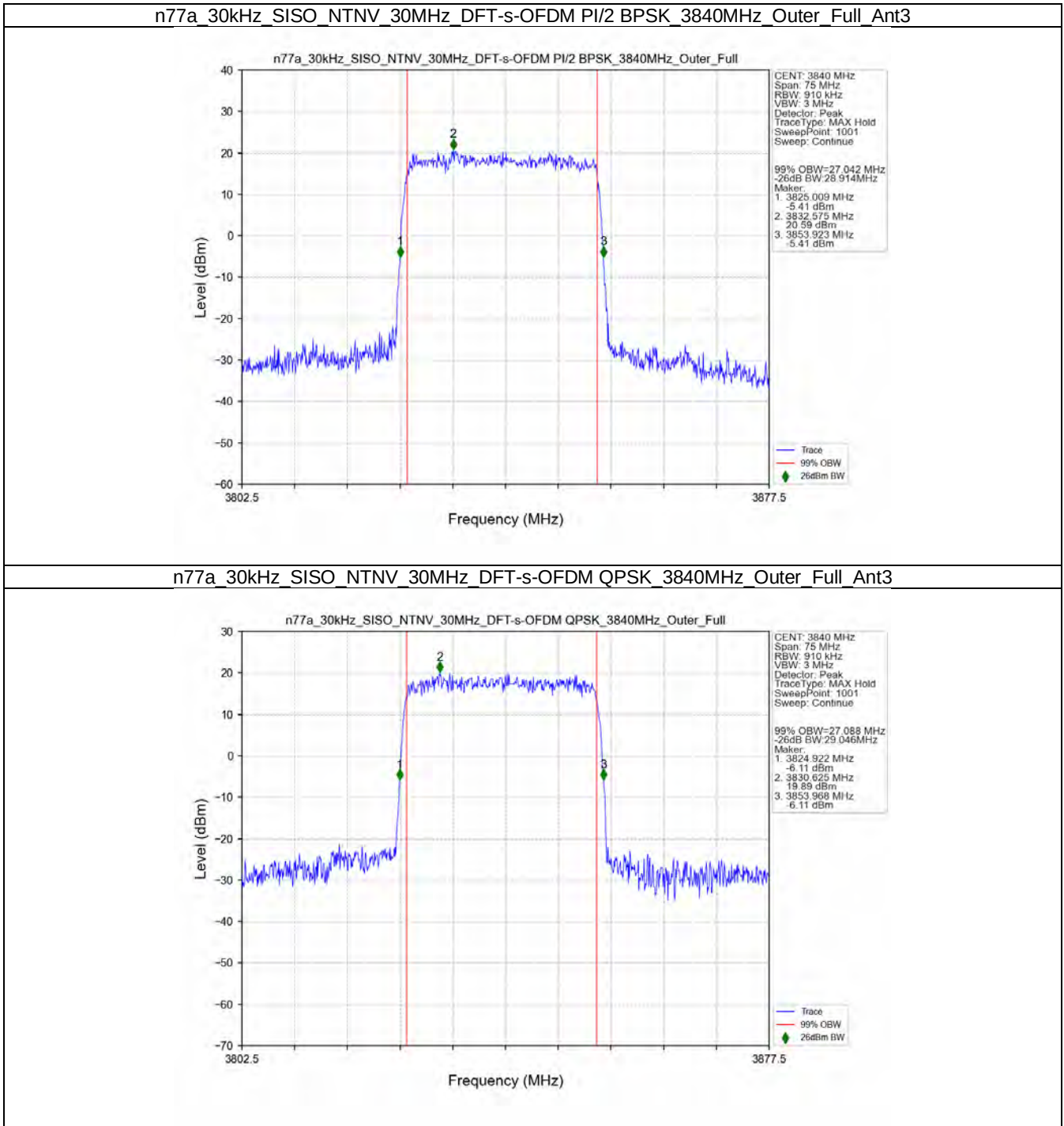
n77a_30kHz_SISO_NTNV_25MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full_Ant3



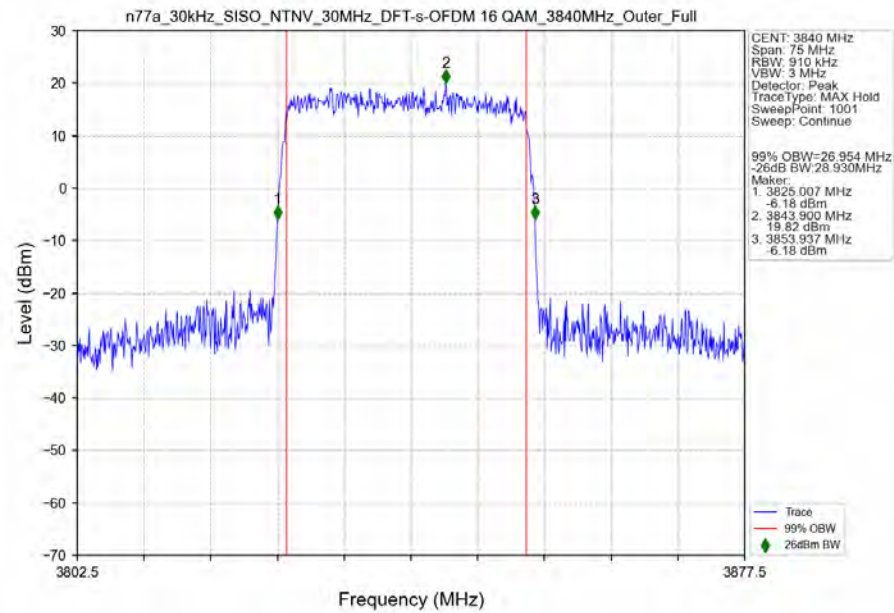
n77a_30kHz_SISO_NTNV_25MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant3



