

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30_S_10M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant8	Ant2	Sum	Ant8	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3705	Edge_1RB_Left	22.68	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	20.15	/	/	<=30	Pass
		Outer_Full	25.63	/	/	23.13	/	/	<=30	Pass
		Inner_Full	26.12	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Left	26.18	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Right	26.15	/	/	23.65	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.57	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	20.12	/	/	<=30	Pass
		Outer_Full	23.10	/	/	20.60	/	/	<=30	Pass
		Inner_Full	24.37	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Left	24.43	/	/	21.93	/	/	<=30	Pass
		Inner_1RB_Right	24.50	/	/	22.00	/	/	<=30	Pass
	3795	Edge_1RB_Left	22.47	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	19.97	/	/	<=30	Pass
		Outer_Full	25.53	/	/	23.03	/	/	<=30	Pass
		Inner_Full	25.90	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Left	25.96	/	/	23.46	/	/	<=30	Pass
DFT-s-OFDM QPSK	3705	Inner_1RB_Right	26.02	/	/	23.52	/	/	<=30	Pass
		Edge_1RB_Left	22.71	/	/	20.21	/	/	<=30	Pass
		Edge_1RB_Right	22.72	/	/	20.22	/	/	<=30	Pass
		Outer_Full	25.18	/	/	22.68	/	/	<=30	Pass
		Inner_Full	26.13	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Left	26.08	/	/	23.58	/	/	<=30	Pass
	3750	Inner_1RB_Right	26.07	/	/	23.57	/	/	<=30	Pass
		Edge_1RB_Left	22.54	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	20.07	/	/	<=30	Pass
		Outer_Full	25.03	/	/	22.53	/	/	<=30	Pass
		Inner_Full	25.98	/	/	23.48	/	/	<=30	Pass
	3795	Inner_1RB_Left	25.89	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Right	25.93	/	/	23.43	/	/	<=30	Pass
		Edge_1RB_Left	22.55	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	20.04	/	/	<=30	Pass
		Outer_Full	25.02	/	/	22.52	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3705	Inner_Full	26.09	/	/	23.59	/	/	<=30	Pass
		Inner_1RB_Left	25.91	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Right	25.94	/	/	23.44	/	/	<=30	Pass
		Edge_1RB_Left	22.55	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	20.03	/	/	<=30	Pass
		Outer_Full	24.08	/	/	21.58	/	/	<=30	Pass
	3750	Inner_Full	25.23	/	/	22.73	/	/	<=30	Pass
		Inner_1RB_Left	24.97	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Right	25.17	/	/	22.67	/	/	<=30	Pass
		Edge_1RB_Left	22.43	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	19.92	/	/	<=30	Pass
	3795	Outer_Full	23.91	/	/	21.41	/	/	<=30	Pass
		Inner_Full	24.96	/	/	22.46	/	/	<=30	Pass
		Inner_1RB_Left	24.99	/	/	22.49	/	/	<=30	Pass
		Inner_1RB_Right	25.05	/	/	22.55	/	/	<=30	Pass
		Edge_1RB_Left	22.44	/	/	19.94	/	/	<=30	Pass
	3795	Edge_1RB_Right	22.39	/	/	19.89	/	/	<=30	Pass
		Outer_Full	24.06	/	/	21.56	/	/	<=30	Pass
		Inner_Full	25.05	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Left	25.03	/	/	22.53	/	/	<=30	Pass
		Inner_1RB_Right	25.04	/	/	22.54	/	/	<=30	Pass

DFT-s-OFDM 64 QAM	3705	Edge_1RB_Left	22.70	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	20.19	/	/	<=30	Pass
		Outer_Full	23.68	/	/	21.18	/	/	<=30	Pass
		Inner_Full	23.77	/	/	21.27	/	/	<=30	Pass
		Inner_1RB_Left	23.67	/	/	21.17	/	/	<=30	Pass
		Inner_1RB_Right	23.70	/	/	21.20	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.37	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	20.01	/	/	<=30	Pass
		Outer_Full	23.57	/	/	21.07	/	/	<=30	Pass
		Inner_Full	23.50	/	/	21.00	/	/	<=30	Pass
		Inner_1RB_Left	23.51	/	/	21.01	/	/	<=30	Pass
		Inner_1RB_Right	23.55	/	/	21.05	/	/	<=30	Pass
	3795	Edge_1RB_Left	22.40	/	/	19.90	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	20.05	/	/	<=30	Pass
		Outer_Full	23.51	/	/	21.01	/	/	<=30	Pass
		Inner_Full	23.57	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Left	23.46	/	/	20.96	/	/	<=30	Pass
		Inner_1RB_Right	23.48	/	/	20.98	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3705	Edge_1RB_Left	21.62	/	/	19.12	/	/	<=30	Pass
		Edge_1RB_Right	21.67	/	/	19.17	/	/	<=30	Pass
		Outer_Full	21.76	/	/	19.26	/	/	<=30	Pass
		Inner_Full	21.46	/	/	18.96	/	/	<=30	Pass
		Inner_1RB_Left	21.68	/	/	19.18	/	/	<=30	Pass
		Inner_1RB_Right	21.60	/	/	19.10	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.45	/	/	18.95	/	/	<=30	Pass
		Edge_1RB_Right	21.42	/	/	18.92	/	/	<=30	Pass
		Outer_Full	21.45	/	/	18.95	/	/	<=30	Pass
		Inner_Full	21.27	/	/	18.77	/	/	<=30	Pass
		Inner_1RB_Left	21.43	/	/	18.93	/	/	<=30	Pass
		Inner_1RB_Right	21.46	/	/	18.96	/	/	<=30	Pass
	3795	Edge_1RB_Left	21.43	/	/	18.93	/	/	<=30	Pass
		Edge_1RB_Right	21.44	/	/	18.94	/	/	<=30	Pass
		Outer_Full	21.33	/	/	18.83	/	/	<=30	Pass
		Inner_Full	21.32	/	/	18.82	/	/	<=30	Pass
		Inner_1RB_Left	21.47	/	/	18.97	/	/	<=30	Pass
		Inner_1RB_Right	21.46	/	/	18.96	/	/	<=30	Pass
CP-OFDM QPSK	3705	Edge_1RB_Left	22.92	/	/	20.42	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	20.37	/	/	<=30	Pass
		Outer_Full	23.21	/	/	20.71	/	/	<=30	Pass
		Inner_Full	24.67	/	/	22.17	/	/	<=30	Pass
		Inner_1RB_Left	24.71	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Right	24.77	/	/	22.27	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.73	/	/	20.23	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	20.25	/	/	<=30	Pass
		Outer_Full	22.99	/	/	20.49	/	/	<=30	Pass
		Inner_Full	24.37	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Left	24.60	/	/	22.10	/	/	<=30	Pass
		Inner_1RB_Right	24.72	/	/	22.22	/	/	<=30	Pass
	3795	Edge_1RB_Left	22.69	/	/	20.19	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	20.24	/	/	<=30	Pass
		Outer_Full	23.01	/	/	20.51	/	/	<=30	Pass
		Inner_Full	24.52	/	/	22.02	/	/	<=30	Pass
		Inner_1RB_Left	24.54	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Right	24.59	/	/	22.09	/	/	<=30	Pass
CP-OFDM 16 QAM	3705	Edge_1RB_Left	22.52	/	/	20.02	/	/	<=30	Pass
		Edge_1RB_Right	22.50	/	/	20.00	/	/	<=30	Pass
		Outer_Full	22.94	/	/	20.44	/	/	<=30	Pass
		Inner_Full	24.10	/	/	21.60	/	/	<=30	Pass
		Inner_1RB_Left	24.11	/	/	21.61	/	/	<=30	Pass
		Inner_1RB_Right	24.09	/	/	21.59	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.33	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	19.91	/	/	<=30	Pass
		Outer_Full	22.80	/	/	20.31	/	/	<=30	Pass
		Inner_Full	24.05	/	/	21.55	/	/	<=30	Pass

		Inner_1RB_Left	23.83	/	/	21.33	/	/	<=30	Pass
		Inner_1RB_Right	24.00	/	/	21.50	/	/	<=30	Pass
	3795	Edge_1RB_Left	22.36	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	19.87	/	/	<=30	Pass
		Outer_Full	22.84	/	/	20.34	/	/	<=30	Pass
		Inner_Full	23.93	/	/	21.43	/	/	<=30	Pass
		Inner_1RB_Left	23.85	/	/	21.35	/	/	<=30	Pass
		Inner_1RB_Right	23.81	/	/	21.31	/	/	<=30	Pass
CP-OFDM 64 QAM	3705	Edge_1RB_Left	22.63	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	20.26	/	/	<=30	Pass
		Outer_Full	22.70	/	/	20.20	/	/	<=30	Pass
		Inner_Full	22.76	/	/	20.26	/	/	<=30	Pass
		Inner_1RB_Left	22.68	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Right	22.81	/	/	20.31	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.57	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	20.01	/	/	<=30	Pass
		Outer_Full	22.55	/	/	20.05	/	/	<=30	Pass
		Inner_Full	22.68	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Left	22.56	/	/	20.06	/	/	<=30	Pass
		Inner_1RB_Right	22.52	/	/	20.02	/	/	<=30	Pass
	3795	Edge_1RB_Left	22.40	/	/	19.90	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	19.91	/	/	<=30	Pass
		Outer_Full	22.44	/	/	19.94	/	/	<=30	Pass
		Inner_Full	22.62	/	/	20.12	/	/	<=30	Pass
		Inner_1RB_Left	22.43	/	/	19.93	/	/	<=30	Pass
		Inner_1RB_Right	22.40	/	/	19.90	/	/	<=30	Pass
CP-OFDM 256 QAM	3705	Edge_1RB_Left	19.81	/	/	17.31	/	/	<=30	Pass
		Edge_1RB_Right	19.85	/	/	17.35	/	/	<=30	Pass
		Outer_Full	19.79	/	/	17.29	/	/	<=30	Pass
		Inner_Full	19.49	/	/	16.99	/	/	<=30	Pass
		Inner_1RB_Left	19.80	/	/	17.30	/	/	<=30	Pass
		Inner_1RB_Right	19.81	/	/	17.31	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.60	/	/	17.10	/	/	<=30	Pass
		Edge_1RB_Right	19.65	/	/	17.15	/	/	<=30	Pass
		Outer_Full	19.64	/	/	17.14	/	/	<=30	Pass
		Inner_Full	19.34	/	/	16.84	/	/	<=30	Pass
		Inner_1RB_Left	19.58	/	/	17.08	/	/	<=30	Pass
		Inner_1RB_Right	19.74	/	/	17.24	/	/	<=30	Pass
	3795	Edge_1RB_Left	19.61	/	/	17.11	/	/	<=30	Pass
		Edge_1RB_Right	19.65	/	/	17.15	/	/	<=30	Pass
		Outer_Full	19.52	/	/	17.02	/	/	<=30	Pass
		Inner_Full	19.45	/	/	16.95	/	/	<=30	Pass
		Inner_1RB_Left	19.63	/	/	17.13	/	/	<=30	Pass
		Inner_1RB_Right	19.66	/	/	17.16	/	/	<=30	Pass
Note1: Antenna Gain: Ant8: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30_S_15M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant8	Ant2	Sum	Ant8	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3707.52	Edge_1RB_Left	22.54	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	20.01	/	/	<=30	Pass
		Outer_Full	25.64	/	/	23.15	/	/	<=30	Pass
		Inner_Full	26.09	/	/	23.59	/	/	<=30	Pass
		Inner_1RB_Left	26.04	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Right	26.03	/	/	23.53	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.34	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	19.90	/	/	<=30	Pass
		Outer_Full	25.50	/	/	23.00	/	/	<=30	Pass
		Inner_Full	25.97	/	/	23.47	/	/	<=30	Pass

		Inner_1RB_Left	25.92	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Right	25.89	/	/	23.39	/	/	<=30	Pass
	3792.48	Edge_1RB_Left	22.33	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	19.87	/	/	<=30	Pass
		Outer_Full	25.46	/	/	22.96	/	/	<=30	Pass
		Inner_Full	25.92	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Left	25.87	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Right	25.89	/	/	23.39	/	/	<=30	Pass
DFT-s-OFDM QPSK	3707.52	Edge_1RB_Left	22.65	/	/	20.15	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	20.25	/	/	<=30	Pass
		Outer_Full	25.17	/	/	22.67	/	/	<=30	Pass
		Inner_Full	26.14	/	/	23.65	/	/	<=30	Pass
		Inner_1RB_Left	26.07	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Right	26.30	/	/	23.80	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.63	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	20.13	/	/	<=30	Pass
		Outer_Full	25.10	/	/	22.60	/	/	<=30	Pass
		Inner_Full	26.05	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Left	26.03	/	/	23.53	/	/	<=30	Pass
		Inner_1RB_Right	26.13	/	/	23.63	/	/	<=30	Pass
	3792.48	Edge_1RB_Left	22.55	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	20.09	/	/	<=30	Pass
		Outer_Full	25.07	/	/	22.57	/	/	<=30	Pass
		Inner_Full	26.06	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Left	26.08	/	/	23.58	/	/	<=30	Pass
		Inner_1RB_Right	26.09	/	/	23.59	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3707.52	Edge_1RB_Left	22.55	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	20.09	/	/	<=30	Pass
		Outer_Full	24.13	/	/	21.63	/	/	<=30	Pass
		Inner_Full	25.09	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Left	25.09	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Right	25.24	/	/	22.74	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.34	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	19.94	/	/	<=30	Pass
		Outer_Full	24.06	/	/	21.56	/	/	<=30	Pass
		Inner_Full	25.07	/	/	22.57	/	/	<=30	Pass
		Inner_1RB_Left	25.06	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Right	24.87	/	/	22.37	/	/	<=30	Pass
	3792.48	Edge_1RB_Left	22.34	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	19.87	/	/	<=30	Pass
		Outer_Full	24.03	/	/	21.53	/	/	<=30	Pass
		Inner_Full	24.94	/	/	22.44	/	/	<=30	Pass
		Inner_1RB_Left	24.80	/	/	22.31	/	/	<=30	Pass
		Inner_1RB_Right	24.87	/	/	22.37	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3707.52	Edge_1RB_Left	22.55	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	19.95	/	/	<=30	Pass
		Outer_Full	23.78	/	/	21.28	/	/	<=30	Pass
		Inner_Full	23.58	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Left	23.57	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Right	23.59	/	/	21.09	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.30	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	19.84	/	/	<=30	Pass
		Outer_Full	23.64	/	/	21.14	/	/	<=30	Pass
		Inner_Full	23.59	/	/	21.09	/	/	<=30	Pass
		Inner_1RB_Left	23.46	/	/	20.96	/	/	<=30	Pass
		Inner_1RB_Right	23.48	/	/	20.98	/	/	<=30	Pass
	3792.48	Edge_1RB_Left	22.40	/	/	19.90	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	19.96	/	/	<=30	Pass
		Outer_Full	23.64	/	/	21.14	/	/	<=30	Pass
		Inner_Full	23.47	/	/	20.97	/	/	<=30	Pass
		Inner_1RB_Left	23.45	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	20.95	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3707.52	Edge_1RB_Left	21.47	/	/	18.97	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	19.10	/	/	<=30	Pass

		Outer_Full	19.64	/	/	17.14	/	/	<=30	Pass
		Inner_Full	21.70	/	/	19.20	/	/	<=30	Pass
		Inner_1RB_Left	21.58	/	/	19.08	/	/	<=30	Pass
		Inner_1RB_Right	21.61	/	/	19.11	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.44	/	/	18.94	/	/	<=30	Pass
		Edge_1RB_Right	21.45	/	/	18.95	/	/	<=30	Pass
		Outer_Full	21.66	/	/	19.16	/	/	<=30	Pass
		Inner_Full	21.62	/	/	19.12	/	/	<=30	Pass
	3792.48	Inner_1RB_Left	21.39	/	/	18.90	/	/	<=30	Pass
		Inner_1RB_Right	21.36	/	/	18.86	/	/	<=30	Pass
		Edge_1RB_Left	21.33	/	/	18.83	/	/	<=30	Pass
		Edge_1RB_Right	21.46	/	/	18.96	/	/	<=30	Pass
CP-OFDM QPSK	3707.52	Outer_Full	21.61	/	/	19.11	/	/	<=30	Pass
		Inner_Full	21.56	/	/	19.06	/	/	<=30	Pass
		Inner_1RB_Left	21.40	/	/	18.90	/	/	<=30	Pass
		Inner_1RB_Right	21.39	/	/	18.89	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.66	/	/	20.16	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	20.21	/	/	<=30	Pass
		Outer_Full	23.23	/	/	20.74	/	/	<=30	Pass
		Inner_Full	24.56	/	/	22.06	/	/	<=30	Pass
	3792.48	Inner_1RB_Left	24.61	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Right	24.52	/	/	22.02	/	/	<=30	Pass
		Edge_1RB_Left	22.54	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	20.10	/	/	<=30	Pass
CP-OFDM 16 QAM	3707.52	Outer_Full	23.13	/	/	20.63	/	/	<=30	Pass
		Inner_Full	24.54	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Left	24.48	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Right	24.62	/	/	22.12	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.52	/	/	20.02	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	20.06	/	/	<=30	Pass
		Outer_Full	23.05	/	/	20.56	/	/	<=30	Pass
		Inner_Full	24.51	/	/	22.01	/	/	<=30	Pass
	3792.48	Inner_1RB_Left	24.34	/	/	21.84	/	/	<=30	Pass
		Inner_1RB_Right	24.34	/	/	21.84	/	/	<=30	Pass
	3707.52	Edge_1RB_Left	22.37	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	19.91	/	/	<=30	Pass
		Outer_Full	23.11	/	/	20.61	/	/	<=30	Pass
		Inner_Full	24.11	/	/	21.61	/	/	<=30	Pass
	3750	Inner_1RB_Left	23.87	/	/	21.37	/	/	<=30	Pass
		Inner_1RB_Right	23.92	/	/	21.42	/	/	<=30	Pass
		Edge_1RB_Left	22.21	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	22.31	/	/	19.81	/	/	<=30	Pass
CP-OFDM 64 QAM	3707.52	Outer_Full	23.05	/	/	20.56	/	/	<=30	Pass
		Inner_Full	24.01	/	/	21.51	/	/	<=30	Pass
		Inner_1RB_Left	23.81	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Right	23.77	/	/	21.27	/	/	<=30	Pass
	3792.48	Edge_1RB_Left	22.23	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Right	22.30	/	/	19.80	/	/	<=30	Pass
		Outer_Full	22.97	/	/	20.47	/	/	<=30	Pass
		Inner_Full	23.92	/	/	21.42	/	/	<=30	Pass
	3750	Inner_1RB_Left	23.68	/	/	21.18	/	/	<=30	Pass
		Inner_1RB_Right	23.71	/	/	21.21	/	/	<=30	Pass
	3707.52	Edge_1RB_Left	22.58	/	/	20.08	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	20.10	/	/	<=30	Pass
		Outer_Full	22.71	/	/	20.21	/	/	<=30	Pass
		Inner_Full	22.61	/	/	20.11	/	/	<=30	Pass
	3750	Inner_1RB_Left	22.62	/	/	20.12	/	/	<=30	Pass
		Inner_1RB_Right	22.50	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Left	22.32	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	19.89	/	/	<=30	Pass
	3750	Outer_Full	22.66	/	/	20.16	/	/	<=30	Pass
		Inner_Full	22.50	/	/	20.00	/	/	<=30	Pass
		Inner_1RB_Left	22.50	/	/	20.00	/	/	<=30	Pass
		Inner_1RB_Right	22.53	/	/	20.03	/	/	<=30	Pass

	3792.48	Edge_1RB_Left	22.41	/	/	19.91	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	19.97	/	/	<=30	Pass
		Outer_Full	22.62	/	/	20.12	/	/	<=30	Pass
		Inner_Full	22.45	/	/	19.95	/	/	<=30	Pass
		Inner_1RB_Left	22.23	/	/	19.73	/	/	<=30	Pass
		Inner_1RB_Right	22.39	/	/	19.89	/	/	<=30	Pass
CP-OFDM 256 QAM	3707.52	Edge_1RB_Left	19.56	/	/	17.06	/	/	<=30	Pass
		Edge_1RB_Right	19.54	/	/	17.04	/	/	<=30	Pass
		Outer_Full	19.88	/	/	17.38	/	/	<=30	Pass
		Inner_Full	19.73	/	/	17.23	/	/	<=30	Pass
		Inner_1RB_Left	19.61	/	/	17.11	/	/	<=30	Pass
		Inner_1RB_Right	19.55	/	/	17.05	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.45	/	/	16.95	/	/	<=30	Pass
		Edge_1RB_Right	19.52	/	/	17.02	/	/	<=30	Pass
		Outer_Full	19.77	/	/	17.27	/	/	<=30	Pass
		Inner_Full	19.74	/	/	17.24	/	/	<=30	Pass
		Inner_1RB_Left	19.53	/	/	17.03	/	/	<=30	Pass
		Inner_1RB_Right	19.58	/	/	17.08	/	/	<=30	Pass
	3792.48	Edge_1RB_Left	19.39	/	/	16.89	/	/	<=30	Pass
		Edge_1RB_Right	19.44	/	/	16.94	/	/	<=30	Pass
		Outer_Full	19.71	/	/	17.21	/	/	<=30	Pass
		Inner_Full	19.63	/	/	17.13	/	/	<=30	Pass
		Inner_1RB_Left	19.35	/	/	16.85	/	/	<=30	Pass
		Inner_1RB_Right	19.45	/	/	16.95	/	/	<=30	Pass
Note1: Antenna Gain: Ant8: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30_S_20M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant8	Ant2	Sum	Ant8	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3710.01	Edge_1RB_Left	22.53	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	20.03	/	/	<=30	Pass
		Outer_Full	25.60	/	/	23.10	/	/	<=30	Pass
		Inner_Full	26.13	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Left	25.98	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Right	25.98	/	/	23.48	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.38	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	19.89	/	/	<=30	Pass
		Outer_Full	25.49	/	/	22.99	/	/	<=30	Pass
		Inner_Full	25.98	/	/	23.49	/	/	<=30	Pass
		Inner_1RB_Left	25.82	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Right	25.86	/	/	23.36	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	22.28	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	19.89	/	/	<=30	Pass
		Outer_Full	25.44	/	/	22.94	/	/	<=30	Pass
		Inner_Full	25.98	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Left	25.79	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Right	25.86	/	/	23.36	/	/	<=30	Pass
DFT-s-OFDM QPSK	3710.01	Edge_1RB_Left	22.67	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	20.10	/	/	<=30	Pass
		Outer_Full	25.16	/	/	22.66	/	/	<=30	Pass
		Inner_Full	26.16	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Left	26.14	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Right	26.19	/	/	23.69	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.47	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	20.02	/	/	<=30	Pass
		Outer_Full	25.03	/	/	22.53	/	/	<=30	Pass
		Inner_Full	26.08	/	/	23.58	/	/	<=30	Pass
		Inner_1RB_Left	25.88	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Right	26.10	/	/	23.60	/	/	<=30	Pass

	3789.99	Edge_1RB_Left	22.39	/	/	19.89	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	20.06	/	/	<=30	Pass
		Outer_Full	24.99	/	/	22.49	/	/	<=30	Pass
		Inner_Full	26.08	/	/	23.58	/	/	<=30	Pass
		Inner_1RB_Left	25.89	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Right	25.89	/	/	23.39	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Edge_1RB_Left	22.47	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	22.50	/	/	20.00	/	/	<=30	Pass
		Outer_Full	24.19	/	/	21.69	/	/	<=30	Pass
		Inner_Full	25.17	/	/	22.67	/	/	<=30	Pass
		Inner_1RB_Left	25.10	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Right	24.95	/	/	22.45	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.46	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	19.85	/	/	<=30	Pass
		Outer_Full	24.09	/	/	21.59	/	/	<=30	Pass
		Inner_Full	25.03	/	/	22.53	/	/	<=30	Pass
		Inner_1RB_Left	24.85	/	/	22.35	/	/	<=30	Pass
		Inner_1RB_Right	24.85	/	/	22.35	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	22.30	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	19.92	/	/	<=30	Pass
		Outer_Full	24.09	/	/	21.59	/	/	<=30	Pass
		Inner_Full	25.04	/	/	22.54	/	/	<=30	Pass
		Inner_1RB_Left	24.71	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Right	24.88	/	/	22.38	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3710.01	Edge_1RB_Left	22.57	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	20.07	/	/	<=30	Pass
		Outer_Full	23.65	/	/	21.15	/	/	<=30	Pass
		Inner_Full	23.79	/	/	21.29	/	/	<=30	Pass
		Inner_1RB_Left	23.55	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Right	23.53	/	/	21.03	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.43	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	19.95	/	/	<=30	Pass
		Outer_Full	23.51	/	/	21.01	/	/	<=30	Pass
		Inner_Full	23.65	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Left	23.39	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Right	23.46	/	/	20.96	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	22.21	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	19.84	/	/	<=30	Pass
		Outer_Full	23.50	/	/	21.00	/	/	<=30	Pass
		Inner_Full	23.64	/	/	21.14	/	/	<=30	Pass
		Inner_1RB_Left	23.32	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Right	23.44	/	/	20.94	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3710.01	Edge_1RB_Left	21.59	/	/	19.09	/	/	<=30	Pass
		Edge_1RB_Right	21.56	/	/	19.06	/	/	<=30	Pass
		Outer_Full	21.70	/	/	19.20	/	/	<=30	Pass
		Inner_Full	21.66	/	/	19.16	/	/	<=30	Pass
		Inner_1RB_Left	21.57	/	/	19.07	/	/	<=30	Pass
		Inner_1RB_Right	21.54	/	/	19.04	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.34	/	/	18.84	/	/	<=30	Pass
		Edge_1RB_Right	21.47	/	/	18.97	/	/	<=30	Pass
		Outer_Full	21.63	/	/	19.13	/	/	<=30	Pass
		Inner_Full	21.54	/	/	19.04	/	/	<=30	Pass
		Inner_1RB_Left	21.41	/	/	18.92	/	/	<=30	Pass
		Inner_1RB_Right	21.38	/	/	18.88	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	21.24	/	/	18.74	/	/	<=30	Pass
		Edge_1RB_Right	21.44	/	/	18.94	/	/	<=30	Pass
		Outer_Full	21.57	/	/	19.07	/	/	<=30	Pass
		Inner_Full	21.55	/	/	19.06	/	/	<=30	Pass
		Inner_1RB_Left	21.33	/	/	18.83	/	/	<=30	Pass
		Inner_1RB_Right	21.39	/	/	18.89	/	/	<=30	Pass
CP-OFDM QPSK	3710.01	Edge_1RB_Left	22.66	/	/	20.16	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	20.17	/	/	<=30	Pass
		Outer_Full	23.18	/	/	20.68	/	/	<=30	Pass
		Inner_Full	24.65	/	/	22.15	/	/	<=30	Pass

