

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30k_SISO_10MHz_NTNV_EIRP

5G NR n77a 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	22.15	/	/	23.65	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	23.71	/	/	<=30	Pass
		Outer_Full	22.27	/	/	23.77	/	/	<=30	Pass
		Inner_Full	22.73	/	/	24.23	/	/	<=30	Pass
		Inner_1RB_Left	22.6	/	/	24.1	/	/	<=30	Pass
		Inner_1RB_Right	22.71	/	/	24.21	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.02	/	/	23.52	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	23.69	/	/	<=30	Pass
		Outer_Full	22.1	/	/	23.6	/	/	<=30	Pass
		Inner_Full	22.73	/	/	24.23	/	/	<=30	Pass
		Inner_1RB_Left	22.51	/	/	24.01	/	/	<=30	Pass
		Inner_1RB_Right	22.66	/	/	24.16	/	/	<=30	Pass
	3975	Edge_1RB_Left	22.89	/	/	24.39	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	24.47	/	/	<=30	Pass
		Outer_Full	23.03	/	/	24.53	/	/	<=30	Pass
		Inner_Full	23.45	/	/	24.95	/	/	<=30	Pass
		Inner_1RB_Left	23.44	/	/	24.94	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	24.95	/	/	<=30	Pass
DFT-s-OFDM QPSK	3705	Edge_1RB_Left	21.67	/	/	23.17	/	/	<=30	Pass
		Edge_1RB_Right	21.81	/	/	23.31	/	/	<=30	Pass
		Outer_Full	21.75	/	/	23.25	/	/	<=30	Pass
		Inner_Full	22.78	/	/	24.28	/	/	<=30	Pass
		Inner_1RB_Left	22.57	/	/	24.07	/	/	<=30	Pass
		Inner_1RB_Right	22.73	/	/	24.23	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.5	/	/	23	/	/	<=30	Pass
		Edge_1RB_Right	21.66	/	/	23.16	/	/	<=30	Pass
		Outer_Full	21.52	/	/	23.02	/	/	<=30	Pass
		Inner_Full	22.53	/	/	24.03	/	/	<=30	Pass
		Inner_1RB_Left	22.5	/	/	24	/	/	<=30	Pass
		Inner_1RB_Right	22.59	/	/	24.09	/	/	<=30	Pass
	3975	Edge_1RB_Left	22.41	/	/	23.91	/	/	<=30	Pass
		Edge_1RB_Right	22.5	/	/	24	/	/	<=30	Pass
		Outer_Full	22.43	/	/	23.93	/	/	<=30	Pass
		Inner_Full	23.4	/	/	24.9	/	/	<=30	Pass
		Inner_1RB_Left	23.41	/	/	24.91	/	/	<=30	Pass
		Inner_1RB_Right	23.48	/	/	24.98	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3705	Edge_1RB_Left	20.45	/	/	21.95	/	/	<=30	Pass
		Edge_1RB_Right	20.68	/	/	22.18	/	/	<=30	Pass
		Outer_Full	20.87	/	/	22.37	/	/	<=30	Pass
		Inner_Full	21.78	/	/	23.28	/	/	<=30	Pass
		Inner_1RB_Left	21.5	/	/	23	/	/	<=30	Pass
		Inner_1RB_Right	21.62	/	/	23.12	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.54	/	/	22.04	/	/	<=30	Pass
		Edge_1RB_Right	20.7	/	/	22.2	/	/	<=30	Pass
		Outer_Full	20.75	/	/	22.25	/	/	<=30	Pass
		Inner_Full	21.43	/	/	22.93	/	/	<=30	Pass
		Inner_1RB_Left	21.4	/	/	22.9	/	/	<=30	Pass
		Inner_1RB_Right	21.51	/	/	23.01	/	/	<=30	Pass
	3975	Edge_1RB_Left	21.3	/	/	22.8	/	/	<=30	Pass

		Edge_1RB_Right	21.33	/	/	22.83	/	/	<=30	Pass
		Outer_Full	21.64	/	/	23.14	/	/	<=30	Pass
		Inner_Full	22.47	/	/	23.97	/	/	<=30	Pass
		Inner_1RB_Left	22.4	/	/	23.9	/	/	<=30	Pass
		Inner_1RB_Right	22.31	/	/	23.81	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3705	Edge_1RB_Left	20.41	/	/	21.91	/	/	<=30	Pass
		Edge_1RB_Right	20.57	/	/	22.07	/	/	<=30	Pass
		Outer_Full	20.3	/	/	21.8	/	/	<=30	Pass
		Inner_Full	20.49	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Left	20.54	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Right	20.66	/	/	22.16	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.42	/	/	21.92	/	/	<=30	Pass
		Edge_1RB_Right	20.61	/	/	22.11	/	/	<=30	Pass
		Outer_Full	20.18	/	/	21.68	/	/	<=30	Pass
		Inner_Full	20.29	/	/	21.79	/	/	<=30	Pass
		Inner_1RB_Left	20.38	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Right	20.43	/	/	21.93	/	/	<=30	Pass
	3975	Edge_1RB_Left	21.34	/	/	22.84	/	/	<=30	Pass
		Edge_1RB_Right	21.41	/	/	22.91	/	/	<=30	Pass
		Outer_Full	21.13	/	/	22.63	/	/	<=30	Pass
		Inner_Full	21.1	/	/	22.6	/	/	<=30	Pass
		Inner_1RB_Left	21.35	/	/	22.85	/	/	<=30	Pass
		Inner_1RB_Right	21.4	/	/	22.9	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3705	Edge_1RB_Left	18.21	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	18.4	/	/	19.9	/	/	<=30	Pass
		Outer_Full	18.36	/	/	19.86	/	/	<=30	Pass
		Inner_Full	18.55	/	/	20.05	/	/	<=30	Pass
		Inner_1RB_Left	18.25	/	/	19.75	/	/	<=30	Pass
		Inner_1RB_Right	18.41	/	/	19.91	/	/	<=30	Pass
	3840	Edge_1RB_Left	18.13	/	/	19.63	/	/	<=30	Pass
		Edge_1RB_Right	18.27	/	/	19.77	/	/	<=30	Pass
		Outer_Full	18.2	/	/	19.7	/	/	<=30	Pass
		Inner_Full	18.47	/	/	19.97	/	/	<=30	Pass
		Inner_1RB_Left	18.14	/	/	19.64	/	/	<=30	Pass
		Inner_1RB_Right	18.26	/	/	19.76	/	/	<=30	Pass
	3975	Edge_1RB_Left	19.01	/	/	20.51	/	/	<=30	Pass
		Edge_1RB_Right	19.07	/	/	20.57	/	/	<=30	Pass
		Outer_Full	19.08	/	/	20.58	/	/	<=30	Pass
		Inner_Full	19.28	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Left	19.03	/	/	20.53	/	/	<=30	Pass
		Inner_1RB_Right	19.08	/	/	20.58	/	/	<=30	Pass
CP-OFDM QPSK	3705	Edge_1RB_Left	19.67	/	/	21.17	/	/	<=30	Pass
		Edge_1RB_Right	19.87	/	/	21.37	/	/	<=30	Pass
		Outer_Full	19.79	/	/	21.29	/	/	<=30	Pass
		Inner_Full	21.15	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Left	21.13	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Right	21.34	/	/	22.84	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.5	/	/	21	/	/	<=30	Pass
		Edge_1RB_Right	19.73	/	/	21.23	/	/	<=30	Pass
		Outer_Full	19.57	/	/	21.07	/	/	<=30	Pass
		Inner_Full	20.92	/	/	22.42	/	/	<=30	Pass
		Inner_1RB_Left	21.13	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Right	21.17	/	/	22.67	/	/	<=30	Pass
	3975	Edge_1RB_Left	20.45	/	/	21.95	/	/	<=30	Pass
		Edge_1RB_Right	20.53	/	/	22.03	/	/	<=30	Pass
		Outer_Full	20.52	/	/	22.02	/	/	<=30	Pass
		Inner_Full	21.69	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Left	21.84	/	/	23.34	/	/	<=30	Pass
		Inner_1RB_Right	21.9	/	/	23.4	/	/	<=30	Pass

CP-OFDM 16 QAM	3705	Edge_1RB_Left	19.48	/	/	20.98	/	/	<=30	Pass
		Edge_1RB_Right	19.75	/	/	21.25	/	/	<=30	Pass
		Outer_Full	19.64	/	/	21.14	/	/	<=30	Pass
		Inner_Full	20.97	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Left	20.53	/	/	22.03	/	/	<=30	Pass
		Inner_1RB_Right	20.62	/	/	22.12	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.35	/	/	20.85	/	/	<=30	Pass
		Edge_1RB_Right	19.58	/	/	21.08	/	/	<=30	Pass
		Outer_Full	19.46	/	/	20.96	/	/	<=30	Pass
		Inner_Full	20.88	/	/	22.38	/	/	<=30	Pass
		Inner_1RB_Left	20.29	/	/	21.79	/	/	<=30	Pass
		Inner_1RB_Right	20.46	/	/	21.96	/	/	<=30	Pass
	3975	Edge_1RB_Left	20.39	/	/	21.89	/	/	<=30	Pass
		Edge_1RB_Right	20.25	/	/	21.75	/	/	<=30	Pass
		Outer_Full	20.4	/	/	21.9	/	/	<=30	Pass
		Inner_Full	21.52	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Left	21.32	/	/	22.82	/	/	<=30	Pass
		Inner_1RB_Right	21.33	/	/	22.83	/	/	<=30	Pass
CP-OFDM 64 QAM	3705	Edge_1RB_Left	19.46	/	/	20.96	/	/	<=30	Pass
		Edge_1RB_Right	19.64	/	/	21.14	/	/	<=30	Pass
		Outer_Full	19.26	/	/	20.76	/	/	<=30	Pass
		Inner_Full	19.43	/	/	20.93	/	/	<=30	Pass
		Inner_1RB_Left	19.45	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Right	19.57	/	/	21.07	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.39	/	/	20.89	/	/	<=30	Pass
		Edge_1RB_Right	19.52	/	/	21.02	/	/	<=30	Pass
		Outer_Full	19.14	/	/	20.64	/	/	<=30	Pass
		Inner_Full	19.27	/	/	20.77	/	/	<=30	Pass
		Inner_1RB_Left	19.35	/	/	20.85	/	/	<=30	Pass
		Inner_1RB_Right	19.42	/	/	20.92	/	/	<=30	Pass
	3975	Edge_1RB_Left	20.25	/	/	21.75	/	/	<=30	Pass
		Edge_1RB_Right	20.25	/	/	21.75	/	/	<=30	Pass
		Outer_Full	20	/	/	21.5	/	/	<=30	Pass
		Inner_Full	20.07	/	/	21.57	/	/	<=30	Pass
		Inner_1RB_Left	20.25	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Right	20.22	/	/	21.72	/	/	<=30	Pass
CP-OFDM 256 QAM	3705	Edge_1RB_Left	16.31	/	/	17.81	/	/	<=30	Pass
		Edge_1RB_Right	16.49	/	/	17.99	/	/	<=30	Pass
		Outer_Full	16.4	/	/	17.9	/	/	<=30	Pass
		Inner_Full	16.53	/	/	18.03	/	/	<=30	Pass
		Inner_1RB_Left	16.35	/	/	17.85	/	/	<=30	Pass
		Inner_1RB_Right	16.51	/	/	18.01	/	/	<=30	Pass
	3840	Edge_1RB_Left	16.24	/	/	17.74	/	/	<=30	Pass
		Edge_1RB_Right	16.34	/	/	17.84	/	/	<=30	Pass
		Outer_Full	16.21	/	/	17.71	/	/	<=30	Pass
		Inner_Full	16.2	/	/	17.7	/	/	<=30	Pass
		Inner_1RB_Left	16.23	/	/	17.73	/	/	<=30	Pass
		Inner_1RB_Right	16.33	/	/	17.83	/	/	<=30	Pass
	3975	Edge_1RB_Left	17.13	/	/	18.63	/	/	<=30	Pass
		Edge_1RB_Right	17.21	/	/	18.71	/	/	<=30	Pass
		Outer_Full	17.07	/	/	18.57	/	/	<=30	Pass
		Inner_Full	17.2	/	/	18.7	/	/	<=30	Pass
		Inner_1RB_Left	17.17	/	/	18.67	/	/	<=30	Pass
		Inner_1RB_Right	17.17	/	/	18.67	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30k_SISO_15MHz_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 15MHz 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	3707.52	Edge 1RB Left	22.23	/	/	23.73	/	/	<=30	Pass
		Edge 1RB Right	22.4	/	/	23.9	/	/	<=30	Pass
		Outer Full	22.38	/	/	23.88	/	/	<=30	Pass
		Inner Full	22.82	/	/	24.32	/	/	<=30	Pass
		Inner 1RB Left	22.69	/	/	24.19	/	/	<=30	Pass
		Inner 1RB Right	22.92	/	/	24.42	/	/	<=30	Pass
	3840	Edge 1RB Left	22.02	/	/	23.52	/	/	<=30	Pass
		Edge 1RB Right	22.19	/	/	23.69	/	/	<=30	Pass
		Outer Full	22.07	/	/	23.57	/	/	<=30	Pass
		Inner Full	22.64	/	/	24.14	/	/	<=30	Pass
		Inner 1RB Left	22.48	/	/	23.98	/	/	<=30	Pass
		Inner 1RB Right	22.67	/	/	24.17	/	/	<=30	Pass
	3972.48	Edge 1RB Left	23.03	/	/	24.53	/	/	<=30	Pass
		Edge 1RB Right	23.06	/	/	24.56	/	/	<=30	Pass
		Outer Full	23.09	/	/	24.59	/	/	<=30	Pass
		Inner Full	23.52	/	/	25.02	/	/	<=30	Pass
		Inner 1RB Left	23.46	/	/	24.96	/	/	<=30	Pass
		Inner 1RB Right	23.51	/	/	25.01	/	/	<=30	Pass
DFT-s-OFDM QPSK	3707.52	Edge 1RB Left	21.64	/	/	23.14	/	/	<=30	Pass
		Edge 1RB Right	21.91	/	/	23.41	/	/	<=30	Pass
		Outer Full	21.82	/	/	23.32	/	/	<=30	Pass
		Inner Full	22.91	/	/	24.41	/	/	<=30	Pass
		Inner 1RB Left	22.64	/	/	24.14	/	/	<=30	Pass
		Inner 1RB Right	22.89	/	/	24.39	/	/	<=30	Pass
	3840	Edge 1RB Left	21.42	/	/	22.92	/	/	<=30	Pass
		Edge 1RB Right	21.62	/	/	23.12	/	/	<=30	Pass
		Outer Full	21.6	/	/	23.1	/	/	<=30	Pass
		Inner Full	22.49	/	/	23.99	/	/	<=30	Pass
		Inner 1RB Left	22.44	/	/	23.94	/	/	<=30	Pass
		Inner 1RB Right	22.59	/	/	24.09	/	/	<=30	Pass
	3972.48	Edge 1RB Left	22.52	/	/	24.02	/	/	<=30	Pass
		Edge 1RB Right	22.6	/	/	24.1	/	/	<=30	Pass
		Outer Full	22.58	/	/	24.08	/	/	<=30	Pass
		Inner Full	23.5	/	/	25	/	/	<=30	Pass
		Inner 1RB Left	23.39	/	/	24.89	/	/	<=30	Pass
		Inner 1RB Right	23.59	/	/	25.09	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3707.52	Edge 1RB Left	20.71	/	/	22.21	/	/	<=30	Pass
		Edge 1RB Right	20.89	/	/	22.39	/	/	<=30	Pass
		Outer Full	20.9	/	/	22.4	/	/	<=30	Pass
		Inner Full	21.74	/	/	23.24	/	/	<=30	Pass
		Inner 1RB Left	21.52	/	/	23.02	/	/	<=30	Pass
		Inner 1RB Right	21.88	/	/	23.38	/	/	<=30	Pass
	3840	Edge 1RB Left	20.48	/	/	21.98	/	/	<=30	Pass
		Edge 1RB Right	20.71	/	/	22.21	/	/	<=30	Pass
		Outer Full	20.65	/	/	22.15	/	/	<=30	Pass
		Inner Full	21.56	/	/	23.06	/	/	<=30	Pass
		Inner 1RB Left	21.29	/	/	22.79	/	/	<=30	Pass
		Inner 1RB Right	21.56	/	/	23.06	/	/	<=30	Pass
	3972.48	Edge 1RB Left	21.43	/	/	22.93	/	/	<=30	Pass
		Edge 1RB Right	21.45	/	/	22.95	/	/	<=30	Pass
		Outer Full	21.65	/	/	23.15	/	/	<=30	Pass
		Inner Full	22.47	/	/	23.97	/	/	<=30	Pass
		Inner 1RB Left	22.24	/	/	23.74	/	/	<=30	Pass
		Inner 1RB Right	22.33	/	/	23.83	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3707.52	Edge 1RB Left	20.49	/	/	21.99	/	/	<=30	Pass
		Edge 1RB Right	20.74	/	/	22.24	/	/	<=30	Pass

		Outer_Full	20.41	/	/	21.91	/	/	<=30	Pass
		Inner_Full	20.53	/	/	22.03	/	/	<=30	Pass
		Inner_1RB_Left	20.53	/	/	22.03	/	/	<=30	Pass
		Inner_1RB_Right	20.8	/	/	22.3	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.3	/	/	21.8	/	/	<=30	Pass
		Edge_1RB_Right	20.49	/	/	21.99	/	/	<=30	Pass
		Outer_Full	20.11	/	/	21.61	/	/	<=30	Pass
		Inner_Full	20.26	/	/	21.76	/	/	<=30	Pass
		Inner_1RB_Left	20.35	/	/	21.85	/	/	<=30	Pass
		Inner_1RB_Right	20.48	/	/	21.98	/	/	<=30	Pass
	3972.48	Edge_1RB_Left	21.33	/	/	22.83	/	/	<=30	Pass
		Edge_1RB_Right	21.44	/	/	22.94	/	/	<=30	Pass
		Outer_Full	21.13	/	/	22.63	/	/	<=30	Pass
		Inner_Full	21.25	/	/	22.75	/	/	<=30	Pass
		Inner_1RB_Left	21.39	/	/	22.89	/	/	<=30	Pass
		Inner_1RB_Right	21.35	/	/	22.85	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3707.52	Edge_1RB_Left	18.32	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Right	18.58	/	/	20.08	/	/	<=30	Pass
		Outer_Full	18.43	/	/	19.93	/	/	<=30	Pass
		Inner_Full	18.51	/	/	20.01	/	/	<=30	Pass
		Inner_1RB_Left	18.31	/	/	19.81	/	/	<=30	Pass
		Inner_1RB_Right	18.56	/	/	20.06	/	/	<=30	Pass
	3840	Edge_1RB_Left	18.13	/	/	19.63	/	/	<=30	Pass
		Edge_1RB_Right	18.36	/	/	19.86	/	/	<=30	Pass
		Outer_Full	18.18	/	/	19.68	/	/	<=30	Pass
		Inner_Full	18.18	/	/	19.68	/	/	<=30	Pass
		Inner_1RB_Left	18.14	/	/	19.64	/	/	<=30	Pass
		Inner_1RB_Right	18.32	/	/	19.82	/	/	<=30	Pass
	3972.48	Edge_1RB_Left	19.18	/	/	20.68	/	/	<=30	Pass
		Edge_1RB_Right	19.2	/	/	20.7	/	/	<=30	Pass
		Outer_Full	19.21	/	/	20.71	/	/	<=30	Pass
		Inner_Full	19.23	/	/	20.73	/	/	<=30	Pass
		Inner_1RB_Left	19.15	/	/	20.65	/	/	<=30	Pass
		Inner_1RB_Right	19.21	/	/	20.71	/	/	<=30	Pass
CP-OFDM QPSK	3707.52	Edge_1RB_Left	19.73	/	/	21.23	/	/	<=30	Pass
		Edge_1RB_Right	19.93	/	/	21.43	/	/	<=30	Pass
		Outer_Full	19.91	/	/	21.41	/	/	<=30	Pass
		Inner_Full	21.28	/	/	22.78	/	/	<=30	Pass
		Inner_1RB_Left	21.11	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Right	21.4	/	/	22.9	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.63	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Right	19.68	/	/	21.18	/	/	<=30	Pass
		Outer_Full	19.63	/	/	21.13	/	/	<=30	Pass
		Inner_Full	21.02	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Left	20.94	/	/	22.44	/	/	<=30	Pass
		Inner_1RB_Right	21.23	/	/	22.73	/	/	<=30	Pass
	3972.48	Edge_1RB_Left	20.63	/	/	22.13	/	/	<=30	Pass
		Edge_1RB_Right	20.48	/	/	21.98	/	/	<=30	Pass
		Outer_Full	20.65	/	/	22.15	/	/	<=30	Pass
		Inner_Full	22.01	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Left	21.99	/	/	23.49	/	/	<=30	Pass
		Inner_1RB_Right	22	/	/	23.5	/	/	<=30	Pass
CP-OFDM 16 QAM	3707.52	Edge_1RB_Left	19.58	/	/	21.08	/	/	<=30	Pass
		Edge_1RB_Right	19.88	/	/	21.38	/	/	<=30	Pass
		Outer_Full	19.94	/	/	21.44	/	/	<=30	Pass
		Inner_Full	20.84	/	/	22.34	/	/	<=30	Pass
		Inner_1RB_Left	20.62	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Right	20.8	/	/	22.3	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.43	/	/	20.93	/	/	<=30	Pass

		Edge_1RB_Right	19.57	/	/	21.07	/	/	<=30	Pass
		Outer_Full	19.68	/	/	21.18	/	/	<=30	Pass
		Inner_Full	20.52	/	/	22.02	/	/	<=30	Pass
		Inner_1RB_Left	20.38	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Right	20.55	/	/	22.05	/	/	<=30	Pass
	3972.48	Edge_1RB_Left	20.49	/	/	21.99	/	/	<=30	Pass
		Edge_1RB_Right	20.5	/	/	22	/	/	<=30	Pass
		Outer_Full	20.67	/	/	22.17	/	/	<=30	Pass
		Inner_Full	21.61	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Left	21.45	/	/	22.95	/	/	<=30	Pass
		Inner_1RB_Right	21.37	/	/	22.87	/	/	<=30	Pass
	CP-OFDM 64 QAM	3707.52	Edge_1RB_Left	19.48	/	/	20.98	/	/	<=30
Edge_1RB_Right			19.63	/	/	21.13	/	/	<=30	Pass
Outer_Full			19.42	/	/	20.92	/	/	<=30	Pass
Inner_Full			19.4	/	/	20.9	/	/	<=30	Pass
Inner_1RB_Left			19.54	/	/	21.04	/	/	<=30	Pass
Inner_1RB_Right			19.67	/	/	21.17	/	/	<=30	Pass
3840		Edge_1RB_Left	19.36	/	/	20.86	/	/	<=30	Pass
		Edge_1RB_Right	19.39	/	/	20.89	/	/	<=30	Pass
		Outer_Full	19.27	/	/	20.77	/	/	<=30	Pass
		Inner_Full	19.17	/	/	20.67	/	/	<=30	Pass
		Inner_1RB_Left	19.25	/	/	20.75	/	/	<=30	Pass
		Inner_1RB_Right	19.44	/	/	20.94	/	/	<=30	Pass
3972.48		Edge_1RB_Left	20.3	/	/	21.8	/	/	<=30	Pass
		Edge_1RB_Right	20.37	/	/	21.87	/	/	<=30	Pass
		Outer_Full	20.24	/	/	21.74	/	/	<=30	Pass
		Inner_Full	20.17	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Left	20.31	/	/	21.81	/	/	<=30	Pass
		Inner_1RB_Right	20.32	/	/	21.82	/	/	<=30	Pass
CP-OFDM 256 QAM	3707.52	Edge_1RB_Left	16.41	/	/	17.91	/	/	<=30	Pass
		Edge_1RB_Right	16.69	/	/	18.19	/	/	<=30	Pass
		Outer_Full	16.57	/	/	18.07	/	/	<=30	Pass
		Inner_Full	16.61	/	/	18.11	/	/	<=30	Pass
		Inner_1RB_Left	16.4	/	/	17.9	/	/	<=30	Pass
		Inner_1RB_Right	16.68	/	/	18.18	/	/	<=30	Pass
	3840	Edge_1RB_Left	16.26	/	/	17.76	/	/	<=30	Pass
		Edge_1RB_Right	16.5	/	/	18	/	/	<=30	Pass
		Outer_Full	16.34	/	/	17.84	/	/	<=30	Pass
		Inner_Full	16.3	/	/	17.8	/	/	<=30	Pass
		Inner_1RB_Left	16.24	/	/	17.74	/	/	<=30	Pass
		Inner_1RB_Right	16.47	/	/	17.97	/	/	<=30	Pass
	3972.48	Edge_1RB_Left	17.26	/	/	18.76	/	/	<=30	Pass
		Edge_1RB_Right	17.28	/	/	18.78	/	/	<=30	Pass
		Outer_Full	17.32	/	/	18.82	/	/	<=30	Pass
Inner_Full		17.38	/	/	18.88	/	/	<=30	Pass	
Inner_1RB_Left		17.32	/	/	18.82	/	/	<=30	Pass	
	Inner_1RB_Right	17.31	/	/	18.81	/	/	<=30	Pass	
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30k_SISO_20MHz_NTNV_EIRP

5G NR n77a 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	22.23	/	/	23.73	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	24.05	/	/	<=30	Pass
		Outer_Full	22.45	/	/	23.95	/	/	<=30	Pass

		Inner_Full	22.89	/	/	24.39	/	/	<=30	Pass
		Inner_1RB_Left	22.71	/	/	24.21	/	/	<=30	Pass
		Inner_1RB_Right	22.93	/	/	24.43	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.06	/	/	23.56	/	/	<=30	Pass
		Edge_1RB_Right	22.29	/	/	23.79	/	/	<=30	Pass
		Outer_Full	22.19	/	/	23.69	/	/	<=30	Pass
		Inner_Full	22.5	/	/	24	/	/	<=30	Pass
		Inner_1RB_Left	22.52	/	/	24.02	/	/	<=30	Pass
		Inner_1RB_Right	22.67	/	/	24.17	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	23	/	/	24.5	/	/	<=30	Pass
		Edge_1RB_Right	23.1	/	/	24.6	/	/	<=30	Pass
		Outer_Full	23.09	/	/	24.59	/	/	<=30	Pass
		Inner_Full	23.47	/	/	24.97	/	/	<=30	Pass
		Inner_1RB_Left	23.43	/	/	24.93	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	24.99	/	/	<=30	Pass
DFT-s-OFDM QPSK	3710.01	Edge_1RB_Left	21.76	/	/	23.26	/	/	<=30	Pass
		Edge_1RB_Right	21.94	/	/	23.44	/	/	<=30	Pass
		Outer_Full	21.97	/	/	23.47	/	/	<=30	Pass
		Inner_Full	22.95	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Left	22.75	/	/	24.25	/	/	<=30	Pass
		Inner_1RB_Right	23.02	/	/	24.52	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.56	/	/	23.06	/	/	<=30	Pass
		Edge_1RB_Right	21.77	/	/	23.27	/	/	<=30	Pass
		Outer_Full	21.67	/	/	23.17	/	/	<=30	Pass
		Inner_Full	22.61	/	/	24.11	/	/	<=30	Pass
		Inner_1RB_Left	22.52	/	/	24.02	/	/	<=30	Pass
		Inner_1RB_Right	22.74	/	/	24.24	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	22.46	/	/	23.96	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	24.06	/	/	<=30	Pass
		Outer_Full	22.53	/	/	24.03	/	/	<=30	Pass
		Inner_Full	23.64	/	/	25.14	/	/	<=30	Pass
		Inner_1RB_Left	23.4	/	/	24.9	/	/	<=30	Pass
		Inner_1RB_Right	23.5	/	/	25	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Edge_1RB_Left	20.67	/	/	22.17	/	/	<=30	Pass
		Edge_1RB_Right	20.88	/	/	22.38	/	/	<=30	Pass
		Outer_Full	20.99	/	/	22.49	/	/	<=30	Pass
		Inner_Full	22	/	/	23.5	/	/	<=30	Pass
		Inner_1RB_Left	21.68	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Right	21.9	/	/	23.4	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.47	/	/	21.97	/	/	<=30	Pass
		Edge_1RB_Right	20.62	/	/	22.12	/	/	<=30	Pass
		Outer_Full	20.72	/	/	22.22	/	/	<=30	Pass
		Inner_Full	21.6	/	/	23.1	/	/	<=30	Pass
		Inner_1RB_Left	21.39	/	/	22.89	/	/	<=30	Pass
		Inner_1RB_Right	21.6	/	/	23.1	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	21.4	/	/	22.9	/	/	<=30	Pass
		Edge_1RB_Right	21.56	/	/	23.06	/	/	<=30	Pass
		Outer_Full	21.66	/	/	23.16	/	/	<=30	Pass
		Inner_Full	22.51	/	/	24.01	/	/	<=30	Pass
		Inner_1RB_Left	22.3	/	/	23.8	/	/	<=30	Pass
		Inner_1RB_Right	22.43	/	/	23.93	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3710.01	Edge_1RB_Left	20.58	/	/	22.08	/	/	<=30	Pass
		Edge_1RB_Right	20.75	/	/	22.25	/	/	<=30	Pass
		Outer_Full	20.47	/	/	21.97	/	/	<=30	Pass
		Inner_Full	20.52	/	/	22.02	/	/	<=30	Pass
		Inner_1RB_Left	20.54	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Right	20.94	/	/	22.44	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.31	/	/	21.81	/	/	<=30	Pass
		Edge_1RB_Right	20.71	/	/	22.21	/	/	<=30	Pass

		Outer_Full	20.2	/	/	21.7	/	/	<=30	Pass
		Inner_Full	20.21	/	/	21.71	/	/	<=30	Pass
		Inner_1RB_Left	20.41	/	/	21.91	/	/	<=30	Pass
		Inner_1RB_Right	20.74	/	/	22.24	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	21.41	/	/	22.91	/	/	<=30	Pass
		Edge_1RB_Right	21.46	/	/	22.96	/	/	<=30	Pass
		Outer_Full	21.1	/	/	22.6	/	/	<=30	Pass
		Inner_Full	21.2	/	/	22.7	/	/	<=30	Pass
		Inner_1RB_Left	21.25	/	/	22.75	/	/	<=30	Pass
		Inner_1RB_Right	21.41	/	/	22.91	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3710.01	Edge_1RB_Left	18.37	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	18.68	/	/	20.18	/	/	<=30	Pass
		Outer_Full	18.57	/	/	20.07	/	/	<=30	Pass
		Inner_Full	18.58	/	/	20.08	/	/	<=30	Pass
		Inner_1RB_Left	18.39	/	/	19.89	/	/	<=30	Pass
		Inner_1RB_Right	18.65	/	/	20.15	/	/	<=30	Pass
	3840	Edge_1RB_Left	18.22	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	18.45	/	/	19.95	/	/	<=30	Pass
		Outer_Full	18.21	/	/	19.71	/	/	<=30	Pass
		Inner_Full	18.2	/	/	19.7	/	/	<=30	Pass
		Inner_1RB_Left	18.19	/	/	19.69	/	/	<=30	Pass
		Inner_1RB_Right	18.4	/	/	19.9	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	19.18	/	/	20.68	/	/	<=30	Pass
		Edge_1RB_Right	19.2	/	/	20.7	/	/	<=30	Pass
		Outer_Full	19.2	/	/	20.7	/	/	<=30	Pass
		Inner_Full	19.23	/	/	20.73	/	/	<=30	Pass
		Inner_1RB_Left	19.14	/	/	20.64	/	/	<=30	Pass
		Inner_1RB_Right	19.18	/	/	20.68	/	/	<=30	Pass
CP-OFDM QPSK	3710.01	Edge_1RB_Left	19.69	/	/	21.19	/	/	<=30	Pass
		Edge_1RB_Right	20	/	/	21.5	/	/	<=30	Pass
		Outer_Full	20.05	/	/	21.55	/	/	<=30	Pass
		Inner_Full	21.35	/	/	22.85	/	/	<=30	Pass
		Inner_1RB_Left	21.33	/	/	22.83	/	/	<=30	Pass
		Inner_1RB_Right	21.55	/	/	23.05	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.62	/	/	21.12	/	/	<=30	Pass
		Edge_1RB_Right	19.85	/	/	21.35	/	/	<=30	Pass
		Outer_Full	19.78	/	/	21.28	/	/	<=30	Pass
		Inner_Full	21.16	/	/	22.66	/	/	<=30	Pass
		Inner_1RB_Left	20.9	/	/	22.4	/	/	<=30	Pass
		Inner_1RB_Right	21.2	/	/	22.7	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	20.6	/	/	22.1	/	/	<=30	Pass
		Edge_1RB_Right	20.58	/	/	22.08	/	/	<=30	Pass
		Outer_Full	20.68	/	/	22.18	/	/	<=30	Pass
		Inner_Full	22.09	/	/	23.59	/	/	<=30	Pass
		Inner_1RB_Left	21.97	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Right	21.97	/	/	23.47	/	/	<=30	Pass
CP-OFDM 16 QAM	3710.01	Edge_1RB_Left	19.69	/	/	21.19	/	/	<=30	Pass
		Edge_1RB_Right	19.89	/	/	21.39	/	/	<=30	Pass
		Outer_Full	19.99	/	/	21.49	/	/	<=30	Pass
		Inner_Full	21.06	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Left	20.61	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Right	20.88	/	/	22.38	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.49	/	/	20.99	/	/	<=30	Pass
		Edge_1RB_Right	19.82	/	/	21.32	/	/	<=30	Pass
		Outer_Full	19.67	/	/	21.17	/	/	<=30	Pass
		Inner_Full	20.7	/	/	22.2	/	/	<=30	Pass
		Inner_1RB_Left	20.47	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Right	20.71	/	/	22.21	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	20.46	/	/	21.96	/	/	<=30	Pass

		Edge_1RB_Right	20.49	/	/	21.99	/	/	<=30	Pass
		Outer_Full	20.55	/	/	22.05	/	/	<=30	Pass
		Inner_Full	21.73	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Left	21.48	/	/	22.98	/	/	<=30	Pass
		Inner_1RB_Right	21.56	/	/	23.06	/	/	<=30	Pass
CP-OFDM 64 QAM	3710.01	Edge_1RB_Left	19.42	/	/	20.92	/	/	<=30	Pass
		Edge_1RB_Right	19.79	/	/	21.29	/	/	<=30	Pass
		Outer_Full	19.6	/	/	21.1	/	/	<=30	Pass
		Inner_Full	19.66	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Left	19.47	/	/	20.97	/	/	<=30	Pass
		Inner_1RB_Right	19.84	/	/	21.34	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.27	/	/	20.77	/	/	<=30	Pass
		Edge_1RB_Right	19.62	/	/	21.12	/	/	<=30	Pass
		Outer_Full	19.21	/	/	20.71	/	/	<=30	Pass
		Inner_Full	19.26	/	/	20.76	/	/	<=30	Pass
		Inner_1RB_Left	19.36	/	/	20.86	/	/	<=30	Pass
		Inner_1RB_Right	19.61	/	/	21.11	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	20.28	/	/	21.78	/	/	<=30	Pass
		Edge_1RB_Right	20.36	/	/	21.86	/	/	<=30	Pass
		Outer_Full	20.2	/	/	21.7	/	/	<=30	Pass
		Inner_Full	20.23	/	/	21.73	/	/	<=30	Pass
		Inner_1RB_Left	20.24	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Right	20.4	/	/	21.9	/	/	<=30	Pass
CP-OFDM 256 QAM	3710.01	Edge_1RB_Left	16.39	/	/	17.89	/	/	<=30	Pass
		Edge_1RB_Right	16.74	/	/	18.24	/	/	<=30	Pass
		Outer_Full	16.64	/	/	18.14	/	/	<=30	Pass
		Inner_Full	16.61	/	/	18.11	/	/	<=30	Pass
		Inner_1RB_Left	16.5	/	/	18	/	/	<=30	Pass
		Inner_1RB_Right	16.73	/	/	18.23	/	/	<=30	Pass
	3840	Edge_1RB_Left	16.32	/	/	17.82	/	/	<=30	Pass
		Edge_1RB_Right	16.56	/	/	18.06	/	/	<=30	Pass
		Outer_Full	16.33	/	/	17.83	/	/	<=30	Pass
		Inner_Full	16.3	/	/	17.8	/	/	<=30	Pass
		Inner_1RB_Left	16.3	/	/	17.8	/	/	<=30	Pass
		Inner_1RB_Right	16.53	/	/	18.03	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	17.3	/	/	18.8	/	/	<=30	Pass
		Edge_1RB_Right	17.34	/	/	18.84	/	/	<=30	Pass
		Outer_Full	17.27	/	/	18.77	/	/	<=30	Pass
		Inner_Full	17.27	/	/	18.77	/	/	<=30	Pass
		Inner_1RB_Left	17.31	/	/	18.81	/	/	<=30	Pass
		Inner_1RB_Right	17.38	/	/	18.88	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30k_SISO_25MHz_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 25MHz 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	3712.5	Edge_1RB_Left	22.32	/	/	23.82	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	23.98	/	/	<=30	Pass
		Outer_Full	22.47	/	/	23.97	/	/	<=30	Pass
		Inner_Full	23.01	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Left	22.75	/	/	24.25	/	/	<=30	Pass
		Inner_1RB_Right	22.96	/	/	24.46	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.01	/	/	23.51	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	23.75	/	/	<=30	Pass
		Outer_Full	22.17	/	/	23.67	/	/	<=30	Pass