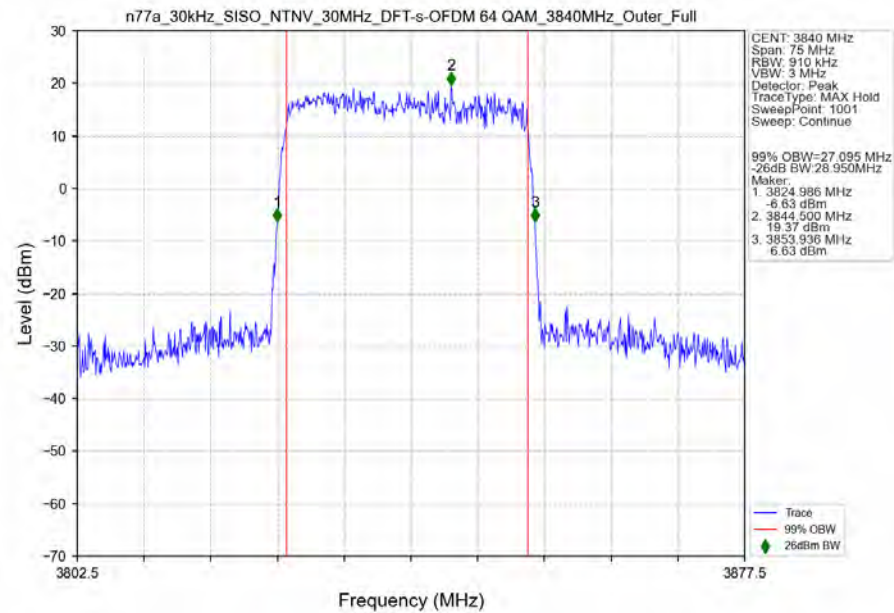
3.2.5 30_S_30M_NTNV



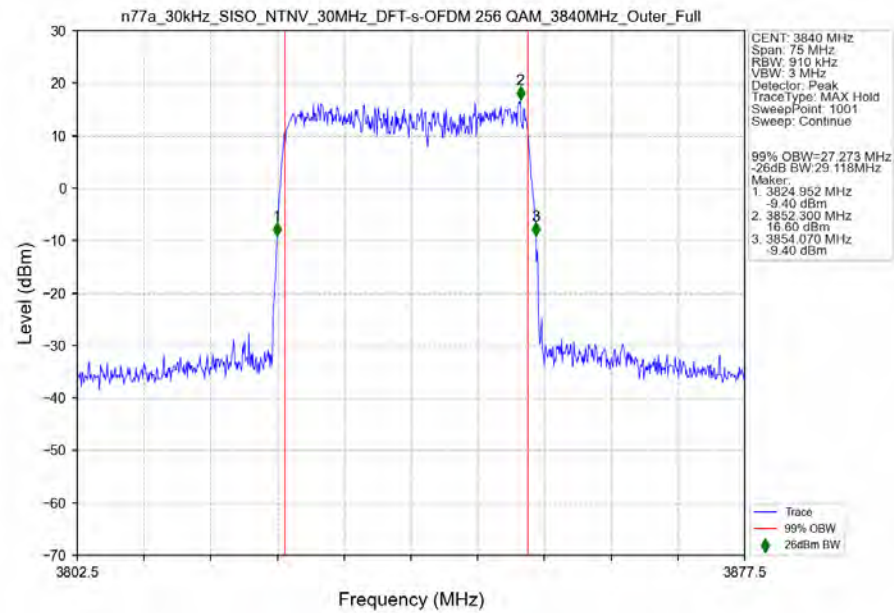
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant3



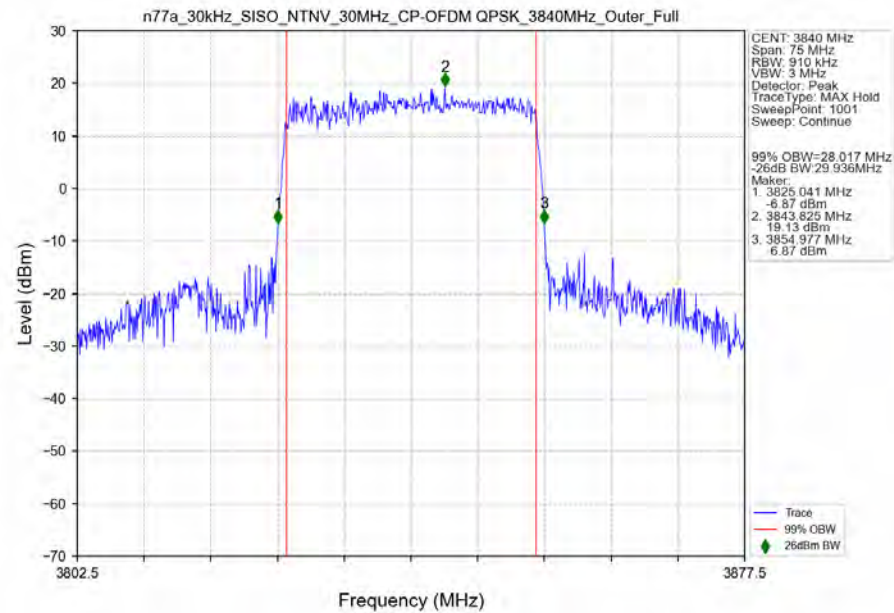
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant3



