



Appendix A.37

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30_S_20M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant7	Ant2	Sum	Ant7	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3710.01	Edge_1RB_Left	22.34	/	/	21.82	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	21.91	/	/	<=30	Pass
		Outer_Full	25.52	/	/	25.00	/	/	<=30	Pass
		Inner_Full	26.02	/	/	25.50	/	/	<=30	Pass
		Inner_1RB_Left	26.09	/	/	25.57	/	/	<=30	Pass
		Inner_1RB_Right	25.94	/	/	25.42	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.44	/	/	21.92	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	21.91	/	/	<=30	Pass
		Outer_Full	25.60	/	/	25.08	/	/	<=30	Pass
		Inner_Full	26.01	/	/	25.49	/	/	<=30	Pass
		Inner_1RB_Left	25.90	/	/	25.38	/	/	<=30	Pass
		Inner_1RB_Right	25.97	/	/	25.45	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	22.22	/	/	21.70	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	21.81	/	/	<=30	Pass
		Outer_Full	25.57	/	/	25.05	/	/	<=30	Pass
		Inner_Full	25.93	/	/	25.41	/	/	<=30	Pass
		Inner_1RB_Left	25.97	/	/	25.45	/	/	<=30	Pass
		Inner_1RB_Right	25.77	/	/	25.25	/	/	<=30	Pass
DFT-s-OFDM QPSK	3710.01	Edge_1RB_Left	22.61	/	/	22.09	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	22.05	/	/	<=30	Pass
		Outer_Full	25.18	/	/	24.66	/	/	<=30	Pass
		Inner_Full	26.18	/	/	25.66	/	/	<=30	Pass
		Inner_1RB_Left	25.93	/	/	25.41	/	/	<=30	Pass
		Inner_1RB_Right	26.00	/	/	25.49	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.58	/	/	22.06	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	21.81	/	/	<=30	Pass
		Outer_Full	24.94	/	/	24.42	/	/	<=30	Pass
		Inner_Full	26.01	/	/	25.49	/	/	<=30	Pass
		Inner_1RB_Left	25.98	/	/	25.46	/	/	<=30	Pass
		Inner_1RB_Right	26.06	/	/	25.54	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	22.33	/	/	21.81	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	22.03	/	/	<=30	Pass
		Outer_Full	25.05	/	/	24.53	/	/	<=30	Pass
		Inner_Full	25.92	/	/	25.40	/	/	<=30	Pass
		Inner_1RB_Left	25.82	/	/	25.30	/	/	<=30	Pass
		Inner_1RB_Right	25.81	/	/	25.29	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Edge_1RB_Left	22.41	/	/	21.90	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	22.07	/	/	<=30	Pass
		Outer_Full	23.95	/	/	23.43	/	/	<=30	Pass
		Inner_Full	25.06	/	/	24.54	/	/	<=30	Pass

		Inner 1RB Left	25.11	/	/	24.59	/	/	<=30	Pass
		Inner 1RB Right	25.09	/	/	24.57	/	/	<=30	Pass
	3750	Edge 1RB Left	22.37	/	/	21.85	/	/	<=30	Pass
		Edge 1RB Right	22.46	/	/	21.94	/	/	<=30	Pass
		Outer Full	24.17	/	/	23.65	/	/	<=30	Pass
		Inner Full	25.21	/	/	24.69	/	/	<=30	Pass
		Inner 1RB Left	24.89	/	/	24.37	/	/	<=30	Pass
		Inner 1RB Right	25.06	/	/	24.54	/	/	<=30	Pass
	3789.99	Edge 1RB Left	22.53	/	/	22.01	/	/	<=30	Pass
		Edge 1RB Right	22.57	/	/	22.05	/	/	<=30	Pass
		Outer Full	24.07	/	/	23.55	/	/	<=30	Pass
		Inner Full	24.93	/	/	24.41	/	/	<=30	Pass
		Inner 1RB Left	25.13	/	/	24.61	/	/	<=30	Pass
		Inner 1RB Right	25.05	/	/	24.53	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3710.01	Edge 1RB Left	22.55	/	/	22.03	/	/	<=30	Pass
		Edge 1RB Right	22.52	/	/	22.00	/	/	<=30	Pass
		Outer Full	23.43	/	/	22.91	/	/	<=30	Pass
		Inner Full	23.50	/	/	22.98	/	/	<=30	Pass
		Inner 1RB Left	23.63	/	/	23.11	/	/	<=30	Pass
		Inner 1RB Right	23.32	/	/	22.80	/	/	<=30	Pass
	3750	Edge 1RB Left	22.27	/	/	21.75	/	/	<=30	Pass
		Edge 1RB Right	22.35	/	/	21.83	/	/	<=30	Pass
		Outer Full	23.47	/	/	22.95	/	/	<=30	Pass
		Inner Full	23.55	/	/	23.03	/	/	<=30	Pass
		Inner 1RB Left	23.47	/	/	22.95	/	/	<=30	Pass
		Inner 1RB Right	23.34	/	/	22.82	/	/	<=30	Pass
	3789.99	Edge 1RB Left	22.25	/	/	21.73	/	/	<=30	Pass
		Edge 1RB Right	22.29	/	/	21.77	/	/	<=30	Pass
		Outer Full	23.39	/	/	22.87	/	/	<=30	Pass
		Inner Full	23.43	/	/	22.91	/	/	<=30	Pass
		Inner 1RB Left	23.24	/	/	22.72	/	/	<=30	Pass
		Inner 1RB Right	23.46	/	/	22.95	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3710.01	Edge 1RB Left	21.53	/	/	21.01	/	/	<=30	Pass
		Edge 1RB Right	21.27	/	/	20.75	/	/	<=30	Pass
		Outer Full	21.50	/	/	20.98	/	/	<=30	Pass
		Inner Full	21.41	/	/	20.89	/	/	<=30	Pass
		Inner 1RB Left	21.28	/	/	20.76	/	/	<=30	Pass
		Inner 1RB Right	21.26	/	/	20.74	/	/	<=30	Pass
	3750	Edge 1RB Left	21.21	/	/	20.69	/	/	<=30	Pass
		Edge 1RB Right	21.30	/	/	20.78	/	/	<=30	Pass
		Outer Full	21.69	/	/	21.17	/	/	<=30	Pass
		Inner Full	21.37	/	/	20.85	/	/	<=30	Pass
		Inner 1RB Left	21.26	/	/	20.74	/	/	<=30	Pass
		Inner 1RB Right	21.25	/	/	20.73	/	/	<=30	Pass
	3789.99	Edge 1RB Left	21.33	/	/	20.81	/	/	<=30	Pass
		Edge 1RB Right	21.05	/	/	20.53	/	/	<=30	Pass
		Outer Full	21.62	/	/	21.10	/	/	<=30	Pass
		Inner Full	21.53	/	/	21.01	/	/	<=30	Pass
		Inner 1RB Left	21.33	/	/	20.81	/	/	<=30	Pass
		Inner 1RB Right	21.12	/	/	20.60	/	/	<=30	Pass
CP-OFDM QPSK	3710.01	Edge 1RB Left	22.48	/	/	21.96	/	/	<=30	Pass
		Edge 1RB Right	22.38	/	/	21.86	/	/	<=30	Pass
		Outer Full	23.18	/	/	22.66	/	/	<=30	Pass

		Inner Full	24.50	/	/	23.98	/	/	<=30	Pass
		Inner 1RB Left	24.74	/	/	24.22	/	/	<=30	Pass
		Inner 1RB Right	24.77	/	/	24.25	/	/	<=30	Pass
	3750	Edge 1RB Left	22.57	/	/	22.06	/	/	<=30	Pass
		Edge 1RB Right	22.50	/	/	21.98	/	/	<=30	Pass
		Outer Full	23.17	/	/	22.65	/	/	<=30	Pass
		Inner Full	24.63	/	/	24.11	/	/	<=30	Pass
		Inner 1RB Left	24.41	/	/	23.89	/	/	<=30	Pass
		Inner 1RB Right	24.64	/	/	24.12	/	/	<=30	Pass
	3789.99	Edge 1RB Left	22.47	/	/	21.95	/	/	<=30	Pass
		Edge 1RB Right	22.41	/	/	21.89	/	/	<=30	Pass
		Outer Full	23.00	/	/	22.48	/	/	<=30	Pass
		Inner Full	24.54	/	/	24.02	/	/	<=30	Pass
		Inner 1RB Left	24.27	/	/	23.75	/	/	<=30	Pass
		Inner 1RB Right	24.44	/	/	23.92	/	/	<=30	Pass
CP-OFDM 16 QAM	3710.01	Edge 1RB Left	22.53	/	/	22.01	/	/	<=30	Pass
		Edge 1RB Right	22.53	/	/	22.01	/	/	<=30	Pass
		Outer Full	23.19	/	/	22.67	/	/	<=30	Pass
		Inner Full	23.96	/	/	23.44	/	/	<=30	Pass
		Inner 1RB Left	23.91	/	/	23.40	/	/	<=30	Pass
		Inner 1RB Right	24.07	/	/	23.55	/	/	<=30	Pass
	3750	Edge 1RB Left	22.37	/	/	21.85	/	/	<=30	Pass
		Edge 1RB Right	22.39	/	/	21.87	/	/	<=30	Pass
		Outer Full	23.04	/	/	22.52	/	/	<=30	Pass
		Inner Full	24.01	/	/	23.49	/	/	<=30	Pass
		Inner 1RB Left	24.09	/	/	23.57	/	/	<=30	Pass
		Inner 1RB Right	24.04	/	/	23.52	/	/	<=30	Pass
	3789.99	Edge 1RB Left	22.34	/	/	21.82	/	/	<=30	Pass
		Edge 1RB Right	22.59	/	/	22.07	/	/	<=30	Pass
		Outer Full	22.97	/	/	22.45	/	/	<=30	Pass
		Inner Full	23.94	/	/	23.42	/	/	<=30	Pass
		Inner 1RB Left	23.88	/	/	23.36	/	/	<=30	Pass
		Inner 1RB Right	23.94	/	/	23.42	/	/	<=30	Pass
CP-OFDM 64 QAM	3710.01	Edge 1RB Left	22.72	/	/	22.20	/	/	<=30	Pass
		Edge 1RB Right	22.73	/	/	22.21	/	/	<=30	Pass
		Outer Full	22.40	/	/	21.88	/	/	<=30	Pass
		Inner Full	22.68	/	/	22.16	/	/	<=30	Pass
		Inner 1RB Left	22.71	/	/	22.19	/	/	<=30	Pass
		Inner 1RB Right	22.57	/	/	22.05	/	/	<=30	Pass
	3750	Edge 1RB Left	22.39	/	/	21.87	/	/	<=30	Pass
		Edge 1RB Right	22.39	/	/	21.87	/	/	<=30	Pass
		Outer Full	22.47	/	/	21.95	/	/	<=30	Pass
		Inner Full	22.61	/	/	22.09	/	/	<=30	Pass
		Inner 1RB Left	22.50	/	/	21.98	/	/	<=30	Pass
		Inner 1RB Right	22.64	/	/	22.13	/	/	<=30	Pass
	3789.99	Edge 1RB Left	22.48	/	/	21.96	/	/	<=30	Pass
		Edge 1RB Right	22.41	/	/	21.89	/	/	<=30	Pass
		Outer Full	22.39	/	/	21.87	/	/	<=30	Pass
		Inner Full	22.46	/	/	21.94	/	/	<=30	Pass
		Inner 1RB Left	22.36	/	/	21.84	/	/	<=30	Pass
		Inner 1RB Right	22.43	/	/	21.92	/	/	<=30	Pass
CP-OFDM 256 QAM	3710.01	Edge 1RB Left	19.43	/	/	18.91	/	/	<=30	Pass
		Edge 1RB Right	19.41	/	/	18.89	/	/	<=30	Pass

		Outer_Full	19.85	/	/	19.33	/	/	<=30	Pass
		Inner_Full	19.69	/	/	19.17	/	/	<=30	Pass
		Inner_1RB_Left	19.18	/	/	18.66	/	/	<=30	Pass
		Inner_1RB_Right	19.23	/	/	18.71	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.17	/	/	18.65	/	/	<=30	Pass
		Edge_1RB_Right	19.05	/	/	18.53	/	/	<=30	Pass
		Outer_Full	19.68	/	/	19.16	/	/	<=30	Pass
		Inner_Full	19.40	/	/	18.88	/	/	<=30	Pass
		Inner_1RB_Left	19.33	/	/	18.81	/	/	<=30	Pass
		Inner_1RB_Right	19.17	/	/	18.65	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	18.90	/	/	18.38	/	/	<=30	Pass
		Edge_1RB_Right	19.26	/	/	18.74	/	/	<=30	Pass
		Outer_Full	19.46	/	/	18.94	/	/	<=30	Pass
		Inner_Full	19.61	/	/	19.09	/	/	<=30	Pass
		Inner_1RB_Left	18.98	/	/	18.46	/	/	<=30	Pass
		Inner_1RB_Right	19.27	/	/	18.75	/	/	<=30	Pass
Note1: Antenna Gain: Ant7: -0.52dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30_S_30M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant7	Ant2	Sum	Ant7	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3715.02	Edge_1RB_Left	22.49	/	/	21.97	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	21.89	/	/	<=30	Pass
		Outer_Full	25.48	/	/	24.96	/	/	<=30	Pass
		Inner_Full	25.99	/	/	25.47	/	/	<=30	Pass
		Inner_1RB_Left	26.05	/	/	25.53	/	/	<=30	Pass
		Inner_1RB_Right	25.99	/	/	25.47	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.60	/	/	22.08	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	22.07	/	/	<=30	Pass
		Outer_Full	25.50	/	/	24.98	/	/	<=30	Pass
		Inner_Full	25.91	/	/	25.39	/	/	<=30	Pass
		Inner_1RB_Left	25.98	/	/	25.47	/	/	<=30	Pass
		Inner_1RB_Right	25.96	/	/	25.44	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	22.53	/	/	22.01	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	21.92	/	/	<=30	Pass
		Outer_Full	12.27	/	/	11.75	/	/	<=30	Pass
		Inner_Full	25.85	/	/	25.33	/	/	<=30	Pass
		Inner_1RB_Left	26.15	/	/	25.63	/	/	<=30	Pass
		Inner_1RB_Right	25.98	/	/	25.46	/	/	<=30	Pass
DFT-s-OFDM QPSK	3715.02	Edge_1RB_Left	22.75	/	/	22.23	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	21.96	/	/	<=30	Pass
		Outer_Full	25.16	/	/	24.64	/	/	<=30	Pass
		Inner_Full	25.91	/	/	25.39	/	/	<=30	Pass
		Inner_1RB_Left	26.00	/	/	25.48	/	/	<=30	Pass
		Inner_1RB_Right	26.02	/	/	25.50	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.43	/	/	21.92	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	22.01	/	/	<=30	Pass
		Outer_Full	24.92	/	/	24.40	/	/	<=30	Pass

		Inner Full	25.88	/	/	25.36	/	/	<=30	Pass
		Inner 1RB Left	26.08	/	/	25.56	/	/	<=30	Pass
		Inner 1RB Right	26.04	/	/	25.52	/	/	<=30	Pass
	3784.98	Edge 1RB Left	22.62	/	/	22.10	/	/	<=30	Pass
		Edge 1RB Right	22.51	/	/	21.99	/	/	<=30	Pass
		Outer Full	24.88	/	/	24.36	/	/	<=30	Pass
		Inner Full	25.89	/	/	25.37	/	/	<=30	Pass
		Inner 1RB Left	26.00	/	/	25.48	/	/	<=30	Pass
		Inner 1RB Right	25.81	/	/	25.29	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.02	Edge 1RB Left	22.54	/	/	22.02	/	/	<=30	Pass
		Edge 1RB Right	22.49	/	/	21.97	/	/	<=30	Pass
		Outer Full	23.89	/	/	23.37	/	/	<=30	Pass
		Inner Full	25.14	/	/	24.62	/	/	<=30	Pass
		Inner 1RB Left	25.13	/	/	24.61	/	/	<=30	Pass
		Inner 1RB Right	25.16	/	/	24.64	/	/	<=30	Pass
	3750	Edge 1RB Left	22.47	/	/	21.95	/	/	<=30	Pass
		Edge 1RB Right	22.68	/	/	22.17	/	/	<=30	Pass
		Outer Full	24.12	/	/	23.60	/	/	<=30	Pass
		Inner Full	25.04	/	/	24.52	/	/	<=30	Pass
		Inner 1RB Left	25.10	/	/	24.58	/	/	<=30	Pass
		Inner 1RB Right	25.08	/	/	24.56	/	/	<=30	Pass
	3784.98	Edge 1RB Left	22.60	/	/	22.08	/	/	<=30	Pass
		Edge 1RB Right	22.32	/	/	21.80	/	/	<=30	Pass
		Outer Full	23.82	/	/	23.30	/	/	<=30	Pass
		Inner Full	24.86	/	/	24.34	/	/	<=30	Pass
		Inner 1RB Left	24.99	/	/	24.47	/	/	<=30	Pass
		Inner 1RB Right	24.90	/	/	24.38	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3715.02	Edge 1RB Left	22.43	/	/	21.91	/	/	<=30	Pass
		Edge 1RB Right	22.41	/	/	21.89	/	/	<=30	Pass
		Outer Full	23.64	/	/	23.12	/	/	<=30	Pass
		Inner Full	23.57	/	/	23.05	/	/	<=30	Pass
		Inner 1RB Left	23.47	/	/	22.95	/	/	<=30	Pass
		Inner 1RB Right	23.52	/	/	23.00	/	/	<=30	Pass
	3750	Edge 1RB Left	22.36	/	/	21.84	/	/	<=30	Pass
		Edge 1RB Right	22.38	/	/	21.86	/	/	<=30	Pass
		Outer Full	23.46	/	/	22.94	/	/	<=30	Pass
		Inner Full	23.60	/	/	23.08	/	/	<=30	Pass
		Inner 1RB Left	23.45	/	/	22.93	/	/	<=30	Pass
		Inner 1RB Right	23.54	/	/	23.02	/	/	<=30	Pass
	3784.98	Edge 1RB Left	22.49	/	/	21.97	/	/	<=30	Pass
		Edge 1RB Right	22.21	/	/	21.69	/	/	<=30	Pass
		Outer Full	23.27	/	/	22.75	/	/	<=30	Pass
		Inner Full	23.26	/	/	22.74	/	/	<=30	Pass
		Inner 1RB Left	23.34	/	/	22.82	/	/	<=30	Pass
		Inner 1RB Right	23.25	/	/	22.73	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3715.02	Edge 1RB Left	21.27	/	/	20.75	/	/	<=30	Pass
		Edge 1RB Right	21.55	/	/	21.03	/	/	<=30	Pass
		Outer Full	21.45	/	/	20.93	/	/	<=30	Pass
		Inner Full	21.37	/	/	20.85	/	/	<=30	Pass
		Inner 1RB Left	21.40	/	/	20.88	/	/	<=30	Pass
		Inner 1RB Right	21.36	/	/	20.84	/	/	<=30	Pass
	3750	Edge 1RB Left	21.21	/	/	20.69	/	/	<=30	Pass
		Edge 1RB Right	21.20	/	/	20.68	/	/	<=30	Pass

		Outer_Full	21.43	/	/	20.91	/	/	<=30	Pass
		Inner_Full	21.63	/	/	21.11	/	/	<=30	Pass
		Inner_1RB_Left	21.33	/	/	20.81	/	/	<=30	Pass
		Inner_1RB_Right	21.21	/	/	20.69	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	21.17	/	/	20.65	/	/	<=30	Pass
		Edge_1RB_Right	21.50	/	/	20.98	/	/	<=30	Pass
		Outer_Full	21.35	/	/	20.83	/	/	<=30	Pass
		Inner_Full	21.55	/	/	21.03	/	/	<=30	Pass
		Inner_1RB_Left	21.18	/	/	20.67	/	/	<=30	Pass
		Inner_1RB_Right	21.11	/	/	20.60	/	/	<=30	Pass
		Edge_1RB_Left	22.49	/	/	21.97	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	22.15	/	/	<=30	Pass
CP-OFDM QPSK	3715.02	Outer_Full	22.95	/	/	22.43	/	/	<=30	Pass
		Inner_Full	24.54	/	/	24.02	/	/	<=30	Pass
		Inner_1RB_Left	24.76	/	/	24.24	/	/	<=30	Pass
		Inner_1RB_Right	24.52	/	/	24.00	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.42	/	/	21.90	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	21.93	/	/	<=30	Pass
		Outer_Full	23.01	/	/	22.49	/	/	<=30	Pass
		Inner_Full	24.52	/	/	24.00	/	/	<=30	Pass
		Inner_1RB_Left	24.69	/	/	24.17	/	/	<=30	Pass
		Inner_1RB_Right	24.67	/	/	24.15	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	22.50	/	/	21.98	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	21.76	/	/	<=30	Pass
		Outer_Full	22.83	/	/	22.31	/	/	<=30	Pass
		Inner_Full	24.40	/	/	23.88	/	/	<=30	Pass
		Inner_1RB_Left	24.30	/	/	23.78	/	/	<=30	Pass
		Inner_1RB_Right	24.70	/	/	24.18	/	/	<=30	Pass
CP-OFDM 16 QAM	3715.02	Edge_1RB_Left	22.45	/	/	21.94	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	21.92	/	/	<=30	Pass
		Outer_Full	22.87	/	/	22.35	/	/	<=30	Pass
		Inner_Full	23.89	/	/	23.37	/	/	<=30	Pass
	3750	Inner_1RB_Left	24.20	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Right	24.07	/	/	23.55	/	/	<=30	Pass
		Edge_1RB_Left	22.42	/	/	21.90	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	21.92	/	/	<=30	Pass
	3784.98	Outer_Full	22.91	/	/	22.39	/	/	<=30	Pass
		Inner_Full	23.96	/	/	23.44	/	/	<=30	Pass
		Inner_1RB_Left	23.97	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Right	23.96	/	/	23.44	/	/	<=30	Pass
CP-OFDM 64 QAM	3715.02	Edge_1RB_Left	22.32	/	/	21.80	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	21.76	/	/	<=30	Pass
		Outer_Full	22.96	/	/	22.45	/	/	<=30	Pass
		Inner_Full	23.92	/	/	23.40	/	/	<=30	Pass
	3750	Inner_1RB_Left	24.00	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Right	23.89	/	/	23.37	/	/	<=30	Pass
		Edge_1RB_Left	22.39	/	/	21.87	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	21.85	/	/	<=30	Pass
	3784.98	Outer_Full	22.41	/	/	21.89	/	/	<=30	Pass
		Inner_Full	22.40	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Left	22.43	/	/	21.92	/	/	<=30	Pass
		Inner_1RB_Right	22.40	/	/	21.88	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.62	/	/	22.10	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	22.10	/	/	<=30	Pass
		Outer_Full	22.62	/	/	22.10	/	/	<=30	Pass
		Inner_Full	22.62	/	/	22.10	/	/	<=30	Pass

CP-OFDM 256 QAM		Edge 1RB Right	22.56	/	/	22.04	/	/	<=30	Pass
		Outer Full	22.43	/	/	21.91	/	/	<=30	Pass
		Inner Full	22.49	/	/	21.97	/	/	<=30	Pass
		Inner 1RB Left	22.57	/	/	22.05	/	/	<=30	Pass
		Inner 1RB Right	22.86	/	/	22.34	/	/	<=30	Pass
	3784.98	Edge 1RB Left	22.53	/	/	22.01	/	/	<=30	Pass
		Edge 1RB Right	22.38	/	/	21.86	/	/	<=30	Pass
		Outer Full	22.37	/	/	21.85	/	/	<=30	Pass
		Inner Full	22.38	/	/	21.86	/	/	<=30	Pass
		Inner 1RB Left	22.57	/	/	22.05	/	/	<=30	Pass
		Inner 1RB Right	22.23	/	/	21.71	/	/	<=30	Pass
		Edge 1RB Left	19.09	/	/	18.57	/	/	<=30	Pass
		Edge 1RB Right	19.19	/	/	18.67	/	/	<=30	Pass
		Outer Full	19.37	/	/	18.85	/	/	<=30	Pass
		Inner Full	19.33	/	/	18.81	/	/	<=30	Pass
		Inner 1RB Left	19.43	/	/	18.91	/	/	<=30	Pass
		Inner 1RB Right	19.41	/	/	18.89	/	/	<=30	Pass
	3750	Edge 1RB Left	19.11	/	/	18.59	/	/	<=30	Pass
		Edge 1RB Right	19.55	/	/	19.03	/	/	<=30	Pass
		Outer Full	19.39	/	/	18.88	/	/	<=30	Pass
		Inner Full	19.62	/	/	19.10	/	/	<=30	Pass
		Inner 1RB Left	19.15	/	/	18.63	/	/	<=30	Pass
		Inner 1RB Right	19.18	/	/	18.66	/	/	<=30	Pass
	3784.98	Edge 1RB Left	19.16	/	/	18.64	/	/	<=30	Pass
		Edge 1RB Right	19.31	/	/	18.79	/	/	<=30	Pass
		Outer Full	19.34	/	/	18.82	/	/	<=30	Pass
		Inner Full	19.25	/	/	18.74	/	/	<=30	Pass
		Inner 1RB Left	19.19	/	/	18.67	/	/	<=30	Pass
		Inner 1RB Right	19.03	/	/	18.51	/	/	<=30	Pass

Note1: Antenna Gain: Ant7: -0.52dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.3 30_S_40M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 40MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant7	Ant2	Sum	Ant7	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3720	Edge 1RB Left	22.80	/	/	22.28	/	/	<=30	Pass
		Edge 1RB Right	22.96	/	/	22.44	/	/	<=30	Pass
		Outer Full	25.46	/	/	24.94	/	/	<=30	Pass
		Inner Full	25.95	/	/	25.43	/	/	<=30	Pass
		Inner 1RB Left	26.04	/	/	25.52	/	/	<=30	Pass
		Inner 1RB Right	26.10	/	/	25.58	/	/	<=30	Pass
	3750	Edge 1RB Left	22.65	/	/	22.13	/	/	<=30	Pass
		Edge 1RB Right	22.50	/	/	21.99	/	/	<=30	Pass
		Outer Full	25.42	/	/	24.90	/	/	<=30	Pass
		Inner Full	25.92	/	/	25.40	/	/	<=30	Pass
		Inner 1RB Left	26.15	/	/	25.63	/	/	<=30	Pass
		Inner 1RB Right	26.06	/	/	25.54	/	/	<=30	Pass
	3780	Edge 1RB Left	22.82	/	/	22.30	/	/	<=30	Pass
		Edge 1RB Right	22.58	/	/	22.06	/	/	<=30	Pass

DFT-s-OFDM QPSK		Outer_Full	25.57	/	/	25.05	/	/	<=30	Pass
		Inner_Full	25.95	/	/	25.43	/	/	<=30	Pass
		Inner_1RB_Left	26.12	/	/	25.60	/	/	<=30	Pass
		Inner_1RB_Right	25.93	/	/	25.41	/	/	<=30	Pass
	3720	Edge_1RB_Left	23.06	/	/	22.54	/	/	<=30	Pass
		Edge_1RB_Right	22.82	/	/	22.30	/	/	<=30	Pass
		Outer_Full	24.90	/	/	24.38	/	/	<=30	Pass
		Inner_Full	25.95	/	/	25.43	/	/	<=30	Pass
	3750	Inner_1RB_Left	26.38	/	/	25.86	/	/	<=30	Pass
		Inner_1RB_Right	26.22	/	/	25.70	/	/	<=30	Pass
		Edge_1RB_Left	22.83	/	/	22.31	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	22.08	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Outer_Full	25.01	/	/	24.49	/	/	<=30	Pass
		Inner_Full	26.00	/	/	25.48	/	/	<=30	Pass
		Inner_1RB_Left	26.10	/	/	25.58	/	/	<=30	Pass
		Inner_1RB_Right	26.25	/	/	25.73	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.57	/	/	22.05	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	22.24	/	/	<=30	Pass
		Outer_Full	24.92	/	/	24.40	/	/	<=30	Pass
		Inner_Full	26.02	/	/	25.50	/	/	<=30	Pass
	3780	Inner_1RB_Left	26.13	/	/	25.61	/	/	<=30	Pass
		Inner_1RB_Right	26.06	/	/	25.54	/	/	<=30	Pass
		Edge_1RB_Left	22.75	/	/	22.23	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	22.12	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Outer_Full	23.94	/	/	23.42	/	/	<=30	Pass
		Inner_Full	25.05	/	/	24.53	/	/	<=30	Pass
		Inner_1RB_Left	25.30	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Right	25.18	/	/	24.66	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.73	/	/	22.22	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	22.11	/	/	<=30	Pass
		Outer_Full	24.20	/	/	23.68	/	/	<=30	Pass
		Inner_Full	24.99	/	/	24.47	/	/	<=30	Pass
	3780	Inner_1RB_Left	25.25	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Right	25.22	/	/	24.70	/	/	<=30	Pass
		Edge_1RB_Left	23.01	/	/	22.49	/	/	<=30	Pass
		Edge_1RB_Right	22.50	/	/	21.98	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Outer_Full	24.07	/	/	23.55	/	/	<=30	Pass
		Inner_Full	25.05	/	/	24.53	/	/	<=30	Pass
		Inner_1RB_Left	25.19	/	/	24.67	/	/	<=30	Pass
		Inner_1RB_Right	25.18	/	/	24.66	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.54	/	/	22.02	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	22.35	/	/	<=30	Pass
		Outer_Full	23.44	/	/	22.92	/	/	<=30	Pass
		Inner_Full	23.38	/	/	22.86	/	/	<=30	Pass
	3780	Inner_1RB_Left	23.64	/	/	23.12	/	/	<=30	Pass
		Inner_1RB_Right	23.77	/	/	23.25	/	/	<=30	Pass
		Edge_1RB_Left	22.83	/	/	22.31	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	22.11	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Outer_Full	23.73	/	/	23.21	/	/	<=30	Pass
		Inner_Full	23.44	/	/	22.92	/	/	<=30	Pass
		Inner_1RB_Left	23.60	/	/	23.08	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	22.93	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.69	/	/	22.17	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	22.17	/	/	<=30	Pass
		Outer_Full	23.73	/	/	23.21	/	/	<=30	Pass
		Inner_Full	23.44	/	/	22.92	/	/	<=30	Pass
	3780	Inner_1RB_Left	23.60	/	/	23.08	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	22.93	/	/	<=30	Pass
		Edge_1RB_Left	22.69	/	/	22.17	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	22.17	/	/	<=30	Pass