		Inner_Full	22.59	/	/	24.09	/	/	<=30	Pass
		Inner_1RB_Left	22.51	/	/	24.01	/	/	<=30	Pass
		Inner_1RB_Right	22.68	/	/	24.18	/	/	<=30	Pass
	3967.5	Edge_1RB_Left	22.84	/	/	24.34	/	/	<=30	Pass
		Edge_1RB_Right	22.92	/	/	24.42	/	/	<=30	Pass
		Outer_Full	23.05	/	/	24.55	/	/	<=30	Pass
		Inner_Full	23.45	/	/	24.95	/	/	<=30	Pass
		Inner_1RB_Left	23.37	/	/	24.87	/	/	<=30	Pass
		Inner_1RB_Right	23.4	/	/	24.9	/	/	<=30	Pass
DFT-s-OFDM QPSK	3712.5	Edge_1RB_Left	21.74	/	/	23.24	/	/	<=30	Pass
		Edge_1RB_Right	22	/	/	23.5	/	/	<=30	Pass
		Outer_Full	22.03	/	/	23.53	/	/	<=30	Pass
		Inner_Full	22.91	/	/	24.41	/	/	<=30	Pass
		Inner_1RB_Left	22.72	/	/	24.22	/	/	<=30	Pass
		Inner_1RB_Right	22.95	/	/	24.45	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.5	/	/	23	/	/	<=30	Pass
		Edge_1RB_Right	21.8	/	/	23.3	/	/	<=30	Pass
		Outer_Full	21.66	/	/	23.16	/	/	<=30	Pass
		Inner_Full	22.54	/	/	24.04	/	/	<=30	Pass
		Inner_1RB_Left	22.51	/	/	24.01	/	/	<=30	Pass
		Inner_1RB_Right	22.69	/	/	24.19	/	/	<=30	Pass
	3967.5	Edge_1RB_Left	22.27	/	/	23.77	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	23.95	/	/	<=30	Pass
		Outer_Full	22.52	/	/	24.02	/	/	<=30	Pass
		Inner_Full	23.43	/	/	24.93	/	/	<=30	Pass
		Inner_1RB_Left	23.34	/	/	24.84	/	/	<=30	Pass
		Inner_1RB_Right	23.37	/	/	24.87	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3712.5	Edge_1RB_Left	20.59	/	/	22.09	/	/	<=30	Pass
		Edge_1RB_Right	20.95	/	/	22.45	/	/	<=30	Pass
		Outer_Full	21.05	/	/	22.55	/	/	<=30	Pass
		Inner_Full	21.94	/	/	23.44	/	/	<=30	Pass
		Inner_1RB_Left	21.61	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Right	21.96	/	/	23.46	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.52	/	/	22.02	/	/	<=30	Pass
		Edge_1RB_Right	20.79	/	/	22.29	/	/	<=30	Pass
		Outer_Full	20.7	/	/	22.2	/	/	<=30	Pass
		Inner_Full	21.62	/	/	23.12	/	/	<=30	Pass
		Inner_1RB_Left	21.44	/	/	22.94	/	/	<=30	Pass
		Inner_1RB_Right	21.71	/	/	23.21	/	/	<=30	Pass
	3967.5	Edge_1RB_Left	21.33	/	/	22.83	/	/	<=30	Pass
		Edge_1RB_Right	21.32	/	/	22.82	/	/	<=30	Pass
		Outer_Full	21.58	/	/	23.08	/	/	<=30	Pass
		Inner_Full	22.41	/	/	23.91	/	/	<=30	Pass
		Inner_1RB_Left	22.3	/	/	23.8	/	/	<=30	Pass
		Inner_1RB_Right	22.4	/	/	23.9	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3712.5	Edge_1RB_Left	20.56	/	/	22.06	/	/	<=30	Pass
		Edge_1RB_Right	20.91	/	/	22.41	/	/	<=30	Pass
		Outer_Full	20.62	/	/	22.12	/	/	<=30	Pass
		Inner_Full	20.64	/	/	22.14	/	/	<=30	Pass
		Inner_1RB_Left	20.68	/	/	22.18	/	/	<=30	Pass
		Inner_1RB_Right	20.81	/	/	22.31	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.48	/	/	21.98	/	/	<=30	Pass
		Edge_1RB_Right	20.74	/	/	22.24	/	/	<=30	Pass
		Outer_Full	20.28	/	/	21.78	/	/	<=30	Pass
		Inner_Full	20.24	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Left	20.5	/	/	22	/	/	<=30	Pass
		Inner_1RB_Right	20.62	/	/	22.12	/	/	<=30	Pass
	3967.5	Edge_1RB_Left	21.26	/	/	22.76	/	/	<=30	Pass
		Edge_1RB_Right	21.28	/	/	22.78	/	/	<=30	Pass

		Outer_Full	21.12	/	/	22.62	/	/	<=30	Pass
		Inner_Full	21.05	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Left	21.22	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Right	21.4	/	/	22.9	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3712.5	Edge_1RB_Left	18.36	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	18.69	/	/	20.19	/	/	<=30	Pass
		Outer_Full	18.65	/	/	20.15	/	/	<=30	Pass
		Inner_Full	18.57	/	/	20.07	/	/	<=30	Pass
		Inner_1RB_Left	18.38	/	/	19.88	/	/	<=30	Pass
		Inner_1RB_Right	18.68	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Left	18.26	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	18.52	/	/	20.02	/	/	<=30	Pass
	3840	Outer_Full	18.32	/	/	19.82	/	/	<=30	Pass
		Inner_Full	18.2	/	/	19.7	/	/	<=30	Pass
		Inner_1RB_Left	18.27	/	/	19.77	/	/	<=30	Pass
		Inner_1RB_Right	18.49	/	/	19.99	/	/	<=30	Pass
	3967.5	Edge_1RB_Left	19.1	/	/	20.6	/	/	<=30	Pass
		Edge_1RB_Right	19.12	/	/	20.62	/	/	<=30	Pass
		Outer_Full	19.19	/	/	20.69	/	/	<=30	Pass
		Inner_Full	19.08	/	/	20.58	/	/	<=30	Pass
		Inner_1RB_Left	19.08	/	/	20.58	/	/	<=30	Pass
		Inner_1RB_Right	19.12	/	/	20.62	/	/	<=30	Pass
		Edge_1RB_Left	19.84	/	/	21.34	/	/	<=30	Pass
		Edge_1RB_Right	20.02	/	/	21.52	/	/	<=30	Pass
CP-OFDM QPSK	3712.5	Outer_Full	20.06	/	/	21.56	/	/	<=30	Pass
		Inner_Full	21.51	/	/	23.01	/	/	<=30	Pass
		Inner_1RB_Left	21.21	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Right	21.66	/	/	23.16	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.59	/	/	21.09	/	/	<=30	Pass
		Edge_1RB_Right	19.84	/	/	21.34	/	/	<=30	Pass
		Outer_Full	19.76	/	/	21.26	/	/	<=30	Pass
		Inner_Full	21	/	/	22.5	/	/	<=30	Pass
	3967.5	Inner_1RB_Left	20.91	/	/	22.41	/	/	<=30	Pass
		Inner_1RB_Right	21.23	/	/	22.73	/	/	<=30	Pass
		Edge_1RB_Left	20.34	/	/	21.84	/	/	<=30	Pass
		Edge_1RB_Right	20.57	/	/	22.07	/	/	<=30	Pass
		Outer_Full	20.57	/	/	22.07	/	/	<=30	Pass
		Inner_Full	21.9	/	/	23.4	/	/	<=30	Pass
		Inner_1RB_Left	21.72	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Right	21.92	/	/	23.42	/	/	<=30	Pass
CP-OFDM 16 QAM	3712.5	Edge_1RB_Left	19.64	/	/	21.14	/	/	<=30	Pass
		Edge_1RB_Right	19.92	/	/	21.42	/	/	<=30	Pass
		Outer_Full	20.03	/	/	21.53	/	/	<=30	Pass
		Inner_Full	21.08	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Left	20.62	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Right	20.99	/	/	22.49	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.56	/	/	21.06	/	/	<=30	Pass
		Edge_1RB_Right	19.73	/	/	21.23	/	/	<=30	Pass
		Outer_Full	19.74	/	/	21.24	/	/	<=30	Pass
		Inner_Full	20.71	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Left	20.48	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Right	20.7	/	/	22.2	/	/	<=30	Pass
	3967.5	Edge_1RB_Left	20.41	/	/	21.91	/	/	<=30	Pass
		Edge_1RB_Right	20.44	/	/	21.94	/	/	<=30	Pass
		Outer_Full	20.5	/	/	22	/	/	<=30	Pass
		Inner_Full	21.6	/	/	23.1	/	/	<=30	Pass
		Inner_1RB_Left	21.35	/	/	22.85	/	/	<=30	Pass
		Inner_1RB_Right	21.36	/	/	22.86	/	/	<=30	Pass
CP-OFDM 64 QAM	3712.5	Edge_1RB_Left	19.52	/	/	21.02	/	/	<=30	Pass

		Edge 1RB Right	19.82	/	/	21.32	/	/	<=30	Pass	
		Outer Full	19.54	/	/	21.04	/	/	<=30	Pass	
		Inner Full	19.55	/	/	21.05	/	/	<=30	Pass	
		Inner 1RB Left	19.54	/	/	21.04	/	/	<=30	Pass	
		Inner 1RB Right	19.84	/	/	21.34	/	/	<=30	Pass	
	3840	Edge 1RB Left	19.45	/	/	20.95	/	/	<=30	Pass	
		Edge 1RB Right	19.66	/	/	21.16	/	/	<=30	Pass	
		Outer Full	19.21	/	/	20.71	/	/	<=30	Pass	
		Inner Full	19.22	/	/	20.72	/	/	<=30	Pass	
		Inner 1RB Left	19.42	/	/	20.92	/	/	<=30	Pass	
	3967.5	Inner 1RB Right	19.68	/	/	21.18	/	/	<=30	Pass	
		Edge 1RB Left	20.19	/	/	21.69	/	/	<=30	Pass	
		Edge 1RB Right	20.2	/	/	21.7	/	/	<=30	Pass	
		Outer Full	20.05	/	/	21.55	/	/	<=30	Pass	
		Inner Full	20.06	/	/	21.56	/	/	<=30	Pass	
	CP-OFDM 256 QAM	3712.5	Inner 1RB Left	20.14	/	/	21.64	/	/	<=30	Pass
			Inner 1RB Right	20.26	/	/	21.76	/	/	<=30	Pass
			Edge 1RB Left	16.44	/	/	17.94	/	/	<=30	Pass
Edge 1RB Right			16.75	/	/	18.25	/	/	<=30	Pass	
Outer Full			16.7	/	/	18.2	/	/	<=30	Pass	
Inner Full			16.63	/	/	18.13	/	/	<=30	Pass	
3840		Inner 1RB Left	16.5	/	/	18	/	/	<=30	Pass	
		Inner 1RB Right	16.8	/	/	18.3	/	/	<=30	Pass	
		Edge 1RB Left	16.32	/	/	17.82	/	/	<=30	Pass	
		Edge 1RB Right	16.57	/	/	18.07	/	/	<=30	Pass	
		Outer Full	16.31	/	/	17.81	/	/	<=30	Pass	
		Inner Full	16.27	/	/	17.77	/	/	<=30	Pass	
3967.5		Inner 1RB Left	16.35	/	/	17.85	/	/	<=30	Pass	
		Inner 1RB Right	16.61	/	/	18.11	/	/	<=30	Pass	
		Edge 1RB Left	17.16	/	/	18.66	/	/	<=30	Pass	
		Edge 1RB Right	17.16	/	/	18.66	/	/	<=30	Pass	
		Outer Full	17.21	/	/	18.71	/	/	<=30	Pass	
		Inner Full	17.18	/	/	18.68	/	/	<=30	Pass	
	Inner 1RB Left	17.16	/	/	18.66	/	/	<=30	Pass		
	Inner 1RB Right	17.26	/	/	18.76	/	/	<=30	Pass		
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.5 30k_SISO_30MHz_NTNV_EIRP

5G NR n77a 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	22.15	/	/	23.65	/	/	<=30	Pass
		Edge 1RB Right	22.39	/	/	23.89	/	/	<=30	Pass
		Outer Full	22.42	/	/	23.92	/	/	<=30	Pass
		Inner Full	22.89	/	/	24.39	/	/	<=30	Pass
		Inner 1RB Left	22.6	/	/	24.1	/	/	<=30	Pass
		Inner 1RB Right	22.84	/	/	24.34	/	/	<=30	Pass
	3840	Edge 1RB Left	22.13	/	/	23.63	/	/	<=30	Pass
		Edge 1RB Right	22.3	/	/	23.8	/	/	<=30	Pass
		Outer Full	22.15	/	/	23.65	/	/	<=30	Pass
		Inner Full	22.65	/	/	24.15	/	/	<=30	Pass
		Inner 1RB Left	22.57	/	/	24.07	/	/	<=30	Pass
	3964.98	Inner 1RB Right	22.76	/	/	24.26	/	/	<=30	Pass
		Edge 1RB Left	23	/	/	24.5	/	/	<=30	Pass
		Edge 1RB Right	23.08	/	/	24.58	/	/	<=30	Pass
		Outer Full	23.16	/	/	24.66	/	/	<=30	Pass

		Inner_Full	23.57	/	/	25.07	/	/	<=30	Pass
		Inner_1RB_Left	23.42	/	/	24.92	/	/	<=30	Pass
		Inner_1RB_Right	23.59	/	/	25.09	/	/	<=30	Pass
DFT-s-OFDM QPSK	3715.02	Edge_1RB_Left	21.67	/	/	23.17	/	/	<=30	Pass
		Edge_1RB_Right	21.84	/	/	23.34	/	/	<=30	Pass
		Outer_Full	21.92	/	/	23.42	/	/	<=30	Pass
		Inner_Full	22.9	/	/	24.4	/	/	<=30	Pass
		Inner_1RB_Left	22.58	/	/	24.08	/	/	<=30	Pass
		Inner_1RB_Right	22.79	/	/	24.29	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.6	/	/	23.1	/	/	<=30	Pass
		Edge_1RB_Right	21.77	/	/	23.27	/	/	<=30	Pass
		Outer_Full	21.66	/	/	23.16	/	/	<=30	Pass
		Inner_Full	22.5	/	/	24	/	/	<=30	Pass
		Inner_1RB_Left	22.59	/	/	24.09	/	/	<=30	Pass
		Inner_1RB_Right	22.82	/	/	24.32	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	22.41	/	/	23.91	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	24.07	/	/	<=30	Pass
		Outer_Full	22.68	/	/	24.18	/	/	<=30	Pass
		Inner_Full	23.6	/	/	25.1	/	/	<=30	Pass
		Inner_1RB_Left	23.41	/	/	24.91	/	/	<=30	Pass
		Inner_1RB_Right	23.53	/	/	25.03	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.02	Edge_1RB_Left	20.6	/	/	22.1	/	/	<=30	Pass
		Edge_1RB_Right	20.66	/	/	22.16	/	/	<=30	Pass
		Outer_Full	20.94	/	/	22.44	/	/	<=30	Pass
		Inner_Full	21.98	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Left	21.52	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Right	21.71	/	/	23.21	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.47	/	/	21.97	/	/	<=30	Pass
		Edge_1RB_Right	20.78	/	/	22.28	/	/	<=30	Pass
		Outer_Full	20.69	/	/	22.19	/	/	<=30	Pass
		Inner_Full	21.59	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Left	21.44	/	/	22.94	/	/	<=30	Pass
		Inner_1RB_Right	21.67	/	/	23.17	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	21.44	/	/	22.94	/	/	<=30	Pass
		Edge_1RB_Right	21.55	/	/	23.05	/	/	<=30	Pass
		Outer_Full	21.7	/	/	23.2	/	/	<=30	Pass
		Inner_Full	22.62	/	/	24.12	/	/	<=30	Pass
		Inner_1RB_Left	22.36	/	/	23.86	/	/	<=30	Pass
		Inner_1RB_Right	22.44	/	/	23.94	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3715.02	Edge_1RB_Left	20.43	/	/	21.93	/	/	<=30	Pass
		Edge_1RB_Right	20.64	/	/	22.14	/	/	<=30	Pass
		Outer_Full	20.48	/	/	21.98	/	/	<=30	Pass
		Inner_Full	20.49	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Left	20.5	/	/	22	/	/	<=30	Pass
		Inner_1RB_Right	20.63	/	/	22.13	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.42	/	/	21.92	/	/	<=30	Pass
		Edge_1RB_Right	20.67	/	/	22.17	/	/	<=30	Pass
		Outer_Full	20.26	/	/	21.76	/	/	<=30	Pass
		Inner_Full	20.14	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Left	20.47	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Right	20.68	/	/	22.18	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	21.38	/	/	22.88	/	/	<=30	Pass
		Edge_1RB_Right	21.37	/	/	22.87	/	/	<=30	Pass
		Outer_Full	21.27	/	/	22.77	/	/	<=30	Pass
		Inner_Full	21.18	/	/	22.68	/	/	<=30	Pass
		Inner_1RB_Left	21.45	/	/	22.95	/	/	<=30	Pass
		Inner_1RB_Right	21.44	/	/	22.94	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3715.02	Edge_1RB_Left	18.29	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	18.48	/	/	19.98	/	/	<=30	Pass

		Outer_Full	18.53	/	/	20.03	/	/	<=30	Pass
		Inner_Full	18.5	/	/	20	/	/	<=30	Pass
		Inner_1RB_Left	18.3	/	/	19.8	/	/	<=30	Pass
		Inner_1RB_Right	18.46	/	/	19.96	/	/	<=30	Pass
	3840	Edge_1RB_Left	18.31	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	18.53	/	/	20.03	/	/	<=30	Pass
		Outer_Full	18.29	/	/	19.79	/	/	<=30	Pass
		Inner_Full	18.2	/	/	19.7	/	/	<=30	Pass
		Inner_1RB_Left	18.24	/	/	19.74	/	/	<=30	Pass
		Inner_1RB_Right	18.52	/	/	20.02	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	19.25	/	/	20.75	/	/	<=30	Pass
		Edge_1RB_Right	19.3	/	/	20.8	/	/	<=30	Pass
		Outer_Full	19.34	/	/	20.84	/	/	<=30	Pass
		Inner_Full	19.26	/	/	20.76	/	/	<=30	Pass
		Inner_1RB_Left	19.27	/	/	20.77	/	/	<=30	Pass
		Inner_1RB_Right	19.27	/	/	20.77	/	/	<=30	Pass
CP-OFDM QPSK	3715.02	Edge_1RB_Left	19.64	/	/	21.14	/	/	<=30	Pass
		Edge_1RB_Right	19.83	/	/	21.33	/	/	<=30	Pass
		Outer_Full	20.05	/	/	21.55	/	/	<=30	Pass
		Inner_Full	21.33	/	/	22.83	/	/	<=30	Pass
		Inner_1RB_Left	21.05	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Right	21.28	/	/	22.78	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.76	/	/	21.26	/	/	<=30	Pass
		Edge_1RB_Right	19.9	/	/	21.4	/	/	<=30	Pass
		Outer_Full	19.79	/	/	21.29	/	/	<=30	Pass
		Inner_Full	21.03	/	/	22.53	/	/	<=30	Pass
		Inner_1RB_Left	21	/	/	22.5	/	/	<=30	Pass
		Inner_1RB_Right	21.4	/	/	22.9	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	20.77	/	/	22.27	/	/	<=30	Pass
		Edge_1RB_Right	20.81	/	/	22.31	/	/	<=30	Pass
		Outer_Full	20.79	/	/	22.29	/	/	<=30	Pass
		Inner_Full	22.07	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Left	22.02	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Right	21.98	/	/	23.48	/	/	<=30	Pass
CP-OFDM 16 QAM	3715.02	Edge_1RB_Left	19.49	/	/	20.99	/	/	<=30	Pass
		Edge_1RB_Right	19.71	/	/	21.21	/	/	<=30	Pass
		Outer_Full	20.01	/	/	21.51	/	/	<=30	Pass
		Inner_Full	20.99	/	/	22.49	/	/	<=30	Pass
		Inner_1RB_Left	20.54	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Right	20.72	/	/	22.22	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.51	/	/	21.01	/	/	<=30	Pass
		Edge_1RB_Right	19.94	/	/	21.44	/	/	<=30	Pass
		Outer_Full	19.82	/	/	21.32	/	/	<=30	Pass
		Inner_Full	20.68	/	/	22.18	/	/	<=30	Pass
		Inner_1RB_Left	20.51	/	/	22.01	/	/	<=30	Pass
		Inner_1RB_Right	20.77	/	/	22.27	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	20.49	/	/	21.99	/	/	<=30	Pass
		Edge_1RB_Right	20.55	/	/	22.05	/	/	<=30	Pass
		Outer_Full	20.74	/	/	22.24	/	/	<=30	Pass
		Inner_Full	21.67	/	/	23.17	/	/	<=30	Pass
		Inner_1RB_Left	21.52	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Right	21.53	/	/	23.03	/	/	<=30	Pass
CP-OFDM 64 QAM	3715.02	Edge_1RB_Left	19.49	/	/	20.99	/	/	<=30	Pass
		Edge_1RB_Right	19.68	/	/	21.18	/	/	<=30	Pass
		Outer_Full	19.48	/	/	20.98	/	/	<=30	Pass
		Inner_Full	19.57	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Left	19.5	/	/	21	/	/	<=30	Pass
		Inner_1RB_Right	19.59	/	/	21.09	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.42	/	/	20.92	/	/	<=30	Pass

		Edge_1RB_Right	19.64	/	/	21.14	/	/	<=30	Pass
		Outer_Full	19.28	/	/	20.78	/	/	<=30	Pass
		Inner_Full	19.26	/	/	20.76	/	/	<=30	Pass
		Inner_1RB_Left	19.36	/	/	20.86	/	/	<=30	Pass
		Inner_1RB_Right	19.63	/	/	21.13	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	20.35	/	/	21.85	/	/	<=30	Pass
		Edge_1RB_Right	20.4	/	/	21.9	/	/	<=30	Pass
		Outer_Full	20.29	/	/	21.79	/	/	<=30	Pass
		Inner_Full	20.25	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Left	20.33	/	/	21.83	/	/	<=30	Pass
		Inner_1RB_Right	20.39	/	/	21.89	/	/	<=30	Pass
	CP-OFDM 256 QAM	3715.02	Edge_1RB_Left	16.45	/	/	17.95	/	/	<=30
Edge_1RB_Right			16.65	/	/	18.15	/	/	<=30	Pass
Outer_Full			16.58	/	/	18.08	/	/	<=30	Pass
Inner_Full			16.57	/	/	18.07	/	/	<=30	Pass
Inner_1RB_Left			16.42	/	/	17.92	/	/	<=30	Pass
Inner_1RB_Right			16.6	/	/	18.1	/	/	<=30	Pass
3840		Edge_1RB_Left	16.4	/	/	17.9	/	/	<=30	Pass
		Edge_1RB_Right	16.62	/	/	18.12	/	/	<=30	Pass
		Outer_Full	16.33	/	/	17.83	/	/	<=30	Pass
		Inner_Full	16.26	/	/	17.76	/	/	<=30	Pass
		Inner_1RB_Left	16.4	/	/	17.9	/	/	<=30	Pass
		Inner_1RB_Right	16.58	/	/	18.08	/	/	<=30	Pass
3964.98		Edge_1RB_Left	17.31	/	/	18.81	/	/	<=30	Pass
		Edge_1RB_Right	17.41	/	/	18.91	/	/	<=30	Pass
		Outer_Full	17.31	/	/	18.81	/	/	<=30	Pass
		Inner_Full	17.3	/	/	18.8	/	/	<=30	Pass
		Inner_1RB_Left	17.32	/	/	18.82	/	/	<=30	Pass
		Inner_1RB_Right	17.33	/	/	18.83	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30k_SISO_40MHz_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 40MHz 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	3720	Edge_1RB_Left	22.21	/	/	23.71	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	23.78	/	/	<=30	Pass
		Outer_Full	22.46	/	/	23.96	/	/	<=30	Pass
		Inner_Full	23.1	/	/	24.6	/	/	<=30	Pass
		Inner_1RB_Left	22.66	/	/	24.16	/	/	<=30	Pass
		Inner_1RB_Right	22.8	/	/	24.3	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.29	/	/	23.79	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	23.91	/	/	<=30	Pass
		Outer_Full	22.32	/	/	23.82	/	/	<=30	Pass
		Inner_Full	22.69	/	/	24.19	/	/	<=30	Pass
		Inner_1RB_Left	22.74	/	/	24.24	/	/	<=30	Pass
		Inner_1RB_Right	22.88	/	/	24.38	/	/	<=30	Pass
	3960	Edge_1RB_Left	22.88	/	/	24.38	/	/	<=30	Pass
		Edge_1RB_Right	23.05	/	/	24.55	/	/	<=30	Pass
		Outer_Full	23.13	/	/	24.63	/	/	<=30	Pass
		Inner_Full	23.56	/	/	25.06	/	/	<=30	Pass
		Inner_1RB_Left	23.38	/	/	24.88	/	/	<=30	Pass
		Inner_1RB_Right	23.55	/	/	25.05	/	/	<=30	Pass
DFT-s-OFDM QPSK	3720	Edge_1RB_Left	21.72	/	/	23.22	/	/	<=30	Pass
		Edge_1RB_Right	21.74	/	/	23.24	/	/	<=30	Pass
		Outer_Full	21.99	/	/	23.49	/	/	<=30	Pass

		Inner_Full	23	/	/	24.5	/	/	<=30	Pass
		Inner_1RB_Left	22.69	/	/	24.19	/	/	<=30	Pass
		Inner_1RB_Right	22.73	/	/	24.23	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.74	/	/	23.24	/	/	<=30	Pass
		Edge_1RB_Right	21.9	/	/	23.4	/	/	<=30	Pass
		Outer_Full	21.78	/	/	23.28	/	/	<=30	Pass
		Inner_Full	22.64	/	/	24.14	/	/	<=30	Pass
		Inner_1RB_Left	22.7	/	/	24.2	/	/	<=30	Pass
		Inner_1RB_Right	22.9	/	/	24.4	/	/	<=30	Pass
	3960	Edge_1RB_Left	22.46	/	/	23.96	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	24.03	/	/	<=30	Pass
		Outer_Full	22.68	/	/	24.18	/	/	<=30	Pass
		Inner_Full	23.53	/	/	25.03	/	/	<=30	Pass
		Inner_1RB_Left	23.33	/	/	24.83	/	/	<=30	Pass
		Inner_1RB_Right	23.5	/	/	25	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Edge_1RB_Left	20.63	/	/	22.13	/	/	<=30	Pass
		Edge_1RB_Right	20.76	/	/	22.26	/	/	<=30	Pass
		Outer_Full	21.04	/	/	22.54	/	/	<=30	Pass
		Inner_Full	22.07	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Left	21.59	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Right	21.69	/	/	23.19	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.86	/	/	22.36	/	/	<=30	Pass
		Edge_1RB_Right	20.87	/	/	22.37	/	/	<=30	Pass
		Outer_Full	20.82	/	/	22.32	/	/	<=30	Pass
		Inner_Full	21.72	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Left	21.63	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Right	21.75	/	/	23.25	/	/	<=30	Pass
	3960	Edge_1RB_Left	21.33	/	/	22.83	/	/	<=30	Pass
		Edge_1RB_Right	21.47	/	/	22.97	/	/	<=30	Pass
		Outer_Full	21.66	/	/	23.16	/	/	<=30	Pass
		Inner_Full	22.58	/	/	24.08	/	/	<=30	Pass
		Inner_1RB_Left	22.2	/	/	23.7	/	/	<=30	Pass
		Inner_1RB_Right	22.29	/	/	23.79	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Edge_1RB_Left	20.48	/	/	21.98	/	/	<=30	Pass
		Edge_1RB_Right	20.6	/	/	22.1	/	/	<=30	Pass
		Outer_Full	20.61	/	/	22.11	/	/	<=30	Pass
		Inner_Full	20.63	/	/	22.13	/	/	<=30	Pass
		Inner_1RB_Left	20.51	/	/	22.01	/	/	<=30	Pass
		Inner_1RB_Right	20.59	/	/	22.09	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.69	/	/	22.19	/	/	<=30	Pass
		Edge_1RB_Right	20.8	/	/	22.3	/	/	<=30	Pass
		Outer_Full	20.34	/	/	21.84	/	/	<=30	Pass
		Inner_Full	20.25	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Left	20.67	/	/	22.17	/	/	<=30	Pass
		Inner_1RB_Right	20.76	/	/	22.26	/	/	<=30	Pass
	3960	Edge_1RB_Left	21.31	/	/	22.81	/	/	<=30	Pass
		Edge_1RB_Right	21.39	/	/	22.89	/	/	<=30	Pass
		Outer_Full	21.17	/	/	22.67	/	/	<=30	Pass
		Inner_Full	21.2	/	/	22.7	/	/	<=30	Pass
		Inner_1RB_Left	21.35	/	/	22.85	/	/	<=30	Pass
		Inner_1RB_Right	21.4	/	/	22.9	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3720	Edge_1RB_Left	18.31	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	18.46	/	/	19.96	/	/	<=30	Pass
		Outer_Full	18.61	/	/	20.11	/	/	<=30	Pass
		Inner_Full	18.68	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Left	18.34	/	/	19.84	/	/	<=30	Pass
		Inner_1RB_Right	18.46	/	/	19.96	/	/	<=30	Pass
	3840	Edge_1RB_Left	18.49	/	/	19.99	/	/	<=30	Pass
		Edge_1RB_Right	18.62	/	/	20.12	/	/	<=30	Pass

		Outer_Full	18.37	/	/	19.87	/	/	<=30	Pass
		Inner_Full	18.29	/	/	19.79	/	/	<=30	Pass
		Inner_1RB_Left	18.47	/	/	19.97	/	/	<=30	Pass
		Inner_1RB_Right	18.62	/	/	20.12	/	/	<=30	Pass
	3960	Edge_1RB_Left	19.16	/	/	20.66	/	/	<=30	Pass
		Edge_1RB_Right	19.21	/	/	20.71	/	/	<=30	Pass
		Outer_Full	19.28	/	/	20.78	/	/	<=30	Pass
		Inner_Full	19.25	/	/	20.75	/	/	<=30	Pass
		Inner_1RB_Left	19.13	/	/	20.63	/	/	<=30	Pass
		Inner_1RB_Right	19.26	/	/	20.76	/	/	<=30	Pass
CP-OFDM QPSK	3720	Edge_1RB_Left	19.72	/	/	21.22	/	/	<=30	Pass
		Edge_1RB_Right	19.89	/	/	21.39	/	/	<=30	Pass
		Outer_Full	20.06	/	/	21.56	/	/	<=30	Pass
		Inner_Full	21.49	/	/	22.99	/	/	<=30	Pass
		Inner_1RB_Left	21.14	/	/	22.64	/	/	<=30	Pass
		Inner_1RB_Right	21.32	/	/	22.82	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.91	/	/	21.41	/	/	<=30	Pass
		Edge_1RB_Right	19.92	/	/	21.42	/	/	<=30	Pass
		Outer_Full	19.83	/	/	21.33	/	/	<=30	Pass
		Inner_Full	21.09	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Left	21.26	/	/	22.76	/	/	<=30	Pass
		Inner_1RB_Right	21.41	/	/	22.91	/	/	<=30	Pass
	3960	Edge_1RB_Left	20.67	/	/	22.17	/	/	<=30	Pass
		Edge_1RB_Right	20.77	/	/	22.27	/	/	<=30	Pass
		Outer_Full	20.68	/	/	22.18	/	/	<=30	Pass
		Inner_Full	22.06	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Left	21.89	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Right	21.96	/	/	23.46	/	/	<=30	Pass
CP-OFDM 16 QAM	3720	Edge_1RB_Left	19.56	/	/	21.06	/	/	<=30	Pass
		Edge_1RB_Right	19.7	/	/	21.2	/	/	<=30	Pass
		Outer_Full	20.1	/	/	21.6	/	/	<=30	Pass
		Inner_Full	21.12	/	/	22.62	/	/	<=30	Pass
		Inner_1RB_Left	20.62	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Right	20.7	/	/	22.2	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.65	/	/	21.15	/	/	<=30	Pass
		Edge_1RB_Right	19.77	/	/	21.27	/	/	<=30	Pass
		Outer_Full	19.86	/	/	21.36	/	/	<=30	Pass
		Inner_Full	20.73	/	/	22.23	/	/	<=30	Pass
		Inner_1RB_Left	20.67	/	/	22.17	/	/	<=30	Pass
		Inner_1RB_Right	20.87	/	/	22.37	/	/	<=30	Pass
	3960	Edge_1RB_Left	20.47	/	/	21.97	/	/	<=30	Pass
		Edge_1RB_Right	20.53	/	/	22.03	/	/	<=30	Pass
		Outer_Full	20.67	/	/	22.17	/	/	<=30	Pass
		Inner_Full	21.63	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Left	21.38	/	/	22.88	/	/	<=30	Pass
		Inner_1RB_Right	21.38	/	/	22.88	/	/	<=30	Pass
CP-OFDM 64 QAM	3720	Edge_1RB_Left	19.48	/	/	20.98	/	/	<=30	Pass
		Edge_1RB_Right	19.53	/	/	21.03	/	/	<=30	Pass
		Outer_Full	19.56	/	/	21.06	/	/	<=30	Pass
		Inner_Full	19.68	/	/	21.18	/	/	<=30	Pass
		Inner_1RB_Left	19.43	/	/	20.93	/	/	<=30	Pass
		Inner_1RB_Right	19.58	/	/	21.08	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.6	/	/	21.1	/	/	<=30	Pass
		Edge_1RB_Right	19.72	/	/	21.22	/	/	<=30	Pass
		Outer_Full	19.35	/	/	20.85	/	/	<=30	Pass
		Inner_Full	19.3	/	/	20.8	/	/	<=30	Pass
		Inner_1RB_Left	19.56	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Right	19.71	/	/	21.21	/	/	<=30	Pass
	3960	Edge_1RB_Left	20.28	/	/	21.78	/	/	<=30	Pass