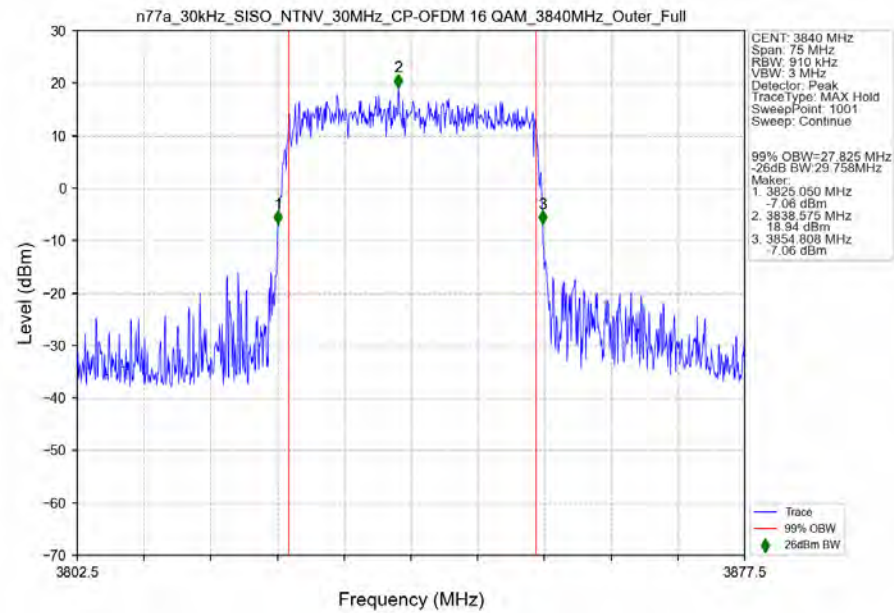
n77a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant3



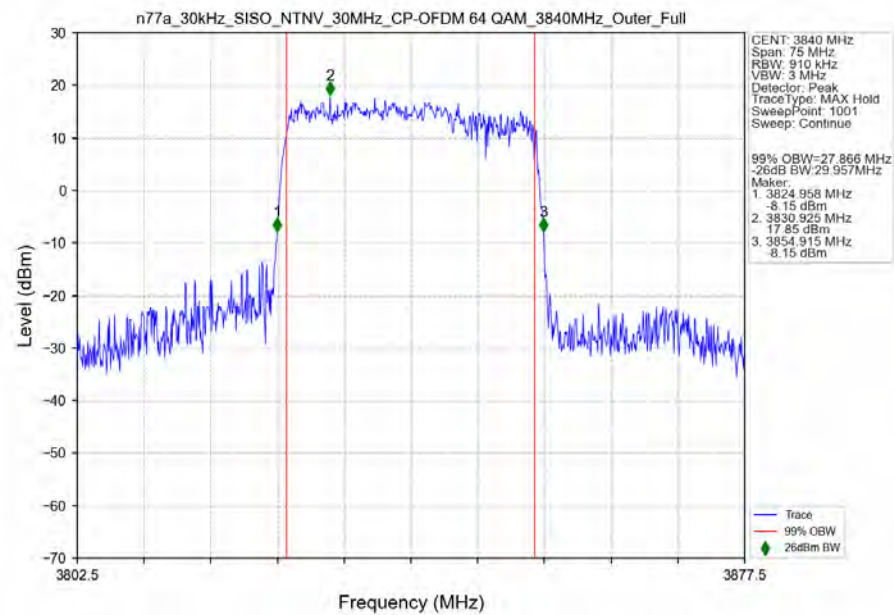
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant3



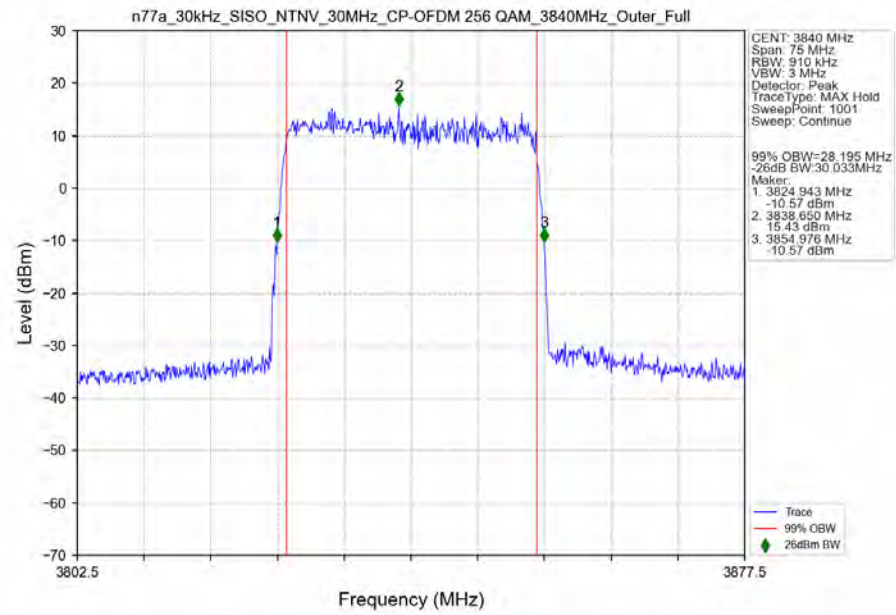
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant3



