

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30k_SISO_10MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 10MHz NTV										
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	19.77	/	/	20.73	/	/	<=30	Pass
		Edge_1RB_Right	19.76	/	/	20.72	/	/	<=30	Pass
		Outer_Full	22.59	/	/	23.55	/	/	<=30	Pass
		Inner_Full	23.09	/	/	24.05	/	/	<=30	Pass
		Inner_1RB_Left	23.1	/	/	24.06	/	/	<=30	Pass
		Inner_1RB_Right	22.94	/	/	23.9	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.84	/	/	20.8	/	/	<=30	Pass
		Edge_1RB_Right	19.9	/	/	20.86	/	/	<=30	Pass
		Outer_Full	22.73	/	/	23.69	/	/	<=30	Pass
		Inner_Full	23.11	/	/	24.07	/	/	<=30	Pass
		Inner_1RB_Left	23.13	/	/	24.09	/	/	<=30	Pass
		Inner_1RB_Right	23.12	/	/	24.08	/	/	<=30	Pass
	3795	Edge_1RB_Left	20.02	/	/	20.98	/	/	<=30	Pass
		Edge_1RB_Right	20	/	/	20.96	/	/	<=30	Pass
		Outer_Full	22.93	/	/	23.89	/	/	<=30	Pass
		Inner_Full	23.38	/	/	24.34	/	/	<=30	Pass
		Inner_1RB_Left	23.44	/	/	24.4	/	/	<=30	Pass
		Inner_1RB_Right	23.28	/	/	24.24	/	/	<=30	Pass
DFT-s-OFDM QPSK	3705	Edge_1RB_Left	19.84	/	/	20.8	/	/	<=30	Pass
		Edge_1RB_Right	19.69	/	/	20.65	/	/	<=30	Pass
		Outer_Full	22.16	/	/	23.12	/	/	<=30	Pass
		Inner_Full	23.06	/	/	24.02	/	/	<=30	Pass
		Inner_1RB_Left	23.11	/	/	24.07	/	/	<=30	Pass
		Inner_1RB_Right	23.02	/	/	23.98	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.79	/	/	20.75	/	/	<=30	Pass
		Edge_1RB_Right	19.82	/	/	20.78	/	/	<=30	Pass
		Outer_Full	22.16	/	/	23.12	/	/	<=30	Pass
		Inner_Full	23.22	/	/	24.18	/	/	<=30	Pass
		Inner_1RB_Left	23.13	/	/	24.09	/	/	<=30	Pass
		Inner_1RB_Right	23.06	/	/	24.02	/	/	<=30	Pass
	3795	Edge_1RB_Left	19.99	/	/	20.95	/	/	<=30	Pass
		Edge_1RB_Right	19.96	/	/	20.92	/	/	<=30	Pass
		Outer_Full	22.39	/	/	23.35	/	/	<=30	Pass
		Inner_Full	23.31	/	/	24.27	/	/	<=30	Pass
		Inner_1RB_Left	23.36	/	/	24.32	/	/	<=30	Pass
		Inner_1RB_Right	23.29	/	/	24.25	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3705	Edge_1RB_Left	19.63	/	/	20.59	/	/	<=30	Pass
		Edge_1RB_Right	19.49	/	/	20.45	/	/	<=30	Pass
		Outer_Full	21.29	/	/	22.25	/	/	<=30	Pass
		Inner_Full	22.12	/	/	23.08	/	/	<=30	Pass
		Inner_1RB_Left	22.09	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Right	21.9	/	/	22.86	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.57	/	/	20.53	/	/	<=30	Pass
		Edge_1RB_Right	19.56	/	/	20.52	/	/	<=30	Pass
		Outer_Full	21.37	/	/	22.33	/	/	<=30	Pass
		Inner_Full	22.18	/	/	23.14	/	/	<=30	Pass
		Inner_1RB_Left	21.99	/	/	22.95	/	/	<=30	Pass
		Inner_1RB_Right	21.95	/	/	22.91	/	/	<=30	Pass
	3795	Edge_1RB_Left	19.88	/	/	20.84	/	/	<=30	Pass

		Edge 1RB Right	19.75	/	/	20.71	/	/	<=30	Pass
		Outer_Full	21.54	/	/	22.5	/	/	<=30	Pass
		Inner_Full	22.35	/	/	23.31	/	/	<=30	Pass
		Inner 1RB Left	22.28	/	/	23.24	/	/	<=30	Pass
		Inner 1RB Right	22.11	/	/	23.07	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3705	Edge 1RB Left	20.08	/	/	21.04	/	/	<=30	Pass
		Edge 1RB Right	20.09	/	/	21.05	/	/	<=30	Pass
		Outer_Full	20.75	/	/	21.71	/	/	<=30	Pass
		Inner_Full	20.73	/	/	21.69	/	/	<=30	Pass
		Inner 1RB Left	20.99	/	/	21.95	/	/	<=30	Pass
		Inner 1RB Right	21.03	/	/	21.99	/	/	<=30	Pass
		Edge 1RB Left	20.13	/	/	21.09	/	/	<=30	Pass
	3750	Edge 1RB Right	20.19	/	/	21.15	/	/	<=30	Pass
		Outer_Full	20.87	/	/	21.83	/	/	<=30	Pass
		Inner_Full	20.88	/	/	21.84	/	/	<=30	Pass
		Inner 1RB Left	20.86	/	/	21.82	/	/	<=30	Pass
		Inner 1RB Right	21.14	/	/	22.1	/	/	<=30	Pass
	3795	Edge 1RB Left	20.36	/	/	21.32	/	/	<=30	Pass
		Edge 1RB Right	20.37	/	/	21.33	/	/	<=30	Pass
		Outer_Full	21.05	/	/	22.01	/	/	<=30	Pass
		Inner_Full	21.02	/	/	21.98	/	/	<=30	Pass
		Inner 1RB Left	21.32	/	/	22.28	/	/	<=30	Pass
		Inner 1RB Right	21.18	/	/	22.14	/	/	<=30	Pass
		Edge 1RB Left	18.79	/	/	19.75	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3705	Edge 1RB Right	18.71	/	/	19.67	/	/	<=30	Pass
		Outer_Full	18.74	/	/	19.7	/	/	<=30	Pass
		Inner_Full	18.95	/	/	19.91	/	/	<=30	Pass
		Inner 1RB Left	18.77	/	/	19.73	/	/	<=30	Pass
		Inner 1RB Right	18.71	/	/	19.67	/	/	<=30	Pass
	3750	Edge 1RB Left	18.79	/	/	19.75	/	/	<=30	Pass
		Edge 1RB Right	18.79	/	/	19.75	/	/	<=30	Pass
		Outer_Full	18.81	/	/	19.77	/	/	<=30	Pass
		Inner_Full	18.93	/	/	19.89	/	/	<=30	Pass
		Inner 1RB Left	18.84	/	/	19.8	/	/	<=30	Pass
		Inner 1RB Right	18.83	/	/	19.79	/	/	<=30	Pass
	3795	Edge 1RB Left	19.03	/	/	19.99	/	/	<=30	Pass
		Edge 1RB Right	18.91	/	/	19.87	/	/	<=30	Pass
		Outer_Full	19.09	/	/	20.05	/	/	<=30	Pass
		Inner_Full	19.19	/	/	20.15	/	/	<=30	Pass
		Inner 1RB Left	18.96	/	/	19.92	/	/	<=30	Pass
		Inner 1RB Right	18.91	/	/	19.87	/	/	<=30	Pass
CP-OFDM QPSK	3705	Edge 1RB Left	19.89	/	/	20.85	/	/	<=30	Pass
		Edge 1RB Right	19.6	/	/	20.56	/	/	<=30	Pass
		Outer_Full	20.18	/	/	21.14	/	/	<=30	Pass
		Inner_Full	21.48	/	/	22.44	/	/	<=30	Pass
		Inner 1RB Left	21.57	/	/	22.53	/	/	<=30	Pass
		Inner 1RB Right	21.49	/	/	22.45	/	/	<=30	Pass
	3750	Edge 1RB Left	19.71	/	/	20.67	/	/	<=30	Pass
		Edge 1RB Right	19.51	/	/	20.47	/	/	<=30	Pass
		Outer_Full	20.27	/	/	21.23	/	/	<=30	Pass
		Inner_Full	21.44	/	/	22.4	/	/	<=30	Pass
		Inner 1RB Left	21.63	/	/	22.59	/	/	<=30	Pass
		Inner 1RB Right	21.6	/	/	22.56	/	/	<=30	Pass
	3795	Edge 1RB Left	19.99	/	/	20.95	/	/	<=30	Pass
		Edge 1RB Right	19.87	/	/	20.83	/	/	<=30	Pass
		Outer_Full	20.41	/	/	21.37	/	/	<=30	Pass
		Inner_Full	21.85	/	/	22.81	/	/	<=30	Pass
		Inner 1RB Left	21.89	/	/	22.85	/	/	<=30	Pass
		Inner 1RB Right	21.84	/	/	22.8	/	/	<=30	Pass

CP-OFDM 16 QAM	3705	Edge 1RB Left	19.53	/	/	20.49	/	/	<=30	Pass
		Edge 1RB Right	19.45	/	/	20.41	/	/	<=30	Pass
		Outer_Full	20.14	/	/	21.1	/	/	<=30	Pass
		Inner_Full	21.3	/	/	22.26	/	/	<=30	Pass
		Inner 1RB Left	20.97	/	/	21.93	/	/	<=30	Pass
		Inner 1RB Right	21	/	/	21.96	/	/	<=30	Pass
	3750	Edge 1RB Left	19.59	/	/	20.55	/	/	<=30	Pass
		Edge 1RB Right	19.64	/	/	20.6	/	/	<=30	Pass
		Outer_Full	20.21	/	/	21.17	/	/	<=30	Pass
		Inner_Full	21.52	/	/	22.48	/	/	<=30	Pass
		Inner 1RB Left	21.13	/	/	22.09	/	/	<=30	Pass
		Inner 1RB Right	21	/	/	21.96	/	/	<=30	Pass
	3795	Edge 1RB Left	19.81	/	/	20.77	/	/	<=30	Pass
		Edge 1RB Right	19.84	/	/	20.8	/	/	<=30	Pass
		Outer_Full	20.32	/	/	21.28	/	/	<=30	Pass
		Inner_Full	21.43	/	/	22.39	/	/	<=30	Pass
		Inner 1RB Left	21.22	/	/	22.18	/	/	<=30	Pass
		Inner 1RB Right	21.13	/	/	22.09	/	/	<=30	Pass
CP-OFDM 64 QAM	3705	Edge 1RB Left	19.94	/	/	20.9	/	/	<=30	Pass
		Edge 1RB Right	19.89	/	/	20.85	/	/	<=30	Pass
		Outer_Full	19.62	/	/	20.58	/	/	<=30	Pass
		Inner_Full	19.84	/	/	20.8	/	/	<=30	Pass
		Inner 1RB Left	20.1	/	/	21.06	/	/	<=30	Pass
		Inner 1RB Right	19.97	/	/	20.93	/	/	<=30	Pass
	3750	Edge 1RB Left	20.05	/	/	21.01	/	/	<=30	Pass
		Edge 1RB Right	20.1	/	/	21.06	/	/	<=30	Pass
		Outer_Full	19.67	/	/	20.63	/	/	<=30	Pass
		Inner_Full	19.79	/	/	20.75	/	/	<=30	Pass
		Inner 1RB Left	19.98	/	/	20.94	/	/	<=30	Pass
		Inner 1RB Right	20.06	/	/	21.02	/	/	<=30	Pass
	3795	Edge 1RB Left	20.13	/	/	21.09	/	/	<=30	Pass
		Edge 1RB Right	20.16	/	/	21.12	/	/	<=30	Pass
		Outer_Full	19.93	/	/	20.89	/	/	<=30	Pass
		Inner_Full	20.02	/	/	20.98	/	/	<=30	Pass
		Inner 1RB Left	20.13	/	/	21.09	/	/	<=30	Pass
		Inner 1RB Right	20.07	/	/	21.03	/	/	<=30	Pass
CP-OFDM 256 QAM	3705	Edge 1RB Left	16.91	/	/	17.87	/	/	<=30	Pass
		Edge 1RB Right	16.87	/	/	17.83	/	/	<=30	Pass
		Outer_Full	16.74	/	/	17.7	/	/	<=30	Pass
		Inner_Full	16.86	/	/	17.82	/	/	<=30	Pass
		Inner 1RB Left	16.93	/	/	17.89	/	/	<=30	Pass
		Inner 1RB Right	16.92	/	/	17.88	/	/	<=30	Pass
	3750	Edge 1RB Left	16.91	/	/	17.87	/	/	<=30	Pass
		Edge 1RB Right	16.97	/	/	17.93	/	/	<=30	Pass
		Outer_Full	16.92	/	/	17.88	/	/	<=30	Pass
		Inner_Full	16.92	/	/	17.88	/	/	<=30	Pass
		Inner 1RB Left	17	/	/	17.96	/	/	<=30	Pass
		Inner 1RB Right	17.03	/	/	17.99	/	/	<=30	Pass
	3795	Edge 1RB Left	17.16	/	/	18.12	/	/	<=30	Pass
		Edge 1RB Right	17.14	/	/	18.1	/	/	<=30	Pass
		Outer_Full	17.02	/	/	17.98	/	/	<=30	Pass
		Inner_Full	17.1	/	/	18.06	/	/	<=30	Pass
		Inner 1RB Left	17.15	/	/	18.11	/	/	<=30	Pass
		Inner 1RB Right	17.12	/	/	18.08	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 0.96dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30k_SISO_15MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3707.52	Edge 1RB Left	19.75	/	/	20.71	/	/	<=30	Pass
		Edge 1RB Right	19.75	/	/	20.71	/	/	<=30	Pass
		Outer Full	22.6	/	/	23.56	/	/	<=30	Pass
		Inner Full	22.99	/	/	23.95	/	/	<=30	Pass
		Inner 1RB Left	23.01	/	/	23.97	/	/	<=30	Pass
		Inner 1RB Right	22.99	/	/	23.95	/	/	<=30	Pass
	3750	Edge 1RB Left	19.79	/	/	20.75	/	/	<=30	Pass
		Edge 1RB Right	19.79	/	/	20.75	/	/	<=30	Pass
		Outer Full	22.69	/	/	23.65	/	/	<=30	Pass
		Inner Full	23.07	/	/	24.03	/	/	<=30	Pass
		Inner 1RB Left	23.02	/	/	23.98	/	/	<=30	Pass
		Inner 1RB Right	23.03	/	/	23.99	/	/	<=30	Pass
	3792.48	Edge 1RB Left	20.13	/	/	21.09	/	/	<=30	Pass
		Edge 1RB Right	20.02	/	/	20.98	/	/	<=30	Pass
		Outer Full	23.02	/	/	23.98	/	/	<=30	Pass
		Inner Full	23.48	/	/	24.44	/	/	<=30	Pass
		Inner 1RB Left	23.37	/	/	24.33	/	/	<=30	Pass
		Inner 1RB Right	23.34	/	/	24.3	/	/	<=30	Pass
DFT-s-OFDM QPSK	3707.52	Edge 1RB Left	19.77	/	/	20.73	/	/	<=30	Pass
		Edge 1RB Right	19.68	/	/	20.64	/	/	<=30	Pass
		Outer Full	22.08	/	/	23.04	/	/	<=30	Pass
		Inner Full	23.01	/	/	23.97	/	/	<=30	Pass
		Inner 1RB Left	22.95	/	/	23.91	/	/	<=30	Pass
		Inner 1RB Right	23.02	/	/	23.98	/	/	<=30	Pass
	3750	Edge 1RB Left	19.77	/	/	20.73	/	/	<=30	Pass
		Edge 1RB Right	19.78	/	/	20.74	/	/	<=30	Pass
		Outer Full	22.12	/	/	23.08	/	/	<=30	Pass
		Inner Full	23.09	/	/	24.05	/	/	<=30	Pass
		Inner 1RB Left	22.98	/	/	23.94	/	/	<=30	Pass
		Inner 1RB Right	23.05	/	/	24.01	/	/	<=30	Pass
	3792.48	Edge 1RB Left	20.05	/	/	21.01	/	/	<=30	Pass
		Edge 1RB Right	20.01	/	/	20.97	/	/	<=30	Pass
		Outer Full	22.53	/	/	23.49	/	/	<=30	Pass
		Inner Full	23.47	/	/	24.43	/	/	<=30	Pass
		Inner 1RB Left	23.41	/	/	24.37	/	/	<=30	Pass
		Inner 1RB Right	23.36	/	/	24.32	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3707.52	Edge 1RB Left	19.51	/	/	20.47	/	/	<=30	Pass
		Edge 1RB Right	19.55	/	/	20.51	/	/	<=30	Pass
		Outer Full	21.16	/	/	22.12	/	/	<=30	Pass
		Inner Full	22	/	/	22.96	/	/	<=30	Pass
		Inner 1RB Left	22	/	/	22.96	/	/	<=30	Pass
		Inner 1RB Right	22.13	/	/	23.09	/	/	<=30	Pass
	3750	Edge 1RB Left	19.55	/	/	20.51	/	/	<=30	Pass
		Edge 1RB Right	19.6	/	/	20.56	/	/	<=30	Pass
		Outer Full	21.23	/	/	22.19	/	/	<=30	Pass
		Inner Full	22.02	/	/	22.98	/	/	<=30	Pass
		Inner 1RB Left	21.96	/	/	22.92	/	/	<=30	Pass
		Inner 1RB Right	21.93	/	/	22.89	/	/	<=30	Pass
	3792.48	Edge 1RB Left	19.86	/	/	20.82	/	/	<=30	Pass
		Edge 1RB Right	19.8	/	/	20.76	/	/	<=30	Pass
		Outer Full	21.59	/	/	22.55	/	/	<=30	Pass
		Inner Full	22.53	/	/	23.49	/	/	<=30	Pass
		Inner 1RB Left	22.29	/	/	23.25	/	/	<=30	Pass
		Inner 1RB Right	22.13	/	/	23.09	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3707.52	Edge 1RB Left	20.09	/	/	21.05	/	/	<=30	Pass
		Edge 1RB Right	20.09	/	/	21.05	/	/	<=30	Pass

		Outer_Full	20.69	/	/	21.65	/	/	<=30	Pass		
		Inner_Full	20.78	/	/	21.74	/	/	<=30	Pass		
		Inner_1RB_Left	21	/	/	21.96	/	/	<=30	Pass		
		Inner_1RB_Right	21.03	/	/	21.99	/	/	<=30	Pass		
	3750	Edge_1RB_Left	20.14	/	/	21.1	/	/	<=30	Pass		
		Edge_1RB_Right	20.12	/	/	21.08	/	/	<=30	Pass		
		Outer_Full	20.68	/	/	21.64	/	/	<=30	Pass		
		Inner_Full	20.78	/	/	21.74	/	/	<=30	Pass		
		Inner_1RB_Left	21.09	/	/	22.05	/	/	<=30	Pass		
		Inner_1RB_Right	21.04	/	/	22	/	/	<=30	Pass		
		3792.48	Edge_1RB_Left	20.38	/	/	21.34	/	/	<=30	Pass	
			Edge_1RB_Right	20.4	/	/	21.36	/	/	<=30	Pass	
	Outer_Full		21.07	/	/	22.03	/	/	<=30	Pass		
	Inner_Full		21.15	/	/	22.11	/	/	<=30	Pass		
		Inner_1RB_Left	21.35	/	/	22.31	/	/	<=30	Pass		
		Inner_1RB_Right	21.38	/	/	22.34	/	/	<=30	Pass		
		DFT-s-OFDM 256 QAM	3707.52	Edge_1RB_Left	18.83	/	/	19.79	/	/	<=30	Pass
				Edge_1RB_Right	18.78	/	/	19.74	/	/	<=30	Pass
Outer_Full	18.67			/	/	19.63	/	/	<=30	Pass		
Inner_Full	18.73			/	/	19.69	/	/	<=30	Pass		
Inner_1RB_Left	18.74			/	/	19.7	/	/	<=30	Pass		
Inner_1RB_Right	18.79			/	/	19.75	/	/	<=30	Pass		
3750	Edge_1RB_Left		18.8	/	/	19.76	/	/	<=30	Pass		
	Edge_1RB_Right		18.82	/	/	19.78	/	/	<=30	Pass		
	Outer_Full		18.77	/	/	19.73	/	/	<=30	Pass		
	Inner_Full		18.79	/	/	19.75	/	/	<=30	Pass		
	Inner_1RB_Left		18.8	/	/	19.76	/	/	<=30	Pass		
	Inner_1RB_Right		18.78	/	/	19.74	/	/	<=30	Pass		
3792.48	Edge_1RB_Left		19.15	/	/	20.11	/	/	<=30	Pass		
	Edge_1RB_Right		19.06	/	/	20.02	/	/	<=30	Pass		
	Outer_Full		19.09	/	/	20.05	/	/	<=30	Pass		
	Inner_Full		19.18	/	/	20.14	/	/	<=30	Pass		
	Inner_1RB_Left		19.18	/	/	20.14	/	/	<=30	Pass		
	Inner_1RB_Right		19.08	/	/	20.04	/	/	<=30	Pass		
CP-OFDM QPSK	3707.52	Edge_1RB_Left	19.81	/	/	20.77	/	/	<=30	Pass		
		Edge_1RB_Right	19.81	/	/	20.77	/	/	<=30	Pass		
		Outer_Full	20.14	/	/	21.1	/	/	<=30	Pass		
		Inner_Full	21.52	/	/	22.48	/	/	<=30	Pass		
		Inner_1RB_Left	21.76	/	/	22.72	/	/	<=30	Pass		
		Inner_1RB_Right	21.67	/	/	22.63	/	/	<=30	Pass		
	3750	Edge_1RB_Left	19.81	/	/	20.77	/	/	<=30	Pass		
		Edge_1RB_Right	19.69	/	/	20.65	/	/	<=30	Pass		
		Outer_Full	20.17	/	/	21.13	/	/	<=30	Pass		
		Inner_Full	21.56	/	/	22.52	/	/	<=30	Pass		
		Inner_1RB_Left	21.6	/	/	22.56	/	/	<=30	Pass		
		Inner_1RB_Right	21.67	/	/	22.63	/	/	<=30	Pass		
	3792.48	Edge_1RB_Left	20.06	/	/	21.02	/	/	<=30	Pass		
		Edge_1RB_Right	20.19	/	/	21.15	/	/	<=30	Pass		
		Outer_Full	20.52	/	/	21.48	/	/	<=30	Pass		
		Inner_Full	21.98	/	/	22.94	/	/	<=30	Pass		
		Inner_1RB_Left	22.03	/	/	22.99	/	/	<=30	Pass		
		Inner_1RB_Right	21.88	/	/	22.84	/	/	<=30	Pass		
CP-OFDM 16 QAM	3707.52	Edge_1RB_Left	19.53	/	/	20.49	/	/	<=30	Pass		
		Edge_1RB_Right	19.73	/	/	20.69	/	/	<=30	Pass		
		Outer_Full	20.15	/	/	21.11	/	/	<=30	Pass		
		Inner_Full	21.17	/	/	22.13	/	/	<=30	Pass		
		Inner_1RB_Left	21.06	/	/	22.02	/	/	<=30	Pass		
		Inner_1RB_Right	21.06	/	/	22.02	/	/	<=30	Pass		
	3750	Edge_1RB_Left	19.79	/	/	20.75	/	/	<=30	Pass		

		Edge 1RB Right	19.64	/	/	20.6	/	/	<=30	Pass
		Outer Full	20.23	/	/	21.19	/	/	<=30	Pass
		Inner Full	21.17	/	/	22.13	/	/	<=30	Pass
		Inner 1RB Left	21.17	/	/	22.13	/	/	<=30	Pass
		Inner 1RB Right	20.98	/	/	21.94	/	/	<=30	Pass
	3792.48	Edge 1RB Left	19.92	/	/	20.88	/	/	<=30	Pass
		Edge 1RB Right	19.94	/	/	20.9	/	/	<=30	Pass
		Outer Full	20.62	/	/	21.58	/	/	<=30	Pass
		Inner Full	21.53	/	/	22.49	/	/	<=30	Pass
		Inner 1RB Left	21.38	/	/	22.34	/	/	<=30	Pass
	Inner 1RB Right	21.35	/	/	22.31	/	/	<=30	Pass	
CP-OFDM 64 QAM	3707.52	Edge 1RB Left	19.99	/	/	20.95	/	/	<=30	Pass
		Edge 1RB Right	19.93	/	/	20.89	/	/	<=30	Pass
		Outer Full	19.64	/	/	20.6	/	/	<=30	Pass
		Inner Full	19.57	/	/	20.53	/	/	<=30	Pass
		Inner 1RB Left	19.95	/	/	20.91	/	/	<=30	Pass
		Inner 1RB Right	19.91	/	/	20.87	/	/	<=30	Pass
	3750	Edge 1RB Left	19.96	/	/	20.92	/	/	<=30	Pass
		Edge 1RB Right	19.97	/	/	20.93	/	/	<=30	Pass
		Outer Full	19.71	/	/	20.67	/	/	<=30	Pass
		Inner Full	19.72	/	/	20.68	/	/	<=30	Pass
		Inner 1RB Left	19.92	/	/	20.88	/	/	<=30	Pass
		Inner 1RB Right	20.02	/	/	20.98	/	/	<=30	Pass
	3792.48	Edge 1RB Left	20.31	/	/	21.27	/	/	<=30	Pass
		Edge 1RB Right	20.22	/	/	21.18	/	/	<=30	Pass
		Outer Full	20.07	/	/	21.03	/	/	<=30	Pass
		Inner Full	20.07	/	/	21.03	/	/	<=30	Pass
		Inner 1RB Left	20.41	/	/	21.37	/	/	<=30	Pass
		Inner 1RB Right	20.25	/	/	21.21	/	/	<=30	Pass
CP-OFDM 256 QAM	3707.52	Edge 1RB Left	16.98	/	/	17.94	/	/	<=30	Pass
		Edge 1RB Right	16.95	/	/	17.91	/	/	<=30	Pass
		Outer Full	16.78	/	/	17.74	/	/	<=30	Pass
		Inner Full	16.83	/	/	17.79	/	/	<=30	Pass
		Inner 1RB Left	16.93	/	/	17.89	/	/	<=30	Pass
		Inner 1RB Right	16.9	/	/	17.86	/	/	<=30	Pass
	3750	Edge 1RB Left	16.97	/	/	17.93	/	/	<=30	Pass
		Edge 1RB Right	16.96	/	/	17.92	/	/	<=30	Pass
		Outer Full	16.86	/	/	17.82	/	/	<=30	Pass
		Inner Full	16.88	/	/	17.84	/	/	<=30	Pass
		Inner 1RB Left	16.98	/	/	17.94	/	/	<=30	Pass
		Inner 1RB Right	16.98	/	/	17.94	/	/	<=30	Pass
	3792.48	Edge 1RB Left	17.38	/	/	18.34	/	/	<=30	Pass
		Edge 1RB Right	17.25	/	/	18.21	/	/	<=30	Pass
		Outer Full	17.22	/	/	18.18	/	/	<=30	Pass
Inner Full		17.32	/	/	18.28	/	/	<=30	Pass	
Inner 1RB Left		17.37	/	/	18.33	/	/	<=30	Pass	
	Inner 1RB Right	17.29	/	/	18.25	/	/	<=30	Pass	
Note1: Antenna Gain: Ant11: 0.96dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30k_SISO_20MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3710.01	Edge 1RB Left	19.68	/	/	20.64	/	/	<=30	Pass
		Edge 1RB Right	19.79	/	/	20.75	/	/	<=30	Pass
		Outer_Full	22.55	/	/	23.51	/	/	<=30	Pass

		Inner_Full	22.96	/	/	23.92	/	/	<=30	Pass
		Inner_1RB_Left	22.94	/	/	23.9	/	/	<=30	Pass
		Inner_1RB_Right	23.05	/	/	24.01	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.78	/	/	20.74	/	/	<=30	Pass
		Edge_1RB_Right	19.76	/	/	20.72	/	/	<=30	Pass
		Outer_Full	22.63	/	/	23.59	/	/	<=30	Pass
		Inner_Full	23.18	/	/	24.14	/	/	<=30	Pass
		Inner_1RB_Left	23.03	/	/	23.99	/	/	<=30	Pass
		Inner_1RB_Right	22.96	/	/	23.92	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	19.98	/	/	20.94	/	/	<=30	Pass
		Edge_1RB_Right	19.93	/	/	20.89	/	/	<=30	Pass
		Outer_Full	22.99	/	/	23.95	/	/	<=30	Pass
		Inner_Full	23.36	/	/	24.32	/	/	<=30	Pass
		Inner_1RB_Left	23.26	/	/	24.22	/	/	<=30	Pass
		Inner_1RB_Right	23.25	/	/	24.21	/	/	<=30	Pass
DFT-s-OFDM QPSK	3710.01	Edge_1RB_Left	19.69	/	/	20.65	/	/	<=30	Pass
		Edge_1RB_Right	19.79	/	/	20.75	/	/	<=30	Pass
		Outer_Full	22.06	/	/	23.02	/	/	<=30	Pass
		Inner_Full	23.06	/	/	24.02	/	/	<=30	Pass
		Inner_1RB_Left	22.95	/	/	23.91	/	/	<=30	Pass
		Inner_1RB_Right	23.12	/	/	24.08	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.8	/	/	20.76	/	/	<=30	Pass
		Edge_1RB_Right	19.77	/	/	20.73	/	/	<=30	Pass
		Outer_Full	22.08	/	/	23.04	/	/	<=30	Pass
		Inner_Full	23.05	/	/	24.01	/	/	<=30	Pass
		Inner_1RB_Left	23.01	/	/	23.97	/	/	<=30	Pass
		Inner_1RB_Right	22.98	/	/	23.94	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	19.99	/	/	20.95	/	/	<=30	Pass
		Edge_1RB_Right	20.02	/	/	20.98	/	/	<=30	Pass
		Outer_Full	22.47	/	/	23.43	/	/	<=30	Pass
		Inner_Full	23.49	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Left	23.24	/	/	24.2	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	24.28	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Edge_1RB_Left	19.63	/	/	20.59	/	/	<=30	Pass
		Edge_1RB_Right	19.67	/	/	20.63	/	/	<=30	Pass
		Outer_Full	21.16	/	/	22.12	/	/	<=30	Pass
		Inner_Full	21.99	/	/	22.95	/	/	<=30	Pass
		Inner_1RB_Left	22.07	/	/	23.03	/	/	<=30	Pass
		Inner_1RB_Right	22.11	/	/	23.07	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.59	/	/	20.55	/	/	<=30	Pass
		Edge_1RB_Right	19.56	/	/	20.52	/	/	<=30	Pass
		Outer_Full	21.23	/	/	22.19	/	/	<=30	Pass
		Inner_Full	22.07	/	/	23.03	/	/	<=30	Pass
		Inner_1RB_Left	22.12	/	/	23.08	/	/	<=30	Pass
		Inner_1RB_Right	21.96	/	/	22.92	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	19.88	/	/	20.84	/	/	<=30	Pass
		Edge_1RB_Right	19.78	/	/	20.74	/	/	<=30	Pass
		Outer_Full	21.48	/	/	22.44	/	/	<=30	Pass
		Inner_Full	22.47	/	/	23.43	/	/	<=30	Pass
		Inner_1RB_Left	22.29	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Right	22.16	/	/	23.12	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3710.01	Edge_1RB_Left	20.1	/	/	21.06	/	/	<=30	Pass
		Edge_1RB_Right	20.1	/	/	21.06	/	/	<=30	Pass
		Outer_Full	20.62	/	/	21.58	/	/	<=30	Pass
		Inner_Full	20.62	/	/	21.58	/	/	<=30	Pass
		Inner_1RB_Left	21.03	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Right	21.1	/	/	22.06	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.04	/	/	21	/	/	<=30	Pass
		Edge_1RB_Right	20.11	/	/	21.07	/	/	<=30	Pass

		Outer_Full	20.68	/	/	21.64	/	/	<=30	Pass
		Inner_Full	20.75	/	/	21.71	/	/	<=30	Pass
		Inner_1RB_Left	21.02	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Right	21	/	/	21.96	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	20.34	/	/	21.3	/	/	<=30	Pass
		Edge_1RB_Right	20.24	/	/	21.2	/	/	<=30	Pass
		Outer_Full	20.95	/	/	21.91	/	/	<=30	Pass
		Inner_Full	21.05	/	/	22.01	/	/	<=30	Pass
		Inner_1RB_Left	21.29	/	/	22.25	/	/	<=30	Pass
		Inner_1RB_Right	21.3	/	/	22.26	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3710.01	Edge_1RB_Left	18.76	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	18.84	/	/	19.8	/	/	<=30	Pass
		Outer_Full	18.67	/	/	19.63	/	/	<=30	Pass
		Inner_Full	18.66	/	/	19.62	/	/	<=30	Pass
		Inner_1RB_Left	18.78	/	/	19.74	/	/	<=30	Pass
		Inner_1RB_Right	18.86	/	/	19.82	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.81	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	18.83	/	/	19.79	/	/	<=30	Pass
		Outer_Full	18.7	/	/	19.66	/	/	<=30	Pass
		Inner_Full	18.69	/	/	19.65	/	/	<=30	Pass
		Inner_1RB_Left	18.81	/	/	19.77	/	/	<=30	Pass
		Inner_1RB_Right	18.79	/	/	19.75	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	19.02	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	19	/	/	19.96	/	/	<=30	Pass
		Outer_Full	19.02	/	/	19.98	/	/	<=30	Pass
		Inner_Full	18.99	/	/	19.95	/	/	<=30	Pass
		Inner_1RB_Left	19.04	/	/	20	/	/	<=30	Pass
		Inner_1RB_Right	19.06	/	/	20.02	/	/	<=30	Pass
CP-OFDM QPSK	3710.01	Edge_1RB_Left	19.57	/	/	20.53	/	/	<=30	Pass
		Edge_1RB_Right	19.72	/	/	20.68	/	/	<=30	Pass
		Outer_Full	20.13	/	/	21.09	/	/	<=30	Pass
		Inner_Full	21.51	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Left	21.74	/	/	22.7	/	/	<=30	Pass
		Inner_1RB_Right	21.53	/	/	22.49	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.64	/	/	20.6	/	/	<=30	Pass
		Edge_1RB_Right	19.6	/	/	20.56	/	/	<=30	Pass
		Outer_Full	20.23	/	/	21.19	/	/	<=30	Pass
		Inner_Full	21.54	/	/	22.5	/	/	<=30	Pass
		Inner_1RB_Left	21.51	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Right	21.57	/	/	22.53	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	20.02	/	/	20.98	/	/	<=30	Pass
		Edge_1RB_Right	20.05	/	/	21.01	/	/	<=30	Pass
		Outer_Full	20.52	/	/	21.48	/	/	<=30	Pass
		Inner_Full	21.96	/	/	22.92	/	/	<=30	Pass
		Inner_1RB_Left	21.86	/	/	22.82	/	/	<=30	Pass
		Inner_1RB_Right	21.93	/	/	22.89	/	/	<=30	Pass
CP-OFDM 16 QAM	3710.01	Edge_1RB_Left	19.55	/	/	20.51	/	/	<=30	Pass
		Edge_1RB_Right	19.68	/	/	20.64	/	/	<=30	Pass
		Outer_Full	20.13	/	/	21.09	/	/	<=30	Pass
		Inner_Full	21.18	/	/	22.14	/	/	<=30	Pass
		Inner_1RB_Left	21.07	/	/	22.03	/	/	<=30	Pass
		Inner_1RB_Right	21.18	/	/	22.14	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.61	/	/	20.57	/	/	<=30	Pass
		Edge_1RB_Right	19.54	/	/	20.5	/	/	<=30	Pass
		Outer_Full	20.22	/	/	21.18	/	/	<=30	Pass
		Inner_Full	21.22	/	/	22.18	/	/	<=30	Pass
		Inner_1RB_Left	21.13	/	/	22.09	/	/	<=30	Pass
		Inner_1RB_Right	21.14	/	/	22.1	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	19.93	/	/	20.89	/	/	<=30	Pass

