

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30k_SISO_10MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3705	Edge_1RB_Left	21.73	/	/	23.23	/	/	<=30	Pass
		Edge_1RB_Right	21.82	/	/	23.32	/	/	<=30	Pass
		Outer_Full	24.73	/	/	26.23	/	/	<=30	Pass
		Inner_Full	25.13	/	/	26.63	/	/	<=30	Pass
		Inner_1RB_Left	25.14	/	/	26.64	/	/	<=30	Pass
		Inner_1RB_Right	25.21	/	/	26.71	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.74	/	/	23.24	/	/	<=30	Pass
		Edge_1RB_Right	21.86	/	/	23.36	/	/	<=30	Pass
		Outer_Full	24.90	/	/	26.40	/	/	<=30	Pass
		Inner_Full	25.18	/	/	26.68	/	/	<=30	Pass
		Inner_1RB_Left	25.13	/	/	26.63	/	/	<=30	Pass
		Inner_1RB_Right	25.24	/	/	26.74	/	/	<=30	Pass
	3795	Edge_1RB_Left	21.78	/	/	23.28	/	/	<=30	Pass
		Edge_1RB_Right	21.78	/	/	23.28	/	/	<=30	Pass
		Outer_Full	24.76	/	/	26.26	/	/	<=30	Pass
		Inner_Full	25.16	/	/	26.66	/	/	<=30	Pass
		Inner_1RB_Left	25.20	/	/	26.70	/	/	<=30	Pass
		Inner_1RB_Right	25.16	/	/	26.66	/	/	<=30	Pass
DFT-s-OFDM QPSK	3705	Edge_1RB_Left	22.19	/	/	23.69	/	/	<=30	Pass
		Edge_1RB_Right	22.31	/	/	23.81	/	/	<=30	Pass
		Outer_Full	24.71	/	/	26.21	/	/	<=30	Pass
		Inner_Full	25.08	/	/	26.58	/	/	<=30	Pass
		Inner_1RB_Left	25.11	/	/	26.61	/	/	<=30	Pass
		Inner_1RB_Right	25.20	/	/	26.70	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.18	/	/	23.68	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	23.89	/	/	<=30	Pass
		Outer_Full	24.75	/	/	26.25	/	/	<=30	Pass
		Inner_Full	25.27	/	/	26.77	/	/	<=30	Pass
		Inner_1RB_Left	25.05	/	/	26.55	/	/	<=30	Pass
		Inner_1RB_Right	25.24	/	/	26.74	/	/	<=30	Pass
	3795	Edge_1RB_Left	22.25	/	/	23.75	/	/	<=30	Pass
		Edge_1RB_Right	22.30	/	/	23.80	/	/	<=30	Pass
		Outer_Full	24.77	/	/	26.27	/	/	<=30	Pass
		Inner_Full	25.24	/	/	26.74	/	/	<=30	Pass
		Inner_1RB_Left	25.16	/	/	26.66	/	/	<=30	Pass
		Inner_1RB_Right	25.15	/	/	26.65	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3705	Edge_1RB_Left	22.10	/	/	23.60	/	/	<=30	Pass
		Edge_1RB_Right	22.16	/	/	23.66	/	/	<=30	Pass
		Outer_Full	24.17	/	/	25.67	/	/	<=30	Pass
		Inner_Full	24.65	/	/	26.15	/	/	<=30	Pass
		Inner_1RB_Left	24.36	/	/	25.86	/	/	<=30	Pass
		Inner_1RB_Right	24.67	/	/	26.17	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.11	/	/	23.61	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	23.82	/	/	<=30	Pass
		Outer_Full	24.29	/	/	25.79	/	/	<=30	Pass
		Inner_Full	24.73	/	/	26.23	/	/	<=30	Pass
		Inner_1RB_Left	24.49	/	/	25.99	/	/	<=30	Pass
		Inner_1RB_Right	24.75	/	/	26.25	/	/	<=30	Pass
	3795	Edge_1RB_Left	22.09	/	/	23.59	/	/	<=30	Pass

		Edge 1RB Right	22.05	/	/	23.55	/	/	<=30	Pass
		Outer_Full	24.26	/	/	25.76	/	/	<=30	Pass
		Inner_Full	24.84	/	/	26.34	/	/	<=30	Pass
		Inner 1RB Left	24.52	/	/	26.02	/	/	<=30	Pass
		Inner 1RB Right	24.53	/	/	26.03	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3705	Edge 1RB Left	22.45	/	/	23.95	/	/	<=30	Pass
		Edge 1RB Right	22.40	/	/	23.90	/	/	<=30	Pass
		Outer_Full	23.32	/	/	24.82	/	/	<=30	Pass
		Inner_Full	23.22	/	/	24.72	/	/	<=30	Pass
		Inner 1RB Left	23.62	/	/	25.12	/	/	<=30	Pass
		Inner 1RB Right	23.50	/	/	25.00	/	/	<=30	Pass
	3750	Edge 1RB Left	22.36	/	/	23.86	/	/	<=30	Pass
		Edge 1RB Right	22.49	/	/	23.99	/	/	<=30	Pass
		Outer_Full	23.29	/	/	24.79	/	/	<=30	Pass
		Inner_Full	23.35	/	/	24.85	/	/	<=30	Pass
		Inner 1RB Left	23.51	/	/	25.01	/	/	<=30	Pass
		Inner 1RB Right	23.48	/	/	24.98	/	/	<=30	Pass
	3795	Edge 1RB Left	22.41	/	/	23.91	/	/	<=30	Pass
		Edge 1RB Right	22.35	/	/	23.85	/	/	<=30	Pass
		Outer_Full	23.29	/	/	24.79	/	/	<=30	Pass
		Inner_Full	23.38	/	/	24.88	/	/	<=30	Pass
		Inner 1RB Left	23.57	/	/	25.07	/	/	<=30	Pass
		Inner 1RB Right	23.45	/	/	24.95	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3705	Edge 1RB Left	20.79	/	/	22.29	/	/	<=30	Pass
		Edge 1RB Right	20.90	/	/	22.40	/	/	<=30	Pass
		Outer_Full	20.94	/	/	22.44	/	/	<=30	Pass
		Inner_Full	21.08	/	/	22.58	/	/	<=30	Pass
		Inner 1RB Left	20.85	/	/	22.35	/	/	<=30	Pass
		Inner 1RB Right	20.94	/	/	22.44	/	/	<=30	Pass
	3750	Edge 1RB Left	20.80	/	/	22.30	/	/	<=30	Pass
		Edge 1RB Right	20.93	/	/	22.43	/	/	<=30	Pass
		Outer_Full	20.92	/	/	22.42	/	/	<=30	Pass
		Inner_Full	20.97	/	/	22.47	/	/	<=30	Pass
		Inner 1RB Left	20.81	/	/	22.31	/	/	<=30	Pass
		Inner 1RB Right	20.94	/	/	22.44	/	/	<=30	Pass
	3795	Edge 1RB Left	20.85	/	/	22.35	/	/	<=30	Pass
		Edge 1RB Right	20.81	/	/	22.31	/	/	<=30	Pass
		Outer_Full	20.95	/	/	22.45	/	/	<=30	Pass
		Inner_Full	21.13	/	/	22.63	/	/	<=30	Pass
		Inner 1RB Left	20.81	/	/	22.31	/	/	<=30	Pass
		Inner 1RB Right	20.86	/	/	22.36	/	/	<=30	Pass
CP-OFDM QPSK	3705	Edge 1RB Left	22.06	/	/	23.56	/	/	<=30	Pass
		Edge 1RB Right	22.36	/	/	23.86	/	/	<=30	Pass
		Outer_Full	22.75	/	/	24.25	/	/	<=30	Pass
		Inner_Full	24.01	/	/	25.51	/	/	<=30	Pass
		Inner 1RB Left	24.13	/	/	25.63	/	/	<=30	Pass
		Inner 1RB Right	24.21	/	/	25.71	/	/	<=30	Pass
	3750	Edge 1RB Left	22.47	/	/	23.97	/	/	<=30	Pass
		Edge 1RB Right	22.32	/	/	23.82	/	/	<=30	Pass
		Outer_Full	22.79	/	/	24.29	/	/	<=30	Pass
		Inner_Full	24.14	/	/	25.64	/	/	<=30	Pass
		Inner 1RB Left	24.07	/	/	25.57	/	/	<=30	Pass
		Inner 1RB Right	24.25	/	/	25.75	/	/	<=30	Pass
	3795	Edge 1RB Left	22.41	/	/	23.91	/	/	<=30	Pass
		Edge 1RB Right	22.22	/	/	23.72	/	/	<=30	Pass
		Outer_Full	22.64	/	/	24.14	/	/	<=30	Pass
		Inner_Full	23.97	/	/	25.47	/	/	<=30	Pass
		Inner 1RB Left	24.16	/	/	25.66	/	/	<=30	Pass
		Inner 1RB Right	24.21	/	/	25.71	/	/	<=30	Pass

CP-OFDM 16 QAM	3705	Edge 1RB Left	21.93	/	/	23.43	/	/	<=30	Pass
		Edge 1RB Right	22.03	/	/	23.53	/	/	<=30	Pass
		Outer_Full	22.74	/	/	24.24	/	/	<=30	Pass
		Inner_Full	23.68	/	/	25.18	/	/	<=30	Pass
		Inner 1RB Left	23.36	/	/	24.86	/	/	<=30	Pass
		Inner 1RB Right	23.57	/	/	25.07	/	/	<=30	Pass
	3750	Edge 1RB Left	22.02	/	/	23.52	/	/	<=30	Pass
		Edge 1RB Right	22.15	/	/	23.65	/	/	<=30	Pass
		Outer_Full	22.82	/	/	24.32	/	/	<=30	Pass
		Inner_Full	23.77	/	/	25.27	/	/	<=30	Pass
		Inner 1RB Left	23.38	/	/	24.88	/	/	<=30	Pass
		Inner 1RB Right	23.50	/	/	25.00	/	/	<=30	Pass
	3795	Edge 1RB Left	21.89	/	/	23.39	/	/	<=30	Pass
		Edge 1RB Right	21.96	/	/	23.46	/	/	<=30	Pass
		Outer_Full	22.84	/	/	24.34	/	/	<=30	Pass
		Inner_Full	23.86	/	/	25.36	/	/	<=30	Pass
		Inner 1RB Left	23.40	/	/	24.90	/	/	<=30	Pass
		Inner 1RB Right	23.52	/	/	25.02	/	/	<=30	Pass
CP-OFDM 64 QAM	3705	Edge 1RB Left	22.33	/	/	23.83	/	/	<=30	Pass
		Edge 1RB Right	22.43	/	/	23.93	/	/	<=30	Pass
		Outer_Full	22.19	/	/	23.69	/	/	<=30	Pass
		Inner_Full	22.30	/	/	23.80	/	/	<=30	Pass
		Inner 1RB Left	22.38	/	/	23.88	/	/	<=30	Pass
		Inner 1RB Right	22.52	/	/	24.02	/	/	<=30	Pass
	3750	Edge 1RB Left	22.34	/	/	23.84	/	/	<=30	Pass
		Edge 1RB Right	22.57	/	/	24.07	/	/	<=30	Pass
		Outer_Full	22.17	/	/	23.67	/	/	<=30	Pass
		Inner_Full	22.44	/	/	23.94	/	/	<=30	Pass
		Inner 1RB Left	22.41	/	/	23.91	/	/	<=30	Pass
		Inner 1RB Right	22.49	/	/	23.99	/	/	<=30	Pass
	3795	Edge 1RB Left	22.38	/	/	23.88	/	/	<=30	Pass
		Edge 1RB Right	22.40	/	/	23.90	/	/	<=30	Pass
		Outer_Full	22.35	/	/	23.85	/	/	<=30	Pass
		Inner_Full	22.28	/	/	23.78	/	/	<=30	Pass
		Inner 1RB Left	22.45	/	/	23.95	/	/	<=30	Pass
		Inner 1RB Right	22.40	/	/	23.90	/	/	<=30	Pass
CP-OFDM 256 QAM	3705	Edge 1RB Left	18.98	/	/	20.48	/	/	<=30	Pass
		Edge 1RB Right	19.06	/	/	20.56	/	/	<=30	Pass
		Outer_Full	18.96	/	/	20.46	/	/	<=30	Pass
		Inner_Full	18.91	/	/	20.41	/	/	<=30	Pass
		Inner 1RB Left	19.00	/	/	20.50	/	/	<=30	Pass
		Inner 1RB Right	19.14	/	/	20.64	/	/	<=30	Pass
	3750	Edge 1RB Left	18.90	/	/	20.40	/	/	<=30	Pass
		Edge 1RB Right	19.06	/	/	20.56	/	/	<=30	Pass
		Outer_Full	18.95	/	/	20.45	/	/	<=30	Pass
		Inner_Full	19.03	/	/	20.53	/	/	<=30	Pass
		Inner 1RB Left	18.92	/	/	20.42	/	/	<=30	Pass
		Inner 1RB Right	19.08	/	/	20.58	/	/	<=30	Pass
	3795	Edge 1RB Left	19.08	/	/	20.58	/	/	<=30	Pass
		Edge 1RB Right	19.07	/	/	20.57	/	/	<=30	Pass
		Outer_Full	18.95	/	/	20.45	/	/	<=30	Pass
		Inner_Full	18.90	/	/	20.40	/	/	<=30	Pass
		Inner 1RB Left	19.03	/	/	20.53	/	/	<=30	Pass
		Inner 1RB Right	19.03	/	/	20.53	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30k_SISO_15MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3707.52	Edge 1RB Left	21.82	/	/	23.32	/	/	<=30	Pass
		Edge 1RB Right	22.00	/	/	23.50	/	/	<=30	Pass
		Outer Full	24.80	/	/	26.30	/	/	<=30	Pass
		Inner Full	25.33	/	/	26.83	/	/	<=30	Pass
		Inner 1RB Left	25.11	/	/	26.61	/	/	<=30	Pass
		Inner 1RB Right	25.26	/	/	26.76	/	/	<=30	Pass
	3750	Edge 1RB Left	21.79	/	/	23.29	/	/	<=30	Pass
		Edge 1RB Right	21.98	/	/	23.48	/	/	<=30	Pass
		Outer Full	24.94	/	/	26.44	/	/	<=30	Pass
		Inner Full	25.27	/	/	26.77	/	/	<=30	Pass
		Inner 1RB Left	25.12	/	/	26.62	/	/	<=30	Pass
		Inner 1RB Right	25.31	/	/	26.81	/	/	<=30	Pass
	3792.48	Edge 1RB Left	22.09	/	/	23.59	/	/	<=30	Pass
		Edge 1RB Right	21.97	/	/	23.47	/	/	<=30	Pass
		Outer Full	24.89	/	/	26.39	/	/	<=30	Pass
		Inner Full	25.33	/	/	26.83	/	/	<=30	Pass
		Inner 1RB Left	25.31	/	/	26.81	/	/	<=30	Pass
		Inner 1RB Right	25.22	/	/	26.72	/	/	<=30	Pass
DFT-s-OFDM QPSK	3707.52	Edge 1RB Left	22.31	/	/	23.81	/	/	<=30	Pass
		Edge 1RB Right	22.44	/	/	23.94	/	/	<=30	Pass
		Outer Full	24.90	/	/	26.40	/	/	<=30	Pass
		Inner Full	25.27	/	/	26.77	/	/	<=30	Pass
		Inner 1RB Left	25.17	/	/	26.67	/	/	<=30	Pass
		Inner 1RB Right	25.32	/	/	26.82	/	/	<=30	Pass
	3750	Edge 1RB Left	22.22	/	/	23.72	/	/	<=30	Pass
		Edge 1RB Right	22.44	/	/	23.94	/	/	<=30	Pass
		Outer Full	24.86	/	/	26.36	/	/	<=30	Pass
		Inner Full	25.27	/	/	26.77	/	/	<=30	Pass
		Inner 1RB Left	25.14	/	/	26.64	/	/	<=30	Pass
		Inner 1RB Right	25.30	/	/	26.80	/	/	<=30	Pass
	3792.48	Edge 1RB Left	22.48	/	/	23.98	/	/	<=30	Pass
		Edge 1RB Right	22.40	/	/	23.90	/	/	<=30	Pass
		Outer Full	24.95	/	/	26.45	/	/	<=30	Pass
		Inner Full	25.33	/	/	26.83	/	/	<=30	Pass
		Inner 1RB Left	25.31	/	/	26.81	/	/	<=30	Pass
		Inner 1RB Right	25.21	/	/	26.71	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3707.52	Edge 1RB Left	22.05	/	/	23.55	/	/	<=30	Pass
		Edge 1RB Right	22.24	/	/	23.74	/	/	<=30	Pass
		Outer Full	24.28	/	/	25.78	/	/	<=30	Pass
		Inner Full	24.74	/	/	26.24	/	/	<=30	Pass
		Inner 1RB Left	24.44	/	/	25.94	/	/	<=30	Pass
		Inner 1RB Right	24.67	/	/	26.17	/	/	<=30	Pass
	3750	Edge 1RB Left	21.97	/	/	23.47	/	/	<=30	Pass
		Edge 1RB Right	22.19	/	/	23.69	/	/	<=30	Pass
		Outer Full	24.32	/	/	25.82	/	/	<=30	Pass
		Inner Full	24.72	/	/	26.22	/	/	<=30	Pass
		Inner 1RB Left	24.49	/	/	25.99	/	/	<=30	Pass
		Inner 1RB Right	24.59	/	/	26.09	/	/	<=30	Pass
	3792.48	Edge 1RB Left	22.20	/	/	23.70	/	/	<=30	Pass
		Edge 1RB Right	22.21	/	/	23.71	/	/	<=30	Pass
		Outer Full	24.37	/	/	25.87	/	/	<=30	Pass
		Inner Full	24.77	/	/	26.27	/	/	<=30	Pass
		Inner 1RB Left	24.69	/	/	26.19	/	/	<=30	Pass
		Inner 1RB Right	24.51	/	/	26.01	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3707.52	Edge 1RB Left	22.61	/	/	24.11	/	/	<=30	Pass
		Edge 1RB Right	22.75	/	/	24.25	/	/	<=30	Pass

		Outer_Full	23.30	/	/	24.80	/	/	<=30	Pass
		Inner_Full	23.44	/	/	24.94	/	/	<=30	Pass
		Inner_1RB_Left	23.44	/	/	24.94	/	/	<=30	Pass
		Inner_1RB_Right	23.66	/	/	25.16	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.43	/	/	23.93	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	24.25	/	/	<=30	Pass
		Outer_Full	23.29	/	/	24.79	/	/	<=30	Pass
		Inner_Full	23.47	/	/	24.97	/	/	<=30	Pass
		Inner_1RB_Left	23.48	/	/	24.98	/	/	<=30	Pass
		Inner_1RB_Right	23.60	/	/	25.10	/	/	<=30	Pass
	3792.48	Edge_1RB_Left	22.67	/	/	24.17	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	24.06	/	/	<=30	Pass
		Outer_Full	23.38	/	/	24.88	/	/	<=30	Pass
		Inner_Full	23.39	/	/	24.89	/	/	<=30	Pass
		Inner_1RB_Left	23.63	/	/	25.13	/	/	<=30	Pass
		Inner_1RB_Right	23.52	/	/	25.02	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3707.52	Edge_1RB_Left	20.92	/	/	22.42	/	/	<=30	Pass
		Edge_1RB_Right	21.06	/	/	22.56	/	/	<=30	Pass
		Outer_Full	21.04	/	/	22.54	/	/	<=30	Pass
		Inner_Full	21.04	/	/	22.54	/	/	<=30	Pass
		Inner_1RB_Left	20.89	/	/	22.39	/	/	<=30	Pass
		Inner_1RB_Right	21.07	/	/	22.57	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.87	/	/	22.37	/	/	<=30	Pass
		Edge_1RB_Right	21.04	/	/	22.54	/	/	<=30	Pass
		Outer_Full	21.01	/	/	22.51	/	/	<=30	Pass
		Inner_Full	20.97	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Left	20.84	/	/	22.34	/	/	<=30	Pass
		Inner_1RB_Right	21.00	/	/	22.50	/	/	<=30	Pass
	3792.48	Edge_1RB_Left	21.06	/	/	22.56	/	/	<=30	Pass
		Edge_1RB_Right	21.01	/	/	22.51	/	/	<=30	Pass
		Outer_Full	21.06	/	/	22.56	/	/	<=30	Pass
		Inner_Full	21.08	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Left	21.05	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Right	20.98	/	/	22.48	/	/	<=30	Pass
CP-OFDM QPSK	3707.52	Edge_1RB_Left	22.22	/	/	23.72	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	23.86	/	/	<=30	Pass
		Outer_Full	22.85	/	/	24.35	/	/	<=30	Pass
		Inner_Full	24.27	/	/	25.77	/	/	<=30	Pass
		Inner_1RB_Left	24.15	/	/	25.65	/	/	<=30	Pass
		Inner_1RB_Right	24.34	/	/	25.84	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.38	/	/	23.88	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	23.96	/	/	<=30	Pass
		Outer_Full	22.82	/	/	24.32	/	/	<=30	Pass
		Inner_Full	24.26	/	/	25.76	/	/	<=30	Pass
		Inner_1RB_Left	24.12	/	/	25.62	/	/	<=30	Pass
		Inner_1RB_Right	24.33	/	/	25.83	/	/	<=30	Pass
	3792.48	Edge_1RB_Left	22.31	/	/	23.81	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	23.92	/	/	<=30	Pass
		Outer_Full	22.89	/	/	24.39	/	/	<=30	Pass
		Inner_Full	24.22	/	/	25.72	/	/	<=30	Pass
		Inner_1RB_Left	24.36	/	/	25.86	/	/	<=30	Pass
		Inner_1RB_Right	24.21	/	/	25.71	/	/	<=30	Pass
CP-OFDM 16 QAM	3707.52	Edge_1RB_Left	22.10	/	/	23.60	/	/	<=30	Pass
		Edge_1RB_Right	22.29	/	/	23.79	/	/	<=30	Pass
		Outer_Full	23.01	/	/	24.51	/	/	<=30	Pass
		Inner_Full	23.64	/	/	25.14	/	/	<=30	Pass
		Inner_1RB_Left	23.54	/	/	25.04	/	/	<=30	Pass
		Inner_1RB_Right	23.75	/	/	25.25	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.11	/	/	23.61	/	/	<=30	Pass

		Edge_1RB_Right	22.27	/	/	23.77	/	/	<=30	Pass
		Outer_Full	23.03	/	/	24.53	/	/	<=30	Pass
		Inner_Full	23.72	/	/	25.22	/	/	<=30	Pass
		Inner_1RB_Left	23.44	/	/	24.94	/	/	<=30	Pass
		Inner_1RB_Right	23.63	/	/	25.13	/	/	<=30	Pass
	3792.48	Edge_1RB_Left	22.32	/	/	23.82	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	23.71	/	/	<=30	Pass
		Outer_Full	23.03	/	/	24.53	/	/	<=30	Pass
		Inner_Full	23.84	/	/	25.34	/	/	<=30	Pass
		Inner_1RB_Left	23.74	/	/	25.24	/	/	<=30	Pass
CP-OFDM 64 QAM	3707.52	Inner_1RB_Right	23.53	/	/	25.03	/	/	<=30	Pass
		Edge_1RB_Left	22.43	/	/	23.93	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	24.06	/	/	<=30	Pass
		Outer_Full	22.35	/	/	23.85	/	/	<=30	Pass
		Inner_Full	22.26	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Left	22.45	/	/	23.95	/	/	<=30	Pass
	3750	Inner_1RB_Right	22.54	/	/	24.04	/	/	<=30	Pass
		Edge_1RB_Left	22.43	/	/	23.93	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	24.09	/	/	<=30	Pass
		Outer_Full	22.31	/	/	23.81	/	/	<=30	Pass
		Inner_Full	22.25	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Left	22.39	/	/	23.89	/	/	<=30	Pass
	3792.48	Inner_1RB_Right	22.57	/	/	24.07	/	/	<=30	Pass
		Edge_1RB_Left	22.59	/	/	24.09	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	23.95	/	/	<=30	Pass
		Outer_Full	22.41	/	/	23.91	/	/	<=30	Pass
		Inner_Full	22.43	/	/	23.93	/	/	<=30	Pass
		Inner_1RB_Left	22.62	/	/	24.12	/	/	<=30	Pass
CP-OFDM 256 QAM	3707.52	Inner_1RB_Right	22.53	/	/	24.03	/	/	<=30	Pass
		Edge_1RB_Left	19.03	/	/	20.53	/	/	<=30	Pass
		Edge_1RB_Right	19.18	/	/	20.68	/	/	<=30	Pass
		Outer_Full	19.18	/	/	20.68	/	/	<=30	Pass
		Inner_Full	19.13	/	/	20.63	/	/	<=30	Pass
		Inner_1RB_Left	19.06	/	/	20.56	/	/	<=30	Pass
	3750	Inner_1RB_Right	19.21	/	/	20.71	/	/	<=30	Pass
		Edge_1RB_Left	18.97	/	/	20.47	/	/	<=30	Pass
		Edge_1RB_Right	19.15	/	/	20.65	/	/	<=30	Pass
		Outer_Full	19.12	/	/	20.62	/	/	<=30	Pass
		Inner_Full	19.07	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Left	18.97	/	/	20.47	/	/	<=30	Pass
	3792.48	Inner_1RB_Right	19.17	/	/	20.67	/	/	<=30	Pass
		Edge_1RB_Left	19.20	/	/	20.70	/	/	<=30	Pass
		Edge_1RB_Right	19.08	/	/	20.58	/	/	<=30	Pass
		Outer_Full	19.22	/	/	20.72	/	/	<=30	Pass
		Inner_Full	19.16	/	/	20.66	/	/	<=30	Pass
		Inner_1RB_Left	19.20	/	/	20.70	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 1.50dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30k_SISO_20MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3710.01	Edge_1RB_Left	21.73	/	/	23.23	/	/	<=30	Pass
		Edge_1RB_Right	22.01	/	/	23.51	/	/	<=30	Pass
		Outer_Full	24.94	/	/	26.44	/	/	<=30	Pass

		Inner_Full	25.47	/	/	26.97	/	/	<=30	Pass
		Inner_1RB_Left	25.13	/	/	26.63	/	/	<=30	Pass
		Inner_1RB_Right	25.37	/	/	26.87	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.77	/	/	23.27	/	/	<=30	Pass
		Edge_1RB_Right	21.97	/	/	23.47	/	/	<=30	Pass
		Outer_Full	24.84	/	/	26.34	/	/	<=30	Pass
		Inner_Full	25.32	/	/	26.82	/	/	<=30	Pass
		Inner_1RB_Left	25.06	/	/	26.56	/	/	<=30	Pass
		Inner_1RB_Right	25.30	/	/	26.80	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	22.09	/	/	23.59	/	/	<=30	Pass
		Edge_1RB_Right	21.94	/	/	23.44	/	/	<=30	Pass
		Outer_Full	24.92	/	/	26.42	/	/	<=30	Pass
		Inner_Full	25.41	/	/	26.91	/	/	<=30	Pass
		Inner_1RB_Left	25.38	/	/	26.88	/	/	<=30	Pass
		Inner_1RB_Right	25.20	/	/	26.70	/	/	<=30	Pass
DFT-s-OFDM QPSK	3710.01	Edge_1RB_Left	22.29	/	/	23.79	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	23.96	/	/	<=30	Pass
		Outer_Full	24.92	/	/	26.42	/	/	<=30	Pass
		Inner_Full	25.45	/	/	26.95	/	/	<=30	Pass
		Inner_1RB_Left	25.11	/	/	26.61	/	/	<=30	Pass
		Inner_1RB_Right	25.32	/	/	26.82	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.25	/	/	23.75	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	24.01	/	/	<=30	Pass
		Outer_Full	24.83	/	/	26.33	/	/	<=30	Pass
		Inner_Full	25.35	/	/	26.85	/	/	<=30	Pass
		Inner_1RB_Left	25.13	/	/	26.63	/	/	<=30	Pass
		Inner_1RB_Right	25.39	/	/	26.89	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	22.53	/	/	24.03	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	23.87	/	/	<=30	Pass
		Outer_Full	24.86	/	/	26.36	/	/	<=30	Pass
		Inner_Full	25.34	/	/	26.84	/	/	<=30	Pass
		Inner_1RB_Left	25.31	/	/	26.81	/	/	<=30	Pass
		Inner_1RB_Right	25.22	/	/	26.72	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Edge_1RB_Left	22.13	/	/	23.63	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	23.73	/	/	<=30	Pass
		Outer_Full	24.38	/	/	25.88	/	/	<=30	Pass
		Inner_Full	24.87	/	/	26.37	/	/	<=30	Pass
		Inner_1RB_Left	24.51	/	/	26.01	/	/	<=30	Pass
		Inner_1RB_Right	24.65	/	/	26.15	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.03	/	/	23.53	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	23.90	/	/	<=30	Pass
		Outer_Full	24.29	/	/	25.79	/	/	<=30	Pass
		Inner_Full	24.79	/	/	26.29	/	/	<=30	Pass
		Inner_1RB_Left	24.41	/	/	25.91	/	/	<=30	Pass
		Inner_1RB_Right	24.64	/	/	26.14	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	22.39	/	/	23.89	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	23.75	/	/	<=30	Pass
		Outer_Full	24.35	/	/	25.85	/	/	<=30	Pass
		Inner_Full	24.81	/	/	26.31	/	/	<=30	Pass
		Inner_1RB_Left	24.74	/	/	26.24	/	/	<=30	Pass
		Inner_1RB_Right	24.63	/	/	26.13	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3710.01	Edge_1RB_Left	22.61	/	/	24.11	/	/	<=30	Pass
		Edge_1RB_Right	22.80	/	/	24.30	/	/	<=30	Pass
		Outer_Full	23.33	/	/	24.83	/	/	<=30	Pass
		Inner_Full	23.45	/	/	24.95	/	/	<=30	Pass
		Inner_1RB_Left	23.53	/	/	25.03	/	/	<=30	Pass
		Inner_1RB_Right	23.73	/	/	25.23	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.57	/	/	24.07	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	24.27	/	/	<=30	Pass

		Outer_Full	23.28	/	/	24.78	/	/	<=30	Pass
		Inner_Full	23.36	/	/	24.86	/	/	<=30	Pass
		Inner_1RB_Left	23.57	/	/	25.07	/	/	<=30	Pass
		Inner_1RB_Right	23.77	/	/	25.27	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	22.83	/	/	24.33	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	24.20	/	/	<=30	Pass
		Outer_Full	23.38	/	/	24.88	/	/	<=30	Pass
		Inner_Full	23.42	/	/	24.92	/	/	<=30	Pass
		Inner_1RB_Left	23.72	/	/	25.22	/	/	<=30	Pass
		Inner_1RB_Right	23.71	/	/	25.21	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3710.01	Edge_1RB_Left	20.97	/	/	22.47	/	/	<=30	Pass
		Edge_1RB_Right	21.08	/	/	22.58	/	/	<=30	Pass
		Outer_Full	21.12	/	/	22.62	/	/	<=30	Pass
		Inner_Full	21.06	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Left	20.91	/	/	22.41	/	/	<=30	Pass
		Inner_1RB_Right	21.15	/	/	22.65	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.81	/	/	22.31	/	/	<=30	Pass
		Edge_1RB_Right	21.09	/	/	22.59	/	/	<=30	Pass
		Outer_Full	20.97	/	/	22.47	/	/	<=30	Pass
		Inner_Full	20.94	/	/	22.44	/	/	<=30	Pass
		Inner_1RB_Left	20.82	/	/	22.32	/	/	<=30	Pass
		Inner_1RB_Right	21.10	/	/	22.60	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	21.14	/	/	22.64	/	/	<=30	Pass
		Edge_1RB_Right	20.95	/	/	22.45	/	/	<=30	Pass
		Outer_Full	21.04	/	/	22.54	/	/	<=30	Pass
		Inner_Full	21.05	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Left	21.10	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Right	20.95	/	/	22.45	/	/	<=30	Pass
CP-OFDM QPSK	3710.01	Edge_1RB_Left	22.27	/	/	23.77	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	23.91	/	/	<=30	Pass
		Outer_Full	22.92	/	/	24.42	/	/	<=30	Pass
		Inner_Full	24.38	/	/	25.88	/	/	<=30	Pass
		Inner_1RB_Left	24.25	/	/	25.75	/	/	<=30	Pass
		Inner_1RB_Right	24.38	/	/	25.88	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.41	/	/	23.91	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	24.26	/	/	<=30	Pass
		Outer_Full	22.97	/	/	24.47	/	/	<=30	Pass
		Inner_Full	24.19	/	/	25.69	/	/	<=30	Pass
		Inner_1RB_Left	24.28	/	/	25.78	/	/	<=30	Pass
		Inner_1RB_Right	24.43	/	/	25.93	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	22.81	/	/	24.31	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	24.08	/	/	<=30	Pass
		Outer_Full	22.94	/	/	24.44	/	/	<=30	Pass
		Inner_Full	24.31	/	/	25.81	/	/	<=30	Pass
		Inner_1RB_Left	24.57	/	/	26.07	/	/	<=30	Pass
		Inner_1RB_Right	24.21	/	/	25.71	/	/	<=30	Pass
CP-OFDM 16 QAM	3710.01	Edge_1RB_Left	22.06	/	/	23.56	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	23.92	/	/	<=30	Pass
		Outer_Full	23.01	/	/	24.51	/	/	<=30	Pass
		Inner_Full	23.92	/	/	25.42	/	/	<=30	Pass
		Inner_1RB_Left	23.66	/	/	25.16	/	/	<=30	Pass
		Inner_1RB_Right	23.66	/	/	25.16	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.95	/	/	23.45	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	23.90	/	/	<=30	Pass
		Outer_Full	23.01	/	/	24.51	/	/	<=30	Pass
		Inner_Full	23.74	/	/	25.24	/	/	<=30	Pass
		Inner_1RB_Left	23.53	/	/	25.03	/	/	<=30	Pass
		Inner_1RB_Right	23.67	/	/	25.17	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	22.28	/	/	23.78	/	/	<=30	Pass

		Edge 1RB Right	22.30	/	/	23.80	/	/	<=30	Pass
		Outer Full	22.99	/	/	24.49	/	/	<=30	Pass
		Inner Full	23.93	/	/	25.43	/	/	<=30	Pass
		Inner 1RB Left	23.70	/	/	25.20	/	/	<=30	Pass
		Inner 1RB Right	23.60	/	/	25.10	/	/	<=30	Pass
CP-OFDM 64 QAM	3710.01	Edge 1RB Left	22.44	/	/	23.94	/	/	<=30	Pass
		Edge 1RB Right	22.66	/	/	24.16	/	/	<=30	Pass
		Outer Full	22.32	/	/	23.82	/	/	<=30	Pass
		Inner Full	22.50	/	/	24.00	/	/	<=30	Pass
		Inner 1RB Left	22.44	/	/	23.94	/	/	<=30	Pass
		Inner 1RB Right	22.72	/	/	24.22	/	/	<=30	Pass
		Edge 1RB Left	22.37	/	/	23.87	/	/	<=30	Pass
		Edge 1RB Right	22.70	/	/	24.20	/	/	<=30	Pass
	3750	Outer Full	22.32	/	/	23.82	/	/	<=30	Pass
		Inner Full	22.47	/	/	23.97	/	/	<=30	Pass
		Inner 1RB Left	22.38	/	/	23.88	/	/	<=30	Pass
		Inner 1RB Right	22.60	/	/	24.10	/	/	<=30	Pass
		Edge 1RB Left	22.65	/	/	24.15	/	/	<=30	Pass
		Edge 1RB Right	22.57	/	/	24.07	/	/	<=30	Pass
	3789.99	Outer Full	22.46	/	/	23.96	/	/	<=30	Pass
		Inner Full	22.57	/	/	24.07	/	/	<=30	Pass
		Inner 1RB Left	22.68	/	/	24.18	/	/	<=30	Pass
		Inner 1RB Right	22.51	/	/	24.01	/	/	<=30	Pass
		Edge 1RB Left	19.04	/	/	20.54	/	/	<=30	Pass
		Edge 1RB Right	19.24	/	/	20.74	/	/	<=30	Pass
CP-OFDM 256 QAM	3710.01	Outer Full	19.25	/	/	20.75	/	/	<=30	Pass
		Inner Full	19.18	/	/	20.68	/	/	<=30	Pass
		Inner 1RB Left	19.06	/	/	20.56	/	/	<=30	Pass
		Inner 1RB Right	19.20	/	/	20.70	/	/	<=30	Pass
		Edge 1RB Left	18.96	/	/	20.46	/	/	<=30	Pass
		Edge 1RB Right	19.24	/	/	20.74	/	/	<=30	Pass
	3750	Outer Full	19.09	/	/	20.59	/	/	<=30	Pass
		Inner Full	19.06	/	/	20.56	/	/	<=30	Pass
		Inner 1RB Left	18.96	/	/	20.46	/	/	<=30	Pass
		Inner 1RB Right	19.23	/	/	20.73	/	/	<=30	Pass
		Edge 1RB Left	19.22	/	/	20.72	/	/	<=30	Pass
		Edge 1RB Right	19.10	/	/	20.60	/	/	<=30	Pass
	3789.99	Outer Full	19.12	/	/	20.62	/	/	<=30	Pass
		Inner Full	19.11	/	/	20.61	/	/	<=30	Pass
Inner 1RB Left		19.23	/	/	20.73	/	/	<=30	Pass	
Inner 1RB Right		19.14	/	/	20.64	/	/	<=30	Pass	
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30k_SISO_25MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 25MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3712.5	Edge 1RB Left	21.84	/	/	23.34	/	/	<=30	Pass
		Edge 1RB Right	22.03	/	/	23.53	/	/	<=30	Pass
		Outer Full	24.95	/	/	26.45	/	/	<=30	Pass
		Inner Full	25.40	/	/	26.90	/	/	<=30	Pass
		Inner 1RB Left	25.15	/	/	26.65	/	/	<=30	Pass
		Inner 1RB Right	25.24	/	/	26.74	/	/	<=30	Pass
	3750	Edge 1RB Left	21.81	/	/	23.31	/	/	<=30	Pass
		Edge 1RB Right	22.00	/	/	23.50	/	/	<=30	Pass
		Outer Full	24.91	/	/	26.41	/	/	<=30	Pass