		Edge_1RB_Right	20.33	/	/	21.83	/	/	<=30	Pass
		Outer_Full	20.17	/	/	21.67	/	/	<=30	Pass
		Inner_Full	20.21	/	/	21.71	/	/	<=30	Pass
		Inner_1RB_Left	20.24	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Right	20.43	/	/	21.93	/	/	<=30	Pass
CP-OFDM 256 QAM	3720	Edge_1RB_Left	16.49	/	/	17.99	/	/	<=30	Pass
		Edge_1RB_Right	16.55	/	/	18.05	/	/	<=30	Pass
		Outer_Full	16.66	/	/	18.16	/	/	<=30	Pass
		Inner_Full	16.75	/	/	18.25	/	/	<=30	Pass
		Inner_1RB_Left	16.52	/	/	18.02	/	/	<=30	Pass
		Inner_1RB_Right	16.58	/	/	18.08	/	/	<=30	Pass
	3840	Edge_1RB_Left	16.55	/	/	18.05	/	/	<=30	Pass
		Edge_1RB_Right	16.69	/	/	18.19	/	/	<=30	Pass
		Outer_Full	16.39	/	/	17.89	/	/	<=30	Pass
		Inner_Full	16.32	/	/	17.82	/	/	<=30	Pass
		Inner_1RB_Left	16.57	/	/	18.07	/	/	<=30	Pass
		Inner_1RB_Right	16.75	/	/	18.25	/	/	<=30	Pass
	3960	Edge_1RB_Left	17.23	/	/	18.73	/	/	<=30	Pass
		Edge_1RB_Right	17.31	/	/	18.81	/	/	<=30	Pass
		Outer_Full	17.27	/	/	18.77	/	/	<=30	Pass
Inner_Full		17.29	/	/	18.79	/	/	<=30	Pass	
Inner_1RB_Left		17.26	/	/	18.76	/	/	<=30	Pass	
		Inner_1RB_Right	17.32	/	/	18.82	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 30k_SISO_50MHz_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 50MHz 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	3725.01	Edge 1RB Left	22.08	/	/	23.58	/	/	<=30	Pass
		Edge 1RB Right	22.33	/	/	23.83	/	/	<=30	Pass
		Outer Full	22.37	/	/	23.87	/	/	<=30	Pass
		Inner Full	22.94	/	/	24.44	/	/	<=30	Pass
		Inner 1RB Left	22.71	/	/	24.21	/	/	<=30	Pass
		Inner 1RB Right	22.79	/	/	24.29	/	/	<=30	Pass
	3840	Edge 1RB Left	22.35	/	/	23.85	/	/	<=30	Pass
		Edge 1RB Right	22.38	/	/	23.88	/	/	<=30	Pass
		Outer Full	22.28	/	/	23.78	/	/	<=30	Pass
		Inner Full	22.75	/	/	24.25	/	/	<=30	Pass
		Inner 1RB Left	22.79	/	/	24.29	/	/	<=30	Pass
		Inner 1RB Right	22.96	/	/	24.46	/	/	<=30	Pass
	3954.99	Edge 1RB Left	22.84	/	/	24.34	/	/	<=30	Pass
		Edge 1RB Right	23.01	/	/	24.51	/	/	<=30	Pass
		Outer Full	23.05	/	/	24.55	/	/	<=30	Pass
		Inner Full	23.65	/	/	25.15	/	/	<=30	Pass
		Inner 1RB Left	23.32	/	/	24.82	/	/	<=30	Pass
		Inner 1RB Right	23.44	/	/	24.94	/	/	<=30	Pass
DFT-s-OFDM QPSK	3725.01	Edge 1RB Left	21.66	/	/	23.16	/	/	<=30	Pass
		Edge 1RB Right	21.87	/	/	23.37	/	/	<=30	Pass
		Outer Full	21.88	/	/	23.38	/	/	<=30	Pass
		Inner Full	22.95	/	/	24.45	/	/	<=30	Pass
		Inner 1RB Left	22.57	/	/	24.07	/	/	<=30	Pass
		Inner 1RB Right	22.8	/	/	24.3	/	/	<=30	Pass
	3840	Edge 1RB Left	21.77	/	/	23.27	/	/	<=30	Pass
		Edge 1RB Right	21.92	/	/	23.42	/	/	<=30	Pass
		Outer Full	21.76	/	/	23.26	/	/	<=30	Pass

		Inner_Full	22.68	/	/	24.18	/	/	<=30	Pass
		Inner_1RB_Left	22.76	/	/	24.26	/	/	<=30	Pass
		Inner_1RB_Right	22.85	/	/	24.35	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	22.28	/	/	23.78	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	23.94	/	/	<=30	Pass
		Outer_Full	22.64	/	/	24.14	/	/	<=30	Pass
		Inner_Full	23.56	/	/	25.06	/	/	<=30	Pass
		Inner_1RB_Left	23.2	/	/	24.7	/	/	<=30	Pass
		Inner_1RB_Right	23.47	/	/	24.97	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3725.01	Edge_1RB_Left	20.56	/	/	22.06	/	/	<=30	Pass
		Edge_1RB_Right	20.78	/	/	22.28	/	/	<=30	Pass
		Outer_Full	20.94	/	/	22.44	/	/	<=30	Pass
		Inner_Full	21.97	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Left	21.41	/	/	22.91	/	/	<=30	Pass
		Inner_1RB_Right	21.63	/	/	23.13	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.76	/	/	22.26	/	/	<=30	Pass
		Edge_1RB_Right	20.89	/	/	22.39	/	/	<=30	Pass
		Outer_Full	20.86	/	/	22.36	/	/	<=30	Pass
		Inner_Full	21.57	/	/	23.07	/	/	<=30	Pass
		Inner_1RB_Left	21.63	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Right	21.7	/	/	23.2	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	21.46	/	/	22.96	/	/	<=30	Pass
		Edge_1RB_Right	21.45	/	/	22.95	/	/	<=30	Pass
		Outer_Full	21.66	/	/	23.16	/	/	<=30	Pass
		Inner_Full	22.57	/	/	24.07	/	/	<=30	Pass
		Inner_1RB_Left	22.14	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Right	22.37	/	/	23.87	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3725.01	Edge_1RB_Left	20.37	/	/	21.87	/	/	<=30	Pass
		Edge_1RB_Right	20.66	/	/	22.16	/	/	<=30	Pass
		Outer_Full	20.43	/	/	21.93	/	/	<=30	Pass
		Inner_Full	20.54	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Left	20.37	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Right	20.63	/	/	22.13	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.73	/	/	22.23	/	/	<=30	Pass
		Edge_1RB_Right	20.87	/	/	22.37	/	/	<=30	Pass
		Outer_Full	20.37	/	/	21.87	/	/	<=30	Pass
		Inner_Full	20.31	/	/	21.81	/	/	<=30	Pass
		Inner_1RB_Left	20.73	/	/	22.23	/	/	<=30	Pass
		Inner_1RB_Right	20.72	/	/	22.22	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	21.22	/	/	22.72	/	/	<=30	Pass
		Edge_1RB_Right	21.32	/	/	22.82	/	/	<=30	Pass
		Outer_Full	21.19	/	/	22.69	/	/	<=30	Pass
		Inner_Full	21.24	/	/	22.74	/	/	<=30	Pass
		Inner_1RB_Left	21.19	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Right	21.37	/	/	22.87	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3725.01	Edge_1RB_Left	18.29	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	18.48	/	/	19.98	/	/	<=30	Pass
		Outer_Full	18.61	/	/	20.11	/	/	<=30	Pass
		Inner_Full	18.62	/	/	20.12	/	/	<=30	Pass
		Inner_1RB_Left	18.34	/	/	19.84	/	/	<=30	Pass
		Inner_1RB_Right	18.46	/	/	19.96	/	/	<=30	Pass
	3840	Edge_1RB_Left	18.51	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Right	18.58	/	/	20.08	/	/	<=30	Pass
		Outer_Full	18.46	/	/	19.96	/	/	<=30	Pass
		Inner_Full	18.32	/	/	19.82	/	/	<=30	Pass
		Inner_1RB_Left	18.54	/	/	20.04	/	/	<=30	Pass
		Inner_1RB_Right	18.57	/	/	20.07	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	19.05	/	/	20.55	/	/	<=30	Pass
		Edge_1RB_Right	19.17	/	/	20.67	/	/	<=30	Pass

		Outer_Full	19.3	/	/	20.8	/	/	<=30	Pass
		Inner_Full	19.28	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Left	19.01	/	/	20.51	/	/	<=30	Pass
		Inner_1RB_Right	19.14	/	/	20.64	/	/	<=30	Pass
CP-OFDM QPSK	3725.01	Edge_1RB_Left	19.66	/	/	21.16	/	/	<=30	Pass
		Edge_1RB_Right	19.77	/	/	21.27	/	/	<=30	Pass
		Outer_Full	19.96	/	/	21.46	/	/	<=30	Pass
		Inner_Full	21.49	/	/	22.99	/	/	<=30	Pass
		Inner_1RB_Left	21.24	/	/	22.74	/	/	<=30	Pass
		Inner_1RB_Right	21.35	/	/	22.85	/	/	<=30	Pass
		Edge_1RB_Left	19.92	/	/	21.42	/	/	<=30	Pass
		Edge_1RB_Right	20.01	/	/	21.51	/	/	<=30	Pass
	3840	Outer_Full	19.89	/	/	21.39	/	/	<=30	Pass
		Inner_Full	21.11	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Left	21.19	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Right	21.45	/	/	22.95	/	/	<=30	Pass
		Edge_1RB_Left	20.48	/	/	21.98	/	/	<=30	Pass
		Edge_1RB_Right	20.61	/	/	22.11	/	/	<=30	Pass
	3954.99	Outer_Full	20.68	/	/	22.18	/	/	<=30	Pass
		Inner_Full	21.97	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Left	21.73	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Right	21.94	/	/	23.44	/	/	<=30	Pass
CP-OFDM 16 QAM	3725.01	Edge_1RB_Left	19.55	/	/	21.05	/	/	<=30	Pass
		Edge_1RB_Right	19.72	/	/	21.22	/	/	<=30	Pass
		Outer_Full	19.97	/	/	21.47	/	/	<=30	Pass
		Inner_Full	20.99	/	/	22.49	/	/	<=30	Pass
		Inner_1RB_Left	20.42	/	/	21.92	/	/	<=30	Pass
		Inner_1RB_Right	20.63	/	/	22.13	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.77	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	19.92	/	/	21.42	/	/	<=30	Pass
		Outer_Full	19.82	/	/	21.32	/	/	<=30	Pass
		Inner_Full	20.73	/	/	22.23	/	/	<=30	Pass
		Inner_1RB_Left	20.8	/	/	22.3	/	/	<=30	Pass
		Inner_1RB_Right	20.82	/	/	22.32	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	20.34	/	/	21.84	/	/	<=30	Pass
		Edge_1RB_Right	20.48	/	/	21.98	/	/	<=30	Pass
		Outer_Full	20.65	/	/	22.15	/	/	<=30	Pass
		Inner_Full	21.66	/	/	23.16	/	/	<=30	Pass
		Inner_1RB_Left	21.16	/	/	22.66	/	/	<=30	Pass
		Inner_1RB_Right	21.39	/	/	22.89	/	/	<=30	Pass
CP-OFDM 64 QAM	3725.01	Edge_1RB_Left	19.4	/	/	20.9	/	/	<=30	Pass
		Edge_1RB_Right	19.49	/	/	20.99	/	/	<=30	Pass
		Outer_Full	19.43	/	/	20.93	/	/	<=30	Pass
		Inner_Full	19.53	/	/	21.03	/	/	<=30	Pass
		Inner_1RB_Left	19.44	/	/	20.94	/	/	<=30	Pass
		Inner_1RB_Right	19.51	/	/	21.01	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.63	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Right	19.7	/	/	21.2	/	/	<=30	Pass
		Outer_Full	19.37	/	/	20.87	/	/	<=30	Pass
		Inner_Full	19.29	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Left	19.62	/	/	21.12	/	/	<=30	Pass
		Inner_1RB_Right	19.75	/	/	21.25	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	20.26	/	/	21.76	/	/	<=30	Pass
		Edge_1RB_Right	20.34	/	/	21.84	/	/	<=30	Pass
		Outer_Full	20.16	/	/	21.66	/	/	<=30	Pass
		Inner_Full	20.19	/	/	21.69	/	/	<=30	Pass
		Inner_1RB_Left	20.15	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Right	20.37	/	/	21.87	/	/	<=30	Pass
CP-OFDM 256 QAM	3725.01	Edge_1RB_Left	16.29	/	/	17.79	/	/	<=30	Pass

		Edge_1RB_Right	16.53	/	/	18.03	/	/	<=30	Pass
		Outer_Full	16.52	/	/	18.02	/	/	<=30	Pass
		Inner_Full	16.58	/	/	18.08	/	/	<=30	Pass
		Inner_1RB_Left	16.28	/	/	17.78	/	/	<=30	Pass
		Inner_1RB_Right	16.5	/	/	18	/	/	<=30	Pass
	3840	Edge_1RB_Left	16.56	/	/	18.06	/	/	<=30	Pass
		Edge_1RB_Right	16.68	/	/	18.18	/	/	<=30	Pass
		Outer_Full	16.43	/	/	17.93	/	/	<=30	Pass
		Inner_Full	16.32	/	/	17.82	/	/	<=30	Pass
		Inner_1RB_Left	16.61	/	/	18.11	/	/	<=30	Pass
	3954.99	Inner_1RB_Right	16.64	/	/	18.14	/	/	<=30	Pass
		Edge_1RB_Left	17.1	/	/	18.6	/	/	<=30	Pass
		Edge_1RB_Right	17.26	/	/	18.76	/	/	<=30	Pass
		Outer_Full	17.22	/	/	18.72	/	/	<=30	Pass
		Inner_Full	17.3	/	/	18.8	/	/	<=30	Pass
		Inner_1RB_Left	17.15	/	/	18.65	/	/	<=30	Pass
		Inner_1RB_Right	17.25	/	/	18.75	/	/	<=30	Pass
	Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain									

1.1.8 30k_SISO_60MHz_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 60MHz 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	3730.02	Edge 1RB Left	22.21	/	/	23.71	/	/	<=30	Pass
		Edge 1RB Right	22.58	/	/	24.08	/	/	<=30	Pass
		Outer Full	22.43	/	/	23.93	/	/	<=30	Pass
		Inner Full	22.99	/	/	24.49	/	/	<=30	Pass
		Inner 1RB Left	22.68	/	/	24.18	/	/	<=30	Pass
		Inner 1RB Right	23.04	/	/	24.54	/	/	<=30	Pass
	3840	Edge 1RB Left	22.42	/	/	23.92	/	/	<=30	Pass
		Edge 1RB Right	22.52	/	/	24.02	/	/	<=30	Pass
		Outer Full	22.26	/	/	23.76	/	/	<=30	Pass
		Inner Full	22.64	/	/	24.14	/	/	<=30	Pass
		Inner 1RB Left	22.91	/	/	24.41	/	/	<=30	Pass
		Inner 1RB Right	22.99	/	/	24.49	/	/	<=30	Pass
	3949.98	Edge 1RB Left	22.57	/	/	24.07	/	/	<=30	Pass
		Edge 1RB Right	23.03	/	/	24.53	/	/	<=30	Pass
		Outer Full	23.09	/	/	24.59	/	/	<=30	Pass
		Inner Full	23.49	/	/	24.99	/	/	<=30	Pass
		Inner 1RB Left	23.13	/	/	24.63	/	/	<=30	Pass
		Inner 1RB Right	23.48	/	/	24.98	/	/	<=30	Pass
DFT-s-OFDM QPSK	3730.02	Edge 1RB Left	21.68	/	/	23.18	/	/	<=30	Pass
		Edge 1RB Right	22.08	/	/	23.58	/	/	<=30	Pass
		Outer Full	22	/	/	23.5	/	/	<=30	Pass
		Inner Full	22.97	/	/	24.47	/	/	<=30	Pass
		Inner 1RB Left	22.68	/	/	24.18	/	/	<=30	Pass
		Inner 1RB Right	23.04	/	/	24.54	/	/	<=30	Pass
	3840	Edge 1RB Left	21.97	/	/	23.47	/	/	<=30	Pass
		Edge 1RB Right	22.03	/	/	23.53	/	/	<=30	Pass
		Outer Full	21.79	/	/	23.29	/	/	<=30	Pass
		Inner Full	22.6	/	/	24.1	/	/	<=30	Pass
		Inner 1RB Left	22.88	/	/	24.38	/	/	<=30	Pass
		Inner 1RB Right	22.96	/	/	24.46	/	/	<=30	Pass
	3949.98	Edge 1RB Left	22.19	/	/	23.69	/	/	<=30	Pass
		Edge 1RB Right	22.62	/	/	24.12	/	/	<=30	Pass
		Outer Full	22.46	/	/	23.96	/	/	<=30	Pass

		Inner_Full	23.48	/	/	24.98	/	/	<=30	Pass
		Inner_1RB_Left	23.13	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	24.99	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3730.02	Edge_1RB_Left	20.59	/	/	22.09	/	/	<=30	Pass
		Edge_1RB_Right	20.91	/	/	22.41	/	/	<=30	Pass
		Outer_Full	20.98	/	/	22.48	/	/	<=30	Pass
		Inner_Full	21.96	/	/	23.46	/	/	<=30	Pass
		Inner_1RB_Left	21.52	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Right	21.83	/	/	23.33	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.83	/	/	22.33	/	/	<=30	Pass
		Edge_1RB_Right	20.91	/	/	22.41	/	/	<=30	Pass
		Outer_Full	20.85	/	/	22.35	/	/	<=30	Pass
		Inner_Full	21.64	/	/	23.14	/	/	<=30	Pass
		Inner_1RB_Left	21.81	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Right	21.79	/	/	23.29	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	20.95	/	/	22.45	/	/	<=30	Pass
		Edge_1RB_Right	21.42	/	/	22.92	/	/	<=30	Pass
		Outer_Full	21.55	/	/	23.05	/	/	<=30	Pass
		Inner_Full	22.5	/	/	24	/	/	<=30	Pass
		Inner_1RB_Left	22.01	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Right	22.36	/	/	23.86	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3730.02	Edge_1RB_Left	20.44	/	/	21.94	/	/	<=30	Pass
		Edge_1RB_Right	20.86	/	/	22.36	/	/	<=30	Pass
		Outer_Full	20.5	/	/	22	/	/	<=30	Pass
		Inner_Full	20.6	/	/	22.1	/	/	<=30	Pass
		Inner_1RB_Left	20.47	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Right	20.78	/	/	22.28	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.78	/	/	22.28	/	/	<=30	Pass
		Edge_1RB_Right	20.79	/	/	22.29	/	/	<=30	Pass
		Outer_Full	20.37	/	/	21.87	/	/	<=30	Pass
		Inner_Full	20.34	/	/	21.84	/	/	<=30	Pass
		Inner_1RB_Left	20.79	/	/	22.29	/	/	<=30	Pass
		Inner_1RB_Right	20.87	/	/	22.37	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	20.99	/	/	22.49	/	/	<=30	Pass
		Edge_1RB_Right	21.35	/	/	22.85	/	/	<=30	Pass
		Outer_Full	21.06	/	/	22.56	/	/	<=30	Pass
		Inner_Full	21.14	/	/	22.64	/	/	<=30	Pass
		Inner_1RB_Left	20.92	/	/	22.42	/	/	<=30	Pass
		Inner_1RB_Right	21.36	/	/	22.86	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3730.02	Edge_1RB_Left	18.33	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	18.68	/	/	20.18	/	/	<=30	Pass
		Outer_Full	18.53	/	/	20.03	/	/	<=30	Pass
		Inner_Full	18.59	/	/	20.09	/	/	<=30	Pass
		Inner_1RB_Left	18.33	/	/	19.83	/	/	<=30	Pass
		Inner_1RB_Right	18.71	/	/	20.21	/	/	<=30	Pass
	3840	Edge_1RB_Left	18.59	/	/	20.09	/	/	<=30	Pass
		Edge_1RB_Right	18.69	/	/	20.19	/	/	<=30	Pass
		Outer_Full	18.43	/	/	19.93	/	/	<=30	Pass
		Inner_Full	18.29	/	/	19.79	/	/	<=30	Pass
		Inner_1RB_Left	18.6	/	/	20.1	/	/	<=30	Pass
		Inner_1RB_Right	18.65	/	/	20.15	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	18.78	/	/	20.28	/	/	<=30	Pass
		Edge_1RB_Right	19.14	/	/	20.64	/	/	<=30	Pass
		Outer_Full	19.15	/	/	20.65	/	/	<=30	Pass
		Inner_Full	19.17	/	/	20.67	/	/	<=30	Pass
		Inner_1RB_Left	18.83	/	/	20.33	/	/	<=30	Pass
		Inner_1RB_Right	19.12	/	/	20.62	/	/	<=30	Pass
CP-OFDM QPSK	3730.02	Edge_1RB_Left	19.83	/	/	21.33	/	/	<=30	Pass
		Edge_1RB_Right	20.1	/	/	21.6	/	/	<=30	Pass

		Outer_Full	19.98	/	/	21.48	/	/	<=30	Pass
		Inner_Full	21.44	/	/	22.94	/	/	<=30	Pass
		Inner_1RB_Left	21.15	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Right	21.49	/	/	22.99	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.97	/	/	21.47	/	/	<=30	Pass
		Edge_1RB_Right	20.11	/	/	21.61	/	/	<=30	Pass
		Outer_Full	19.86	/	/	21.36	/	/	<=30	Pass
		Inner_Full	21.17	/	/	22.67	/	/	<=30	Pass
		Inner_1RB_Left	21.45	/	/	22.95	/	/	<=30	Pass
		Inner_1RB_Right	21.55	/	/	23.05	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	20.22	/	/	21.72	/	/	<=30	Pass
		Edge_1RB_Right	20.49	/	/	21.99	/	/	<=30	Pass
		Outer_Full	20.58	/	/	22.08	/	/	<=30	Pass
		Inner_Full	21.98	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Left	21.56	/	/	23.06	/	/	<=30	Pass
		Inner_1RB_Right	22	/	/	23.5	/	/	<=30	Pass
CP-OFDM 16 QAM	3730.02	Edge_1RB_Left	19.5	/	/	21	/	/	<=30	Pass
		Edge_1RB_Right	19.91	/	/	21.41	/	/	<=30	Pass
		Outer_Full	19.93	/	/	21.43	/	/	<=30	Pass
		Inner_Full	20.96	/	/	22.46	/	/	<=30	Pass
		Inner_1RB_Left	20.52	/	/	22.02	/	/	<=30	Pass
		Inner_1RB_Right	20.84	/	/	22.34	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.79	/	/	21.29	/	/	<=30	Pass
		Edge_1RB_Right	19.91	/	/	21.41	/	/	<=30	Pass
		Outer_Full	19.82	/	/	21.32	/	/	<=30	Pass
		Inner_Full	20.71	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Left	20.88	/	/	22.38	/	/	<=30	Pass
		Inner_1RB_Right	20.88	/	/	22.38	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	19.92	/	/	21.42	/	/	<=30	Pass
		Edge_1RB_Right	20.38	/	/	21.88	/	/	<=30	Pass
		Outer_Full	20.55	/	/	22.05	/	/	<=30	Pass
		Inner_Full	21.55	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Left	21.01	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Right	21.36	/	/	22.86	/	/	<=30	Pass
CP-OFDM 64 QAM	3730.02	Edge_1RB_Left	19.42	/	/	20.92	/	/	<=30	Pass
		Edge_1RB_Right	19.76	/	/	21.26	/	/	<=30	Pass
		Outer_Full	19.45	/	/	20.95	/	/	<=30	Pass
		Inner_Full	19.55	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Left	19.47	/	/	20.97	/	/	<=30	Pass
		Inner_1RB_Right	19.82	/	/	21.32	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.73	/	/	21.23	/	/	<=30	Pass
		Edge_1RB_Right	19.81	/	/	21.31	/	/	<=30	Pass
		Outer_Full	19.38	/	/	20.88	/	/	<=30	Pass
		Inner_Full	19.27	/	/	20.77	/	/	<=30	Pass
		Inner_1RB_Left	19.73	/	/	21.23	/	/	<=30	Pass
		Inner_1RB_Right	19.81	/	/	21.31	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	19.86	/	/	21.36	/	/	<=30	Pass
		Edge_1RB_Right	20.35	/	/	21.85	/	/	<=30	Pass
		Outer_Full	20.07	/	/	21.57	/	/	<=30	Pass
		Inner_Full	20.14	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Left	20	/	/	21.5	/	/	<=30	Pass
		Inner_1RB_Right	20.33	/	/	21.83	/	/	<=30	Pass
CP-OFDM 256 QAM	3730.02	Edge_1RB_Left	16.42	/	/	17.92	/	/	<=30	Pass
		Edge_1RB_Right	16.81	/	/	18.31	/	/	<=30	Pass
		Outer_Full	16.58	/	/	18.08	/	/	<=30	Pass
		Inner_Full	16.61	/	/	18.11	/	/	<=30	Pass
		Inner_1RB_Left	16.39	/	/	17.89	/	/	<=30	Pass
		Inner_1RB_Right	16.76	/	/	18.26	/	/	<=30	Pass
	3840	Edge_1RB_Left	16.67	/	/	18.17	/	/	<=30	Pass

		Edge_1RB_Right	16.77	/	/	18.27	/	/	<=30	Pass
		Outer_Full	16.46	/	/	17.96	/	/	<=30	Pass
		Inner_Full	16.34	/	/	17.84	/	/	<=30	Pass
		Inner_1RB_Left	16.7	/	/	18.2	/	/	<=30	Pass
		Inner_1RB_Right	16.8	/	/	18.3	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	16.88	/	/	18.38	/	/	<=30	Pass
		Edge_1RB_Right	17.23	/	/	18.73	/	/	<=30	Pass
		Outer_Full	17.2	/	/	18.7	/	/	<=30	Pass
		Inner_Full	17.17	/	/	18.67	/	/	<=30	Pass
		Inner_1RB_Left	16.9	/	/	18.4	/	/	<=30	Pass
	Inner_1RB_Right	17.19	/	/	18.69	/	/	<=30	Pass	
	Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain									

1.1.9 30k_SISO_70MHz_NTNV_EIRP

5G NR n77a 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	22.17	/	/	23.67	/	/	<=30	Pass
		Edge 1RB Right	22.53	/	/	24.03	/	/	<=30	Pass
		Outer Full	22.43	/	/	23.93	/	/	<=30	Pass
		Inner Full	22.87	/	/	24.37	/	/	<=30	Pass
		Inner 1RB Left	22.62	/	/	24.12	/	/	<=30	Pass
		Inner 1RB Right	23.03	/	/	24.53	/	/	<=30	Pass
	3840	Edge 1RB Left	22.4	/	/	23.9	/	/	<=30	Pass
		Edge 1RB Right	22.47	/	/	23.97	/	/	<=30	Pass
		Outer Full	22.25	/	/	23.75	/	/	<=30	Pass
		Inner Full	22.63	/	/	24.13	/	/	<=30	Pass
		Inner 1RB Left	22.87	/	/	24.37	/	/	<=30	Pass
		Inner 1RB Right	22.96	/	/	24.46	/	/	<=30	Pass
	3945	Edge 1RB Left	22.45	/	/	23.95	/	/	<=30	Pass
		Edge 1RB Right	23.03	/	/	24.53	/	/	<=30	Pass
		Outer Full	22.99	/	/	24.49	/	/	<=30	Pass
		Inner Full	23.48	/	/	24.98	/	/	<=30	Pass
		Inner 1RB Left	22.92	/	/	24.42	/	/	<=30	Pass
		Inner 1RB Right	23.51	/	/	25.01	/	/	<=30	Pass
DFT-s-OFDM QPSK	3735	Edge 1RB Left	21.61	/	/	23.11	/	/	<=30	Pass
		Edge 1RB Right	22.05	/	/	23.55	/	/	<=30	Pass
		Outer Full	21.92	/	/	23.42	/	/	<=30	Pass
		Inner Full	22.83	/	/	24.33	/	/	<=30	Pass
		Inner 1RB Left	22.6	/	/	24.1	/	/	<=30	Pass
		Inner 1RB Right	23.07	/	/	24.57	/	/	<=30	Pass
	3840	Edge 1RB Left	21.9	/	/	23.4	/	/	<=30	Pass
		Edge 1RB Right	21.96	/	/	23.46	/	/	<=30	Pass
		Outer Full	21.75	/	/	23.25	/	/	<=30	Pass
		Inner Full	22.61	/	/	24.11	/	/	<=30	Pass
		Inner 1RB Left	22.86	/	/	24.36	/	/	<=30	Pass
		Inner 1RB Right	22.92	/	/	24.42	/	/	<=30	Pass
	3945	Edge 1RB Left	21.97	/	/	23.47	/	/	<=30	Pass
		Edge 1RB Right	22.55	/	/	24.05	/	/	<=30	Pass
		Outer Full	22.53	/	/	24.03	/	/	<=30	Pass
		Inner Full	23.52	/	/	25.02	/	/	<=30	Pass
		Inner 1RB Left	22.88	/	/	24.38	/	/	<=30	Pass
		Inner 1RB Right	23.45	/	/	24.95	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3735	Edge 1RB Left	20.55	/	/	22.05	/	/	<=30	Pass
		Edge 1RB Right	20.99	/	/	22.49	/	/	<=30	Pass
		Outer Full	20.98	/	/	22.48	/	/	<=30	Pass

		Inner_Full	21.85	/	/	23.35	/	/	<=30	Pass
		Inner_1RB_Left	21.37	/	/	22.87	/	/	<=30	Pass
		Inner_1RB_Right	21.88	/	/	23.38	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.86	/	/	22.36	/	/	<=30	Pass
		Edge_1RB_Right	20.99	/	/	22.49	/	/	<=30	Pass
		Outer_Full	20.89	/	/	22.39	/	/	<=30	Pass
		Inner_Full	21.6	/	/	23.1	/	/	<=30	Pass
		Inner_1RB_Left	21.69	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Right	21.76	/	/	23.26	/	/	<=30	Pass
	3945	Edge_1RB_Left	20.86	/	/	22.36	/	/	<=30	Pass
		Edge_1RB_Right	21.47	/	/	22.97	/	/	<=30	Pass
		Outer_Full	21.54	/	/	23.04	/	/	<=30	Pass
		Inner_Full	22.54	/	/	24.04	/	/	<=30	Pass
		Inner_1RB_Left	21.77	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Right	22.24	/	/	23.74	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3735	Edge_1RB_Left	20.43	/	/	21.93	/	/	<=30	Pass
		Edge_1RB_Right	20.88	/	/	22.38	/	/	<=30	Pass
		Outer_Full	20.47	/	/	21.97	/	/	<=30	Pass
		Inner_Full	20.45	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Left	20.41	/	/	21.91	/	/	<=30	Pass
		Inner_1RB_Right	20.89	/	/	22.39	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.65	/	/	22.15	/	/	<=30	Pass
		Edge_1RB_Right	20.82	/	/	22.32	/	/	<=30	Pass
		Outer_Full	20.38	/	/	21.88	/	/	<=30	Pass
		Inner_Full	20.26	/	/	21.76	/	/	<=30	Pass
		Inner_1RB_Left	20.69	/	/	22.19	/	/	<=30	Pass
		Inner_1RB_Right	20.84	/	/	22.34	/	/	<=30	Pass
	3945	Edge_1RB_Left	20.77	/	/	22.27	/	/	<=30	Pass
		Edge_1RB_Right	21.32	/	/	22.82	/	/	<=30	Pass
		Outer_Full	21.06	/	/	22.56	/	/	<=30	Pass
		Inner_Full	21.14	/	/	22.64	/	/	<=30	Pass
		Inner_1RB_Left	20.87	/	/	22.37	/	/	<=30	Pass
		Inner_1RB_Right	21.34	/	/	22.84	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3735	Edge_1RB_Left	18.27	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	18.75	/	/	20.25	/	/	<=30	Pass
		Outer_Full	18.58	/	/	20.08	/	/	<=30	Pass
		Inner_Full	18.5	/	/	20	/	/	<=30	Pass
		Inner_1RB_Left	18.26	/	/	19.76	/	/	<=30	Pass
		Inner_1RB_Right	18.74	/	/	20.24	/	/	<=30	Pass
	3840	Edge_1RB_Left	18.54	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	18.67	/	/	20.17	/	/	<=30	Pass
		Outer_Full	18.44	/	/	19.94	/	/	<=30	Pass
		Inner_Full	18.34	/	/	19.84	/	/	<=30	Pass
		Inner_1RB_Left	18.56	/	/	20.06	/	/	<=30	Pass
		Inner_1RB_Right	18.68	/	/	20.18	/	/	<=30	Pass
	3945	Edge_1RB_Left	18.62	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	19.22	/	/	20.72	/	/	<=30	Pass
		Outer_Full	19.13	/	/	20.63	/	/	<=30	Pass
		Inner_Full	19.16	/	/	20.66	/	/	<=30	Pass
		Inner_1RB_Left	18.61	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Right	19.16	/	/	20.66	/	/	<=30	Pass
CP-OFDM QPSK	3735	Edge_1RB_Left	19.63	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Right	20.11	/	/	21.61	/	/	<=30	Pass
		Outer_Full	20.01	/	/	21.51	/	/	<=30	Pass
		Inner_Full	21.35	/	/	22.85	/	/	<=30	Pass
		Inner_1RB_Left	21.07	/	/	22.57	/	/	<=30	Pass
		Inner_1RB_Right	21.55	/	/	23.05	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.93	/	/	21.43	/	/	<=30	Pass
		Edge_1RB_Right	19.99	/	/	21.49	/	/	<=30	Pass

		Outer_Full	19.9	/	/	21.4	/	/	<=30	Pass
		Inner_Full	21.17	/	/	22.67	/	/	<=30	Pass
		Inner_1RB_Left	21.34	/	/	22.84	/	/	<=30	Pass
		Inner_1RB_Right	21.62	/	/	23.12	/	/	<=30	Pass
	3945	Edge_1RB_Left	20.05	/	/	21.55	/	/	<=30	Pass
		Edge_1RB_Right	20.62	/	/	22.12	/	/	<=30	Pass
		Outer_Full	20.61	/	/	22.11	/	/	<=30	Pass
		Inner_Full	22.03	/	/	23.53	/	/	<=30	Pass
		Inner_1RB_Left	21.51	/	/	23.01	/	/	<=30	Pass
		Inner_1RB_Right	22.03	/	/	23.53	/	/	<=30	Pass
CP-OFDM 16 QAM	3735	Edge_1RB_Left	19.43	/	/	20.93	/	/	<=30	Pass
		Edge_1RB_Right	20.1	/	/	21.6	/	/	<=30	Pass
		Outer_Full	19.95	/	/	21.45	/	/	<=30	Pass
		Inner_Full	20.9	/	/	22.4	/	/	<=30	Pass
		Inner_1RB_Left	20.45	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Right	20.97	/	/	22.47	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.86	/	/	21.36	/	/	<=30	Pass
		Edge_1RB_Right	19.88	/	/	21.38	/	/	<=30	Pass
		Outer_Full	19.88	/	/	21.38	/	/	<=30	Pass
		Inner_Full	20.73	/	/	22.23	/	/	<=30	Pass
		Inner_1RB_Left	20.8	/	/	22.3	/	/	<=30	Pass
		Inner_1RB_Right	20.89	/	/	22.39	/	/	<=30	Pass
	3945	Edge_1RB_Left	19.78	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	20.5	/	/	22	/	/	<=30	Pass
		Outer_Full	20.55	/	/	22.05	/	/	<=30	Pass
		Inner_Full	21.58	/	/	23.08	/	/	<=30	Pass
		Inner_1RB_Left	20.89	/	/	22.39	/	/	<=30	Pass
		Inner_1RB_Right	21.47	/	/	22.97	/	/	<=30	Pass
CP-OFDM 64 QAM	3735	Edge_1RB_Left	19.47	/	/	20.97	/	/	<=30	Pass
		Edge_1RB_Right	19.81	/	/	21.31	/	/	<=30	Pass
		Outer_Full	19.47	/	/	20.97	/	/	<=30	Pass
		Inner_Full	19.46	/	/	20.96	/	/	<=30	Pass
		Inner_1RB_Left	19.39	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Right	19.87	/	/	21.37	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.68	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	19.83	/	/	21.33	/	/	<=30	Pass
		Outer_Full	19.37	/	/	20.87	/	/	<=30	Pass
		Inner_Full	19.28	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Left	19.72	/	/	21.22	/	/	<=30	Pass
		Inner_1RB_Right	19.83	/	/	21.33	/	/	<=30	Pass
	3945	Edge_1RB_Left	19.72	/	/	21.22	/	/	<=30	Pass
		Edge_1RB_Right	20.31	/	/	21.81	/	/	<=30	Pass
		Outer_Full	20.04	/	/	21.54	/	/	<=30	Pass
		Inner_Full	20.13	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Left	19.83	/	/	21.33	/	/	<=30	Pass
		Inner_1RB_Right	20.24	/	/	21.74	/	/	<=30	Pass
CP-OFDM 256 QAM	3735	Edge_1RB_Left	16.38	/	/	17.88	/	/	<=30	Pass
		Edge_1RB_Right	16.83	/	/	18.33	/	/	<=30	Pass
		Outer_Full	16.57	/	/	18.07	/	/	<=30	Pass
		Inner_Full	16.52	/	/	18.02	/	/	<=30	Pass
		Inner_1RB_Left	16.39	/	/	17.89	/	/	<=30	Pass
		Inner_1RB_Right	16.87	/	/	18.37	/	/	<=30	Pass
	3840	Edge_1RB_Left	16.64	/	/	18.14	/	/	<=30	Pass
		Edge_1RB_Right	16.82	/	/	18.32	/	/	<=30	Pass
		Outer_Full	16.5	/	/	18	/	/	<=30	Pass
		Inner_Full	16.38	/	/	17.88	/	/	<=30	Pass
		Inner_1RB_Left	16.69	/	/	18.19	/	/	<=30	Pass
		Inner_1RB_Right	16.8	/	/	18.3	/	/	<=30	Pass
	3945	Edge_1RB_Left	16.69	/	/	18.19	/	/	<=30	Pass