		Edge 1RB Right	19.97	/	/	20.93	/	/	<=30	Pass
		Outer_Full	20.48	/	/	21.44	/	/	<=30	Pass
		Inner_Full	21.62	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Left	21.15	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Right	21.24	/	/	22.2	/	/	<=30	Pass
CP-OFDM 64 QAM	3710.01	Edge_1RB_Left	19.96	/	/	20.92	/	/	<=30	Pass
		Edge_1RB_Right	20.03	/	/	20.99	/	/	<=30	Pass
		Outer_Full	19.71	/	/	20.67	/	/	<=30	Pass
		Inner_Full	19.77	/	/	20.73	/	/	<=30	Pass
		Inner_1RB_Left	19.93	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Right	20.01	/	/	20.97	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.94	/	/	20.9	/	/	<=30	Pass
		Edge_1RB_Right	19.87	/	/	20.83	/	/	<=30	Pass
		Outer_Full	19.77	/	/	20.73	/	/	<=30	Pass
		Inner_Full	19.79	/	/	20.75	/	/	<=30	Pass
		Inner_1RB_Left	19.93	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Right	19.9	/	/	20.86	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	20.16	/	/	21.12	/	/	<=30	Pass
		Edge_1RB_Right	20.17	/	/	21.13	/	/	<=30	Pass
		Outer_Full	20.05	/	/	21.01	/	/	<=30	Pass
		Inner_Full	20.11	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Left	20.35	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Right	20.16	/	/	21.12	/	/	<=30	Pass
CP-OFDM 256 QAM	3710.01	Edge_1RB_Left	16.92	/	/	17.88	/	/	<=30	Pass
		Edge_1RB_Right	17	/	/	17.96	/	/	<=30	Pass
		Outer_Full	16.8	/	/	17.76	/	/	<=30	Pass
		Inner_Full	16.82	/	/	17.78	/	/	<=30	Pass
		Inner_1RB_Left	16.91	/	/	17.87	/	/	<=30	Pass
		Inner_1RB_Right	16.96	/	/	17.92	/	/	<=30	Pass
	3750	Edge_1RB_Left	17.06	/	/	18.02	/	/	<=30	Pass
		Edge_1RB_Right	16.98	/	/	17.94	/	/	<=30	Pass
		Outer_Full	16.88	/	/	17.84	/	/	<=30	Pass
		Inner_Full	16.84	/	/	17.8	/	/	<=30	Pass
		Inner_1RB_Left	16.99	/	/	17.95	/	/	<=30	Pass
		Inner_1RB_Right	17	/	/	17.96	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	17.16	/	/	18.12	/	/	<=30	Pass
		Edge_1RB_Right	17.23	/	/	18.19	/	/	<=30	Pass
		Outer_Full	17.16	/	/	18.12	/	/	<=30	Pass
		Inner_Full	17.14	/	/	18.1	/	/	<=30	Pass
		Inner_1RB_Left	17.21	/	/	18.17	/	/	<=30	Pass
		Inner_1RB_Right	17.24	/	/	18.2	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 0.96dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30k_SISO_25MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 25MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3712.5	Edge 1RB Left	19.78	/	/	20.74	/	/	<=30	Pass
		Edge 1RB Right	19.91	/	/	20.87	/	/	<=30	Pass
		Outer_Full	22.66	/	/	23.62	/	/	<=30	Pass
		Inner_Full	23.05	/	/	24.01	/	/	<=30	Pass
		Inner 1RB Left	22.99	/	/	23.95	/	/	<=30	Pass
		Inner 1RB Right	23.17	/	/	24.13	/	/	<=30	Pass
	3750	Edge 1RB Left	19.76	/	/	20.72	/	/	<=30	Pass
		Edge 1RB Right	19.7	/	/	20.66	/	/	<=30	Pass
		Outer_Full	22.59	/	/	23.55	/	/	<=30	Pass

		Inner_Full	23.04	/	/	24	/	/	<=30	Pass
		Inner_1RB_Left	23	/	/	23.96	/	/	<=30	Pass
		Inner_1RB_Right	22.95	/	/	23.91	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	19.8	/	/	20.76	/	/	<=30	Pass
		Edge_1RB_Right	19.9	/	/	20.86	/	/	<=30	Pass
		Outer_Full	22.87	/	/	23.83	/	/	<=30	Pass
		Inner_Full	23.41	/	/	24.37	/	/	<=30	Pass
		Inner_1RB_Left	23.05	/	/	24.01	/	/	<=30	Pass
		Inner_1RB_Right	23.15	/	/	24.11	/	/	<=30	Pass
DFT-s-OFDM QPSK	3712.5	Edge_1RB_Left	19.68	/	/	20.64	/	/	<=30	Pass
		Edge_1RB_Right	19.89	/	/	20.85	/	/	<=30	Pass
		Outer_Full	22.13	/	/	23.09	/	/	<=30	Pass
		Inner_Full	23.01	/	/	23.97	/	/	<=30	Pass
		Inner_1RB_Left	22.89	/	/	23.85	/	/	<=30	Pass
		Inner_1RB_Right	23.13	/	/	24.09	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.73	/	/	20.69	/	/	<=30	Pass
		Edge_1RB_Right	19.68	/	/	20.64	/	/	<=30	Pass
		Outer_Full	22.1	/	/	23.06	/	/	<=30	Pass
		Inner_Full	23.05	/	/	24.01	/	/	<=30	Pass
		Inner_1RB_Left	23	/	/	23.96	/	/	<=30	Pass
		Inner_1RB_Right	22.96	/	/	23.92	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	19.78	/	/	20.74	/	/	<=30	Pass
		Edge_1RB_Right	19.88	/	/	20.84	/	/	<=30	Pass
		Outer_Full	22.33	/	/	23.29	/	/	<=30	Pass
		Inner_Full	23.25	/	/	24.21	/	/	<=30	Pass
		Inner_1RB_Left	23.09	/	/	24.05	/	/	<=30	Pass
		Inner_1RB_Right	23.19	/	/	24.15	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3712.5	Edge_1RB_Left	19.58	/	/	20.54	/	/	<=30	Pass
		Edge_1RB_Right	19.71	/	/	20.67	/	/	<=30	Pass
		Outer_Full	21.18	/	/	22.14	/	/	<=30	Pass
		Inner_Full	22.12	/	/	23.08	/	/	<=30	Pass
		Inner_1RB_Left	22.03	/	/	22.99	/	/	<=30	Pass
		Inner_1RB_Right	22.1	/	/	23.06	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.51	/	/	20.47	/	/	<=30	Pass
		Edge_1RB_Right	19.51	/	/	20.47	/	/	<=30	Pass
		Outer_Full	21.1	/	/	22.06	/	/	<=30	Pass
		Inner_Full	21.98	/	/	22.94	/	/	<=30	Pass
		Inner_1RB_Left	22.05	/	/	23.01	/	/	<=30	Pass
		Inner_1RB_Right	21.92	/	/	22.88	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	19.59	/	/	20.55	/	/	<=30	Pass
		Edge_1RB_Right	19.77	/	/	20.73	/	/	<=30	Pass
		Outer_Full	21.36	/	/	22.32	/	/	<=30	Pass
		Inner_Full	22.31	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Left	22.12	/	/	23.08	/	/	<=30	Pass
		Inner_1RB_Right	22.27	/	/	23.23	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3712.5	Edge_1RB_Left	20.07	/	/	21.03	/	/	<=30	Pass
		Edge_1RB_Right	20.26	/	/	21.22	/	/	<=30	Pass
		Outer_Full	20.76	/	/	21.72	/	/	<=30	Pass
		Inner_Full	20.71	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Left	21.01	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Right	21.15	/	/	22.11	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.05	/	/	21.01	/	/	<=30	Pass
		Edge_1RB_Right	19.91	/	/	20.87	/	/	<=30	Pass
		Outer_Full	20.66	/	/	21.62	/	/	<=30	Pass
		Inner_Full	20.66	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Left	21	/	/	21.96	/	/	<=30	Pass
		Inner_1RB_Right	20.92	/	/	21.88	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	20.09	/	/	21.05	/	/	<=30	Pass
		Edge_1RB_Right	20.31	/	/	21.27	/	/	<=30	Pass

		Outer_Full	20.91	/	/	21.87	/	/	<=30	Pass
		Inner_Full	20.98	/	/	21.94	/	/	<=30	Pass
		Inner_1RB_Left	21.08	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Right	21.2	/	/	22.16	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3712.5	Edge_1RB_Left	18.74	/	/	19.7	/	/	<=30	Pass
		Edge_1RB_Right	18.97	/	/	19.93	/	/	<=30	Pass
		Outer_Full	18.77	/	/	19.73	/	/	<=30	Pass
		Inner_Full	18.72	/	/	19.68	/	/	<=30	Pass
		Inner_1RB_Left	18.73	/	/	19.69	/	/	<=30	Pass
		Inner_1RB_Right	18.92	/	/	19.88	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.77	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Right	18.73	/	/	19.69	/	/	<=30	Pass
		Outer_Full	18.71	/	/	19.67	/	/	<=30	Pass
		Inner_Full	18.64	/	/	19.6	/	/	<=30	Pass
		Inner_1RB_Left	18.78	/	/	19.74	/	/	<=30	Pass
		Inner_1RB_Right	18.7	/	/	19.66	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	18.82	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	18.95	/	/	19.91	/	/	<=30	Pass
		Outer_Full	18.98	/	/	19.94	/	/	<=30	Pass
		Inner_Full	18.96	/	/	19.92	/	/	<=30	Pass
		Inner_1RB_Left	18.81	/	/	19.77	/	/	<=30	Pass
		Inner_1RB_Right	18.95	/	/	19.91	/	/	<=30	Pass
CP-OFDM QPSK	3712.5	Edge_1RB_Left	19.75	/	/	20.71	/	/	<=30	Pass
		Edge_1RB_Right	19.9	/	/	20.86	/	/	<=30	Pass
		Outer_Full	20.18	/	/	21.14	/	/	<=30	Pass
		Inner_Full	21.54	/	/	22.5	/	/	<=30	Pass
		Inner_1RB_Left	21.72	/	/	22.68	/	/	<=30	Pass
		Inner_1RB_Right	21.64	/	/	22.6	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.77	/	/	20.73	/	/	<=30	Pass
		Edge_1RB_Right	19.5	/	/	20.46	/	/	<=30	Pass
		Outer_Full	20.15	/	/	21.11	/	/	<=30	Pass
		Inner_Full	21.52	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Left	21.53	/	/	22.49	/	/	<=30	Pass
		Inner_1RB_Right	21.42	/	/	22.38	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	19.58	/	/	20.54	/	/	<=30	Pass
		Edge_1RB_Right	19.79	/	/	20.75	/	/	<=30	Pass
		Outer_Full	20.39	/	/	21.35	/	/	<=30	Pass
		Inner_Full	21.77	/	/	22.73	/	/	<=30	Pass
		Inner_1RB_Left	21.45	/	/	22.41	/	/	<=30	Pass
		Inner_1RB_Right	21.95	/	/	22.91	/	/	<=30	Pass
CP-OFDM 16 QAM	3712.5	Edge_1RB_Left	19.53	/	/	20.49	/	/	<=30	Pass
		Edge_1RB_Right	19.76	/	/	20.72	/	/	<=30	Pass
		Outer_Full	20.16	/	/	21.12	/	/	<=30	Pass
		Inner_Full	21.22	/	/	22.18	/	/	<=30	Pass
		Inner_1RB_Left	21.01	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Right	21.27	/	/	22.23	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.64	/	/	20.6	/	/	<=30	Pass
		Edge_1RB_Right	19.44	/	/	20.4	/	/	<=30	Pass
		Outer_Full	20.12	/	/	21.08	/	/	<=30	Pass
		Inner_Full	21.09	/	/	22.05	/	/	<=30	Pass
		Inner_1RB_Left	21.07	/	/	22.03	/	/	<=30	Pass
		Inner_1RB_Right	21.07	/	/	22.03	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	19.61	/	/	20.57	/	/	<=30	Pass
		Edge_1RB_Right	19.83	/	/	20.79	/	/	<=30	Pass
		Outer_Full	20.36	/	/	21.32	/	/	<=30	Pass
		Inner_Full	21.42	/	/	22.38	/	/	<=30	Pass
		Inner_1RB_Left	21.02	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Right	21.2	/	/	22.16	/	/	<=30	Pass
CP-OFDM 64 QAM	3712.5	Edge_1RB_Left	19.92	/	/	20.88	/	/	<=30	Pass

		Edge 1RB Right	20.09	/	/	21.05	/	/	<=30	Pass
		Outer_Full	19.77	/	/	20.73	/	/	<=30	Pass
		Inner_Full	19.79	/	/	20.75	/	/	<=30	Pass
		Inner_1RB_Left	19.91	/	/	20.87	/	/	<=30	Pass
		Inner_1RB_Right	20.18	/	/	21.14	/	/	<=30	Pass
	3750	Edge 1RB Left	19.9	/	/	20.86	/	/	<=30	Pass
		Edge 1RB Right	19.84	/	/	20.8	/	/	<=30	Pass
		Outer_Full	19.69	/	/	20.65	/	/	<=30	Pass
		Inner_Full	19.61	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Left	19.94	/	/	20.9	/	/	<=30	Pass
	3787.5	Inner_1RB_Right	19.86	/	/	20.82	/	/	<=30	Pass
		Edge 1RB Left	19.96	/	/	20.92	/	/	<=30	Pass
		Edge 1RB Right	20.08	/	/	21.04	/	/	<=30	Pass
		Outer_Full	19.87	/	/	20.83	/	/	<=30	Pass
		Inner_Full	19.94	/	/	20.9	/	/	<=30	Pass
CP-OFDM 256 QAM	3712.5	Inner_1RB_Left	19.93	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Right	20.13	/	/	21.09	/	/	<=30	Pass
		Edge 1RB Left	16.88	/	/	17.84	/	/	<=30	Pass
		Edge 1RB Right	17.09	/	/	18.05	/	/	<=30	Pass
		Outer_Full	16.89	/	/	17.85	/	/	<=30	Pass
		Inner_Full	16.82	/	/	17.78	/	/	<=30	Pass
	3750	Inner_1RB_Left	16.94	/	/	17.9	/	/	<=30	Pass
		Inner_1RB_Right	17.09	/	/	18.05	/	/	<=30	Pass
		Edge 1RB Left	16.97	/	/	17.93	/	/	<=30	Pass
		Edge 1RB Right	16.86	/	/	17.82	/	/	<=30	Pass
		Outer_Full	16.81	/	/	17.77	/	/	<=30	Pass
		Inner_Full	16.72	/	/	17.68	/	/	<=30	Pass
	3787.5	Inner_1RB_Left	16.97	/	/	17.93	/	/	<=30	Pass
		Inner_1RB_Right	16.87	/	/	17.83	/	/	<=30	Pass
		Edge 1RB Left	16.98	/	/	17.94	/	/	<=30	Pass
		Edge 1RB Right	17.16	/	/	18.12	/	/	<=30	Pass
		Outer_Full	17.01	/	/	17.97	/	/	<=30	Pass
Inner_Full		17.03	/	/	17.99	/	/	<=30	Pass	
	Inner_1RB_Left	16.99	/	/	17.95	/	/	<=30	Pass	
	Inner_1RB_Right	17.14	/	/	18.1	/	/	<=30	Pass	
Note1: Antenna Gain: Ant11: 0.96dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30k_SISO_30MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 30MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3715.02	Edge 1RB Left	19.57	/	/	20.53	/	/	<=30	Pass
		Edge 1RB Right	19.79	/	/	20.75	/	/	<=30	Pass
		Outer_Full	22.58	/	/	23.54	/	/	<=30	Pass
		Inner_Full	23.05	/	/	24.01	/	/	<=30	Pass
		Inner 1RB Left	22.79	/	/	23.75	/	/	<=30	Pass
		Inner 1RB Right	23.04	/	/	24	/	/	<=30	Pass
	3750	Edge 1RB Left	19.77	/	/	20.73	/	/	<=30	Pass
		Edge 1RB Right	19.68	/	/	20.64	/	/	<=30	Pass
		Outer_Full	22.62	/	/	23.58	/	/	<=30	Pass
		Inner_Full	23.09	/	/	24.05	/	/	<=30	Pass
		Inner 1RB Left	23.02	/	/	23.98	/	/	<=30	Pass
		Inner 1RB Right	23	/	/	23.96	/	/	<=30	Pass
	3784.98	Edge 1RB Left	19.72	/	/	20.68	/	/	<=30	Pass
		Edge 1RB Right	20.07	/	/	21.03	/	/	<=30	Pass
		Outer_Full	22.89	/	/	23.85	/	/	<=30	Pass

		Inner_Full	23.46	/	/	24.42	/	/	<=30	Pass
		Inner_1RB_Left	23.01	/	/	23.97	/	/	<=30	Pass
		Inner_1RB_Right	23.29	/	/	24.25	/	/	<=30	Pass
DFT-s-OFDM QPSK	3715.02	Edge_1RB_Left	19.59	/	/	20.55	/	/	<=30	Pass
		Edge_1RB_Right	19.71	/	/	20.67	/	/	<=30	Pass
		Outer_Full	22.07	/	/	23.03	/	/	<=30	Pass
		Inner_Full	22.96	/	/	23.92	/	/	<=30	Pass
		Inner_1RB_Left	22.78	/	/	23.74	/	/	<=30	Pass
		Inner_1RB_Right	23.03	/	/	23.99	/	/	<=30	Pass
		Edge_1RB_Left	19.8	/	/	20.76	/	/	<=30	Pass
		Edge_1RB_Right	19.71	/	/	20.67	/	/	<=30	Pass
	3750	Outer_Full	22.09	/	/	23.05	/	/	<=30	Pass
		Inner_Full	23.03	/	/	23.99	/	/	<=30	Pass
		Inner_1RB_Left	22.98	/	/	23.94	/	/	<=30	Pass
		Inner_1RB_Right	22.96	/	/	23.92	/	/	<=30	Pass
		Edge_1RB_Left	19.77	/	/	20.73	/	/	<=30	Pass
		Edge_1RB_Right	20.03	/	/	20.99	/	/	<=30	Pass
	3784.98	Outer_Full	22.48	/	/	23.44	/	/	<=30	Pass
		Inner_Full	23.48	/	/	24.44	/	/	<=30	Pass
		Inner_1RB_Left	23.03	/	/	23.99	/	/	<=30	Pass
		Inner_1RB_Right	23.29	/	/	24.25	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.02	Edge_1RB_Left	19.38	/	/	20.34	/	/	<=30	Pass
		Edge_1RB_Right	19.55	/	/	20.51	/	/	<=30	Pass
		Outer_Full	21.12	/	/	22.08	/	/	<=30	Pass
		Inner_Full	22.02	/	/	22.98	/	/	<=30	Pass
		Inner_1RB_Left	21.75	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Right	21.77	/	/	22.73	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.57	/	/	20.53	/	/	<=30	Pass
		Edge_1RB_Right	19.45	/	/	20.41	/	/	<=30	Pass
		Outer_Full	21.16	/	/	22.12	/	/	<=30	Pass
		Inner_Full	22.12	/	/	23.08	/	/	<=30	Pass
		Inner_1RB_Left	21.76	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Right	21.85	/	/	22.81	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	19.56	/	/	20.52	/	/	<=30	Pass
		Edge_1RB_Right	19.79	/	/	20.75	/	/	<=30	Pass
		Outer_Full	21.47	/	/	22.43	/	/	<=30	Pass
		Inner_Full	22.47	/	/	23.43	/	/	<=30	Pass
		Inner_1RB_Left	21.81	/	/	22.77	/	/	<=30	Pass
		Inner_1RB_Right	22.16	/	/	23.12	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3715.02	Edge_1RB_Left	19.92	/	/	20.88	/	/	<=30	Pass
		Edge_1RB_Right	20.03	/	/	20.99	/	/	<=30	Pass
		Outer_Full	20.63	/	/	21.59	/	/	<=30	Pass
		Inner_Full	20.61	/	/	21.57	/	/	<=30	Pass
		Inner_1RB_Left	20.73	/	/	21.69	/	/	<=30	Pass
		Inner_1RB_Right	20.9	/	/	21.86	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.11	/	/	21.07	/	/	<=30	Pass
		Edge_1RB_Right	20.09	/	/	21.05	/	/	<=30	Pass
		Outer_Full	20.67	/	/	21.63	/	/	<=30	Pass
		Inner_Full	20.6	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Left	20.9	/	/	21.86	/	/	<=30	Pass
		Inner_1RB_Right	20.82	/	/	21.78	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	20.07	/	/	21.03	/	/	<=30	Pass
		Edge_1RB_Right	20.39	/	/	21.35	/	/	<=30	Pass
		Outer_Full	20.99	/	/	21.95	/	/	<=30	Pass
		Inner_Full	20.97	/	/	21.93	/	/	<=30	Pass
		Inner_1RB_Left	21	/	/	21.96	/	/	<=30	Pass
		Inner_1RB_Right	21.2	/	/	22.16	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3715.02	Edge_1RB_Left	18.63	/	/	19.59	/	/	<=30	Pass
		Edge_1RB_Right	18.84	/	/	19.8	/	/	<=30	Pass

		Outer_Full	18.69	/	/	19.65	/	/	<=30	Pass
		Inner_Full	18.63	/	/	19.59	/	/	<=30	Pass
		Inner_1RB_Left	18.6	/	/	19.56	/	/	<=30	Pass
		Inner_1RB_Right	18.83	/	/	19.79	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.82	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	18.78	/	/	19.74	/	/	<=30	Pass
		Outer_Full	18.75	/	/	19.71	/	/	<=30	Pass
		Inner_Full	18.7	/	/	19.66	/	/	<=30	Pass
		Inner_1RB_Left	18.83	/	/	19.79	/	/	<=30	Pass
		Inner_1RB_Right	18.72	/	/	19.68	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	18.82	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	19.13	/	/	20.09	/	/	<=30	Pass
		Outer_Full	19.05	/	/	20.01	/	/	<=30	Pass
		Inner_Full	19.09	/	/	20.05	/	/	<=30	Pass
		Inner_1RB_Left	18.82	/	/	19.78	/	/	<=30	Pass
		Inner_1RB_Right	19.1	/	/	20.06	/	/	<=30	Pass
CP-OFDM QPSK	3715.02	Edge_1RB_Left	19.74	/	/	20.7	/	/	<=30	Pass
		Edge_1RB_Right	19.85	/	/	20.81	/	/	<=30	Pass
		Outer_Full	20.14	/	/	21.1	/	/	<=30	Pass
		Inner_Full	21.48	/	/	22.44	/	/	<=30	Pass
		Inner_1RB_Left	21.47	/	/	22.43	/	/	<=30	Pass
		Inner_1RB_Right	21.57	/	/	22.53	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.68	/	/	20.64	/	/	<=30	Pass
		Edge_1RB_Right	19.67	/	/	20.63	/	/	<=30	Pass
		Outer_Full	20.15	/	/	21.11	/	/	<=30	Pass
		Inner_Full	21.53	/	/	22.49	/	/	<=30	Pass
		Inner_1RB_Left	21.41	/	/	22.37	/	/	<=30	Pass
		Inner_1RB_Right	21.68	/	/	22.64	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	19.57	/	/	20.53	/	/	<=30	Pass
		Edge_1RB_Right	19.91	/	/	20.87	/	/	<=30	Pass
		Outer_Full	20.48	/	/	21.44	/	/	<=30	Pass
		Inner_Full	22	/	/	22.96	/	/	<=30	Pass
		Inner_1RB_Left	21.69	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Right	21.87	/	/	22.83	/	/	<=30	Pass
CP-OFDM 16 QAM	3715.02	Edge_1RB_Left	19.52	/	/	20.48	/	/	<=30	Pass
		Edge_1RB_Right	19.73	/	/	20.69	/	/	<=30	Pass
		Outer_Full	20.13	/	/	21.09	/	/	<=30	Pass
		Inner_Full	21.09	/	/	22.05	/	/	<=30	Pass
		Inner_1RB_Left	20.7	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Right	20.98	/	/	21.94	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.73	/	/	20.69	/	/	<=30	Pass
		Edge_1RB_Right	19.64	/	/	20.6	/	/	<=30	Pass
		Outer_Full	20.18	/	/	21.14	/	/	<=30	Pass
		Inner_Full	21.11	/	/	22.07	/	/	<=30	Pass
		Inner_1RB_Left	21.1	/	/	22.06	/	/	<=30	Pass
		Inner_1RB_Right	20.88	/	/	21.84	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	19.7	/	/	20.66	/	/	<=30	Pass
		Edge_1RB_Right	20.01	/	/	20.97	/	/	<=30	Pass
		Outer_Full	20.52	/	/	21.48	/	/	<=30	Pass
		Inner_Full	21.52	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Left	21.1	/	/	22.06	/	/	<=30	Pass
		Inner_1RB_Right	21.35	/	/	22.31	/	/	<=30	Pass
CP-OFDM 64 QAM	3715.02	Edge_1RB_Left	19.82	/	/	20.78	/	/	<=30	Pass
		Edge_1RB_Right	19.97	/	/	20.93	/	/	<=30	Pass
		Outer_Full	19.72	/	/	20.68	/	/	<=30	Pass
		Inner_Full	19.65	/	/	20.61	/	/	<=30	Pass
		Inner_1RB_Left	19.82	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Right	19.94	/	/	20.9	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.92	/	/	20.88	/	/	<=30	Pass

		Edge_1RB_Right	19.91	/	/	20.87	/	/	<=30	Pass
		Outer_Full	19.69	/	/	20.65	/	/	<=30	Pass
		Inner_Full	19.73	/	/	20.69	/	/	<=30	Pass
		Inner_1RB_Left	20.01	/	/	20.97	/	/	<=30	Pass
		Inner_1RB_Right	19.95	/	/	20.91	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	19.97	/	/	20.93	/	/	<=30	Pass
		Edge_1RB_Right	20.26	/	/	21.22	/	/	<=30	Pass
		Outer_Full	20.05	/	/	21.01	/	/	<=30	Pass
		Inner_Full	20.12	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Left	20.02	/	/	20.98	/	/	<=30	Pass
		Inner_1RB_Right	20.25	/	/	21.21	/	/	<=30	Pass
CP-OFDM 256 QAM	3715.02	Edge_1RB_Left	16.8	/	/	17.76	/	/	<=30	Pass
		Edge_1RB_Right	16.93	/	/	17.89	/	/	<=30	Pass
		Outer_Full	16.77	/	/	17.73	/	/	<=30	Pass
		Inner_Full	16.74	/	/	17.7	/	/	<=30	Pass
		Inner_1RB_Left	16.79	/	/	17.75	/	/	<=30	Pass
		Inner_1RB_Right	16.93	/	/	17.89	/	/	<=30	Pass
	3750	Edge_1RB_Left	16.97	/	/	17.93	/	/	<=30	Pass
		Edge_1RB_Right	16.9	/	/	17.86	/	/	<=30	Pass
		Outer_Full	16.76	/	/	17.72	/	/	<=30	Pass
		Inner_Full	16.78	/	/	17.74	/	/	<=30	Pass
		Inner_1RB_Left	16.93	/	/	17.89	/	/	<=30	Pass
		Inner_1RB_Right	16.88	/	/	17.84	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	16.95	/	/	17.91	/	/	<=30	Pass
		Edge_1RB_Right	17.24	/	/	18.2	/	/	<=30	Pass
		Outer_Full	17.1	/	/	18.06	/	/	<=30	Pass
		Inner_Full	17.17	/	/	18.13	/	/	<=30	Pass
		Inner_1RB_Left	17	/	/	17.96	/	/	<=30	Pass
		Inner_1RB_Right	17.23	/	/	18.19	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 0.96dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30k_SISO_40MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3720	Edge 1RB Left	19.59	/	/	20.55	/	/	<=30	Pass
		Edge 1RB Right	19.71	/	/	20.67	/	/	<=30	Pass
		Outer_Full	22.69	/	/	23.65	/	/	<=30	Pass
		Inner_Full	23.14	/	/	24.1	/	/	<=30	Pass
		Inner 1RB Left	22.82	/	/	23.78	/	/	<=30	Pass
		Inner 1RB Right	23.02	/	/	23.98	/	/	<=30	Pass
	3750	Edge 1RB Left	19.81	/	/	20.77	/	/	<=30	Pass
		Edge 1RB Right	19.74	/	/	20.7	/	/	<=30	Pass
		Outer_Full	22.68	/	/	23.64	/	/	<=30	Pass
		Inner_Full	23.11	/	/	24.07	/	/	<=30	Pass
		Inner 1RB Left	23.04	/	/	24	/	/	<=30	Pass
		Inner 1RB Right	23.07	/	/	24.03	/	/	<=30	Pass
	3780	Edge 1RB Left	19.62	/	/	20.58	/	/	<=30	Pass
		Edge 1RB Right	20	/	/	20.96	/	/	<=30	Pass
		Outer_Full	22.84	/	/	23.8	/	/	<=30	Pass
		Inner_Full	23.4	/	/	24.36	/	/	<=30	Pass
		Inner 1RB Left	22.87	/	/	23.83	/	/	<=30	Pass
		Inner 1RB Right	23.25	/	/	24.21	/	/	<=30	Pass
DFT-s-OFDM QPSK	3720	Edge 1RB Left	19.6	/	/	20.56	/	/	<=30	Pass
		Edge 1RB Right	19.7	/	/	20.66	/	/	<=30	Pass
		Outer_Full	22.17	/	/	23.13	/	/	<=30	Pass

		Inner_Full	23.15	/	/	24.11	/	/	<=30	Pass
		Inner_1RB_Left	22.83	/	/	23.79	/	/	<=30	Pass
		Inner_1RB_Right	23.01	/	/	23.97	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.83	/	/	20.79	/	/	<=30	Pass
		Edge_1RB_Right	19.75	/	/	20.71	/	/	<=30	Pass
		Outer_Full	22.2	/	/	23.16	/	/	<=30	Pass
		Inner_Full	23.11	/	/	24.07	/	/	<=30	Pass
		Inner_1RB_Left	23.03	/	/	23.99	/	/	<=30	Pass
		Inner_1RB_Right	23.02	/	/	23.98	/	/	<=30	Pass
	3780	Edge_1RB_Left	19.6	/	/	20.56	/	/	<=30	Pass
		Edge_1RB_Right	19.99	/	/	20.95	/	/	<=30	Pass
		Outer_Full	22.35	/	/	23.31	/	/	<=30	Pass
		Inner_Full	23.37	/	/	24.33	/	/	<=30	Pass
		Inner_1RB_Left	22.84	/	/	23.8	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Inner_1RB_Right	23.27	/	/	24.23	/	/	<=30	Pass
		Edge_1RB_Left	19.5	/	/	20.46	/	/	<=30	Pass
		Edge_1RB_Right	19.49	/	/	20.45	/	/	<=30	Pass
		Outer_Full	21.25	/	/	22.21	/	/	<=30	Pass
		Inner_Full	22.21	/	/	23.17	/	/	<=30	Pass
		Inner_1RB_Left	21.77	/	/	22.73	/	/	<=30	Pass
	3750	Inner_1RB_Right	21.97	/	/	22.93	/	/	<=30	Pass
		Edge_1RB_Left	19.66	/	/	20.62	/	/	<=30	Pass
		Edge_1RB_Right	19.55	/	/	20.51	/	/	<=30	Pass
		Outer_Full	21.25	/	/	22.21	/	/	<=30	Pass
		Inner_Full	22.19	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Left	22.07	/	/	23.03	/	/	<=30	Pass
	3780	Inner_1RB_Right	22.07	/	/	23.03	/	/	<=30	Pass
		Edge_1RB_Left	19.47	/	/	20.43	/	/	<=30	Pass
		Edge_1RB_Right	19.85	/	/	20.81	/	/	<=30	Pass
		Outer_Full	21.36	/	/	22.32	/	/	<=30	Pass
		Inner_Full	22.42	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Left	21.91	/	/	22.87	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Inner_1RB_Right	22.26	/	/	23.22	/	/	<=30	Pass
		Edge_1RB_Left	19.93	/	/	20.89	/	/	<=30	Pass
		Edge_1RB_Right	20.08	/	/	21.04	/	/	<=30	Pass
		Outer_Full	20.7	/	/	21.66	/	/	<=30	Pass
		Inner_Full	20.73	/	/	21.69	/	/	<=30	Pass
		Inner_1RB_Left	20.96	/	/	21.92	/	/	<=30	Pass
	3750	Inner_1RB_Right	20.99	/	/	21.95	/	/	<=30	Pass
		Edge_1RB_Left	20.15	/	/	21.11	/	/	<=30	Pass
		Edge_1RB_Right	20.1	/	/	21.06	/	/	<=30	Pass
		Outer_Full	20.73	/	/	21.69	/	/	<=30	Pass
		Inner_Full	20.7	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Left	21.05	/	/	22.01	/	/	<=30	Pass
	3780	Inner_1RB_Right	21.03	/	/	21.99	/	/	<=30	Pass
		Edge_1RB_Left	19.94	/	/	20.9	/	/	<=30	Pass
		Edge_1RB_Right	20.33	/	/	21.29	/	/	<=30	Pass
		Outer_Full	20.91	/	/	21.87	/	/	<=30	Pass
		Inner_Full	20.93	/	/	21.89	/	/	<=30	Pass
		Inner_1RB_Left	20.89	/	/	21.85	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3720	Inner_1RB_Right	21.26	/	/	22.22	/	/	<=30	Pass
		Edge_1RB_Left	18.63	/	/	19.59	/	/	<=30	Pass
		Edge_1RB_Right	18.8	/	/	19.76	/	/	<=30	Pass
		Outer_Full	18.74	/	/	19.7	/	/	<=30	Pass
		Inner_Full	18.82	/	/	19.78	/	/	<=30	Pass
		Inner_1RB_Left	18.7	/	/	19.66	/	/	<=30	Pass
	3750	Inner_1RB_Right	18.79	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Left	18.83	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	18.84	/	/	19.8	/	/	<=30	Pass

		Outer_Full	18.82	/	/	19.78	/	/	<=30	Pass
		Inner_Full	18.73	/	/	19.69	/	/	<=30	Pass
		Inner_1RB_Left	18.85	/	/	19.81	/	/	<=30	Pass
		Inner_1RB_Right	18.85	/	/	19.81	/	/	<=30	Pass
	3780	Edge_1RB_Left	18.61	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	19.04	/	/	20	/	/	<=30	Pass
		Outer_Full	18.96	/	/	19.92	/	/	<=30	Pass
		Inner_Full	19	/	/	19.96	/	/	<=30	Pass
		Inner_1RB_Left	18.65	/	/	19.61	/	/	<=30	Pass
		Inner_1RB_Right	19.05	/	/	20.01	/	/	<=30	Pass
CP-OFDM QPSK	3720	Edge_1RB_Left	19.7	/	/	20.66	/	/	<=30	Pass
		Edge_1RB_Right	19.96	/	/	20.92	/	/	<=30	Pass
		Outer_Full	20.22	/	/	21.18	/	/	<=30	Pass
		Inner_Full	21.64	/	/	22.6	/	/	<=30	Pass
		Inner_1RB_Left	21.67	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Right	21.7	/	/	22.66	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.93	/	/	20.89	/	/	<=30	Pass
		Edge_1RB_Right	19.97	/	/	20.93	/	/	<=30	Pass
		Outer_Full	20.22	/	/	21.18	/	/	<=30	Pass
		Inner_Full	21.65	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Left	21.72	/	/	22.68	/	/	<=30	Pass
		Inner_1RB_Right	21.58	/	/	22.54	/	/	<=30	Pass
	3780	Edge_1RB_Left	19.54	/	/	20.5	/	/	<=30	Pass
		Edge_1RB_Right	20.11	/	/	21.07	/	/	<=30	Pass
		Outer_Full	20.38	/	/	21.34	/	/	<=30	Pass
		Inner_Full	21.94	/	/	22.9	/	/	<=30	Pass
		Inner_1RB_Left	21.33	/	/	22.29	/	/	<=30	Pass
		Inner_1RB_Right	21.9	/	/	22.86	/	/	<=30	Pass
CP-OFDM 16 QAM	3720	Edge_1RB_Left	19.47	/	/	20.43	/	/	<=30	Pass
		Edge_1RB_Right	19.57	/	/	20.53	/	/	<=30	Pass
		Outer_Full	20.23	/	/	21.19	/	/	<=30	Pass
		Inner_Full	21.22	/	/	22.18	/	/	<=30	Pass
		Inner_1RB_Left	20.9	/	/	21.86	/	/	<=30	Pass
		Inner_1RB_Right	20.98	/	/	21.94	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.73	/	/	20.69	/	/	<=30	Pass
		Edge_1RB_Right	19.73	/	/	20.69	/	/	<=30	Pass
		Outer_Full	20.24	/	/	21.2	/	/	<=30	Pass
		Inner_Full	21.16	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Left	21.18	/	/	22.14	/	/	<=30	Pass
		Inner_1RB_Right	20.96	/	/	21.92	/	/	<=30	Pass
	3780	Edge_1RB_Left	19.41	/	/	20.37	/	/	<=30	Pass
		Edge_1RB_Right	19.83	/	/	20.79	/	/	<=30	Pass
		Outer_Full	20.44	/	/	21.4	/	/	<=30	Pass
		Inner_Full	21.4	/	/	22.36	/	/	<=30	Pass
		Inner_1RB_Left	20.99	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Right	21.31	/	/	22.27	/	/	<=30	Pass
CP-OFDM 64 QAM	3720	Edge_1RB_Left	19.88	/	/	20.84	/	/	<=30	Pass
		Edge_1RB_Right	19.92	/	/	20.88	/	/	<=30	Pass
		Outer_Full	19.74	/	/	20.7	/	/	<=30	Pass
		Inner_Full	19.82	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Left	20	/	/	20.96	/	/	<=30	Pass
		Inner_1RB_Right	19.98	/	/	20.94	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.06	/	/	21.02	/	/	<=30	Pass
		Edge_1RB_Right	19.95	/	/	20.91	/	/	<=30	Pass
		Outer_Full	19.75	/	/	20.71	/	/	<=30	Pass
		Inner_Full	19.77	/	/	20.73	/	/	<=30	Pass
		Inner_1RB_Left	20.01	/	/	20.97	/	/	<=30	Pass
		Inner_1RB_Right	19.94	/	/	20.9	/	/	<=30	Pass
	3780	Edge_1RB_Left	19.76	/	/	20.72	/	/	<=30	Pass