		Inner_Full	25.34	/	/	26.84	/	/	<=30	Pass
		Inner_1RB_Left	25.06	/	/	26.56	/	/	<=30	Pass
		Inner_1RB_Right	25.34	/	/	26.84	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	21.97	/	/	23.47	/	/	<=30	Pass
		Edge_1RB_Right	21.77	/	/	23.27	/	/	<=30	Pass
		Outer_Full	24.86	/	/	26.36	/	/	<=30	Pass
		Inner_Full	25.29	/	/	26.79	/	/	<=30	Pass
		Inner_1RB_Left	25.27	/	/	26.77	/	/	<=30	Pass
		Inner_1RB_Right	25.11	/	/	26.61	/	/	<=30	Pass
DFT-s-OFDM QPSK	3712.5	Edge_1RB_Left	22.31	/	/	23.81	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	23.91	/	/	<=30	Pass
		Outer_Full	25.00	/	/	26.50	/	/	<=30	Pass
		Inner_Full	25.38	/	/	26.88	/	/	<=30	Pass
		Inner_1RB_Left	25.12	/	/	26.62	/	/	<=30	Pass
		Inner_1RB_Right	25.27	/	/	26.77	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.19	/	/	23.69	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	24.06	/	/	<=30	Pass
		Outer_Full	24.87	/	/	26.37	/	/	<=30	Pass
		Inner_Full	25.26	/	/	26.76	/	/	<=30	Pass
		Inner_1RB_Left	25.02	/	/	26.52	/	/	<=30	Pass
		Inner_1RB_Right	25.42	/	/	26.92	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	22.53	/	/	24.03	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	23.83	/	/	<=30	Pass
		Outer_Full	24.81	/	/	26.31	/	/	<=30	Pass
		Inner_Full	25.26	/	/	26.76	/	/	<=30	Pass
		Inner_1RB_Left	25.30	/	/	26.80	/	/	<=30	Pass
		Inner_1RB_Right	25.11	/	/	26.61	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3712.5	Edge_1RB_Left	22.09	/	/	23.59	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	23.82	/	/	<=30	Pass
		Outer_Full	24.37	/	/	25.87	/	/	<=30	Pass
		Inner_Full	24.86	/	/	26.36	/	/	<=30	Pass
		Inner_1RB_Left	24.56	/	/	26.06	/	/	<=30	Pass
		Inner_1RB_Right	24.67	/	/	26.17	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.97	/	/	23.47	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	23.87	/	/	<=30	Pass
		Outer_Full	24.27	/	/	25.77	/	/	<=30	Pass
		Inner_Full	24.76	/	/	26.26	/	/	<=30	Pass
		Inner_1RB_Left	24.38	/	/	25.88	/	/	<=30	Pass
		Inner_1RB_Right	24.63	/	/	26.13	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	22.23	/	/	23.73	/	/	<=30	Pass
		Edge_1RB_Right	22.12	/	/	23.62	/	/	<=30	Pass
		Outer_Full	24.26	/	/	25.76	/	/	<=30	Pass
		Inner_Full	24.67	/	/	26.17	/	/	<=30	Pass
		Inner_1RB_Left	24.66	/	/	26.16	/	/	<=30	Pass
		Inner_1RB_Right	24.41	/	/	25.91	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3712.5	Edge_1RB_Left	22.48	/	/	23.98	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	24.11	/	/	<=30	Pass
		Outer_Full	23.39	/	/	24.89	/	/	<=30	Pass
		Inner_Full	23.48	/	/	24.98	/	/	<=30	Pass
		Inner_1RB_Left	23.42	/	/	24.92	/	/	<=30	Pass
		Inner_1RB_Right	23.48	/	/	24.98	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.40	/	/	23.90	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	24.33	/	/	<=30	Pass
		Outer_Full	23.32	/	/	24.82	/	/	<=30	Pass
		Inner_Full	23.25	/	/	24.75	/	/	<=30	Pass
		Inner_1RB_Left	23.44	/	/	24.94	/	/	<=30	Pass
		Inner_1RB_Right	23.75	/	/	25.25	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	22.60	/	/	24.10	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	23.97	/	/	<=30	Pass

		Outer_Full	23.33	/	/	24.83	/	/	<=30	Pass
		Inner_Full	23.26	/	/	24.76	/	/	<=30	Pass
		Inner_1RB_Left	23.71	/	/	25.21	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	24.95	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3712.5	Edge_1RB_Left	21.01	/	/	22.51	/	/	<=30	Pass
		Edge_1RB_Right	21.04	/	/	22.54	/	/	<=30	Pass
		Outer_Full	21.18	/	/	22.68	/	/	<=30	Pass
		Inner_Full	21.12	/	/	22.62	/	/	<=30	Pass
		Inner_1RB_Left	20.97	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Right	21.03	/	/	22.53	/	/	<=30	Pass
		Edge_1RB_Left	20.83	/	/	22.33	/	/	<=30	Pass
		Edge_1RB_Right	21.19	/	/	22.69	/	/	<=30	Pass
	3750	Outer_Full	21.05	/	/	22.55	/	/	<=30	Pass
		Inner_Full	20.95	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Left	20.83	/	/	22.33	/	/	<=30	Pass
		Inner_1RB_Right	21.14	/	/	22.64	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	21.15	/	/	22.65	/	/	<=30	Pass
		Edge_1RB_Right	20.91	/	/	22.41	/	/	<=30	Pass
		Outer_Full	21.04	/	/	22.54	/	/	<=30	Pass
		Inner_Full	20.97	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Left	21.12	/	/	22.62	/	/	<=30	Pass
		Inner_1RB_Right	20.89	/	/	22.39	/	/	<=30	Pass
CP-OFDM QPSK	3712.5	Edge_1RB_Left	22.29	/	/	23.79	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	23.76	/	/	<=30	Pass
		Outer_Full	22.83	/	/	24.33	/	/	<=30	Pass
		Inner_Full	24.37	/	/	25.87	/	/	<=30	Pass
		Inner_1RB_Left	24.01	/	/	25.51	/	/	<=30	Pass
		Inner_1RB_Right	24.28	/	/	25.78	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.23	/	/	23.73	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	23.97	/	/	<=30	Pass
		Outer_Full	22.77	/	/	24.27	/	/	<=30	Pass
		Inner_Full	24.21	/	/	25.71	/	/	<=30	Pass
		Inner_1RB_Left	23.96	/	/	25.46	/	/	<=30	Pass
		Inner_1RB_Right	24.45	/	/	25.95	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	22.49	/	/	23.99	/	/	<=30	Pass
		Edge_1RB_Right	22.13	/	/	23.63	/	/	<=30	Pass
		Outer_Full	22.78	/	/	24.28	/	/	<=30	Pass
		Inner_Full	24.20	/	/	25.70	/	/	<=30	Pass
		Inner_1RB_Left	24.35	/	/	25.85	/	/	<=30	Pass
		Inner_1RB_Right	24.07	/	/	25.57	/	/	<=30	Pass
CP-OFDM 16 QAM	3712.5	Edge_1RB_Left	21.98	/	/	23.48	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	23.93	/	/	<=30	Pass
		Outer_Full	23.05	/	/	24.55	/	/	<=30	Pass
		Inner_Full	23.89	/	/	25.39	/	/	<=30	Pass
		Inner_1RB_Left	23.45	/	/	24.95	/	/	<=30	Pass
		Inner_1RB_Right	23.51	/	/	25.01	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.13	/	/	23.63	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	23.92	/	/	<=30	Pass
		Outer_Full	23.00	/	/	24.50	/	/	<=30	Pass
		Inner_Full	23.71	/	/	25.21	/	/	<=30	Pass
		Inner_1RB_Left	23.38	/	/	24.88	/	/	<=30	Pass
		Inner_1RB_Right	23.64	/	/	25.14	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	22.15	/	/	23.65	/	/	<=30	Pass
		Edge_1RB_Right	22.02	/	/	23.52	/	/	<=30	Pass
		Outer_Full	22.92	/	/	24.42	/	/	<=30	Pass
		Inner_Full	23.67	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Left	23.73	/	/	25.23	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	24.99	/	/	<=30	Pass
CP-OFDM 64 QAM	3712.5	Edge_1RB_Left	22.34	/	/	23.84	/	/	<=30	Pass

		Edge 1RB Right	22.47	/	/	23.97	/	/	<=30	Pass
		Outer Full	22.34	/	/	23.84	/	/	<=30	Pass
		Inner Full	22.42	/	/	23.92	/	/	<=30	Pass
		Inner 1RB Left	22.42	/	/	23.92	/	/	<=30	Pass
		Inner 1RB Right	22.47	/	/	23.97	/	/	<=30	Pass
	3750	Edge 1RB Left	22.33	/	/	23.83	/	/	<=30	Pass
		Edge 1RB Right	22.75	/	/	24.25	/	/	<=30	Pass
		Outer Full	22.22	/	/	23.72	/	/	<=30	Pass
		Inner Full	22.30	/	/	23.80	/	/	<=30	Pass
		Inner 1RB Left	22.35	/	/	23.85	/	/	<=30	Pass
	3787.5	Inner 1RB Right	22.58	/	/	24.08	/	/	<=30	Pass
		Edge 1RB Left	22.52	/	/	24.02	/	/	<=30	Pass
		Edge 1RB Right	22.51	/	/	24.01	/	/	<=30	Pass
		Outer Full	22.24	/	/	23.74	/	/	<=30	Pass
		Inner Full	22.24	/	/	23.74	/	/	<=30	Pass
CP-OFDM 256 QAM		Inner 1RB Left	22.60	/	/	24.10	/	/	<=30	Pass
		Inner 1RB Right	22.34	/	/	23.84	/	/	<=30	Pass
		Edge 1RB Left	19.12	/	/	20.62	/	/	<=30	Pass
		Edge 1RB Right	19.21	/	/	20.71	/	/	<=30	Pass
		Outer Full	19.28	/	/	20.78	/	/	<=30	Pass
	3712.5	Inner Full	19.15	/	/	20.65	/	/	<=30	Pass
		Inner 1RB Left	19.04	/	/	20.54	/	/	<=30	Pass
		Inner 1RB Right	19.15	/	/	20.65	/	/	<=30	Pass
		Edge 1RB Left	18.98	/	/	20.48	/	/	<=30	Pass
		Edge 1RB Right	19.33	/	/	20.83	/	/	<=30	Pass
	3750	Outer Full	19.08	/	/	20.58	/	/	<=30	Pass
		Inner Full	19.02	/	/	20.52	/	/	<=30	Pass
		Inner 1RB Left	18.90	/	/	20.40	/	/	<=30	Pass
		Inner 1RB Right	19.29	/	/	20.79	/	/	<=30	Pass
		Edge 1RB Left	19.25	/	/	20.75	/	/	<=30	Pass
	3787.5	Edge 1RB Right	19.03	/	/	20.53	/	/	<=30	Pass
		Outer Full	19.11	/	/	20.61	/	/	<=30	Pass
		Inner Full	19.02	/	/	20.52	/	/	<=30	Pass
		Inner 1RB Left	19.21	/	/	20.71	/	/	<=30	Pass
		Inner 1RB Right	18.99	/	/	20.49	/	/	<=30	Pass
	Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain									

1.1.5 30k_SISO_30MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 30MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3715.02	Edge 1RB Left	21.71	/	/	23.21	/	/	<=30	Pass
		Edge 1RB Right	21.76	/	/	23.26	/	/	<=30	Pass
		Outer_Full	24.78	/	/	26.28	/	/	<=30	Pass
		Inner_Full	25.29	/	/	26.79	/	/	<=30	Pass
		Inner 1RB Left	25.07	/	/	26.57	/	/	<=30	Pass
		Inner 1RB Right	25.05	/	/	26.55	/	/	<=30	Pass
	3750	Edge 1RB Left	21.68	/	/	23.18	/	/	<=30	Pass
		Edge 1RB Right	22.07	/	/	23.57	/	/	<=30	Pass
		Outer_Full	24.80	/	/	26.30	/	/	<=30	Pass
		Inner_Full	25.20	/	/	26.70	/	/	<=30	Pass
		Inner 1RB Left	25.03	/	/	26.53	/	/	<=30	Pass
		Inner 1RB Right	25.38	/	/	26.88	/	/	<=30	Pass
	3784.98	Edge 1RB Left	22.13	/	/	23.63	/	/	<=30	Pass
		Edge 1RB Right	21.93	/	/	23.43	/	/	<=30	Pass
		Outer_Full	24.99	/	/	26.49	/	/	<=30	Pass

		Inner_Full	25.47	/	/	26.97	/	/	<=30	Pass
		Inner_1RB_Left	25.46	/	/	26.96	/	/	<=30	Pass
		Inner_1RB_Right	25.24	/	/	26.74	/	/	<=30	Pass
DFT-s-OFDM QPSK	3715.02	Edge_1RB_Left	22.13	/	/	23.63	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	23.71	/	/	<=30	Pass
		Outer_Full	24.80	/	/	26.30	/	/	<=30	Pass
		Inner_Full	25.25	/	/	26.75	/	/	<=30	Pass
		Inner_1RB_Left	24.96	/	/	26.46	/	/	<=30	Pass
		Inner_1RB_Right	25.09	/	/	26.59	/	/	<=30	Pass
		Edge_1RB_Left	22.15	/	/	23.65	/	/	<=30	Pass
	3750	Edge_1RB_Right	22.49	/	/	23.99	/	/	<=30	Pass
		Outer_Full	24.81	/	/	26.31	/	/	<=30	Pass
		Inner_Full	25.20	/	/	26.70	/	/	<=30	Pass
		Inner_1RB_Left	24.99	/	/	26.49	/	/	<=30	Pass
		Inner_1RB_Right	25.35	/	/	26.85	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	22.57	/	/	24.07	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	23.84	/	/	<=30	Pass
		Outer_Full	24.97	/	/	26.47	/	/	<=30	Pass
		Inner_Full	25.44	/	/	26.94	/	/	<=30	Pass
		Inner_1RB_Left	25.36	/	/	26.86	/	/	<=30	Pass
		Inner_1RB_Right	25.27	/	/	26.77	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.02	Edge_1RB_Left	21.95	/	/	23.45	/	/	<=30	Pass
		Edge_1RB_Right	22.07	/	/	23.57	/	/	<=30	Pass
		Outer_Full	24.24	/	/	25.74	/	/	<=30	Pass
		Inner_Full	24.76	/	/	26.26	/	/	<=30	Pass
		Inner_1RB_Left	24.36	/	/	25.86	/	/	<=30	Pass
		Inner_1RB_Right	24.34	/	/	25.84	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.87	/	/	23.37	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	23.67	/	/	<=30	Pass
		Outer_Full	24.23	/	/	25.73	/	/	<=30	Pass
		Inner_Full	24.74	/	/	26.24	/	/	<=30	Pass
		Inner_1RB_Left	24.31	/	/	25.81	/	/	<=30	Pass
	3784.98	Inner_1RB_Right	24.65	/	/	26.15	/	/	<=30	Pass
		Edge_1RB_Left	22.42	/	/	23.92	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	23.74	/	/	<=30	Pass
		Outer_Full	24.40	/	/	25.90	/	/	<=30	Pass
		Inner_Full	24.91	/	/	26.41	/	/	<=30	Pass
		Inner_1RB_Left	24.70	/	/	26.20	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3715.02	Inner_1RB_Right	24.57	/	/	26.07	/	/	<=30	Pass
		Edge_1RB_Left	22.42	/	/	23.92	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	23.91	/	/	<=30	Pass
		Outer_Full	23.26	/	/	24.76	/	/	<=30	Pass
		Inner_Full	23.44	/	/	24.94	/	/	<=30	Pass
		Inner_1RB_Left	23.30	/	/	24.80	/	/	<=30	Pass
	3750	Inner_1RB_Right	23.40	/	/	24.90	/	/	<=30	Pass
		Edge_1RB_Left	22.36	/	/	23.86	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	24.19	/	/	<=30	Pass
		Outer_Full	23.32	/	/	24.82	/	/	<=30	Pass
		Inner_Full	23.36	/	/	24.86	/	/	<=30	Pass
		Inner_1RB_Left	23.32	/	/	24.82	/	/	<=30	Pass
	3784.98	Inner_1RB_Right	23.59	/	/	25.09	/	/	<=30	Pass
		Edge_1RB_Left	22.81	/	/	24.31	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	24.03	/	/	<=30	Pass
		Outer_Full	23.48	/	/	24.98	/	/	<=30	Pass
		Inner_Full	23.46	/	/	24.96	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	25.27	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3715.02	Inner_1RB_Right	23.64	/	/	25.14	/	/	<=30	Pass
		Edge_1RB_Left	20.90	/	/	22.40	/	/	<=30	Pass
		Edge_1RB_Right	20.93	/	/	22.43	/	/	<=30	Pass

		Outer_Full	21.07	/	/	22.57	/	/	<=30	Pass
		Inner_Full	20.98	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Left	20.86	/	/	22.36	/	/	<=30	Pass
		Inner_1RB_Right	20.88	/	/	22.38	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.86	/	/	22.36	/	/	<=30	Pass
		Edge_1RB_Right	21.15	/	/	22.65	/	/	<=30	Pass
		Outer_Full	21.05	/	/	22.55	/	/	<=30	Pass
		Inner_Full	20.91	/	/	22.41	/	/	<=30	Pass
		Inner_1RB_Left	20.79	/	/	22.29	/	/	<=30	Pass
		Inner_1RB_Right	21.14	/	/	22.64	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	21.23	/	/	22.73	/	/	<=30	Pass
		Edge_1RB_Right	21.03	/	/	22.53	/	/	<=30	Pass
		Outer_Full	21.20	/	/	22.70	/	/	<=30	Pass
		Inner_Full	21.15	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Left	21.19	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Right	20.99	/	/	22.49	/	/	<=30	Pass
CP-OFDM QPSK	3715.02	Edge_1RB_Left	22.04	/	/	23.54	/	/	<=30	Pass
		Edge_1RB_Right	22.11	/	/	23.61	/	/	<=30	Pass
		Outer_Full	22.86	/	/	24.36	/	/	<=30	Pass
		Inner_Full	24.22	/	/	25.72	/	/	<=30	Pass
		Inner_1RB_Left	24.01	/	/	25.51	/	/	<=30	Pass
		Inner_1RB_Right	24.12	/	/	25.62	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.26	/	/	23.76	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	23.98	/	/	<=30	Pass
		Outer_Full	22.82	/	/	24.32	/	/	<=30	Pass
		Inner_Full	24.17	/	/	25.67	/	/	<=30	Pass
		Inner_1RB_Left	24.13	/	/	25.63	/	/	<=30	Pass
		Inner_1RB_Right	24.30	/	/	25.80	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	22.46	/	/	23.96	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	23.88	/	/	<=30	Pass
		Outer_Full	22.97	/	/	24.47	/	/	<=30	Pass
		Inner_Full	24.37	/	/	25.87	/	/	<=30	Pass
		Inner_1RB_Left	24.59	/	/	26.09	/	/	<=30	Pass
		Inner_1RB_Right	24.27	/	/	25.77	/	/	<=30	Pass
CP-OFDM 16 QAM	3715.02	Edge_1RB_Left	21.95	/	/	23.45	/	/	<=30	Pass
		Edge_1RB_Right	22.00	/	/	23.50	/	/	<=30	Pass
		Outer_Full	22.91	/	/	24.41	/	/	<=30	Pass
		Inner_Full	23.77	/	/	25.27	/	/	<=30	Pass
		Inner_1RB_Left	23.41	/	/	24.91	/	/	<=30	Pass
		Inner_1RB_Right	23.35	/	/	24.85	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.95	/	/	23.45	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	23.93	/	/	<=30	Pass
		Outer_Full	22.98	/	/	24.48	/	/	<=30	Pass
		Inner_Full	23.70	/	/	25.20	/	/	<=30	Pass
		Inner_1RB_Left	23.41	/	/	24.91	/	/	<=30	Pass
		Inner_1RB_Right	23.72	/	/	25.22	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	22.39	/	/	23.89	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	23.73	/	/	<=30	Pass
		Outer_Full	23.13	/	/	24.63	/	/	<=30	Pass
		Inner_Full	23.92	/	/	25.42	/	/	<=30	Pass
		Inner_1RB_Left	23.85	/	/	25.35	/	/	<=30	Pass
		Inner_1RB_Right	23.57	/	/	25.07	/	/	<=30	Pass
CP-OFDM 64 QAM	3715.02	Edge_1RB_Left	22.27	/	/	23.77	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	23.88	/	/	<=30	Pass
		Outer_Full	22.31	/	/	23.81	/	/	<=30	Pass
		Inner_Full	22.27	/	/	23.77	/	/	<=30	Pass
		Inner_1RB_Left	22.29	/	/	23.79	/	/	<=30	Pass
		Inner_1RB_Right	22.31	/	/	23.81	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.27	/	/	23.77	/	/	<=30	Pass

CP-OFDM 256 QAM		Edge 1RB Right	22.69	/	/	24.19	/	/	<=30	Pass
		Outer_Full	22.28	/	/	23.78	/	/	<=30	Pass
		Inner_Full	22.30	/	/	23.80	/	/	<=30	Pass
		Inner_1RB Left	22.32	/	/	23.82	/	/	<=30	Pass
		Inner_1RB Right	22.66	/	/	24.16	/	/	<=30	Pass
	3784.98	Edge 1RB Left	22.72	/	/	24.22	/	/	<=30	Pass
		Edge 1RB Right	22.55	/	/	24.05	/	/	<=30	Pass
		Outer_Full	22.46	/	/	23.96	/	/	<=30	Pass
		Inner_Full	22.45	/	/	23.95	/	/	<=30	Pass
		Inner_1RB Left	22.69	/	/	24.19	/	/	<=30	Pass
		Inner_1RB Right	22.47	/	/	23.97	/	/	<=30	Pass
		Edge 1RB Left	18.98	/	/	20.48	/	/	<=30	Pass
		Edge 1RB Right	19.01	/	/	20.51	/	/	<=30	Pass
		Outer_Full	19.06	/	/	20.56	/	/	<=30	Pass
		Inner_Full	19.11	/	/	20.61	/	/	<=30	Pass
		Inner_1RB Left	19.00	/	/	20.50	/	/	<=30	Pass
		Inner_1RB Right	18.98	/	/	20.48	/	/	<=30	Pass
3750		Edge 1RB Left	18.94	/	/	20.44	/	/	<=30	Pass
		Edge 1RB Right	19.32	/	/	20.82	/	/	<=30	Pass
		Outer_Full	19.05	/	/	20.55	/	/	<=30	Pass
		Inner_Full	19.01	/	/	20.51	/	/	<=30	Pass
		Inner_1RB Left	18.93	/	/	20.43	/	/	<=30	Pass
3784.98	Inner_1RB Right	19.27	/	/	20.77	/	/	<=30	Pass	
	Edge 1RB Left	19.35	/	/	20.85	/	/	<=30	Pass	
	Edge 1RB Right	19.16	/	/	20.66	/	/	<=30	Pass	
	Outer_Full	19.22	/	/	20.72	/	/	<=30	Pass	
	Inner_Full	19.19	/	/	20.69	/	/	<=30	Pass	
	Inner_1RB Left	19.35	/	/	20.85	/	/	<=30	Pass	
	Inner_1RB Right	19.12	/	/	20.62	/	/	<=30	Pass	
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30k_SISO_40MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3720	Edge_1RB_Left	21.66	/	/	23.16	/	/	<=30	Pass
		Edge_1RB_Right	21.66	/	/	23.16	/	/	<=30	Pass
		Outer_Full	24.87	/	/	26.37	/	/	<=30	Pass
		Inner_Full	25.38	/	/	26.88	/	/	<=30	Pass
		Inner_1RB_Left	25.04	/	/	26.54	/	/	<=30	Pass
		Inner_1RB_Right	25.03	/	/	26.53	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.81	/	/	23.31	/	/	<=30	Pass
		Edge_1RB_Right	22.14	/	/	23.64	/	/	<=30	Pass
		Outer_Full	24.84	/	/	26.34	/	/	<=30	Pass
		Inner_Full	25.21	/	/	26.71	/	/	<=30	Pass
		Inner_1RB_Left	25.04	/	/	26.54	/	/	<=30	Pass
		Inner_1RB_Right	25.44	/	/	26.94	/	/	<=30	Pass
	3780	Edge_1RB_Left	21.99	/	/	23.49	/	/	<=30	Pass
		Edge_1RB_Right	21.84	/	/	23.34	/	/	<=30	Pass
		Outer_Full	25.00	/	/	26.50	/	/	<=30	Pass
Inner_Full		25.49	/	/	26.99	/	/	<=30	Pass	
Inner_1RB_Left		25.28	/	/	26.78	/	/	<=30	Pass	
Inner_1RB_Right		25.17	/	/	26.67	/	/	<=30	Pass	
DFT-s-OFDM QPSK	3720	Edge_1RB_Left	22.10	/	/	23.60	/	/	<=30	Pass
		Edge_1RB_Right	22.11	/	/	23.61	/	/	<=30	Pass
		Outer_Full	24.85	/	/	26.35	/	/	<=30	Pass

		Inner_Full	25.31	/	/	26.81	/	/	<=30	Pass
		Inner_1RB_Left	25.03	/	/	26.53	/	/	<=30	Pass
		Inner_1RB_Right	25.07	/	/	26.57	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.18	/	/	23.68	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	24.10	/	/	<=30	Pass
		Outer_Full	24.84	/	/	26.34	/	/	<=30	Pass
		Inner_Full	25.22	/	/	26.72	/	/	<=30	Pass
		Inner_1RB_Left	25.04	/	/	26.54	/	/	<=30	Pass
		Inner_1RB_Right	25.43	/	/	26.93	/	/	<=30	Pass
	3780	Edge_1RB_Left	22.43	/	/	23.93	/	/	<=30	Pass
		Edge_1RB_Right	22.29	/	/	23.79	/	/	<=30	Pass
		Outer_Full	24.95	/	/	26.45	/	/	<=30	Pass
		Inner_Full	25.40	/	/	26.90	/	/	<=30	Pass
		Inner_1RB_Left	25.23	/	/	26.73	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Inner_1RB_Right	25.13	/	/	26.63	/	/	<=30	Pass
		Edge_1RB_Left	21.94	/	/	23.44	/	/	<=30	Pass
		Edge_1RB_Right	21.89	/	/	23.39	/	/	<=30	Pass
		Outer_Full	24.28	/	/	25.78	/	/	<=30	Pass
		Inner_Full	24.84	/	/	26.34	/	/	<=30	Pass
		Inner_1RB_Left	24.44	/	/	25.94	/	/	<=30	Pass
	3750	Inner_1RB_Right	24.39	/	/	25.89	/	/	<=30	Pass
		Edge_1RB_Left	22.01	/	/	23.51	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	23.88	/	/	<=30	Pass
		Outer_Full	24.22	/	/	25.72	/	/	<=30	Pass
		Inner_Full	24.73	/	/	26.23	/	/	<=30	Pass
		Inner_1RB_Left	24.38	/	/	25.88	/	/	<=30	Pass
	3780	Inner_1RB_Right	24.59	/	/	26.09	/	/	<=30	Pass
		Edge_1RB_Left	22.19	/	/	23.69	/	/	<=30	Pass
		Edge_1RB_Right	22.04	/	/	23.54	/	/	<=30	Pass
		Outer_Full	24.41	/	/	25.91	/	/	<=30	Pass
		Inner_Full	24.91	/	/	26.41	/	/	<=30	Pass
		Inner_1RB_Left	24.59	/	/	26.09	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Inner_1RB_Right	24.58	/	/	26.08	/	/	<=30	Pass
		Edge_1RB_Left	22.32	/	/	23.82	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	23.85	/	/	<=30	Pass
		Outer_Full	23.34	/	/	24.84	/	/	<=30	Pass
		Inner_Full	23.35	/	/	24.85	/	/	<=30	Pass
		Inner_1RB_Left	23.28	/	/	24.78	/	/	<=30	Pass
	3750	Inner_1RB_Right	23.24	/	/	24.74	/	/	<=30	Pass
		Edge_1RB_Left	22.37	/	/	23.87	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	24.33	/	/	<=30	Pass
		Outer_Full	23.25	/	/	24.75	/	/	<=30	Pass
		Inner_Full	23.26	/	/	24.76	/	/	<=30	Pass
		Inner_1RB_Left	23.41	/	/	24.91	/	/	<=30	Pass
	3780	Inner_1RB_Right	23.70	/	/	25.20	/	/	<=30	Pass
		Edge_1RB_Left	22.66	/	/	24.16	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	24.02	/	/	<=30	Pass
		Outer_Full	23.46	/	/	24.96	/	/	<=30	Pass
		Inner_Full	23.45	/	/	24.95	/	/	<=30	Pass
		Inner_1RB_Left	23.53	/	/	25.03	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3720	Inner_1RB_Right	23.48	/	/	24.98	/	/	<=30	Pass
		Edge_1RB_Left	20.92	/	/	22.42	/	/	<=30	Pass
		Edge_1RB_Right	20.84	/	/	22.34	/	/	<=30	Pass
		Outer_Full	21.08	/	/	22.58	/	/	<=30	Pass
		Inner_Full	21.09	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Left	20.90	/	/	22.40	/	/	<=30	Pass
	3750	Inner_1RB_Right	20.82	/	/	22.32	/	/	<=30	Pass
		Edge_1RB_Left	20.84	/	/	22.34	/	/	<=30	Pass
		Edge_1RB_Right	21.21	/	/	22.71	/	/	<=30	Pass

		Outer_Full	21.00	/	/	22.50	/	/	<=30	Pass
		Inner_Full	20.96	/	/	22.46	/	/	<=30	Pass
		Inner_1RB_Left	20.83	/	/	22.33	/	/	<=30	Pass
		Inner_1RB_Right	21.22	/	/	22.72	/	/	<=30	Pass
	3780	Edge_1RB_Left	21.05	/	/	22.55	/	/	<=30	Pass
		Edge_1RB_Right	20.97	/	/	22.47	/	/	<=30	Pass
		Outer_Full	21.16	/	/	22.66	/	/	<=30	Pass
		Inner_Full	21.16	/	/	22.66	/	/	<=30	Pass
		Inner_1RB_Left	21.03	/	/	22.53	/	/	<=30	Pass
		Inner_1RB_Right	20.93	/	/	22.43	/	/	<=30	Pass
CP-OFDM QPSK	3720	Edge_1RB_Left	21.98	/	/	23.48	/	/	<=30	Pass
		Edge_1RB_Right	22.08	/	/	23.58	/	/	<=30	Pass
		Outer_Full	22.91	/	/	24.41	/	/	<=30	Pass
		Inner_Full	24.26	/	/	25.76	/	/	<=30	Pass
		Inner_1RB_Left	24.20	/	/	25.70	/	/	<=30	Pass
		Inner_1RB_Right	24.00	/	/	25.50	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.50	/	/	24.00	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	23.96	/	/	<=30	Pass
		Outer_Full	22.73	/	/	24.23	/	/	<=30	Pass
		Inner_Full	24.22	/	/	25.72	/	/	<=30	Pass
		Inner_1RB_Left	23.93	/	/	25.43	/	/	<=30	Pass
		Inner_1RB_Right	24.53	/	/	26.03	/	/	<=30	Pass
	3780	Edge_1RB_Left	22.41	/	/	23.91	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	23.65	/	/	<=30	Pass
		Outer_Full	22.97	/	/	24.47	/	/	<=30	Pass
		Inner_Full	24.32	/	/	25.82	/	/	<=30	Pass
		Inner_1RB_Left	24.23	/	/	25.73	/	/	<=30	Pass
		Inner_1RB_Right	24.08	/	/	25.58	/	/	<=30	Pass
CP-OFDM 16 QAM	3720	Edge_1RB_Left	21.91	/	/	23.41	/	/	<=30	Pass
		Edge_1RB_Right	21.81	/	/	23.31	/	/	<=30	Pass
		Outer_Full	22.95	/	/	24.45	/	/	<=30	Pass
		Inner_Full	23.84	/	/	25.34	/	/	<=30	Pass
		Inner_1RB_Left	23.45	/	/	24.95	/	/	<=30	Pass
		Inner_1RB_Right	23.42	/	/	24.92	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.01	/	/	23.51	/	/	<=30	Pass
		Edge_1RB_Right	22.50	/	/	24.00	/	/	<=30	Pass
		Outer_Full	22.92	/	/	24.42	/	/	<=30	Pass
		Inner_Full	23.70	/	/	25.20	/	/	<=30	Pass
		Inner_1RB_Left	23.36	/	/	24.86	/	/	<=30	Pass
		Inner_1RB_Right	23.85	/	/	25.35	/	/	<=30	Pass
	3780	Edge_1RB_Left	22.26	/	/	23.76	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	23.69	/	/	<=30	Pass
		Outer_Full	23.12	/	/	24.62	/	/	<=30	Pass
		Inner_Full	23.92	/	/	25.42	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	25.09	/	/	<=30	Pass
		Inner_1RB_Right	23.67	/	/	25.17	/	/	<=30	Pass
CP-OFDM 64 QAM	3720	Edge_1RB_Left	22.40	/	/	23.90	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	23.76	/	/	<=30	Pass
		Outer_Full	22.24	/	/	23.74	/	/	<=30	Pass
		Inner_Full	22.44	/	/	23.94	/	/	<=30	Pass
		Inner_1RB_Left	22.33	/	/	23.83	/	/	<=30	Pass
		Inner_1RB_Right	22.30	/	/	23.80	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.33	/	/	23.83	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	24.16	/	/	<=30	Pass
		Outer_Full	22.31	/	/	23.81	/	/	<=30	Pass
		Inner_Full	22.24	/	/	23.74	/	/	<=30	Pass
		Inner_1RB_Left	22.37	/	/	23.87	/	/	<=30	Pass
		Inner_1RB_Right	22.66	/	/	24.16	/	/	<=30	Pass
	3780	Edge_1RB_Left	22.53	/	/	24.03	/	/	<=30	Pass

		Edge 1RB Right	22.41	/	/	23.91	/	/	<=30	Pass
		Outer_Full	22.37	/	/	23.87	/	/	<=30	Pass
		Inner_Full	22.45	/	/	23.95	/	/	<=30	Pass
		Inner_1RB Left	22.53	/	/	24.03	/	/	<=30	Pass
		Inner_1RB Right	22.44	/	/	23.94	/	/	<=30	Pass
CP-OFDM 256 QAM	3720	Edge 1RB Left	19.02	/	/	20.52	/	/	<=30	Pass
		Edge 1RB Right	18.92	/	/	20.42	/	/	<=30	Pass
		Outer_Full	19.09	/	/	20.59	/	/	<=30	Pass
		Inner_Full	19.15	/	/	20.65	/	/	<=30	Pass
		Inner_1RB Left	19.02	/	/	20.52	/	/	<=30	Pass
	3750	Inner_1RB Right	18.93	/	/	20.43	/	/	<=30	Pass
		Edge 1RB Left	18.99	/	/	20.49	/	/	<=30	Pass
		Edge 1RB Right	19.36	/	/	20.86	/	/	<=30	Pass
		Outer_Full	19.05	/	/	20.55	/	/	<=30	Pass
		Inner_Full	19.01	/	/	20.51	/	/	<=30	Pass
	3780	Inner_1RB Left	18.96	/	/	20.46	/	/	<=30	Pass
		Inner_1RB Right	19.36	/	/	20.86	/	/	<=30	Pass
		Edge 1RB Left	19.16	/	/	20.66	/	/	<=30	Pass
		Edge 1RB Right	19.09	/	/	20.59	/	/	<=30	Pass
		Outer_Full	19.18	/	/	20.68	/	/	<=30	Pass
		Inner_Full	19.20	/	/	20.70	/	/	<=30	Pass
		Inner_1RB Left	19.18	/	/	20.68	/	/	<=30	Pass
	Inner_1RB Right	19.11	/	/	20.61	/	/	<=30	Pass	
	Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain									

1.1.7 30k_SISO_50MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3725.01	Edge 1RB Left	21.53	/	/	23.03	/	/	<=30	Pass
		Edge 1RB Right	21.73	/	/	23.23	/	/	<=30	Pass
		Outer_Full	24.76	/	/	26.26	/	/	<=30	Pass
		Inner_Full	25.29	/	/	26.79	/	/	<=30	Pass
		Inner 1RB Left	25.05	/	/	26.55	/	/	<=30	Pass
		Inner 1RB Right	25.03	/	/	26.53	/	/	<=30	Pass
	3750	Edge 1RB Left	21.86	/	/	23.36	/	/	<=30	Pass
		Edge 1RB Right	22.11	/	/	23.61	/	/	<=30	Pass
		Outer_Full	24.84	/	/	26.34	/	/	<=30	Pass
		Inner_Full	25.29	/	/	26.79	/	/	<=30	Pass
		Inner 1RB Left	25.13	/	/	26.63	/	/	<=30	Pass
		Inner 1RB Right	25.38	/	/	26.88	/	/	<=30	Pass
	3774.99	Edge 1RB Left	21.60	/	/	23.10	/	/	<=30	Pass
		Edge 1RB Right	21.82	/	/	23.32	/	/	<=30	Pass
		Outer_Full	24.99	/	/	26.49	/	/	<=30	Pass
		Inner_Full	25.50	/	/	27.00	/	/	<=30	Pass
		Inner 1RB Left	25.14	/	/	26.64	/	/	<=30	Pass
		Inner 1RB Right	25.11	/	/	26.61	/	/	<=30	Pass
DFT-s-OFDM QPSK	3725.01	Edge 1RB Left	22.03	/	/	23.53	/	/	<=30	Pass
		Edge 1RB Right	22.12	/	/	23.62	/	/	<=30	Pass
		Outer_Full	24.82	/	/	26.32	/	/	<=30	Pass
		Inner_Full	25.27	/	/	26.77	/	/	<=30	Pass
		Inner 1RB Left	25.01	/	/	26.51	/	/	<=30	Pass
		Inner 1RB Right	24.99	/	/	26.49	/	/	<=30	Pass
	3750	Edge 1RB Left	22.34	/	/	23.84	/	/	<=30	Pass
		Edge 1RB Right	22.53	/	/	24.03	/	/	<=30	Pass
		Outer_Full	24.83	/	/	26.33	/	/	<=30	Pass