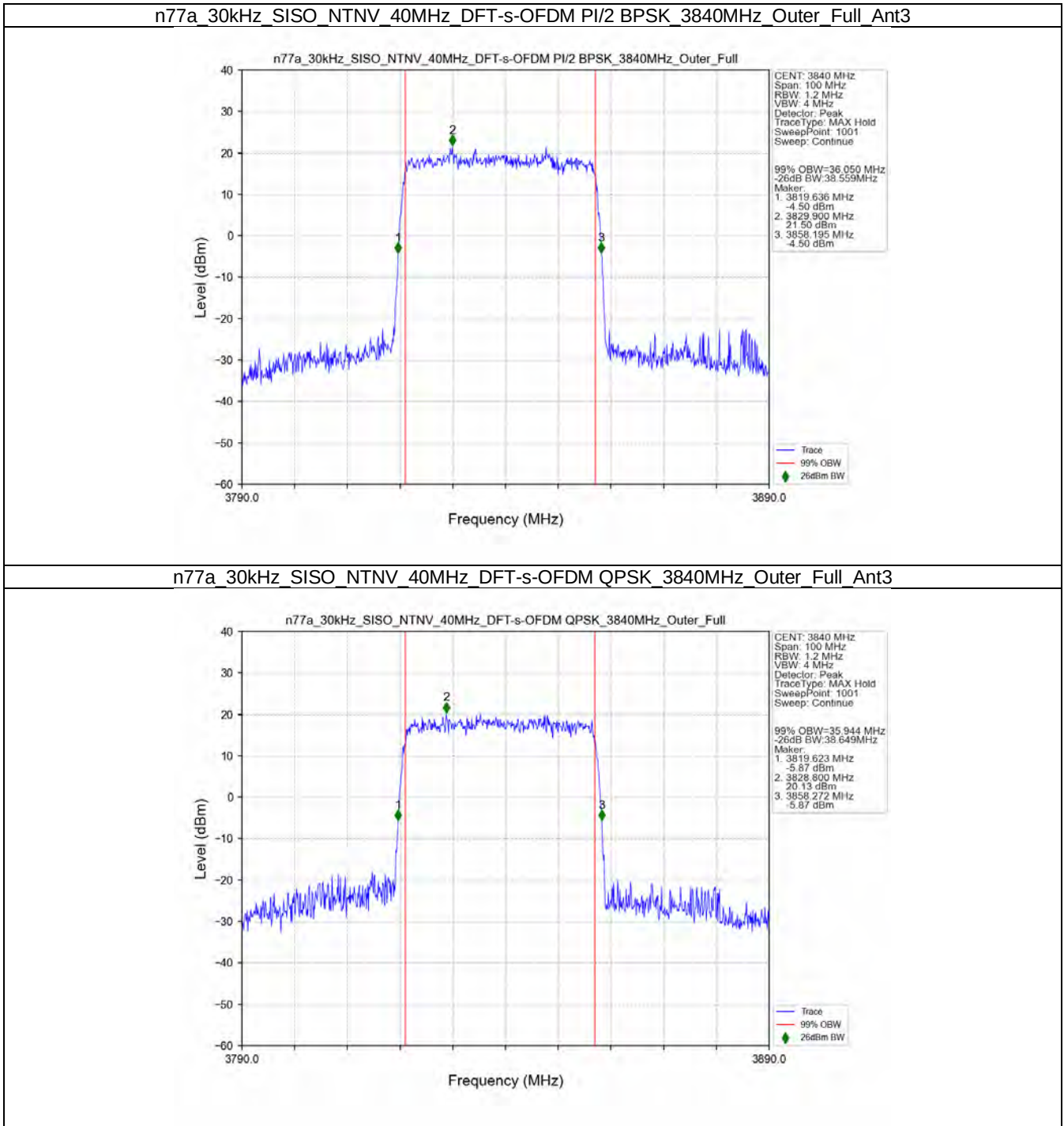
n77a_30kHz_SISO_NTNV_30MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full_Ant3



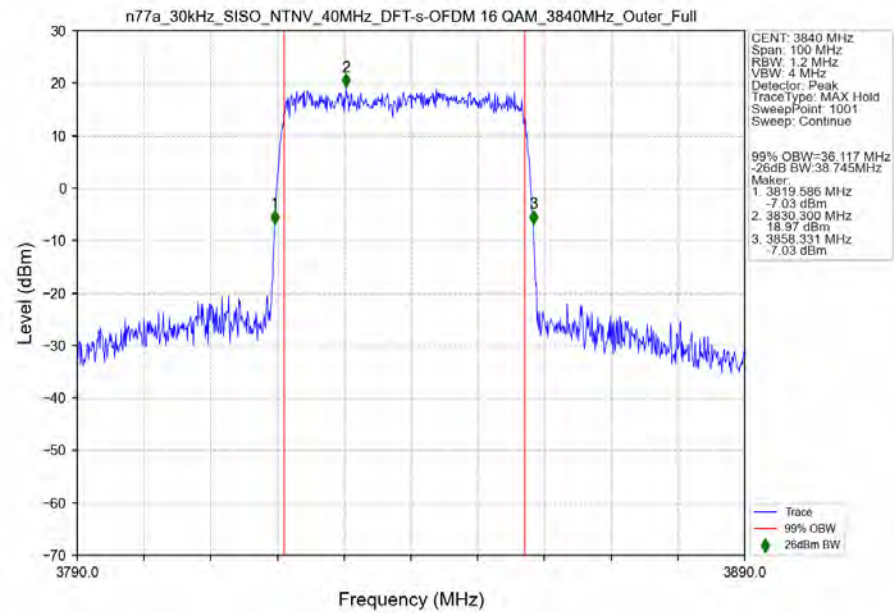
n77a 30kHz SISO NTN 30MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant3



