

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30k_SISO_10MHz_NTNV_EIRP

5G NR n78e 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	3455.01	Edge_1RB_Left	21.52	/	/	23.02	/	/	<=30	Pass
		Edge_1RB_Right	21.46	/	/	22.96	/	/	<=30	Pass
		Outer_Full	24.48	/	/	25.98	/	/	<=30	Pass
		Inner_Full	24.90	/	/	26.40	/	/	<=30	Pass
		Inner_1RB_Left	24.81	/	/	26.31	/	/	<=30	Pass
		Inner_1RB_Right	24.93	/	/	26.43	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.40	/	/	22.90	/	/	<=30	Pass
		Edge_1RB_Right	21.57	/	/	23.07	/	/	<=30	Pass
		Outer_Full	24.42	/	/	25.92	/	/	<=30	Pass
		Inner_Full	24.88	/	/	26.38	/	/	<=30	Pass
		Inner_1RB_Left	24.74	/	/	26.24	/	/	<=30	Pass
		Inner_1RB_Right	24.90	/	/	26.40	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	21.89	/	/	23.39	/	/	<=30	Pass
		Edge_1RB_Right	21.87	/	/	23.37	/	/	<=30	Pass
		Outer_Full	24.89	/	/	26.39	/	/	<=30	Pass
		Inner_Full	25.27	/	/	26.77	/	/	<=30	Pass
		Inner_1RB_Left	25.17	/	/	26.67	/	/	<=30	Pass
		Inner_1RB_Right	25.29	/	/	26.79	/	/	<=30	Pass
DFT-s-OFDM QPSK	3455.01	Edge_1RB_Left	21.91	/	/	23.41	/	/	<=30	Pass
		Edge_1RB_Right	22.10	/	/	23.60	/	/	<=30	Pass
		Outer_Full	24.44	/	/	25.94	/	/	<=30	Pass
		Inner_Full	24.85	/	/	26.35	/	/	<=30	Pass
		Inner_1RB_Left	24.82	/	/	26.32	/	/	<=30	Pass
		Inner_1RB_Right	24.91	/	/	26.41	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.86	/	/	23.36	/	/	<=30	Pass
		Edge_1RB_Right	22.07	/	/	23.57	/	/	<=30	Pass
		Outer_Full	24.43	/	/	25.93	/	/	<=30	Pass
		Inner_Full	24.79	/	/	26.29	/	/	<=30	Pass
		Inner_1RB_Left	24.76	/	/	26.26	/	/	<=30	Pass
		Inner_1RB_Right	24.82	/	/	26.32	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	22.30	/	/	23.80	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	24.01	/	/	<=30	Pass
		Outer_Full	24.84	/	/	26.34	/	/	<=30	Pass
		Inner_Full	25.30	/	/	26.80	/	/	<=30	Pass
		Inner_1RB_Left	25.20	/	/	26.70	/	/	<=30	Pass
		Inner_1RB_Right	25.29	/	/	26.79	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3455.01	Edge_1RB_Left	21.86	/	/	23.36	/	/	<=30	Pass
		Edge_1RB_Right	21.86	/	/	23.36	/	/	<=30	Pass
		Outer_Full	23.96	/	/	25.46	/	/	<=30	Pass
		Inner_Full	24.50	/	/	26.00	/	/	<=30	Pass
		Inner_1RB_Left	24.31	/	/	25.81	/	/	<=30	Pass
		Inner_1RB_Right	24.40	/	/	25.90	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.72	/	/	23.22	/	/	<=30	Pass
		Edge_1RB_Right	21.89	/	/	23.39	/	/	<=30	Pass
		Outer_Full	23.89	/	/	25.39	/	/	<=30	Pass
		Inner_Full	24.38	/	/	25.88	/	/	<=30	Pass
		Inner_1RB_Left	24.18	/	/	25.68	/	/	<=30	Pass
		Inner_1RB_Right	24.24	/	/	25.74	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	22.09	/	/	23.59	/	/	<=30	Pass

		Edge_1RB_Right	22.15	/	/	23.65	/	/	<=30	Pass
		Outer_Full	24.29	/	/	25.79	/	/	<=30	Pass
		Inner_Full	24.87	/	/	26.37	/	/	<=30	Pass
		Inner_1RB_Left	24.59	/	/	26.09	/	/	<=30	Pass
		Inner_1RB_Right	24.63	/	/	26.13	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3455.01	Edge_1RB_Left	22.24	/	/	23.74	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	23.71	/	/	<=30	Pass
		Outer_Full	22.98	/	/	24.48	/	/	<=30	Pass
		Inner_Full	22.96	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Left	23.14	/	/	24.64	/	/	<=30	Pass
		Inner_1RB_Right	23.19	/	/	24.69	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.14	/	/	23.64	/	/	<=30	Pass
		Edge_1RB_Right	22.20	/	/	23.70	/	/	<=30	Pass
		Outer_Full	22.84	/	/	24.34	/	/	<=30	Pass
		Inner_Full	22.96	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Left	23.09	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Right	23.12	/	/	24.62	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	22.49	/	/	23.99	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	24.09	/	/	<=30	Pass
		Outer_Full	23.33	/	/	24.83	/	/	<=30	Pass
		Inner_Full	23.54	/	/	25.04	/	/	<=30	Pass
		Inner_1RB_Left	23.41	/	/	24.91	/	/	<=30	Pass
		Inner_1RB_Right	23.55	/	/	25.05	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3455.01	Edge_1RB_Left	20.45	/	/	21.95	/	/	<=30	Pass
		Edge_1RB_Right	20.59	/	/	22.09	/	/	<=30	Pass
		Outer_Full	20.68	/	/	22.18	/	/	<=30	Pass
		Inner_Full	20.66	/	/	22.16	/	/	<=30	Pass
		Inner_1RB_Left	20.48	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Right	20.61	/	/	22.11	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.39	/	/	21.89	/	/	<=30	Pass
		Edge_1RB_Right	20.52	/	/	22.02	/	/	<=30	Pass
		Outer_Full	20.53	/	/	22.03	/	/	<=30	Pass
		Inner_Full	20.64	/	/	22.14	/	/	<=30	Pass
		Inner_1RB_Left	20.36	/	/	21.86	/	/	<=30	Pass
		Inner_1RB_Right	20.49	/	/	21.99	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	20.81	/	/	22.31	/	/	<=30	Pass
		Edge_1RB_Right	20.93	/	/	22.43	/	/	<=30	Pass
		Outer_Full	20.97	/	/	22.47	/	/	<=30	Pass
		Inner_Full	21.08	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Left	20.81	/	/	22.31	/	/	<=30	Pass
		Inner_1RB_Right	20.93	/	/	22.43	/	/	<=30	Pass
CP-OFDM QPSK	3455.01	Edge_1RB_Left	21.89	/	/	23.39	/	/	<=30	Pass
		Edge_1RB_Right	21.98	/	/	23.48	/	/	<=30	Pass
		Outer_Full	22.47	/	/	23.97	/	/	<=30	Pass
		Inner_Full	23.77	/	/	25.27	/	/	<=30	Pass
		Inner_1RB_Left	24.03	/	/	25.53	/	/	<=30	Pass
		Inner_1RB_Right	24.03	/	/	25.53	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.69	/	/	23.19	/	/	<=30	Pass
		Edge_1RB_Right	21.94	/	/	23.44	/	/	<=30	Pass
		Outer_Full	22.36	/	/	23.86	/	/	<=30	Pass
		Inner_Full	23.62	/	/	25.12	/	/	<=30	Pass
		Inner_1RB_Left	23.97	/	/	25.47	/	/	<=30	Pass
		Inner_1RB_Right	23.93	/	/	25.43	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	22.28	/	/	23.78	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	23.89	/	/	<=30	Pass
		Outer_Full	22.70	/	/	24.20	/	/	<=30	Pass
		Inner_Full	24.12	/	/	25.62	/	/	<=30	Pass
		Inner_1RB_Left	24.31	/	/	25.81	/	/	<=30	Pass
		Inner_1RB_Right	24.34	/	/	25.84	/	/	<=30	Pass

CP-OFDM 16 QAM	3455.01	Edge 1RB Left	21.59	/	/	23.09	/	/	<=30	Pass
		Edge 1RB Right	21.89	/	/	23.39	/	/	<=30	Pass
		Outer_Full	22.54	/	/	24.04	/	/	<=30	Pass
		Inner_Full	23.42	/	/	24.92	/	/	<=30	Pass
		Inner 1RB Left	23.03	/	/	24.53	/	/	<=30	Pass
		Inner 1RB Right	23.04	/	/	24.54	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.63	/	/	23.13	/	/	<=30	Pass
		Edge 1RB Right	21.91	/	/	23.41	/	/	<=30	Pass
		Outer_Full	22.52	/	/	24.02	/	/	<=30	Pass
		Inner_Full	23.45	/	/	24.95	/	/	<=30	Pass
		Inner 1RB Left	22.92	/	/	24.42	/	/	<=30	Pass
		Inner 1RB Right	23.02	/	/	24.52	/	/	<=30	Pass
	3544.98	Edge 1RB Left	22.13	/	/	23.63	/	/	<=30	Pass
		Edge 1RB Right	21.89	/	/	23.39	/	/	<=30	Pass
		Outer_Full	22.92	/	/	24.42	/	/	<=30	Pass
		Inner_Full	23.90	/	/	25.40	/	/	<=30	Pass
		Inner 1RB Left	23.46	/	/	24.96	/	/	<=30	Pass
		Inner 1RB Right	23.57	/	/	25.07	/	/	<=30	Pass
CP-OFDM 64 QAM	3455.01	Edge 1RB Left	22.01	/	/	23.51	/	/	<=30	Pass
		Edge 1RB Right	22.18	/	/	23.68	/	/	<=30	Pass
		Outer_Full	21.88	/	/	23.38	/	/	<=30	Pass
		Inner_Full	22.11	/	/	23.61	/	/	<=30	Pass
		Inner 1RB Left	22.05	/	/	23.55	/	/	<=30	Pass
		Inner 1RB Right	22.28	/	/	23.78	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.95	/	/	23.45	/	/	<=30	Pass
		Edge 1RB Right	22.20	/	/	23.70	/	/	<=30	Pass
		Outer_Full	21.84	/	/	23.34	/	/	<=30	Pass
		Inner_Full	22.02	/	/	23.52	/	/	<=30	Pass
		Inner 1RB Left	21.97	/	/	23.47	/	/	<=30	Pass
		Inner 1RB Right	22.16	/	/	23.66	/	/	<=30	Pass
	3544.98	Edge 1RB Left	22.44	/	/	23.94	/	/	<=30	Pass
		Edge 1RB Right	22.46	/	/	23.96	/	/	<=30	Pass
		Outer_Full	22.39	/	/	23.89	/	/	<=30	Pass
		Inner_Full	22.39	/	/	23.89	/	/	<=30	Pass
		Inner 1RB Left	22.50	/	/	24.00	/	/	<=30	Pass
		Inner 1RB Right	22.59	/	/	24.09	/	/	<=30	Pass
CP-OFDM 256 QAM	3455.01	Edge 1RB Left	18.59	/	/	20.09	/	/	<=30	Pass
		Edge 1RB Right	18.74	/	/	20.24	/	/	<=30	Pass
		Outer_Full	18.68	/	/	20.18	/	/	<=30	Pass
		Inner_Full	18.73	/	/	20.23	/	/	<=30	Pass
		Inner 1RB Left	18.65	/	/	20.15	/	/	<=30	Pass
		Inner 1RB Right	18.74	/	/	20.24	/	/	<=30	Pass
	3500.01	Edge 1RB Left	18.48	/	/	19.98	/	/	<=30	Pass
		Edge 1RB Right	18.68	/	/	20.18	/	/	<=30	Pass
		Outer_Full	18.56	/	/	20.06	/	/	<=30	Pass
		Inner_Full	18.57	/	/	20.07	/	/	<=30	Pass
		Inner 1RB Left	18.53	/	/	20.03	/	/	<=30	Pass
		Inner 1RB Right	18.66	/	/	20.16	/	/	<=30	Pass
	3544.98	Edge 1RB Left	19.01	/	/	20.51	/	/	<=30	Pass
		Edge 1RB Right	19.12	/	/	20.62	/	/	<=30	Pass
		Outer_Full	18.93	/	/	20.43	/	/	<=30	Pass
		Inner_Full	18.92	/	/	20.42	/	/	<=30	Pass
		Inner 1RB Left	18.94	/	/	20.44	/	/	<=30	Pass
		Inner 1RB Right	19.03	/	/	20.53	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30k_SISO_15MHz_NTNV_EIRP

5G NR n78e 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	3457.5	Edge 1RB Left	21.47	/	/	22.97	/	/	<=30	Pass
		Edge 1RB Right	21.72	/	/	23.22	/	/	<=30	Pass
		Outer Full	24.48	/	/	25.98	/	/	<=30	Pass
		Inner Full	24.91	/	/	26.41	/	/	<=30	Pass
		Inner 1RB Left	24.79	/	/	26.29	/	/	<=30	Pass
		Inner 1RB Right	24.99	/	/	26.49	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.35	/	/	22.85	/	/	<=30	Pass
		Edge 1RB Right	21.61	/	/	23.11	/	/	<=30	Pass
		Outer Full	24.28	/	/	25.78	/	/	<=30	Pass
		Inner Full	24.79	/	/	26.29	/	/	<=30	Pass
		Inner 1RB Left	24.70	/	/	26.20	/	/	<=30	Pass
		Inner 1RB Right	24.86	/	/	26.36	/	/	<=30	Pass
	3542.49	Edge 1RB Left	21.80	/	/	23.30	/	/	<=30	Pass
		Edge 1RB Right	21.91	/	/	23.41	/	/	<=30	Pass
		Outer Full	24.73	/	/	26.23	/	/	<=30	Pass
		Inner Full	25.30	/	/	26.80	/	/	<=30	Pass
		Inner 1RB Left	25.06	/	/	26.56	/	/	<=30	Pass
DFT-s-OFDM QPSK	3457.5	Edge 1RB Left	21.90	/	/	23.40	/	/	<=30	Pass
		Edge 1RB Right	22.11	/	/	23.61	/	/	<=30	Pass
		Outer Full	24.42	/	/	25.92	/	/	<=30	Pass
		Inner Full	24.95	/	/	26.45	/	/	<=30	Pass
		Inner 1RB Left	24.82	/	/	26.32	/	/	<=30	Pass
		Inner 1RB Right	25.09	/	/	26.59	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.81	/	/	23.31	/	/	<=30	Pass
		Edge 1RB Right	22.08	/	/	23.58	/	/	<=30	Pass
		Outer Full	24.33	/	/	25.83	/	/	<=30	Pass
		Inner Full	24.76	/	/	26.26	/	/	<=30	Pass
		Inner 1RB Left	24.62	/	/	26.12	/	/	<=30	Pass
		Inner 1RB Right	24.83	/	/	26.33	/	/	<=30	Pass
	3542.49	Edge 1RB Left	22.18	/	/	23.68	/	/	<=30	Pass
		Edge 1RB Right	22.34	/	/	23.84	/	/	<=30	Pass
		Outer Full	24.78	/	/	26.28	/	/	<=30	Pass
		Inner Full	25.25	/	/	26.75	/	/	<=30	Pass
		Inner 1RB Left	25.13	/	/	26.63	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3457.5	Edge 1RB Left	21.83	/	/	23.33	/	/	<=30	Pass
		Edge 1RB Right	22.00	/	/	23.50	/	/	<=30	Pass
		Outer Full	23.98	/	/	25.48	/	/	<=30	Pass
		Inner Full	24.44	/	/	25.94	/	/	<=30	Pass
		Inner 1RB Left	24.15	/	/	25.65	/	/	<=30	Pass
		Inner 1RB Right	24.23	/	/	25.73	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.58	/	/	23.08	/	/	<=30	Pass
		Edge 1RB Right	21.85	/	/	23.35	/	/	<=30	Pass
		Outer Full	23.84	/	/	25.34	/	/	<=30	Pass
		Inner Full	24.28	/	/	25.78	/	/	<=30	Pass
		Inner 1RB Left	23.99	/	/	25.49	/	/	<=30	Pass
		Inner 1RB Right	24.21	/	/	25.71	/	/	<=30	Pass
	3542.49	Edge 1RB Left	22.03	/	/	23.53	/	/	<=30	Pass
		Edge 1RB Right	22.16	/	/	23.66	/	/	<=30	Pass
		Outer Full	24.20	/	/	25.70	/	/	<=30	Pass
		Inner Full	24.74	/	/	26.24	/	/	<=30	Pass
		Inner 1RB Left	24.46	/	/	25.96	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3457.5	Inner 1RB Right	24.61	/	/	26.11	/	/	<=30	Pass
		Edge 1RB Left	22.20	/	/	23.70	/	/	<=30	Pass
		Edge 1RB Right	22.40	/	/	23.90	/	/	<=30	Pass

		Outer_Full	22.96	/	/	24.46	/	/	<=30	Pass
		Inner_Full	23.09	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Left	23.11	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Right	23.36	/	/	24.86	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.12	/	/	23.62	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	23.83	/	/	<=30	Pass
		Outer_Full	22.85	/	/	24.35	/	/	<=30	Pass
		Inner_Full	22.92	/	/	24.42	/	/	<=30	Pass
		Inner_1RB_Left	22.90	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Right	23.24	/	/	24.74	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	22.58	/	/	24.08	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	24.03	/	/	<=30	Pass
		Outer_Full	23.25	/	/	24.75	/	/	<=30	Pass
		Inner_Full	23.46	/	/	24.96	/	/	<=30	Pass
		Inner_1RB_Left	23.29	/	/	24.79	/	/	<=30	Pass
		Inner_1RB_Right	23.56	/	/	25.06	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3457.5	Edge_1RB_Left	20.56	/	/	22.06	/	/	<=30	Pass
		Edge_1RB_Right	20.71	/	/	22.21	/	/	<=30	Pass
		Outer_Full	20.64	/	/	22.14	/	/	<=30	Pass
		Inner_Full	20.71	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Left	20.53	/	/	22.03	/	/	<=30	Pass
		Inner_1RB_Right	20.70	/	/	22.20	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.31	/	/	21.81	/	/	<=30	Pass
		Edge_1RB_Right	20.54	/	/	22.04	/	/	<=30	Pass
		Outer_Full	20.42	/	/	21.92	/	/	<=30	Pass
		Inner_Full	20.47	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Left	20.30	/	/	21.80	/	/	<=30	Pass
		Inner_1RB_Right	20.55	/	/	22.05	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	20.75	/	/	22.25	/	/	<=30	Pass
		Edge_1RB_Right	20.93	/	/	22.43	/	/	<=30	Pass
		Outer_Full	20.87	/	/	22.37	/	/	<=30	Pass
		Inner_Full	20.91	/	/	22.41	/	/	<=30	Pass
		Inner_1RB_Left	20.74	/	/	22.24	/	/	<=30	Pass
		Inner_1RB_Right	20.92	/	/	22.42	/	/	<=30	Pass
CP-OFDM QPSK	3457.5	Edge_1RB_Left	21.80	/	/	23.30	/	/	<=30	Pass
		Edge_1RB_Right	21.98	/	/	23.48	/	/	<=30	Pass
		Outer_Full	22.48	/	/	23.98	/	/	<=30	Pass
		Inner_Full	23.96	/	/	25.46	/	/	<=30	Pass
		Inner_1RB_Left	23.74	/	/	25.24	/	/	<=30	Pass
		Inner_1RB_Right	23.91	/	/	25.41	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.65	/	/	23.15	/	/	<=30	Pass
		Edge_1RB_Right	22.05	/	/	23.55	/	/	<=30	Pass
		Outer_Full	22.29	/	/	23.79	/	/	<=30	Pass
		Inner_Full	23.82	/	/	25.32	/	/	<=30	Pass
		Inner_1RB_Left	23.69	/	/	25.19	/	/	<=30	Pass
		Inner_1RB_Right	23.80	/	/	25.30	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	22.08	/	/	23.58	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	23.72	/	/	<=30	Pass
		Outer_Full	22.80	/	/	24.30	/	/	<=30	Pass
		Inner_Full	24.26	/	/	25.76	/	/	<=30	Pass
		Inner_1RB_Left	24.03	/	/	25.53	/	/	<=30	Pass
		Inner_1RB_Right	24.27	/	/	25.77	/	/	<=30	Pass
CP-OFDM 16 QAM	3457.5	Edge_1RB_Left	21.73	/	/	23.23	/	/	<=30	Pass
		Edge_1RB_Right	22.04	/	/	23.54	/	/	<=30	Pass
		Outer_Full	22.70	/	/	24.20	/	/	<=30	Pass
		Inner_Full	23.36	/	/	24.86	/	/	<=30	Pass
		Inner_1RB_Left	23.19	/	/	24.69	/	/	<=30	Pass
		Inner_1RB_Right	23.31	/	/	24.81	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.62	/	/	23.12	/	/	<=30	Pass

		Edge 1RB Right	22.05	/	/	23.55	/	/	<=30	Pass
		Outer_Full	22.43	/	/	23.93	/	/	<=30	Pass
		Inner_Full	23.26	/	/	24.76	/	/	<=30	Pass
		Inner_1RB Left	22.97	/	/	24.47	/	/	<=30	Pass
		Inner_1RB Right	23.28	/	/	24.78	/	/	<=30	Pass
	3542.49	Edge 1RB Left	22.04	/	/	23.54	/	/	<=30	Pass
		Edge 1RB Right	22.27	/	/	23.77	/	/	<=30	Pass
		Outer_Full	22.98	/	/	24.48	/	/	<=30	Pass
		Inner_Full	23.61	/	/	25.11	/	/	<=30	Pass
		Inner_1RB Left	23.43	/	/	24.93	/	/	<=30	Pass
	Inner_1RB Right	23.65	/	/	25.15	/	/	<=30	Pass	
CP-OFDM 64 QAM	3457.5	Edge 1RB Left	22.11	/	/	23.61	/	/	<=30	Pass
		Edge 1RB Right	22.25	/	/	23.75	/	/	<=30	Pass
		Outer_Full	22.03	/	/	23.53	/	/	<=30	Pass
		Inner_Full	21.94	/	/	23.44	/	/	<=30	Pass
		Inner_1RB Left	22.10	/	/	23.60	/	/	<=30	Pass
		Inner_1RB Right	22.25	/	/	23.75	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.94	/	/	23.44	/	/	<=30	Pass
		Edge 1RB Right	22.13	/	/	23.63	/	/	<=30	Pass
		Outer_Full	21.92	/	/	23.42	/	/	<=30	Pass
		Inner_Full	21.79	/	/	23.29	/	/	<=30	Pass
		Inner_1RB Left	21.96	/	/	23.46	/	/	<=30	Pass
		Inner_1RB Right	22.14	/	/	23.64	/	/	<=30	Pass
	3542.49	Edge 1RB Left	22.29	/	/	23.79	/	/	<=30	Pass
		Edge 1RB Right	22.53	/	/	24.03	/	/	<=30	Pass
		Outer_Full	22.38	/	/	23.88	/	/	<=30	Pass
		Inner_Full	22.22	/	/	23.72	/	/	<=30	Pass
		Inner_1RB Left	22.38	/	/	23.88	/	/	<=30	Pass
		Inner_1RB Right	22.53	/	/	24.03	/	/	<=30	Pass
CP-OFDM 256 QAM	3457.5	Edge 1RB Left	18.69	/	/	20.19	/	/	<=30	Pass
		Edge 1RB Right	18.81	/	/	20.31	/	/	<=30	Pass
		Outer_Full	18.80	/	/	20.30	/	/	<=30	Pass
		Inner_Full	18.80	/	/	20.30	/	/	<=30	Pass
		Inner_1RB Left	18.71	/	/	20.21	/	/	<=30	Pass
		Inner_1RB Right	18.84	/	/	20.34	/	/	<=30	Pass
	3500.01	Edge 1RB Left	18.44	/	/	19.94	/	/	<=30	Pass
		Edge 1RB Right	18.66	/	/	20.16	/	/	<=30	Pass
		Outer_Full	18.56	/	/	20.06	/	/	<=30	Pass
		Inner_Full	18.54	/	/	20.04	/	/	<=30	Pass
		Inner_1RB Left	18.47	/	/	19.97	/	/	<=30	Pass
		Inner_1RB Right	18.71	/	/	20.21	/	/	<=30	Pass
	3542.49	Edge 1RB Left	18.89	/	/	20.39	/	/	<=30	Pass
		Edge 1RB Right	19.01	/	/	20.51	/	/	<=30	Pass
		Outer_Full	19.02	/	/	20.52	/	/	<=30	Pass
Inner_Full		19.04	/	/	20.54	/	/	<=30	Pass	
Inner_1RB Left		18.89	/	/	20.39	/	/	<=30	Pass	
	Inner_1RB Right	19.06	/	/	20.56	/	/	<=30	Pass	
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30k_SISO_20MHz_NTNV_EIRP

5G NR n78e 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	3460.02	Edge 1RB Left	21.52	/	/	23.02	/	/	<=30	Pass
		Edge 1RB Right	21.67	/	/	23.17	/	/	<=30	Pass
		Outer_Full	24.60	/	/	26.10	/	/	<=30	Pass

		Inner_Full	25.03	/	/	26.53	/	/	<=30	Pass
		Inner_1RB_Left	24.87	/	/	26.37	/	/	<=30	Pass
		Inner_1RB_Right	25.04	/	/	26.54	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.30	/	/	22.80	/	/	<=30	Pass
		Edge_1RB_Right	21.65	/	/	23.15	/	/	<=30	Pass
		Outer_Full	24.43	/	/	25.93	/	/	<=30	Pass
		Inner_Full	24.85	/	/	26.35	/	/	<=30	Pass
		Inner_1RB_Left	24.68	/	/	26.18	/	/	<=30	Pass
		Inner_1RB_Right	24.91	/	/	26.41	/	/	<=30	Pass
	3540	Edge_1RB_Left	21.58	/	/	23.08	/	/	<=30	Pass
		Edge_1RB_Right	21.83	/	/	23.33	/	/	<=30	Pass
		Outer_Full	24.71	/	/	26.21	/	/	<=30	Pass
		Inner_Full	25.24	/	/	26.74	/	/	<=30	Pass
		Inner_1RB_Left	24.94	/	/	26.44	/	/	<=30	Pass
		Inner_1RB_Right	25.14	/	/	26.64	/	/	<=30	Pass
DFT-s-OFDM QPSK	3460.02	Edge_1RB_Left	21.99	/	/	23.49	/	/	<=30	Pass
		Edge_1RB_Right	22.20	/	/	23.70	/	/	<=30	Pass
		Outer_Full	24.62	/	/	26.12	/	/	<=30	Pass
		Inner_Full	25.03	/	/	26.53	/	/	<=30	Pass
		Inner_1RB_Left	24.89	/	/	26.39	/	/	<=30	Pass
		Inner_1RB_Right	25.08	/	/	26.58	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.84	/	/	23.34	/	/	<=30	Pass
		Edge_1RB_Right	22.06	/	/	23.56	/	/	<=30	Pass
		Outer_Full	24.42	/	/	25.92	/	/	<=30	Pass
		Inner_Full	24.90	/	/	26.40	/	/	<=30	Pass
		Inner_1RB_Left	24.66	/	/	26.16	/	/	<=30	Pass
		Inner_1RB_Right	24.87	/	/	26.37	/	/	<=30	Pass
	3540	Edge_1RB_Left	21.98	/	/	23.48	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	23.86	/	/	<=30	Pass
		Outer_Full	24.65	/	/	26.15	/	/	<=30	Pass
		Inner_Full	25.20	/	/	26.70	/	/	<=30	Pass
		Inner_1RB_Left	24.93	/	/	26.43	/	/	<=30	Pass
		Inner_1RB_Right	25.21	/	/	26.71	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3460.02	Edge_1RB_Left	21.78	/	/	23.28	/	/	<=30	Pass
		Edge_1RB_Right	22.03	/	/	23.53	/	/	<=30	Pass
		Outer_Full	24.06	/	/	25.56	/	/	<=30	Pass
		Inner_Full	24.59	/	/	26.09	/	/	<=30	Pass
		Inner_1RB_Left	24.21	/	/	25.71	/	/	<=30	Pass
		Inner_1RB_Right	24.35	/	/	25.85	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.67	/	/	23.17	/	/	<=30	Pass
		Edge_1RB_Right	21.84	/	/	23.34	/	/	<=30	Pass
		Outer_Full	23.85	/	/	25.35	/	/	<=30	Pass
		Inner_Full	24.34	/	/	25.84	/	/	<=30	Pass
		Inner_1RB_Left	24.01	/	/	25.51	/	/	<=30	Pass
		Inner_1RB_Right	24.29	/	/	25.79	/	/	<=30	Pass
	3540	Edge_1RB_Left	21.84	/	/	23.34	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	23.71	/	/	<=30	Pass
		Outer_Full	24.18	/	/	25.68	/	/	<=30	Pass
		Inner_Full	24.75	/	/	26.25	/	/	<=30	Pass
		Inner_1RB_Left	24.24	/	/	25.74	/	/	<=30	Pass
		Inner_1RB_Right	24.50	/	/	26.00	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3460.02	Edge_1RB_Left	22.15	/	/	23.65	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	23.94	/	/	<=30	Pass
		Outer_Full	23.00	/	/	24.50	/	/	<=30	Pass
		Inner_Full	23.11	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Left	23.18	/	/	24.68	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	24.95	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.10	/	/	23.60	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	23.85	/	/	<=30	Pass