		Inner_Full	25.28	/	/	26.78	/	/	<=30	Pass
		Inner_1RB_Left	25.08	/	/	26.58	/	/	<=30	Pass
		Inner_1RB_Right	25.38	/	/	26.88	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	22.23	/	/	23.73	/	/	<=30	Pass
		Edge_1RB_Right	22.29	/	/	23.79	/	/	<=30	Pass
		Outer_Full	24.95	/	/	26.45	/	/	<=30	Pass
		Inner_Full	25.49	/	/	26.99	/	/	<=30	Pass
		Inner_1RB_Left	25.03	/	/	26.53	/	/	<=30	Pass
		Inner_1RB_Right	25.15	/	/	26.65	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3725.01	Edge_1RB_Left	21.83	/	/	23.33	/	/	<=30	Pass
		Edge_1RB_Right	21.92	/	/	23.42	/	/	<=30	Pass
		Outer_Full	24.20	/	/	25.70	/	/	<=30	Pass
		Inner_Full	24.76	/	/	26.26	/	/	<=30	Pass
		Inner_1RB_Left	24.42	/	/	25.92	/	/	<=30	Pass
		Inner_1RB_Right	24.45	/	/	25.95	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.03	/	/	23.53	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	23.93	/	/	<=30	Pass
		Outer_Full	24.29	/	/	25.79	/	/	<=30	Pass
		Inner_Full	24.79	/	/	26.29	/	/	<=30	Pass
		Inner_1RB_Left	24.46	/	/	25.96	/	/	<=30	Pass
		Inner_1RB_Right	24.78	/	/	26.28	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	22.05	/	/	23.55	/	/	<=30	Pass
		Edge_1RB_Right	22.00	/	/	23.50	/	/	<=30	Pass
		Outer_Full	24.35	/	/	25.85	/	/	<=30	Pass
		Inner_Full	25.00	/	/	26.50	/	/	<=30	Pass
		Inner_1RB_Left	24.37	/	/	25.87	/	/	<=30	Pass
		Inner_1RB_Right	24.47	/	/	25.97	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3725.01	Edge_1RB_Left	22.32	/	/	23.82	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	23.90	/	/	<=30	Pass
		Outer_Full	23.28	/	/	24.78	/	/	<=30	Pass
		Inner_Full	23.31	/	/	24.81	/	/	<=30	Pass
		Inner_1RB_Left	23.24	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	24.82	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.63	/	/	24.13	/	/	<=30	Pass
		Edge_1RB_Right	22.86	/	/	24.36	/	/	<=30	Pass
		Outer_Full	23.29	/	/	24.79	/	/	<=30	Pass
		Inner_Full	23.29	/	/	24.79	/	/	<=30	Pass
		Inner_1RB_Left	23.45	/	/	24.95	/	/	<=30	Pass
		Inner_1RB_Right	23.68	/	/	25.18	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	22.38	/	/	23.88	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	23.87	/	/	<=30	Pass
		Outer_Full	23.41	/	/	24.91	/	/	<=30	Pass
		Inner_Full	23.53	/	/	25.03	/	/	<=30	Pass
		Inner_1RB_Left	23.28	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Right	23.50	/	/	25.00	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3725.01	Edge_1RB_Left	20.79	/	/	22.29	/	/	<=30	Pass
		Edge_1RB_Right	20.79	/	/	22.29	/	/	<=30	Pass
		Outer_Full	21.03	/	/	22.53	/	/	<=30	Pass
		Inner_Full	21.00	/	/	22.50	/	/	<=30	Pass
		Inner_1RB_Left	20.80	/	/	22.30	/	/	<=30	Pass
		Inner_1RB_Right	20.78	/	/	22.28	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.91	/	/	22.41	/	/	<=30	Pass
		Edge_1RB_Right	21.21	/	/	22.71	/	/	<=30	Pass
		Outer_Full	21.09	/	/	22.59	/	/	<=30	Pass
		Inner_Full	21.06	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Left	20.87	/	/	22.37	/	/	<=30	Pass
		Inner_1RB_Right	21.18	/	/	22.68	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	20.84	/	/	22.34	/	/	<=30	Pass
		Edge_1RB_Right	20.93	/	/	22.43	/	/	<=30	Pass

		Outer_Full	21.20	/	/	22.70	/	/	<=30	Pass
		Inner_Full	21.24	/	/	22.74	/	/	<=30	Pass
		Inner_1RB_Left	20.84	/	/	22.34	/	/	<=30	Pass
		Inner_1RB_Right	20.88	/	/	22.38	/	/	<=30	Pass
CP-OFDM QPSK	3725.01	Edge_1RB_Left	22.03	/	/	23.53	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	23.72	/	/	<=30	Pass
		Outer_Full	22.73	/	/	24.23	/	/	<=30	Pass
		Inner_Full	24.13	/	/	25.63	/	/	<=30	Pass
		Inner_1RB_Left	24.05	/	/	25.55	/	/	<=30	Pass
		Inner_1RB_Right	24.11	/	/	25.61	/	/	<=30	Pass
		Edge_1RB_Left	22.28	/	/	23.78	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	24.08	/	/	<=30	Pass
	3750	Outer_Full	22.85	/	/	24.35	/	/	<=30	Pass
		Inner_Full	24.25	/	/	25.75	/	/	<=30	Pass
		Inner_1RB_Left	24.19	/	/	25.69	/	/	<=30	Pass
		Inner_1RB_Right	24.54	/	/	26.04	/	/	<=30	Pass
		Edge_1RB_Left	22.25	/	/	23.75	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	23.74	/	/	<=30	Pass
	3774.99	Outer_Full	22.96	/	/	24.46	/	/	<=30	Pass
		Inner_Full	24.36	/	/	25.86	/	/	<=30	Pass
		Inner_1RB_Left	24.16	/	/	25.66	/	/	<=30	Pass
		Inner_1RB_Right	24.16	/	/	25.66	/	/	<=30	Pass
CP-OFDM 16 QAM	3725.01	Edge_1RB_Left	21.95	/	/	23.45	/	/	<=30	Pass
		Edge_1RB_Right	21.90	/	/	23.40	/	/	<=30	Pass
		Outer_Full	22.88	/	/	24.38	/	/	<=30	Pass
		Inner_Full	23.68	/	/	25.18	/	/	<=30	Pass
		Inner_1RB_Left	23.25	/	/	24.75	/	/	<=30	Pass
		Inner_1RB_Right	23.35	/	/	24.85	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.89	/	/	23.39	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	23.77	/	/	<=30	Pass
		Outer_Full	22.93	/	/	24.43	/	/	<=30	Pass
		Inner_Full	23.80	/	/	25.30	/	/	<=30	Pass
		Inner_1RB_Left	23.51	/	/	25.01	/	/	<=30	Pass
		Inner_1RB_Right	23.77	/	/	25.27	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	21.82	/	/	23.32	/	/	<=30	Pass
		Edge_1RB_Right	22.09	/	/	23.59	/	/	<=30	Pass
		Outer_Full	23.08	/	/	24.58	/	/	<=30	Pass
		Inner_Full	23.97	/	/	25.47	/	/	<=30	Pass
		Inner_1RB_Left	23.41	/	/	24.91	/	/	<=30	Pass
		Inner_1RB_Right	23.35	/	/	24.85	/	/	<=30	Pass
CP-OFDM 64 QAM	3725.01	Edge_1RB_Left	22.23	/	/	23.73	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	23.77	/	/	<=30	Pass
		Outer_Full	22.14	/	/	23.64	/	/	<=30	Pass
		Inner_Full	22.26	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Left	22.30	/	/	23.80	/	/	<=30	Pass
		Inner_1RB_Right	22.20	/	/	23.70	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.29	/	/	23.79	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	24.13	/	/	<=30	Pass
		Outer_Full	22.27	/	/	23.77	/	/	<=30	Pass
		Inner_Full	22.32	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Left	22.42	/	/	23.92	/	/	<=30	Pass
		Inner_1RB_Right	22.61	/	/	24.11	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	22.30	/	/	23.80	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	23.94	/	/	<=30	Pass
		Outer_Full	22.34	/	/	23.84	/	/	<=30	Pass
		Inner_Full	22.49	/	/	23.99	/	/	<=30	Pass
		Inner_1RB_Left	22.32	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Right	22.34	/	/	23.84	/	/	<=30	Pass
CP-OFDM 256 QAM	3725.01	Edge_1RB_Left	18.94	/	/	20.44	/	/	<=30	Pass

		Edge 1RB Right	18.90	/	/	20.40	/	/	<=30	Pass
		Outer Full	18.98	/	/	20.48	/	/	<=30	Pass
		Inner Full	18.99	/	/	20.49	/	/	<=30	Pass
		Inner 1RB Left	18.94	/	/	20.44	/	/	<=30	Pass
		Inner 1RB Right	18.89	/	/	20.39	/	/	<=30	Pass
	3750	Edge 1RB Left	19.01	/	/	20.51	/	/	<=30	Pass
		Edge 1RB Right	19.31	/	/	20.81	/	/	<=30	Pass
		Outer Full	19.05	/	/	20.55	/	/	<=30	Pass
		Inner Full	19.05	/	/	20.55	/	/	<=30	Pass
		Inner 1RB Left	19.01	/	/	20.51	/	/	<=30	Pass
		Inner 1RB Right	19.33	/	/	20.83	/	/	<=30	Pass
	3774.99	Edge 1RB Left	18.95	/	/	20.45	/	/	<=30	Pass
		Edge 1RB Right	19.06	/	/	20.56	/	/	<=30	Pass
		Outer Full	19.22	/	/	20.72	/	/	<=30	Pass
		Inner Full	19.25	/	/	20.75	/	/	<=30	Pass
		Inner 1RB Left	18.98	/	/	20.48	/	/	<=30	Pass
		Inner 1RB Right	19.00	/	/	20.50	/	/	<=30	Pass
	Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain									

1.1.8 30k_SISO_60MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 60MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3730.02	Edge 1RB Left	21.68	/	/	23.18	/	/	<=30	Pass
		Edge 1RB Right	21.94	/	/	23.44	/	/	<=30	Pass
		Outer Full	24.81	/	/	26.31	/	/	<=30	Pass
		Inner Full	25.28	/	/	26.78	/	/	<=30	Pass
		Inner 1RB Left	25.03	/	/	26.53	/	/	<=30	Pass
		Inner 1RB Right	25.27	/	/	26.77	/	/	<=30	Pass
	3750	Edge 1RB Left	21.94	/	/	23.44	/	/	<=30	Pass
		Edge 1RB Right	22.01	/	/	23.51	/	/	<=30	Pass
		Outer Full	24.81	/	/	26.31	/	/	<=30	Pass
		Inner Full	25.27	/	/	26.77	/	/	<=30	Pass
		Inner 1RB Left	25.17	/	/	26.67	/	/	<=30	Pass
		Inner 1RB Right	25.32	/	/	26.82	/	/	<=30	Pass
	3769.98	Edge 1RB Left	21.52	/	/	23.02	/	/	<=30	Pass
		Edge 1RB Right	21.76	/	/	23.26	/	/	<=30	Pass
		Outer Full	24.85	/	/	26.35	/	/	<=30	Pass
		Inner Full	25.45	/	/	26.95	/	/	<=30	Pass
		Inner 1RB Left	24.96	/	/	26.46	/	/	<=30	Pass
		Inner 1RB Right	25.14	/	/	26.64	/	/	<=30	Pass
DFT-s-OFDM QPSK	3730.02	Edge 1RB Left	22.18	/	/	23.68	/	/	<=30	Pass
		Edge 1RB Right	22.39	/	/	23.89	/	/	<=30	Pass
		Outer Full	24.80	/	/	26.30	/	/	<=30	Pass
		Inner Full	25.25	/	/	26.75	/	/	<=30	Pass
		Inner 1RB Left	25.03	/	/	26.53	/	/	<=30	Pass
		Inner 1RB Right	25.27	/	/	26.77	/	/	<=30	Pass
	3750	Edge 1RB Left	22.40	/	/	23.90	/	/	<=30	Pass
		Edge 1RB Right	22.54	/	/	24.04	/	/	<=30	Pass
		Outer Full	24.83	/	/	26.33	/	/	<=30	Pass
		Inner Full	25.27	/	/	26.77	/	/	<=30	Pass
		Inner 1RB Left	25.12	/	/	26.62	/	/	<=30	Pass
		Inner 1RB Right	25.35	/	/	26.85	/	/	<=30	Pass
	3769.98	Edge 1RB Left	21.98	/	/	23.48	/	/	<=30	Pass
		Edge 1RB Right	22.23	/	/	23.73	/	/	<=30	Pass
		Outer Full	24.85	/	/	26.35	/	/	<=30	Pass

		Inner_Full	25.40	/	/	26.90	/	/	<=30	Pass
		Inner_1RB_Left	24.84	/	/	26.34	/	/	<=30	Pass
		Inner_1RB_Right	25.11	/	/	26.61	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3730.02	Edge_1RB_Left	21.91	/	/	23.41	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	23.65	/	/	<=30	Pass
		Outer_Full	24.23	/	/	25.73	/	/	<=30	Pass
		Inner_Full	24.75	/	/	26.25	/	/	<=30	Pass
		Inner_1RB_Left	24.42	/	/	25.92	/	/	<=30	Pass
		Inner_1RB_Right	24.60	/	/	26.10	/	/	<=30	Pass
		Edge_1RB_Left	22.07	/	/	23.57	/	/	<=30	Pass
	3750	Edge_1RB_Right	22.24	/	/	23.74	/	/	<=30	Pass
		Outer_Full	24.22	/	/	25.72	/	/	<=30	Pass
		Inner_Full	24.72	/	/	26.22	/	/	<=30	Pass
		Inner_1RB_Left	24.53	/	/	26.03	/	/	<=30	Pass
		Inner_1RB_Right	24.65	/	/	26.15	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	21.74	/	/	23.24	/	/	<=30	Pass
		Edge_1RB_Right	21.99	/	/	23.49	/	/	<=30	Pass
		Outer_Full	24.30	/	/	25.80	/	/	<=30	Pass
		Inner_Full	24.89	/	/	26.39	/	/	<=30	Pass
		Inner_1RB_Left	24.20	/	/	25.70	/	/	<=30	Pass
		Inner_1RB_Right	24.50	/	/	26.00	/	/	<=30	Pass
		Edge_1RB_Left	22.31	/	/	23.81	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3730.02	Edge_1RB_Right	22.52	/	/	24.02	/	/	<=30	Pass
		Outer_Full	23.29	/	/	24.79	/	/	<=30	Pass
		Inner_Full	23.40	/	/	24.90	/	/	<=30	Pass
		Inner_1RB_Left	23.43	/	/	24.93	/	/	<=30	Pass
		Inner_1RB_Right	23.54	/	/	25.04	/	/	<=30	Pass
		Edge_1RB_Left	22.57	/	/	24.07	/	/	<=30	Pass
	3750	Edge_1RB_Right	22.76	/	/	24.26	/	/	<=30	Pass
		Outer_Full	23.27	/	/	24.77	/	/	<=30	Pass
		Inner_Full	23.28	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Left	23.47	/	/	24.97	/	/	<=30	Pass
		Inner_1RB_Right	23.62	/	/	25.12	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	22.28	/	/	23.78	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	23.92	/	/	<=30	Pass
		Outer_Full	23.34	/	/	24.84	/	/	<=30	Pass
		Inner_Full	23.47	/	/	24.97	/	/	<=30	Pass
		Inner_1RB_Left	23.10	/	/	24.60	/	/	<=30	Pass
		Inner_1RB_Right	23.38	/	/	24.88	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3730.02	Edge_1RB_Left	20.87	/	/	22.37	/	/	<=30	Pass
		Edge_1RB_Right	21.04	/	/	22.54	/	/	<=30	Pass
		Outer_Full	21.02	/	/	22.52	/	/	<=30	Pass
		Inner_Full	21.02	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Left	20.82	/	/	22.32	/	/	<=30	Pass
		Inner_1RB_Right	21.03	/	/	22.53	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.95	/	/	22.45	/	/	<=30	Pass
		Edge_1RB_Right	21.16	/	/	22.66	/	/	<=30	Pass
		Outer_Full	21.02	/	/	22.52	/	/	<=30	Pass
		Inner_Full	20.97	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Left	20.93	/	/	22.43	/	/	<=30	Pass
	3769.98	Inner_1RB_Right	21.13	/	/	22.63	/	/	<=30	Pass
		Edge_1RB_Left	20.65	/	/	22.15	/	/	<=30	Pass
		Edge_1RB_Right	20.93	/	/	22.43	/	/	<=30	Pass
		Outer_Full	21.06	/	/	22.56	/	/	<=30	Pass
		Inner_Full	21.18	/	/	22.68	/	/	<=30	Pass
		Inner_1RB_Left	20.70	/	/	22.20	/	/	<=30	Pass
CP-OFDM QPSK	3730.02	Inner_1RB_Right	20.89	/	/	22.39	/	/	<=30	Pass
		Edge_1RB_Left	21.97	/	/	23.47	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	23.85	/	/	<=30	Pass

		Outer_Full	22.79	/	/	24.29	/	/	<=30	Pass
		Inner_Full	24.20	/	/	25.70	/	/	<=30	Pass
		Inner_1RB_Left	24.02	/	/	25.52	/	/	<=30	Pass
		Inner_1RB_Right	24.19	/	/	25.69	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.33	/	/	23.83	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	23.94	/	/	<=30	Pass
		Outer_Full	22.76	/	/	24.26	/	/	<=30	Pass
		Inner_Full	24.19	/	/	25.69	/	/	<=30	Pass
		Inner_1RB_Left	24.23	/	/	25.73	/	/	<=30	Pass
		Inner_1RB_Right	24.34	/	/	25.84	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	21.99	/	/	23.49	/	/	<=30	Pass
		Edge_1RB_Right	22.18	/	/	23.68	/	/	<=30	Pass
		Outer_Full	22.86	/	/	24.36	/	/	<=30	Pass
		Inner_Full	24.30	/	/	25.80	/	/	<=30	Pass
		Inner_1RB_Left	23.88	/	/	25.38	/	/	<=30	Pass
		Inner_1RB_Right	24.17	/	/	25.67	/	/	<=30	Pass
CP-OFDM 16 QAM	3730.02	Edge_1RB_Left	21.95	/	/	23.45	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	23.75	/	/	<=30	Pass
		Outer_Full	22.93	/	/	24.43	/	/	<=30	Pass
		Inner_Full	23.71	/	/	25.21	/	/	<=30	Pass
		Inner_1RB_Left	23.41	/	/	24.91	/	/	<=30	Pass
		Inner_1RB_Right	23.63	/	/	25.13	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.05	/	/	23.55	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	23.71	/	/	<=30	Pass
		Outer_Full	22.97	/	/	24.47	/	/	<=30	Pass
		Inner_Full	23.76	/	/	25.26	/	/	<=30	Pass
		Inner_1RB_Left	23.54	/	/	25.04	/	/	<=30	Pass
		Inner_1RB_Right	23.63	/	/	25.13	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	21.75	/	/	23.25	/	/	<=30	Pass
		Edge_1RB_Right	22.06	/	/	23.56	/	/	<=30	Pass
		Outer_Full	22.96	/	/	24.46	/	/	<=30	Pass
		Inner_Full	23.90	/	/	25.40	/	/	<=30	Pass
		Inner_1RB_Left	23.21	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Right	23.44	/	/	24.94	/	/	<=30	Pass
CP-OFDM 64 QAM	3730.02	Edge_1RB_Left	22.38	/	/	23.88	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	24.01	/	/	<=30	Pass
		Outer_Full	22.29	/	/	23.79	/	/	<=30	Pass
		Inner_Full	22.24	/	/	23.74	/	/	<=30	Pass
		Inner_1RB_Left	22.33	/	/	23.83	/	/	<=30	Pass
		Inner_1RB_Right	22.53	/	/	24.03	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.42	/	/	23.92	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	24.13	/	/	<=30	Pass
		Outer_Full	22.32	/	/	23.82	/	/	<=30	Pass
		Inner_Full	22.22	/	/	23.72	/	/	<=30	Pass
		Inner_1RB_Left	22.40	/	/	23.90	/	/	<=30	Pass
		Inner_1RB_Right	22.65	/	/	24.15	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	22.17	/	/	23.67	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	23.87	/	/	<=30	Pass
		Outer_Full	22.29	/	/	23.79	/	/	<=30	Pass
		Inner_Full	22.47	/	/	23.97	/	/	<=30	Pass
		Inner_1RB_Left	22.16	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Right	22.38	/	/	23.88	/	/	<=30	Pass
CP-OFDM 256 QAM	3730.02	Edge_1RB_Left	18.97	/	/	20.47	/	/	<=30	Pass
		Edge_1RB_Right	19.15	/	/	20.65	/	/	<=30	Pass
		Outer_Full	19.08	/	/	20.58	/	/	<=30	Pass
		Inner_Full	18.98	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Left	18.98	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Right	19.13	/	/	20.63	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.07	/	/	20.57	/	/	<=30	Pass

		Edge 1RB Right	19.27	/	/	20.77	/	/	<=30	Pass
		Outer_Full	19.09	/	/	20.59	/	/	<=30	Pass
		Inner_Full	18.98	/	/	20.48	/	/	<=30	Pass
		Inner_1RB Left	19.12	/	/	20.62	/	/	<=30	Pass
		Inner_1RB Right	19.27	/	/	20.77	/	/	<=30	Pass
	3769.98	Edge 1RB Left	18.85	/	/	20.35	/	/	<=30	Pass
		Edge 1RB Right	19.07	/	/	20.57	/	/	<=30	Pass
		Outer_Full	19.12	/	/	20.62	/	/	<=30	Pass
		Inner_Full	19.20	/	/	20.70	/	/	<=30	Pass
		Inner_1RB Left	18.82	/	/	20.32	/	/	<=30	Pass
		Inner_1RB Right	19.05	/	/	20.55	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30k_SISO_70MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 70MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3735	Edge 1RB Left	21.85	/	/	23.35	/	/	<=30	Pass
		Edge 1RB Right	22.16	/	/	23.66	/	/	<=30	Pass
		Outer_Full	24.86	/	/	26.36	/	/	<=30	Pass
		Inner_Full	25.25	/	/	26.75	/	/	<=30	Pass
		Inner 1RB Left	25.12	/	/	26.62	/	/	<=30	Pass
		Inner 1RB Right	25.48	/	/	26.98	/	/	<=30	Pass
	3750	Edge 1RB Left	22.01	/	/	23.51	/	/	<=30	Pass
		Edge 1RB Right	22.11	/	/	23.61	/	/	<=30	Pass
		Outer_Full	24.92	/	/	26.42	/	/	<=30	Pass
		Inner_Full	25.37	/	/	26.87	/	/	<=30	Pass
		Inner 1RB Left	25.35	/	/	26.85	/	/	<=30	Pass
		Inner 1RB Right	25.42	/	/	26.92	/	/	<=30	Pass
	3765	Edge 1RB Left	21.69	/	/	23.19	/	/	<=30	Pass
		Edge 1RB Right	21.82	/	/	23.32	/	/	<=30	Pass
		Outer_Full	24.80	/	/	26.30	/	/	<=30	Pass
		Inner_Full	25.42	/	/	26.92	/	/	<=30	Pass
		Inner 1RB Left	25.07	/	/	26.57	/	/	<=30	Pass
		Inner 1RB Right	25.14	/	/	26.64	/	/	<=30	Pass
DFT-s-OFDM QPSK	3735	Edge 1RB Left	22.28	/	/	23.78	/	/	<=30	Pass
		Edge 1RB Right	22.58	/	/	24.08	/	/	<=30	Pass
		Outer_Full	24.83	/	/	26.33	/	/	<=30	Pass
		Inner_Full	25.24	/	/	26.74	/	/	<=30	Pass
		Inner 1RB Left	25.14	/	/	26.64	/	/	<=30	Pass
		Inner 1RB Right	25.39	/	/	26.89	/	/	<=30	Pass
	3750	Edge 1RB Left	22.52	/	/	24.02	/	/	<=30	Pass
		Edge 1RB Right	22.50	/	/	24.00	/	/	<=30	Pass
		Outer_Full	24.92	/	/	26.42	/	/	<=30	Pass
		Inner_Full	25.35	/	/	26.85	/	/	<=30	Pass
		Inner 1RB Left	25.28	/	/	26.78	/	/	<=30	Pass
		Inner 1RB Right	25.39	/	/	26.89	/	/	<=30	Pass
	3765	Edge 1RB Left	22.15	/	/	23.65	/	/	<=30	Pass
		Edge 1RB Right	22.31	/	/	23.81	/	/	<=30	Pass
		Outer_Full	24.83	/	/	26.33	/	/	<=30	Pass
		Inner_Full	25.34	/	/	26.84	/	/	<=30	Pass
		Inner 1RB Left	25.01	/	/	26.51	/	/	<=30	Pass
		Inner 1RB Right	25.07	/	/	26.57	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3735	Edge 1RB Left	22.09	/	/	23.59	/	/	<=30	Pass
		Edge 1RB Right	22.28	/	/	23.78	/	/	<=30	Pass
		Outer_Full	24.29	/	/	25.79	/	/	<=30	Pass

		Inner_Full	24.71	/	/	26.21	/	/	<=30	Pass
		Inner_1RB_Left	24.44	/	/	25.94	/	/	<=30	Pass
		Inner_1RB_Right	24.70	/	/	26.20	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.29	/	/	23.79	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	23.78	/	/	<=30	Pass
		Outer_Full	24.35	/	/	25.85	/	/	<=30	Pass
		Inner_Full	24.81	/	/	26.31	/	/	<=30	Pass
		Inner_1RB_Left	24.65	/	/	26.15	/	/	<=30	Pass
		Inner_1RB_Right	24.71	/	/	26.21	/	/	<=30	Pass
	3765	Edge_1RB_Left	21.96	/	/	23.46	/	/	<=30	Pass
		Edge_1RB_Right	22.03	/	/	23.53	/	/	<=30	Pass
		Outer_Full	24.28	/	/	25.78	/	/	<=30	Pass
		Inner_Full	24.84	/	/	26.34	/	/	<=30	Pass
		Inner_1RB_Left	24.34	/	/	25.84	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3735	Inner_1RB_Right	24.46	/	/	25.96	/	/	<=30	Pass
		Edge_1RB_Left	22.54	/	/	24.04	/	/	<=30	Pass
		Edge_1RB_Right	22.78	/	/	24.28	/	/	<=30	Pass
		Outer_Full	23.35	/	/	24.85	/	/	<=30	Pass
		Inner_Full	23.25	/	/	24.75	/	/	<=30	Pass
	3750	Inner_1RB_Left	23.55	/	/	25.05	/	/	<=30	Pass
		Inner_1RB_Right	23.68	/	/	25.18	/	/	<=30	Pass
		Edge_1RB_Left	22.77	/	/	24.27	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	24.31	/	/	<=30	Pass
		Outer_Full	23.40	/	/	24.90	/	/	<=30	Pass
	3765	Inner_Full	23.39	/	/	24.89	/	/	<=30	Pass
		Inner_1RB_Left	23.74	/	/	25.24	/	/	<=30	Pass
		Inner_1RB_Right	23.81	/	/	25.31	/	/	<=30	Pass
		Edge_1RB_Left	22.47	/	/	23.97	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	24.03	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3735	Outer_Full	23.29	/	/	24.79	/	/	<=30	Pass
		Inner_Full	23.45	/	/	24.95	/	/	<=30	Pass
		Inner_1RB_Left	23.31	/	/	24.81	/	/	<=30	Pass
		Inner_1RB_Right	23.40	/	/	24.90	/	/	<=30	Pass
		Edge_1RB_Left	20.80	/	/	22.30	/	/	<=30	Pass
	3750	Edge_1RB_Right	21.14	/	/	22.64	/	/	<=30	Pass
		Outer_Full	21.02	/	/	22.52	/	/	<=30	Pass
		Inner_Full	20.92	/	/	22.42	/	/	<=30	Pass
		Inner_1RB_Left	20.81	/	/	22.31	/	/	<=30	Pass
		Inner_1RB_Right	21.15	/	/	22.65	/	/	<=30	Pass
	3765	Edge_1RB_Left	21.01	/	/	22.51	/	/	<=30	Pass
		Edge_1RB_Right	21.06	/	/	22.56	/	/	<=30	Pass
		Outer_Full	21.06	/	/	22.56	/	/	<=30	Pass
		Inner_Full	21.05	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Left	21.00	/	/	22.50	/	/	<=30	Pass
CP-OFDM QPSK	3735	Inner_1RB_Right	21.07	/	/	22.57	/	/	<=30	Pass
		Edge_1RB_Left	20.74	/	/	22.24	/	/	<=30	Pass
		Edge_1RB_Right	20.85	/	/	22.35	/	/	<=30	Pass
		Outer_Full	21.02	/	/	22.52	/	/	<=30	Pass
		Inner_Full	21.09	/	/	22.59	/	/	<=30	Pass
	3750	Inner_1RB_Left	20.75	/	/	22.25	/	/	<=30	Pass
		Inner_1RB_Right	20.80	/	/	22.30	/	/	<=30	Pass
		Edge_1RB_Left	22.38	/	/	23.88	/	/	<=30	Pass
		Edge_1RB_Right	23.00	/	/	24.50	/	/	<=30	Pass
		Outer_Full	22.90	/	/	24.40	/	/	<=30	Pass
	3765	Inner_Full	24.16	/	/	25.66	/	/	<=30	Pass
		Inner_1RB_Left	24.32	/	/	25.82	/	/	<=30	Pass
		Inner_1RB_Right	24.49	/	/	25.99	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.61	/	/	24.11	/	/	<=30	Pass
		Edge_1RB_Right	22.80	/	/	24.30	/	/	<=30	Pass

		Outer_Full	22.95	/	/	24.45	/	/	<=30	Pass
		Inner_Full	24.33	/	/	25.83	/	/	<=30	Pass
		Inner_1RB_Left	24.57	/	/	26.07	/	/	<=30	Pass
		Inner_1RB_Right	24.43	/	/	25.93	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.50	/	/	24.00	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	23.92	/	/	<=30	Pass
		Outer_Full	22.86	/	/	24.36	/	/	<=30	Pass
		Inner_Full	24.34	/	/	25.84	/	/	<=30	Pass
		Inner_1RB_Left	24.00	/	/	25.50	/	/	<=30	Pass
		Inner_1RB_Right	24.23	/	/	25.73	/	/	<=30	Pass
CP-OFDM 16 QAM	3735	Edge_1RB_Left	22.04	/	/	23.54	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	23.90	/	/	<=30	Pass
		Outer_Full	23.04	/	/	24.54	/	/	<=30	Pass
		Inner_Full	23.74	/	/	25.24	/	/	<=30	Pass
		Inner_1RB_Left	23.53	/	/	25.03	/	/	<=30	Pass
		Inner_1RB_Right	23.88	/	/	25.38	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.37	/	/	23.87	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	23.84	/	/	<=30	Pass
		Outer_Full	23.06	/	/	24.56	/	/	<=30	Pass
		Inner_Full	23.83	/	/	25.33	/	/	<=30	Pass
		Inner_1RB_Left	23.67	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Right	23.65	/	/	25.15	/	/	<=30	Pass
	3765	Edge_1RB_Left	21.98	/	/	23.48	/	/	<=30	Pass
		Edge_1RB_Right	22.12	/	/	23.62	/	/	<=30	Pass
		Outer_Full	22.94	/	/	24.44	/	/	<=30	Pass
		Inner_Full	23.94	/	/	25.44	/	/	<=30	Pass
		Inner_1RB_Left	23.39	/	/	24.89	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	24.99	/	/	<=30	Pass
CP-OFDM 64 QAM	3735	Edge_1RB_Left	22.42	/	/	23.92	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	24.19	/	/	<=30	Pass
		Outer_Full	22.25	/	/	23.75	/	/	<=30	Pass
		Inner_Full	22.23	/	/	23.73	/	/	<=30	Pass
		Inner_1RB_Left	22.46	/	/	23.96	/	/	<=30	Pass
		Inner_1RB_Right	22.76	/	/	24.26	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.65	/	/	24.15	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	24.23	/	/	<=30	Pass
		Outer_Full	22.38	/	/	23.88	/	/	<=30	Pass
		Inner_Full	22.42	/	/	23.92	/	/	<=30	Pass
		Inner_1RB_Left	22.62	/	/	24.12	/	/	<=30	Pass
		Inner_1RB_Right	22.76	/	/	24.26	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.27	/	/	23.77	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	23.91	/	/	<=30	Pass
		Outer_Full	22.35	/	/	23.85	/	/	<=30	Pass
		Inner_Full	22.45	/	/	23.95	/	/	<=30	Pass
		Inner_1RB_Left	22.41	/	/	23.91	/	/	<=30	Pass
		Inner_1RB_Right	22.43	/	/	23.93	/	/	<=30	Pass
CP-OFDM 256 QAM	3735	Edge_1RB_Left	18.93	/	/	20.43	/	/	<=30	Pass
		Edge_1RB_Right	19.29	/	/	20.79	/	/	<=30	Pass
		Outer_Full	19.01	/	/	20.51	/	/	<=30	Pass
		Inner_Full	18.96	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Left	18.96	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Right	19.28	/	/	20.78	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.14	/	/	20.64	/	/	<=30	Pass
		Edge_1RB_Right	19.20	/	/	20.70	/	/	<=30	Pass
		Outer_Full	19.14	/	/	20.64	/	/	<=30	Pass
		Inner_Full	19.06	/	/	20.56	/	/	<=30	Pass
		Inner_1RB_Left	19.14	/	/	20.64	/	/	<=30	Pass
		Inner_1RB_Right	19.18	/	/	20.68	/	/	<=30	Pass
	3765	Edge_1RB_Left	18.88	/	/	20.38	/	/	<=30	Pass

		Edge 1RB Right	18.96	/	/	20.46	/	/	<=30	Pass
		Outer Full	18.99	/	/	20.49	/	/	<=30	Pass
		Inner Full	19.13	/	/	20.63	/	/	<=30	Pass
		Inner 1RB Left	18.88	/	/	20.38	/	/	<=30	Pass
		Inner 1RB Right	18.95	/	/	20.45	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.10 30k_SISO_80MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3740.01	Edge 1RB Left	21.82	/	/	23.32	/	/	<=30	Pass
		Edge 1RB Right	22.11	/	/	23.61	/	/	<=30	Pass
		Outer Full	24.91	/	/	26.41	/	/	<=30	Pass
		Inner Full	25.30	/	/	26.80	/	/	<=30	Pass
		Inner 1RB Left	25.13	/	/	26.63	/	/	<=30	Pass
		Inner 1RB Right	25.46	/	/	26.96	/	/	<=30	Pass
	3750	Edge 1RB Left	21.98	/	/	23.48	/	/	<=30	Pass
		Edge 1RB Right	22.01	/	/	23.51	/	/	<=30	Pass
		Outer Full	24.89	/	/	26.39	/	/	<=30	Pass
		Inner Full	25.35	/	/	26.85	/	/	<=30	Pass
		Inner 1RB Left	25.28	/	/	26.78	/	/	<=30	Pass
		Inner 1RB Right	25.35	/	/	26.85	/	/	<=30	Pass
	3759.99	Edge 1RB Left	21.98	/	/	23.48	/	/	<=30	Pass
		Edge 1RB Right	21.93	/	/	23.43	/	/	<=30	Pass
		Outer Full	24.90	/	/	26.40	/	/	<=30	Pass
		Inner Full	25.42	/	/	26.92	/	/	<=30	Pass
		Inner 1RB Left	25.29	/	/	26.79	/	/	<=30	Pass
		Inner 1RB Right	25.23	/	/	26.73	/	/	<=30	Pass
DFT-s-OFDM QPSK	3740.01	Edge 1RB Left	22.31	/	/	23.81	/	/	<=30	Pass
		Edge 1RB Right	22.51	/	/	24.01	/	/	<=30	Pass
		Outer Full	24.84	/	/	26.34	/	/	<=30	Pass
		Inner Full	25.26	/	/	26.76	/	/	<=30	Pass
		Inner 1RB Left	25.14	/	/	26.64	/	/	<=30	Pass
		Inner 1RB Right	25.38	/	/	26.88	/	/	<=30	Pass
	3750	Edge 1RB Left	22.41	/	/	23.91	/	/	<=30	Pass
		Edge 1RB Right	22.46	/	/	23.96	/	/	<=30	Pass
		Outer Full	24.91	/	/	26.41	/	/	<=30	Pass
		Inner Full	25.30	/	/	26.80	/	/	<=30	Pass
		Inner 1RB Left	25.23	/	/	26.73	/	/	<=30	Pass
		Inner 1RB Right	25.29	/	/	26.79	/	/	<=30	Pass
	3759.99	Edge 1RB Left	22.43	/	/	23.93	/	/	<=30	Pass
		Edge 1RB Right	22.34	/	/	23.84	/	/	<=30	Pass
		Outer Full	24.95	/	/	26.45	/	/	<=30	Pass
		Inner Full	25.40	/	/	26.90	/	/	<=30	Pass
		Inner 1RB Left	25.25	/	/	26.75	/	/	<=30	Pass
		Inner 1RB Right	25.22	/	/	26.72	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3740.01	Edge 1RB Left	22.14	/	/	23.64	/	/	<=30	Pass
		Edge 1RB Right	22.34	/	/	23.84	/	/	<=30	Pass
		Outer Full	24.31	/	/	25.81	/	/	<=30	Pass
		Inner Full	24.79	/	/	26.29	/	/	<=30	Pass
		Inner 1RB Left	24.46	/	/	25.96	/	/	<=30	Pass
		Inner 1RB Right	24.77	/	/	26.27	/	/	<=30	Pass
	3750	Edge 1RB Left	22.20	/	/	23.70	/	/	<=30	Pass
		Edge 1RB Right	22.24	/	/	23.74	/	/	<=30	Pass
		Outer Full	24.32	/	/	25.82	/	/	<=30	Pass