		Edge 1RB Right	20.29	/	/	21.25	/	/	<=30	Pass	
		Outer Full	19.94	/	/	20.9	/	/	<=30	Pass	
		Inner Full	20.01	/	/	20.97	/	/	<=30	Pass	
		Inner 1RB Left	19.83	/	/	20.79	/	/	<=30	Pass	
		Inner 1RB Right	20.24	/	/	21.2	/	/	<=30	Pass	
CP-OFDM 256 QAM	3720	Edge 1RB Left	16.84	/	/	17.8	/	/	<=30	Pass	
		Edge 1RB Right	16.92	/	/	17.88	/	/	<=30	Pass	
		Outer Full	16.85	/	/	17.81	/	/	<=30	Pass	
		Inner Full	16.94	/	/	17.9	/	/	<=30	Pass	
		Inner 1RB Left	16.84	/	/	17.8	/	/	<=30	Pass	
		Inner 1RB Right	16.97	/	/	17.93	/	/	<=30	Pass	
	3750	Edge 1RB Left	17.01	/	/	17.97	/	/	<=30	Pass	
		Edge 1RB Right	16.94	/	/	17.9	/	/	<=30	Pass	
		Outer Full	16.84	/	/	17.8	/	/	<=30	Pass	
		Inner Full	16.83	/	/	17.79	/	/	<=30	Pass	
		Inner 1RB Left	16.99	/	/	17.95	/	/	<=30	Pass	
		Inner 1RB Right	16.97	/	/	17.93	/	/	<=30	Pass	
	3780	Edge 1RB Left	16.82	/	/	17.78	/	/	<=30	Pass	
		Edge 1RB Right	17.26	/	/	18.22	/	/	<=30	Pass	
		Outer Full	17.04	/	/	18	/	/	<=30	Pass	
		Inner Full	17.1	/	/	18.06	/	/	<=30	Pass	
		Inner 1RB Left	16.83	/	/	17.79	/	/	<=30	Pass	
		Inner 1RB Right	17.2	/	/	18.16	/	/	<=30	Pass	
	Note1: Antenna Gain: Ant11: 0.96dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 30k_SISO_50MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3725.01	Edge_1RB_Left	19.62	/	/	20.58	/	/	<=30	Pass
		Edge_1RB_Right	19.56	/	/	20.52	/	/	<=30	Pass
		Outer_Full	22.62	/	/	23.58	/	/	<=30	Pass
		Inner_Full	23.21	/	/	24.17	/	/	<=30	Pass
		Inner_1RB_Left	22.79	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Right	22.88	/	/	23.84	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.76	/	/	20.72	/	/	<=30	Pass
		Edge_1RB_Right	19.94	/	/	20.9	/	/	<=30	Pass
		Outer_Full	22.72	/	/	23.68	/	/	<=30	Pass
		Inner_Full	23.12	/	/	24.08	/	/	<=30	Pass
		Inner_1RB_Left	23.03	/	/	23.99	/	/	<=30	Pass
		Inner_1RB_Right	23.22	/	/	24.18	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	19.51	/	/	20.47	/	/	<=30	Pass
		Edge_1RB_Right	19.94	/	/	20.9	/	/	<=30	Pass
		Outer_Full	22.79	/	/	23.75	/	/	<=30	Pass
		Inner_Full	23.34	/	/	24.3	/	/	<=30	Pass
		Inner_1RB_Left	22.85	/	/	23.81	/	/	<=30	Pass
		Inner_1RB_Right	23.3	/	/	24.26	/	/	<=30	Pass
DFT-s-OFDM QPSK	3725.01	Edge_1RB_Left	19.57	/	/	20.53	/	/	<=30	Pass
		Edge_1RB_Right	19.54	/	/	20.5	/	/	<=30	Pass
		Outer_Full	22.1	/	/	23.06	/	/	<=30	Pass
		Inner_Full	23.18	/	/	24.14	/	/	<=30	Pass
		Inner_1RB_Left	22.79	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Right	22.82	/	/	23.78	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.7	/	/	20.66	/	/	<=30	Pass
		Edge_1RB_Right	19.87	/	/	20.83	/	/	<=30	Pass
Outer_Full		22.25	/	/	23.21	/	/	<=30	Pass	

		Inner_Full	23.17	/	/	24.13	/	/	<=30	Pass
		Inner_1RB_Left	23.04	/	/	24	/	/	<=30	Pass
		Inner_1RB_Right	23.13	/	/	24.09	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	19.53	/	/	20.49	/	/	<=30	Pass
		Edge_1RB_Right	19.89	/	/	20.85	/	/	<=30	Pass
		Outer_Full	22.36	/	/	23.32	/	/	<=30	Pass
		Inner_Full	23.31	/	/	24.27	/	/	<=30	Pass
		Inner_1RB_Left	22.84	/	/	23.8	/	/	<=30	Pass
		Inner_1RB_Right	23.35	/	/	24.31	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3725.01	Edge_1RB_Left	19.34	/	/	20.3	/	/	<=30	Pass
		Edge_1RB_Right	19.29	/	/	20.25	/	/	<=30	Pass
		Outer_Full	21.22	/	/	22.18	/	/	<=30	Pass
		Inner_Full	22.21	/	/	23.17	/	/	<=30	Pass
		Inner_1RB_Left	21.67	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Right	21.74	/	/	22.7	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.61	/	/	20.57	/	/	<=30	Pass
		Edge_1RB_Right	19.63	/	/	20.59	/	/	<=30	Pass
		Outer_Full	21.25	/	/	22.21	/	/	<=30	Pass
		Inner_Full	22.14	/	/	23.1	/	/	<=30	Pass
		Inner_1RB_Left	21.85	/	/	22.81	/	/	<=30	Pass
		Inner_1RB_Right	21.98	/	/	22.94	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	19.3	/	/	20.26	/	/	<=30	Pass
		Edge_1RB_Right	19.76	/	/	20.72	/	/	<=30	Pass
		Outer_Full	21.31	/	/	22.27	/	/	<=30	Pass
		Inner_Full	22.34	/	/	23.3	/	/	<=30	Pass
		Inner_1RB_Left	21.7	/	/	22.66	/	/	<=30	Pass
		Inner_1RB_Right	22.03	/	/	22.99	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3725.01	Edge_1RB_Left	19.91	/	/	20.87	/	/	<=30	Pass
		Edge_1RB_Right	19.89	/	/	20.85	/	/	<=30	Pass
		Outer_Full	20.71	/	/	21.67	/	/	<=30	Pass
		Inner_Full	20.83	/	/	21.79	/	/	<=30	Pass
		Inner_1RB_Left	20.67	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Right	20.74	/	/	21.7	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.04	/	/	21	/	/	<=30	Pass
		Edge_1RB_Right	20.05	/	/	21.01	/	/	<=30	Pass
		Outer_Full	20.76	/	/	21.72	/	/	<=30	Pass
		Inner_Full	20.74	/	/	21.7	/	/	<=30	Pass
		Inner_1RB_Left	21	/	/	21.96	/	/	<=30	Pass
		Inner_1RB_Right	21.1	/	/	22.06	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	19.82	/	/	20.78	/	/	<=30	Pass
		Edge_1RB_Right	20.24	/	/	21.2	/	/	<=30	Pass
		Outer_Full	20.83	/	/	21.79	/	/	<=30	Pass
		Inner_Full	20.92	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Left	20.84	/	/	21.8	/	/	<=30	Pass
		Inner_1RB_Right	21.28	/	/	22.24	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3725.01	Edge_1RB_Left	18.61	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	18.61	/	/	19.57	/	/	<=30	Pass
		Outer_Full	18.8	/	/	19.76	/	/	<=30	Pass
		Inner_Full	18.87	/	/	19.83	/	/	<=30	Pass
		Inner_1RB_Left	18.59	/	/	19.55	/	/	<=30	Pass
		Inner_1RB_Right	18.63	/	/	19.59	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.77	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Right	18.85	/	/	19.81	/	/	<=30	Pass
		Outer_Full	18.88	/	/	19.84	/	/	<=30	Pass
		Inner_Full	18.77	/	/	19.73	/	/	<=30	Pass
		Inner_1RB_Left	18.76	/	/	19.72	/	/	<=30	Pass
		Inner_1RB_Right	18.9	/	/	19.86	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	18.6	/	/	19.56	/	/	<=30	Pass
		Edge_1RB_Right	18.96	/	/	19.92	/	/	<=30	Pass

		Outer_Full	18.92	/	/	19.88	/	/	<=30	Pass
		Inner_Full	18.97	/	/	19.93	/	/	<=30	Pass
		Inner_1RB_Left	18.55	/	/	19.51	/	/	<=30	Pass
		Inner_1RB_Right	18.96	/	/	19.92	/	/	<=30	Pass
CP-OFDM QPSK	3725.01	Edge_1RB_Left	19.47	/	/	20.43	/	/	<=30	Pass
		Edge_1RB_Right	19.54	/	/	20.5	/	/	<=30	Pass
		Outer_Full	20.18	/	/	21.14	/	/	<=30	Pass
		Inner_Full	21.72	/	/	22.68	/	/	<=30	Pass
		Inner_1RB_Left	21.46	/	/	22.42	/	/	<=30	Pass
		Inner_1RB_Right	21.47	/	/	22.43	/	/	<=30	Pass
		Edge_1RB_Left	19.63	/	/	20.59	/	/	<=30	Pass
		Edge_1RB_Right	19.86	/	/	20.82	/	/	<=30	Pass
	3750	Outer_Full	20.27	/	/	21.23	/	/	<=30	Pass
		Inner_Full	21.64	/	/	22.6	/	/	<=30	Pass
		Inner_1RB_Left	21.66	/	/	22.62	/	/	<=30	Pass
		Inner_1RB_Right	21.74	/	/	22.7	/	/	<=30	Pass
		Edge_1RB_Left	19.43	/	/	20.39	/	/	<=30	Pass
		Edge_1RB_Right	19.89	/	/	20.85	/	/	<=30	Pass
	3774.99	Outer_Full	20.29	/	/	21.25	/	/	<=30	Pass
		Inner_Full	21.82	/	/	22.78	/	/	<=30	Pass
		Inner_1RB_Left	21.5	/	/	22.46	/	/	<=30	Pass
		Inner_1RB_Right	21.8	/	/	22.76	/	/	<=30	Pass
CP-OFDM 16 QAM	3725.01	Edge_1RB_Left	19.3	/	/	20.26	/	/	<=30	Pass
		Edge_1RB_Right	19.4	/	/	20.36	/	/	<=30	Pass
		Outer_Full	20.18	/	/	21.14	/	/	<=30	Pass
		Inner_Full	21.26	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Left	20.91	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Right	20.8	/	/	21.76	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.66	/	/	20.62	/	/	<=30	Pass
		Edge_1RB_Right	19.64	/	/	20.6	/	/	<=30	Pass
		Outer_Full	20.28	/	/	21.24	/	/	<=30	Pass
		Inner_Full	21.18	/	/	22.14	/	/	<=30	Pass
		Inner_1RB_Left	21.05	/	/	22.01	/	/	<=30	Pass
		Inner_1RB_Right	21.14	/	/	22.1	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	19.34	/	/	20.3	/	/	<=30	Pass
		Edge_1RB_Right	19.69	/	/	20.65	/	/	<=30	Pass
		Outer_Full	20.32	/	/	21.28	/	/	<=30	Pass
		Inner_Full	21.42	/	/	22.38	/	/	<=30	Pass
		Inner_1RB_Left	20.73	/	/	21.69	/	/	<=30	Pass
		Inner_1RB_Right	21.14	/	/	22.1	/	/	<=30	Pass
CP-OFDM 64 QAM	3725.01	Edge_1RB_Left	19.8	/	/	20.76	/	/	<=30	Pass
		Edge_1RB_Right	19.86	/	/	20.82	/	/	<=30	Pass
		Outer_Full	19.72	/	/	20.68	/	/	<=30	Pass
		Inner_Full	19.84	/	/	20.8	/	/	<=30	Pass
		Inner_1RB_Left	19.79	/	/	20.75	/	/	<=30	Pass
		Inner_1RB_Right	19.76	/	/	20.72	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.01	/	/	20.97	/	/	<=30	Pass
		Edge_1RB_Right	20.04	/	/	21	/	/	<=30	Pass
		Outer_Full	19.77	/	/	20.73	/	/	<=30	Pass
		Inner_Full	19.74	/	/	20.7	/	/	<=30	Pass
		Inner_1RB_Left	19.99	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Right	20.09	/	/	21.05	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	19.72	/	/	20.68	/	/	<=30	Pass
		Edge_1RB_Right	20.19	/	/	21.15	/	/	<=30	Pass
		Outer_Full	19.81	/	/	20.77	/	/	<=30	Pass
		Inner_Full	19.94	/	/	20.9	/	/	<=30	Pass
		Inner_1RB_Left	19.86	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Right	20.1	/	/	21.06	/	/	<=30	Pass
CP-OFDM 256 QAM	3725.01	Edge_1RB_Left	16.75	/	/	17.71	/	/	<=30	Pass

		Edge 1RB Right	16.78	/	/	17.74	/	/	<=30	Pass	
		Outer Full	16.79	/	/	17.75	/	/	<=30	Pass	
		Inner Full	16.91	/	/	17.87	/	/	<=30	Pass	
		Inner 1RB Left	16.75	/	/	17.71	/	/	<=30	Pass	
		Inner 1RB Right	16.81	/	/	17.77	/	/	<=30	Pass	
	3750	Edge 1RB Left	16.86	/	/	17.82	/	/	<=30	Pass	
		Edge 1RB Right	16.99	/	/	17.95	/	/	<=30	Pass	
		Outer Full	16.85	/	/	17.81	/	/	<=30	Pass	
		Inner Full	16.85	/	/	17.81	/	/	<=30	Pass	
		Inner 1RB Left	16.89	/	/	17.85	/	/	<=30	Pass	
	3774.99	Inner 1RB Right	17.01	/	/	17.97	/	/	<=30	Pass	
		Edge 1RB Left	16.7	/	/	17.66	/	/	<=30	Pass	
		Edge 1RB Right	17.13	/	/	18.09	/	/	<=30	Pass	
		Outer Full	16.89	/	/	17.85	/	/	<=30	Pass	
		Inner Full	17.03	/	/	17.99	/	/	<=30	Pass	
		Inner 1RB Left	16.69	/	/	17.65	/	/	<=30	Pass	
		Inner 1RB Right	17.11	/	/	18.07	/	/	<=30	Pass	
	Note1: Antenna Gain: Ant11: 0.96dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 30k_SISO_60MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 60MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3730.02	Edge 1RB Left	19.53	/	/	20.49	/	/	<=30	Pass
		Edge 1RB Right	19.6	/	/	20.56	/	/	<=30	Pass
		Outer Full	22.54	/	/	23.5	/	/	<=30	Pass
		Inner Full	23.18	/	/	24.14	/	/	<=30	Pass
		Inner 1RB Left	22.79	/	/	23.75	/	/	<=30	Pass
		Inner 1RB Right	22.91	/	/	23.87	/	/	<=30	Pass
	3750	Edge 1RB Left	19.66	/	/	20.62	/	/	<=30	Pass
		Edge 1RB Right	19.84	/	/	20.8	/	/	<=30	Pass
		Outer Full	22.63	/	/	23.59	/	/	<=30	Pass
		Inner Full	23.02	/	/	23.98	/	/	<=30	Pass
		Inner 1RB Left	22.9	/	/	23.86	/	/	<=30	Pass
		Inner 1RB Right	23.14	/	/	24.1	/	/	<=30	Pass
	3769.98	Edge 1RB Left	19.5	/	/	20.46	/	/	<=30	Pass
		Edge 1RB Right	19.91	/	/	20.87	/	/	<=30	Pass
		Outer Full	22.62	/	/	23.58	/	/	<=30	Pass
		Inner Full	23.14	/	/	24.1	/	/	<=30	Pass
		Inner 1RB Left	22.87	/	/	23.83	/	/	<=30	Pass
		Inner 1RB Right	23.2	/	/	24.16	/	/	<=30	Pass
DFT-s-OFDM QPSK	3730.02	Edge 1RB Left	19.52	/	/	20.48	/	/	<=30	Pass
		Edge 1RB Right	19.57	/	/	20.53	/	/	<=30	Pass
		Outer Full	22.1	/	/	23.06	/	/	<=30	Pass
		Inner Full	23.1	/	/	24.06	/	/	<=30	Pass
		Inner 1RB Left	22.74	/	/	23.7	/	/	<=30	Pass
		Inner 1RB Right	22.86	/	/	23.82	/	/	<=30	Pass
	3750	Edge 1RB Left	19.58	/	/	20.54	/	/	<=30	Pass
		Edge 1RB Right	19.8	/	/	20.76	/	/	<=30	Pass
		Outer Full	22.11	/	/	23.07	/	/	<=30	Pass
		Inner Full	22.99	/	/	23.95	/	/	<=30	Pass
		Inner 1RB Left	22.87	/	/	23.83	/	/	<=30	Pass
		Inner 1RB Right	23.13	/	/	24.09	/	/	<=30	Pass
	3769.98	Edge 1RB Left	19.52	/	/	20.48	/	/	<=30	Pass
		Edge 1RB Right	19.93	/	/	20.89	/	/	<=30	Pass
		Outer Full	22.16	/	/	23.12	/	/	<=30	Pass

		Inner_Full	23.1	/	/	24.06	/	/	<=30	Pass
		Inner_1RB_Left	22.8	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Right	23.18	/	/	24.14	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3730.02	Edge_1RB_Left	19.3	/	/	20.26	/	/	<=30	Pass
		Edge_1RB_Right	19.45	/	/	20.41	/	/	<=30	Pass
		Outer_Full	21.1	/	/	22.06	/	/	<=30	Pass
		Inner_Full	22.15	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Left	21.64	/	/	22.6	/	/	<=30	Pass
		Inner_1RB_Right	21.65	/	/	22.61	/	/	<=30	Pass
		Edge_1RB_Left	19.4	/	/	20.36	/	/	<=30	Pass
		Edge_1RB_Right	19.69	/	/	20.65	/	/	<=30	Pass
	3750	Outer_Full	21.13	/	/	22.09	/	/	<=30	Pass
		Inner_Full	22.06	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Left	21.73	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Right	21.97	/	/	22.93	/	/	<=30	Pass
		Edge_1RB_Left	19.43	/	/	20.39	/	/	<=30	Pass
		Edge_1RB_Right	19.71	/	/	20.67	/	/	<=30	Pass
	3769.98	Outer_Full	21.15	/	/	22.11	/	/	<=30	Pass
		Inner_Full	22.14	/	/	23.1	/	/	<=30	Pass
		Inner_1RB_Left	21.6	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Right	22.08	/	/	23.04	/	/	<=30	Pass
		Edge_1RB_Left	19.82	/	/	20.78	/	/	<=30	Pass
		Edge_1RB_Right	19.81	/	/	20.77	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3730.02	Outer_Full	20.62	/	/	21.58	/	/	<=30	Pass
		Inner_Full	20.76	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Left	20.8	/	/	21.76	/	/	<=30	Pass
		Inner_1RB_Right	20.84	/	/	21.8	/	/	<=30	Pass
		Edge_1RB_Left	19.95	/	/	20.91	/	/	<=30	Pass
		Edge_1RB_Right	20.12	/	/	21.08	/	/	<=30	Pass
	3750	Outer_Full	20.69	/	/	21.65	/	/	<=30	Pass
		Inner_Full	20.68	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Left	20.86	/	/	21.82	/	/	<=30	Pass
		Inner_1RB_Right	21.07	/	/	22.03	/	/	<=30	Pass
		Edge_1RB_Left	19.92	/	/	20.88	/	/	<=30	Pass
		Edge_1RB_Right	20.26	/	/	21.22	/	/	<=30	Pass
	3769.98	Outer_Full	20.72	/	/	21.68	/	/	<=30	Pass
		Inner_Full	20.7	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Left	20.79	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Right	21.05	/	/	22.01	/	/	<=30	Pass
		Edge_1RB_Left	18.54	/	/	19.5	/	/	<=30	Pass
		Edge_1RB_Right	18.62	/	/	19.58	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3730.02	Outer_Full	18.69	/	/	19.65	/	/	<=30	Pass
		Inner_Full	18.79	/	/	19.75	/	/	<=30	Pass
		Inner_1RB_Left	18.56	/	/	19.52	/	/	<=30	Pass
		Inner_1RB_Right	18.62	/	/	19.58	/	/	<=30	Pass
		Edge_1RB_Left	18.67	/	/	19.63	/	/	<=30	Pass
		Edge_1RB_Right	18.93	/	/	19.89	/	/	<=30	Pass
	3750	Outer_Full	18.72	/	/	19.68	/	/	<=30	Pass
		Inner_Full	18.68	/	/	19.64	/	/	<=30	Pass
		Inner_1RB_Left	18.67	/	/	19.63	/	/	<=30	Pass
		Inner_1RB_Right	18.86	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Left	18.6	/	/	19.56	/	/	<=30	Pass
		Edge_1RB_Right	18.95	/	/	19.91	/	/	<=30	Pass
	3769.98	Outer_Full	18.76	/	/	19.72	/	/	<=30	Pass
		Inner_Full	18.76	/	/	19.72	/	/	<=30	Pass
		Inner_1RB_Left	18.61	/	/	19.57	/	/	<=30	Pass
		Inner_1RB_Right	18.98	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Left	19.61	/	/	20.57	/	/	<=30	Pass
		Edge_1RB_Right	19.67	/	/	20.63	/	/	<=30	Pass
CP-OFDM QPSK	3730.02	Edge_1RB_Left	19.61	/	/	20.57	/	/	<=30	Pass
		Edge_1RB_Right	19.67	/	/	20.63	/	/	<=30	Pass

		Outer_Full	20.12	/	/	21.08	/	/	<=30	Pass
		Inner_Full	21.69	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Left	21.27	/	/	22.23	/	/	<=30	Pass
		Inner_1RB_Right	21.42	/	/	22.38	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.66	/	/	20.62	/	/	<=30	Pass
		Edge_1RB_Right	19.91	/	/	20.87	/	/	<=30	Pass
		Outer_Full	20.17	/	/	21.13	/	/	<=30	Pass
		Inner_Full	21.55	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Left	21.47	/	/	22.43	/	/	<=30	Pass
		Inner_1RB_Right	21.67	/	/	22.63	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	19.5	/	/	20.46	/	/	<=30	Pass
		Edge_1RB_Right	20.05	/	/	21.01	/	/	<=30	Pass
		Outer_Full	20.2	/	/	21.16	/	/	<=30	Pass
		Inner_Full	21.63	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Left	21.41	/	/	22.37	/	/	<=30	Pass
		Inner_1RB_Right	21.76	/	/	22.72	/	/	<=30	Pass
CP-OFDM 16 QAM	3730.02	Edge_1RB_Left	19.47	/	/	20.43	/	/	<=30	Pass
		Edge_1RB_Right	19.51	/	/	20.47	/	/	<=30	Pass
		Outer_Full	20.08	/	/	21.04	/	/	<=30	Pass
		Inner_Full	21.17	/	/	22.13	/	/	<=30	Pass
		Inner_1RB_Left	20.77	/	/	21.73	/	/	<=30	Pass
		Inner_1RB_Right	20.8	/	/	21.76	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.47	/	/	20.43	/	/	<=30	Pass
		Edge_1RB_Right	19.65	/	/	20.61	/	/	<=30	Pass
		Outer_Full	20.14	/	/	21.1	/	/	<=30	Pass
		Inner_Full	21.02	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Left	20.85	/	/	21.81	/	/	<=30	Pass
		Inner_1RB_Right	20.99	/	/	21.95	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	19.41	/	/	20.37	/	/	<=30	Pass
		Edge_1RB_Right	19.75	/	/	20.71	/	/	<=30	Pass
		Outer_Full	20.18	/	/	21.14	/	/	<=30	Pass
		Inner_Full	21.1	/	/	22.06	/	/	<=30	Pass
		Inner_1RB_Left	20.67	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Right	21.11	/	/	22.07	/	/	<=30	Pass
CP-OFDM 64 QAM	3730.02	Edge_1RB_Left	19.79	/	/	20.75	/	/	<=30	Pass
		Edge_1RB_Right	19.79	/	/	20.75	/	/	<=30	Pass
		Outer_Full	19.62	/	/	20.58	/	/	<=30	Pass
		Inner_Full	19.77	/	/	20.73	/	/	<=30	Pass
		Inner_1RB_Left	19.72	/	/	20.68	/	/	<=30	Pass
		Inner_1RB_Right	19.71	/	/	20.67	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.82	/	/	20.78	/	/	<=30	Pass
		Edge_1RB_Right	20.09	/	/	21.05	/	/	<=30	Pass
		Outer_Full	19.64	/	/	20.6	/	/	<=30	Pass
		Inner_Full	19.65	/	/	20.61	/	/	<=30	Pass
		Inner_1RB_Left	19.92	/	/	20.88	/	/	<=30	Pass
		Inner_1RB_Right	19.98	/	/	20.94	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	19.75	/	/	20.71	/	/	<=30	Pass
		Edge_1RB_Right	20.11	/	/	21.07	/	/	<=30	Pass
		Outer_Full	19.68	/	/	20.64	/	/	<=30	Pass
		Inner_Full	19.74	/	/	20.7	/	/	<=30	Pass
		Inner_1RB_Left	19.78	/	/	20.74	/	/	<=30	Pass
		Inner_1RB_Right	20.08	/	/	21.04	/	/	<=30	Pass
CP-OFDM 256 QAM	3730.02	Edge_1RB_Left	16.71	/	/	17.67	/	/	<=30	Pass
		Edge_1RB_Right	16.74	/	/	17.7	/	/	<=30	Pass
		Outer_Full	16.75	/	/	17.71	/	/	<=30	Pass
		Inner_Full	16.8	/	/	17.76	/	/	<=30	Pass
		Inner_1RB_Left	16.69	/	/	17.65	/	/	<=30	Pass
		Inner_1RB_Right	16.74	/	/	17.7	/	/	<=30	Pass
	3750	Edge_1RB_Left	16.81	/	/	17.77	/	/	<=30	Pass

		Edge 1RB Right	17.09	/	/	18.05	/	/	<=30	Pass
		Outer_Full	16.78	/	/	17.74	/	/	<=30	Pass
		Inner_Full	16.67	/	/	17.63	/	/	<=30	Pass
		Inner 1RB Left	16.86	/	/	17.82	/	/	<=30	Pass
		Inner 1RB Right	17.07	/	/	18.03	/	/	<=30	Pass
	3769.98	Edge 1RB Left	16.76	/	/	17.72	/	/	<=30	Pass
		Edge 1RB Right	17.13	/	/	18.09	/	/	<=30	Pass
		Outer_Full	16.83	/	/	17.79	/	/	<=30	Pass
		Inner_Full	16.77	/	/	17.73	/	/	<=30	Pass
		Inner 1RB Left	16.78	/	/	17.74	/	/	<=30	Pass
		Inner 1RB Right	17.13	/	/	18.09	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 0.96dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30k_SISO_70MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 70MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3735	Edge 1RB Left	19.59	/	/	20.55	/	/	<=30	Pass
		Edge 1RB Right	19.7	/	/	20.66	/	/	<=30	Pass
		Outer_Full	22.55	/	/	23.51	/	/	<=30	Pass
		Inner_Full	23.02	/	/	23.98	/	/	<=30	Pass
		Inner 1RB Left	22.88	/	/	23.84	/	/	<=30	Pass
		Inner 1RB Right	23	/	/	23.96	/	/	<=30	Pass
	3750	Edge 1RB Left	19.62	/	/	20.58	/	/	<=30	Pass
		Edge 1RB Right	20.01	/	/	20.97	/	/	<=30	Pass
		Outer_Full	22.68	/	/	23.64	/	/	<=30	Pass
		Inner_Full	23.06	/	/	24.02	/	/	<=30	Pass
		Inner 1RB Left	22.88	/	/	23.84	/	/	<=30	Pass
		Inner 1RB Right	23.32	/	/	24.28	/	/	<=30	Pass
	3765	Edge 1RB Left	19.8	/	/	20.76	/	/	<=30	Pass
		Edge 1RB Right	19.86	/	/	20.82	/	/	<=30	Pass
		Outer_Full	22.61	/	/	23.57	/	/	<=30	Pass
		Inner_Full	23.01	/	/	23.97	/	/	<=30	Pass
		Inner 1RB Left	22.97	/	/	23.93	/	/	<=30	Pass
		Inner 1RB Right	23.23	/	/	24.19	/	/	<=30	Pass
DFT-s-OFDM QPSK	3735	Edge 1RB Left	19.59	/	/	20.55	/	/	<=30	Pass
		Edge 1RB Right	19.69	/	/	20.65	/	/	<=30	Pass
		Outer_Full	21.96	/	/	22.92	/	/	<=30	Pass
		Inner_Full	23.05	/	/	24.01	/	/	<=30	Pass
		Inner 1RB Left	22.85	/	/	23.81	/	/	<=30	Pass
		Inner 1RB Right	23.03	/	/	23.99	/	/	<=30	Pass
	3750	Edge 1RB Left	19.61	/	/	20.57	/	/	<=30	Pass
		Edge 1RB Right	19.98	/	/	20.94	/	/	<=30	Pass
		Outer_Full	22.25	/	/	23.21	/	/	<=30	Pass
		Inner_Full	23.08	/	/	24.04	/	/	<=30	Pass
		Inner 1RB Left	22.87	/	/	23.83	/	/	<=30	Pass
		Inner 1RB Right	23.35	/	/	24.31	/	/	<=30	Pass
	3765	Edge 1RB Left	19.71	/	/	20.67	/	/	<=30	Pass
		Edge 1RB Right	19.87	/	/	20.83	/	/	<=30	Pass
		Outer_Full	22.2	/	/	23.16	/	/	<=30	Pass
		Inner_Full	22.99	/	/	23.95	/	/	<=30	Pass
		Inner 1RB Left	22.97	/	/	23.93	/	/	<=30	Pass
		Inner 1RB Right	23.26	/	/	24.22	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3735	Edge 1RB Left	19.3	/	/	20.26	/	/	<=30	Pass
		Edge 1RB Right	19.44	/	/	20.4	/	/	<=30	Pass
		Outer_Full	21.13	/	/	22.09	/	/	<=30	Pass

		Inner_Full	22.02	/	/	22.98	/	/	<=30	Pass
		Inner_1RB_Left	21.65	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Right	21.73	/	/	22.69	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.48	/	/	20.44	/	/	<=30	Pass
		Edge_1RB_Right	19.78	/	/	20.74	/	/	<=30	Pass
		Outer_Full	21.25	/	/	22.21	/	/	<=30	Pass
		Inner_Full	22.13	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Left	21.78	/	/	22.74	/	/	<=30	Pass
		Inner_1RB_Right	22.07	/	/	23.03	/	/	<=30	Pass
	3765	Edge_1RB_Left	19.55	/	/	20.51	/	/	<=30	Pass
		Edge_1RB_Right	19.58	/	/	20.54	/	/	<=30	Pass
		Outer_Full	21.2	/	/	22.16	/	/	<=30	Pass
		Inner_Full	21.99	/	/	22.95	/	/	<=30	Pass
		Inner_1RB_Left	21.88	/	/	22.84	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3735	Inner_1RB_Right	22.13	/	/	23.09	/	/	<=30	Pass
		Edge_1RB_Left	19.94	/	/	20.9	/	/	<=30	Pass
		Edge_1RB_Right	19.97	/	/	20.93	/	/	<=30	Pass
		Outer_Full	20.64	/	/	21.6	/	/	<=30	Pass
		Inner_Full	20.72	/	/	21.68	/	/	<=30	Pass
	3750	Inner_1RB_Left	20.73	/	/	21.69	/	/	<=30	Pass
		Inner_1RB_Right	20.95	/	/	21.91	/	/	<=30	Pass
		Edge_1RB_Left	20.04	/	/	21	/	/	<=30	Pass
		Edge_1RB_Right	20.27	/	/	21.23	/	/	<=30	Pass
		Outer_Full	20.76	/	/	21.72	/	/	<=30	Pass
	3765	Inner_Full	20.76	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Left	20.82	/	/	21.78	/	/	<=30	Pass
		Inner_1RB_Right	21.22	/	/	22.18	/	/	<=30	Pass
		Edge_1RB_Left	20.14	/	/	21.1	/	/	<=30	Pass
		Edge_1RB_Right	20.2	/	/	21.16	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3735	Outer_Full	20.7	/	/	21.66	/	/	<=30	Pass
		Inner_Full	20.6	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Left	20.89	/	/	21.85	/	/	<=30	Pass
		Inner_1RB_Right	20.99	/	/	21.95	/	/	<=30	Pass
		Edge_1RB_Left	18.63	/	/	19.59	/	/	<=30	Pass
	3750	Edge_1RB_Right	18.77	/	/	19.73	/	/	<=30	Pass
		Outer_Full	18.7	/	/	19.66	/	/	<=30	Pass
		Inner_Full	18.81	/	/	19.77	/	/	<=30	Pass
		Inner_1RB_Left	18.66	/	/	19.62	/	/	<=30	Pass
		Inner_1RB_Right	18.72	/	/	19.68	/	/	<=30	Pass
	3765	Edge_1RB_Left	18.72	/	/	19.68	/	/	<=30	Pass
		Edge_1RB_Right	19.02	/	/	19.98	/	/	<=30	Pass
		Outer_Full	18.84	/	/	19.8	/	/	<=30	Pass
		Inner_Full	18.79	/	/	19.75	/	/	<=30	Pass
		Inner_1RB_Left	18.71	/	/	19.67	/	/	<=30	Pass
CP-OFDM QPSK	3735	Inner_1RB_Right	19	/	/	19.96	/	/	<=30	Pass
		Edge_1RB_Left	18.82	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	18.93	/	/	19.89	/	/	<=30	Pass
		Outer_Full	18.78	/	/	19.74	/	/	<=30	Pass
		Inner_Full	18.71	/	/	19.67	/	/	<=30	Pass
	3750	Inner_1RB_Left	18.79	/	/	19.75	/	/	<=30	Pass
		Inner_1RB_Right	18.9	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Left	19.77	/	/	20.73	/	/	<=30	Pass
		Edge_1RB_Right	19.89	/	/	20.85	/	/	<=30	Pass
		Outer_Full	20.13	/	/	21.09	/	/	<=30	Pass
	3765	Inner_Full	21.57	/	/	22.53	/	/	<=30	Pass
		Inner_1RB_Left	21.49	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Right	21.72	/	/	22.68	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.68	/	/	20.64	/	/	<=30	Pass
		Edge_1RB_Right	20.01	/	/	20.97	/	/	<=30	Pass