		Edge 1RB Right	22.41	/	/	21.89	/	/	<=30	Pass
		Outer Full	23.48	/	/	22.96	/	/	<=30	Pass
		Inner Full	23.59	/	/	23.07	/	/	<=30	Pass
		Inner 1RB Left	23.61	/	/	23.10	/	/	<=30	Pass
		Inner 1RB Right	23.52	/	/	23.00	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3720	Edge 1RB Left	21.69	/	/	21.17	/	/	<=30	Pass
		Edge 1RB Right	21.56	/	/	21.04	/	/	<=30	Pass
		Outer Full	21.70	/	/	21.18	/	/	<=30	Pass
		Inner Full	21.35	/	/	20.83	/	/	<=30	Pass
		Inner 1RB Left	21.66	/	/	21.14	/	/	<=30	Pass
	3750	Inner 1RB Right	21.34	/	/	20.82	/	/	<=30	Pass
		Edge 1RB Left	21.74	/	/	21.22	/	/	<=30	Pass
		Edge 1RB Right	21.42	/	/	20.90	/	/	<=30	Pass
		Outer Full	21.66	/	/	21.14	/	/	<=30	Pass
		Inner Full	21.66	/	/	21.14	/	/	<=30	Pass
	3780	Inner 1RB Left	21.41	/	/	20.89	/	/	<=30	Pass
		Inner 1RB Right	21.42	/	/	20.90	/	/	<=30	Pass
		Edge 1RB Left	21.40	/	/	20.88	/	/	<=30	Pass
		Edge 1RB Right	21.27	/	/	20.75	/	/	<=30	Pass
		Outer Full	21.64	/	/	21.12	/	/	<=30	Pass
CP-OFDM QPSK	3720	Inner Full	21.30	/	/	20.78	/	/	<=30	Pass
		Inner 1RB Left	21.38	/	/	20.86	/	/	<=30	Pass
		Inner 1RB Right	21.29	/	/	20.77	/	/	<=30	Pass
	3750	Edge 1RB Left	22.71	/	/	22.19	/	/	<=30	Pass
		Edge 1RB Right	22.82	/	/	22.30	/	/	<=30	Pass
		Outer Full	22.92	/	/	22.40	/	/	<=30	Pass
		Inner Full	24.41	/	/	23.89	/	/	<=30	Pass
	3780	Inner 1RB Left	24.73	/	/	24.21	/	/	<=30	Pass
		Inner 1RB Right	24.80	/	/	24.28	/	/	<=30	Pass
		Edge 1RB Left	22.66	/	/	22.14	/	/	<=30	Pass
		Edge 1RB Right	22.59	/	/	22.07	/	/	<=30	Pass
		Outer Full	23.16	/	/	22.64	/	/	<=30	Pass
CP-OFDM 16 QAM	3720	Inner Full	24.44	/	/	23.92	/	/	<=30	Pass
		Inner 1RB Left	24.59	/	/	24.07	/	/	<=30	Pass
		Inner 1RB Right	24.57	/	/	24.05	/	/	<=30	Pass
	3750	Edge 1RB Left	22.62	/	/	22.10	/	/	<=30	Pass
		Edge 1RB Right	22.57	/	/	22.05	/	/	<=30	Pass
		Outer Full	22.92	/	/	22.40	/	/	<=30	Pass
		Inner Full	24.39	/	/	23.87	/	/	<=30	Pass
	3780	Inner 1RB Left	24.60	/	/	24.08	/	/	<=30	Pass
		Inner 1RB Right	24.41	/	/	23.89	/	/	<=30	Pass
		Edge 1RB Left	22.77	/	/	22.25	/	/	<=30	Pass
		Edge 1RB Right	22.60	/	/	22.08	/	/	<=30	Pass
		Outer Full	22.93	/	/	22.41	/	/	<=30	Pass
	3720	Inner Full	23.89	/	/	23.37	/	/	<=30	Pass
		Inner 1RB Left	24.39	/	/	23.87	/	/	<=30	Pass
		Inner 1RB Right	24.27	/	/	23.75	/	/	<=30	Pass
	3750	Edge 1RB Left	22.73	/	/	22.21	/	/	<=30	Pass
		Edge 1RB Right	22.68	/	/	22.16	/	/	<=30	Pass
		Outer Full	23.00	/	/	22.48	/	/	<=30	Pass
		Inner Full	24.13	/	/	23.61	/	/	<=30	Pass
		Inner 1RB Left	24.35	/	/	23.83	/	/	<=30	Pass
		Inner 1RB Right	24.16	/	/	23.64	/	/	<=30	Pass

	3780	Edge_1RB_Left	22.59	/	/	22.07	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	22.02	/	/	<=30	Pass
		Outer_Full	23.15	/	/	22.63	/	/	<=30	Pass
		Inner_Full	24.04	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Left	24.16	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Right	24.06	/	/	23.54	/	/	<=30	Pass
CP-OFDM 64 QAM	3720	Edge_1RB_Left	22.80	/	/	22.28	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	22.22	/	/	<=30	Pass
		Outer_Full	22.45	/	/	21.93	/	/	<=30	Pass
		Inner_Full	22.40	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Left	22.54	/	/	22.02	/	/	<=30	Pass
		Inner_1RB_Right	22.72	/	/	22.20	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.68	/	/	22.16	/	/	<=30	Pass
		Edge_1RB_Right	22.72	/	/	22.20	/	/	<=30	Pass
		Outer_Full	22.43	/	/	21.91	/	/	<=30	Pass
		Inner_Full	22.48	/	/	21.96	/	/	<=30	Pass
		Inner_1RB_Left	22.79	/	/	22.27	/	/	<=30	Pass
		Inner_1RB_Right	22.81	/	/	22.29	/	/	<=30	Pass
	3780	Edge_1RB_Left	22.60	/	/	22.08	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	22.14	/	/	<=30	Pass
		Outer_Full	22.47	/	/	21.95	/	/	<=30	Pass
		Inner_Full	22.62	/	/	22.10	/	/	<=30	Pass
		Inner_1RB_Left	22.62	/	/	22.10	/	/	<=30	Pass
		Inner_1RB_Right	22.64	/	/	22.12	/	/	<=30	Pass
CP-OFDM 256 QAM	3720	Edge_1RB_Left	19.54	/	/	19.02	/	/	<=30	Pass
		Edge_1RB_Right	19.34	/	/	18.82	/	/	<=30	Pass
		Outer_Full	19.63	/	/	19.11	/	/	<=30	Pass
		Inner_Full	19.33	/	/	18.81	/	/	<=30	Pass
		Inner_1RB_Left	19.30	/	/	18.78	/	/	<=30	Pass
		Inner_1RB_Right	19.23	/	/	18.71	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.32	/	/	18.81	/	/	<=30	Pass
		Edge_1RB_Right	19.56	/	/	19.04	/	/	<=30	Pass
		Outer_Full	19.53	/	/	19.01	/	/	<=30	Pass
		Inner_Full	19.43	/	/	18.92	/	/	<=30	Pass
		Inner_1RB_Left	19.54	/	/	19.02	/	/	<=30	Pass
		Inner_1RB_Right	19.26	/	/	18.74	/	/	<=30	Pass
	3780	Edge_1RB_Left	19.36	/	/	18.84	/	/	<=30	Pass
		Edge_1RB_Right	19.29	/	/	18.77	/	/	<=30	Pass
		Outer_Full	19.36	/	/	18.84	/	/	<=30	Pass
		Inner_Full	19.30	/	/	18.78	/	/	<=30	Pass
		Inner_1RB_Left	19.57	/	/	19.05	/	/	<=30	Pass
		Inner_1RB_Right	19.49	/	/	18.97	/	/	<=30	Pass
Note1: Antenna Gain: Ant7: -0.52dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30_S_50M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 50MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant7	Ant2	Sum	Ant7	Ant2	Sum	Limit	
DFT-s-OFDM PI/2	3725.01	Edge_1RB_Left	22.12	/	/	21.60	/	/	<=30	Pass

BPSK		Edge 1RB Right	22.39	/	/	21.87	/	/	<=30	Pass
		Outer Full	25.46	/	/	24.94	/	/	<=30	Pass
		Inner Full	25.96	/	/	25.44	/	/	<=30	Pass
		Inner 1RB Left	25.71	/	/	25.19	/	/	<=30	Pass
	3750	Inner 1RB Right	25.67	/	/	25.15	/	/	<=30	Pass
		Edge 1RB Left	22.19	/	/	21.67	/	/	<=30	Pass
		Edge 1RB Right	22.18	/	/	21.66	/	/	<=30	Pass
		Outer Full	25.28	/	/	24.76	/	/	<=30	Pass
	3774.99	Inner Full	25.84	/	/	25.32	/	/	<=30	Pass
		Inner 1RB Left	25.69	/	/	25.17	/	/	<=30	Pass
		Inner 1RB Right	25.67	/	/	25.15	/	/	<=30	Pass
		Edge 1RB Left	22.38	/	/	21.86	/	/	<=30	Pass
		Edge 1RB Right	22.06	/	/	21.54	/	/	<=30	Pass
		Outer Full	25.21	/	/	24.70	/	/	<=30	Pass
		Inner Full	25.84	/	/	25.32	/	/	<=30	Pass
		Inner 1RB Left	25.83	/	/	25.31	/	/	<=30	Pass
		Inner 1RB Right	25.55	/	/	25.03	/	/	<=30	Pass
DFT-s-OFDM QPSK	3725.01	Edge 1RB Left	22.15	/	/	21.63	/	/	<=30	Pass
		Edge 1RB Right	22.13	/	/	21.61	/	/	<=30	Pass
		Outer Full	24.73	/	/	24.21	/	/	<=30	Pass
		Inner Full	25.89	/	/	25.37	/	/	<=30	Pass
	3750	Inner 1RB Left	25.66	/	/	25.14	/	/	<=30	Pass
		Inner 1RB Right	25.61	/	/	25.10	/	/	<=30	Pass
		Edge 1RB Left	22.39	/	/	21.87	/	/	<=30	Pass
		Edge 1RB Right	22.18	/	/	21.66	/	/	<=30	Pass
	3774.99	Outer Full	24.90	/	/	24.38	/	/	<=30	Pass
		Inner Full	25.86	/	/	25.34	/	/	<=30	Pass
		Inner 1RB Left	25.78	/	/	25.26	/	/	<=30	Pass
		Inner 1RB Right	25.74	/	/	25.22	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3725.01	Edge 1RB Left	22.07	/	/	21.55	/	/	<=30	Pass
		Edge 1RB Right	22.20	/	/	21.68	/	/	<=30	Pass
		Outer Full	24.61	/	/	24.09	/	/	<=30	Pass
		Inner Full	25.67	/	/	25.15	/	/	<=30	Pass
	3750	Inner 1RB Left	25.73	/	/	25.21	/	/	<=30	Pass
		Inner 1RB Right	25.52	/	/	25.01	/	/	<=30	Pass
		Edge 1RB Left	22.08	/	/	21.56	/	/	<=30	Pass
		Edge 1RB Right	22.07	/	/	21.55	/	/	<=30	Pass
	3774.99	Outer Full	23.95	/	/	23.43	/	/	<=30	Pass
		Inner Full	24.81	/	/	24.29	/	/	<=30	Pass
		Inner 1RB Left	24.83	/	/	24.31	/	/	<=30	Pass
		Inner 1RB Right	24.82	/	/	24.30	/	/	<=30	Pass
	3725.01	Edge 1RB Left	22.22	/	/	21.70	/	/	<=30	Pass
		Edge 1RB Right	22.22	/	/	21.70	/	/	<=30	Pass
		Outer Full	23.71	/	/	23.19	/	/	<=30	Pass
		Inner Full	24.89	/	/	24.37	/	/	<=30	Pass
	3750	Inner 1RB Left	24.89	/	/	24.37	/	/	<=30	Pass
		Inner 1RB Right	24.70	/	/	24.19	/	/	<=30	Pass
		Edge 1RB Left	22.03	/	/	21.51	/	/	<=30	Pass
		Edge 1RB Right	21.94	/	/	21.42	/	/	<=30	Pass
	3774.99	Outer Full	23.61	/	/	23.09	/	/	<=30	Pass
		Inner Full	24.84	/	/	24.32	/	/	<=30	Pass
		Inner 1RB Left	24.75	/	/	24.24	/	/	<=30	Pass
		Inner 1RB Right	24.67	/	/	24.15	/	/	<=30	Pass

DFT-s-OFDM 64 QAM	3725.01	Edge_1RB_Left	22.26	/	/	21.74	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	21.73	/	/	<=30	Pass
		Outer_Full	23.23	/	/	22.71	/	/	<=30	Pass
		Inner_Full	23.24	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Left	23.13	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Right	23.14	/	/	22.62	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.13	/	/	21.61	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	21.63	/	/	<=30	Pass
		Outer_Full	23.42	/	/	22.90	/	/	<=30	Pass
		Inner_Full	23.24	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Left	23.14	/	/	22.62	/	/	<=30	Pass
		Inner_1RB_Right	23.16	/	/	22.64	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	22.18	/	/	21.66	/	/	<=30	Pass
		Edge_1RB_Right	22.08	/	/	21.56	/	/	<=30	Pass
		Outer_Full	23.30	/	/	22.78	/	/	<=30	Pass
		Inner_Full	23.20	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Left	23.28	/	/	22.76	/	/	<=30	Pass
		Inner_1RB_Right	23.19	/	/	22.67	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3725.01	Edge_1RB_Left	21.00	/	/	20.49	/	/	<=30	Pass
		Edge_1RB_Right	21.00	/	/	20.48	/	/	<=30	Pass
		Outer_Full	21.25	/	/	20.73	/	/	<=30	Pass
		Inner_Full	21.54	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Left	21.00	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Right	21.41	/	/	20.89	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.05	/	/	20.53	/	/	<=30	Pass
		Edge_1RB_Right	21.27	/	/	20.76	/	/	<=30	Pass
		Outer_Full	21.45	/	/	20.93	/	/	<=30	Pass
		Inner_Full	21.55	/	/	21.03	/	/	<=30	Pass
		Inner_1RB_Left	21.25	/	/	20.73	/	/	<=30	Pass
		Inner_1RB_Right	21.28	/	/	20.76	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	20.93	/	/	20.41	/	/	<=30	Pass
		Edge_1RB_Right	20.85	/	/	20.33	/	/	<=30	Pass
		Outer_Full	21.11	/	/	20.59	/	/	<=30	Pass
		Inner_Full	21.22	/	/	20.70	/	/	<=30	Pass
		Inner_1RB_Left	21.13	/	/	20.61	/	/	<=30	Pass
		Inner_1RB_Right	21.05	/	/	20.54	/	/	<=30	Pass
CP-OFDM QPSK	3725.01	Edge_1RB_Left	22.41	/	/	21.89	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	21.89	/	/	<=30	Pass
		Outer_Full	22.87	/	/	22.35	/	/	<=30	Pass
		Inner_Full	24.33	/	/	23.81	/	/	<=30	Pass
		Inner_1RB_Left	24.21	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Right	24.18	/	/	23.66	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.38	/	/	21.86	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	21.88	/	/	<=30	Pass
		Outer_Full	22.76	/	/	22.24	/	/	<=30	Pass
		Inner_Full	24.33	/	/	23.81	/	/	<=30	Pass
		Inner_1RB_Left	24.27	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Right	24.22	/	/	23.70	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	22.31	/	/	21.79	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	21.63	/	/	<=30	Pass
		Outer_Full	22.74	/	/	22.22	/	/	<=30	Pass
		Inner_Full	24.35	/	/	23.83	/	/	<=30	Pass
		Inner_1RB_Left	24.10	/	/	23.58	/	/	<=30	Pass

		Inner 1RB Right	24.06	/	/	23.54	/	/	<=30	Pass
CP-OFDM 16 QAM	3725.01	Edge 1RB Left	22.30	/	/	21.78	/	/	<=30	Pass
		Edge 1RB Right	22.49	/	/	21.97	/	/	<=30	Pass
		Outer Full	22.91	/	/	22.39	/	/	<=30	Pass
		Inner Full	23.80	/	/	23.28	/	/	<=30	Pass
		Inner 1RB Left	23.78	/	/	23.26	/	/	<=30	Pass
		Inner 1RB Right	23.75	/	/	23.23	/	/	<=30	Pass
	3750	Edge 1RB Left	22.25	/	/	21.73	/	/	<=30	Pass
		Edge 1RB Right	22.19	/	/	21.67	/	/	<=30	Pass
		Outer Full	22.89	/	/	22.37	/	/	<=30	Pass
		Inner Full	23.88	/	/	23.36	/	/	<=30	Pass
		Inner 1RB Left	23.84	/	/	23.32	/	/	<=30	Pass
		Inner 1RB Right	23.72	/	/	23.20	/	/	<=30	Pass
	3774.99	Edge 1RB Left	22.08	/	/	21.56	/	/	<=30	Pass
		Edge 1RB Right	22.01	/	/	21.49	/	/	<=30	Pass
		Outer Full	22.67	/	/	22.15	/	/	<=30	Pass
		Inner Full	23.74	/	/	23.22	/	/	<=30	Pass
		Inner 1RB Left	23.68	/	/	23.16	/	/	<=30	Pass
		Inner 1RB Right	23.75	/	/	23.23	/	/	<=30	Pass
CP-OFDM 64 QAM	3725.01	Edge 1RB Left	22.23	/	/	21.71	/	/	<=30	Pass
		Edge 1RB Right	22.22	/	/	21.70	/	/	<=30	Pass
		Outer Full	22.21	/	/	21.69	/	/	<=30	Pass
		Inner Full	22.31	/	/	21.79	/	/	<=30	Pass
		Inner 1RB Left	22.24	/	/	21.72	/	/	<=30	Pass
		Inner 1RB Right	22.23	/	/	21.71	/	/	<=30	Pass
	3750	Edge 1RB Left	22.19	/	/	21.67	/	/	<=30	Pass
		Edge 1RB Right	22.42	/	/	21.90	/	/	<=30	Pass
		Outer Full	22.19	/	/	21.67	/	/	<=30	Pass
		Inner Full	22.32	/	/	21.80	/	/	<=30	Pass
		Inner 1RB Left	22.22	/	/	21.70	/	/	<=30	Pass
		Inner 1RB Right	22.41	/	/	21.89	/	/	<=30	Pass
	3774.99	Edge 1RB Left	22.24	/	/	21.72	/	/	<=30	Pass
		Edge 1RB Right	22.18	/	/	21.66	/	/	<=30	Pass
		Outer Full	22.16	/	/	21.64	/	/	<=30	Pass
		Inner Full	22.37	/	/	21.85	/	/	<=30	Pass
		Inner 1RB Left	22.24	/	/	21.72	/	/	<=30	Pass
		Inner 1RB Right	22.16	/	/	21.64	/	/	<=30	Pass
CP-OFDM 256 QAM	3725.01	Edge 1RB Left	19.14	/	/	18.62	/	/	<=30	Pass
		Edge 1RB Right	18.84	/	/	18.32	/	/	<=30	Pass
		Outer Full	19.17	/	/	18.65	/	/	<=30	Pass
		Inner Full	19.20	/	/	18.68	/	/	<=30	Pass
		Inner 1RB Left	19.05	/	/	18.53	/	/	<=30	Pass
		Inner 1RB Right	18.82	/	/	18.30	/	/	<=30	Pass
	3750	Edge 1RB Left	18.79	/	/	18.27	/	/	<=30	Pass
		Edge 1RB Right	18.82	/	/	18.30	/	/	<=30	Pass
		Outer Full	19.17	/	/	18.65	/	/	<=30	Pass
		Inner Full	19.52	/	/	19.00	/	/	<=30	Pass
		Inner 1RB Left	18.80	/	/	18.29	/	/	<=30	Pass
		Inner 1RB Right	18.82	/	/	18.30	/	/	<=30	Pass
	3774.99	Edge 1RB Left	18.85	/	/	18.33	/	/	<=30	Pass
		Edge 1RB Right	18.67	/	/	18.15	/	/	<=30	Pass
		Outer Full	19.38	/	/	18.86	/	/	<=30	Pass
		Inner Full	19.38	/	/	18.86	/	/	<=30	Pass

		Inner_1RB_Left	18.95	/	/	18.43	/	/	<=30	Pass
		Inner_1RB_Right	18.87	/	/	18.35	/	/	<=30	Pass
Note1: Antenna Gain: Ant7: -0.52dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30_S_60M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant7	Ant2	Sum	Ant7	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3730.02	Edge_1RB_Left	22.12	/	/	21.60	/	/	<=30	Pass
		Edge_1RB_Right	22.49	/	/	21.97	/	/	<=30	Pass
		Outer_Full	25.44	/	/	24.92	/	/	<=30	Pass
		Inner_Full	25.81	/	/	25.29	/	/	<=30	Pass
		Inner_1RB_Left	26.04	/	/	25.52	/	/	<=30	Pass
		Inner_1RB_Right	25.74	/	/	25.22	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.42	/	/	21.90	/	/	<=30	Pass
		Edge_1RB_Right	22.13	/	/	21.61	/	/	<=30	Pass
		Outer_Full	25.30	/	/	24.78	/	/	<=30	Pass
		Inner_Full	25.89	/	/	25.37	/	/	<=30	Pass
		Inner_1RB_Left	25.90	/	/	25.38	/	/	<=30	Pass
		Inner_1RB_Right	25.70	/	/	25.18	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	22.29	/	/	21.77	/	/	<=30	Pass
		Edge_1RB_Right	22.09	/	/	21.57	/	/	<=30	Pass
		Outer_Full	25.45	/	/	24.93	/	/	<=30	Pass
		Inner_Full	25.90	/	/	25.38	/	/	<=30	Pass
		Inner_1RB_Left	25.75	/	/	25.23	/	/	<=30	Pass
		Inner_1RB_Right	25.74	/	/	25.22	/	/	<=30	Pass
DFT-s-OFDM QPSK	3730.02	Edge_1RB_Left	22.46	/	/	21.95	/	/	<=30	Pass
		Edge_1RB_Right	22.18	/	/	21.66	/	/	<=30	Pass
		Outer_Full	24.77	/	/	24.26	/	/	<=30	Pass
		Inner_Full	25.85	/	/	25.33	/	/	<=30	Pass
		Inner_1RB_Left	25.81	/	/	25.29	/	/	<=30	Pass
		Inner_1RB_Right	25.80	/	/	25.28	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.08	/	/	21.56	/	/	<=30	Pass
		Edge_1RB_Right	22.13	/	/	21.61	/	/	<=30	Pass
		Outer_Full	24.89	/	/	24.37	/	/	<=30	Pass
		Inner_Full	25.83	/	/	25.31	/	/	<=30	Pass
		Inner_1RB_Left	25.90	/	/	25.38	/	/	<=30	Pass
		Inner_1RB_Right	25.73	/	/	25.21	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	22.11	/	/	21.59	/	/	<=30	Pass
		Edge_1RB_Right	22.30	/	/	21.78	/	/	<=30	Pass
		Outer_Full	24.74	/	/	24.22	/	/	<=30	Pass
		Inner_Full	25.82	/	/	25.30	/	/	<=30	Pass
		Inner_1RB_Left	25.80	/	/	25.28	/	/	<=30	Pass
		Inner_1RB_Right	25.88	/	/	25.36	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3730.02	Edge_1RB_Left	22.48	/	/	21.96	/	/	<=30	Pass
		Edge_1RB_Right	22.20	/	/	21.68	/	/	<=30	Pass
		Outer_Full	23.76	/	/	23.24	/	/	<=30	Pass
		Inner_Full	24.77	/	/	24.25	/	/	<=30	Pass
		Inner_1RB_Left	24.92	/	/	24.40	/	/	<=30	Pass

	3750	Inner 1RB Right	24.87	/	/	24.35	/	/	<=30	Pass
		Edge 1RB Left	22.41	/	/	21.89	/	/	<=30	Pass
		Edge 1RB Right	22.12	/	/	21.61	/	/	<=30	Pass
		Outer Full	23.73	/	/	23.22	/	/	<=30	Pass
		Inner Full	24.94	/	/	24.42	/	/	<=30	Pass
		Inner 1RB Left	24.79	/	/	24.27	/	/	<=30	Pass
		Inner 1RB Right	24.73	/	/	24.21	/	/	<=30	Pass
	3769.98	Edge 1RB Left	22.33	/	/	21.81	/	/	<=30	Pass
		Edge 1RB Right	22.13	/	/	21.61	/	/	<=30	Pass
		Outer Full	23.74	/	/	23.22	/	/	<=30	Pass
		Inner Full	24.73	/	/	24.21	/	/	<=30	Pass
		Inner 1RB Left	24.81	/	/	24.29	/	/	<=30	Pass
		Inner 1RB Right	24.79	/	/	24.27	/	/	<=30	Pass
		Edge 1RB Left	22.19	/	/	21.67	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3730.02	Edge 1RB Right	22.21	/	/	21.69	/	/	<=30	Pass
		Outer Full	23.23	/	/	22.71	/	/	<=30	Pass
		Inner Full	23.48	/	/	22.96	/	/	<=30	Pass
		Inner 1RB Left	23.45	/	/	22.93	/	/	<=30	Pass
		Inner 1RB Right	23.19	/	/	22.67	/	/	<=30	Pass
		Edge 1RB Left	22.27	/	/	21.75	/	/	<=30	Pass
	3750	Edge 1RB Right	22.01	/	/	21.49	/	/	<=30	Pass
		Outer Full	23.53	/	/	23.01	/	/	<=30	Pass
		Inner Full	23.47	/	/	22.95	/	/	<=30	Pass
		Inner 1RB Left	23.13	/	/	22.61	/	/	<=30	Pass
		Inner 1RB Right	23.09	/	/	22.57	/	/	<=30	Pass
		Edge 1RB Left	22.21	/	/	21.69	/	/	<=30	Pass
	3769.98	Edge 1RB Right	22.42	/	/	21.90	/	/	<=30	Pass
		Outer Full	23.23	/	/	22.71	/	/	<=30	Pass
		Inner Full	23.38	/	/	22.86	/	/	<=30	Pass
		Inner 1RB Left	23.39	/	/	22.87	/	/	<=30	Pass
		Inner 1RB Right	23.29	/	/	22.77	/	/	<=30	Pass
		Edge 1RB Left	21.01	/	/	20.49	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3730.02	Edge 1RB Right	21.28	/	/	20.76	/	/	<=30	Pass
		Outer Full	21.44	/	/	20.92	/	/	<=30	Pass
		Inner Full	21.52	/	/	21.00	/	/	<=30	Pass
		Inner 1RB Left	21.35	/	/	20.83	/	/	<=30	Pass
		Inner 1RB Right	21.12	/	/	20.60	/	/	<=30	Pass
		Edge 1RB Left	21.36	/	/	20.84	/	/	<=30	Pass
	3750	Edge 1RB Right	21.32	/	/	20.80	/	/	<=30	Pass
		Outer Full	21.21	/	/	20.69	/	/	<=30	Pass
		Inner Full	21.21	/	/	20.69	/	/	<=30	Pass
		Inner 1RB Left	21.19	/	/	20.67	/	/	<=30	Pass
		Inner 1RB Right	21.05	/	/	20.53	/	/	<=30	Pass
		Edge 1RB Left	20.91	/	/	20.39	/	/	<=30	Pass
	3769.98	Edge 1RB Right	21.23	/	/	20.71	/	/	<=30	Pass
		Outer Full	21.13	/	/	20.61	/	/	<=30	Pass
		Inner Full	21.12	/	/	20.60	/	/	<=30	Pass
		Inner 1RB Left	20.95	/	/	20.43	/	/	<=30	Pass
		Inner 1RB Right	21.18	/	/	20.66	/	/	<=30	Pass
		Edge 1RB Left	22.32	/	/	21.80	/	/	<=30	Pass
CP-OFDM QPSK	3730.02	Edge 1RB Right	22.30	/	/	21.78	/	/	<=30	Pass
		Outer Full	22.93	/	/	22.41	/	/	<=30	Pass
		Inner Full	24.28	/	/	23.76	/	/	<=30	Pass
		Inner Full	24.28	/	/	23.76	/	/	<=30	Pass

		Inner 1RB Left	24.27	/	/	23.75	/	/	<=30	Pass
		Inner 1RB Right	24.28	/	/	23.76	/	/	<=30	Pass
	3750	Edge 1RB Left	22.20	/	/	21.68	/	/	<=30	Pass
		Edge 1RB Right	22.48	/	/	21.96	/	/	<=30	Pass
		Outer Full	22.76	/	/	22.24	/	/	<=30	Pass
		Inner Full	24.26	/	/	23.74	/	/	<=30	Pass
		Inner 1RB Left	24.35	/	/	23.83	/	/	<=30	Pass
		Inner 1RB Right	24.28	/	/	23.76	/	/	<=30	Pass
	3769.98	Edge 1RB Left	22.16	/	/	21.64	/	/	<=30	Pass
		Edge 1RB Right	22.29	/	/	21.77	/	/	<=30	Pass
		Outer Full	22.67	/	/	22.15	/	/	<=30	Pass
		Inner Full	24.33	/	/	23.81	/	/	<=30	Pass
		Inner 1RB Left	24.22	/	/	23.70	/	/	<=30	Pass
		Inner 1RB Right	24.19	/	/	23.67	/	/	<=30	Pass
CP-OFDM 16 QAM	3730.02	Edge 1RB Left	22.20	/	/	21.68	/	/	<=30	Pass
		Edge 1RB Right	22.28	/	/	21.76	/	/	<=30	Pass
		Outer Full	22.77	/	/	22.25	/	/	<=30	Pass
		Inner Full	23.82	/	/	23.30	/	/	<=30	Pass
		Inner 1RB Left	24.00	/	/	23.48	/	/	<=30	Pass
		Inner 1RB Right	23.84	/	/	23.32	/	/	<=30	Pass
	3750	Edge 1RB Left	22.46	/	/	21.94	/	/	<=30	Pass
		Edge 1RB Right	22.24	/	/	21.72	/	/	<=30	Pass
		Outer Full	22.76	/	/	22.24	/	/	<=30	Pass
		Inner Full	23.83	/	/	23.31	/	/	<=30	Pass
		Inner 1RB Left	23.80	/	/	23.28	/	/	<=30	Pass
		Inner 1RB Right	23.94	/	/	23.42	/	/	<=30	Pass
	3769.98	Edge 1RB Left	22.16	/	/	21.64	/	/	<=30	Pass
		Edge 1RB Right	22.19	/	/	21.67	/	/	<=30	Pass
		Outer Full	22.67	/	/	22.15	/	/	<=30	Pass
		Inner Full	23.75	/	/	23.23	/	/	<=30	Pass
		Inner 1RB Left	23.78	/	/	23.26	/	/	<=30	Pass
		Inner 1RB Right	23.78	/	/	23.26	/	/	<=30	Pass
CP-OFDM 64 QAM	3730.02	Edge 1RB Left	22.12	/	/	21.60	/	/	<=30	Pass
		Edge 1RB Right	22.42	/	/	21.90	/	/	<=30	Pass
		Outer Full	22.19	/	/	21.67	/	/	<=30	Pass
		Inner Full	22.44	/	/	21.92	/	/	<=30	Pass
		Inner 1RB Left	22.20	/	/	21.68	/	/	<=30	Pass
		Inner 1RB Right	22.23	/	/	21.72	/	/	<=30	Pass
	3750	Edge 1RB Left	22.40	/	/	21.88	/	/	<=30	Pass
		Edge 1RB Right	22.40	/	/	21.88	/	/	<=30	Pass
		Outer Full	22.49	/	/	21.97	/	/	<=30	Pass
		Inner Full	22.42	/	/	21.90	/	/	<=30	Pass
		Inner 1RB Left	22.51	/	/	21.99	/	/	<=30	Pass
		Inner 1RB Right	22.44	/	/	21.92	/	/	<=30	Pass
	3769.98	Edge 1RB Left	22.19	/	/	21.67	/	/	<=30	Pass
		Edge 1RB Right	22.33	/	/	21.81	/	/	<=30	Pass
		Outer Full	22.19	/	/	21.67	/	/	<=30	Pass
		Inner Full	22.33	/	/	21.81	/	/	<=30	Pass
		Inner 1RB Left	22.46	/	/	21.94	/	/	<=30	Pass
		Inner 1RB Right	22.17	/	/	21.65	/	/	<=30	Pass
CP-OFDM 256 QAM	3730.02	Edge 1RB Left	19.04	/	/	18.52	/	/	<=30	Pass
		Edge 1RB Right	19.14	/	/	18.62	/	/	<=30	Pass
		Outer Full	19.26	/	/	18.74	/	/	<=30	Pass

		Inner_Full	19.18	/	/	18.66	/	/	<=30	Pass
		Inner_1RB_Left	18.89	/	/	18.37	/	/	<=30	Pass
		Inner_1RB_Right	19.16	/	/	18.65	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.81	/	/	18.29	/	/	<=30	Pass
		Edge_1RB_Right	19.13	/	/	18.61	/	/	<=30	Pass
		Outer_Full	19.23	/	/	18.71	/	/	<=30	Pass
		Inner_Full	19.14	/	/	18.62	/	/	<=30	Pass
		Inner_1RB_Left	18.88	/	/	18.36	/	/	<=30	Pass
		Inner_1RB_Right	19.05	/	/	18.53	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	19.03	/	/	18.51	/	/	<=30	Pass
		Edge_1RB_Right	19.08	/	/	18.56	/	/	<=30	Pass
		Outer_Full	19.16	/	/	18.65	/	/	<=30	Pass
		Inner_Full	19.09	/	/	18.58	/	/	<=30	Pass
		Inner_1RB_Left	19.08	/	/	18.56	/	/	<=30	Pass
		Inner_1RB_Right	18.77	/	/	18.25	/	/	<=30	Pass
Note1: Antenna Gain: Ant7: -0.52dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30_S_70M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 70MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant7	Ant2	Sum	Ant7	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3735	Edge 1RB Left	22.11	/	/	21.59	/	/	<=30	Pass
		Edge 1RB Right	21.99	/	/	21.47	/	/	<=30	Pass
		Outer Full	25.19	/	/	24.67	/	/	<=30	Pass
		Inner Full	25.99	/	/	25.47	/	/	<=30	Pass
		Inner 1RB Left	25.68	/	/	25.16	/	/	<=30	Pass
		Inner 1RB Right	25.65	/	/	25.13	/	/	<=30	Pass
	3750	Edge 1RB Left	22.16	/	/	21.64	/	/	<=30	Pass
		Edge 1RB Right	22.30	/	/	21.78	/	/	<=30	Pass
		Outer Full	25.31	/	/	24.79	/	/	<=30	Pass
		Inner Full	25.80	/	/	25.28	/	/	<=30	Pass
		Inner 1RB Left	25.90	/	/	25.38	/	/	<=30	Pass
		Inner 1RB Right	25.61	/	/	25.09	/	/	<=30	Pass
	3765	Edge 1RB Left	22.21	/	/	21.69	/	/	<=30	Pass
		Edge 1RB Right	21.91	/	/	21.40	/	/	<=30	Pass
		Outer Full	25.32	/	/	24.80	/	/	<=30	Pass
		Inner Full	25.64	/	/	25.12	/	/	<=30	Pass
		Inner 1RB Left	25.93	/	/	25.41	/	/	<=30	Pass
		Inner 1RB Right	25.57	/	/	25.05	/	/	<=30	Pass
DFT-s-OFDM QPSK	3735	Edge 1RB Left	22.19	/	/	21.67	/	/	<=30	Pass
		Edge 1RB Right	22.06	/	/	21.54	/	/	<=30	Pass
		Outer Full	24.70	/	/	24.18	/	/	<=30	Pass
		Inner Full	25.79	/	/	25.27	/	/	<=30	Pass
		Inner 1RB Left	25.80	/	/	25.28	/	/	<=30	Pass
		Inner 1RB Right	25.86	/	/	25.34	/	/	<=30	Pass
	3750	Edge 1RB Left	22.21	/	/	21.69	/	/	<=30	Pass
		Edge 1RB Right	22.22	/	/	21.70	/	/	<=30	Pass
		Outer Full	24.88	/	/	24.36	/	/	<=30	Pass
		Inner Full	25.68	/	/	25.16	/	/	<=30	Pass