		Inner_Full	24.81	/	/	26.31	/	/	<=30	Pass
		Inner_1RB_Left	24.56	/	/	26.06	/	/	<=30	Pass
		Inner_1RB_Right	24.61	/	/	26.11	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.20	/	/	23.70	/	/	<=30	Pass
		Edge_1RB_Right	22.12	/	/	23.62	/	/	<=30	Pass
		Outer_Full	24.31	/	/	25.81	/	/	<=30	Pass
		Inner_Full	24.92	/	/	26.42	/	/	<=30	Pass
		Inner_1RB_Left	24.54	/	/	26.04	/	/	<=30	Pass
		Inner_1RB_Right	24.57	/	/	26.07	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3740.01	Edge_1RB_Left	22.56	/	/	24.06	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	24.26	/	/	<=30	Pass
		Outer_Full	23.40	/	/	24.90	/	/	<=30	Pass
		Inner_Full	23.31	/	/	24.81	/	/	<=30	Pass
		Inner_1RB_Left	23.60	/	/	25.10	/	/	<=30	Pass
		Inner_1RB_Right	23.73	/	/	25.23	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.66	/	/	24.16	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	24.16	/	/	<=30	Pass
		Outer_Full	23.36	/	/	24.86	/	/	<=30	Pass
		Inner_Full	23.36	/	/	24.86	/	/	<=30	Pass
		Inner_1RB_Left	23.76	/	/	25.26	/	/	<=30	Pass
		Inner_1RB_Right	23.66	/	/	25.16	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.70	/	/	24.20	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	24.10	/	/	<=30	Pass
		Outer_Full	23.41	/	/	24.91	/	/	<=30	Pass
		Inner_Full	23.50	/	/	25.00	/	/	<=30	Pass
		Inner_1RB_Left	23.67	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Right	23.57	/	/	25.07	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3740.01	Edge_1RB_Left	20.83	/	/	22.33	/	/	<=30	Pass
		Edge_1RB_Right	21.12	/	/	22.62	/	/	<=30	Pass
		Outer_Full	21.07	/	/	22.57	/	/	<=30	Pass
		Inner_Full	20.95	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Left	20.81	/	/	22.31	/	/	<=30	Pass
		Inner_1RB_Right	21.13	/	/	22.63	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.98	/	/	22.48	/	/	<=30	Pass
		Edge_1RB_Right	21.01	/	/	22.51	/	/	<=30	Pass
		Outer_Full	21.06	/	/	22.56	/	/	<=30	Pass
		Inner_Full	20.99	/	/	22.49	/	/	<=30	Pass
		Inner_1RB_Left	20.93	/	/	22.43	/	/	<=30	Pass
		Inner_1RB_Right	21.02	/	/	22.52	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	20.97	/	/	22.47	/	/	<=30	Pass
		Edge_1RB_Right	20.91	/	/	22.41	/	/	<=30	Pass
		Outer_Full	21.05	/	/	22.55	/	/	<=30	Pass
		Inner_Full	21.12	/	/	22.62	/	/	<=30	Pass
		Inner_1RB_Left	20.97	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Right	20.91	/	/	22.41	/	/	<=30	Pass
CP-OFDM QPSK	3740.01	Edge_1RB_Left	22.61	/	/	24.11	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	24.29	/	/	<=30	Pass
		Outer_Full	22.93	/	/	24.43	/	/	<=30	Pass
		Inner_Full	24.23	/	/	25.73	/	/	<=30	Pass
		Inner_1RB_Left	24.32	/	/	25.82	/	/	<=30	Pass
		Inner_1RB_Right	24.43	/	/	25.93	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.43	/	/	23.93	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	23.87	/	/	<=30	Pass
		Outer_Full	22.95	/	/	24.45	/	/	<=30	Pass
		Inner_Full	24.23	/	/	25.73	/	/	<=30	Pass
		Inner_1RB_Left	24.36	/	/	25.86	/	/	<=30	Pass
		Inner_1RB_Right	24.34	/	/	25.84	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.56	/	/	24.06	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	24.19	/	/	<=30	Pass

		Outer_Full	22.92	/	/	24.42	/	/	<=30	Pass
		Inner_Full	24.36	/	/	25.86	/	/	<=30	Pass
		Inner_1RB_Left	24.46	/	/	25.96	/	/	<=30	Pass
		Inner_1RB_Right	24.22	/	/	25.72	/	/	<=30	Pass
CP-OFDM 16 QAM	3740.01	Edge_1RB_Left	22.19	/	/	23.69	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	23.90	/	/	<=30	Pass
		Outer_Full	22.99	/	/	24.49	/	/	<=30	Pass
		Inner_Full	23.72	/	/	25.22	/	/	<=30	Pass
		Inner_1RB_Left	23.55	/	/	25.05	/	/	<=30	Pass
		Inner_1RB_Right	23.77	/	/	25.27	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.12	/	/	23.62	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	23.85	/	/	<=30	Pass
		Outer_Full	23.03	/	/	24.53	/	/	<=30	Pass
		Inner_Full	23.73	/	/	25.23	/	/	<=30	Pass
		Inner_1RB_Left	23.55	/	/	25.05	/	/	<=30	Pass
		Inner_1RB_Right	23.75	/	/	25.25	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.49	/	/	23.99	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	23.95	/	/	<=30	Pass
		Outer_Full	23.03	/	/	24.53	/	/	<=30	Pass
		Inner_Full	23.86	/	/	25.36	/	/	<=30	Pass
Inner_1RB_Left		23.76	/	/	25.26	/	/	<=30	Pass	
Inner_1RB_Right		23.66	/	/	25.16	/	/	<=30	Pass	
CP-OFDM 64 QAM	3740.01	Edge_1RB_Left	22.57	/	/	24.07	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	24.26	/	/	<=30	Pass
		Outer_Full	22.32	/	/	23.82	/	/	<=30	Pass
		Inner_Full	22.29	/	/	23.79	/	/	<=30	Pass
		Inner_1RB_Left	22.45	/	/	23.95	/	/	<=30	Pass
		Inner_1RB_Right	22.76	/	/	24.26	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.54	/	/	24.04	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	24.02	/	/	<=30	Pass
		Outer_Full	22.36	/	/	23.86	/	/	<=30	Pass
		Inner_Full	22.31	/	/	23.81	/	/	<=30	Pass
		Inner_1RB_Left	22.68	/	/	24.18	/	/	<=30	Pass
		Inner_1RB_Right	22.62	/	/	24.12	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.66	/	/	24.16	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	24.09	/	/	<=30	Pass
		Outer_Full	22.37	/	/	23.87	/	/	<=30	Pass
		Inner_Full	22.44	/	/	23.94	/	/	<=30	Pass
Inner_1RB_Left		22.61	/	/	24.11	/	/	<=30	Pass	
Inner_1RB_Right		22.62	/	/	24.12	/	/	<=30	Pass	
CP-OFDM 256 QAM	3740.01	Edge_1RB_Left	18.98	/	/	20.48	/	/	<=30	Pass
		Edge_1RB_Right	19.27	/	/	20.77	/	/	<=30	Pass
		Outer_Full	19.09	/	/	20.59	/	/	<=30	Pass
		Inner_Full	19.00	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Left	18.98	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Right	19.26	/	/	20.76	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.09	/	/	20.59	/	/	<=30	Pass
		Edge_1RB_Right	19.12	/	/	20.62	/	/	<=30	Pass
		Outer_Full	19.12	/	/	20.62	/	/	<=30	Pass
		Inner_Full	18.97	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Left	19.09	/	/	20.59	/	/	<=30	Pass
		Inner_1RB_Right	19.11	/	/	20.61	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	19.08	/	/	20.58	/	/	<=30	Pass
		Edge_1RB_Right	19.07	/	/	20.57	/	/	<=30	Pass
		Outer_Full	19.11	/	/	20.61	/	/	<=30	Pass
		Inner_Full	19.13	/	/	20.63	/	/	<=30	Pass
Inner_1RB_Left		19.10	/	/	20.60	/	/	<=30	Pass	
Inner_1RB_Right		19.07	/	/	20.57	/	/	<=30	Pass	
Note1: Antenna Gain: Ant11: 1.50dBi:										

Note2: EIRP=Conducted Power+Antenna Gain

1.1.11 30k_SISO_90MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3745.02	Edge_1RB_Left	21.81	/	/	23.31	/	/	<=30	Pass
		Edge_1RB_Right	21.99	/	/	23.49	/	/	<=30	Pass
		Outer_Full	24.82	/	/	26.32	/	/	<=30	Pass
		Inner_Full	25.29	/	/	26.79	/	/	<=30	Pass
		Inner_1RB_Left	25.16	/	/	26.66	/	/	<=30	Pass
		Inner_1RB_Right	25.31	/	/	26.81	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.83	/	/	23.33	/	/	<=30	Pass
		Edge_1RB_Right	21.90	/	/	23.40	/	/	<=30	Pass
		Outer_Full	24.97	/	/	26.47	/	/	<=30	Pass
		Inner_Full	25.35	/	/	26.85	/	/	<=30	Pass
		Inner_1RB_Left	25.21	/	/	26.71	/	/	<=30	Pass
		Inner_1RB_Right	25.25	/	/	26.75	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	21.98	/	/	23.48	/	/	<=30	Pass
		Edge_1RB_Right	21.91	/	/	23.41	/	/	<=30	Pass
		Outer_Full	24.92	/	/	26.42	/	/	<=30	Pass
		Inner_Full	25.50	/	/	27.00	/	/	<=30	Pass
		Inner_1RB_Left	25.33	/	/	26.83	/	/	<=30	Pass
DFT-s-OFDM QPSK	3745.02	Edge_1RB_Left	22.29	/	/	23.79	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	23.98	/	/	<=30	Pass
		Outer_Full	24.92	/	/	26.42	/	/	<=30	Pass
		Inner_Full	25.31	/	/	26.81	/	/	<=30	Pass
		Inner_1RB_Left	25.17	/	/	26.67	/	/	<=30	Pass
		Inner_1RB_Right	25.28	/	/	26.78	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.42	/	/	23.92	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	23.89	/	/	<=30	Pass
		Outer_Full	24.89	/	/	26.39	/	/	<=30	Pass
		Inner_Full	25.33	/	/	26.83	/	/	<=30	Pass
		Inner_1RB_Left	25.20	/	/	26.70	/	/	<=30	Pass
		Inner_1RB_Right	25.22	/	/	26.72	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	22.47	/	/	23.97	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	23.92	/	/	<=30	Pass
		Outer_Full	25.04	/	/	26.54	/	/	<=30	Pass
		Inner_Full	25.51	/	/	27.01	/	/	<=30	Pass
		Inner_1RB_Left	25.29	/	/	26.79	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3745.02	Inner_1RB_Right	25.20	/	/	26.70	/	/	<=30	Pass
		Edge_1RB_Left	22.11	/	/	23.61	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	23.87	/	/	<=30	Pass
		Outer_Full	24.34	/	/	25.84	/	/	<=30	Pass
		Inner_Full	24.77	/	/	26.27	/	/	<=30	Pass
		Inner_1RB_Left	24.48	/	/	25.98	/	/	<=30	Pass
	3750	Inner_1RB_Right	24.56	/	/	26.06	/	/	<=30	Pass
		Edge_1RB_Left	22.18	/	/	23.68	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	23.69	/	/	<=30	Pass
		Outer_Full	24.36	/	/	25.86	/	/	<=30	Pass
		Inner_Full	24.86	/	/	26.36	/	/	<=30	Pass
		Inner_1RB_Left	24.54	/	/	26.04	/	/	<=30	Pass
	3754.98	Inner_1RB_Right	24.57	/	/	26.07	/	/	<=30	Pass
		Edge_1RB_Left	22.25	/	/	23.75	/	/	<=30	Pass
		Edge_1RB_Right	22.18	/	/	23.68	/	/	<=30	Pass

		Outer_Full	24.41	/	/	25.91	/	/	<=30	Pass
		Inner_Full	24.99	/	/	26.49	/	/	<=30	Pass
		Inner_1RB_Left	24.60	/	/	26.10	/	/	<=30	Pass
		Inner_1RB_Right	24.55	/	/	26.05	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3745.02	Edge_1RB_Left	22.61	/	/	24.11	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	24.17	/	/	<=30	Pass
		Outer_Full	23.35	/	/	24.85	/	/	<=30	Pass
		Inner_Full	23.29	/	/	24.79	/	/	<=30	Pass
		Inner_1RB_Left	23.55	/	/	25.05	/	/	<=30	Pass
		Inner_1RB_Right	23.69	/	/	25.19	/	/	<=30	Pass
		Edge_1RB_Left	22.57	/	/	24.07	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	24.23	/	/	<=30	Pass
	3750	Outer_Full	23.42	/	/	24.92	/	/	<=30	Pass
		Inner_Full	23.33	/	/	24.83	/	/	<=30	Pass
		Inner_1RB_Left	23.64	/	/	25.14	/	/	<=30	Pass
		Inner_1RB_Right	23.60	/	/	25.10	/	/	<=30	Pass
		Edge_1RB_Left	22.71	/	/	24.21	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	24.27	/	/	<=30	Pass
	3754.98	Outer_Full	23.48	/	/	24.98	/	/	<=30	Pass
		Inner_Full	23.54	/	/	25.04	/	/	<=30	Pass
		Inner_1RB_Left	23.61	/	/	25.11	/	/	<=30	Pass
		Inner_1RB_Right	23.46	/	/	24.96	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3745.02	Edge_1RB_Left	20.84	/	/	22.34	/	/	<=30	Pass
		Edge_1RB_Right	20.98	/	/	22.48	/	/	<=30	Pass
		Outer_Full	21.09	/	/	22.59	/	/	<=30	Pass
		Inner_Full	20.99	/	/	22.49	/	/	<=30	Pass
		Inner_1RB_Left	20.84	/	/	22.34	/	/	<=30	Pass
		Inner_1RB_Right	21.01	/	/	22.51	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.88	/	/	22.38	/	/	<=30	Pass
		Edge_1RB_Right	20.93	/	/	22.43	/	/	<=30	Pass
		Outer_Full	21.12	/	/	22.62	/	/	<=30	Pass
		Inner_Full	21.07	/	/	22.57	/	/	<=30	Pass
		Inner_1RB_Left	20.87	/	/	22.37	/	/	<=30	Pass
		Inner_1RB_Right	20.90	/	/	22.40	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	21.01	/	/	22.51	/	/	<=30	Pass
		Edge_1RB_Right	20.92	/	/	22.42	/	/	<=30	Pass
		Outer_Full	21.17	/	/	22.67	/	/	<=30	Pass
		Inner_Full	21.19	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Left	20.97	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Right	20.94	/	/	22.44	/	/	<=30	Pass
CP-OFDM QPSK	3745.02	Edge_1RB_Left	22.34	/	/	23.84	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	24.15	/	/	<=30	Pass
		Outer_Full	22.87	/	/	24.37	/	/	<=30	Pass
		Inner_Full	24.19	/	/	25.69	/	/	<=30	Pass
		Inner_1RB_Left	24.28	/	/	25.78	/	/	<=30	Pass
		Inner_1RB_Right	24.27	/	/	25.77	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.33	/	/	23.83	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	23.72	/	/	<=30	Pass
		Outer_Full	22.93	/	/	24.43	/	/	<=30	Pass
		Inner_Full	24.30	/	/	25.80	/	/	<=30	Pass
		Inner_1RB_Left	24.26	/	/	25.76	/	/	<=30	Pass
		Inner_1RB_Right	24.42	/	/	25.92	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	22.79	/	/	24.29	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	23.92	/	/	<=30	Pass
		Outer_Full	22.97	/	/	24.47	/	/	<=30	Pass
		Inner_Full	24.45	/	/	25.95	/	/	<=30	Pass
		Inner_1RB_Left	24.28	/	/	25.78	/	/	<=30	Pass
		Inner_1RB_Right	24.33	/	/	25.83	/	/	<=30	Pass
CP-OFDM 16 QAM	3745.02	Edge_1RB_Left	22.14	/	/	23.64	/	/	<=30	Pass

		Edge 1RB Right	22.24	/	/	23.74	/	/	<=30	Pass
		Outer Full	23.02	/	/	24.52	/	/	<=30	Pass
		Inner Full	23.75	/	/	25.25	/	/	<=30	Pass
		Inner 1RB Left	23.56	/	/	25.06	/	/	<=30	Pass
		Inner 1RB Right	23.62	/	/	25.12	/	/	<=30	Pass
	3750	Edge 1RB Left	22.26	/	/	23.76	/	/	<=30	Pass
		Edge 1RB Right	22.28	/	/	23.78	/	/	<=30	Pass
		Outer Full	23.04	/	/	24.54	/	/	<=30	Pass
		Inner Full	23.81	/	/	25.31	/	/	<=30	Pass
		Inner 1RB Left	23.63	/	/	25.13	/	/	<=30	Pass
	3754.98	Inner 1RB Right	23.81	/	/	25.31	/	/	<=30	Pass
		Edge 1RB Left	22.25	/	/	23.75	/	/	<=30	Pass
		Edge 1RB Right	22.27	/	/	23.77	/	/	<=30	Pass
		Outer Full	23.07	/	/	24.57	/	/	<=30	Pass
		Inner Full	23.97	/	/	25.47	/	/	<=30	Pass
CP-OFDM 64 QAM	3745.02	Inner 1RB Left	23.62	/	/	25.12	/	/	<=30	Pass
		Inner 1RB Right	23.60	/	/	25.10	/	/	<=30	Pass
		Edge 1RB Left	22.45	/	/	23.95	/	/	<=30	Pass
		Edge 1RB Right	22.70	/	/	24.20	/	/	<=30	Pass
		Outer Full	22.36	/	/	23.86	/	/	<=30	Pass
	3750	Inner Full	22.34	/	/	23.84	/	/	<=30	Pass
		Inner 1RB Left	22.59	/	/	24.09	/	/	<=30	Pass
		Inner 1RB Right	22.60	/	/	24.10	/	/	<=30	Pass
		Edge 1RB Left	22.63	/	/	24.13	/	/	<=30	Pass
		Edge 1RB Right	22.74	/	/	24.24	/	/	<=30	Pass
	3754.98	Outer Full	22.37	/	/	23.87	/	/	<=30	Pass
		Inner Full	22.42	/	/	23.92	/	/	<=30	Pass
		Inner 1RB Left	22.66	/	/	24.16	/	/	<=30	Pass
		Inner 1RB Right	22.50	/	/	24.00	/	/	<=30	Pass
		Edge 1RB Left	22.79	/	/	24.29	/	/	<=30	Pass
CP-OFDM 256 QAM	3745.02	Edge 1RB Right	22.52	/	/	24.02	/	/	<=30	Pass
		Outer Full	22.44	/	/	23.94	/	/	<=30	Pass
		Inner Full	22.50	/	/	24.00	/	/	<=30	Pass
		Inner 1RB Left	22.65	/	/	24.15	/	/	<=30	Pass
		Inner 1RB Right	22.56	/	/	24.06	/	/	<=30	Pass
	3750	Edge 1RB Left	19.00	/	/	20.50	/	/	<=30	Pass
		Edge 1RB Right	19.15	/	/	20.65	/	/	<=30	Pass
		Outer Full	19.10	/	/	20.60	/	/	<=30	Pass
		Inner Full	18.98	/	/	20.48	/	/	<=30	Pass
		Inner 1RB Left	18.97	/	/	20.47	/	/	<=30	Pass
	3754.98	Inner 1RB Right	19.08	/	/	20.58	/	/	<=30	Pass
		Edge 1RB Left	19.01	/	/	20.51	/	/	<=30	Pass
		Edge 1RB Right	19.10	/	/	20.60	/	/	<=30	Pass
		Outer Full	19.11	/	/	20.61	/	/	<=30	Pass
		Inner Full	19.05	/	/	20.55	/	/	<=30	Pass
	3750	Inner 1RB Left	19.02	/	/	20.52	/	/	<=30	Pass
		Inner 1RB Right	19.05	/	/	20.55	/	/	<=30	Pass
		Edge 1RB Left	19.12	/	/	20.62	/	/	<=30	Pass
		Edge 1RB Right	19.09	/	/	20.59	/	/	<=30	Pass
		Outer Full	19.19	/	/	20.69	/	/	<=30	Pass
	3754.98	Inner Full	19.21	/	/	20.71	/	/	<=30	Pass
		Inner 1RB Left	19.10	/	/	20.60	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.12 30k_SISO_100MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 100MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Edge_1RB_Left	21.81	/	/	23.31	/	/	<=30	Pass
		Edge_1RB_Right	21.90	/	/	23.40	/	/	<=30	Pass
		Outer_Full	24.89	/	/	26.39	/	/	<=30	Pass
		Inner_Full	25.37	/	/	26.87	/	/	<=30	Pass
		Inner_1RB_Left	25.24	/	/	26.74	/	/	<=30	Pass
		Inner_1RB_Right	25.28	/	/	26.78	/	/	<=30	Pass
DFT-s-OFDM QPSK	3750	Edge_1RB_Left	22.37	/	/	23.87	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	23.93	/	/	<=30	Pass
		Outer_Full	24.87	/	/	26.37	/	/	<=30	Pass
		Inner_Full	25.32	/	/	26.82	/	/	<=30	Pass
		Inner_1RB_Left	25.19	/	/	26.69	/	/	<=30	Pass
		Inner_1RB_Right	25.25	/	/	26.75	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Edge_1RB_Left	22.30	/	/	23.80	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	23.78	/	/	<=30	Pass
		Outer_Full	24.33	/	/	25.83	/	/	<=30	Pass
		Inner_Full	24.81	/	/	26.31	/	/	<=30	Pass
		Inner_1RB_Left	24.45	/	/	25.95	/	/	<=30	Pass
		Inner_1RB_Right	24.46	/	/	25.96	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Edge_1RB_Left	22.63	/	/	24.13	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	24.06	/	/	<=30	Pass
		Outer_Full	23.34	/	/	24.84	/	/	<=30	Pass
		Inner_Full	23.44	/	/	24.94	/	/	<=30	Pass
		Inner_1RB_Left	23.56	/	/	25.06	/	/	<=30	Pass
		Inner_1RB_Right	23.63	/	/	25.13	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Edge_1RB_Left	20.81	/	/	22.31	/	/	<=30	Pass
		Edge_1RB_Right	20.85	/	/	22.35	/	/	<=30	Pass
		Outer_Full	21.05	/	/	22.55	/	/	<=30	Pass
		Inner_Full	21.02	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Left	20.83	/	/	22.33	/	/	<=30	Pass
		Inner_1RB_Right	20.86	/	/	22.36	/	/	<=30	Pass
CP-OFDM QPSK	3750	Edge_1RB_Left	22.24	/	/	23.74	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	23.77	/	/	<=30	Pass
		Outer_Full	22.95	/	/	24.45	/	/	<=30	Pass
		Inner_Full	24.25	/	/	25.75	/	/	<=30	Pass
		Inner_1RB_Left	24.32	/	/	25.82	/	/	<=30	Pass
		Inner_1RB_Right	24.20	/	/	25.70	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Edge_1RB_Left	22.04	/	/	23.54	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	23.95	/	/	<=30	Pass
		Outer_Full	23.00	/	/	24.50	/	/	<=30	Pass
		Inner_Full	23.81	/	/	25.31	/	/	<=30	Pass
		Inner_1RB_Left	23.53	/	/	25.03	/	/	<=30	Pass
		Inner_1RB_Right	23.50	/	/	25.00	/	/	<=30	Pass
CP-OFDM 64 QAM	3750	Edge_1RB_Left	22.43	/	/	23.93	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	23.98	/	/	<=30	Pass
		Outer_Full	22.36	/	/	23.86	/	/	<=30	Pass
		Inner_Full	22.36	/	/	23.86	/	/	<=30	Pass
		Inner_1RB_Left	22.50	/	/	24.00	/	/	<=30	Pass
		Inner_1RB_Right	22.57	/	/	24.07	/	/	<=30	Pass
CP-OFDM 256 QAM	3750	Edge_1RB_Left	18.95	/	/	20.45	/	/	<=30	Pass
		Edge_1RB_Right	19.02	/	/	20.52	/	/	<=30	Pass
		Outer_Full	19.08	/	/	20.58	/	/	<=30	Pass
		Inner_Full	19.04	/	/	20.54	/	/	<=30	Pass
		Inner_1RB_Left	18.96	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Right	19.03	/	/	20.53	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30k_SISO_100MHz

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	-11.40	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-10.90	-0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	-16.10	-0.0043	>=-2.5 & <=2.5	Pass
			-20	NV	-10.20	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-14.70	-0.0039	>=-2.5 & <=2.5	Pass
			0	NV	-12.50	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	-13.10	-0.0035	>=-2.5 & <=2.5	Pass
			20	NV	-13.80	-0.0037	>=-2.5 & <=2.5	Pass
			30	NV	-9.30	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-8.00	-0.0021	>=-2.5 & <=2.5	Pass
			50	NV	-10.60	-0.0028	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30k_SISO_10MHz_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	8.62	9.36	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	8.59	9.60	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	8.63	9.48	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	8.65	9.24	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	8.63	9.32	/	Pass
CP-OFDM QPSK	3750	Outer_Full	8.61	9.41	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	8.65	9.35	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	8.65	9.26	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	8.68	9.48	/	Pass

3.1.2 30k_SISO_15MHz_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	13.04	13.93	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	13.06	13.91	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	13.05	13.94	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	13.13	13.99	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	13.00	13.95	/	Pass
CP-OFDM QPSK	3750	Outer_Full	13.75	14.70	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	13.70	14.67	/	Pass

CP-OFDM 64 QAM	3750	Outer Full	13.68	14.72	/	Pass
CP-OFDM 256 QAM	3750	Outer Full	13.74	14.56	/	Pass

3.1.3 30k_SISO_20MHz_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	18.16	19.26	/	Pass
DFT-s-OFDM QPSK	3750	Outer Full	18.18	19.20	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer Full	18.05	19.25	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer Full	18.06	19.37	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer Full	18.14	19.36	/	Pass
CP-OFDM QPSK	3750	Outer Full	18.41	19.74	/	Pass
CP-OFDM 16 QAM	3750	Outer Full	18.36	19.64	/	Pass
CP-OFDM 64 QAM	3750	Outer Full	18.42	19.57	/	Pass
CP-OFDM 256 QAM	3750	Outer Full	18.40	19.57	/	Pass

3.1.4 30k_SISO_25MHz_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	23.17	24.48	/	Pass
DFT-s-OFDM QPSK	3750	Outer Full	23.21	24.73	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer Full	23.08	24.65	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer Full	23.11	24.76	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer Full	23.01	24.58	/	Pass
CP-OFDM QPSK	3750	Outer Full	23.36	24.92	/	Pass
CP-OFDM 16 QAM	3750	Outer Full	23.31	24.91	/	Pass
CP-OFDM 64 QAM	3750	Outer Full	23.34	24.96	/	Pass
CP-OFDM 256 QAM	3750	Outer Full	23.38	24.91	/	Pass

3.1.5 30k_SISO_30MHz_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	27.06	28.87	/	Pass
DFT-s-OFDM QPSK	3750	Outer Full	27.20	28.85	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer Full	26.97	29.06	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer Full	27.07	28.91	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer Full	27.02	28.97	/	Pass
CP-OFDM QPSK	3750	Outer Full	28.03	29.98	/	Pass
CP-OFDM 16 QAM	3750	Outer Full	27.96	29.86	/	Pass
CP-OFDM 64 QAM	3750	Outer Full	28.11	29.88	/	Pass
CP-OFDM 256 QAM	3750	Outer Full	27.72	29.84	/	Pass

3.1.6 30k_SISO_40MHz_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	36.07	38.38	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	34.82	36.20	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	36.04	38.62	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	36.13	38.39	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	36.07	38.40	/	Pass
CP-OFDM QPSK	3750	Outer_Full	37.93	40.18	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	37.90	40.69	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	37.95	40.55	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	37.45	40.43	/	Pass

3.1.7 30k_SISO_50MHz_NTNV

5G NR n78a SCS=30kHz SISO 50MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	46.24	49.15	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	46.19	49.09	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	45.95	48.96	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	45.86	49.33	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	46.01	49.13	/	Pass
CP-OFDM QPSK	3750	Outer_Full	47.60	50.94	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	47.79	50.76	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	47.66	50.90	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	47.95	50.85	/	Pass

3.1.8 30k_SISO_60MHz_NTNV

5G NR n78a SCS=30kHz SISO 60MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	57.97	62.12	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	58.16	62.19	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	58.17	62.27	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	58.09	62.03	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	58.12	61.90	/	Pass
CP-OFDM QPSK	3750	Outer_Full	58.06	61.97	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	58.17	61.75	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	58.12	61.98	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	58.44	61.85	/	Pass

3.1.9 30k_SISO_70MHz_NTNV

5G NR n78a SCS=30kHz SISO 70MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	64.98	69.27	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	64.75	69.42	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	65.17	69.00	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	65.28	69.04	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	64.78	69.36	/	Pass
CP-OFDM QPSK	3750	Outer_Full	68.16	72.64	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	67.93	72.16	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	68.07	72.17	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	67.90	72.31	/	Pass

3.1.10 30k_SISO_80MHz_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	77.87	82.57	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	77.53	82.69	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	77.67	82.81	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	77.38	82.36	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	77.57	82.22	/	Pass
CP-OFDM QPSK	3750	Outer_Full	78.17	82.98	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	77.85	83.00	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	78.06	83.05	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	77.94	83.15	/	Pass

3.1.11 30k_SISO_90MHz_NTNV

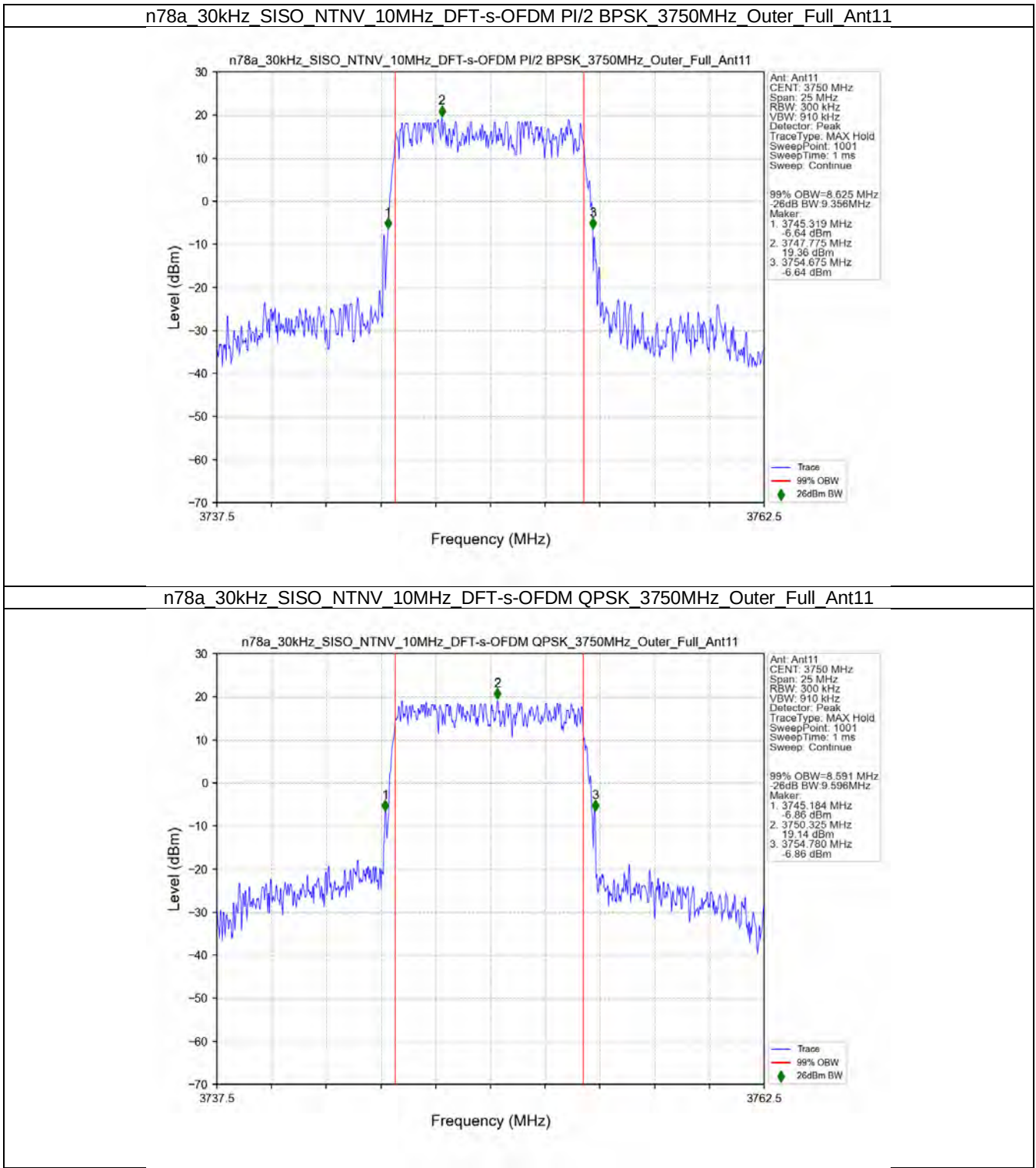
5G NR n78a SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	87.45	92.96	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	87.24	92.93	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	87.22	93.00	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	87.36	92.95	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	87.29	93.01	/	Pass
CP-OFDM QPSK	3750	Outer_Full	87.97	93.50	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	87.82	93.47	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	87.72	93.68	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	87.73	93.52	/	Pass

3.1.12 30k_SISO_100MHz_NTNV

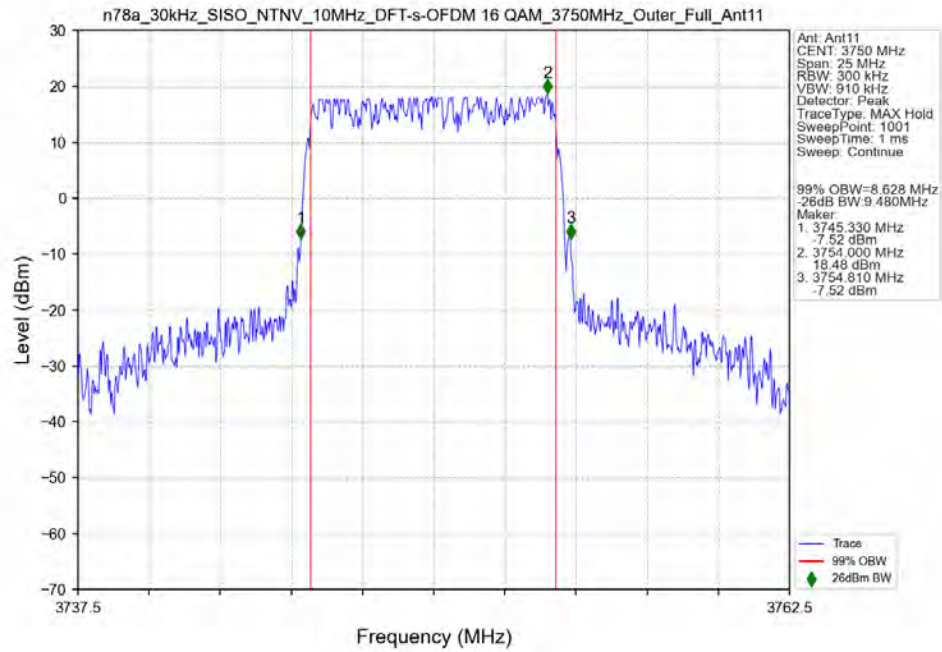
5G NR n78a SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	96.86	103.44	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	97.17	103.23	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	97.00	103.13	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	96.83	103.66	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	96.81	103.68	/	Pass
CP-OFDM QPSK	3750	Outer_Full	98.10	104.59	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	97.99	103.92	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	98.23	104.36	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	97.97	104.15	/	Pass

3.2 Test Graph

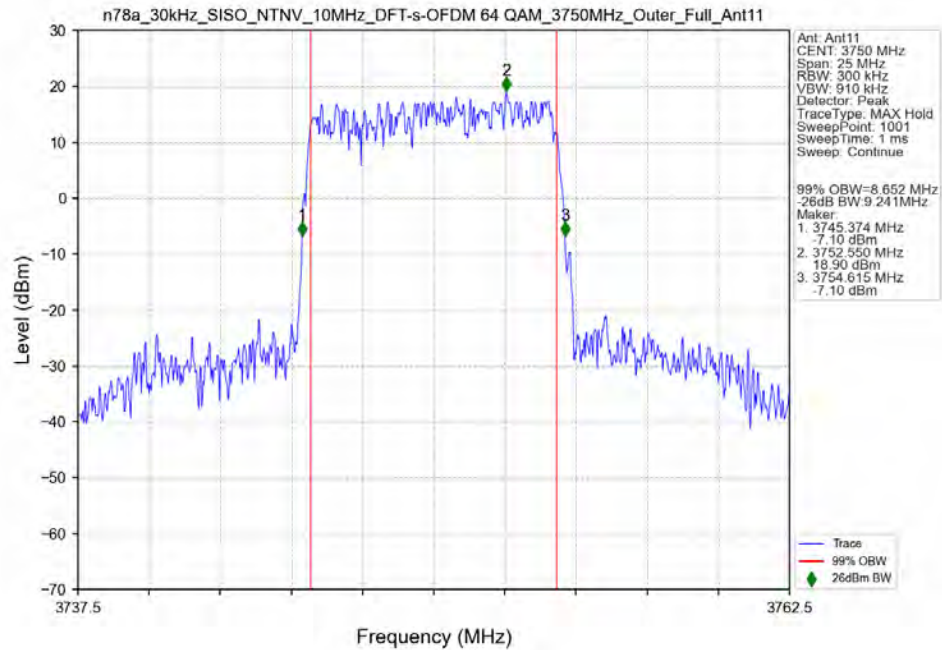
3.2.1 30k_SISO_10MHz_NTNV



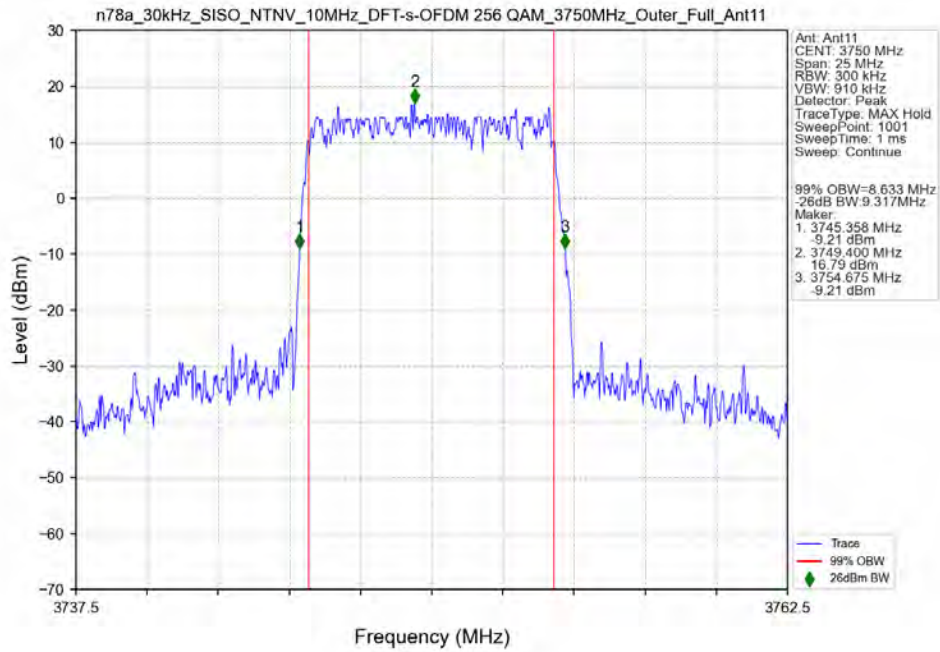
n78a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_3750MHz_Outer_Full_Ant11