		Inner_1RB_Left	24.49	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Right	24.55	/	/	22.05	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.52	/	/	20.02	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	20.07	/	/	<=30	Pass
		Outer_Full	23.07	/	/	20.57	/	/	<=30	Pass
		Inner_Full	24.50	/	/	22.00	/	/	<=30	Pass
		Inner_1RB_Left	24.32	/	/	21.83	/	/	<=30	Pass
		Inner_1RB_Right	24.62	/	/	22.13	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	22.42	/	/	19.92	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	20.05	/	/	<=30	Pass
		Outer_Full	23.01	/	/	20.51	/	/	<=30	Pass
		Inner_Full	24.54	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Left	24.27	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Right	24.41	/	/	21.91	/	/	<=30	Pass
CP-OFDM 16 QAM	3710.01	Edge_1RB_Left	22.36	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	19.88	/	/	<=30	Pass
		Outer_Full	23.14	/	/	20.64	/	/	<=30	Pass
		Inner_Full	24.20	/	/	21.70	/	/	<=30	Pass
		Inner_1RB_Left	23.87	/	/	21.37	/	/	<=30	Pass
		Inner_1RB_Right	23.86	/	/	21.37	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.25	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	19.78	/	/	<=30	Pass
		Outer_Full	23.01	/	/	20.51	/	/	<=30	Pass
		Inner_Full	24.18	/	/	21.68	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	21.27	/	/	<=30	Pass
		Inner_1RB_Right	23.84	/	/	21.34	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	22.12	/	/	19.62	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	19.74	/	/	<=30	Pass
		Outer_Full	23.00	/	/	20.50	/	/	<=30	Pass
		Inner_Full	24.06	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Left	23.70	/	/	21.20	/	/	<=30	Pass
		Inner_1RB_Right	23.73	/	/	21.23	/	/	<=30	Pass
CP-OFDM 64 QAM	3710.01	Edge_1RB_Left	22.55	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	20.07	/	/	<=30	Pass
		Outer_Full	22.68	/	/	20.18	/	/	<=30	Pass
		Inner_Full	22.70	/	/	20.20	/	/	<=30	Pass
		Inner_1RB_Left	22.62	/	/	20.12	/	/	<=30	Pass
		Inner_1RB_Right	22.63	/	/	20.13	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.41	/	/	19.91	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	19.98	/	/	<=30	Pass
		Outer_Full	22.58	/	/	20.08	/	/	<=30	Pass
		Inner_Full	22.61	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Left	22.42	/	/	19.92	/	/	<=30	Pass
		Inner_1RB_Right	22.39	/	/	19.89	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	22.35	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	19.88	/	/	<=30	Pass
		Outer_Full	22.55	/	/	20.05	/	/	<=30	Pass
		Inner_Full	22.46	/	/	19.97	/	/	<=30	Pass
		Inner_1RB_Left	22.16	/	/	19.66	/	/	<=30	Pass
		Inner_1RB_Right	22.51	/	/	20.01	/	/	<=30	Pass
CP-OFDM 256 QAM	3710.01	Edge_1RB_Left	19.45	/	/	16.95	/	/	<=30	Pass
		Edge_1RB_Right	19.55	/	/	17.05	/	/	<=30	Pass
		Outer_Full	19.90	/	/	17.40	/	/	<=30	Pass
		Inner_Full	19.83	/	/	17.33	/	/	<=30	Pass
		Inner_1RB_Left	19.44	/	/	16.94	/	/	<=30	Pass
		Inner_1RB_Right	19.62	/	/	17.12	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.51	/	/	17.01	/	/	<=30	Pass
		Edge_1RB_Right	19.43	/	/	16.93	/	/	<=30	Pass
		Outer_Full	19.82	/	/	17.32	/	/	<=30	Pass
		Inner_Full	19.68	/	/	17.18	/	/	<=30	Pass
		Inner_1RB_Left	19.52	/	/	17.02	/	/	<=30	Pass
		Inner_1RB_Right	19.50	/	/	17.00	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	19.26	/	/	16.76	/	/	<=30	Pass
		Edge_1RB_Right	19.48	/	/	16.98	/	/	<=30	Pass

		Outer_Full	19.72	/	/	17.22	/	/	<=30	Pass
		Inner_Full	19.69	/	/	17.19	/	/	<=30	Pass
		Inner_1RB_Left	19.30	/	/	16.80	/	/	<=30	Pass
		Inner_1RB_Right	19.52	/	/	17.02	/	/	<=30	Pass
Note1: Antenna Gain: Ant8: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30_S_25M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 25MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant8	Ant2	Sum	Ant8	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3712.5	Edge_1RB_Left	22.63	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	20.18	/	/	<=30	Pass
		Outer_Full	25.78	/	/	23.28	/	/	<=30	Pass
		Inner_Full	26.20	/	/	23.70	/	/	<=30	Pass
		Inner_1RB_Left	26.10	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Right	26.19	/	/	23.69	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.54	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	20.11	/	/	<=30	Pass
		Outer_Full	25.67	/	/	23.17	/	/	<=30	Pass
		Inner_Full	26.11	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Left	26.01	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Right	26.12	/	/	23.62	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	22.51	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	20.15	/	/	<=30	Pass
		Outer_Full	25.70	/	/	23.21	/	/	<=30	Pass
		Inner_Full	26.10	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Left	25.99	/	/	23.49	/	/	<=30	Pass
		Inner_1RB_Right	26.14	/	/	23.64	/	/	<=30	Pass
DFT-s-OFDM QPSK	3712.5	Edge_1RB_Left	22.80	/	/	20.30	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	20.33	/	/	<=30	Pass
		Outer_Full	25.26	/	/	22.76	/	/	<=30	Pass
		Inner_Full	26.23	/	/	23.73	/	/	<=30	Pass
		Inner_1RB_Left	26.32	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Right	26.29	/	/	23.79	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.66	/	/	20.16	/	/	<=30	Pass
		Edge_1RB_Right	22.78	/	/	20.28	/	/	<=30	Pass
		Outer_Full	25.19	/	/	22.69	/	/	<=30	Pass
		Inner_Full	26.13	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Left	26.17	/	/	23.67	/	/	<=30	Pass
		Inner_1RB_Right	26.32	/	/	23.82	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	22.50	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	22.89	/	/	20.39	/	/	<=30	Pass
		Outer_Full	25.22	/	/	22.72	/	/	<=30	Pass
		Inner_Full	26.10	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Left	26.23	/	/	23.73	/	/	<=30	Pass
		Inner_1RB_Right	26.20	/	/	23.70	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3712.5	Edge_1RB_Left	22.54	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	20.05	/	/	<=30	Pass
		Outer_Full	24.28	/	/	21.78	/	/	<=30	Pass
		Inner_Full	25.22	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Left	25.26	/	/	22.76	/	/	<=30	Pass
		Inner_1RB_Right	25.14	/	/	22.64	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.47	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	20.07	/	/	<=30	Pass
		Outer_Full	24.22	/	/	21.72	/	/	<=30	Pass
		Inner_Full	25.14	/	/	22.64	/	/	<=30	Pass
		Inner_1RB_Left	24.97	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Right	25.25	/	/	22.75	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	22.46	/	/	19.96	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	20.12	/	/	<=30	Pass

		Outer_Full	24.26	/	/	21.76	/	/	<=30	Pass
		Inner_Full	25.10	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Left	24.96	/	/	22.46	/	/	<=30	Pass
		Inner_1RB_Right	25.12	/	/	22.62	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3712.5	Edge_1RB_Left	22.68	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	20.18	/	/	<=30	Pass
		Outer_Full	23.82	/	/	21.32	/	/	<=30	Pass
		Inner_Full	23.85	/	/	21.35	/	/	<=30	Pass
		Inner_1RB_Left	23.69	/	/	21.19	/	/	<=30	Pass
		Inner_1RB_Right	23.68	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Left	22.50	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	22.72	/	/	20.22	/	/	<=30	Pass
	3750	Outer_Full	23.81	/	/	21.31	/	/	<=30	Pass
		Inner_Full	23.71	/	/	21.21	/	/	<=30	Pass
		Inner_1RB_Left	23.61	/	/	21.11	/	/	<=30	Pass
		Inner_1RB_Right	23.66	/	/	21.16	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	22.43	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	20.23	/	/	<=30	Pass
		Outer_Full	23.81	/	/	21.31	/	/	<=30	Pass
		Inner_Full	23.73	/	/	21.23	/	/	<=30	Pass
		Inner_1RB_Left	23.55	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Right	23.72	/	/	21.22	/	/	<=30	Pass
		Edge_1RB_Left	21.62	/	/	19.12	/	/	<=30	Pass
		Edge_1RB_Right	21.68	/	/	19.18	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3712.5	Outer_Full	21.81	/	/	19.31	/	/	<=30	Pass
		Inner_Full	21.77	/	/	19.27	/	/	<=30	Pass
		Inner_1RB_Left	21.68	/	/	19.18	/	/	<=30	Pass
		Inner_1RB_Right	21.66	/	/	19.16	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.62	/	/	19.12	/	/	<=30	Pass
		Edge_1RB_Right	21.64	/	/	19.15	/	/	<=30	Pass
		Outer_Full	21.74	/	/	19.24	/	/	<=30	Pass
		Inner_Full	21.72	/	/	19.22	/	/	<=30	Pass
		Inner_1RB_Left	21.59	/	/	19.09	/	/	<=30	Pass
		Inner_1RB_Right	21.65	/	/	19.15	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	21.58	/	/	19.08	/	/	<=30	Pass
		Edge_1RB_Right	21.69	/	/	19.19	/	/	<=30	Pass
		Outer_Full	21.79	/	/	19.29	/	/	<=30	Pass
		Inner_Full	21.74	/	/	19.24	/	/	<=30	Pass
		Inner_1RB_Left	21.57	/	/	19.07	/	/	<=30	Pass
		Inner_1RB_Right	21.65	/	/	19.15	/	/	<=30	Pass
CP-OFDM QPSK	3712.5	Edge_1RB_Left	22.68	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	20.29	/	/	<=30	Pass
		Outer_Full	23.22	/	/	20.72	/	/	<=30	Pass
		Inner_Full	24.73	/	/	22.23	/	/	<=30	Pass
		Inner_1RB_Left	24.66	/	/	22.16	/	/	<=30	Pass
		Inner_1RB_Right	24.56	/	/	22.06	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.66	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	20.26	/	/	<=30	Pass
		Outer_Full	23.15	/	/	20.65	/	/	<=30	Pass
		Inner_Full	24.70	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Left	24.56	/	/	22.06	/	/	<=30	Pass
		Inner_1RB_Right	24.70	/	/	22.20	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	22.64	/	/	20.14	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	20.31	/	/	<=30	Pass
		Outer_Full	23.18	/	/	20.68	/	/	<=30	Pass
		Inner_Full	24.71	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Left	24.47	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Right	24.59	/	/	22.09	/	/	<=30	Pass
CP-OFDM 16 QAM	3712.5	Edge_1RB_Left	22.47	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	19.98	/	/	<=30	Pass
		Outer_Full	23.28	/	/	20.78	/	/	<=30	Pass
		Inner_Full	24.18	/	/	21.68	/	/	<=30	Pass
		Inner_1RB_Left	23.88	/	/	21.38	/	/	<=30	Pass
		Inner_1RB_Right	24.06	/	/	21.56	/	/	<=30	Pass

	3750	Edge_1RB_Left	22.38	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	19.97	/	/	<=30	Pass
		Outer_Full	23.17	/	/	20.67	/	/	<=30	Pass
		Inner_Full	24.12	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Left	23.93	/	/	21.43	/	/	<=30	Pass
		Inner_1RB_Right	23.99	/	/	21.49	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	22.38	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	20.01	/	/	<=30	Pass
		Outer_Full	23.23	/	/	20.73	/	/	<=30	Pass
		Inner_Full	24.12	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Left	23.84	/	/	21.34	/	/	<=30	Pass
		Inner_1RB_Right	24.01	/	/	21.51	/	/	<=30	Pass
CP-OFDM 64 QAM	3712.5	Edge_1RB_Left	22.67	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	20.05	/	/	<=30	Pass
		Outer_Full	22.68	/	/	20.18	/	/	<=30	Pass
		Inner_Full	22.78	/	/	20.28	/	/	<=30	Pass
		Inner_1RB_Left	22.68	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Right	22.64	/	/	20.14	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.63	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	20.23	/	/	<=30	Pass
		Outer_Full	22.64	/	/	20.14	/	/	<=30	Pass
		Inner_Full	22.73	/	/	20.23	/	/	<=30	Pass
		Inner_1RB_Left	22.61	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Right	22.68	/	/	20.18	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	22.60	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	20.14	/	/	<=30	Pass
		Outer_Full	22.77	/	/	20.27	/	/	<=30	Pass
		Inner_Full	22.70	/	/	20.20	/	/	<=30	Pass
		Inner_1RB_Left	22.62	/	/	20.12	/	/	<=30	Pass
		Inner_1RB_Right	22.61	/	/	20.11	/	/	<=30	Pass
CP-OFDM 256 QAM	3712.5	Edge_1RB_Left	19.64	/	/	17.15	/	/	<=30	Pass
		Edge_1RB_Right	19.70	/	/	17.20	/	/	<=30	Pass
		Outer_Full	19.89	/	/	17.39	/	/	<=30	Pass
		Inner_Full	19.88	/	/	17.38	/	/	<=30	Pass
		Inner_1RB_Left	19.70	/	/	17.20	/	/	<=30	Pass
		Inner_1RB_Right	19.71	/	/	17.21	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.54	/	/	17.04	/	/	<=30	Pass
		Edge_1RB_Right	19.64	/	/	17.14	/	/	<=30	Pass
		Outer_Full	19.84	/	/	17.34	/	/	<=30	Pass
		Inner_Full	19.81	/	/	17.31	/	/	<=30	Pass
		Inner_1RB_Left	19.62	/	/	17.13	/	/	<=30	Pass
		Inner_1RB_Right	19.57	/	/	17.07	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	19.48	/	/	16.98	/	/	<=30	Pass
		Edge_1RB_Right	19.70	/	/	17.20	/	/	<=30	Pass
		Outer_Full	19.77	/	/	17.27	/	/	<=30	Pass
Inner_Full		19.75	/	/	17.25	/	/	<=30	Pass	
Inner_1RB_Left		19.52	/	/	17.02	/	/	<=30	Pass	
Inner_1RB_Right	19.56	/	/	17.06	/	/	<=30	Pass		
Note1: Antenna Gain: Ant8: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30_S_30M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant8	Ant2	Sum	Ant8	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3715.02	Edge_1RB_Left	22.61	/	/	20.11	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	20.15	/	/	<=30	Pass
		Outer_Full	25.72	/	/	23.22	/	/	<=30	Pass
		Inner_Full	26.28	/	/	23.78	/	/	<=30	Pass
		Inner_1RB_Left	26.10	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Right	26.10	/	/	23.60	/	/	<=30	Pass

	3750	Edge_1RB_Left	22.55	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	20.08	/	/	<=30	Pass
		Outer_Full	25.66	/	/	23.17	/	/	<=30	Pass
		Inner_Full	26.24	/	/	23.74	/	/	<=30	Pass
		Inner_1RB_Left	26.00	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Right	26.08	/	/	23.58	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	22.50	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	20.17	/	/	<=30	Pass
		Outer_Full	25.66	/	/	23.16	/	/	<=30	Pass
		Inner_Full	26.14	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Left	25.96	/	/	23.46	/	/	<=30	Pass
		Inner_1RB_Right	26.13	/	/	23.63	/	/	<=30	Pass
DFT-s-OFDM QPSK	3715.02	Edge_1RB_Left	22.80	/	/	20.30	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	20.33	/	/	<=30	Pass
		Outer_Full	25.32	/	/	22.82	/	/	<=30	Pass
		Inner_Full	26.26	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Left	26.40	/	/	23.90	/	/	<=30	Pass
		Inner_1RB_Right	26.50	/	/	24.00	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.74	/	/	20.24	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	20.20	/	/	<=30	Pass
		Outer_Full	25.25	/	/	22.76	/	/	<=30	Pass
		Inner_Full	26.16	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Left	26.43	/	/	23.93	/	/	<=30	Pass
		Inner_1RB_Right	26.45	/	/	23.95	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	22.59	/	/	20.09	/	/	<=30	Pass
		Edge_1RB_Right	22.85	/	/	20.35	/	/	<=30	Pass
		Outer_Full	25.23	/	/	22.73	/	/	<=30	Pass
		Inner_Full	26.20	/	/	23.70	/	/	<=30	Pass
		Inner_1RB_Left	26.29	/	/	23.79	/	/	<=30	Pass
		Inner_1RB_Right	26.51	/	/	24.01	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.02	Edge_1RB_Left	22.59	/	/	20.09	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	20.05	/	/	<=30	Pass
		Outer_Full	24.31	/	/	21.81	/	/	<=30	Pass
		Inner_Full	25.28	/	/	22.78	/	/	<=30	Pass
		Inner_1RB_Left	25.06	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Right	25.12	/	/	22.62	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.40	/	/	19.90	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	20.02	/	/	<=30	Pass
		Outer_Full	24.27	/	/	21.77	/	/	<=30	Pass
		Inner_Full	25.22	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Left	24.98	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Right	25.21	/	/	22.71	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	22.51	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	20.03	/	/	<=30	Pass
		Outer_Full	24.25	/	/	21.75	/	/	<=30	Pass
		Inner_Full	25.20	/	/	22.70	/	/	<=30	Pass
		Inner_1RB_Left	25.11	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Right	25.10	/	/	22.60	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3715.02	Edge_1RB_Left	22.64	/	/	20.14	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	20.16	/	/	<=30	Pass
		Outer_Full	23.83	/	/	21.33	/	/	<=30	Pass
		Inner_Full	23.91	/	/	21.42	/	/	<=30	Pass
		Inner_1RB_Left	23.64	/	/	21.14	/	/	<=30	Pass
		Inner_1RB_Right	23.70	/	/	21.20	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.60	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	20.16	/	/	<=30	Pass
		Outer_Full	23.75	/	/	21.25	/	/	<=30	Pass
		Inner_Full	23.84	/	/	21.34	/	/	<=30	Pass
		Inner_1RB_Left	23.58	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Right	23.66	/	/	21.16	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	22.43	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	20.20	/	/	<=30	Pass
		Outer_Full	23.78	/	/	21.28	/	/	<=30	Pass
		Inner_Full	23.78	/	/	21.28	/	/	<=30	Pass

		Inner_1RB_Left	23.57	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Right	23.73	/	/	21.23	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3715.02	Edge_1RB_Left	21.65	/	/	19.15	/	/	<=30	Pass
		Edge_1RB_Right	21.65	/	/	19.15	/	/	<=30	Pass
		Outer_Full	21.83	/	/	19.33	/	/	<=30	Pass
		Inner_Full	21.87	/	/	19.37	/	/	<=30	Pass
		Inner_1RB_Left	21.64	/	/	19.14	/	/	<=30	Pass
		Inner_1RB_Right	21.65	/	/	19.15	/	/	<=30	Pass
		Edge_1RB_Left	21.59	/	/	19.09	/	/	<=30	Pass
	3750	Edge_1RB_Right	21.63	/	/	19.13	/	/	<=30	Pass
		Outer_Full	21.79	/	/	19.29	/	/	<=30	Pass
		Inner_Full	21.81	/	/	19.31	/	/	<=30	Pass
		Inner_1RB_Left	21.56	/	/	19.06	/	/	<=30	Pass
		Inner_1RB_Right	21.60	/	/	19.10	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	21.47	/	/	18.97	/	/	<=30	Pass
		Edge_1RB_Right	21.63	/	/	19.13	/	/	<=30	Pass
		Outer_Full	21.76	/	/	19.26	/	/	<=30	Pass
		Inner_Full	21.78	/	/	19.28	/	/	<=30	Pass
		Inner_1RB_Left	21.54	/	/	19.04	/	/	<=30	Pass
		Inner_1RB_Right	21.73	/	/	19.23	/	/	<=30	Pass
		Edge_1RB_Left	22.66	/	/	20.16	/	/	<=30	Pass
CP-OFDM QPSK	3715.02	Edge_1RB_Right	22.77	/	/	20.27	/	/	<=30	Pass
		Outer_Full	23.29	/	/	20.79	/	/	<=30	Pass
		Inner_Full	24.83	/	/	22.33	/	/	<=30	Pass
		Inner_1RB_Left	24.52	/	/	22.02	/	/	<=30	Pass
		Inner_1RB_Right	24.68	/	/	22.19	/	/	<=30	Pass
		Edge_1RB_Left	22.62	/	/	20.12	/	/	<=30	Pass
	3750	Edge_1RB_Right	22.67	/	/	20.17	/	/	<=30	Pass
		Outer_Full	23.24	/	/	20.74	/	/	<=30	Pass
		Inner_Full	24.71	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Left	24.46	/	/	21.96	/	/	<=30	Pass
		Inner_1RB_Right	24.80	/	/	22.30	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	22.54	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	20.31	/	/	<=30	Pass
		Outer_Full	23.27	/	/	20.77	/	/	<=30	Pass
		Inner_Full	24.76	/	/	22.26	/	/	<=30	Pass
		Inner_1RB_Left	24.42	/	/	21.92	/	/	<=30	Pass
		Inner_1RB_Right	24.64	/	/	22.14	/	/	<=30	Pass
		Edge_1RB_Left	22.37	/	/	19.87	/	/	<=30	Pass
CP-OFDM 16 QAM	3715.02	Edge_1RB_Right	22.45	/	/	19.95	/	/	<=30	Pass
		Outer_Full	23.32	/	/	20.82	/	/	<=30	Pass
		Inner_Full	24.27	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Left	23.93	/	/	21.43	/	/	<=30	Pass
		Inner_1RB_Right	23.97	/	/	21.47	/	/	<=30	Pass
		Edge_1RB_Left	22.33	/	/	19.83	/	/	<=30	Pass
	3750	Edge_1RB_Right	22.46	/	/	19.96	/	/	<=30	Pass
		Outer_Full	23.26	/	/	20.76	/	/	<=30	Pass
		Inner_Full	24.21	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Left	23.92	/	/	21.42	/	/	<=30	Pass
		Inner_1RB_Right	23.88	/	/	21.38	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	22.31	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	20.02	/	/	<=30	Pass
		Outer_Full	23.25	/	/	20.75	/	/	<=30	Pass
		Inner_Full	24.21	/	/	21.71	/	/	<=30	Pass
		Inner_1RB_Left	23.87	/	/	21.37	/	/	<=30	Pass
		Inner_1RB_Right	24.04	/	/	21.54	/	/	<=30	Pass
		Edge_1RB_Left	22.66	/	/	20.16	/	/	<=30	Pass
CP-OFDM 64 QAM	3715.02	Edge_1RB_Right	22.74	/	/	20.24	/	/	<=30	Pass
		Outer_Full	22.85	/	/	20.35	/	/	<=30	Pass
		Inner_Full	22.84	/	/	20.34	/	/	<=30	Pass
		Inner_1RB_Left	22.68	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Right	22.74	/	/	20.24	/	/	<=30	Pass
		Edge_1RB_Left	22.59	/	/	20.09	/	/	<=30	Pass
	3750	Edge_1RB_Right	22.59	/	/	20.09	/	/	<=30	Pass

		Outer_Full	22.80	/	/	20.31	/	/	<=30	Pass	
		Inner_Full	22.80	/	/	20.30	/	/	<=30	Pass	
		Inner_1RB_Left	22.63	/	/	20.13	/	/	<=30	Pass	
		Inner_1RB_Right	22.78	/	/	20.28	/	/	<=30	Pass	
	3784.98	Edge_1RB_Left	22.55	/	/	20.05	/	/	<=30	Pass	
		Edge_1RB_Right	22.77	/	/	20.27	/	/	<=30	Pass	
		Outer_Full	22.78	/	/	20.28	/	/	<=30	Pass	
		Inner_Full	22.77	/	/	20.27	/	/	<=30	Pass	
		Inner_1RB_Left	22.59	/	/	20.09	/	/	<=30	Pass	
		Inner_1RB_Right	22.79	/	/	20.29	/	/	<=30	Pass	
CP-OFDM 256 QAM	3715.02	Edge_1RB_Left	19.56	/	/	17.06	/	/	<=30	Pass	
		Edge_1RB_Right	19.61	/	/	17.11	/	/	<=30	Pass	
		Outer_Full	19.91	/	/	17.41	/	/	<=30	Pass	
		Inner_Full	19.93	/	/	17.43	/	/	<=30	Pass	
		Inner_1RB_Left	19.58	/	/	17.08	/	/	<=30	Pass	
		Inner_1RB_Right	19.59	/	/	17.09	/	/	<=30	Pass	
	3750	Edge_1RB_Left	19.51	/	/	17.01	/	/	<=30	Pass	
		Edge_1RB_Right	19.59	/	/	17.10	/	/	<=30	Pass	
		Outer_Full	19.87	/	/	17.37	/	/	<=30	Pass	
		Inner_Full	19.84	/	/	17.34	/	/	<=30	Pass	
		Inner_1RB_Left	19.56	/	/	17.06	/	/	<=30	Pass	
		Inner_1RB_Right	19.63	/	/	17.13	/	/	<=30	Pass	
	3784.98	Edge_1RB_Left	19.46	/	/	16.96	/	/	<=30	Pass	
		Edge_1RB_Right	19.64	/	/	17.14	/	/	<=30	Pass	
		Outer_Full	19.81	/	/	17.31	/	/	<=30	Pass	
		Inner_Full	19.82	/	/	17.32	/	/	<=30	Pass	
		Inner_1RB_Left	19.49	/	/	16.99	/	/	<=30	Pass	
		Inner_1RB_Right	19.56	/	/	17.06	/	/	<=30	Pass	
	Note1: Antenna Gain: Ant8: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30_S_40M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 40MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant8	Ant2	Sum	Ant8	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3720	Edge_1RB_Left	22.63	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	20.16	/	/	<=30	Pass
		Outer_Full	25.69	/	/	23.19	/	/	<=30	Pass
		Inner_Full	26.22	/	/	23.72	/	/	<=30	Pass
		Inner_1RB_Left	26.14	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Right	26.15	/	/	23.65	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.53	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	20.13	/	/	<=30	Pass
		Outer_Full	25.63	/	/	23.13	/	/	<=30	Pass
		Inner_Full	26.16	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Left	26.02	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Right	26.14	/	/	23.64	/	/	<=30	Pass
	3780	Edge_1RB_Left	22.55	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	20.23	/	/	<=30	Pass
		Outer_Full	25.65	/	/	23.15	/	/	<=30	Pass
		Inner_Full	26.15	/	/	23.65	/	/	<=30	Pass
		Inner_1RB_Left	26.02	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Right	26.19	/	/	23.69	/	/	<=30	Pass
DFT-s-OFDM QPSK	3720	Edge_1RB_Left	22.74	/	/	20.24	/	/	<=30	Pass
		Edge_1RB_Right	22.84	/	/	20.34	/	/	<=30	Pass
		Outer_Full	25.25	/	/	22.75	/	/	<=30	Pass
		Inner_Full	26.28	/	/	23.78	/	/	<=30	Pass
		Inner_1RB_Left	26.42	/	/	23.92	/	/	<=30	Pass
		Inner_1RB_Right	26.25	/	/	23.75	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.63	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	22.80	/	/	20.30	/	/	<=30	Pass

		Outer_Full	25.14	/	/	22.64	/	/	<=30	Pass
		Inner_Full	26.25	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Left	26.29	/	/	23.79	/	/	<=30	Pass
		Inner_1RB_Right	26.39	/	/	23.90	/	/	<=30	Pass
	3780	Edge_1RB_Left	22.53	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	20.19	/	/	<=30	Pass
		Outer_Full	25.22	/	/	22.72	/	/	<=30	Pass
		Inner_Full	26.14	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Left	26.25	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Right	26.45	/	/	23.95	/	/	<=30	Pass
		Edge_1RB_Left	22.54	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	20.14	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Outer_Full	24.27	/	/	21.77	/	/	<=30	Pass
		Inner_Full	25.24	/	/	22.74	/	/	<=30	Pass
		Inner_1RB_Left	25.07	/	/	22.57	/	/	<=30	Pass
		Inner_1RB_Right	25.10	/	/	22.60	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.46	/	/	19.96	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	20.05	/	/	<=30	Pass
		Outer_Full	24.25	/	/	21.75	/	/	<=30	Pass
		Inner_Full	25.21	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Left	25.02	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Right	25.06	/	/	22.56	/	/	<=30	Pass
	3780	Edge_1RB_Left	22.48	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	20.15	/	/	<=30	Pass
		Outer_Full	24.29	/	/	21.79	/	/	<=30	Pass
		Inner_Full	25.22	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Left	25.11	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Right	25.20	/	/	22.70	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Edge_1RB_Left	22.69	/	/	20.19	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	20.25	/	/	<=30	Pass
		Outer_Full	23.81	/	/	21.31	/	/	<=30	Pass
		Inner_Full	23.81	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Left	23.68	/	/	21.18	/	/	<=30	Pass
		Inner_1RB_Right	23.69	/	/	21.19	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.50	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	20.07	/	/	<=30	Pass
		Outer_Full	23.74	/	/	21.24	/	/	<=30	Pass
		Inner_Full	23.69	/	/	21.19	/	/	<=30	Pass
		Inner_1RB_Left	23.57	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Right	23.70	/	/	21.20	/	/	<=30	Pass
	3780	Edge_1RB_Left	22.48	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	20.26	/	/	<=30	Pass
		Outer_Full	23.79	/	/	21.29	/	/	<=30	Pass
		Inner_Full	23.73	/	/	21.23	/	/	<=30	Pass
		Inner_1RB_Left	23.62	/	/	21.12	/	/	<=30	Pass
		Inner_1RB_Right	23.71	/	/	21.21	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3720	Edge_1RB_Left	21.67	/	/	19.17	/	/	<=30	Pass
		Edge_1RB_Right	21.72	/	/	19.22	/	/	<=30	Pass
		Outer_Full	21.79	/	/	19.29	/	/	<=30	Pass
		Inner_Full	21.87	/	/	19.37	/	/	<=30	Pass
		Inner_1RB_Left	21.68	/	/	19.18	/	/	<=30	Pass
		Inner_1RB_Right	21.71	/	/	19.21	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.55	/	/	19.05	/	/	<=30	Pass
		Edge_1RB_Right	21.71	/	/	19.21	/	/	<=30	Pass
		Outer_Full	21.81	/	/	19.31	/	/	<=30	Pass
		Inner_Full	21.82	/	/	19.32	/	/	<=30	Pass
		Inner_1RB_Left	21.47	/	/	18.97	/	/	<=30	Pass
		Inner_1RB_Right	21.60	/	/	19.10	/	/	<=30	Pass
	3780	Edge_1RB_Left	21.62	/	/	19.12	/	/	<=30	Pass
		Edge_1RB_Right	21.76	/	/	19.26	/	/	<=30	Pass
		Outer_Full	21.81	/	/	19.31	/	/	<=30	Pass
		Inner_Full	21.76	/	/	19.26	/	/	<=30	Pass
		Inner_1RB_Left	21.58	/	/	19.08	/	/	<=30	Pass
		Inner_1RB_Right	21.73	/	/	19.23	/	/	<=30	Pass