		Outer_Full	22.81	/	/	24.31	/	/	<=30	Pass
		Inner_Full	22.97	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Left	22.99	/	/	24.49	/	/	<=30	Pass
		Inner_1RB_Right	23.27	/	/	24.77	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.28	/	/	23.78	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	24.09	/	/	<=30	Pass
		Outer_Full	23.15	/	/	24.65	/	/	<=30	Pass
		Inner_Full	23.24	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Left	23.34	/	/	24.84	/	/	<=30	Pass
		Inner_1RB_Right	23.54	/	/	25.04	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3460.02	Edge_1RB_Left	20.60	/	/	22.10	/	/	<=30	Pass
		Edge_1RB_Right	20.74	/	/	22.24	/	/	<=30	Pass
		Outer_Full	20.72	/	/	22.22	/	/	<=30	Pass
		Inner_Full	20.71	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Left	20.60	/	/	22.10	/	/	<=30	Pass
		Inner_1RB_Right	20.71	/	/	22.21	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.32	/	/	21.82	/	/	<=30	Pass
		Edge_1RB_Right	20.57	/	/	22.07	/	/	<=30	Pass
		Outer_Full	20.50	/	/	22.00	/	/	<=30	Pass
		Inner_Full	20.45	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Left	20.31	/	/	21.81	/	/	<=30	Pass
		Inner_1RB_Right	20.59	/	/	22.09	/	/	<=30	Pass
	3540	Edge_1RB_Left	20.59	/	/	22.09	/	/	<=30	Pass
		Edge_1RB_Right	20.87	/	/	22.37	/	/	<=30	Pass
		Outer_Full	20.78	/	/	22.28	/	/	<=30	Pass
		Inner_Full	20.80	/	/	22.30	/	/	<=30	Pass
		Inner_1RB_Left	20.60	/	/	22.10	/	/	<=30	Pass
		Inner_1RB_Right	20.87	/	/	22.37	/	/	<=30	Pass
CP-OFDM QPSK	3460.02	Edge_1RB_Left	21.89	/	/	23.39	/	/	<=30	Pass
		Edge_1RB_Right	22.11	/	/	23.61	/	/	<=30	Pass
		Outer_Full	22.64	/	/	24.14	/	/	<=30	Pass
		Inner_Full	24.06	/	/	25.56	/	/	<=30	Pass
		Inner_1RB_Left	23.92	/	/	25.42	/	/	<=30	Pass
		Inner_1RB_Right	24.24	/	/	25.74	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.61	/	/	23.11	/	/	<=30	Pass
		Edge_1RB_Right	21.93	/	/	23.43	/	/	<=30	Pass
		Outer_Full	22.36	/	/	23.86	/	/	<=30	Pass
		Inner_Full	23.83	/	/	25.33	/	/	<=30	Pass
		Inner_1RB_Left	23.57	/	/	25.07	/	/	<=30	Pass
		Inner_1RB_Right	24.00	/	/	25.50	/	/	<=30	Pass
	3540	Edge_1RB_Left	21.94	/	/	23.44	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	23.88	/	/	<=30	Pass
		Outer_Full	22.74	/	/	24.24	/	/	<=30	Pass
		Inner_Full	24.13	/	/	25.63	/	/	<=30	Pass
		Inner_1RB_Left	24.10	/	/	25.60	/	/	<=30	Pass
		Inner_1RB_Right	24.28	/	/	25.78	/	/	<=30	Pass
CP-OFDM 16 QAM	3460.02	Edge_1RB_Left	21.91	/	/	23.41	/	/	<=30	Pass
		Edge_1RB_Right	22.02	/	/	23.52	/	/	<=30	Pass
		Outer_Full	22.70	/	/	24.20	/	/	<=30	Pass
		Inner_Full	23.57	/	/	25.07	/	/	<=30	Pass
		Inner_1RB_Left	23.24	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	24.99	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.59	/	/	23.09	/	/	<=30	Pass
		Edge_1RB_Right	21.85	/	/	23.35	/	/	<=30	Pass
		Outer_Full	22.48	/	/	23.98	/	/	<=30	Pass
		Inner_Full	23.45	/	/	24.95	/	/	<=30	Pass
		Inner_1RB_Left	22.91	/	/	24.41	/	/	<=30	Pass
		Inner_1RB_Right	23.33	/	/	24.83	/	/	<=30	Pass
	3540	Edge_1RB_Left	21.81	/	/	23.31	/	/	<=30	Pass

		Edge 1RB Right	21.97	/	/	23.47	/	/	<=30	Pass	
		Outer_Full	22.84	/	/	24.34	/	/	<=30	Pass	
		Inner_Full	23.62	/	/	25.12	/	/	<=30	Pass	
		Inner_1RB_Left	23.39	/	/	24.89	/	/	<=30	Pass	
		Inner_1RB_Right	23.62	/	/	25.12	/	/	<=30	Pass	
CP-OFDM 64 QAM	3460.02	Edge_1RB_Left	22.20	/	/	23.70	/	/	<=30	Pass	
		Edge_1RB_Right	22.37	/	/	23.87	/	/	<=30	Pass	
		Outer_Full	22.15	/	/	23.65	/	/	<=30	Pass	
		Inner_Full	22.15	/	/	23.65	/	/	<=30	Pass	
		Inner_1RB_Left	22.15	/	/	23.65	/	/	<=30	Pass	
		Inner_1RB_Right	22.33	/	/	23.83	/	/	<=30	Pass	
		Edge_1RB_Left	21.89	/	/	23.39	/	/	<=30	Pass	
	3500.01	Edge_1RB_Right	22.21	/	/	23.71	/	/	<=30	Pass	
		Outer_Full	21.89	/	/	23.39	/	/	<=30	Pass	
		Inner_Full	21.88	/	/	23.38	/	/	<=30	Pass	
		Inner_1RB_Left	22.05	/	/	23.55	/	/	<=30	Pass	
		Inner_1RB_Right	22.21	/	/	23.71	/	/	<=30	Pass	
	3540	Edge_1RB_Left	22.19	/	/	23.69	/	/	<=30	Pass	
		Edge_1RB_Right	22.51	/	/	24.01	/	/	<=30	Pass	
		Outer_Full	22.21	/	/	23.71	/	/	<=30	Pass	
Inner_Full		22.26	/	/	23.76	/	/	<=30	Pass		
Inner_1RB_Left		22.21	/	/	23.71	/	/	<=30	Pass		
		Inner_1RB_Right	22.48	/	/	23.98	/	/	<=30	Pass	
CP-OFDM 256 QAM	3460.02	Edge_1RB_Left	18.73	/	/	20.23	/	/	<=30	Pass	
		Edge_1RB_Right	18.87	/	/	20.37	/	/	<=30	Pass	
		Outer_Full	18.85	/	/	20.35	/	/	<=30	Pass	
		Inner_Full	18.79	/	/	20.29	/	/	<=30	Pass	
		Inner_1RB_Left	18.69	/	/	20.19	/	/	<=30	Pass	
		Inner_1RB_Right	18.83	/	/	20.33	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	18.45	/	/	19.95	/	/	<=30	Pass	
		Edge_1RB_Right	18.66	/	/	20.16	/	/	<=30	Pass	
		Outer_Full	18.58	/	/	20.08	/	/	<=30	Pass	
		Inner_Full	18.55	/	/	20.05	/	/	<=30	Pass	
		Inner_1RB_Left	18.40	/	/	19.90	/	/	<=30	Pass	
			Inner_1RB_Right	18.67	/	/	20.17	/	/	<=30	Pass
	3540	Edge_1RB_Left	18.67	/	/	20.17	/	/	<=30	Pass	
		Edge_1RB_Right	19.00	/	/	20.50	/	/	<=30	Pass	
		Outer_Full	18.93	/	/	20.43	/	/	<=30	Pass	
Inner_Full		18.86	/	/	20.36	/	/	<=30	Pass		
Inner_1RB_Left		18.71	/	/	20.21	/	/	<=30	Pass		
		Inner_1RB_Right	19.00	/	/	20.50	/	/	<=30	Pass	
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.4 30k_SISO_25MHz_NTNV_EIRP

5G NR n78e 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	3462.51	Edge 1RB Left	21.62	/	/	23.12	/	/	<=30	Pass
		Edge 1RB Right	21.63	/	/	23.13	/	/	<=30	Pass
		Outer_Full	24.60	/	/	26.10	/	/	<=30	Pass
		Inner_Full	25.09	/	/	26.59	/	/	<=30	Pass
		Inner 1RB Left	24.84	/	/	26.34	/	/	<=30	Pass
	3500.01	Inner 1RB Right	24.89	/	/	26.39	/	/	<=30	Pass
		Edge 1RB Left	21.31	/	/	22.81	/	/	<=30	Pass
		Edge 1RB Right	21.55	/	/	23.05	/	/	<=30	Pass
		Outer_Full	24.42	/	/	25.92	/	/	<=30	Pass

		Inner_Full	24.77	/	/	26.27	/	/	<=30	Pass
		Inner_1RB_Left	24.56	/	/	26.06	/	/	<=30	Pass
		Inner_1RB_Right	24.87	/	/	26.37	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	21.51	/	/	23.01	/	/	<=30	Pass
		Edge_1RB_Right	21.72	/	/	23.22	/	/	<=30	Pass
		Outer_Full	24.64	/	/	26.14	/	/	<=30	Pass
		Inner_Full	25.10	/	/	26.60	/	/	<=30	Pass
		Inner_1RB_Left	24.89	/	/	26.39	/	/	<=30	Pass
		Inner_1RB_Right	25.08	/	/	26.58	/	/	<=30	Pass
DFT-s-OFDM QPSK	3462.51	Edge_1RB_Left	22.02	/	/	23.52	/	/	<=30	Pass
		Edge_1RB_Right	22.09	/	/	23.59	/	/	<=30	Pass
		Outer_Full	24.62	/	/	26.12	/	/	<=30	Pass
		Inner_Full	25.10	/	/	26.60	/	/	<=30	Pass
		Inner_1RB_Left	24.86	/	/	26.36	/	/	<=30	Pass
		Inner_1RB_Right	24.93	/	/	26.43	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.72	/	/	23.22	/	/	<=30	Pass
		Edge_1RB_Right	22.00	/	/	23.50	/	/	<=30	Pass
		Outer_Full	24.40	/	/	25.90	/	/	<=30	Pass
		Inner_Full	24.81	/	/	26.31	/	/	<=30	Pass
		Inner_1RB_Left	24.56	/	/	26.06	/	/	<=30	Pass
		Inner_1RB_Right	24.92	/	/	26.42	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	22.02	/	/	23.52	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	23.75	/	/	<=30	Pass
		Outer_Full	24.64	/	/	26.14	/	/	<=30	Pass
		Inner_Full	25.10	/	/	26.60	/	/	<=30	Pass
		Inner_1RB_Left	24.80	/	/	26.30	/	/	<=30	Pass
		Inner_1RB_Right	25.11	/	/	26.61	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3462.51	Edge_1RB_Left	21.78	/	/	23.28	/	/	<=30	Pass
		Edge_1RB_Right	21.99	/	/	23.49	/	/	<=30	Pass
		Outer_Full	24.04	/	/	25.54	/	/	<=30	Pass
		Inner_Full	24.56	/	/	26.06	/	/	<=30	Pass
		Inner_1RB_Left	24.23	/	/	25.73	/	/	<=30	Pass
		Inner_1RB_Right	24.28	/	/	25.78	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.55	/	/	23.05	/	/	<=30	Pass
		Edge_1RB_Right	22.00	/	/	23.50	/	/	<=30	Pass
		Outer_Full	23.79	/	/	25.29	/	/	<=30	Pass
		Inner_Full	24.26	/	/	25.76	/	/	<=30	Pass
		Inner_1RB_Left	23.92	/	/	25.42	/	/	<=30	Pass
		Inner_1RB_Right	24.24	/	/	25.74	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	21.79	/	/	23.29	/	/	<=30	Pass
		Edge_1RB_Right	22.06	/	/	23.56	/	/	<=30	Pass
		Outer_Full	24.07	/	/	25.57	/	/	<=30	Pass
		Inner_Full	24.57	/	/	26.07	/	/	<=30	Pass
		Inner_1RB_Left	24.16	/	/	25.66	/	/	<=30	Pass
		Inner_1RB_Right	24.50	/	/	26.00	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3462.51	Edge_1RB_Left	22.23	/	/	23.73	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	23.85	/	/	<=30	Pass
		Outer_Full	23.13	/	/	24.63	/	/	<=30	Pass
		Inner_Full	23.14	/	/	24.64	/	/	<=30	Pass
		Inner_1RB_Left	23.21	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Right	23.30	/	/	24.80	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.06	/	/	23.56	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	23.92	/	/	<=30	Pass
		Outer_Full	22.86	/	/	24.36	/	/	<=30	Pass
		Inner_Full	22.81	/	/	24.31	/	/	<=30	Pass
		Inner_1RB_Left	22.98	/	/	24.48	/	/	<=30	Pass
		Inner_1RB_Right	23.33	/	/	24.83	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	22.28	/	/	23.78	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	24.03	/	/	<=30	Pass

		Outer_Full	23.11	/	/	24.61	/	/	<=30	Pass
		Inner_Full	23.24	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Left	23.20	/	/	24.70	/	/	<=30	Pass
		Inner_1RB_Right	23.58	/	/	25.08	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3462.51	Edge_1RB_Left	20.66	/	/	22.16	/	/	<=30	Pass
		Edge_1RB_Right	20.72	/	/	22.22	/	/	<=30	Pass
		Outer_Full	20.87	/	/	22.37	/	/	<=30	Pass
		Inner_Full	20.78	/	/	22.28	/	/	<=30	Pass
		Inner_1RB_Left	20.67	/	/	22.17	/	/	<=30	Pass
		Inner_1RB_Right	20.76	/	/	22.26	/	/	<=30	Pass
		Edge_1RB_Left	20.36	/	/	21.86	/	/	<=30	Pass
		Edge_1RB_Right	20.58	/	/	22.08	/	/	<=30	Pass
	3500.01	Outer_Full	20.57	/	/	22.07	/	/	<=30	Pass
		Inner_Full	20.48	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Left	20.33	/	/	21.83	/	/	<=30	Pass
		Inner_1RB_Right	20.60	/	/	22.10	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	20.56	/	/	22.06	/	/	<=30	Pass
		Edge_1RB_Right	20.86	/	/	22.36	/	/	<=30	Pass
		Outer_Full	20.79	/	/	22.29	/	/	<=30	Pass
		Inner_Full	20.72	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Left	20.55	/	/	22.05	/	/	<=30	Pass
		Inner_1RB_Right	20.87	/	/	22.37	/	/	<=30	Pass
CP-OFDM QPSK	3462.51	Edge_1RB_Left	21.94	/	/	23.44	/	/	<=30	Pass
		Edge_1RB_Right	22.10	/	/	23.60	/	/	<=30	Pass
		Outer_Full	22.51	/	/	24.01	/	/	<=30	Pass
		Inner_Full	24.03	/	/	25.53	/	/	<=30	Pass
		Inner_1RB_Left	23.95	/	/	25.45	/	/	<=30	Pass
		Inner_1RB_Right	24.04	/	/	25.54	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.71	/	/	23.21	/	/	<=30	Pass
		Edge_1RB_Right	21.88	/	/	23.38	/	/	<=30	Pass
		Outer_Full	22.31	/	/	23.81	/	/	<=30	Pass
		Inner_Full	23.72	/	/	25.22	/	/	<=30	Pass
		Inner_1RB_Left	23.45	/	/	24.95	/	/	<=30	Pass
		Inner_1RB_Right	23.89	/	/	25.39	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	21.93	/	/	23.43	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	23.77	/	/	<=30	Pass
		Outer_Full	22.62	/	/	24.12	/	/	<=30	Pass
		Inner_Full	24.05	/	/	25.55	/	/	<=30	Pass
		Inner_1RB_Left	23.84	/	/	25.34	/	/	<=30	Pass
		Inner_1RB_Right	24.25	/	/	25.75	/	/	<=30	Pass
CP-OFDM 16 QAM	3462.51	Edge_1RB_Left	21.88	/	/	23.38	/	/	<=30	Pass
		Edge_1RB_Right	21.99	/	/	23.49	/	/	<=30	Pass
		Outer_Full	22.73	/	/	24.23	/	/	<=30	Pass
		Inner_Full	23.64	/	/	25.14	/	/	<=30	Pass
		Inner_1RB_Left	23.20	/	/	24.70	/	/	<=30	Pass
		Inner_1RB_Right	23.29	/	/	24.79	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.63	/	/	23.13	/	/	<=30	Pass
		Edge_1RB_Right	22.03	/	/	23.53	/	/	<=30	Pass
		Outer_Full	22.46	/	/	23.96	/	/	<=30	Pass
		Inner_Full	23.33	/	/	24.83	/	/	<=30	Pass
		Inner_1RB_Left	22.89	/	/	24.39	/	/	<=30	Pass
		Inner_1RB_Right	23.40	/	/	24.90	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	21.69	/	/	23.19	/	/	<=30	Pass
		Edge_1RB_Right	22.16	/	/	23.66	/	/	<=30	Pass
		Outer_Full	22.76	/	/	24.26	/	/	<=30	Pass
		Inner_Full	23.55	/	/	25.05	/	/	<=30	Pass
		Inner_1RB_Left	23.06	/	/	24.56	/	/	<=30	Pass
		Inner_1RB_Right	23.41	/	/	24.91	/	/	<=30	Pass
CP-OFDM 64 QAM	3462.51	Edge_1RB_Left	22.27	/	/	23.77	/	/	<=30	Pass

		Edge 1RB Right	22.26	/	/	23.76	/	/	<=30	Pass
		Outer_Full	22.09	/	/	23.59	/	/	<=30	Pass
		Inner_Full	22.25	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Left	22.14	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Right	22.27	/	/	23.77	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.84	/	/	23.34	/	/	<=30	Pass
		Edge 1RB Right	22.20	/	/	23.70	/	/	<=30	Pass
		Outer_Full	21.76	/	/	23.26	/	/	<=30	Pass
		Inner_Full	21.83	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Left	21.90	/	/	23.40	/	/	<=30	Pass
	3537.48	Inner_1RB_Right	22.16	/	/	23.66	/	/	<=30	Pass
		Edge 1RB Left	22.12	/	/	23.62	/	/	<=30	Pass
		Edge 1RB Right	22.45	/	/	23.95	/	/	<=30	Pass
		Outer_Full	22.09	/	/	23.59	/	/	<=30	Pass
		Inner_Full	22.04	/	/	23.54	/	/	<=30	Pass
CP-OFDM 256 QAM	3462.51	Inner_1RB_Left	22.14	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Right	22.54	/	/	24.04	/	/	<=30	Pass
		Edge 1RB Left	18.83	/	/	20.33	/	/	<=30	Pass
		Edge 1RB Right	18.83	/	/	20.33	/	/	<=30	Pass
		Outer_Full	18.85	/	/	20.35	/	/	<=30	Pass
		Inner_Full	18.87	/	/	20.37	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	18.85	/	/	20.35	/	/	<=30	Pass
		Inner_1RB_Right	18.87	/	/	20.37	/	/	<=30	Pass
		Edge 1RB Left	18.50	/	/	20.00	/	/	<=30	Pass
		Edge 1RB Right	18.76	/	/	20.26	/	/	<=30	Pass
		Outer_Full	18.59	/	/	20.09	/	/	<=30	Pass
		Inner_Full	18.57	/	/	20.07	/	/	<=30	Pass
	3537.48	Inner_1RB_Left	18.46	/	/	19.96	/	/	<=30	Pass
		Inner_1RB_Right	18.76	/	/	20.26	/	/	<=30	Pass
		Edge 1RB Left	18.70	/	/	20.20	/	/	<=30	Pass
Edge 1RB Right		19.02	/	/	20.52	/	/	<=30	Pass	
Outer_Full		18.95	/	/	20.45	/	/	<=30	Pass	
	Inner_Full	18.86	/	/	20.36	/	/	<=30	Pass	
	Inner_1RB_Left	18.76	/	/	20.26	/	/	<=30	Pass	
	Inner_1RB_Right	19.01	/	/	20.51	/	/	<=30	Pass	
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30k_SISO_30MHz_NTNV_EIRP

5G NR n78e 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	3465	Edge 1RB Left	21.55	/	/	23.05	/	/	<=30	Pass
		Edge 1RB Right	21.43	/	/	22.93	/	/	<=30	Pass
		Outer_Full	24.58	/	/	26.08	/	/	<=30	Pass
		Inner_Full	25.07	/	/	26.57	/	/	<=30	Pass
		Inner 1RB Left	24.87	/	/	26.37	/	/	<=30	Pass
		Inner 1RB Right	24.76	/	/	26.26	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.30	/	/	22.80	/	/	<=30	Pass
		Edge 1RB Right	21.67	/	/	23.17	/	/	<=30	Pass
		Outer_Full	24.44	/	/	25.94	/	/	<=30	Pass
		Inner_Full	24.84	/	/	26.34	/	/	<=30	Pass
		Inner 1RB Left	24.66	/	/	26.16	/	/	<=30	Pass
	3534.99	Inner 1RB Right	24.95	/	/	26.45	/	/	<=30	Pass
		Edge 1RB Left	21.57	/	/	23.07	/	/	<=30	Pass
		Edge 1RB Right	21.95	/	/	23.45	/	/	<=30	Pass
		Outer_Full	24.74	/	/	26.24	/	/	<=30	Pass

		Inner_Full	25.19	/	/	26.69	/	/	<=30	Pass
		Inner_1RB_Left	24.95	/	/	26.45	/	/	<=30	Pass
		Inner_1RB_Right	25.25	/	/	26.75	/	/	<=30	Pass
DFT-s-OFDM QPSK	3465	Edge_1RB_Left	21.98	/	/	23.48	/	/	<=30	Pass
		Edge_1RB_Right	21.91	/	/	23.41	/	/	<=30	Pass
		Outer_Full	24.58	/	/	26.08	/	/	<=30	Pass
		Inner_Full	24.98	/	/	26.48	/	/	<=30	Pass
		Inner_1RB_Left	24.84	/	/	26.34	/	/	<=30	Pass
		Inner_1RB_Right	24.76	/	/	26.26	/	/	<=30	Pass
		Edge_1RB_Left	21.74	/	/	23.24	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	22.08	/	/	23.58	/	/	<=30	Pass
		Outer_Full	24.43	/	/	25.93	/	/	<=30	Pass
		Inner_Full	24.88	/	/	26.38	/	/	<=30	Pass
		Inner_1RB_Left	24.63	/	/	26.13	/	/	<=30	Pass
		Inner_1RB_Right	24.90	/	/	26.40	/	/	<=30	Pass
		Edge_1RB_Left	22.07	/	/	23.57	/	/	<=30	Pass
	3534.99	Edge_1RB_Right	22.37	/	/	23.87	/	/	<=30	Pass
		Outer_Full	24.69	/	/	26.19	/	/	<=30	Pass
		Inner_Full	25.13	/	/	26.63	/	/	<=30	Pass
		Inner_1RB_Left	24.83	/	/	26.33	/	/	<=30	Pass
		Inner_1RB_Right	25.22	/	/	26.72	/	/	<=30	Pass
Edge_1RB_Left		21.81	/	/	23.31	/	/	<=30	Pass	
DFT-s-OFDM 16 QAM	3465	Edge_1RB_Right	21.68	/	/	23.18	/	/	<=30	Pass
		Outer_Full	24.01	/	/	25.51	/	/	<=30	Pass
		Inner_Full	24.57	/	/	26.07	/	/	<=30	Pass
		Inner_1RB_Left	24.22	/	/	25.72	/	/	<=30	Pass
		Inner_1RB_Right	24.19	/	/	25.69	/	/	<=30	Pass
		Edge_1RB_Left	21.63	/	/	23.13	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	21.90	/	/	23.40	/	/	<=30	Pass
		Outer_Full	23.85	/	/	25.35	/	/	<=30	Pass
		Inner_Full	24.37	/	/	25.87	/	/	<=30	Pass
		Inner_1RB_Left	23.95	/	/	25.45	/	/	<=30	Pass
		Inner_1RB_Right	24.28	/	/	25.78	/	/	<=30	Pass
		Edge_1RB_Left	21.79	/	/	23.29	/	/	<=30	Pass
	3534.99	Edge_1RB_Right	22.15	/	/	23.65	/	/	<=30	Pass
		Outer_Full	24.10	/	/	25.60	/	/	<=30	Pass
		Inner_Full	24.62	/	/	26.12	/	/	<=30	Pass
		Inner_1RB_Left	24.20	/	/	25.70	/	/	<=30	Pass
		Inner_1RB_Right	24.53	/	/	26.03	/	/	<=30	Pass
		Edge_1RB_Left	22.21	/	/	23.71	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3465	Edge_1RB_Right	22.11	/	/	23.61	/	/	<=30	Pass
		Outer_Full	23.04	/	/	24.54	/	/	<=30	Pass
		Inner_Full	23.16	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	23.09	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Right	23.11	/	/	24.61	/	/	<=30	Pass
		Edge_1RB_Left	21.90	/	/	23.40	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	22.23	/	/	23.73	/	/	<=30	Pass
		Outer_Full	22.92	/	/	24.42	/	/	<=30	Pass
		Inner_Full	22.95	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Left	22.85	/	/	24.35	/	/	<=30	Pass
		Inner_1RB_Right	23.19	/	/	24.69	/	/	<=30	Pass
		Edge_1RB_Left	22.23	/	/	23.73	/	/	<=30	Pass
	3534.99	Edge_1RB_Right	22.59	/	/	24.09	/	/	<=30	Pass
		Outer_Full	23.23	/	/	24.73	/	/	<=30	Pass
		Inner_Full	23.18	/	/	24.68	/	/	<=30	Pass
		Inner_1RB_Left	23.09	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Right	23.54	/	/	25.04	/	/	<=30	Pass
		Edge_1RB_Left	20.68	/	/	22.18	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3465	Edge_1RB_Right	20.53	/	/	22.03	/	/	<=30	Pass

		Outer_Full	20.76	/	/	22.26	/	/	<=30	Pass
		Inner_Full	20.72	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Left	20.65	/	/	22.15	/	/	<=30	Pass
		Inner_1RB_Right	20.55	/	/	22.05	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.43	/	/	21.93	/	/	<=30	Pass
		Edge_1RB_Right	20.65	/	/	22.15	/	/	<=30	Pass
		Outer_Full	20.64	/	/	22.14	/	/	<=30	Pass
		Inner_Full	20.55	/	/	22.05	/	/	<=30	Pass
		Inner_1RB_Left	20.36	/	/	21.86	/	/	<=30	Pass
		Inner_1RB_Right	20.68	/	/	22.18	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	20.65	/	/	22.15	/	/	<=30	Pass
		Edge_1RB_Right	20.96	/	/	22.46	/	/	<=30	Pass
		Outer_Full	20.84	/	/	22.34	/	/	<=30	Pass
		Inner_Full	20.77	/	/	22.27	/	/	<=30	Pass
		Inner_1RB_Left	20.61	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Right	20.94	/	/	22.44	/	/	<=30	Pass
CP-OFDM QPSK	3465	Edge_1RB_Left	22.05	/	/	23.55	/	/	<=30	Pass
		Edge_1RB_Right	21.90	/	/	23.40	/	/	<=30	Pass
		Outer_Full	22.60	/	/	24.10	/	/	<=30	Pass
		Inner_Full	23.97	/	/	25.47	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	25.27	/	/	<=30	Pass
		Inner_1RB_Right	23.80	/	/	25.30	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.58	/	/	23.08	/	/	<=30	Pass
		Edge_1RB_Right	22.06	/	/	23.56	/	/	<=30	Pass
		Outer_Full	22.46	/	/	23.96	/	/	<=30	Pass
		Inner_Full	23.76	/	/	25.26	/	/	<=30	Pass
		Inner_1RB_Left	23.55	/	/	25.05	/	/	<=30	Pass
		Inner_1RB_Right	23.90	/	/	25.40	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	21.93	/	/	23.43	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	23.91	/	/	<=30	Pass
		Outer_Full	22.73	/	/	24.23	/	/	<=30	Pass
		Inner_Full	24.14	/	/	25.64	/	/	<=30	Pass
		Inner_1RB_Left	23.89	/	/	25.39	/	/	<=30	Pass
		Inner_1RB_Right	24.38	/	/	25.88	/	/	<=30	Pass
CP-OFDM 16 QAM	3465	Edge_1RB_Left	21.82	/	/	23.32	/	/	<=30	Pass
		Edge_1RB_Right	21.74	/	/	23.24	/	/	<=30	Pass
		Outer_Full	22.70	/	/	24.20	/	/	<=30	Pass
		Inner_Full	23.56	/	/	25.06	/	/	<=30	Pass
		Inner_1RB_Left	23.21	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Right	23.15	/	/	24.65	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.57	/	/	23.07	/	/	<=30	Pass
		Edge_1RB_Right	21.87	/	/	23.37	/	/	<=30	Pass
		Outer_Full	22.60	/	/	24.10	/	/	<=30	Pass
		Inner_Full	23.32	/	/	24.82	/	/	<=30	Pass
		Inner_1RB_Left	22.99	/	/	24.49	/	/	<=30	Pass
		Inner_1RB_Right	23.33	/	/	24.83	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	21.90	/	/	23.40	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	23.88	/	/	<=30	Pass
		Outer_Full	22.84	/	/	24.34	/	/	<=30	Pass
		Inner_Full	23.59	/	/	25.09	/	/	<=30	Pass
		Inner_1RB_Left	23.29	/	/	24.79	/	/	<=30	Pass
		Inner_1RB_Right	23.54	/	/	25.04	/	/	<=30	Pass
CP-OFDM 64 QAM	3465	Edge_1RB_Left	22.12	/	/	23.62	/	/	<=30	Pass
		Edge_1RB_Right	22.06	/	/	23.56	/	/	<=30	Pass
		Outer_Full	22.05	/	/	23.55	/	/	<=30	Pass
		Inner_Full	22.08	/	/	23.58	/	/	<=30	Pass
		Inner_1RB_Left	22.12	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Right	22.02	/	/	23.52	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.89	/	/	23.39	/	/	<=30	Pass