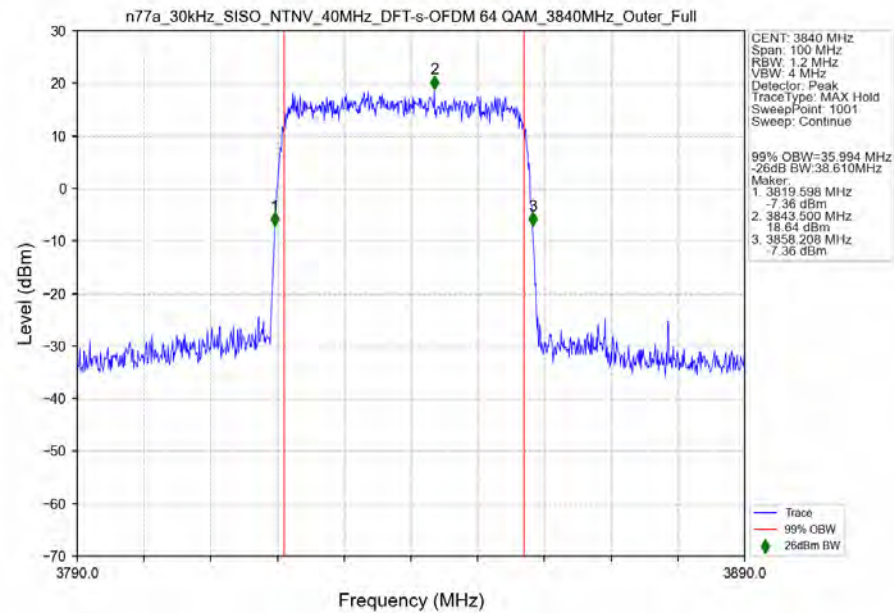
3.2.6 30_S_40M_NTNV



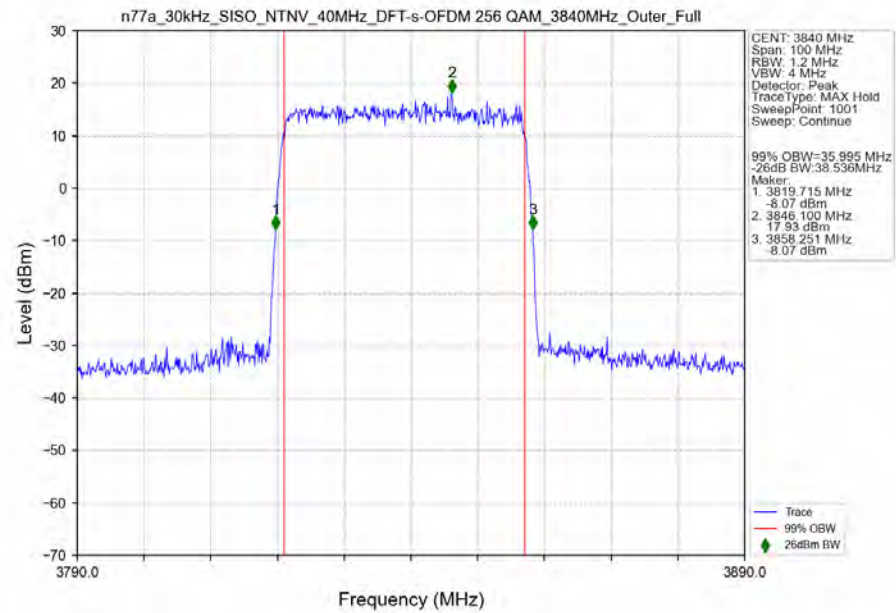
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant3



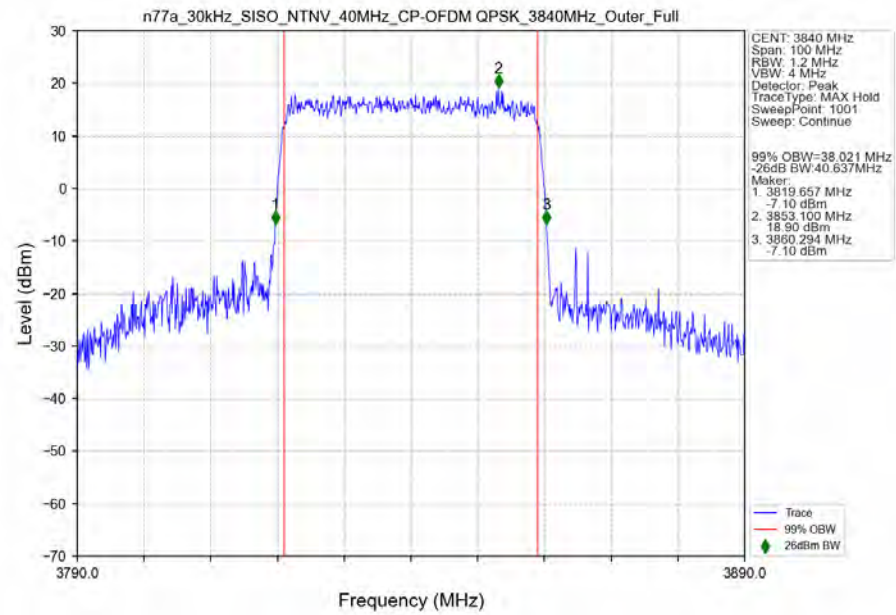
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant3



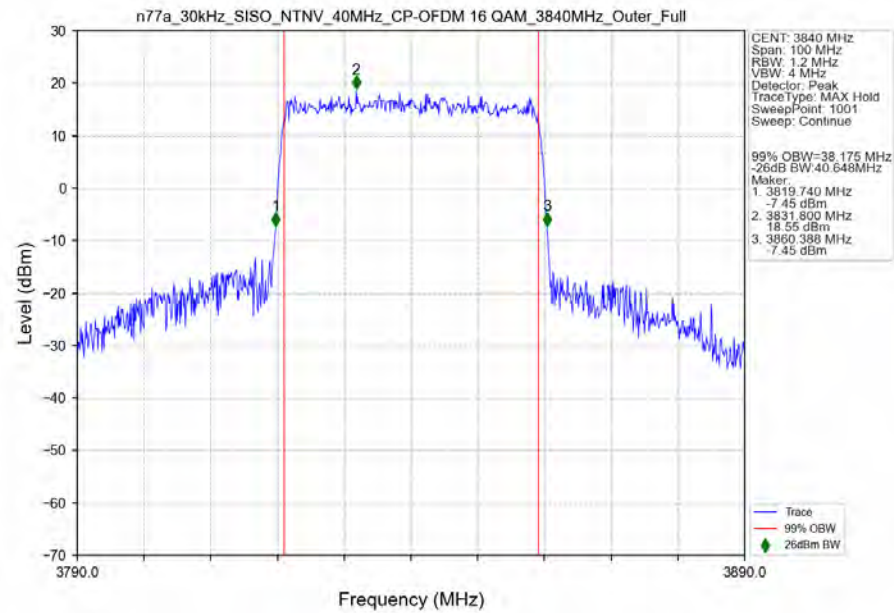
n77a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant3