		Outer_Full	20.31	/	/	21.27	/	/	<=30	Pass
		Inner_Full	21.59	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Left	21.55	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Right	21.85	/	/	22.81	/	/	<=30	Pass
	3765	Edge_1RB_Left	19.53	/	/	20.49	/	/	<=30	Pass
		Edge_1RB_Right	19.64	/	/	20.6	/	/	<=30	Pass
		Outer_Full	20.21	/	/	21.17	/	/	<=30	Pass
		Inner_Full	21.56	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Left	21.61	/	/	22.57	/	/	<=30	Pass
		Inner_1RB_Right	21.78	/	/	22.74	/	/	<=30	Pass
CP-OFDM 16 QAM	3735	Edge_1RB_Left	19.5	/	/	20.46	/	/	<=30	Pass
		Edge_1RB_Right	19.63	/	/	20.59	/	/	<=30	Pass
		Outer_Full	20.13	/	/	21.09	/	/	<=30	Pass
		Inner_Full	21.19	/	/	22.15	/	/	<=30	Pass
		Inner_1RB_Left	20.82	/	/	21.78	/	/	<=30	Pass
		Inner_1RB_Right	20.95	/	/	21.91	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.52	/	/	20.48	/	/	<=30	Pass
		Edge_1RB_Right	19.89	/	/	20.85	/	/	<=30	Pass
		Outer_Full	20.3	/	/	21.26	/	/	<=30	Pass
		Inner_Full	21.15	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Left	20.89	/	/	21.85	/	/	<=30	Pass
		Inner_1RB_Right	21.24	/	/	22.2	/	/	<=30	Pass
	3765	Edge_1RB_Left	19.67	/	/	20.63	/	/	<=30	Pass
		Edge_1RB_Right	19.8	/	/	20.76	/	/	<=30	Pass
		Outer_Full	20.23	/	/	21.19	/	/	<=30	Pass
		Inner_Full	21.08	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Left	20.92	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Right	21.07	/	/	22.03	/	/	<=30	Pass
CP-OFDM 64 QAM	3735	Edge_1RB_Left	19.81	/	/	20.77	/	/	<=30	Pass
		Edge_1RB_Right	19.96	/	/	20.92	/	/	<=30	Pass
		Outer_Full	19.66	/	/	20.62	/	/	<=30	Pass
		Inner_Full	19.74	/	/	20.7	/	/	<=30	Pass
		Inner_1RB_Left	19.85	/	/	20.81	/	/	<=30	Pass
		Inner_1RB_Right	19.96	/	/	20.92	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.87	/	/	20.83	/	/	<=30	Pass
		Edge_1RB_Right	20.24	/	/	21.2	/	/	<=30	Pass
		Outer_Full	19.79	/	/	20.75	/	/	<=30	Pass
		Inner_Full	19.71	/	/	20.67	/	/	<=30	Pass
		Inner_1RB_Left	19.9	/	/	20.86	/	/	<=30	Pass
		Inner_1RB_Right	20.17	/	/	21.13	/	/	<=30	Pass
	3765	Edge_1RB_Left	19.93	/	/	20.89	/	/	<=30	Pass
		Edge_1RB_Right	20.02	/	/	20.98	/	/	<=30	Pass
		Outer_Full	19.73	/	/	20.69	/	/	<=30	Pass
		Inner_Full	19.6	/	/	20.56	/	/	<=30	Pass
		Inner_1RB_Left	19.95	/	/	20.91	/	/	<=30	Pass
		Inner_1RB_Right	20.08	/	/	21.04	/	/	<=30	Pass
CP-OFDM 256 QAM	3735	Edge_1RB_Left	16.8	/	/	17.76	/	/	<=30	Pass
		Edge_1RB_Right	16.94	/	/	17.9	/	/	<=30	Pass
		Outer_Full	16.79	/	/	17.75	/	/	<=30	Pass
		Inner_Full	16.83	/	/	17.79	/	/	<=30	Pass
		Inner_1RB_Left	16.8	/	/	17.76	/	/	<=30	Pass
		Inner_1RB_Right	16.91	/	/	17.87	/	/	<=30	Pass
	3750	Edge_1RB_Left	16.84	/	/	17.8	/	/	<=30	Pass
		Edge_1RB_Right	17.19	/	/	18.15	/	/	<=30	Pass
		Outer_Full	16.87	/	/	17.83	/	/	<=30	Pass
		Inner_Full	16.81	/	/	17.77	/	/	<=30	Pass
		Inner_1RB_Left	16.88	/	/	17.84	/	/	<=30	Pass
		Inner_1RB_Right	17.19	/	/	18.15	/	/	<=30	Pass
	3765	Edge_1RB_Left	16.93	/	/	17.89	/	/	<=30	Pass

		Edge 1RB Right	17.07	/	/	18.03	/	/	<=30	Pass
		Outer Full	16.82	/	/	17.78	/	/	<=30	Pass
		Inner Full	16.75	/	/	17.71	/	/	<=30	Pass
		Inner 1RB Left	16.98	/	/	17.94	/	/	<=30	Pass
		Inner 1RB Right	17.09	/	/	18.05	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 0.96dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.10 30k_SISO_80MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3740.01	Edge 1RB Left	19.61	/	/	20.57	/	/	<=30	Pass
		Edge 1RB Right	19.85	/	/	20.81	/	/	<=30	Pass
		Outer Full	22.62	/	/	23.58	/	/	<=30	Pass
		Inner Full	23.15	/	/	24.11	/	/	<=30	Pass
		Inner 1RB Left	22.87	/	/	23.83	/	/	<=30	Pass
		Inner 1RB Right	23.26	/	/	24.22	/	/	<=30	Pass
	3750	Edge 1RB Left	19.5	/	/	20.46	/	/	<=30	Pass
		Edge 1RB Right	19.94	/	/	20.9	/	/	<=30	Pass
		Outer Full	22.7	/	/	23.66	/	/	<=30	Pass
		Inner Full	23.1	/	/	24.06	/	/	<=30	Pass
		Inner 1RB Left	22.84	/	/	23.8	/	/	<=30	Pass
		Inner 1RB Right	23.31	/	/	24.27	/	/	<=30	Pass
	3759.99	Edge 1RB Left	19.67	/	/	20.63	/	/	<=30	Pass
		Edge 1RB Right	19.95	/	/	20.91	/	/	<=30	Pass
		Outer Full	22.69	/	/	23.65	/	/	<=30	Pass
		Inner Full	23.07	/	/	24.03	/	/	<=30	Pass
		Inner 1RB Left	22.96	/	/	23.92	/	/	<=30	Pass
		Inner 1RB Right	23.34	/	/	24.3	/	/	<=30	Pass
DFT-s-OFDM QPSK	3740.01	Edge 1RB Left	19.57	/	/	20.53	/	/	<=30	Pass
		Edge 1RB Right	19.85	/	/	20.81	/	/	<=30	Pass
		Outer Full	22.13	/	/	23.09	/	/	<=30	Pass
		Inner Full	23.08	/	/	24.04	/	/	<=30	Pass
		Inner 1RB Left	22.82	/	/	23.78	/	/	<=30	Pass
		Inner 1RB Right	23.24	/	/	24.2	/	/	<=30	Pass
	3750	Edge 1RB Left	19.49	/	/	20.45	/	/	<=30	Pass
		Edge 1RB Right	20.01	/	/	20.97	/	/	<=30	Pass
		Outer Full	22.14	/	/	23.1	/	/	<=30	Pass
		Inner Full	23.07	/	/	24.03	/	/	<=30	Pass
		Inner 1RB Left	22.82	/	/	23.78	/	/	<=30	Pass
		Inner 1RB Right	23.39	/	/	24.35	/	/	<=30	Pass
	3759.99	Edge 1RB Left	19.71	/	/	20.67	/	/	<=30	Pass
		Edge 1RB Right	19.85	/	/	20.81	/	/	<=30	Pass
		Outer Full	22.16	/	/	23.12	/	/	<=30	Pass
		Inner Full	23.04	/	/	24	/	/	<=30	Pass
		Inner 1RB Left	22.96	/	/	23.92	/	/	<=30	Pass
		Inner 1RB Right	23.3	/	/	24.26	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3740.01	Edge 1RB Left	19.48	/	/	20.44	/	/	<=30	Pass
		Edge 1RB Right	19.79	/	/	20.75	/	/	<=30	Pass
		Outer Full	21.17	/	/	22.13	/	/	<=30	Pass
		Inner Full	22.13	/	/	23.09	/	/	<=30	Pass
		Inner 1RB Left	21.97	/	/	22.93	/	/	<=30	Pass
		Inner 1RB Right	22.12	/	/	23.08	/	/	<=30	Pass
	3750	Edge 1RB Left	19.43	/	/	20.39	/	/	<=30	Pass
		Edge 1RB Right	19.83	/	/	20.79	/	/	<=30	Pass
		Outer Full	21.23	/	/	22.19	/	/	<=30	Pass

		Inner_Full	22.1	/	/	23.06	/	/	<=30	Pass
		Inner_1RB_Left	21.75	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Right	22.24	/	/	23.2	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	19.52	/	/	20.48	/	/	<=30	Pass
		Edge_1RB_Right	19.73	/	/	20.69	/	/	<=30	Pass
		Outer_Full	21.22	/	/	22.18	/	/	<=30	Pass
		Inner_Full	22.07	/	/	23.03	/	/	<=30	Pass
		Inner_1RB_Left	21.84	/	/	22.8	/	/	<=30	Pass
		Inner_1RB_Right	22.18	/	/	23.14	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3740.01	Edge_1RB_Left	19.91	/	/	20.87	/	/	<=30	Pass
		Edge_1RB_Right	20.17	/	/	21.13	/	/	<=30	Pass
		Outer_Full	20.69	/	/	21.65	/	/	<=30	Pass
		Inner_Full	20.77	/	/	21.73	/	/	<=30	Pass
		Inner_1RB_Left	20.83	/	/	21.79	/	/	<=30	Pass
		Inner_1RB_Right	21.1	/	/	22.06	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.76	/	/	20.72	/	/	<=30	Pass
		Edge_1RB_Right	20.27	/	/	21.23	/	/	<=30	Pass
		Outer_Full	20.74	/	/	21.7	/	/	<=30	Pass
		Inner_Full	20.71	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Left	20.77	/	/	21.73	/	/	<=30	Pass
		Inner_1RB_Right	21.16	/	/	22.12	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	20.09	/	/	21.05	/	/	<=30	Pass
		Edge_1RB_Right	20.17	/	/	21.13	/	/	<=30	Pass
		Outer_Full	20.73	/	/	21.69	/	/	<=30	Pass
		Inner_Full	20.69	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Left	21	/	/	21.96	/	/	<=30	Pass
		Inner_1RB_Right	21.15	/	/	22.11	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3740.01	Edge_1RB_Left	18.64	/	/	19.6	/	/	<=30	Pass
		Edge_1RB_Right	18.93	/	/	19.89	/	/	<=30	Pass
		Outer_Full	18.77	/	/	19.73	/	/	<=30	Pass
		Inner_Full	18.81	/	/	19.77	/	/	<=30	Pass
		Inner_1RB_Left	18.63	/	/	19.59	/	/	<=30	Pass
		Inner_1RB_Right	18.93	/	/	19.89	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.61	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	19	/	/	19.96	/	/	<=30	Pass
		Outer_Full	18.82	/	/	19.78	/	/	<=30	Pass
		Inner_Full	18.76	/	/	19.72	/	/	<=30	Pass
		Inner_1RB_Left	18.58	/	/	19.54	/	/	<=30	Pass
		Inner_1RB_Right	19.07	/	/	20.03	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	18.73	/	/	19.69	/	/	<=30	Pass
		Edge_1RB_Right	19.01	/	/	19.97	/	/	<=30	Pass
		Outer_Full	18.83	/	/	19.79	/	/	<=30	Pass
		Inner_Full	18.79	/	/	19.75	/	/	<=30	Pass
		Inner_1RB_Left	18.73	/	/	19.69	/	/	<=30	Pass
		Inner_1RB_Right	18.99	/	/	19.95	/	/	<=30	Pass
CP-OFDM QPSK	3740.01	Edge_1RB_Left	19.49	/	/	20.45	/	/	<=30	Pass
		Edge_1RB_Right	19.71	/	/	20.67	/	/	<=30	Pass
		Outer_Full	20.19	/	/	21.15	/	/	<=30	Pass
		Inner_Full	21.57	/	/	22.53	/	/	<=30	Pass
		Inner_1RB_Left	21.31	/	/	22.27	/	/	<=30	Pass
		Inner_1RB_Right	21.58	/	/	22.54	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.61	/	/	20.57	/	/	<=30	Pass
		Edge_1RB_Right	20.12	/	/	21.08	/	/	<=30	Pass
		Outer_Full	20.24	/	/	21.2	/	/	<=30	Pass
		Inner_Full	21.58	/	/	22.54	/	/	<=30	Pass
		Inner_1RB_Left	21.62	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Right	21.93	/	/	22.89	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	19.69	/	/	20.65	/	/	<=30	Pass
		Edge_1RB_Right	19.89	/	/	20.85	/	/	<=30	Pass

Note2: EIRP=Conducted Power+Antenna Gain

1.1.11 30k_SISO_90MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3745.02	Edge_1RB_Left	19.54	/	/	20.5	/	/	<=30	Pass
		Edge_1RB_Right	19.9	/	/	20.86	/	/	<=30	Pass
		Outer_Full	22.6	/	/	23.56	/	/	<=30	Pass
		Inner_Full	22.99	/	/	23.95	/	/	<=30	Pass
		Inner_1RB_Left	22.85	/	/	23.81	/	/	<=30	Pass
		Inner_1RB_Right	23.37	/	/	24.33	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.5	/	/	20.46	/	/	<=30	Pass
		Edge_1RB_Right	19.94	/	/	20.9	/	/	<=30	Pass
		Outer_Full	22.74	/	/	23.7	/	/	<=30	Pass
		Inner_Full	23.1	/	/	24.06	/	/	<=30	Pass
		Inner_1RB_Left	22.79	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Right	23.35	/	/	24.31	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	19.56	/	/	20.52	/	/	<=30	Pass
		Edge_1RB_Right	19.92	/	/	20.88	/	/	<=30	Pass
		Outer_Full	22.81	/	/	23.77	/	/	<=30	Pass
		Inner_Full	23.2	/	/	24.16	/	/	<=30	Pass
		Inner_1RB_Left	22.85	/	/	23.81	/	/	<=30	Pass
DFT-s-OFDM QPSK	3745.02	Inner_1RB_Right	23.36	/	/	24.32	/	/	<=30	Pass
		Edge_1RB_Left	19.57	/	/	20.53	/	/	<=30	Pass
		Edge_1RB_Right	19.96	/	/	20.92	/	/	<=30	Pass
		Outer_Full	22.13	/	/	23.09	/	/	<=30	Pass
		Inner_Full	23.05	/	/	24.01	/	/	<=30	Pass
		Inner_1RB_Left	22.84	/	/	23.8	/	/	<=30	Pass
	3750	Inner_1RB_Right	23.4	/	/	24.36	/	/	<=30	Pass
		Edge_1RB_Left	19.48	/	/	20.44	/	/	<=30	Pass
		Edge_1RB_Right	19.87	/	/	20.83	/	/	<=30	Pass
		Outer_Full	22.2	/	/	23.16	/	/	<=30	Pass
		Inner_Full	23.12	/	/	24.08	/	/	<=30	Pass
	3754.98	Inner_1RB_Left	22.78	/	/	23.74	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	24.28	/	/	<=30	Pass
		Edge_1RB_Left	19.55	/	/	20.51	/	/	<=30	Pass
		Edge_1RB_Right	19.89	/	/	20.85	/	/	<=30	Pass
		Outer_Full	22.24	/	/	23.2	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3745.02	Inner_Full	23.16	/	/	24.12	/	/	<=30	Pass
		Inner_1RB_Left	22.88	/	/	23.84	/	/	<=30	Pass
		Inner_1RB_Right	23.35	/	/	24.31	/	/	<=30	Pass
		Edge_1RB_Left	19.44	/	/	20.4	/	/	<=30	Pass
		Edge_1RB_Right	19.67	/	/	20.63	/	/	<=30	Pass
		Outer_Full	21.13	/	/	22.09	/	/	<=30	Pass
	3750	Inner_Full	22.02	/	/	22.98	/	/	<=30	Pass
		Inner_1RB_Left	21.96	/	/	22.92	/	/	<=30	Pass
		Inner_1RB_Right	22.32	/	/	23.28	/	/	<=30	Pass
		Edge_1RB_Left	19.41	/	/	20.37	/	/	<=30	Pass
		Edge_1RB_Right	19.76	/	/	20.72	/	/	<=30	Pass
		Outer_Full	21.25	/	/	22.21	/	/	<=30	Pass
	3754.98	Inner_Full	22.12	/	/	23.08	/	/	<=30	Pass
		Inner_1RB_Left	21.77	/	/	22.73	/	/	<=30	Pass
		Inner_1RB_Right	22.37	/	/	23.33	/	/	<=30	Pass
		Edge_1RB_Left	19.46	/	/	20.42	/	/	<=30	Pass
		Edge_1RB_Right	19.74	/	/	20.7	/	/	<=30	Pass

		Outer_Full	21.3	/	/	22.26	/	/	<=30	Pass
		Inner_Full	22.17	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Left	21.83	/	/	22.79	/	/	<=30	Pass
		Inner_1RB_Right	22.38	/	/	23.34	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3745.02	Edge_1RB_Left	19.97	/	/	20.93	/	/	<=30	Pass
		Edge_1RB_Right	20.3	/	/	21.26	/	/	<=30	Pass
		Outer_Full	20.67	/	/	21.63	/	/	<=30	Pass
		Inner_Full	20.69	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Left	20.86	/	/	21.82	/	/	<=30	Pass
		Inner_1RB_Right	21.29	/	/	22.25	/	/	<=30	Pass
		Edge_1RB_Left	19.85	/	/	20.81	/	/	<=30	Pass
		Edge_1RB_Right	20.26	/	/	21.22	/	/	<=30	Pass
	3750	Outer_Full	20.8	/	/	21.76	/	/	<=30	Pass
		Inner_Full	20.76	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Left	20.83	/	/	21.79	/	/	<=30	Pass
		Inner_1RB_Right	21.26	/	/	22.22	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	19.94	/	/	20.9	/	/	<=30	Pass
		Edge_1RB_Right	20.26	/	/	21.22	/	/	<=30	Pass
		Outer_Full	20.87	/	/	21.83	/	/	<=30	Pass
		Inner_Full	20.85	/	/	21.81	/	/	<=30	Pass
		Inner_1RB_Left	20.85	/	/	21.81	/	/	<=30	Pass
		Inner_1RB_Right	21.26	/	/	22.22	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3745.02	Edge_1RB_Left	18.61	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	19.03	/	/	19.99	/	/	<=30	Pass
		Outer_Full	18.75	/	/	19.71	/	/	<=30	Pass
		Inner_Full	18.79	/	/	19.75	/	/	<=30	Pass
		Inner_1RB_Left	18.6	/	/	19.56	/	/	<=30	Pass
		Inner_1RB_Right	19.02	/	/	19.98	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.59	/	/	19.55	/	/	<=30	Pass
		Edge_1RB_Right	19.03	/	/	19.99	/	/	<=30	Pass
		Outer_Full	18.86	/	/	19.82	/	/	<=30	Pass
		Inner_Full	18.83	/	/	19.79	/	/	<=30	Pass
		Inner_1RB_Left	18.6	/	/	19.56	/	/	<=30	Pass
		Inner_1RB_Right	19.06	/	/	20.02	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	18.68	/	/	19.64	/	/	<=30	Pass
		Edge_1RB_Right	19.01	/	/	19.97	/	/	<=30	Pass
		Outer_Full	18.93	/	/	19.89	/	/	<=30	Pass
		Inner_Full	18.93	/	/	19.89	/	/	<=30	Pass
		Inner_1RB_Left	18.65	/	/	19.61	/	/	<=30	Pass
		Inner_1RB_Right	19.03	/	/	19.99	/	/	<=30	Pass
CP-OFDM QPSK	3745.02	Edge_1RB_Left	19.63	/	/	20.59	/	/	<=30	Pass
		Edge_1RB_Right	20.15	/	/	21.11	/	/	<=30	Pass
		Outer_Full	20.13	/	/	21.09	/	/	<=30	Pass
		Inner_Full	21.52	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Left	21.66	/	/	22.62	/	/	<=30	Pass
		Inner_1RB_Right	21.91	/	/	22.87	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.38	/	/	20.34	/	/	<=30	Pass
		Edge_1RB_Right	19.8	/	/	20.76	/	/	<=30	Pass
		Outer_Full	20.29	/	/	21.25	/	/	<=30	Pass
		Inner_Full	21.56	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Left	21.43	/	/	22.39	/	/	<=30	Pass
		Inner_1RB_Right	21.87	/	/	22.83	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	19.47	/	/	20.43	/	/	<=30	Pass
		Edge_1RB_Right	19.81	/	/	20.77	/	/	<=30	Pass
		Outer_Full	20.34	/	/	21.3	/	/	<=30	Pass
		Inner_Full	21.68	/	/	22.64	/	/	<=30	Pass
		Inner_1RB_Left	21.42	/	/	22.38	/	/	<=30	Pass
		Inner_1RB_Right	21.82	/	/	22.78	/	/	<=30	Pass
CP-OFDM 16 QAM	3745.02	Edge_1RB_Left	19.42	/	/	20.38	/	/	<=30	Pass

		Edge 1RB Right	19.72	/	/	20.68	/	/	<=30	Pass		
		Outer Full	20.14	/	/	21.1	/	/	<=30	Pass		
		Inner Full	21.11	/	/	22.07	/	/	<=30	Pass		
		Inner 1RB Left	20.76	/	/	21.72	/	/	<=30	Pass		
		Inner 1RB Right	21.26	/	/	22.22	/	/	<=30	Pass		
	3750	Edge 1RB Left	19.38	/	/	20.34	/	/	<=30	Pass		
		Edge 1RB Right	19.92	/	/	20.88	/	/	<=30	Pass		
		Outer Full	20.24	/	/	21.2	/	/	<=30	Pass		
		Inner Full	21.22	/	/	22.18	/	/	<=30	Pass		
		Inner 1RB Left	20.91	/	/	21.87	/	/	<=30	Pass		
	3754.98	Inner 1RB Right	21.35	/	/	22.31	/	/	<=30	Pass		
		Edge 1RB Left	19.53	/	/	20.49	/	/	<=30	Pass		
		Edge 1RB Right	19.8	/	/	20.76	/	/	<=30	Pass		
		Outer Full	20.34	/	/	21.3	/	/	<=30	Pass		
		Inner Full	21.3	/	/	22.26	/	/	<=30	Pass		
CP-OFDM 64 QAM	3745.02	Inner 1RB Left	20.84	/	/	21.8	/	/	<=30	Pass		
		Inner 1RB Right	21.3	/	/	22.26	/	/	<=30	Pass		
		Edge 1RB Left	19.83	/	/	20.79	/	/	<=30	Pass		
		Edge 1RB Right	20.22	/	/	21.18	/	/	<=30	Pass		
		Outer Full	19.71	/	/	20.67	/	/	<=30	Pass		
	3750	Inner Full	19.69	/	/	20.65	/	/	<=30	Pass		
		Inner 1RB Left	19.83	/	/	20.79	/	/	<=30	Pass		
		Inner 1RB Right	20.16	/	/	21.12	/	/	<=30	Pass		
		Edge 1RB Left	19.91	/	/	20.87	/	/	<=30	Pass		
		Edge 1RB Right	20.18	/	/	21.14	/	/	<=30	Pass		
	3754.98	Outer Full	19.79	/	/	20.75	/	/	<=30	Pass		
		Inner Full	19.74	/	/	20.7	/	/	<=30	Pass		
		Inner 1RB Left	19.78	/	/	20.74	/	/	<=30	Pass		
		Inner 1RB Right	20.24	/	/	21.2	/	/	<=30	Pass		
		Edge 1RB Left	19.78	/	/	20.74	/	/	<=30	Pass		
CP-OFDM 256 QAM	3745.02	Edge 1RB Right	20.23	/	/	21.19	/	/	<=30	Pass		
		Outer Full	19.87	/	/	20.83	/	/	<=30	Pass		
		Inner Full	19.81	/	/	20.77	/	/	<=30	Pass		
		Inner 1RB Left	19.89	/	/	20.85	/	/	<=30	Pass		
		Inner 1RB Right	20.21	/	/	21.17	/	/	<=30	Pass		
	3750	Edge 1RB Left	16.78	/	/	17.74	/	/	<=30	Pass		
		Edge 1RB Right	17.16	/	/	18.12	/	/	<=30	Pass		
		Outer Full	16.83	/	/	17.79	/	/	<=30	Pass		
		Inner Full	16.76	/	/	17.72	/	/	<=30	Pass		
		Inner 1RB Left	16.79	/	/	17.75	/	/	<=30	Pass		
	3754.98	Inner 1RB Right	17.18	/	/	18.14	/	/	<=30	Pass		
		Edge 1RB Left	16.74	/	/	17.7	/	/	<=30	Pass		
		Edge 1RB Right	17.24	/	/	18.2	/	/	<=30	Pass		
		Outer Full	16.94	/	/	17.9	/	/	<=30	Pass		
		Inner Full	16.85	/	/	17.81	/	/	<=30	Pass		
	3750	Inner 1RB Left	16.78	/	/	17.74	/	/	<=30	Pass		
		Inner 1RB Right	17.22	/	/	18.18	/	/	<=30	Pass		
		Edge 1RB Left	16.81	/	/	17.77	/	/	<=30	Pass		
		Edge 1RB Right	17.24	/	/	18.2	/	/	<=30	Pass		
		Outer Full	16.97	/	/	17.93	/	/	<=30	Pass		
	3754.98	Inner Full	16.94	/	/	17.9	/	/	<=30	Pass		
		Inner 1RB Left	16.83	/	/	17.79	/	/	<=30	Pass		
		Inner 1RB Right	17.21	/	/	18.17	/	/	<=30	Pass		
		Note1: Antenna Gain: Ant11: 0.96dBi;										
		Note2: EIRP=Conducted Power+Antenna Gain										

1.1.12 30k_SISO_100MHz_NTNV_EIRP

5G NR n78a 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	19.68	/	/	20.64	/	/	<=30	Pass
		Edge 1RB Right	20.03	/	/	20.99	/	/	<=30	Pass
		Outer Full	22.72	/	/	23.68	/	/	<=30	Pass
		Inner Full	23.12	/	/	24.08	/	/	<=30	Pass
		Inner 1RB Left	23.05	/	/	24.01	/	/	<=30	Pass
		Inner 1RB Right	23.37	/	/	24.33	/	/	<=30	Pass
	3750	Edge 1RB Left	19.56	/	/	20.52	/	/	<=30	Pass
		Edge 1RB Right	20.02	/	/	20.98	/	/	<=30	Pass
		Outer Full	22.71	/	/	23.67	/	/	<=30	Pass
		Inner Full	23.07	/	/	24.03	/	/	<=30	Pass
		Inner 1RB Left	23.04	/	/	24	/	/	<=30	Pass
		Inner 1RB Right	23.37	/	/	24.33	/	/	<=30	Pass
	3750	Edge 1RB Left	19.52	/	/	20.48	/	/	<=30	Pass
		Edge 1RB Right	19.95	/	/	20.91	/	/	<=30	Pass
		Outer Full	22.7	/	/	23.66	/	/	<=30	Pass
		Inner Full	23.06	/	/	24.02	/	/	<=30	Pass
		Inner 1RB Left	22.97	/	/	23.93	/	/	<=30	Pass
		Inner 1RB Right	23.31	/	/	24.27	/	/	<=30	Pass
DFT-s-OFDM QPSK	3750	Edge 1RB Left	19.61	/	/	20.57	/	/	<=30	Pass
		Edge 1RB Right	20.02	/	/	20.98	/	/	<=30	Pass
		Outer Full	22.25	/	/	23.21	/	/	<=30	Pass
		Inner Full	23.15	/	/	24.11	/	/	<=30	Pass
		Inner 1RB Left	22.91	/	/	23.87	/	/	<=30	Pass
		Inner 1RB Right	23.39	/	/	24.35	/	/	<=30	Pass
	3750	Edge 1RB Left	19.65	/	/	20.61	/	/	<=30	Pass
		Edge 1RB Right	19.9	/	/	20.86	/	/	<=30	Pass
		Outer Full	22.2	/	/	23.16	/	/	<=30	Pass
		Inner Full	23.07	/	/	24.03	/	/	<=30	Pass
		Inner 1RB Left	23.01	/	/	23.97	/	/	<=30	Pass
		Inner 1RB Right	23.35	/	/	24.31	/	/	<=30	Pass
	3750	Edge 1RB Left	19.52	/	/	20.48	/	/	<=30	Pass
		Edge 1RB Right	19.79	/	/	20.75	/	/	<=30	Pass
		Outer Full	22.17	/	/	23.13	/	/	<=30	Pass
		Inner Full	23.03	/	/	23.99	/	/	<=30	Pass
		Inner 1RB Left	22.95	/	/	23.91	/	/	<=30	Pass
		Inner 1RB Right	23.27	/	/	24.23	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Edge 1RB Left	19.41	/	/	20.37	/	/	<=30	Pass
		Edge 1RB Right	19.81	/	/	20.77	/	/	<=30	Pass
		Outer Full	21.28	/	/	22.24	/	/	<=30	Pass
		Inner Full	22.17	/	/	23.13	/	/	<=30	Pass
		Inner 1RB Left	21.89	/	/	22.85	/	/	<=30	Pass
		Inner 1RB Right	22.22	/	/	23.18	/	/	<=30	Pass
	3750	Edge 1RB Left	19.46	/	/	20.42	/	/	<=30	Pass
		Edge 1RB Right	19.74	/	/	20.7	/	/	<=30	Pass
		Outer Full	21.22	/	/	22.18	/	/	<=30	Pass
		Inner Full	22.12	/	/	23.08	/	/	<=30	Pass
		Inner 1RB Left	21.91	/	/	22.87	/	/	<=30	Pass
		Inner 1RB Right	22.15	/	/	23.11	/	/	<=30	Pass
	3750	Edge 1RB Left	19.3	/	/	20.26	/	/	<=30	Pass
		Edge 1RB Right	19.61	/	/	20.57	/	/	<=30	Pass
		Outer Full	21.22	/	/	22.18	/	/	<=30	Pass
		Inner Full	22.09	/	/	23.05	/	/	<=30	Pass
		Inner 1RB Left	21.83	/	/	22.79	/	/	<=30	Pass
		Inner 1RB Right	22.12	/	/	23.08	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Edge 1RB Left	19.95	/	/	20.91	/	/	<=30	Pass
		Edge 1RB Right	20.27	/	/	21.23	/	/	<=30	Pass

		Outer_Full	20.82	/	/	21.78	/	/	<=30	Pass
		Inner_Full	20.78	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Left	20.81	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Right	21.2	/	/	22.16	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.87	/	/	20.83	/	/	<=30	Pass
		Edge_1RB_Right	20.12	/	/	21.08	/	/	<=30	Pass
		Outer_Full	20.78	/	/	21.74	/	/	<=30	Pass
		Inner_Full	20.72	/	/	21.68	/	/	<=30	Pass
		Inner_1RB_Left	20.87	/	/	21.83	/	/	<=30	Pass
		Inner_1RB_Right	21.14	/	/	22.1	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.89	/	/	20.85	/	/	<=30	Pass
		Edge_1RB_Right	20.17	/	/	21.13	/	/	<=30	Pass
		Outer_Full	20.75	/	/	21.71	/	/	<=30	Pass
		Inner_Full	20.7	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Left	20.72	/	/	21.68	/	/	<=30	Pass
		Inner_1RB_Right	21.07	/	/	22.03	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Edge_1RB_Left	18.65	/	/	19.61	/	/	<=30	Pass
		Edge_1RB_Right	18.99	/	/	19.95	/	/	<=30	Pass
		Outer_Full	18.85	/	/	19.81	/	/	<=30	Pass
		Inner_Full	18.83	/	/	19.79	/	/	<=30	Pass
		Inner_1RB_Left	18.65	/	/	19.61	/	/	<=30	Pass
		Inner_1RB_Right	18.99	/	/	19.95	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.61	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	18.94	/	/	19.9	/	/	<=30	Pass
		Outer_Full	18.83	/	/	19.79	/	/	<=30	Pass
		Inner_Full	18.81	/	/	19.77	/	/	<=30	Pass
		Inner_1RB_Left	18.62	/	/	19.58	/	/	<=30	Pass
		Inner_1RB_Right	18.92	/	/	19.88	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.56	/	/	19.52	/	/	<=30	Pass
		Edge_1RB_Right	18.91	/	/	19.87	/	/	<=30	Pass
		Outer_Full	18.78	/	/	19.74	/	/	<=30	Pass
		Inner_Full	18.74	/	/	19.7	/	/	<=30	Pass
		Inner_1RB_Left	18.58	/	/	19.54	/	/	<=30	Pass
		Inner_1RB_Right	18.93	/	/	19.89	/	/	<=30	Pass
CP-OFDM QPSK	3750	Edge_1RB_Left	19.41	/	/	20.37	/	/	<=30	Pass
		Edge_1RB_Right	19.82	/	/	20.78	/	/	<=30	Pass
		Outer_Full	20.3	/	/	21.26	/	/	<=30	Pass
		Inner_Full	21.68	/	/	22.64	/	/	<=30	Pass
		Inner_1RB_Left	21.62	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Right	22	/	/	22.96	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.73	/	/	20.69	/	/	<=30	Pass
		Edge_1RB_Right	19.77	/	/	20.73	/	/	<=30	Pass
		Outer_Full	20.23	/	/	21.19	/	/	<=30	Pass
		Inner_Full	21.65	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Left	21.52	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Right	21.89	/	/	22.85	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.47	/	/	20.43	/	/	<=30	Pass
		Edge_1RB_Right	20.13	/	/	21.09	/	/	<=30	Pass
		Outer_Full	20.2	/	/	21.16	/	/	<=30	Pass
		Inner_Full	21.6	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Left	21.55	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Right	21.94	/	/	22.9	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Edge_1RB_Left	19.52	/	/	20.48	/	/	<=30	Pass
		Edge_1RB_Right	19.88	/	/	20.84	/	/	<=30	Pass
		Outer_Full	20.27	/	/	21.23	/	/	<=30	Pass
		Inner_Full	21.23	/	/	22.19	/	/	<=30	Pass
		Inner_1RB_Left	20.97	/	/	21.93	/	/	<=30	Pass
		Inner_1RB_Right	21.25	/	/	22.21	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.41	/	/	20.37	/	/	<=30	Pass

		Edge_1RB_Right	19.73	/	/	20.69	/	/	<=30	Pass
		Outer_Full	20.21	/	/	21.17	/	/	<=30	Pass
		Inner_Full	21.18	/	/	22.14	/	/	<=30	Pass
		Inner_1RB_Left	20.71	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Right	21.22	/	/	22.18	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.35	/	/	20.31	/	/	<=30	Pass
		Edge_1RB_Right	19.7	/	/	20.66	/	/	<=30	Pass
		Outer_Full	20.18	/	/	21.14	/	/	<=30	Pass
		Inner_Full	21.15	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Left	20.85	/	/	21.81	/	/	<=30	Pass
		Inner_1RB_Right	21.14	/	/	22.1	/	/	<=30	Pass
CP-OFDM 64 QAM	3750	Edge_1RB_Left	19.77	/	/	20.73	/	/	<=30	Pass
		Edge_1RB_Right	20.22	/	/	21.18	/	/	<=30	Pass
		Outer_Full	19.84	/	/	20.8	/	/	<=30	Pass
		Inner_Full	19.79	/	/	20.75	/	/	<=30	Pass
		Inner_1RB_Left	19.82	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Right	20.15	/	/	21.11	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.78	/	/	20.74	/	/	<=30	Pass
		Edge_1RB_Right	20.09	/	/	21.05	/	/	<=30	Pass
		Outer_Full	19.74	/	/	20.7	/	/	<=30	Pass
		Inner_Full	19.71	/	/	20.67	/	/	<=30	Pass
		Inner_1RB_Left	19.82	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Right	20.2	/	/	21.16	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.74	/	/	20.7	/	/	<=30	Pass
		Edge_1RB_Right	20.15	/	/	21.11	/	/	<=30	Pass
		Outer_Full	19.73	/	/	20.69	/	/	<=30	Pass
		Inner_Full	19.72	/	/	20.68	/	/	<=30	Pass
		Inner_1RB_Left	19.68	/	/	20.64	/	/	<=30	Pass
		Inner_1RB_Right	20.03	/	/	20.99	/	/	<=30	Pass
CP-OFDM 256 QAM	3750	Edge_1RB_Left	16.76	/	/	17.72	/	/	<=30	Pass
		Edge_1RB_Right	17.16	/	/	18.12	/	/	<=30	Pass
		Outer_Full	16.91	/	/	17.87	/	/	<=30	Pass
		Inner_Full	16.89	/	/	17.85	/	/	<=30	Pass
		Inner_1RB_Left	16.86	/	/	17.82	/	/	<=30	Pass
		Inner_1RB_Right	17.19	/	/	18.15	/	/	<=30	Pass
	3750	Edge_1RB_Left	16.76	/	/	17.72	/	/	<=30	Pass
		Edge_1RB_Right	17.05	/	/	18.01	/	/	<=30	Pass
		Outer_Full	16.84	/	/	17.8	/	/	<=30	Pass
		Inner_Full	16.84	/	/	17.8	/	/	<=30	Pass
		Inner_1RB_Left	16.85	/	/	17.81	/	/	<=30	Pass
		Inner_1RB_Right	17.11	/	/	18.07	/	/	<=30	Pass
	3750	Edge_1RB_Left	16.74	/	/	17.7	/	/	<=30	Pass
		Edge_1RB_Right	17.1	/	/	18.06	/	/	<=30	Pass
		Outer_Full	16.82	/	/	17.78	/	/	<=30	Pass
Inner_Full		16.83	/	/	17.79	/	/	<=30	Pass	
Inner_1RB_Left		16.75	/	/	17.71	/	/	<=30	Pass	
		Inner_1RB_Right	17.11	/	/	18.07	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 0.96dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30k_SISO_100MHz