		Edge_1RB_Right	22.27	/	/	23.77	/	/	<=30	Pass	
		Outer_Full	21.93	/	/	23.43	/	/	<=30	Pass	
		Inner_Full	21.91	/	/	23.41	/	/	<=30	Pass	
		Inner_1RB_Left	21.93	/	/	23.43	/	/	<=30	Pass	
		Inner_1RB_Right	22.21	/	/	23.71	/	/	<=30	Pass	
	3534.99	Edge_1RB_Left	22.12	/	/	23.62	/	/	<=30	Pass	
		Edge_1RB_Right	22.61	/	/	24.11	/	/	<=30	Pass	
		Outer_Full	22.20	/	/	23.70	/	/	<=30	Pass	
		Inner_Full	22.20	/	/	23.70	/	/	<=30	Pass	
		Inner_1RB_Left	22.17	/	/	23.67	/	/	<=30	Pass	
	CP-OFDM 256 QAM	3465	Inner_1RB_Right	22.55	/	/	24.05	/	/	<=30	Pass
			Edge_1RB_Left	18.78	/	/	20.28	/	/	<=30	Pass
			Edge_1RB_Right	18.65	/	/	20.15	/	/	<=30	Pass
			Outer_Full	18.79	/	/	20.29	/	/	<=30	Pass
			Inner_Full	18.81	/	/	20.31	/	/	<=30	Pass
Inner_1RB_Left			18.77	/	/	20.27	/	/	<=30	Pass	
3500.01		Inner_1RB_Right	18.59	/	/	20.09	/	/	<=30	Pass	
		Edge_1RB_Left	18.49	/	/	19.99	/	/	<=30	Pass	
		Edge_1RB_Right	18.75	/	/	20.25	/	/	<=30	Pass	
		Outer_Full	18.62	/	/	20.12	/	/	<=30	Pass	
		Inner_Full	18.61	/	/	20.11	/	/	<=30	Pass	
		Inner_1RB_Left	18.51	/	/	20.01	/	/	<=30	Pass	
3534.99		Inner_1RB_Right	18.76	/	/	20.26	/	/	<=30	Pass	
		Edge_1RB_Left	18.74	/	/	20.24	/	/	<=30	Pass	
		Edge_1RB_Right	19.10	/	/	20.60	/	/	<=30	Pass	
	Outer_Full	18.88	/	/	20.38	/	/	<=30	Pass		
	Inner_Full	18.87	/	/	20.37	/	/	<=30	Pass		
	Inner_1RB_Left	18.70	/	/	20.20	/	/	<=30	Pass		
Inner_1RB_Right	19.07	/	/	20.57	/	/	<=30	Pass			
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.6 30k_SISO_40MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 40MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3470.01	Edge 1RB Left	21.53	/	/	23.03	/	/	<=30	Pass
		Edge 1RB Right	21.27	/	/	22.77	/	/	<=30	Pass
		Outer_Full	24.56	/	/	26.06	/	/	<=30	Pass
		Inner_Full	25.04	/	/	26.54	/	/	<=30	Pass
		Inner 1RB Left	24.85	/	/	26.35	/	/	<=30	Pass
		Inner 1RB Right	24.60	/	/	26.10	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.28	/	/	22.78	/	/	<=30	Pass
		Edge 1RB Right	21.54	/	/	23.04	/	/	<=30	Pass
		Outer_Full	24.39	/	/	25.89	/	/	<=30	Pass
		Inner_Full	24.79	/	/	26.29	/	/	<=30	Pass
		Inner 1RB Left	24.68	/	/	26.18	/	/	<=30	Pass
		Inner 1RB Right	24.87	/	/	26.37	/	/	<=30	Pass
	3529.98	Edge 1RB Left	21.52	/	/	23.02	/	/	<=30	Pass
		Edge 1RB Right	21.75	/	/	23.25	/	/	<=30	Pass
		Outer_Full	24.62	/	/	26.12	/	/	<=30	Pass
		Inner_Full	25.01	/	/	26.51	/	/	<=30	Pass
		Inner 1RB Left	24.90	/	/	26.40	/	/	<=30	Pass
		Inner 1RB Right	25.11	/	/	26.61	/	/	<=30	Pass
DFT-s-OFDM QPSK	3470.01	Edge 1RB Left	22.01	/	/	23.51	/	/	<=30	Pass
		Edge 1RB Right	21.79	/	/	23.29	/	/	<=30	Pass
		Outer_Full	24.62	/	/	26.12	/	/	<=30	Pass

		Inner_Full	25.09	/	/	26.59	/	/	<=30	Pass
		Inner_1RB_Left	24.82	/	/	26.32	/	/	<=30	Pass
		Inner_1RB_Right	24.62	/	/	26.12	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.79	/	/	23.29	/	/	<=30	Pass
		Edge_1RB_Right	21.98	/	/	23.48	/	/	<=30	Pass
		Outer_Full	24.41	/	/	25.91	/	/	<=30	Pass
		Inner_Full	24.79	/	/	26.29	/	/	<=30	Pass
		Inner_1RB_Left	24.62	/	/	26.12	/	/	<=30	Pass
		Inner_1RB_Right	24.83	/	/	26.33	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.03	/	/	23.53	/	/	<=30	Pass
		Edge_1RB_Right	22.29	/	/	23.79	/	/	<=30	Pass
		Outer_Full	24.57	/	/	26.07	/	/	<=30	Pass
		Inner_Full	24.99	/	/	26.49	/	/	<=30	Pass
		Inner_1RB_Left	24.92	/	/	26.42	/	/	<=30	Pass
		Inner_1RB_Right	25.11	/	/	26.61	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3470.01	Edge_1RB_Left	21.75	/	/	23.25	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	23.10	/	/	<=30	Pass
		Outer_Full	24.02	/	/	25.52	/	/	<=30	Pass
		Inner_Full	24.55	/	/	26.05	/	/	<=30	Pass
		Inner_1RB_Left	24.09	/	/	25.59	/	/	<=30	Pass
		Inner_1RB_Right	23.94	/	/	25.44	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.57	/	/	23.07	/	/	<=30	Pass
		Edge_1RB_Right	21.76	/	/	23.26	/	/	<=30	Pass
		Outer_Full	23.80	/	/	25.30	/	/	<=30	Pass
		Inner_Full	24.30	/	/	25.80	/	/	<=30	Pass
		Inner_1RB_Left	24.02	/	/	25.52	/	/	<=30	Pass
		Inner_1RB_Right	24.09	/	/	25.59	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	21.93	/	/	23.43	/	/	<=30	Pass
		Edge_1RB_Right	22.00	/	/	23.50	/	/	<=30	Pass
		Outer_Full	23.99	/	/	25.49	/	/	<=30	Pass
		Inner_Full	24.50	/	/	26.00	/	/	<=30	Pass
		Inner_1RB_Left	24.26	/	/	25.76	/	/	<=30	Pass
		Inner_1RB_Right	24.48	/	/	25.98	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3470.01	Edge_1RB_Left	22.26	/	/	23.76	/	/	<=30	Pass
		Edge_1RB_Right	22.08	/	/	23.58	/	/	<=30	Pass
		Outer_Full	22.99	/	/	24.49	/	/	<=30	Pass
		Inner_Full	23.12	/	/	24.62	/	/	<=30	Pass
		Inner_1RB_Left	23.16	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Right	23.00	/	/	24.50	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.10	/	/	23.60	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	23.72	/	/	<=30	Pass
		Outer_Full	22.87	/	/	24.37	/	/	<=30	Pass
		Inner_Full	22.84	/	/	24.34	/	/	<=30	Pass
		Inner_1RB_Left	22.95	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Right	23.14	/	/	24.64	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.26	/	/	23.76	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	24.02	/	/	<=30	Pass
		Outer_Full	23.05	/	/	24.55	/	/	<=30	Pass
		Inner_Full	23.02	/	/	24.52	/	/	<=30	Pass
		Inner_1RB_Left	23.24	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Right	23.43	/	/	24.93	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3470.01	Edge_1RB_Left	20.66	/	/	22.16	/	/	<=30	Pass
		Edge_1RB_Right	20.44	/	/	21.94	/	/	<=30	Pass
		Outer_Full	20.76	/	/	22.26	/	/	<=30	Pass
		Inner_Full	20.74	/	/	22.24	/	/	<=30	Pass
		Inner_1RB_Left	20.68	/	/	22.18	/	/	<=30	Pass
		Inner_1RB_Right	20.43	/	/	21.93	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.46	/	/	21.96	/	/	<=30	Pass
		Edge_1RB_Right	20.61	/	/	22.11	/	/	<=30	Pass

		Outer_Full	20.59	/	/	22.09	/	/	<=30	Pass
		Inner_Full	20.54	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Left	20.44	/	/	21.94	/	/	<=30	Pass
		Inner_1RB_Right	20.58	/	/	22.08	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	20.62	/	/	22.12	/	/	<=30	Pass
		Edge_1RB_Right	20.85	/	/	22.35	/	/	<=30	Pass
		Outer_Full	20.71	/	/	22.21	/	/	<=30	Pass
		Inner_Full	20.65	/	/	22.15	/	/	<=30	Pass
		Inner_1RB_Left	20.62	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Right	20.86	/	/	22.36	/	/	<=30	Pass
CP-OFDM QPSK	3470.01	Edge_1RB_Left	22.02	/	/	23.52	/	/	<=30	Pass
		Edge_1RB_Right	22.01	/	/	23.51	/	/	<=30	Pass
		Outer_Full	22.58	/	/	24.08	/	/	<=30	Pass
		Inner_Full	24.00	/	/	25.50	/	/	<=30	Pass
		Inner_1RB_Left	23.92	/	/	25.42	/	/	<=30	Pass
		Inner_1RB_Right	23.78	/	/	25.28	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.99	/	/	23.49	/	/	<=30	Pass
		Edge_1RB_Right	22.07	/	/	23.57	/	/	<=30	Pass
		Outer_Full	22.36	/	/	23.86	/	/	<=30	Pass
		Inner_Full	23.75	/	/	25.25	/	/	<=30	Pass
		Inner_1RB_Left	23.91	/	/	25.41	/	/	<=30	Pass
		Inner_1RB_Right	23.91	/	/	25.41	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	21.97	/	/	23.47	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	23.69	/	/	<=30	Pass
		Outer_Full	22.52	/	/	24.02	/	/	<=30	Pass
		Inner_Full	23.93	/	/	25.43	/	/	<=30	Pass
		Inner_1RB_Left	23.86	/	/	25.36	/	/	<=30	Pass
		Inner_1RB_Right	24.25	/	/	25.75	/	/	<=30	Pass
CP-OFDM 16 QAM	3470.01	Edge_1RB_Left	21.74	/	/	23.24	/	/	<=30	Pass
		Edge_1RB_Right	21.66	/	/	23.16	/	/	<=30	Pass
		Outer_Full	22.69	/	/	24.19	/	/	<=30	Pass
		Inner_Full	23.52	/	/	25.02	/	/	<=30	Pass
		Inner_1RB_Left	23.13	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Right	23.04	/	/	24.54	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.56	/	/	23.06	/	/	<=30	Pass
		Edge_1RB_Right	21.79	/	/	23.29	/	/	<=30	Pass
		Outer_Full	22.52	/	/	24.02	/	/	<=30	Pass
		Inner_Full	23.32	/	/	24.82	/	/	<=30	Pass
		Inner_1RB_Left	23.05	/	/	24.55	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	24.82	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	21.97	/	/	23.47	/	/	<=30	Pass
		Edge_1RB_Right	22.18	/	/	23.68	/	/	<=30	Pass
		Outer_Full	22.72	/	/	24.22	/	/	<=30	Pass
		Inner_Full	23.52	/	/	25.02	/	/	<=30	Pass
		Inner_1RB_Left	23.22	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Right	23.48	/	/	24.98	/	/	<=30	Pass
CP-OFDM 64 QAM	3470.01	Edge_1RB_Left	22.13	/	/	23.63	/	/	<=30	Pass
		Edge_1RB_Right	21.86	/	/	23.36	/	/	<=30	Pass
		Outer_Full	22.09	/	/	23.59	/	/	<=30	Pass
		Inner_Full	22.04	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Left	22.16	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Right	21.97	/	/	23.47	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.90	/	/	23.40	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	23.65	/	/	<=30	Pass
		Outer_Full	21.86	/	/	23.36	/	/	<=30	Pass
		Inner_Full	21.93	/	/	23.43	/	/	<=30	Pass
		Inner_1RB_Left	21.95	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Right	22.19	/	/	23.69	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.18	/	/	23.68	/	/	<=30	Pass

		Edge 1RB Right	22.35	/	/	23.85	/	/	<=30	Pass	
		Outer Full	22.08	/	/	23.58	/	/	<=30	Pass	
		Inner Full	22.04	/	/	23.54	/	/	<=30	Pass	
		Inner 1RB Left	22.25	/	/	23.75	/	/	<=30	Pass	
		Inner 1RB Right	22.36	/	/	23.86	/	/	<=30	Pass	
CP-OFDM 256 QAM	3470.01	Edge 1RB Left	18.81	/	/	20.31	/	/	<=30	Pass	
		Edge 1RB Right	18.54	/	/	20.04	/	/	<=30	Pass	
		Outer Full	18.75	/	/	20.25	/	/	<=30	Pass	
		Inner Full	18.82	/	/	20.32	/	/	<=30	Pass	
		Inner 1RB Left	18.78	/	/	20.28	/	/	<=30	Pass	
		Inner 1RB Right	18.56	/	/	20.06	/	/	<=30	Pass	
	3500.01	Edge 1RB Left	18.55	/	/	20.05	/	/	<=30	Pass	
		Edge 1RB Right	18.66	/	/	20.16	/	/	<=30	Pass	
		Outer Full	18.60	/	/	20.10	/	/	<=30	Pass	
		Inner Full	18.56	/	/	20.06	/	/	<=30	Pass	
		Inner 1RB Left	18.53	/	/	20.03	/	/	<=30	Pass	
		Inner 1RB Right	18.70	/	/	20.20	/	/	<=30	Pass	
	3529.98	Edge 1RB Left	18.77	/	/	20.27	/	/	<=30	Pass	
		Edge 1RB Right	18.95	/	/	20.45	/	/	<=30	Pass	
		Outer Full	18.80	/	/	20.30	/	/	<=30	Pass	
		Inner Full	18.74	/	/	20.24	/	/	<=30	Pass	
		Inner 1RB Left	18.73	/	/	20.23	/	/	<=30	Pass	
		Inner 1RB Right	19.02	/	/	20.52	/	/	<=30	Pass	
	Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 30k_SISO_50MHz_NTNV_EIRP

5G NR n78e 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	3475.02	Edge 1RB Left	21.50	/	/	23.00	/	/	<=30	Pass
		Edge 1RB Right	21.37	/	/	22.87	/	/	<=30	Pass
		Outer_Full	24.43	/	/	25.93	/	/	<=30	Pass
		Inner_Full	24.98	/	/	26.48	/	/	<=30	Pass
		Inner 1RB Left	24.76	/	/	26.26	/	/	<=30	Pass
		Inner 1RB Right	24.67	/	/	26.17	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.31	/	/	22.81	/	/	<=30	Pass
		Edge 1RB Right	21.50	/	/	23.00	/	/	<=30	Pass
		Outer_Full	24.44	/	/	25.94	/	/	<=30	Pass
		Inner_Full	24.87	/	/	26.37	/	/	<=30	Pass
		Inner 1RB Left	24.73	/	/	26.23	/	/	<=30	Pass
		Inner 1RB Right	24.83	/	/	26.33	/	/	<=30	Pass
	3525	Edge 1RB Left	21.48	/	/	22.98	/	/	<=30	Pass
		Edge 1RB Right	21.74	/	/	23.24	/	/	<=30	Pass
		Outer_Full	24.52	/	/	26.02	/	/	<=30	Pass
		Inner_Full	24.94	/	/	26.44	/	/	<=30	Pass
		Inner 1RB Left	24.77	/	/	26.27	/	/	<=30	Pass
		Inner 1RB Right	25.00	/	/	26.50	/	/	<=30	Pass
DFT-s-OFDM QPSK	3475.02	Edge 1RB Left	22.02	/	/	23.52	/	/	<=30	Pass
		Edge 1RB Right	21.88	/	/	23.38	/	/	<=30	Pass
		Outer_Full	24.48	/	/	25.98	/	/	<=30	Pass
		Inner_Full	24.92	/	/	26.42	/	/	<=30	Pass
		Inner 1RB Left	24.75	/	/	26.25	/	/	<=30	Pass
		Inner 1RB Right	24.64	/	/	26.14	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.98	/	/	23.48	/	/	<=30	Pass
		Edge 1RB Right	22.02	/	/	23.52	/	/	<=30	Pass
		Outer_Full	24.37	/	/	25.87	/	/	<=30	Pass

		Inner_Full	24.87	/	/	26.37	/	/	<=30	Pass
		Inner_1RB_Left	24.75	/	/	26.25	/	/	<=30	Pass
		Inner_1RB_Right	24.84	/	/	26.34	/	/	<=30	Pass
	3525	Edge_1RB_Left	21.98	/	/	23.48	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	23.73	/	/	<=30	Pass
		Outer_Full	24.51	/	/	26.01	/	/	<=30	Pass
		Inner_Full	24.88	/	/	26.38	/	/	<=30	Pass
		Inner_1RB_Left	24.71	/	/	26.21	/	/	<=30	Pass
		Inner_1RB_Right	24.99	/	/	26.49	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3475.02	Edge_1RB_Left	21.71	/	/	23.21	/	/	<=30	Pass
		Edge_1RB_Right	21.55	/	/	23.05	/	/	<=30	Pass
		Outer_Full	23.83	/	/	25.33	/	/	<=30	Pass
		Inner_Full	24.42	/	/	25.92	/	/	<=30	Pass
		Inner_1RB_Left	24.02	/	/	25.52	/	/	<=30	Pass
		Inner_1RB_Right	23.98	/	/	25.48	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.73	/	/	23.23	/	/	<=30	Pass
		Edge_1RB_Right	21.78	/	/	23.28	/	/	<=30	Pass
		Outer_Full	23.82	/	/	25.32	/	/	<=30	Pass
		Inner_Full	24.35	/	/	25.85	/	/	<=30	Pass
		Inner_1RB_Left	24.04	/	/	25.54	/	/	<=30	Pass
		Inner_1RB_Right	24.20	/	/	25.70	/	/	<=30	Pass
	3525	Edge_1RB_Left	21.73	/	/	23.23	/	/	<=30	Pass
		Edge_1RB_Right	22.04	/	/	23.54	/	/	<=30	Pass
		Outer_Full	23.91	/	/	25.41	/	/	<=30	Pass
		Inner_Full	24.31	/	/	25.81	/	/	<=30	Pass
		Inner_1RB_Left	23.99	/	/	25.49	/	/	<=30	Pass
		Inner_1RB_Right	24.27	/	/	25.77	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3475.02	Edge_1RB_Left	22.23	/	/	23.73	/	/	<=30	Pass
		Edge_1RB_Right	21.98	/	/	23.48	/	/	<=30	Pass
		Outer_Full	22.91	/	/	24.41	/	/	<=30	Pass
		Inner_Full	22.99	/	/	24.49	/	/	<=30	Pass
		Inner_1RB_Left	23.05	/	/	24.55	/	/	<=30	Pass
		Inner_1RB_Right	22.95	/	/	24.45	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.23	/	/	23.73	/	/	<=30	Pass
		Edge_1RB_Right	22.16	/	/	23.66	/	/	<=30	Pass
		Outer_Full	22.86	/	/	24.36	/	/	<=30	Pass
		Inner_Full	22.90	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Left	23.05	/	/	24.55	/	/	<=30	Pass
		Inner_1RB_Right	23.11	/	/	24.61	/	/	<=30	Pass
	3525	Edge_1RB_Left	22.07	/	/	23.57	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	23.97	/	/	<=30	Pass
		Outer_Full	23.04	/	/	24.54	/	/	<=30	Pass
		Inner_Full	22.95	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Left	22.99	/	/	24.49	/	/	<=30	Pass
		Inner_1RB_Right	23.34	/	/	24.84	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3475.02	Edge_1RB_Left	20.56	/	/	22.06	/	/	<=30	Pass
		Edge_1RB_Right	20.37	/	/	21.87	/	/	<=30	Pass
		Outer_Full	20.64	/	/	22.14	/	/	<=30	Pass
		Inner_Full	20.67	/	/	22.17	/	/	<=30	Pass
		Inner_1RB_Left	20.50	/	/	22.00	/	/	<=30	Pass
		Inner_1RB_Right	20.37	/	/	21.87	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.53	/	/	22.03	/	/	<=30	Pass
		Edge_1RB_Right	20.55	/	/	22.05	/	/	<=30	Pass
		Outer_Full	20.63	/	/	22.13	/	/	<=30	Pass
		Inner_Full	20.59	/	/	22.09	/	/	<=30	Pass
		Inner_1RB_Left	20.49	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Right	20.49	/	/	21.99	/	/	<=30	Pass
	3525	Edge_1RB_Left	20.44	/	/	21.94	/	/	<=30	Pass
		Edge_1RB_Right	20.74	/	/	22.24	/	/	<=30	Pass

		Outer_Full	20.68	/	/	22.18	/	/	<=30	Pass
		Inner_Full	20.61	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Left	20.43	/	/	21.93	/	/	<=30	Pass
		Inner_1RB_Right	20.77	/	/	22.27	/	/	<=30	Pass
CP-OFDM QPSK	3475.02	Edge_1RB_Left	22.14	/	/	23.64	/	/	<=30	Pass
		Edge_1RB_Right	21.67	/	/	23.17	/	/	<=30	Pass
		Outer_Full	22.41	/	/	23.91	/	/	<=30	Pass
		Inner_Full	23.82	/	/	25.32	/	/	<=30	Pass
		Inner_1RB_Left	23.87	/	/	25.37	/	/	<=30	Pass
		Inner_1RB_Right	23.70	/	/	25.20	/	/	<=30	Pass
		Edge_1RB_Left	21.77	/	/	23.27	/	/	<=30	Pass
		Edge_1RB_Right	21.96	/	/	23.46	/	/	<=30	Pass
	3500.01	Outer_Full	22.39	/	/	23.89	/	/	<=30	Pass
		Inner_Full	23.78	/	/	25.28	/	/	<=30	Pass
		Inner_1RB_Left	23.96	/	/	25.46	/	/	<=30	Pass
		Inner_1RB_Right	24.01	/	/	25.51	/	/	<=30	Pass
		Edge_1RB_Left	21.71	/	/	23.21	/	/	<=30	Pass
		Edge_1RB_Right	22.20	/	/	23.70	/	/	<=30	Pass
	3525	Outer_Full	22.49	/	/	23.99	/	/	<=30	Pass
		Inner_Full	23.83	/	/	25.33	/	/	<=30	Pass
		Inner_1RB_Left	23.79	/	/	25.29	/	/	<=30	Pass
		Inner_1RB_Right	24.12	/	/	25.62	/	/	<=30	Pass
CP-OFDM 16 QAM	3475.02	Edge_1RB_Left	21.68	/	/	23.18	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	23.10	/	/	<=30	Pass
		Outer_Full	22.62	/	/	24.12	/	/	<=30	Pass
		Inner_Full	23.42	/	/	24.92	/	/	<=30	Pass
		Inner_1RB_Left	23.11	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Right	22.96	/	/	24.46	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.67	/	/	23.17	/	/	<=30	Pass
		Edge_1RB_Right	21.90	/	/	23.40	/	/	<=30	Pass
		Outer_Full	22.53	/	/	24.03	/	/	<=30	Pass
		Inner_Full	23.33	/	/	24.83	/	/	<=30	Pass
		Inner_1RB_Left	23.07	/	/	24.57	/	/	<=30	Pass
		Inner_1RB_Right	23.19	/	/	24.69	/	/	<=30	Pass
	3525	Edge_1RB_Left	21.71	/	/	23.21	/	/	<=30	Pass
		Edge_1RB_Right	21.90	/	/	23.40	/	/	<=30	Pass
		Outer_Full	22.62	/	/	24.12	/	/	<=30	Pass
		Inner_Full	23.40	/	/	24.90	/	/	<=30	Pass
		Inner_1RB_Left	23.21	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	24.95	/	/	<=30	Pass
CP-OFDM 64 QAM	3475.02	Edge_1RB_Left	22.04	/	/	23.54	/	/	<=30	Pass
		Edge_1RB_Right	21.94	/	/	23.44	/	/	<=30	Pass
		Outer_Full	21.82	/	/	23.32	/	/	<=30	Pass
		Inner_Full	22.01	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Left	22.01	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Right	22.04	/	/	23.54	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.02	/	/	23.52	/	/	<=30	Pass
		Edge_1RB_Right	22.14	/	/	23.64	/	/	<=30	Pass
		Outer_Full	21.83	/	/	23.33	/	/	<=30	Pass
		Inner_Full	21.87	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Left	22.29	/	/	23.79	/	/	<=30	Pass
		Inner_1RB_Right	22.19	/	/	23.69	/	/	<=30	Pass
	3525	Edge_1RB_Left	22.05	/	/	23.55	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	23.78	/	/	<=30	Pass
		Outer_Full	22.00	/	/	23.50	/	/	<=30	Pass
		Inner_Full	21.95	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Left	22.07	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Right	22.33	/	/	23.83	/	/	<=30	Pass
CP-OFDM 256 QAM	3475.02	Edge_1RB_Left	18.69	/	/	20.19	/	/	<=30	Pass

		Edge 1RB Right	18.56	/	/	20.06	/	/	<=30	Pass
		Outer Full	18.68	/	/	20.18	/	/	<=30	Pass
		Inner Full	18.67	/	/	20.17	/	/	<=30	Pass
		Inner 1RB Left	18.65	/	/	20.15	/	/	<=30	Pass
		Inner 1RB Right	18.50	/	/	20.00	/	/	<=30	Pass
	3500.01	Edge 1RB Left	18.66	/	/	20.16	/	/	<=30	Pass
		Edge 1RB Right	18.59	/	/	20.09	/	/	<=30	Pass
		Outer Full	18.64	/	/	20.14	/	/	<=30	Pass
		Inner Full	18.58	/	/	20.08	/	/	<=30	Pass
		Inner 1RB Left	18.67	/	/	20.17	/	/	<=30	Pass
	3525	Inner 1RB Right	18.59	/	/	20.09	/	/	<=30	Pass
		Edge 1RB Left	18.59	/	/	20.09	/	/	<=30	Pass
		Edge 1RB Right	18.86	/	/	20.36	/	/	<=30	Pass
		Outer Full	18.63	/	/	20.13	/	/	<=30	Pass
		Inner Full	18.61	/	/	20.11	/	/	<=30	Pass
		Inner 1RB Left	18.59	/	/	20.09	/	/	<=30	Pass
		Inner 1RB Right	18.86	/	/	20.36	/	/	<=30	Pass
		Outer Full	18.63	/	/	20.13	/	/	<=30	Pass
		Inner Full	18.61	/	/	20.11	/	/	<=30	Pass

Note1: Antenna Gain: Ant11: 1.50dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.8 30k_SISO_60MHz_NTNV_EIRP