		Edge 1RB Right	17.28	/	/	18.78	/	/	<=30	Pass
		Outer Full	17.12	/	/	18.62	/	/	<=30	Pass
		Inner Full	17.17	/	/	18.67	/	/	<=30	Pass
		Inner 1RB Left	16.72	/	/	18.22	/	/	<=30	Pass
		Inner 1RB Right	17.3	/	/	18.8	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.10 30k_SISO_80MHz_NTNV_EIRP

5G NR n77a 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	22.26	/	/	23.76	/	/	<=30	Pass
		Edge 1RB Right	22.67	/	/	24.17	/	/	<=30	Pass
		Outer Full	22.5	/	/	24	/	/	<=30	Pass
		Inner Full	23	/	/	24.5	/	/	<=30	Pass
		Inner 1RB Left	22.76	/	/	24.26	/	/	<=30	Pass
		Inner 1RB Right	23.21	/	/	24.71	/	/	<=30	Pass
	3840	Edge 1RB Left	22.51	/	/	24.01	/	/	<=30	Pass
		Edge 1RB Right	22.7	/	/	24.2	/	/	<=30	Pass
		Outer Full	22.38	/	/	23.88	/	/	<=30	Pass
		Inner Full	22.74	/	/	24.24	/	/	<=30	Pass
		Inner 1RB Left	22.95	/	/	24.45	/	/	<=30	Pass
		Inner 1RB Right	23.16	/	/	24.66	/	/	<=30	Pass
	3939.99	Edge 1RB Left	22.44	/	/	23.94	/	/	<=30	Pass
		Edge 1RB Right	23.05	/	/	24.55	/	/	<=30	Pass
		Outer Full	22.88	/	/	24.38	/	/	<=30	Pass
		Inner Full	23.48	/	/	24.98	/	/	<=30	Pass
		Inner 1RB Left	22.91	/	/	24.41	/	/	<=30	Pass
		Inner 1RB Right	23.53	/	/	25.03	/	/	<=30	Pass
DFT-s-OFDM QPSK	3740.01	Edge 1RB Left	21.72	/	/	23.22	/	/	<=30	Pass
		Edge 1RB Right	22.11	/	/	23.61	/	/	<=30	Pass
		Outer Full	22.02	/	/	23.52	/	/	<=30	Pass
		Inner Full	22.97	/	/	24.47	/	/	<=30	Pass
		Inner 1RB Left	22.68	/	/	24.18	/	/	<=30	Pass
		Inner 1RB Right	23.13	/	/	24.63	/	/	<=30	Pass
	3840	Edge 1RB Left	21.97	/	/	23.47	/	/	<=30	Pass
		Edge 1RB Right	22.17	/	/	23.67	/	/	<=30	Pass
		Outer Full	21.86	/	/	23.36	/	/	<=30	Pass
		Inner Full	22.76	/	/	24.26	/	/	<=30	Pass
		Inner 1RB Left	22.96	/	/	24.46	/	/	<=30	Pass
		Inner 1RB Right	23.13	/	/	24.63	/	/	<=30	Pass
	3939.99	Edge 1RB Left	21.96	/	/	23.46	/	/	<=30	Pass
		Edge 1RB Right	22.52	/	/	24.02	/	/	<=30	Pass
		Outer Full	22.45	/	/	23.95	/	/	<=30	Pass
		Inner Full	23.49	/	/	24.99	/	/	<=30	Pass
		Inner 1RB Left	22.88	/	/	24.38	/	/	<=30	Pass
		Inner 1RB Right	23.5	/	/	25	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3740.01	Edge 1RB Left	20.5	/	/	22	/	/	<=30	Pass
		Edge 1RB Right	21.11	/	/	22.61	/	/	<=30	Pass
		Outer Full	21.06	/	/	22.56	/	/	<=30	Pass
		Inner Full	21.94	/	/	23.44	/	/	<=30	Pass
		Inner 1RB Left	21.44	/	/	22.94	/	/	<=30	Pass
		Inner 1RB Right	21.92	/	/	23.42	/	/	<=30	Pass
	3840	Edge 1RB Left	20.95	/	/	22.45	/	/	<=30	Pass
		Edge 1RB Right	20.99	/	/	22.49	/	/	<=30	Pass
		Outer Full	20.99	/	/	22.49	/	/	<=30	Pass

		Inner_Full	21.75	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Left	21.79	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Right	21.93	/	/	23.43	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	20.94	/	/	22.44	/	/	<=30	Pass
		Edge_1RB_Right	21.48	/	/	22.98	/	/	<=30	Pass
		Outer_Full	21.51	/	/	23.01	/	/	<=30	Pass
		Inner_Full	22.5	/	/	24	/	/	<=30	Pass
		Inner_1RB_Left	21.69	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Right	22.32	/	/	23.82	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3740.01	Edge_1RB_Left	20.47	/	/	21.97	/	/	<=30	Pass
		Edge_1RB_Right	20.93	/	/	22.43	/	/	<=30	Pass
		Outer_Full	20.54	/	/	22.04	/	/	<=30	Pass
		Inner_Full	20.54	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Left	20.54	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Right	21.02	/	/	22.52	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.75	/	/	22.25	/	/	<=30	Pass
		Edge_1RB_Right	21	/	/	22.5	/	/	<=30	Pass
		Outer_Full	20.49	/	/	21.99	/	/	<=30	Pass
		Inner_Full	20.4	/	/	21.9	/	/	<=30	Pass
		Inner_1RB_Left	20.81	/	/	22.31	/	/	<=30	Pass
		Inner_1RB_Right	21.01	/	/	22.51	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	20.73	/	/	22.23	/	/	<=30	Pass
		Edge_1RB_Right	21.35	/	/	22.85	/	/	<=30	Pass
		Outer_Full	21.02	/	/	22.52	/	/	<=30	Pass
		Inner_Full	21.1	/	/	22.6	/	/	<=30	Pass
		Inner_1RB_Left	20.74	/	/	22.24	/	/	<=30	Pass
		Inner_1RB_Right	21.32	/	/	22.82	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3740.01	Edge_1RB_Left	18.35	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Right	18.79	/	/	20.29	/	/	<=30	Pass
		Outer_Full	18.67	/	/	20.17	/	/	<=30	Pass
		Inner_Full	18.57	/	/	20.07	/	/	<=30	Pass
		Inner_1RB_Left	18.34	/	/	19.84	/	/	<=30	Pass
		Inner_1RB_Right	18.79	/	/	20.29	/	/	<=30	Pass
	3840	Edge_1RB_Left	18.61	/	/	20.11	/	/	<=30	Pass
		Edge_1RB_Right	18.82	/	/	20.32	/	/	<=30	Pass
		Outer_Full	18.53	/	/	20.03	/	/	<=30	Pass
		Inner_Full	18.43	/	/	19.93	/	/	<=30	Pass
		Inner_1RB_Left	18.59	/	/	20.09	/	/	<=30	Pass
		Inner_1RB_Right	18.84	/	/	20.34	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	18.58	/	/	20.08	/	/	<=30	Pass
		Edge_1RB_Right	19.16	/	/	20.66	/	/	<=30	Pass
		Outer_Full	19.09	/	/	20.59	/	/	<=30	Pass
		Inner_Full	19.17	/	/	20.67	/	/	<=30	Pass
		Inner_1RB_Left	18.57	/	/	20.07	/	/	<=30	Pass
		Inner_1RB_Right	19.17	/	/	20.67	/	/	<=30	Pass
CP-OFDM QPSK	3740.01	Edge_1RB_Left	19.65	/	/	21.15	/	/	<=30	Pass
		Edge_1RB_Right	20.21	/	/	21.71	/	/	<=30	Pass
		Outer_Full	20.04	/	/	21.54	/	/	<=30	Pass
		Inner_Full	21.46	/	/	22.96	/	/	<=30	Pass
		Inner_1RB_Left	21.21	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Right	21.57	/	/	23.07	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.12	/	/	21.62	/	/	<=30	Pass
		Edge_1RB_Right	20.26	/	/	21.76	/	/	<=30	Pass
		Outer_Full	20	/	/	21.5	/	/	<=30	Pass
		Inner_Full	21.28	/	/	22.78	/	/	<=30	Pass
		Inner_1RB_Left	21.42	/	/	22.92	/	/	<=30	Pass
		Inner_1RB_Right	21.72	/	/	23.22	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	20.1	/	/	21.6	/	/	<=30	Pass
		Edge_1RB_Right	20.56	/	/	22.06	/	/	<=30	Pass

		Outer_Full	20.49	/	/	21.99	/	/	<=30	Pass	
		Inner_Full	21.96	/	/	23.46	/	/	<=30	Pass	
		Inner_1RB_Left	21.47	/	/	22.97	/	/	<=30	Pass	
		Inner_1RB_Right	22.04	/	/	23.54	/	/	<=30	Pass	
CP-OFDM 16 QAM	3740.01	Edge_1RB_Left	19.63	/	/	21.13	/	/	<=30	Pass	
		Edge_1RB_Right	20.17	/	/	21.67	/	/	<=30	Pass	
		Outer_Full	20.03	/	/	21.53	/	/	<=30	Pass	
		Inner_Full	20.97	/	/	22.47	/	/	<=30	Pass	
		Inner_1RB_Left	20.52	/	/	22.02	/	/	<=30	Pass	
		Inner_1RB_Right	20.95	/	/	22.45	/	/	<=30	Pass	
		3840	Edge_1RB_Left	19.9	/	/	21.4	/	/	<=30	Pass
			Edge_1RB_Right	20.12	/	/	21.62	/	/	<=30	Pass
	Outer_Full		19.94	/	/	21.44	/	/	<=30	Pass	
	Inner_Full		20.83	/	/	22.33	/	/	<=30	Pass	
	Inner_1RB_Left		20.72	/	/	22.22	/	/	<=30	Pass	
	Inner_1RB_Right		21	/	/	22.5	/	/	<=30	Pass	
	3939.99	Edge_1RB_Left	19.92	/	/	21.42	/	/	<=30	Pass	
		Edge_1RB_Right	20.46	/	/	21.96	/	/	<=30	Pass	
		Outer_Full	20.48	/	/	21.98	/	/	<=30	Pass	
		Inner_Full	21.52	/	/	23.02	/	/	<=30	Pass	
		Inner_1RB_Left	20.86	/	/	22.36	/	/	<=30	Pass	
		Inner_1RB_Right	21.4	/	/	22.9	/	/	<=30	Pass	
	CP-OFDM 64 QAM	3740.01	Edge_1RB_Left	19.45	/	/	20.95	/	/	<=30	Pass
			Edge_1RB_Right	19.93	/	/	21.43	/	/	<=30	Pass
Outer_Full			19.52	/	/	21.02	/	/	<=30	Pass	
Inner_Full			19.51	/	/	21.01	/	/	<=30	Pass	
Inner_1RB_Left			19.53	/	/	21.03	/	/	<=30	Pass	
Inner_1RB_Right			19.91	/	/	21.41	/	/	<=30	Pass	
3840		Edge_1RB_Left	19.7	/	/	21.2	/	/	<=30	Pass	
		Edge_1RB_Right	20	/	/	21.5	/	/	<=30	Pass	
		Outer_Full	19.46	/	/	20.96	/	/	<=30	Pass	
		Inner_Full	19.35	/	/	20.85	/	/	<=30	Pass	
		Inner_1RB_Left	19.74	/	/	21.24	/	/	<=30	Pass	
		Inner_1RB_Right	19.93	/	/	21.43	/	/	<=30	Pass	
3939.99		Edge_1RB_Left	19.68	/	/	21.18	/	/	<=30	Pass	
		Edge_1RB_Right	20.36	/	/	21.86	/	/	<=30	Pass	
		Outer_Full	20	/	/	21.5	/	/	<=30	Pass	
		Inner_Full	20.05	/	/	21.55	/	/	<=30	Pass	
		Inner_1RB_Left	19.69	/	/	21.19	/	/	<=30	Pass	
		Inner_1RB_Right	20.29	/	/	21.79	/	/	<=30	Pass	
CP-OFDM 256 QAM		3740.01	Edge_1RB_Left	16.39	/	/	17.89	/	/	<=30	Pass
			Edge_1RB_Right	16.78	/	/	18.28	/	/	<=30	Pass
	Outer_Full		16.6	/	/	18.1	/	/	<=30	Pass	
	Inner_Full		16.6	/	/	18.1	/	/	<=30	Pass	
	Inner_1RB_Left		16.41	/	/	17.91	/	/	<=30	Pass	
	Inner_1RB_Right		16.87	/	/	18.37	/	/	<=30	Pass	
	3840	Edge_1RB_Left	16.72	/	/	18.22	/	/	<=30	Pass	
		Edge_1RB_Right	16.96	/	/	18.46	/	/	<=30	Pass	
		Outer_Full	16.52	/	/	18.02	/	/	<=30	Pass	
		Inner_Full	16.4	/	/	17.9	/	/	<=30	Pass	
		Inner_1RB_Left	16.72	/	/	18.22	/	/	<=30	Pass	
		Inner_1RB_Right	16.95	/	/	18.45	/	/	<=30	Pass	
	3939.99	Edge_1RB_Left	16.7	/	/	18.2	/	/	<=30	Pass	
		Edge_1RB_Right	17.25	/	/	18.75	/	/	<=30	Pass	
		Outer_Full	17.09	/	/	18.59	/	/	<=30	Pass	
		Inner_Full	17.11	/	/	18.61	/	/	<=30	Pass	
		Inner_1RB_Left	16.72	/	/	18.22	/	/	<=30	Pass	
		Inner_1RB_Right	17.27	/	/	18.77	/	/	<=30	Pass	
Note1: Antenna Gain: Ant11: 1.50dBi:											

Note2: EIRP=Conducted Power+Antenna Gain

1.1.11 30k_SISO_90MHz_NTNV_EIRP

5G NR n77a 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	22.19	/	/	23.69	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	23.92	/	/	<=30	Pass
		Outer_Full	22.35	/	/	23.85	/	/	<=30	Pass
		Inner_Full	22.92	/	/	24.42	/	/	<=30	Pass
		Inner_1RB_Left	22.64	/	/	24.14	/	/	<=30	Pass
		Inner_1RB_Right	22.96	/	/	24.46	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.35	/	/	23.85	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	24.11	/	/	<=30	Pass
		Outer_Full	22.36	/	/	23.86	/	/	<=30	Pass
		Inner_Full	22.68	/	/	24.18	/	/	<=30	Pass
		Inner_1RB_Left	22.92	/	/	24.42	/	/	<=30	Pass
		Inner_1RB_Right	23.15	/	/	24.65	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	22.58	/	/	24.08	/	/	<=30	Pass
		Edge_1RB_Right	22.95	/	/	24.45	/	/	<=30	Pass
		Outer_Full	22.91	/	/	24.41	/	/	<=30	Pass
		Inner_Full	23.48	/	/	24.98	/	/	<=30	Pass
		Inner_1RB_Left	23.03	/	/	24.53	/	/	<=30	Pass
DFT-s-OFDM QPSK	3745.02	Inner_1RB_Right	23.5	/	/	25	/	/	<=30	Pass
		Edge_1RB_Left	21.59	/	/	23.09	/	/	<=30	Pass
		Edge_1RB_Right	21.92	/	/	23.42	/	/	<=30	Pass
		Outer_Full	21.99	/	/	23.49	/	/	<=30	Pass
		Inner_Full	22.92	/	/	24.42	/	/	<=30	Pass
		Inner_1RB_Left	22.61	/	/	24.11	/	/	<=30	Pass
	3840	Inner_1RB_Right	22.91	/	/	24.41	/	/	<=30	Pass
		Edge_1RB_Left	21.86	/	/	23.36	/	/	<=30	Pass
		Edge_1RB_Right	22.06	/	/	23.56	/	/	<=30	Pass
		Outer_Full	21.8	/	/	23.3	/	/	<=30	Pass
		Inner_Full	22.71	/	/	24.21	/	/	<=30	Pass
	3934.98	Inner_1RB_Left	22.8	/	/	24.3	/	/	<=30	Pass
		Inner_1RB_Right	23.14	/	/	24.64	/	/	<=30	Pass
		Edge_1RB_Left	21.99	/	/	23.49	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	23.98	/	/	<=30	Pass
		Outer_Full	22.43	/	/	23.93	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3745.02	Inner_Full	23.46	/	/	24.96	/	/	<=30	Pass
		Inner_1RB_Left	23	/	/	24.5	/	/	<=30	Pass
		Inner_1RB_Right	23.43	/	/	24.93	/	/	<=30	Pass
		Edge_1RB_Left	20.61	/	/	22.11	/	/	<=30	Pass
		Edge_1RB_Right	20.87	/	/	22.37	/	/	<=30	Pass
		Outer_Full	20.94	/	/	22.44	/	/	<=30	Pass
	3840	Inner_Full	21.86	/	/	23.36	/	/	<=30	Pass
		Inner_1RB_Left	21.55	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Right	21.8	/	/	23.3	/	/	<=30	Pass
		Edge_1RB_Left	20.78	/	/	22.28	/	/	<=30	Pass
		Edge_1RB_Right	21.08	/	/	22.58	/	/	<=30	Pass
	3934.98	Outer_Full	20.92	/	/	22.42	/	/	<=30	Pass
		Inner_Full	21.72	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Left	21.61	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Right	21.97	/	/	23.47	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	21.02	/	/	22.52	/	/	<=30	Pass
		Edge_1RB_Right	21.39	/	/	22.89	/	/	<=30	Pass

		Outer_Full	21.47	/	/	22.97	/	/	<=30	Pass
		Inner_Full	22.42	/	/	23.92	/	/	<=30	Pass
		Inner_1RB_Left	21.88	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Right	22.35	/	/	23.85	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3745.02	Edge_1RB_Left	20.45	/	/	21.95	/	/	<=30	Pass
		Edge_1RB_Right	20.76	/	/	22.26	/	/	<=30	Pass
		Outer_Full	20.49	/	/	21.99	/	/	<=30	Pass
		Inner_Full	20.44	/	/	21.94	/	/	<=30	Pass
		Inner_1RB_Left	20.45	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Right	20.79	/	/	22.29	/	/	<=30	Pass
		Edge_1RB_Left	20.65	/	/	22.15	/	/	<=30	Pass
		Edge_1RB_Right	20.93	/	/	22.43	/	/	<=30	Pass
	3840	Outer_Full	20.46	/	/	21.96	/	/	<=30	Pass
		Inner_Full	20.32	/	/	21.82	/	/	<=30	Pass
		Inner_1RB_Left	20.66	/	/	22.16	/	/	<=30	Pass
		Inner_1RB_Right	20.98	/	/	22.48	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	20.88	/	/	22.38	/	/	<=30	Pass
		Edge_1RB_Right	21.3	/	/	22.8	/	/	<=30	Pass
		Outer_Full	21.01	/	/	22.51	/	/	<=30	Pass
		Inner_Full	21.09	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Left	20.93	/	/	22.43	/	/	<=30	Pass
		Inner_1RB_Right	21.28	/	/	22.78	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3745.02	Edge_1RB_Left	18.27	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	18.58	/	/	20.08	/	/	<=30	Pass
		Outer_Full	18.52	/	/	20.02	/	/	<=30	Pass
		Inner_Full	18.52	/	/	20.02	/	/	<=30	Pass
		Inner_1RB_Left	18.27	/	/	19.77	/	/	<=30	Pass
		Inner_1RB_Right	18.58	/	/	20.08	/	/	<=30	Pass
	3840	Edge_1RB_Left	18.46	/	/	19.96	/	/	<=30	Pass
		Edge_1RB_Right	18.8	/	/	20.3	/	/	<=30	Pass
		Outer_Full	18.5	/	/	20	/	/	<=30	Pass
		Inner_Full	18.4	/	/	19.9	/	/	<=30	Pass
	3934.98	Inner_1RB_Left	18.48	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Right	18.79	/	/	20.29	/	/	<=30	Pass
		Edge_1RB_Left	18.73	/	/	20.23	/	/	<=30	Pass
		Edge_1RB_Right	19.12	/	/	20.62	/	/	<=30	Pass
		Outer_Full	19.07	/	/	20.57	/	/	<=30	Pass
		Inner_Full	19.15	/	/	20.65	/	/	<=30	Pass
		Inner_1RB_Left	18.72	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Right	19.1	/	/	20.6	/	/	<=30	Pass
CP-OFDM QPSK	3745.02	Edge_1RB_Left	19.68	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	20.09	/	/	21.59	/	/	<=30	Pass
		Outer_Full	19.97	/	/	21.47	/	/	<=30	Pass
		Inner_Full	21.38	/	/	22.88	/	/	<=30	Pass
		Inner_1RB_Left	21.18	/	/	22.68	/	/	<=30	Pass
		Inner_1RB_Right	21.48	/	/	22.98	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.84	/	/	21.34	/	/	<=30	Pass
		Edge_1RB_Right	20.12	/	/	21.62	/	/	<=30	Pass
		Outer_Full	19.94	/	/	21.44	/	/	<=30	Pass
		Inner_Full	21.26	/	/	22.76	/	/	<=30	Pass
		Inner_1RB_Left	21.28	/	/	22.78	/	/	<=30	Pass
		Inner_1RB_Right	21.66	/	/	23.16	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	20.19	/	/	21.69	/	/	<=30	Pass
		Edge_1RB_Right	20.53	/	/	22.03	/	/	<=30	Pass
		Outer_Full	20.49	/	/	21.99	/	/	<=30	Pass
		Inner_Full	22.01	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Left	21.6	/	/	23.1	/	/	<=30	Pass
		Inner_1RB_Right	21.93	/	/	23.43	/	/	<=30	Pass
CP-OFDM 16 QAM	3745.02	Edge_1RB_Left	19.4	/	/	20.9	/	/	<=30	Pass

		Edge 1RB Right	19.8	/	/	21.3	/	/	<=30	Pass
		Outer Full	19.94	/	/	21.44	/	/	<=30	Pass
		Inner Full	20.91	/	/	22.41	/	/	<=30	Pass
		Inner 1RB Left	20.53	/	/	22.03	/	/	<=30	Pass
		Inner 1RB Right	20.88	/	/	22.38	/	/	<=30	Pass
	3840	Edge 1RB Left	19.73	/	/	21.23	/	/	<=30	Pass
		Edge 1RB Right	20.12	/	/	21.62	/	/	<=30	Pass
		Outer Full	19.89	/	/	21.39	/	/	<=30	Pass
		Inner Full	20.73	/	/	22.23	/	/	<=30	Pass
		Inner 1RB Left	20.79	/	/	22.29	/	/	<=30	Pass
	3934.98	Inner 1RB Right	20.93	/	/	22.43	/	/	<=30	Pass
		Edge 1RB Left	19.94	/	/	21.44	/	/	<=30	Pass
		Edge 1RB Right	20.42	/	/	21.92	/	/	<=30	Pass
		Outer Full	20.47	/	/	21.97	/	/	<=30	Pass
		Inner Full	21.54	/	/	23.04	/	/	<=30	Pass
CP-OFDM 64 QAM	3745.02	Inner 1RB Left	20.96	/	/	22.46	/	/	<=30	Pass
		Inner 1RB Right	21.35	/	/	22.85	/	/	<=30	Pass
		Edge 1RB Left	19.45	/	/	20.95	/	/	<=30	Pass
		Edge 1RB Right	19.79	/	/	21.29	/	/	<=30	Pass
		Outer Full	19.46	/	/	20.96	/	/	<=30	Pass
	3840	Inner Full	19.47	/	/	20.97	/	/	<=30	Pass
		Inner 1RB Left	19.41	/	/	20.91	/	/	<=30	Pass
		Inner 1RB Right	19.68	/	/	21.18	/	/	<=30	Pass
		Edge 1RB Left	19.65	/	/	21.15	/	/	<=30	Pass
		Edge 1RB Right	19.96	/	/	21.46	/	/	<=30	Pass
	3934.98	Outer Full	19.41	/	/	20.91	/	/	<=30	Pass
		Inner Full	19.28	/	/	20.78	/	/	<=30	Pass
		Inner 1RB Left	19.62	/	/	21.12	/	/	<=30	Pass
		Inner 1RB Right	19.91	/	/	21.41	/	/	<=30	Pass
		Edge 1RB Left	19.9	/	/	21.4	/	/	<=30	Pass
CP-OFDM 256 QAM	3745.02	Edge 1RB Right	20.27	/	/	21.77	/	/	<=30	Pass
		Outer Full	19.96	/	/	21.46	/	/	<=30	Pass
		Inner Full	20.07	/	/	21.57	/	/	<=30	Pass
		Inner 1RB Left	19.94	/	/	21.44	/	/	<=30	Pass
		Inner 1RB Right	20.31	/	/	21.81	/	/	<=30	Pass
	3840	Edge 1RB Left	16.33	/	/	17.83	/	/	<=30	Pass
		Edge 1RB Right	16.67	/	/	18.17	/	/	<=30	Pass
		Outer Full	16.58	/	/	18.08	/	/	<=30	Pass
		Inner Full	16.54	/	/	18.04	/	/	<=30	Pass
		Inner 1RB Left	16.34	/	/	17.84	/	/	<=30	Pass
	3934.98	Inner 1RB Right	16.67	/	/	18.17	/	/	<=30	Pass
		Edge 1RB Left	16.55	/	/	18.05	/	/	<=30	Pass
		Edge 1RB Right	16.88	/	/	18.38	/	/	<=30	Pass
		Outer Full	16.5	/	/	18	/	/	<=30	Pass
		Inner Full	16.39	/	/	17.89	/	/	<=30	Pass
	3840	Inner 1RB Left	16.59	/	/	18.09	/	/	<=30	Pass
		Inner 1RB Right	16.85	/	/	18.35	/	/	<=30	Pass
		Edge 1RB Left	16.8	/	/	18.3	/	/	<=30	Pass
		Edge 1RB Right	17.2	/	/	18.7	/	/	<=30	Pass
		Outer Full	17.11	/	/	18.61	/	/	<=30	Pass
	3934.98	Inner Full	17.14	/	/	18.64	/	/	<=30	Pass
		Inner 1RB Left	16.83	/	/	18.33	/	/	<=30	Pass
		Inner 1RB Right	17.2	/	/	18.7	/	/	<=30	Pass
		Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain								

1.1.12 30k_SISO_100MHz_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 100MHz 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	3750	Edge 1RB Left	22.21	/	/	23.71	/	/	<=30	Pass
		Edge 1RB Right	22.45	/	/	23.95	/	/	<=30	Pass
		Outer Full	22.54	/	/	24.04	/	/	<=30	Pass
		Inner Full	23	/	/	24.5	/	/	<=30	Pass
		Inner 1RB Left	22.66	/	/	24.16	/	/	<=30	Pass
		Inner 1RB Right	22.94	/	/	24.44	/	/	<=30	Pass
	3840	Edge 1RB Left	22.41	/	/	23.91	/	/	<=30	Pass
		Edge 1RB Right	22.71	/	/	24.21	/	/	<=30	Pass
		Outer Full	22.36	/	/	23.86	/	/	<=30	Pass
		Inner Full	22.7	/	/	24.2	/	/	<=30	Pass
		Inner 1RB Left	22.92	/	/	24.42	/	/	<=30	Pass
		Inner 1RB Right	23.23	/	/	24.73	/	/	<=30	Pass
	3930	Edge 1RB Left	22.66	/	/	24.16	/	/	<=30	Pass
		Edge 1RB Right	23	/	/	24.5	/	/	<=30	Pass
		Outer Full	22.88	/	/	24.38	/	/	<=30	Pass
		Inner Full	23.36	/	/	24.86	/	/	<=30	Pass
		Inner 1RB Left	23.22	/	/	24.72	/	/	<=30	Pass
DFT-s-OFDM QPSK	3750	Inner 1RB Right	23.55	/	/	25.05	/	/	<=30	Pass
		Edge 1RB Left	21.68	/	/	23.18	/	/	<=30	Pass
		Edge 1RB Right	22.05	/	/	23.55	/	/	<=30	Pass
		Outer Full	22.04	/	/	23.54	/	/	<=30	Pass
		Inner Full	22.96	/	/	24.46	/	/	<=30	Pass
	3840	Inner 1RB Left	22.72	/	/	24.22	/	/	<=30	Pass
		Inner 1RB Right	22.9	/	/	24.4	/	/	<=30	Pass
		Edge 1RB Left	21.9	/	/	23.4	/	/	<=30	Pass
		Edge 1RB Right	22.16	/	/	23.66	/	/	<=30	Pass
		Outer Full	21.91	/	/	23.41	/	/	<=30	Pass
	3930	Inner Full	22.7	/	/	24.2	/	/	<=30	Pass
		Inner 1RB Left	22.9	/	/	24.4	/	/	<=30	Pass
		Inner 1RB Right	23.11	/	/	24.61	/	/	<=30	Pass
		Edge 1RB Left	22.07	/	/	23.57	/	/	<=30	Pass
		Edge 1RB Right	22.52	/	/	24.02	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Outer Full	22.38	/	/	23.88	/	/	<=30	Pass
		Inner Full	23.35	/	/	24.85	/	/	<=30	Pass
		Inner 1RB Left	23.14	/	/	24.64	/	/	<=30	Pass
		Inner 1RB Right	23.5	/	/	25	/	/	<=30	Pass
		Edge 1RB Left	20.54	/	/	22.04	/	/	<=30	Pass
	3840	Edge 1RB Right	20.86	/	/	22.36	/	/	<=30	Pass
		Outer Full	21.07	/	/	22.57	/	/	<=30	Pass
		Inner Full	21.97	/	/	23.47	/	/	<=30	Pass
		Inner 1RB Left	21.61	/	/	23.11	/	/	<=30	Pass
		Inner 1RB Right	21.85	/	/	23.35	/	/	<=30	Pass
	3930	Edge 1RB Left	20.69	/	/	22.19	/	/	<=30	Pass
		Edge 1RB Right	21.02	/	/	22.52	/	/	<=30	Pass
		Outer Full	20.99	/	/	22.49	/	/	<=30	Pass
		Inner Full	21.81	/	/	23.31	/	/	<=30	Pass
		Inner 1RB Left	21.77	/	/	23.27	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Inner 1RB Right	22.01	/	/	23.51	/	/	<=30	Pass
		Edge 1RB Left	21.03	/	/	22.53	/	/	<=30	Pass
		Edge 1RB Right	21.36	/	/	22.86	/	/	<=30	Pass
		Outer Full	21.45	/	/	22.95	/	/	<=30	Pass
		Inner Full	22.37	/	/	23.87	/	/	<=30	Pass
		Inner 1RB Left	22.03	/	/	23.53	/	/	<=30	Pass
		Inner 1RB Right	22.45	/	/	23.95	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Edge 1RB Left	20.45	/	/	21.95	/	/	<=30	Pass
		Edge 1RB Right	20.74	/	/	22.24	/	/	<=30	Pass

		Outer_Full	20.59	/	/	22.09	/	/	<=30	Pass
		Inner_Full	20.58	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Left	20.46	/	/	21.96	/	/	<=30	Pass
		Inner_1RB_Right	20.75	/	/	22.25	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.74	/	/	22.24	/	/	<=30	Pass
		Edge_1RB_Right	20.96	/	/	22.46	/	/	<=30	Pass
		Outer_Full	20.5	/	/	22	/	/	<=30	Pass
		Inner_Full	20.4	/	/	21.9	/	/	<=30	Pass
		Inner_1RB_Left	20.72	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Right	20.95	/	/	22.45	/	/	<=30	Pass
	3930	Edge_1RB_Left	20.94	/	/	22.44	/	/	<=30	Pass
		Edge_1RB_Right	21.3	/	/	22.8	/	/	<=30	Pass
		Outer_Full	21	/	/	22.5	/	/	<=30	Pass
		Inner_Full	21.01	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Left	20.98	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Right	21.34	/	/	22.84	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Edge_1RB_Left	18.31	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	18.62	/	/	20.12	/	/	<=30	Pass
		Outer_Full	18.65	/	/	20.15	/	/	<=30	Pass
		Inner_Full	18.67	/	/	20.17	/	/	<=30	Pass
		Inner_1RB_Left	18.35	/	/	19.85	/	/	<=30	Pass
		Inner_1RB_Right	18.57	/	/	20.07	/	/	<=30	Pass
	3840	Edge_1RB_Left	18.57	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Right	18.84	/	/	20.34	/	/	<=30	Pass
		Outer_Full	18.57	/	/	20.07	/	/	<=30	Pass
		Inner_Full	18.45	/	/	19.95	/	/	<=30	Pass
		Inner_1RB_Left	18.55	/	/	20.05	/	/	<=30	Pass
		Inner_1RB_Right	18.79	/	/	20.29	/	/	<=30	Pass
	3930	Edge_1RB_Left	18.77	/	/	20.27	/	/	<=30	Pass
		Edge_1RB_Right	19.14	/	/	20.64	/	/	<=30	Pass
		Outer_Full	19	/	/	20.5	/	/	<=30	Pass
		Inner_Full	19.05	/	/	20.55	/	/	<=30	Pass
		Inner_1RB_Left	18.73	/	/	20.23	/	/	<=30	Pass
		Inner_1RB_Right	19.15	/	/	20.65	/	/	<=30	Pass
CP-OFDM QPSK	3750	Edge_1RB_Left	19.7	/	/	21.2	/	/	<=30	Pass
		Edge_1RB_Right	19.95	/	/	21.45	/	/	<=30	Pass
		Outer_Full	20.1	/	/	21.6	/	/	<=30	Pass
		Inner_Full	21.5	/	/	23	/	/	<=30	Pass
		Inner_1RB_Left	21.28	/	/	22.78	/	/	<=30	Pass
		Inner_1RB_Right	21.43	/	/	22.93	/	/	<=30	Pass
	3840	Edge_1RB_Left	20	/	/	21.5	/	/	<=30	Pass
		Edge_1RB_Right	20.15	/	/	21.65	/	/	<=30	Pass
		Outer_Full	19.99	/	/	21.49	/	/	<=30	Pass
		Inner_Full	21.32	/	/	22.82	/	/	<=30	Pass
		Inner_1RB_Left	21.43	/	/	22.93	/	/	<=30	Pass
		Inner_1RB_Right	21.67	/	/	23.17	/	/	<=30	Pass
	3930	Edge_1RB_Left	20.19	/	/	21.69	/	/	<=30	Pass
		Edge_1RB_Right	20.52	/	/	22.02	/	/	<=30	Pass
		Outer_Full	20.46	/	/	21.96	/	/	<=30	Pass
		Inner_Full	21.89	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Left	21.65	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Right	22.01	/	/	23.51	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Edge_1RB_Left	19.58	/	/	21.08	/	/	<=30	Pass
		Edge_1RB_Right	19.8	/	/	21.3	/	/	<=30	Pass
		Outer_Full	20.05	/	/	21.55	/	/	<=30	Pass
		Inner_Full	21.04	/	/	22.54	/	/	<=30	Pass
		Inner_1RB_Left	20.58	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Right	20.84	/	/	22.34	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.84	/	/	21.34	/	/	<=30	Pass