CP-OFDM QPSK	3720	Edge_1RB_Left	22.70	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	22.82	/	/	20.32	/	/	<=30	Pass
		Outer_Full	23.31	/	/	20.81	/	/	<=30	Pass
		Inner_Full	24.75	/	/	22.25	/	/	<=30	Pass
		Inner_1RB_Left	24.65	/	/	22.15	/	/	<=30	Pass
		Inner_1RB_Right	24.67	/	/	22.17	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.66	/	/	20.16	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	20.31	/	/	<=30	Pass
		Outer_Full	23.20	/	/	20.70	/	/	<=30	Pass
		Inner_Full	24.67	/	/	22.17	/	/	<=30	Pass
		Inner_1RB_Left	24.59	/	/	22.09	/	/	<=30	Pass
		Inner_1RB_Right	24.70	/	/	22.20	/	/	<=30	Pass
	3780	Edge_1RB_Left	22.67	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	20.37	/	/	<=30	Pass
		Outer_Full	23.25	/	/	20.75	/	/	<=30	Pass
		Inner_Full	24.69	/	/	22.19	/	/	<=30	Pass
		Inner_1RB_Left	24.48	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Right	24.66	/	/	22.16	/	/	<=30	Pass
CP-OFDM 16 QAM	3720	Edge_1RB_Left	22.46	/	/	19.96	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	20.02	/	/	<=30	Pass
		Outer_Full	23.29	/	/	20.79	/	/	<=30	Pass
		Inner_Full	24.28	/	/	21.78	/	/	<=30	Pass
		Inner_1RB_Left	23.89	/	/	21.40	/	/	<=30	Pass
		Inner_1RB_Right	24.00	/	/	21.50	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.36	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	20.01	/	/	<=30	Pass
		Outer_Full	23.22	/	/	20.72	/	/	<=30	Pass
		Inner_Full	24.18	/	/	21.69	/	/	<=30	Pass
		Inner_1RB_Left	23.78	/	/	21.28	/	/	<=30	Pass
		Inner_1RB_Right	23.93	/	/	21.43	/	/	<=30	Pass
	3780	Edge_1RB_Left	22.37	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	20.07	/	/	<=30	Pass
		Outer_Full	23.23	/	/	20.73	/	/	<=30	Pass
		Inner_Full	24.26	/	/	21.76	/	/	<=30	Pass
		Inner_1RB_Left	23.85	/	/	21.35	/	/	<=30	Pass
		Inner_1RB_Right	24.14	/	/	21.64	/	/	<=30	Pass
CP-OFDM 64 QAM	3720	Edge_1RB_Left	22.75	/	/	20.25	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	20.31	/	/	<=30	Pass
		Outer_Full	22.81	/	/	20.31	/	/	<=30	Pass
		Inner_Full	22.82	/	/	20.32	/	/	<=30	Pass
		Inner_1RB_Left	22.63	/	/	20.13	/	/	<=30	Pass
		Inner_1RB_Right	22.66	/	/	20.16	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.60	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	20.13	/	/	<=30	Pass
		Outer_Full	22.72	/	/	20.22	/	/	<=30	Pass
		Inner_Full	22.73	/	/	20.23	/	/	<=30	Pass
		Inner_1RB_Left	22.47	/	/	19.97	/	/	<=30	Pass
		Inner_1RB_Right	22.81	/	/	20.31	/	/	<=30	Pass
	3780	Edge_1RB_Left	22.67	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	20.31	/	/	<=30	Pass
		Outer_Full	22.79	/	/	20.29	/	/	<=30	Pass
		Inner_Full	22.74	/	/	20.24	/	/	<=30	Pass
		Inner_1RB_Left	22.54	/	/	20.04	/	/	<=30	Pass
		Inner_1RB_Right	22.68	/	/	20.18	/	/	<=30	Pass
CP-OFDM 256 QAM	3720	Edge_1RB_Left	19.61	/	/	17.11	/	/	<=30	Pass
		Edge_1RB_Right	19.73	/	/	17.23	/	/	<=30	Pass
		Outer_Full	19.91	/	/	17.41	/	/	<=30	Pass
		Inner_Full	19.83	/	/	17.33	/	/	<=30	Pass
		Inner_1RB_Left	19.61	/	/	17.11	/	/	<=30	Pass
		Inner_1RB_Right	19.63	/	/	17.13	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.54	/	/	17.04	/	/	<=30	Pass
		Edge_1RB_Right	19.63	/	/	17.13	/	/	<=30	Pass
		Outer_Full	19.84	/	/	17.34	/	/	<=30	Pass
		Inner_Full	19.79	/	/	17.29	/	/	<=30	Pass

		Inner_1RB_Left	19.54	/	/	17.04	/	/	<=30	Pass
		Inner_1RB_Right	19.70	/	/	17.20	/	/	<=30	Pass
	3780	Edge_1RB_Left	19.48	/	/	16.98	/	/	<=30	Pass
		Edge_1RB_Right	19.70	/	/	17.20	/	/	<=30	Pass
		Outer_Full	19.84	/	/	17.34	/	/	<=30	Pass
		Inner_Full	19.79	/	/	17.29	/	/	<=30	Pass
		Inner_1RB_Left	19.48	/	/	16.98	/	/	<=30	Pass
		Inner_1RB_Right	19.65	/	/	17.15	/	/	<=30	Pass
Note1: Antenna Gain: Ant8: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 30_S_50M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant8	Ant2	Sum	Ant8	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3725.01	Edge_1RB_Left	22.49	/	/	19.99	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	20.05	/	/	<=30	Pass
		Outer_Full	25.67	/	/	23.17	/	/	<=30	Pass
		Inner_Full	26.26	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Left	25.99	/	/	23.49	/	/	<=30	Pass
		Inner_1RB_Right	25.99	/	/	23.49	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.51	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	20.07	/	/	<=30	Pass
		Outer_Full	25.68	/	/	23.19	/	/	<=30	Pass
		Inner_Full	26.18	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Left	25.92	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Right	26.05	/	/	23.55	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	22.38	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	20.12	/	/	<=30	Pass
		Outer_Full	25.64	/	/	23.14	/	/	<=30	Pass
		Inner_Full	26.19	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Left	25.84	/	/	23.34	/	/	<=30	Pass
		Inner_1RB_Right	26.04	/	/	23.54	/	/	<=30	Pass
DFT-s-OFDM QPSK	3725.01	Edge_1RB_Left	22.58	/	/	20.08	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	20.23	/	/	<=30	Pass
		Outer_Full	25.24	/	/	22.74	/	/	<=30	Pass
		Inner_Full	26.29	/	/	23.79	/	/	<=30	Pass
		Inner_1RB_Left	26.28	/	/	23.78	/	/	<=30	Pass
		Inner_1RB_Right	26.27	/	/	23.77	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.57	/	/	20.08	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	20.19	/	/	<=30	Pass
		Outer_Full	25.28	/	/	22.78	/	/	<=30	Pass
		Inner_Full	26.26	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Left	26.09	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Right	26.21	/	/	23.71	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	22.49	/	/	19.99	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	20.18	/	/	<=30	Pass
		Outer_Full	25.21	/	/	22.71	/	/	<=30	Pass
		Inner_Full	26.20	/	/	23.70	/	/	<=30	Pass
		Inner_1RB_Left	26.07	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Right	26.43	/	/	23.94	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3725.01	Edge_1RB_Left	22.34	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	19.95	/	/	<=30	Pass
		Outer_Full	24.30	/	/	21.80	/	/	<=30	Pass
		Inner_Full	25.23	/	/	22.73	/	/	<=30	Pass
		Inner_1RB_Left	24.92	/	/	22.42	/	/	<=30	Pass
		Inner_1RB_Right	25.14	/	/	22.64	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.42	/	/	19.92	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	20.02	/	/	<=30	Pass
		Outer_Full	24.27	/	/	21.78	/	/	<=30	Pass
		Inner_Full	25.22	/	/	22.72	/	/	<=30	Pass

		Inner_1RB_Left	24.91	/	/	22.41	/	/	<=30	Pass
		Inner_1RB_Right	24.97	/	/	22.47	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	22.26	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	20.08	/	/	<=30	Pass
		Outer_Full	24.25	/	/	21.75	/	/	<=30	Pass
		Inner_Full	25.16	/	/	22.66	/	/	<=30	Pass
		Inner_1RB_Left	24.77	/	/	22.27	/	/	<=30	Pass
		Inner_1RB_Right	25.02	/	/	22.52	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3725.01	Edge_1RB_Left	22.52	/	/	20.02	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	19.96	/	/	<=30	Pass
		Outer_Full	23.84	/	/	21.34	/	/	<=30	Pass
		Inner_Full	23.82	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Left	23.56	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Right	23.58	/	/	21.08	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.35	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Right	22.50	/	/	20.00	/	/	<=30	Pass
		Outer_Full	23.80	/	/	21.30	/	/	<=30	Pass
		Inner_Full	23.77	/	/	21.27	/	/	<=30	Pass
		Inner_1RB_Left	23.48	/	/	20.98	/	/	<=30	Pass
		Inner_1RB_Right	23.62	/	/	21.12	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	22.43	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	20.03	/	/	<=30	Pass
		Outer_Full	23.81	/	/	21.31	/	/	<=30	Pass
		Inner_Full	23.75	/	/	21.25	/	/	<=30	Pass
		Inner_1RB_Left	23.41	/	/	20.92	/	/	<=30	Pass
		Inner_1RB_Right	23.63	/	/	21.13	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3725.01	Edge_1RB_Left	21.50	/	/	19.00	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	19.10	/	/	<=30	Pass
		Outer_Full	21.78	/	/	19.28	/	/	<=30	Pass
		Inner_Full	21.84	/	/	19.34	/	/	<=30	Pass
		Inner_1RB_Left	21.53	/	/	19.03	/	/	<=30	Pass
		Inner_1RB_Right	21.57	/	/	19.07	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.52	/	/	19.02	/	/	<=30	Pass
		Edge_1RB_Right	21.61	/	/	19.11	/	/	<=30	Pass
		Outer_Full	21.85	/	/	19.35	/	/	<=30	Pass
		Inner_Full	21.80	/	/	19.30	/	/	<=30	Pass
		Inner_1RB_Left	21.49	/	/	18.99	/	/	<=30	Pass
		Inner_1RB_Right	21.62	/	/	19.12	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	21.39	/	/	18.89	/	/	<=30	Pass
		Edge_1RB_Right	21.65	/	/	19.15	/	/	<=30	Pass
		Outer_Full	21.73	/	/	19.23	/	/	<=30	Pass
		Inner_Full	21.77	/	/	19.27	/	/	<=30	Pass
		Inner_1RB_Left	21.31	/	/	18.81	/	/	<=30	Pass
		Inner_1RB_Right	21.56	/	/	19.06	/	/	<=30	Pass
CP-OFDM QPSK	3725.01	Edge_1RB_Left	22.58	/	/	20.08	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	20.18	/	/	<=30	Pass
		Outer_Full	23.23	/	/	20.73	/	/	<=30	Pass
		Inner_Full	24.74	/	/	22.24	/	/	<=30	Pass
		Inner_1RB_Left	24.50	/	/	22.00	/	/	<=30	Pass
		Inner_1RB_Right	24.58	/	/	22.08	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.53	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	20.17	/	/	<=30	Pass
		Outer_Full	23.25	/	/	20.76	/	/	<=30	Pass
		Inner_Full	24.71	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Left	24.46	/	/	21.96	/	/	<=30	Pass
		Inner_1RB_Right	24.57	/	/	22.07	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	22.47	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	20.18	/	/	<=30	Pass
		Outer_Full	23.24	/	/	20.74	/	/	<=30	Pass
		Inner_Full	24.70	/	/	22.20	/	/	<=30	Pass
		Inner_1RB_Left	24.41	/	/	21.91	/	/	<=30	Pass
		Inner_1RB_Right	24.49	/	/	21.99	/	/	<=30	Pass
CP-OFDM 16 QAM	3725.01	Edge_1RB_Left	22.29	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	19.88	/	/	<=30	Pass

		Outer_Full	23.26	/	/	20.76	/	/	<=30	Pass	
		Inner_Full	24.25	/	/	21.75	/	/	<=30	Pass	
		Inner_1RB_Left	23.87	/	/	21.37	/	/	<=30	Pass	
		Inner_1RB_Right	23.88	/	/	21.38	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.27	/	/	19.77	/	/	<=30	Pass	
		Edge_1RB_Right	22.43	/	/	19.93	/	/	<=30	Pass	
		Outer_Full	23.27	/	/	20.77	/	/	<=30	Pass	
		Inner_Full	24.23	/	/	21.73	/	/	<=30	Pass	
		Inner_1RB_Left	23.72	/	/	21.22	/	/	<=30	Pass	
		Inner_1RB_Right	23.82	/	/	21.32	/	/	<=30	Pass	
		3774.99	Edge_1RB_Left	22.19	/	/	19.69	/	/	<=30	Pass
			Edge_1RB_Right	22.41	/	/	19.91	/	/	<=30	Pass
	Outer_Full		23.21	/	/	20.72	/	/	<=30	Pass	
	Inner_Full		24.21	/	/	21.71	/	/	<=30	Pass	
		Inner_1RB_Left	23.68	/	/	21.19	/	/	<=30	Pass	
		Inner_1RB_Right	23.89	/	/	21.39	/	/	<=30	Pass	

CP-OFDM 64 QAM	3725.01	Edge_1RB_Left	22.66	/	/	20.16	/	/	<=30	Pass	
		Edge_1RB_Right	22.68	/	/	20.18	/	/	<=30	Pass	
		Outer_Full	22.81	/	/	20.31	/	/	<=30	Pass	
		Inner_Full	22.78	/	/	20.28	/	/	<=30	Pass	
		Inner_1RB_Left	22.47	/	/	19.97	/	/	<=30	Pass	
		Inner_1RB_Right	22.64	/	/	20.14	/	/	<=30	Pass	
		3750	Edge_1RB_Left	22.40	/	/	19.90	/	/	<=30	Pass
			Edge_1RB_Right	22.54	/	/	20.04	/	/	<=30	Pass
	Outer_Full		22.80	/	/	20.30	/	/	<=30	Pass	
	Inner_Full		22.76	/	/	20.26	/	/	<=30	Pass	
		Inner_1RB_Left	22.38	/	/	19.88	/	/	<=30	Pass	
		Inner_1RB_Right	22.66	/	/	20.16	/	/	<=30	Pass	
		3774.99	Edge_1RB_Left	22.39	/	/	19.90	/	/	<=30	Pass
			Edge_1RB_Right	22.57	/	/	20.07	/	/	<=30	Pass
	Outer_Full		22.78	/	/	20.28	/	/	<=30	Pass	
	Inner_Full		22.71	/	/	20.21	/	/	<=30	Pass	
	Inner_1RB_Left	22.45	/	/	19.95	/	/	<=30	Pass		
	Inner_1RB_Right	22.72	/	/	20.22	/	/	<=30	Pass		

CP-OFDM 256 QAM	3725.01	Edge_1RB_Left	19.40	/	/	16.90	/	/	<=30	Pass	
		Edge_1RB_Right	19.56	/	/	17.06	/	/	<=30	Pass	
		Outer_Full	19.86	/	/	17.36	/	/	<=30	Pass	
		Inner_Full	19.87	/	/	17.37	/	/	<=30	Pass	
		Inner_1RB_Left	19.52	/	/	17.02	/	/	<=30	Pass	
		Inner_1RB_Right	19.55	/	/	17.05	/	/	<=30	Pass	
		3750	Edge_1RB_Left	19.37	/	/	16.87	/	/	<=30	Pass
			Edge_1RB_Right	19.56	/	/	17.06	/	/	<=30	Pass
	Outer_Full		19.87	/	/	17.37	/	/	<=30	Pass	
	Inner_Full		19.85	/	/	17.35	/	/	<=30	Pass	
		Inner_1RB_Left	19.35	/	/	16.85	/	/	<=30	Pass	
		Inner_1RB_Right	19.60	/	/	17.10	/	/	<=30	Pass	
		3774.99	Edge_1RB_Left	19.34	/	/	16.84	/	/	<=30	Pass
			Edge_1RB_Right	19.52	/	/	17.02	/	/	<=30	Pass
	Outer_Full		19.78	/	/	17.28	/	/	<=30	Pass	
	Inner_Full		19.79	/	/	17.29	/	/	<=30	Pass	
	Inner_1RB_Left	19.34	/	/	16.84	/	/	<=30	Pass		
	Inner_1RB_Right	19.52	/	/	17.02	/	/	<=30	Pass		

Note1: Antenna Gain: Ant8: -2.50dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.8 30_S_60M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant8	Ant2	Sum	Ant8	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3730.02	Edge_1RB_Left	22.55	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	20.08	/	/	<=30	Pass

		Outer_Full	25.66	/	/	23.16	/	/	<=30	Pass
		Inner_Full	26.13	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Left	26.05	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Right	26.02	/	/	23.52	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.52	/	/	20.02	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	20.07	/	/	<=30	Pass
		Outer_Full	25.60	/	/	23.10	/	/	<=30	Pass
		Inner_Full	26.14	/	/	23.64	/	/	<=30	Pass
	3769.98	Inner_1RB_Left	26.03	/	/	23.53	/	/	<=30	Pass
		Inner_1RB_Right	26.04	/	/	23.54	/	/	<=30	Pass
		Edge_1RB_Left	22.36	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	20.11	/	/	<=30	Pass
DFT-s-OFDM QPSK	3730.02	Outer_Full	25.57	/	/	23.07	/	/	<=30	Pass
		Inner_Full	26.09	/	/	23.59	/	/	<=30	Pass
		Inner_1RB_Left	25.88	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Right	26.13	/	/	23.63	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.70	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	20.23	/	/	<=30	Pass
		Outer_Full	25.19	/	/	22.69	/	/	<=30	Pass
		Inner_Full	26.14	/	/	23.65	/	/	<=30	Pass
	3769.98	Inner_1RB_Left	26.26	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Right	26.26	/	/	23.76	/	/	<=30	Pass
		Edge_1RB_Left	22.67	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	20.23	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3730.02	Outer_Full	25.13	/	/	22.63	/	/	<=30	Pass
		Inner_Full	26.11	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Left	26.28	/	/	23.78	/	/	<=30	Pass
		Inner_1RB_Right	26.29	/	/	23.79	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.45	/	/	19.95	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	20.19	/	/	<=30	Pass
		Outer_Full	25.07	/	/	22.57	/	/	<=30	Pass
		Inner_Full	26.09	/	/	23.60	/	/	<=30	Pass
	3769.98	Inner_1RB_Left	26.18	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Right	26.50	/	/	24.00	/	/	<=30	Pass
	3730.02	Edge_1RB_Left	22.50	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	19.96	/	/	<=30	Pass
		Outer_Full	24.25	/	/	21.75	/	/	<=30	Pass
		Inner_Full	25.15	/	/	22.65	/	/	<=30	Pass
	3750	Inner_1RB_Left	25.24	/	/	22.74	/	/	<=30	Pass
		Inner_1RB_Right	25.04	/	/	22.54	/	/	<=30	Pass
		Edge_1RB_Left	22.37	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	19.98	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3730.02	Outer_Full	24.17	/	/	21.67	/	/	<=30	Pass
		Inner_Full	25.11	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Left	25.02	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Right	25.02	/	/	22.52	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	22.35	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	20.05	/	/	<=30	Pass
		Outer_Full	24.15	/	/	21.65	/	/	<=30	Pass
		Inner_Full	25.09	/	/	22.59	/	/	<=30	Pass
	3750	Inner_1RB_Left	24.84	/	/	22.34	/	/	<=30	Pass
		Inner_1RB_Right	25.11	/	/	22.61	/	/	<=30	Pass
	3730.02	Edge_1RB_Left	22.58	/	/	20.08	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	20.08	/	/	<=30	Pass
		Outer_Full	23.75	/	/	21.26	/	/	<=30	Pass
		Inner_Full	23.69	/	/	21.19	/	/	<=30	Pass
	3750	Inner_1RB_Left	23.61	/	/	21.11	/	/	<=30	Pass
		Inner_1RB_Right	23.62	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Left	22.54	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	20.08	/	/	<=30	Pass
	3730.02	Outer_Full	23.64	/	/	21.14	/	/	<=30	Pass
		Inner_Full	23.67	/	/	21.17	/	/	<=30	Pass
		Inner_1RB_Left	23.56	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Right	23.64	/	/	21.15	/	/	<=30	Pass

	3769.98	Edge_1RB_Left	22.32	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	20.05	/	/	<=30	Pass
		Outer_Full	23.67	/	/	21.17	/	/	<=30	Pass
		Inner_Full	23.62	/	/	21.13	/	/	<=30	Pass
		Inner_1RB_Left	23.45	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Right	23.74	/	/	21.24	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3730.02	Edge_1RB_Left	21.59	/	/	19.09	/	/	<=30	Pass
		Edge_1RB_Right	21.56	/	/	19.06	/	/	<=30	Pass
		Outer_Full	21.77	/	/	19.27	/	/	<=30	Pass
		Inner_Full	21.73	/	/	19.23	/	/	<=30	Pass
		Inner_1RB_Left	21.63	/	/	19.13	/	/	<=30	Pass
		Inner_1RB_Right	21.66	/	/	19.16	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.54	/	/	19.04	/	/	<=30	Pass
		Edge_1RB_Right	21.61	/	/	19.11	/	/	<=30	Pass
		Outer_Full	19.68	/	/	17.18	/	/	<=30	Pass
		Inner_Full	21.69	/	/	19.19	/	/	<=30	Pass
		Inner_1RB_Left	21.57	/	/	19.07	/	/	<=30	Pass
		Inner_1RB_Right	21.61	/	/	19.11	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	21.39	/	/	18.89	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	19.10	/	/	<=30	Pass
		Outer_Full	21.66	/	/	19.16	/	/	<=30	Pass
		Inner_Full	21.63	/	/	19.13	/	/	<=30	Pass
		Inner_1RB_Left	21.37	/	/	18.87	/	/	<=30	Pass
		Inner_1RB_Right	21.66	/	/	19.16	/	/	<=30	Pass
CP-OFDM QPSK	3730.02	Edge_1RB_Left	22.59	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	20.24	/	/	<=30	Pass
		Outer_Full	23.18	/	/	20.69	/	/	<=30	Pass
		Inner_Full	24.67	/	/	22.17	/	/	<=30	Pass
		Inner_1RB_Left	24.62	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Right	24.75	/	/	22.25	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.57	/	/	20.08	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	20.25	/	/	<=30	Pass
		Outer_Full	23.11	/	/	20.61	/	/	<=30	Pass
		Inner_Full	24.56	/	/	22.06	/	/	<=30	Pass
		Inner_1RB_Left	24.57	/	/	22.07	/	/	<=30	Pass
		Inner_1RB_Right	24.55	/	/	22.05	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	22.50	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	20.27	/	/	<=30	Pass
		Outer_Full	23.09	/	/	20.59	/	/	<=30	Pass
		Inner_Full	24.61	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Left	24.46	/	/	21.96	/	/	<=30	Pass
		Inner_1RB_Right	24.81	/	/	22.31	/	/	<=30	Pass
CP-OFDM 16 QAM	3730.02	Edge_1RB_Left	22.32	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	19.95	/	/	<=30	Pass
		Outer_Full	23.20	/	/	20.70	/	/	<=30	Pass
		Inner_Full	24.13	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Left	23.86	/	/	21.36	/	/	<=30	Pass
		Inner_1RB_Right	24.00	/	/	21.50	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.33	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	19.97	/	/	<=30	Pass
		Outer_Full	23.15	/	/	20.65	/	/	<=30	Pass
		Inner_Full	24.12	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Left	23.90	/	/	21.40	/	/	<=30	Pass
		Inner_1RB_Right	23.94	/	/	21.44	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	22.22	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	19.98	/	/	<=30	Pass
		Outer_Full	23.13	/	/	20.63	/	/	<=30	Pass
		Inner_Full	24.09	/	/	21.59	/	/	<=30	Pass
		Inner_1RB_Left	23.75	/	/	21.25	/	/	<=30	Pass
		Inner_1RB_Right	23.98	/	/	21.48	/	/	<=30	Pass
CP-OFDM 64 QAM	3730.02	Edge_1RB_Left	22.65	/	/	20.15	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	20.23	/	/	<=30	Pass
		Outer_Full	22.76	/	/	20.26	/	/	<=30	Pass
		Inner_Full	22.65	/	/	20.15	/	/	<=30	Pass