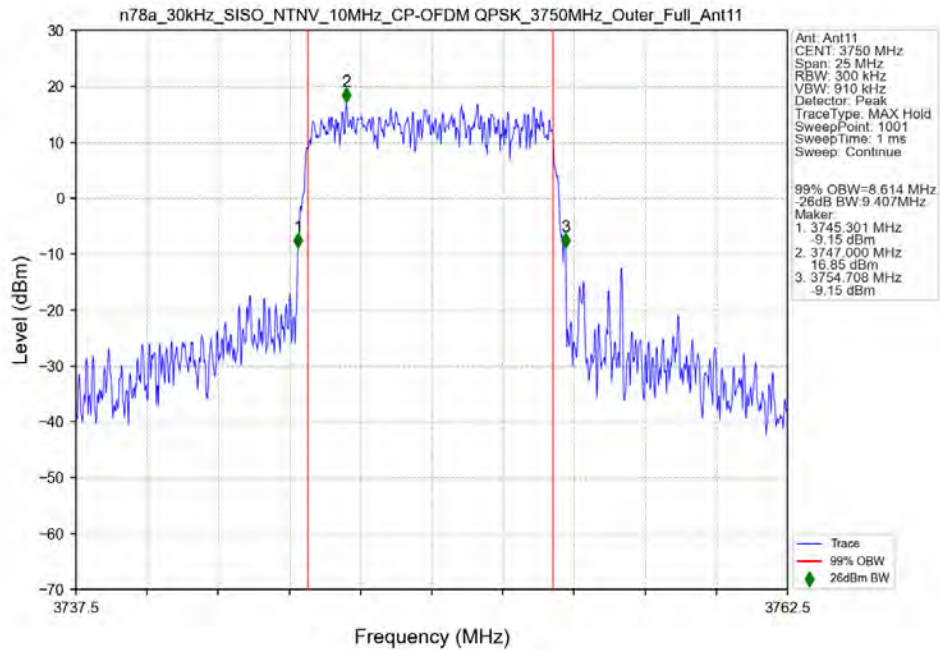
n78a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_3750MHz_Outer_Full_Ant11



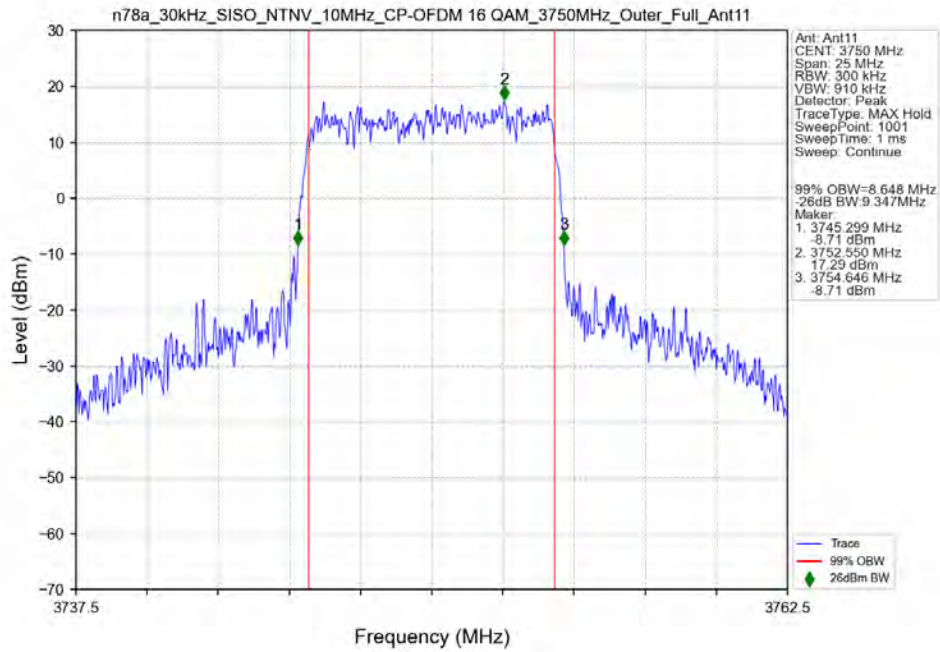
n78a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_3750MHz_Outer_Full_Ant11



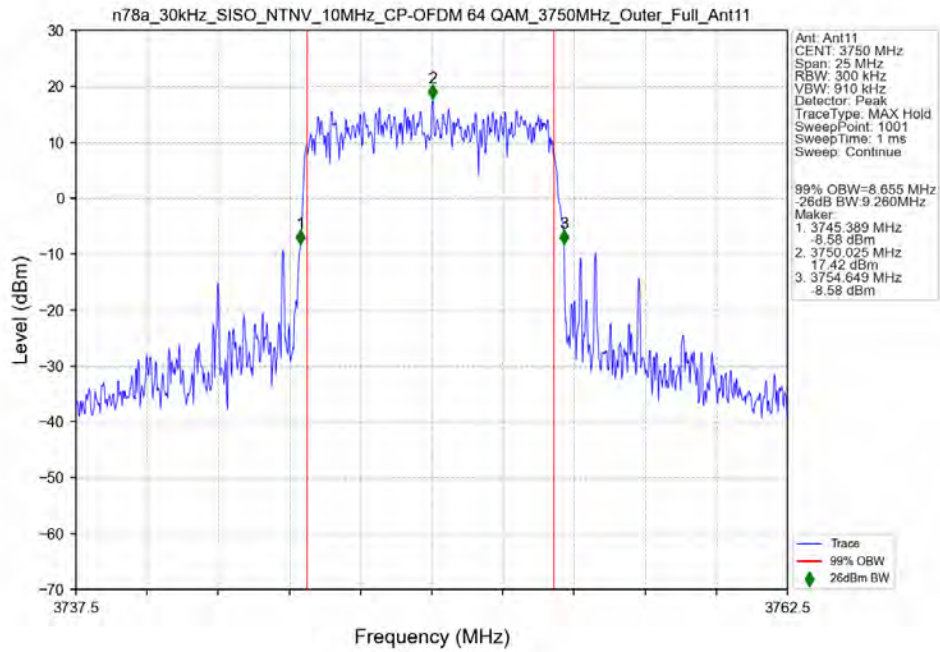
n78a_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3750MHz_Outer_Full_Ant11



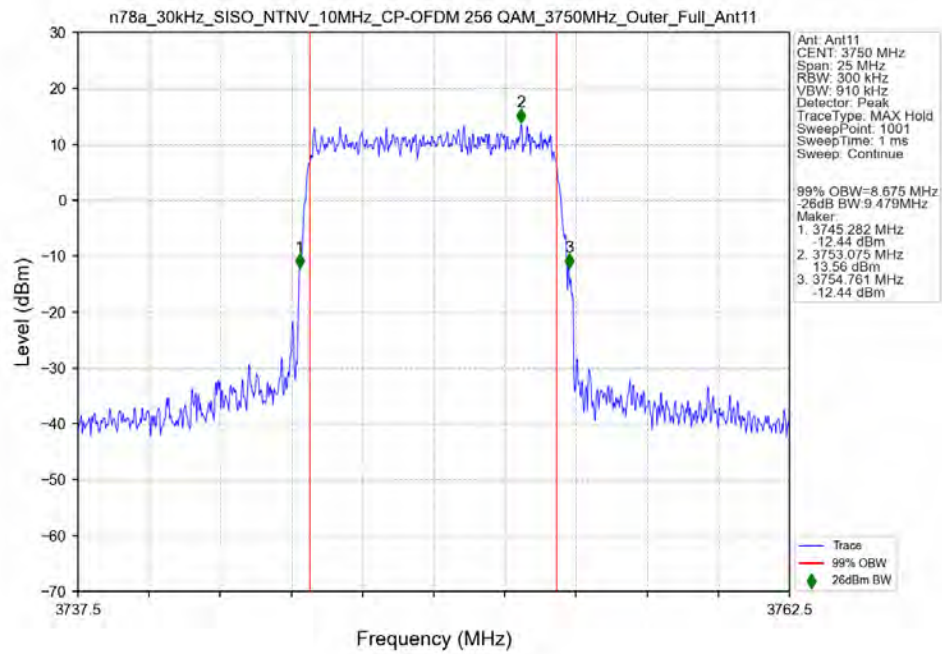
n78a_30kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 3750MHz Outer_Full_Ant11



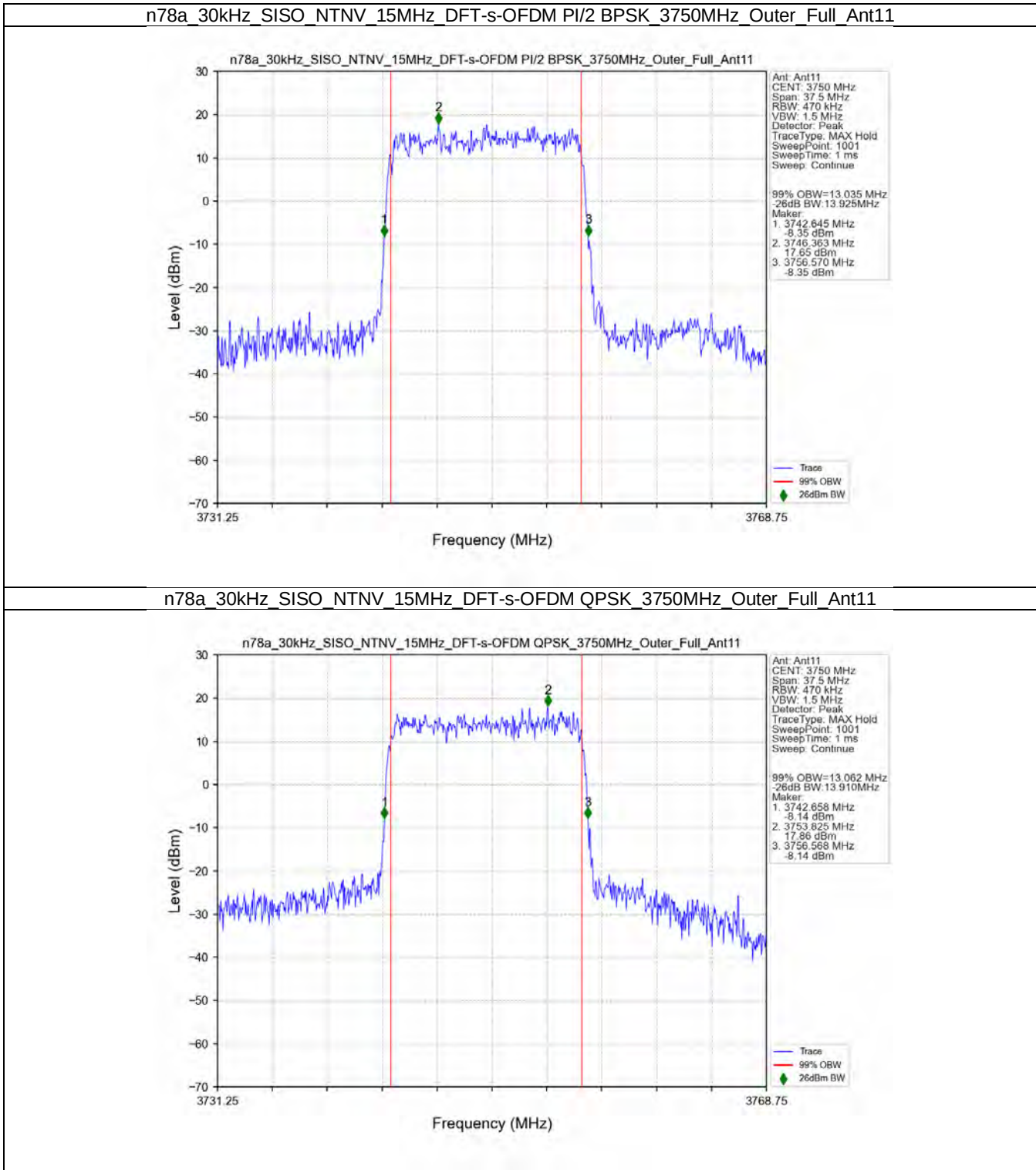
n78a_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 3750MHz Outer_Full_Ant11



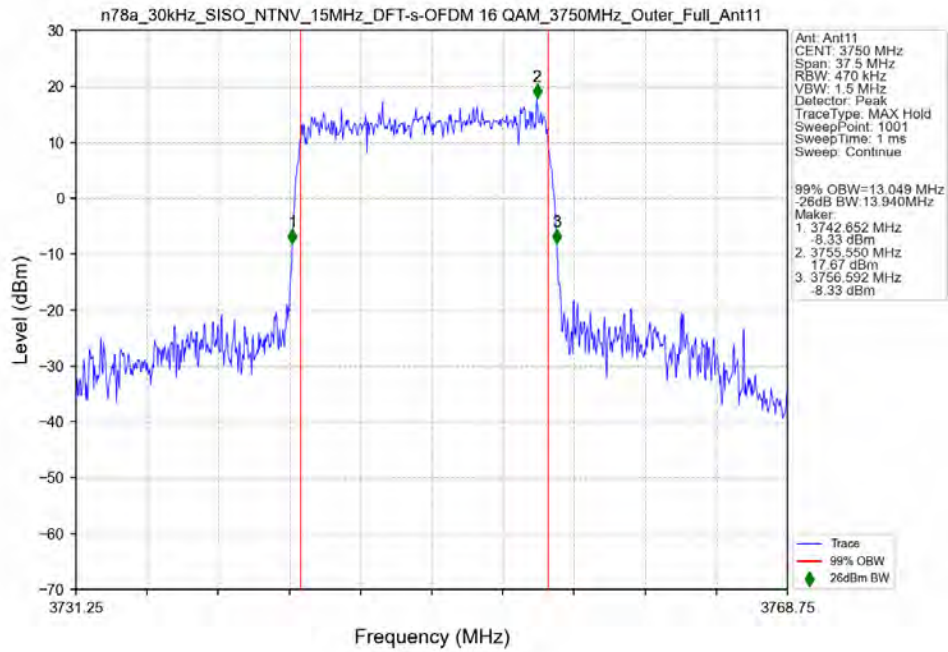
n78a_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant11



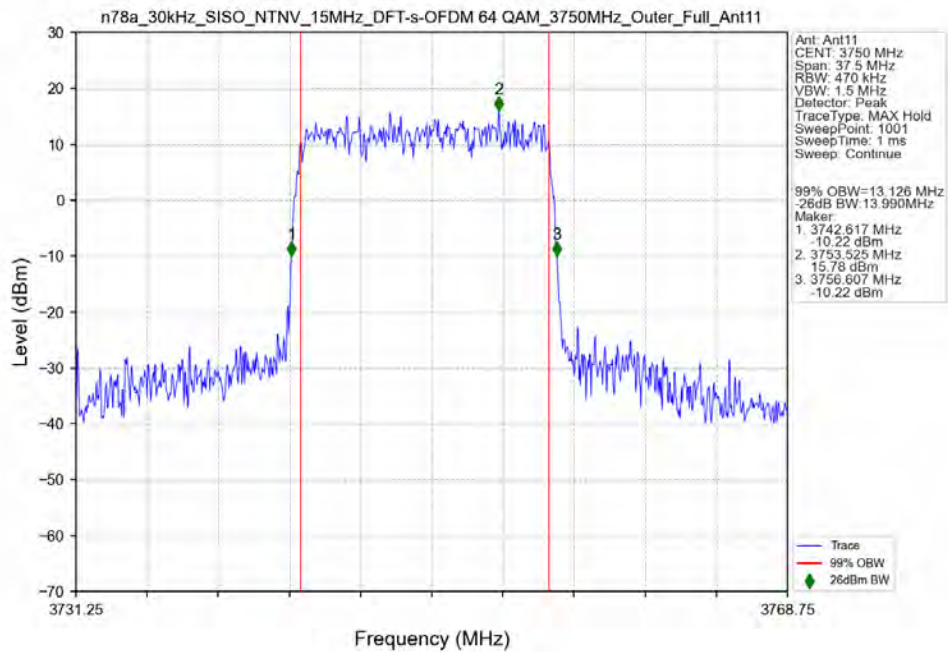
3.2.2 30k_SISO_15MHz_NTNV



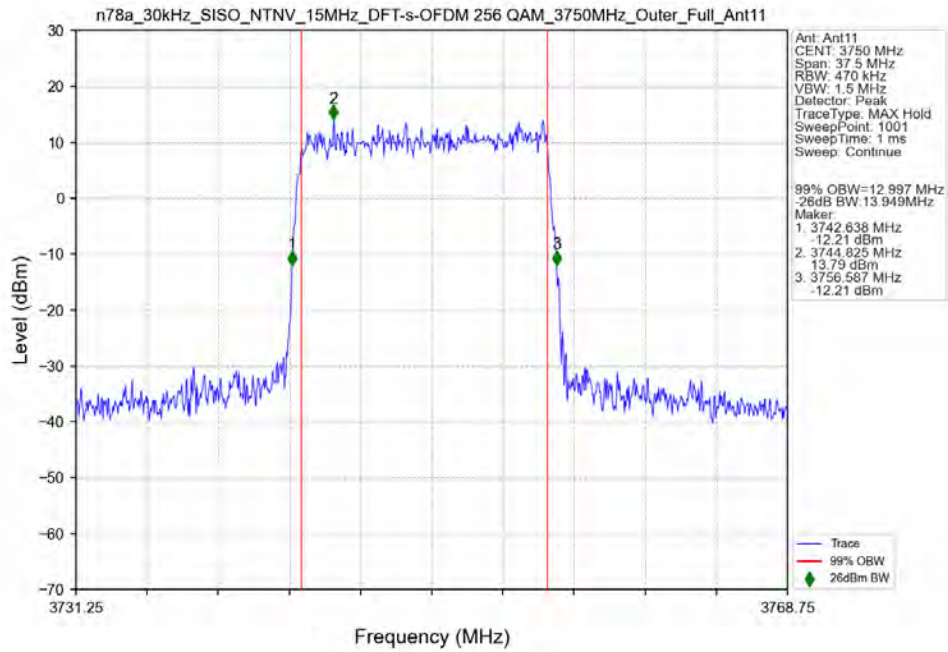
n78a_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_3750MHz_Outer_Full_Ant11



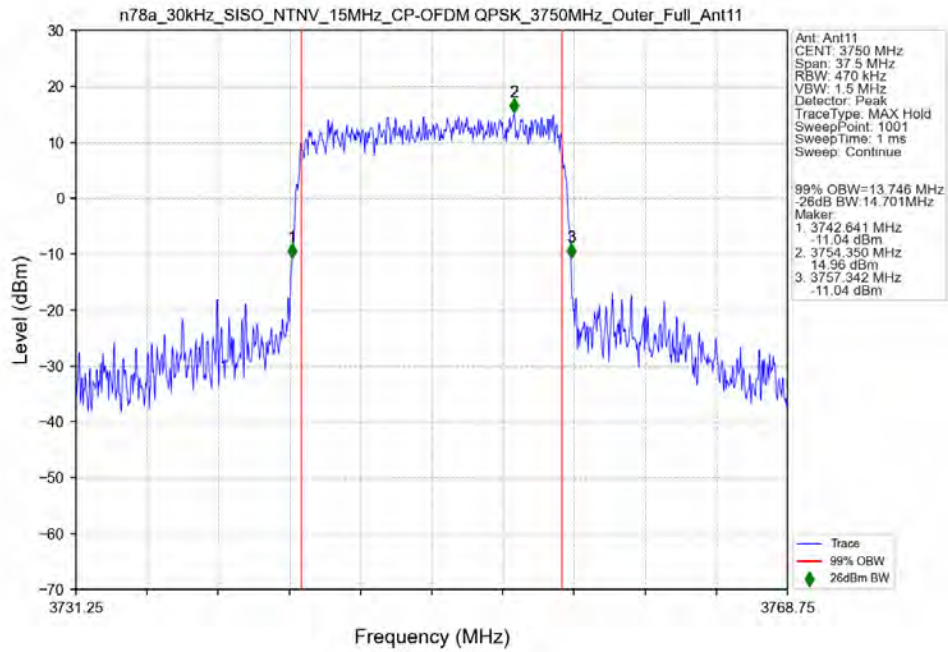
n78a_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_3750MHz_Outer_Full_Ant11



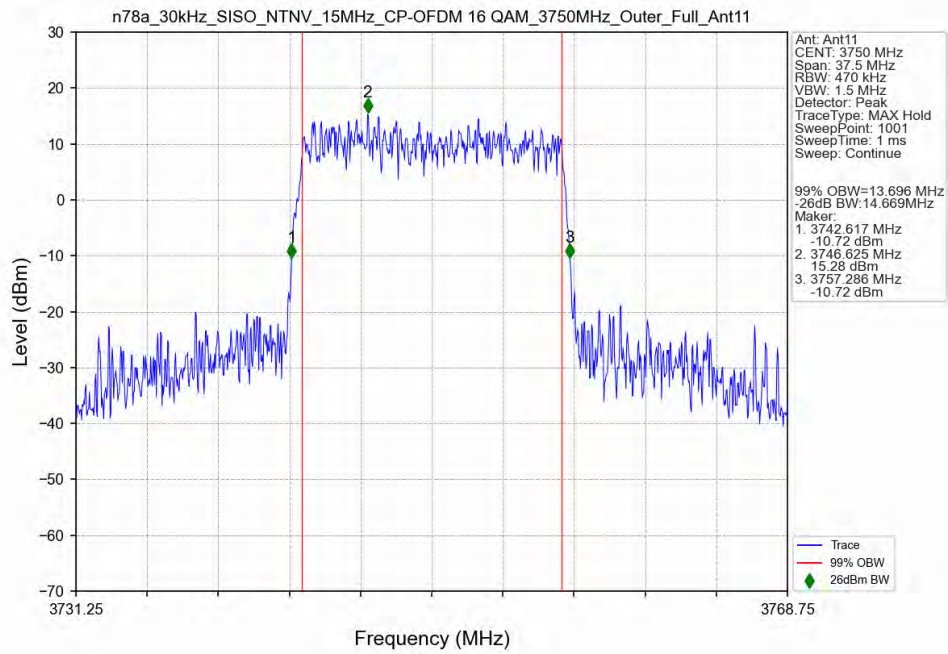
n78a_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_3750MHz_Outer_Full_Ant11



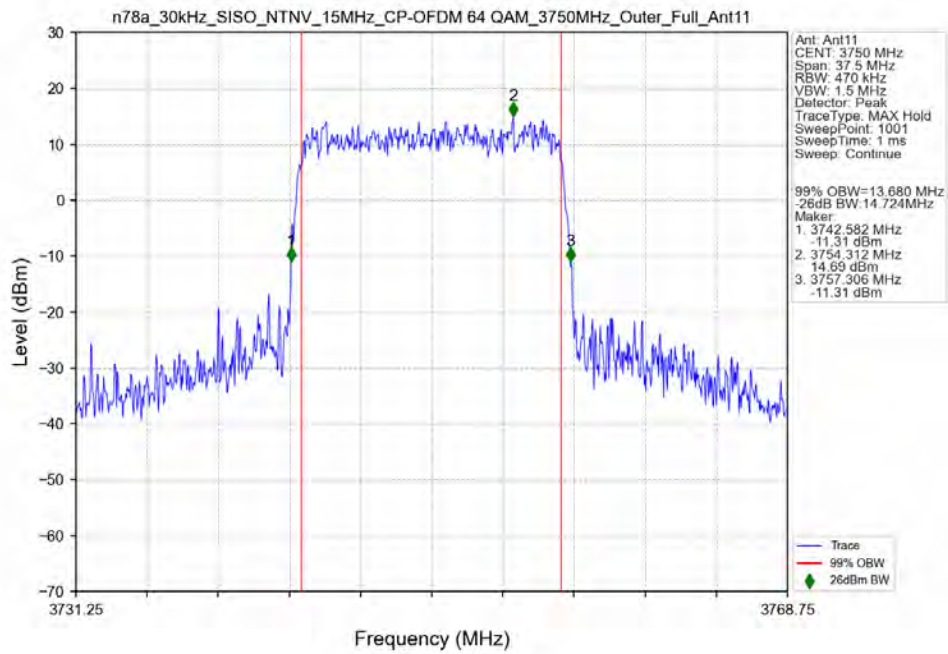
n78a_30kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_3750MHz_Outer_Full_Ant11



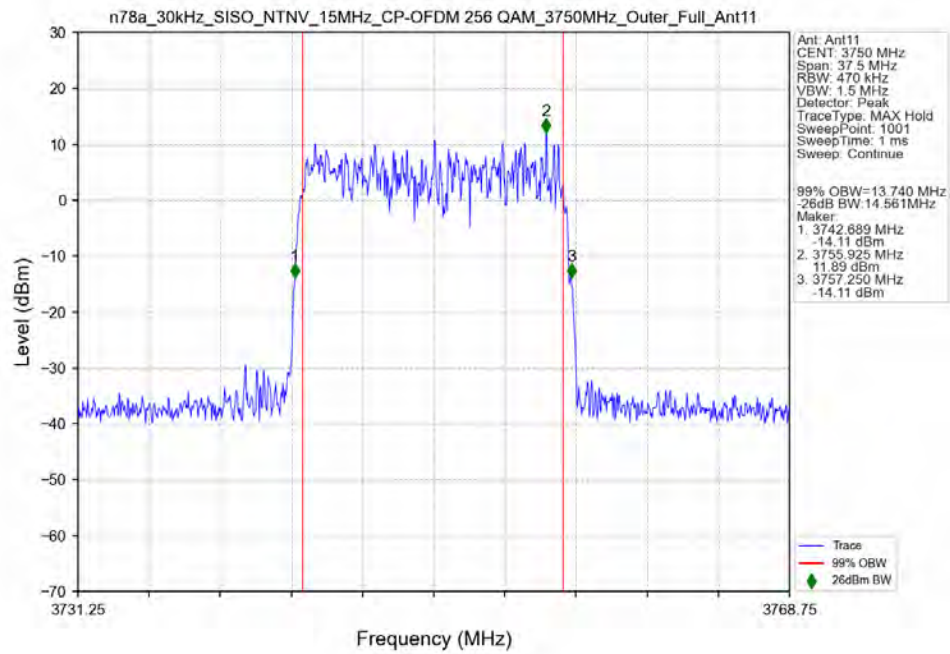
n78a_30kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 3750MHz Outer Full Ant11



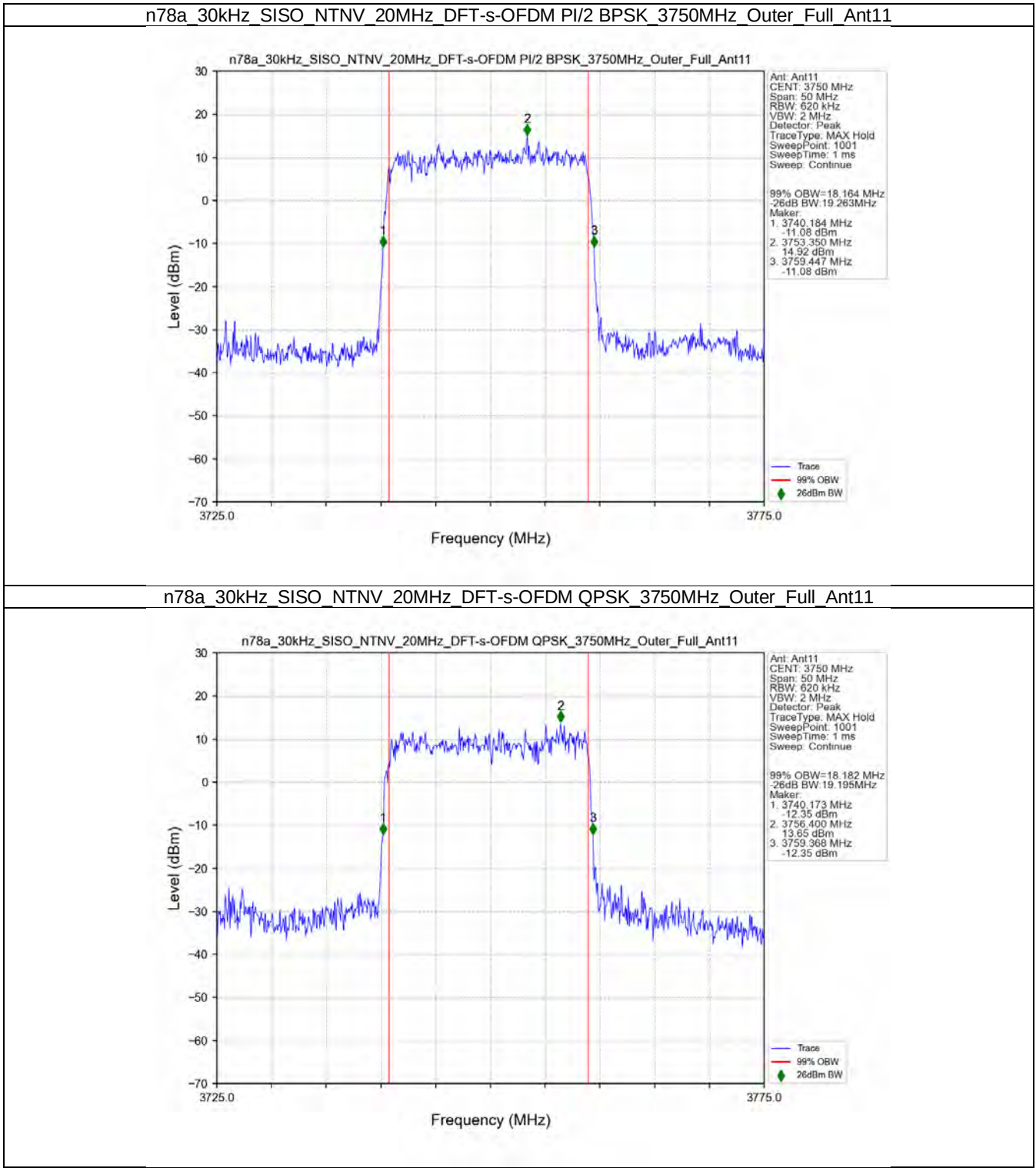
n78a_30kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 3750MHz_Outer_Full_Ant11



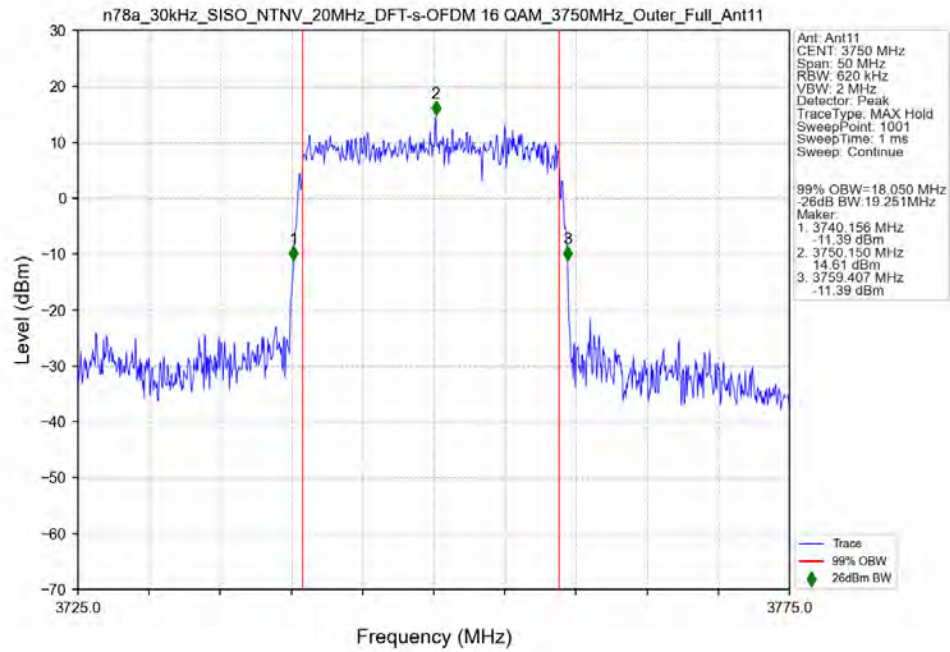
n78a_30kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant11



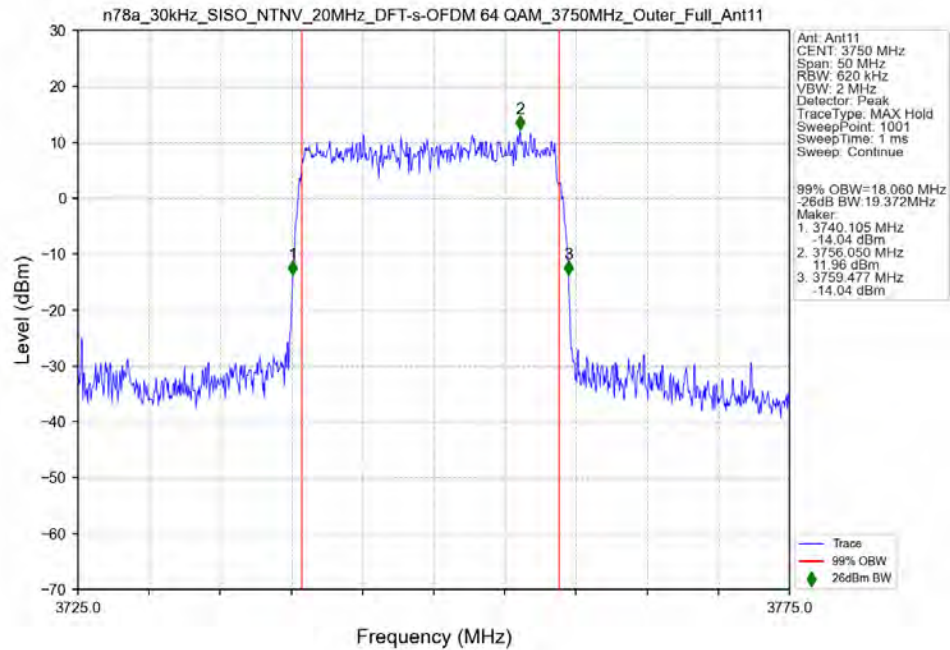
3.2.3 30k_SISO_20MHz_NTNV



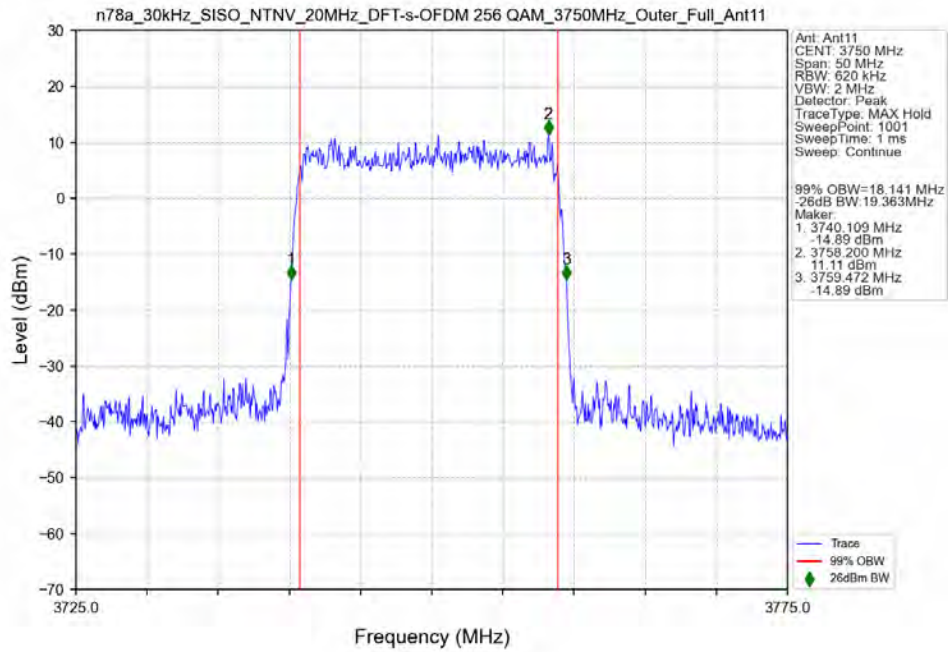
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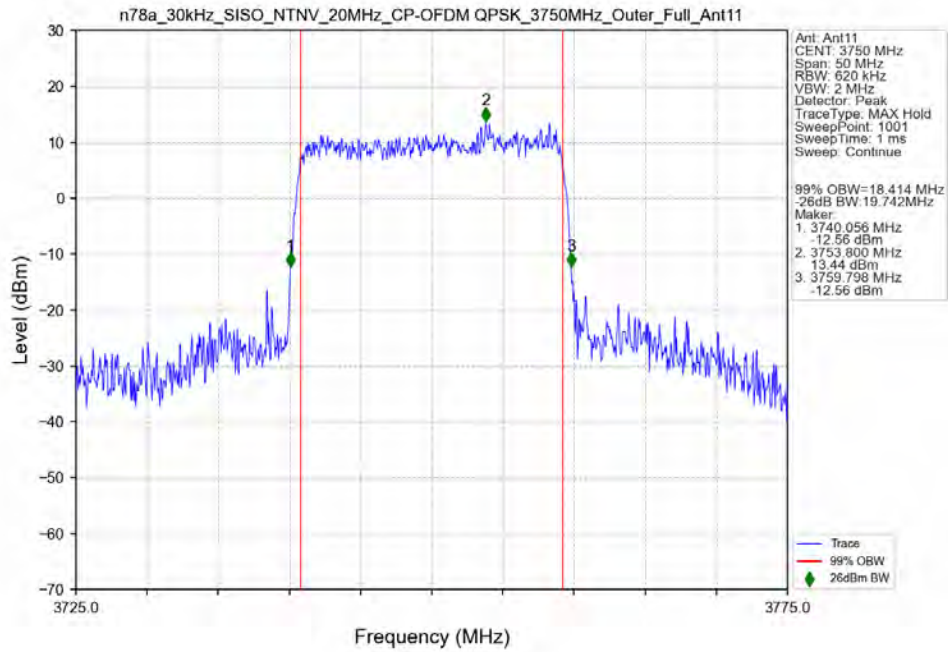
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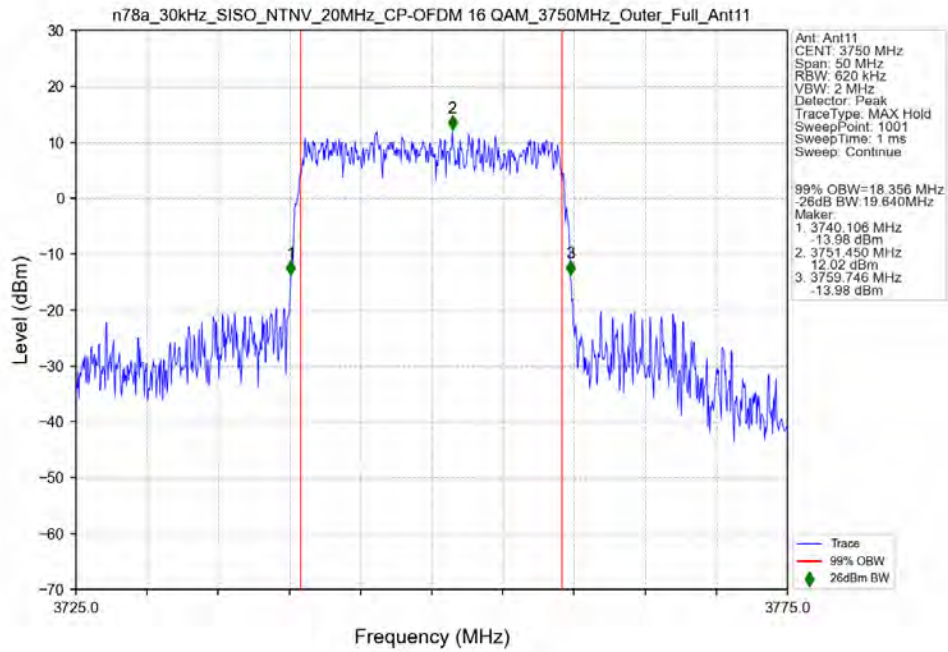
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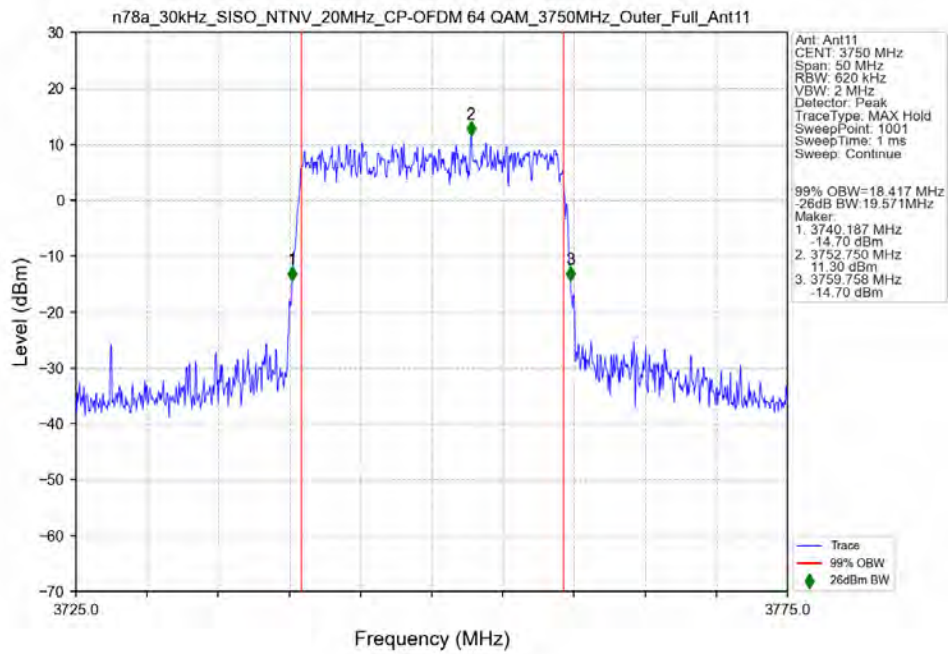
n78a_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3750MHz_Outer_Full_Ant11