		Edge_1RB_Right	20.11	/	/	21.61	/	/	<=30	Pass
		Outer_Full	19.94	/	/	21.44	/	/	<=30	Pass
		Inner_Full	20.84	/	/	22.34	/	/	<=30	Pass
		Inner_1RB_Left	20.74	/	/	22.24	/	/	<=30	Pass
		Inner_1RB_Right	21.04	/	/	22.54	/	/	<=30	Pass
	3930	Edge_1RB_Left	19.92	/	/	21.42	/	/	<=30	Pass
		Edge_1RB_Right	20.37	/	/	21.87	/	/	<=30	Pass
		Outer_Full	20.38	/	/	21.88	/	/	<=30	Pass
		Inner_Full	21.42	/	/	22.92	/	/	<=30	Pass
		Inner_1RB_Left	20.9	/	/	22.4	/	/	<=30	Pass
		Inner_1RB_Right	21.41	/	/	22.91	/	/	<=30	Pass
CP-OFDM 64 QAM	3750	Edge_1RB_Left	19.5	/	/	21	/	/	<=30	Pass
		Edge_1RB_Right	19.76	/	/	21.26	/	/	<=30	Pass
		Outer_Full	19.57	/	/	21.07	/	/	<=30	Pass
		Inner_Full	19.58	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Left	19.52	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Right	19.74	/	/	21.24	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.7	/	/	21.2	/	/	<=30	Pass
		Edge_1RB_Right	20.02	/	/	21.52	/	/	<=30	Pass
		Outer_Full	19.51	/	/	21.01	/	/	<=30	Pass
		Inner_Full	19.41	/	/	20.91	/	/	<=30	Pass
		Inner_1RB_Left	19.76	/	/	21.26	/	/	<=30	Pass
		Inner_1RB_Right	19.94	/	/	21.44	/	/	<=30	Pass
	3930	Edge_1RB_Left	19.9	/	/	21.4	/	/	<=30	Pass
		Edge_1RB_Right	20.3	/	/	21.8	/	/	<=30	Pass
		Outer_Full	19.92	/	/	21.42	/	/	<=30	Pass
		Inner_Full	19.93	/	/	21.43	/	/	<=30	Pass
		Inner_1RB_Left	19.91	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Right	20.26	/	/	21.76	/	/	<=30	Pass
CP-OFDM 256 QAM	3750	Edge_1RB_Left	16.4	/	/	17.9	/	/	<=30	Pass
		Edge_1RB_Right	16.72	/	/	18.22	/	/	<=30	Pass
		Outer_Full	16.64	/	/	18.14	/	/	<=30	Pass
		Inner_Full	16.67	/	/	18.17	/	/	<=30	Pass
		Inner_1RB_Left	16.5	/	/	18	/	/	<=30	Pass
		Inner_1RB_Right	16.66	/	/	18.16	/	/	<=30	Pass
	3840	Edge_1RB_Left	16.62	/	/	18.12	/	/	<=30	Pass
		Edge_1RB_Right	16.91	/	/	18.41	/	/	<=30	Pass
		Outer_Full	16.55	/	/	18.05	/	/	<=30	Pass
		Inner_Full	16.47	/	/	17.97	/	/	<=30	Pass
		Inner_1RB_Left	16.68	/	/	18.18	/	/	<=30	Pass
		Inner_1RB_Right	16.96	/	/	18.46	/	/	<=30	Pass
	3930	Edge_1RB_Left	16.81	/	/	18.31	/	/	<=30	Pass
		Edge_1RB_Right	17.26	/	/	18.76	/	/	<=30	Pass
		Outer_Full	17.02	/	/	18.52	/	/	<=30	Pass
Inner_Full		17.06	/	/	18.56	/	/	<=30	Pass	
Inner_1RB_Left		16.86	/	/	18.36	/	/	<=30	Pass	
		Inner_1RB_Right	17.21	/	/	18.71	/	/	<=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 n77a SCS=30kHz SISO 100MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3840	Outer_Full	20	LV	-10.30	-0.0027	>=-2.5 & <=2.5	Pass
				HV	-11.70	-0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	-5.10	-0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-8.90	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-6.20	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-13.50	-0.0035	>=-2.5 & <=2.5	Pass
			10	NV	-7.30	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-3.50	-0.0009	>=-2.5 & <=2.5	Pass
			30	NV	-10.70	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-12.00	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-5.80	-0.0015	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30k_SISO_10MHz_NTNV

5G NR n77a SCS=30kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	8.68	9.31	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	8.66	9.40	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	8.61	9.37	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	8.70	9.29	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	8.60	9.26	/	Pass
CP-OFDM QPSK	3840	Outer_Full	8.59	9.29	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	8.70	9.45	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	8.64	9.25	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	8.69	9.34	/	Pass

3.1.2 30k_SISO_15MHz_NTNV

5G NR n77a SCS=30kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	12.87	13.93	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	13.03	14.07	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	13.03	13.94	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	12.92	13.96	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	13.07	13.95	/	Pass
CP-OFDM QPSK	3840	Outer_Full	13.71	14.67	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	13.72	14.62	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	13.69	14.73	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	13.66	14.79	/	Pass

3.1.3 30k_SISO_20MHz_NTNV

5G NR n77a SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency	RB	99% Bandwidth	26dB Bandwidth	Limit	Verdict

	(MHz)	Allocation	(MHz)	(MHz)	(MHz)	
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	17.93	19.30	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	18.16	19.23	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	18.12	19.34	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	18.08	19.21	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	18.07	19.10	/	Pass
CP-OFDM QPSK	3840	Outer_Full	18.47	19.68	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	18.51	19.67	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	18.32	19.64	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	18.25	19.51	/	Pass

3.1.4 30k_SISO_25MHz_NTNV

5G NR n77a SCS=30kHz SISO 25MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	23.16	24.62	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	23.17	24.60	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	23.17	24.72	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	23.03	24.65	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	23.08	24.58	/	Pass
CP-OFDM QPSK	3840	Outer_Full	23.37	25.00	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	23.34	25.10	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	23.42	24.94	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	23.48	24.74	/	Pass

3.1.5 30k_SISO_30MHz_NTNV

5G NR n77a SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	27.08	29.15	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	27.14	29.07	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	27.06	28.98	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	27.19	29.05	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	27.00	28.92	/	Pass
CP-OFDM QPSK	3840	Outer_Full	28.00	29.82	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	27.98	30.02	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	28.06	30.07	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	28.08	29.97	/	Pass

3.1.6 30k_SISO_40MHz_NTNV

5G NR n77a SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	36.09	38.40	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	36.25	38.56	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	36.01	38.43	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	36.12	38.40	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	36.20	38.20	/	Pass
CP-OFDM QPSK	3840	Outer_Full	38.28	40.72	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	38.27	40.77	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	38.24	40.72	/	Pass

CP-OFDM 256 QAM	3840	Outer_Full	38.14	40.77	/	Pass
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3.1.7 30k_SISO_50MHz_NTNV

5G NR n77a SCS=30kHz SISO 50MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	46.35	49.06	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	46.26	49.19	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	46.15	49.16	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	45.98	49.28	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	45.99	49.07	/	Pass
CP-OFDM QPSK	3840	Outer_Full	47.78	50.83	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	47.93	51.11	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	47.94	50.64	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	47.82	51.03	/	Pass

3.1.8 30k_SISO_60MHz_NTNV

5G NR n77a SCS=30kHz SISO 60MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	58.17	62.02	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	58.26	62.21	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	58.31	62.20	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	58.40	62.22	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	58.61	61.98	/	Pass
CP-OFDM QPSK	3840	Outer_Full	58.20	61.95	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	58.30	61.95	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	58.00	62.02	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	58.26	61.90	/	Pass

3.1.9 30k_SISO_70MHz_NTNV

5G NR n77a SCS=30kHz SISO 70MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	64.99	69.41	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	64.97	69.57	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	64.63	69.25	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	65.04	69.64	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	64.54	69.60	/	Pass
CP-OFDM QPSK	3840	Outer_Full	68.29	72.87	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	68.16	72.64	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	68.10	72.50	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	67.78	72.47	/	Pass

3.1.10 30k_SISO_80MHz_NTNV

5G NR n77a SCS=30kHz SISO 80MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	77.80	83.10	/	Pass

DFT-s-OFDM QPSK	3840	Outer_Full	77.88	83.11	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	77.92	82.47	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	77.61	82.85	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	77.60	82.90	/	Pass
CP-OFDM QPSK	3840	Outer_Full	77.86	83.12	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	77.92	83.40	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	77.94	82.90	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	78.09	83.27	/	Pass

3.1.11 30k_SISO_90MHz_NTNV

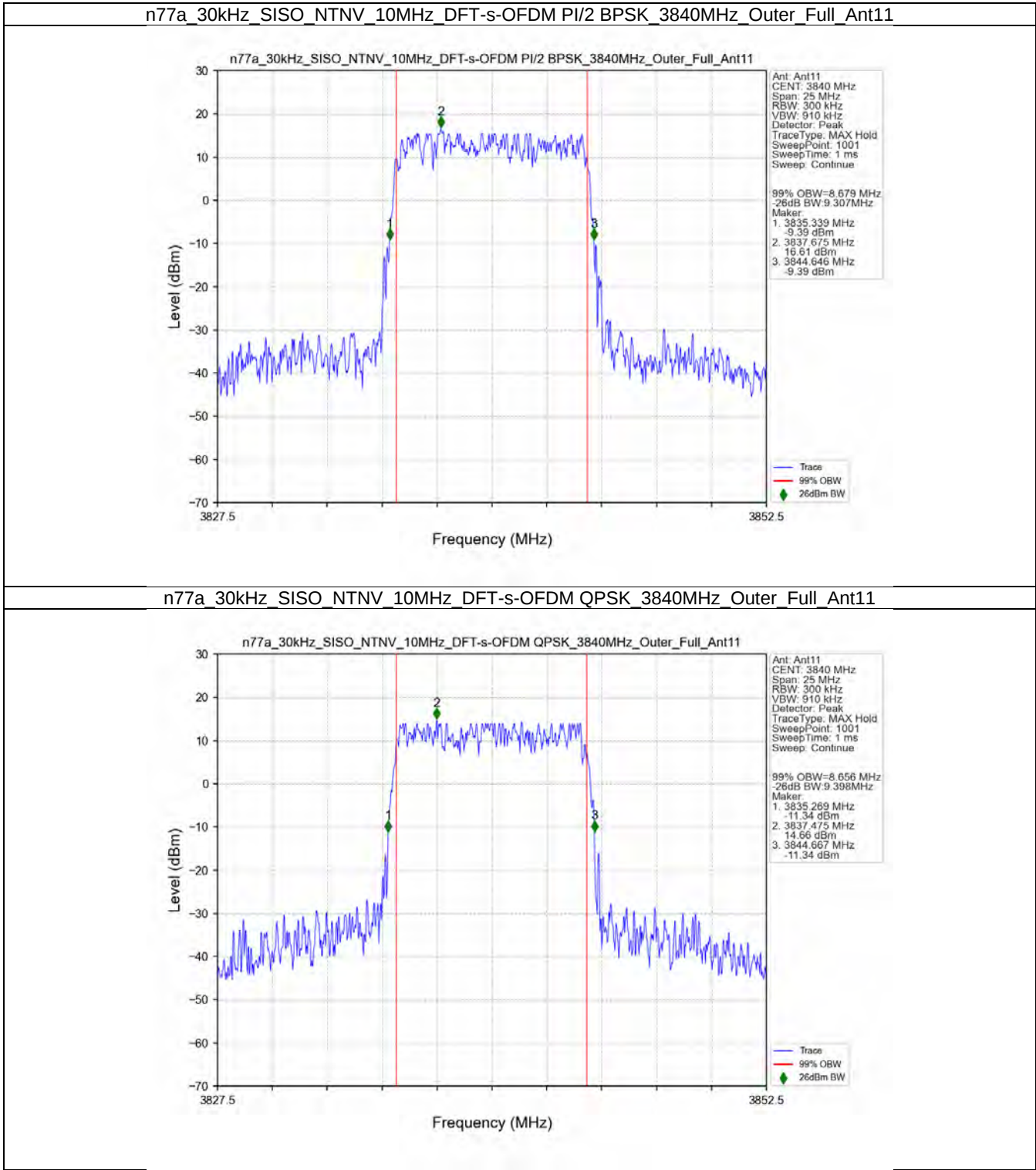
5G NR n77a SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	87.86	93.31	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	87.48	93.03	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	87.23	93.20	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	87.53	93.11	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	87.33	92.41	/	Pass
CP-OFDM QPSK	3840	Outer_Full	88.17	93.99	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	88.25	93.81	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	88.14	93.85	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	88.13	93.47	/	Pass

3.1.12 30k_SISO_100MHz_NTNV

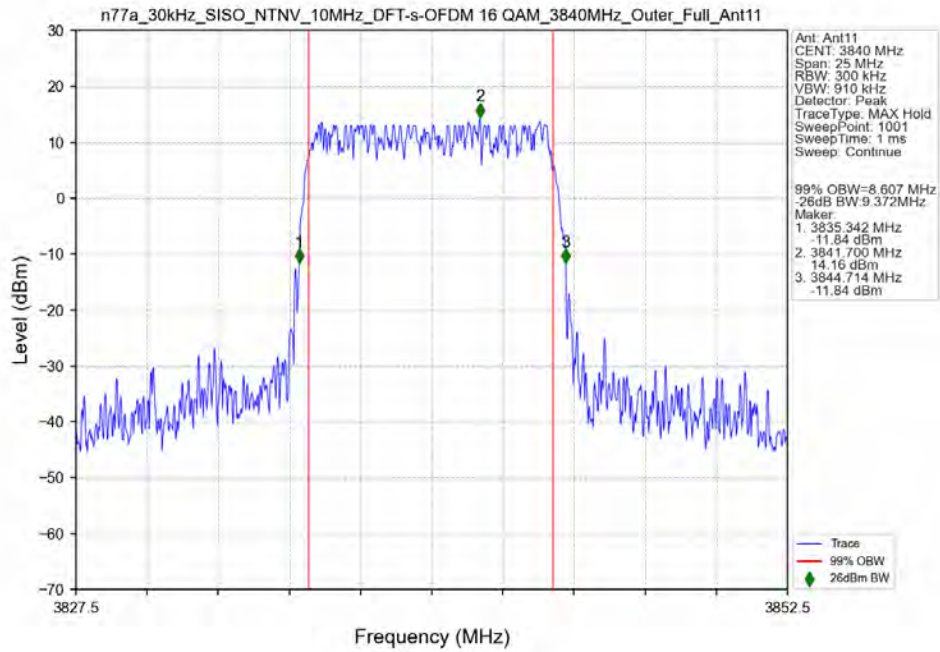
5G NR n77a SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	97.03	103.74	/	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	96.98	103.35	/	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	97.09	103.15	/	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	97.42	103.56	/	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	97.31	103.54	/	Pass
CP-OFDM QPSK	3840	Outer_Full	98.29	104.45	/	Pass
CP-OFDM 16 QAM	3840	Outer_Full	98.52	104.42	/	Pass
CP-OFDM 64 QAM	3840	Outer_Full	98.46	104.20	/	Pass
CP-OFDM 256 QAM	3840	Outer_Full	98.19	104.44	/	Pass

3.2 Test Graph

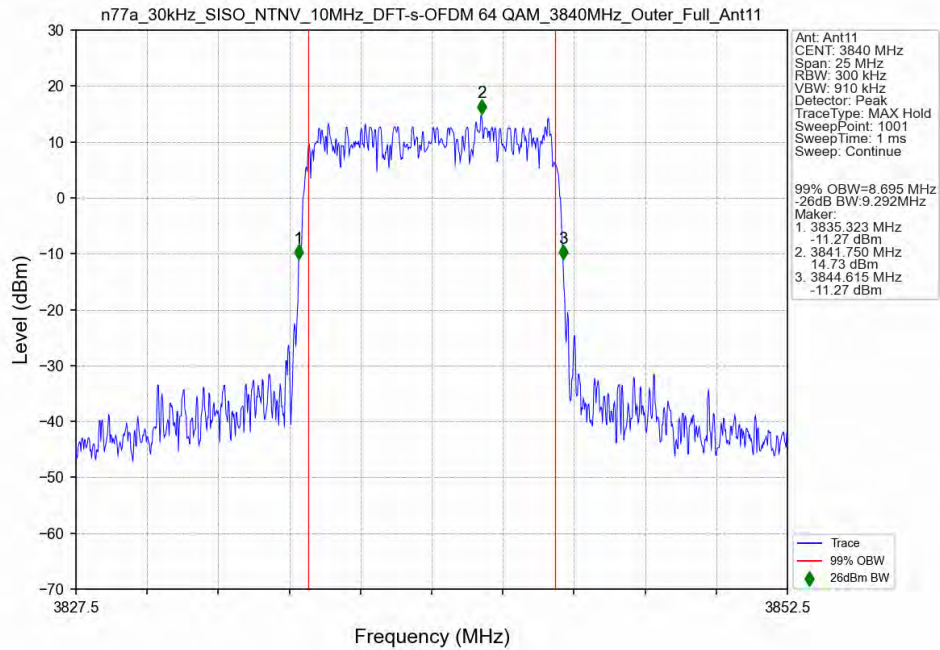
3.2.1 30k_SISO_10MHz_NTNV



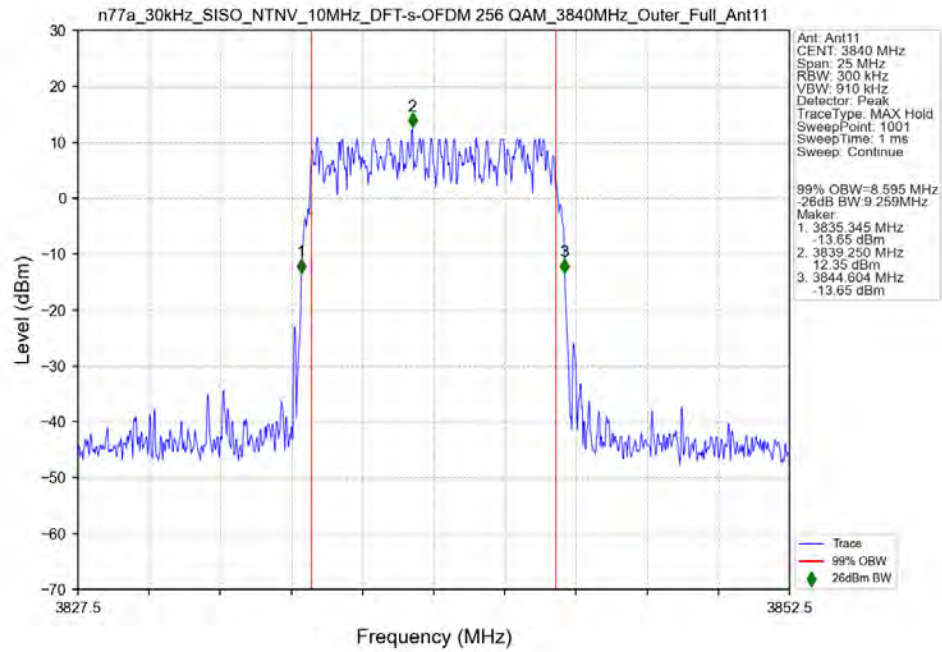
n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_3840MHz_Outer_Full_Ant11



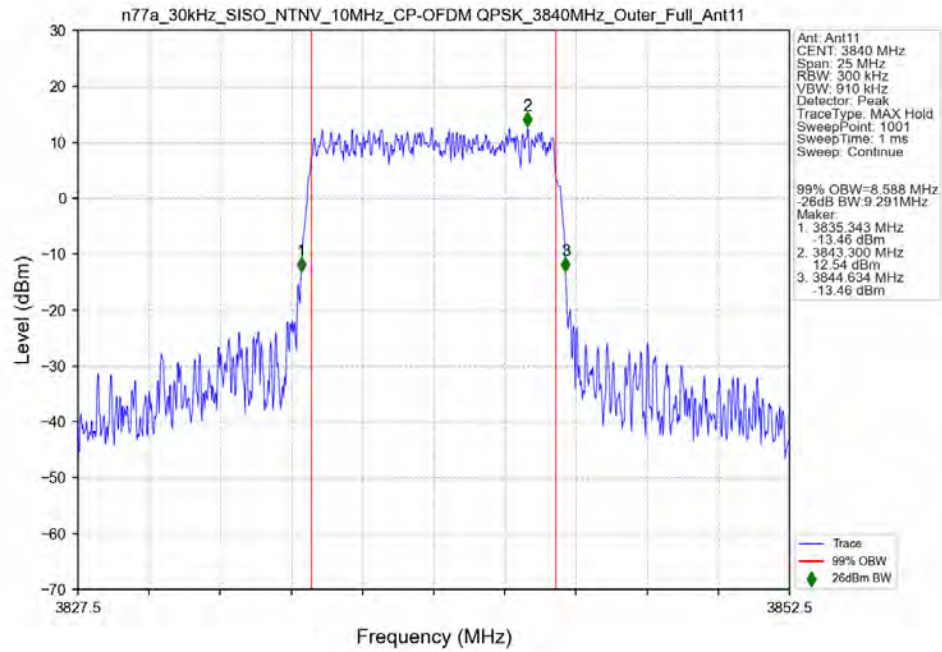
n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_3840MHz_Outer_Full_Ant11



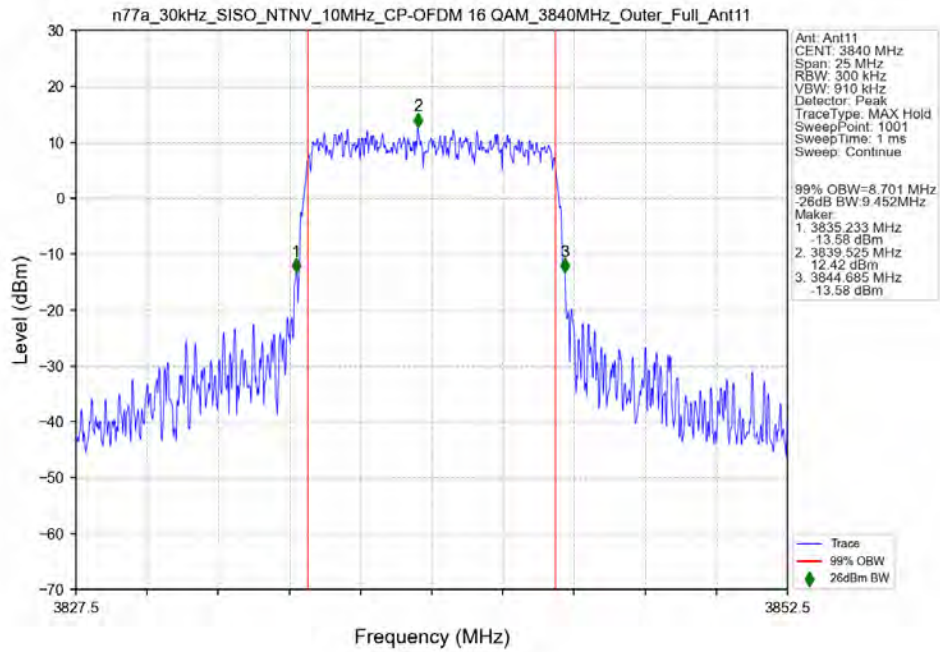
n77a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM 3840MHz_Outer_Full_Ant11



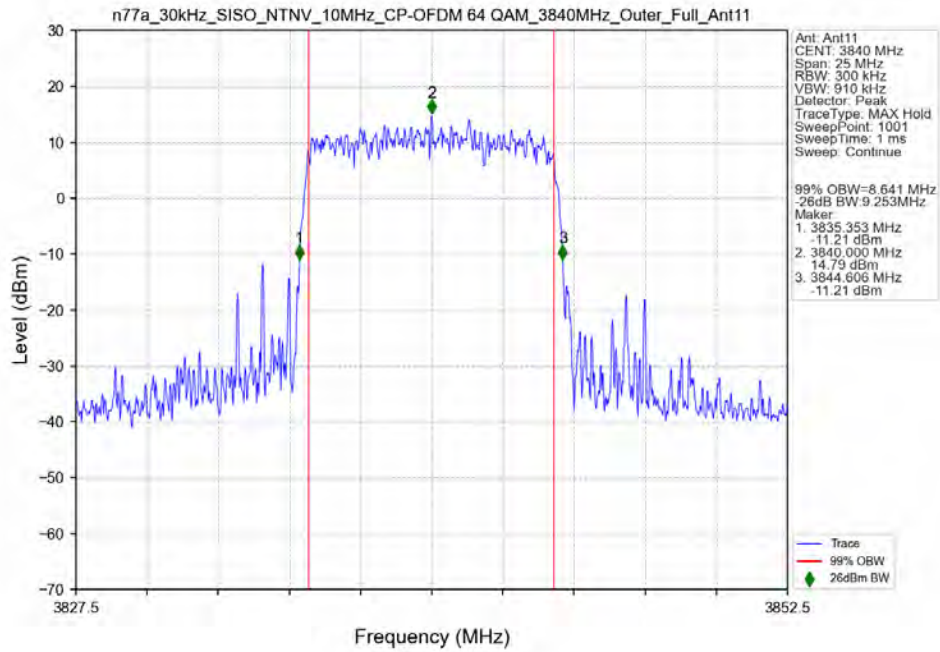
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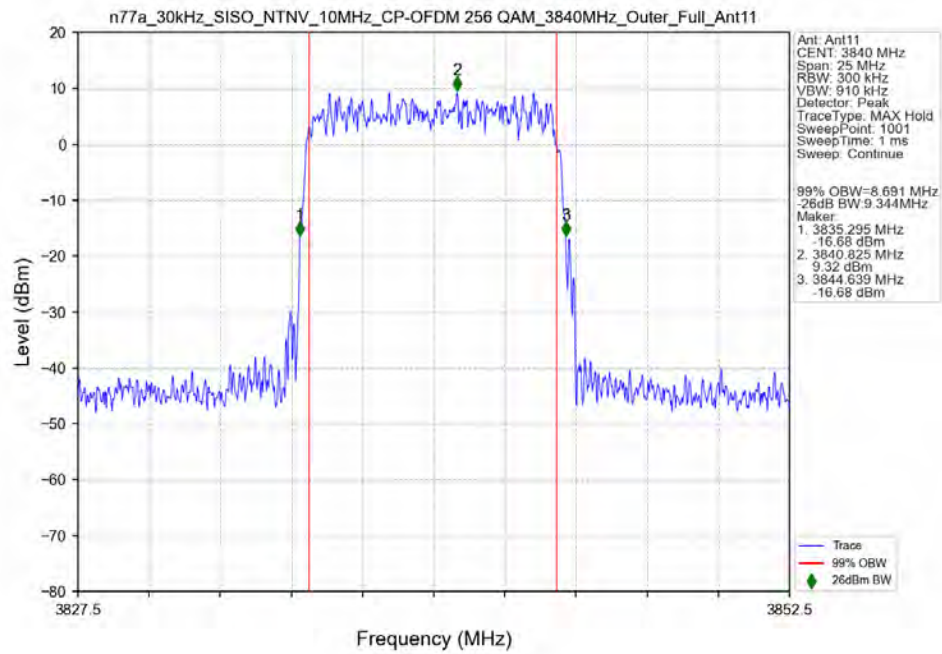
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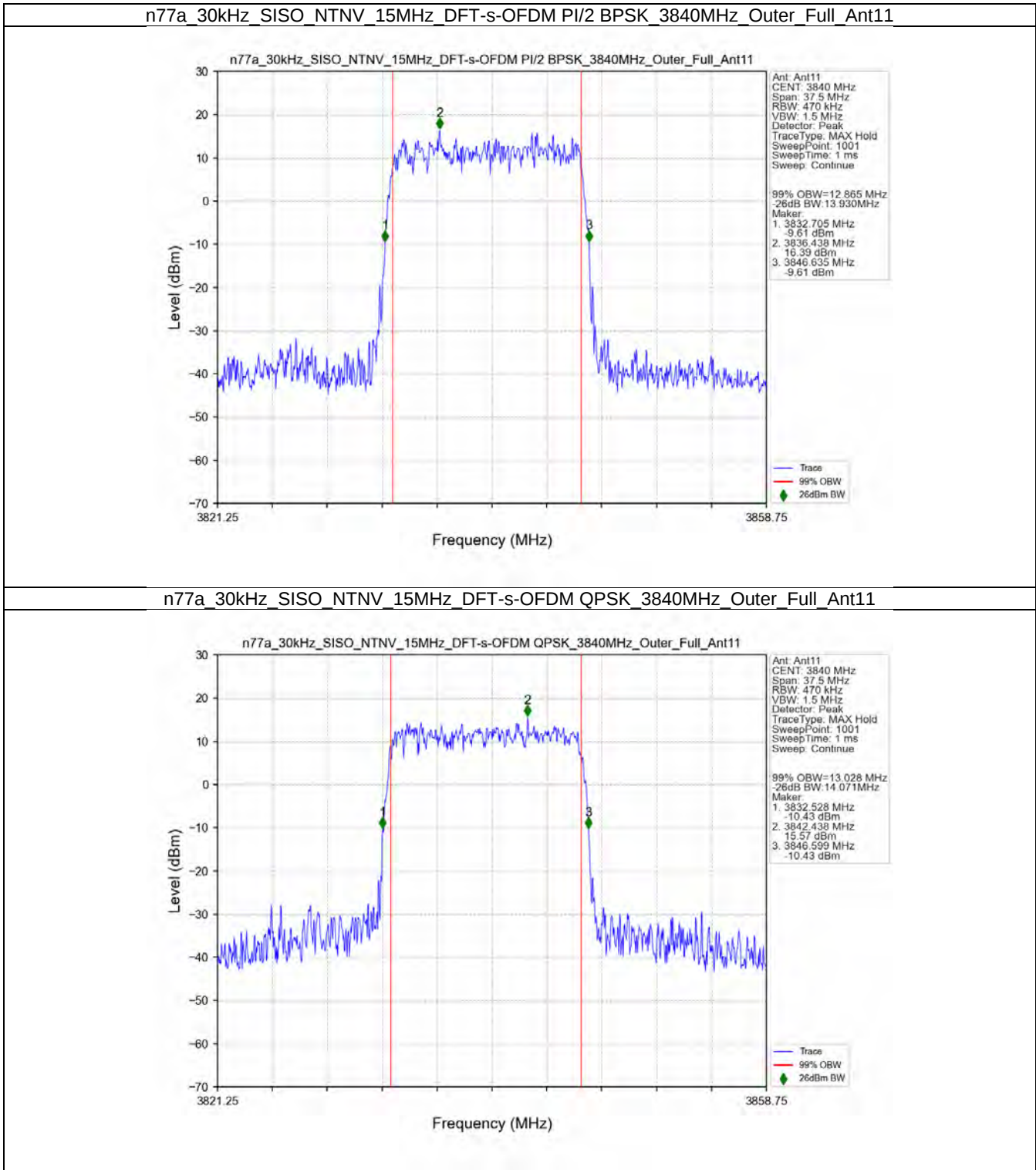
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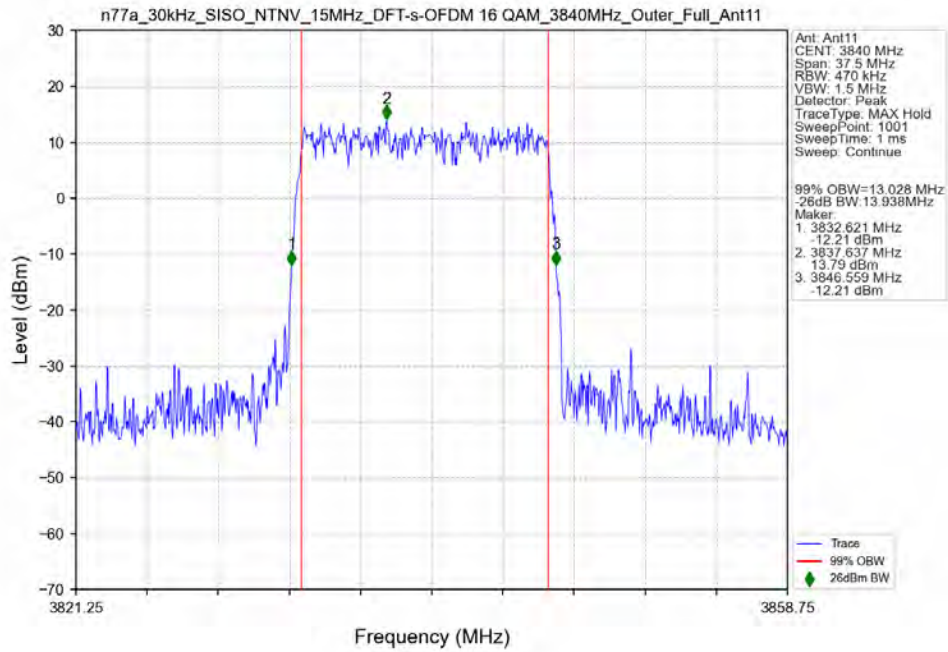
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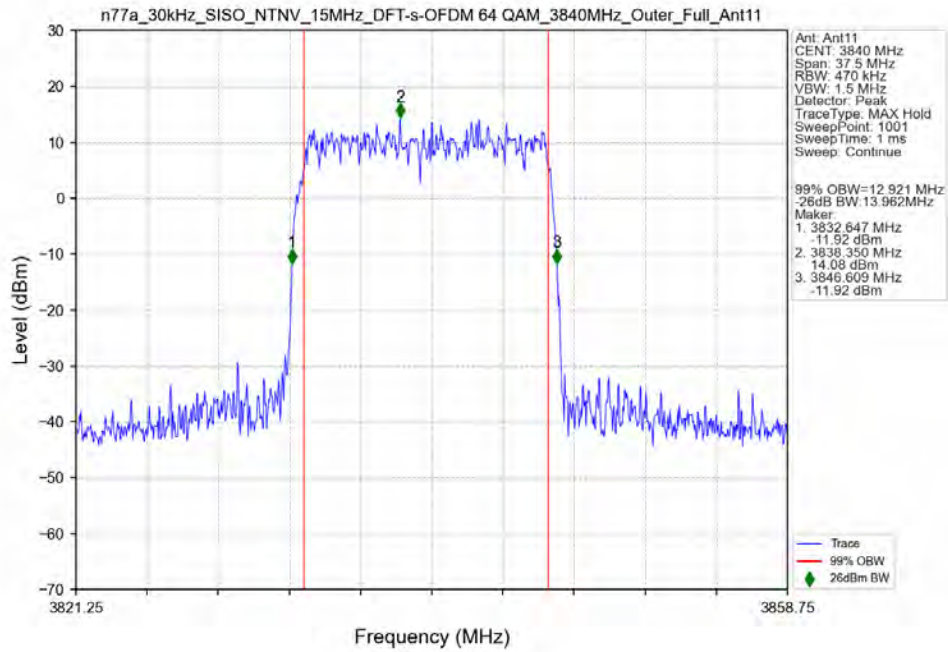
3.2.2 30k_SISO_15MHz_NTNV