5G NR n78a SCS=30kHz SISO 100MHz

Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	-17.70	-0.0047	>=-2.5 & <=2.5	Pass
				HV	-7.90	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-15.20	-0.0041	>=-2.5 & <=2.5	Pass
			-20	NV	-10.20	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-16.60	-0.0044	>=-2.5 & <=2.5	Pass
			0	NV	-14.70	-0.0039	>=-2.5 & <=2.5	Pass
			10	NV	-14.60	-0.0039	>=-2.5 & <=2.5	Pass
			20	NV	-9.30	-0.0025	>=-2.5 & <=2.5	Pass
			30	NV	-9.20	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-16.90	-0.0045	>=-2.5 & <=2.5	Pass
			50	NV	-13.90	-0.0037	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30k_SISO_10MHz_NTNV

5G NR n78a SCS=30kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	8.67	9.42	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	8.69	9.35	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	8.62	9.32	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	8.68	9.30	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	8.65	9.38	/	Pass
CP-OFDM QPSK	3750	Outer_Full	8.63	9.27	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	8.69	9.44	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	8.62	9.25	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	8.58	9.41	/	Pass

3.1.2 30k_SISO_15MHz_NTNV

5G NR n78a SCS=30kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	13.07	13.98	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	12.68	13.88	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	12.95	13.91	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	13.08	13.95	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	13.09	13.98	/	Pass
CP-OFDM QPSK	3750	Outer_Full	13.66	14.84	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	13.72	14.60	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	13.56	14.64	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	13.62	14.57	/	Pass

3.1.3 30k_SISO_20MHz_NTNV

5G NR n78a SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	17.96	19.40	/	Pass

DFT-s-OFDM QPSK	3750	Outer_Full	18.08	19.36	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	18.15	19.41	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	18.06	19.25	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	18.09	19.45	/	Pass
CP-OFDM QPSK	3750	Outer_Full	18.40	19.66	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	18.06	19.73	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	18.20	19.53	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	18.36	19.69	/	Pass

3.1.4 30k_SISO_25MHz_NTNV

5G NR n78a SCS=30kHz SISO 25MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	23.14	24.65	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	23.08	24.61	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	23.16	24.63	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	22.99	24.37	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	23.07	24.65	/	Pass
CP-OFDM QPSK	3750	Outer_Full	23.37	24.91	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	23.40	25.01	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	23.34	24.93	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	23.33	25.01	/	Pass

3.1.5 30k_SISO_30MHz_NTNV

5G NR n78a SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	26.88	28.99	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	26.97	29.00	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	26.95	29.02	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	27.02	28.85	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	27.09	29.15	/	Pass
CP-OFDM QPSK	3750	Outer_Full	28.11	29.83	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	28.18	29.89	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	28.07	29.84	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	28.07	29.95	/	Pass

3.1.6 30k_SISO_40MHz_NTNV

5G NR n78a SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	36.05	38.59	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	36.13	38.47	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	35.99	38.42	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	36.11	38.66	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	35.85	38.27	/	Pass
CP-OFDM QPSK	3750	Outer_Full	38.19	40.60	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	37.94	40.44	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	37.97	40.51	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	38.13	40.79	/	Pass

3.1.7 30k_SISO_50MHz_NTNV

5G NR n78a SCS=30kHz SISO 50MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	46.17	48.98	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	46.02	48.79	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	46.02	49.09	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	45.74	49.07	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	45.59	49.38	/	Pass
CP-OFDM QPSK	3750	Outer_Full	47.47	50.92	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	47.69	50.97	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	47.73	50.85	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	47.52	50.86	/	Pass

3.1.8 30k_SISO_60MHz_NTNV

5G NR n78a SCS=30kHz SISO 60MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	58.40	61.98	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	58.28	62.26	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	58.12	62.07	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	58.19	61.99	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	58.35	61.84	/	Pass
CP-OFDM QPSK	3750	Outer_Full	58.27	61.97	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	58.07	62.10	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	57.95	62.16	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	58.27	61.98	/	Pass

3.1.9 30k_SISO_70MHz_NTNV

5G NR n78a SCS=30kHz SISO 70MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	64.86	69.35	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	64.91	69.08	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	65.23	69.10	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	64.79	69.45	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	64.36	69.65	/	Pass
CP-OFDM QPSK	3750	Outer_Full	67.95	72.27	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	67.62	72.58	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	68.19	72.39	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	68.05	72.66	/	Pass

3.1.10 30k_SISO_80MHz_NTNV

5G NR n78a SCS=30kHz SISO 80MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	77.66	82.54	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	77.61	82.72	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	77.40	82.41	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	77.63	83.01	/	Pass

DFT-s-OFDM 256 QAM	3750	Outer_Full	77.57	82.85	/	Pass
CP-OFDM QPSK	3750	Outer_Full	78.19	83.05	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	77.81	83.20	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	78.05	83.15	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	77.94	83.30	/	Pass

3.1.11 30k_SISO_90MHz_NTNV

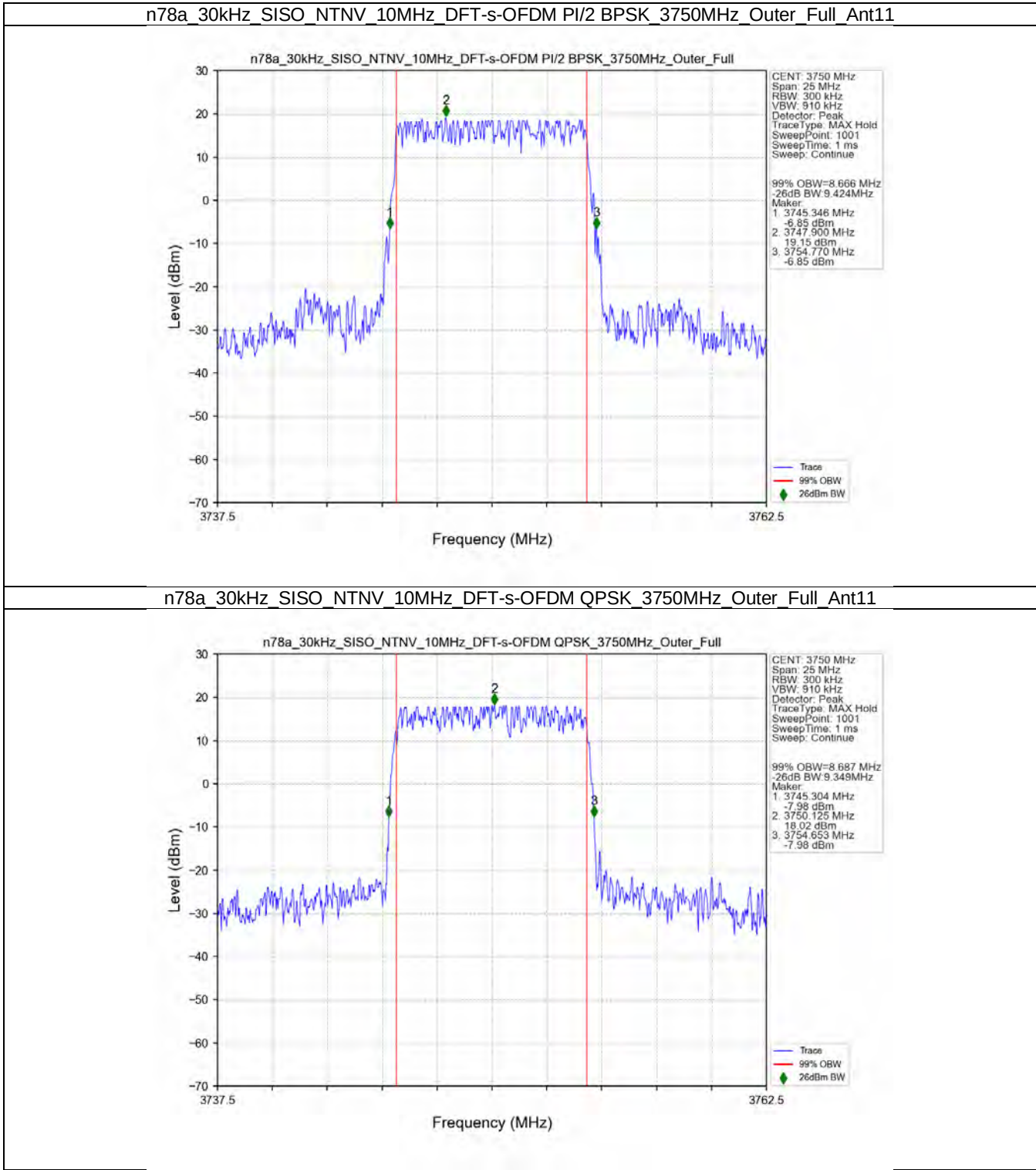
5G NR n78a SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	87.00	92.92	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	87.11	92.72	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	86.98	92.90	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	87.34	92.28	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	87.48	93.14	/	Pass
CP-OFDM QPSK	3750	Outer_Full	87.72	93.54	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	87.95	93.68	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	87.81	93.30	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	87.78	93.70	/	Pass

3.1.12 30k_SISO_100MHz_NTNV

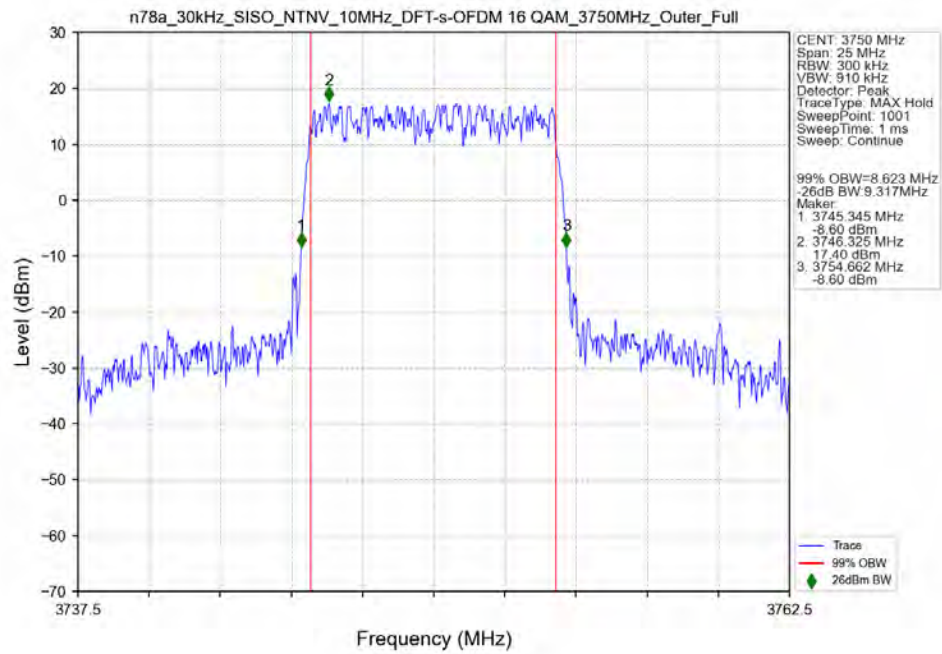
5G NR n78a SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	96.46	103.14	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	97.14	103.29	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	96.94	102.94	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	96.78	103.12	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	96.69	103.20	/	Pass
CP-OFDM QPSK	3750	Outer_Full	98.05	104.47	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	97.78	104.37	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	97.98	104.36	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	98.59	104.14	/	Pass

3.2 Test Graph

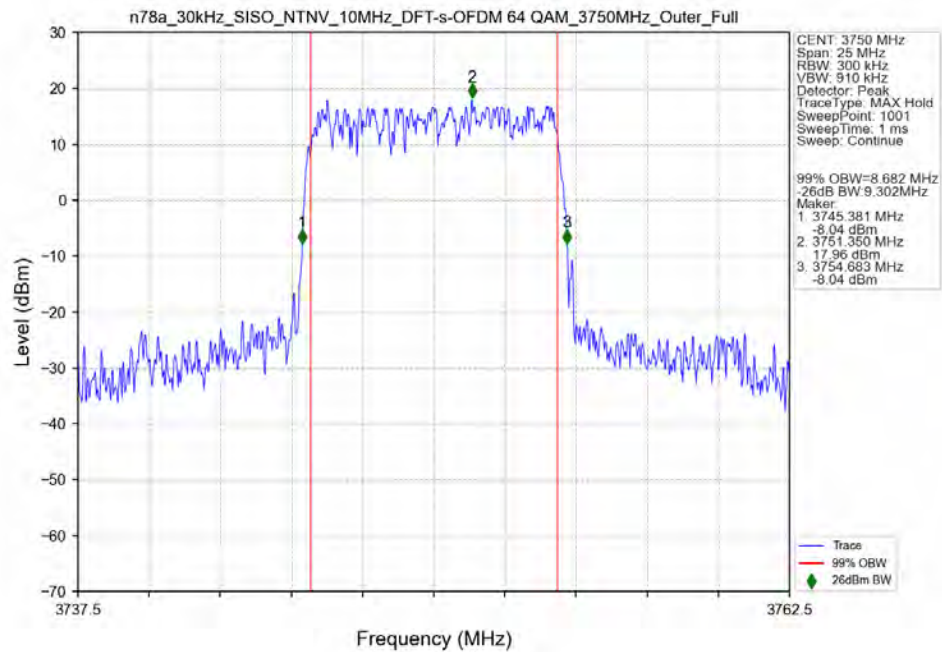
3.2.1 30k_SISO_10MHz_NTNV



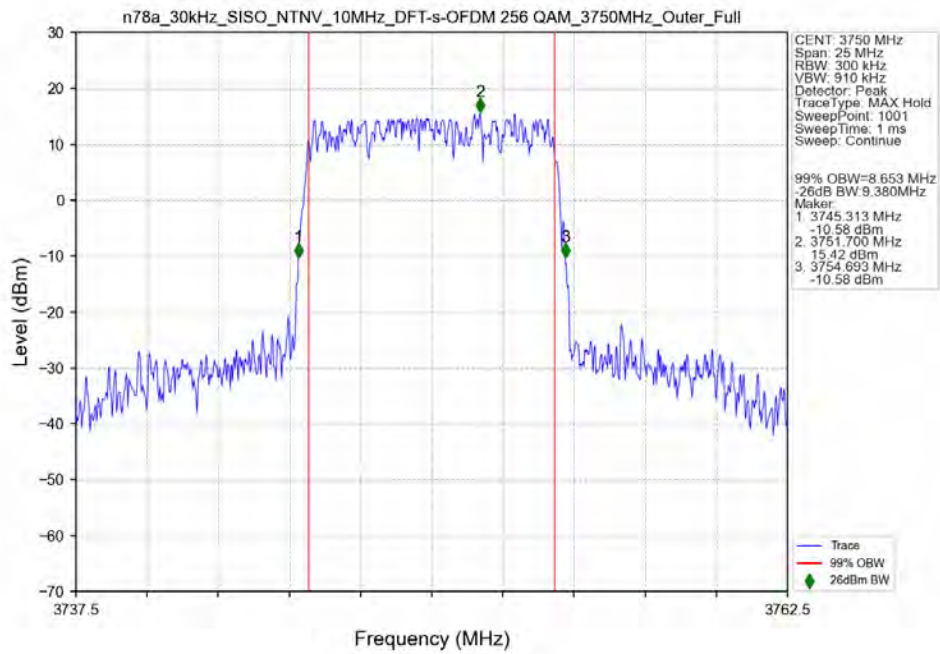
n78a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_3750MHz_Outer_Full_Ant11



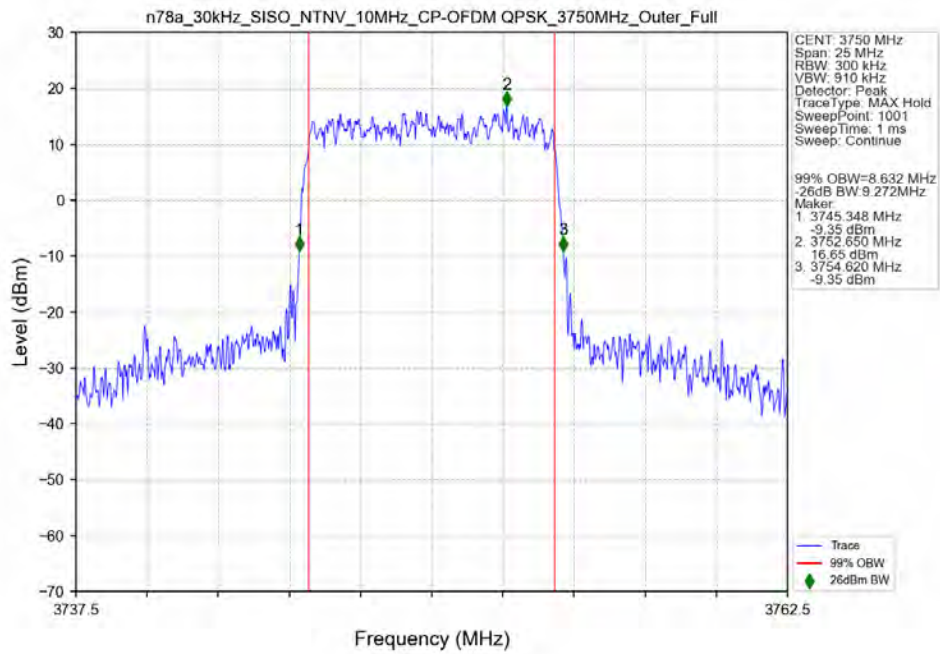
n78a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_3750MHz_Outer_Full_Ant11



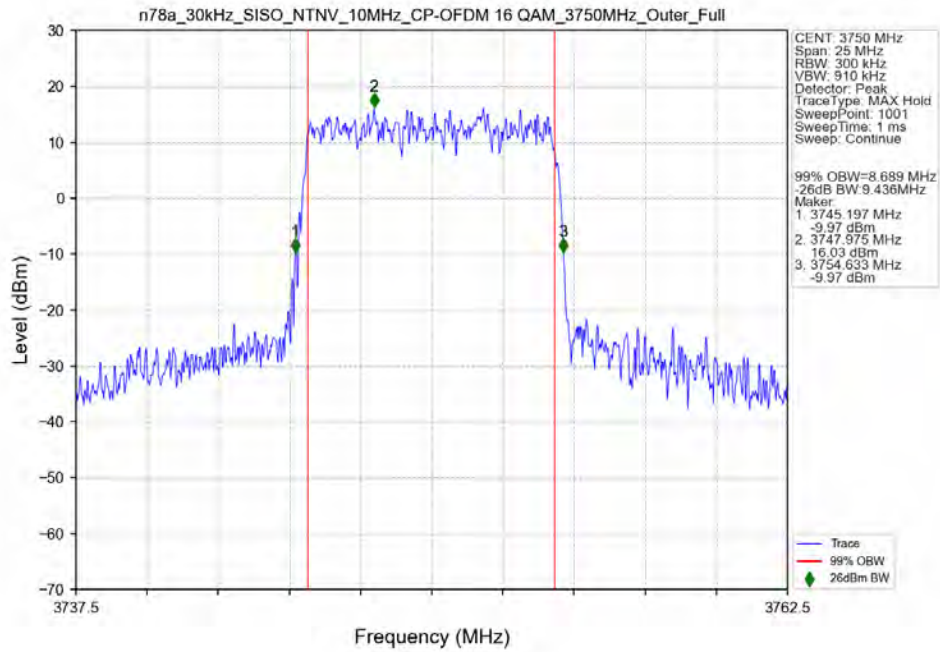
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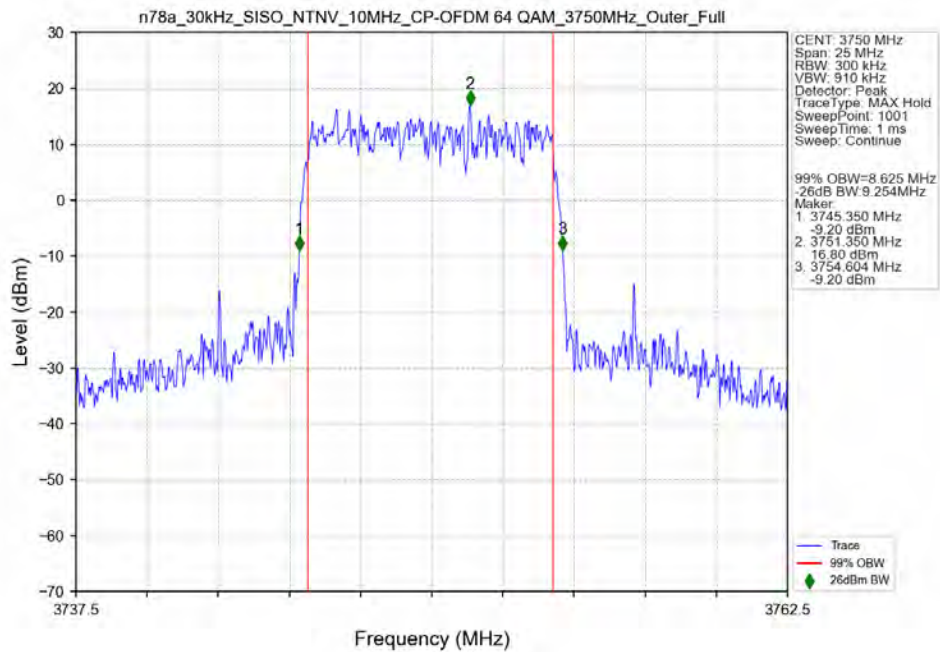
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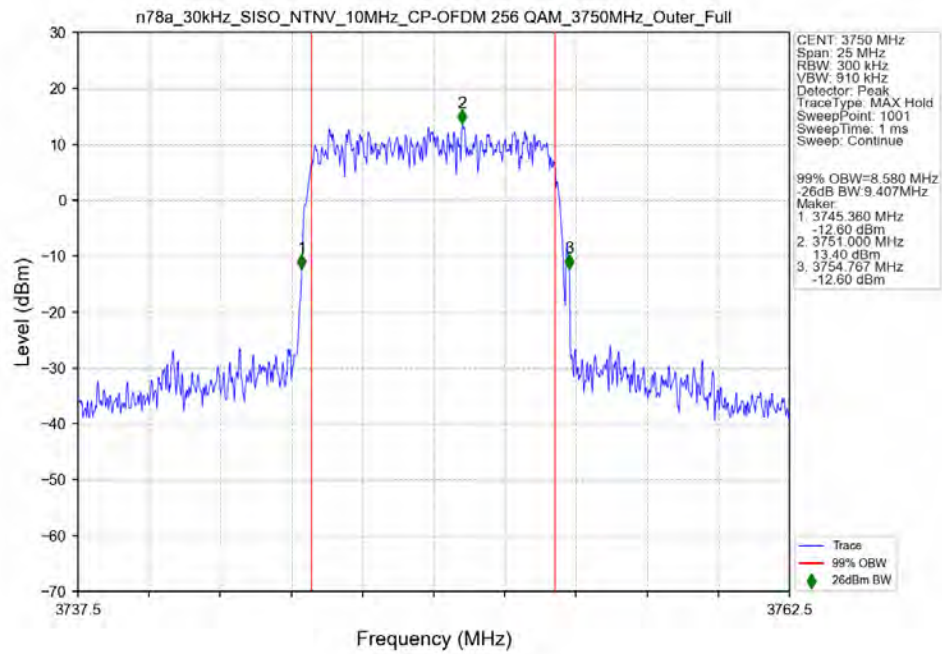
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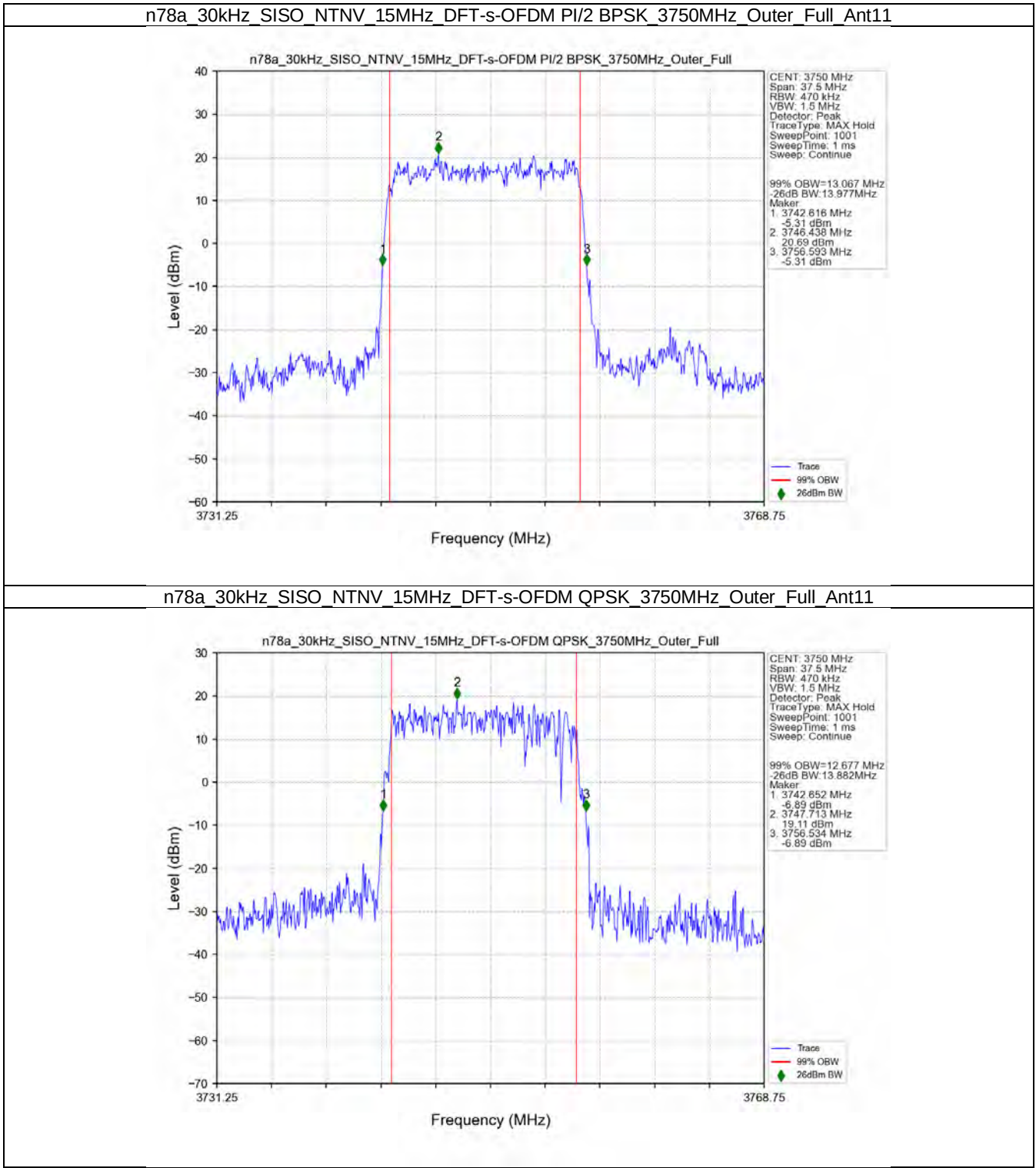
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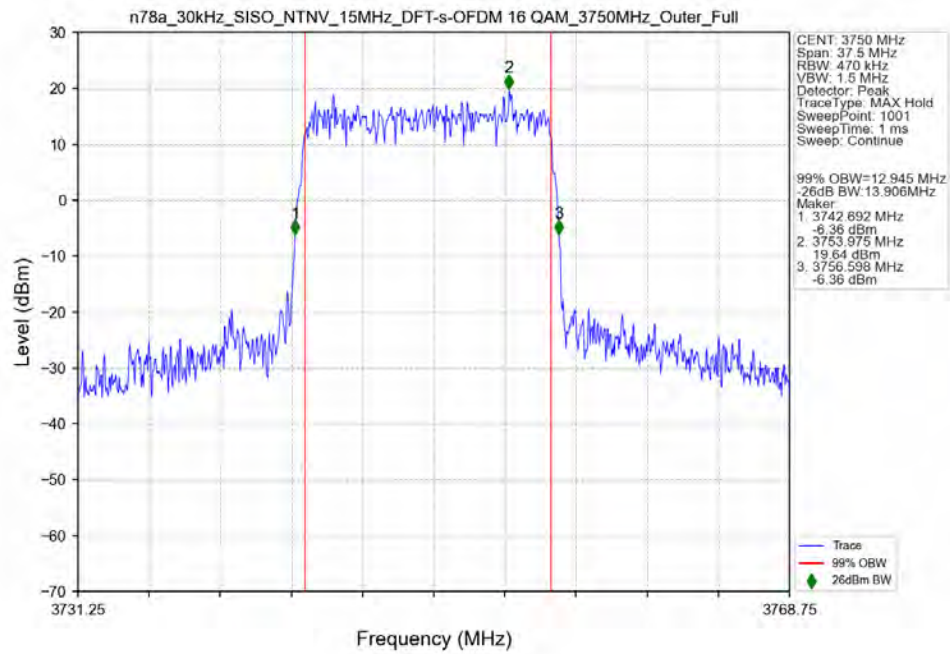
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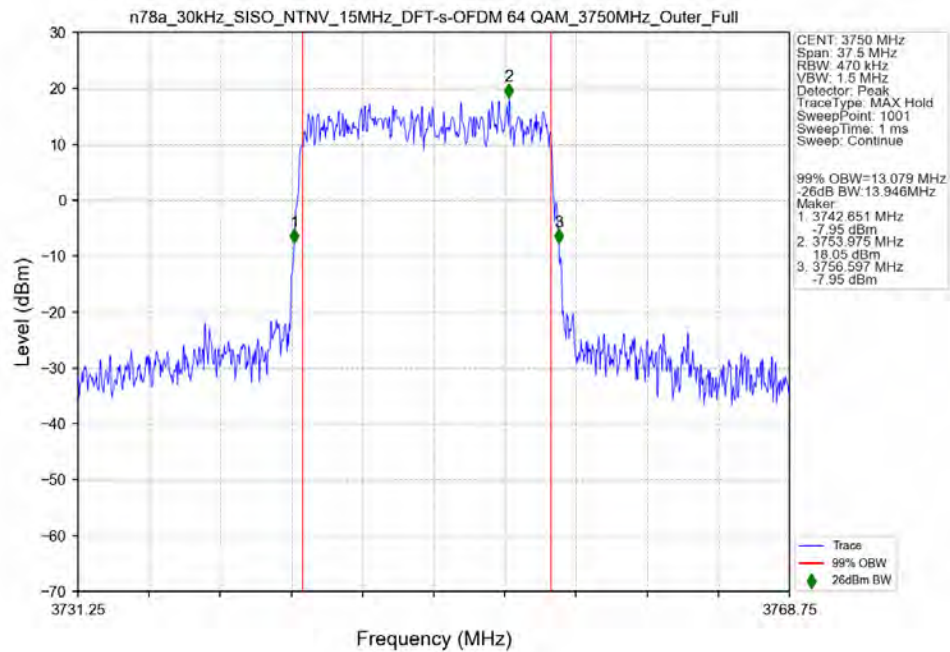
3.2.2 30k_SISO_15MHz_NTNV