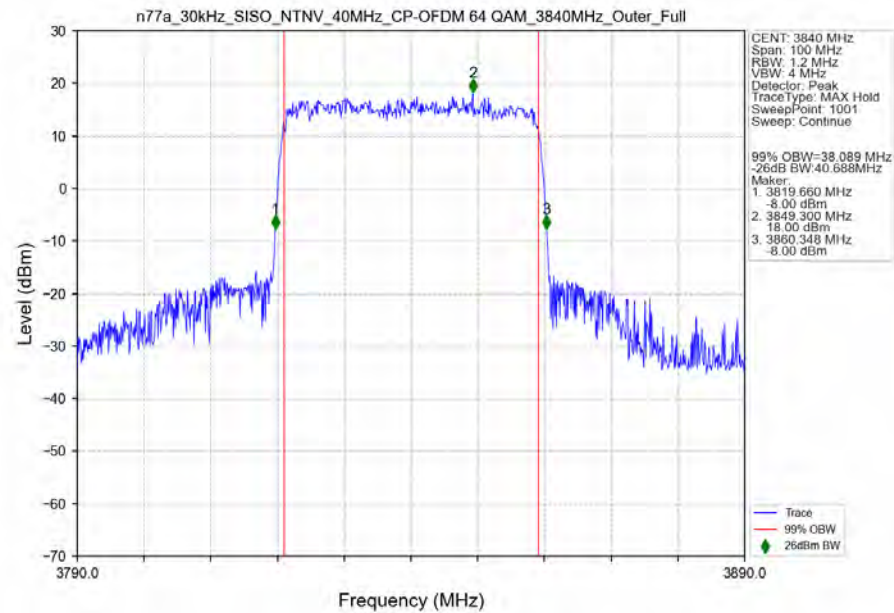
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant3



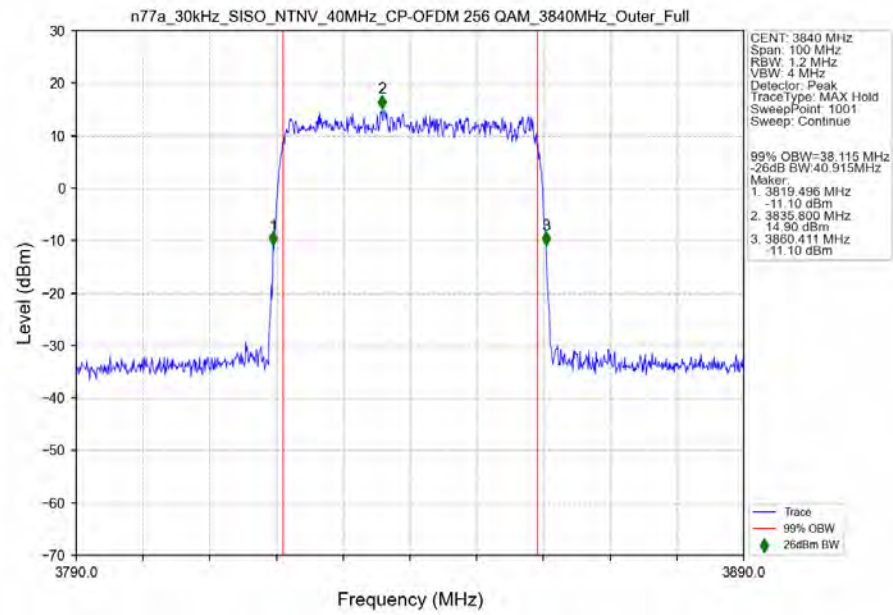
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant3



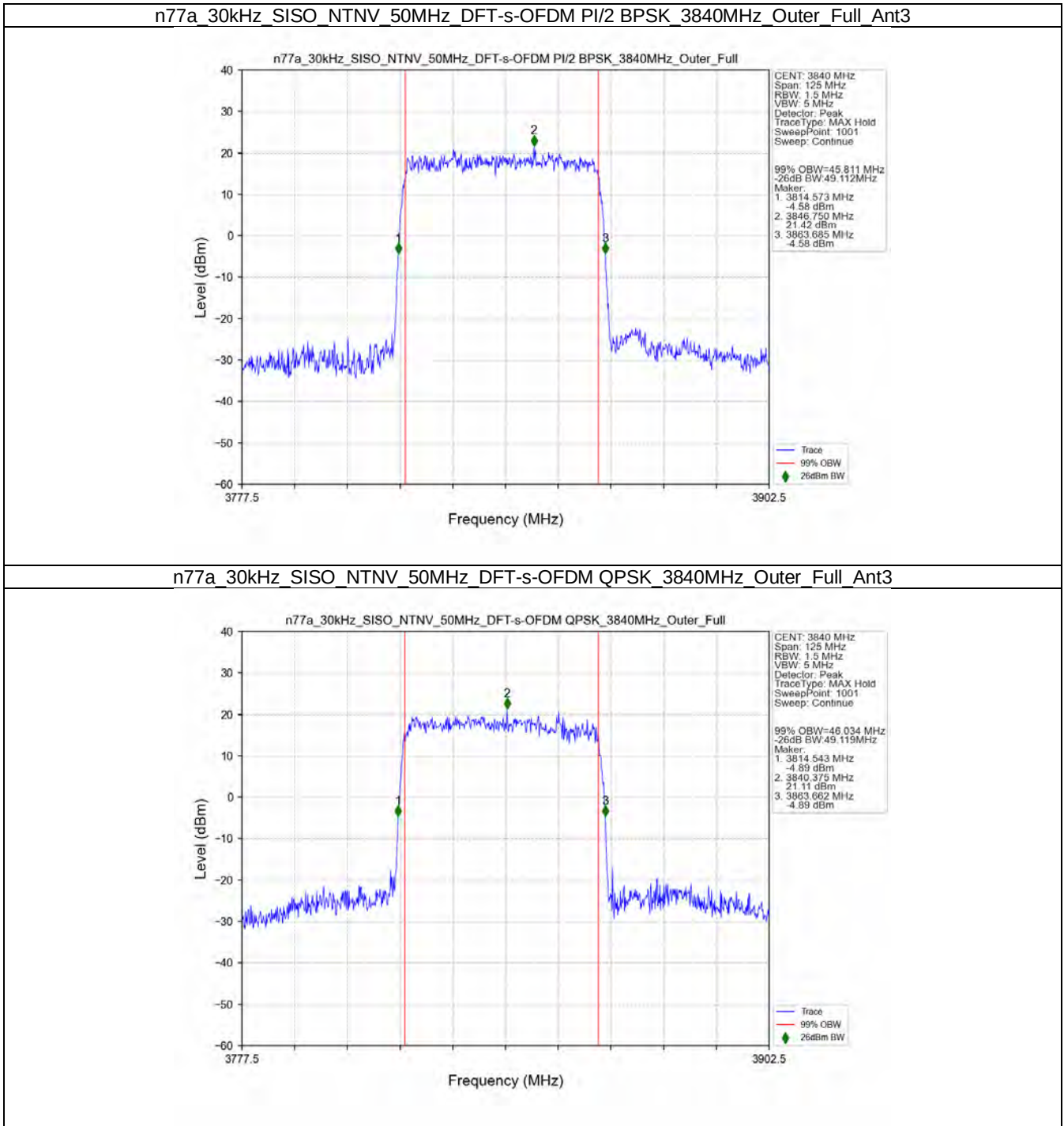
n77a_30kHz_SISO_NTNV_40MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full_Ant3