		Inner_1RB_Left	22.71	/	/	20.21	/	/	<=30	Pass
		Inner_1RB_Right	22.71	/	/	20.21	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.57	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	20.20	/	/	<=30	Pass
		Outer_Full	22.72	/	/	20.22	/	/	<=30	Pass
		Inner_Full	22.62	/	/	20.12	/	/	<=30	Pass
		Inner_1RB_Left	22.60	/	/	20.10	/	/	<=30	Pass
		Inner_1RB_Right	22.72	/	/	20.22	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	22.42	/	/	19.92	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	20.24	/	/	<=30	Pass
		Outer_Full	22.64	/	/	20.14	/	/	<=30	Pass
		Inner_Full	22.59	/	/	20.10	/	/	<=30	Pass
		Inner_1RB_Left	22.40	/	/	19.90	/	/	<=30	Pass
		Inner_1RB_Right	22.75	/	/	20.25	/	/	<=30	Pass
CP-OFDM 256 QAM	3730.02	Edge_1RB_Left	19.51	/	/	17.01	/	/	<=30	Pass
		Edge_1RB_Right	19.58	/	/	17.08	/	/	<=30	Pass
		Outer_Full	19.84	/	/	17.34	/	/	<=30	Pass
		Inner_Full	19.82	/	/	17.32	/	/	<=30	Pass
		Inner_1RB_Left	19.58	/	/	17.08	/	/	<=30	Pass
		Inner_1RB_Right	19.60	/	/	17.10	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.45	/	/	16.95	/	/	<=30	Pass
		Edge_1RB_Right	19.63	/	/	17.13	/	/	<=30	Pass
		Outer_Full	19.79	/	/	17.29	/	/	<=30	Pass
		Inner_Full	19.72	/	/	17.22	/	/	<=30	Pass
		Inner_1RB_Left	19.52	/	/	17.02	/	/	<=30	Pass
		Inner_1RB_Right	19.57	/	/	17.07	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	19.30	/	/	16.80	/	/	<=30	Pass
		Edge_1RB_Right	19.48	/	/	16.98	/	/	<=30	Pass
		Outer_Full	19.69	/	/	17.19	/	/	<=30	Pass
		Inner_Full	19.67	/	/	17.17	/	/	<=30	Pass
		Inner_1RB_Left	19.31	/	/	16.81	/	/	<=30	Pass
		Inner_1RB_Right	19.52	/	/	17.02	/	/	<=30	Pass
Note1: Antenna Gain: Ant8: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30_S_70M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 70MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant8	Ant2	Sum	Ant8	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3735	Edge_1RB_Left	22.57	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	20.01	/	/	<=30	Pass
		Outer_Full	25.64	/	/	23.14	/	/	<=30	Pass
		Inner_Full	26.10	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Left	26.09	/	/	23.59	/	/	<=30	Pass
		Inner_1RB_Right	26.04	/	/	23.54	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.53	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	20.02	/	/	<=30	Pass
		Outer_Full	25.60	/	/	23.10	/	/	<=30	Pass
		Inner_Full	26.07	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Left	25.99	/	/	23.49	/	/	<=30	Pass
		Inner_1RB_Right	26.04	/	/	23.54	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.50	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	20.10	/	/	<=30	Pass
		Outer_Full	25.58	/	/	23.08	/	/	<=30	Pass
		Inner_Full	26.06	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Left	25.96	/	/	23.46	/	/	<=30	Pass
		Inner_1RB_Right	26.07	/	/	23.57	/	/	<=30	Pass
DFT-s-OFDM QPSK	3735	Edge_1RB_Left	22.78	/	/	20.28	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	20.18	/	/	<=30	Pass
		Outer_Full	25.16	/	/	22.66	/	/	<=30	Pass
		Inner_Full	26.14	/	/	23.64	/	/	<=30	Pass

		Inner_1RB_Left	26.50	/	/	24.00	/	/	<=30	Pass
		Inner_1RB_Right	26.45	/	/	23.95	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.66	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	20.21	/	/	<=30	Pass
		Outer_Full	25.14	/	/	22.65	/	/	<=30	Pass
		Inner_Full	26.10	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Left	26.43	/	/	23.93	/	/	<=30	Pass
		Inner_1RB_Right	26.48	/	/	23.98	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.70	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	20.24	/	/	<=30	Pass
		Outer_Full	25.12	/	/	22.62	/	/	<=30	Pass
		Inner_Full	26.09	/	/	23.59	/	/	<=30	Pass
		Inner_1RB_Left	26.33	/	/	23.83	/	/	<=30	Pass
		Inner_1RB_Right	26.33	/	/	23.83	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3735	Edge_1RB_Left	22.46	/	/	19.96	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	19.94	/	/	<=30	Pass
		Outer_Full	24.21	/	/	21.71	/	/	<=30	Pass
		Inner_Full	25.20	/	/	22.70	/	/	<=30	Pass
		Inner_1RB_Left	25.03	/	/	22.53	/	/	<=30	Pass
		Inner_1RB_Right	25.17	/	/	22.67	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.53	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	20.01	/	/	<=30	Pass
		Outer_Full	24.17	/	/	21.67	/	/	<=30	Pass
		Inner_Full	25.15	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Left	25.19	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Right	25.21	/	/	22.71	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.42	/	/	19.92	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	19.95	/	/	<=30	Pass
		Outer_Full	24.14	/	/	21.64	/	/	<=30	Pass
		Inner_Full	25.12	/	/	22.62	/	/	<=30	Pass
		Inner_1RB_Left	25.16	/	/	22.66	/	/	<=30	Pass
		Inner_1RB_Right	25.24	/	/	22.74	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3735	Edge_1RB_Left	22.60	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	20.07	/	/	<=30	Pass
		Outer_Full	23.71	/	/	21.22	/	/	<=30	Pass
		Inner_Full	23.66	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	21.09	/	/	<=30	Pass
		Inner_1RB_Right	23.55	/	/	21.05	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.53	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	20.03	/	/	<=30	Pass
		Outer_Full	23.69	/	/	21.19	/	/	<=30	Pass
		Inner_Full	23.60	/	/	21.10	/	/	<=30	Pass
		Inner_1RB_Left	23.55	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Right	23.59	/	/	21.09	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.50	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	20.11	/	/	<=30	Pass
		Outer_Full	23.71	/	/	21.21	/	/	<=30	Pass
		Inner_Full	23.62	/	/	21.12	/	/	<=30	Pass
		Inner_1RB_Left	23.54	/	/	21.04	/	/	<=30	Pass
		Inner_1RB_Right	23.62	/	/	21.12	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3735	Edge_1RB_Left	21.72	/	/	19.22	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	19.10	/	/	<=30	Pass
		Outer_Full	21.79	/	/	19.29	/	/	<=30	Pass
		Inner_Full	21.82	/	/	19.32	/	/	<=30	Pass
		Inner_1RB_Left	21.76	/	/	19.26	/	/	<=30	Pass
		Inner_1RB_Right	21.68	/	/	19.18	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.69	/	/	19.19	/	/	<=30	Pass
		Edge_1RB_Right	21.67	/	/	19.17	/	/	<=30	Pass
		Outer_Full	21.77	/	/	19.27	/	/	<=30	Pass
		Inner_Full	21.76	/	/	19.26	/	/	<=30	Pass
		Inner_1RB_Left	21.64	/	/	19.14	/	/	<=30	Pass
		Inner_1RB_Right	21.63	/	/	19.13	/	/	<=30	Pass
	3765	Edge_1RB_Left	21.62	/	/	19.13	/	/	<=30	Pass
		Edge_1RB_Right	21.62	/	/	19.12	/	/	<=30	Pass

		Outer_Full	19.70	/	/	17.20	/	/	<=30	Pass
		Inner_Full	21.75	/	/	19.25	/	/	<=30	Pass
		Inner_1RB_Left	21.62	/	/	19.13	/	/	<=30	Pass
		Inner_1RB_Right	21.71	/	/	19.21	/	/	<=30	Pass
CP-OFDM QPSK	3735	Edge_1RB_Left	22.62	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	20.12	/	/	<=30	Pass
		Outer_Full	23.18	/	/	20.68	/	/	<=30	Pass
		Inner_Full	24.62	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Left	24.50	/	/	22.00	/	/	<=30	Pass
		Inner_1RB_Right	24.61	/	/	22.11	/	/	<=30	Pass
		Edge_1RB_Left	22.56	/	/	20.06	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	20.20	/	/	<=30	Pass
	3750	Outer_Full	23.15	/	/	20.65	/	/	<=30	Pass
		Inner_Full	24.58	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Left	24.44	/	/	21.94	/	/	<=30	Pass
		Inner_1RB_Right	24.59	/	/	22.10	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.58	/	/	20.08	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	20.24	/	/	<=30	Pass
		Outer_Full	23.12	/	/	20.62	/	/	<=30	Pass
		Inner_Full	24.57	/	/	22.07	/	/	<=30	Pass
CP-OFDM 16 QAM	3735	Inner_1RB_Left	24.54	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Right	24.58	/	/	22.08	/	/	<=30	Pass
		Edge_1RB_Left	22.32	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	19.87	/	/	<=30	Pass
		Outer_Full	23.23	/	/	20.73	/	/	<=30	Pass
		Inner_Full	24.13	/	/	21.63	/	/	<=30	Pass
	3750	Inner_1RB_Left	23.86	/	/	21.36	/	/	<=30	Pass
		Inner_1RB_Right	23.91	/	/	21.41	/	/	<=30	Pass
		Edge_1RB_Left	22.31	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	19.91	/	/	<=30	Pass
		Outer_Full	23.19	/	/	20.69	/	/	<=30	Pass
		Inner_Full	24.10	/	/	21.60	/	/	<=30	Pass
	3765	Inner_1RB_Left	23.82	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Right	23.89	/	/	21.39	/	/	<=30	Pass
		Edge_1RB_Left	22.38	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	19.96	/	/	<=30	Pass
		Outer_Full	23.18	/	/	20.68	/	/	<=30	Pass
		Inner_Full	24.08	/	/	21.58	/	/	<=30	Pass
CP-OFDM 64 QAM	3735	Inner_1RB_Left	23.90	/	/	21.40	/	/	<=30	Pass
		Inner_1RB_Right	24.03	/	/	21.53	/	/	<=30	Pass
		Edge_1RB_Left	22.64	/	/	20.14	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	20.20	/	/	<=30	Pass
		Outer_Full	22.73	/	/	20.23	/	/	<=30	Pass
		Inner_Full	22.66	/	/	20.16	/	/	<=30	Pass
	3750	Inner_1RB_Left	22.62	/	/	20.12	/	/	<=30	Pass
		Inner_1RB_Right	22.68	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Left	22.59	/	/	20.09	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	20.21	/	/	<=30	Pass
		Outer_Full	22.71	/	/	20.21	/	/	<=30	Pass
		Inner_Full	22.61	/	/	20.11	/	/	<=30	Pass
	3765	Inner_1RB_Left	22.61	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Right	22.72	/	/	20.22	/	/	<=30	Pass
		Edge_1RB_Left	22.46	/	/	19.96	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	20.17	/	/	<=30	Pass
		Outer_Full	22.69	/	/	20.19	/	/	<=30	Pass
		Inner_Full	22.63	/	/	20.13	/	/	<=30	Pass
CP-OFDM 256 QAM	3735	Inner_1RB_Left	22.52	/	/	20.02	/	/	<=30	Pass
		Inner_1RB_Right	22.68	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Left	19.62	/	/	17.12	/	/	<=30	Pass
		Edge_1RB_Right	19.61	/	/	17.11	/	/	<=30	Pass
		Outer_Full	19.80	/	/	17.30	/	/	<=30	Pass
		Inner_Full	19.77	/	/	17.27	/	/	<=30	Pass
		Inner_1RB_Left	19.65	/	/	17.15	/	/	<=30	Pass
		Inner_1RB_Right	19.61	/	/	17.11	/	/	<=30	Pass

	3750	Edge_1RB_Left	19.59	/	/	17.09	/	/	<=30	Pass
		Edge_1RB_Right	19.60	/	/	17.10	/	/	<=30	Pass
		Outer_Full	19.80	/	/	17.30	/	/	<=30	Pass
		Inner_Full	19.75	/	/	17.25	/	/	<=30	Pass
		Inner_1RB_Left	19.65	/	/	17.15	/	/	<=30	Pass
		Inner_1RB_Right	19.61	/	/	17.11	/	/	<=30	Pass
	3765	Edge_1RB_Left	19.55	/	/	17.05	/	/	<=30	Pass
		Edge_1RB_Right	19.59	/	/	17.09	/	/	<=30	Pass
		Outer_Full	19.76	/	/	17.26	/	/	<=30	Pass
		Inner_Full	19.75	/	/	17.25	/	/	<=30	Pass
		Inner_1RB_Left	19.55	/	/	17.05	/	/	<=30	Pass
		Inner_1RB_Right	19.66	/	/	17.16	/	/	<=30	Pass
Note1: Antenna Gain: Ant8: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.10 30_S_80M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant8	Ant2	Sum	Ant8	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3740.01	Edge_1RB_Left	22.59	/	/	20.09	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	19.94	/	/	<=30	Pass
		Outer_Full	25.59	/	/	23.09	/	/	<=30	Pass
		Inner_Full	26.08	/	/	23.58	/	/	<=30	Pass
		Inner_1RB_Left	26.05	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Right	25.97	/	/	23.47	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.57	/	/	20.08	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	20.03	/	/	<=30	Pass
		Outer_Full	25.61	/	/	23.11	/	/	<=30	Pass
		Inner_Full	26.09	/	/	23.59	/	/	<=30	Pass
		Inner_1RB_Left	26.05	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Right	25.99	/	/	23.49	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.59	/	/	20.09	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	20.06	/	/	<=30	Pass
		Outer_Full	25.58	/	/	23.08	/	/	<=30	Pass
		Inner_Full	26.07	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Left	26.05	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Right	26.05	/	/	23.55	/	/	<=30	Pass
DFT-s-OFDM QPSK	3740.01	Edge_1RB_Left	22.76	/	/	20.26	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	20.13	/	/	<=30	Pass
		Outer_Full	25.16	/	/	22.66	/	/	<=30	Pass
		Inner_Full	26.14	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Left	26.31	/	/	23.81	/	/	<=30	Pass
		Inner_1RB_Right	26.19	/	/	23.69	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.72	/	/	20.22	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	20.20	/	/	<=30	Pass
		Outer_Full	25.14	/	/	22.64	/	/	<=30	Pass
		Inner_Full	26.07	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Left	26.35	/	/	23.85	/	/	<=30	Pass
		Inner_1RB_Right	26.30	/	/	23.80	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.72	/	/	20.22	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	20.21	/	/	<=30	Pass
		Outer_Full	25.16	/	/	22.66	/	/	<=30	Pass
		Inner_Full	26.13	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Left	26.37	/	/	23.87	/	/	<=30	Pass
		Inner_1RB_Right	26.38	/	/	23.88	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3740.01	Edge_1RB_Left	22.54	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	19.90	/	/	<=30	Pass
		Outer_Full	24.17	/	/	21.67	/	/	<=30	Pass
		Inner_Full	25.14	/	/	22.64	/	/	<=30	Pass
		Inner_1RB_Left	25.05	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Right	25.14	/	/	22.64	/	/	<=30	Pass

	3750	Edge_1RB_Left	22.59	/	/	20.09	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	20.04	/	/	<=30	Pass
		Outer_Full	24.18	/	/	21.68	/	/	<=30	Pass
		Inner_Full	25.12	/	/	22.62	/	/	<=30	Pass
		Inner_1RB_Left	25.07	/	/	22.57	/	/	<=30	Pass
		Inner_1RB_Right	24.97	/	/	22.47	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.56	/	/	20.06	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	19.98	/	/	<=30	Pass
		Outer_Full	24.16	/	/	21.66	/	/	<=30	Pass
		Inner_Full	25.12	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Left	25.08	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Right	25.04	/	/	22.54	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3740.01	Edge_1RB_Left	22.62	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	20.06	/	/	<=30	Pass
		Outer_Full	23.70	/	/	21.20	/	/	<=30	Pass
		Inner_Full	23.66	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Left	23.58	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Right	23.53	/	/	21.03	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.63	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	20.04	/	/	<=30	Pass
		Outer_Full	23.70	/	/	21.20	/	/	<=30	Pass
		Inner_Full	23.62	/	/	21.12	/	/	<=30	Pass
		Inner_1RB_Left	23.61	/	/	21.12	/	/	<=30	Pass
		Inner_1RB_Right	23.51	/	/	21.01	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.57	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	20.11	/	/	<=30	Pass
		Outer_Full	23.68	/	/	21.18	/	/	<=30	Pass
		Inner_Full	23.62	/	/	21.12	/	/	<=30	Pass
		Inner_1RB_Left	23.62	/	/	21.12	/	/	<=30	Pass
		Inner_1RB_Right	23.56	/	/	21.06	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3740.01	Edge_1RB_Left	21.77	/	/	19.27	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	19.10	/	/	<=30	Pass
		Outer_Full	21.78	/	/	19.28	/	/	<=30	Pass
		Inner_Full	21.80	/	/	19.30	/	/	<=30	Pass
		Inner_1RB_Left	21.80	/	/	19.30	/	/	<=30	Pass
		Inner_1RB_Right	21.56	/	/	19.06	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.64	/	/	19.14	/	/	<=30	Pass
		Edge_1RB_Right	21.62	/	/	19.12	/	/	<=30	Pass
		Outer_Full	21.76	/	/	19.26	/	/	<=30	Pass
		Inner_Full	21.78	/	/	19.28	/	/	<=30	Pass
		Inner_1RB_Left	21.69	/	/	19.19	/	/	<=30	Pass
		Inner_1RB_Right	21.59	/	/	19.09	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	21.60	/	/	19.10	/	/	<=30	Pass
		Edge_1RB_Right	21.65	/	/	19.15	/	/	<=30	Pass
		Outer_Full	21.79	/	/	19.29	/	/	<=30	Pass
		Inner_Full	21.77	/	/	19.27	/	/	<=30	Pass
		Inner_1RB_Left	21.73	/	/	19.23	/	/	<=30	Pass
		Inner_1RB_Right	21.66	/	/	19.16	/	/	<=30	Pass
CP-OFDM QPSK	3740.01	Edge_1RB_Left	22.60	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	20.07	/	/	<=30	Pass
		Outer_Full	23.16	/	/	20.66	/	/	<=30	Pass
		Inner_Full	24.62	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Left	24.50	/	/	22.00	/	/	<=30	Pass
		Inner_1RB_Right	24.49	/	/	21.99	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.62	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	20.19	/	/	<=30	Pass
		Outer_Full	23.16	/	/	20.66	/	/	<=30	Pass
		Inner_Full	24.56	/	/	22.06	/	/	<=30	Pass
		Inner_1RB_Left	24.61	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Right	24.49	/	/	21.99	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.61	/	/	20.11	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	20.25	/	/	<=30	Pass
		Outer_Full	23.13	/	/	20.63	/	/	<=30	Pass
		Inner_Full	24.61	/	/	22.11	/	/	<=30	Pass

		Inner_1RB_Left	24.50	/	/	22.00	/	/	<=30	Pass
		Inner_1RB_Right	24.61	/	/	22.11	/	/	<=30	Pass
CP-OFDM 16 QAM	3740.01	Edge_1RB_Left	22.42	/	/	19.92	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	19.88	/	/	<=30	Pass
		Outer_Full	23.17	/	/	20.67	/	/	<=30	Pass
		Inner_Full	24.13	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Left	23.88	/	/	21.38	/	/	<=30	Pass
		Inner_1RB_Right	23.86	/	/	21.37	/	/	<=30	Pass
		Edge_1RB_Left	22.48	/	/	19.98	/	/	<=30	Pass
	3750	Edge_1RB_Right	22.42	/	/	19.92	/	/	<=30	Pass
		Outer_Full	23.16	/	/	20.66	/	/	<=30	Pass
		Inner_Full	24.11	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Left	23.89	/	/	21.39	/	/	<=30	Pass
		Inner_1RB_Right	23.82	/	/	21.32	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.36	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	19.94	/	/	<=30	Pass
		Outer_Full	23.20	/	/	20.70	/	/	<=30	Pass
		Inner_Full	24.10	/	/	21.60	/	/	<=30	Pass
		Inner_1RB_Left	23.96	/	/	21.47	/	/	<=30	Pass
		Inner_1RB_Right	23.96	/	/	21.46	/	/	<=30	Pass
		Edge_1RB_Left	22.64	/	/	20.14	/	/	<=30	Pass
CP-OFDM 64 QAM	3740.01	Edge_1RB_Right	22.63	/	/	20.13	/	/	<=30	Pass
		Outer_Full	22.70	/	/	20.20	/	/	<=30	Pass
		Inner_Full	22.63	/	/	20.13	/	/	<=30	Pass
		Inner_1RB_Left	22.71	/	/	20.21	/	/	<=30	Pass
		Inner_1RB_Right	22.66	/	/	20.16	/	/	<=30	Pass
		Edge_1RB_Left	22.64	/	/	20.14	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	20.20	/	/	<=30	Pass
	3750	Outer_Full	22.68	/	/	20.18	/	/	<=30	Pass
		Inner_Full	22.61	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Left	22.71	/	/	20.21	/	/	<=30	Pass
		Inner_1RB_Right	22.68	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Left	22.68	/	/	20.18	/	/	<=30	Pass
	3759.99	Edge_1RB_Right	22.67	/	/	20.17	/	/	<=30	Pass
		Outer_Full	22.69	/	/	20.19	/	/	<=30	Pass
		Inner_Full	22.59	/	/	20.09	/	/	<=30	Pass
		Inner_1RB_Left	22.69	/	/	20.19	/	/	<=30	Pass
		Inner_1RB_Right	22.77	/	/	20.27	/	/	<=30	Pass
		Edge_1RB_Left	19.66	/	/	17.16	/	/	<=30	Pass
		Edge_1RB_Right	19.57	/	/	17.07	/	/	<=30	Pass
CP-OFDM 256 QAM	3740.01	Outer_Full	19.80	/	/	17.30	/	/	<=30	Pass
		Inner_Full	19.74	/	/	17.24	/	/	<=30	Pass
		Inner_1RB_Left	19.70	/	/	17.20	/	/	<=30	Pass
		Inner_1RB_Right	19.57	/	/	17.07	/	/	<=30	Pass
		Edge_1RB_Left	19.62	/	/	17.12	/	/	<=30	Pass
		Edge_1RB_Right	19.50	/	/	17.00	/	/	<=30	Pass
		Outer_Full	19.79	/	/	17.29	/	/	<=30	Pass
	3750	Inner_Full	19.75	/	/	17.25	/	/	<=30	Pass
		Inner_1RB_Left	19.68	/	/	17.18	/	/	<=30	Pass
		Inner_1RB_Right	19.58	/	/	17.08	/	/	<=30	Pass
		Edge_1RB_Left	19.55	/	/	17.05	/	/	<=30	Pass
		Edge_1RB_Right	19.61	/	/	17.11	/	/	<=30	Pass
	3759.99	Outer_Full	19.79	/	/	17.29	/	/	<=30	Pass
		Inner_Full	19.75	/	/	17.25	/	/	<=30	Pass
		Inner_1RB_Left	19.61	/	/	17.11	/	/	<=30	Pass
		Inner_1RB_Right	19.60	/	/	17.10	/	/	<=30	Pass
		Edge_1RB_Left	19.66	/	/	17.16	/	/	<=30	Pass

Note1: Antenna Gain: Ant8: -2.50dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.11 30_S_90M_NTNV_EIRP

Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant8	Ant2	Sum	Ant8	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3745.02	Edge 1RB Left	22.64	/	/	20.14	/	/	<=30	Pass
		Edge 1RB Right	22.54	/	/	20.04	/	/	<=30	Pass
		Outer Full	25.60	/	/	23.10	/	/	<=30	Pass
		Inner Full	26.05	/	/	23.55	/	/	<=30	Pass
		Inner 1RB Left	26.11	/	/	23.61	/	/	<=30	Pass
		Inner 1RB Right	26.07	/	/	23.57	/	/	<=30	Pass
	3750	Edge 1RB Left	22.60	/	/	20.10	/	/	<=30	Pass
		Edge 1RB Right	22.55	/	/	20.05	/	/	<=30	Pass
		Outer Full	25.64	/	/	23.14	/	/	<=30	Pass
		Inner Full	25.99	/	/	23.49	/	/	<=30	Pass
		Inner 1RB Left	26.14	/	/	23.64	/	/	<=30	Pass
		Inner 1RB Right	26.10	/	/	23.60	/	/	<=30	Pass
	3754.98	Edge 1RB Left	22.60	/	/	20.10	/	/	<=30	Pass
		Edge 1RB Right	22.59	/	/	20.09	/	/	<=30	Pass
		Outer Full	25.63	/	/	23.13	/	/	<=30	Pass
		Inner Full	26.04	/	/	23.54	/	/	<=30	Pass
		Inner 1RB Left	26.10	/	/	23.60	/	/	<=30	Pass
		Inner 1RB Right	26.03	/	/	23.53	/	/	<=30	Pass
DFT-s-OFDM QPSK	3745.02	Edge 1RB Left	22.78	/	/	20.28	/	/	<=30	Pass
		Edge 1RB Right	22.68	/	/	20.18	/	/	<=30	Pass
		Outer Full	25.17	/	/	22.67	/	/	<=30	Pass
		Inner Full	26.12	/	/	23.62	/	/	<=30	Pass
		Inner 1RB Left	26.32	/	/	23.82	/	/	<=30	Pass
		Inner 1RB Right	26.39	/	/	23.89	/	/	<=30	Pass
	3750	Edge 1RB Left	22.75	/	/	20.25	/	/	<=30	Pass
		Edge 1RB Right	22.74	/	/	20.24	/	/	<=30	Pass
		Outer Full	25.21	/	/	22.72	/	/	<=30	Pass
		Inner Full	26.11	/	/	23.61	/	/	<=30	Pass
		Inner 1RB Left	26.46	/	/	23.96	/	/	<=30	Pass
		Inner 1RB Right	26.45	/	/	23.95	/	/	<=30	Pass
	3754.98	Edge 1RB Left	22.76	/	/	20.26	/	/	<=30	Pass
		Edge 1RB Right	22.73	/	/	20.23	/	/	<=30	Pass
		Outer Full	25.20	/	/	22.70	/	/	<=30	Pass
		Inner Full	26.12	/	/	23.62	/	/	<=30	Pass
		Inner 1RB Left	26.39	/	/	23.89	/	/	<=30	Pass
		Inner 1RB Right	26.43	/	/	23.93	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3745.02	Edge 1RB Left	22.51	/	/	20.01	/	/	<=30	Pass
		Edge 1RB Right	22.52	/	/	20.02	/	/	<=30	Pass
		Outer Full	24.21	/	/	21.72	/	/	<=30	Pass
		Inner Full	25.13	/	/	22.63	/	/	<=30	Pass
		Inner 1RB Left	25.17	/	/	22.67	/	/	<=30	Pass
		Inner 1RB Right	24.99	/	/	22.49	/	/	<=30	Pass
	3750	Edge 1RB Left	22.52	/	/	20.02	/	/	<=30	Pass
		Edge 1RB Right	22.50	/	/	20.00	/	/	<=30	Pass
		Outer Full	24.28	/	/	21.78	/	/	<=30	Pass
		Inner Full	25.15	/	/	22.65	/	/	<=30	Pass
		Inner 1RB Left	25.20	/	/	22.70	/	/	<=30	Pass
		Inner 1RB Right	25.14	/	/	22.64	/	/	<=30	Pass
	3754.98	Edge 1RB Left	22.65	/	/	20.15	/	/	<=30	Pass
		Edge 1RB Right	22.50	/	/	20.01	/	/	<=30	Pass
		Outer Full	24.22	/	/	21.72	/	/	<=30	Pass
		Inner Full	25.13	/	/	22.63	/	/	<=30	Pass
		Inner 1RB Left	25.31	/	/	22.81	/	/	<=30	Pass
		Inner 1RB Right	25.11	/	/	22.61	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3745.02	Edge 1RB Left	22.64	/	/	20.14	/	/	<=30	Pass
		Edge 1RB Right	22.57	/	/	20.07	/	/	<=30	Pass
		Outer Full	23.68	/	/	21.18	/	/	<=30	Pass
		Inner Full	23.65	/	/	21.15	/	/	<=30	Pass
		Inner 1RB Left	23.63	/	/	21.13	/	/	<=30	Pass
		Inner 1RB Right	23.62	/	/	21.12	/	/	<=30	Pass
	3750	Edge 1RB Left	22.62	/	/	20.12	/	/	<=30	Pass
		Edge 1RB Right	22.65	/	/	20.15	/	/	<=30	Pass