		Inner_1RB_Left	26.04	/	/	25.52	/	/	<=30	Pass
		Inner_1RB_Right	25.82	/	/	25.30	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.15	/	/	21.63	/	/	<=30	Pass
		Edge_1RB_Right	21.87	/	/	21.35	/	/	<=30	Pass
		Outer_Full	24.59	/	/	24.07	/	/	<=30	Pass
		Inner_Full	25.78	/	/	25.26	/	/	<=30	Pass
		Inner_1RB_Left	25.87	/	/	25.35	/	/	<=30	Pass
		Inner_1RB_Right	25.50	/	/	24.98	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3735	Edge_1RB_Left	22.34	/	/	21.82	/	/	<=30	Pass
		Edge_1RB_Right	22.30	/	/	21.78	/	/	<=30	Pass
		Outer_Full	23.87	/	/	23.35	/	/	<=30	Pass
		Inner_Full	24.80	/	/	24.28	/	/	<=30	Pass
		Inner_1RB_Left	24.89	/	/	24.37	/	/	<=30	Pass
		Inner_1RB_Right	24.67	/	/	24.15	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.46	/	/	21.94	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	21.81	/	/	<=30	Pass
		Outer_Full	23.66	/	/	23.14	/	/	<=30	Pass
		Inner_Full	24.90	/	/	24.38	/	/	<=30	Pass
		Inner_1RB_Left	24.97	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Right	24.77	/	/	24.25	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.28	/	/	21.76	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	21.70	/	/	<=30	Pass
		Outer_Full	23.67	/	/	23.15	/	/	<=30	Pass
		Inner_Full	24.70	/	/	24.18	/	/	<=30	Pass
		Inner_1RB_Left	24.95	/	/	24.43	/	/	<=30	Pass
		Inner_1RB_Right	24.69	/	/	24.17	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3735	Edge_1RB_Left	22.29	/	/	21.77	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	21.84	/	/	<=30	Pass
		Outer_Full	23.27	/	/	22.75	/	/	<=30	Pass
		Inner_Full	23.17	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Left	23.35	/	/	22.83	/	/	<=30	Pass
		Inner_1RB_Right	23.24	/	/	22.72	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.14	/	/	21.62	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	21.74	/	/	<=30	Pass
		Outer_Full	23.18	/	/	22.66	/	/	<=30	Pass
		Inner_Full	23.20	/	/	22.68	/	/	<=30	Pass
		Inner_1RB_Left	23.17	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Right	23.12	/	/	22.60	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.18	/	/	21.66	/	/	<=30	Pass
		Edge_1RB_Right	21.88	/	/	21.36	/	/	<=30	Pass
		Outer_Full	23.28	/	/	22.76	/	/	<=30	Pass
		Inner_Full	23.31	/	/	22.79	/	/	<=30	Pass
		Inner_1RB_Left	23.32	/	/	22.80	/	/	<=30	Pass
		Inner_1RB_Right	23.07	/	/	22.56	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3735	Edge_1RB_Left	20.97	/	/	20.45	/	/	<=30	Pass
		Edge_1RB_Right	20.86	/	/	20.34	/	/	<=30	Pass
		Outer_Full	21.48	/	/	20.96	/	/	<=30	Pass
		Inner_Full	21.15	/	/	20.63	/	/	<=30	Pass
		Inner_1RB_Left	21.09	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Right	21.10	/	/	20.58	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.28	/	/	20.76	/	/	<=30	Pass
		Edge_1RB_Right	20.90	/	/	20.38	/	/	<=30	Pass
		Outer_Full	21.38	/	/	20.86	/	/	<=30	Pass

		Inner Full	21.26	/	/	20.74	/	/	<=30	Pass
		Inner 1RB Left	21.32	/	/	20.80	/	/	<=30	Pass
		Inner 1RB Right	20.94	/	/	20.42	/	/	<=30	Pass
	3765	Edge 1RB Left	21.32	/	/	20.80	/	/	<=30	Pass
		Edge 1RB Right	21.21	/	/	20.69	/	/	<=30	Pass
		Outer Full	15.86	/	/	15.34	/	/	<=30	Pass
		Inner Full	21.08	/	/	20.56	/	/	<=30	Pass
		Inner 1RB Left	21.10	/	/	20.58	/	/	<=30	Pass
		Inner 1RB Right	20.87	/	/	20.35	/	/	<=30	Pass
CP-OFDM QPSK	3735	Edge 1RB Left	22.34	/	/	21.82	/	/	<=30	Pass
		Edge 1RB Right	22.20	/	/	21.68	/	/	<=30	Pass
		Outer Full	22.91	/	/	22.39	/	/	<=30	Pass
		Inner Full	24.25	/	/	23.73	/	/	<=30	Pass
		Inner 1RB Left	24.40	/	/	23.88	/	/	<=30	Pass
		Inner 1RB Right	24.19	/	/	23.67	/	/	<=30	Pass
	3750	Edge 1RB Left	22.49	/	/	21.97	/	/	<=30	Pass
		Edge 1RB Right	22.16	/	/	21.64	/	/	<=30	Pass
		Outer Full	22.61	/	/	22.09	/	/	<=30	Pass
		Inner Full	24.25	/	/	23.73	/	/	<=30	Pass
		Inner 1RB Left	24.30	/	/	23.78	/	/	<=30	Pass
		Inner 1RB Right	24.50	/	/	23.98	/	/	<=30	Pass
	3765	Edge 1RB Left	22.30	/	/	21.78	/	/	<=30	Pass
		Edge 1RB Right	22.01	/	/	21.49	/	/	<=30	Pass
		Outer Full	22.81	/	/	22.29	/	/	<=30	Pass
		Inner Full	24.17	/	/	23.65	/	/	<=30	Pass
		Inner 1RB Left	24.20	/	/	23.68	/	/	<=30	Pass
		Inner 1RB Right	23.95	/	/	23.43	/	/	<=30	Pass
CP-OFDM 16 QAM	3735	Edge 1RB Left	22.21	/	/	21.69	/	/	<=30	Pass
		Edge 1RB Right	22.38	/	/	21.86	/	/	<=30	Pass
		Outer Full	22.95	/	/	22.43	/	/	<=30	Pass
		Inner Full	23.74	/	/	23.22	/	/	<=30	Pass
		Inner 1RB Left	23.94	/	/	23.42	/	/	<=30	Pass
		Inner 1RB Right	23.66	/	/	23.14	/	/	<=30	Pass
	3750	Edge 1RB Left	22.14	/	/	21.62	/	/	<=30	Pass
		Edge 1RB Right	22.16	/	/	21.65	/	/	<=30	Pass
		Outer Full	22.74	/	/	22.22	/	/	<=30	Pass
		Inner Full	23.75	/	/	23.23	/	/	<=30	Pass
		Inner 1RB Left	23.96	/	/	23.44	/	/	<=30	Pass
		Inner 1RB Right	23.70	/	/	23.18	/	/	<=30	Pass
	3765	Edge 1RB Left	22.35	/	/	21.83	/	/	<=30	Pass
		Edge 1RB Right	22.22	/	/	21.70	/	/	<=30	Pass
		Outer Full	22.83	/	/	22.31	/	/	<=30	Pass
		Inner Full	23.84	/	/	23.32	/	/	<=30	Pass
		Inner 1RB Left	23.81	/	/	23.29	/	/	<=30	Pass
		Inner 1RB Right	23.57	/	/	23.05	/	/	<=30	Pass
CP-OFDM 64 QAM	3735	Edge 1RB Left	22.44	/	/	21.92	/	/	<=30	Pass
		Edge 1RB Right	22.20	/	/	21.69	/	/	<=30	Pass
		Outer Full	22.45	/	/	21.94	/	/	<=30	Pass
		Inner Full	22.33	/	/	21.81	/	/	<=30	Pass
		Inner 1RB Left	22.59	/	/	22.07	/	/	<=30	Pass
		Inner 1RB Right	22.11	/	/	21.59	/	/	<=30	Pass
	3750	Edge 1RB Left	22.10	/	/	21.58	/	/	<=30	Pass
		Edge 1RB Right	22.07	/	/	21.56	/	/	<=30	Pass

CP-OFDM 256 QAM		Outer_Full	22.26	/	/	21.74	/	/	<=30	Pass
		Inner_Full	22.37	/	/	21.85	/	/	<=30	Pass
		Inner_1RB_Left	22.15	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Right	22.11	/	/	21.59	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.61	/	/	22.10	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	21.70	/	/	<=30	Pass
		Outer_Full	22.16	/	/	21.64	/	/	<=30	Pass
		Inner_Full	22.08	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Left	22.68	/	/	22.16	/	/	<=30	Pass
		Inner_1RB_Right	22.15	/	/	21.63	/	/	<=30	Pass
		Edge_1RB_Left	18.86	/	/	18.34	/	/	<=30	Pass
		Edge_1RB_Right	19.34	/	/	18.82	/	/	<=30	Pass
	3735	Outer_Full	19.40	/	/	18.88	/	/	<=30	Pass
		Inner_Full	19.14	/	/	18.62	/	/	<=30	Pass
		Inner_1RB_Left	19.23	/	/	18.71	/	/	<=30	Pass
		Inner_1RB_Right	18.81	/	/	18.29	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.22	/	/	18.70	/	/	<=30	Pass
		Edge_1RB_Right	18.88	/	/	18.36	/	/	<=30	Pass
		Outer_Full	19.08	/	/	18.56	/	/	<=30	Pass
		Inner_Full	19.19	/	/	18.67	/	/	<=30	Pass
		Inner_1RB_Left	18.94	/	/	18.42	/	/	<=30	Pass
		Inner_1RB_Right	19.10	/	/	18.58	/	/	<=30	Pass
	3765	Edge_1RB_Left	18.93	/	/	18.41	/	/	<=30	Pass
		Edge_1RB_Right	18.70	/	/	18.18	/	/	<=30	Pass
		Outer_Full	19.10	/	/	18.58	/	/	<=30	Pass
		Inner_Full	19.07	/	/	18.55	/	/	<=30	Pass
		Inner_1RB_Left	19.07	/	/	18.55	/	/	<=30	Pass
		Inner_1RB_Right	18.71	/	/	18.20	/	/	<=30	Pass

Note1: Antenna Gain: Ant7: -0.52dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.7 30_S_80M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant7	Ant2	Sum	Ant7	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3740.01	Edge_1RB_Left	22.09	/	/	21.57	/	/	<=30	Pass
		Edge_1RB_Right	22.02	/	/	21.50	/	/	<=30	Pass
		Outer_Full	25.43	/	/	24.91	/	/	<=30	Pass
		Inner_Full	25.70	/	/	25.18	/	/	<=30	Pass
		Inner_1RB_Left	25.73	/	/	25.21	/	/	<=30	Pass
		Inner_1RB_Right	25.66	/	/	25.14	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.50	/	/	21.98	/	/	<=30	Pass
		Edge_1RB_Right	22.01	/	/	21.49	/	/	<=30	Pass
		Outer_Full	25.21	/	/	24.69	/	/	<=30	Pass
		Inner_Full	25.70	/	/	25.18	/	/	<=30	Pass
		Inner_1RB_Left	25.94	/	/	25.42	/	/	<=30	Pass
		Inner_1RB_Right	25.67	/	/	25.15	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.09	/	/	21.57	/	/	<=30	Pass
		Edge_1RB_Right	22.00	/	/	21.48	/	/	<=30	Pass
		Outer_Full	25.35	/	/	24.83	/	/	<=30	Pass

		Inner Full	25.88	/	/	25.36	/	/	<=30	Pass
		Inner 1RB Left	25.66	/	/	25.14	/	/	<=30	Pass
		Inner 1RB Right	25.56	/	/	25.04	/	/	<=30	Pass
DFT-s-OFDM QPSK	3740.01	Edge 1RB Left	22.11	/	/	21.59	/	/	<=30	Pass
		Edge 1RB Right	22.27	/	/	21.75	/	/	<=30	Pass
		Outer Full	24.69	/	/	24.17	/	/	<=30	Pass
		Inner Full	25.86	/	/	25.34	/	/	<=30	Pass
		Inner 1RB Left	25.85	/	/	25.33	/	/	<=30	Pass
		Inner 1RB Right	25.61	/	/	25.09	/	/	<=30	Pass
	3750	Edge 1RB Left	22.45	/	/	21.93	/	/	<=30	Pass
		Edge 1RB Right	22.06	/	/	21.54	/	/	<=30	Pass
		Outer Full	24.79	/	/	24.27	/	/	<=30	Pass
		Inner Full	25.68	/	/	25.16	/	/	<=30	Pass
		Inner 1RB Left	25.74	/	/	25.22	/	/	<=30	Pass
		Inner 1RB Right	25.56	/	/	25.04	/	/	<=30	Pass
	3759.99	Edge 1RB Left	22.45	/	/	21.93	/	/	<=30	Pass
		Edge 1RB Right	21.91	/	/	21.39	/	/	<=30	Pass
		Outer Full	24.64	/	/	24.12	/	/	<=30	Pass
		Inner Full	25.73	/	/	25.21	/	/	<=30	Pass
		Inner 1RB Left	25.86	/	/	25.34	/	/	<=30	Pass
		Inner 1RB Right	25.46	/	/	24.94	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3740.01	Edge 1RB Left	22.24	/	/	21.72	/	/	<=30	Pass
		Edge 1RB Right	22.32	/	/	21.80	/	/	<=30	Pass
		Outer Full	23.88	/	/	23.36	/	/	<=30	Pass
		Inner Full	24.72	/	/	24.20	/	/	<=30	Pass
		Inner 1RB Left	24.78	/	/	24.26	/	/	<=30	Pass
		Inner 1RB Right	24.72	/	/	24.20	/	/	<=30	Pass
	3750	Edge 1RB Left	22.46	/	/	21.94	/	/	<=30	Pass
		Edge 1RB Right	22.10	/	/	21.58	/	/	<=30	Pass
		Outer Full	23.56	/	/	23.04	/	/	<=30	Pass
		Inner Full	24.81	/	/	24.29	/	/	<=30	Pass
		Inner 1RB Left	24.75	/	/	24.23	/	/	<=30	Pass
		Inner 1RB Right	24.66	/	/	24.14	/	/	<=30	Pass
	3759.99	Edge 1RB Left	22.45	/	/	21.93	/	/	<=30	Pass
		Edge 1RB Right	21.96	/	/	21.44	/	/	<=30	Pass
		Outer Full	23.72	/	/	23.20	/	/	<=30	Pass
		Inner Full	24.87	/	/	24.35	/	/	<=30	Pass
		Inner 1RB Left	24.98	/	/	24.47	/	/	<=30	Pass
		Inner 1RB Right	24.59	/	/	24.07	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3740.01	Edge 1RB Left	22.39	/	/	21.87	/	/	<=30	Pass
		Edge 1RB Right	22.04	/	/	21.52	/	/	<=30	Pass
		Outer Full	23.17	/	/	22.65	/	/	<=30	Pass
		Inner Full	23.18	/	/	22.66	/	/	<=30	Pass
		Inner 1RB Left	23.39	/	/	22.87	/	/	<=30	Pass
		Inner 1RB Right	23.08	/	/	22.56	/	/	<=30	Pass
	3750	Edge 1RB Left	22.53	/	/	22.01	/	/	<=30	Pass
		Edge 1RB Right	22.14	/	/	21.62	/	/	<=30	Pass
		Outer Full	23.35	/	/	22.83	/	/	<=30	Pass
		Inner Full	23.09	/	/	22.57	/	/	<=30	Pass
		Inner 1RB Left	23.39	/	/	22.87	/	/	<=30	Pass
		Inner 1RB Right	23.35	/	/	22.83	/	/	<=30	Pass
	3759.99	Edge 1RB Left	22.37	/	/	21.85	/	/	<=30	Pass
		Edge 1RB Right	22.19	/	/	21.67	/	/	<=30	Pass

DFT-s-OFDM 256 QAM		Outer_Full	23.31	/	/	22.79	/	/	<=30	Pass
		Inner_Full	23.15	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Left	23.42	/	/	22.90	/	/	<=30	Pass
		Inner_1RB_Right	22.97	/	/	22.45	/	/	<=30	Pass
	3740.01	Edge_1RB_Left	21.15	/	/	20.63	/	/	<=30	Pass
		Edge_1RB_Right	20.85	/	/	20.33	/	/	<=30	Pass
		Outer_Full	21.18	/	/	20.66	/	/	<=30	Pass
		Inner_Full	21.16	/	/	20.64	/	/	<=30	Pass
	3750	Inner_1RB_Left	21.00	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Right	20.90	/	/	20.38	/	/	<=30	Pass
		Edge_1RB_Left	21.04	/	/	20.52	/	/	<=30	Pass
		Edge_1RB_Right	20.88	/	/	20.36	/	/	<=30	Pass
CP-OFDM QPSK	3750	Outer_Full	21.30	/	/	20.78	/	/	<=30	Pass
		Inner_Full	21.07	/	/	20.56	/	/	<=30	Pass
		Inner_1RB_Left	21.05	/	/	20.53	/	/	<=30	Pass
		Inner_1RB_Right	20.81	/	/	20.29	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	20.94	/	/	20.42	/	/	<=30	Pass
		Edge_1RB_Right	20.74	/	/	20.22	/	/	<=30	Pass
		Outer_Full	21.13	/	/	20.61	/	/	<=30	Pass
		Inner_Full	21.34	/	/	20.83	/	/	<=30	Pass
	3740.01	Inner_1RB_Left	21.28	/	/	20.76	/	/	<=30	Pass
		Inner_1RB_Right	21.02	/	/	20.50	/	/	<=30	Pass
		Edge_1RB_Left	22.30	/	/	21.78	/	/	<=30	Pass
		Edge_1RB_Right	22.09	/	/	21.58	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Outer_Full	22.88	/	/	22.36	/	/	<=30	Pass
		Inner_Full	24.36	/	/	23.84	/	/	<=30	Pass
		Inner_1RB_Left	24.10	/	/	23.58	/	/	<=30	Pass
		Inner_1RB_Right	24.31	/	/	23.79	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.28	/	/	21.76	/	/	<=30	Pass
		Edge_1RB_Right	22.07	/	/	21.55	/	/	<=30	Pass
		Outer_Full	22.82	/	/	22.30	/	/	<=30	Pass
		Inner_Full	24.12	/	/	23.60	/	/	<=30	Pass
	3740.01	Inner_1RB_Left	24.42	/	/	23.90	/	/	<=30	Pass
		Inner_1RB_Right	24.15	/	/	23.63	/	/	<=30	Pass
		Edge_1RB_Left	22.19	/	/	21.67	/	/	<=30	Pass
		Edge_1RB_Right	21.95	/	/	21.43	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Outer_Full	22.62	/	/	22.10	/	/	<=30	Pass
		Inner_Full	24.16	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Left	24.26	/	/	23.74	/	/	<=30	Pass
		Inner_1RB_Right	24.15	/	/	23.63	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.18	/	/	21.66	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	22.12	/	/	<=30	Pass
		Outer_Full	22.73	/	/	22.22	/	/	<=30	Pass
		Inner_Full	23.73	/	/	23.21	/	/	<=30	Pass
	3740.01	Inner_1RB_Left	23.72	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Right	23.79	/	/	23.27	/	/	<=30	Pass
		Edge_1RB_Left	22.57	/	/	22.05	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	21.85	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Outer_Full	22.84	/	/	22.32	/	/	<=30	Pass
		Inner_Full	23.84	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Left	23.98	/	/	23.46	/	/	<=30	Pass
		Inner_1RB_Right	23.94	/	/	23.42	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.45	/	/	21.93	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	21.93	/	/	<=30	Pass
		Outer_Full	22.45	/	/	21.93	/	/	<=30	Pass
		Inner_Full	22.45	/	/	21.93	/	/	<=30	Pass
	3740.01	Inner_1RB_Left	22.45	/	/	21.93	/	/	<=30	Pass
		Inner_1RB_Right	22.45	/	/	21.93	/	/	<=30	Pass
		Edge_1RB_Left	22.45	/	/	21.93	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	21.93	/	/	<=30	Pass

		Edge_1RB_Right	22.12	/	/	21.60	/	/	<=30	Pass	
		Outer_Full	22.68	/	/	22.16	/	/	<=30	Pass	
		Inner_Full	23.80	/	/	23.28	/	/	<=30	Pass	
		Inner_1RB_Left	24.10	/	/	23.58	/	/	<=30	Pass	
		Inner_1RB_Right	23.64	/	/	23.12	/	/	<=30	Pass	
CP-OFDM 64 QAM	3740.01	Edge_1RB_Left	22.31	/	/	21.79	/	/	<=30	Pass	
		Edge_1RB_Right	22.42	/	/	21.90	/	/	<=30	Pass	
		Outer_Full	22.21	/	/	21.69	/	/	<=30	Pass	
		Inner_Full	22.16	/	/	21.64	/	/	<=30	Pass	
		Inner_1RB_Left	22.34	/	/	21.83	/	/	<=30	Pass	
	3750	Inner_1RB_Right	22.44	/	/	21.92	/	/	<=30	Pass	
		Edge_1RB_Left	22.20	/	/	21.68	/	/	<=30	Pass	
		Edge_1RB_Right	22.07	/	/	21.55	/	/	<=30	Pass	
		Outer_Full	22.15	/	/	21.63	/	/	<=30	Pass	
		Inner_Full	22.18	/	/	21.66	/	/	<=30	Pass	
	3759.99	Inner_1RB_Left	22.47	/	/	21.95	/	/	<=30	Pass	
		Inner_1RB_Right	22.30	/	/	21.78	/	/	<=30	Pass	
		Edge_1RB_Left	22.19	/	/	21.67	/	/	<=30	Pass	
		Edge_1RB_Right	22.06	/	/	21.54	/	/	<=30	Pass	
		Outer_Full	22.18	/	/	21.66	/	/	<=30	Pass	
	CP-OFDM 256 QAM	3740.01	Inner_Full	22.35	/	/	21.83	/	/	<=30	Pass
			Inner_1RB_Left	22.27	/	/	21.75	/	/	<=30	Pass
			Inner_1RB_Right	22.34	/	/	21.82	/	/	<=30	Pass
			Edge_1RB_Left	18.99	/	/	18.47	/	/	<=30	Pass
			Edge_1RB_Right	19.10	/	/	18.58	/	/	<=30	Pass
3750		Outer_Full	19.39	/	/	18.87	/	/	<=30	Pass	
		Inner_Full	19.38	/	/	18.86	/	/	<=30	Pass	
		Inner_1RB_Left	18.93	/	/	18.41	/	/	<=30	Pass	
		Inner_1RB_Right	19.01	/	/	18.49	/	/	<=30	Pass	
		Edge_1RB_Left	18.81	/	/	18.29	/	/	<=30	Pass	
3759.99		Edge_1RB_Right	18.70	/	/	18.18	/	/	<=30	Pass	
		Outer_Full	19.32	/	/	18.80	/	/	<=30	Pass	
		Inner_Full	19.51	/	/	18.99	/	/	<=30	Pass	
		Inner_1RB_Left	19.18	/	/	18.66	/	/	<=30	Pass	
		Inner_1RB_Right	18.92	/	/	18.40	/	/	<=30	Pass	
		Edge_1RB_Left	19.05	/	/	18.53	/	/	<=30	Pass	
		Edge_1RB_Right	18.91	/	/	18.39	/	/	<=30	Pass	
		Outer_Full	19.46	/	/	18.94	/	/	<=30	Pass	
		Inner_Full	19.15	/	/	18.63	/	/	<=30	Pass	
		Inner_1RB_Left	18.87	/	/	18.35	/	/	<=30	Pass	
	Inner_1RB_Right	18.62	/	/	18.10	/	/	<=30	Pass		
Note1: Antenna Gain: Ant7: -0.52dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.8 30_S_90M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant7	Ant2	Sum	Ant7	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3745.02	Edge 1RB Left	22.14	/	/	21.62	/	/	<=30	Pass
		Edge 1RB Right	22.08	/	/	21.56	/	/	<=30	Pass

		Outer_Full	25.33	/	/	24.81	/	/	<=30	Pass
		Inner_Full	25.89	/	/	25.37	/	/	<=30	Pass
		Inner_1RB_Left	25.75	/	/	25.23	/	/	<=30	Pass
		Inner_1RB_Right	25.64	/	/	25.12	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.14	/	/	21.62	/	/	<=30	Pass
		Edge_1RB_Right	22.07	/	/	21.55	/	/	<=30	Pass
		Outer_Full	25.11	/	/	24.59	/	/	<=30	Pass
		Inner_Full	25.71	/	/	25.19	/	/	<=30	Pass
		Inner_1RB_Left	25.84	/	/	25.32	/	/	<=30	Pass
		Inner_1RB_Right	25.66	/	/	25.14	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	22.18	/	/	21.66	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	21.76	/	/	<=30	Pass
		Outer_Full	25.23	/	/	24.71	/	/	<=30	Pass
		Inner_Full	25.78	/	/	25.26	/	/	<=30	Pass
		Inner_1RB_Left	25.82	/	/	25.30	/	/	<=30	Pass
		Inner_1RB_Right	25.64	/	/	25.12	/	/	<=30	Pass
DFT-s-OFDM QPSK	3745.02	Edge_1RB_Left	22.21	/	/	21.69	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	21.82	/	/	<=30	Pass
		Outer_Full	24.68	/	/	24.16	/	/	<=30	Pass
		Inner_Full	25.67	/	/	25.15	/	/	<=30	Pass
	3750	Inner_1RB_Left	25.79	/	/	25.27	/	/	<=30	Pass
		Inner_1RB_Right	25.65	/	/	25.13	/	/	<=30	Pass
		Edge_1RB_Left	22.12	/	/	21.60	/	/	<=30	Pass
		Edge_1RB_Right	21.95	/	/	21.43	/	/	<=30	Pass
		Outer_Full	24.79	/	/	24.27	/	/	<=30	Pass
		Inner_Full	25.77	/	/	25.25	/	/	<=30	Pass
	3754.98	Inner_1RB_Left	26.02	/	/	25.50	/	/	<=30	Pass
		Inner_1RB_Right	25.84	/	/	25.32	/	/	<=30	Pass
		Edge_1RB_Left	22.23	/	/	21.71	/	/	<=30	Pass
		Edge_1RB_Right	22.03	/	/	21.51	/	/	<=30	Pass
		Outer_Full	24.91	/	/	24.39	/	/	<=30	Pass
		Inner_Full	25.76	/	/	25.24	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3745.02	Inner_1RB_Left	25.79	/	/	25.27	/	/	<=30	Pass
		Inner_1RB_Right	25.67	/	/	25.15	/	/	<=30	Pass
		Edge_1RB_Left	22.25	/	/	21.73	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	21.63	/	/	<=30	Pass
	3750	Outer_Full	23.89	/	/	23.37	/	/	<=30	Pass
		Inner_Full	24.85	/	/	24.33	/	/	<=30	Pass
		Inner_1RB_Left	24.80	/	/	24.28	/	/	<=30	Pass
		Inner_1RB_Right	24.78	/	/	24.26	/	/	<=30	Pass
		Edge_1RB_Left	22.30	/	/	21.78	/	/	<=30	Pass
		Edge_1RB_Right	22.16	/	/	21.64	/	/	<=30	Pass
	3754.98	Outer_Full	23.60	/	/	23.08	/	/	<=30	Pass
		Inner_Full	24.57	/	/	24.05	/	/	<=30	Pass
		Inner_1RB_Left	24.73	/	/	24.21	/	/	<=30	Pass
		Inner_1RB_Right	24.55	/	/	24.03	/	/	<=30	Pass
		Edge_1RB_Left	22.26	/	/	21.74	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	21.75	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3745.02	Outer_Full	23.91	/	/	23.39	/	/	<=30	Pass
		Inner_Full	24.84	/	/	24.32	/	/	<=30	Pass
		Inner_1RB_Left	24.91	/	/	24.39	/	/	<=30	Pass
		Inner_1RB_Right	24.80	/	/	24.28	/	/	<=30	Pass
		Edge_1RB_Left	22.23	/	/	21.71	/	/	<=30	Pass

		Edge 1RB Right	22.05	/	/	21.53	/	/	<=30	Pass
		Outer Full	23.18	/	/	22.66	/	/	<=30	Pass
		Inner Full	23.19	/	/	22.67	/	/	<=30	Pass
		Inner 1RB Left	23.20	/	/	22.68	/	/	<=30	Pass
	3750	Inner 1RB Right	23.15	/	/	22.63	/	/	<=30	Pass
		Edge 1RB Left	22.20	/	/	21.68	/	/	<=30	Pass
		Edge 1RB Right	22.30	/	/	21.78	/	/	<=30	Pass
		Outer Full	23.09	/	/	22.57	/	/	<=30	Pass
	3754.98	Inner Full	23.13	/	/	22.61	/	/	<=30	Pass
		Inner 1RB Left	23.14	/	/	22.62	/	/	<=30	Pass
		Inner 1RB Right	22.98	/	/	22.47	/	/	<=30	Pass
		Edge 1RB Left	22.17	/	/	21.65	/	/	<=30	Pass
	3754.98	Edge 1RB Right	22.30	/	/	21.78	/	/	<=30	Pass
		Outer Full	23.16	/	/	22.64	/	/	<=30	Pass
		Inner Full	23.40	/	/	22.88	/	/	<=30	Pass
		Inner 1RB Left	23.21	/	/	22.70	/	/	<=30	Pass
		Inner 1RB Right	23.06	/	/	22.54	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3745.02	Edge 1RB Left	20.97	/	/	20.45	/	/	<=30	Pass
		Edge 1RB Right	20.80	/	/	20.28	/	/	<=30	Pass
		Outer Full	21.39	/	/	20.87	/	/	<=30	Pass
		Inner Full	21.40	/	/	20.88	/	/	<=30	Pass
	3750	Inner 1RB Left	21.25	/	/	20.73	/	/	<=30	Pass
		Inner 1RB Right	20.89	/	/	20.37	/	/	<=30	Pass
		Edge 1RB Left	21.00	/	/	20.48	/	/	<=30	Pass
		Edge 1RB Right	20.85	/	/	20.33	/	/	<=30	Pass
	3754.98	Outer Full	21.41	/	/	20.89	/	/	<=30	Pass
		Inner Full	21.39	/	/	20.87	/	/	<=30	Pass
		Inner 1RB Left	21.12	/	/	20.61	/	/	<=30	Pass
		Inner 1RB Right	20.90	/	/	20.38	/	/	<=30	Pass
	3754.98	Edge 1RB Left	21.00	/	/	20.48	/	/	<=30	Pass
		Edge 1RB Right	21.05	/	/	20.53	/	/	<=30	Pass
		Outer Full	21.15	/	/	20.63	/	/	<=30	Pass
		Inner Full	21.18	/	/	20.66	/	/	<=30	Pass
CP-OFDM QPSK	3745.02	Inner 1RB Left	21.35	/	/	20.83	/	/	<=30	Pass
		Inner 1RB Right	20.90	/	/	20.38	/	/	<=30	Pass
	3750	Edge 1RB Left	22.25	/	/	21.73	/	/	<=30	Pass
		Edge 1RB Right	22.32	/	/	21.80	/	/	<=30	Pass
		Outer Full	22.73	/	/	22.21	/	/	<=30	Pass
		Inner Full	24.10	/	/	23.58	/	/	<=30	Pass
	3754.98	Inner 1RB Left	24.43	/	/	23.91	/	/	<=30	Pass
		Inner 1RB Right	24.17	/	/	23.65	/	/	<=30	Pass
	3750	Edge 1RB Left	22.26	/	/	21.74	/	/	<=30	Pass
		Edge 1RB Right	22.24	/	/	21.72	/	/	<=30	Pass
		Outer Full	22.59	/	/	22.08	/	/	<=30	Pass
		Inner Full	24.13	/	/	23.61	/	/	<=30	Pass
	3754.98	Inner 1RB Left	24.33	/	/	23.81	/	/	<=30	Pass
		Inner 1RB Right	24.12	/	/	23.60	/	/	<=30	Pass
	3754.98	Edge 1RB Left	22.26	/	/	21.74	/	/	<=30	Pass
		Edge 1RB Right	22.13	/	/	21.61	/	/	<=30	Pass
		Outer Full	22.92	/	/	22.40	/	/	<=30	Pass
		Inner Full	24.46	/	/	23.95	/	/	<=30	Pass
	3754.98	Inner 1RB Left	24.25	/	/	23.73	/	/	<=30	Pass
		Inner 1RB Right	24.09	/	/	23.57	/	/	<=30	Pass