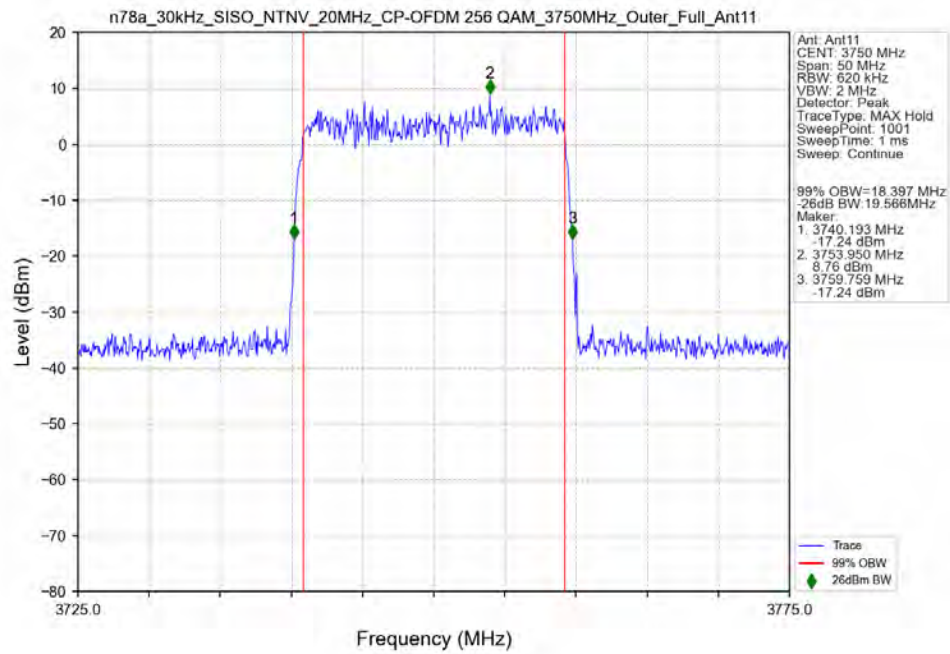
n78a_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 3750MHz_Outer_Full_Ant11



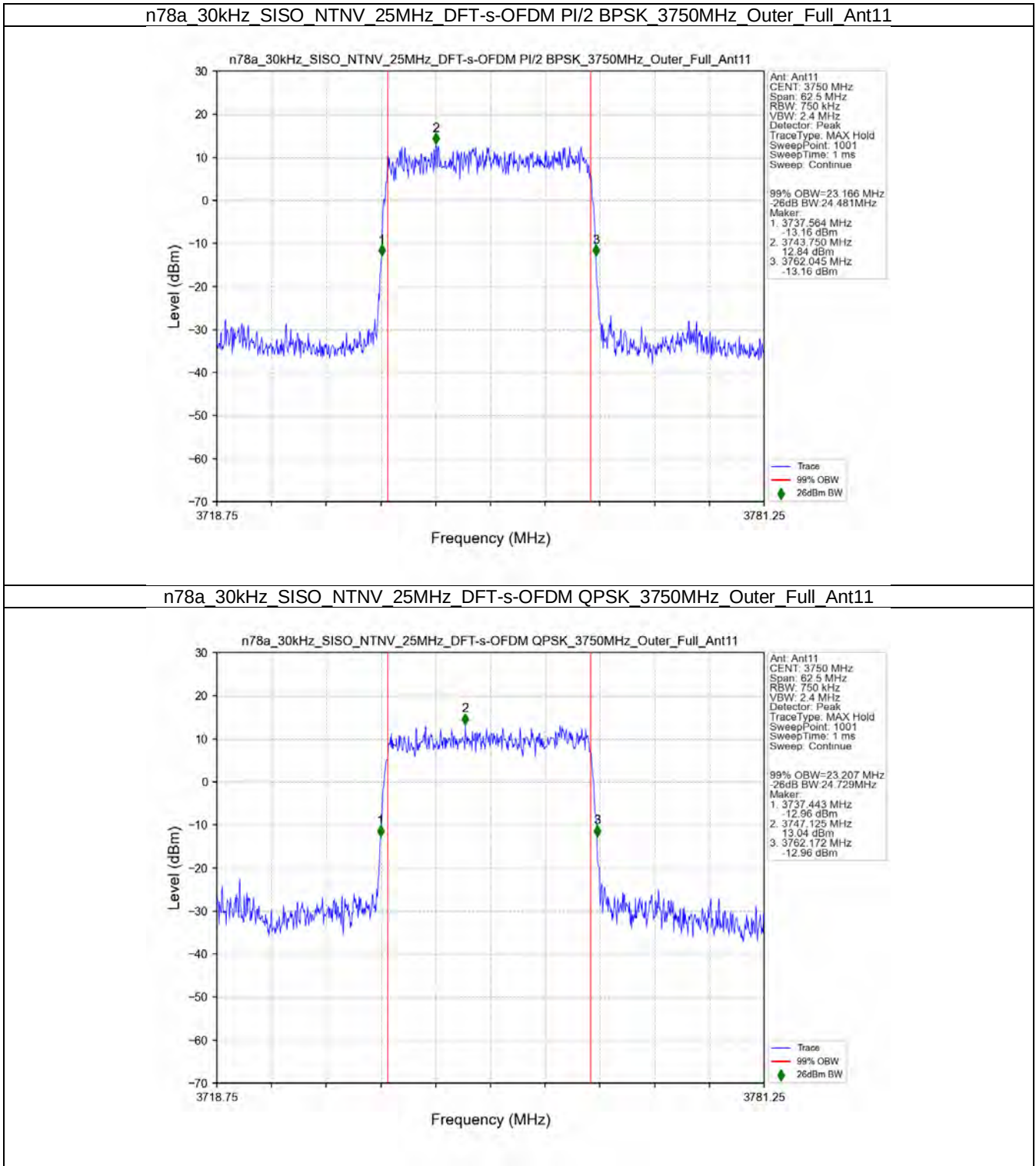
n78a_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 3750MHz_Outer_Full_Ant11



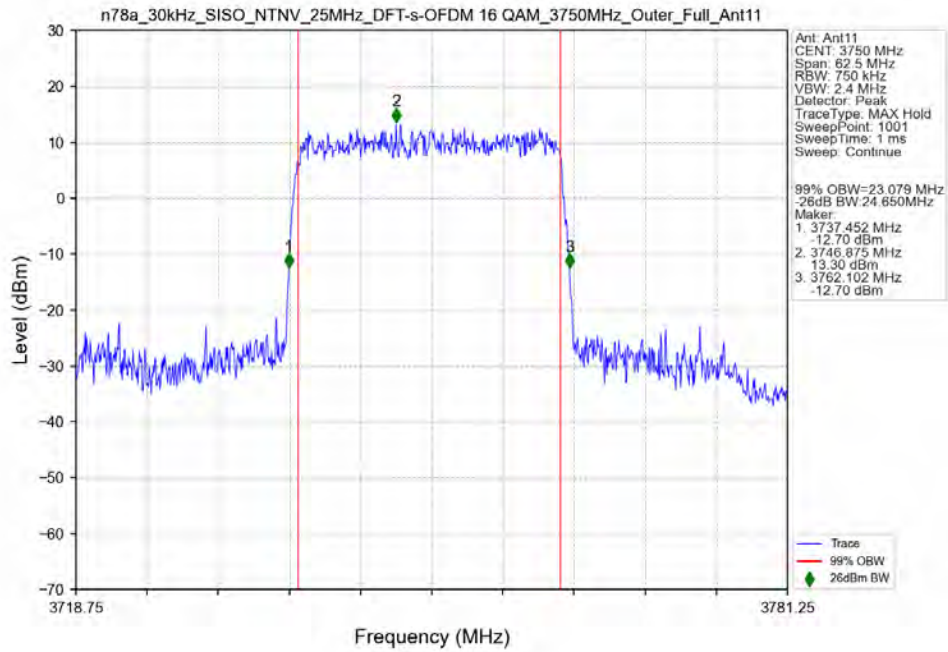
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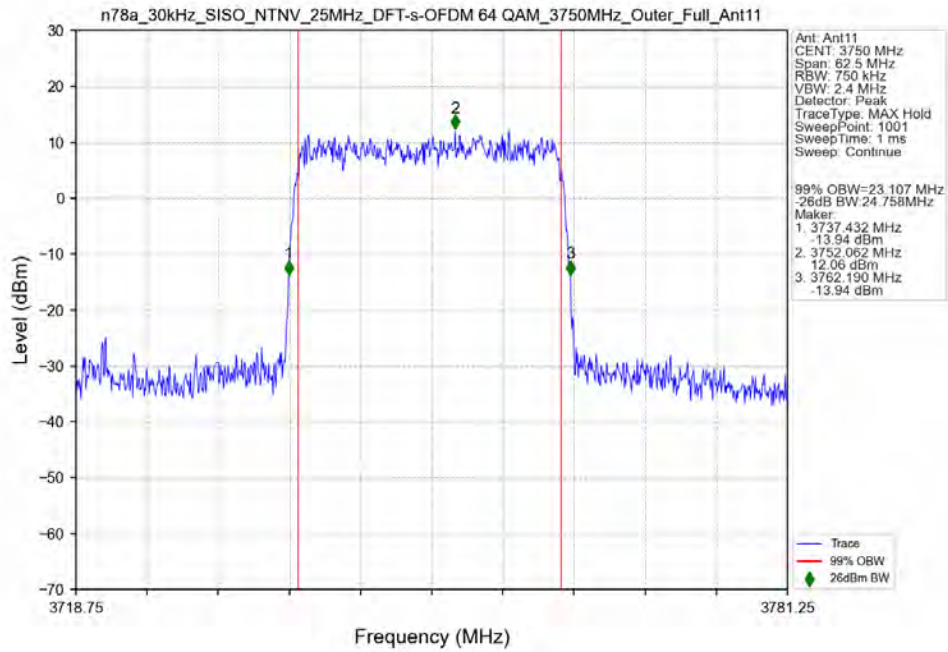
3.2.4 30k_SISO_25MHz_NTNV



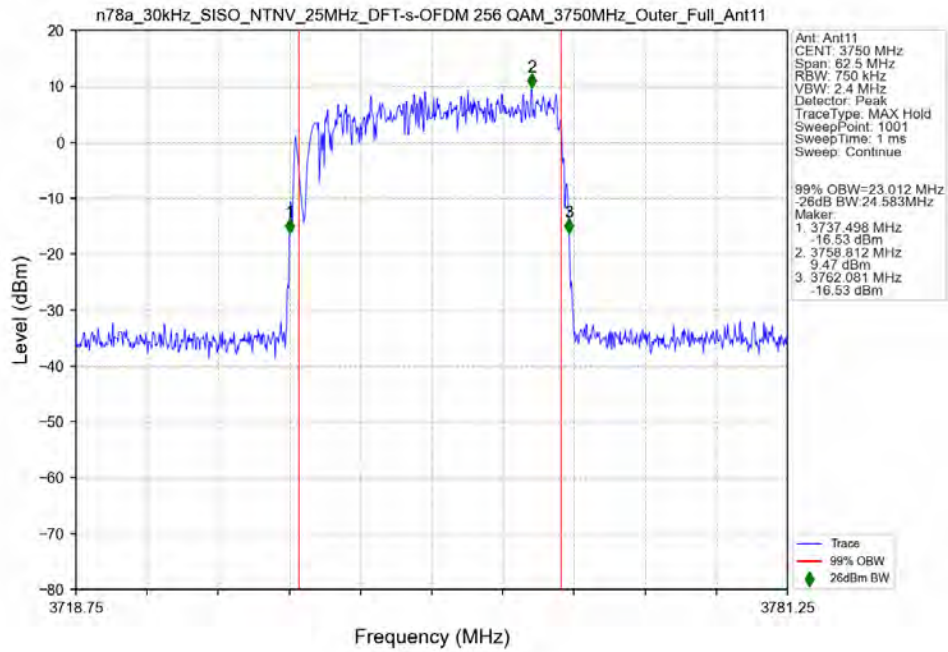
n78a 30kHz SISO NTN 25MHz DFT-s-OFDM 16 QAM 3750MHz Outer Full Ant11



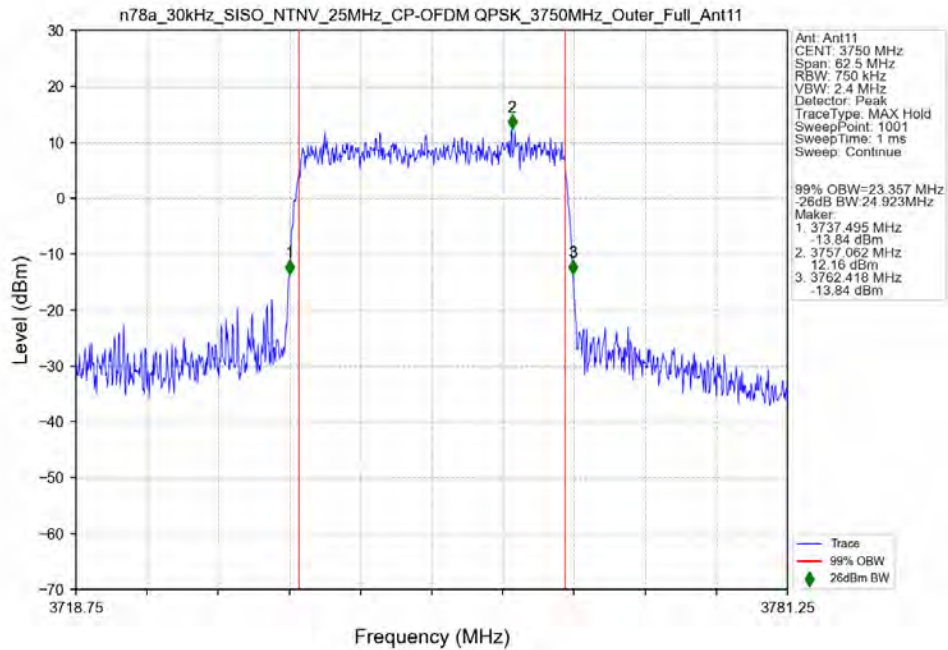
n78a 30kHz SISO NTN 25MHz DFT-s-OFDM 64 QAM 3750MHz Outer Full Ant11



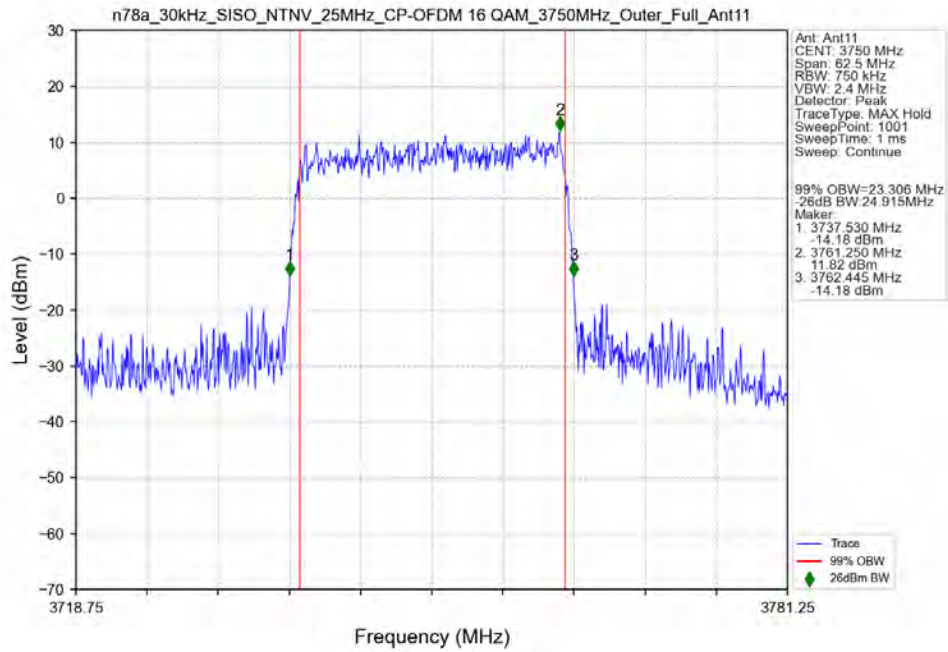
n78a_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_256_QAM_3750MHz_Outer_Full_Ant11



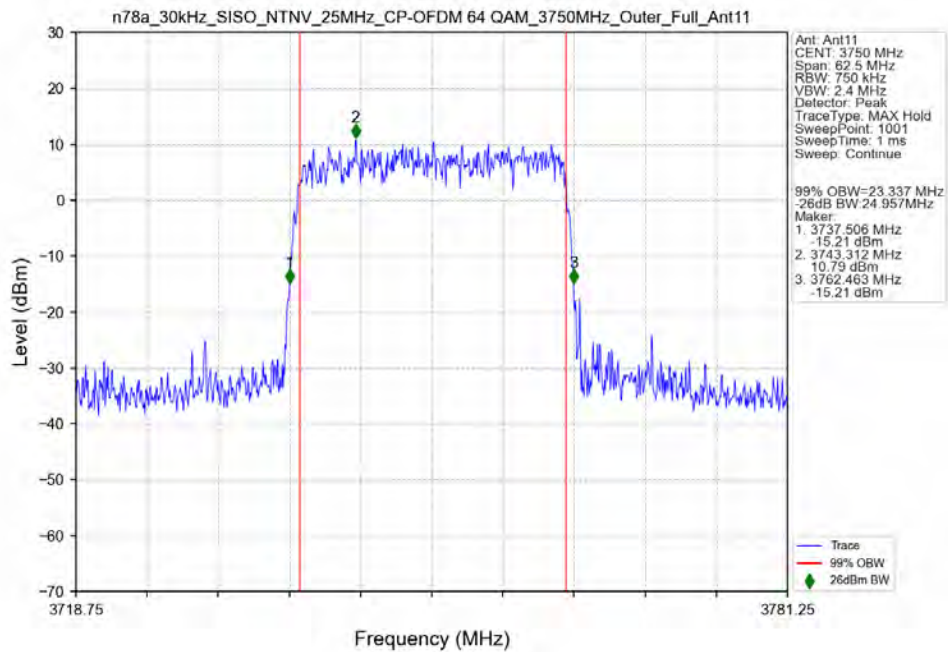
n78a_30kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_3750MHz_Outer_Full_Ant11



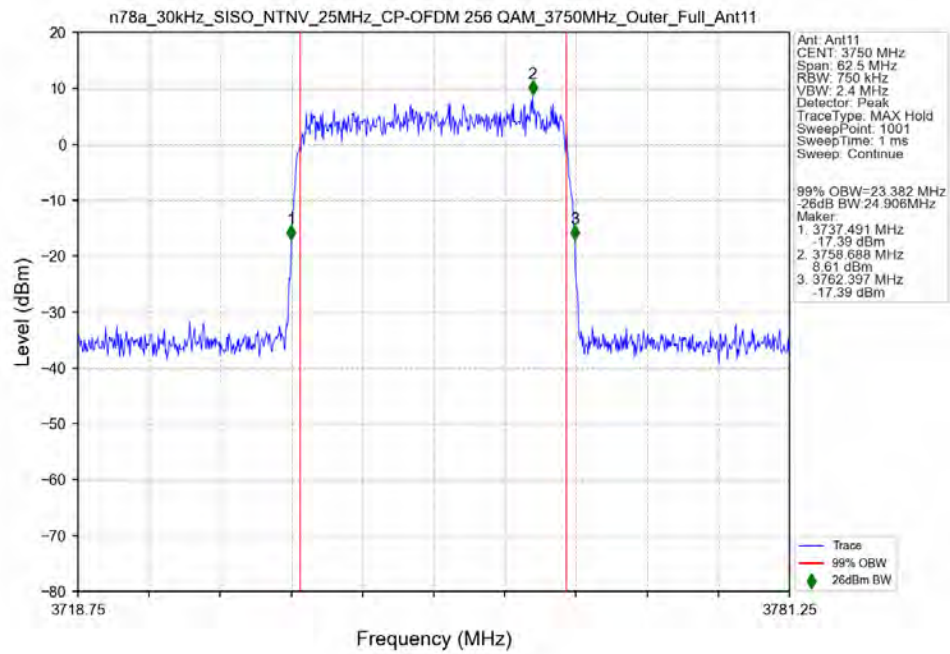
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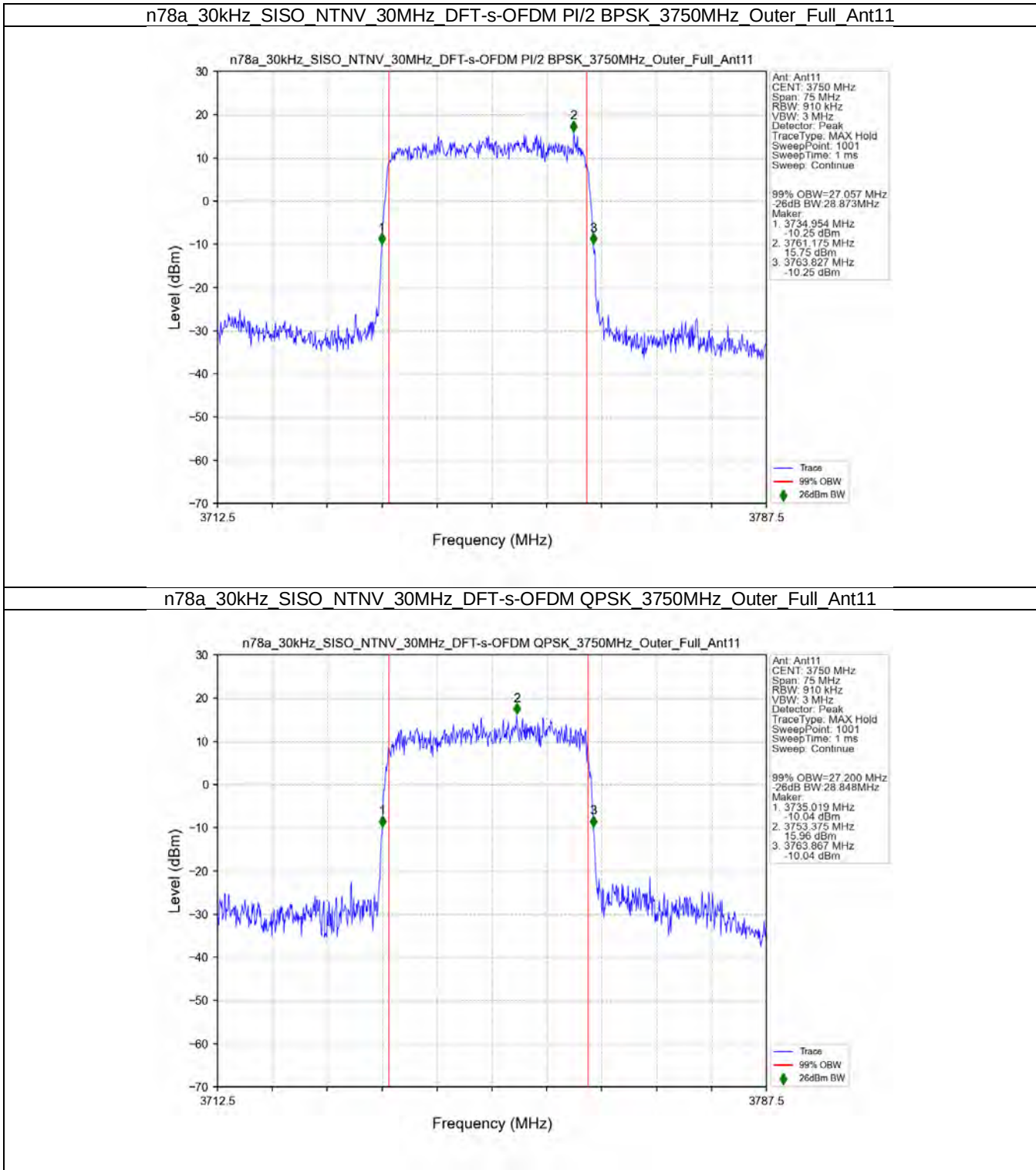
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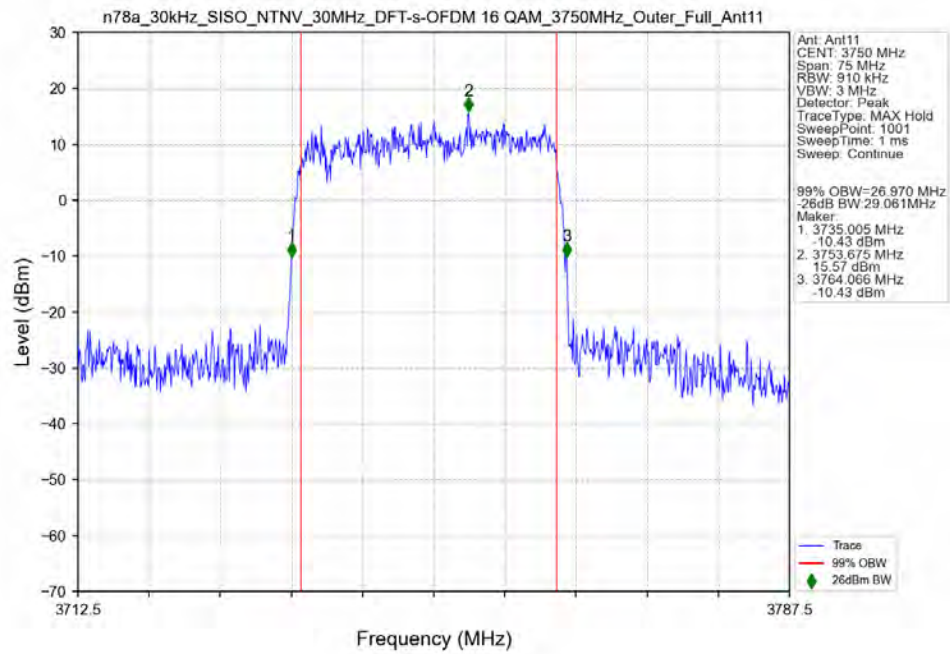
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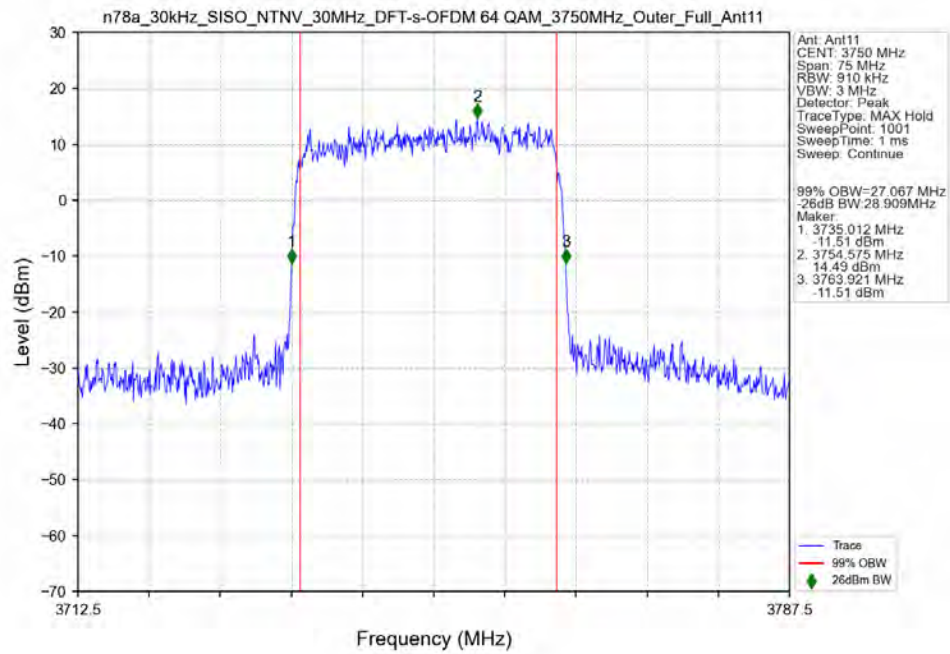
3.2.5 30k_SISO_30MHz_NTNV



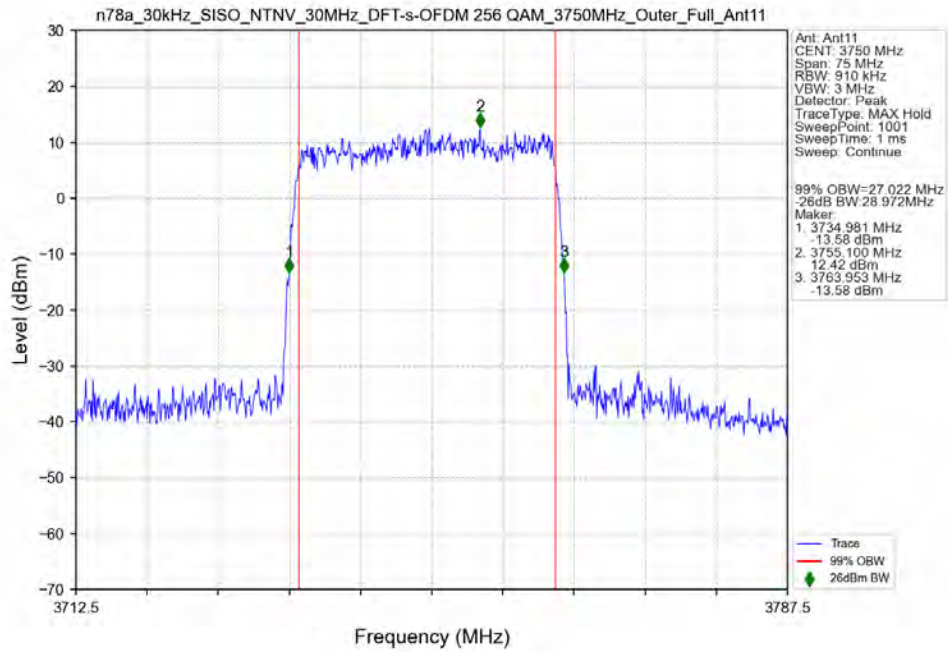
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM 16 QAM 3750MHz Outer Full Ant11



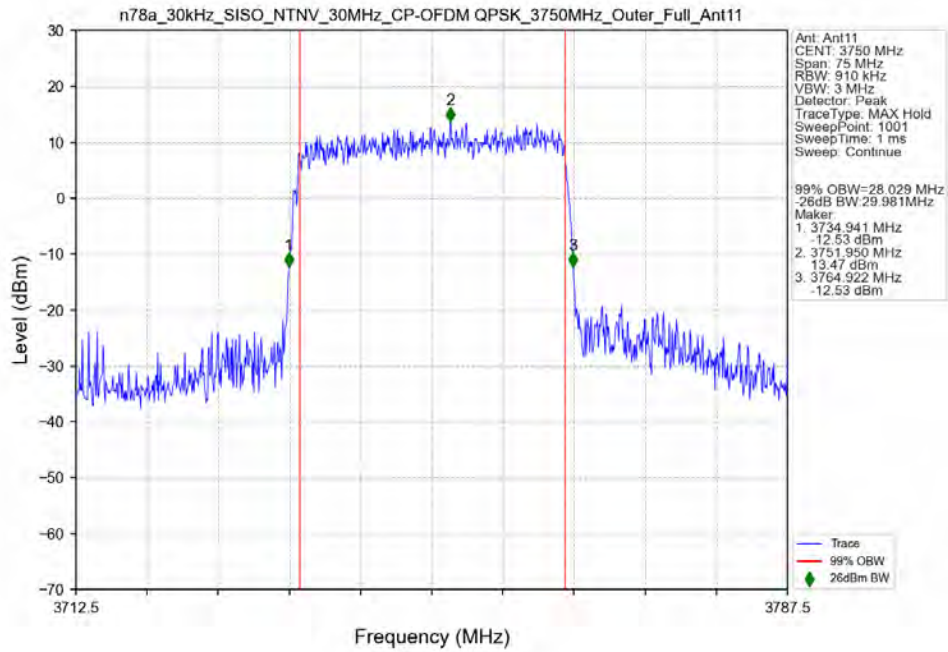
n78a 30kHz SISO NTN 30MHz DFT-s-OFDM 64 QAM 3750MHz Outer Full Ant11