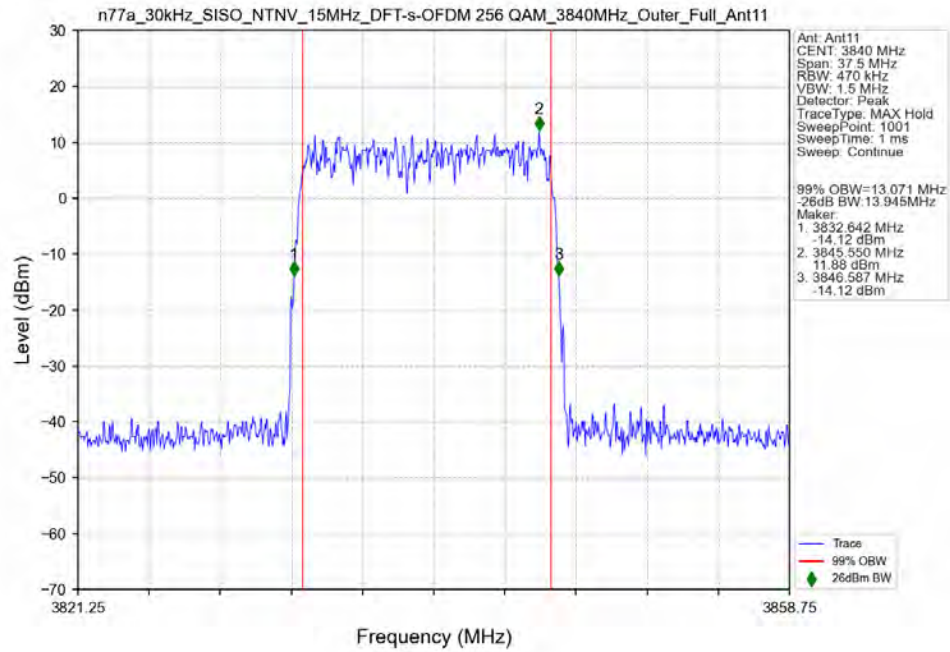
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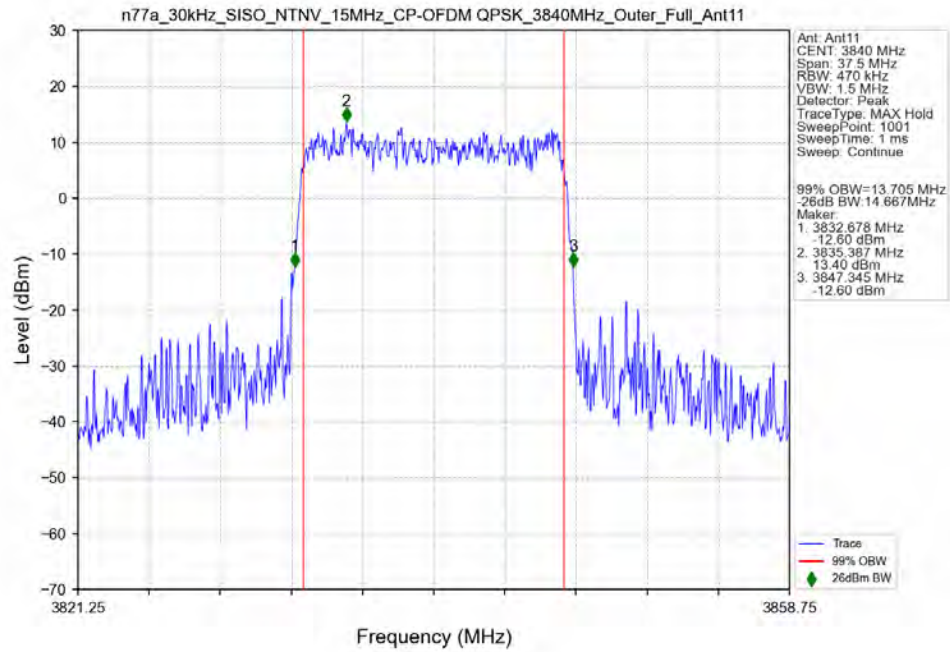
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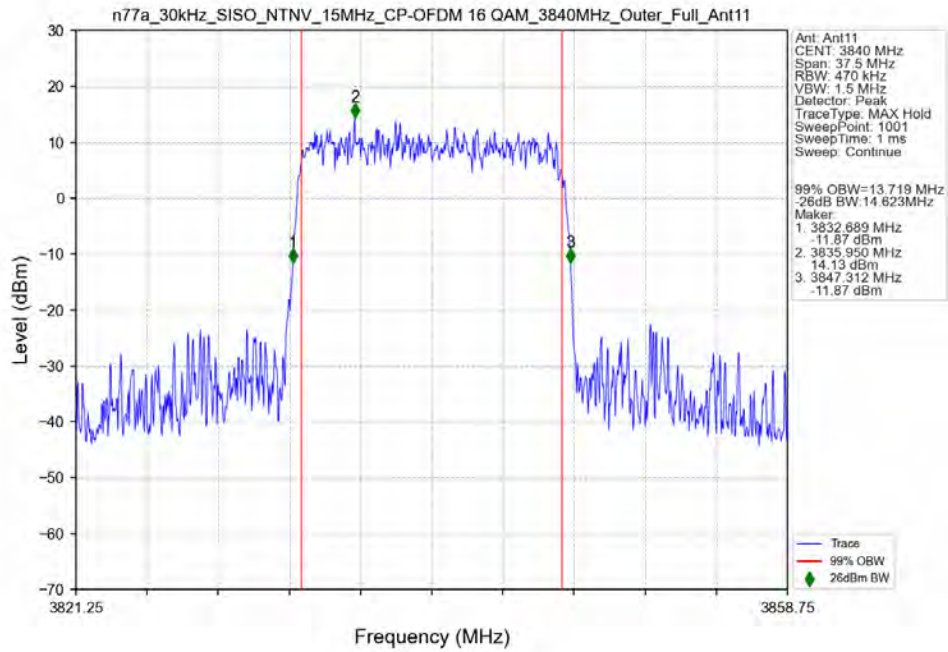
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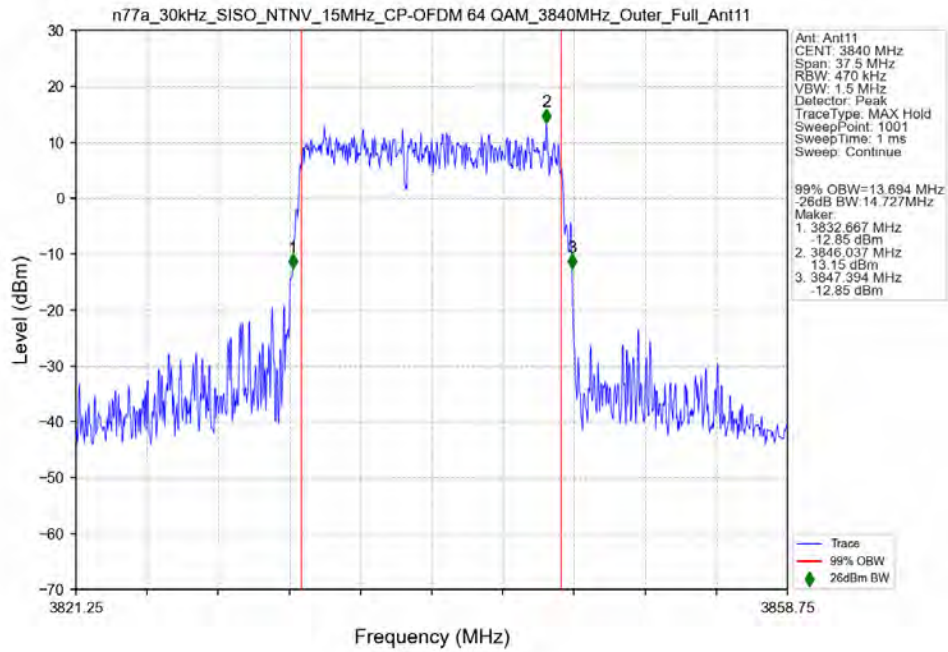
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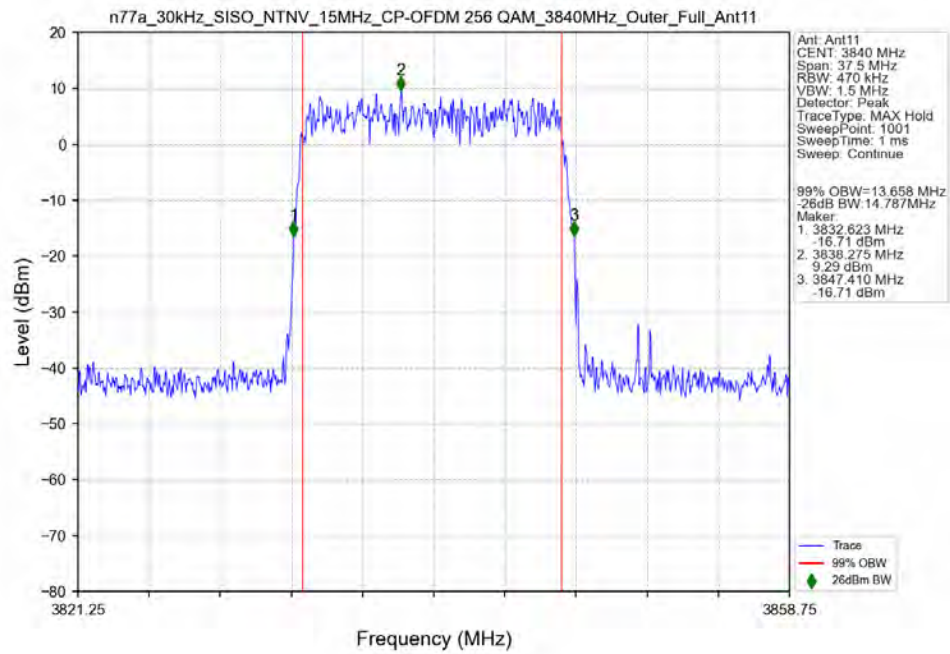
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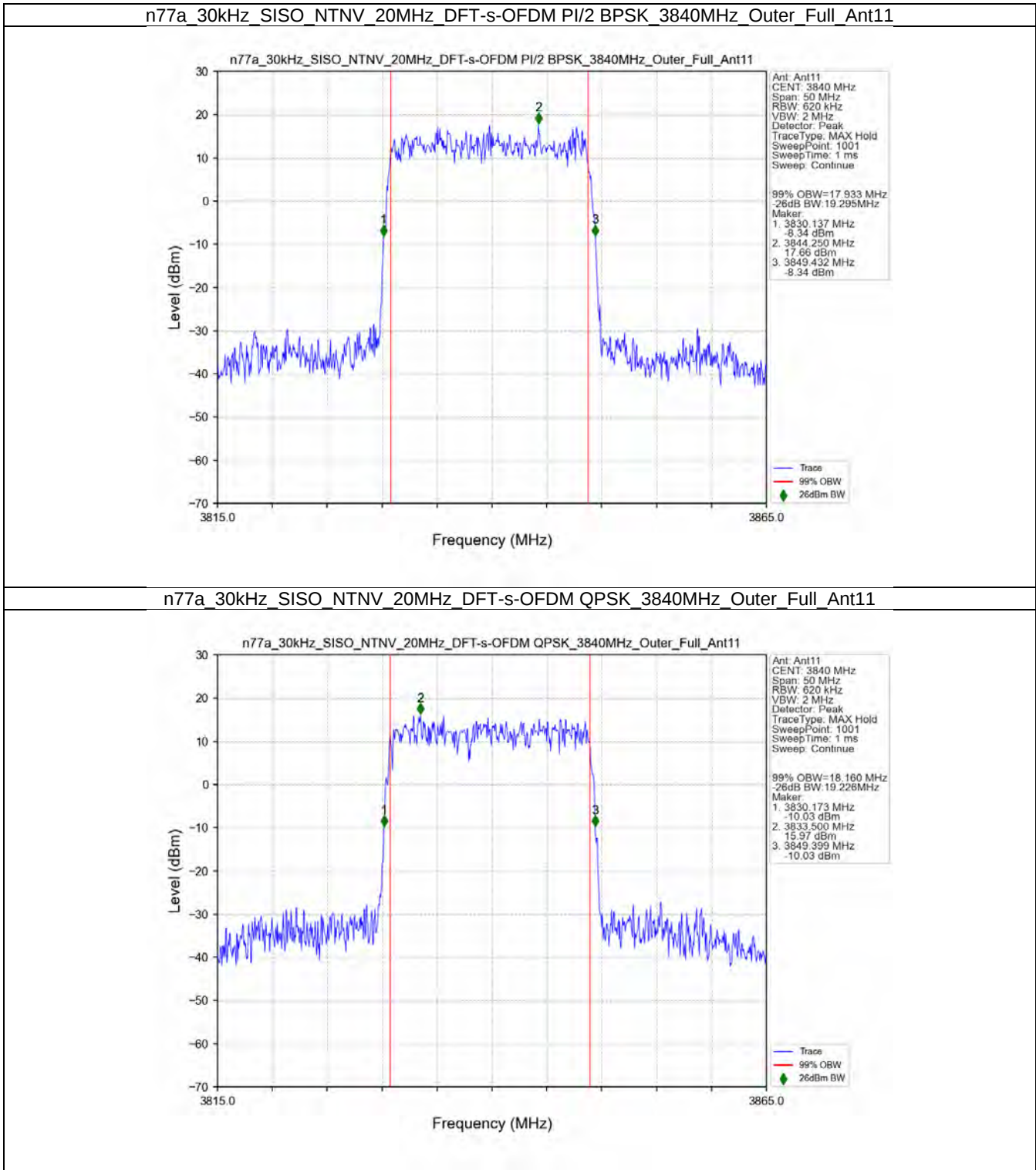
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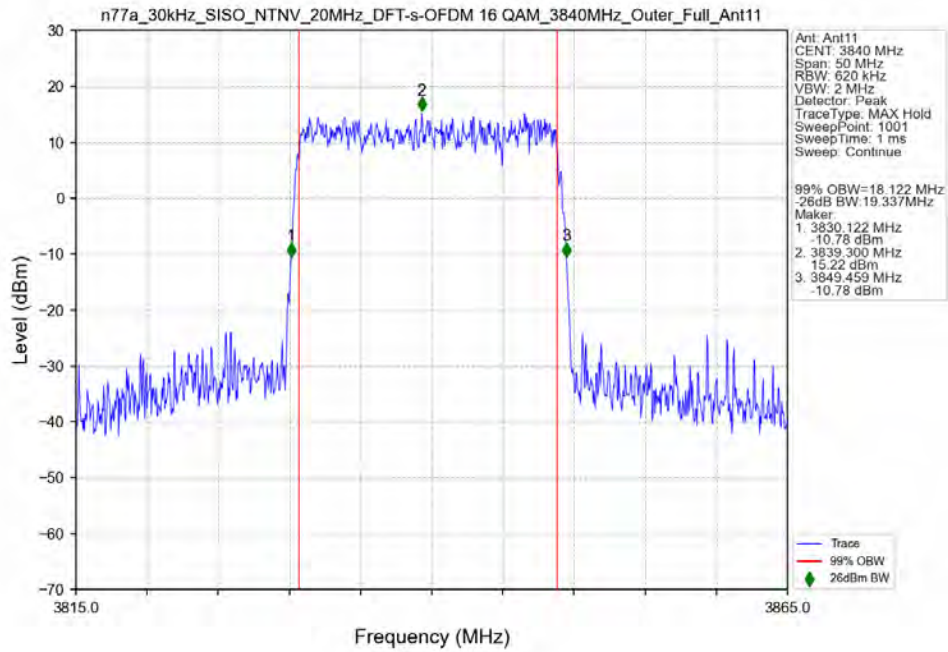
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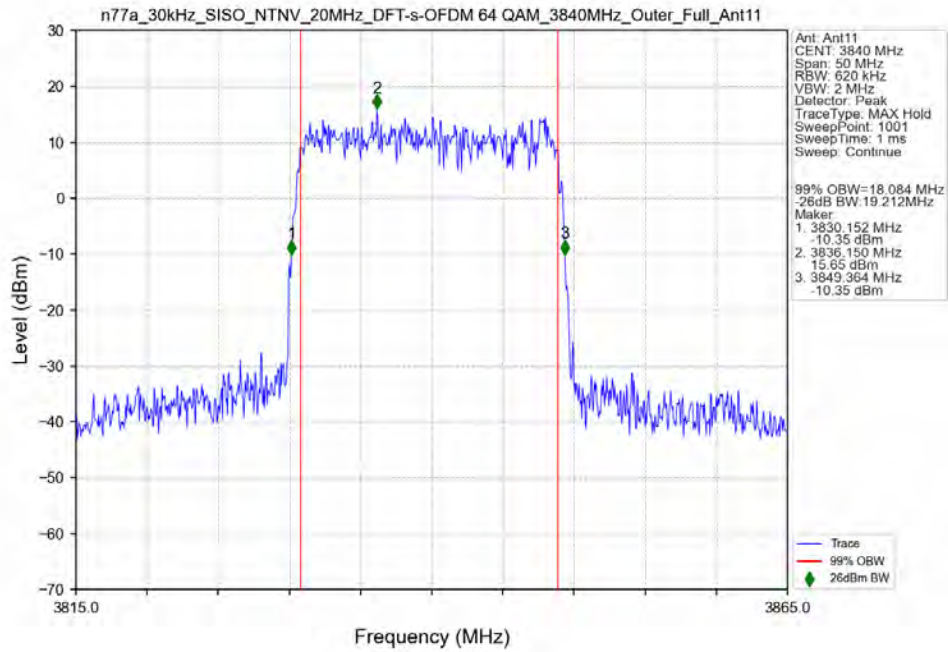
3.2.3 30k_SISO_20MHz_NTNV



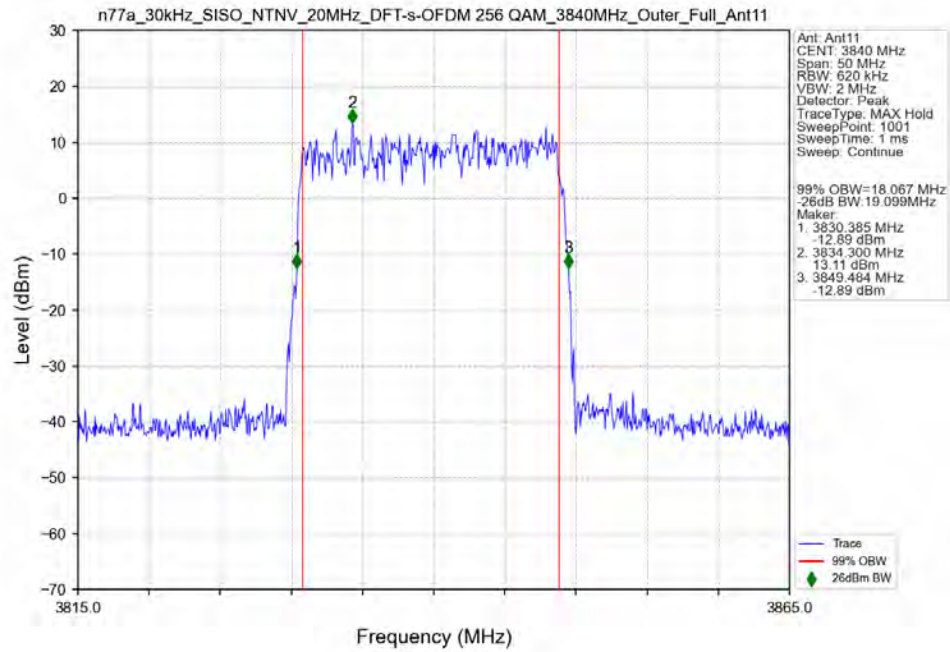
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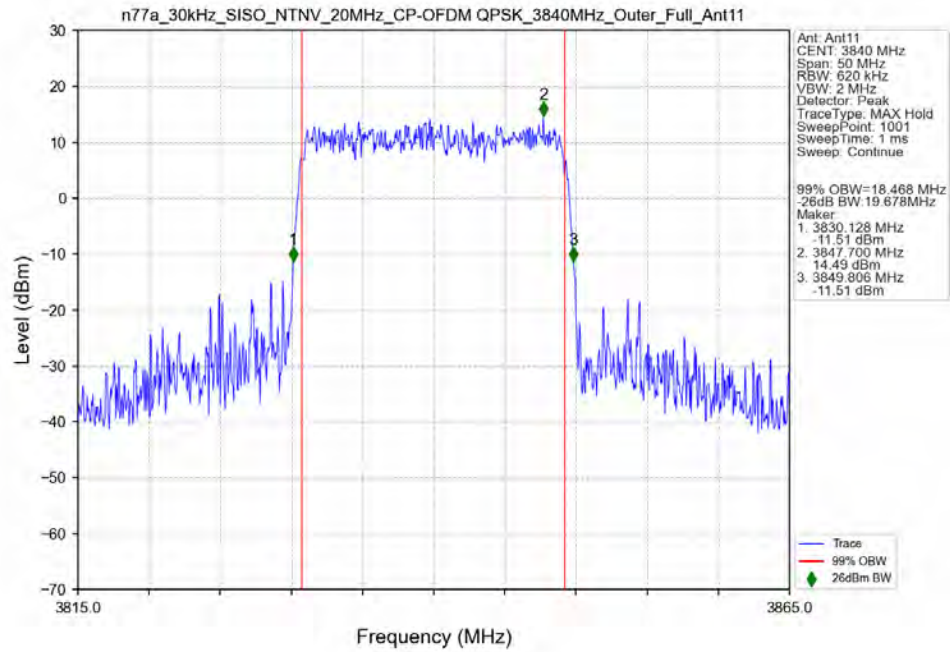
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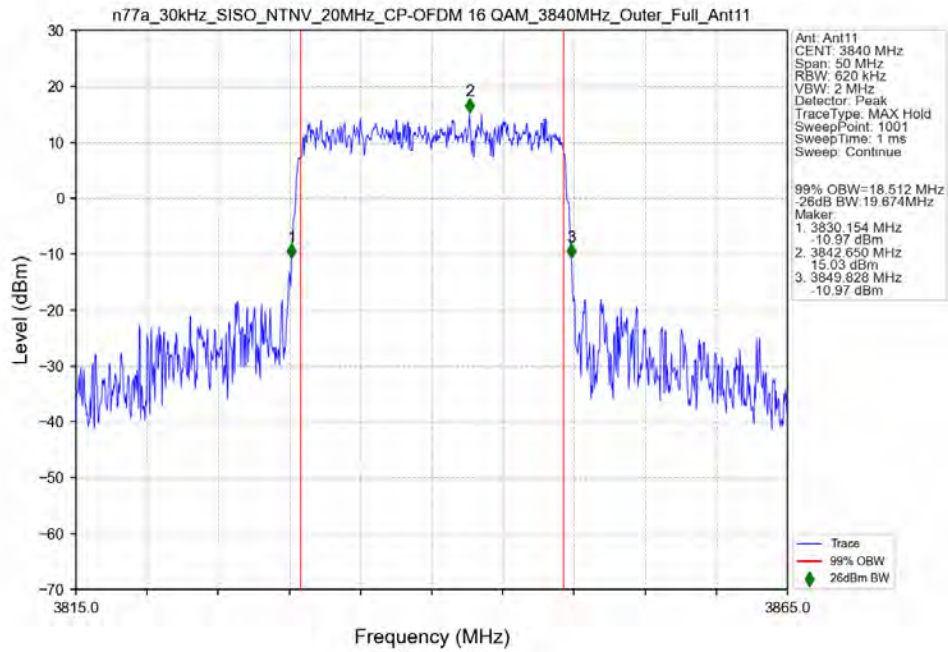
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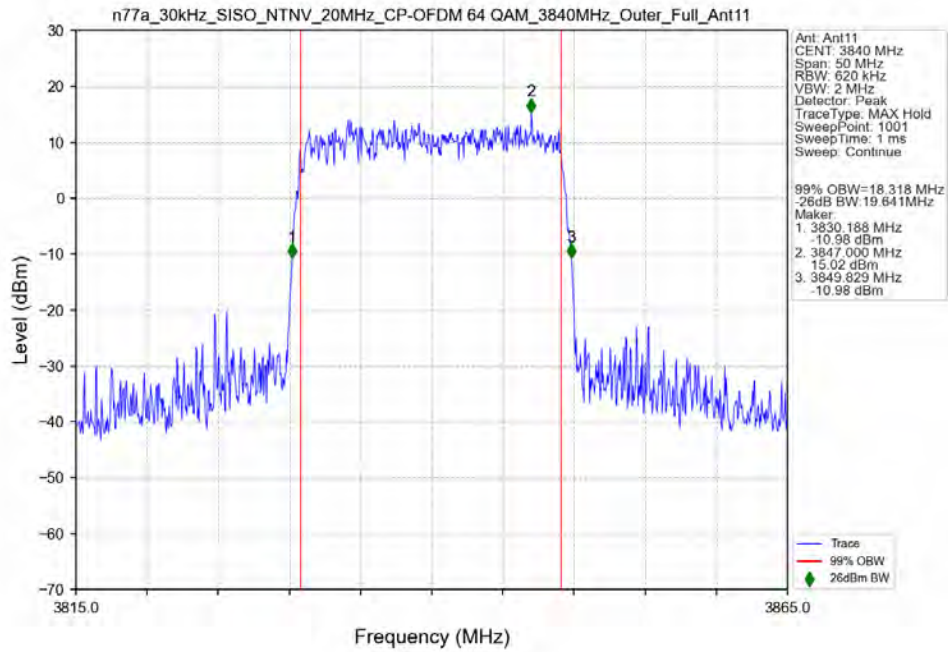
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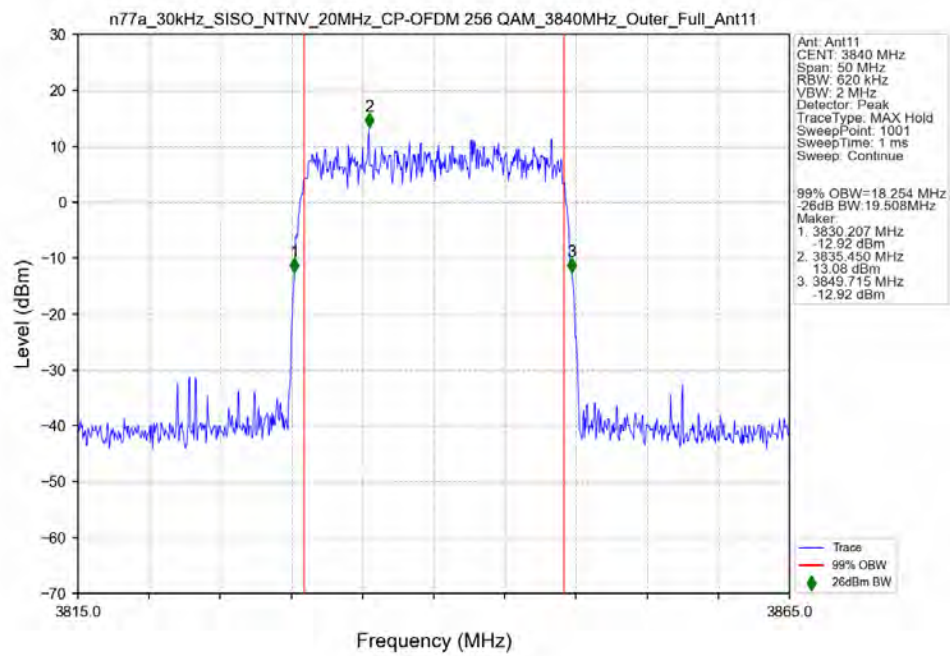
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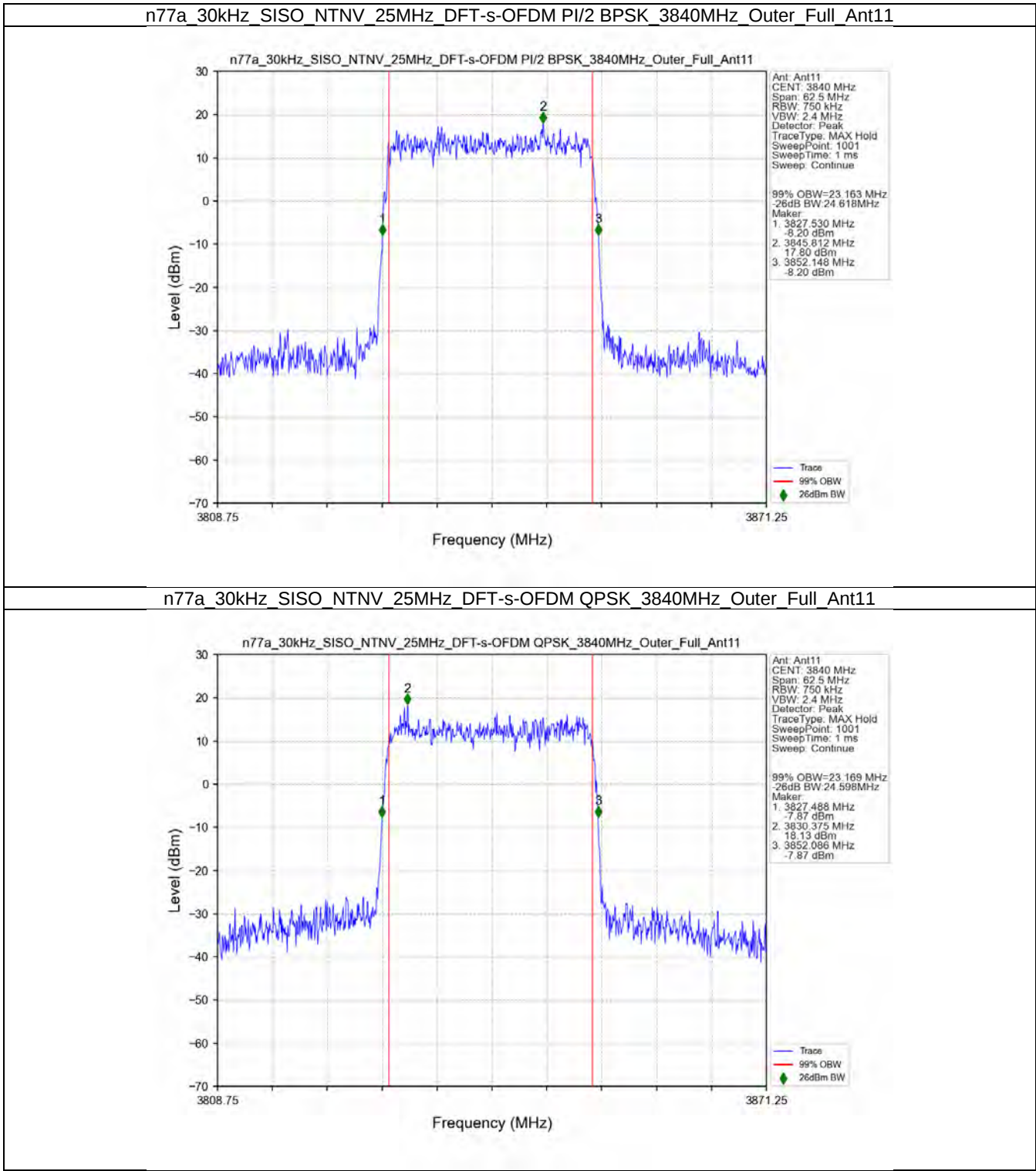
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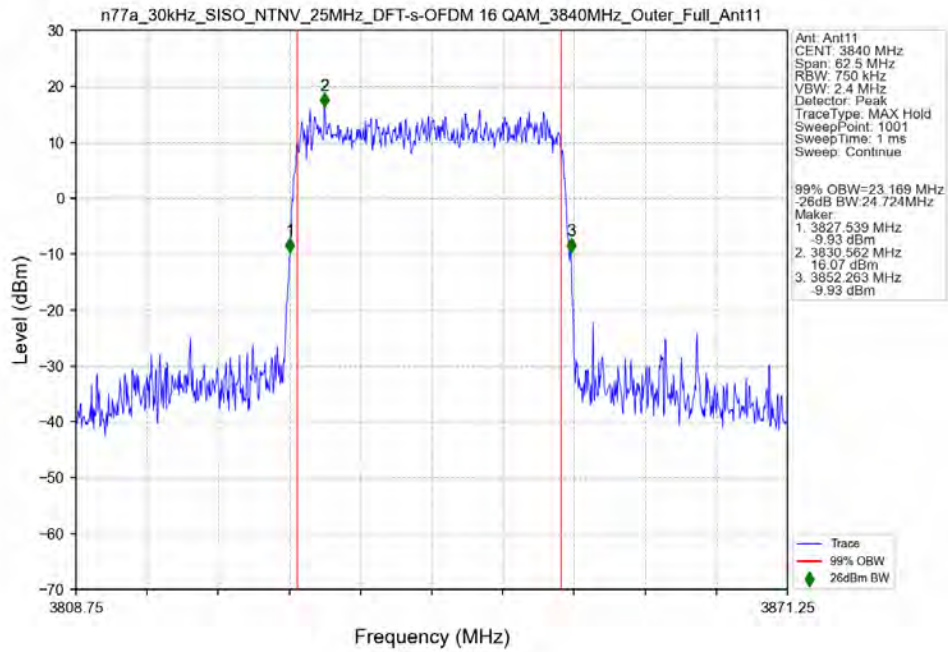
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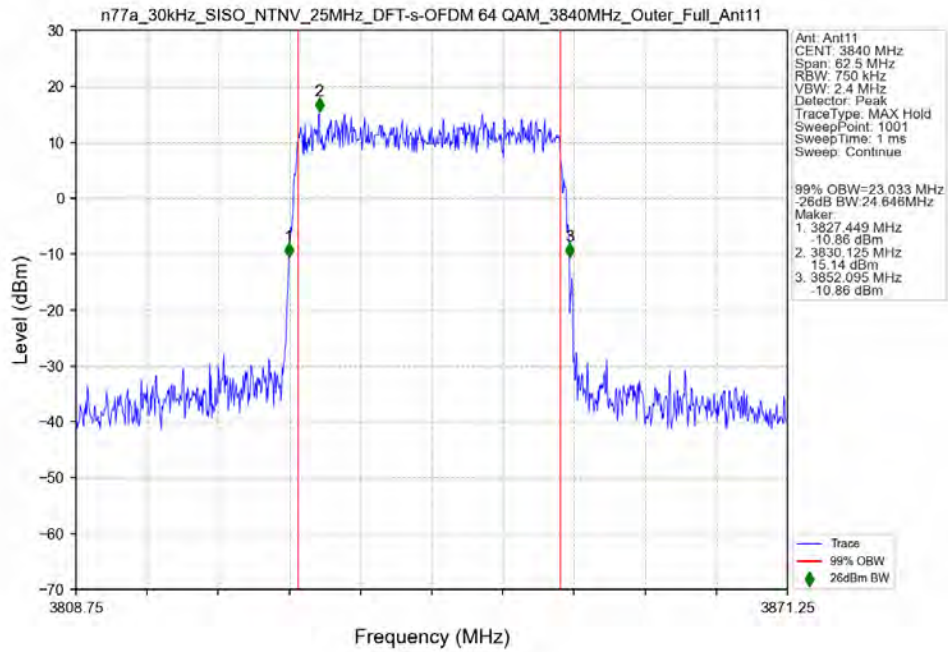
3.2.4 30k_SISO_25MHz_NTNV