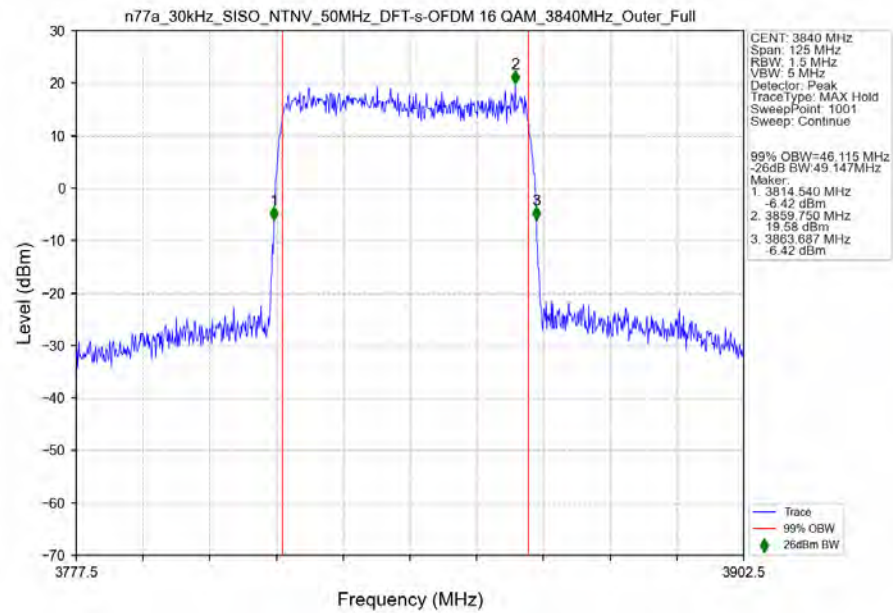
n77a 30kHz SISO NTN 40MHz CP-OFDM 256 QAM 3840MHz Outer Full Ant3



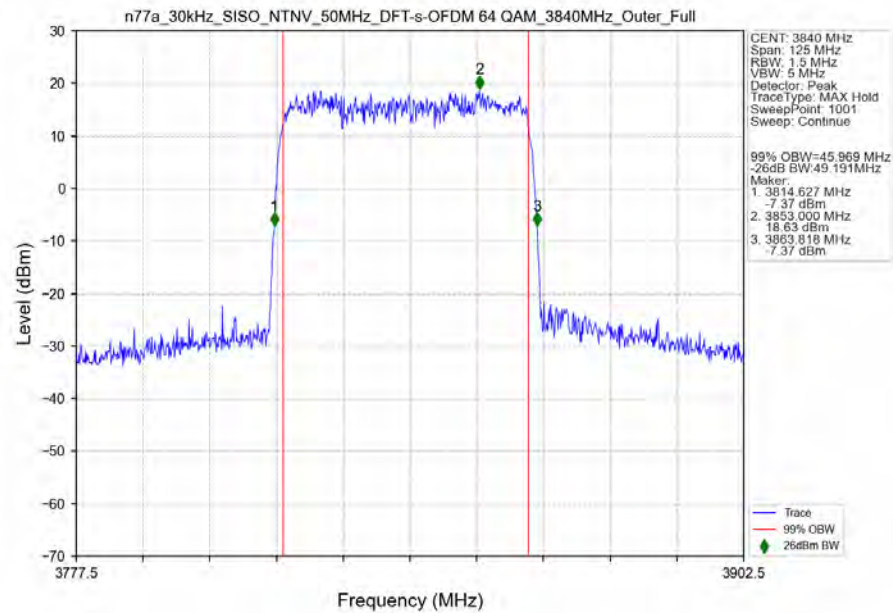
3.2.7 30_S_50M_NTNV



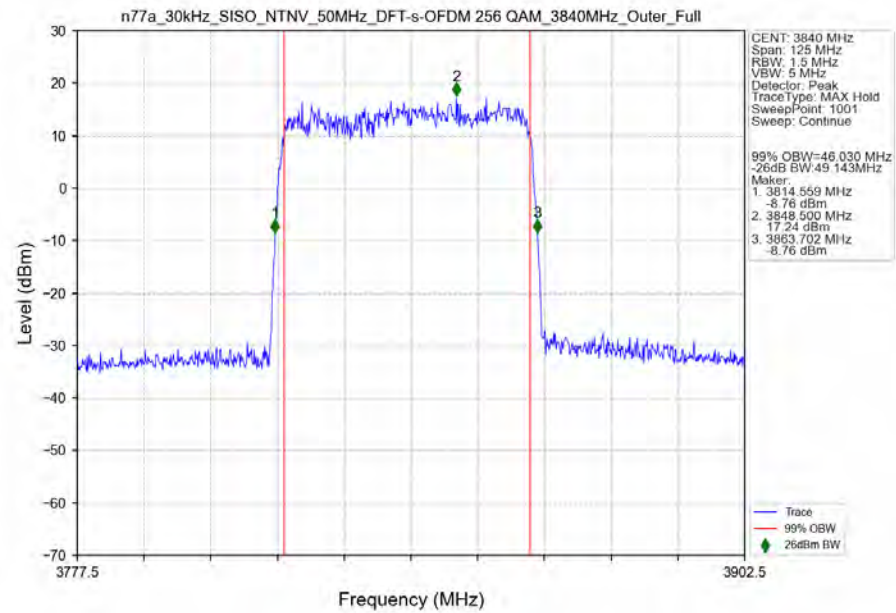
n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_16_QAM_3840MHz_Outer_Full_Ant3