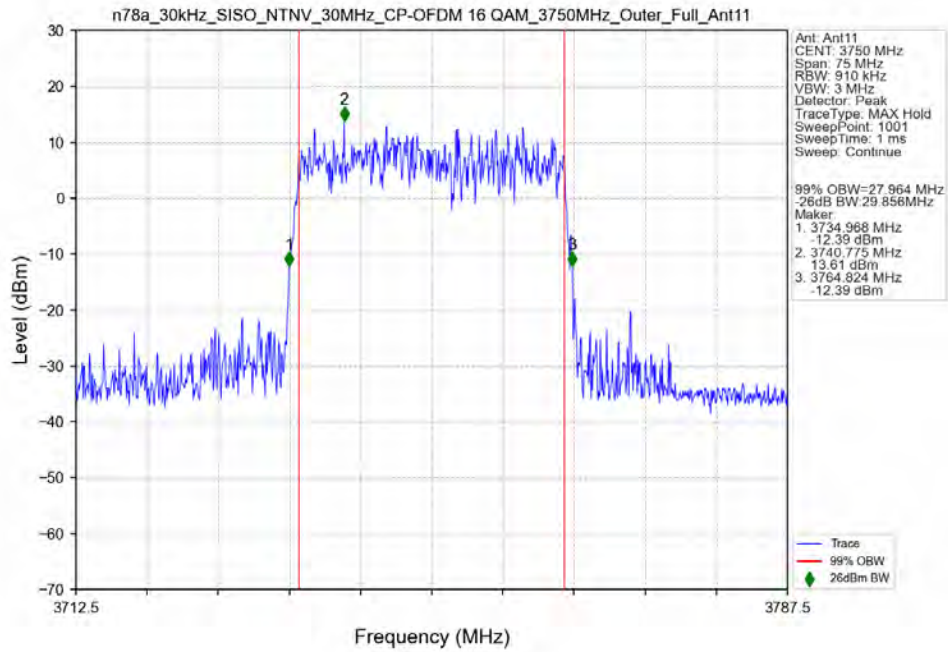
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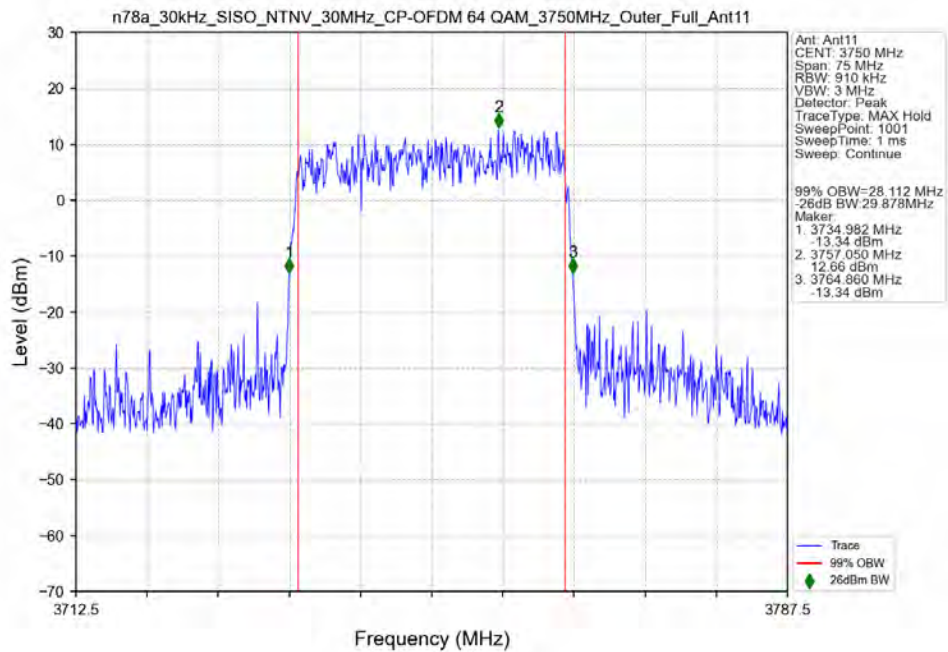
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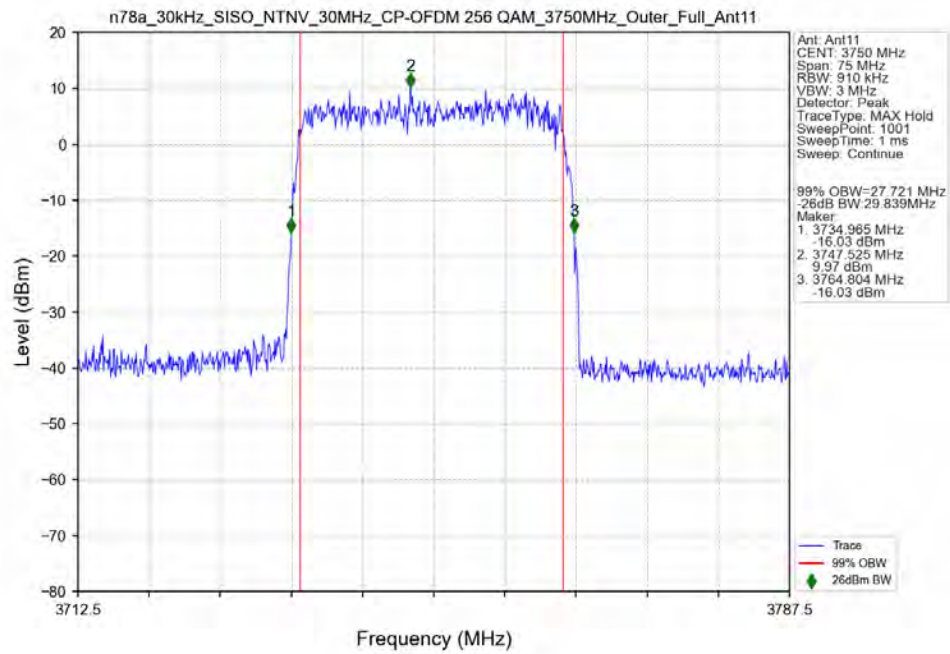
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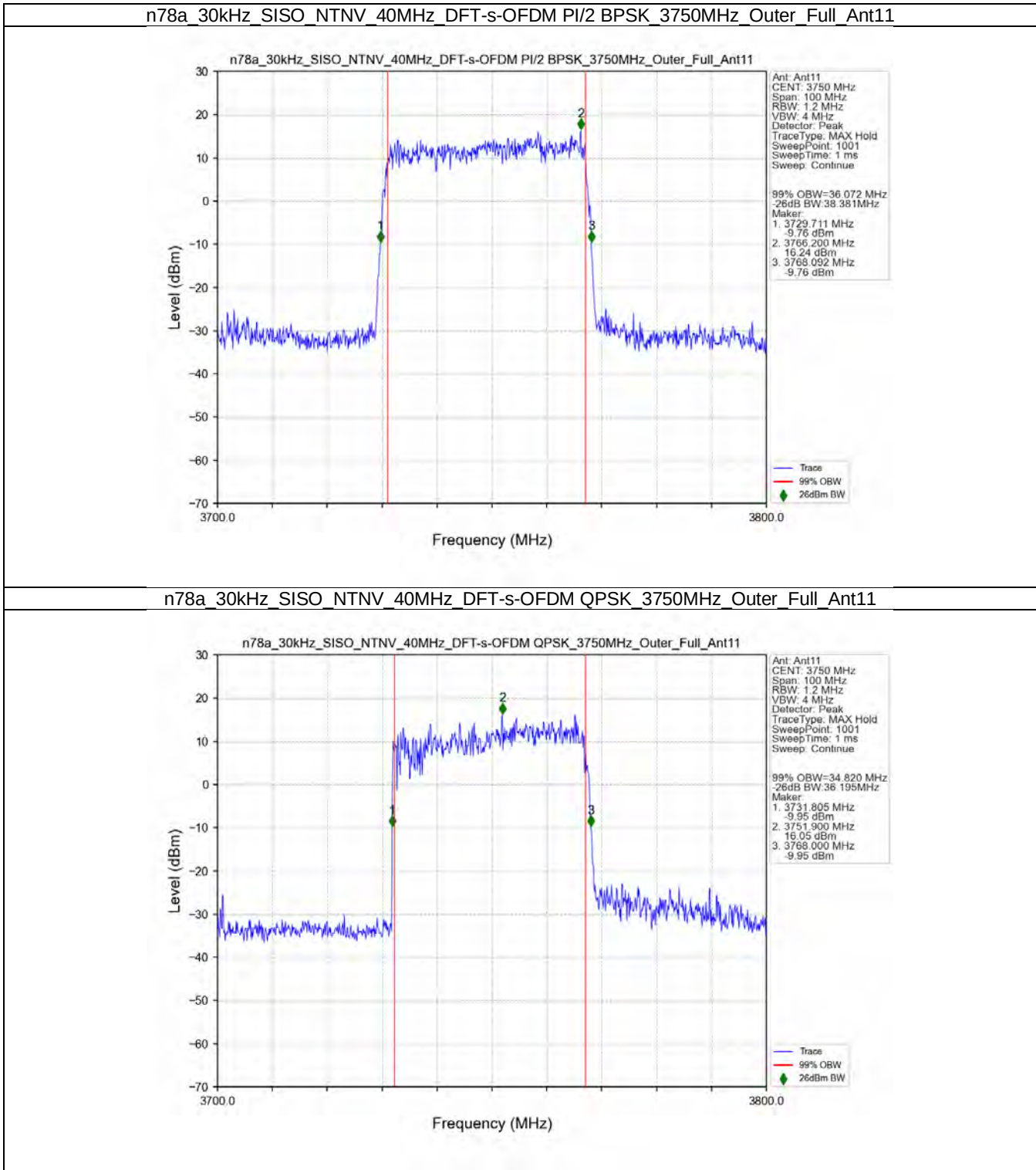
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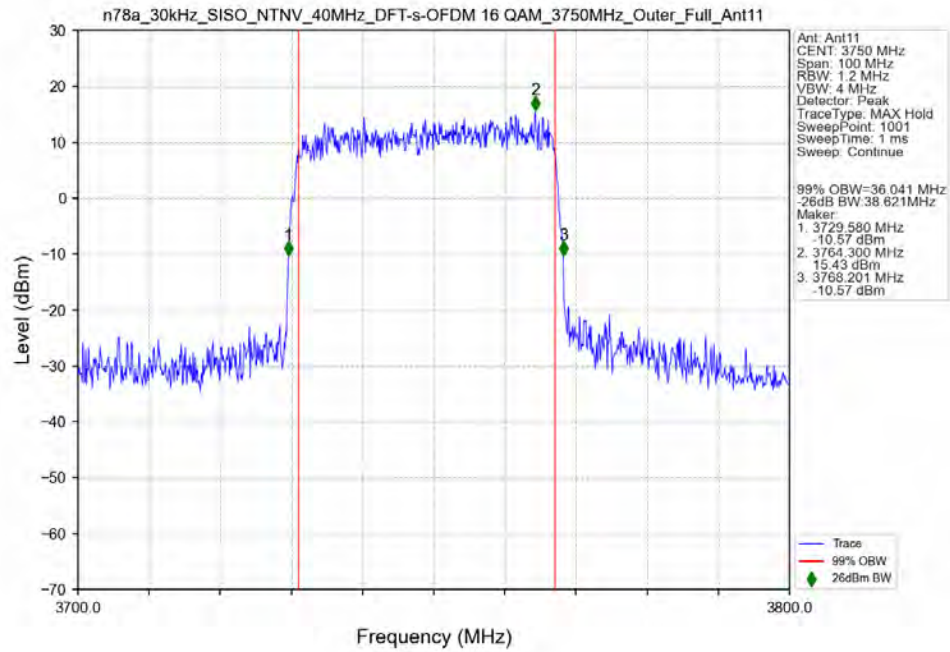
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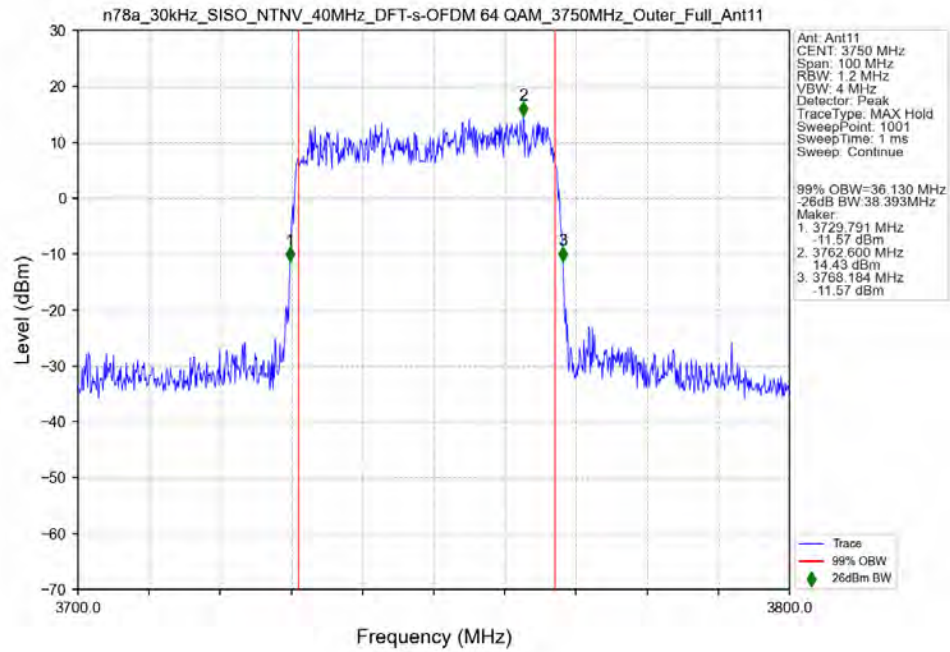
3.2.6 30k_SISO_40MHz_NTNV



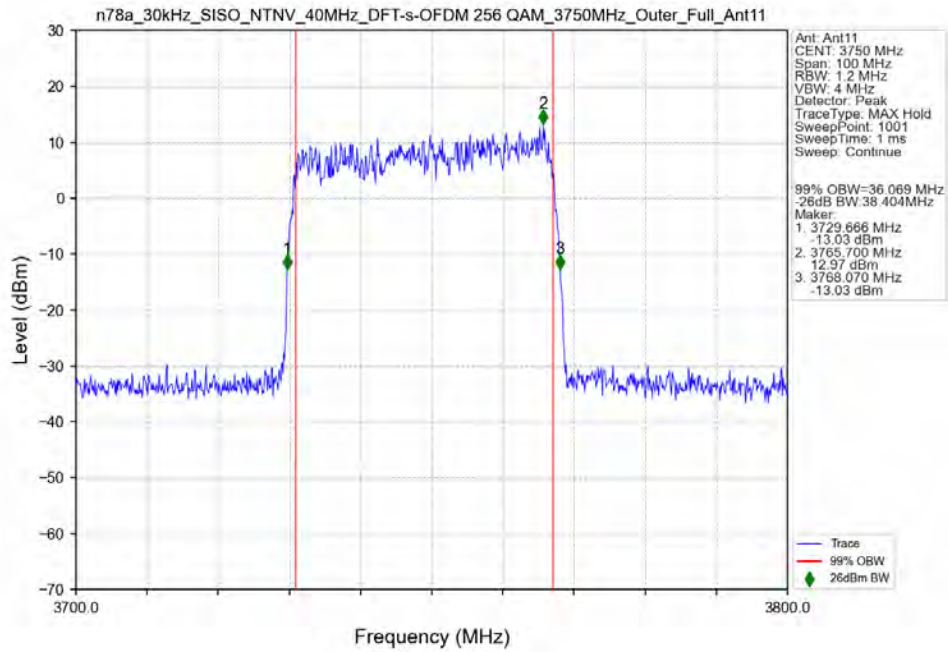
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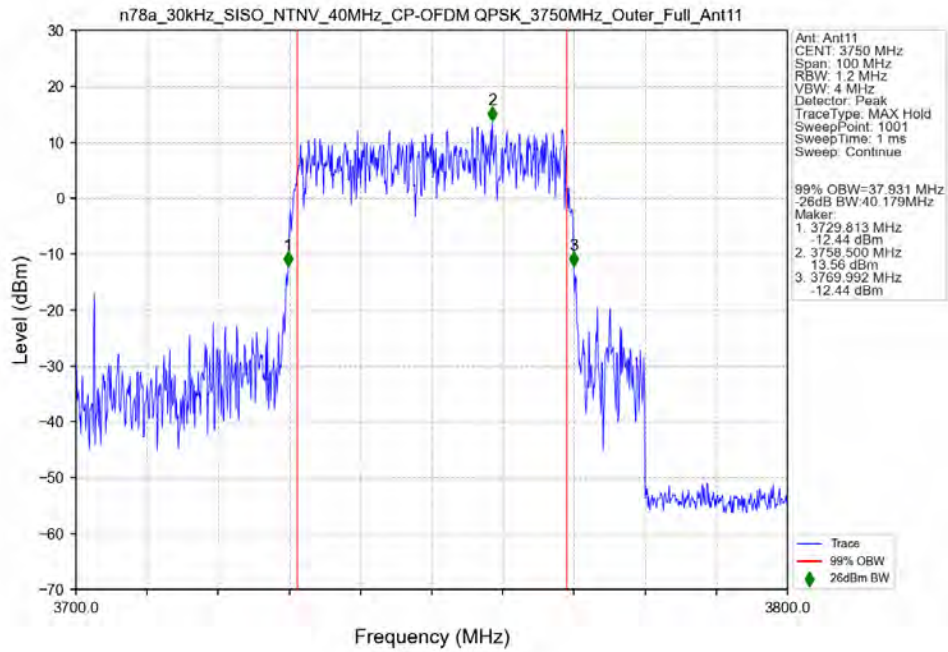
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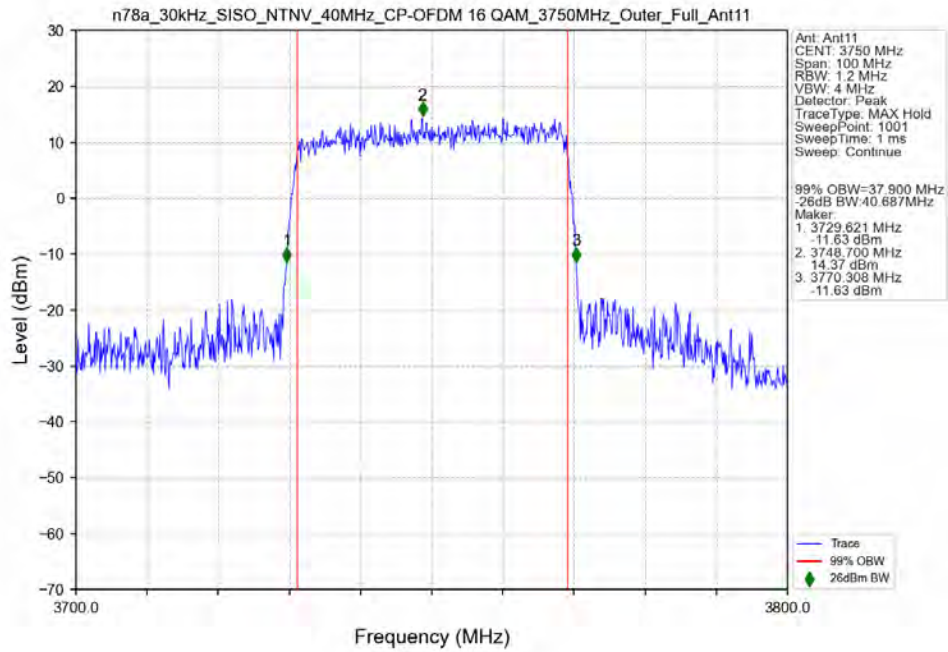
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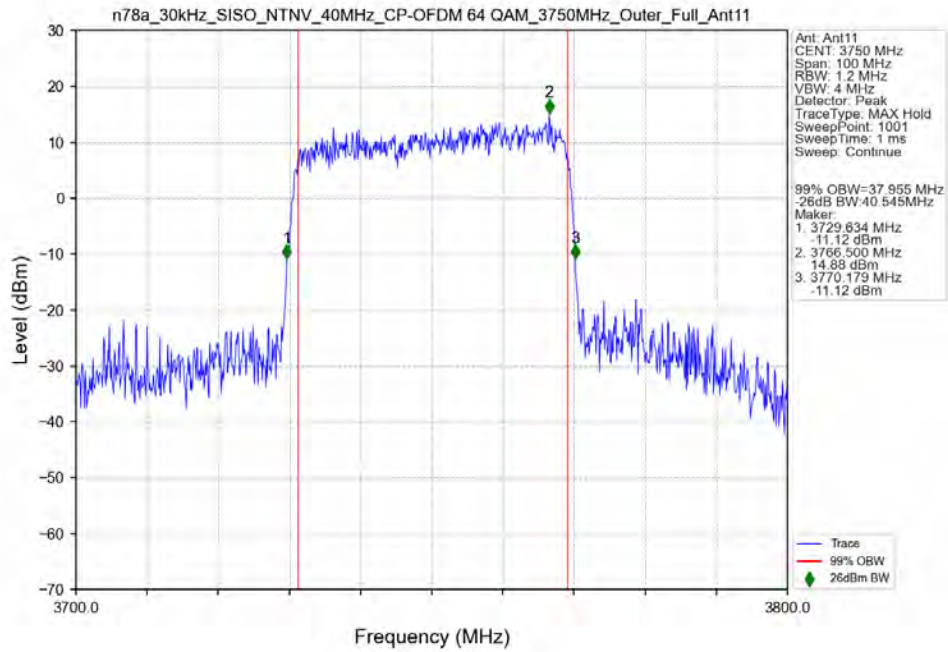
n78a_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3750MHz_Outer_Full_Ant11



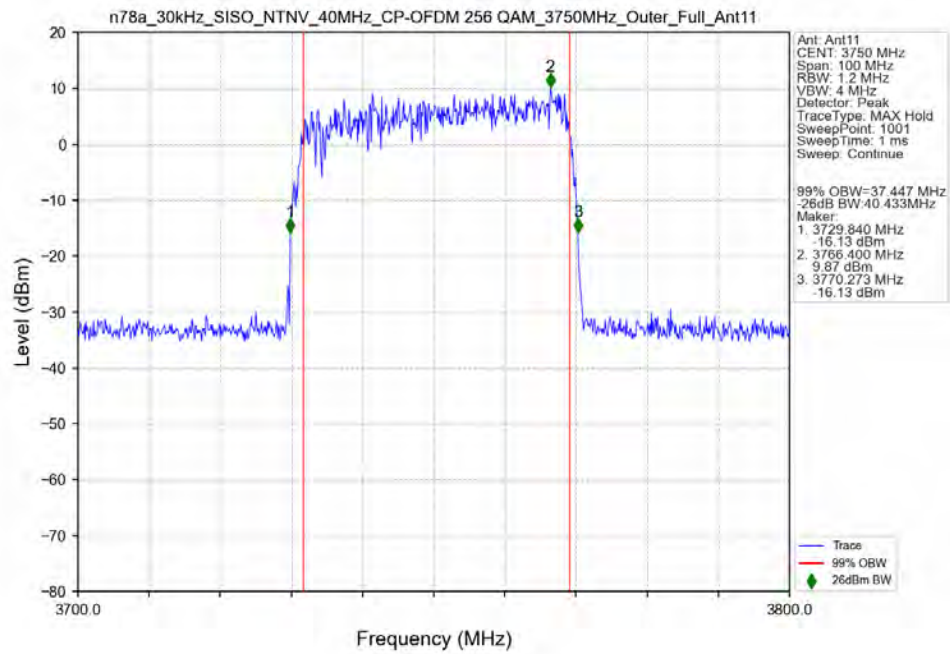
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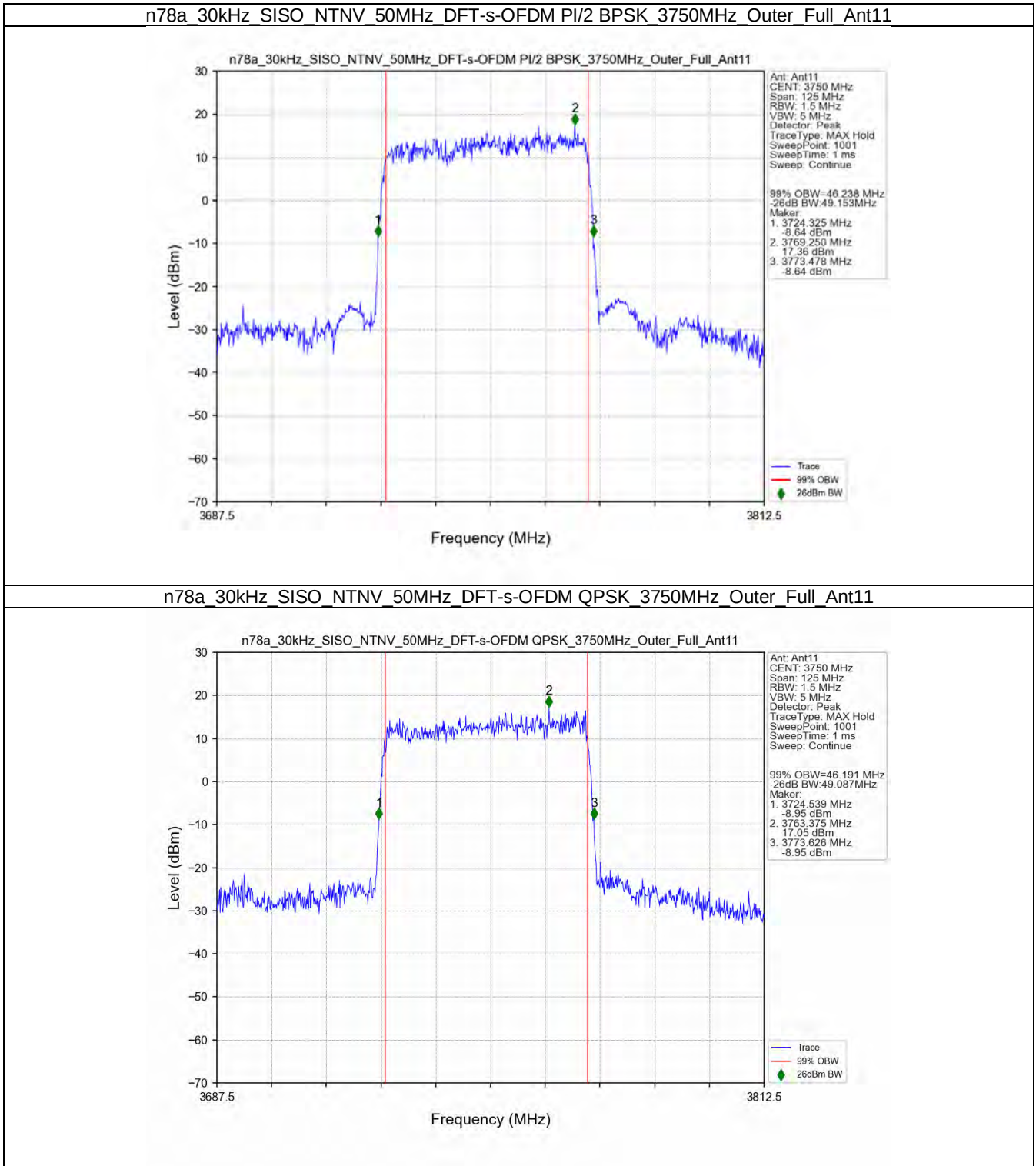
n78a_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM 3750MHz Outer Full Ant11



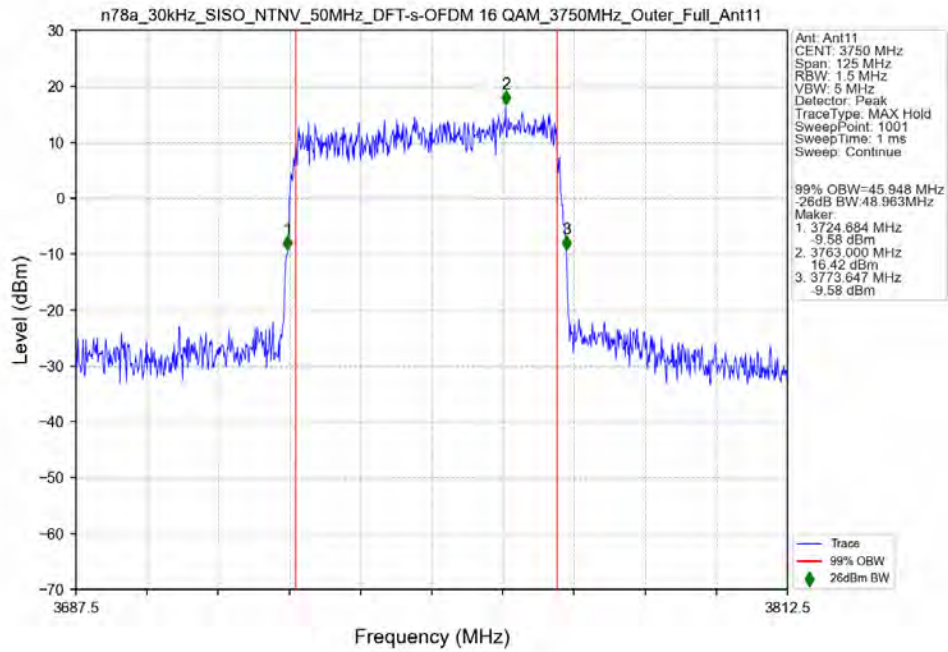
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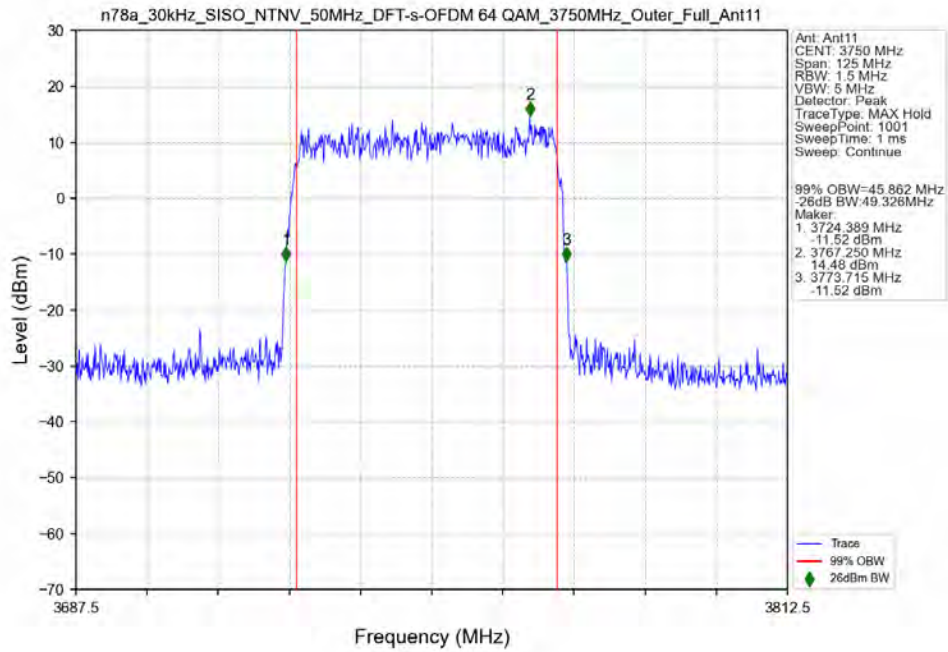
3.2.7 30k_SISO_50MHz_NTNV



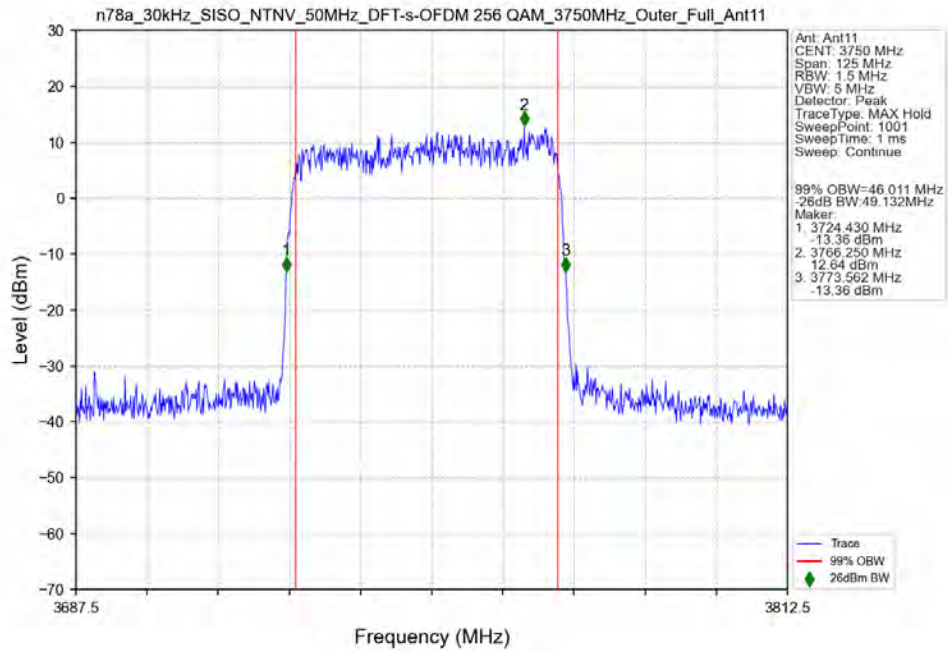
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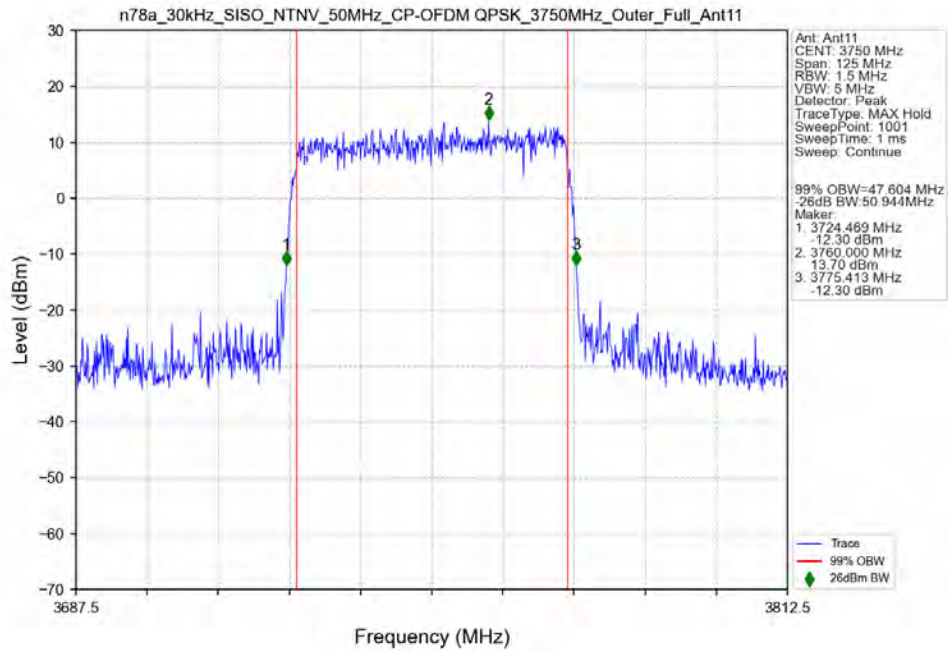
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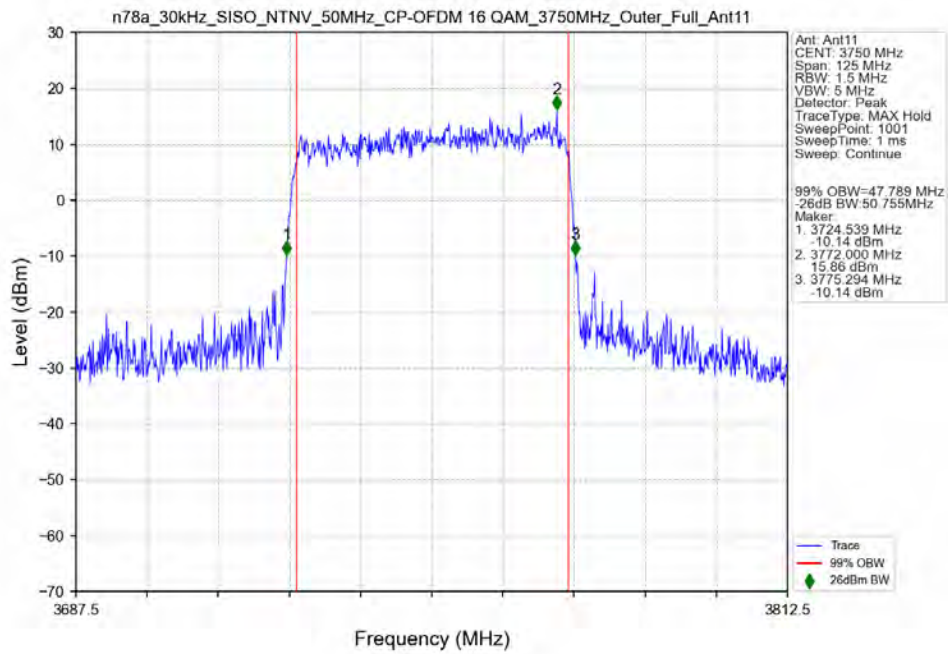
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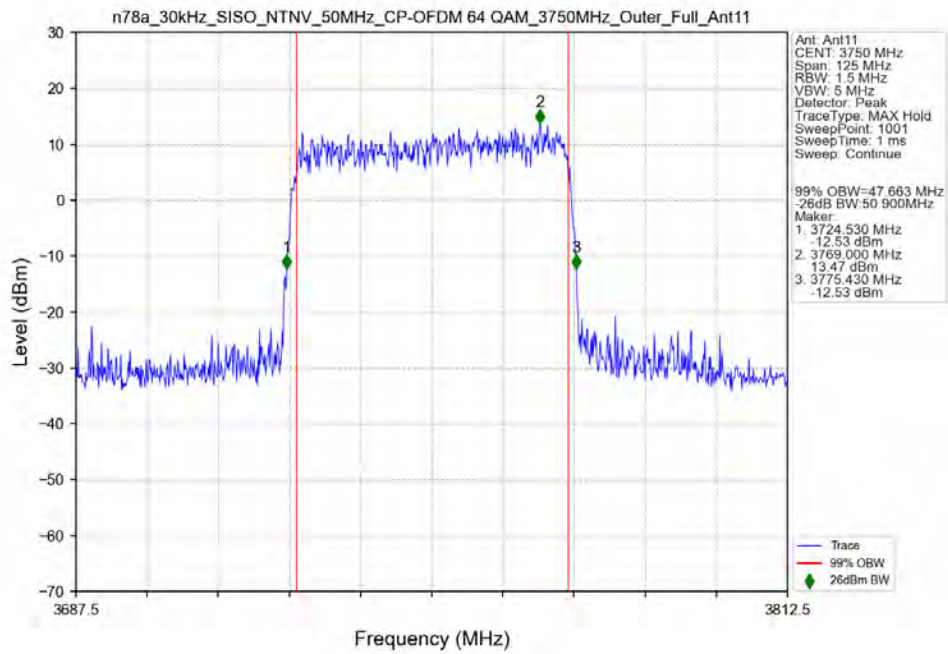
n78a_30kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3750MHz_Outer_Full_Ant11