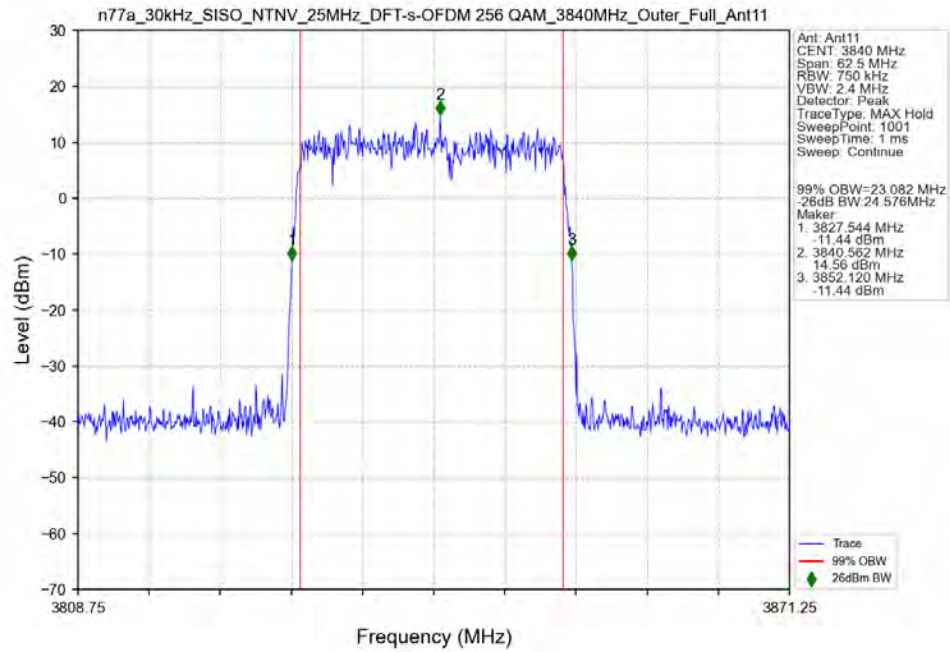
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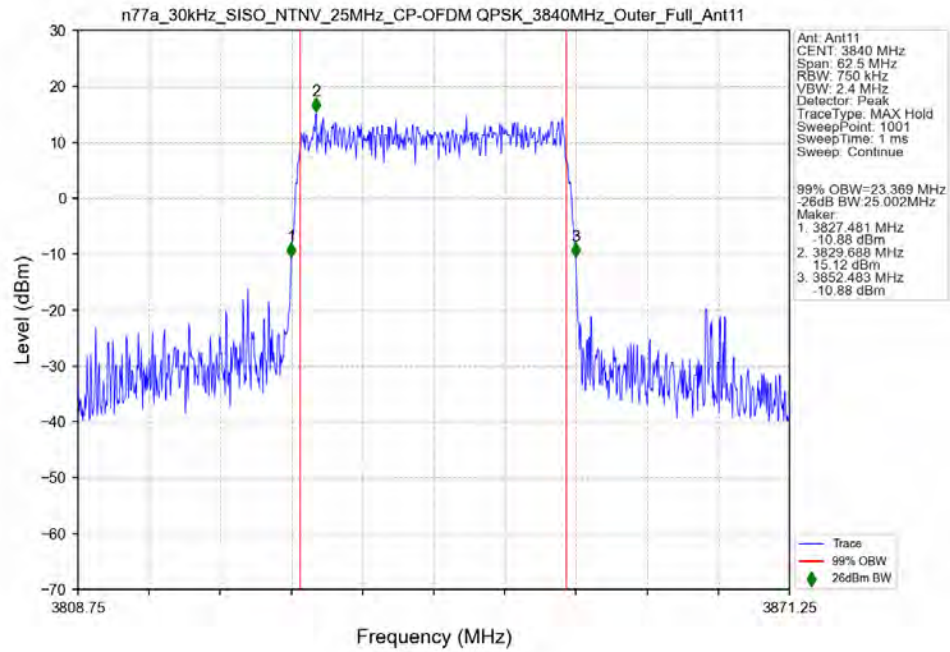
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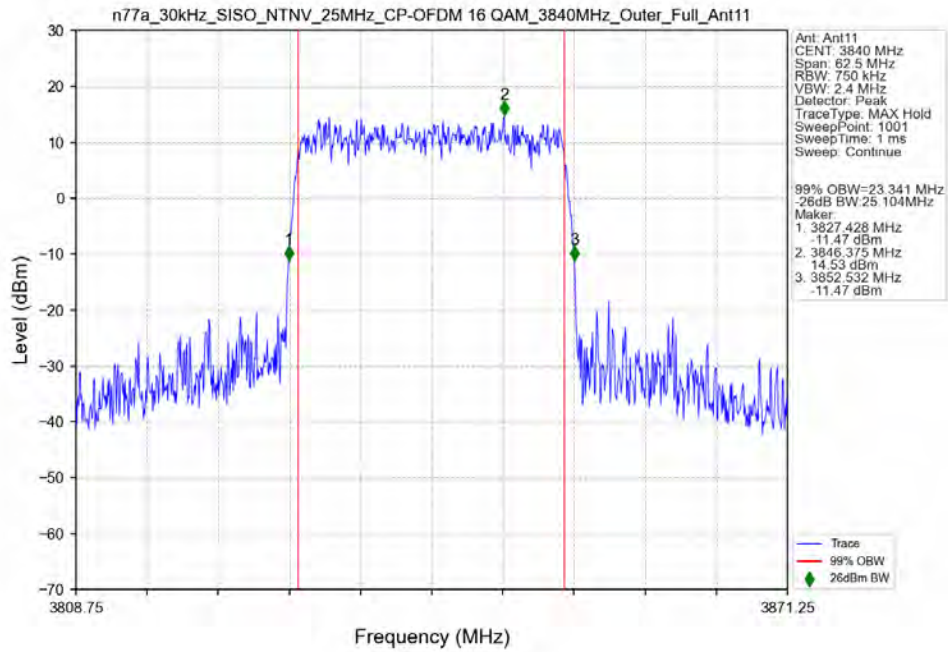
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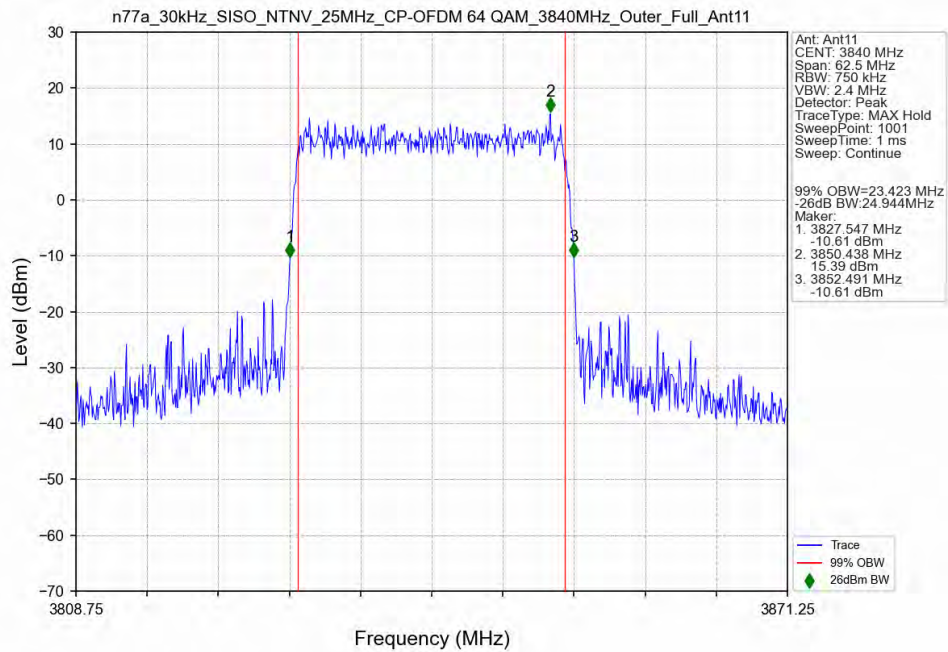
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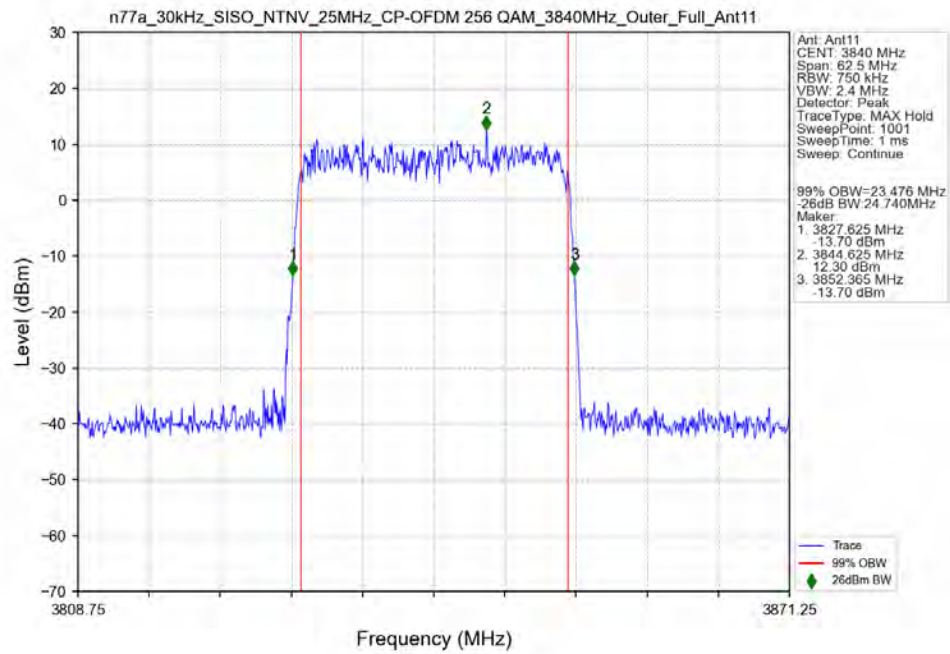
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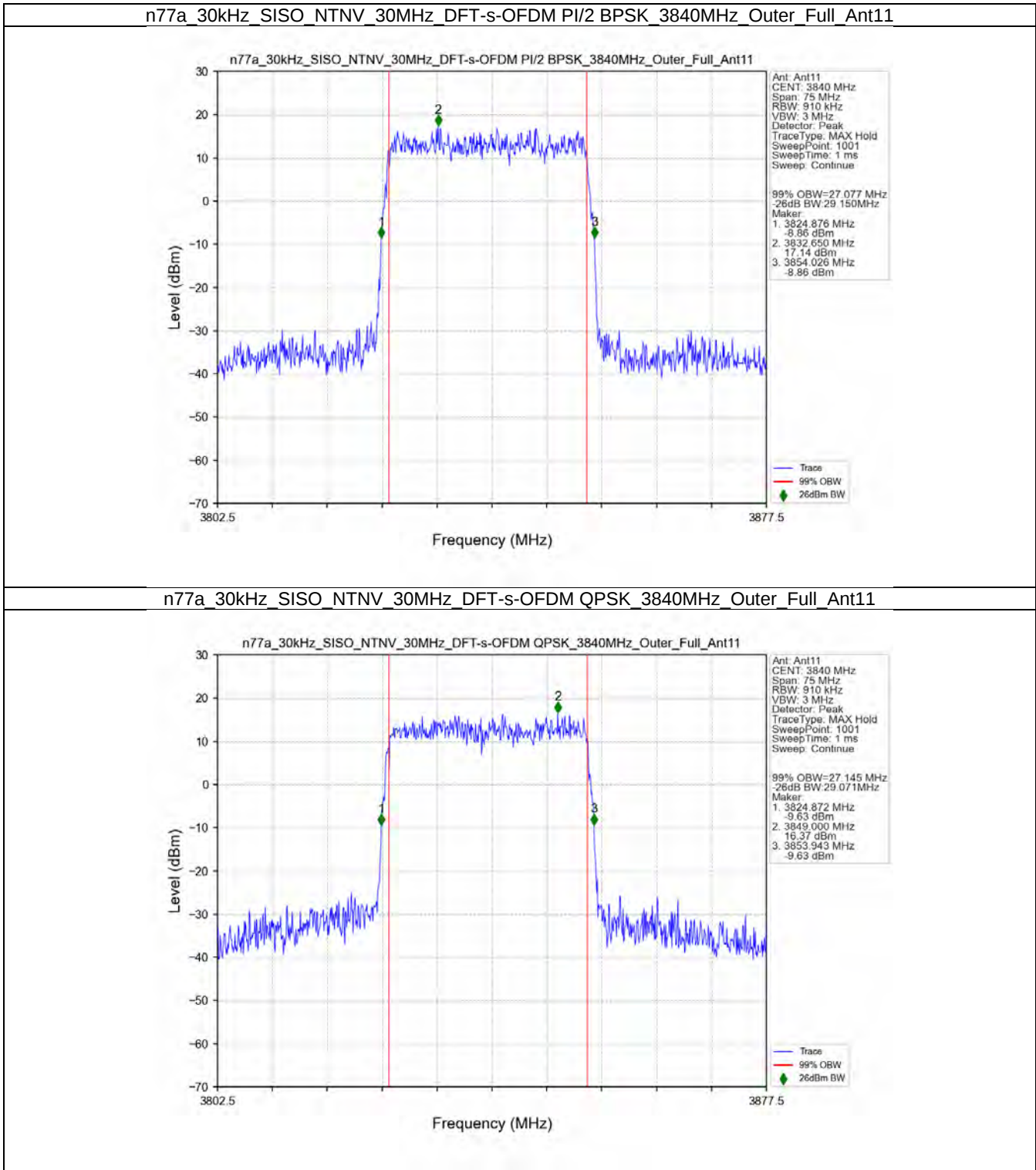
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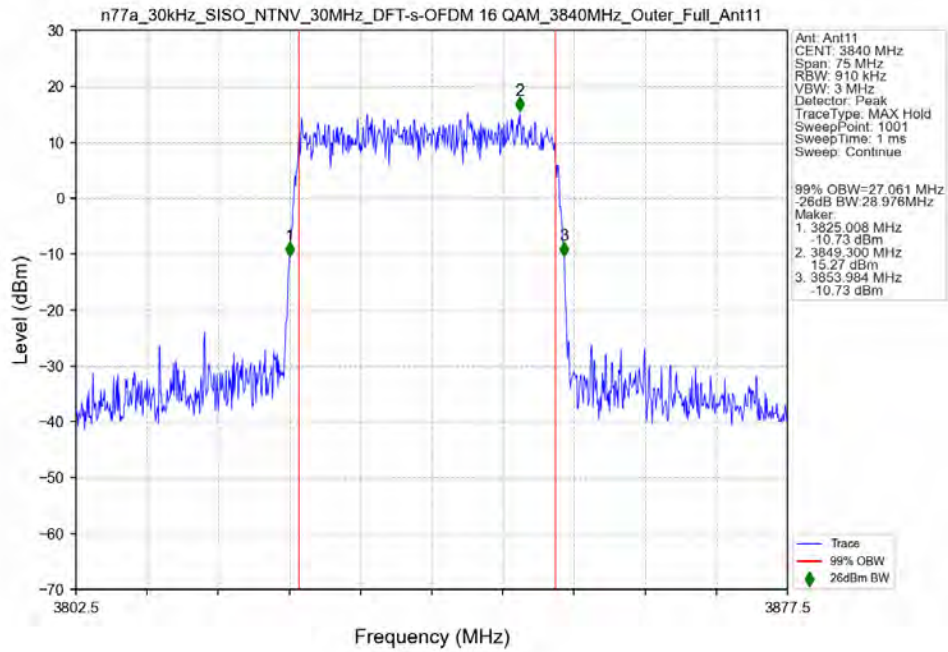
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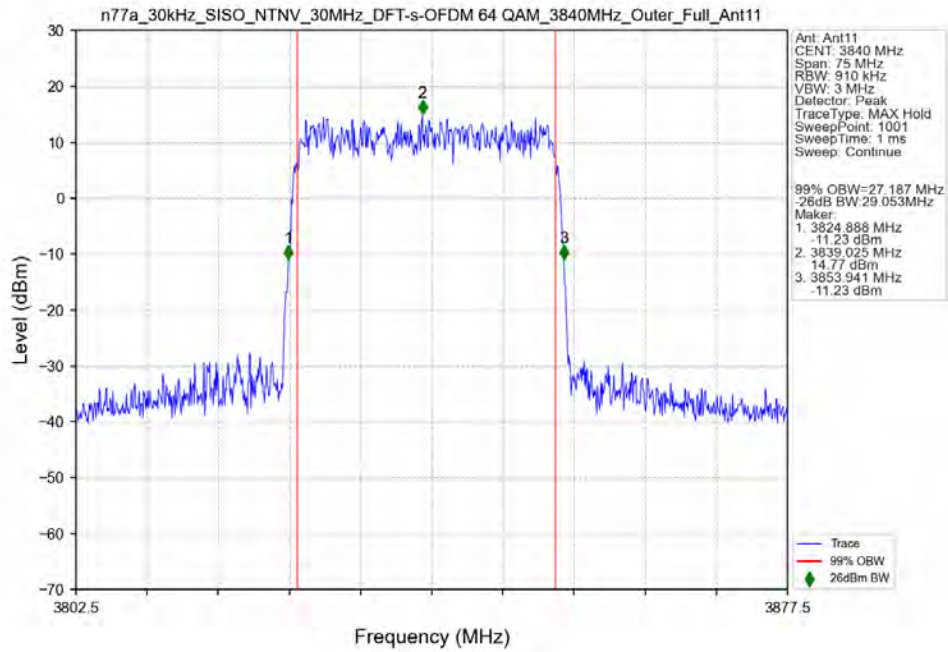
3.2.5 30k_SISO_30MHz_NTNV



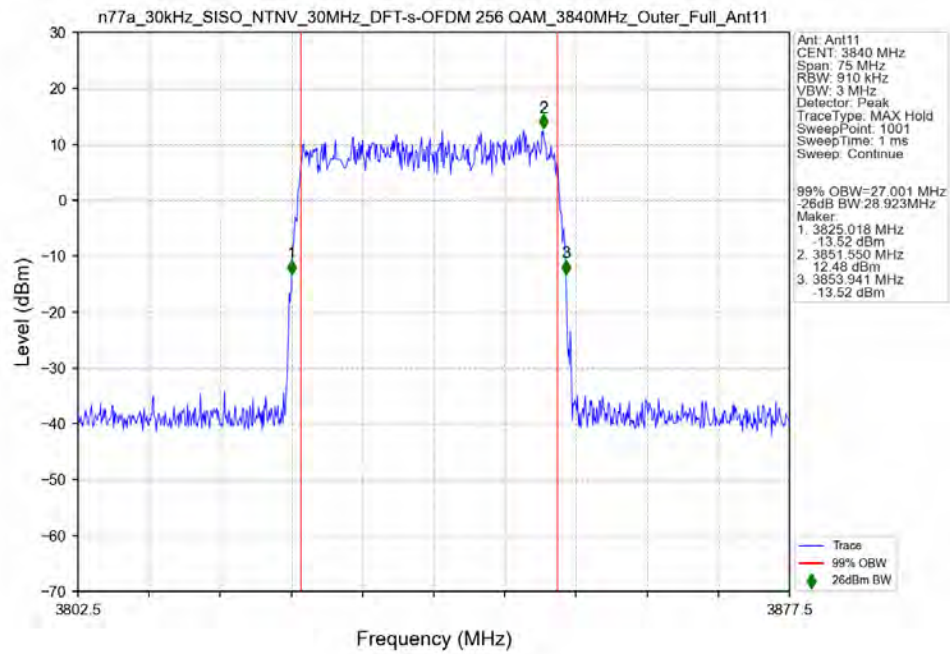
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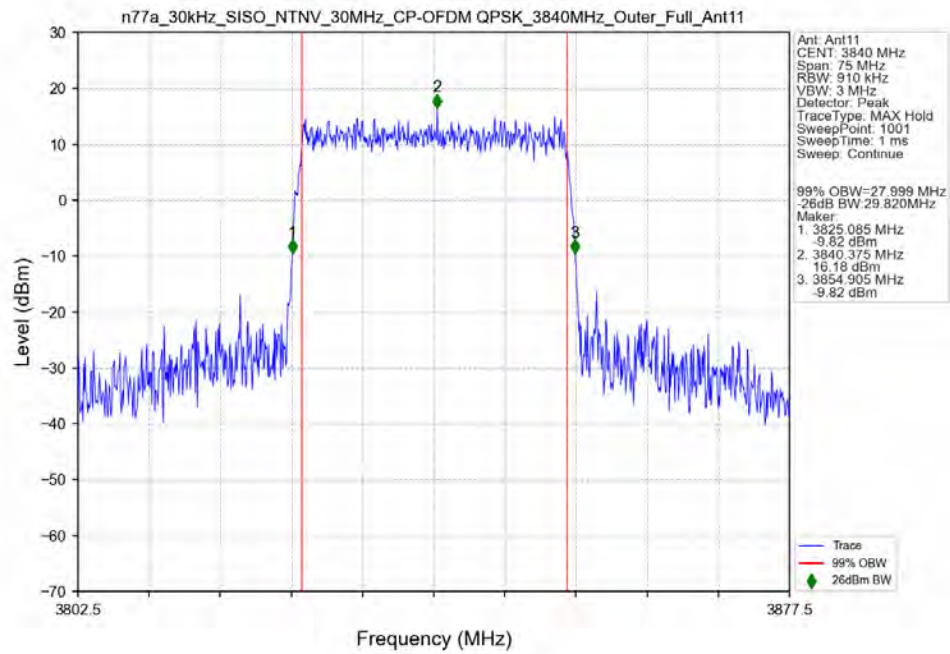
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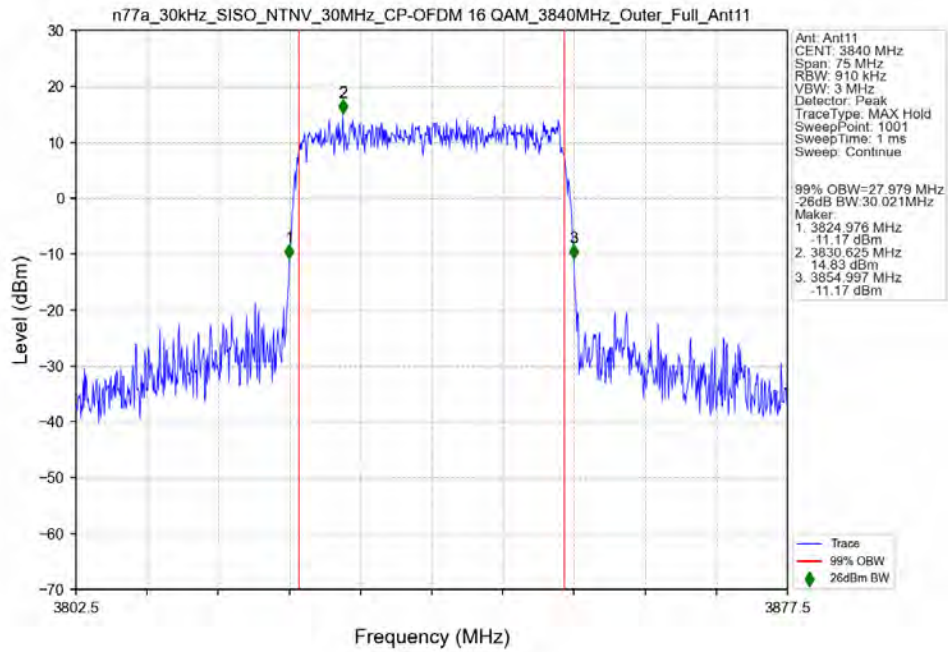
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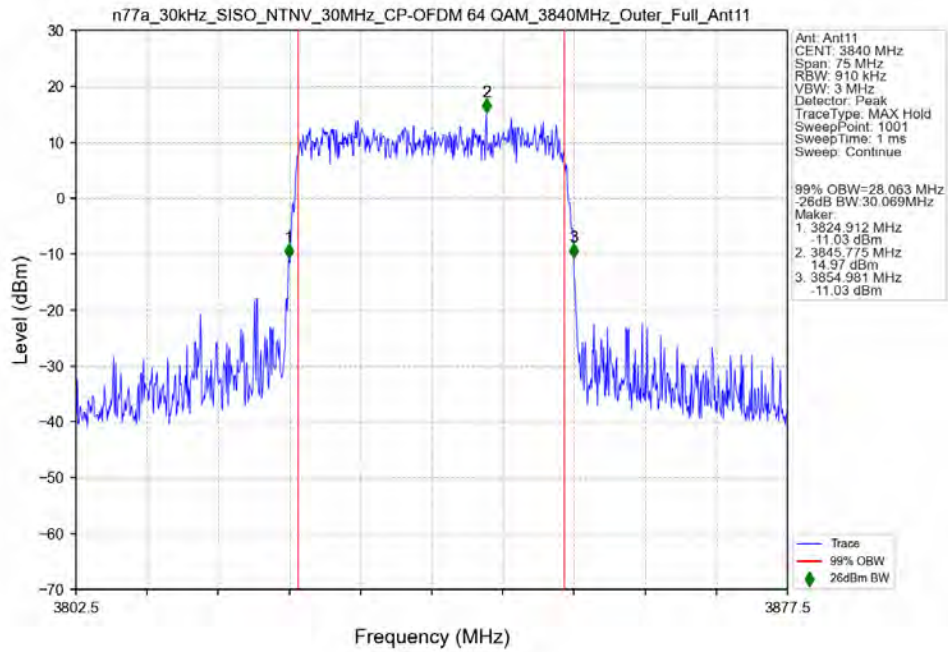
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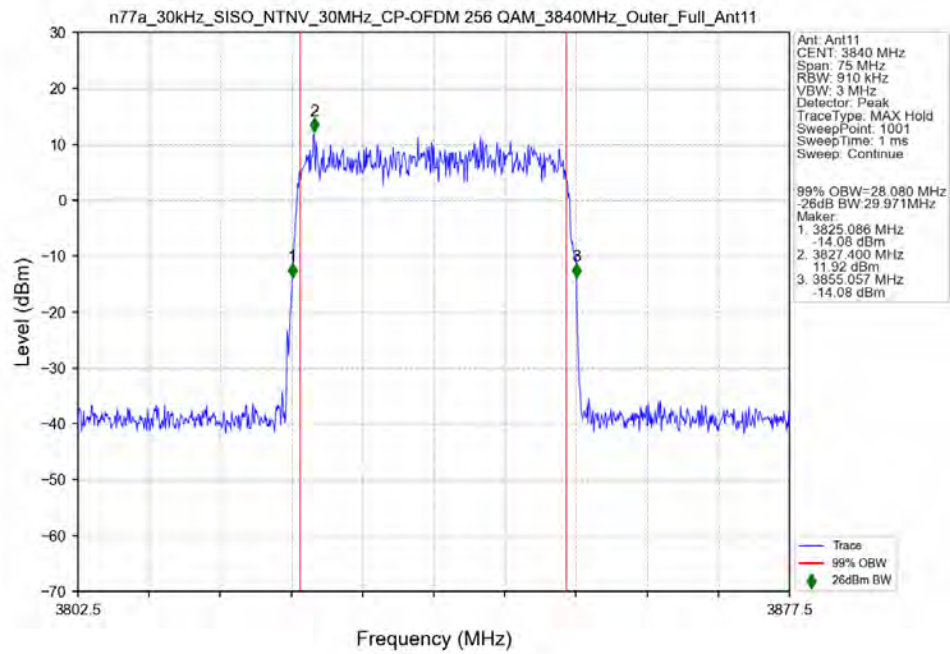
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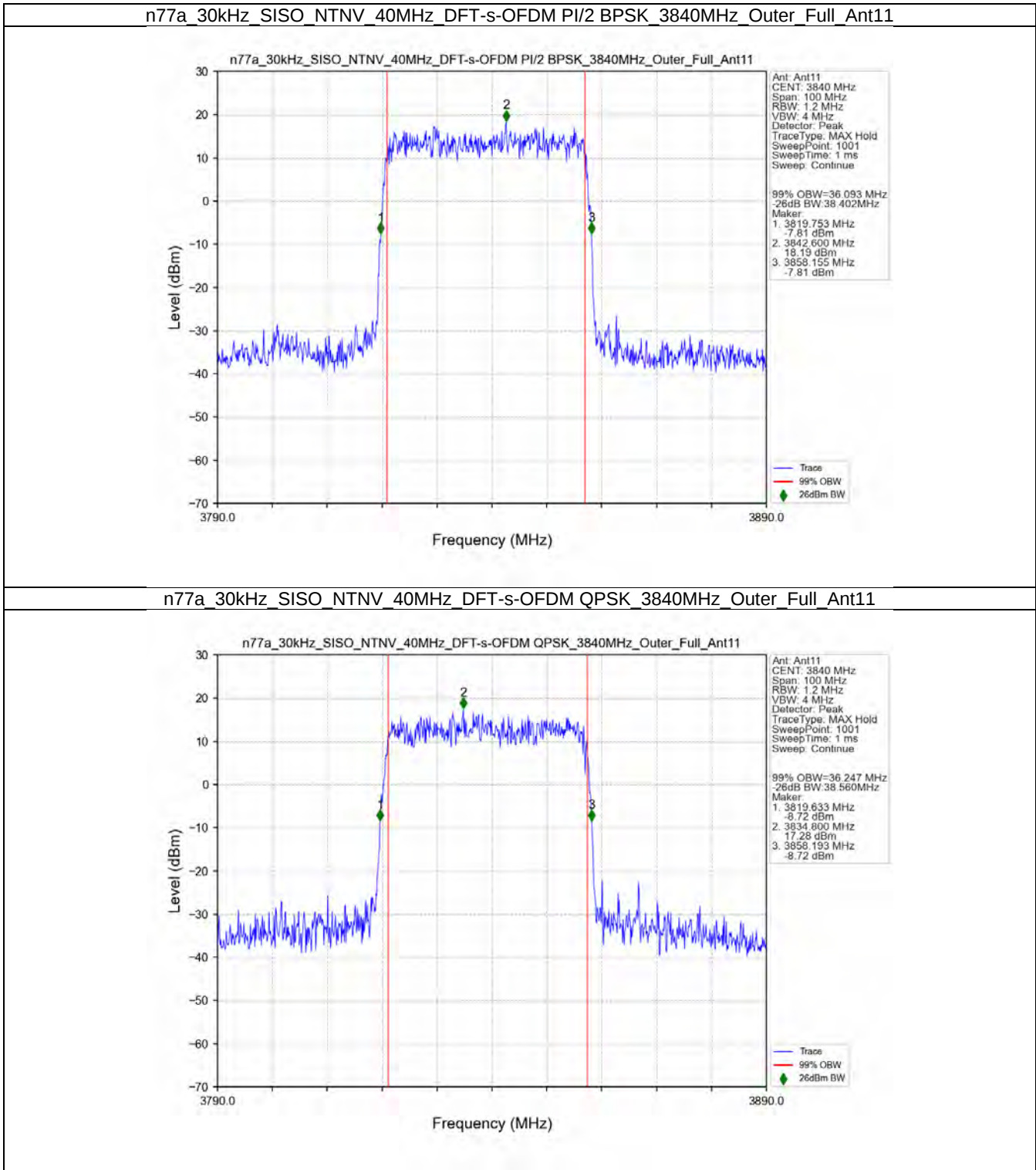
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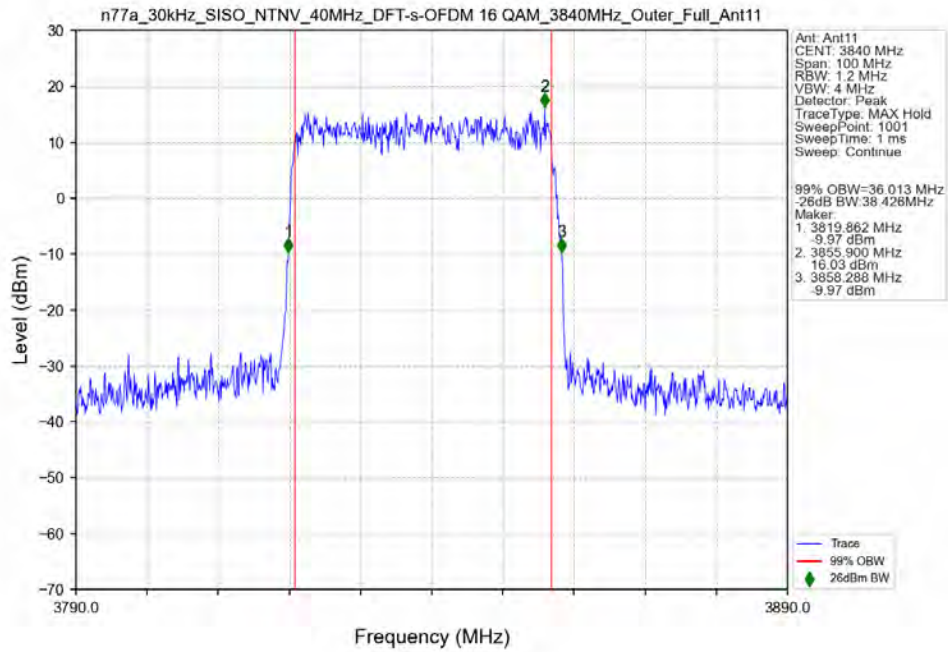
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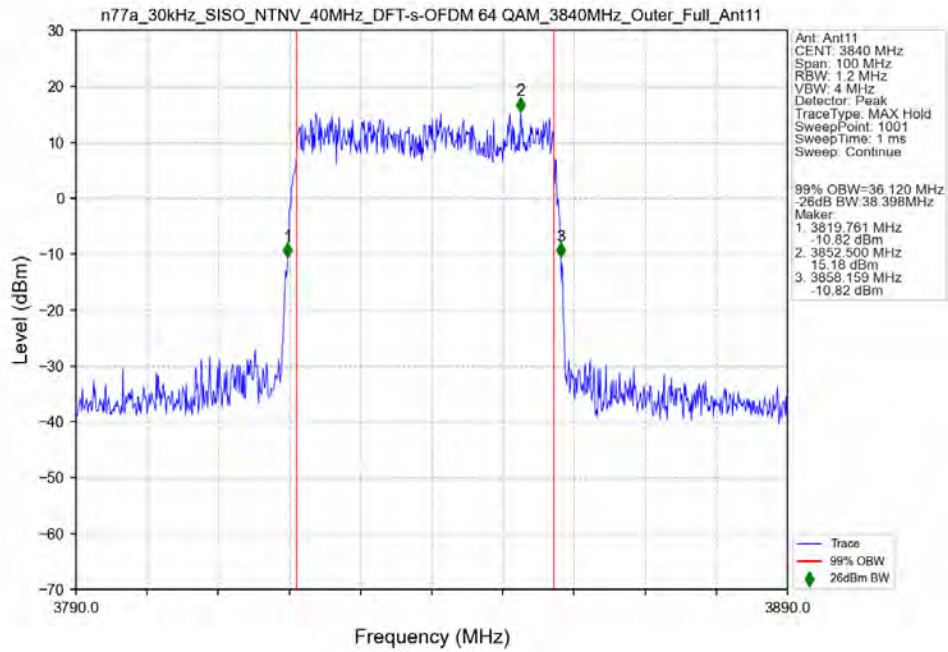
3.2.6 30k_SISO_40MHz_NTNV