5G NR n78e 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	3480	Edge 1RB Left	21.43	/	/	22.93	/	/	<=30	Pass
		Edge 1RB Right	21.55	/	/	23.05	/	/	<=30	Pass
		Outer Full	24.43	/	/	25.93	/	/	<=30	Pass
		Inner Full	24.89	/	/	26.39	/	/	<=30	Pass
		Inner 1RB Left	24.81	/	/	26.31	/	/	<=30	Pass
		Inner 1RB Right	24.87	/	/	26.37	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.56	/	/	23.06	/	/	<=30	Pass
		Edge 1RB Right	21.56	/	/	23.06	/	/	<=30	Pass
		Outer Full	24.38	/	/	25.88	/	/	<=30	Pass
		Inner Full	24.81	/	/	26.31	/	/	<=30	Pass
		Inner 1RB Left	24.87	/	/	26.37	/	/	<=30	Pass
		Inner 1RB Right	24.85	/	/	26.35	/	/	<=30	Pass
	3519.99	Edge 1RB Left	21.29	/	/	22.79	/	/	<=30	Pass
		Edge 1RB Right	21.88	/	/	23.38	/	/	<=30	Pass
		Outer Full	24.55	/	/	26.05	/	/	<=30	Pass
		Inner Full	24.99	/	/	26.49	/	/	<=30	Pass
		Inner 1RB Left	24.62	/	/	26.12	/	/	<=30	Pass
		Inner 1RB Right	25.16	/	/	26.66	/	/	<=30	Pass
DFT-s-OFDM QPSK	3480	Edge 1RB Left	21.90	/	/	23.40	/	/	<=30	Pass
		Edge 1RB Right	22.04	/	/	23.54	/	/	<=30	Pass
		Outer Full	24.42	/	/	25.92	/	/	<=30	Pass
		Inner Full	24.88	/	/	26.38	/	/	<=30	Pass
		Inner 1RB Left	24.77	/	/	26.27	/	/	<=30	Pass
		Inner 1RB Right	24.82	/	/	26.32	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.99	/	/	23.49	/	/	<=30	Pass
		Edge 1RB Right	21.99	/	/	23.49	/	/	<=30	Pass
		Outer Full	24.37	/	/	25.87	/	/	<=30	Pass
		Inner Full	24.83	/	/	26.33	/	/	<=30	Pass
		Inner 1RB Left	24.85	/	/	26.35	/	/	<=30	Pass
		Inner 1RB Right	24.86	/	/	26.36	/	/	<=30	Pass
	3519.99	Edge 1RB Left	21.69	/	/	23.19	/	/	<=30	Pass
		Edge 1RB Right	22.33	/	/	23.83	/	/	<=30	Pass
		Outer Full	24.57	/	/	26.07	/	/	<=30	Pass

		Inner_Full	25.05	/	/	26.55	/	/	<=30	Pass
		Inner_1RB_Left	24.61	/	/	26.11	/	/	<=30	Pass
		Inner_1RB_Right	25.16	/	/	26.66	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3480	Edge_1RB_Left	21.73	/	/	23.23	/	/	<=30	Pass
		Edge_1RB_Right	21.75	/	/	23.25	/	/	<=30	Pass
		Outer_Full	23.88	/	/	25.38	/	/	<=30	Pass
		Inner_Full	24.39	/	/	25.89	/	/	<=30	Pass
		Inner_1RB_Left	24.12	/	/	25.62	/	/	<=30	Pass
		Inner_1RB_Right	24.15	/	/	25.65	/	/	<=30	Pass
		Edge_1RB_Left	21.76	/	/	23.26	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	21.76	/	/	23.26	/	/	<=30	Pass
		Outer_Full	23.79	/	/	25.29	/	/	<=30	Pass
		Inner_Full	24.35	/	/	25.85	/	/	<=30	Pass
		Inner_1RB_Left	24.17	/	/	25.67	/	/	<=30	Pass
		Inner_1RB_Right	24.20	/	/	25.70	/	/	<=30	Pass
		Edge_1RB_Left	21.55	/	/	23.05	/	/	<=30	Pass
	3519.99	Edge_1RB_Right	22.05	/	/	23.55	/	/	<=30	Pass
		Outer_Full	23.98	/	/	25.48	/	/	<=30	Pass
		Inner_Full	24.50	/	/	26.00	/	/	<=30	Pass
		Inner_1RB_Left	23.94	/	/	25.44	/	/	<=30	Pass
		Inner_1RB_Right	24.44	/	/	25.94	/	/	<=30	Pass
		Edge_1RB_Left	22.19	/	/	23.69	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3480	Edge_1RB_Right	22.29	/	/	23.79	/	/	<=30	Pass
		Outer_Full	22.94	/	/	24.44	/	/	<=30	Pass
		Inner_Full	22.99	/	/	24.49	/	/	<=30	Pass
		Inner_1RB_Left	23.04	/	/	24.54	/	/	<=30	Pass
		Inner_1RB_Right	23.13	/	/	24.63	/	/	<=30	Pass
		Edge_1RB_Left	22.20	/	/	23.70	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	22.17	/	/	23.67	/	/	<=30	Pass
		Outer_Full	22.87	/	/	24.37	/	/	<=30	Pass
		Inner_Full	22.90	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Left	23.06	/	/	24.56	/	/	<=30	Pass
		Inner_1RB_Right	23.13	/	/	24.63	/	/	<=30	Pass
		Edge_1RB_Left	21.97	/	/	23.47	/	/	<=30	Pass
	3519.99	Edge_1RB_Right	22.55	/	/	24.05	/	/	<=30	Pass
		Outer_Full	23.01	/	/	24.51	/	/	<=30	Pass
		Inner_Full	23.06	/	/	24.56	/	/	<=30	Pass
		Inner_1RB_Left	22.90	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	24.95	/	/	<=30	Pass
		Edge_1RB_Left	20.58	/	/	22.08	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3480	Edge_1RB_Right	20.68	/	/	22.18	/	/	<=30	Pass
		Outer_Full	20.69	/	/	22.19	/	/	<=30	Pass
		Inner_Full	20.61	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Left	20.56	/	/	22.06	/	/	<=30	Pass
		Inner_1RB_Right	20.67	/	/	22.17	/	/	<=30	Pass
		Edge_1RB_Left	20.65	/	/	22.15	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	20.60	/	/	22.10	/	/	<=30	Pass
		Outer_Full	20.58	/	/	22.08	/	/	<=30	Pass
		Inner_Full	20.56	/	/	22.06	/	/	<=30	Pass
		Inner_1RB_Left	20.65	/	/	22.15	/	/	<=30	Pass
		Inner_1RB_Right	20.59	/	/	22.09	/	/	<=30	Pass
		Edge_1RB_Left	20.41	/	/	21.91	/	/	<=30	Pass
	3519.99	Edge_1RB_Right	20.91	/	/	22.41	/	/	<=30	Pass
		Outer_Full	20.77	/	/	22.27	/	/	<=30	Pass
		Inner_Full	20.72	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Left	20.37	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Right	20.88	/	/	22.38	/	/	<=30	Pass
		Edge_1RB_Left	21.82	/	/	23.32	/	/	<=30	Pass
CP-OFDM QPSK	3480	Edge_1RB_Right	22.04	/	/	23.54	/	/	<=30	Pass

		Outer_Full	22.46	/	/	23.96	/	/	<=30	Pass
		Inner_Full	23.84	/	/	25.34	/	/	<=30	Pass
		Inner_1RB_Left	23.79	/	/	25.29	/	/	<=30	Pass
		Inner_1RB_Right	23.84	/	/	25.34	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.01	/	/	23.51	/	/	<=30	Pass
		Edge_1RB_Right	21.89	/	/	23.39	/	/	<=30	Pass
		Outer_Full	22.33	/	/	23.83	/	/	<=30	Pass
		Inner_Full	23.79	/	/	25.29	/	/	<=30	Pass
		Inner_1RB_Left	23.96	/	/	25.46	/	/	<=30	Pass
		Inner_1RB_Right	23.90	/	/	25.40	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	21.68	/	/	23.18	/	/	<=30	Pass
		Edge_1RB_Right	22.30	/	/	23.80	/	/	<=30	Pass
		Outer_Full	22.55	/	/	24.05	/	/	<=30	Pass
		Inner_Full	23.96	/	/	25.46	/	/	<=30	Pass
		Inner_1RB_Left	23.61	/	/	25.11	/	/	<=30	Pass
		Inner_1RB_Right	24.14	/	/	25.64	/	/	<=30	Pass
CP-OFDM 16 QAM	3480	Edge_1RB_Left	21.76	/	/	23.26	/	/	<=30	Pass
		Edge_1RB_Right	21.82	/	/	23.32	/	/	<=30	Pass
		Outer_Full	22.55	/	/	24.05	/	/	<=30	Pass
		Inner_Full	23.36	/	/	24.86	/	/	<=30	Pass
		Inner_1RB_Left	23.07	/	/	24.57	/	/	<=30	Pass
		Inner_1RB_Right	23.17	/	/	24.67	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.85	/	/	23.35	/	/	<=30	Pass
		Edge_1RB_Right	21.82	/	/	23.32	/	/	<=30	Pass
		Outer_Full	22.51	/	/	24.01	/	/	<=30	Pass
		Inner_Full	23.25	/	/	24.75	/	/	<=30	Pass
		Inner_1RB_Left	23.19	/	/	24.69	/	/	<=30	Pass
		Inner_1RB_Right	23.13	/	/	24.63	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	21.48	/	/	22.98	/	/	<=30	Pass
		Edge_1RB_Right	22.11	/	/	23.61	/	/	<=30	Pass
		Outer_Full	22.67	/	/	24.17	/	/	<=30	Pass
		Inner_Full	23.40	/	/	24.90	/	/	<=30	Pass
		Inner_1RB_Left	22.93	/	/	24.43	/	/	<=30	Pass
		Inner_1RB_Right	23.50	/	/	25.00	/	/	<=30	Pass
CP-OFDM 64 QAM	3480	Edge_1RB_Left	22.08	/	/	23.58	/	/	<=30	Pass
		Edge_1RB_Right	22.16	/	/	23.66	/	/	<=30	Pass
		Outer_Full	21.98	/	/	23.48	/	/	<=30	Pass
		Inner_Full	21.98	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Left	22.05	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Right	22.16	/	/	23.66	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.11	/	/	23.61	/	/	<=30	Pass
		Edge_1RB_Right	22.13	/	/	23.63	/	/	<=30	Pass
		Outer_Full	21.89	/	/	23.39	/	/	<=30	Pass
		Inner_Full	21.91	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Left	22.10	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Right	22.15	/	/	23.65	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	21.83	/	/	23.33	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	23.95	/	/	<=30	Pass
		Outer_Full	22.02	/	/	23.52	/	/	<=30	Pass
		Inner_Full	22.04	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Left	21.90	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Right	22.45	/	/	23.95	/	/	<=30	Pass
CP-OFDM 256 QAM	3480	Edge_1RB_Left	18.69	/	/	20.19	/	/	<=30	Pass
		Edge_1RB_Right	18.80	/	/	20.30	/	/	<=30	Pass
		Outer_Full	18.68	/	/	20.18	/	/	<=30	Pass
		Inner_Full	18.63	/	/	20.13	/	/	<=30	Pass
		Inner_1RB_Left	18.71	/	/	20.21	/	/	<=30	Pass
		Inner_1RB_Right	18.81	/	/	20.31	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.76	/	/	20.26	/	/	<=30	Pass

		Edge 1RB Right	18.69	/	/	20.19	/	/	<=30	Pass
		Outer_Full	18.62	/	/	20.12	/	/	<=30	Pass
		Inner_Full	18.53	/	/	20.03	/	/	<=30	Pass
		Inner_1RB Left	18.78	/	/	20.28	/	/	<=30	Pass
		Inner_1RB Right	18.69	/	/	20.19	/	/	<=30	Pass
	3519.99	Edge 1RB Left	18.51	/	/	20.01	/	/	<=30	Pass
		Edge 1RB Right	19.00	/	/	20.50	/	/	<=30	Pass
		Outer_Full	18.76	/	/	20.26	/	/	<=30	Pass
		Inner_Full	18.72	/	/	20.22	/	/	<=30	Pass
		Inner_1RB Left	18.50	/	/	20.00	/	/	<=30	Pass
		Inner_1RB Right	19.03	/	/	20.53	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30k_SISO_70MHz_NTNV_EIRP

5G NR n78e 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	3485.01	Edge 1RB Left	21.54	/	/	23.04	/	/	<=30	Pass
		Edge 1RB Right	21.45	/	/	22.95	/	/	<=30	Pass
		Outer_Full	24.52	/	/	26.02	/	/	<=30	Pass
		Inner_Full	24.83	/	/	26.33	/	/	<=30	Pass
		Inner 1RB Left	24.87	/	/	26.37	/	/	<=30	Pass
		Inner 1RB Right	24.76	/	/	26.26	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.69	/	/	23.19	/	/	<=30	Pass
		Edge 1RB Right	21.64	/	/	23.14	/	/	<=30	Pass
		Outer_Full	24.56	/	/	26.06	/	/	<=30	Pass
		Inner_Full	24.91	/	/	26.41	/	/	<=30	Pass
		Inner 1RB Left	25.03	/	/	26.53	/	/	<=30	Pass
		Inner 1RB Right	25.00	/	/	26.50	/	/	<=30	Pass
	3514.98	Edge 1RB Left	21.41	/	/	22.91	/	/	<=30	Pass
		Edge 1RB Right	21.88	/	/	23.38	/	/	<=30	Pass
		Outer_Full	24.58	/	/	26.08	/	/	<=30	Pass
		Inner_Full	25.07	/	/	26.57	/	/	<=30	Pass
		Inner 1RB Left	24.71	/	/	26.21	/	/	<=30	Pass
		Inner 1RB Right	25.25	/	/	26.75	/	/	<=30	Pass
DFT-s-OFDM QPSK	3485.01	Edge 1RB Left	21.98	/	/	23.48	/	/	<=30	Pass
		Edge 1RB Right	21.92	/	/	23.42	/	/	<=30	Pass
		Outer_Full	24.47	/	/	25.97	/	/	<=30	Pass
		Inner_Full	24.87	/	/	26.37	/	/	<=30	Pass
		Inner 1RB Left	24.81	/	/	26.31	/	/	<=30	Pass
		Inner 1RB Right	24.73	/	/	26.23	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.11	/	/	23.61	/	/	<=30	Pass
		Edge 1RB Right	22.08	/	/	23.58	/	/	<=30	Pass
		Outer_Full	24.45	/	/	25.95	/	/	<=30	Pass
		Inner_Full	24.87	/	/	26.37	/	/	<=30	Pass
		Inner 1RB Left	25.01	/	/	26.51	/	/	<=30	Pass
		Inner 1RB Right	24.99	/	/	26.49	/	/	<=30	Pass
	3514.98	Edge 1RB Left	21.86	/	/	23.36	/	/	<=30	Pass
		Edge 1RB Right	22.30	/	/	23.80	/	/	<=30	Pass
		Outer_Full	24.55	/	/	26.05	/	/	<=30	Pass
		Inner_Full	25.03	/	/	26.53	/	/	<=30	Pass
		Inner 1RB Left	24.68	/	/	26.18	/	/	<=30	Pass
		Inner 1RB Right	25.20	/	/	26.70	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3485.01	Edge 1RB Left	21.73	/	/	23.23	/	/	<=30	Pass
		Edge 1RB Right	21.69	/	/	23.19	/	/	<=30	Pass
		Outer_Full	23.94	/	/	25.44	/	/	<=30	Pass

		Inner_Full	24.37	/	/	25.87	/	/	<=30	Pass
		Inner_1RB_Left	24.10	/	/	25.60	/	/	<=30	Pass
		Inner_1RB_Right	24.10	/	/	25.60	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.94	/	/	23.44	/	/	<=30	Pass
		Edge_1RB_Right	21.88	/	/	23.38	/	/	<=30	Pass
		Outer_Full	23.92	/	/	25.42	/	/	<=30	Pass
		Inner_Full	24.36	/	/	25.86	/	/	<=30	Pass
		Inner_1RB_Left	24.32	/	/	25.82	/	/	<=30	Pass
		Inner_1RB_Right	24.30	/	/	25.80	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.65	/	/	23.15	/	/	<=30	Pass
		Edge_1RB_Right	22.04	/	/	23.54	/	/	<=30	Pass
		Outer_Full	24.00	/	/	25.50	/	/	<=30	Pass
		Inner_Full	24.50	/	/	26.00	/	/	<=30	Pass
		Inner_1RB_Left	24.08	/	/	25.58	/	/	<=30	Pass
		Inner_1RB_Right	24.53	/	/	26.03	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3485.01	Edge_1RB_Left	22.15	/	/	23.65	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	23.65	/	/	<=30	Pass
		Outer_Full	23.01	/	/	24.51	/	/	<=30	Pass
		Inner_Full	22.87	/	/	24.37	/	/	<=30	Pass
		Inner_1RB_Left	23.10	/	/	24.60	/	/	<=30	Pass
		Inner_1RB_Right	23.01	/	/	24.51	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.26	/	/	23.76	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	23.82	/	/	<=30	Pass
		Outer_Full	22.93	/	/	24.43	/	/	<=30	Pass
		Inner_Full	22.92	/	/	24.42	/	/	<=30	Pass
		Inner_1RB_Left	23.23	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	24.82	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.99	/	/	23.49	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	24.09	/	/	<=30	Pass
		Outer_Full	23.01	/	/	24.51	/	/	<=30	Pass
		Inner_Full	23.09	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Left	22.93	/	/	24.43	/	/	<=30	Pass
		Inner_1RB_Right	23.57	/	/	25.07	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3485.01	Edge_1RB_Left	20.58	/	/	22.08	/	/	<=30	Pass
		Edge_1RB_Right	20.41	/	/	21.91	/	/	<=30	Pass
		Outer_Full	20.60	/	/	22.10	/	/	<=30	Pass
		Inner_Full	20.51	/	/	22.01	/	/	<=30	Pass
		Inner_1RB_Left	20.57	/	/	22.07	/	/	<=30	Pass
		Inner_1RB_Right	20.40	/	/	21.90	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.68	/	/	22.18	/	/	<=30	Pass
		Edge_1RB_Right	20.64	/	/	22.14	/	/	<=30	Pass
		Outer_Full	20.60	/	/	22.10	/	/	<=30	Pass
		Inner_Full	20.54	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Left	20.67	/	/	22.17	/	/	<=30	Pass
		Inner_1RB_Right	20.59	/	/	22.09	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	20.39	/	/	21.89	/	/	<=30	Pass
		Edge_1RB_Right	20.84	/	/	22.34	/	/	<=30	Pass
		Outer_Full	20.66	/	/	22.16	/	/	<=30	Pass
		Inner_Full	20.65	/	/	22.15	/	/	<=30	Pass
		Inner_1RB_Left	20.40	/	/	21.90	/	/	<=30	Pass
		Inner_1RB_Right	20.82	/	/	22.32	/	/	<=30	Pass
CP-OFDM QPSK	3485.01	Edge_1RB_Left	22.09	/	/	23.59	/	/	<=30	Pass
		Edge_1RB_Right	22.00	/	/	23.50	/	/	<=30	Pass
		Outer_Full	22.57	/	/	24.07	/	/	<=30	Pass
		Inner_Full	23.80	/	/	25.30	/	/	<=30	Pass
		Inner_1RB_Left	23.82	/	/	25.32	/	/	<=30	Pass
		Inner_1RB_Right	23.86	/	/	25.36	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.12	/	/	23.62	/	/	<=30	Pass
		Edge_1RB_Right	22.11	/	/	23.61	/	/	<=30	Pass

		Outer_Full	22.47	/	/	23.97	/	/	<=30	Pass
		Inner_Full	23.83	/	/	25.33	/	/	<=30	Pass
		Inner_1RB_Left	23.93	/	/	25.43	/	/	<=30	Pass
		Inner_1RB_Right	24.06	/	/	25.56	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.69	/	/	23.19	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	23.93	/	/	<=30	Pass
		Outer_Full	22.57	/	/	24.07	/	/	<=30	Pass
		Inner_Full	24.00	/	/	25.50	/	/	<=30	Pass
		Inner_1RB_Left	23.67	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Right	24.33	/	/	25.83	/	/	<=30	Pass
		Edge_1RB_Left	21.73	/	/	23.23	/	/	<=30	Pass
		Edge_1RB_Right	21.77	/	/	23.27	/	/	<=30	Pass
CP-OFDM 16 QAM	3485.01	Outer_Full	22.67	/	/	24.17	/	/	<=30	Pass
		Inner_Full	23.37	/	/	24.87	/	/	<=30	Pass
		Inner_1RB_Left	23.20	/	/	24.70	/	/	<=30	Pass
		Inner_1RB_Right	23.24	/	/	24.74	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.85	/	/	23.35	/	/	<=30	Pass
		Edge_1RB_Right	21.84	/	/	23.34	/	/	<=30	Pass
		Outer_Full	22.68	/	/	24.18	/	/	<=30	Pass
		Inner_Full	23.43	/	/	24.93	/	/	<=30	Pass
		Inner_1RB_Left	23.23	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	24.82	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.63	/	/	23.13	/	/	<=30	Pass
		Edge_1RB_Right	22.03	/	/	23.53	/	/	<=30	Pass
		Outer_Full	22.74	/	/	24.24	/	/	<=30	Pass
		Inner_Full	23.50	/	/	25.00	/	/	<=30	Pass
		Inner_1RB_Left	23.07	/	/	24.57	/	/	<=30	Pass
		Inner_1RB_Right	23.61	/	/	25.11	/	/	<=30	Pass
CP-OFDM 64 QAM	3485.01	Edge_1RB_Left	22.08	/	/	23.58	/	/	<=30	Pass
		Edge_1RB_Right	22.08	/	/	23.58	/	/	<=30	Pass
		Outer_Full	21.98	/	/	23.48	/	/	<=30	Pass
		Inner_Full	21.83	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Left	22.09	/	/	23.59	/	/	<=30	Pass
		Inner_1RB_Right	22.05	/	/	23.55	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.17	/	/	23.67	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	23.74	/	/	<=30	Pass
		Outer_Full	21.86	/	/	23.36	/	/	<=30	Pass
		Inner_Full	21.95	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Left	22.28	/	/	23.78	/	/	<=30	Pass
		Inner_1RB_Right	22.25	/	/	23.75	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.91	/	/	23.41	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	23.98	/	/	<=30	Pass
		Outer_Full	22.01	/	/	23.51	/	/	<=30	Pass
		Inner_Full	22.08	/	/	23.58	/	/	<=30	Pass
		Inner_1RB_Left	21.97	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Right	22.50	/	/	24.00	/	/	<=30	Pass
CP-OFDM 256 QAM	3485.01	Edge_1RB_Left	18.67	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	18.52	/	/	20.02	/	/	<=30	Pass
		Outer_Full	18.61	/	/	20.11	/	/	<=30	Pass
		Inner_Full	18.54	/	/	20.04	/	/	<=30	Pass
		Inner_1RB_Left	18.67	/	/	20.17	/	/	<=30	Pass
		Inner_1RB_Right	18.56	/	/	20.06	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.80	/	/	20.30	/	/	<=30	Pass
		Edge_1RB_Right	18.75	/	/	20.25	/	/	<=30	Pass
		Outer_Full	18.62	/	/	20.12	/	/	<=30	Pass
		Inner_Full	18.54	/	/	20.04	/	/	<=30	Pass
		Inner_1RB_Left	18.80	/	/	20.30	/	/	<=30	Pass
		Inner_1RB_Right	18.73	/	/	20.23	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	18.55	/	/	20.05	/	/	<=30	Pass

		Edge 1RB Right	18.93	/	/	20.43	/	/	<=30	Pass
		Outer Full	18.74	/	/	20.24	/	/	<=30	Pass
		Inner Full	18.69	/	/	20.19	/	/	<=30	Pass
		Inner 1RB Left	18.53	/	/	20.03	/	/	<=30	Pass
		Inner 1RB Right	18.97	/	/	20.47	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.10 30k_SISO_80MHz_NTNV_EIRP

5G NR n78e 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	3490.02	Edge 1RB Left	21.59	/	/	23.09	/	/	<=30	Pass
		Edge 1RB Right	21.58	/	/	23.08	/	/	<=30	Pass
		Outer Full	24.48	/	/	25.98	/	/	<=30	Pass
		Inner Full	24.94	/	/	26.44	/	/	<=30	Pass
		Inner 1RB Left	24.85	/	/	26.35	/	/	<=30	Pass
		Inner 1RB Right	24.91	/	/	26.41	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.63	/	/	23.13	/	/	<=30	Pass
		Edge 1RB Right	21.74	/	/	23.24	/	/	<=30	Pass
		Outer Full	24.46	/	/	25.96	/	/	<=30	Pass
		Inner Full	24.92	/	/	26.42	/	/	<=30	Pass
		Inner 1RB Left	24.95	/	/	26.45	/	/	<=30	Pass
		Inner 1RB Right	25.09	/	/	26.59	/	/	<=30	Pass
	3510	Edge 1RB Left	21.68	/	/	23.18	/	/	<=30	Pass
		Edge 1RB Right	21.82	/	/	23.32	/	/	<=30	Pass
		Outer Full	24.48	/	/	25.98	/	/	<=30	Pass
		Inner Full	24.94	/	/	26.44	/	/	<=30	Pass
		Inner 1RB Left	25.03	/	/	26.53	/	/	<=30	Pass
		Inner 1RB Right	25.16	/	/	26.66	/	/	<=30	Pass
DFT-s-OFDM QPSK	3490.02	Edge 1RB Left	22.01	/	/	23.51	/	/	<=30	Pass
		Edge 1RB Right	22.06	/	/	23.56	/	/	<=30	Pass
		Outer Full	24.52	/	/	26.02	/	/	<=30	Pass
		Inner Full	24.95	/	/	26.45	/	/	<=30	Pass
		Inner 1RB Left	24.84	/	/	26.34	/	/	<=30	Pass
		Inner 1RB Right	24.91	/	/	26.41	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.09	/	/	23.59	/	/	<=30	Pass
		Edge 1RB Right	22.20	/	/	23.70	/	/	<=30	Pass
		Outer Full	24.46	/	/	25.96	/	/	<=30	Pass
		Inner Full	24.89	/	/	26.39	/	/	<=30	Pass
		Inner 1RB Left	24.92	/	/	26.42	/	/	<=30	Pass
		Inner 1RB Right	25.10	/	/	26.60	/	/	<=30	Pass
	3510	Edge 1RB Left	22.10	/	/	23.60	/	/	<=30	Pass
		Edge 1RB Right	22.25	/	/	23.75	/	/	<=30	Pass
		Outer Full	24.53	/	/	26.03	/	/	<=30	Pass
		Inner Full	24.96	/	/	26.46	/	/	<=30	Pass
		Inner 1RB Left	24.97	/	/	26.47	/	/	<=30	Pass
		Inner 1RB Right	25.15	/	/	26.65	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3490.02	Edge 1RB Left	21.75	/	/	23.25	/	/	<=30	Pass
		Edge 1RB Right	21.81	/	/	23.31	/	/	<=30	Pass
		Outer Full	23.96	/	/	25.46	/	/	<=30	Pass
		Inner Full	24.42	/	/	25.92	/	/	<=30	Pass
		Inner 1RB Left	24.28	/	/	25.78	/	/	<=30	Pass
		Inner 1RB Right	24.22	/	/	25.72	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.86	/	/	23.36	/	/	<=30	Pass
		Edge 1RB Right	21.96	/	/	23.46	/	/	<=30	Pass
		Outer Full	23.93	/	/	25.43	/	/	<=30	Pass