		Outer_Full	23.75	/	/	21.25	/	/	<=30	Pass
		Inner_Full	23.61	/	/	21.11	/	/	<=30	Pass
		Inner_1RB_Left	23.64	/	/	21.14	/	/	<=30	Pass
		Inner_1RB_Right	23.66	/	/	21.16	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	22.67	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	20.09	/	/	<=30	Pass
		Outer_Full	23.72	/	/	21.22	/	/	<=30	Pass
		Inner_Full	23.64	/	/	21.14	/	/	<=30	Pass
		Inner_1RB_Left	23.68	/	/	21.18	/	/	<=30	Pass
		Inner_1RB_Right	23.68	/	/	21.19	/	/	<=30	Pass
		Edge_1RB_Left	21.77	/	/	19.27	/	/	<=30	Pass
		Edge_1RB_Right	21.55	/	/	19.05	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3745.02	Outer_Full	21.81	/	/	19.31	/	/	<=30	Pass
		Inner_Full	21.75	/	/	19.25	/	/	<=30	Pass
		Inner_1RB_Left	21.83	/	/	19.33	/	/	<=30	Pass
		Inner_1RB_Right	21.60	/	/	19.10	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.77	/	/	19.27	/	/	<=30	Pass
		Edge_1RB_Right	21.64	/	/	19.15	/	/	<=30	Pass
		Outer_Full	21.80	/	/	19.30	/	/	<=30	Pass
		Inner_Full	21.77	/	/	19.27	/	/	<=30	Pass
		Inner_1RB_Left	21.80	/	/	19.30	/	/	<=30	Pass
		Inner_1RB_Right	21.68	/	/	19.18	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	21.69	/	/	19.19	/	/	<=30	Pass
		Edge_1RB_Right	21.64	/	/	19.14	/	/	<=30	Pass
		Outer_Full	21.79	/	/	19.29	/	/	<=30	Pass
		Inner_Full	21.80	/	/	19.30	/	/	<=30	Pass
		Inner_1RB_Left	21.79	/	/	19.29	/	/	<=30	Pass
		Inner_1RB_Right	21.71	/	/	19.21	/	/	<=30	Pass
CP-OFDM QPSK	3745.02	Edge_1RB_Left	22.67	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	20.13	/	/	<=30	Pass
		Outer_Full	23.18	/	/	20.68	/	/	<=30	Pass
		Inner_Full	24.54	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Left	24.57	/	/	22.07	/	/	<=30	Pass
		Inner_1RB_Right	24.58	/	/	22.08	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.75	/	/	20.25	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	20.19	/	/	<=30	Pass
		Outer_Full	23.22	/	/	20.72	/	/	<=30	Pass
		Inner_Full	24.56	/	/	22.06	/	/	<=30	Pass
		Inner_1RB_Left	24.56	/	/	22.06	/	/	<=30	Pass
		Inner_1RB_Right	24.52	/	/	22.02	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	22.70	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	20.20	/	/	<=30	Pass
		Outer_Full	23.18	/	/	20.68	/	/	<=30	Pass
		Inner_Full	24.55	/	/	22.05	/	/	<=30	Pass
		Inner_1RB_Left	24.58	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Right	24.66	/	/	22.16	/	/	<=30	Pass
CP-OFDM 16 QAM	3745.02	Edge_1RB_Left	22.37	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	19.94	/	/	<=30	Pass
		Outer_Full	23.18	/	/	20.68	/	/	<=30	Pass
		Inner_Full	24.12	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Left	23.94	/	/	21.44	/	/	<=30	Pass
		Inner_1RB_Right	23.97	/	/	21.47	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.44	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	19.96	/	/	<=30	Pass
		Outer_Full	23.24	/	/	20.74	/	/	<=30	Pass
		Inner_Full	24.12	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Left	23.95	/	/	21.45	/	/	<=30	Pass
		Inner_1RB_Right	23.91	/	/	21.41	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	22.52	/	/	20.02	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	19.95	/	/	<=30	Pass
		Outer_Full	23.21	/	/	20.72	/	/	<=30	Pass
		Inner_Full	24.09	/	/	21.60	/	/	<=30	Pass
		Inner_1RB_Left	24.05	/	/	21.55	/	/	<=30	Pass
		Inner_1RB_Right	23.93	/	/	21.43	/	/	<=30	Pass

CP-OFDM 64 QAM	3745.02	Edge_1RB_Left	22.71	/	/	20.21	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	20.10	/	/	<=30	Pass
		Outer_Full	22.66	/	/	20.16	/	/	<=30	Pass
		Inner_Full	22.60	/	/	20.10	/	/	<=30	Pass
		Inner_1RB_Left	22.75	/	/	20.25	/	/	<=30	Pass
		Inner_1RB_Right	22.63	/	/	20.13	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.68	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	20.21	/	/	<=30	Pass
		Outer_Full	22.72	/	/	20.22	/	/	<=30	Pass
		Inner_Full	22.65	/	/	20.15	/	/	<=30	Pass
		Inner_1RB_Left	22.76	/	/	20.26	/	/	<=30	Pass
		Inner_1RB_Right	22.62	/	/	20.12	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	22.72	/	/	20.22	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	20.25	/	/	<=30	Pass
		Outer_Full	22.71	/	/	20.21	/	/	<=30	Pass
		Inner_Full	22.62	/	/	20.13	/	/	<=30	Pass
		Inner_1RB_Left	22.77	/	/	20.27	/	/	<=30	Pass
		Inner_1RB_Right	22.79	/	/	20.29	/	/	<=30	Pass
CP-OFDM 256 QAM	3745.02	Edge_1RB_Left	19.71	/	/	17.21	/	/	<=30	Pass
		Edge_1RB_Right	19.49	/	/	16.99	/	/	<=30	Pass
		Outer_Full	19.79	/	/	17.29	/	/	<=30	Pass
		Inner_Full	19.73	/	/	17.23	/	/	<=30	Pass
		Inner_1RB_Left	19.74	/	/	17.24	/	/	<=30	Pass
		Inner_1RB_Right	19.56	/	/	17.06	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.66	/	/	17.16	/	/	<=30	Pass
		Edge_1RB_Right	19.56	/	/	17.06	/	/	<=30	Pass
		Outer_Full	19.82	/	/	17.33	/	/	<=30	Pass
		Inner_Full	19.77	/	/	17.27	/	/	<=30	Pass
		Inner_1RB_Left	19.72	/	/	17.22	/	/	<=30	Pass
		Inner_1RB_Right	19.57	/	/	17.07	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	19.67	/	/	17.17	/	/	<=30	Pass
		Edge_1RB_Right	19.60	/	/	17.10	/	/	<=30	Pass
		Outer_Full	19.82	/	/	17.33	/	/	<=30	Pass
		Inner_Full	19.72	/	/	17.22	/	/	<=30	Pass
		Inner_1RB_Left	19.70	/	/	17.20	/	/	<=30	Pass
		Inner_1RB_Right	19.65	/	/	17.15	/	/	<=30	Pass
Note1: Antenna Gain: Ant8: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.12 30_S_100M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 100MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant8	Ant2	Sum	Ant8	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Edge_1RB_Left	22.63	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	19.98	/	/	<=30	Pass
		Outer_Full	25.62	/	/	23.12	/	/	<=30	Pass
		Inner_Full	25.98	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Left	26.11	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Right	25.96	/	/	23.46	/	/	<=30	Pass
DFT-s-OFDM QPSK	3750	Edge_1RB_Left	22.77	/	/	20.27	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	20.14	/	/	<=30	Pass
		Outer_Full	25.22	/	/	22.72	/	/	<=30	Pass
		Inner_Full	26.11	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Left	26.48	/	/	23.98	/	/	<=30	Pass
		Inner_1RB_Right	26.19	/	/	23.69	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Edge_1RB_Left	22.59	/	/	20.09	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	19.91	/	/	<=30	Pass
		Outer_Full	24.23	/	/	21.73	/	/	<=30	Pass
		Inner_Full	25.12	/	/	22.62	/	/	<=30	Pass
		Inner_1RB_Left	25.14	/	/	22.64	/	/	<=30	Pass
		Inner_1RB_Right	24.98	/	/	22.48	/	/	<=30	Pass

DFT-s-OFDM 64 QAM	3750	Edge_1RB_Left	22.66	/	/	20.16	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	20.05	/	/	<=30	Pass
		Outer_Full	23.68	/	/	21.18	/	/	<=30	Pass
		Inner_Full	23.64	/	/	21.14	/	/	<=30	Pass
		Inner_1RB_Left	23.69	/	/	21.19	/	/	<=30	Pass
		Inner_1RB_Right	23.59	/	/	21.09	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Edge_1RB_Left	21.80	/	/	19.30	/	/	<=30	Pass
		Edge_1RB_Right	21.55	/	/	19.05	/	/	<=30	Pass
		Outer_Full	21.83	/	/	19.33	/	/	<=30	Pass
		Inner_Full	21.74	/	/	19.24	/	/	<=30	Pass
		Inner_1RB_Left	21.88	/	/	19.38	/	/	<=30	Pass
		Inner_1RB_Right	21.60	/	/	19.10	/	/	<=30	Pass
CP-OFDM QPSK	3750	Edge_1RB_Left	22.67	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	20.14	/	/	<=30	Pass
		Outer_Full	23.19	/	/	20.69	/	/	<=30	Pass
		Inner_Full	24.55	/	/	22.05	/	/	<=30	Pass
		Inner_1RB_Left	24.58	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Right	24.53	/	/	22.03	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Edge_1RB_Left	22.40	/	/	19.90	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	20.04	/	/	<=30	Pass
		Outer_Full	23.17	/	/	20.67	/	/	<=30	Pass
		Inner_Full	24.10	/	/	21.60	/	/	<=30	Pass
		Inner_1RB_Left	23.97	/	/	21.47	/	/	<=30	Pass
		Inner_1RB_Right	23.80	/	/	21.30	/	/	<=30	Pass
CP-OFDM 64 QAM	3750	Edge_1RB_Left	22.67	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	20.10	/	/	<=30	Pass
		Outer_Full	22.70	/	/	20.20	/	/	<=30	Pass
		Inner_Full	22.61	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Left	22.83	/	/	20.33	/	/	<=30	Pass
		Inner_1RB_Right	22.59	/	/	20.09	/	/	<=30	Pass
CP-OFDM 256 QAM	3750	Edge_1RB_Left	19.65	/	/	17.15	/	/	<=30	Pass
		Edge_1RB_Right	19.52	/	/	17.02	/	/	<=30	Pass
		Outer_Full	19.81	/	/	17.31	/	/	<=30	Pass
		Inner_Full	19.72	/	/	17.22	/	/	<=30	Pass
		Inner_1RB_Left	19.76	/	/	17.26	/	/	<=30	Pass
		Inner_1RB_Right	19.50	/	/	17.01	/	/	<=30	Pass
Note1: Antenna Gain: Ant8: -2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30_S_100M

5G NR n78a SCS=30kHz SISO 100MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	2.88	0.0008	>=-2.5 & <=2.5	Pass
				HV	-4.02	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-10.45	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-3.74	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-2.54	-0.0007	>=-2.5 & <=2.5	Pass
			0	NV	-7.10	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-6.38	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-11.91	-0.0032	>=-2.5 & <=2.5	Pass
			30	NV	-12.01	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-15.67	-0.0042	>=-2.5 & <=2.5	Pass
			50	NV	-11.49	-0.0031	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30_S_10M_NTNV

5G NR n78a SCS=30kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	8.65	9.43	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	8.62	9.33	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	8.70	9.33	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	8.65	9.47	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	8.64	9.25	/	Pass
CP-OFDM QPSK	3750	Outer_Full	8.62	9.31	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	8.65	9.47	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	8.69	9.34	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	8.59	9.46	/	Pass

3.1.2 30_S_15M_NTNV

5G NR n78a SCS=30kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	12.98	13.91	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	13.01	13.90	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	12.96	13.96	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	13.07	13.97	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	13.01	13.92	/	Pass
CP-OFDM QPSK	3750	Outer_Full	13.69	14.62	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	13.72	14.62	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	13.69	14.83	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	13.73	14.67	/	Pass

3.1.3 30_S_20M_NTNV

5G NR n78a 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	3750	Outer_Full	18.26	19.23	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	18.14	19.28	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	18.11	19.51	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	18.24	19.36	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	18.25	19.13	/	Pass
CP-OFDM QPSK	3750	Outer_Full	18.42	19.66	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	18.36	19.50	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	18.34	19.61	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	18.31	19.58	/	Pass

3.1.4 30_S_25M_NTNV

5G NR n78a 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	3750	Outer_Full	23.08	24.55	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	23.22	24.74	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	23.23	24.61	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	23.23	24.65	/	Pass

DFT-s-OFDM 256 QAM	3750	Outer_Full	23.07	24.43	/	Pass
CP-OFDM QPSK	3750	Outer_Full	23.44	24.92	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	23.41	24.86	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	23.37	25.05	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	23.35	24.98	/	Pass

3.1.5 30_S_30M_NTNV

5G NR n78a 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	3750	Outer_Full	27.09	28.68	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	27.08	29.04	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	27.05	29.00	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	27.24	28.80	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	27.03	29.13	/	Pass
CP-OFDM QPSK	3750	Outer_Full	28.04	30.07	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	28.08	29.91	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	28.13	30.02	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	28.12	29.90	/	Pass

3.1.6 30_S_40M_NTNV

5G NR n78a 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	3750	Outer_Full	35.93	38.43	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	35.98	38.54	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	36.13	38.49	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	36.24	38.55	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	36.07	38.47	/	Pass
CP-OFDM QPSK	3750	Outer_Full	38.09	40.25	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	38.10	40.45	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	38.16	40.69	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	38.20	40.58	/	Pass

3.1.7 30_S_50M_NTNV

5G NR n78a SCS=30kHz SISO 50MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	46.21	49.25	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	46.13	49.11	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	46.22	49.03	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	46.15	49.07	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	46.07	49.07	/	Pass
CP-OFDM QPSK	3750	Outer_Full	47.90	50.97	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	47.92	50.80	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	47.89	51.02	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	48.07	50.80	/	Pass

3.1.8 30_S_60M_NTNV

5G NR n78a SCS=30kHz SISO 60MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	58.25	61.90	/	Pass

DFT-s-OFDM QPSK	3750	Outer Full	58.26	61.92	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer Full	58.20	61.90	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer Full	58.12	61.66	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer Full	58.12	62.20	/	Pass
CP-OFDM QPSK	3750	Outer Full	57.73	62.31	/	Pass
CP-OFDM 16 QAM	3750	Outer Full	58.05	62.11	/	Pass
CP-OFDM 64 QAM	3750	Outer Full	57.96	61.59	/	Pass
CP-OFDM 256 QAM	3750	Outer Full	58.17	62.12	/	Pass

3.1.9 30_S_70M_NTNV

Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer Full	64.57	69.12	/	Pass
DFT-s-OFDM QPSK	3750	Outer Full	64.62	69.07	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer Full	64.45	69.45	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer Full	64.87	69.61	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer Full	64.61	69.08	/	Pass
CP-OFDM QPSK	3750	Outer Full	68.11	72.31	/	Pass
CP-OFDM 16 QAM	3750	Outer Full	67.89	72.39	/	Pass
CP-OFDM 64 QAM	3750	Outer Full	67.77	72.98	/	Pass
CP-OFDM 256 QAM	3750	Outer Full	67.80	72.25	/	Pass

3.1.10 30_S_80M_NTNV

5G NR n78a SCS=30kHz SISO 80MHz NTNv						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer Full	77.56	82.28	/	Pass
DFT-s-OFDM QPSK	3750	Outer Full	77.67	82.78	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer Full	77.92	82.90	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer Full	77.59	82.86	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer Full	77.85	82.74	/	Pass
CP-OFDM QPSK	3750	Outer Full	77.96	83.11	/	Pass
CP-OFDM 16 QAM	3750	Outer Full	77.94	82.91	/	Pass
CP-OFDM 64 QAM	3750	Outer Full	77.63	82.81	/	Pass
CP-OFDM 256 QAM	3750	Outer Full	78.54	83.15	/	Pass

3.1.11 30 S 90M NTNV

5G NR n78a SCS=30kHz SISO 90MHz NTNv						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer Full	87.11	92.71	/	Pass
DFT-s-OFDM QPSK	3750	Outer Full	87.16	92.77	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer Full	87.27	92.92	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer Full	87.50	93.00	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer Full	87.20	92.83	/	Pass
CP-OFDM QPSK	3750	Outer Full	87.36	93.38	/	Pass
CP-OFDM 16 QAM	3750	Outer Full	87.75	93.24	/	Pass
CP-OFDM 64 QAM	3750	Outer Full	87.94	93.39	/	Pass
CP-OFDM 256 QAM	3750	Outer Full	88.16	93.54	/	Pass

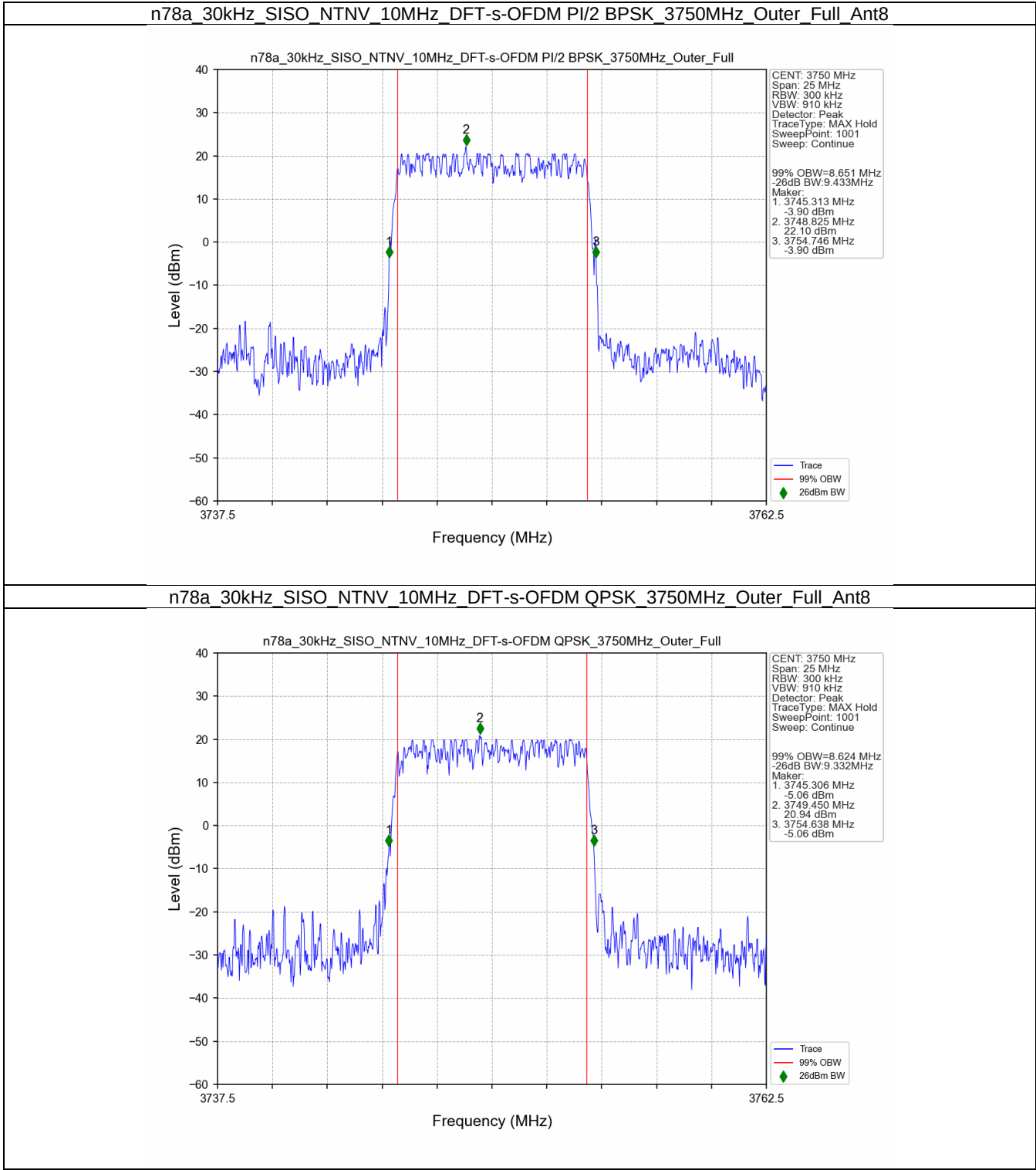
3.1.12 30 S 100M NTNV

5G NR n78a SCS=30kHz SISO 100MHz NTN

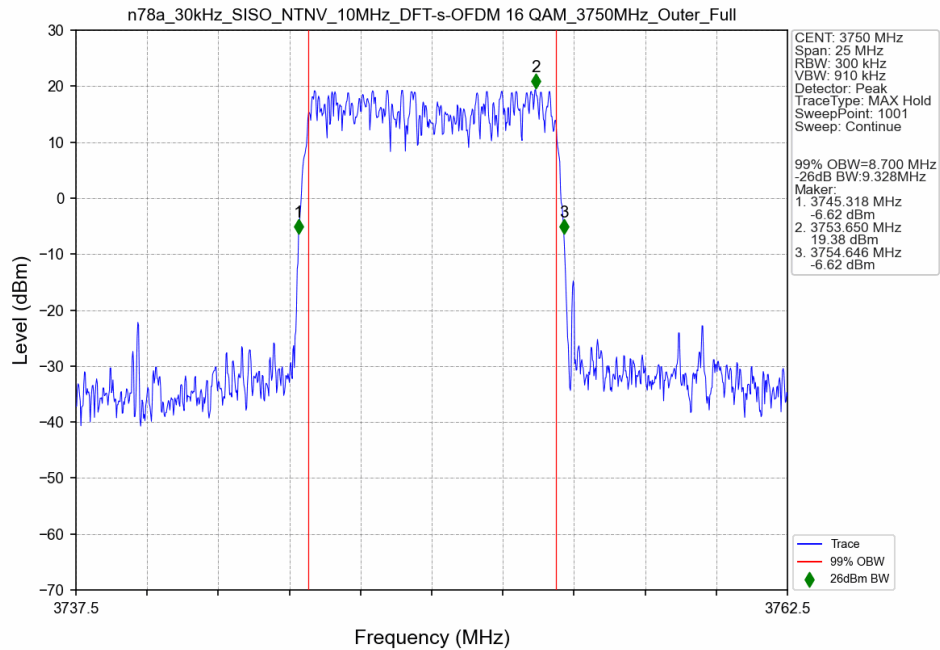
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer Full	96.83	103.13	/	Pass
DFT-s-OFDM QPSK	3750	Outer Full	96.86	103.07	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer Full	97.33	103.30	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer Full	97.26	103.46	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer Full	97.08	103.79	/	Pass
CP-OFDM QPSK	3750	Outer Full	98.19	104.19	/	Pass
CP-OFDM 16 QAM	3750	Outer Full	98.21	104.61	/	Pass
CP-OFDM 64 QAM	3750	Outer Full	98.12	104.95	/	Pass
CP-OFDM 256 QAM	3750	Outer Full	98.44	104.17	/	Pass