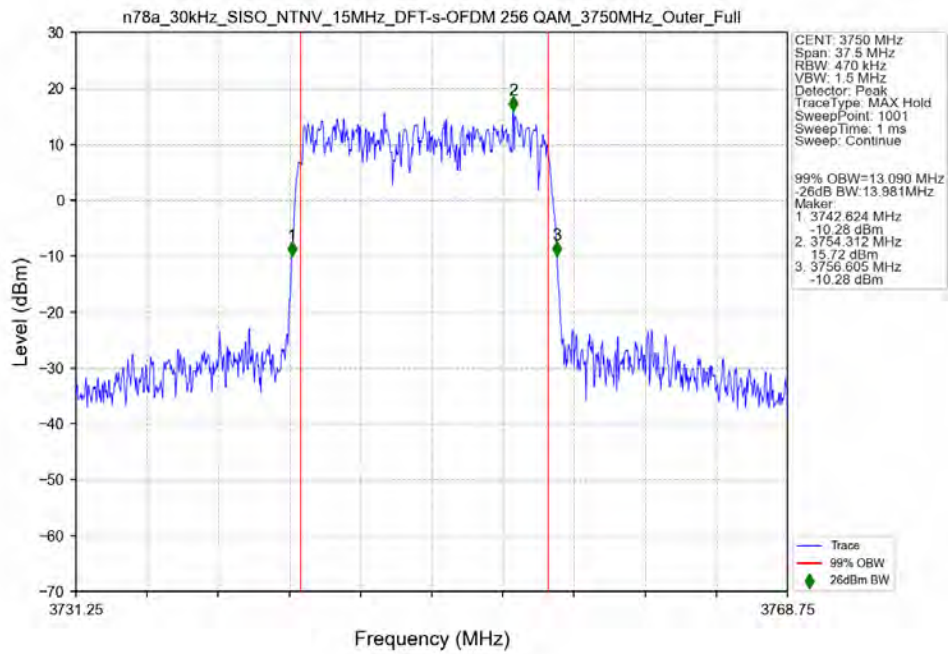
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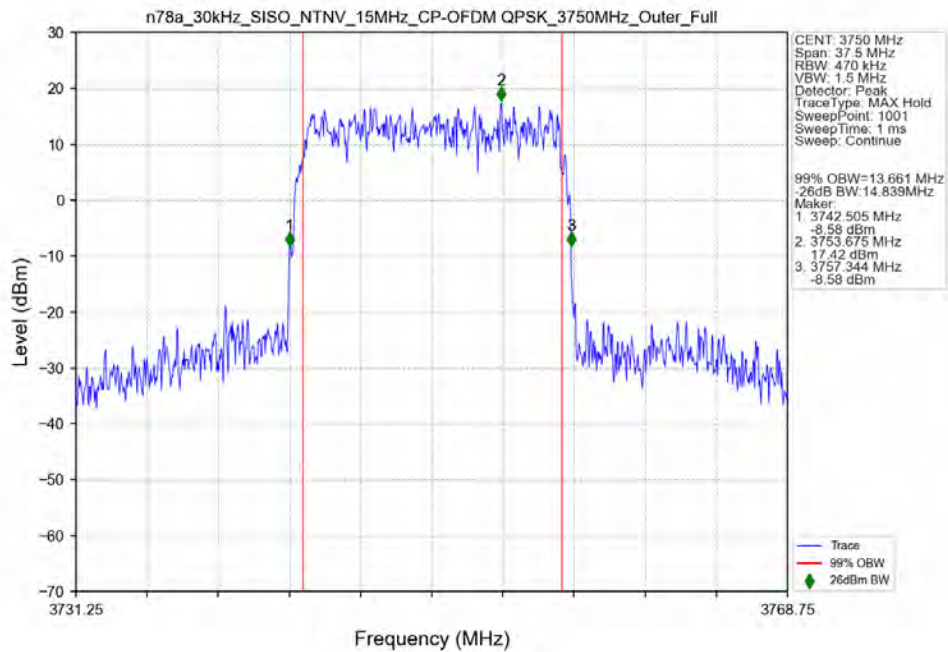
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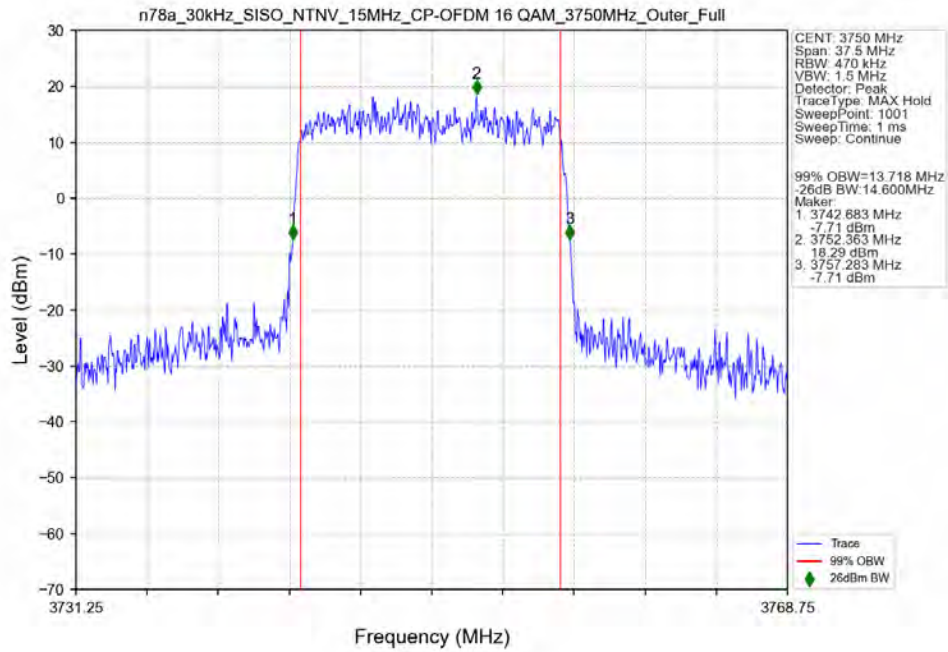
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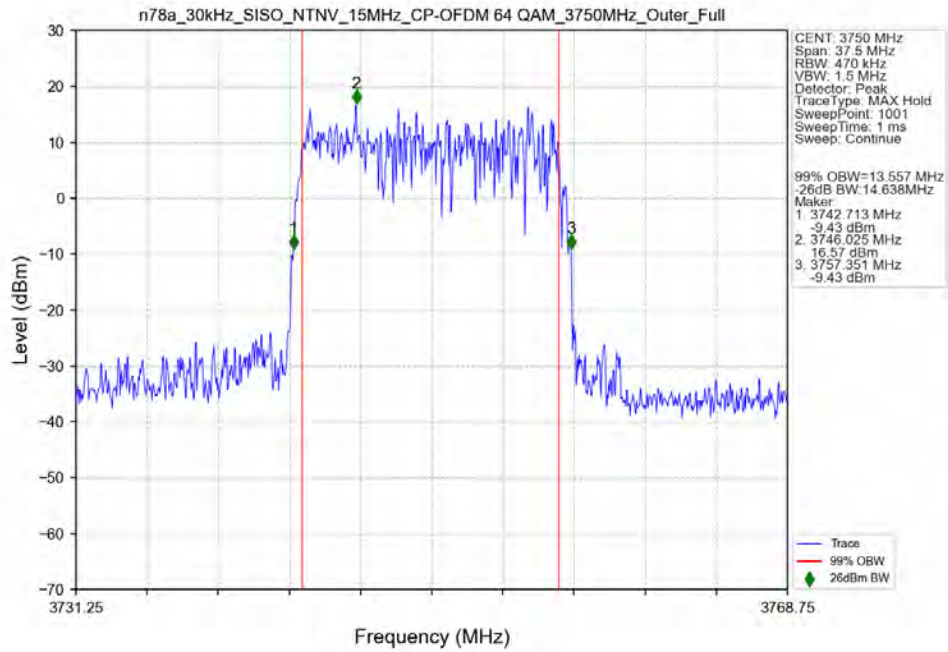
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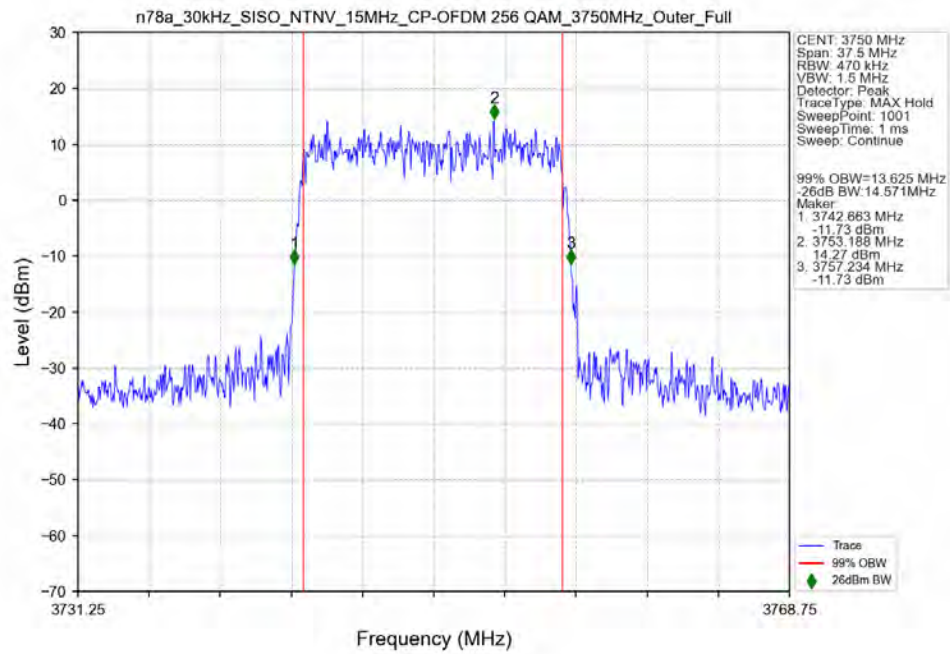
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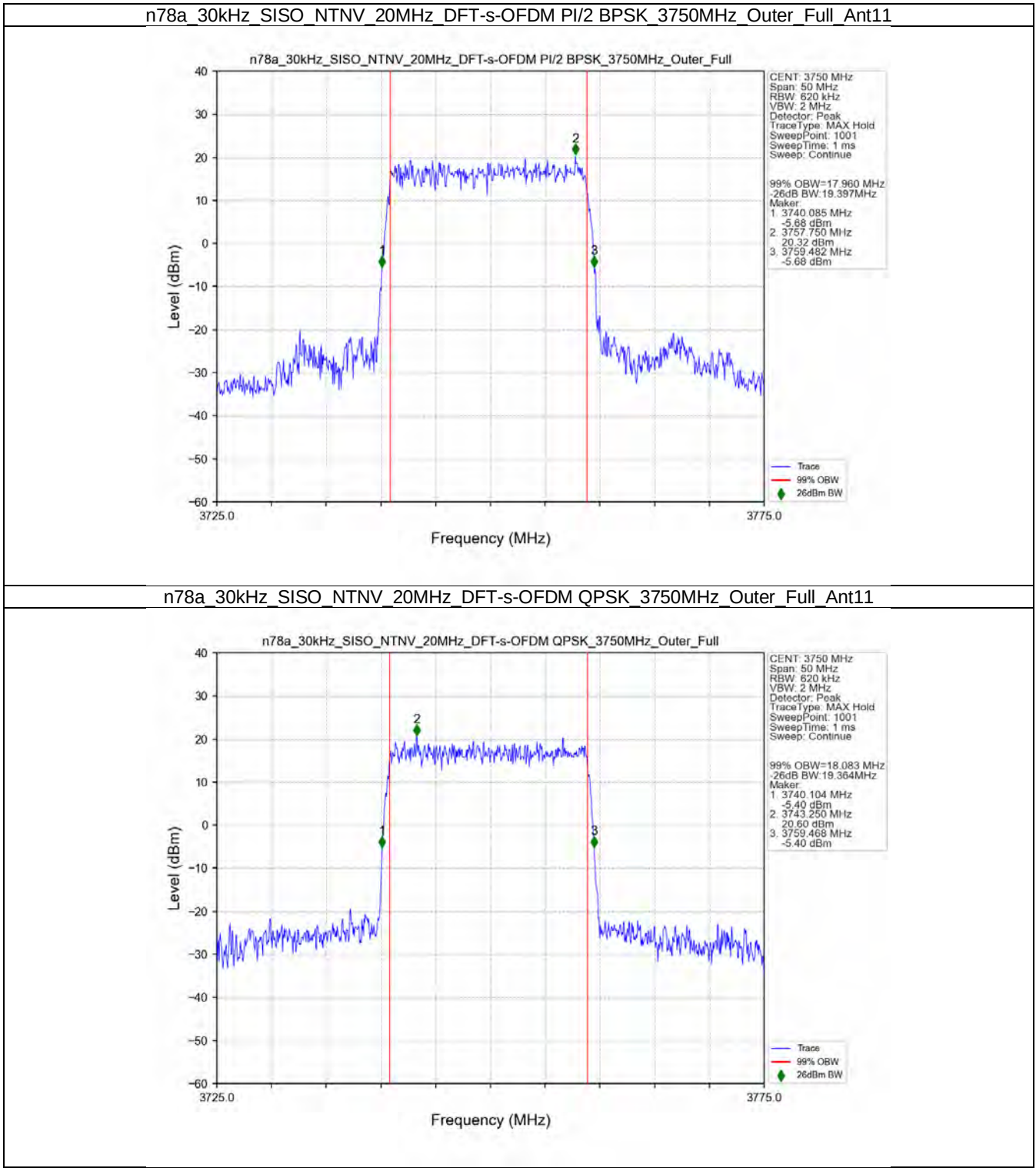
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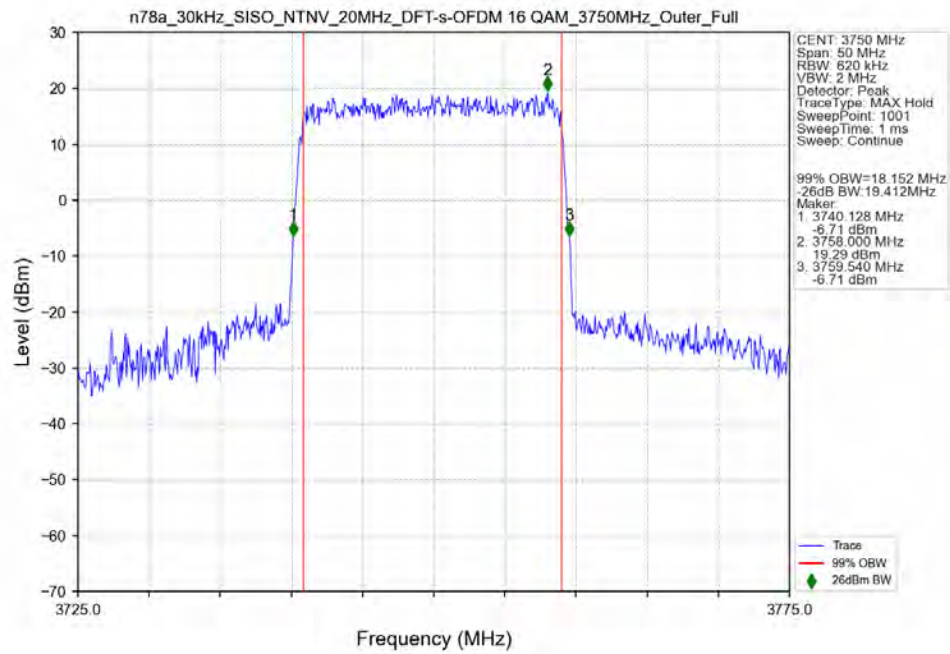
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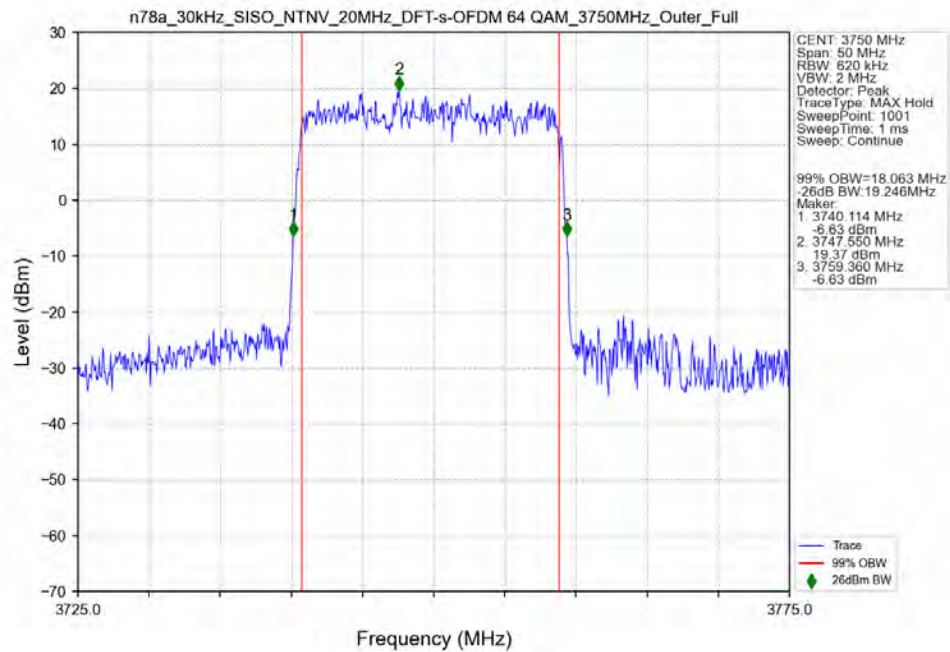
3.2.3 30k_SISO_20MHz_NTNV



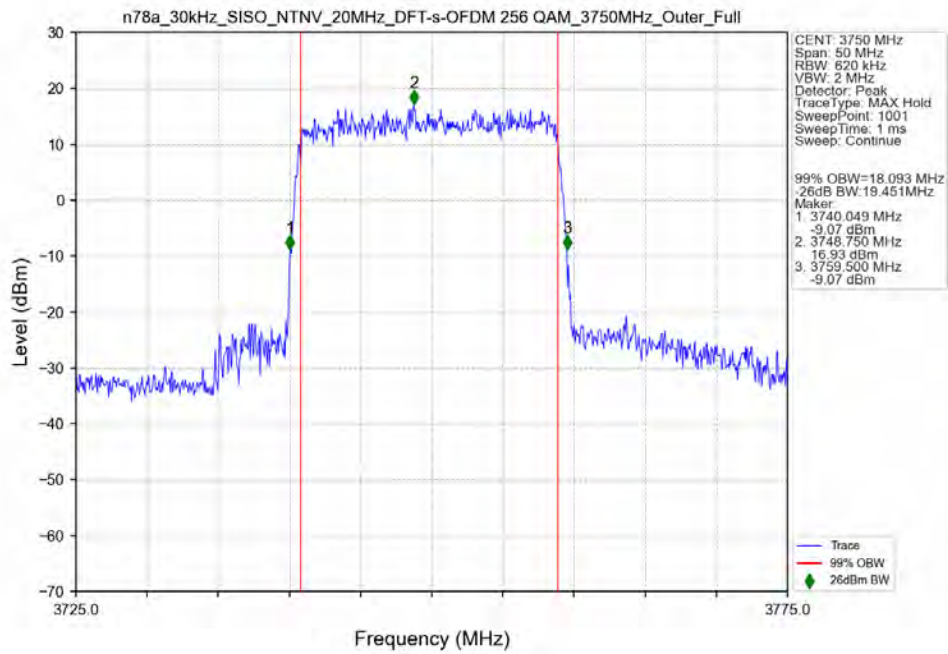
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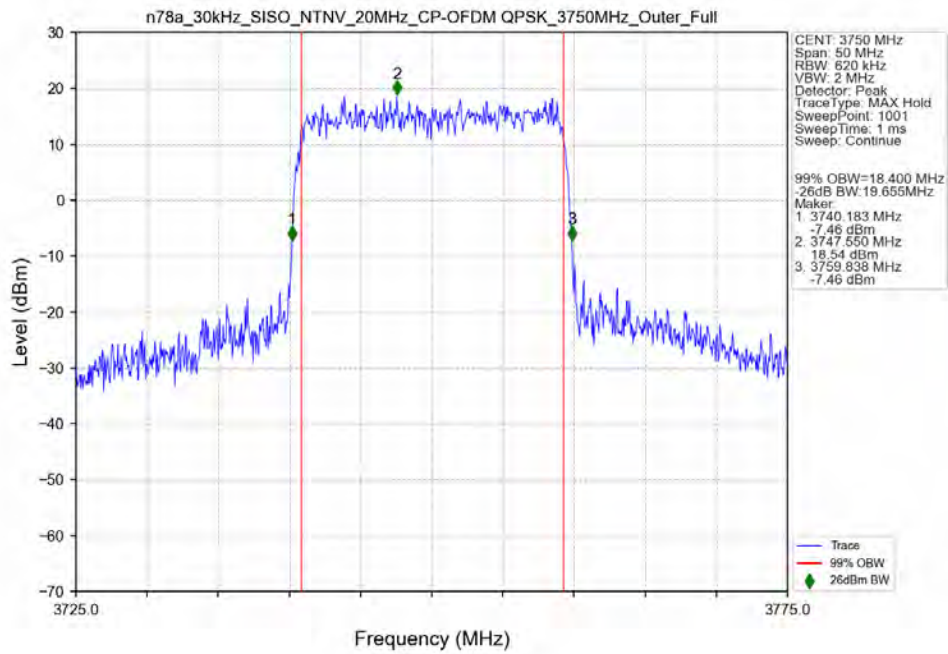
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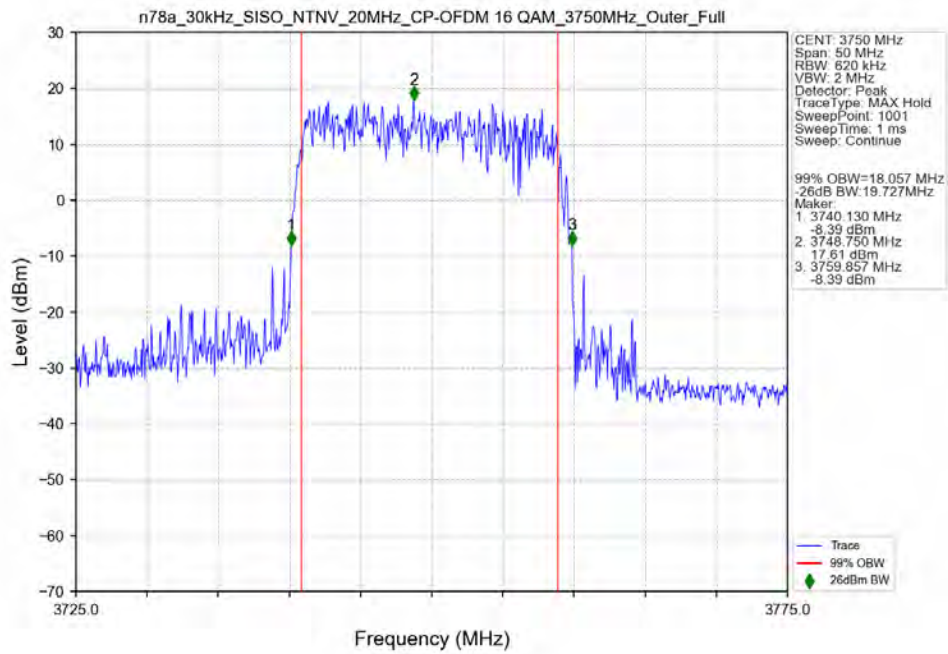
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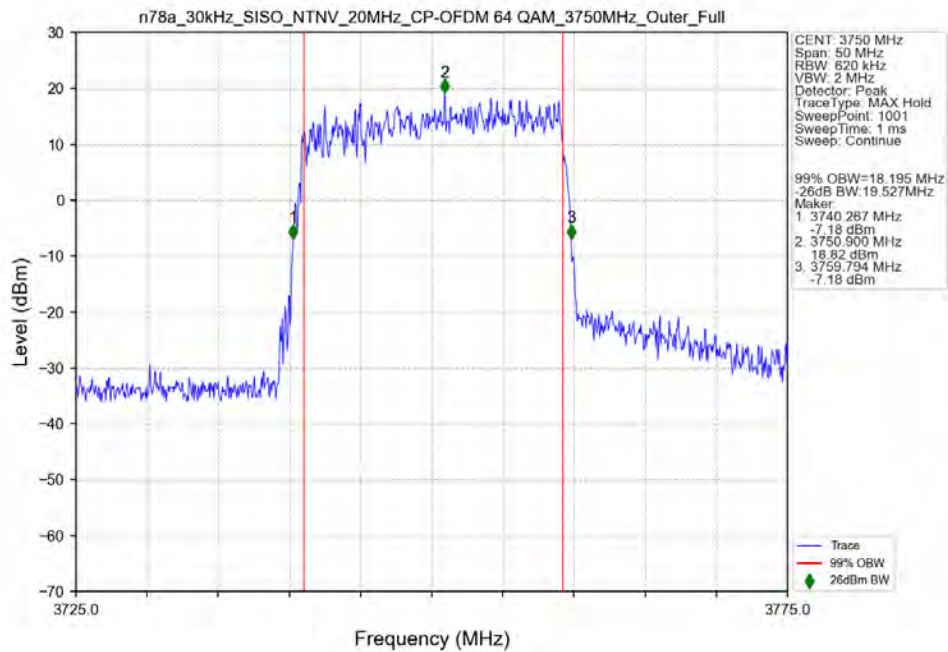
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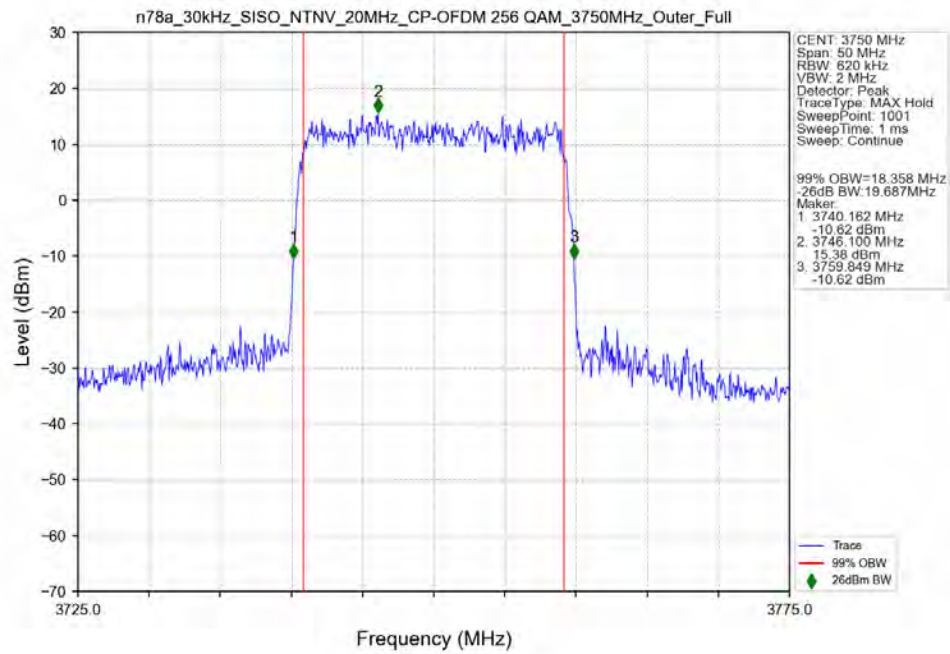
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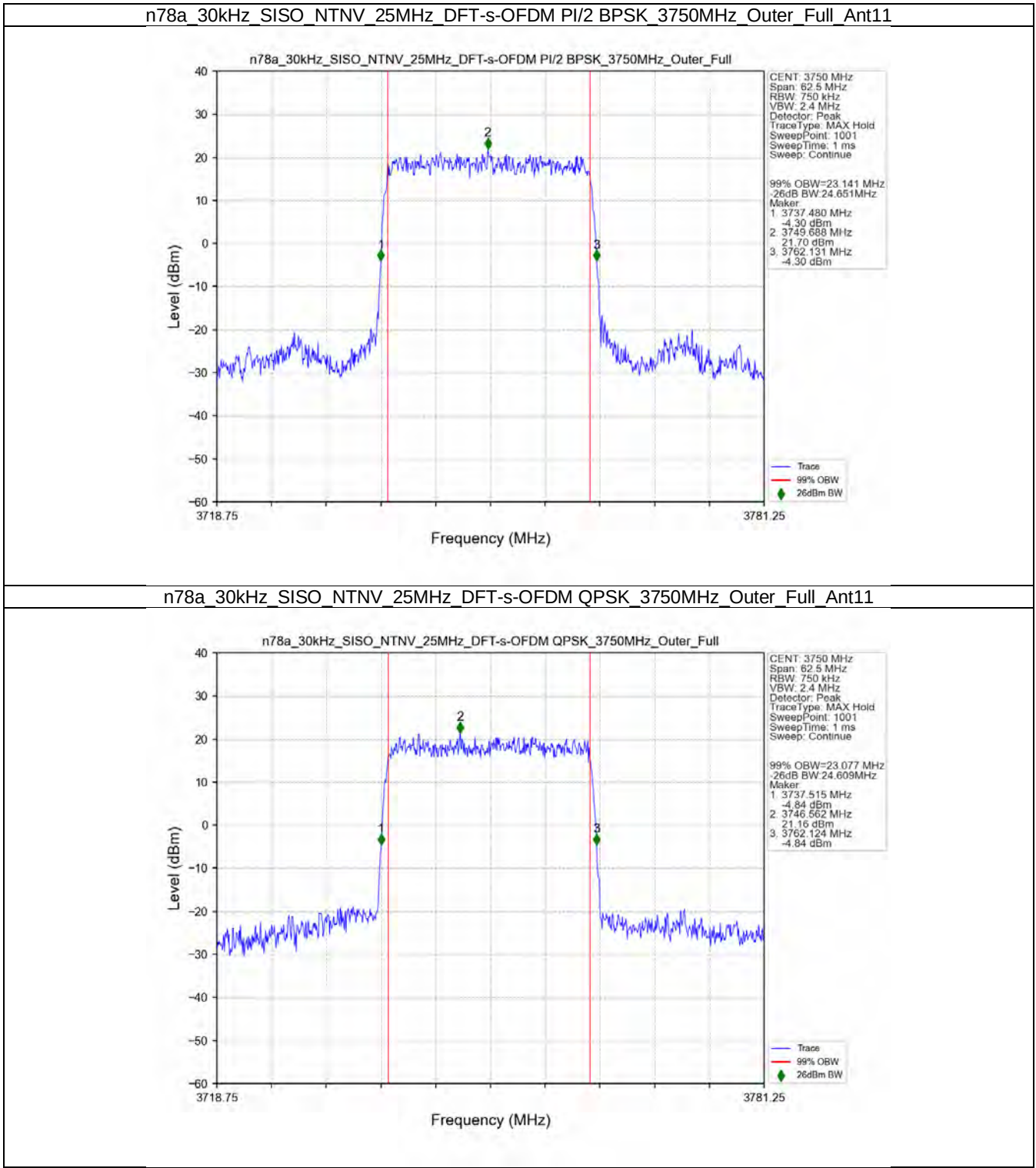
n78a_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 3750MHz_Outer_Full_Ant11



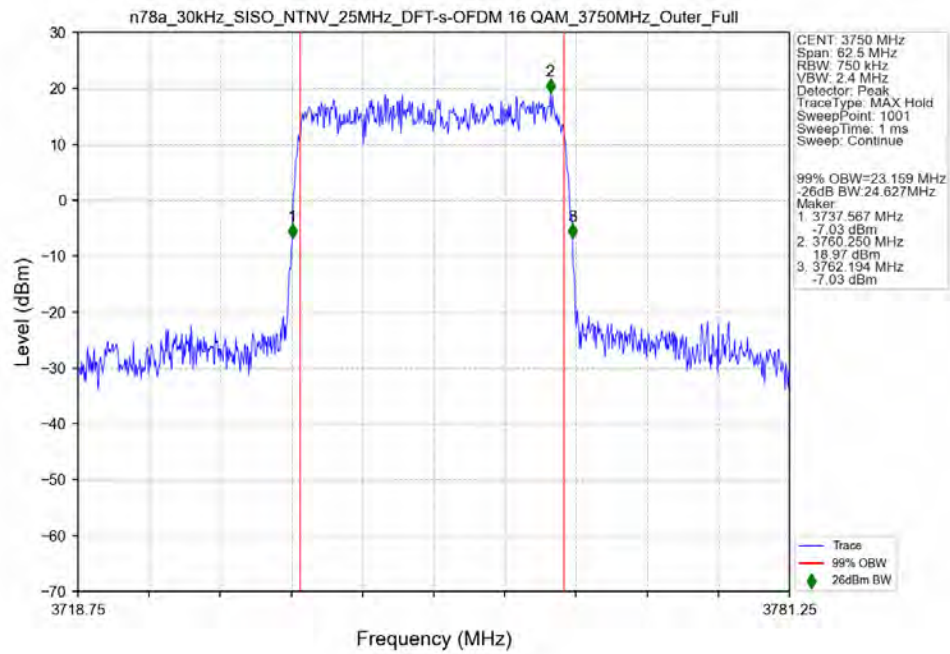
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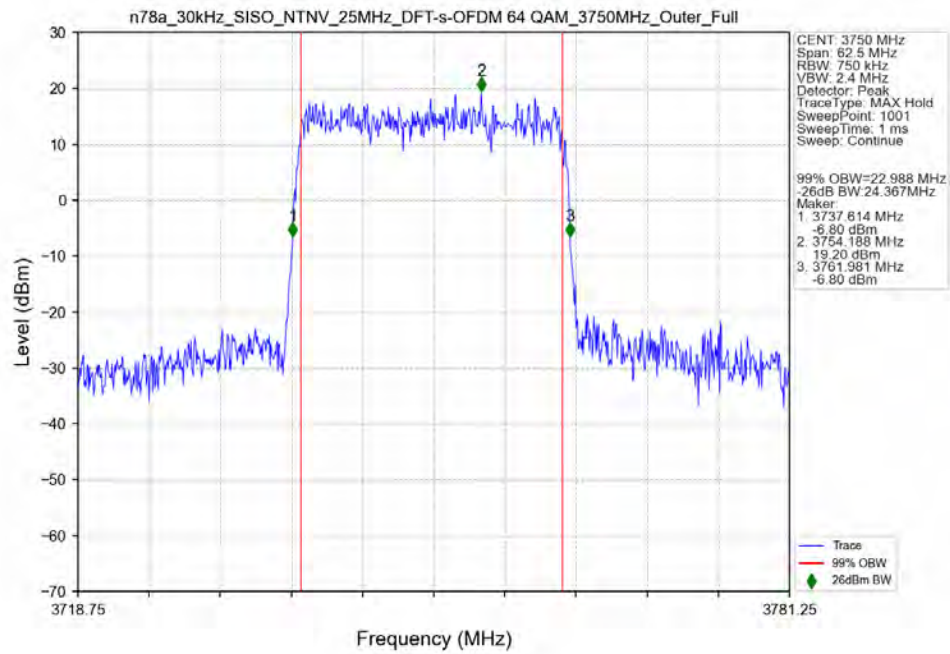
3.2.4 30k_SISO_25MHz_NTNV