		Inner_Full	24.38	/	/	25.88	/	/	<=30	Pass
		Inner_1RB_Left	24.30	/	/	25.80	/	/	<=30	Pass
		Inner_1RB_Right	24.41	/	/	25.91	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.89	/	/	23.39	/	/	<=30	Pass
		Edge_1RB_Right	22.10	/	/	23.60	/	/	<=30	Pass
		Outer_Full	23.92	/	/	25.42	/	/	<=30	Pass
		Inner_Full	24.44	/	/	25.94	/	/	<=30	Pass
		Inner_1RB_Left	24.30	/	/	25.80	/	/	<=30	Pass
		Inner_1RB_Right	24.49	/	/	25.99	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3490.02	Edge_1RB_Left	22.16	/	/	23.66	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	23.72	/	/	<=30	Pass
		Outer_Full	22.99	/	/	24.49	/	/	<=30	Pass
		Inner_Full	22.92	/	/	24.42	/	/	<=30	Pass
		Inner_1RB_Left	23.15	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Right	23.12	/	/	24.62	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.32	/	/	23.82	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	24.01	/	/	<=30	Pass
		Outer_Full	22.96	/	/	24.46	/	/	<=30	Pass
		Inner_Full	22.93	/	/	24.43	/	/	<=30	Pass
		Inner_1RB_Left	23.22	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	24.95	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.33	/	/	23.83	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	24.01	/	/	<=30	Pass
		Outer_Full	22.97	/	/	24.47	/	/	<=30	Pass
		Inner_Full	23.01	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Left	23.23	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	24.99	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3490.02	Edge_1RB_Left	20.62	/	/	22.12	/	/	<=30	Pass
		Edge_1RB_Right	20.58	/	/	22.08	/	/	<=30	Pass
		Outer_Full	20.68	/	/	22.18	/	/	<=30	Pass
		Inner_Full	20.62	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Left	20.60	/	/	22.10	/	/	<=30	Pass
		Inner_1RB_Right	20.57	/	/	22.07	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.61	/	/	22.11	/	/	<=30	Pass
		Edge_1RB_Right	20.71	/	/	22.21	/	/	<=30	Pass
		Outer_Full	20.59	/	/	22.09	/	/	<=30	Pass
		Inner_Full	20.55	/	/	22.05	/	/	<=30	Pass
		Inner_1RB_Left	20.63	/	/	22.13	/	/	<=30	Pass
		Inner_1RB_Right	20.72	/	/	22.22	/	/	<=30	Pass
	3510	Edge_1RB_Left	20.68	/	/	22.18	/	/	<=30	Pass
		Edge_1RB_Right	20.80	/	/	22.30	/	/	<=30	Pass
		Outer_Full	20.64	/	/	22.14	/	/	<=30	Pass
		Inner_Full	20.58	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Left	20.64	/	/	22.14	/	/	<=30	Pass
		Inner_1RB_Right	20.82	/	/	22.32	/	/	<=30	Pass
CP-OFDM QPSK	3490.02	Edge_1RB_Left	22.00	/	/	23.50	/	/	<=30	Pass
		Edge_1RB_Right	22.02	/	/	23.52	/	/	<=30	Pass
		Outer_Full	22.51	/	/	24.01	/	/	<=30	Pass
		Inner_Full	23.86	/	/	25.36	/	/	<=30	Pass
		Inner_1RB_Left	23.79	/	/	25.29	/	/	<=30	Pass
		Inner_1RB_Right	24.00	/	/	25.50	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.17	/	/	23.67	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	23.71	/	/	<=30	Pass
		Outer_Full	22.46	/	/	23.96	/	/	<=30	Pass
		Inner_Full	23.81	/	/	25.31	/	/	<=30	Pass
		Inner_1RB_Left	23.90	/	/	25.40	/	/	<=30	Pass
		Inner_1RB_Right	24.17	/	/	25.67	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.23	/	/	23.73	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	23.76	/	/	<=30	Pass

		Outer_Full	22.43	/	/	23.93	/	/	<=30	Pass
		Inner_Full	23.94	/	/	25.44	/	/	<=30	Pass
		Inner_1RB_Left	23.87	/	/	25.37	/	/	<=30	Pass
		Inner_1RB_Right	24.26	/	/	25.76	/	/	<=30	Pass
CP-OFDM 16 QAM	3490.02	Edge_1RB_Left	21.78	/	/	23.28	/	/	<=30	Pass
		Edge_1RB_Right	21.94	/	/	23.44	/	/	<=30	Pass
		Outer_Full	22.67	/	/	24.17	/	/	<=30	Pass
		Inner_Full	23.37	/	/	24.87	/	/	<=30	Pass
		Inner_1RB_Left	23.22	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Right	23.29	/	/	24.79	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.84	/	/	23.34	/	/	<=30	Pass
		Edge_1RB_Right	22.08	/	/	23.58	/	/	<=30	Pass
		Outer_Full	22.60	/	/	24.10	/	/	<=30	Pass
		Inner_Full	23.37	/	/	24.87	/	/	<=30	Pass
		Inner_1RB_Left	23.32	/	/	24.82	/	/	<=30	Pass
		Inner_1RB_Right	23.53	/	/	25.03	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.99	/	/	23.49	/	/	<=30	Pass
		Edge_1RB_Right	22.10	/	/	23.60	/	/	<=30	Pass
		Outer_Full	22.66	/	/	24.16	/	/	<=30	Pass
		Inner_Full	23.44	/	/	24.94	/	/	<=30	Pass
Inner_1RB_Left		23.43	/	/	24.93	/	/	<=30	Pass	
Inner_1RB_Right		23.62	/	/	25.12	/	/	<=30	Pass	
CP-OFDM 64 QAM	3490.02	Edge_1RB_Left	22.16	/	/	23.66	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	23.69	/	/	<=30	Pass
		Outer_Full	22.01	/	/	23.51	/	/	<=30	Pass
		Inner_Full	21.91	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Left	22.14	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Right	22.22	/	/	23.72	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.17	/	/	23.67	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	23.87	/	/	<=30	Pass
		Outer_Full	21.93	/	/	23.43	/	/	<=30	Pass
		Inner_Full	21.89	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Left	22.28	/	/	23.78	/	/	<=30	Pass
		Inner_1RB_Right	22.37	/	/	23.87	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.23	/	/	23.73	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	23.97	/	/	<=30	Pass
		Outer_Full	21.99	/	/	23.49	/	/	<=30	Pass
		Inner_Full	21.96	/	/	23.46	/	/	<=30	Pass
Inner_1RB_Left		22.25	/	/	23.75	/	/	<=30	Pass	
Inner_1RB_Right		22.51	/	/	24.01	/	/	<=30	Pass	
CP-OFDM 256 QAM	3490.02	Edge_1RB_Left	18.73	/	/	20.23	/	/	<=30	Pass
		Edge_1RB_Right	18.68	/	/	20.18	/	/	<=30	Pass
		Outer_Full	18.69	/	/	20.19	/	/	<=30	Pass
		Inner_Full	18.63	/	/	20.13	/	/	<=30	Pass
		Inner_1RB_Left	18.71	/	/	20.21	/	/	<=30	Pass
		Inner_1RB_Right	18.70	/	/	20.20	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.74	/	/	20.24	/	/	<=30	Pass
		Edge_1RB_Right	18.84	/	/	20.34	/	/	<=30	Pass
		Outer_Full	18.63	/	/	20.13	/	/	<=30	Pass
		Inner_Full	18.54	/	/	20.04	/	/	<=30	Pass
		Inner_1RB_Left	18.82	/	/	20.32	/	/	<=30	Pass
		Inner_1RB_Right	18.85	/	/	20.35	/	/	<=30	Pass
	3510	Edge_1RB_Left	18.75	/	/	20.25	/	/	<=30	Pass
		Edge_1RB_Right	18.91	/	/	20.41	/	/	<=30	Pass
		Outer_Full	18.65	/	/	20.15	/	/	<=30	Pass
		Inner_Full	18.58	/	/	20.08	/	/	<=30	Pass
Inner_1RB_Left		18.81	/	/	20.31	/	/	<=30	Pass	
Inner_1RB_Right		18.92	/	/	20.42	/	/	<=30	Pass	
Note1: Antenna Gain: Ant11: 1.50dBi:										

Note2: EIRP=Conducted Power+Antenna Gain

1.1.11 30k_SISO_90MHz_NTNV_EIRP

5G NR n78e 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	3495	Edge_1RB_Left	21.55	/	/	23.05	/	/	<=30	Pass
		Edge_1RB_Right	21.67	/	/	23.17	/	/	<=30	Pass
		Outer_Full	24.53	/	/	26.03	/	/	<=30	Pass
		Inner_Full	24.90	/	/	26.40	/	/	<=30	Pass
		Inner_1RB_Left	24.84	/	/	26.34	/	/	<=30	Pass
		Inner_1RB_Right	25.07	/	/	26.57	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.54	/	/	23.04	/	/	<=30	Pass
		Edge_1RB_Right	21.80	/	/	23.30	/	/	<=30	Pass
		Outer_Full	24.58	/	/	26.08	/	/	<=30	Pass
		Inner_Full	24.96	/	/	26.46	/	/	<=30	Pass
		Inner_1RB_Left	24.89	/	/	26.39	/	/	<=30	Pass
		Inner_1RB_Right	25.14	/	/	26.64	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	21.57	/	/	23.07	/	/	<=30	Pass
		Edge_1RB_Right	21.80	/	/	23.30	/	/	<=30	Pass
		Outer_Full	24.59	/	/	26.09	/	/	<=30	Pass
		Inner_Full	24.99	/	/	26.49	/	/	<=30	Pass
		Inner_1RB_Left	24.89	/	/	26.39	/	/	<=30	Pass
		Inner_1RB_Right	25.18	/	/	26.68	/	/	<=30	Pass
DFT-s-OFDM QPSK	3495	Edge_1RB_Left	21.96	/	/	23.46	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	23.65	/	/	<=30	Pass
		Outer_Full	24.49	/	/	25.99	/	/	<=30	Pass
		Inner_Full	24.85	/	/	26.35	/	/	<=30	Pass
		Inner_1RB_Left	24.80	/	/	26.30	/	/	<=30	Pass
		Inner_1RB_Right	24.98	/	/	26.48	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.01	/	/	23.51	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	23.84	/	/	<=30	Pass
		Outer_Full	24.53	/	/	26.03	/	/	<=30	Pass
		Inner_Full	24.94	/	/	26.44	/	/	<=30	Pass
		Inner_1RB_Left	24.85	/	/	26.35	/	/	<=30	Pass
		Inner_1RB_Right	25.10	/	/	26.60	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.01	/	/	23.51	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	23.77	/	/	<=30	Pass
		Outer_Full	24.60	/	/	26.10	/	/	<=30	Pass
		Inner_Full	24.98	/	/	26.48	/	/	<=30	Pass
		Inner_1RB_Left	24.89	/	/	26.39	/	/	<=30	Pass
		Inner_1RB_Right	25.13	/	/	26.63	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3495	Edge_1RB_Left	21.86	/	/	23.36	/	/	<=30	Pass
		Edge_1RB_Right	22.00	/	/	23.50	/	/	<=30	Pass
		Outer_Full	23.92	/	/	25.42	/	/	<=30	Pass
		Inner_Full	24.40	/	/	25.90	/	/	<=30	Pass
		Inner_1RB_Left	24.20	/	/	25.70	/	/	<=30	Pass
		Inner_1RB_Right	24.29	/	/	25.79	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.80	/	/	23.30	/	/	<=30	Pass
		Edge_1RB_Right	22.11	/	/	23.61	/	/	<=30	Pass
		Outer_Full	23.98	/	/	25.48	/	/	<=30	Pass
		Inner_Full	24.39	/	/	25.89	/	/	<=30	Pass
		Inner_1RB_Left	24.22	/	/	25.72	/	/	<=30	Pass
		Inner_1RB_Right	24.48	/	/	25.98	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	21.89	/	/	23.39	/	/	<=30	Pass
		Edge_1RB_Right	22.20	/	/	23.70	/	/	<=30	Pass

		Outer_Full	23.99	/	/	25.49	/	/	<=30	Pass
		Inner_Full	24.47	/	/	25.97	/	/	<=30	Pass
		Inner_1RB_Left	24.28	/	/	25.78	/	/	<=30	Pass
		Inner_1RB_Right	24.47	/	/	25.97	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3495	Edge_1RB_Left	22.27	/	/	23.77	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	23.94	/	/	<=30	Pass
		Outer_Full	22.99	/	/	24.49	/	/	<=30	Pass
		Inner_Full	22.96	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Left	23.19	/	/	24.69	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	24.82	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.12	/	/	23.62	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	24.02	/	/	<=30	Pass
		Outer_Full	23.03	/	/	24.53	/	/	<=30	Pass
		Inner_Full	22.93	/	/	24.43	/	/	<=30	Pass
		Inner_1RB_Left	23.16	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Right	23.54	/	/	25.04	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.37	/	/	23.87	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	24.13	/	/	<=30	Pass
		Outer_Full	23.02	/	/	24.52	/	/	<=30	Pass
		Inner_Full	22.98	/	/	24.48	/	/	<=30	Pass
		Inner_1RB_Left	23.24	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Right	23.51	/	/	25.01	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3495	Edge_1RB_Left	20.58	/	/	22.08	/	/	<=30	Pass
		Edge_1RB_Right	20.68	/	/	22.18	/	/	<=30	Pass
		Outer_Full	20.60	/	/	22.10	/	/	<=30	Pass
		Inner_Full	20.54	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Left	20.54	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Right	20.64	/	/	22.14	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.53	/	/	22.03	/	/	<=30	Pass
		Edge_1RB_Right	20.75	/	/	22.25	/	/	<=30	Pass
		Outer_Full	20.65	/	/	22.15	/	/	<=30	Pass
		Inner_Full	20.56	/	/	22.06	/	/	<=30	Pass
		Inner_1RB_Left	20.55	/	/	22.05	/	/	<=30	Pass
		Inner_1RB_Right	20.79	/	/	22.29	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	20.61	/	/	22.11	/	/	<=30	Pass
		Edge_1RB_Right	20.82	/	/	22.32	/	/	<=30	Pass
		Outer_Full	20.69	/	/	22.19	/	/	<=30	Pass
		Inner_Full	20.62	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Left	20.59	/	/	22.09	/	/	<=30	Pass
		Inner_1RB_Right	20.78	/	/	22.28	/	/	<=30	Pass
CP-OFDM QPSK	3495	Edge_1RB_Left	21.97	/	/	23.47	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	23.65	/	/	<=30	Pass
		Outer_Full	22.47	/	/	23.97	/	/	<=30	Pass
		Inner_Full	23.79	/	/	25.29	/	/	<=30	Pass
		Inner_1RB_Left	23.81	/	/	25.31	/	/	<=30	Pass
		Inner_1RB_Right	24.10	/	/	25.60	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.84	/	/	23.34	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	23.67	/	/	<=30	Pass
		Outer_Full	22.51	/	/	24.01	/	/	<=30	Pass
		Inner_Full	23.84	/	/	25.34	/	/	<=30	Pass
		Inner_1RB_Left	23.85	/	/	25.35	/	/	<=30	Pass
		Inner_1RB_Right	24.21	/	/	25.71	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.06	/	/	23.56	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	23.89	/	/	<=30	Pass
		Outer_Full	22.52	/	/	24.02	/	/	<=30	Pass
		Inner_Full	23.88	/	/	25.38	/	/	<=30	Pass
		Inner_1RB_Left	23.91	/	/	25.41	/	/	<=30	Pass
		Inner_1RB_Right	24.22	/	/	25.72	/	/	<=30	Pass
CP-OFDM 16 QAM	3495	Edge_1RB_Left	21.85	/	/	23.35	/	/	<=30	Pass

		Edge 1RB Right	22.04	/	/	23.54	/	/	<=30	Pass
		Outer Full	22.60	/	/	24.10	/	/	<=30	Pass
		Inner Full	23.37	/	/	24.87	/	/	<=30	Pass
		Inner 1RB Left	23.17	/	/	24.67	/	/	<=30	Pass
		Inner 1RB Right	23.35	/	/	24.85	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.75	/	/	23.25	/	/	<=30	Pass
		Edge 1RB Right	22.11	/	/	23.61	/	/	<=30	Pass
		Outer Full	22.62	/	/	24.12	/	/	<=30	Pass
		Inner Full	23.36	/	/	24.86	/	/	<=30	Pass
		Inner 1RB Left	23.23	/	/	24.73	/	/	<=30	Pass
	3504.99	Inner 1RB Right	23.50	/	/	25.00	/	/	<=30	Pass
		Edge 1RB Left	21.73	/	/	23.23	/	/	<=30	Pass
		Edge 1RB Right	22.16	/	/	23.66	/	/	<=30	Pass
		Outer Full	22.66	/	/	24.16	/	/	<=30	Pass
		Inner Full	23.44	/	/	24.94	/	/	<=30	Pass
CP-OFDM 64 QAM	3495	Inner 1RB Left	23.24	/	/	24.74	/	/	<=30	Pass
		Inner 1RB Right	23.33	/	/	24.83	/	/	<=30	Pass
		Edge 1RB Left	22.09	/	/	23.59	/	/	<=30	Pass
		Edge 1RB Right	22.38	/	/	23.88	/	/	<=30	Pass
		Outer Full	21.95	/	/	23.45	/	/	<=30	Pass
	3500.01	Inner Full	21.88	/	/	23.38	/	/	<=30	Pass
		Inner 1RB Left	22.21	/	/	23.71	/	/	<=30	Pass
		Inner 1RB Right	22.33	/	/	23.83	/	/	<=30	Pass
		Edge 1RB Left	22.16	/	/	23.66	/	/	<=30	Pass
		Edge 1RB Right	22.42	/	/	23.92	/	/	<=30	Pass
	3504.99	Outer Full	21.95	/	/	23.45	/	/	<=30	Pass
		Inner Full	21.91	/	/	23.41	/	/	<=30	Pass
		Inner 1RB Left	22.18	/	/	23.68	/	/	<=30	Pass
		Inner 1RB Right	22.39	/	/	23.89	/	/	<=30	Pass
		Edge 1RB Left	22.17	/	/	23.67	/	/	<=30	Pass
CP-OFDM 256 QAM	3495	Edge 1RB Right	22.59	/	/	24.09	/	/	<=30	Pass
		Outer Full	22.06	/	/	23.56	/	/	<=30	Pass
		Inner Full	22.04	/	/	23.54	/	/	<=30	Pass
		Inner 1RB Left	22.25	/	/	23.75	/	/	<=30	Pass
		Inner 1RB Right	22.44	/	/	23.94	/	/	<=30	Pass
	3500.01	Edge 1RB Left	18.69	/	/	20.19	/	/	<=30	Pass
		Edge 1RB Right	18.82	/	/	20.32	/	/	<=30	Pass
		Outer Full	18.61	/	/	20.11	/	/	<=30	Pass
		Inner Full	18.55	/	/	20.05	/	/	<=30	Pass
		Inner 1RB Left	18.72	/	/	20.22	/	/	<=30	Pass
	3504.99	Inner 1RB Right	18.76	/	/	20.26	/	/	<=30	Pass
		Edge 1RB Left	18.63	/	/	20.13	/	/	<=30	Pass
		Edge 1RB Right	18.92	/	/	20.42	/	/	<=30	Pass
		Outer Full	18.65	/	/	20.15	/	/	<=30	Pass
		Inner Full	18.55	/	/	20.05	/	/	<=30	Pass
	Inner 1RB Left	18.66	/	/	20.16	/	/	<=30	Pass	
	Inner 1RB Right	18.87	/	/	20.37	/	/	<=30	Pass	
	Edge 1RB Left	18.68	/	/	20.18	/	/	<=30	Pass	
	Edge 1RB Right	18.95	/	/	20.45	/	/	<=30	Pass	
	Outer Full	18.69	/	/	20.19	/	/	<=30	Pass	
	Inner Full	18.60	/	/	20.10	/	/	<=30	Pass	
	Inner 1RB Left	18.70	/	/	20.20	/	/	<=30	Pass	
	Inner 1RB Right	18.92	/	/	20.42	/	/	<=30	Pass	
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.12 30k_SISO_100MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 100MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Edge_1RB_Left	21.47	/	/	22.97	/	/	<=30	Pass
		Edge_1RB_Right	21.71	/	/	23.21	/	/	<=30	Pass
		Outer_Full	24.48	/	/	25.98	/	/	<=30	Pass
		Inner_Full	24.88	/	/	26.38	/	/	<=30	Pass
		Inner_1RB_Left	24.77	/	/	26.27	/	/	<=30	Pass
		Inner_1RB_Right	25.04	/	/	26.54	/	/	<=30	Pass
DFT-s-OFDM QPSK	3500.01	Edge_1RB_Left	21.86	/	/	23.36	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	23.74	/	/	<=30	Pass
		Outer_Full	24.48	/	/	25.98	/	/	<=30	Pass
		Inner_Full	24.84	/	/	26.34	/	/	<=30	Pass
		Inner_1RB_Left	24.72	/	/	26.22	/	/	<=30	Pass
		Inner_1RB_Right	25.05	/	/	26.55	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3500.01	Edge_1RB_Left	21.79	/	/	23.29	/	/	<=30	Pass
		Edge_1RB_Right	22.08	/	/	23.58	/	/	<=30	Pass
		Outer_Full	23.91	/	/	25.41	/	/	<=30	Pass
		Inner_Full	24.32	/	/	25.82	/	/	<=30	Pass
		Inner_1RB_Left	24.12	/	/	25.62	/	/	<=30	Pass
		Inner_1RB_Right	24.27	/	/	25.77	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3500.01	Edge_1RB_Left	22.18	/	/	23.68	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	23.83	/	/	<=30	Pass
		Outer_Full	22.96	/	/	24.46	/	/	<=30	Pass
		Inner_Full	22.88	/	/	24.38	/	/	<=30	Pass
		Inner_1RB_Left	23.12	/	/	24.62	/	/	<=30	Pass
		Inner_1RB_Right	23.38	/	/	24.88	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3500.01	Edge_1RB_Left	20.48	/	/	21.98	/	/	<=30	Pass
		Edge_1RB_Right	20.66	/	/	22.16	/	/	<=30	Pass
		Outer_Full	20.59	/	/	22.09	/	/	<=30	Pass
		Inner_Full	20.54	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Left	20.49	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Right	20.71	/	/	22.21	/	/	<=30	Pass
CP-OFDM QPSK	3500.01	Edge_1RB_Left	21.81	/	/	23.31	/	/	<=30	Pass
		Edge_1RB_Right	22.13	/	/	23.63	/	/	<=30	Pass
		Outer_Full	22.47	/	/	23.97	/	/	<=30	Pass
		Inner_Full	23.74	/	/	25.24	/	/	<=30	Pass
		Inner_1RB_Left	23.90	/	/	25.40	/	/	<=30	Pass
		Inner_1RB_Right	24.13	/	/	25.63	/	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Edge_1RB_Left	21.84	/	/	23.34	/	/	<=30	Pass
		Edge_1RB_Right	22.04	/	/	23.54	/	/	<=30	Pass
		Outer_Full	22.57	/	/	24.07	/	/	<=30	Pass
		Inner_Full	23.35	/	/	24.85	/	/	<=30	Pass
		Inner_1RB_Left	23.19	/	/	24.69	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	24.95	/	/	<=30	Pass
CP-OFDM 64 QAM	3500.01	Edge_1RB_Left	22.09	/	/	23.59	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	23.88	/	/	<=30	Pass
		Outer_Full	21.94	/	/	23.44	/	/	<=30	Pass
		Inner_Full	21.88	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Left	21.99	/	/	23.49	/	/	<=30	Pass
		Inner_1RB_Right	22.42	/	/	23.92	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Edge_1RB_Left	18.60	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Right	18.85	/	/	20.35	/	/	<=30	Pass
		Outer_Full	18.66	/	/	20.16	/	/	<=30	Pass
		Inner_Full	18.56	/	/	20.06	/	/	<=30	Pass
		Inner_1RB_Left	18.59	/	/	20.09	/	/	<=30	Pass
		Inner_1RB_Right	18.84	/	/	20.34	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30k_SISO_100MHz

5G NR n78e 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	3500.01	Outer_Full	20	LV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-8.60	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-8.30	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
			10	NV	-7.60	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
			30	NV	-9.00	-0.0026	>=-2.5 & <=2.5	Pass
			40	NV	-7.90	-0.0023	>=-2.5 & <=2.5	Pass
			50	NV	-14.90	-0.0043	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30k_SISO_10MHz_NTNV

5G NR n78e 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	3500.01	Outer_Full	8.72	9.55	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	8.67	9.54	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	8.66	9.56	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	8.69	9.53	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	8.64	9.52	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	8.70	9.48	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	8.68	9.51	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	8.66	9.93	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	8.71	9.48	/	Pass

3.1.2 30k_SISO_15MHz_NTNV

5G NR n78e 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	3500.01	Outer_Full	13.07	14.11	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	13.08	14.17	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	13.03	14.17	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	13.09	14.28	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	13.02	14.09	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	13.71	14.85	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	13.75	14.93	/	Pass

CP-OFDM 64 QAM	3500.01	Outer Full	13.79	14.90	/	Pass
CP-OFDM 256 QAM	3500.01	Outer Full	13.71	14.94	/	Pass

3.1.3 30k_SISO_20MHz_NTNV

5G NR n78e 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	3500.01	Outer Full	18.16	19.58	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer Full	18.11	19.38	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer Full	18.15	19.38	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer Full	18.14	19.50	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer Full	18.04	19.37	/	Pass
CP-OFDM QPSK	3500.01	Outer Full	18.40	19.83	/	Pass
CP-OFDM 16 QAM	3500.01	Outer Full	18.39	19.86	/	Pass
CP-OFDM 64 QAM	3500.01	Outer Full	18.41	19.75	/	Pass
CP-OFDM 256 QAM	3500.01	Outer Full	18.39	19.75	/	Pass

3.1.4 30k_SISO_25MHz_NTNV

5G NR n78e 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	3500.01	Outer Full	23.35	24.80	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer Full	23.09	24.69	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer Full	23.12	24.75	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer Full	23.22	24.78	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer Full	23.06	24.66	/	Pass
CP-OFDM QPSK	3500.01	Outer Full	23.43	25.02	/	Pass
CP-OFDM 16 QAM	3500.01	Outer Full	23.52	25.11	/	Pass
CP-OFDM 64 QAM	3500.01	Outer Full	23.50	25.14	/	Pass
CP-OFDM 256 QAM	3500.01	Outer Full	23.43	25.16	/	Pass

3.1.5 30k_SISO_30MHz_NTNV

5G NR n78e 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	3500.01	Outer Full	27.09	29.17	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer Full	27.14	29.26	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer Full	27.21	29.14	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer Full	27.19	29.18	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer Full	27.09	29.21	/	Pass
CP-OFDM QPSK	3500.01	Outer Full	28.14	30.02	/	Pass
CP-OFDM 16 QAM	3500.01	Outer Full	28.16	30.12	/	Pass
CP-OFDM 64 QAM	3500.01	Outer Full	28.01	30.18	/	Pass
CP-OFDM 256 QAM	3500.01	Outer Full	28.07	30.26	/	Pass

3.1.6 30k_SISO_40MHz_NTNV

5G NR n78e 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	3500.01	Outer_Full	36.27	38.69	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	36.23	38.80	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	36.16	38.73	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	36.19	38.78	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	36.05	38.71	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	38.23	40.80	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	38.20	40.96	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	38.15	40.81	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	38.10	40.85	/	Pass

3.1.7 30k_SISO_50MHz_NTNV

5G NR n78e 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	3500.01	Outer_Full	46.15	49.30	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	46.02	49.41	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	46.06	49.42	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	46.20	49.53	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	46.05	49.27	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	47.96	51.14	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	47.86	51.07	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	47.80	51.38	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	47.73	51.07	/	Pass

3.1.8 30k_SISO_60MHz_NTNV

5G NR n78e 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	3500.01	Outer_Full	58.35	62.35	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	58.34	62.34	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	58.36	62.42	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	58.35	62.34	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	58.22	62.21	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	58.13	64.37	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	58.13	62.20	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	58.42	62.50	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	58.20	62.19	/	Pass

3.1.9 30k_SISO_70MHz_NTNV

5G NR n78e 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	3500.01	Outer_Full	64.93	69.59	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	64.77	69.53	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	64.92	69.63	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	65.00	69.70	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	64.84	69.53	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	68.14	73.01	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	68.14	72.97	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	67.98	72.84	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	67.94	72.72	/	Pass

3.1.10 30k_SISO_80MHz_NTNV

5G NR n78e 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	3500.01	Outer_Full	77.58	82.56	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	77.97	82.71	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	77.53	82.96	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	77.95	82.75	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	77.53	82.56	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	77.92	82.94	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	77.98	83.16	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	78.10	83.17	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	77.95	83.21	/	Pass