CP-OFDM 16 QAM	3745.02	Edge_1RB_Left	22.25	/	/	21.73	/	/	<=30	Pass
		Edge_1RB_Right	22.11	/	/	21.59	/	/	<=30	Pass
		Outer_Full	22.65	/	/	22.13	/	/	<=30	Pass
		Inner_Full	23.83	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Left	23.72	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Right	23.59	/	/	23.07	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.53	/	/	22.01	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	21.80	/	/	<=30	Pass
		Outer_Full	22.86	/	/	22.34	/	/	<=30	Pass
		Inner_Full	23.61	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Left	24.08	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Right	23.90	/	/	23.38	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	22.56	/	/	22.04	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	21.70	/	/	<=30	Pass
		Outer_Full	22.76	/	/	22.24	/	/	<=30	Pass
		Inner_Full	23.85	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Left	23.81	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Right	23.70	/	/	23.18	/	/	<=30	Pass
CP-OFDM 64 QAM	3745.02	Edge_1RB_Left	22.45	/	/	21.93	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	21.67	/	/	<=30	Pass
		Outer_Full	22.31	/	/	21.79	/	/	<=30	Pass
		Inner_Full	22.11	/	/	21.59	/	/	<=30	Pass
		Inner_1RB_Left	22.56	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Right	22.23	/	/	21.71	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.27	/	/	21.75	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	21.74	/	/	<=30	Pass
		Outer_Full	22.26	/	/	21.74	/	/	<=30	Pass
		Inner_Full	22.19	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Left	22.24	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Right	22.30	/	/	21.78	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	22.31	/	/	21.79	/	/	<=30	Pass
		Edge_1RB_Right	22.16	/	/	21.64	/	/	<=30	Pass
		Outer_Full	22.25	/	/	21.73	/	/	<=30	Pass
		Inner_Full	22.17	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Left	22.35	/	/	21.83	/	/	<=30	Pass
		Inner_1RB_Right	22.20	/	/	21.68	/	/	<=30	Pass
CP-OFDM 256 QAM	3745.02	Edge_1RB_Left	18.88	/	/	18.36	/	/	<=30	Pass
		Edge_1RB_Right	18.83	/	/	18.31	/	/	<=30	Pass
		Outer_Full	19.14	/	/	18.62	/	/	<=30	Pass
		Inner_Full	19.36	/	/	18.84	/	/	<=30	Pass
		Inner_1RB_Left	19.04	/	/	18.52	/	/	<=30	Pass
		Inner_1RB_Right	19.07	/	/	18.55	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.26	/	/	18.74	/	/	<=30	Pass
		Edge_1RB_Right	18.82	/	/	18.30	/	/	<=30	Pass
		Outer_Full	19.13	/	/	18.61	/	/	<=30	Pass
		Inner_Full	19.47	/	/	18.95	/	/	<=30	Pass
		Inner_1RB_Left	19.03	/	/	18.51	/	/	<=30	Pass
		Inner_1RB_Right	19.39	/	/	18.87	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	18.99	/	/	18.47	/	/	<=30	Pass
		Edge_1RB_Right	19.03	/	/	18.51	/	/	<=30	Pass
		Outer_Full	19.42	/	/	18.90	/	/	<=30	Pass
		Inner_Full	19.21	/	/	18.69	/	/	<=30	Pass
		Inner_1RB_Left	19.02	/	/	18.50	/	/	<=30	Pass



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		Inner_1RB_Right	18.88	/	/	18.36	/	/	<=30	Pass
Note1: Antenna Gain: Ant7: -0.52dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30_S_100M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 100MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant7	Ant2	Sum	Ant7	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Edge_1RB_Left	22.18	/	/	21.66	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	21.76	/	/	<=30	Pass
		Outer_Full	25.33	/	/	24.81	/	/	<=30	Pass
		Inner_Full	25.80	/	/	25.28	/	/	<=30	Pass
		Inner_1RB_Left	25.72	/	/	25.20	/	/	<=30	Pass
		Inner_1RB_Right	25.63	/	/	25.11	/	/	<=30	Pass
DFT-s-OFDM QPSK	3750	Edge_1RB_Left	22.18	/	/	21.66	/	/	<=30	Pass
		Edge_1RB_Right	21.97	/	/	21.45	/	/	<=30	Pass
		Outer_Full	24.61	/	/	24.09	/	/	<=30	Pass
		Inner_Full	25.76	/	/	25.24	/	/	<=30	Pass
		Inner_1RB_Left	25.73	/	/	25.21	/	/	<=30	Pass
		Inner_1RB_Right	25.52	/	/	25.00	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Edge_1RB_Left	22.20	/	/	21.68	/	/	<=30	Pass
		Edge_1RB_Right	22.04	/	/	21.52	/	/	<=30	Pass
		Outer_Full	23.67	/	/	23.15	/	/	<=30	Pass
		Inner_Full	24.78	/	/	24.26	/	/	<=30	Pass
		Inner_1RB_Left	24.95	/	/	24.43	/	/	<=30	Pass
		Inner_1RB_Right	24.76	/	/	24.24	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Edge_1RB_Left	22.18	/	/	21.66	/	/	<=30	Pass
		Edge_1RB_Right	21.95	/	/	21.43	/	/	<=30	Pass
		Outer_Full	23.15	/	/	22.63	/	/	<=30	Pass
		Inner_Full	23.41	/	/	22.90	/	/	<=30	Pass
		Inner_1RB_Left	23.18	/	/	22.66	/	/	<=30	Pass
		Inner_1RB_Right	23.02	/	/	22.50	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Edge_1RB_Left	21.48	/	/	20.96	/	/	<=30	Pass
		Edge_1RB_Right	20.71	/	/	20.19	/	/	<=30	Pass
		Outer_Full	21.06	/	/	20.54	/	/	<=30	Pass
		Inner_Full	21.36	/	/	20.85	/	/	<=30	Pass
		Inner_1RB_Left	21.00	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Right	20.75	/	/	20.23	/	/	<=30	Pass
CP-OFDM QPSK	3750	Edge_1RB_Left	22.35	/	/	21.83	/	/	<=30	Pass
		Edge_1RB_Right	22.14	/	/	21.62	/	/	<=30	Pass
		Outer_Full	22.79	/	/	22.27	/	/	<=30	Pass
		Inner_Full	24.12	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Left	24.32	/	/	23.80	/	/	<=30	Pass
		Inner_1RB_Right	24.13	/	/	23.61	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Edge_1RB_Left	22.20	/	/	21.68	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	21.90	/	/	<=30	Pass
		Outer_Full	22.84	/	/	22.32	/	/	<=30	Pass
		Inner_Full	23.61	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Right	23.65	/	/	23.13	/	/	<=30	Pass



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CP-OFDM 64 QAM	3750	Edge_1RB_Left	22.14	/	/	21.62	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	21.74	/	/	<=30	Pass
		Outer_Full	22.13	/	/	21.61	/	/	<=30	Pass
		Inner_Full	22.19	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Left	22.22	/	/	21.70	/	/	<=30	Pass
		Inner_1RB_Right	22.03	/	/	21.51	/	/	<=30	Pass
CP-OFDM 256 QAM	3750	Edge_1RB_Left	18.96	/	/	18.44	/	/	<=30	Pass
		Edge_1RB_Right	18.97	/	/	18.45	/	/	<=30	Pass
		Outer_Full	19.30	/	/	18.78	/	/	<=30	Pass
		Inner_Full	19.45	/	/	18.93	/	/	<=30	Pass
		Inner_1RB_Left	19.23	/	/	18.71	/	/	<=30	Pass
		Inner_1RB_Right	18.73	/	/	18.21	/	/	<=30	Pass
Note1: Antenna Gain: Ant7: -0.52dBi; 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	-8.30	-0.0022	>=-2.5 & <=2.5	Pass
				HV	-5.70	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	-13.45	-0.0036	>=-2.5 & <=2.5	Pass
			-20	NV	-4.13	-0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-11.86	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-16.27	-0.0043	>=-2.5 & <=2.5	Pass
			10	NV	-14.23	-0.0038	>=-2.5 & <=2.5	Pass
			20	NV	-7.07	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-4.82	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	5.61	0.0015	>=-2.5 & <=2.5	Pass
			50	NV	-7.96	-0.0021	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 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	17.91	18.81	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	17.87	18.64	/	Pass



DFT-s-OFDM 16 QAM	3750	Outer_Full	17.91	18.99	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	17.89	19.07	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	17.92	19.23	/	Pass
CP-OFDM QPSK	3750	Outer_Full	18.22	19.42	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	18.22	19.21	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	18.28	18.98	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	18.27	19.74	/	Pass

3.1.2 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	26.80	28.22	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	26.79	28.46	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	26.76	28.24	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	26.82	28.02	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	26.72	28.36	/	Pass
CP-OFDM QPSK	3750	Outer_Full	27.80	28.87	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	27.83	29.07	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	27.83	29.03	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	27.81	28.82	/	Pass

3.1.3 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	35.92	37.82	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	35.94	38.26	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	35.98	38.43	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	36.03	38.40	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	36.00	38.10	/	Pass
CP-OFDM QPSK	3750	Outer_Full	38.05	40.36	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	37.93	40.30	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	38.16	40.38	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	37.99	40.49	/	Pass

3.1.4 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	45.90	48.52	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	46.66	50.22	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	45.92	48.09	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	46.02	48.15	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	46.00	48.23	/	Pass



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CP-OFDM QPSK	3750	Outer_Full	47.61	49.83	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	47.69	49.77	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	47.65	50.20	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	48.13	52.05	/	Pass

3.1.5 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	57.92	60.57	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	58.02	60.44	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	58.20	60.41	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	57.84	60.54	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	57.77	60.47	/	Pass
CP-OFDM QPSK	3750	Outer_Full	58.06	60.47	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	58.05	60.36	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	57.93	60.39	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	57.84	60.39	/	Pass

3.1.6 30_S_70M_NTNV

5G NR n78a SCS=30kHz SISO 70MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	64.11	67.01	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	63.78	66.89	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	64.38	67.26	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	64.50	66.97	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	64.29	67.05	/	Pass
CP-OFDM QPSK	3750	Outer_Full	67.57	70.10	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	67.37	70.09	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	67.37	70.14	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	67.37	70.16	/	Pass

3.1.7 30_S_80M_NTNV

5G NR n78a SCS=30kHz SISO 80MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	77.08	79.92	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	77.27	79.80	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	76.68	79.94	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	77.23	79.96	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	76.98	79.84	/	Pass
CP-OFDM QPSK	3750	Outer_Full	77.70	80.36	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	77.57	80.46	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	77.36	80.22	/	Pass



CP-OFDM 256 QAM	3750	Outer_Full	77.40	79.95	/	Pass
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3.1.8 30_S_90M_NTNV

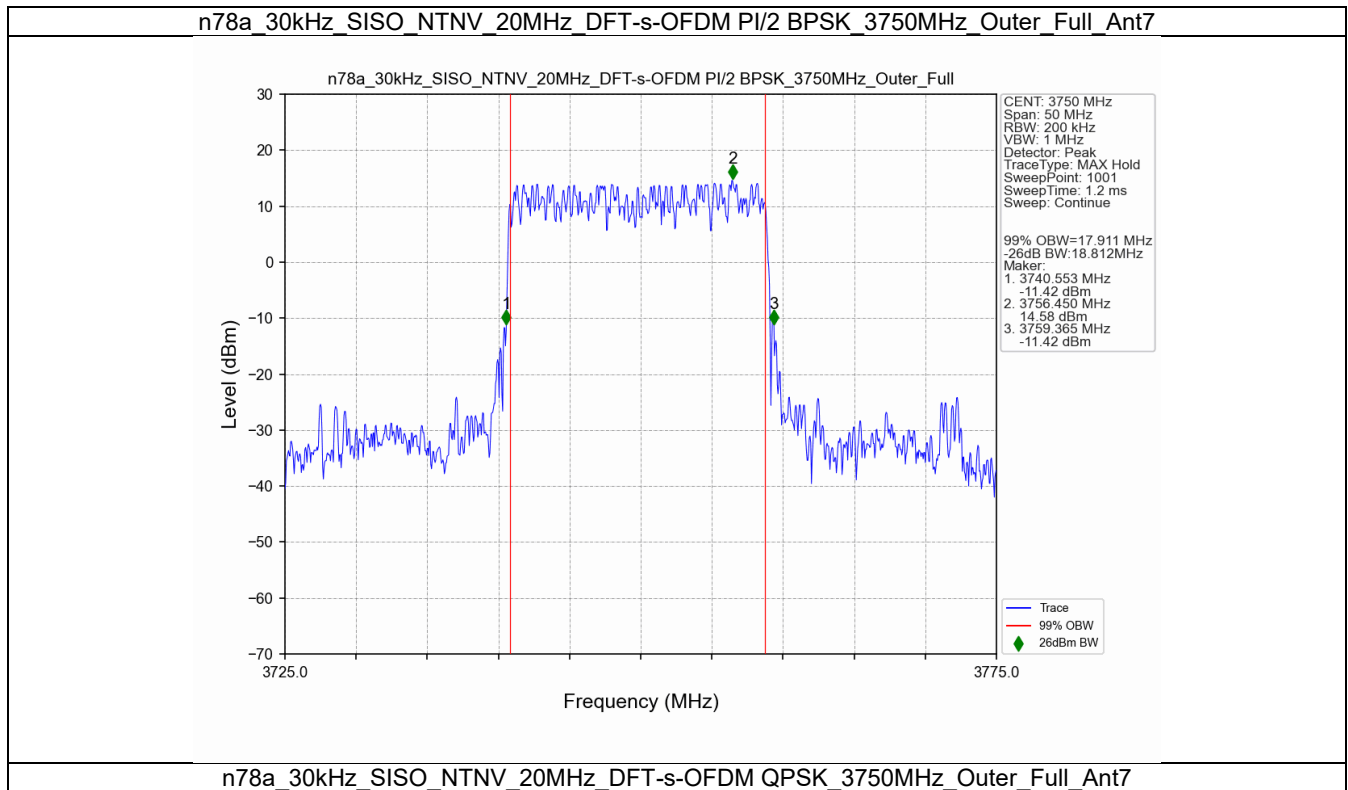
5G NR n78a SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	86.70	89.66	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	86.64	89.90	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	86.45	89.74	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	86.73	90.04	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	86.52	89.69	/	Pass
CP-OFDM QPSK	3750	Outer_Full	87.42	90.28	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	87.53	90.48	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	87.68	90.48	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	87.46	90.32	/	Pass

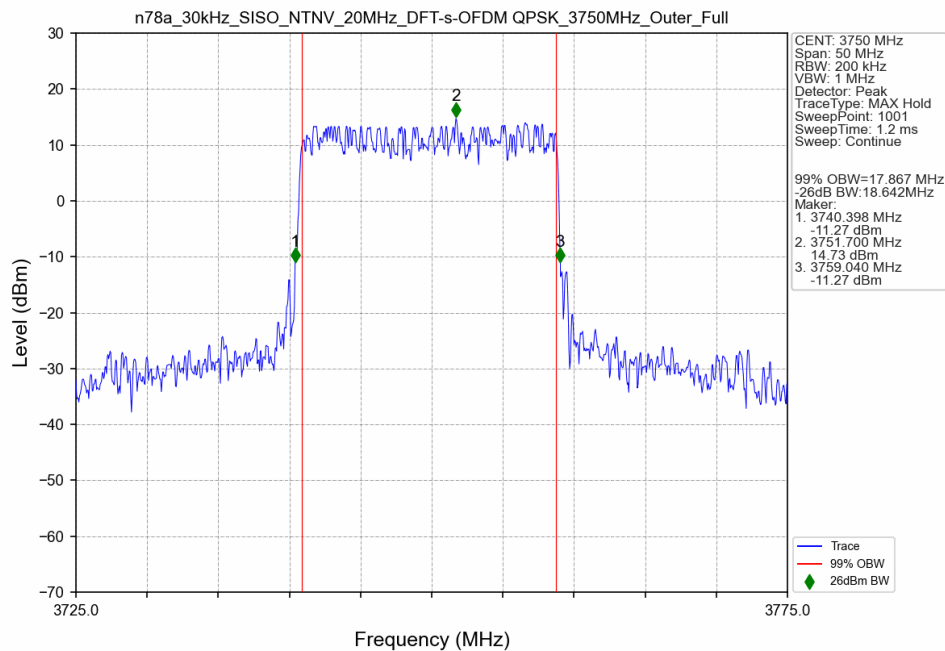
3.1.9 30_S_100M_NTNV

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	95.99	99.63	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	96.11	99.64	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	96.17	99.65	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	95.97	99.53	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	96.27	99.66	/	Pass
CP-OFDM QPSK	3750	Outer_Full	97.25	100.64	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	97.39	100.49	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	97.60	100.49	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	97.40	100.51	/	Pass

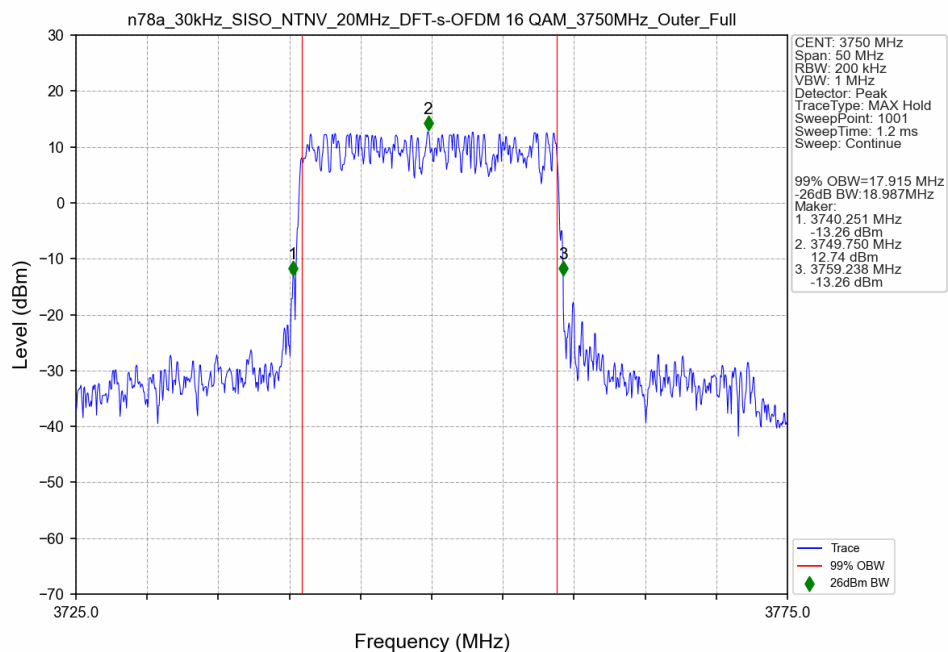
3.2 Test Graph

3.2.1 30_S_20M_NTNV

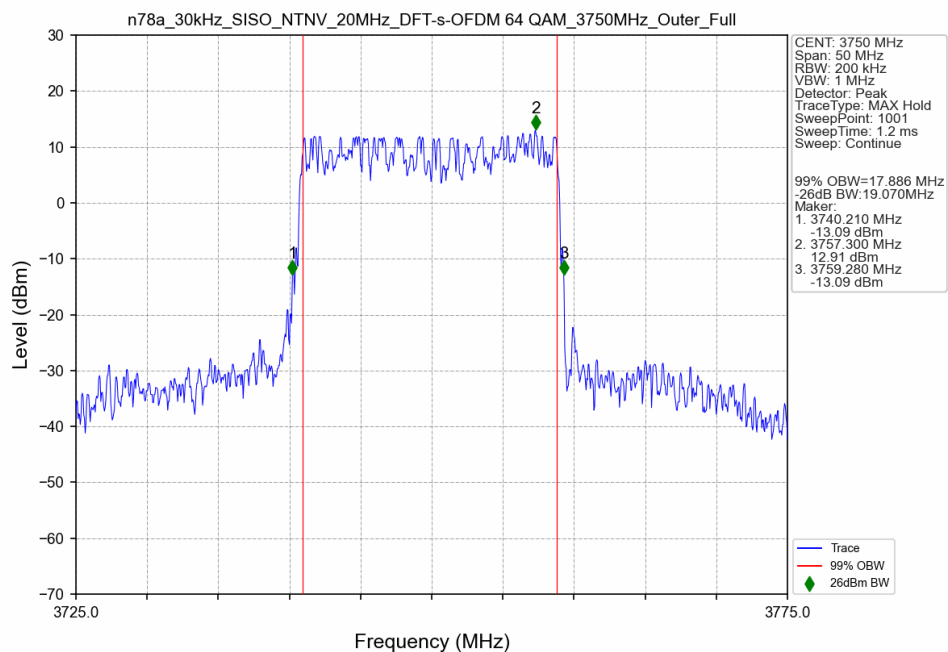


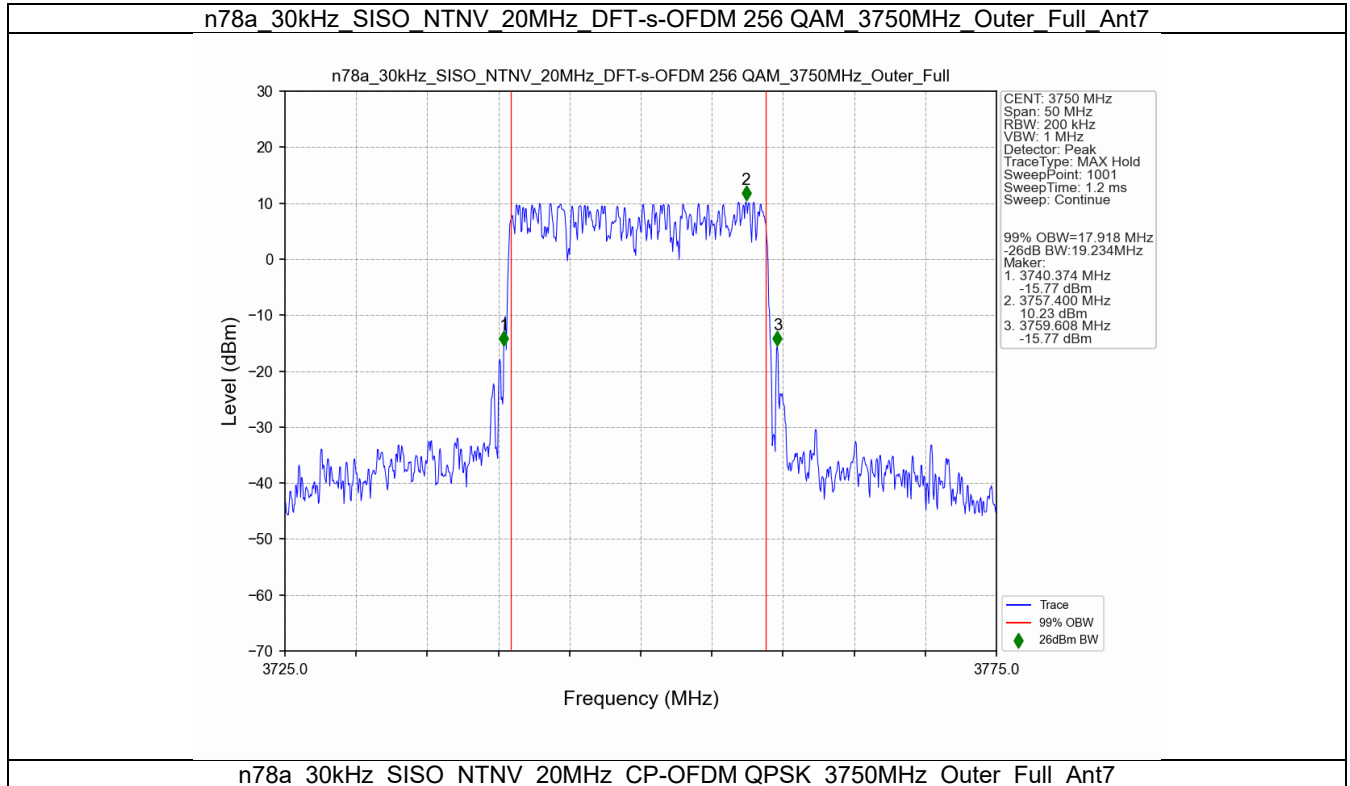


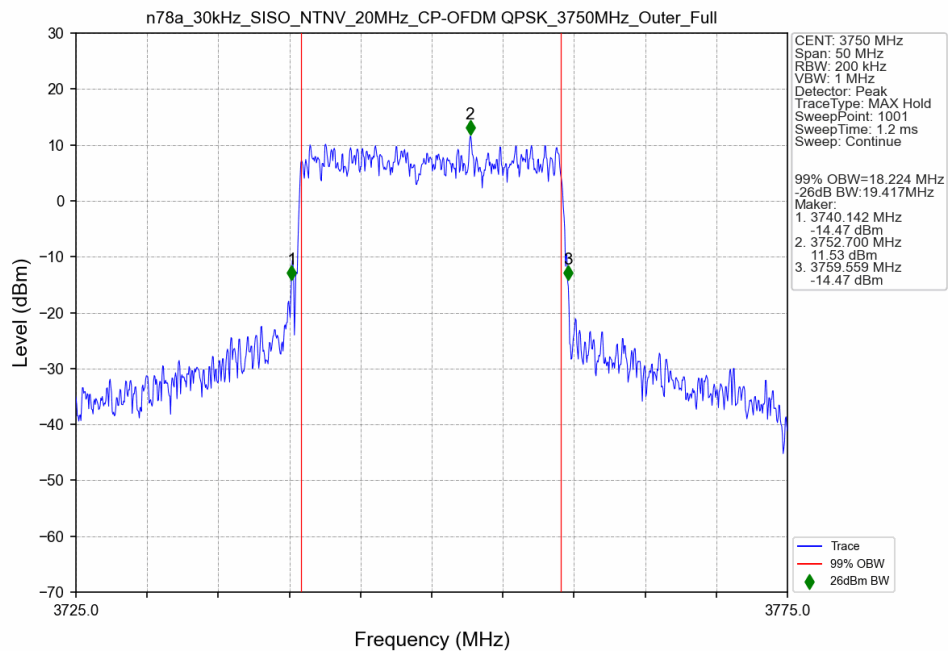
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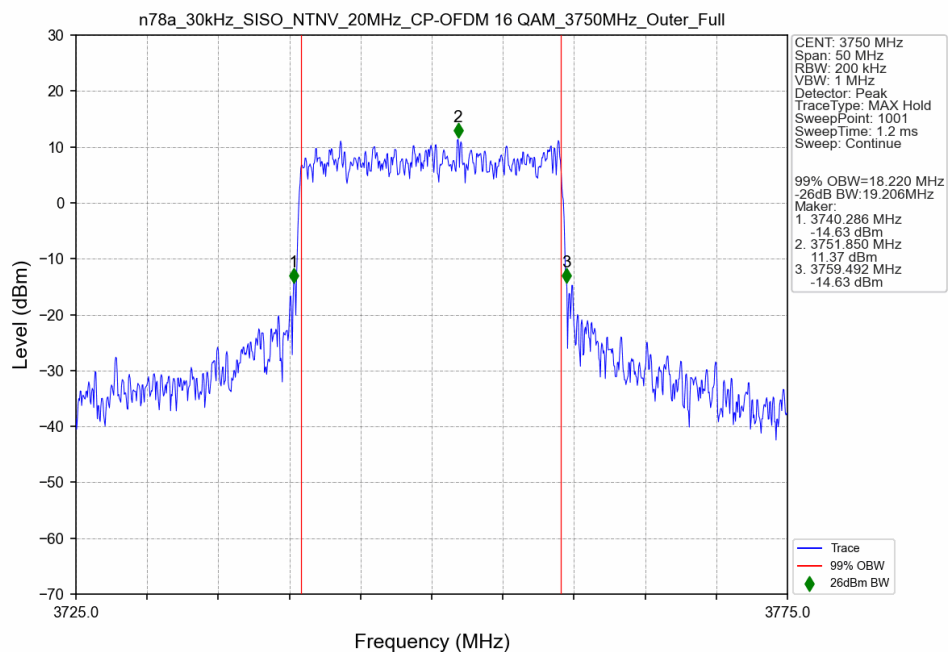
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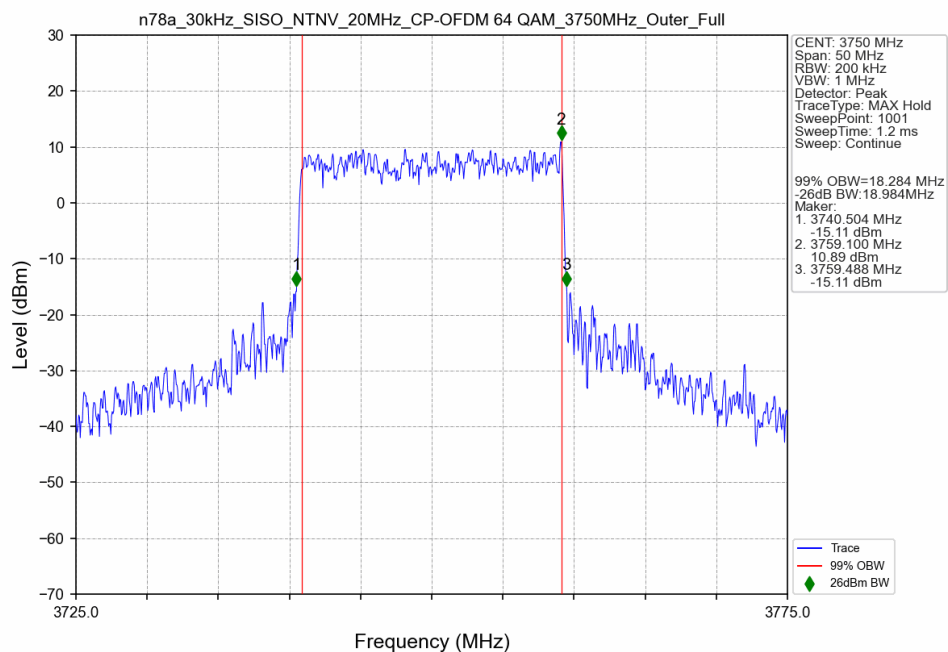