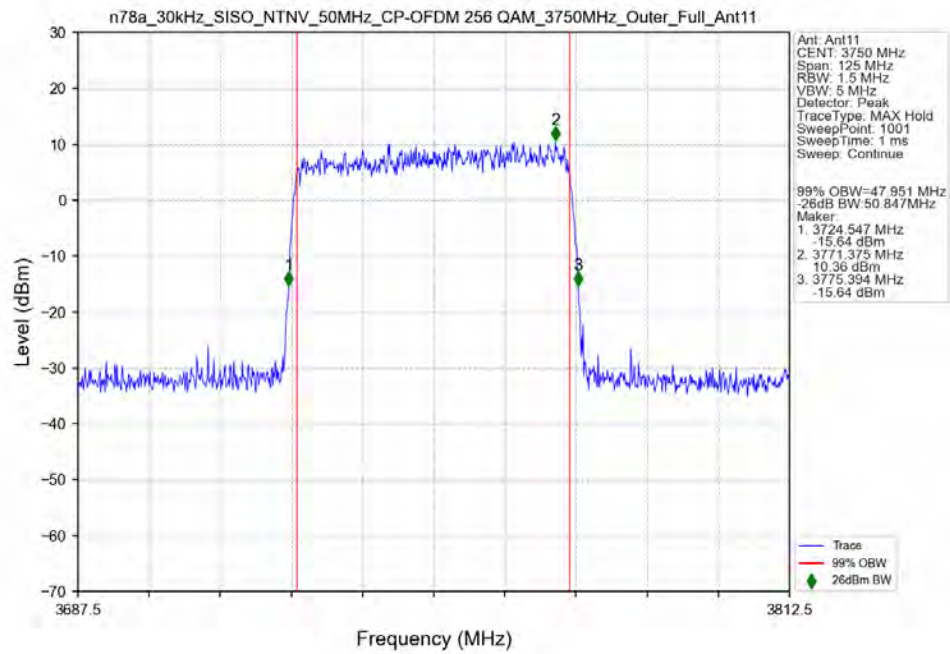
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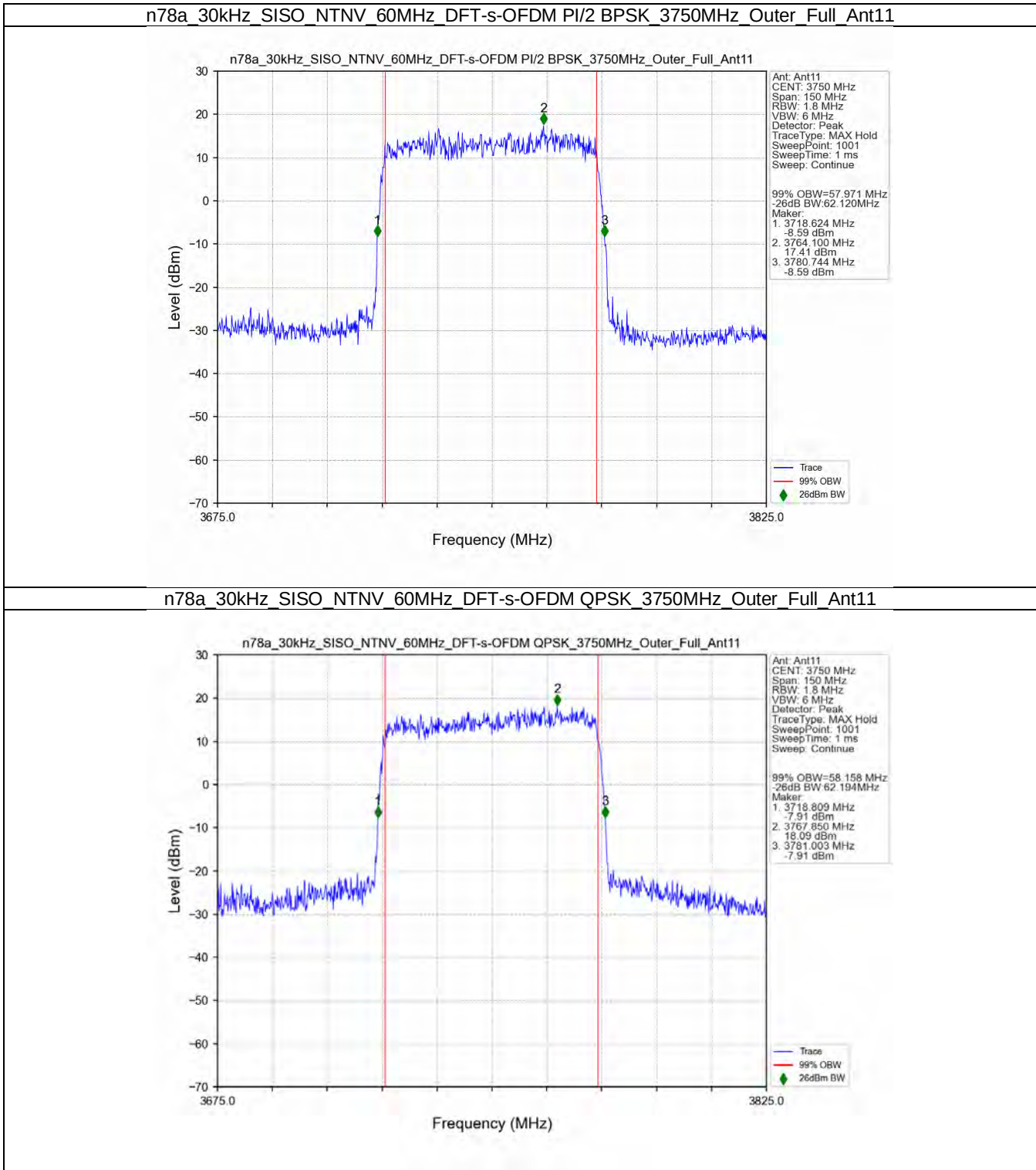
n78a_30kHz_SISO_NTNV_50MHz_CP-OFDM 64 QAM 3750MHz Outer Full Ant11



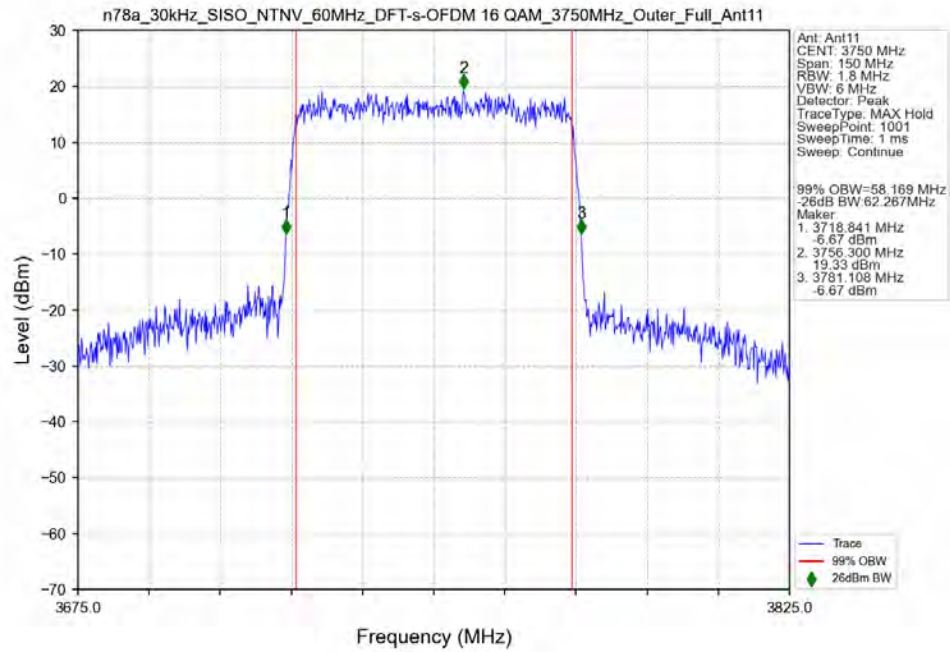
n78a_30kHz_SISO_NTNV_50MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant11



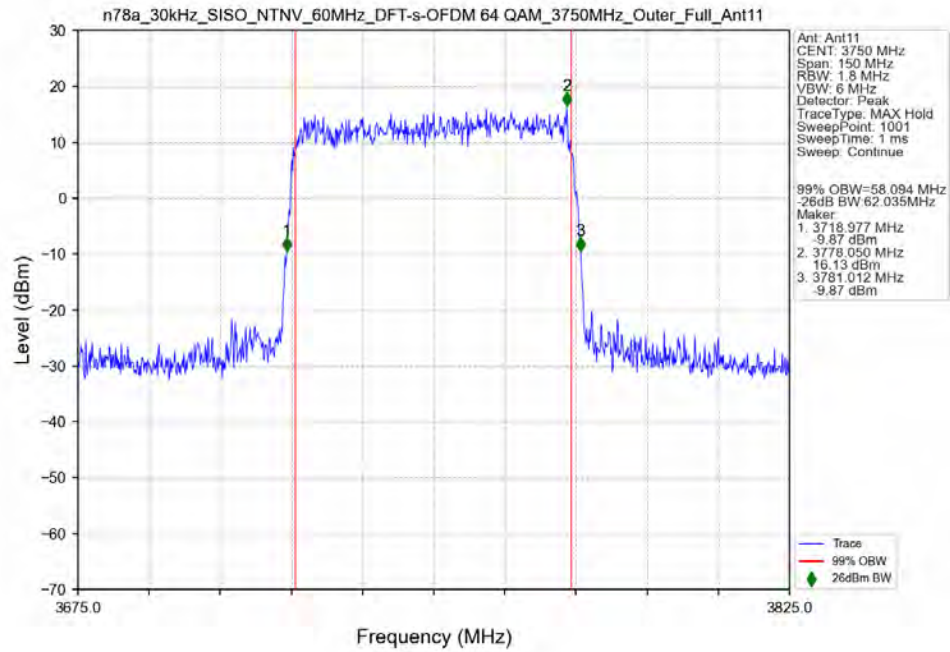
3.2.8 30k_SISO_60MHz_NTNV



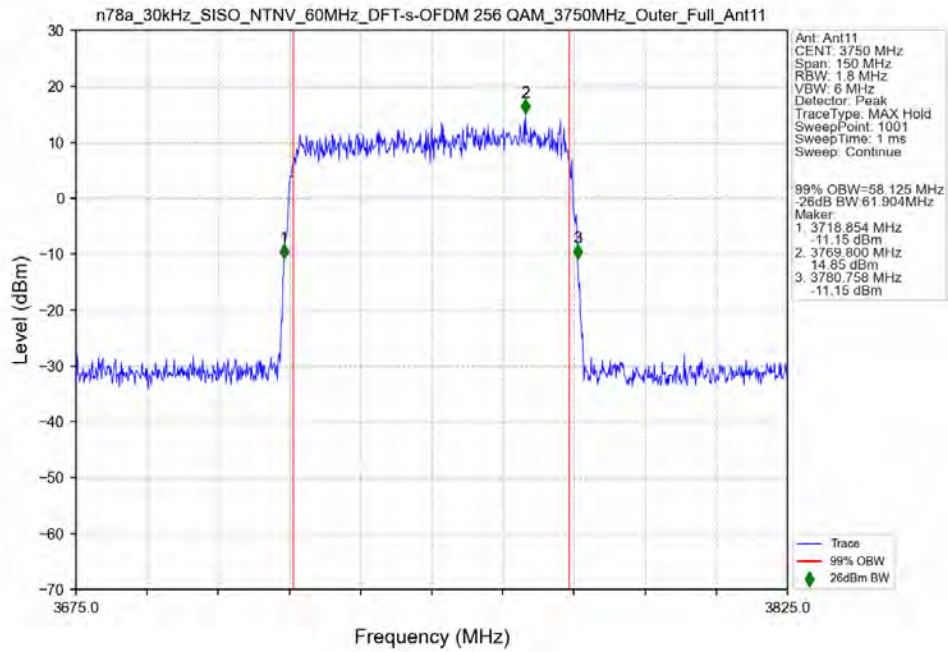
n78a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_16_QAM_3750MHz_Outer_Full_Ant11



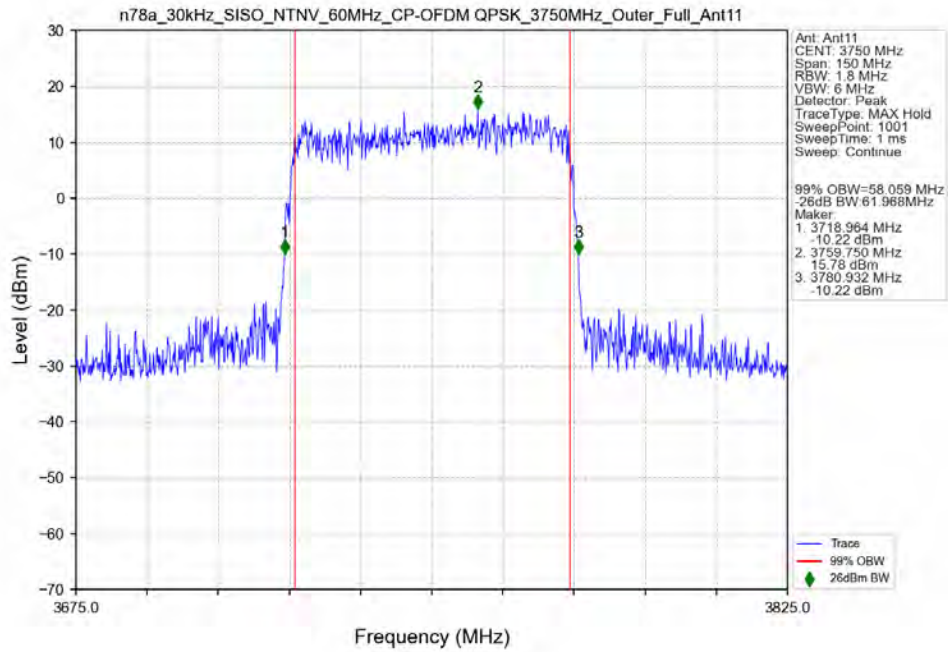
n78a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM_64_QAM_3750MHz_Outer_Full_Ant11



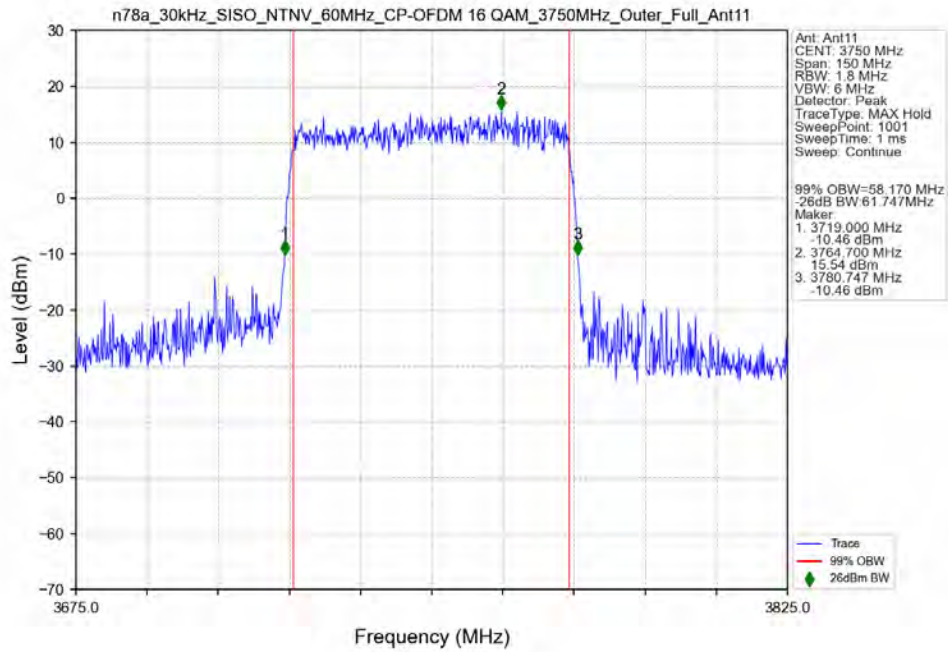
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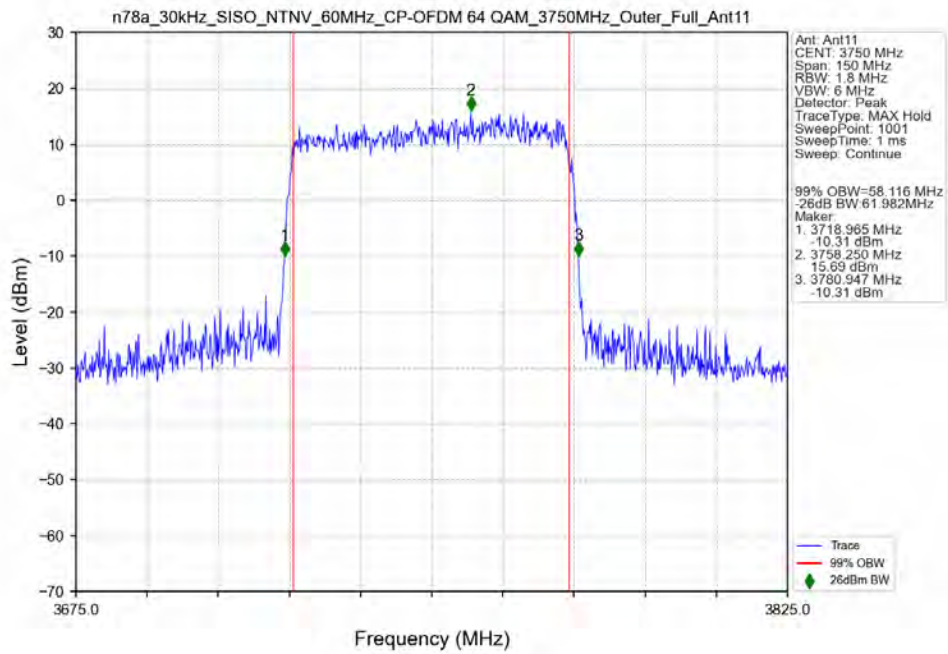
n78a_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3750MHz_Outer_Full_Ant11



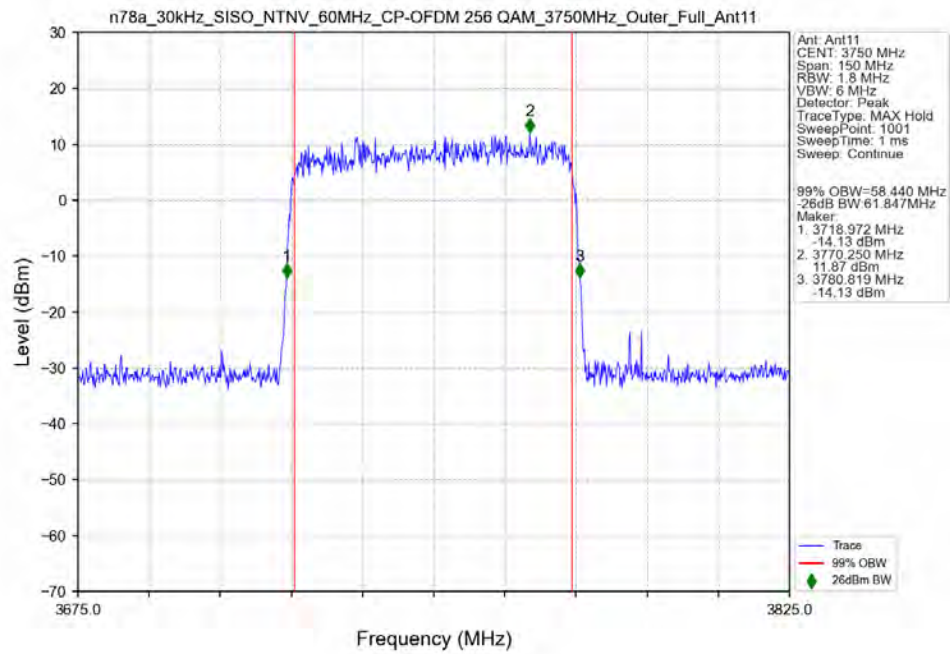
n78a_30kHz_SISO_NTNV_60MHz_CP-OFDM 16 QAM 3750MHz Outer Full Ant11



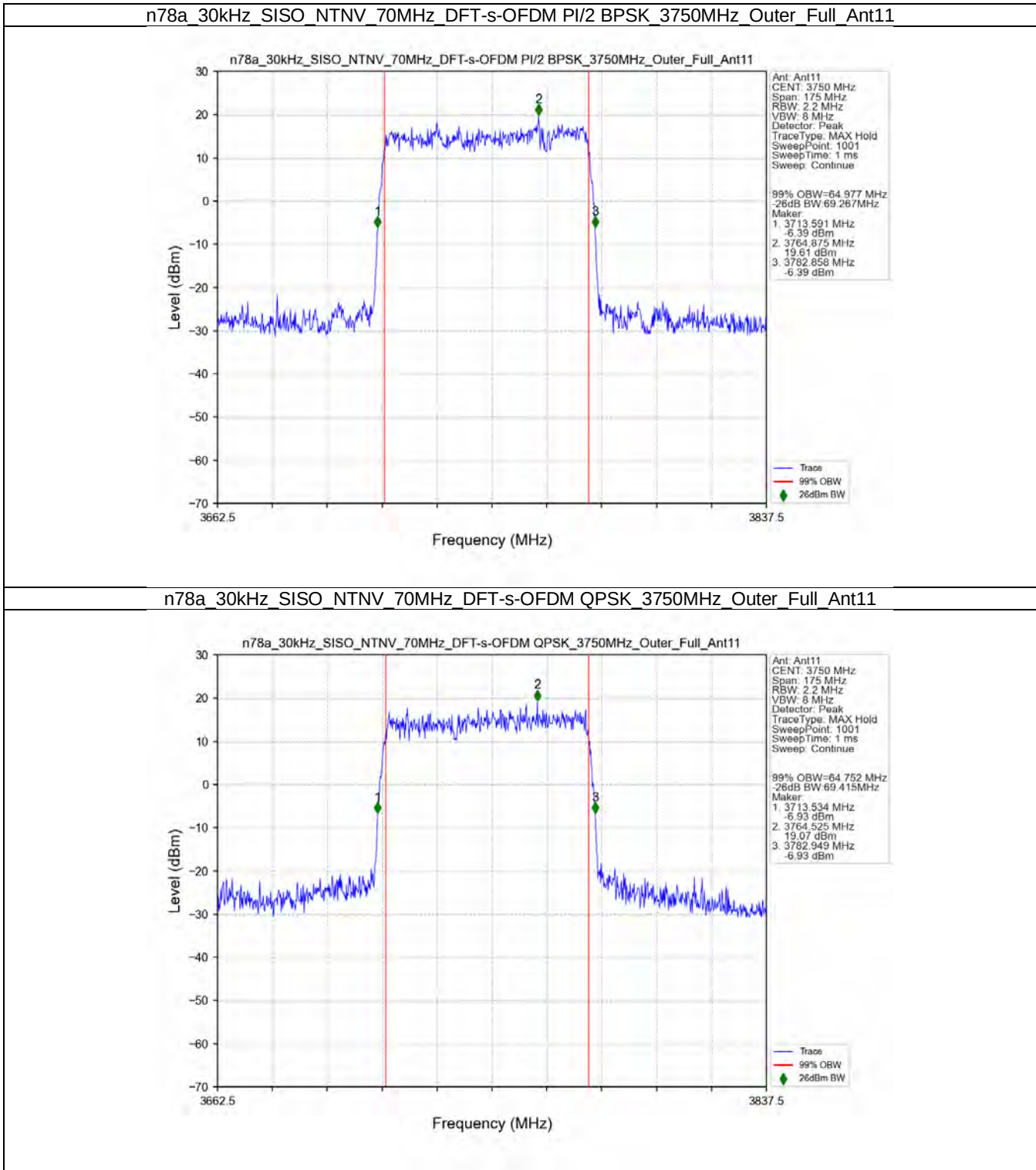
n78a_30kHz_SISO_NTNV_60MHz_CP-OFDM 64 QAM 3750MHz Outer Full Ant11



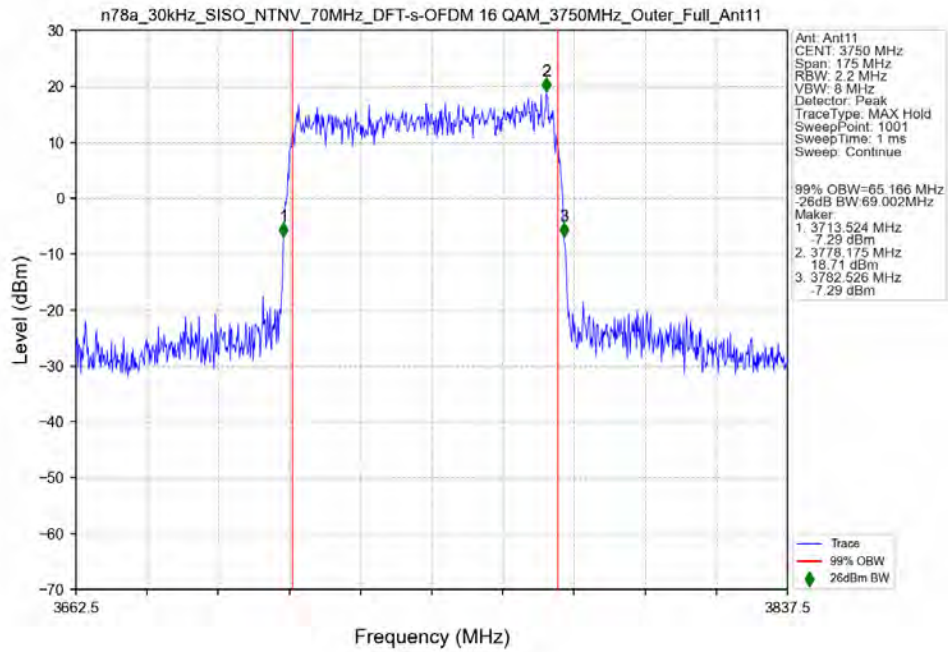
n78a_30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant11



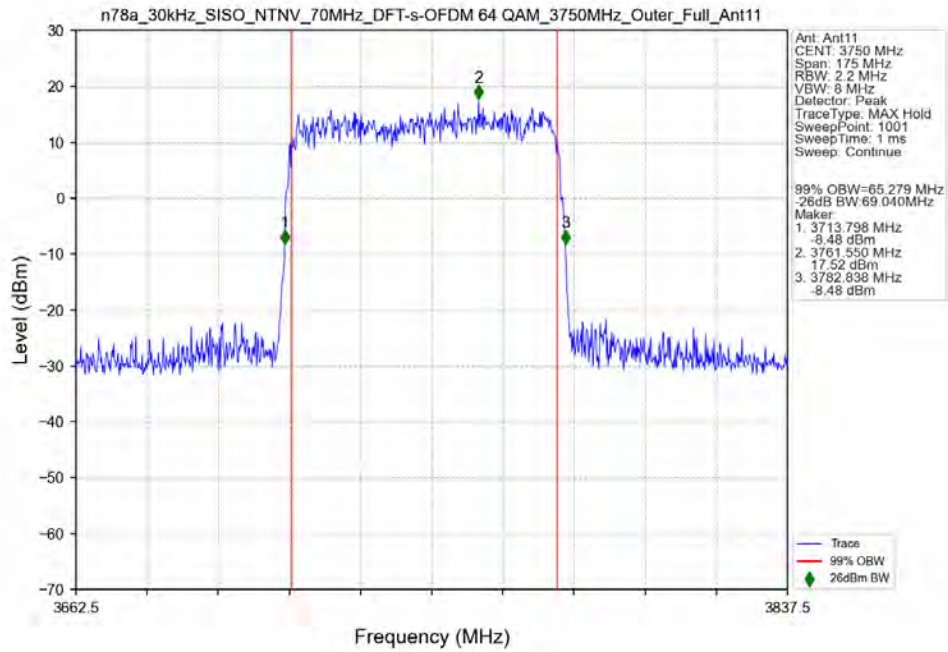
3.2.9 30k_SISO_70MHz_NTNV



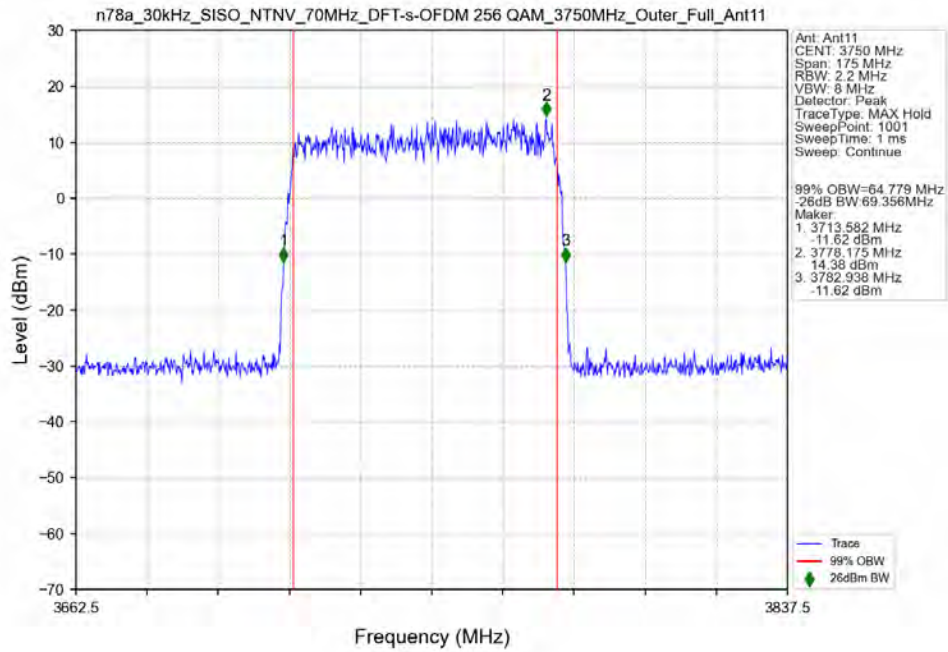
n78a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_16_QAM_3750MHz_Outer_Full_Ant11



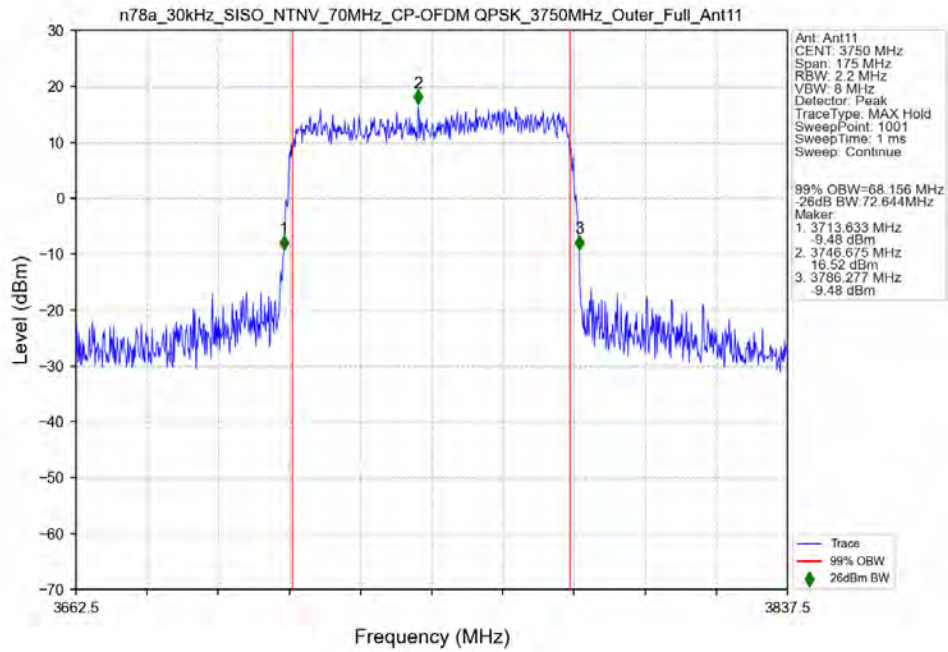
n78a_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM_64_QAM_3750MHz_Outer_Full_Ant11



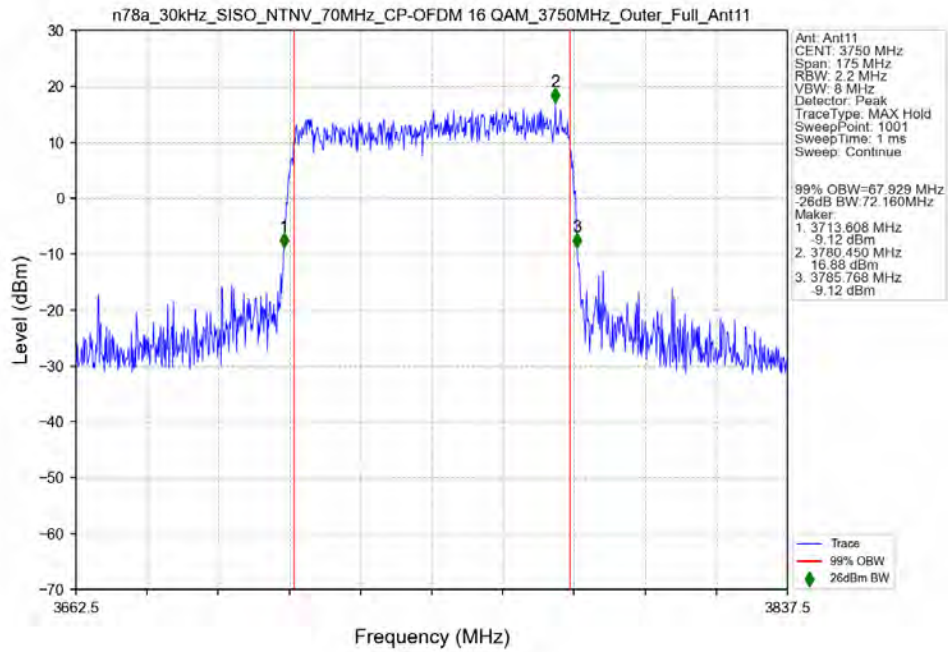
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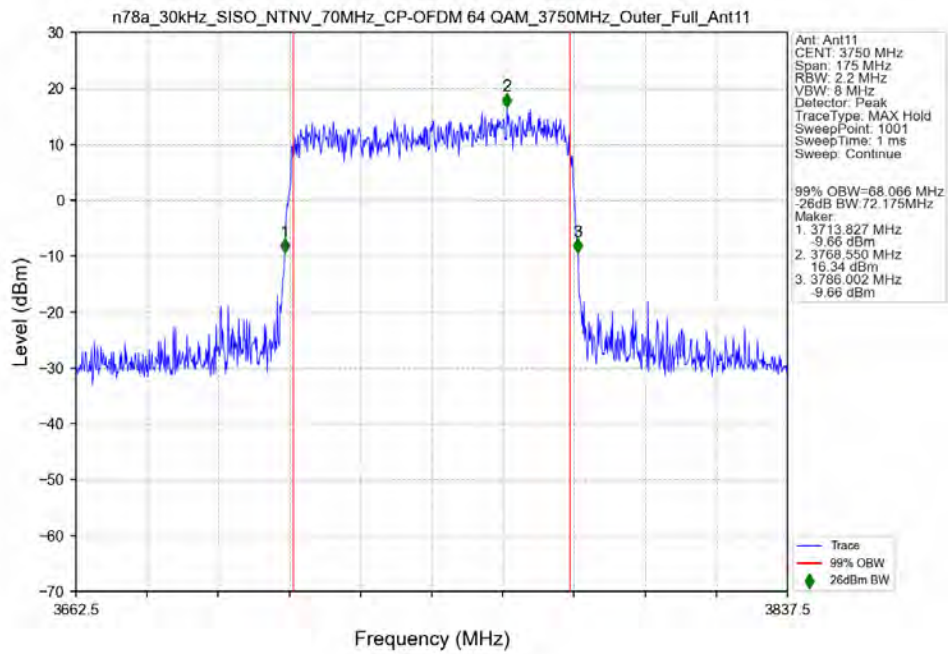
n78a_30kHz_SISO_NTNV_70MHz_CP-OFDM_QPSK_3750MHz_Outer_Full_Ant11



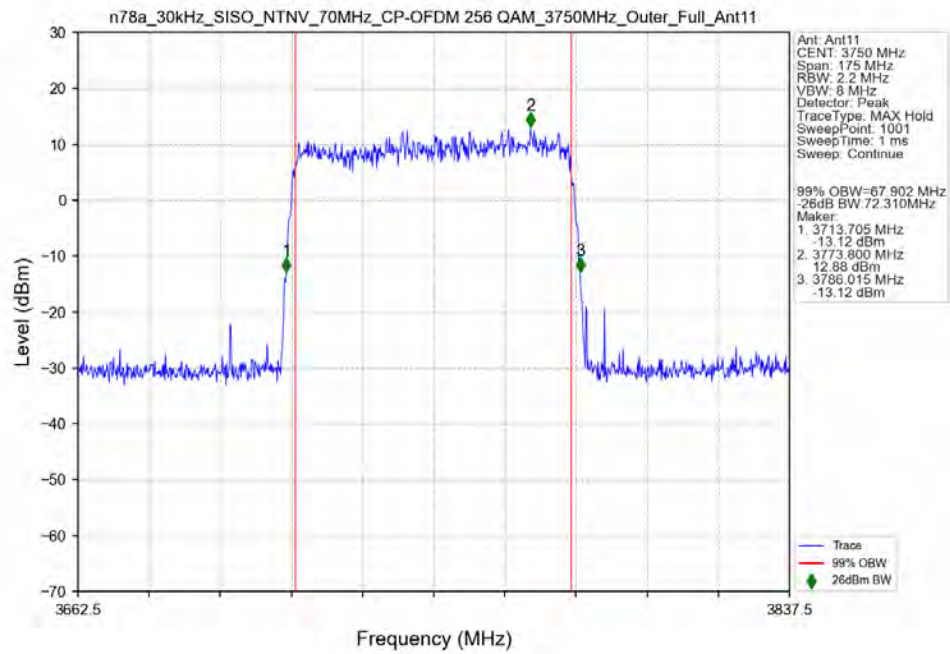
n78a_30kHz_SISO_NTNV_70MHz_CP-OFDM 16 QAM_3750MHz_Outer_Full_Ant11



n78a_30kHz_SISO_NTNV_70MHz_CP-OFDM 64 QAM_3750MHz_Outer_Full_Ant11



n78a_30kHz_SISO_NTNV_70MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant11



3.2.10 30k_SISO_80MHz_NTNV