3.1.11 30k_SISO_90MHz_NTNV

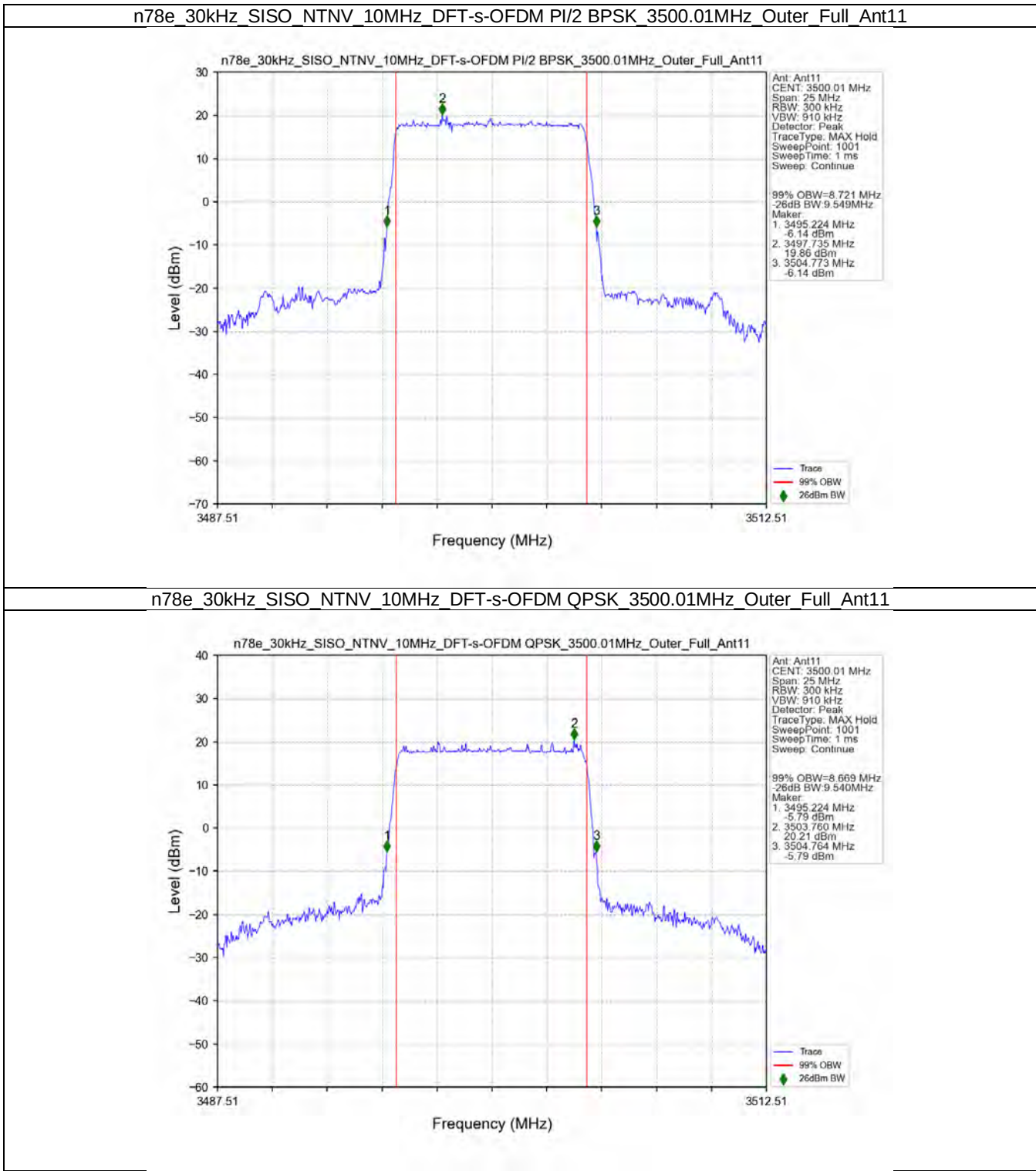
5G NR n78e SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	87.24	93.30	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	87.42	92.94	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	87.23	92.93	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	87.49	93.14	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	87.42	92.91	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	87.91	93.23	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	88.15	94.03	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	87.89	93.77	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	87.91	93.44	/	Pass

3.1.12 30k_SISO_100MHz_NTNV

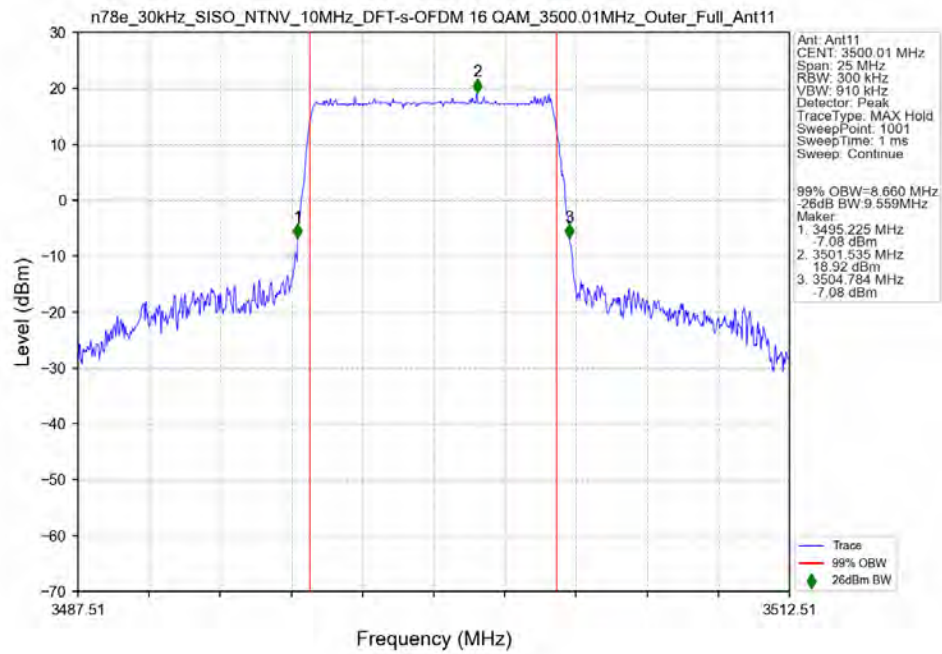
5G NR n78e SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	96.98	103.48	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	97.19	103.61	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	96.80	103.33	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	96.86	103.43	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	96.89	103.21	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	98.19	104.75	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	98.08	104.68	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	98.24	104.30	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	98.09	104.60	/	Pass

3.2 Test Graph

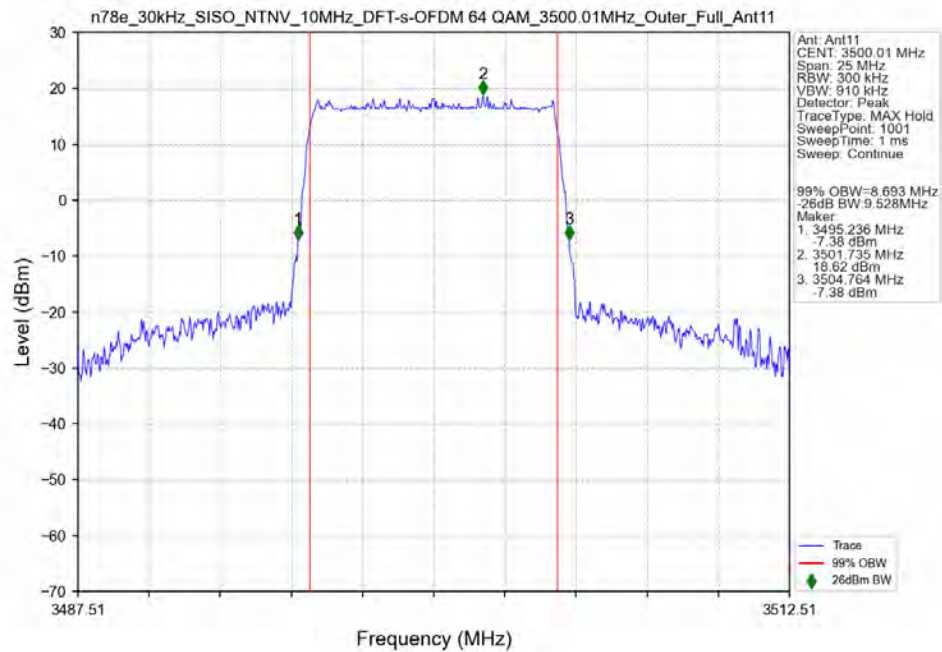
3.2.1 30k_SISO_10MHz_NTNV



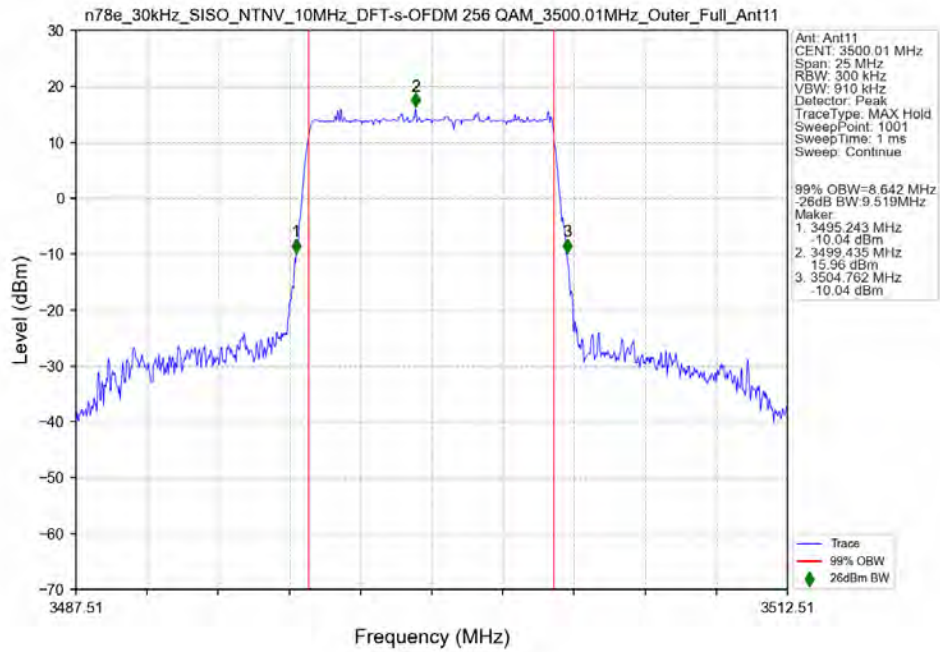
n78e 30kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 3500.01MHz Outer Full Ant11



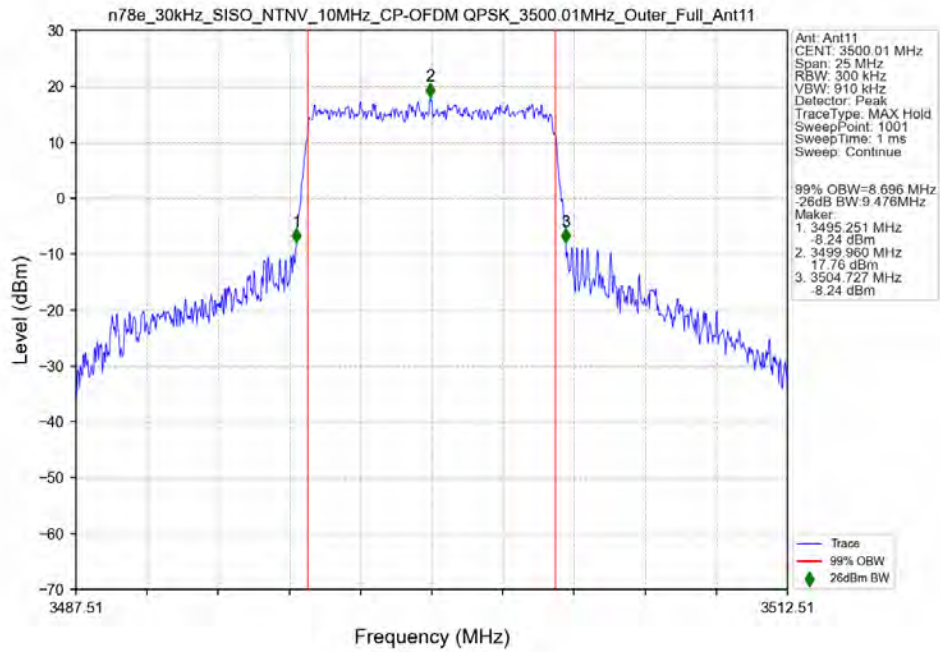
n78e 30kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 3500.01MHz Outer Full Ant11



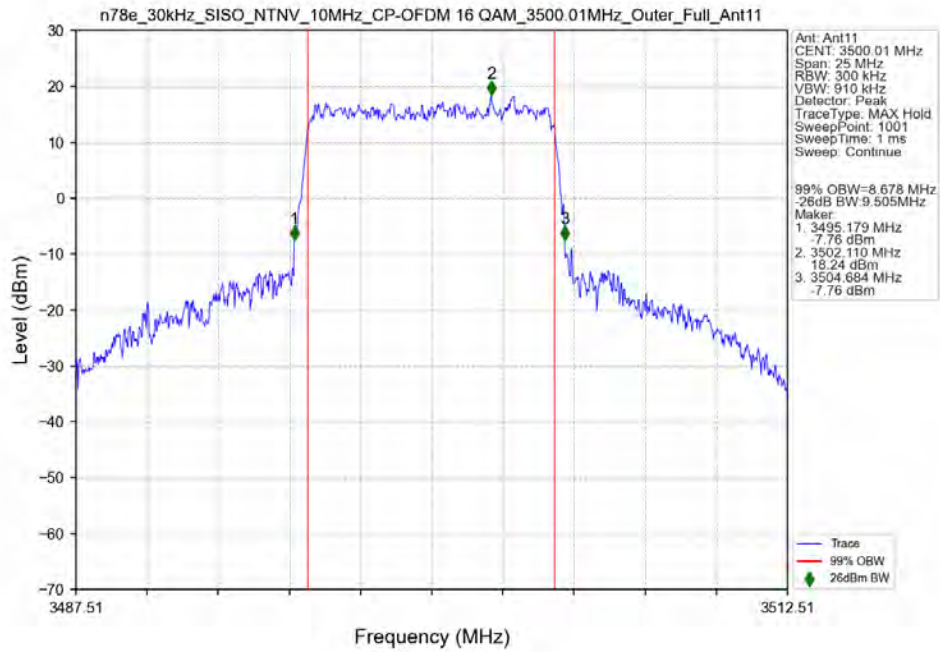
n78e 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 3500.01MHz Outer Full Ant11



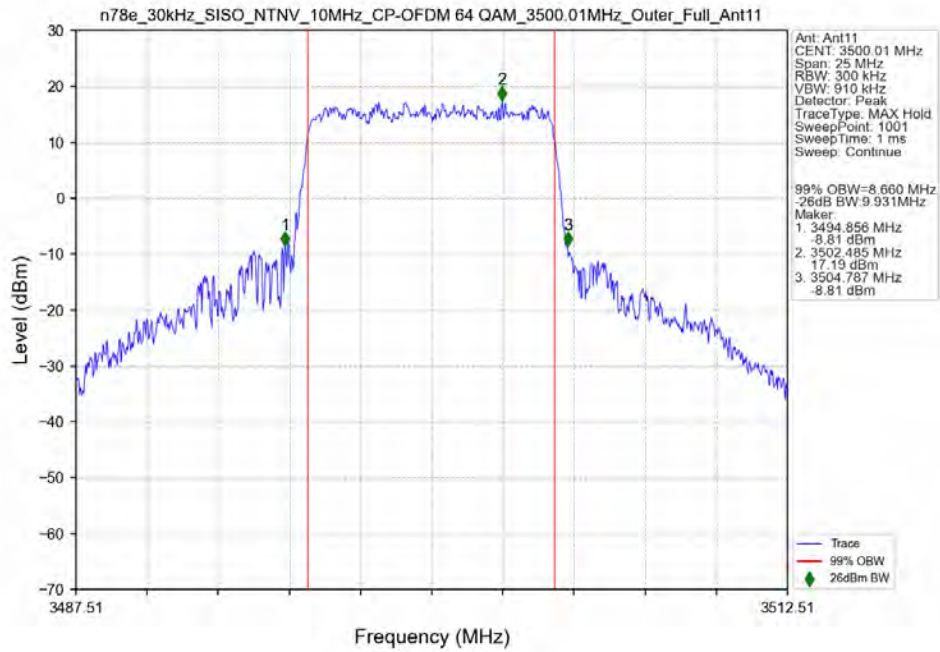
n78e 30kHz SISO NTN 10MHz CP-OFDM QPSK 3500.01MHz Outer Full Ant11



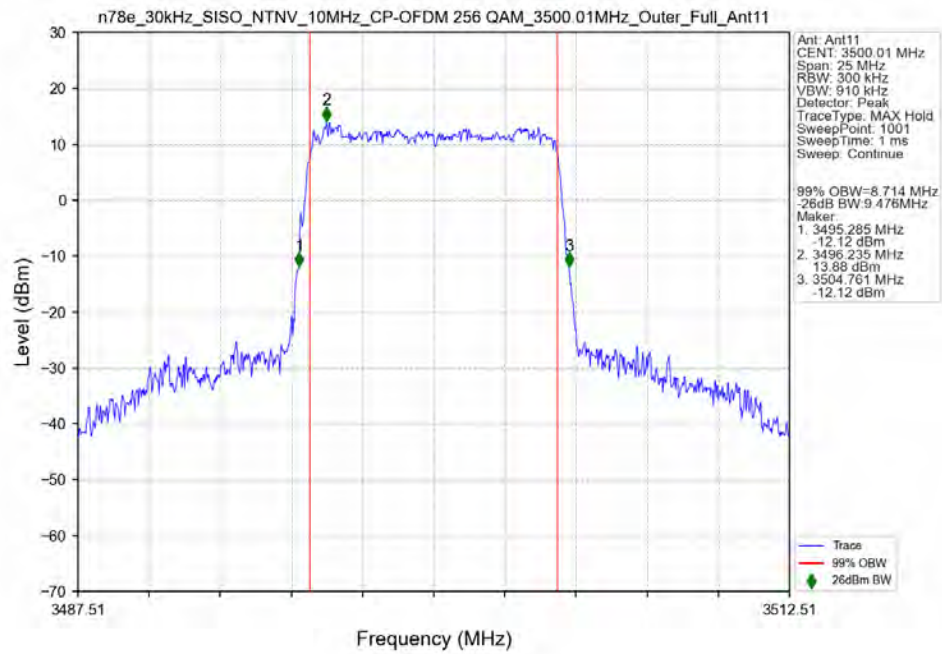
n78e_30kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 3500.01MHz Outer_Full_Ant11



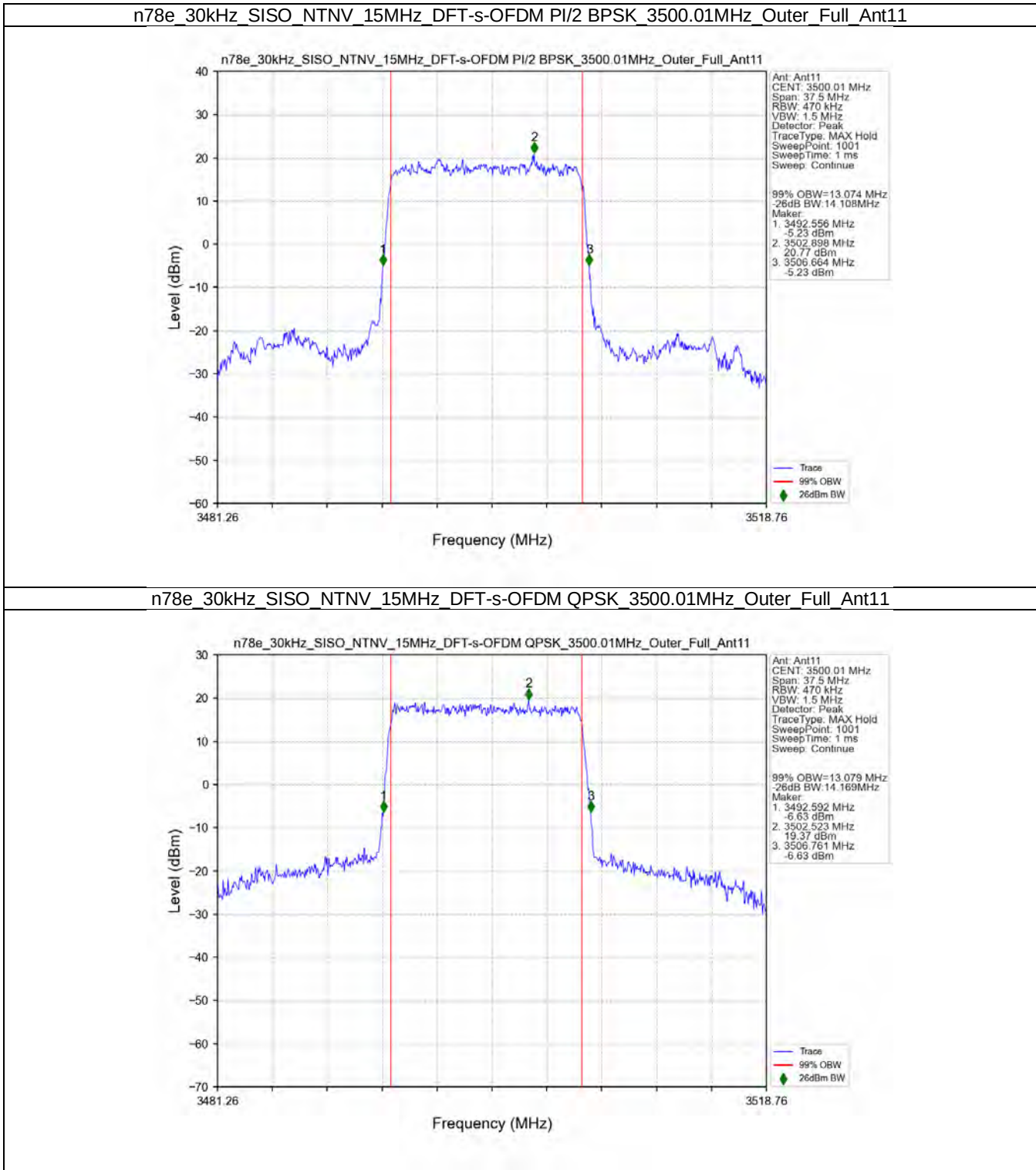
n78e_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 3500.01MHz Outer_Full_Ant11



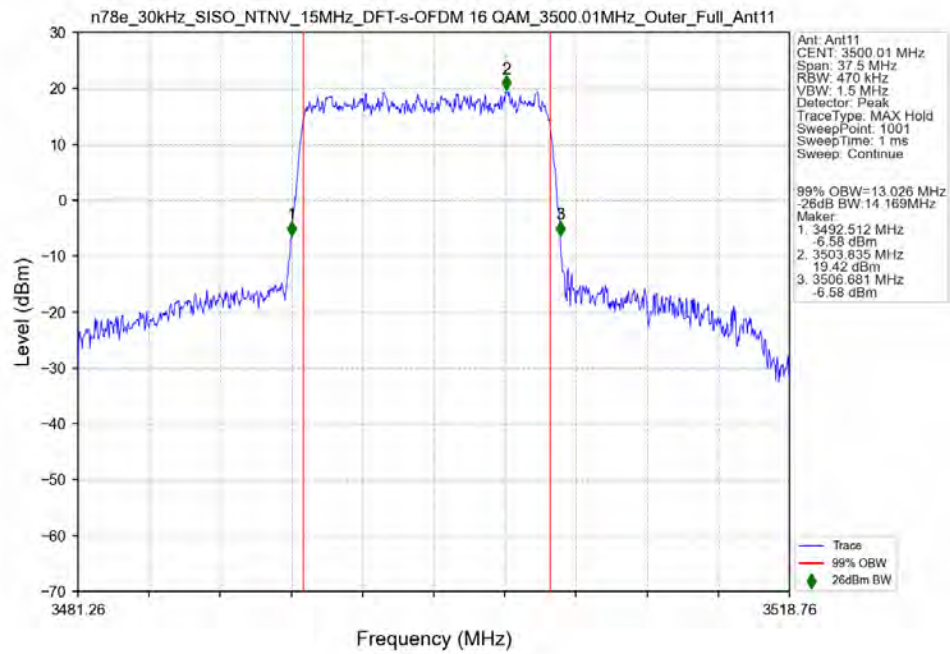
n78e 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant11