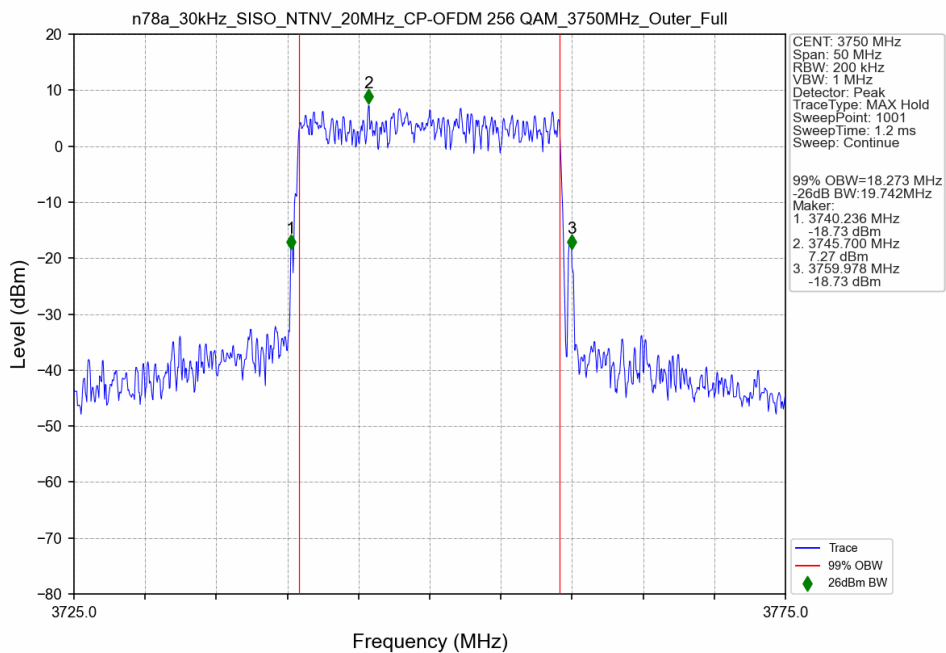
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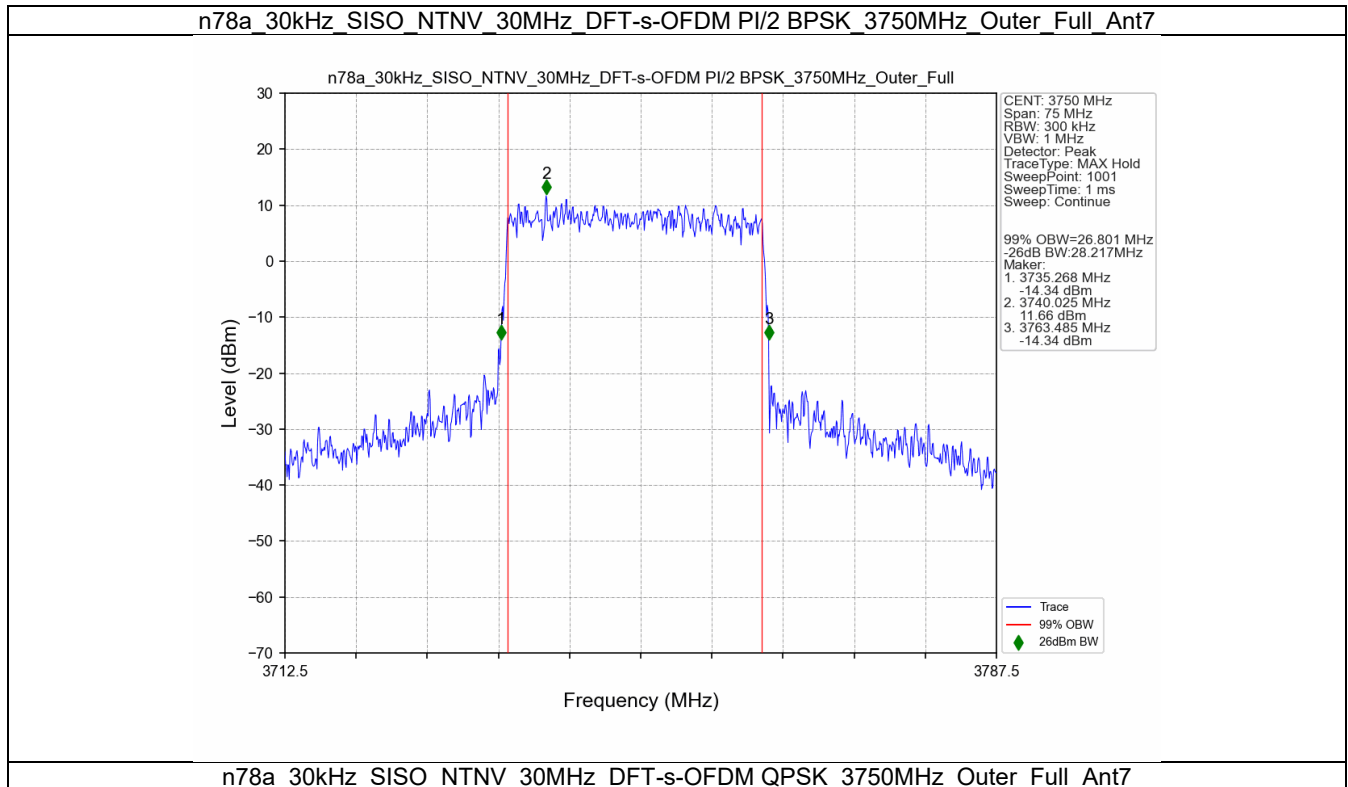
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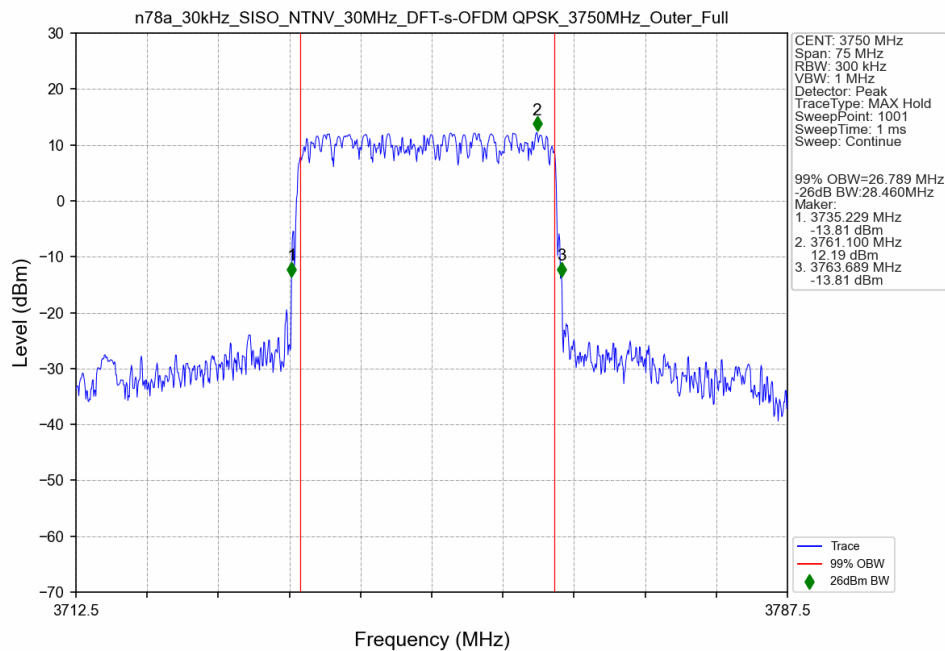


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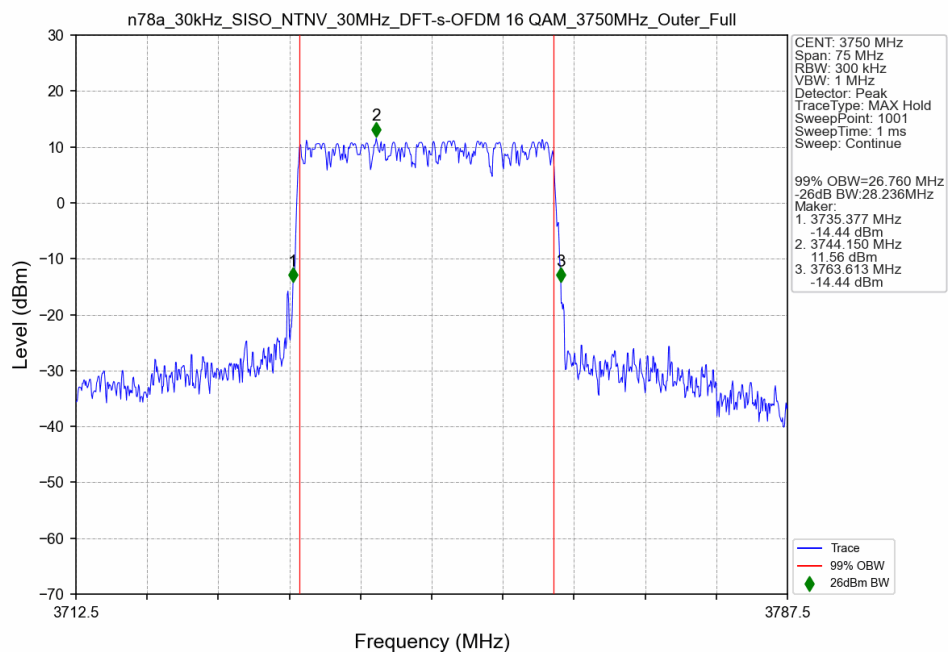


3.2.2 30_S_30M_NTNV

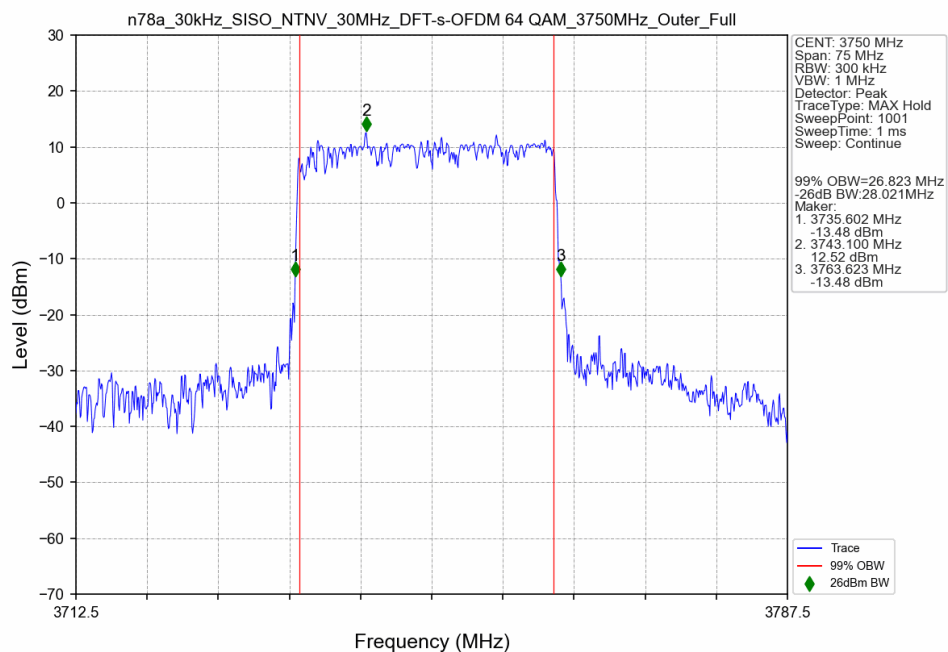


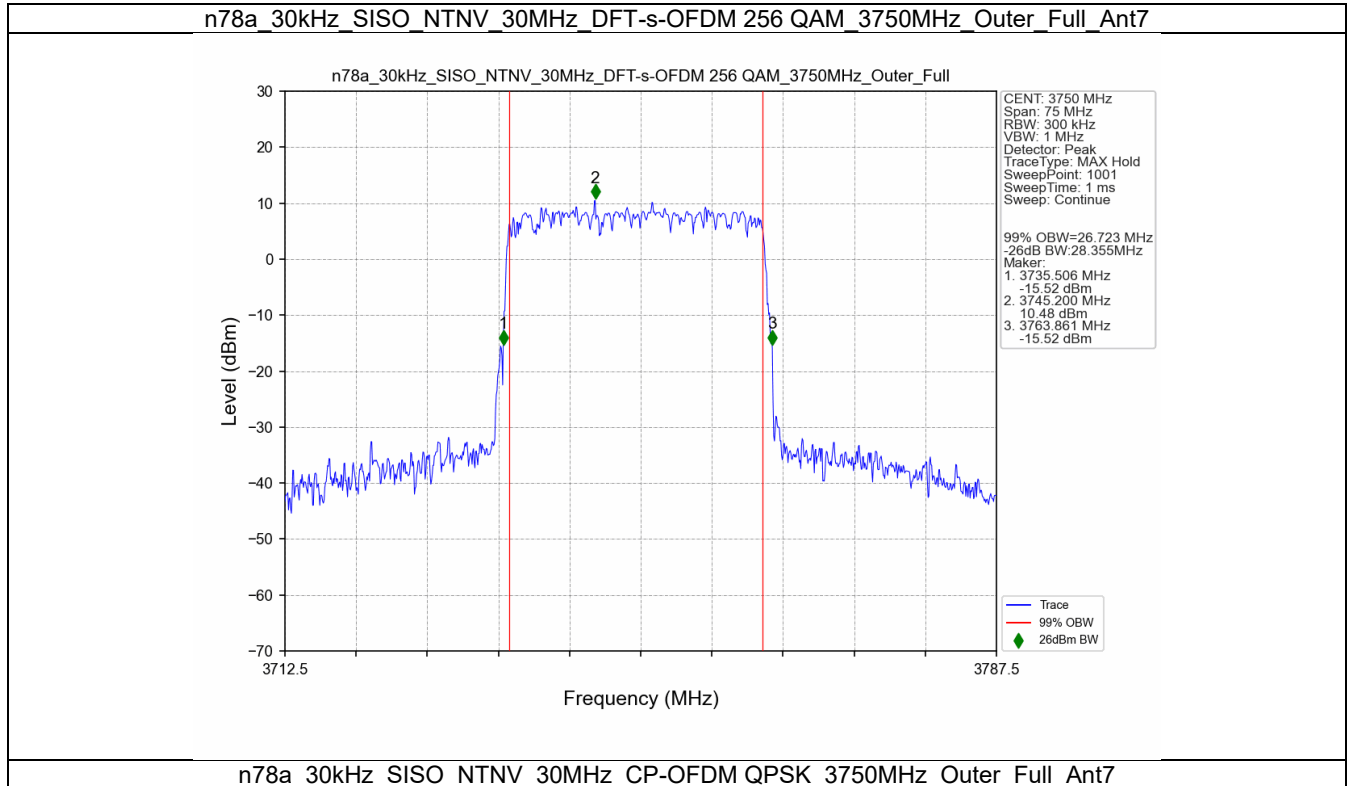


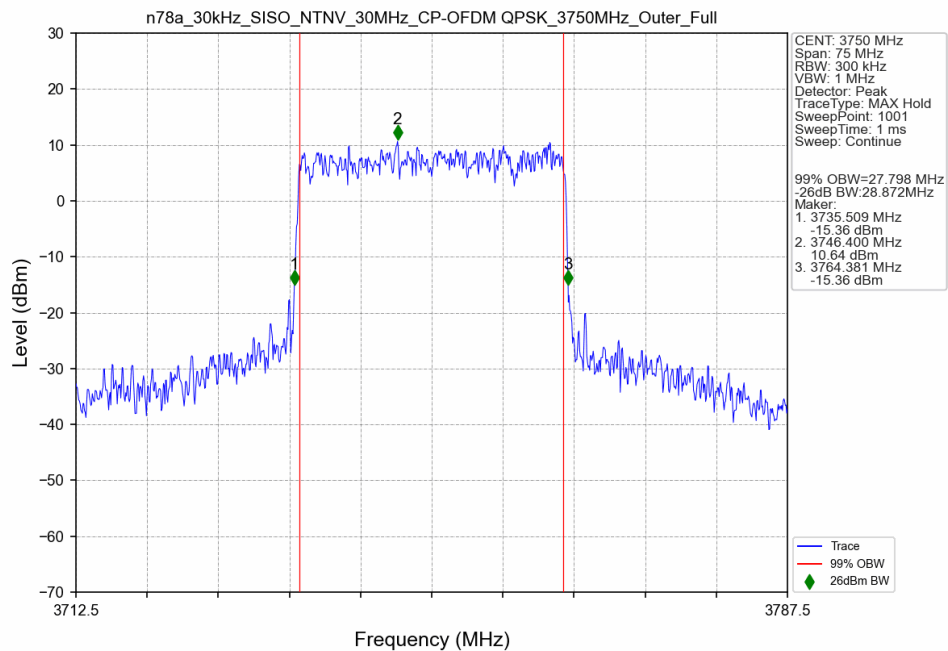
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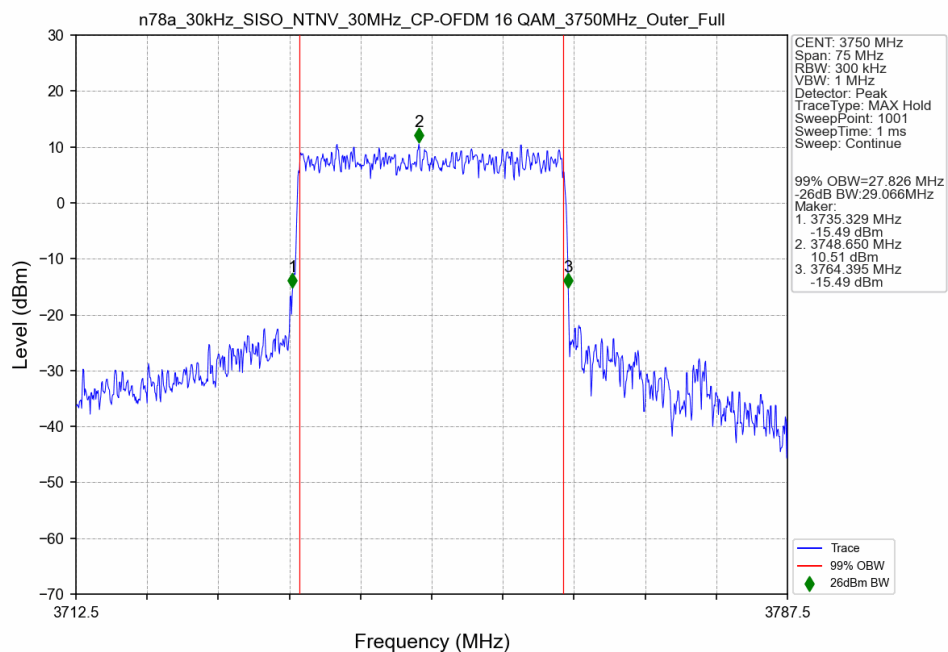
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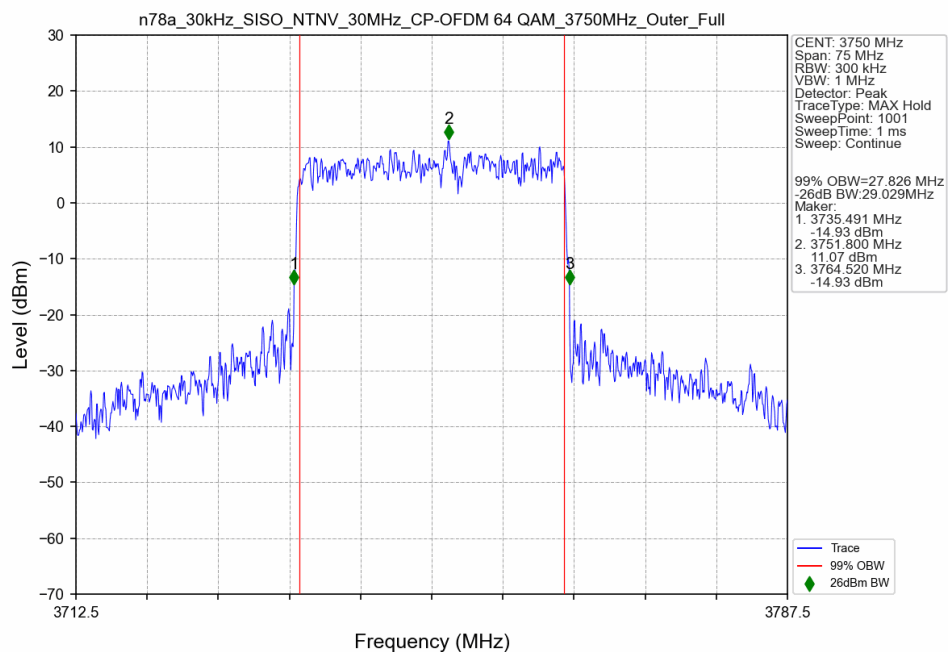




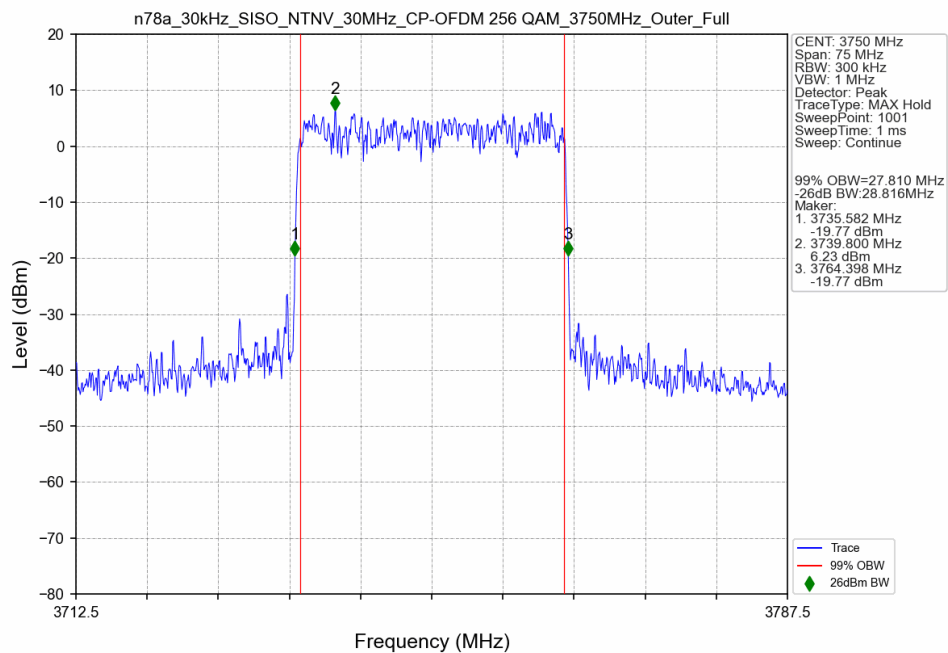
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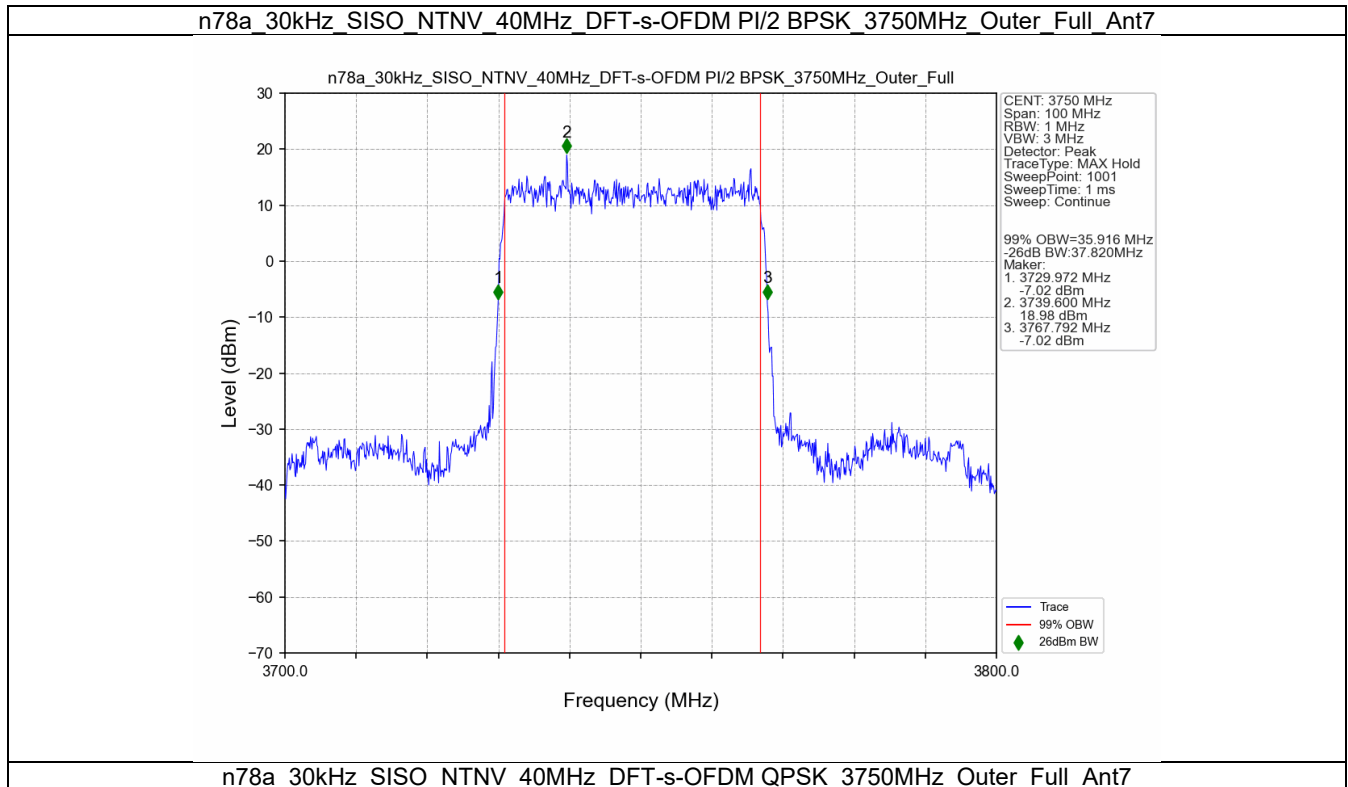
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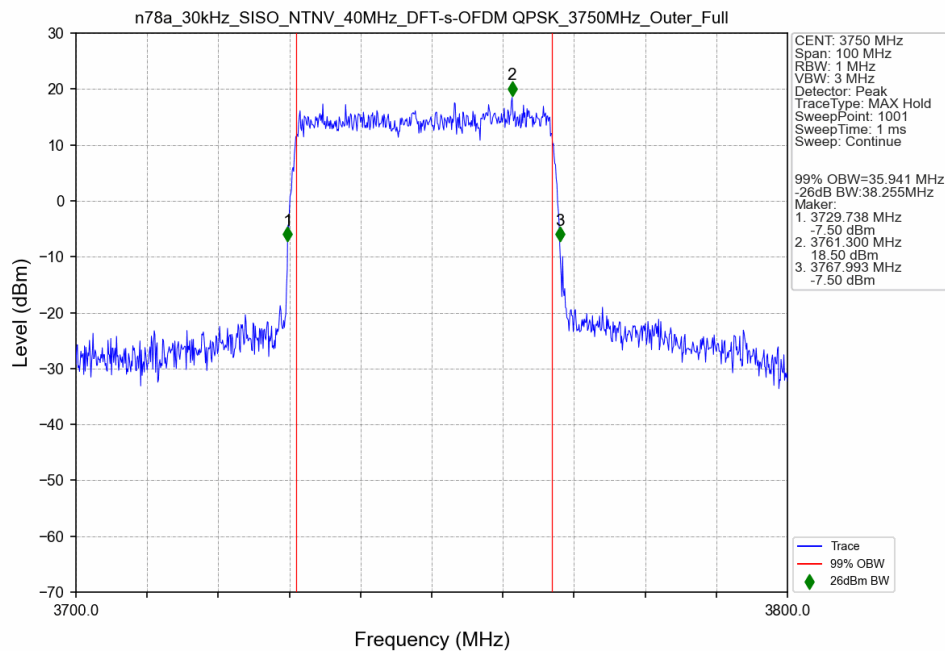


n78a_30kHz_SISO_NTNV_30MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant7