3.2 Test Graph

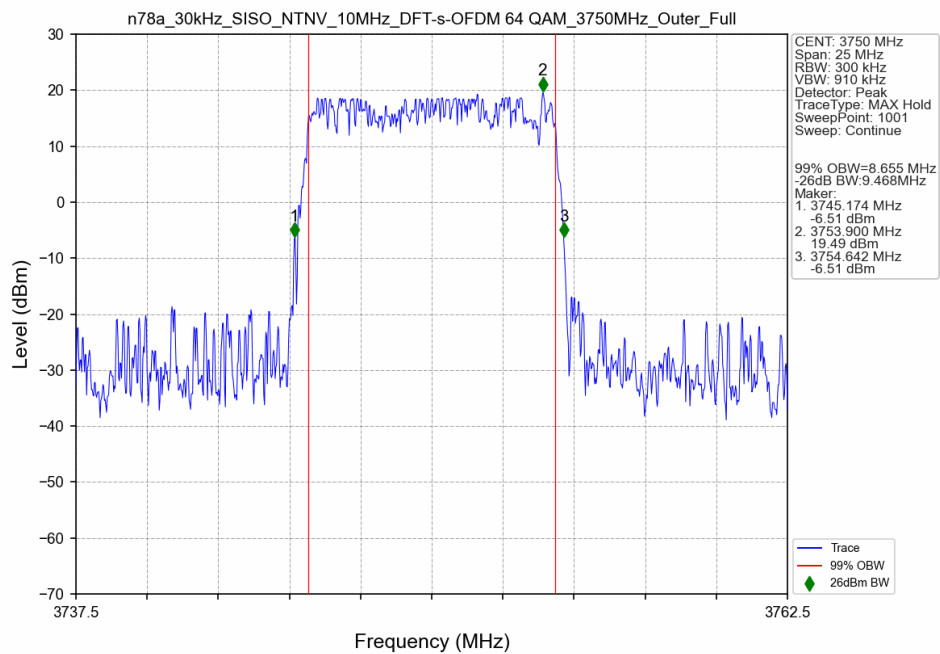
3.2.1 30_S_10M_NTNV



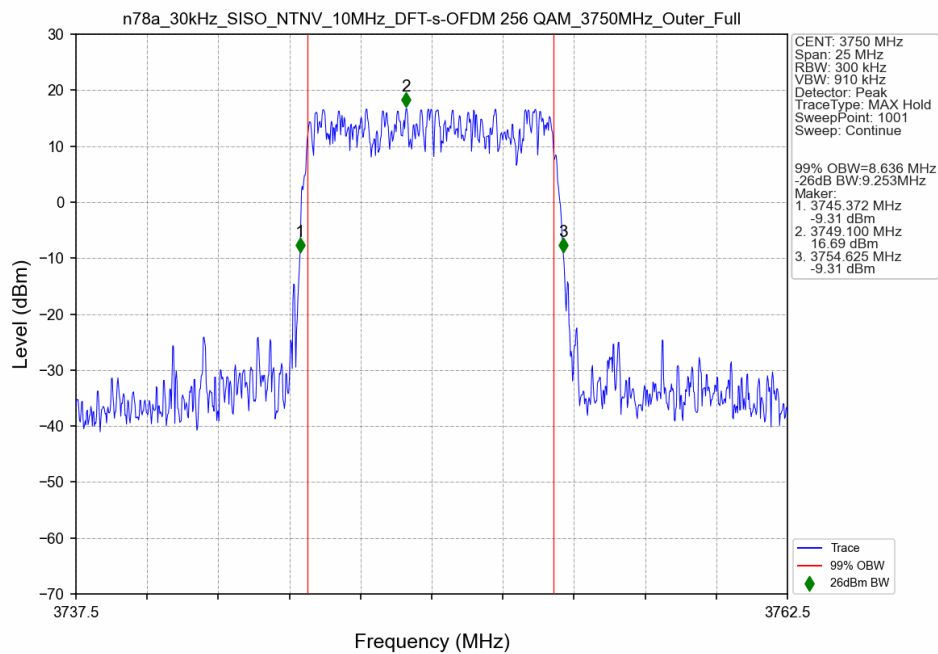
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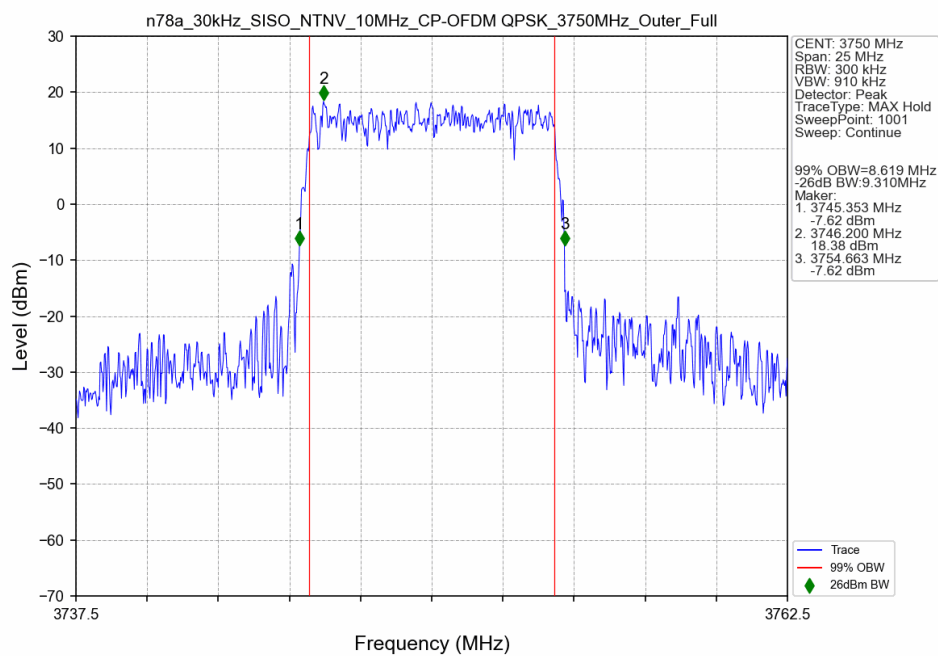
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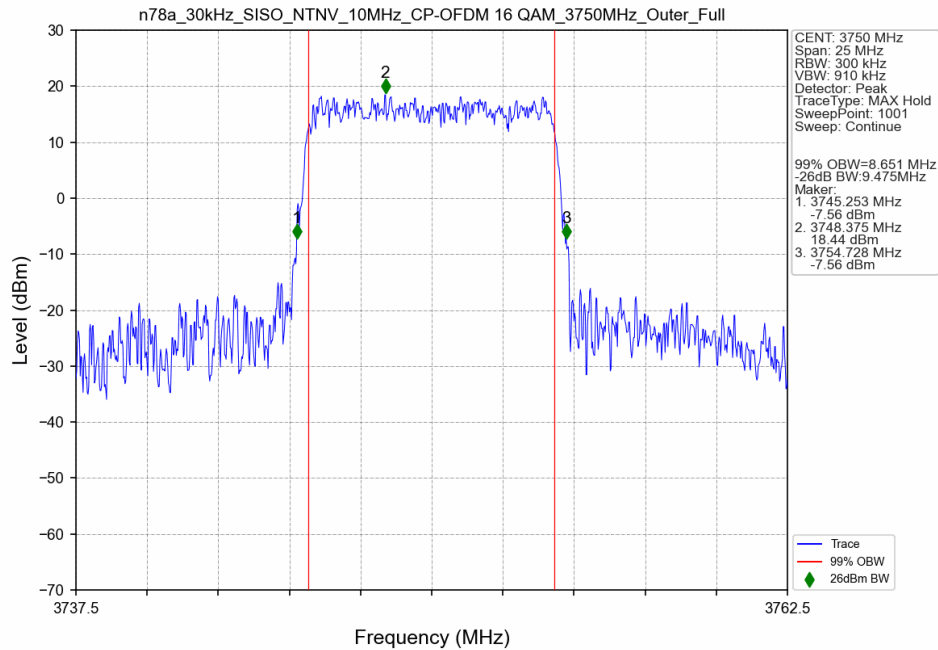
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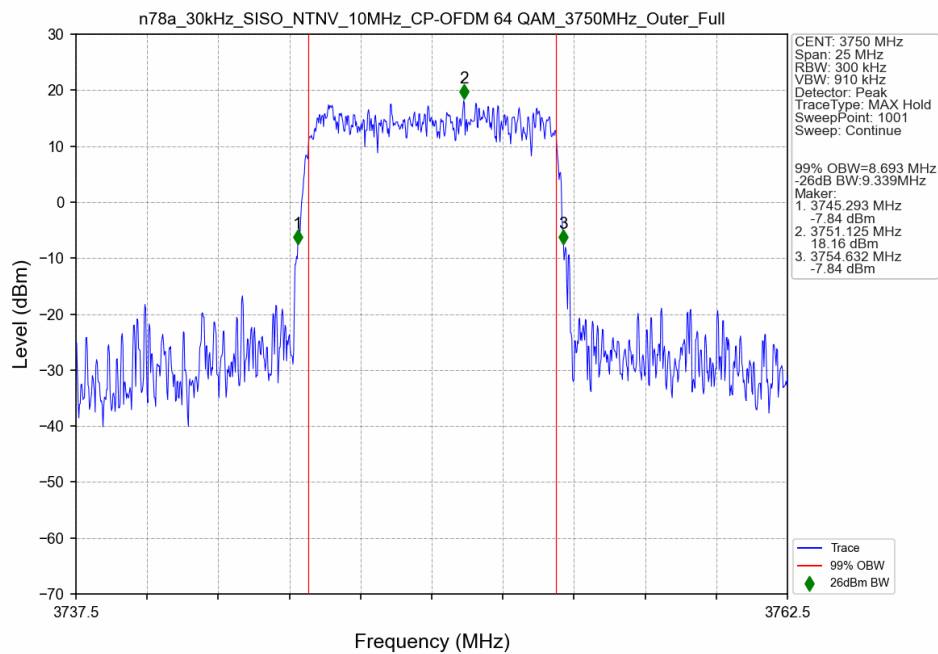
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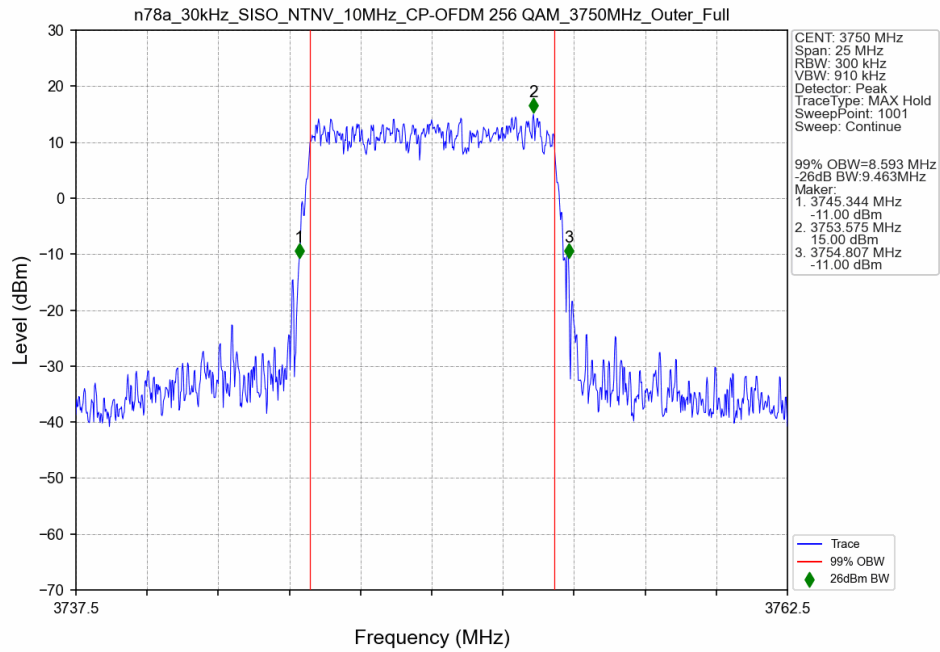
n78a_30kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 3750MHz_Outer_Full_Ant8



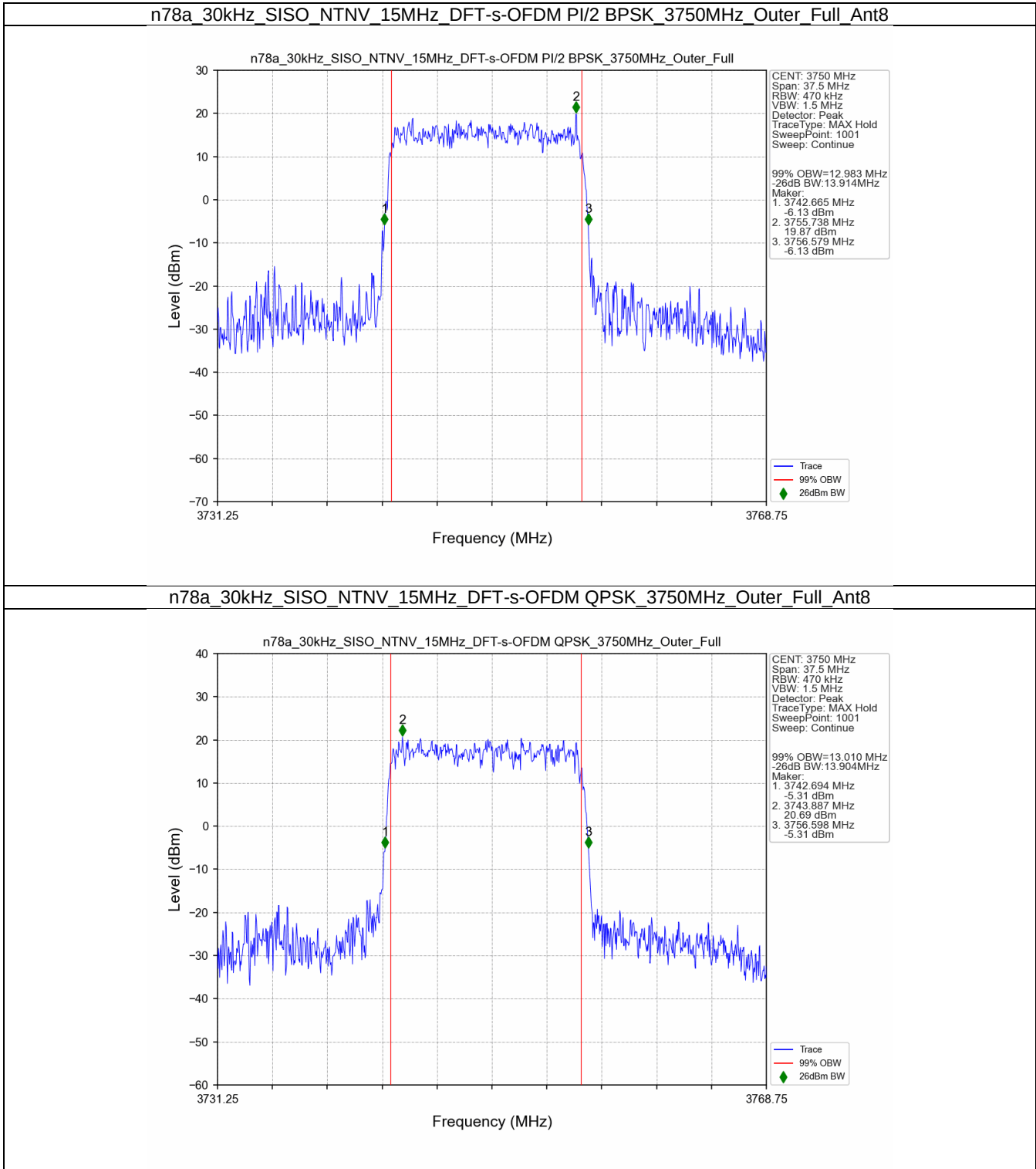
n78a_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 3750MHz_Outer_Full_Ant8



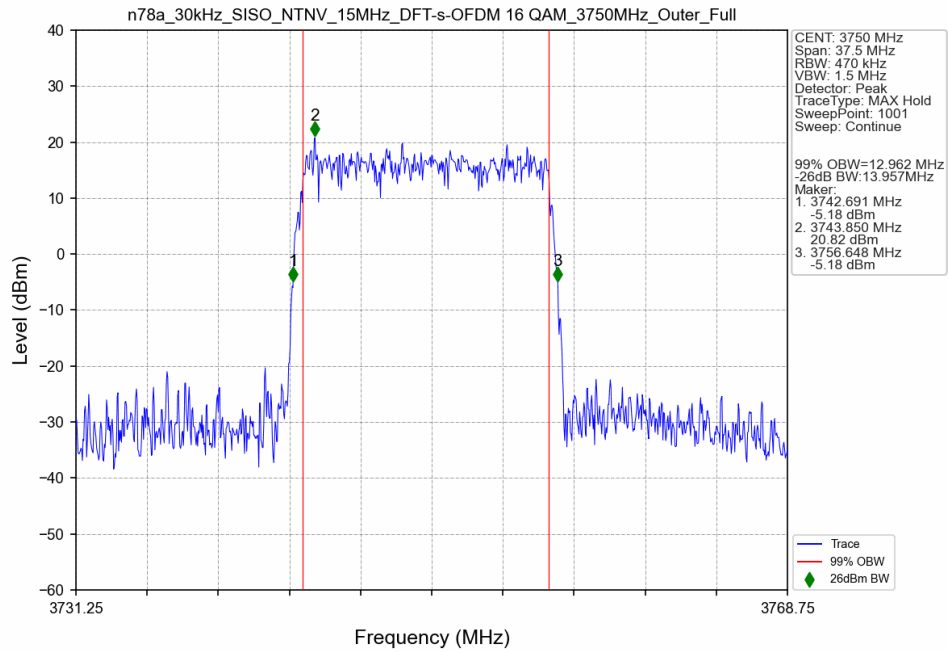
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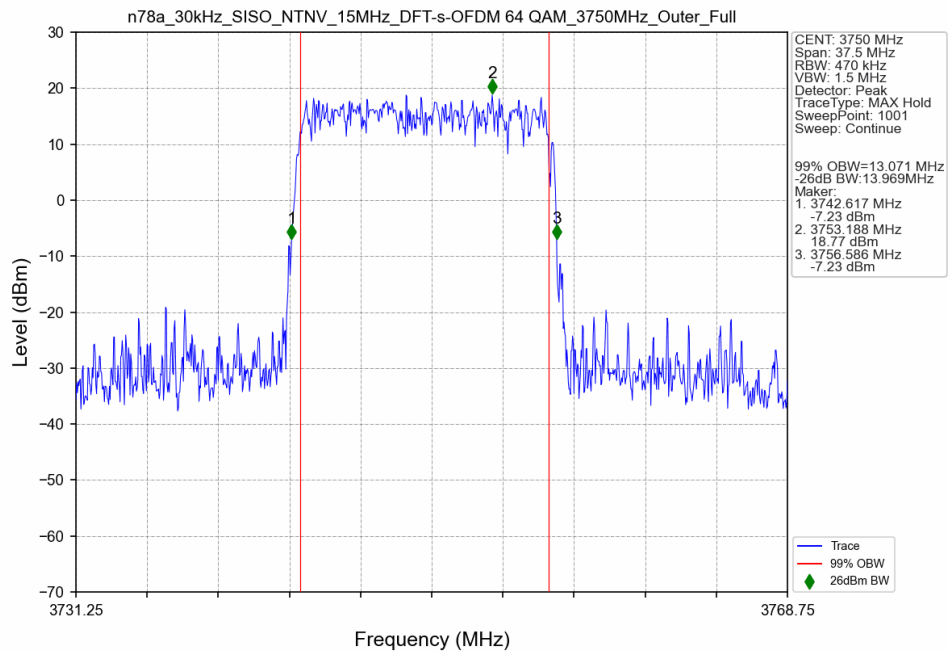
3.2.2 30_S_15M_NTNV



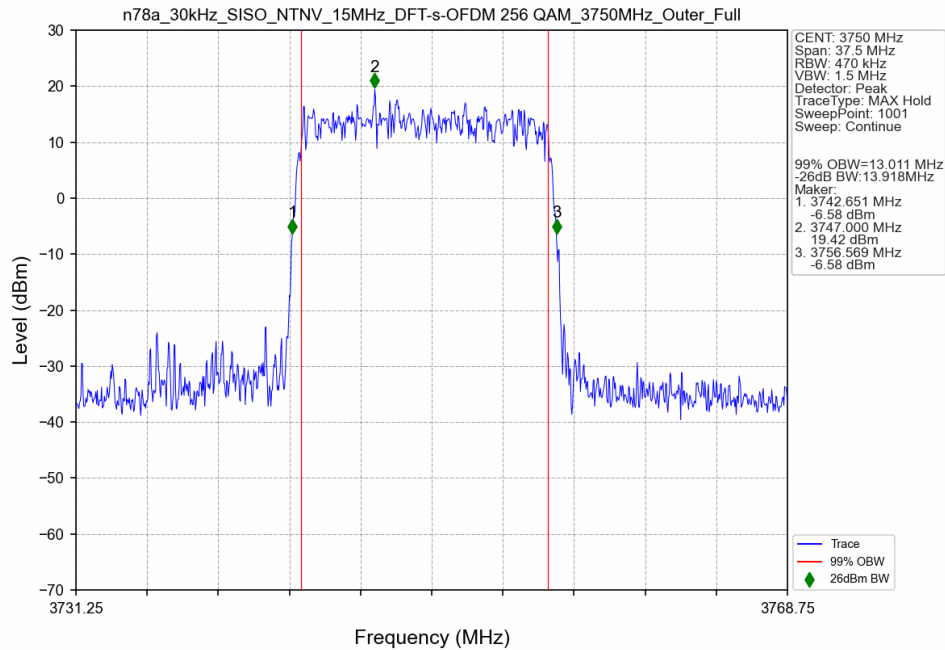
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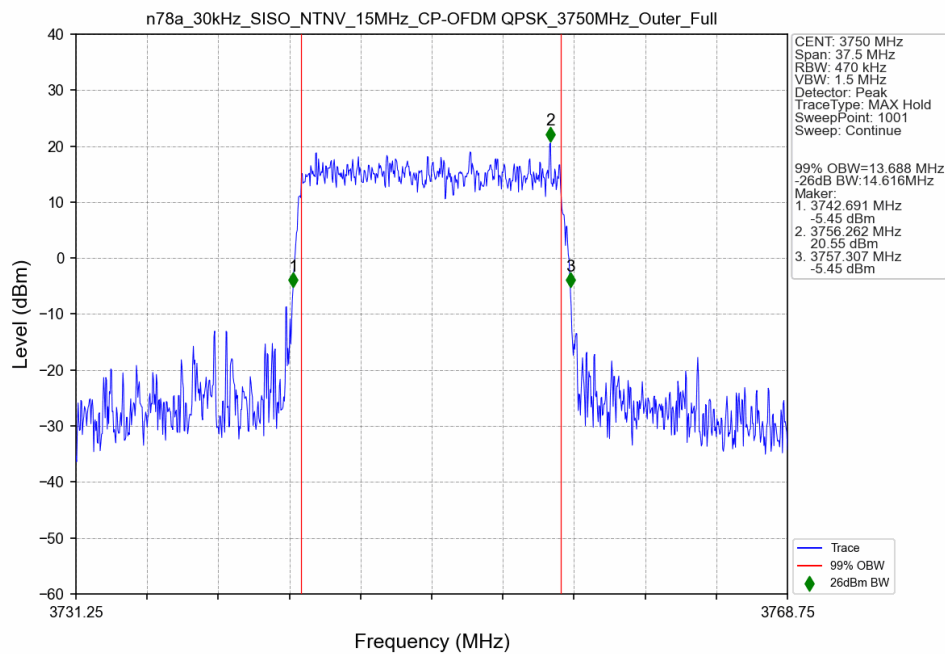
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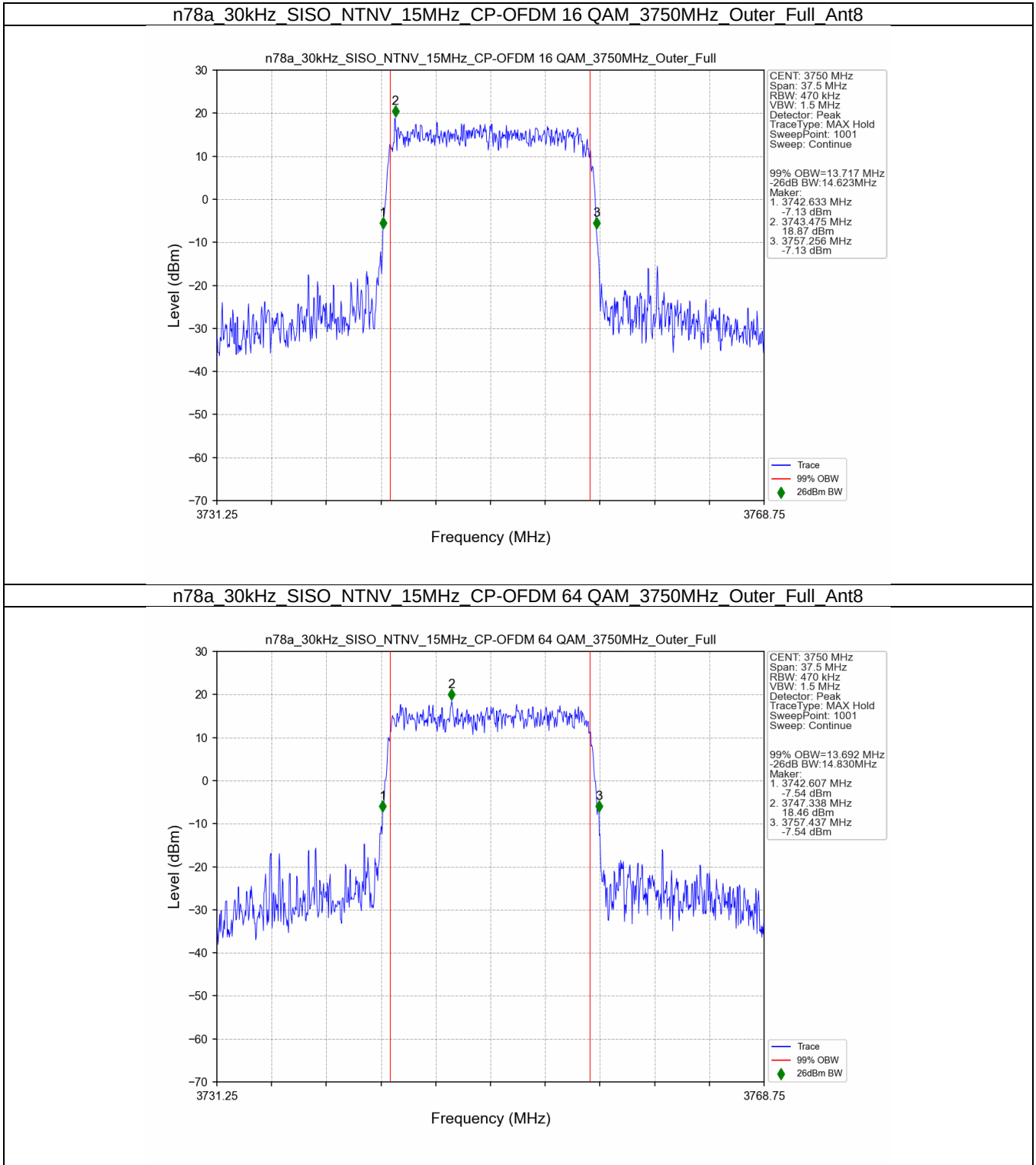


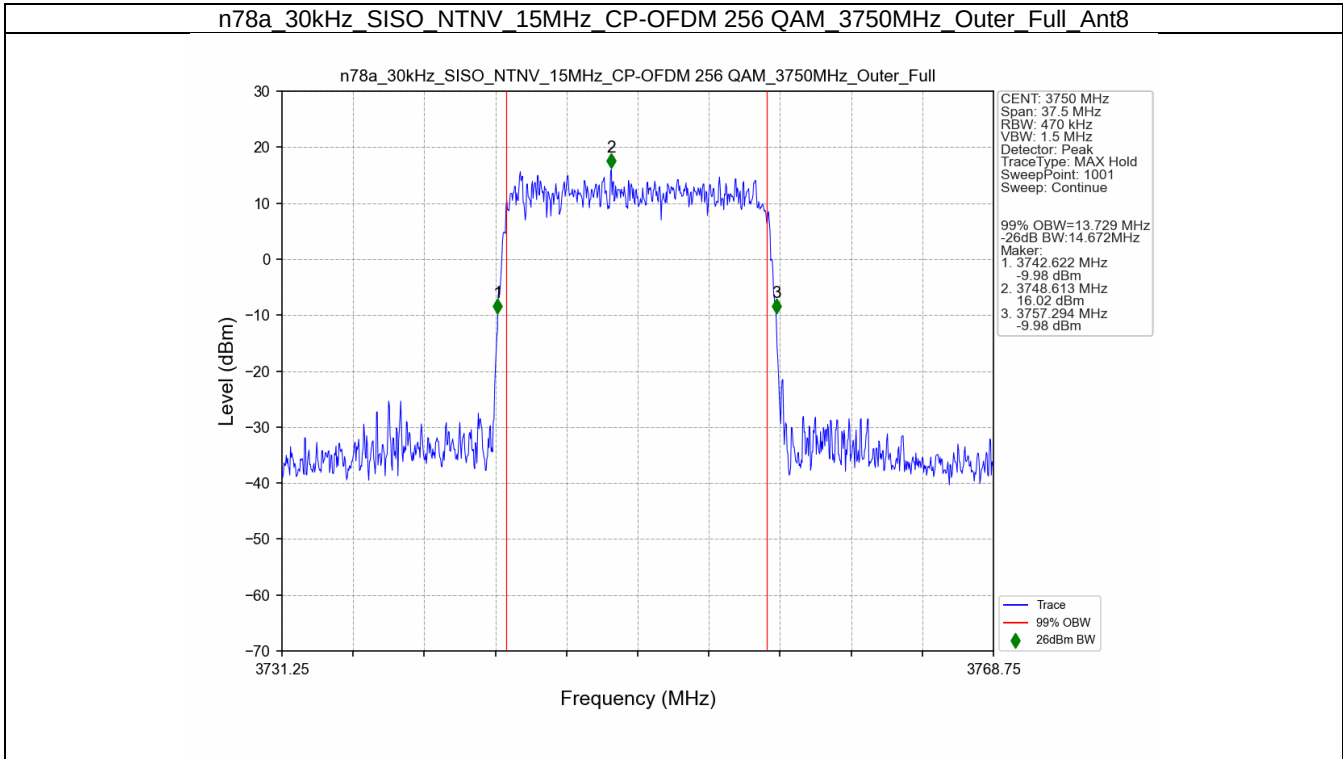
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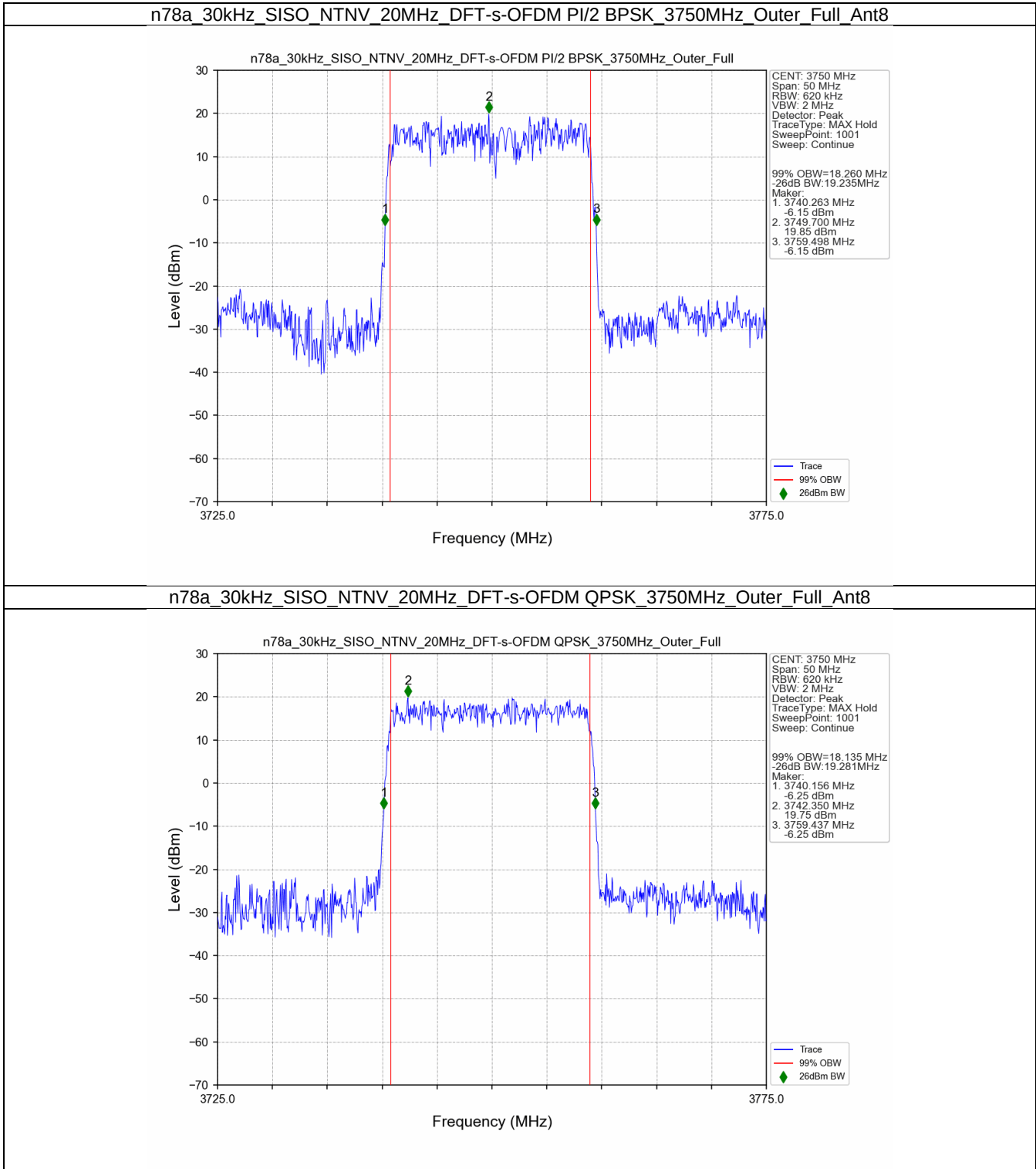
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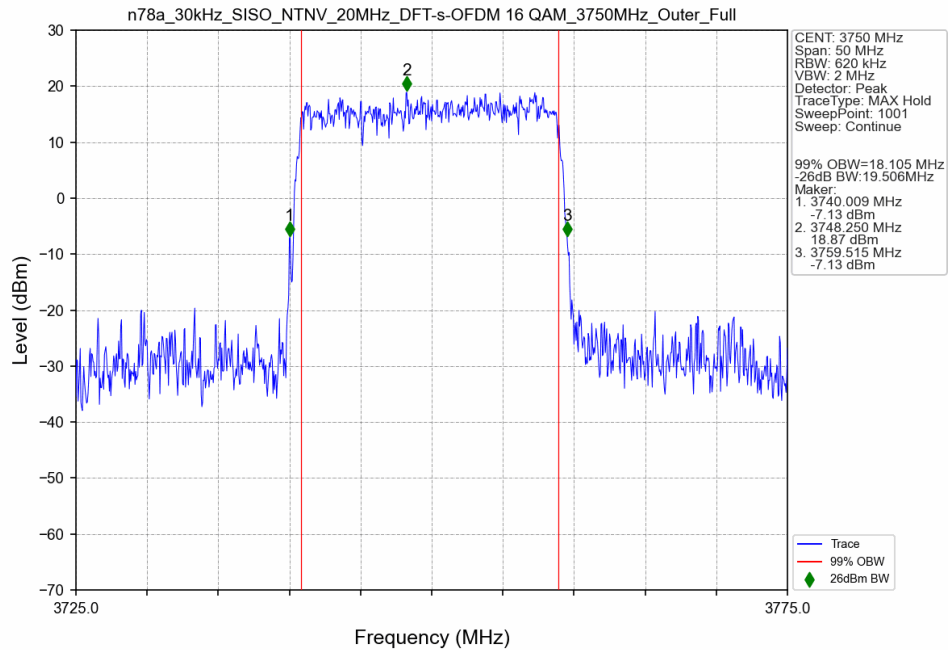