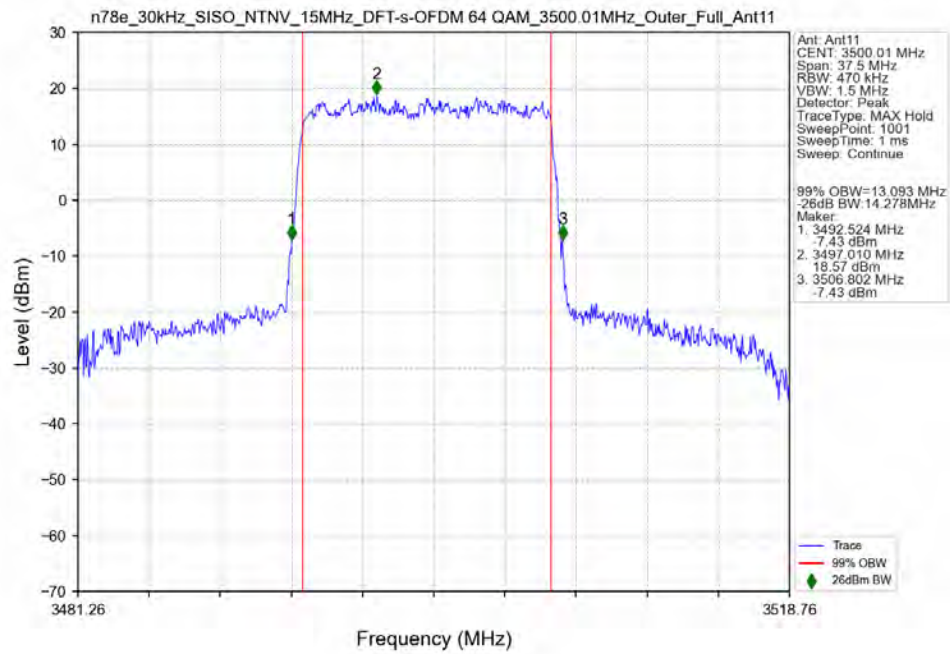
3.2.2 30k_SISO_15MHz_NTNV



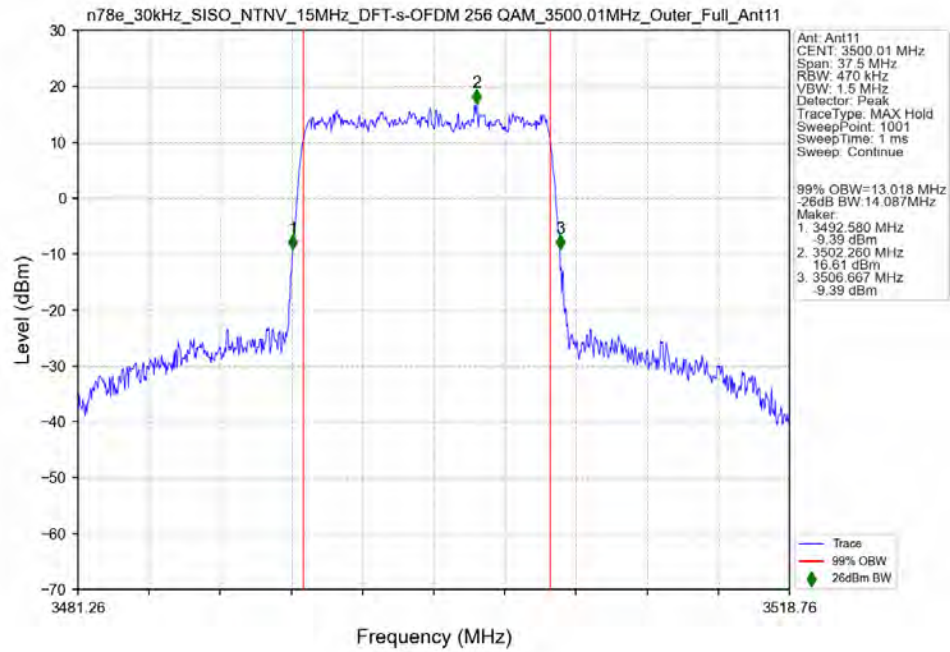
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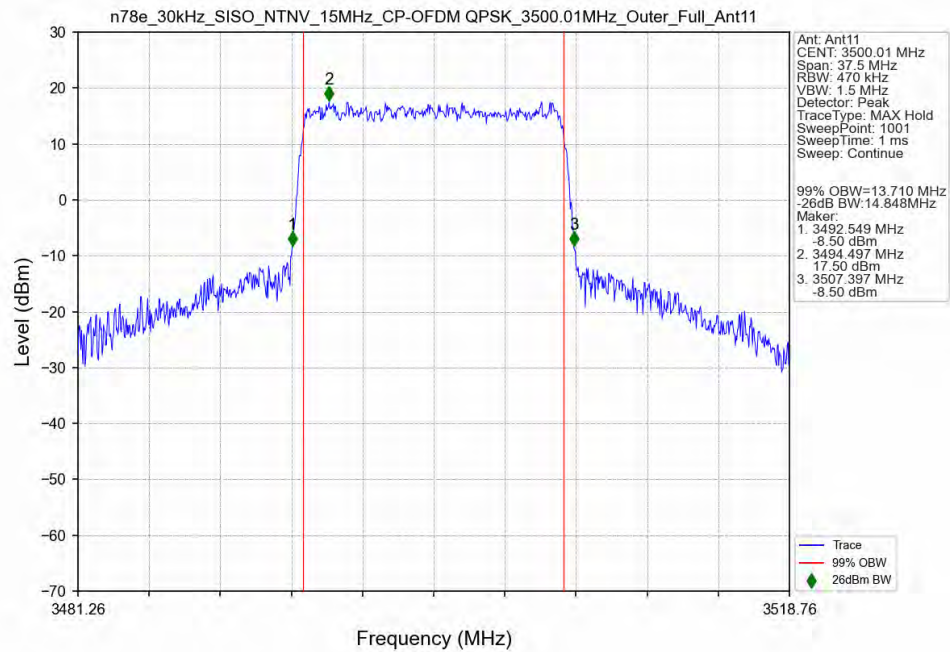
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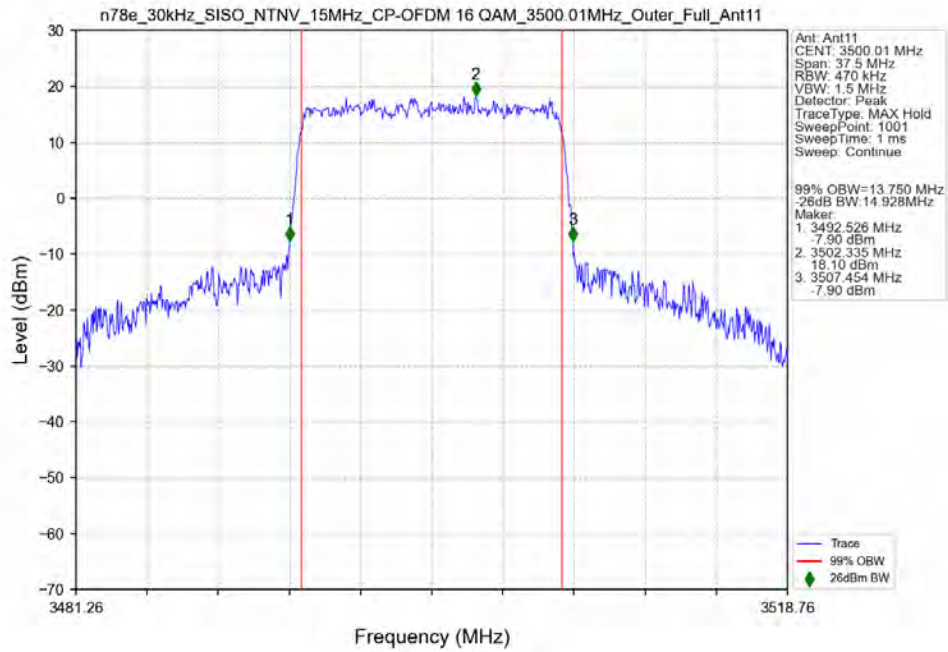
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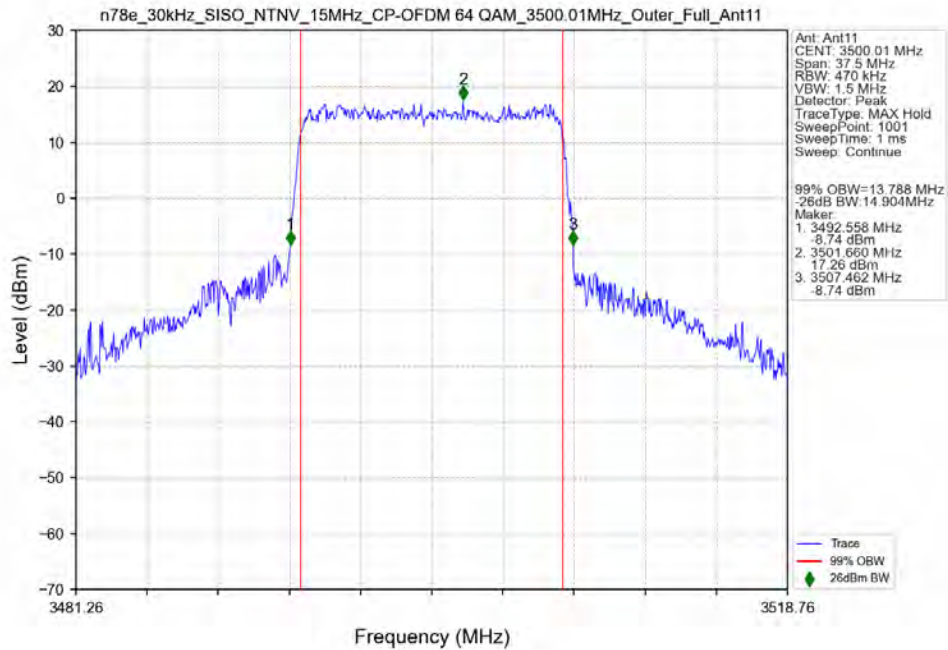
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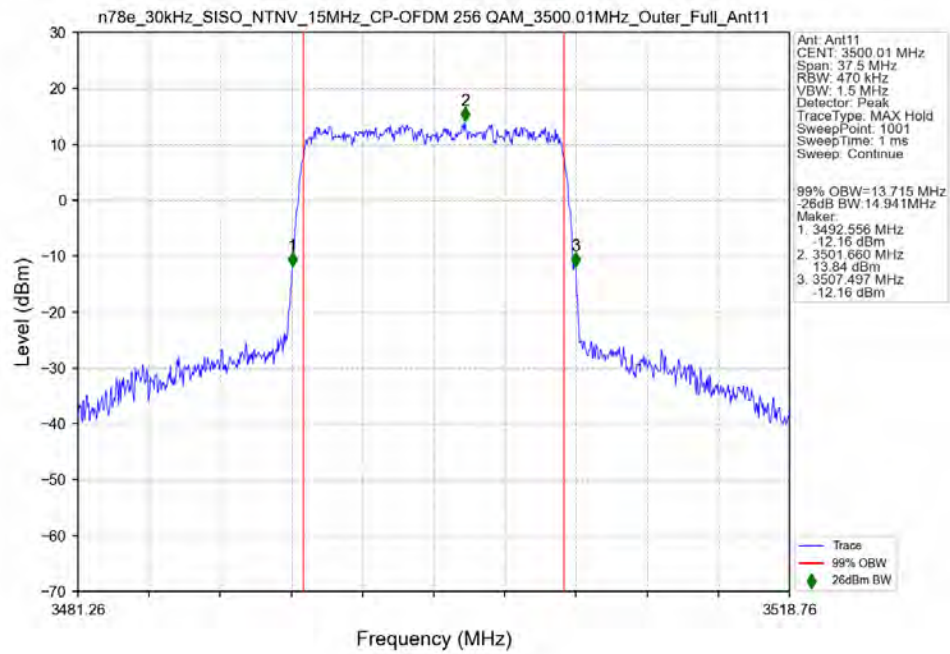
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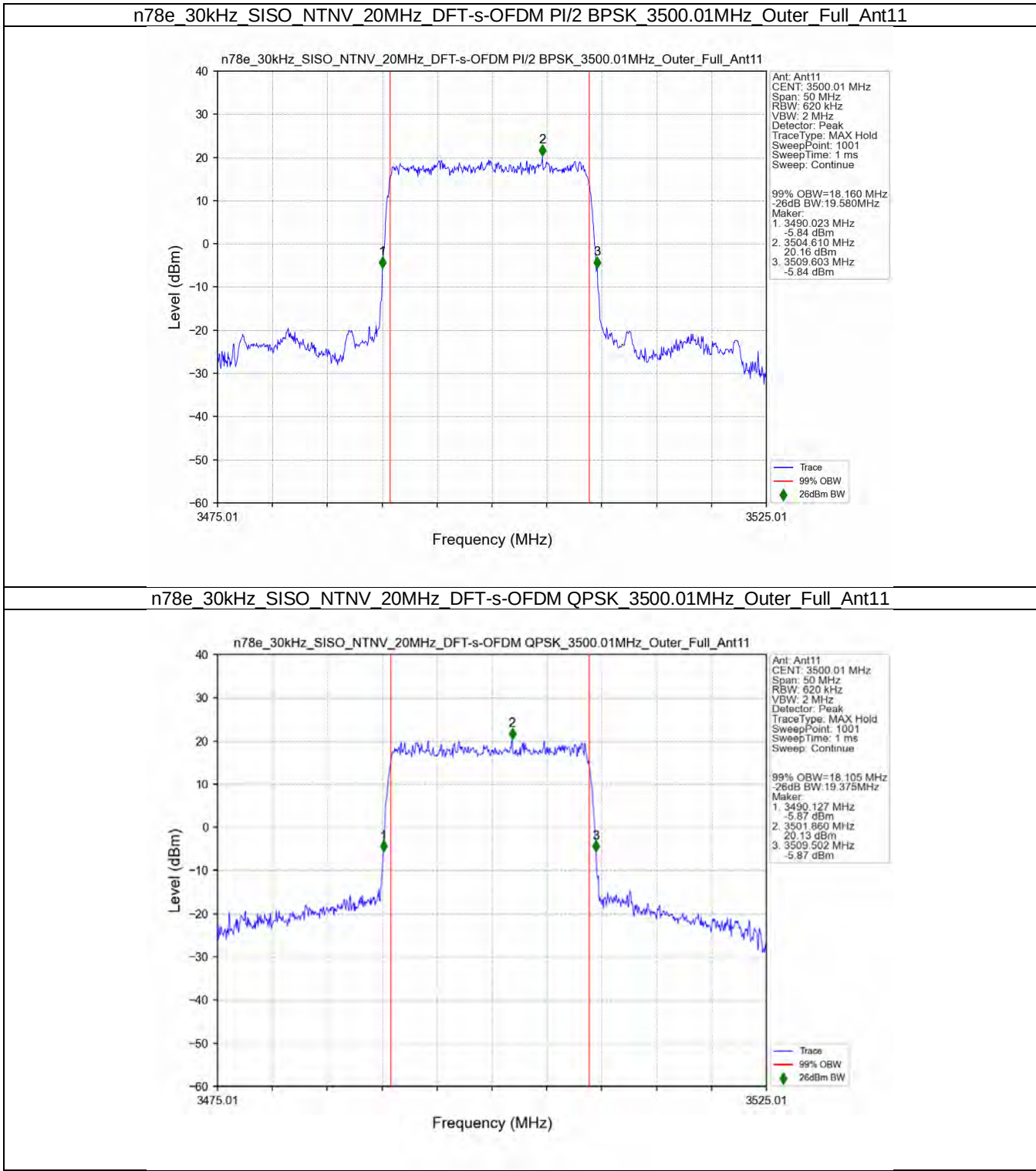
n78e 30kHz SISO NTN 15MHz CP-OFDM 64 QAM 3500.01MHz Outer Full Ant11



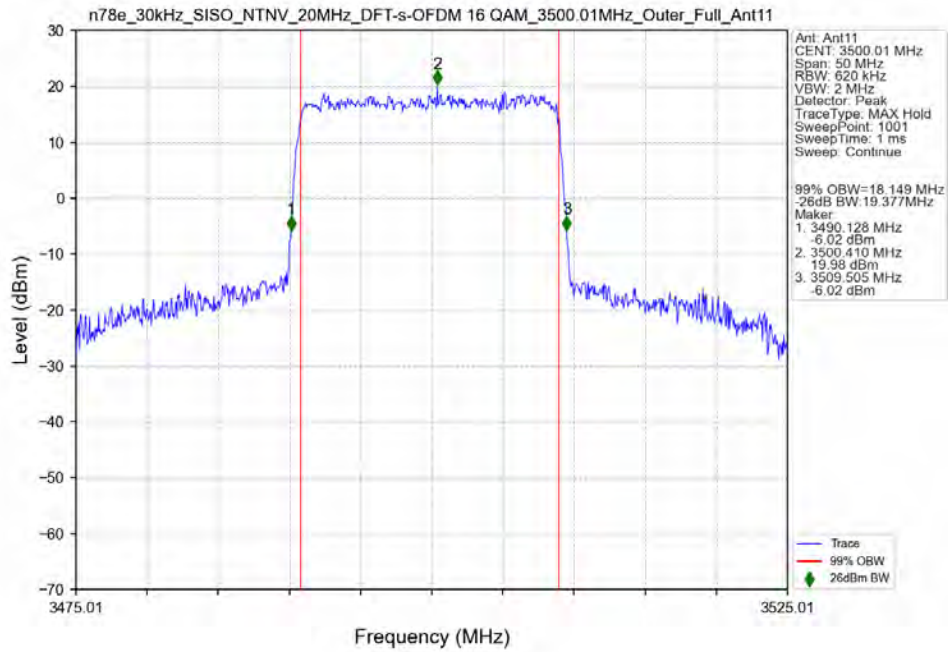
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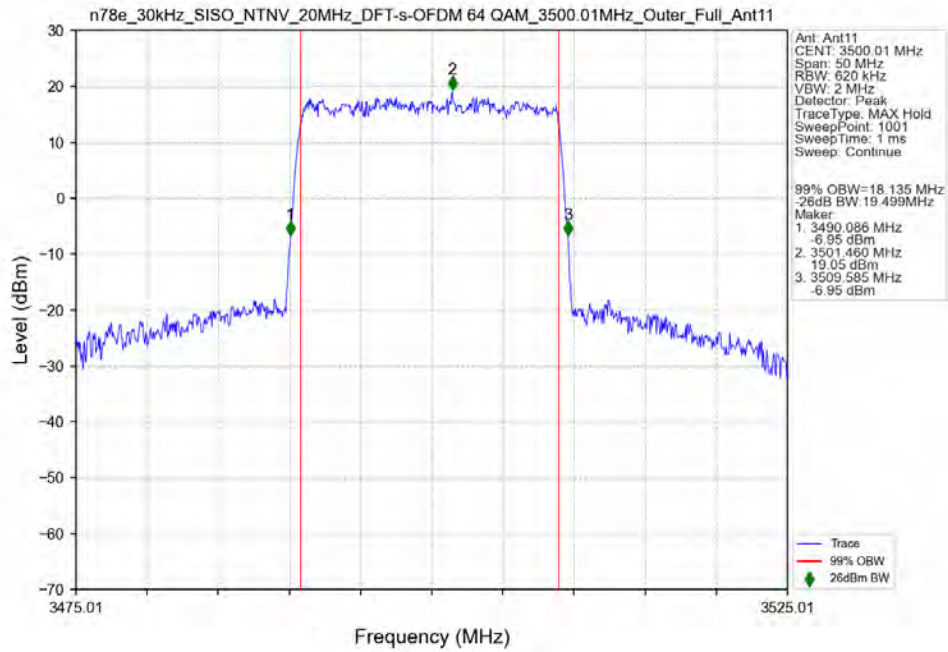
3.2.3 30k_SISO_20MHz_NTNV



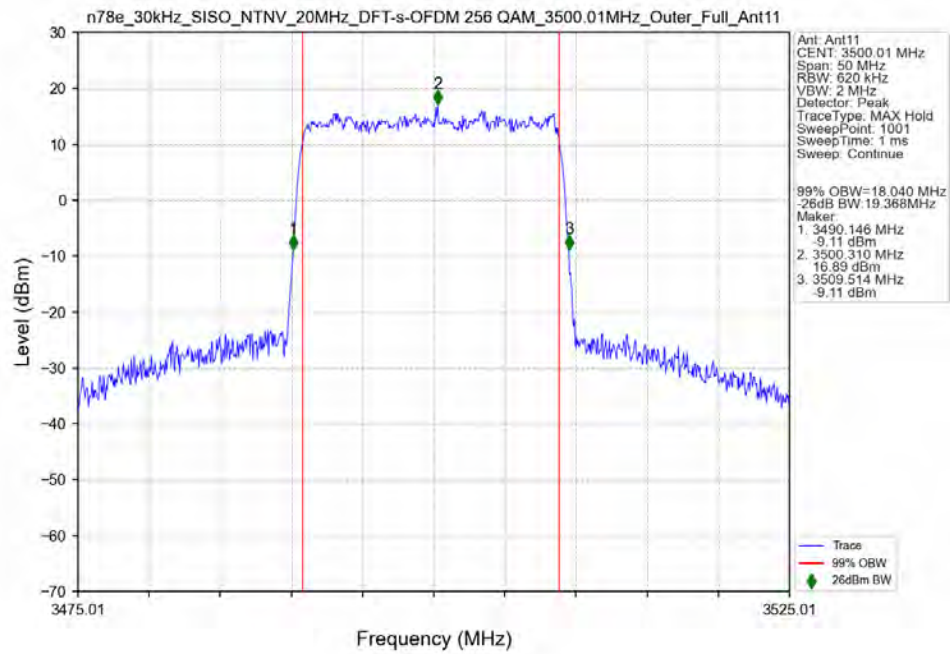
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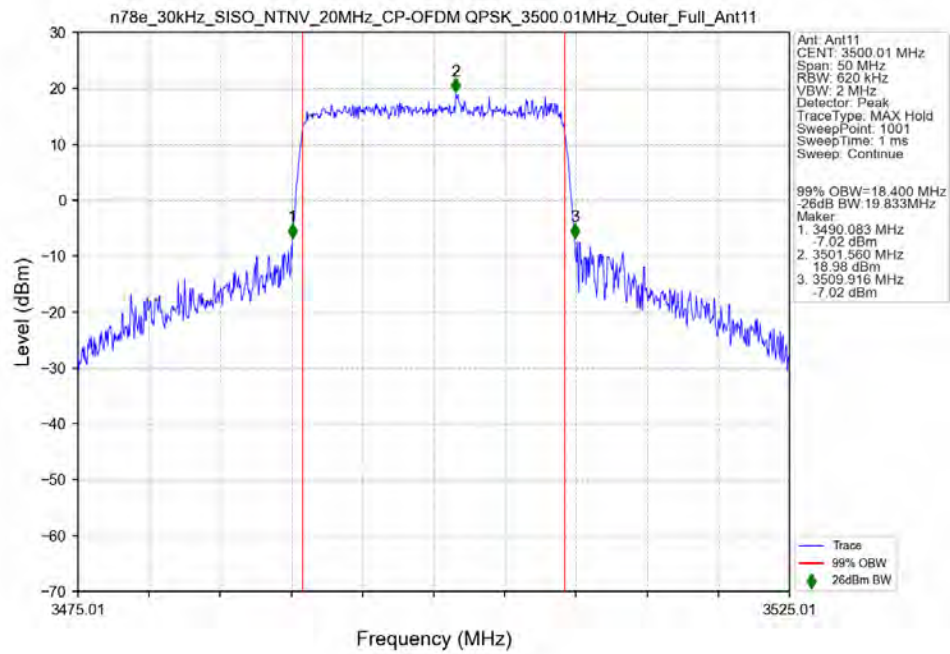
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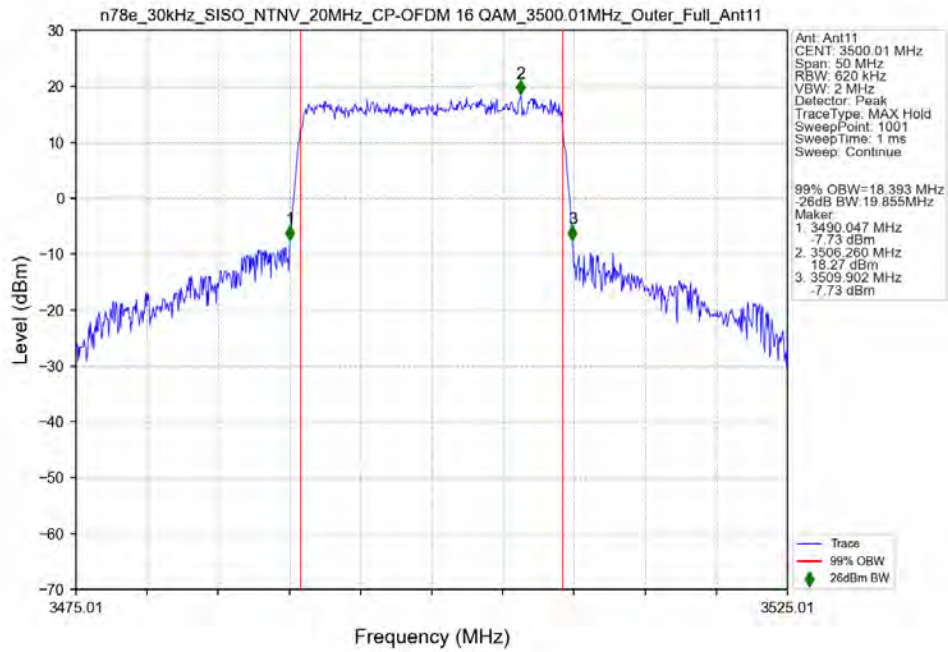
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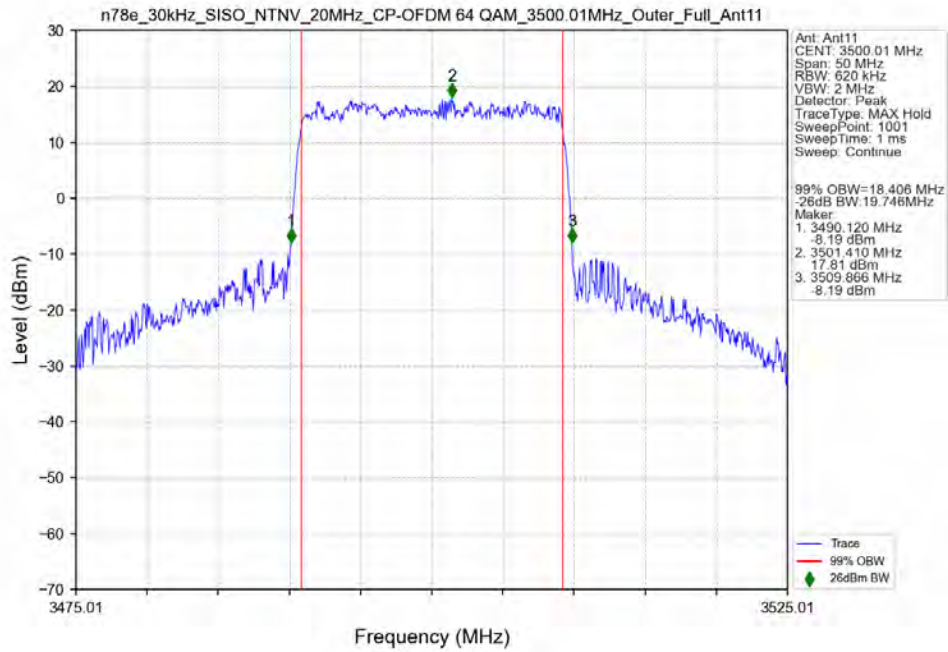
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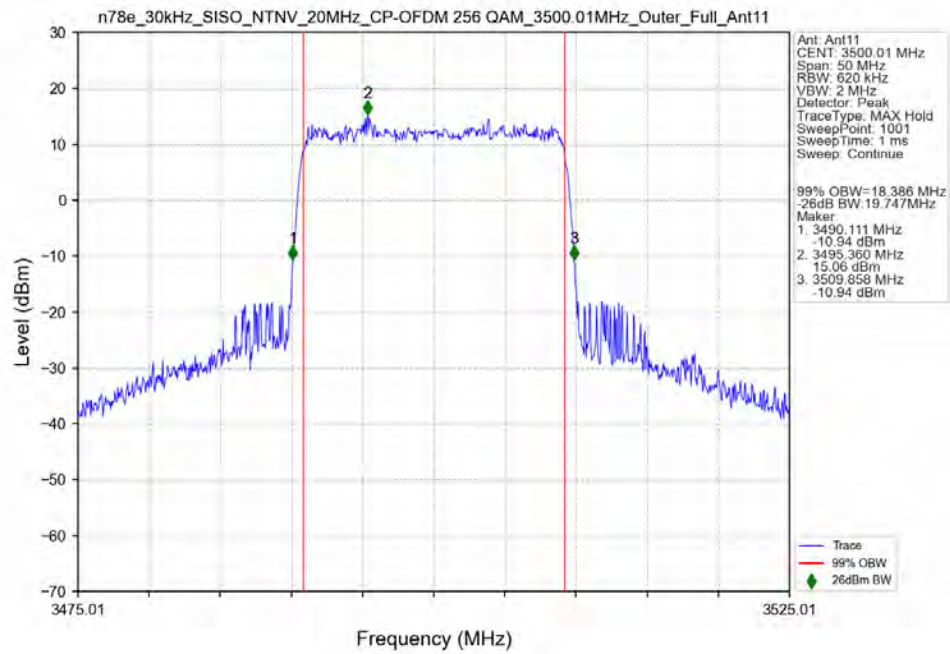
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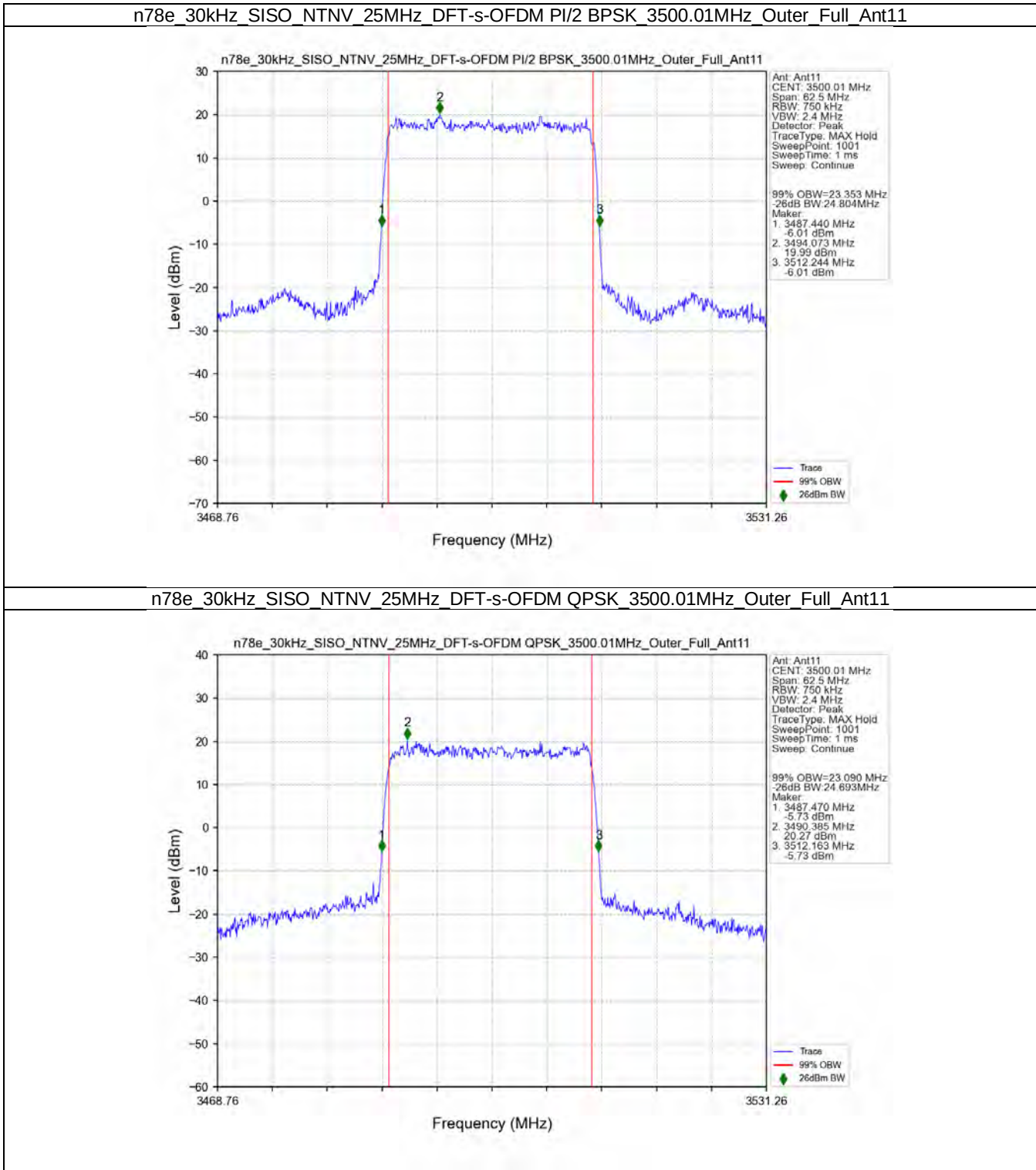
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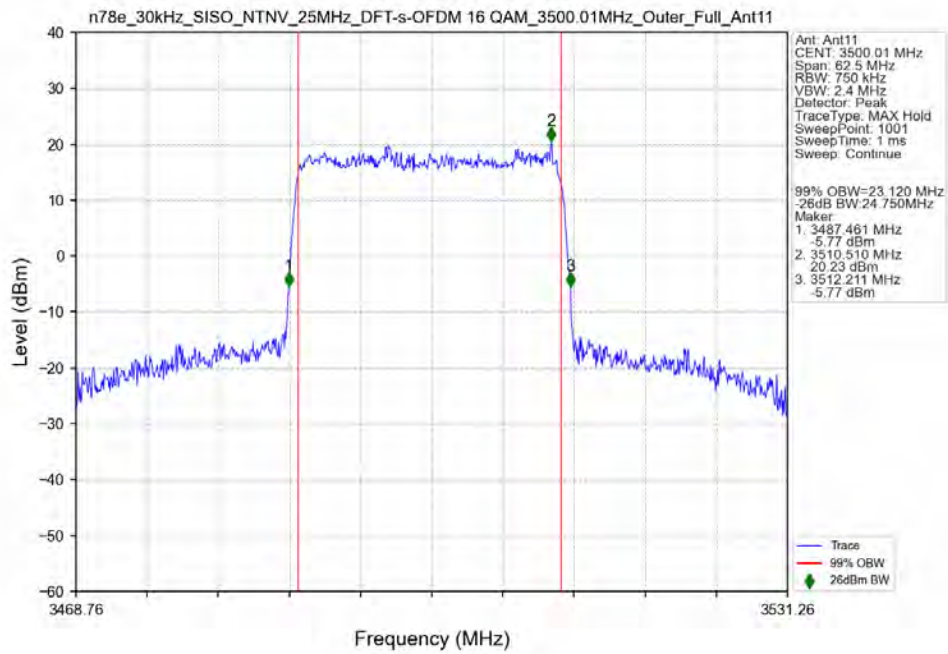
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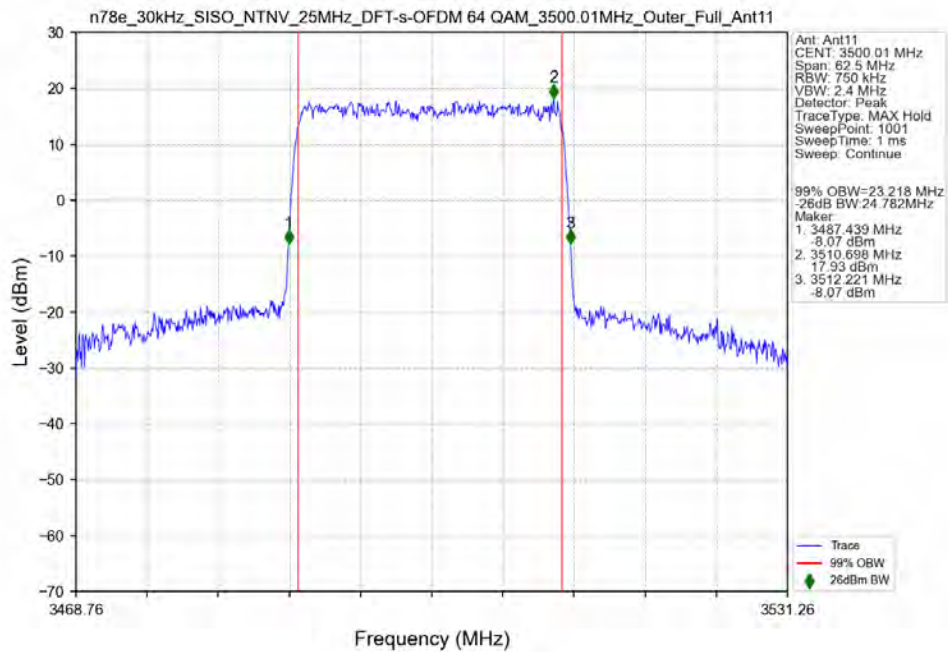
3.2.4 30k_SISO_25MHz_NTNV