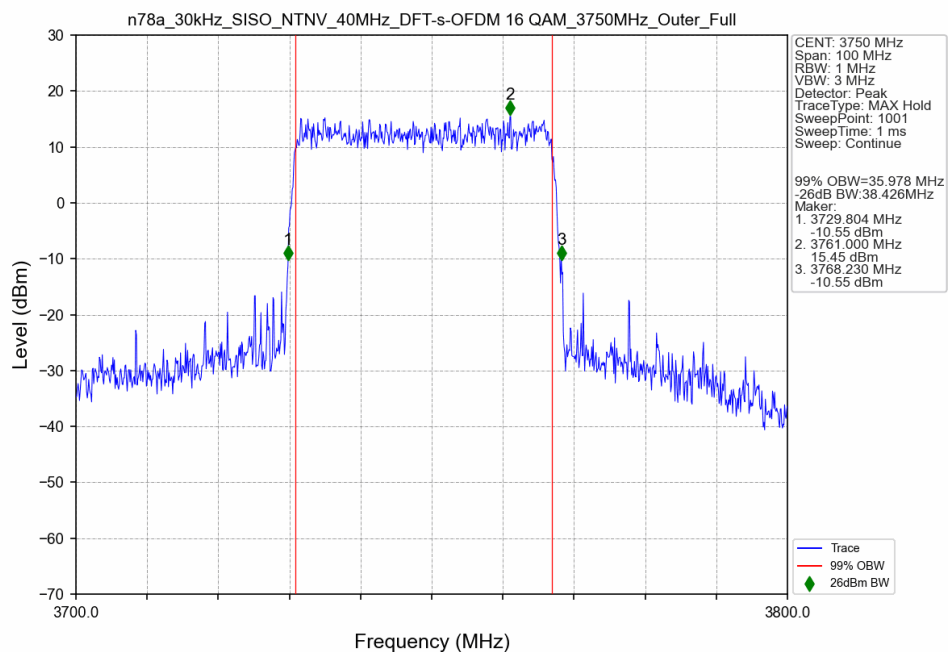


3.2.3 30_S_40M_NTNV

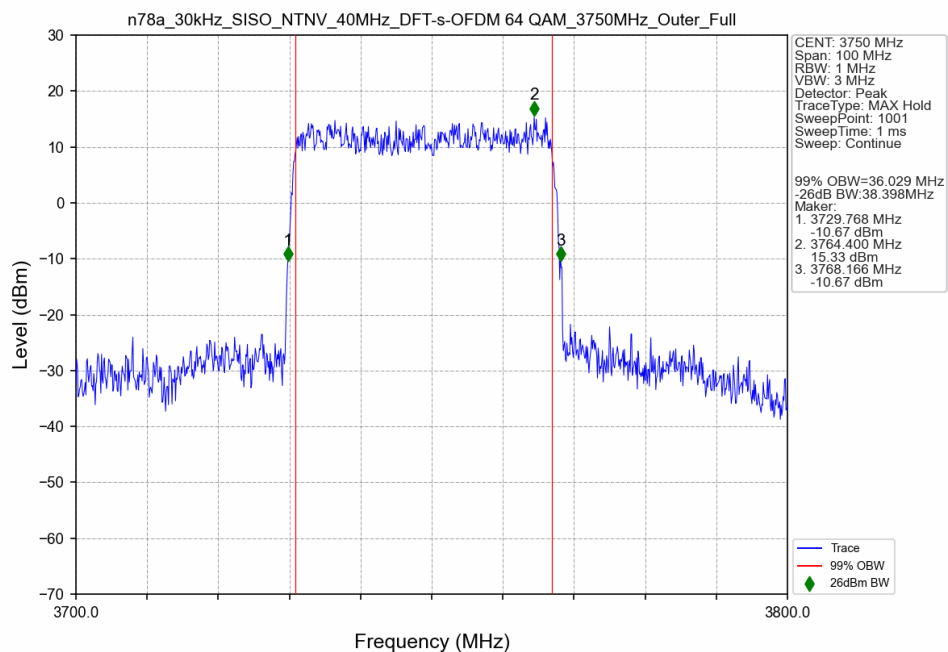




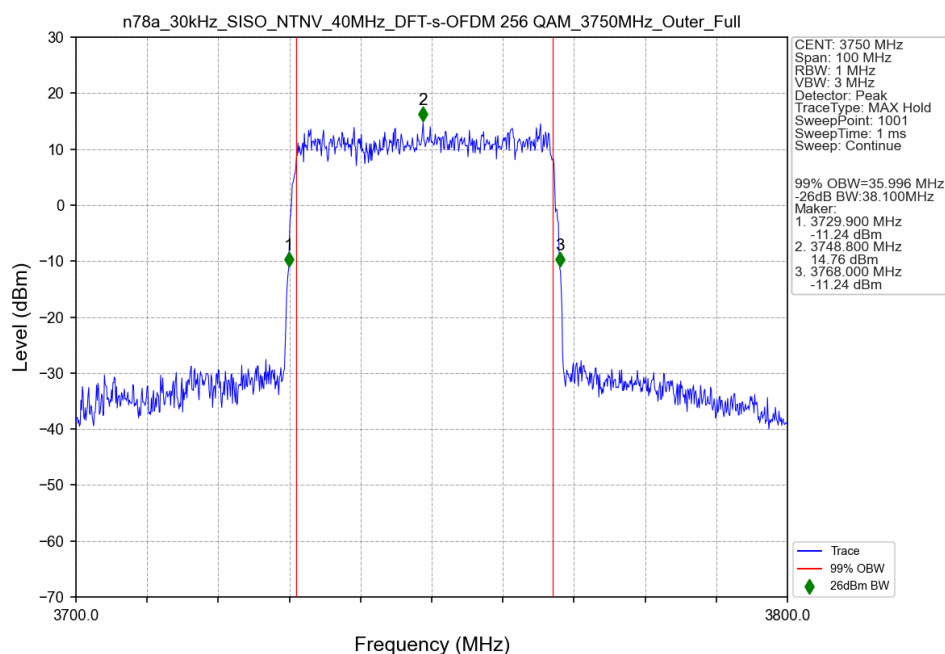
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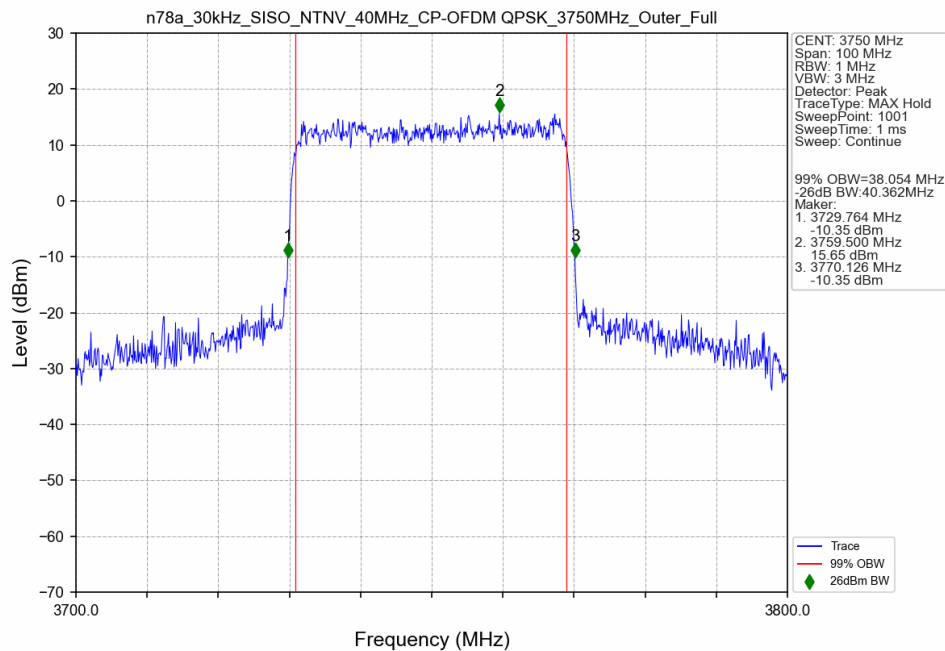
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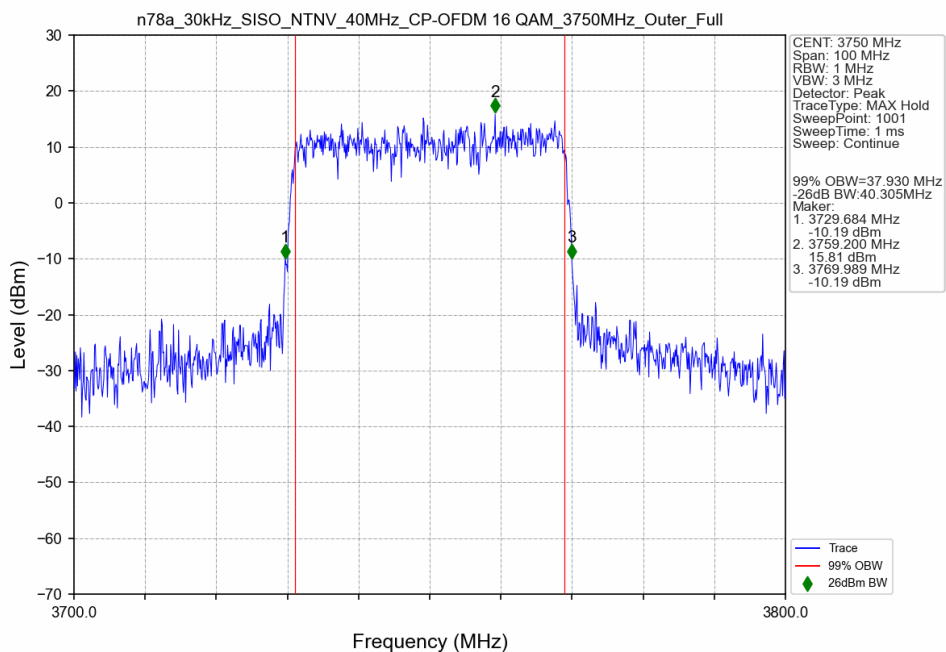
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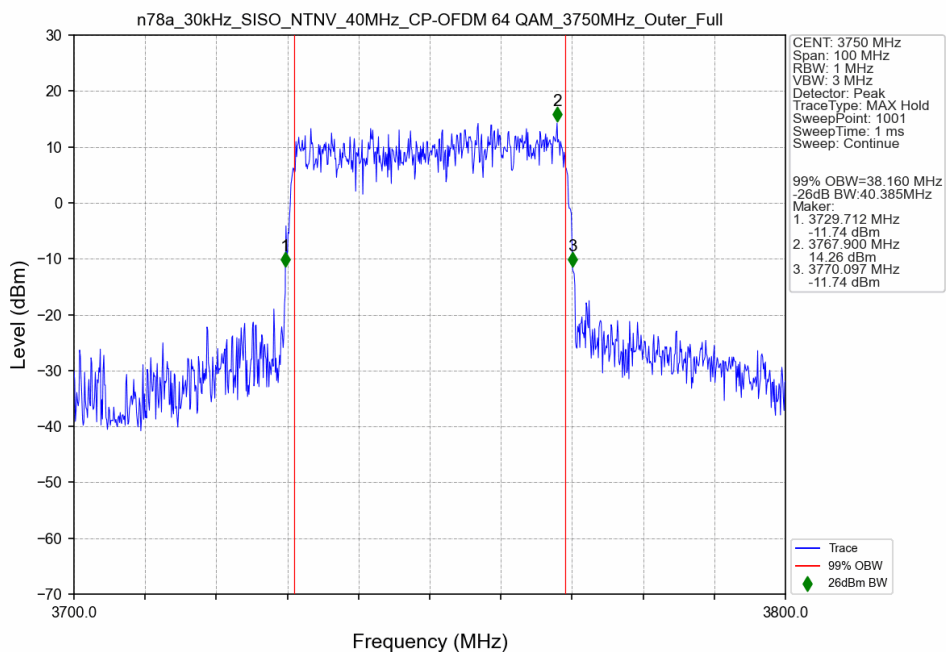
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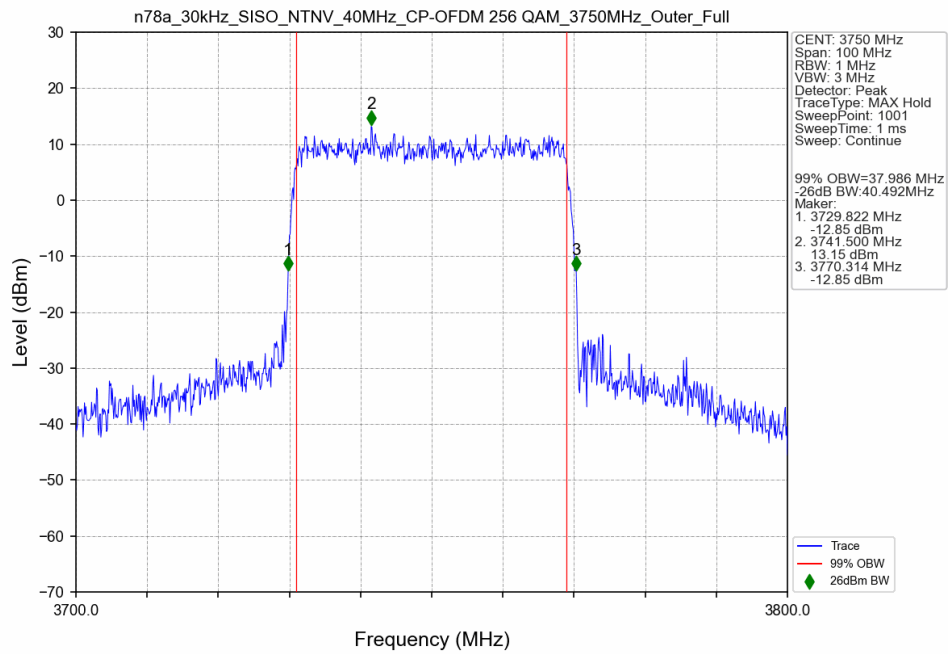
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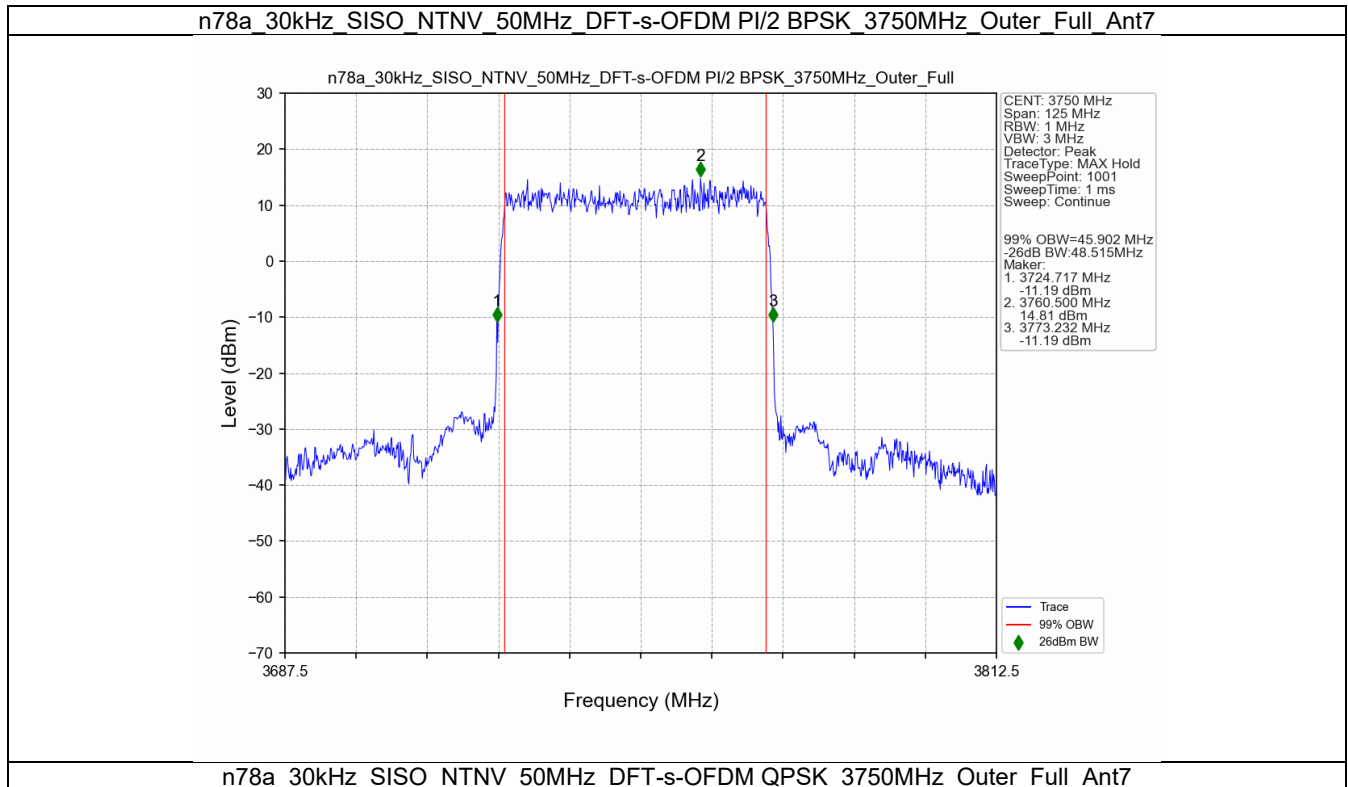
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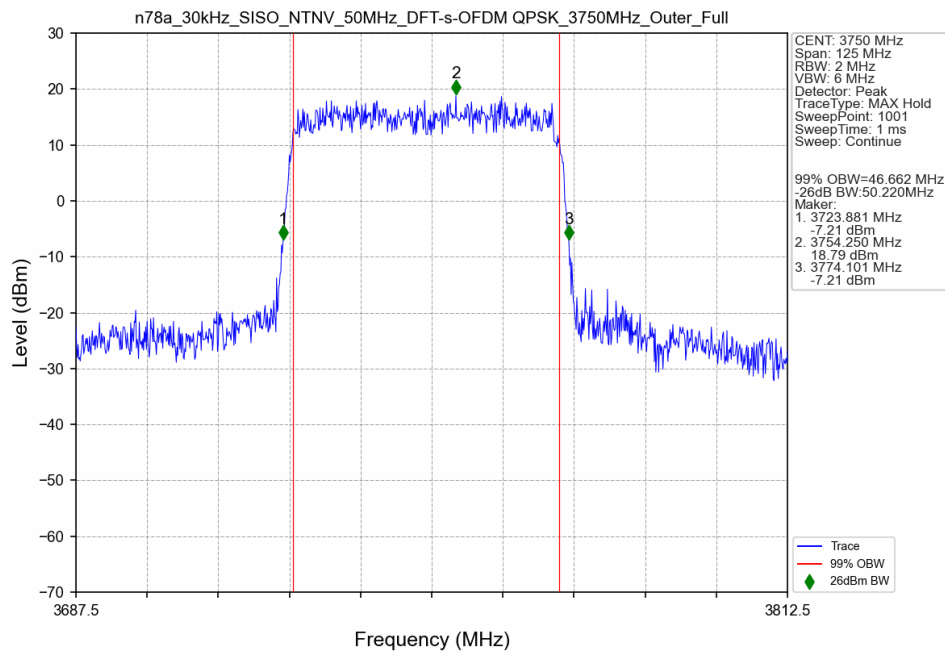


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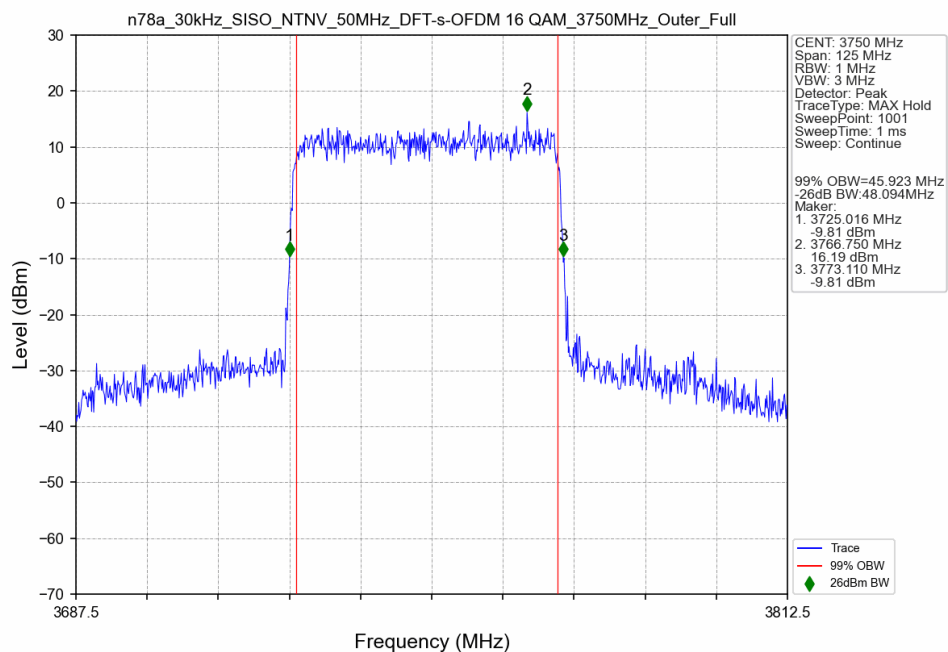


3.2.4 30_S_50M_NTNV

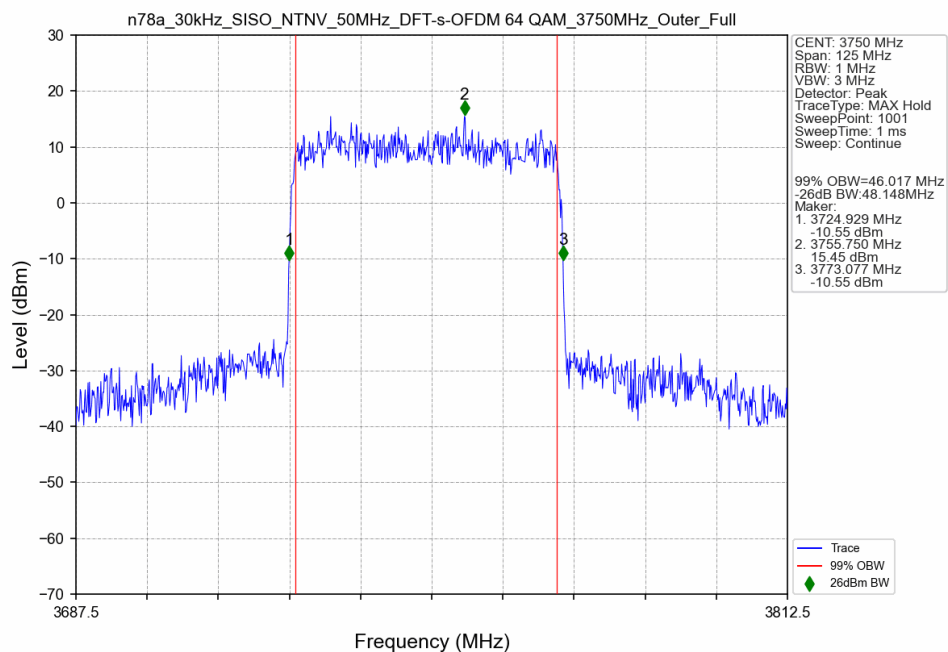


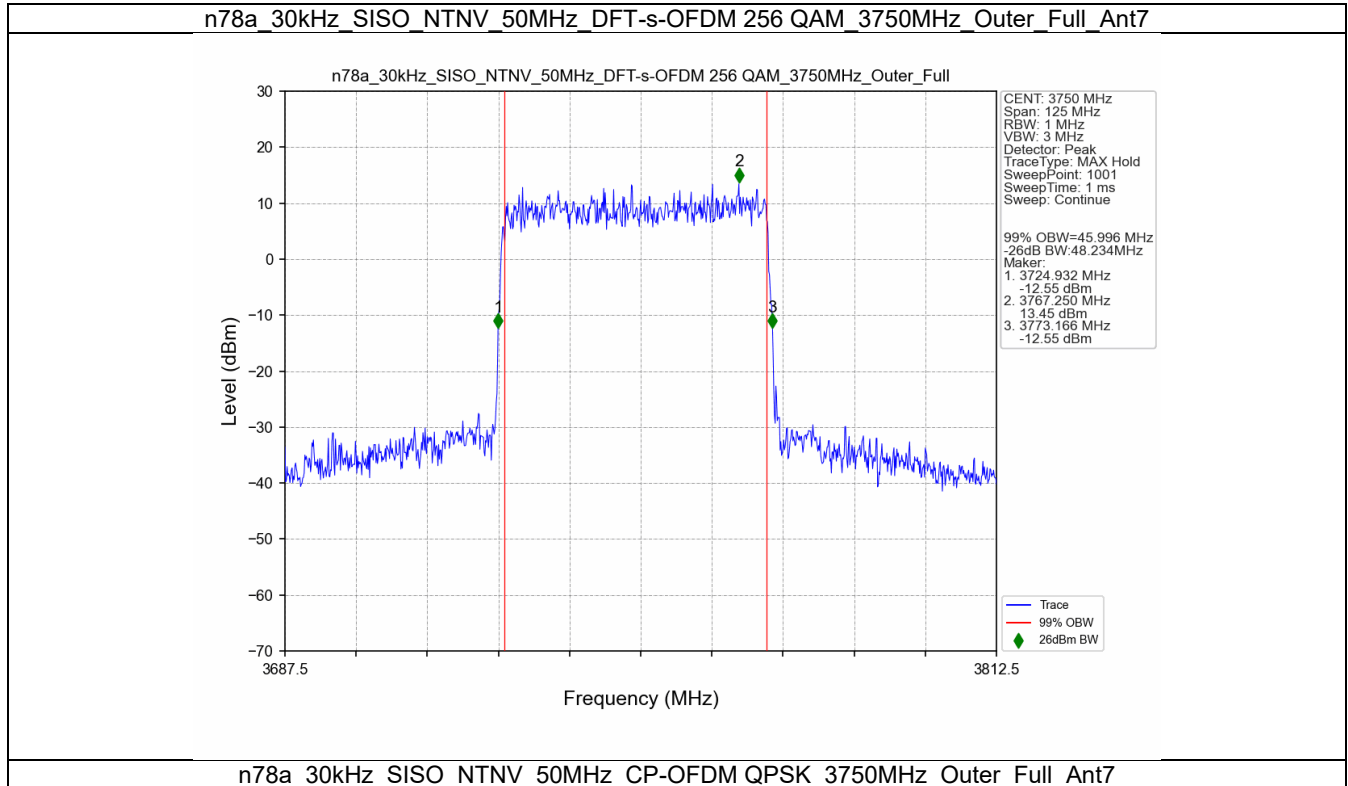


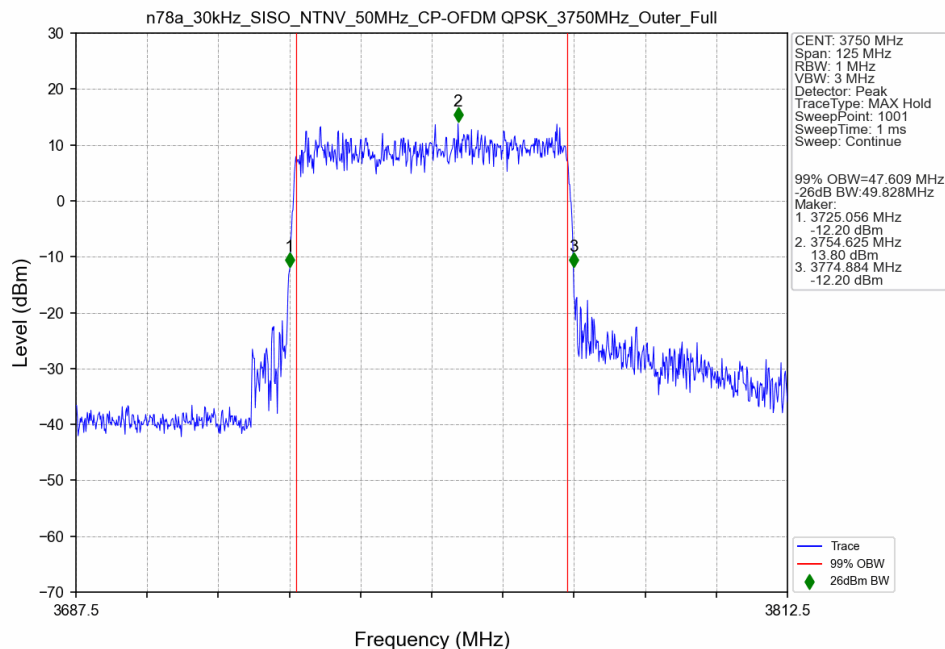
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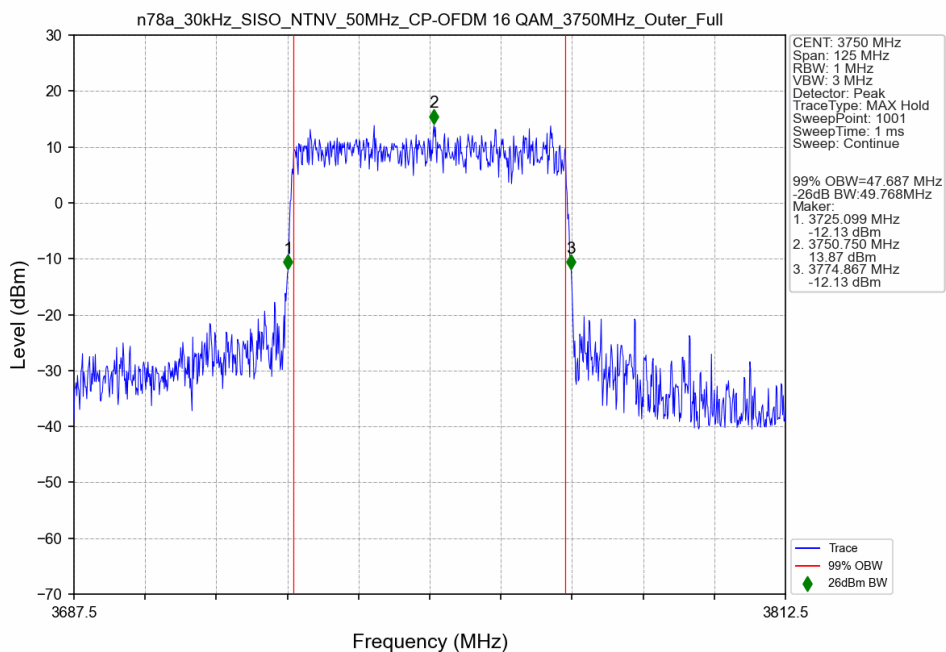
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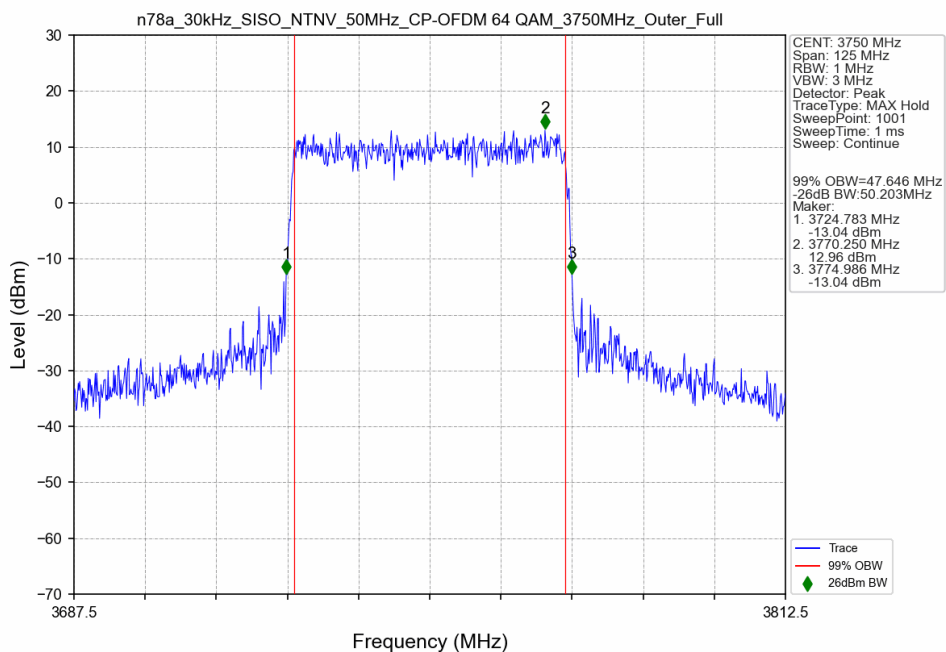