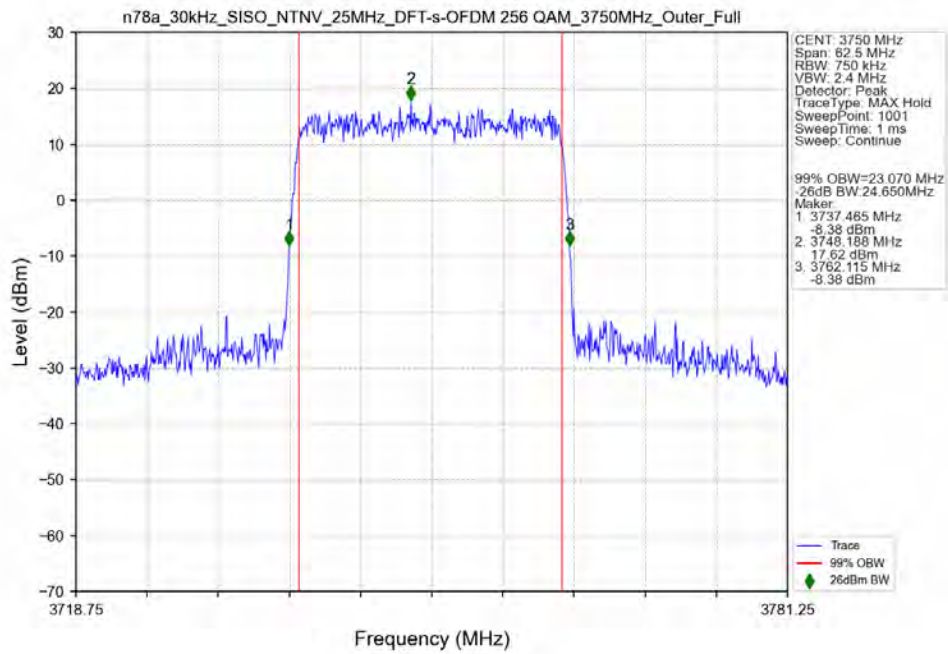
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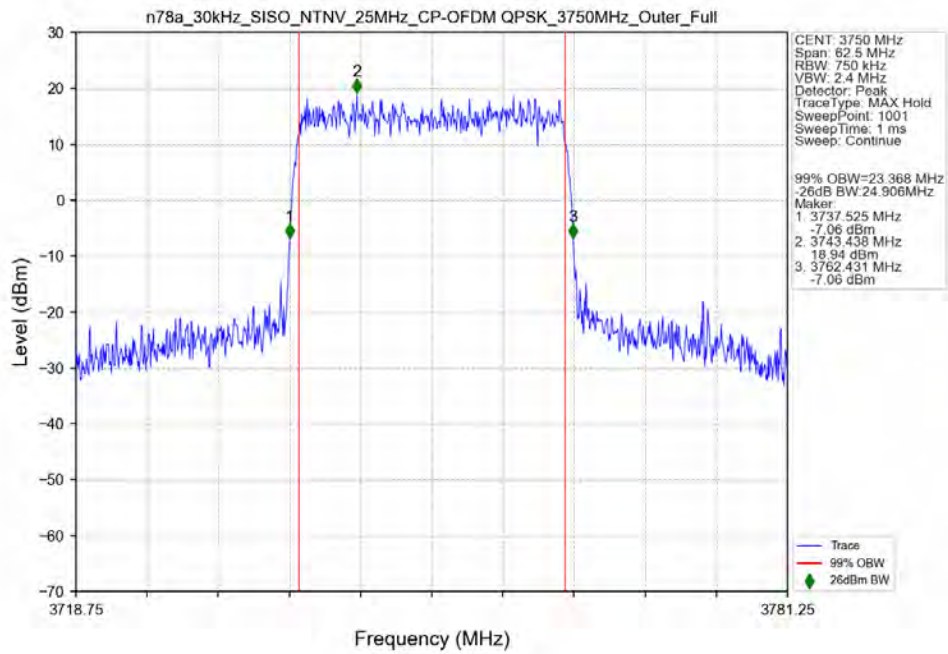
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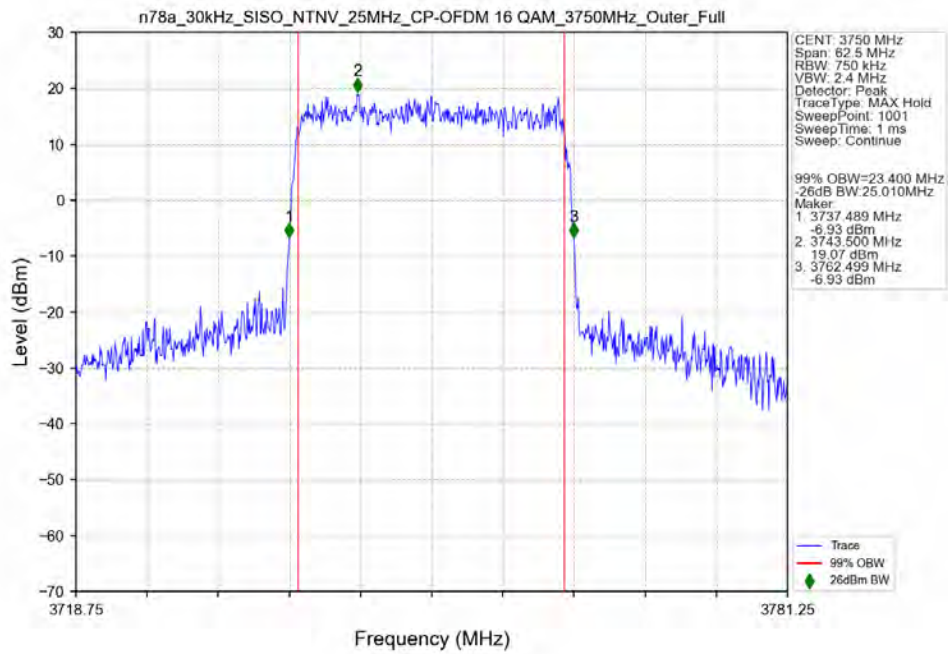
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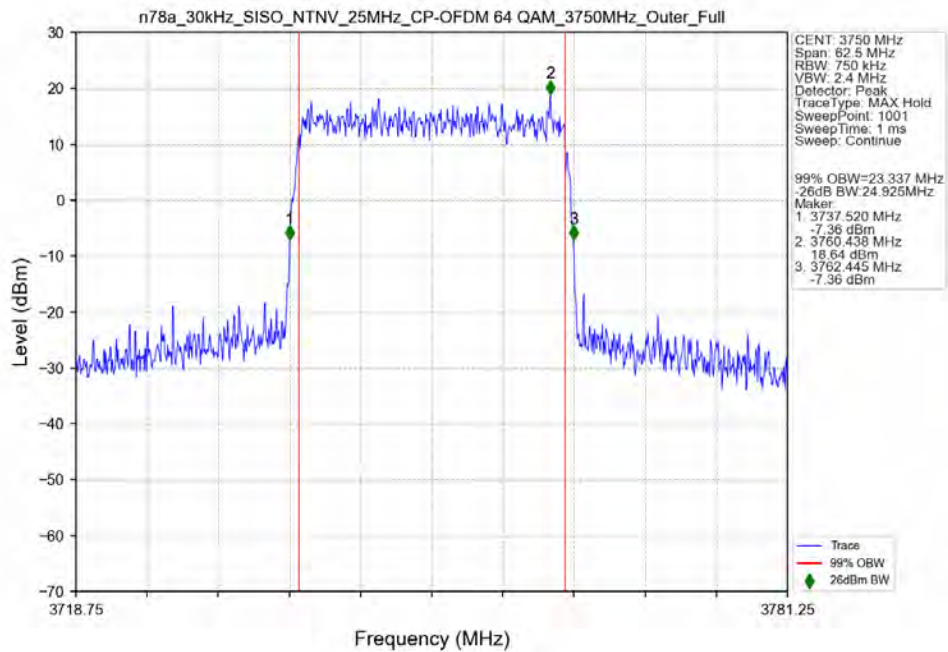
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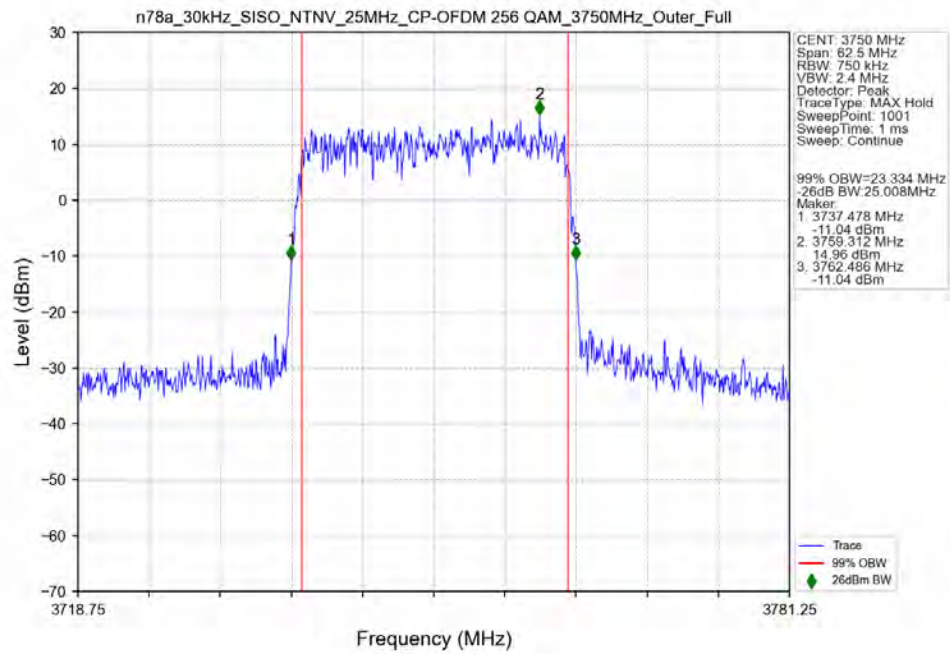
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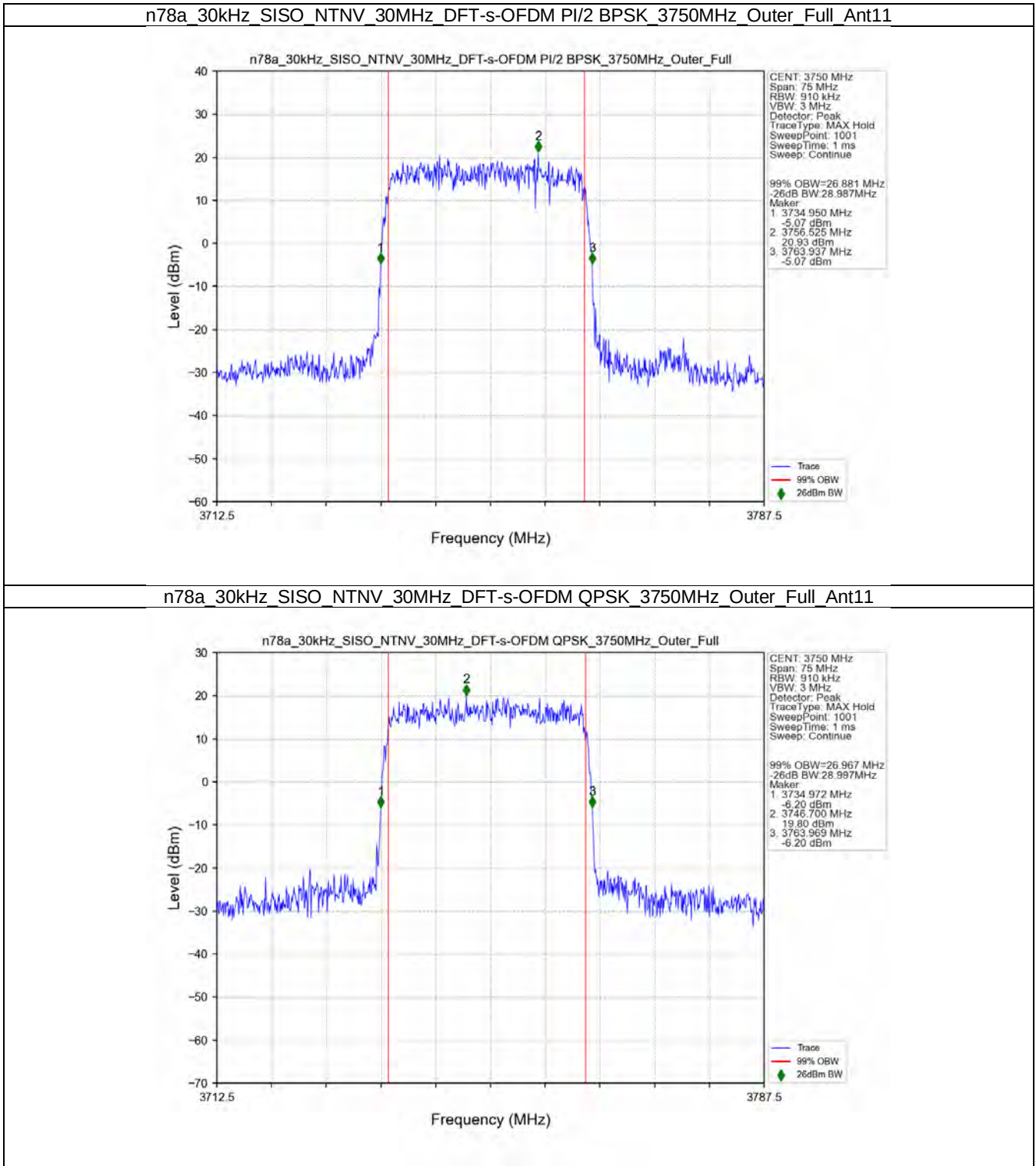
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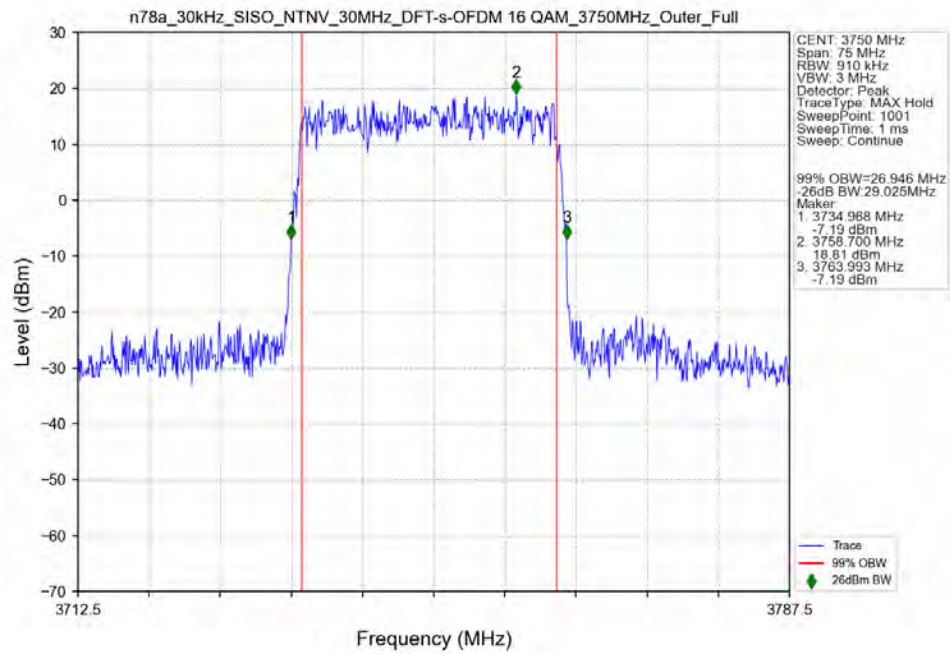
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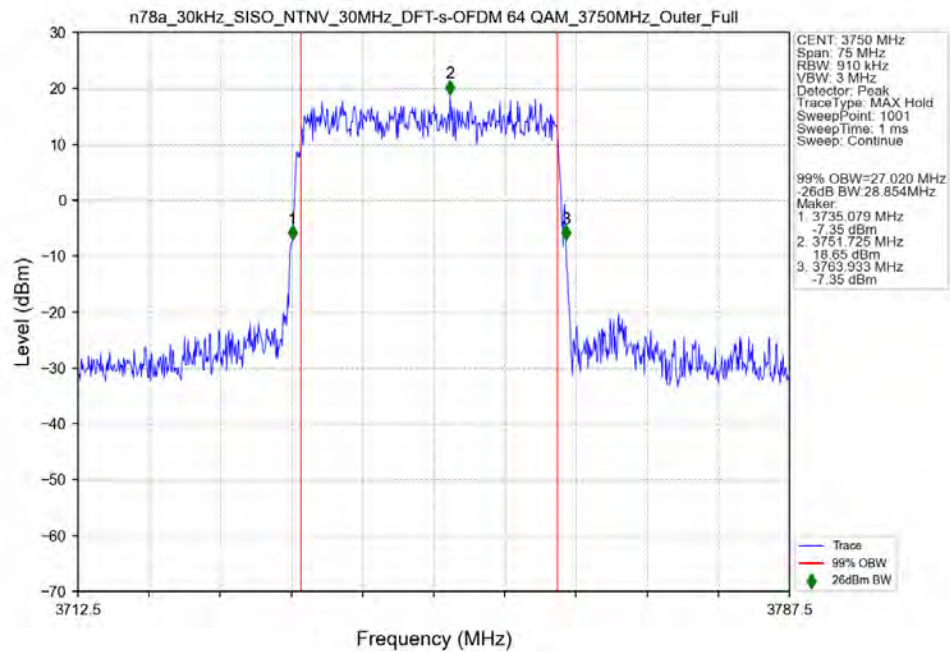
3.2.5 30k_SISO_30MHz_NTNV



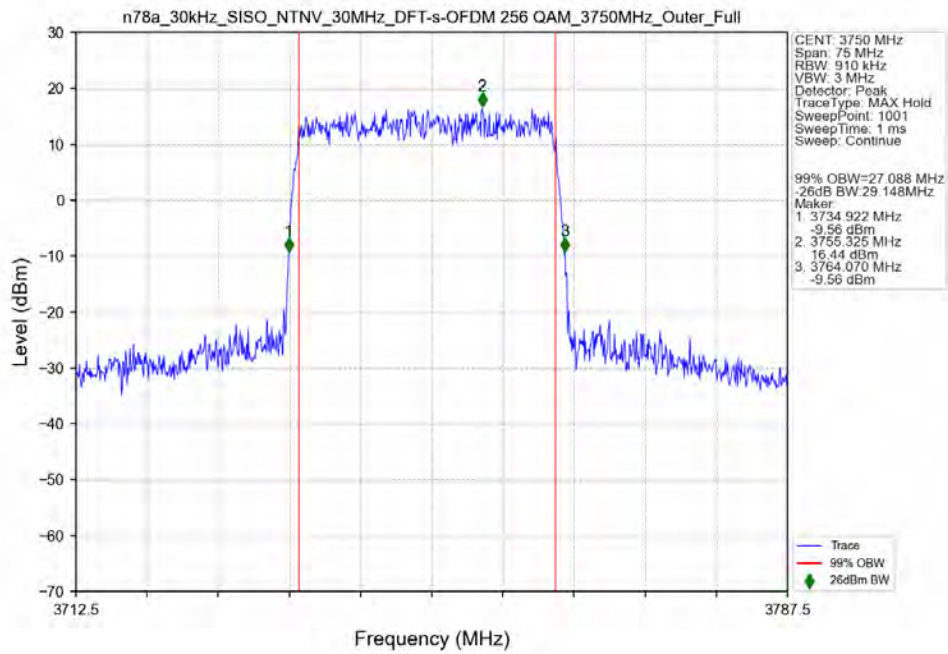
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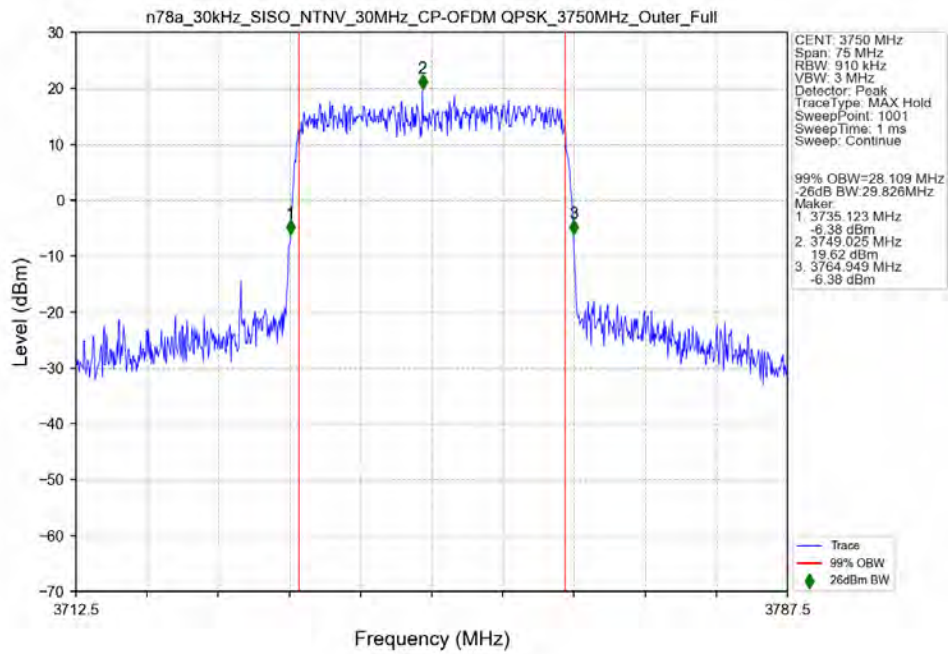
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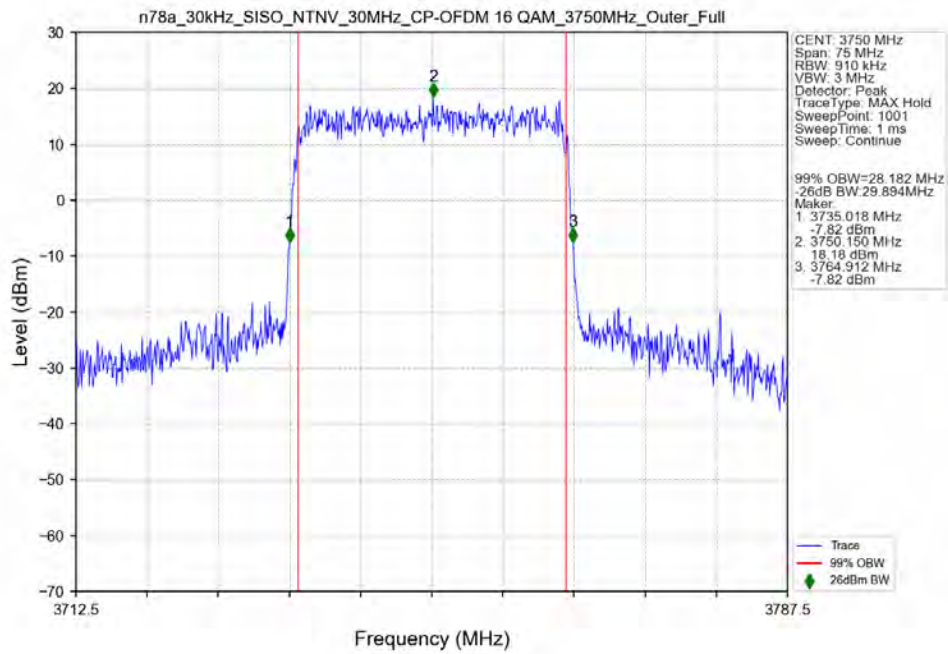
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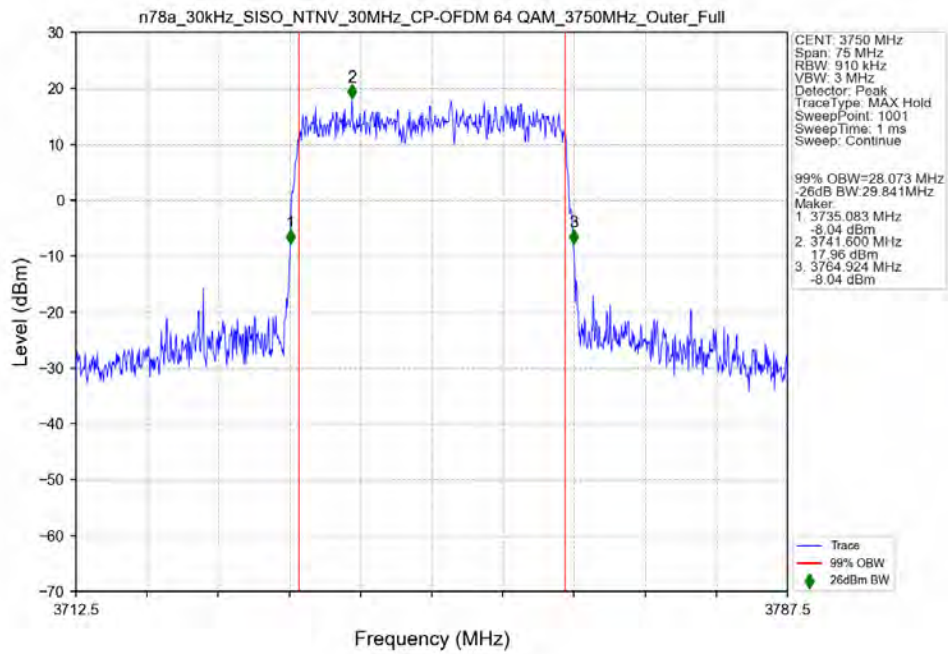
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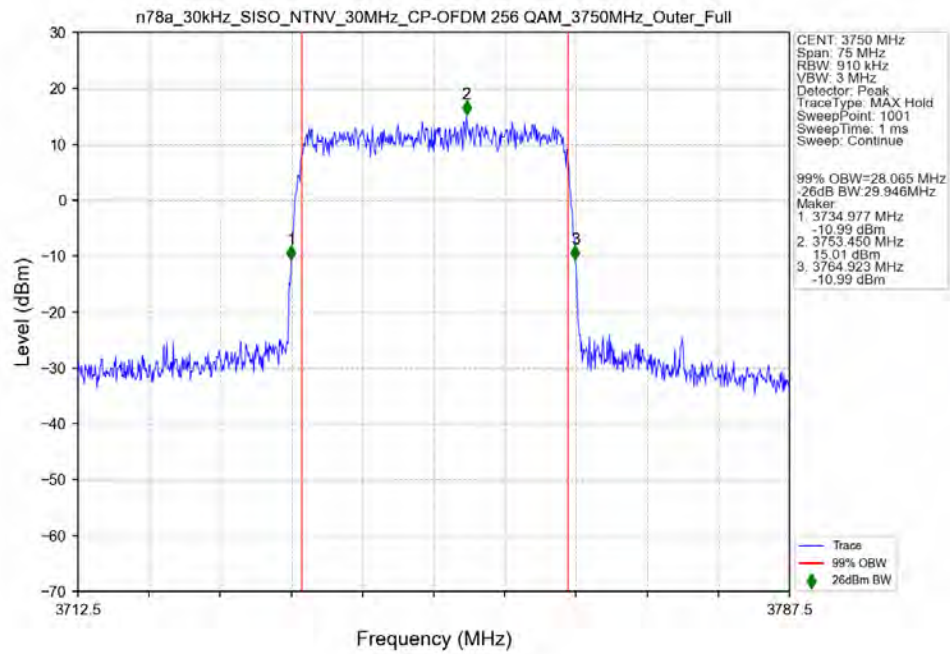
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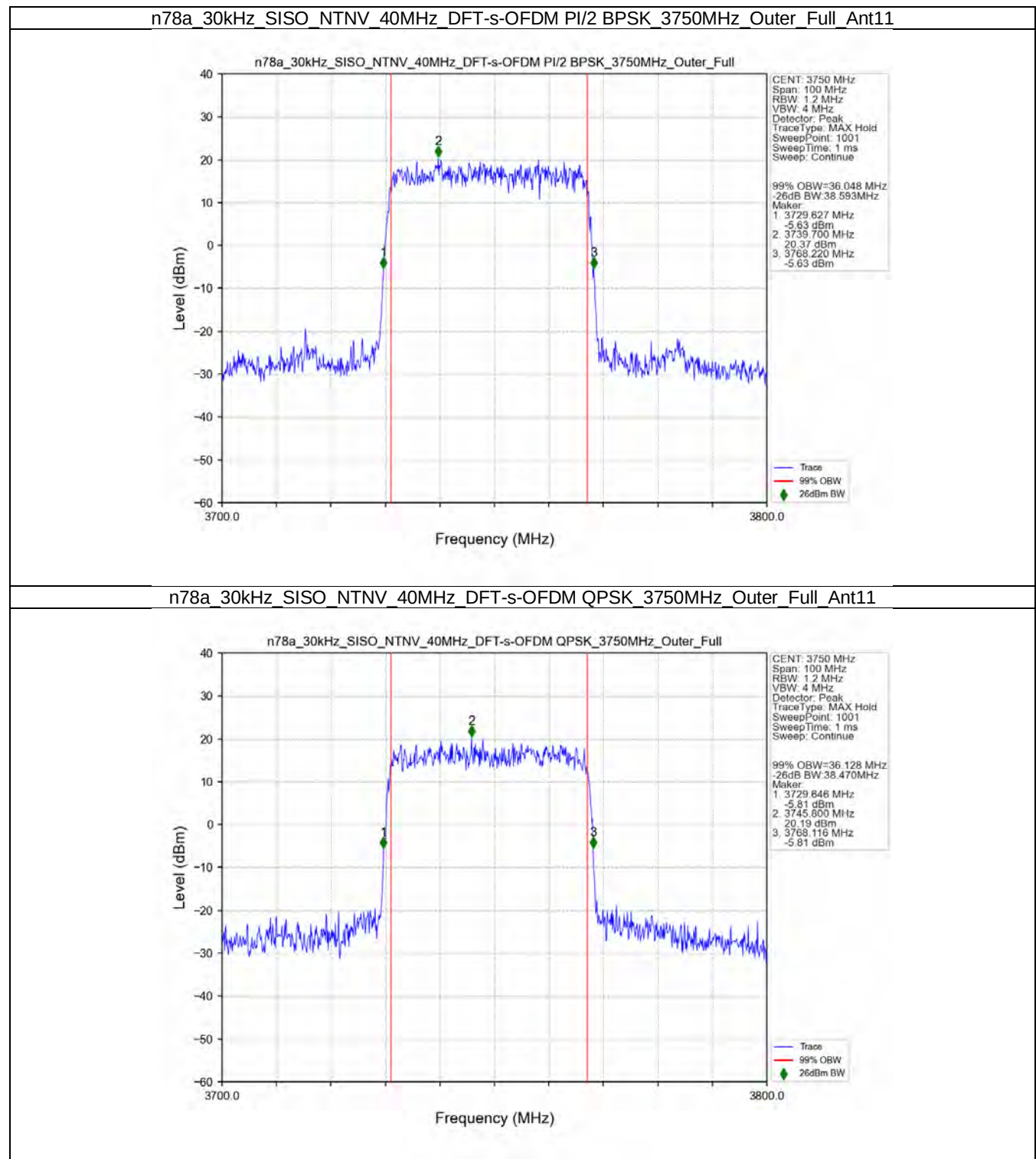
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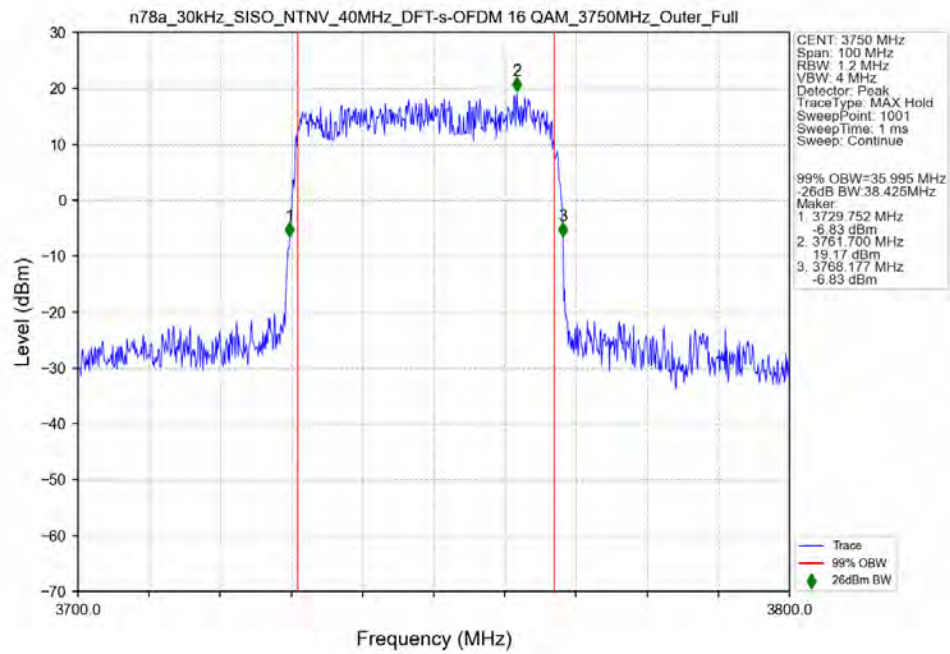
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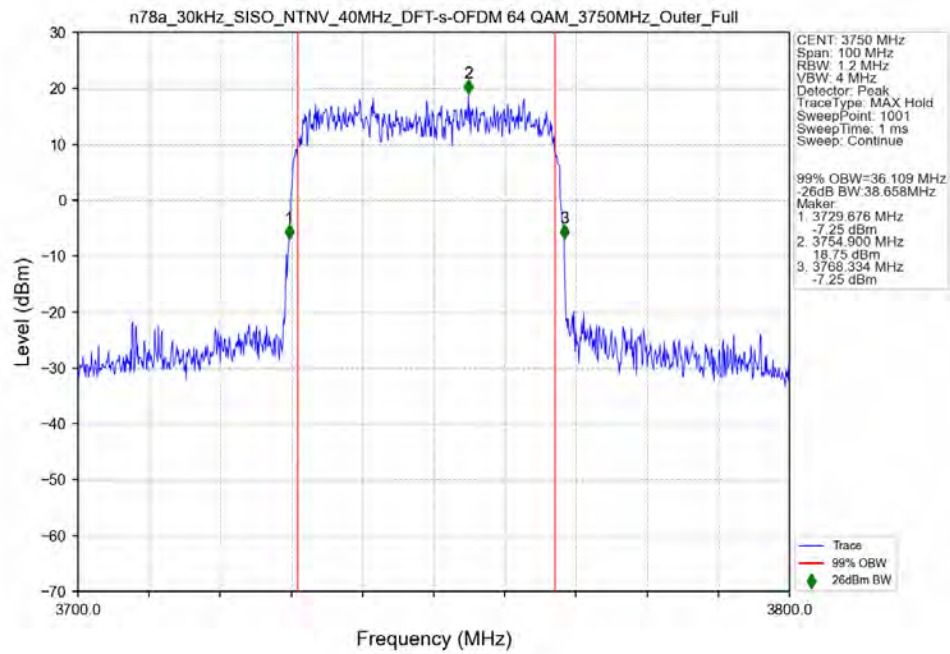
3.2.6 30k_SISO_40MHz_NTNV



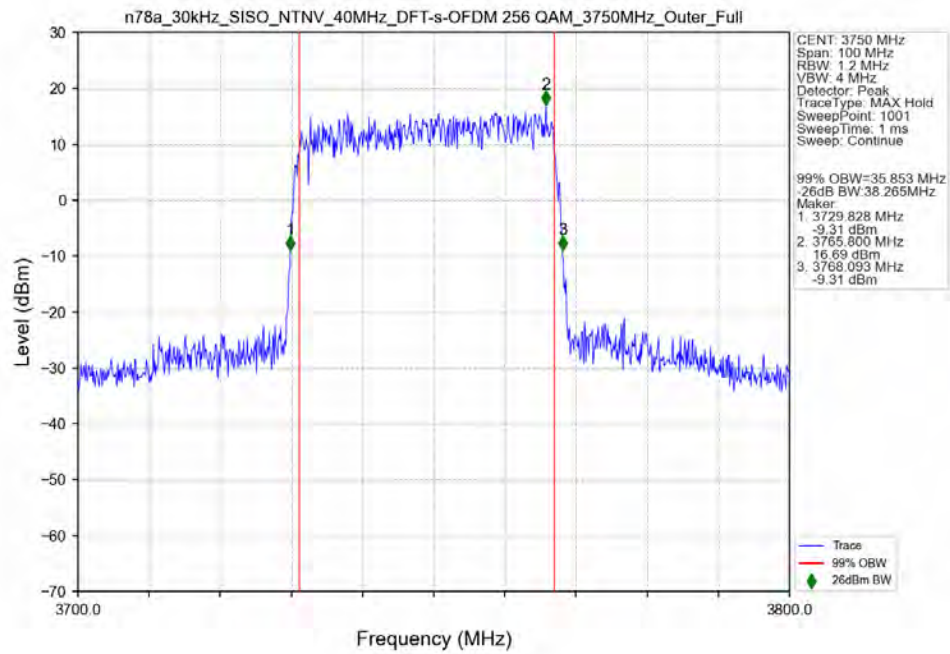
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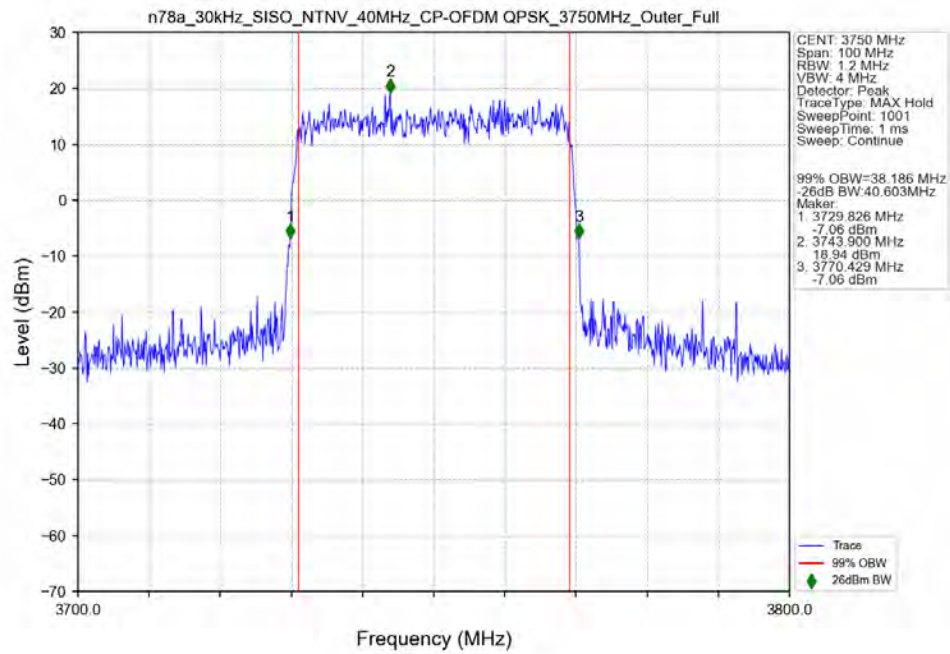
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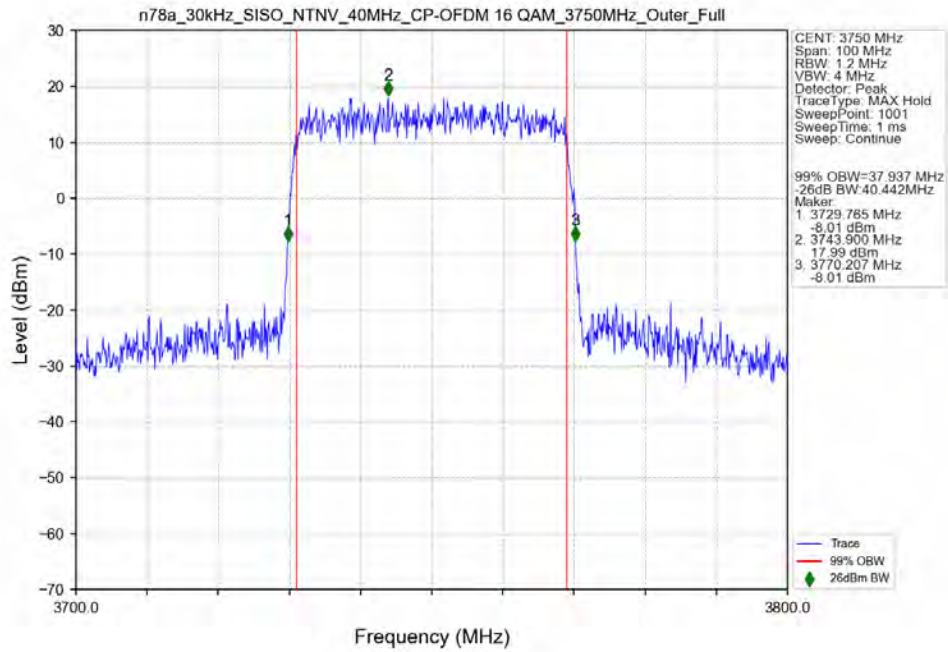
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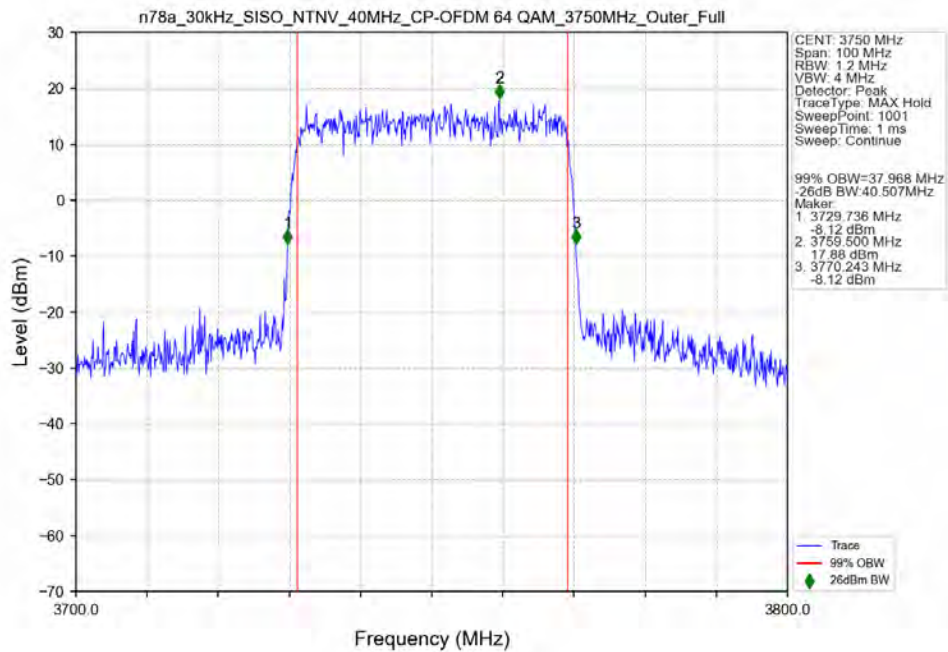
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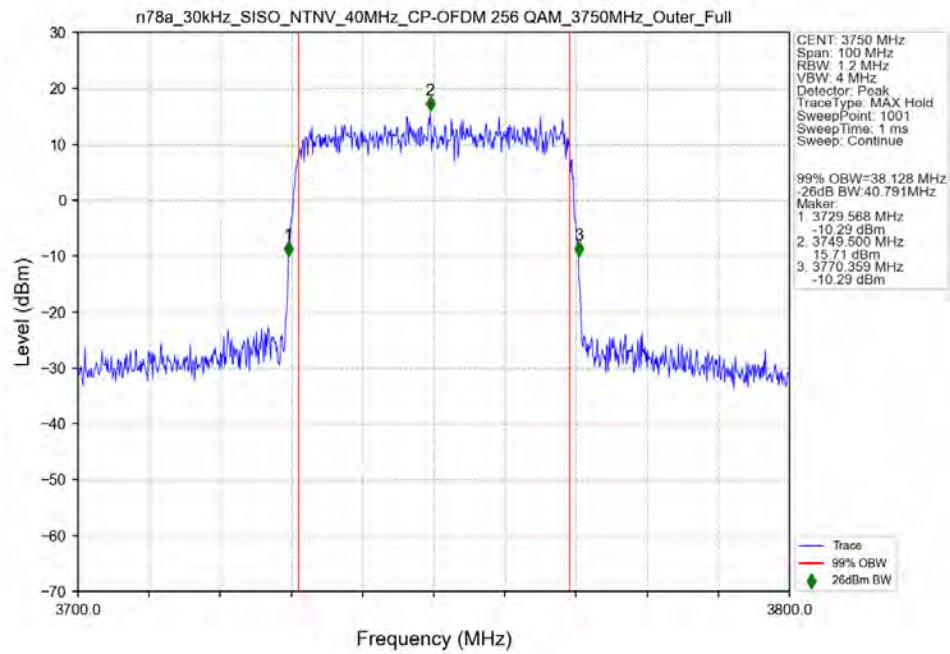
n78a_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM 3750MHz Outer Full Ant11



n78a_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM 3750MHz_Outer_Full Ant11



n78a_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant11



n78a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Outer_Full_Ant11

n78a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3750MHz_Outer_Full

Level (dBm)