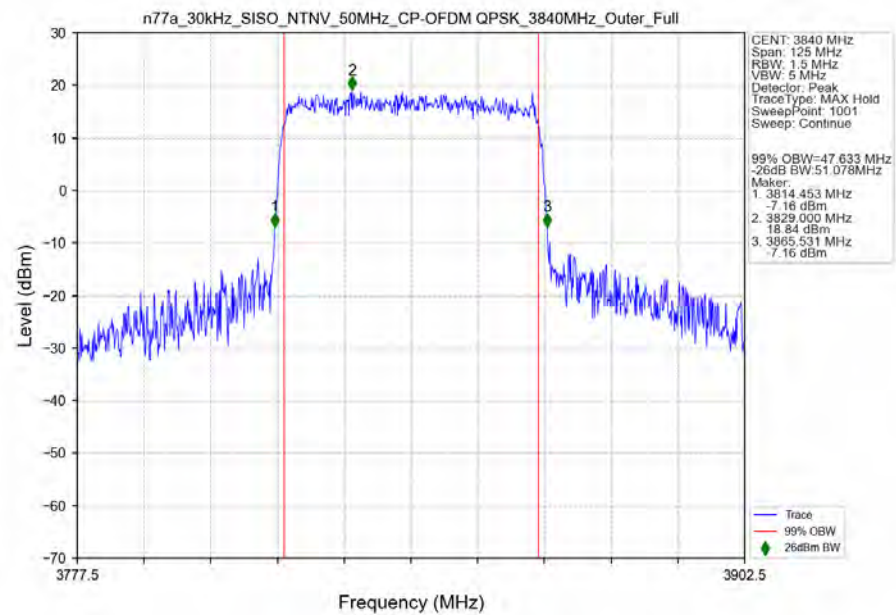
n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_64_QAM_3840MHz_Outer_Full_Ant3



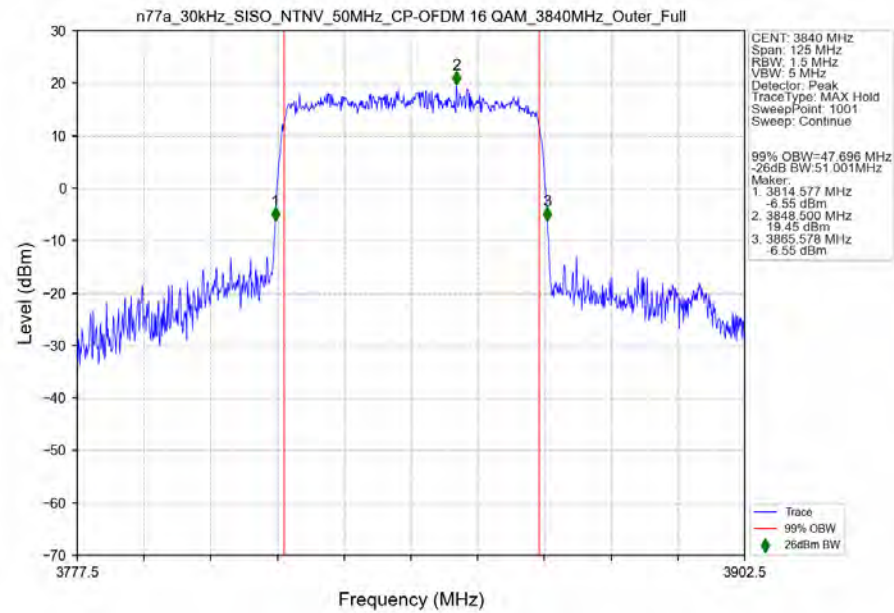
n77a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_256_QAM_3840MHz_Outer_Full_Ant3



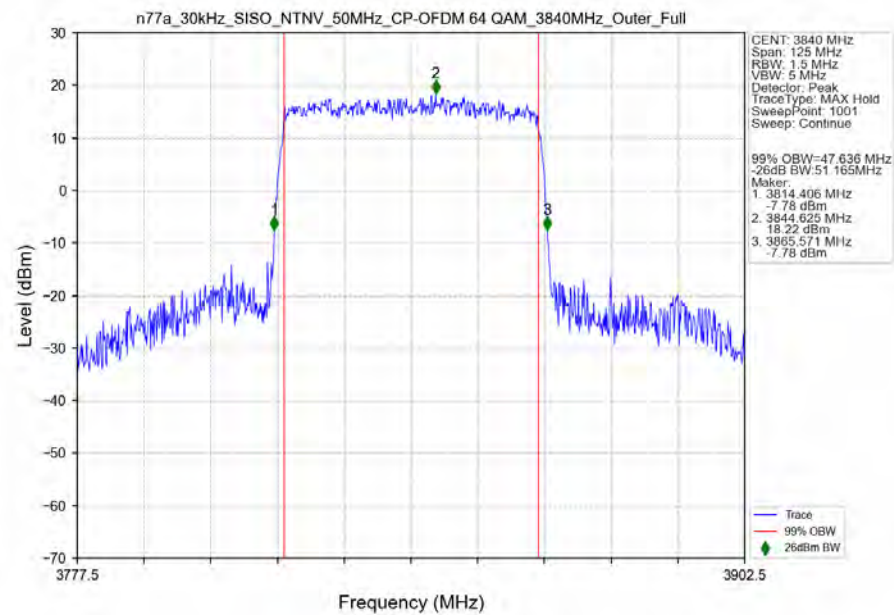
n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3840MHz_Outer_Full_Ant3



n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_16_QAM_3840MHz_Outer_Full_Ant3



n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_64_QAM_3840MHz_Outer_Full_Ant3



n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM_256_QAM_3840MHz_Outer_Full_Ant3