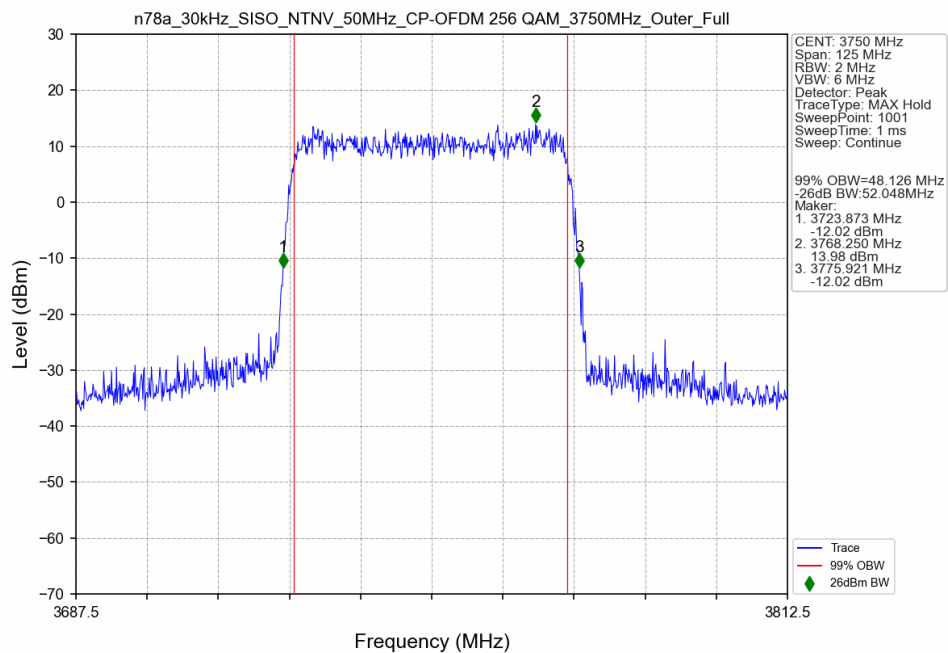
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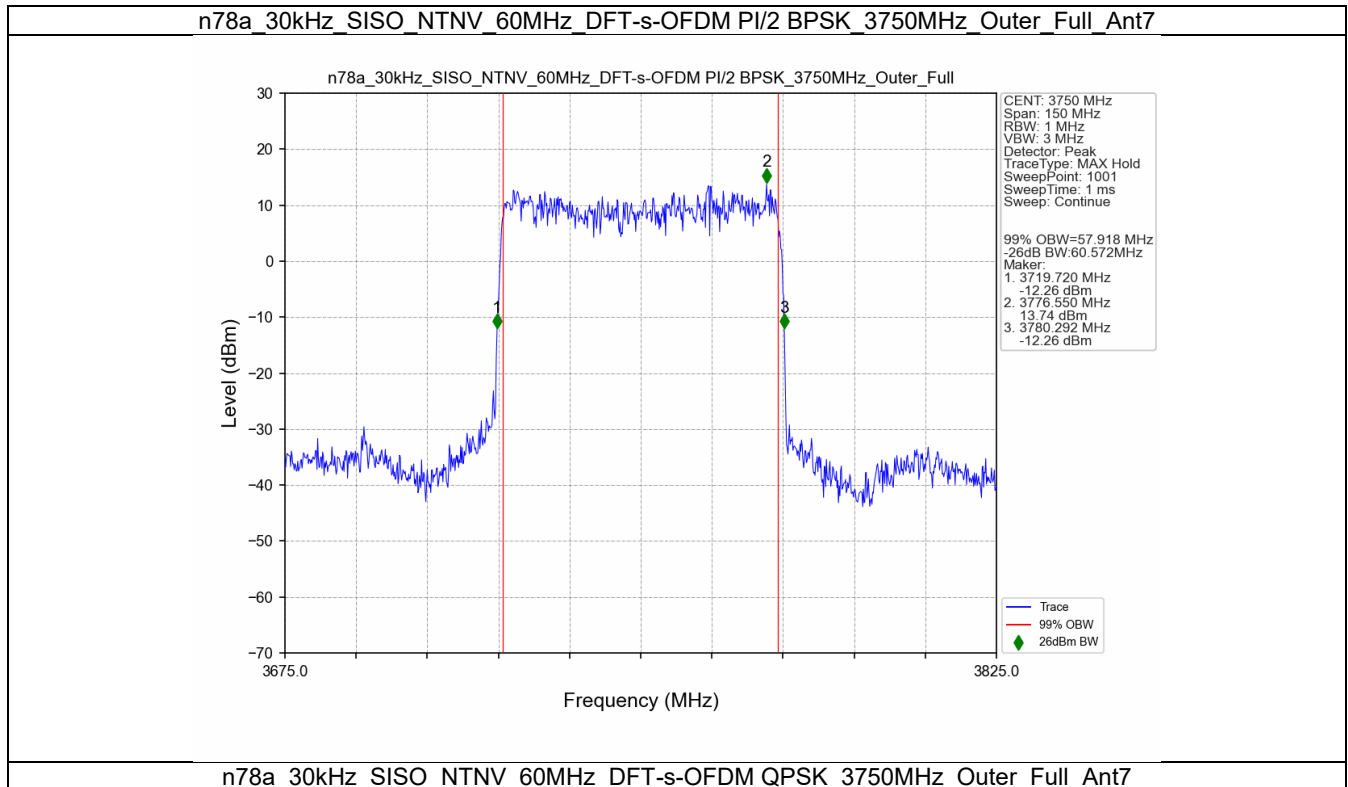
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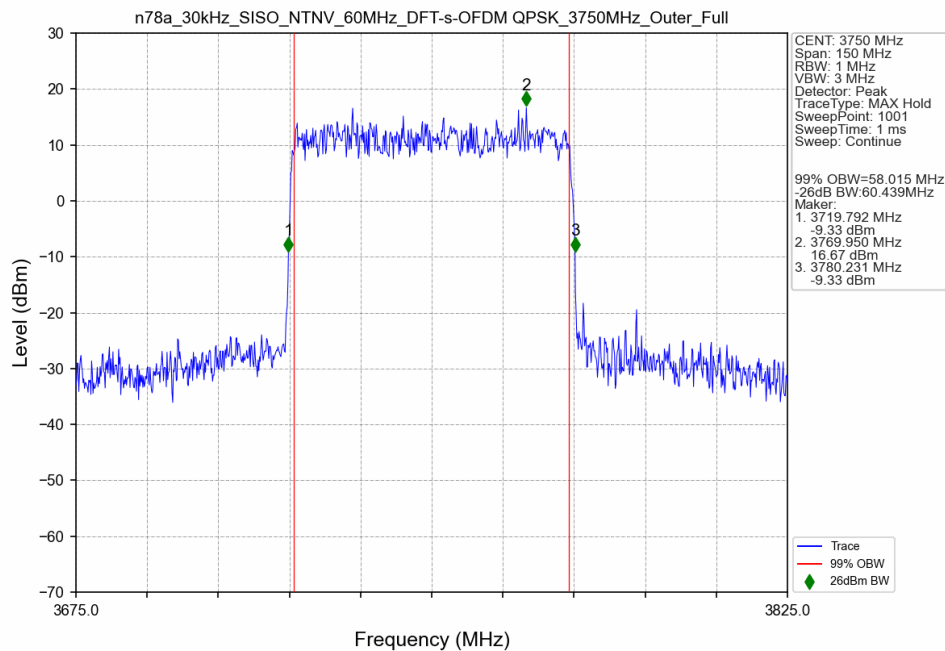


n78a_30kHz_SISO_NTNV_50MHz_CP-OFDM 256 QAM_3750MHz_Outer_Full_Ant7

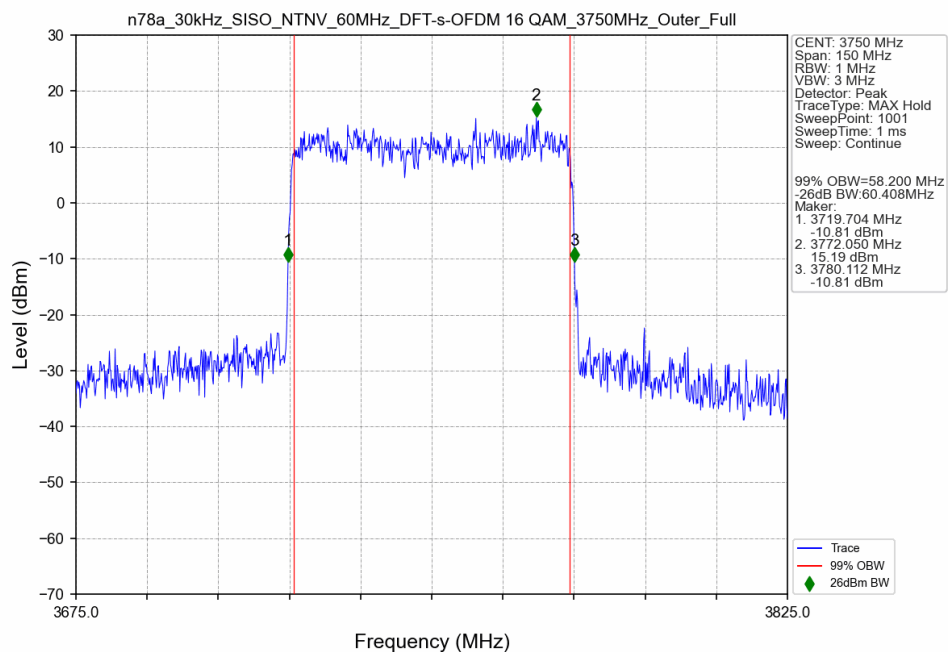


3.2.5 30_S_60M_NTNV

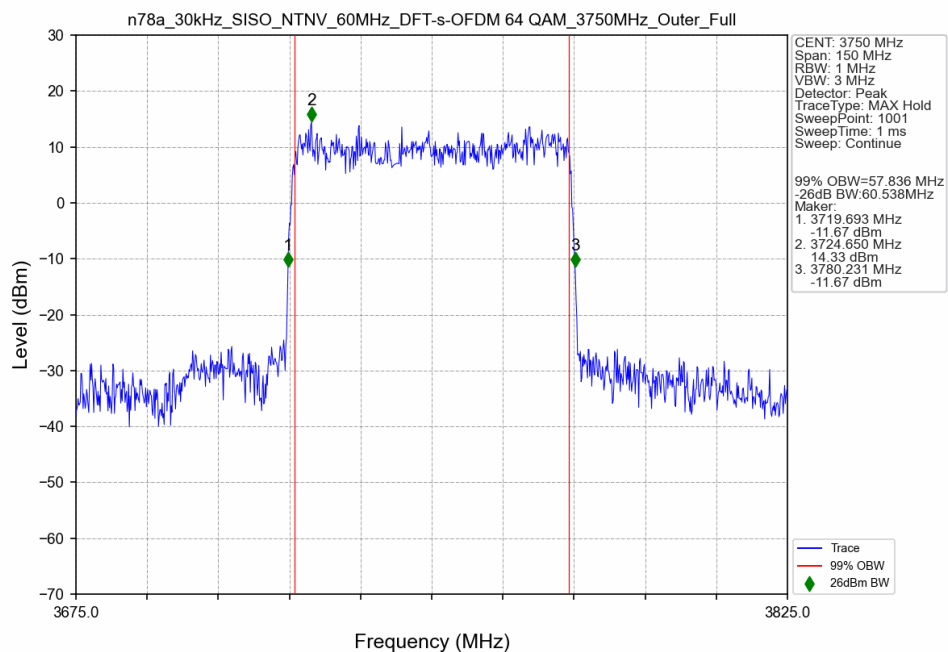




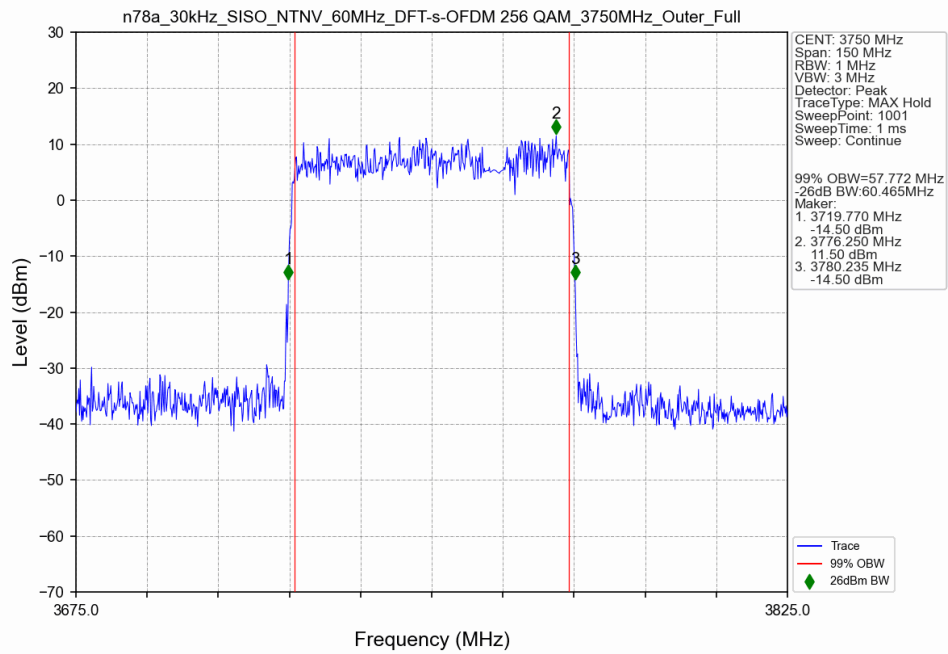
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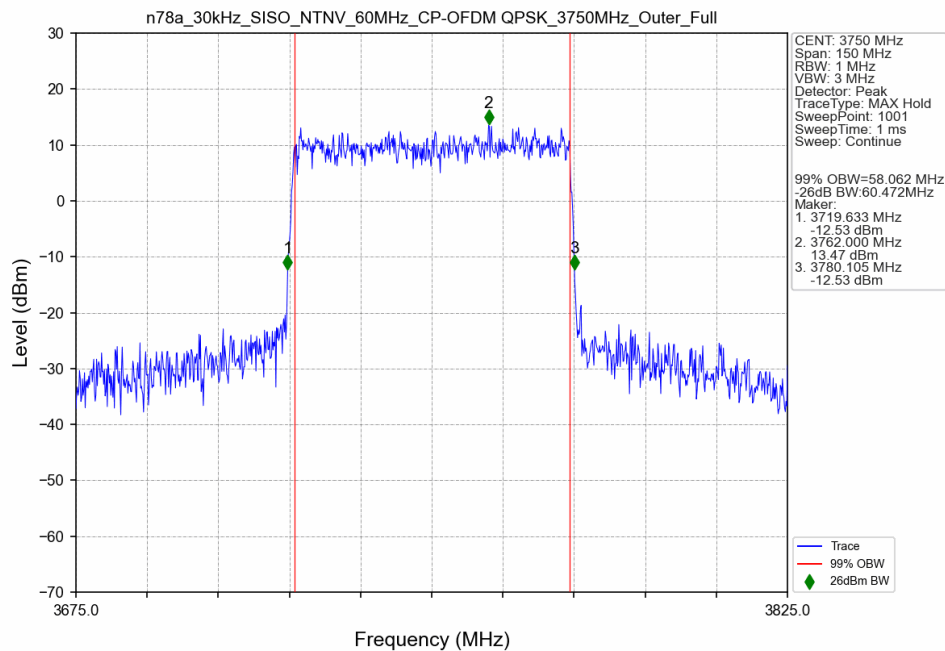
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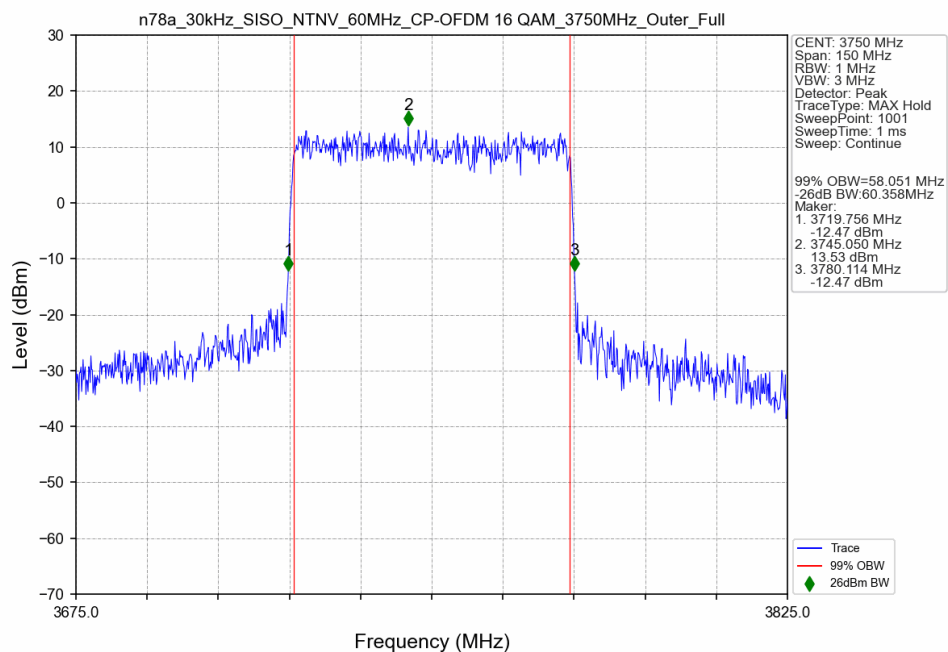
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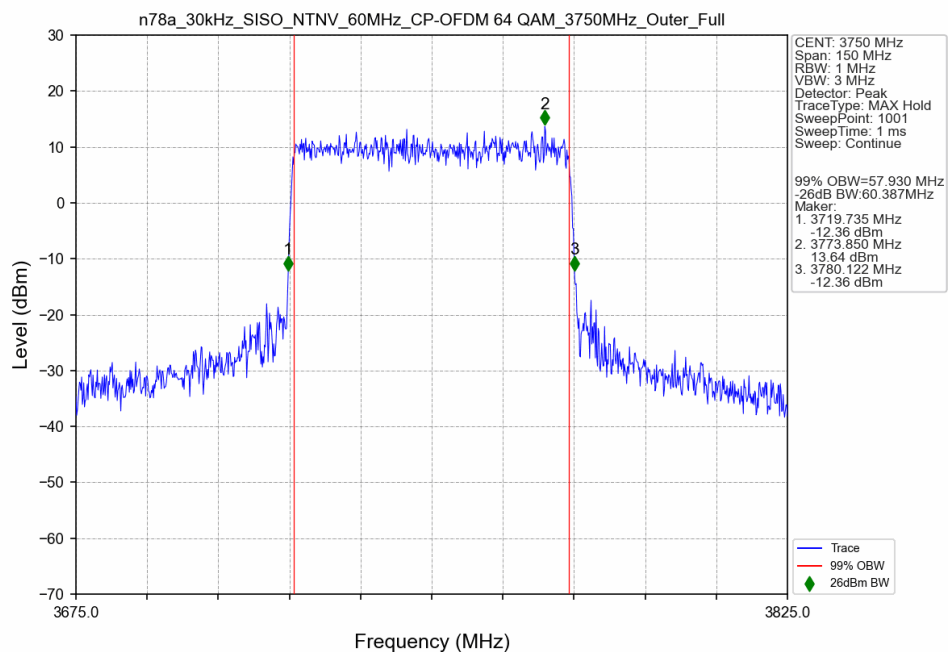
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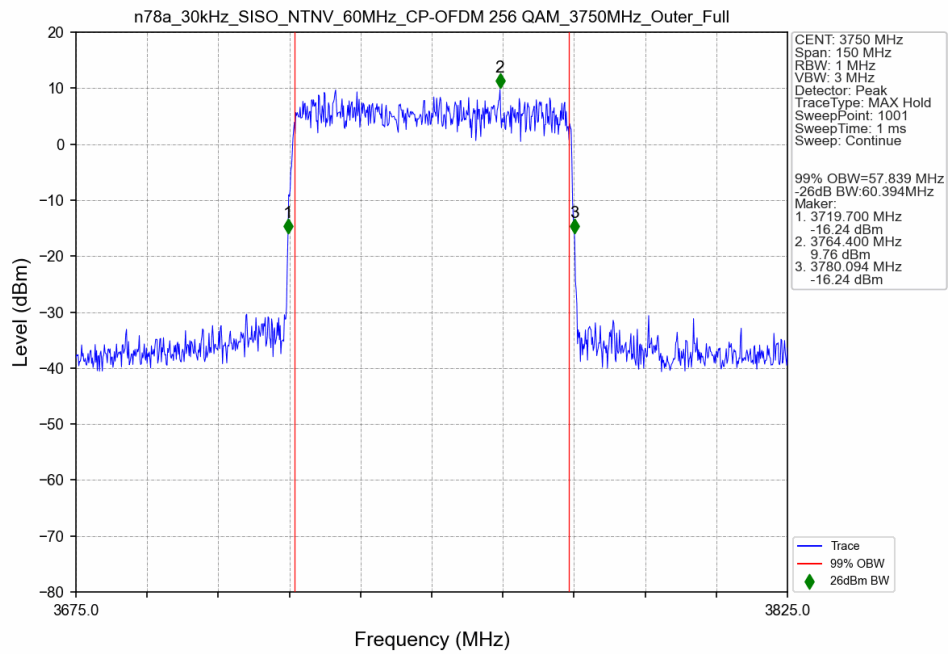
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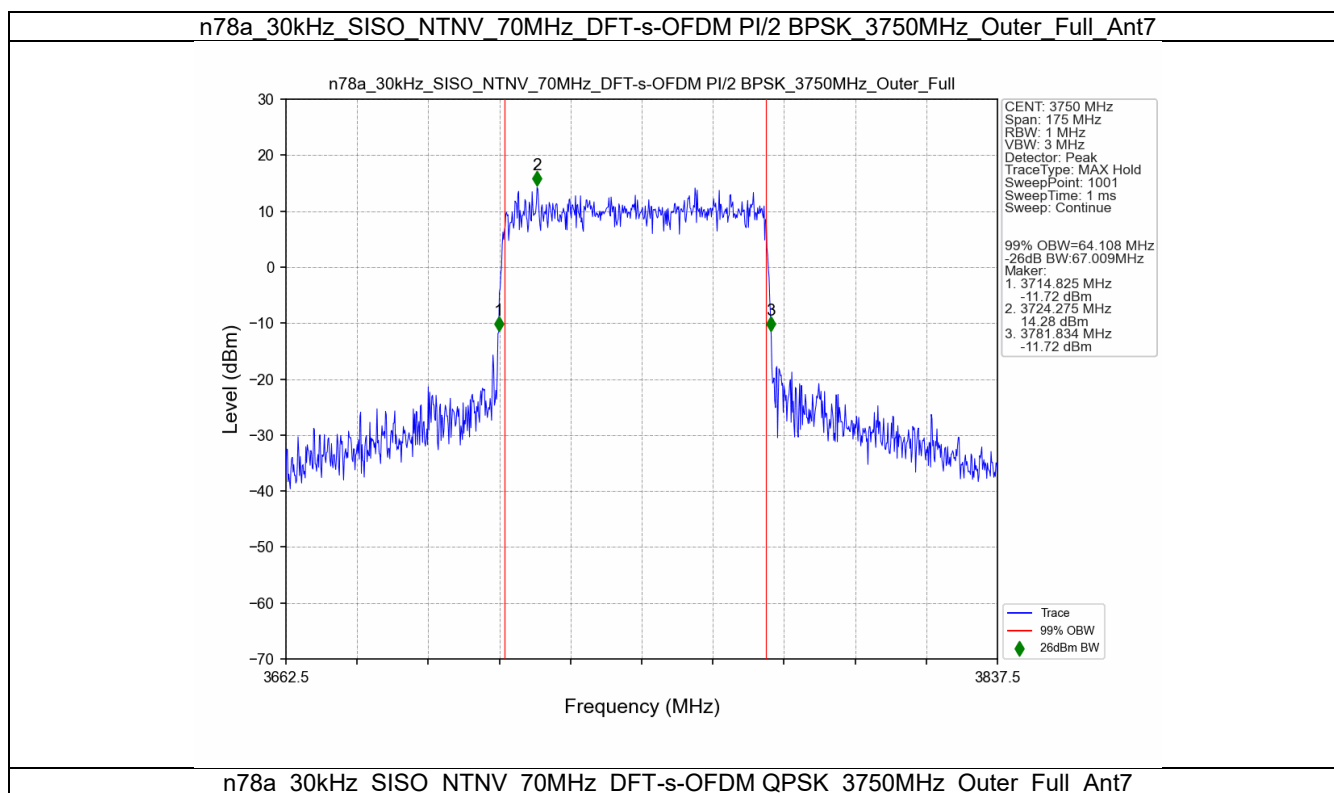
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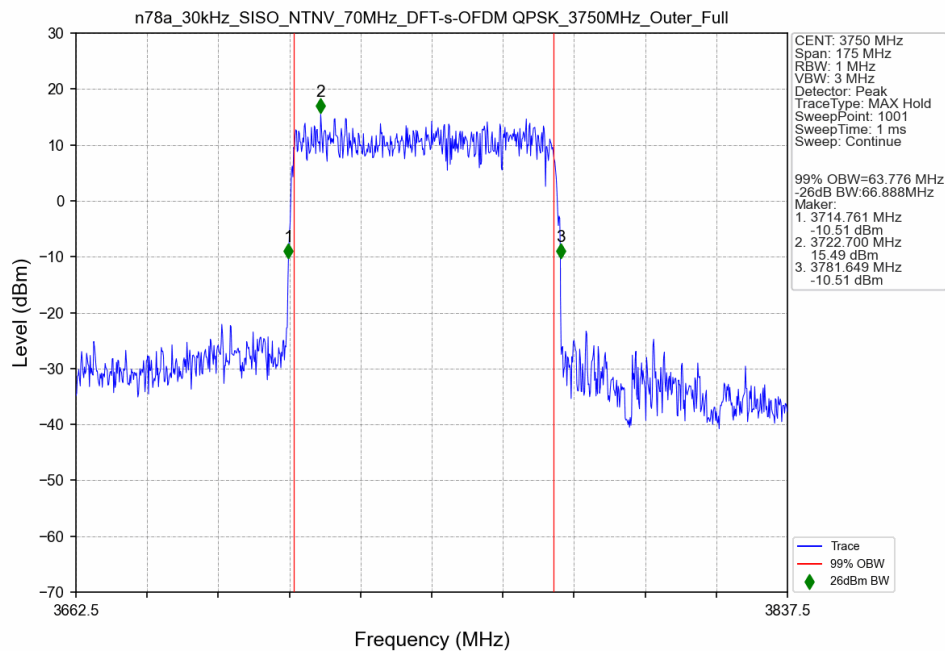


n78a_30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant7

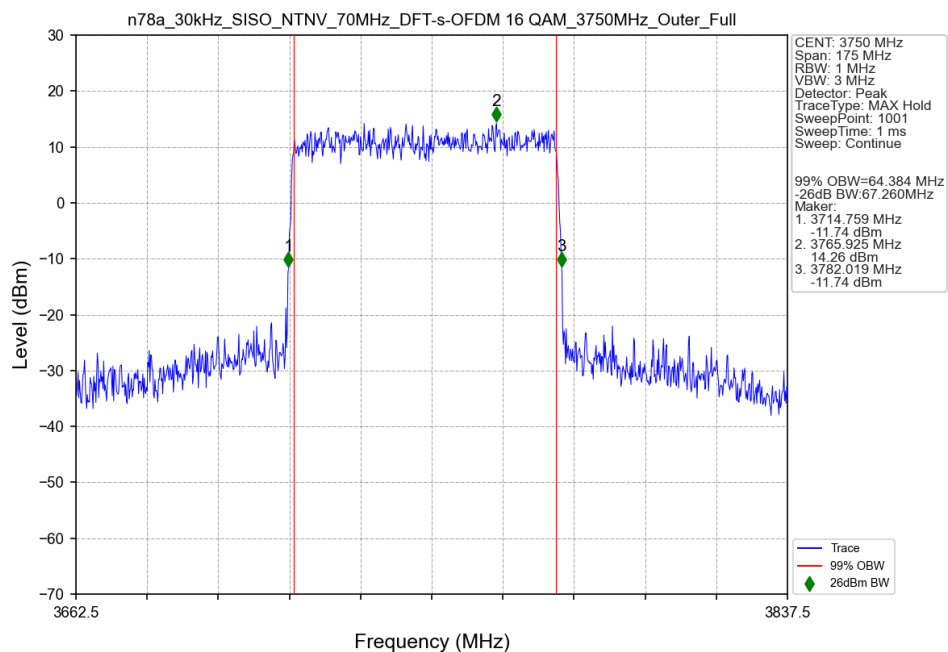


3.2.6 30_S_70M_NTNV

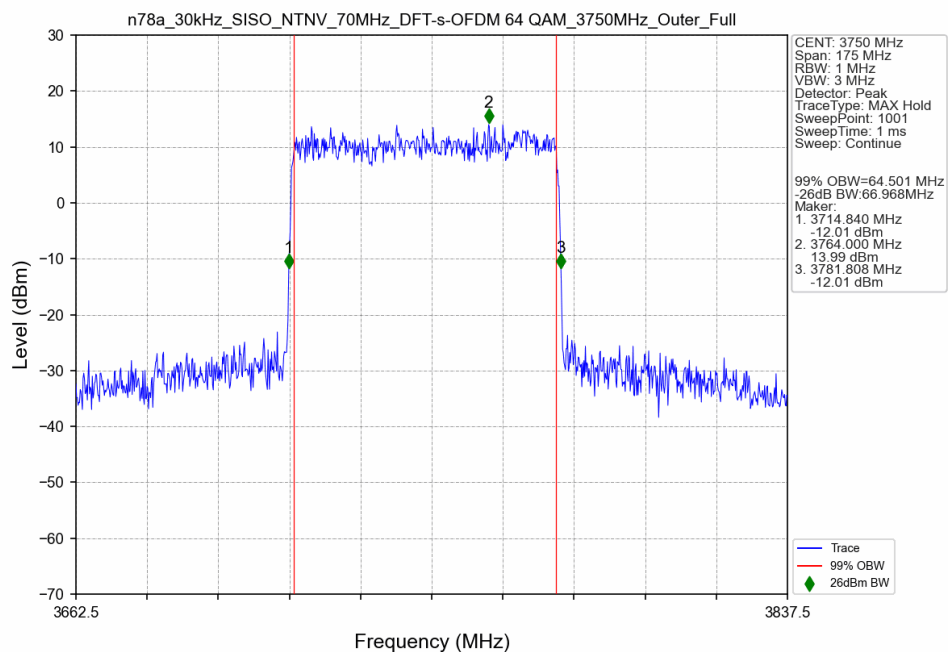


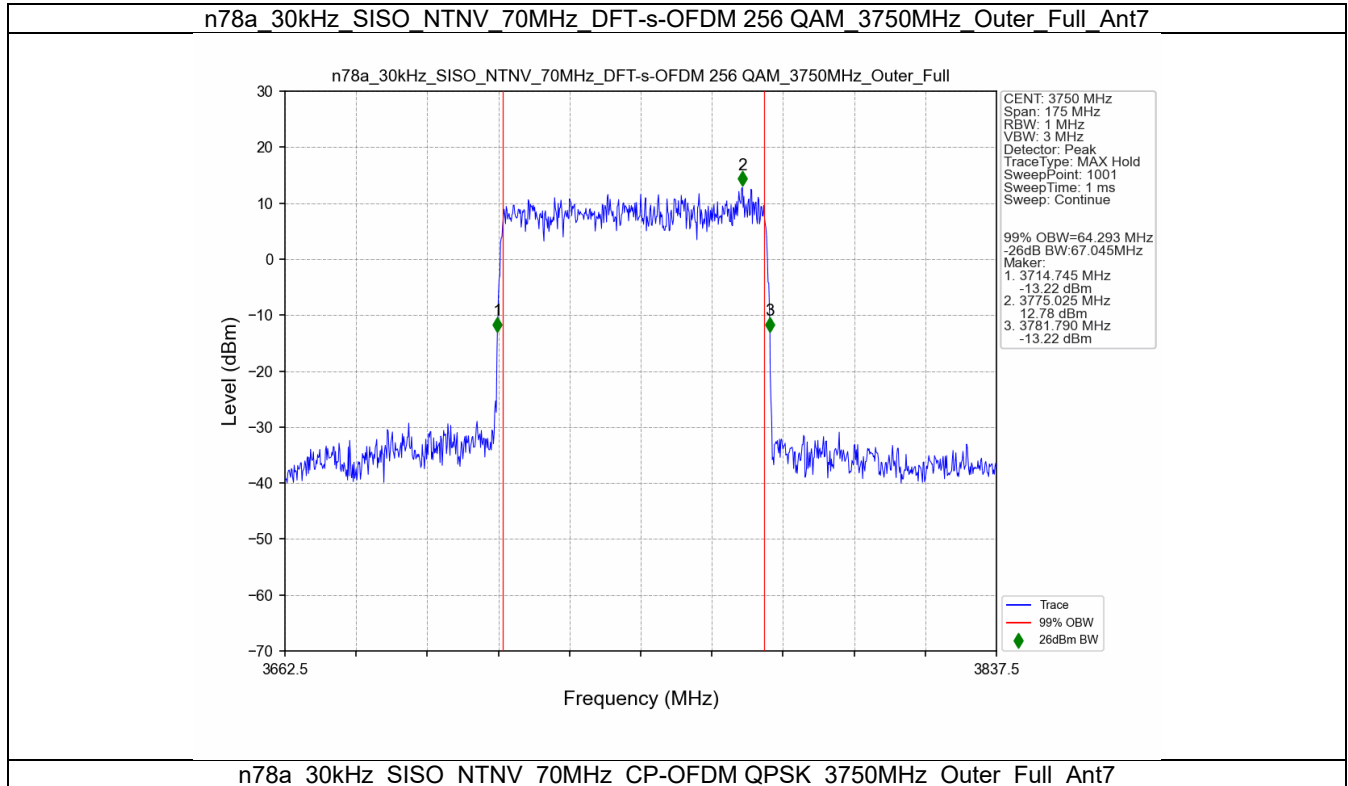


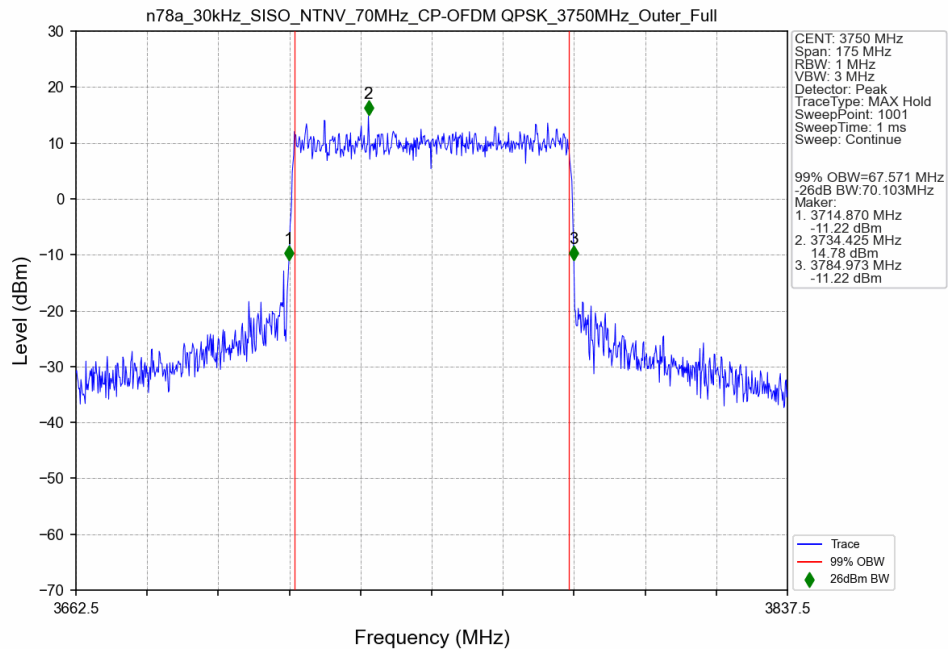
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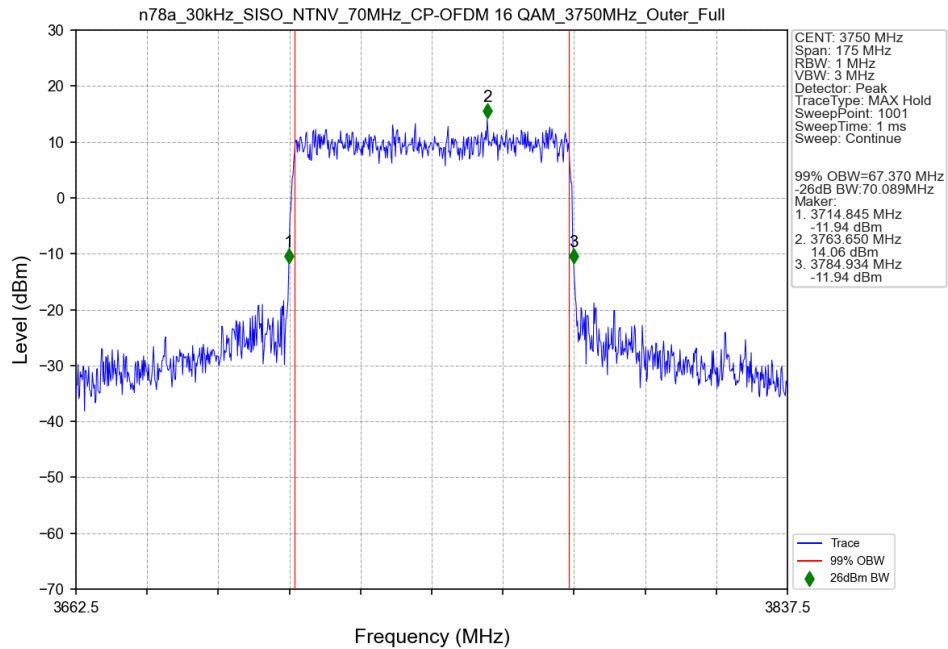
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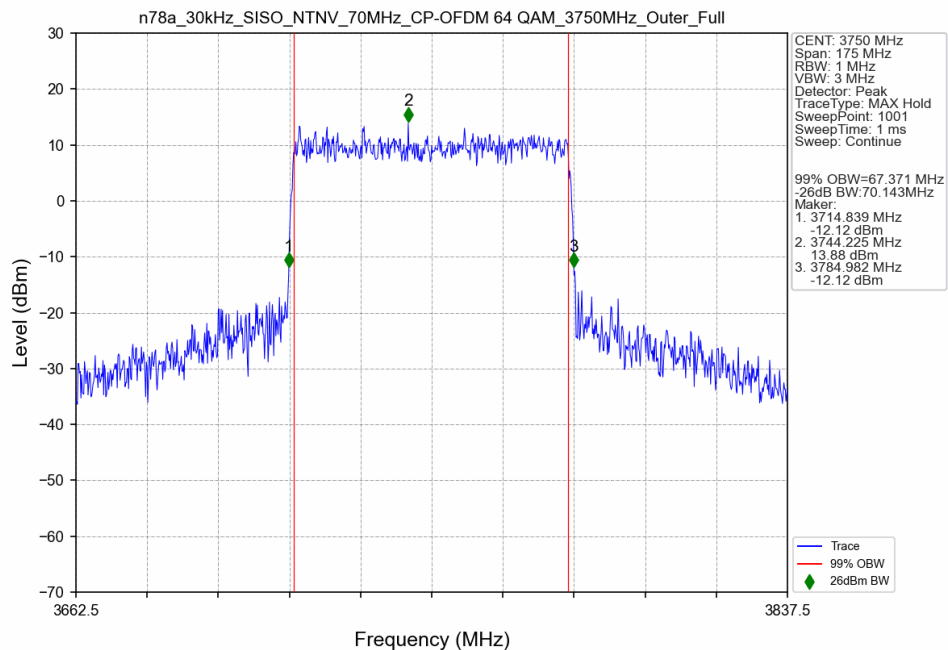