Frequency (MHz)

CENT: 3750 MHz
Span: 125 MHz
RBW: 1.5 MHz
VBW: 5 MHz
Detector: Peak
Trace Type: MAX Hold
SweepPoint: 1001
SweepTime: 1 ms
Sweep: Continue

99% OBW=46.174 MHz
-26dB BW=48.985MHz
Marker:
1 3724.552 MHz
-4.40 dBm
2 3759.875 MHz
21.60 dBm
3 3773.537 MHz
-4.40 dBm

Trace
99% OBW
26dBm BW

n78a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3750MHz_Outer_Full_Ant11

n78a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3750MHz_Outer_Full

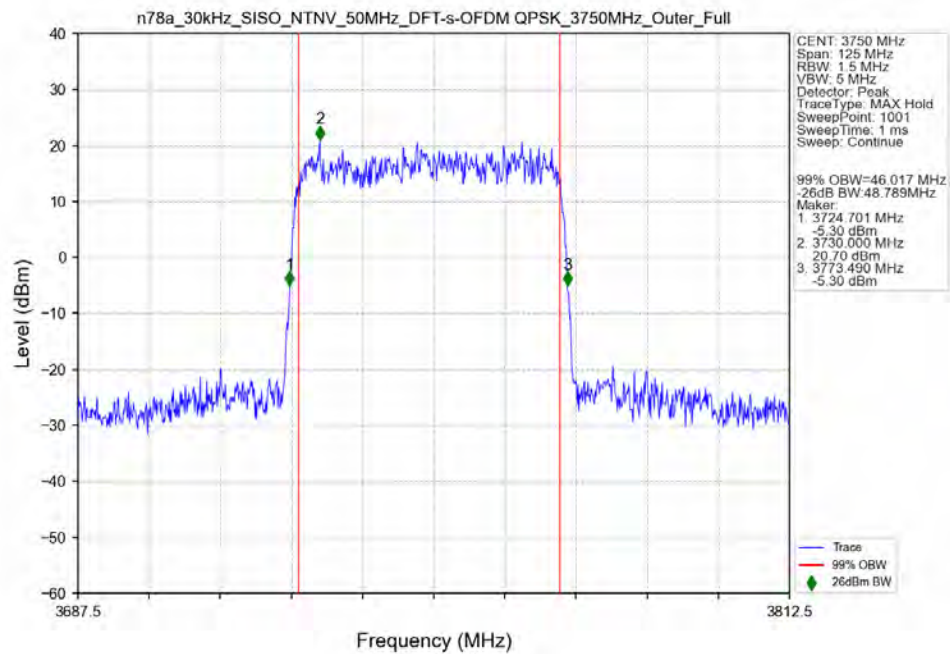
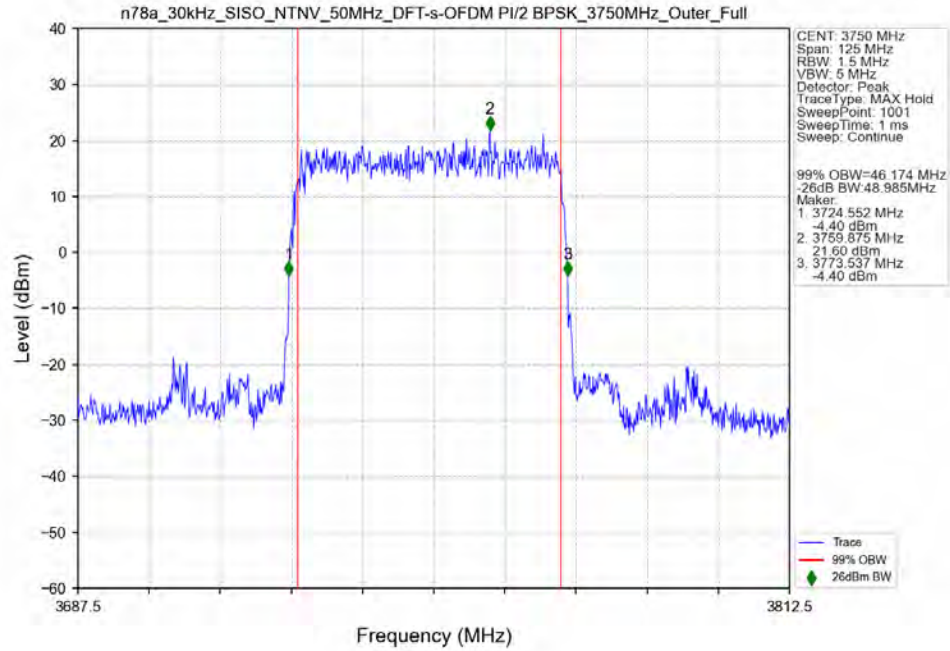
Level (dBm)

Frequency (MHz)

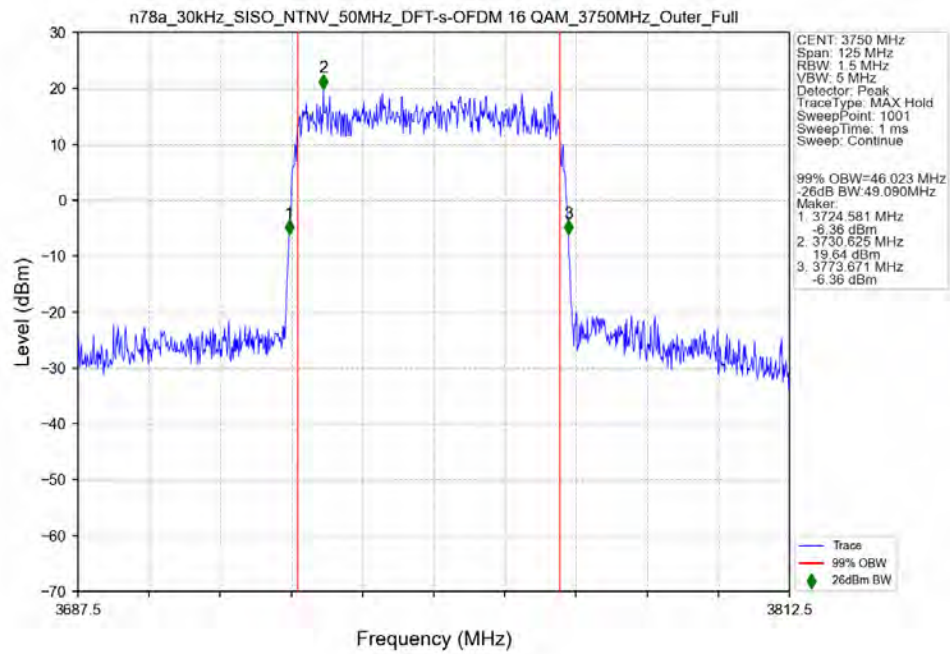
CENT: 3750 MHz
Span: 125 MHz
RBW: 1.5 MHz
VBW: 5 MHz
Detector: Peak
Trace Type: MAX Hold
SweepPoint: 1001
SweepTime: 1 ms
Sweep: Continue

99% OBW=46.017 MHz
-26dB BW=48.789MHz
Marker:
1 3724.701 MHz
-5.30 dBm
2 3730.000 MHz
20.70 dBm
3 3773.490 MHz
-5.30 dBm

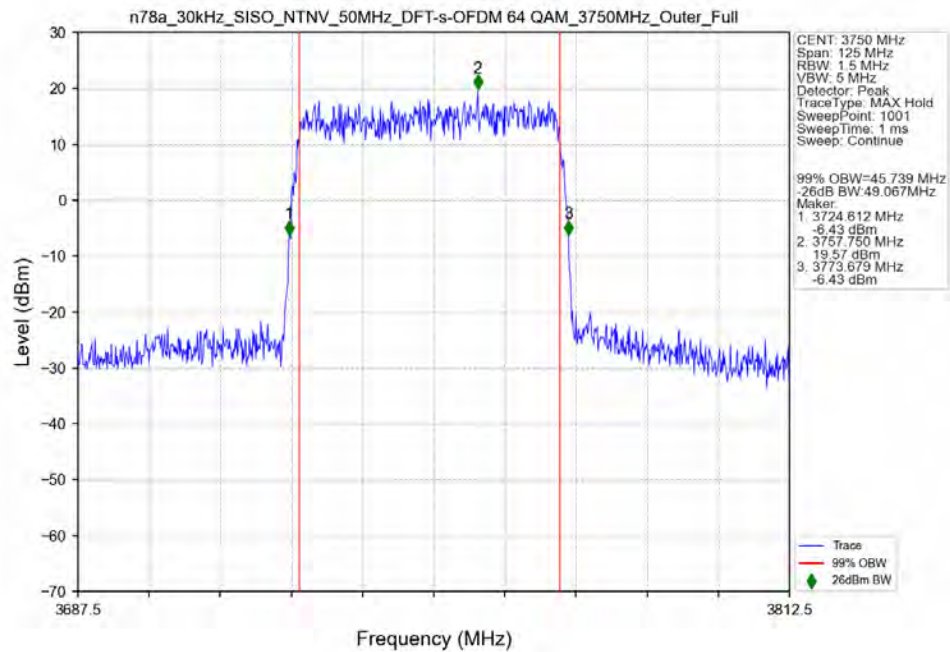
Trace
99% OBW
26dBm BW



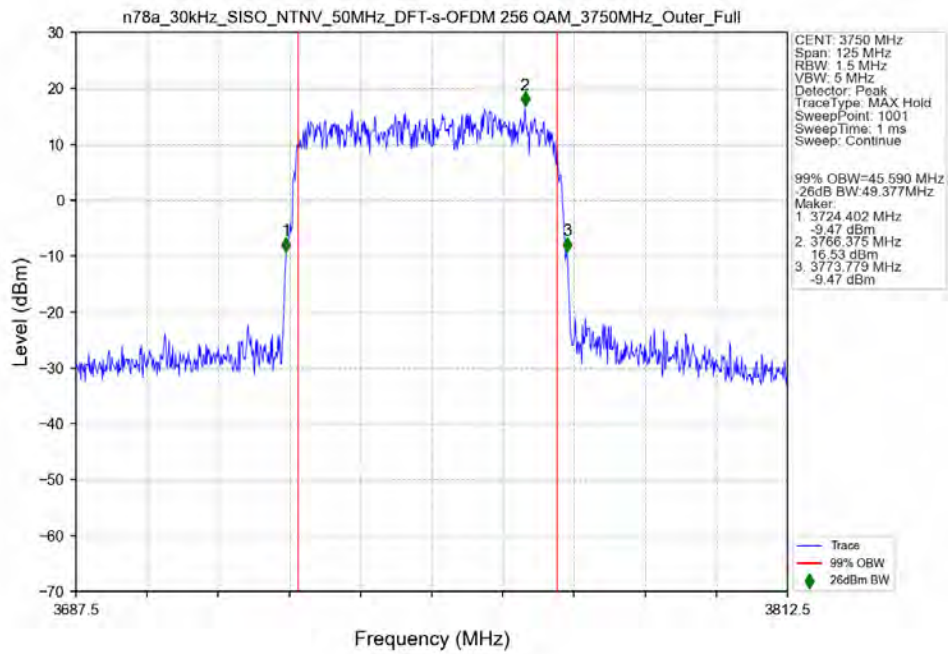
n78a_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM_16_QAM_3750MHz_Outer_Full_Ant11



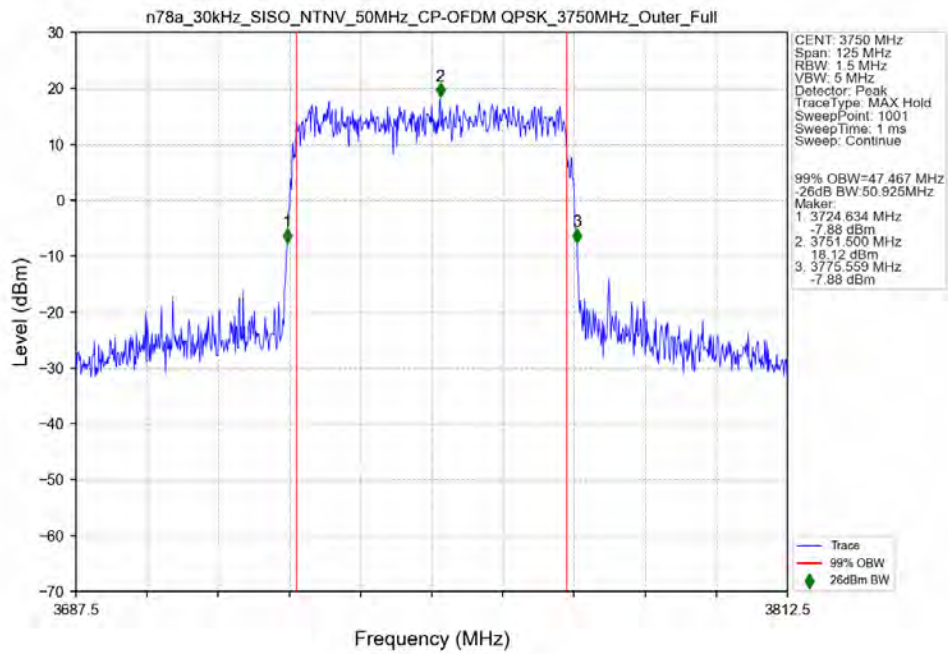
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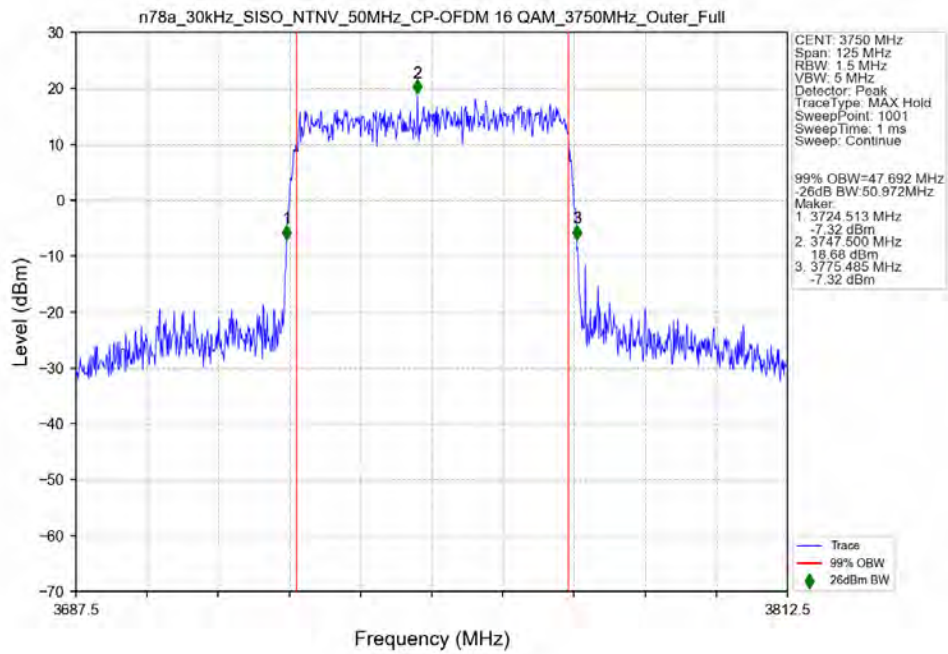
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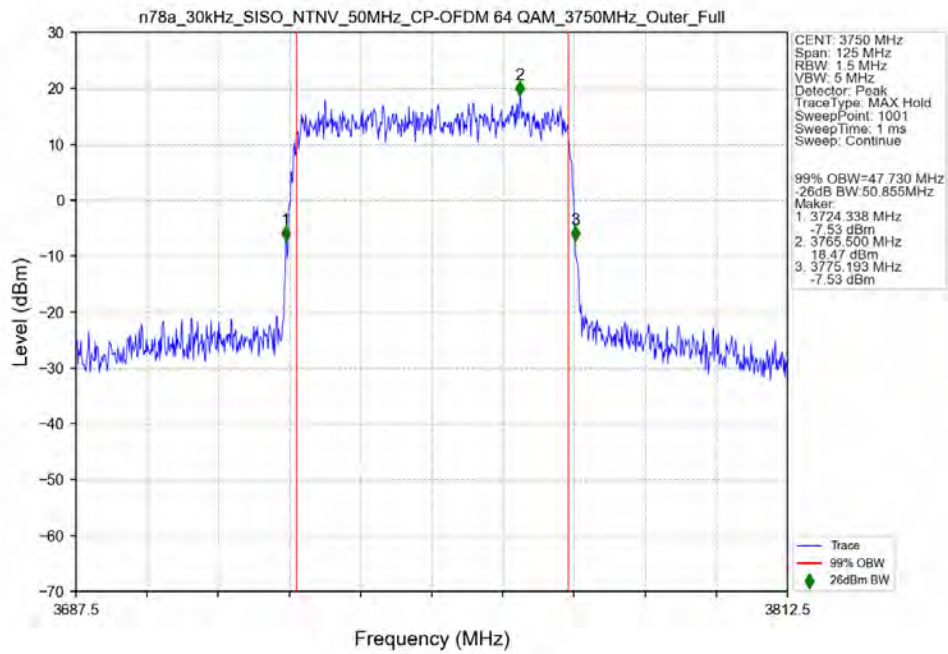
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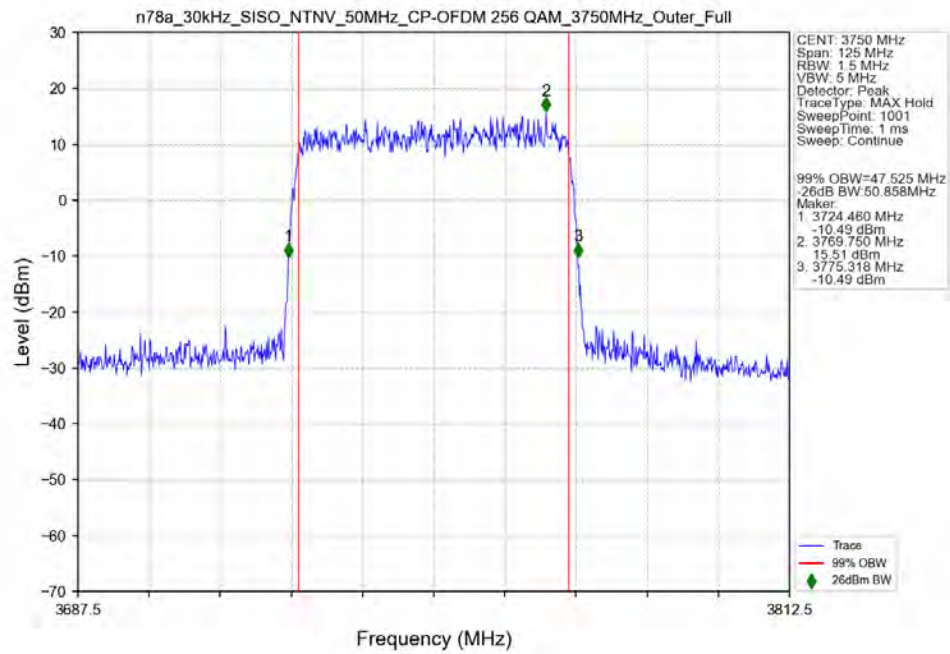
n78a_30kHz_SISO_NTNV_50MHz_CP-OFDM 16 QAM 3750MHz_Outer_Full_Ant11



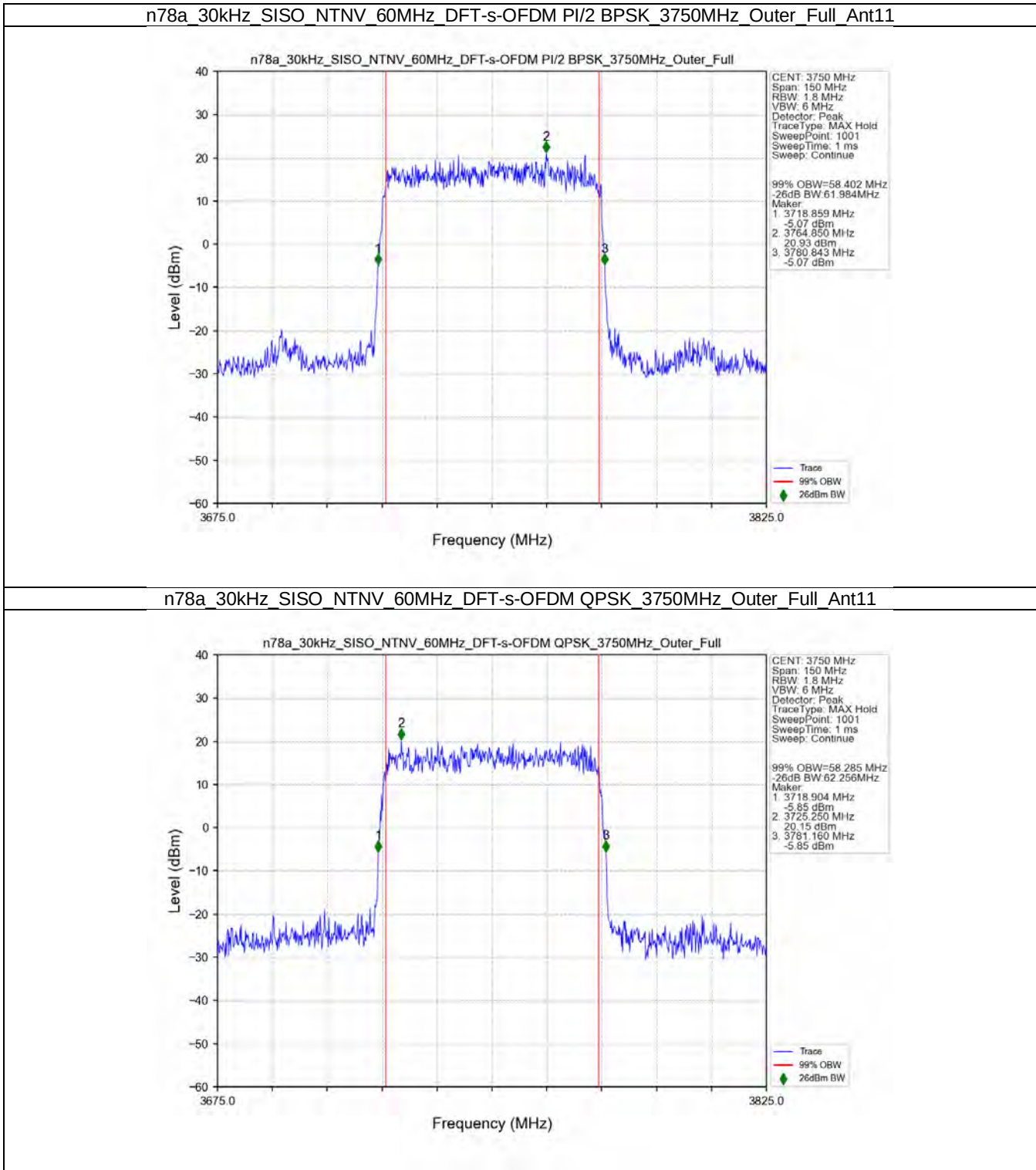
n78a_30kHz_SISO_NTNV_50MHz_CP-OFDM 64 QAM 3750MHz_Outer_Full_Ant11



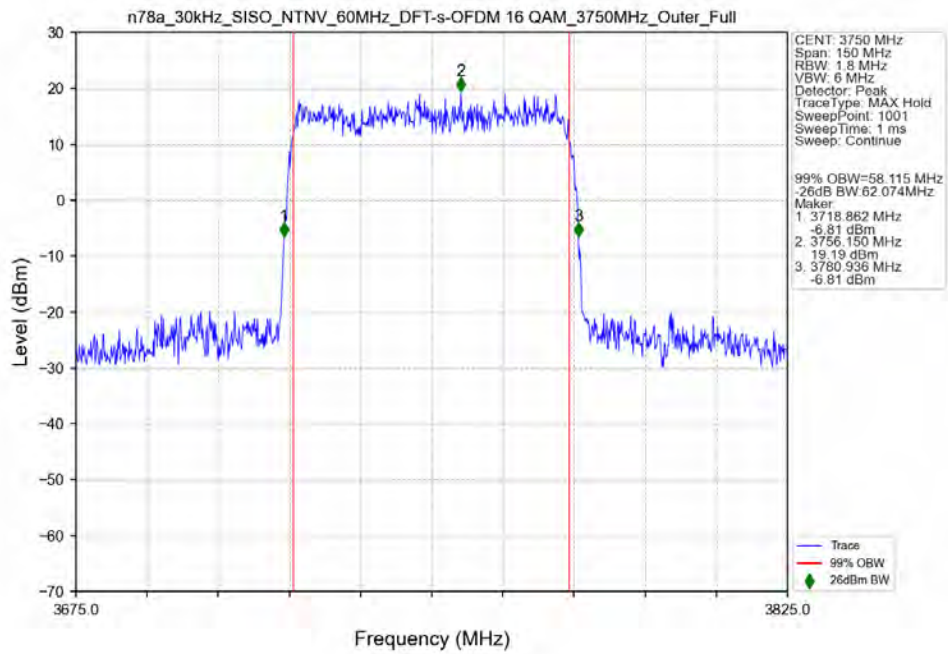
n78a_30kHz_SISO_NTNV_50MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant11



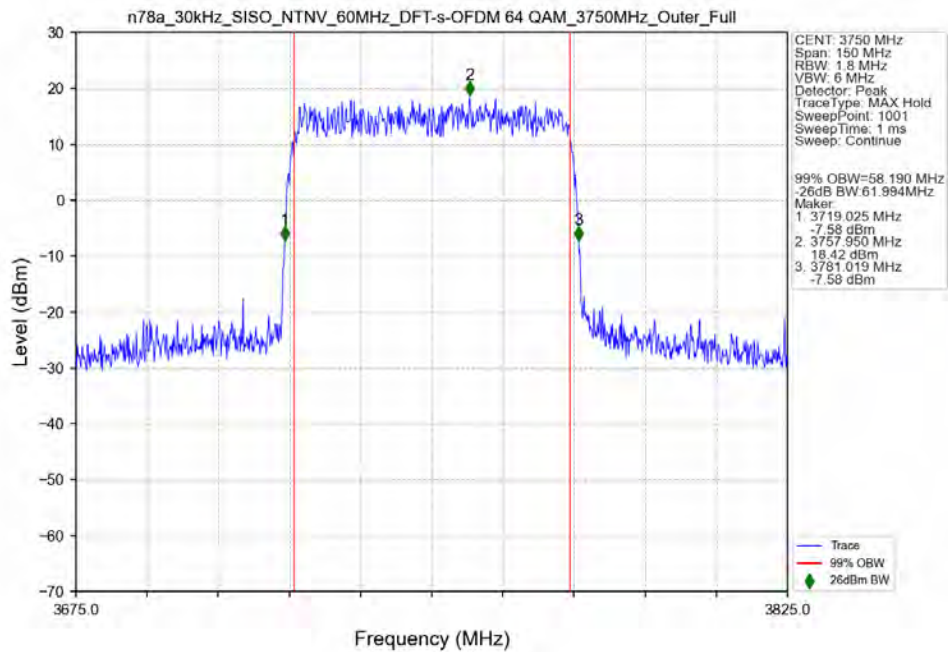
3.2.8 30k_SISO_60MHz_NTNV



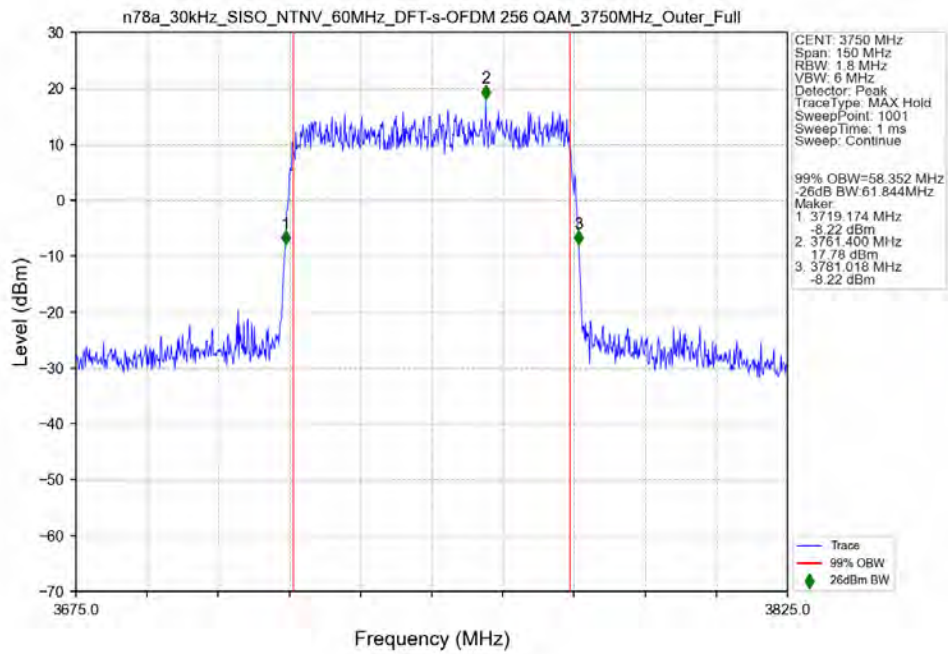
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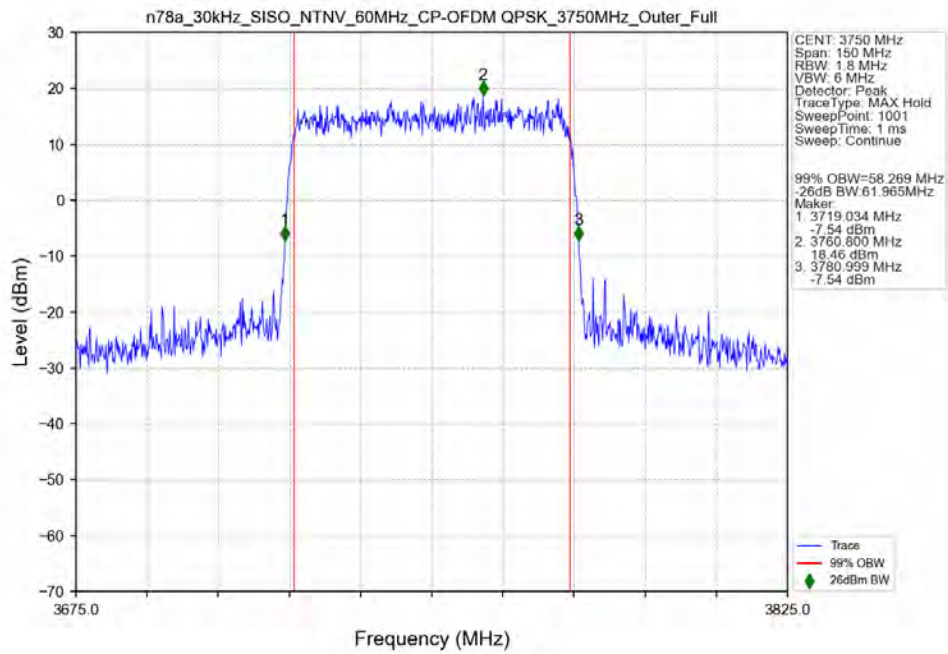
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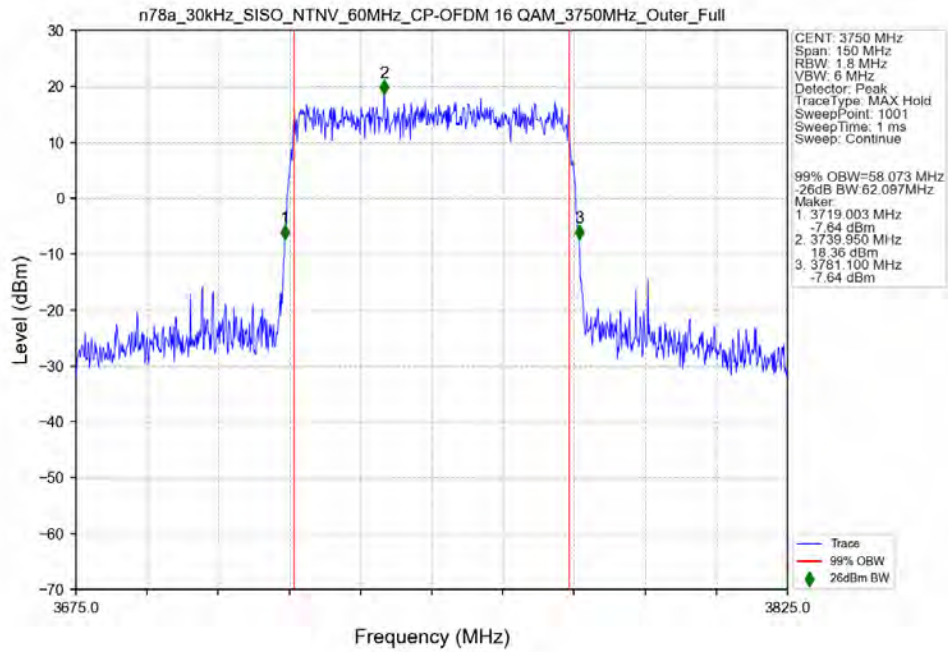
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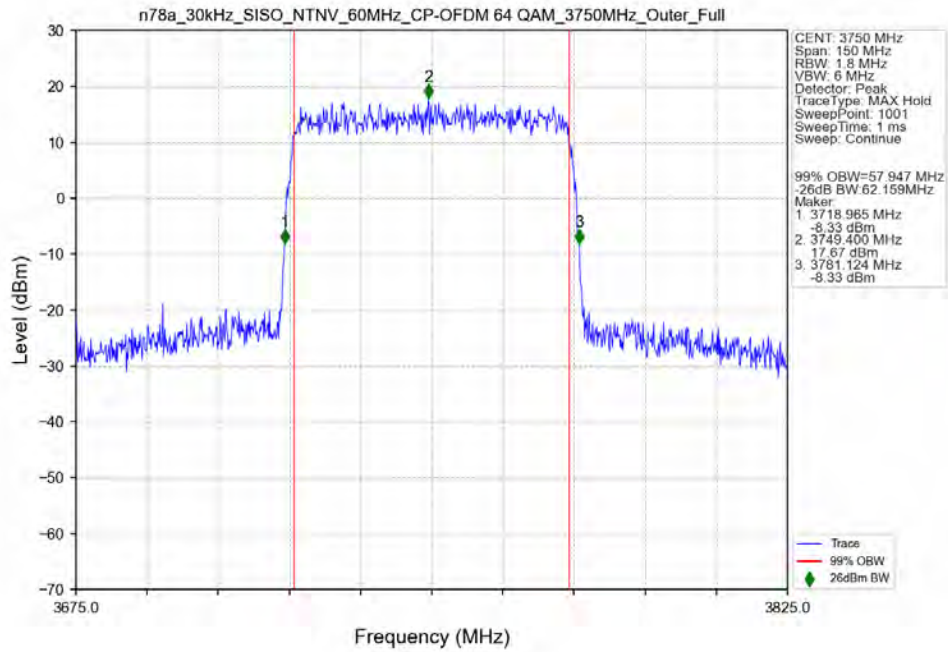
n78a_30kHz_SISO_NTNV_60MHz_CP-OFDM_QPSK_3750MHz_Outer_Full_Ant11



n78a_30kHz_SISO_NTNV_60MHz_CP-OFDM_16_QAM_3750MHz_Outer_Full_Ant11



n78a_30kHz_SISO_NTNV_60MHz_CP-OFDM_64_QAM_3750MHz_Outer_Full_Ant11



n78a_30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant11