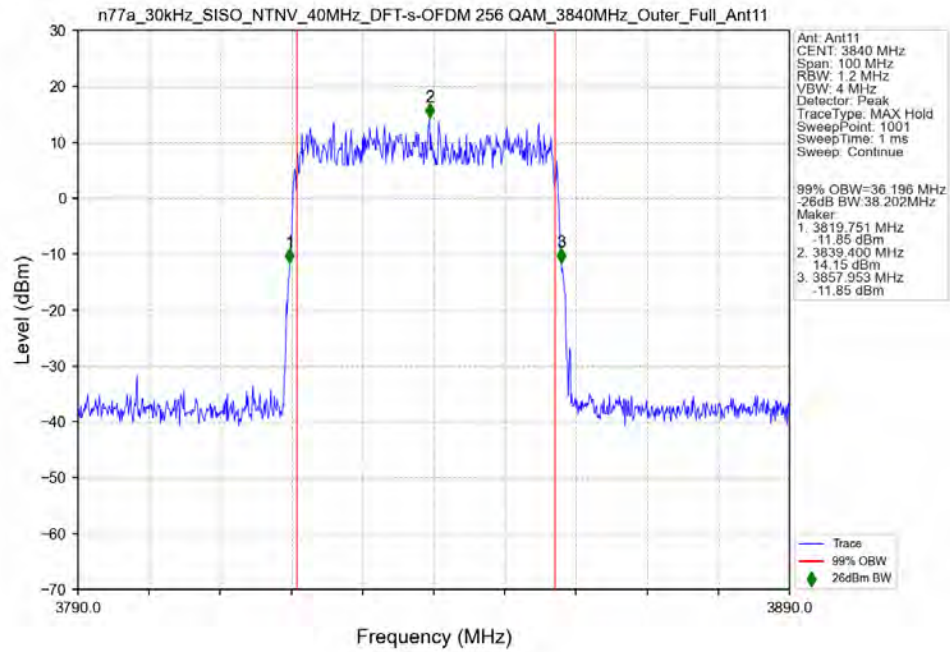
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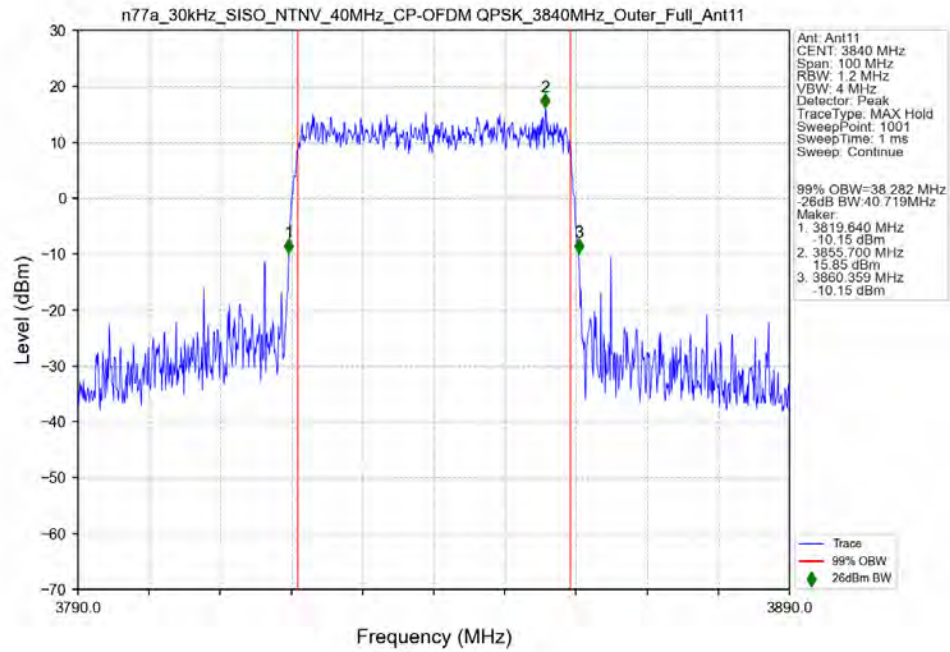
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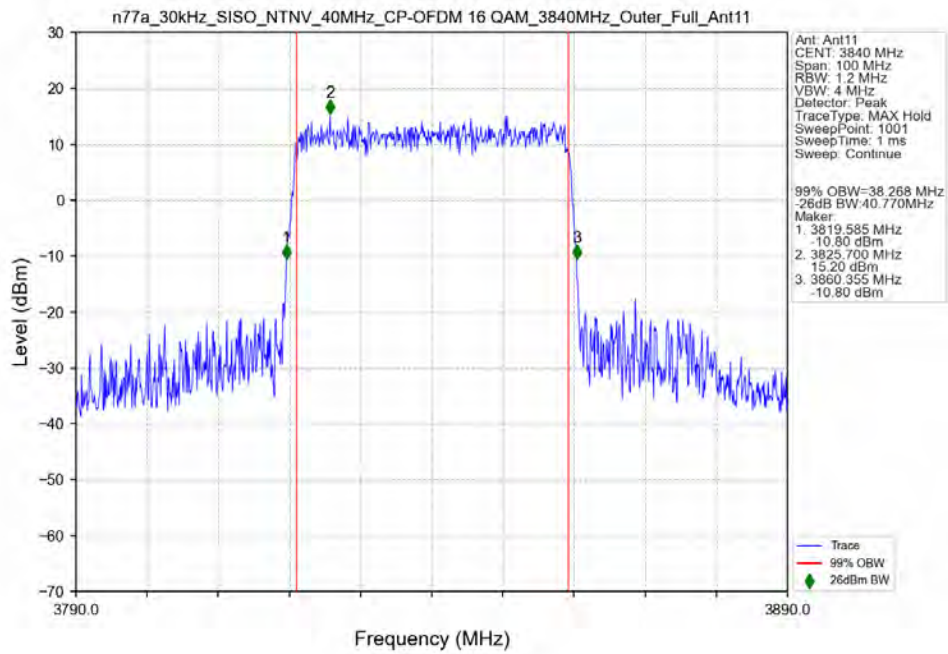
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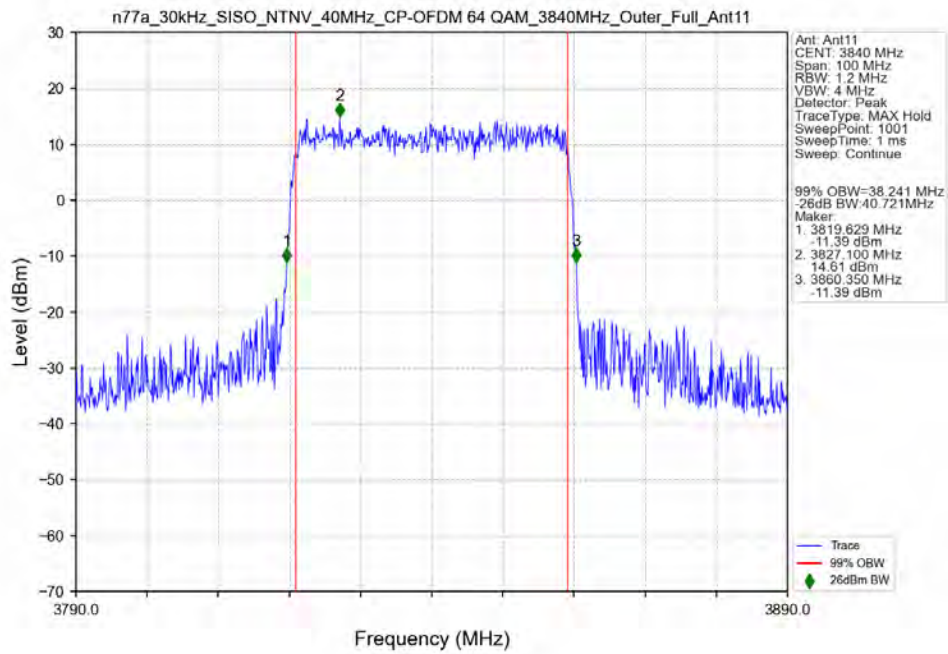
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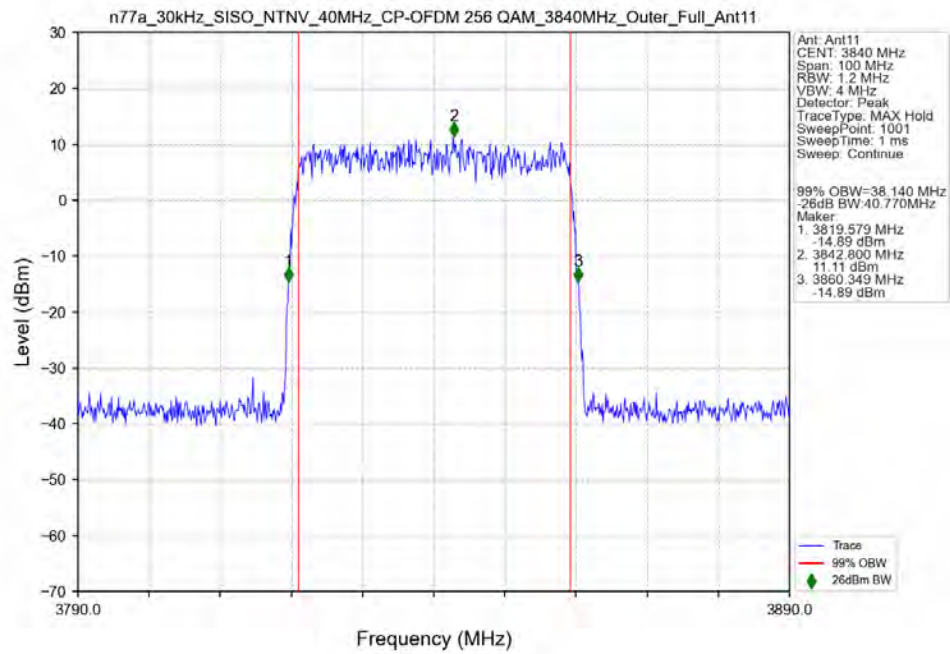
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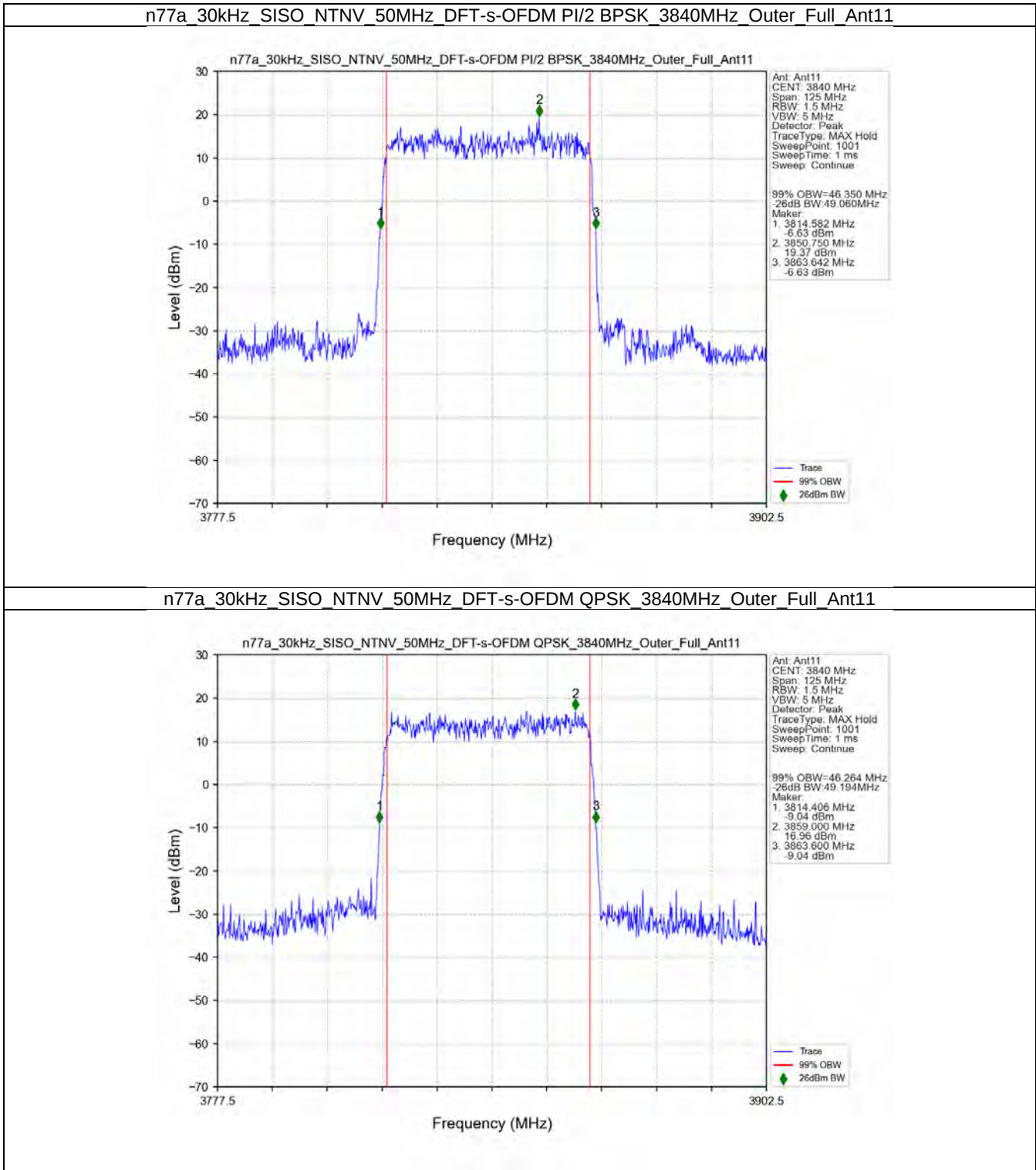
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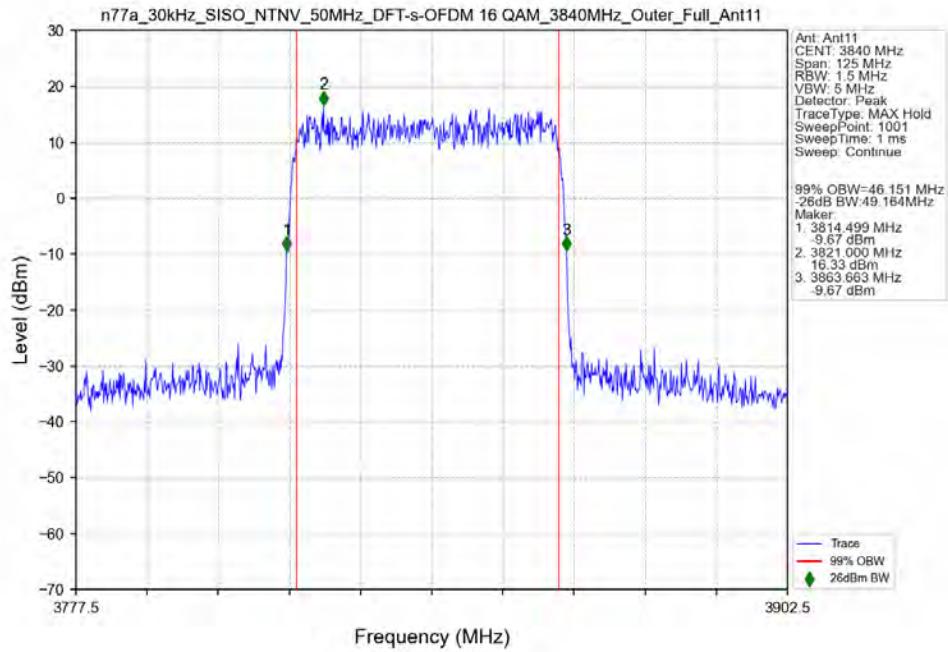
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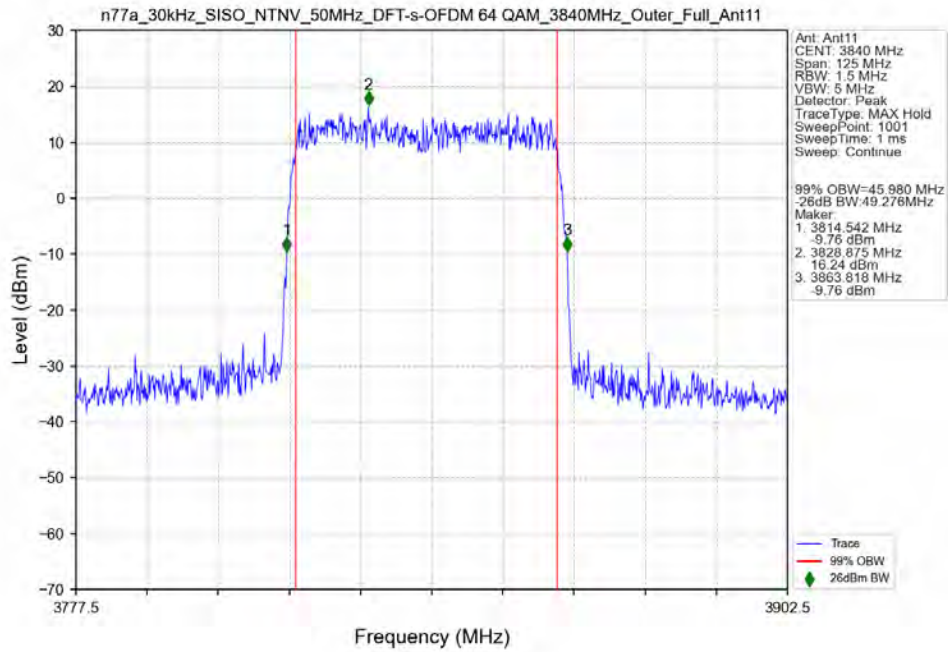
3.2.7 30k_SISO_50MHz_NTNV



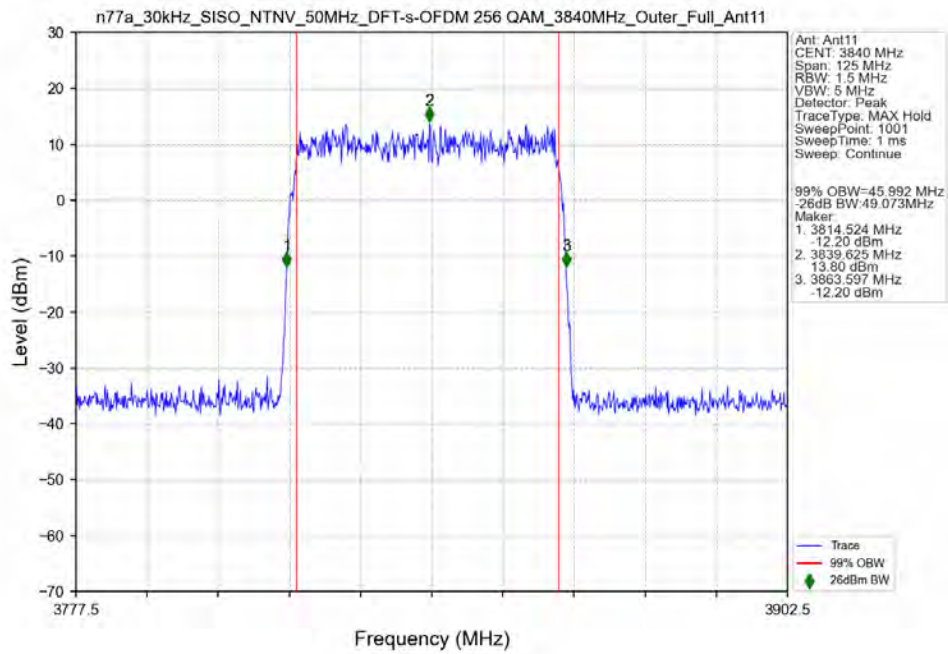
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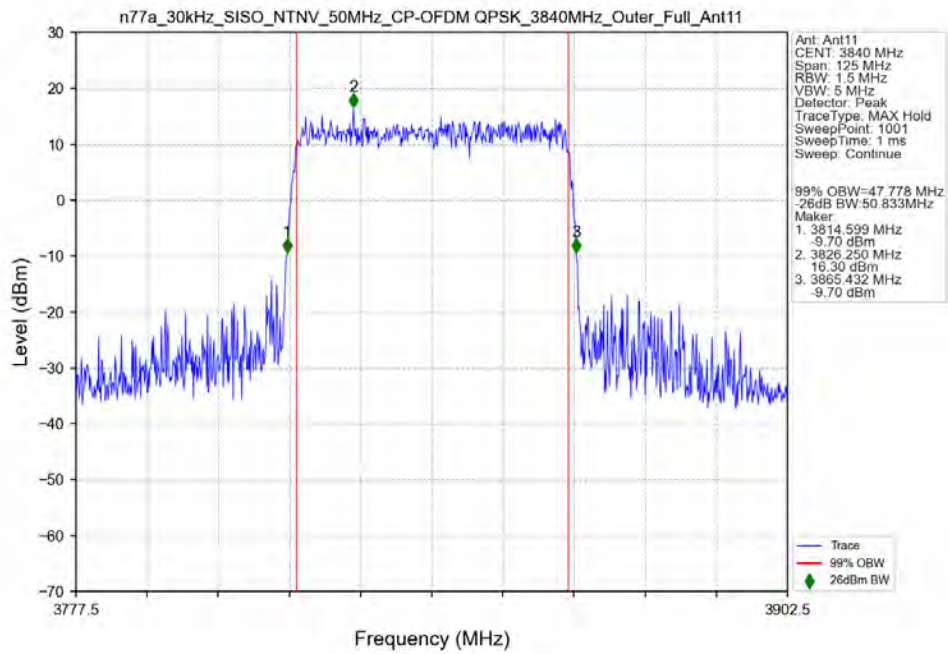
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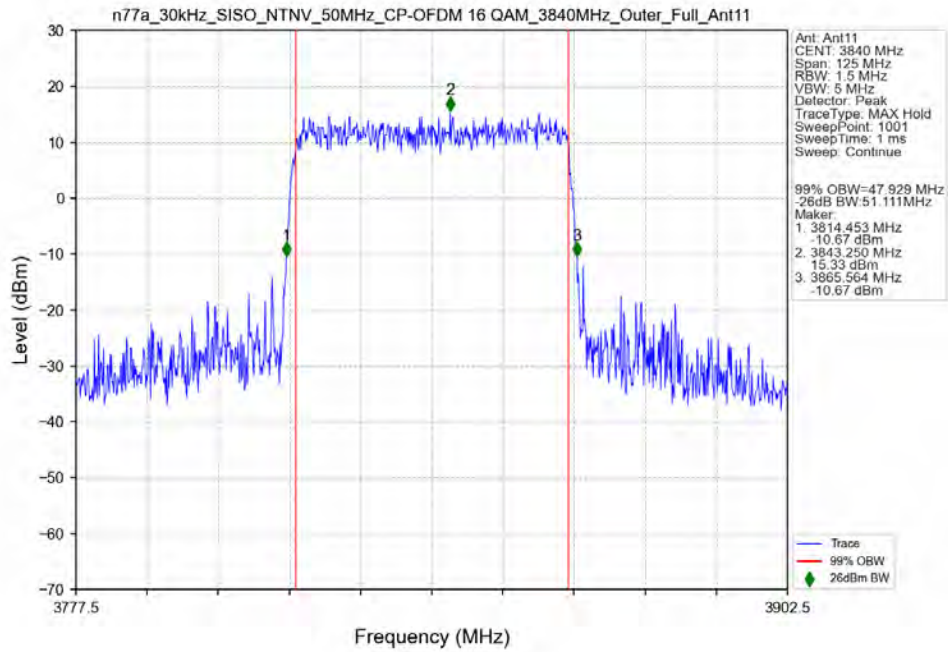
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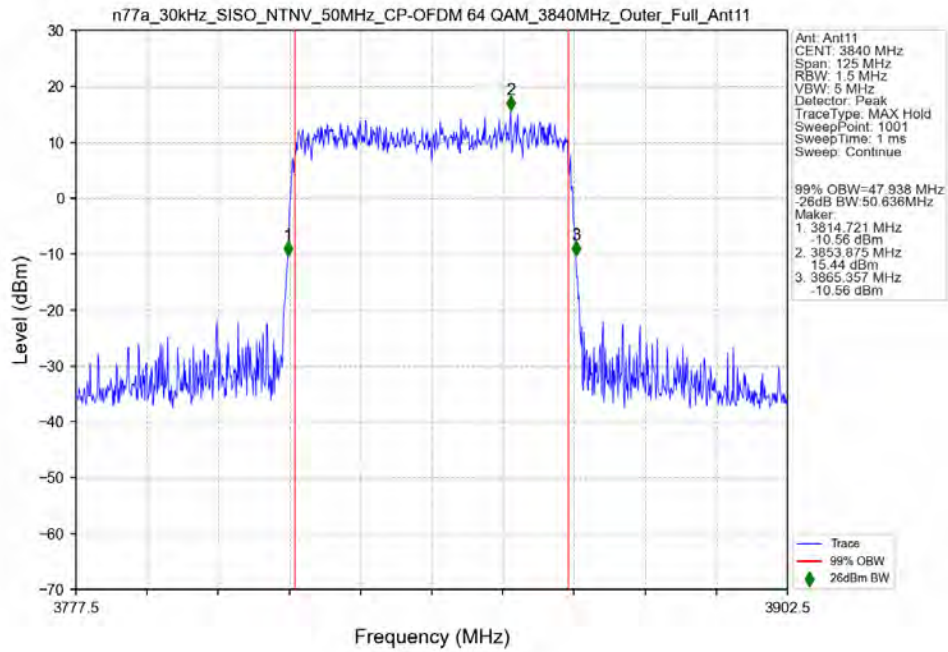
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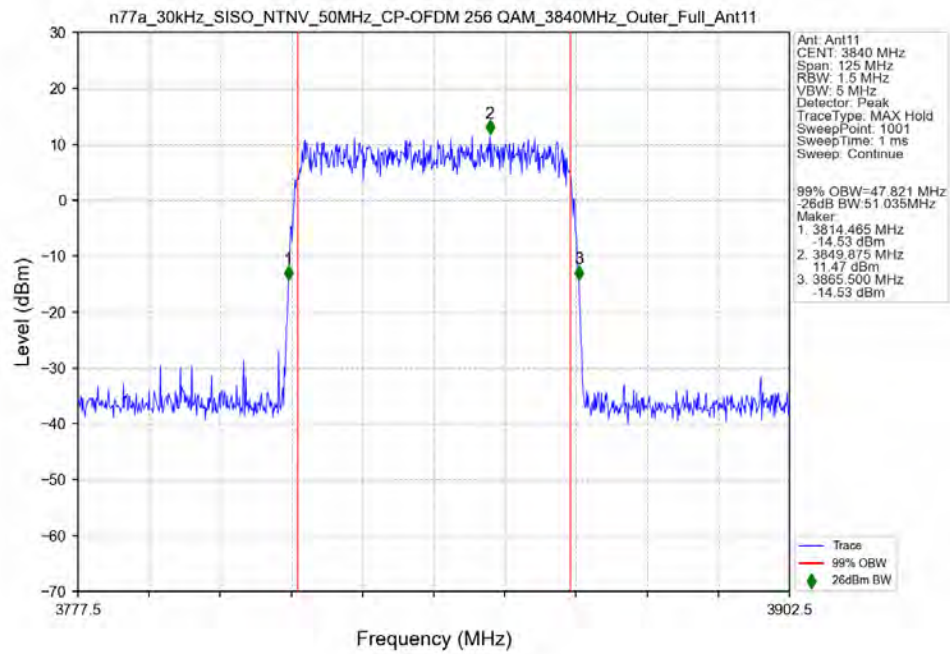
n77a_30kHz_SISO_NTNV_50MHz_CP-OFDM 16 QAM_3840MHz_Outer_Full_Ant11



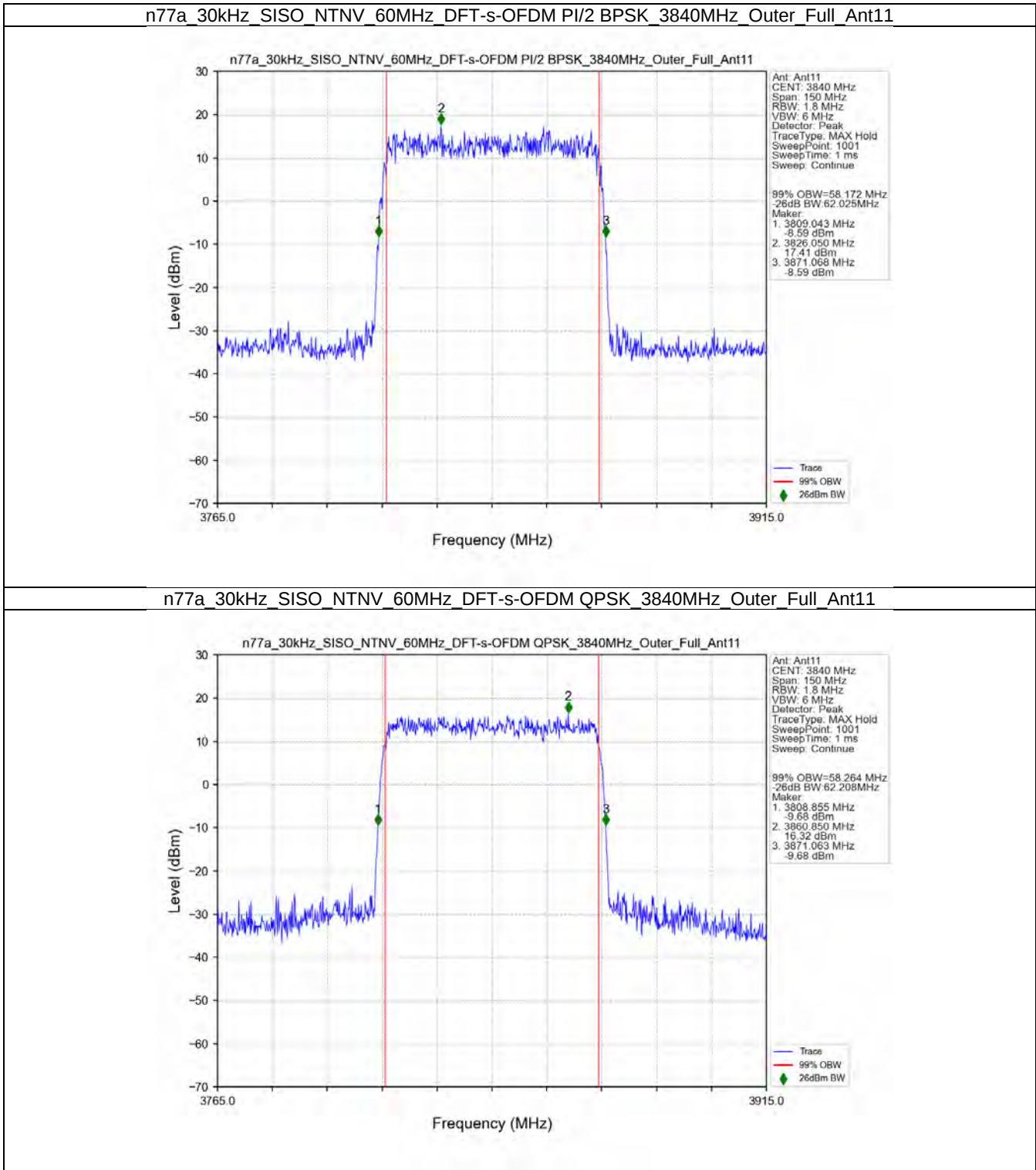
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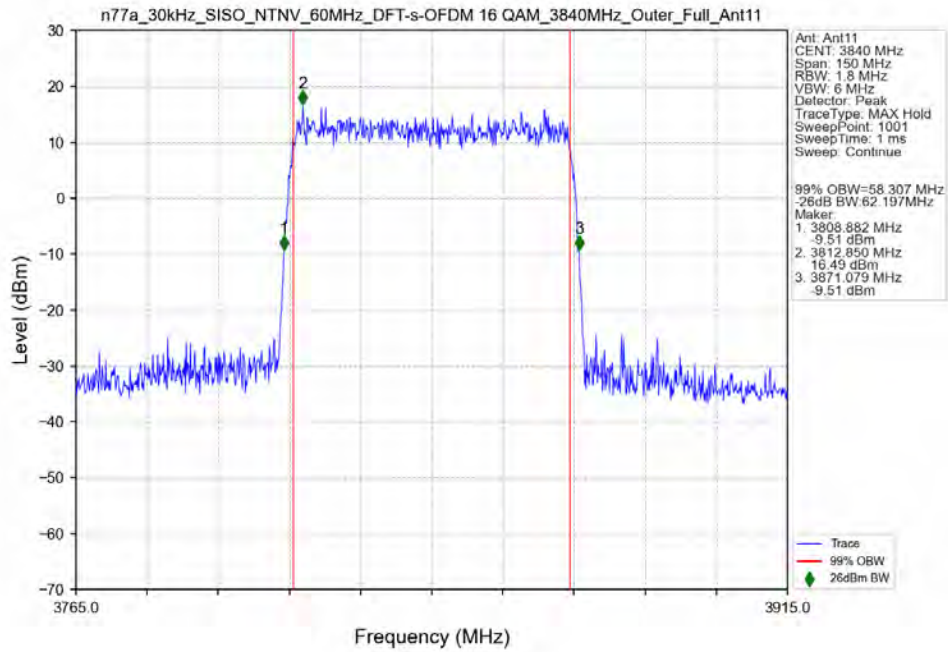
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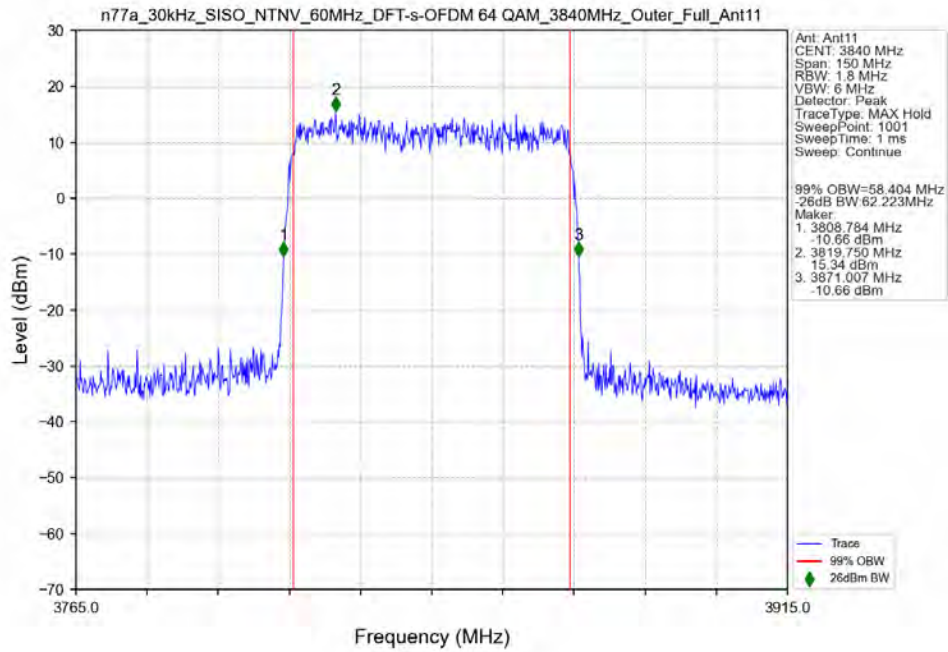
3.2.8 30k_SISO_60MHz_NTNV



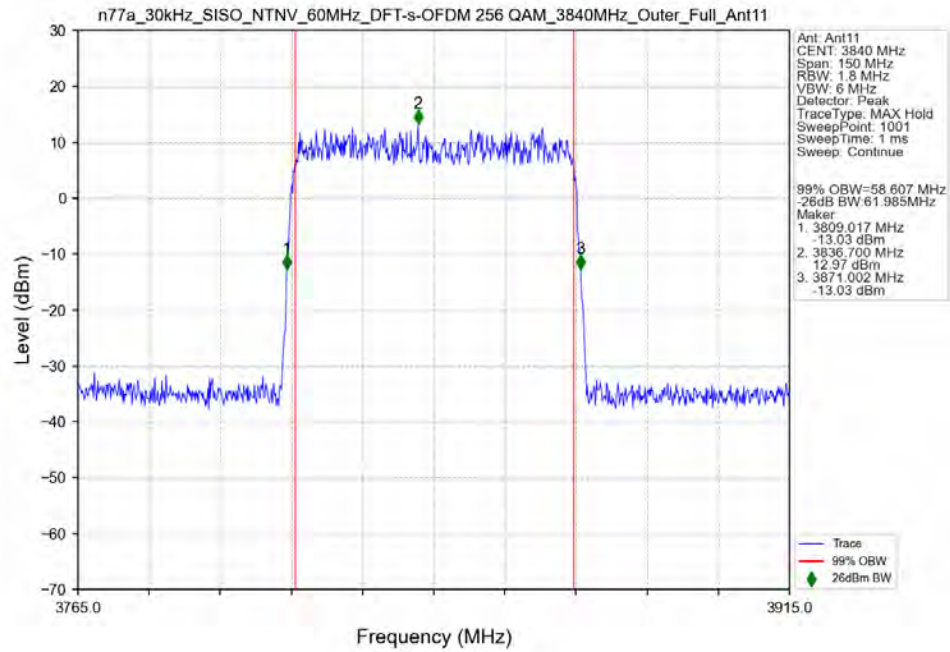
n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 16 QAM_3840MHz_Outer_Full_Ant11



n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 64 QAM_3840MHz_Outer_Full_Ant11



n77a_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 256 QAM 3840MHz_Outer_Full_Ant11



n77a_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK 3840MHz_Outer_Full_Ant11