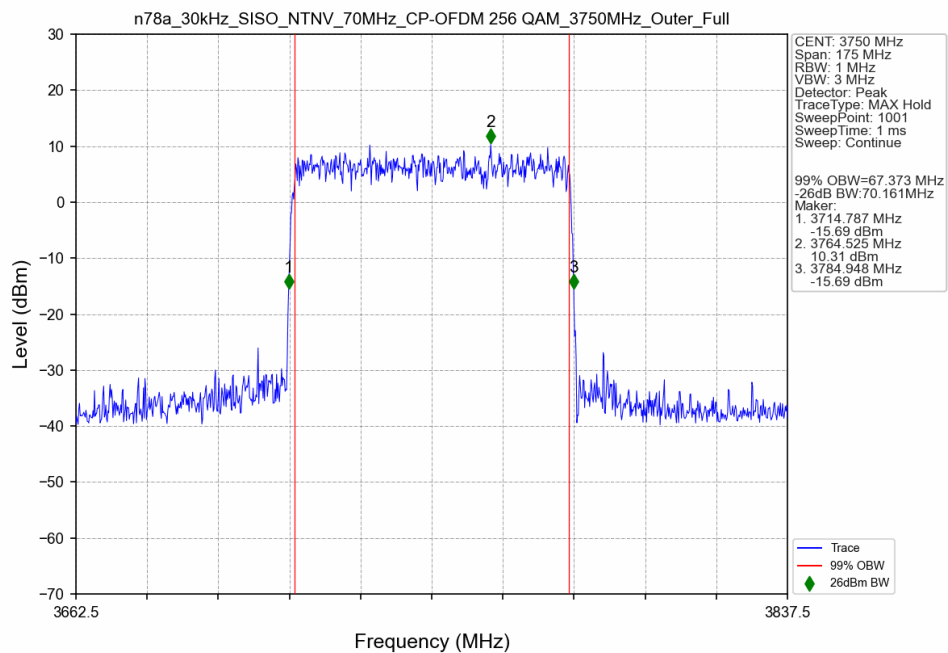
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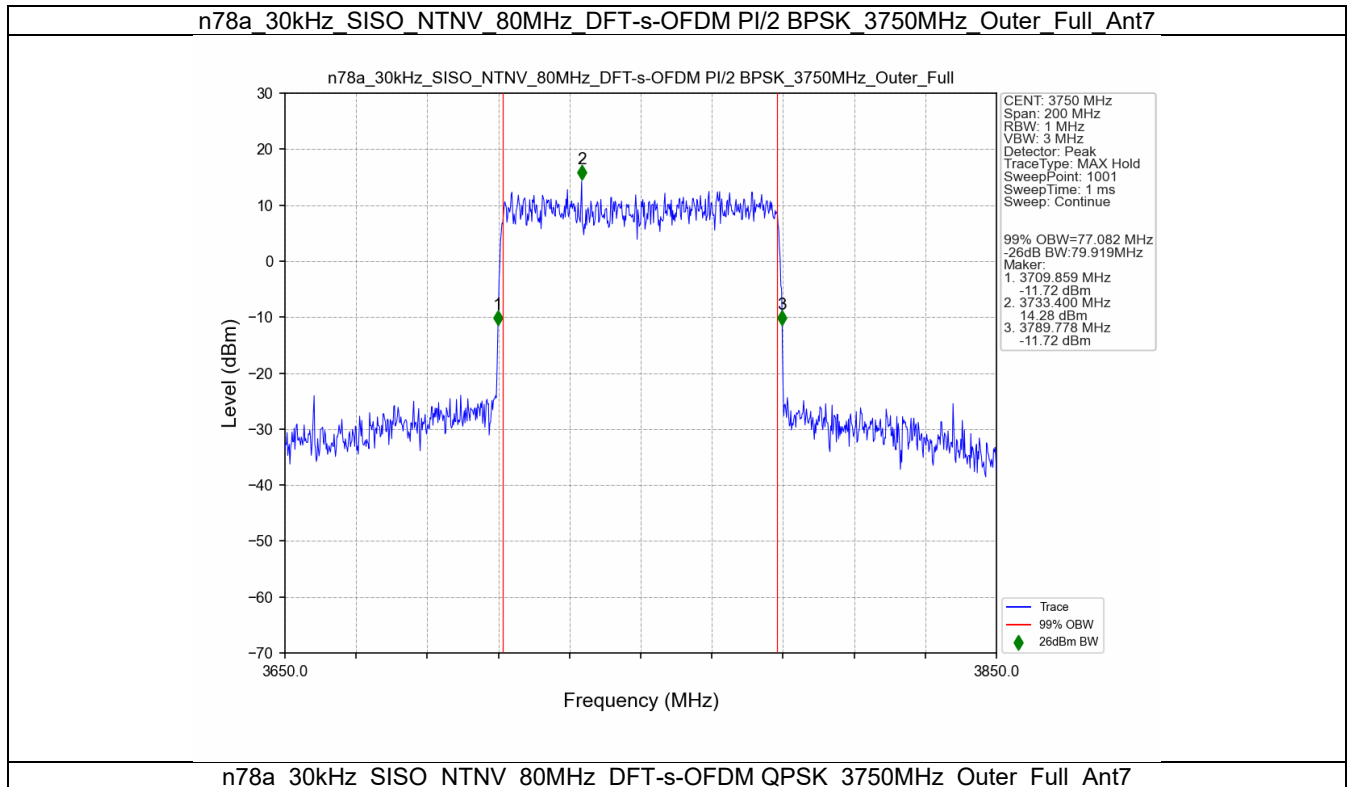
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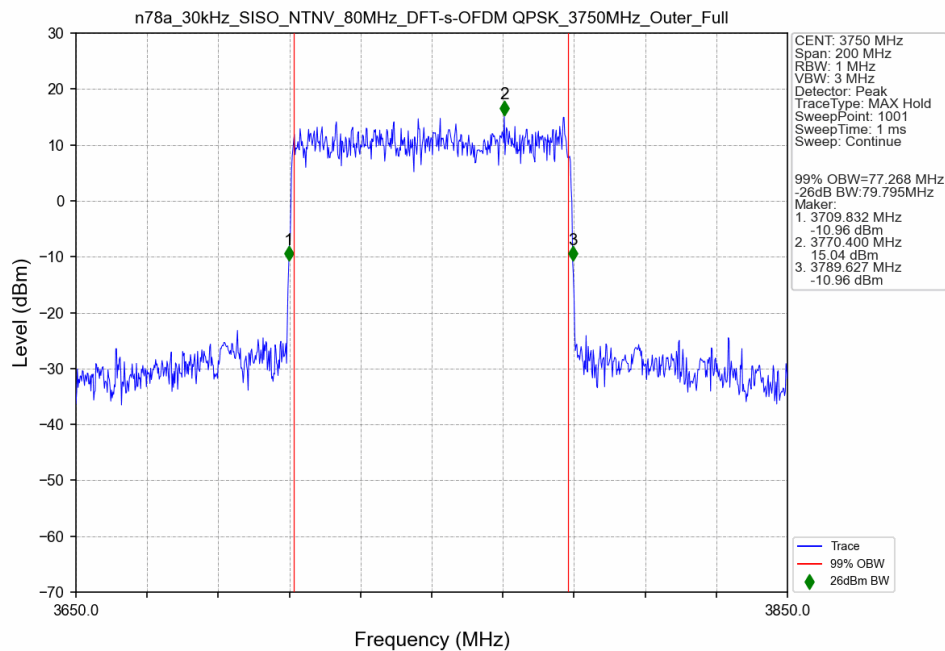


n78a_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant7

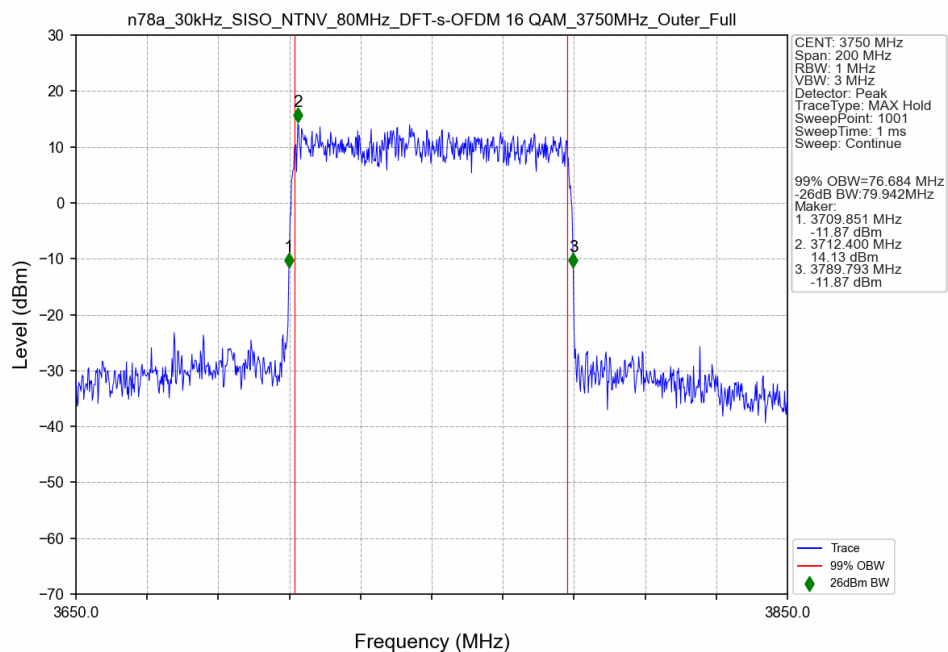


3.2.7 30_S_80M_NTNV

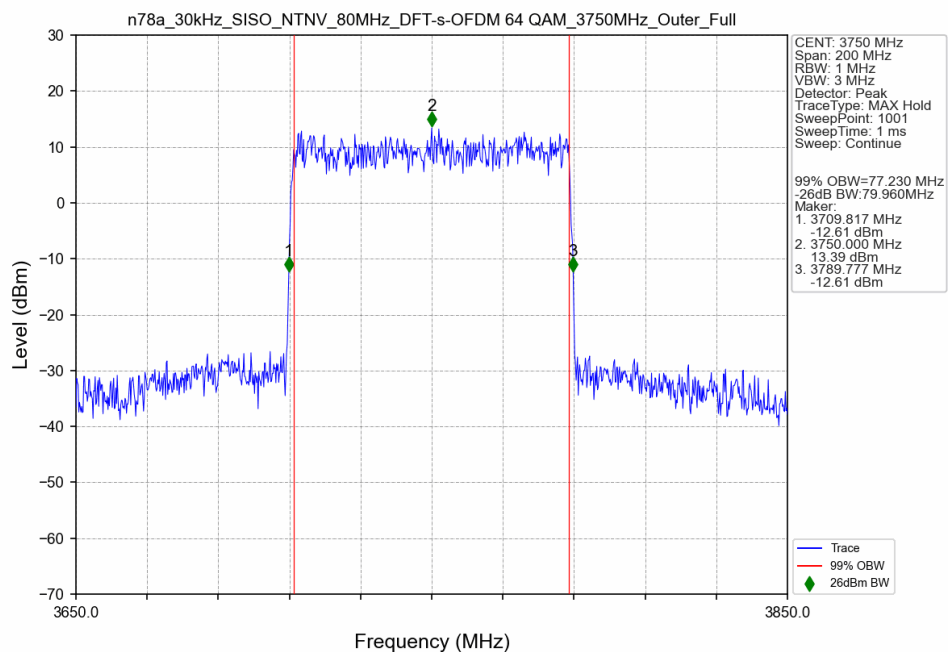




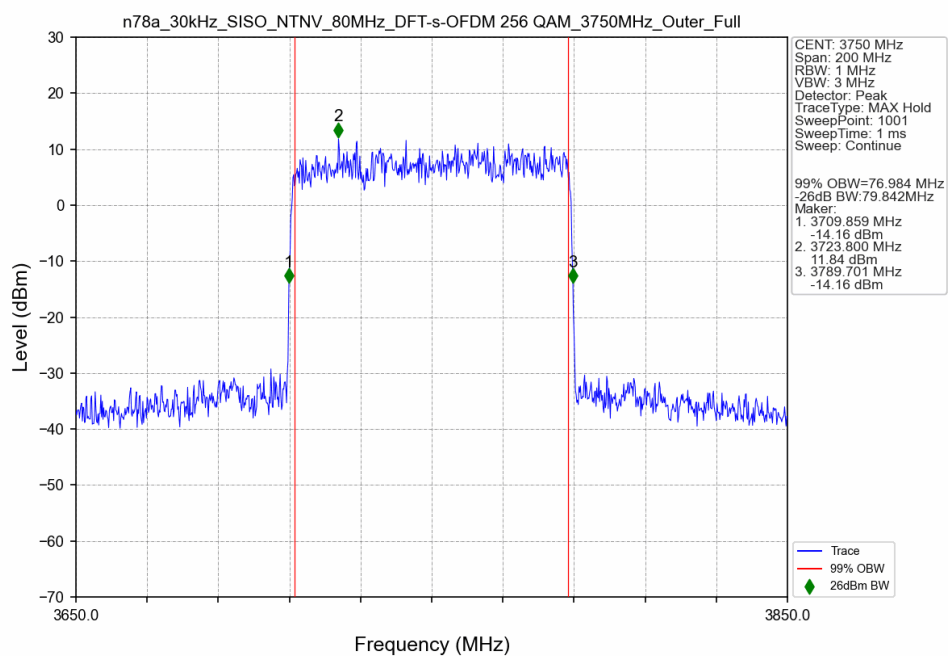
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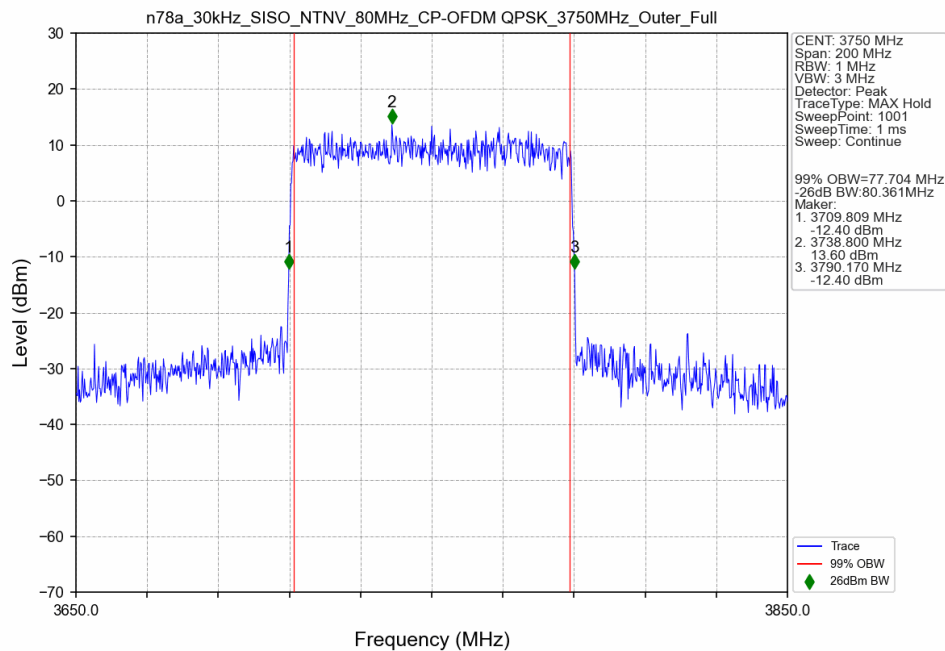
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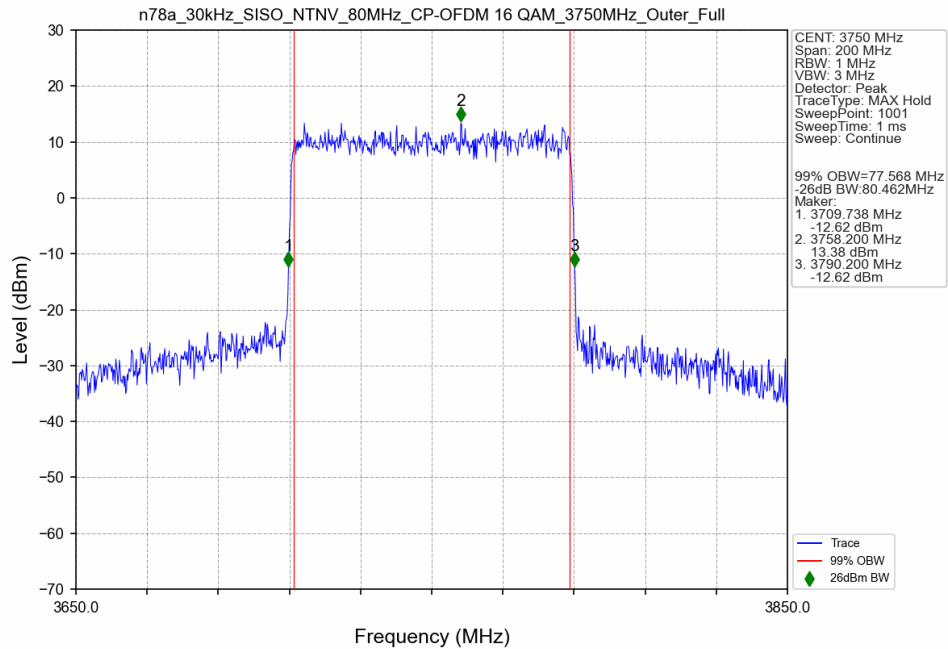
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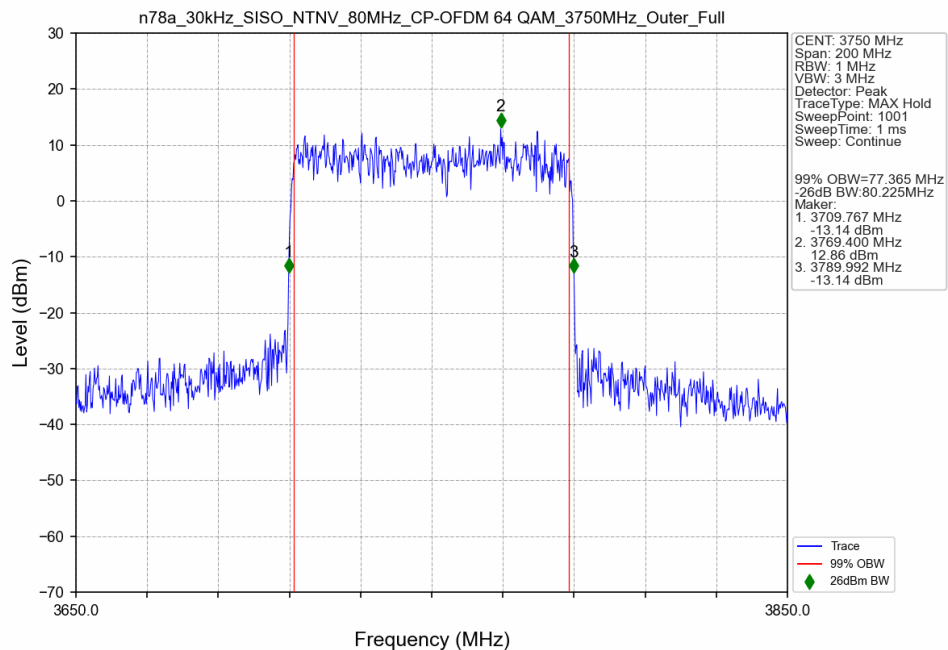
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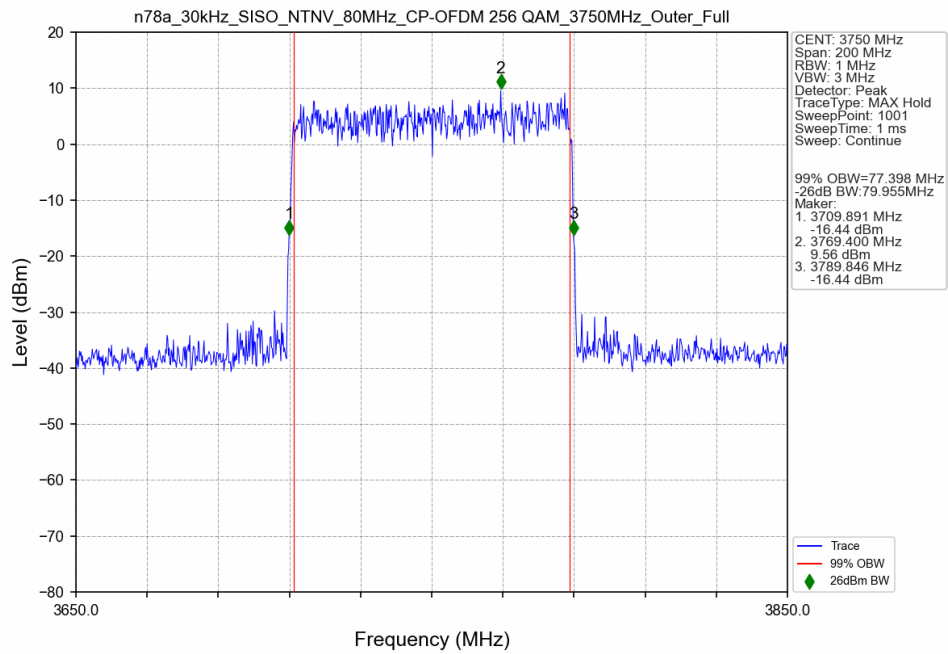
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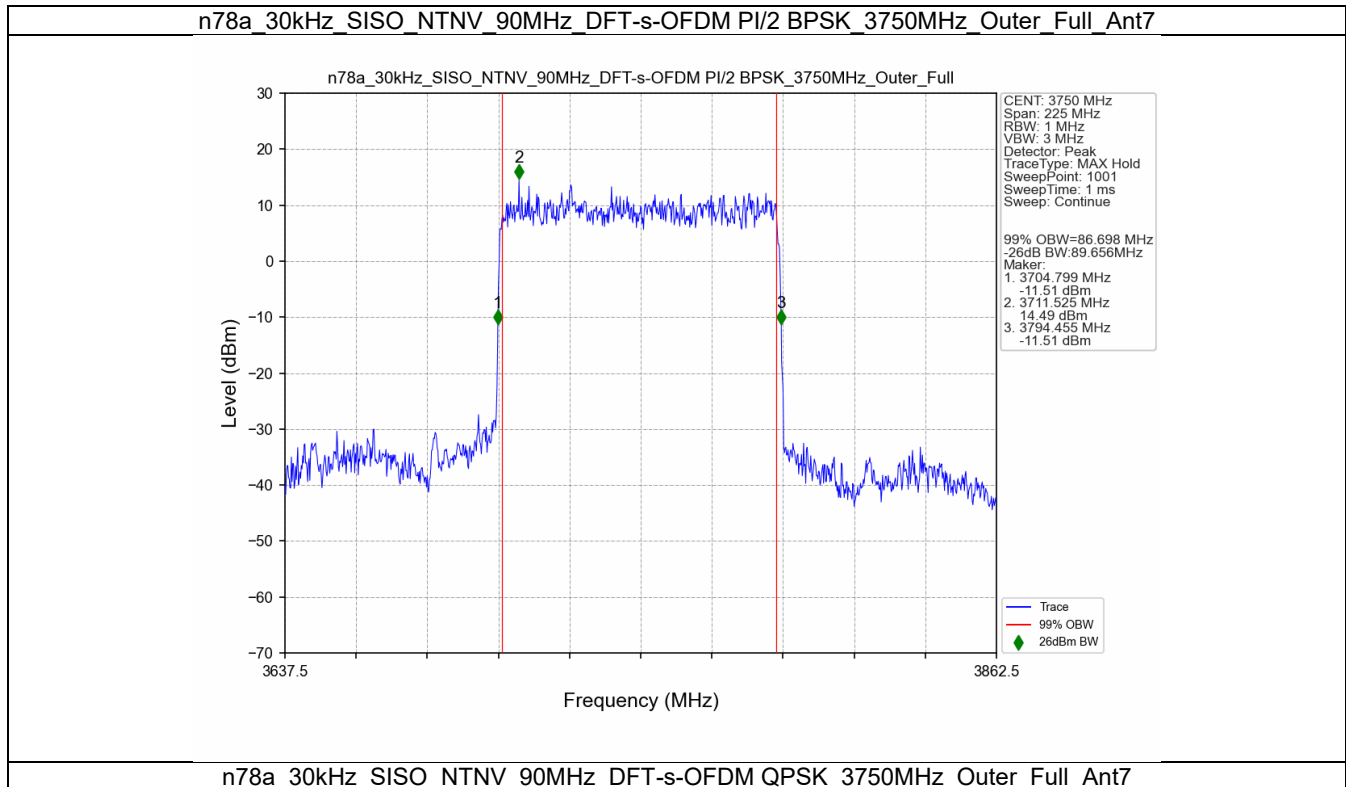
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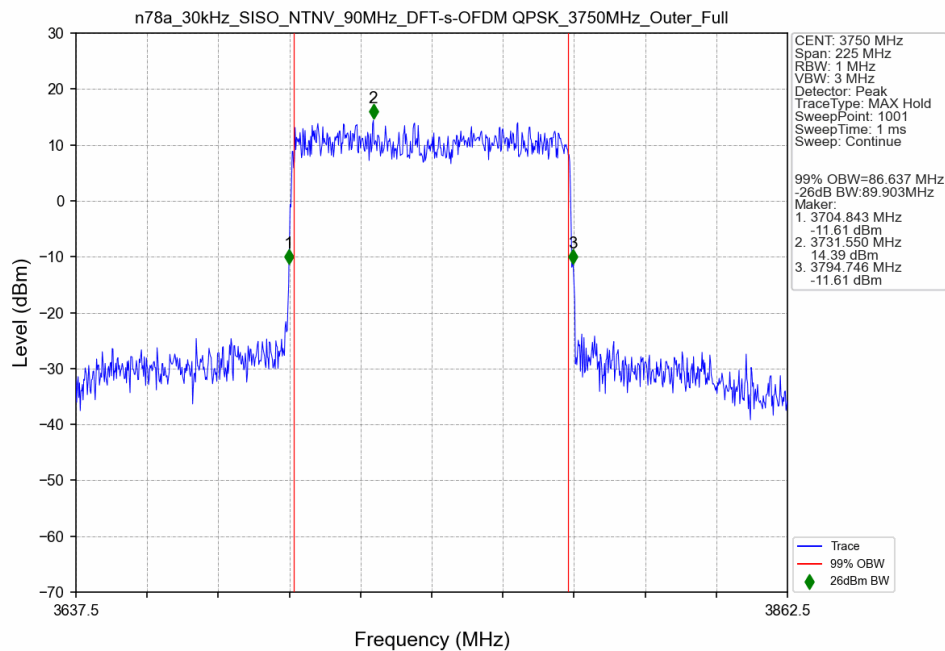


n78a_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant7

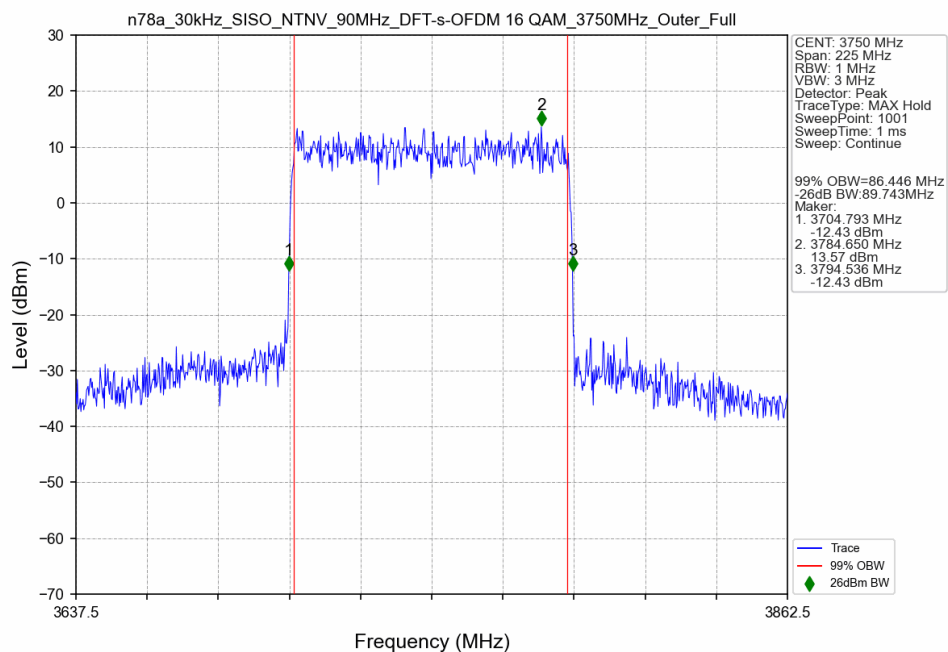


3.2.8 30_S_90M_NTNV





n78a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 16 QAM 3750MHz_Outer_Full_Ant7



n78a_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 64 QAM 3750MHz_Outer_Full_Ant7