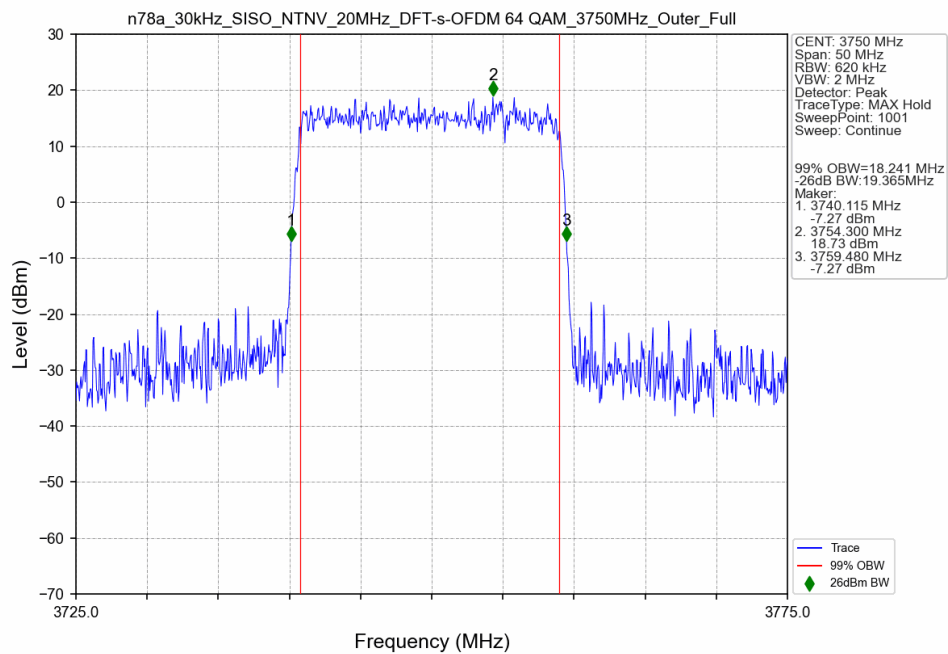
3.2.3 30_S_20M_NTNV



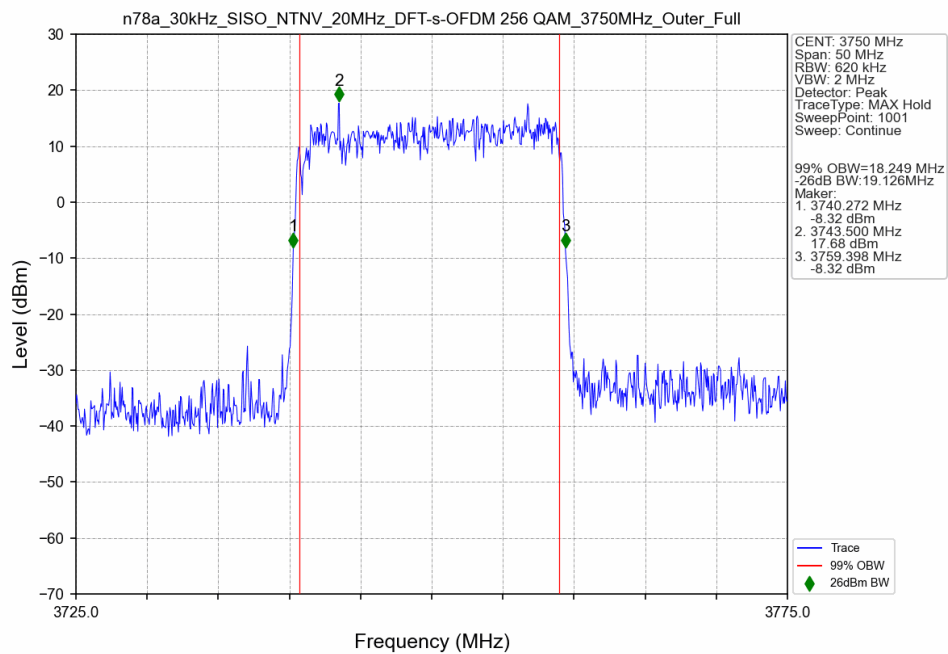
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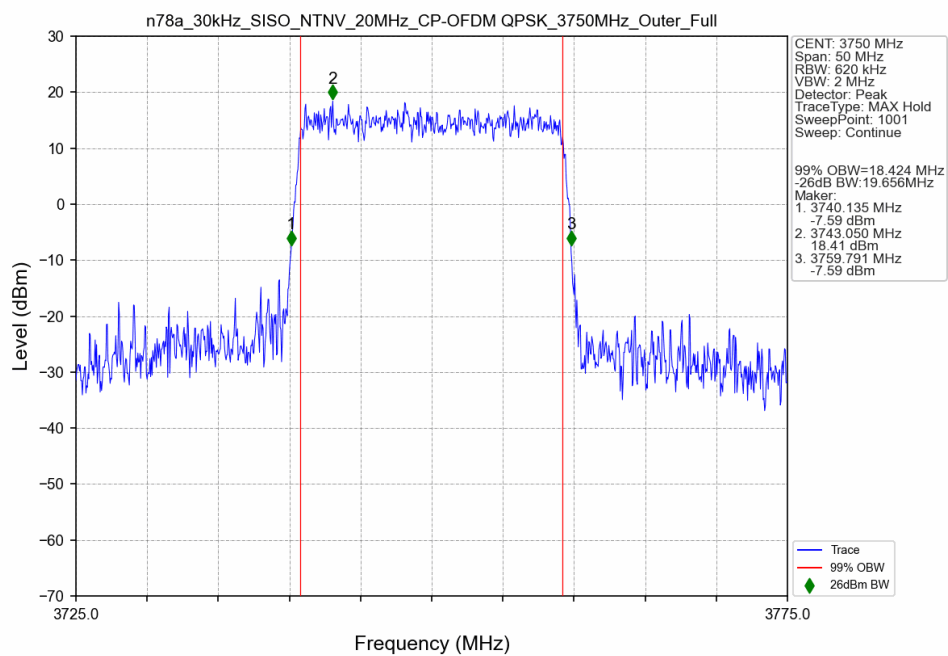
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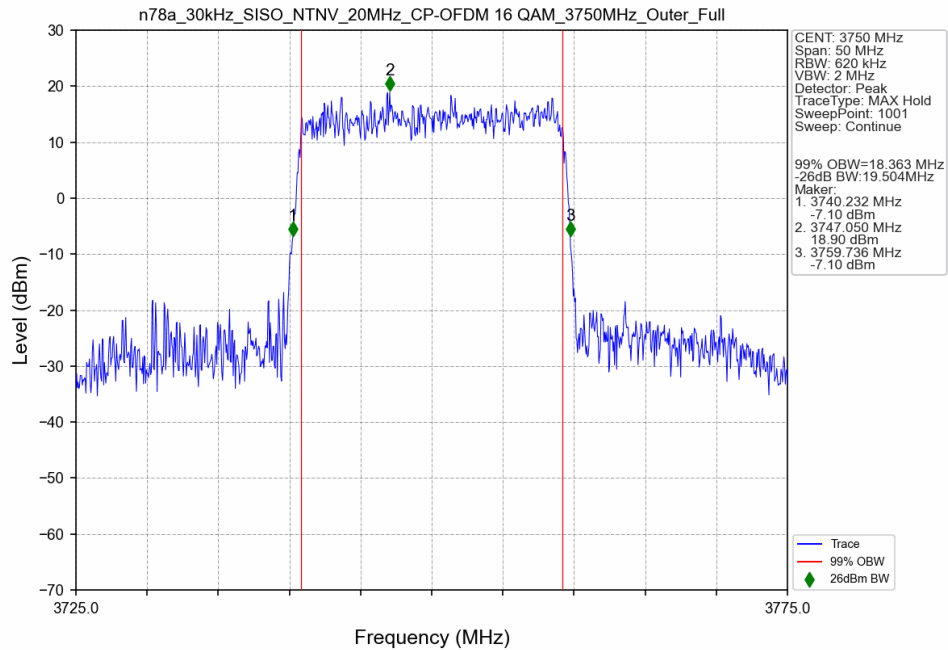
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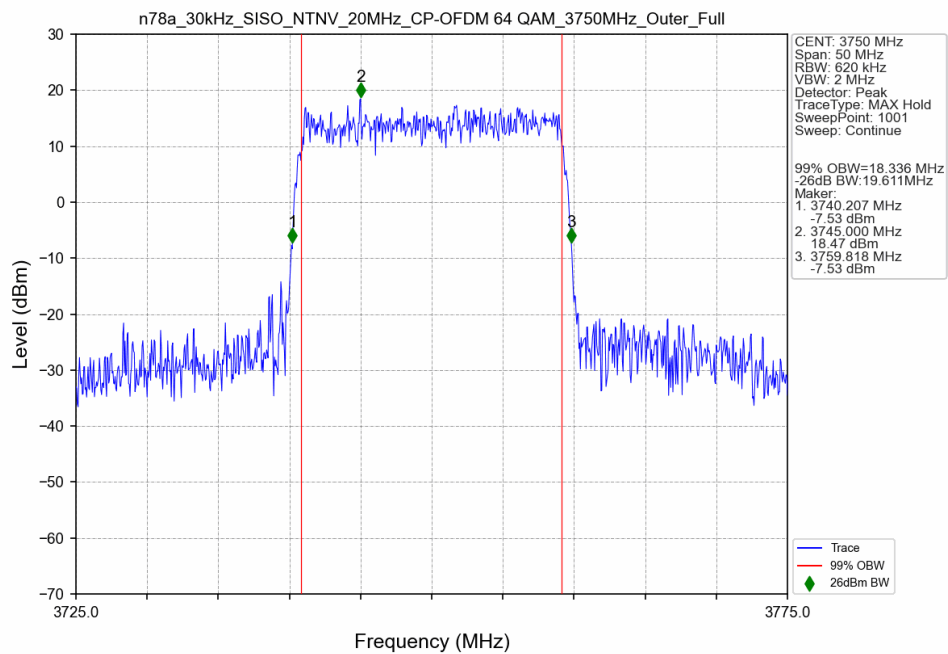
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n78a_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 3750MHz_Outer_Full_Ant8

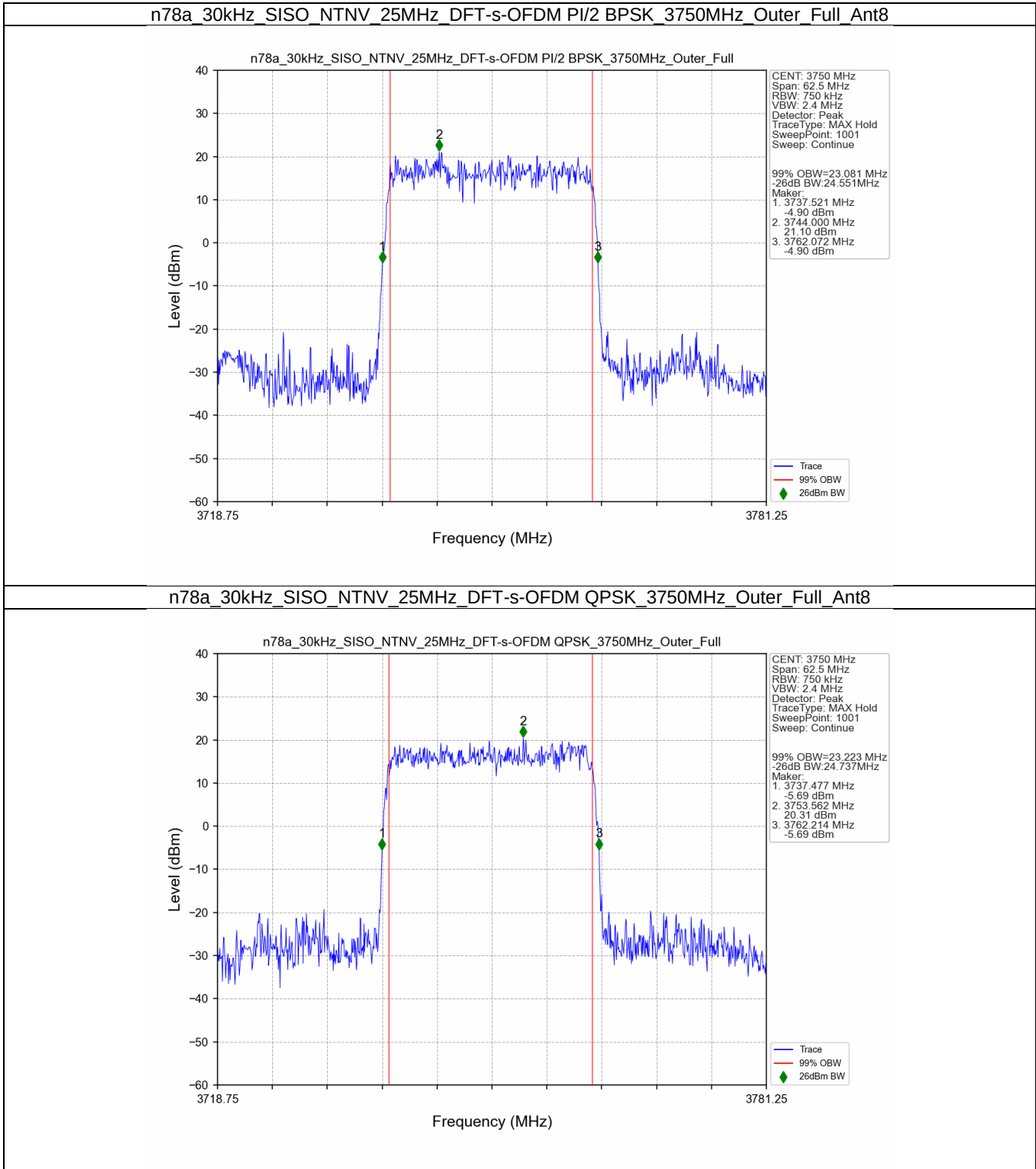


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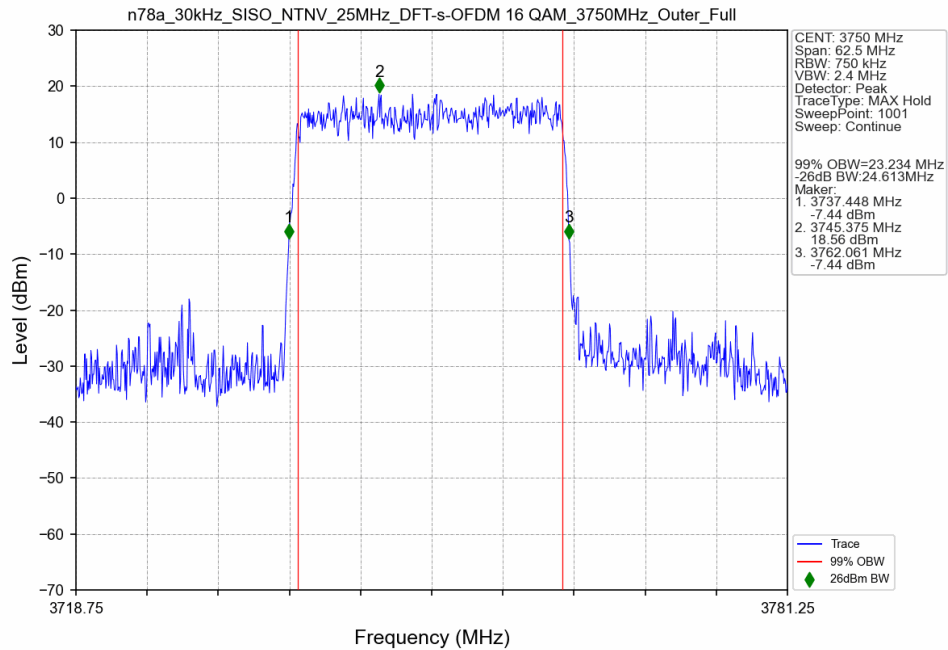




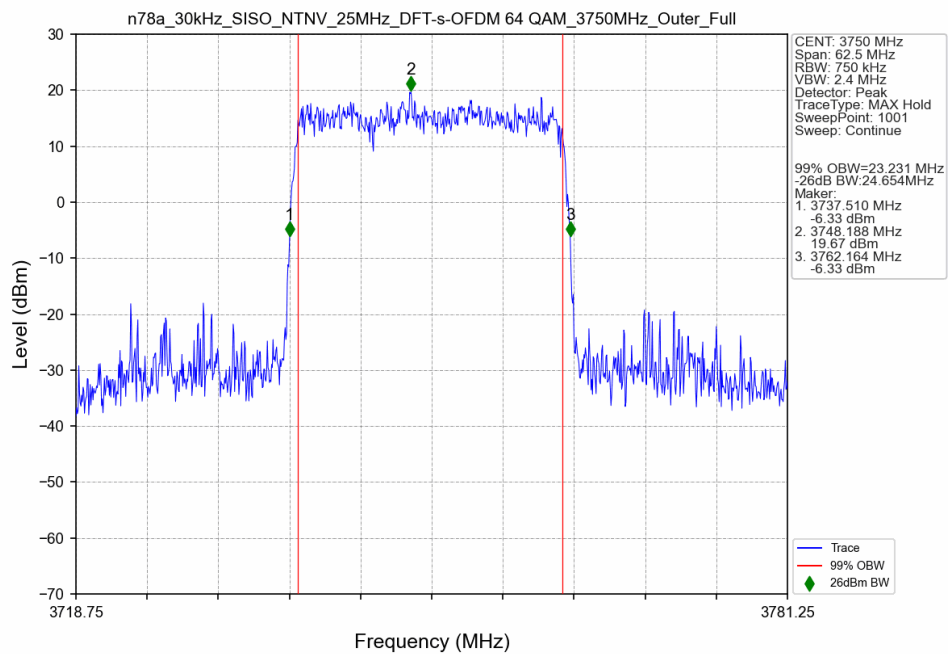
3.2.4 30_S_25M_NTNV



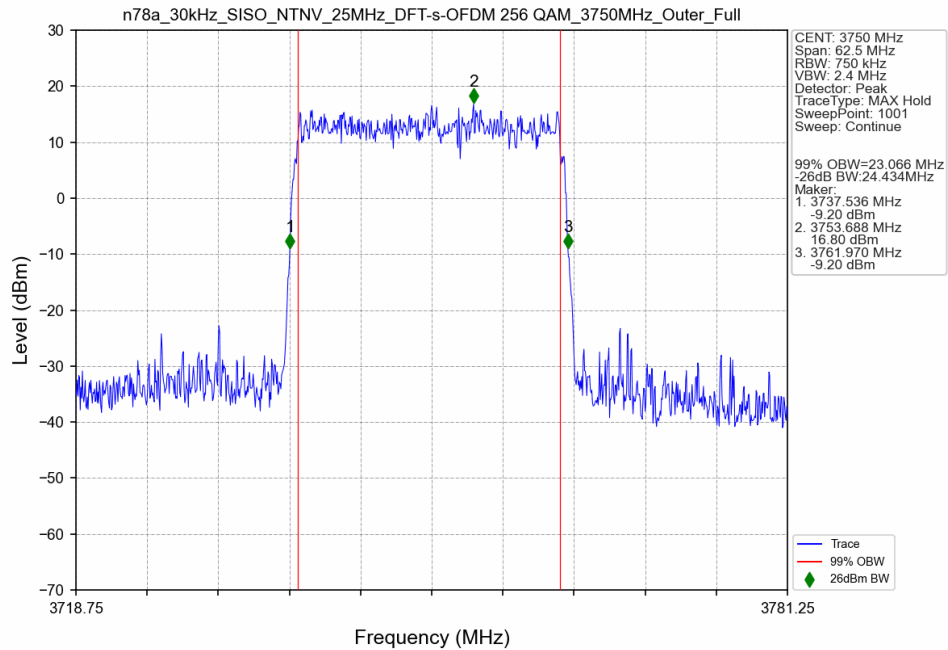
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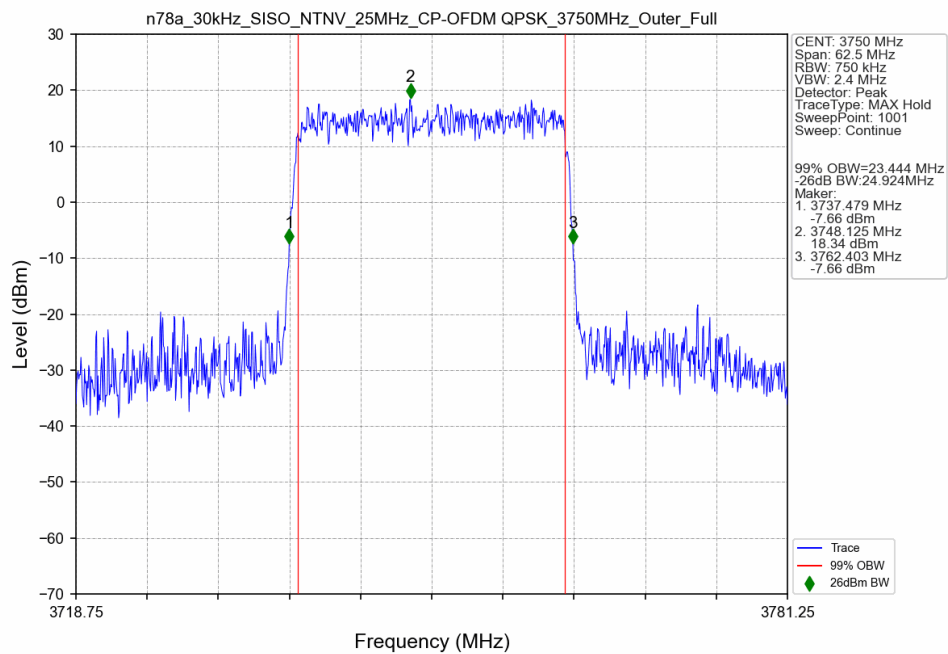
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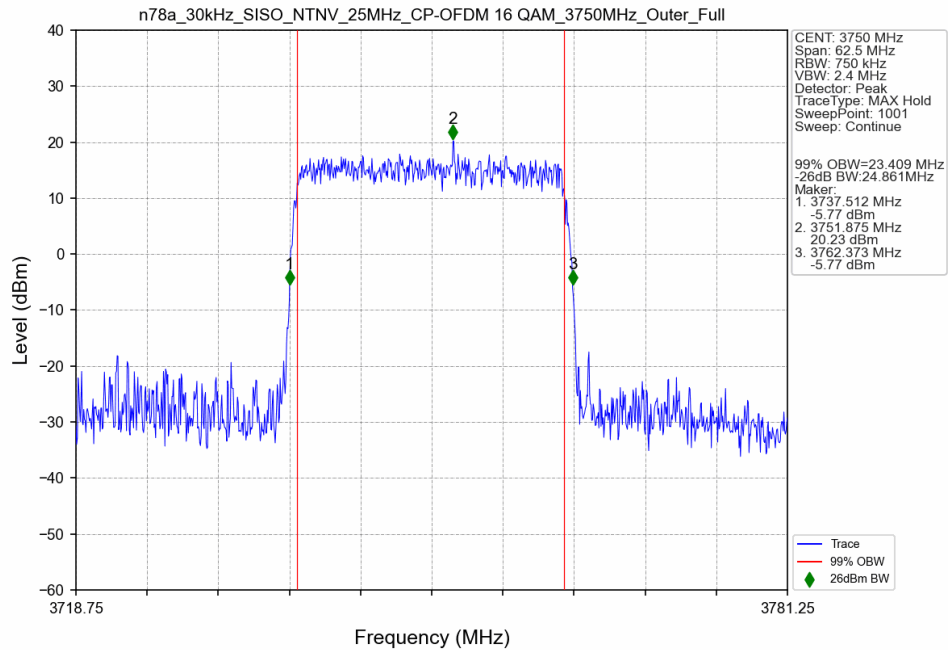
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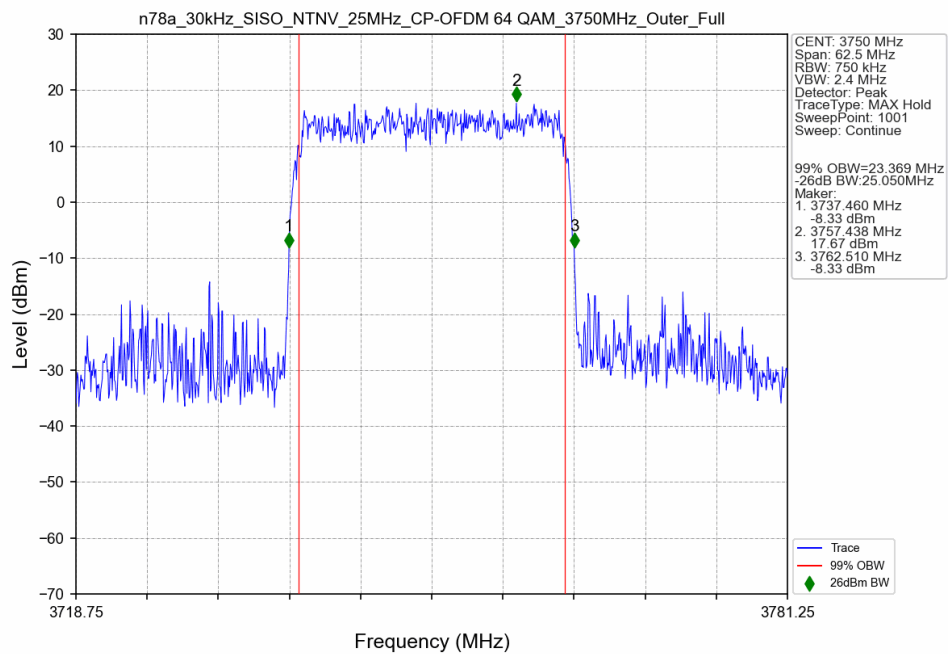
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n78a_30kHz_SISO_NTNV_25MHz_CP-OFDM 16 QAM 3750MHz_Outer_Full_Ant8

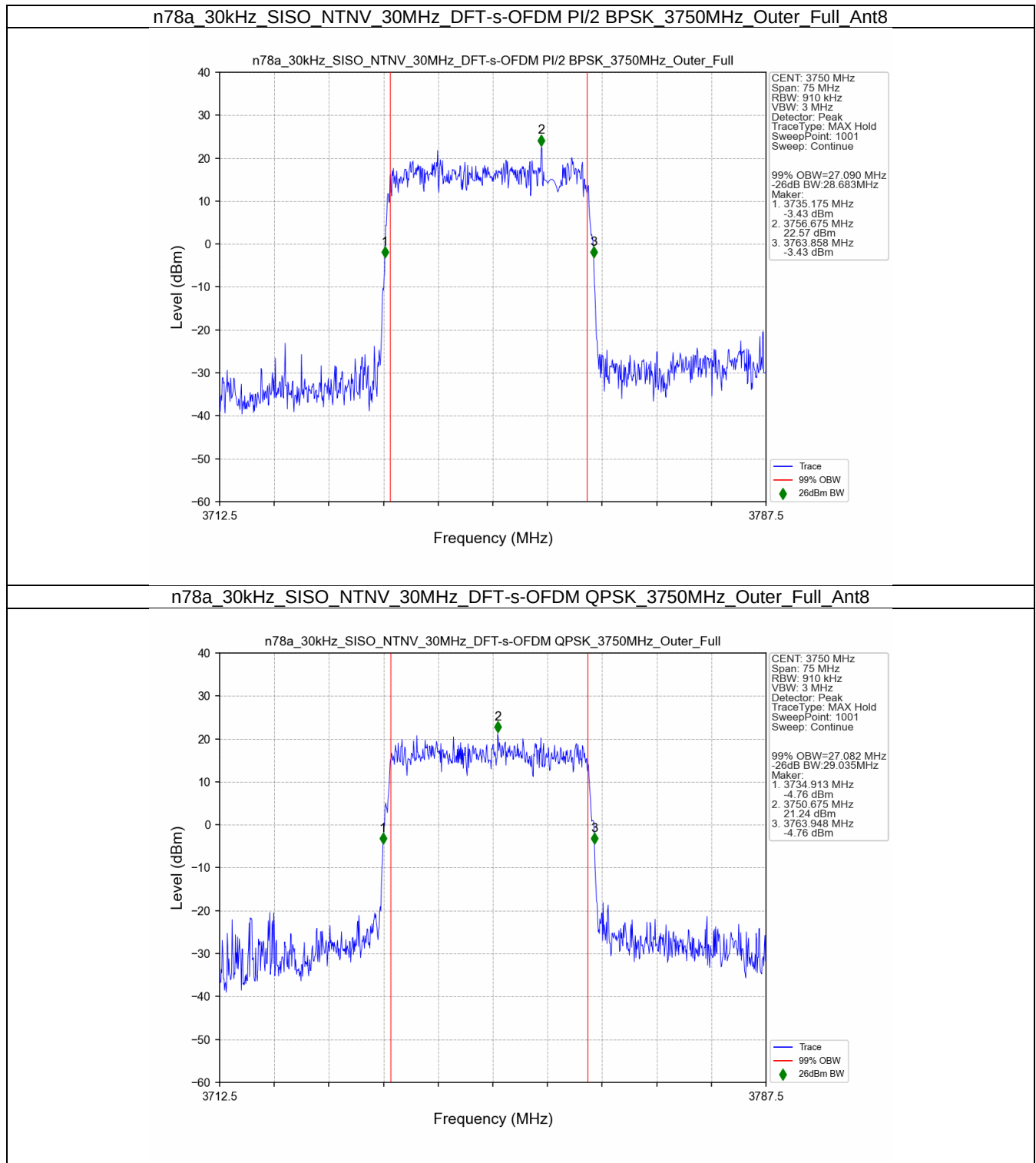


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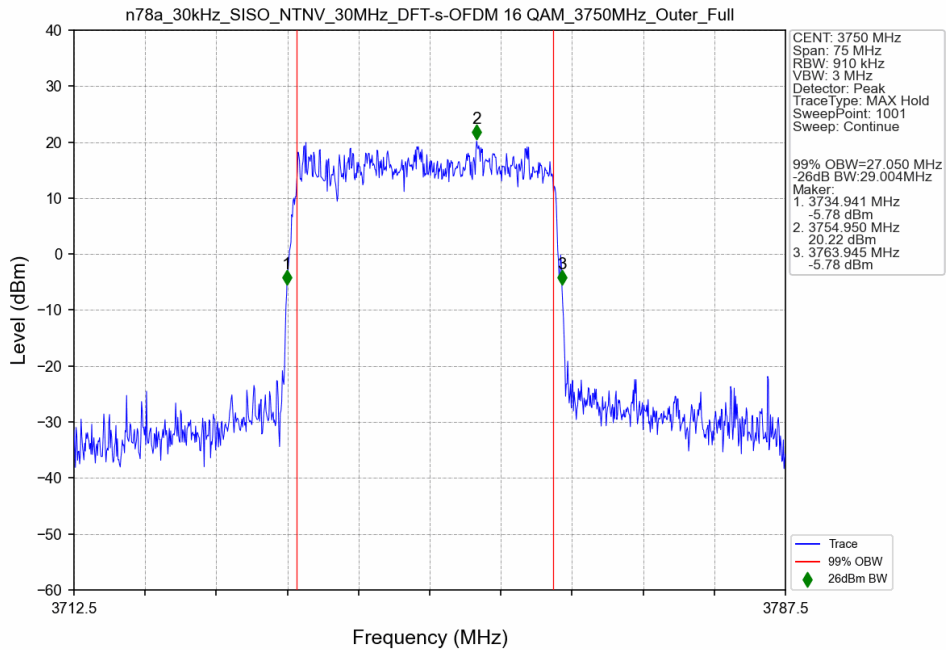




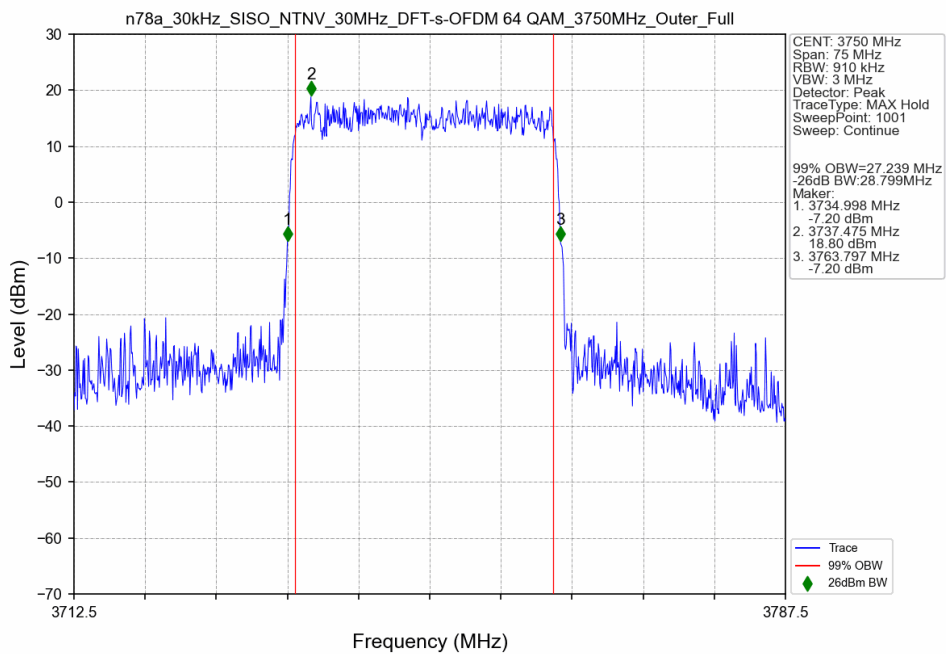
3.2.5 30_S_30M_NTNV



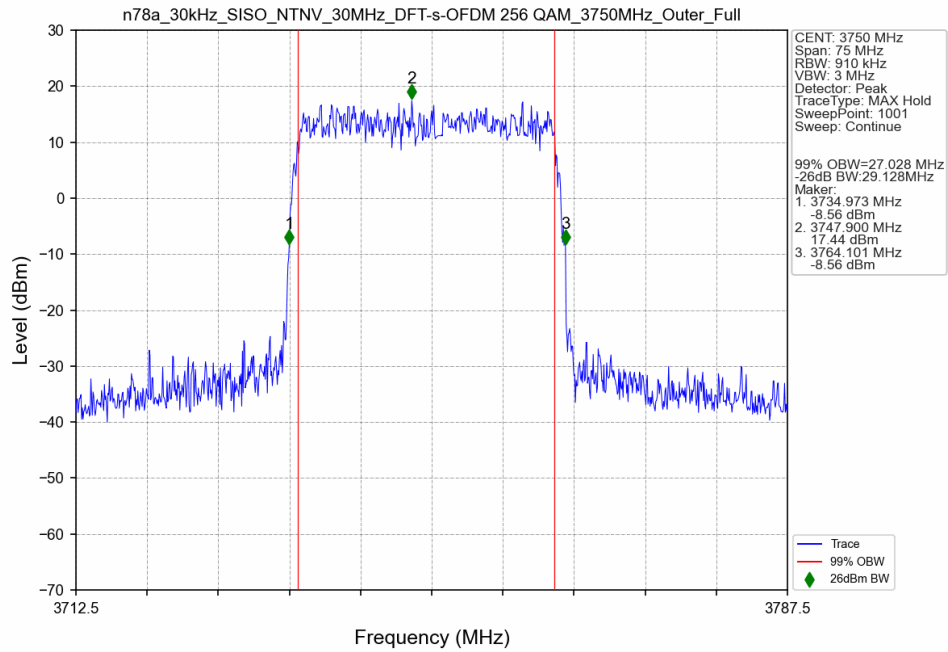
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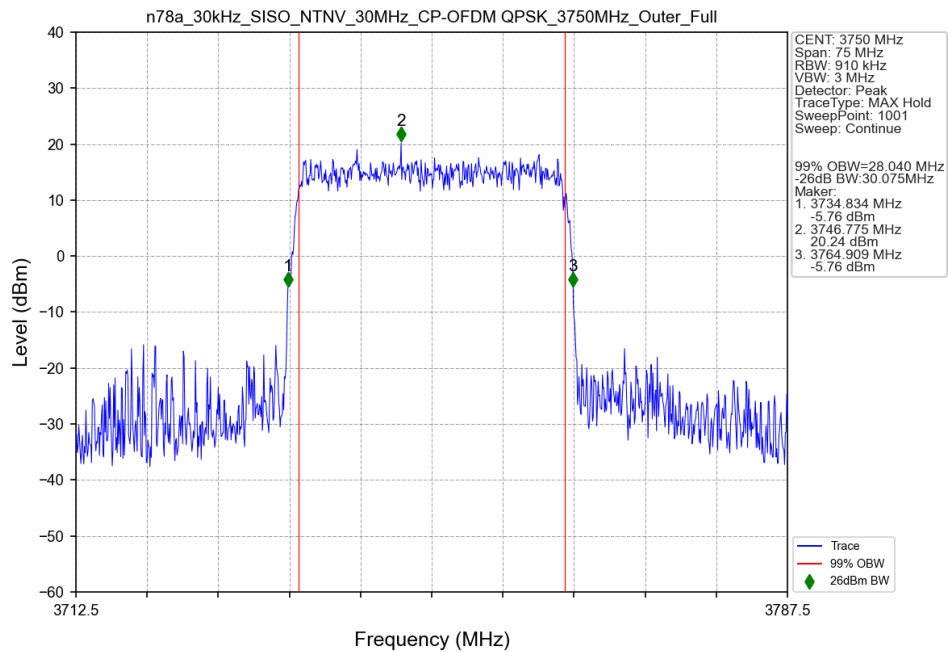
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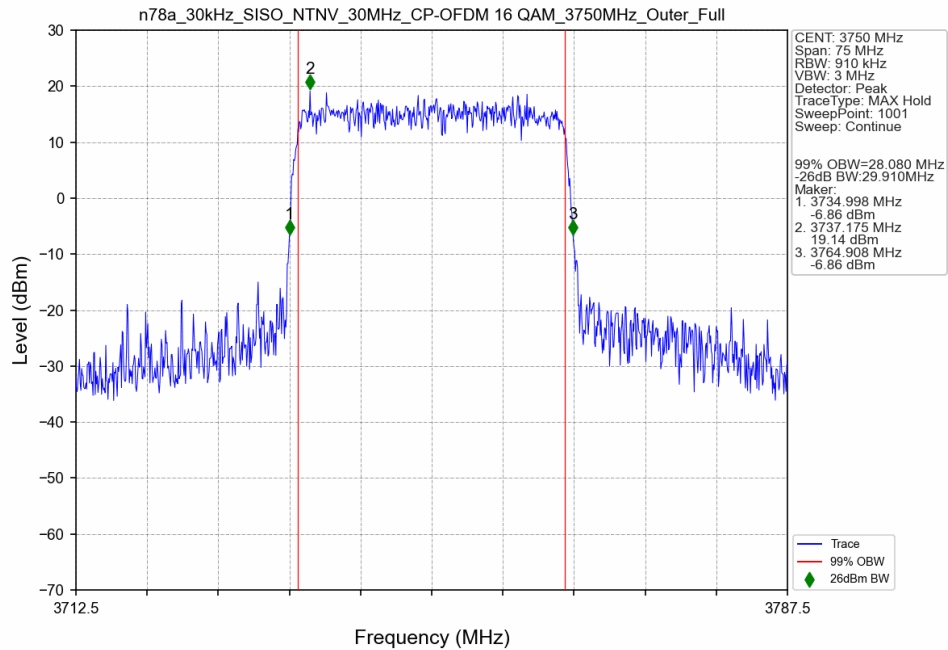
n78a_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM_3750MHz_Outer_Full_Ant8



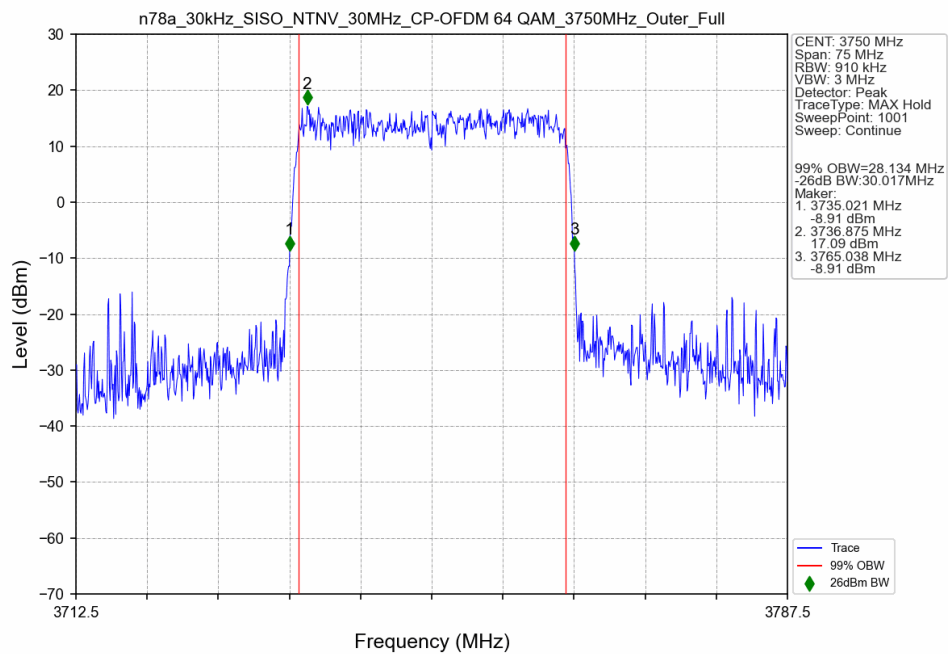
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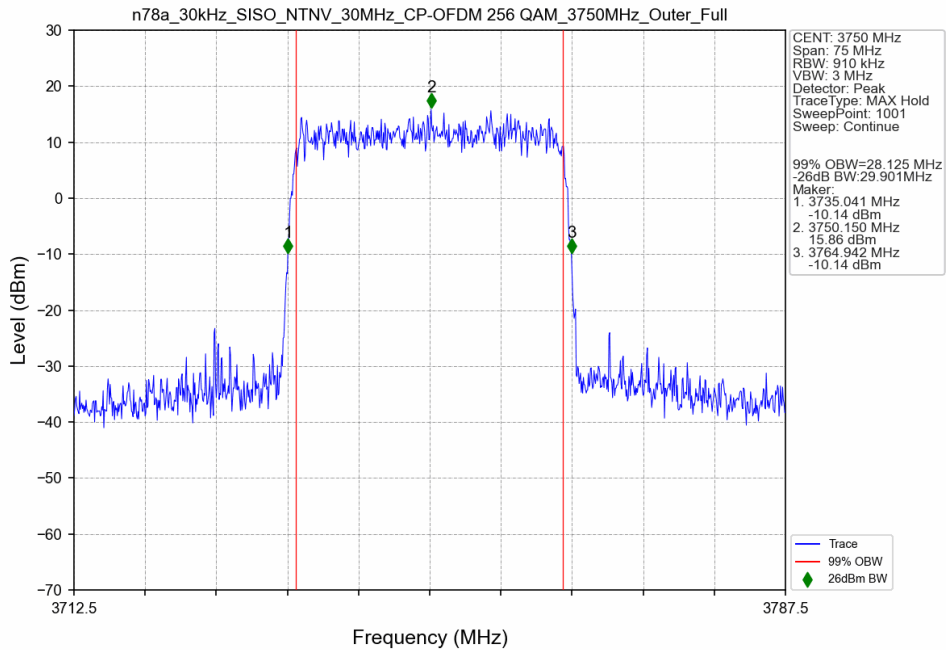
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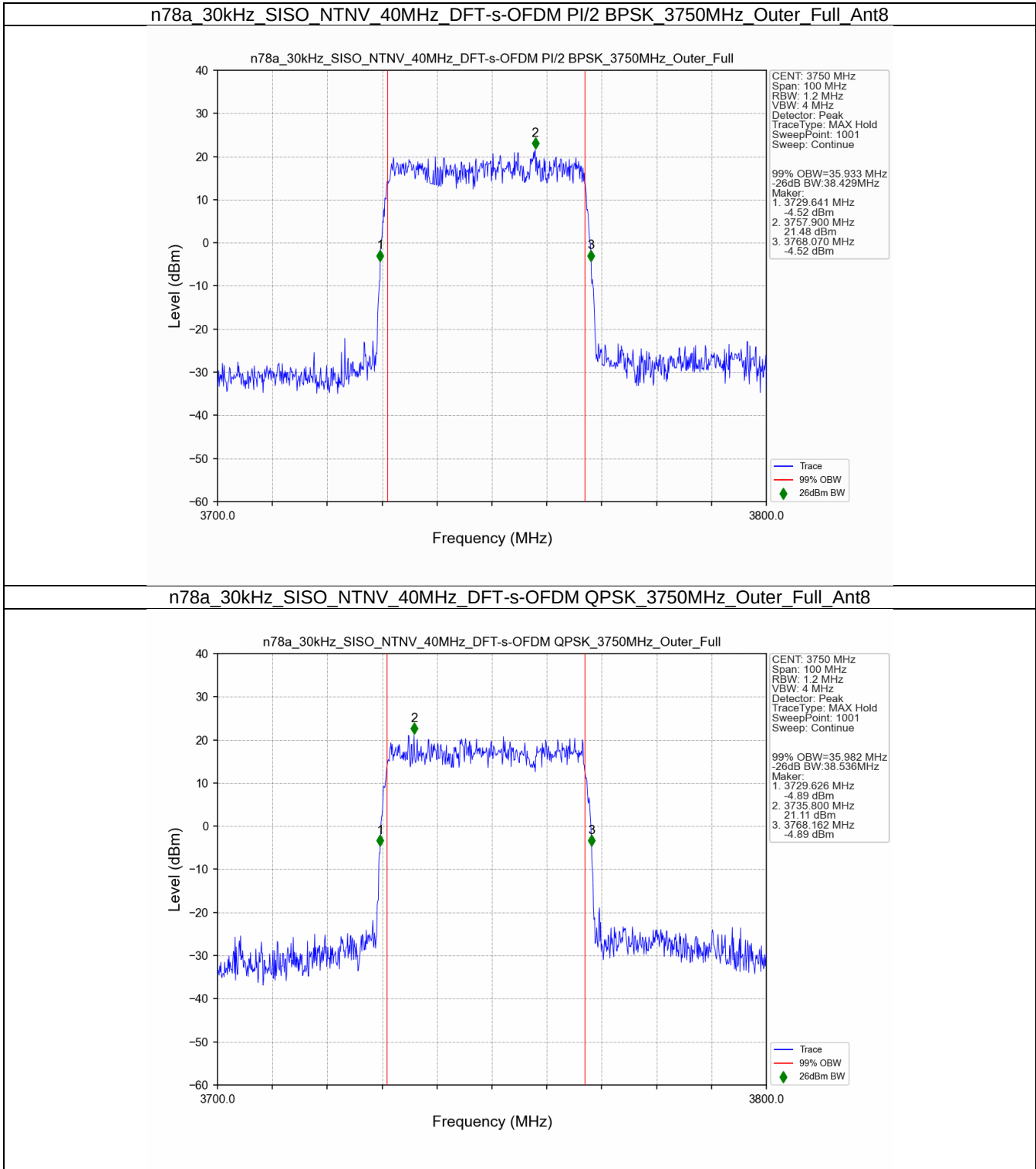
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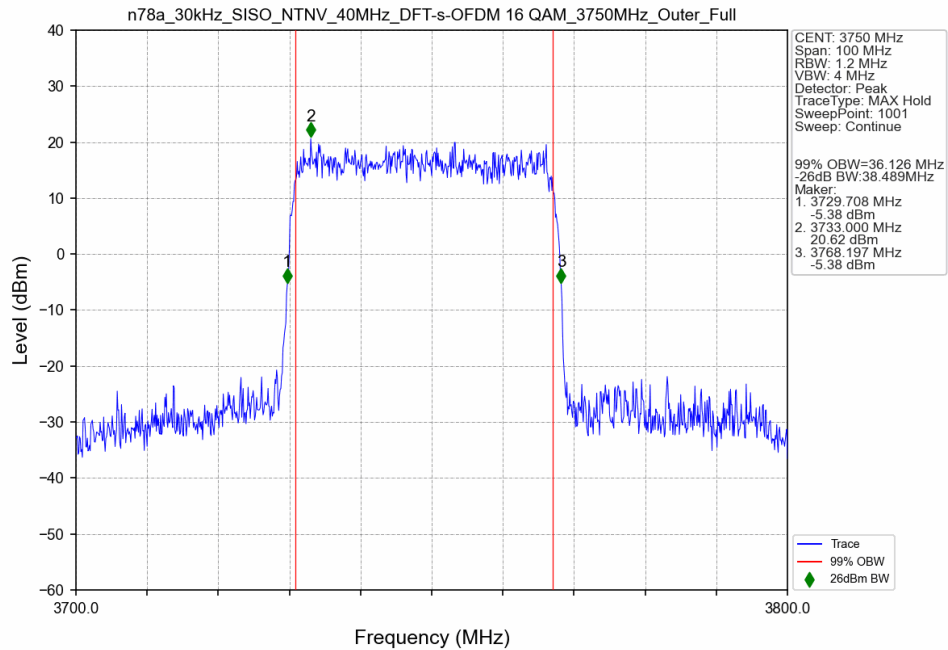
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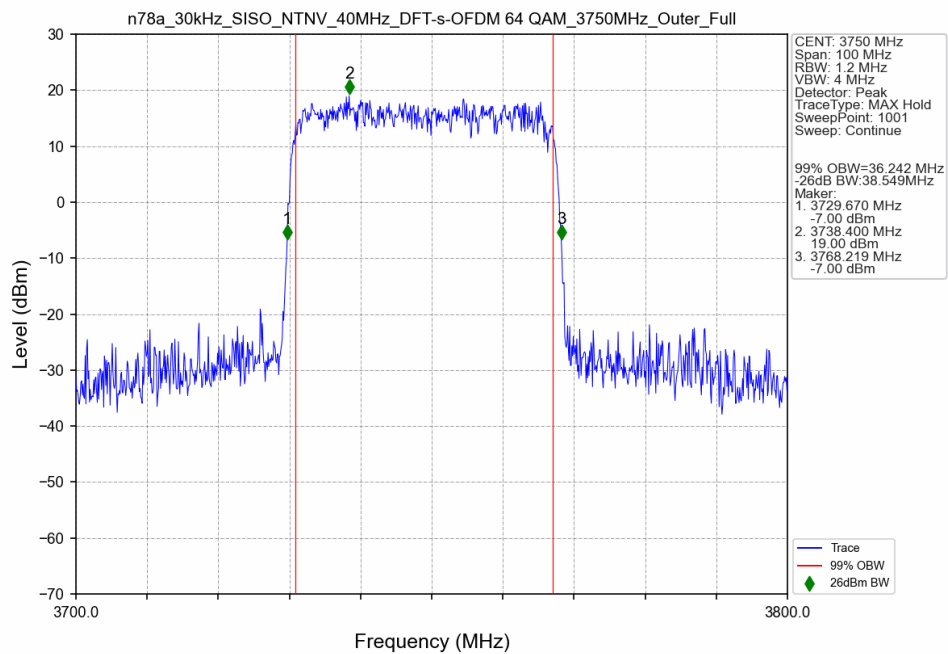
3.2.6 30_S_40M_NTNV



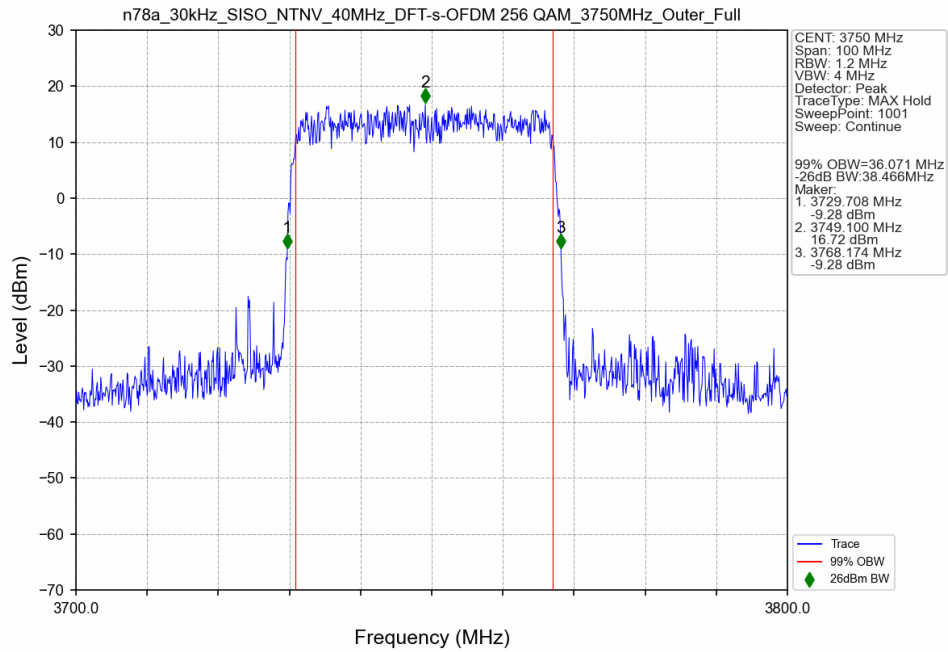
n78a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM 3750MHz_Outer_Full_Ant8



n78a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM 3750MHz_Outer_Full_Ant8



n78a_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3750MHz_Outer_Full_Ant8



n78a_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3750MHz_Outer_Full_Ant8