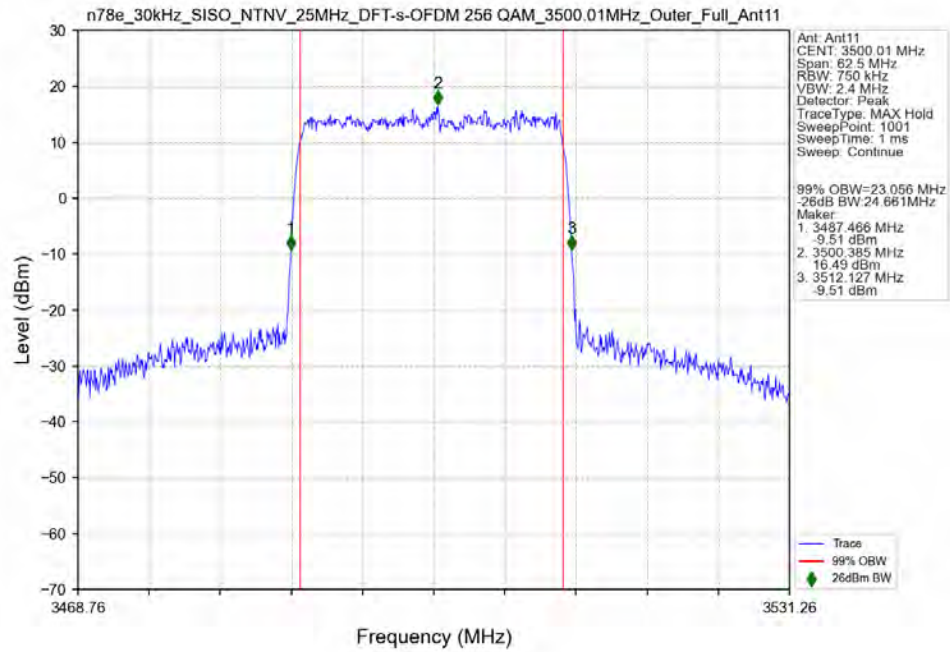
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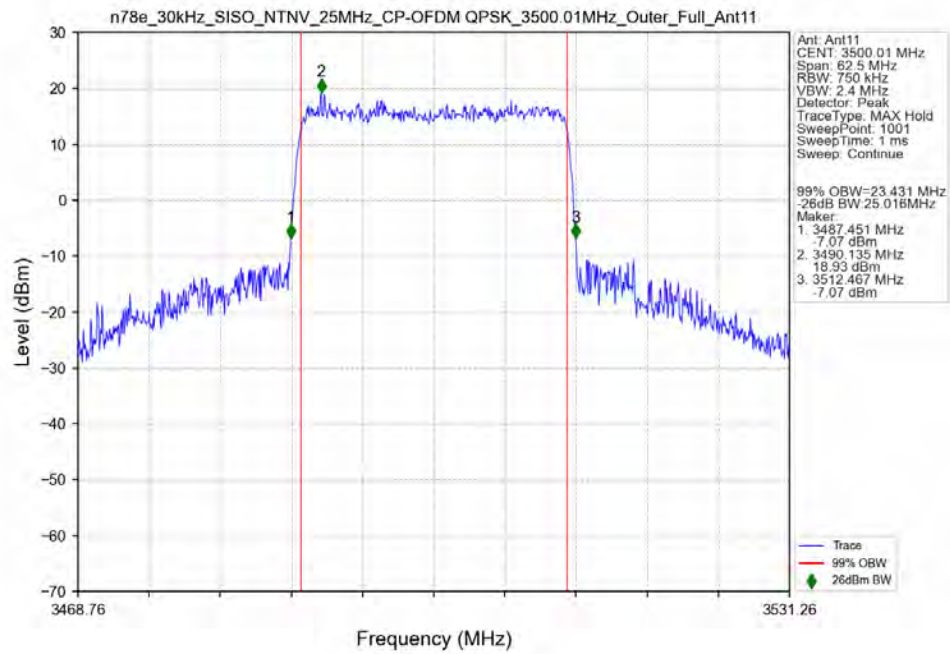
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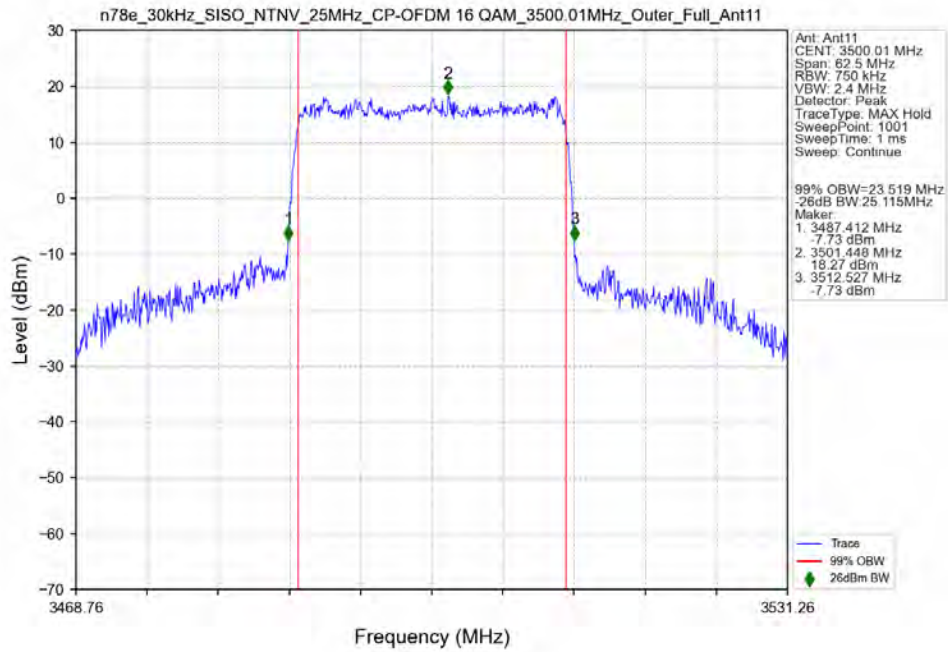
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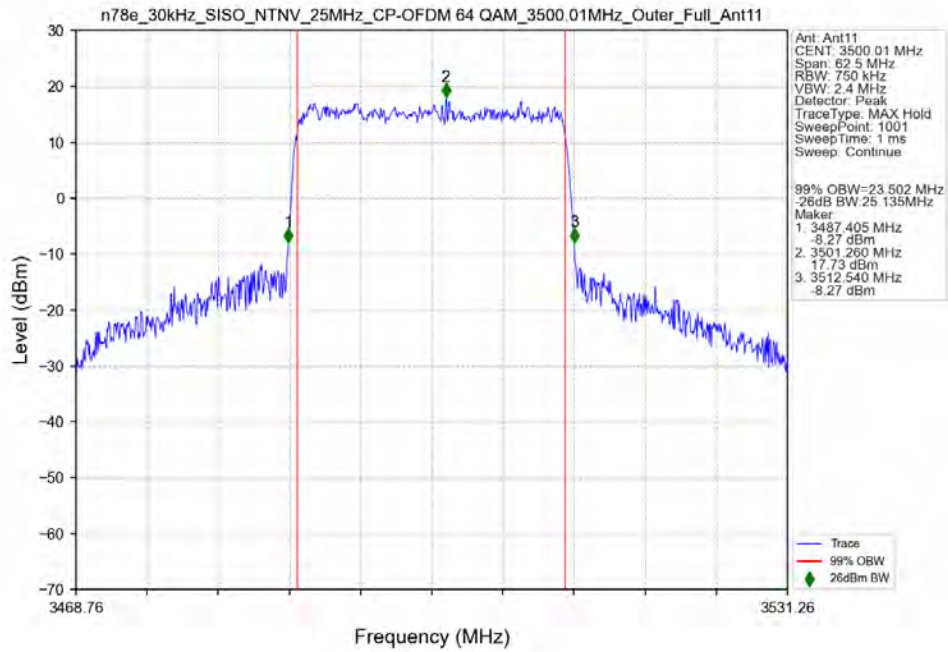
n78e_30kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant11



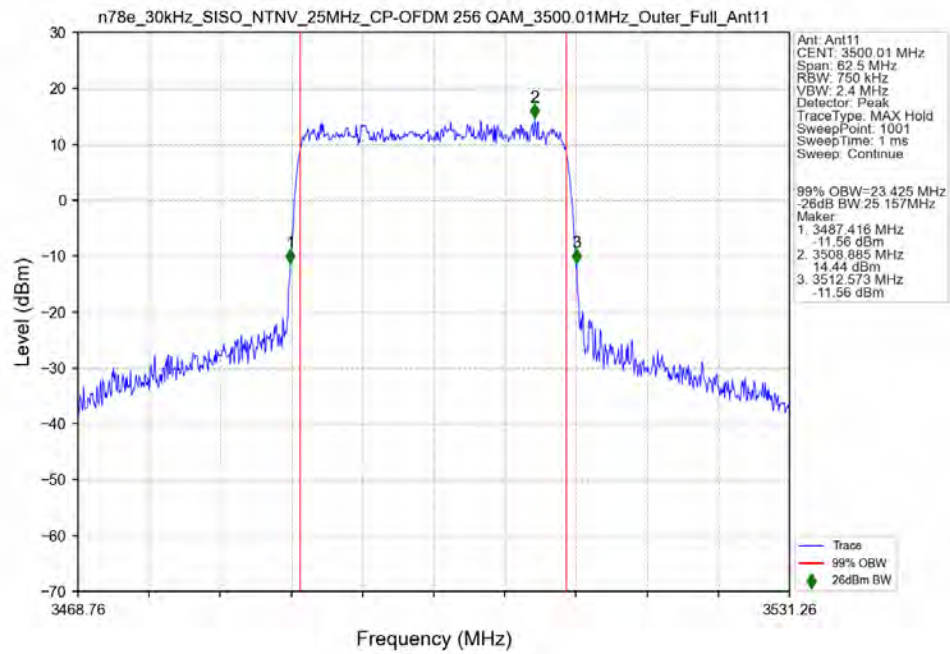
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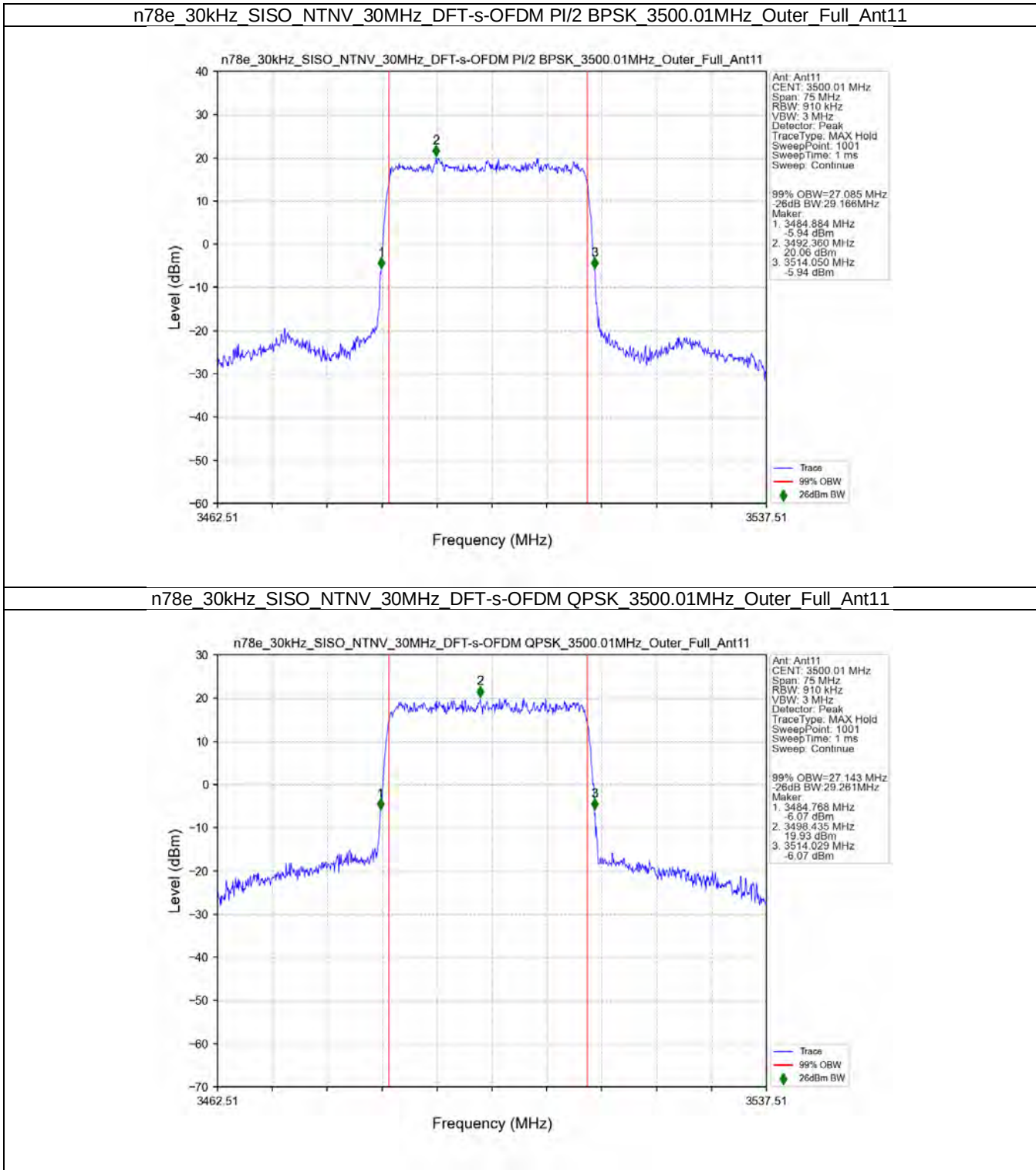
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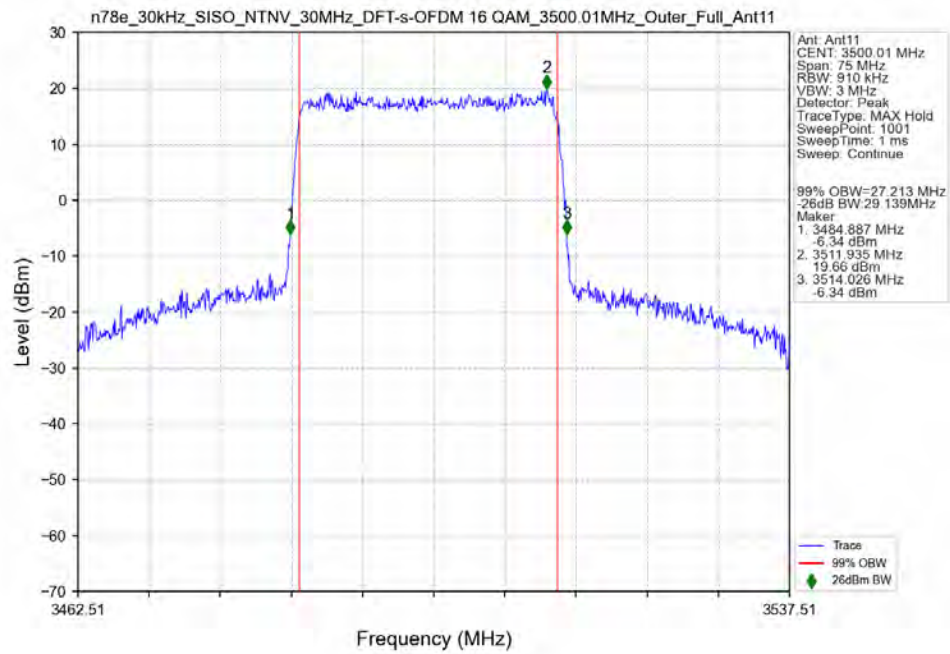
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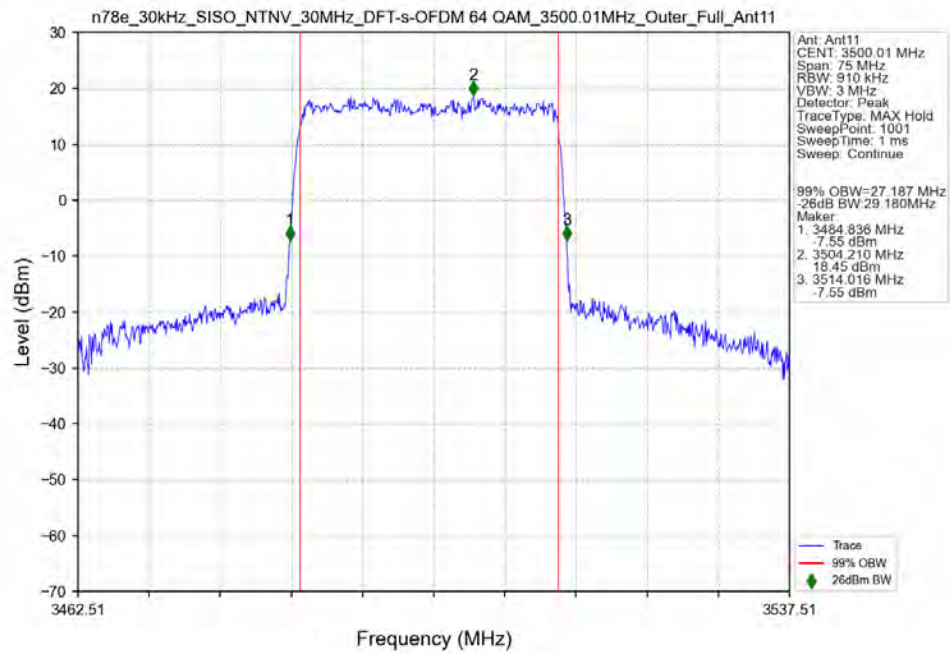
3.2.5 30k_SISO_30MHz_NTNV



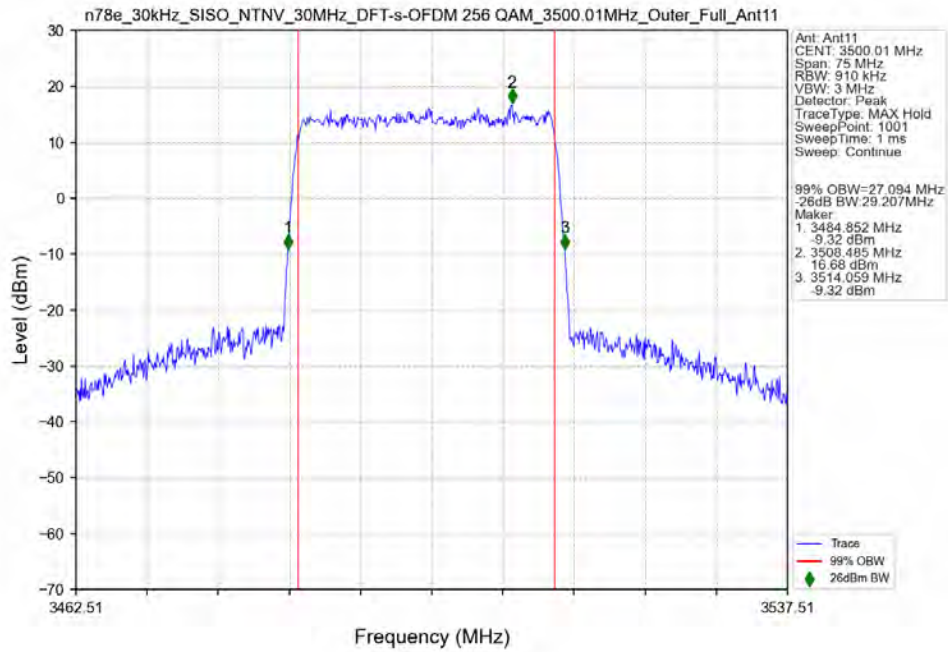
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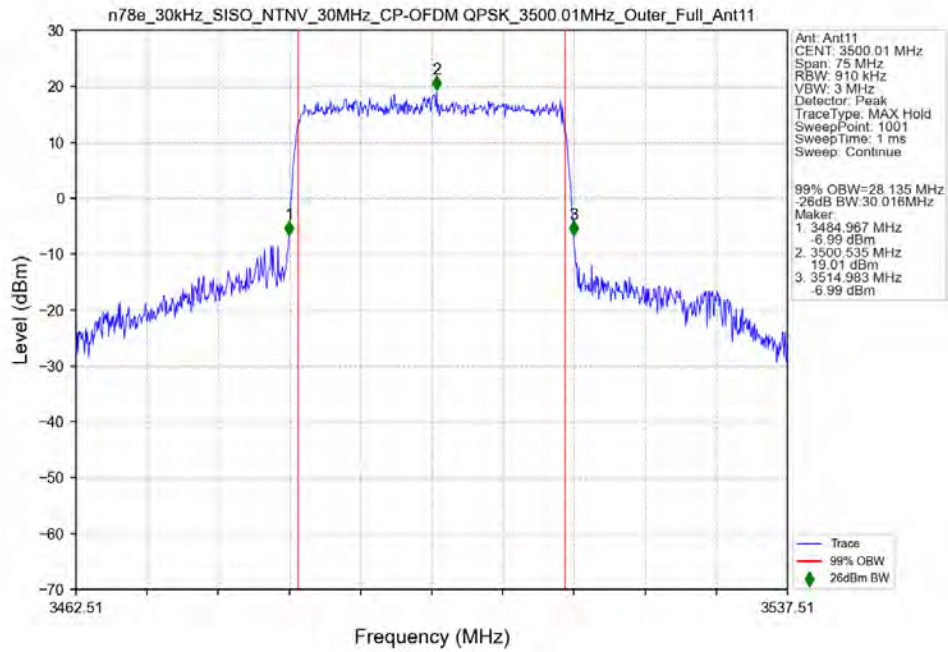
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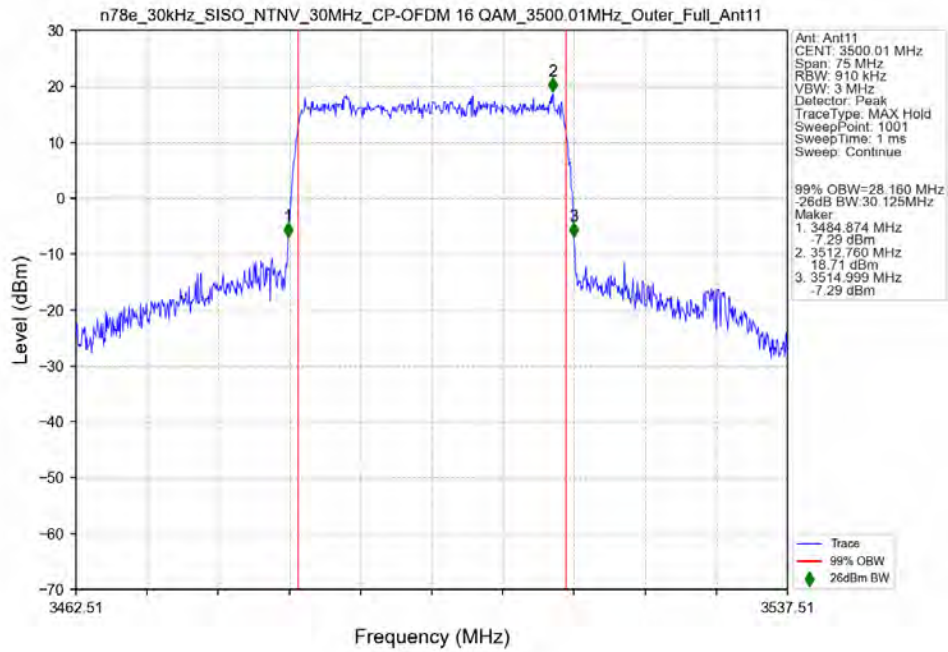
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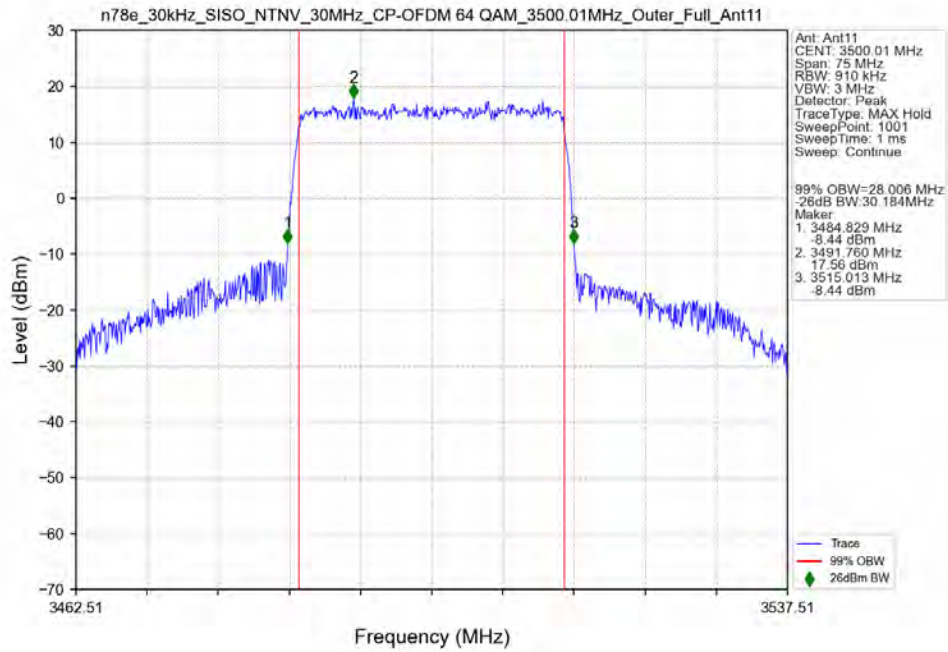
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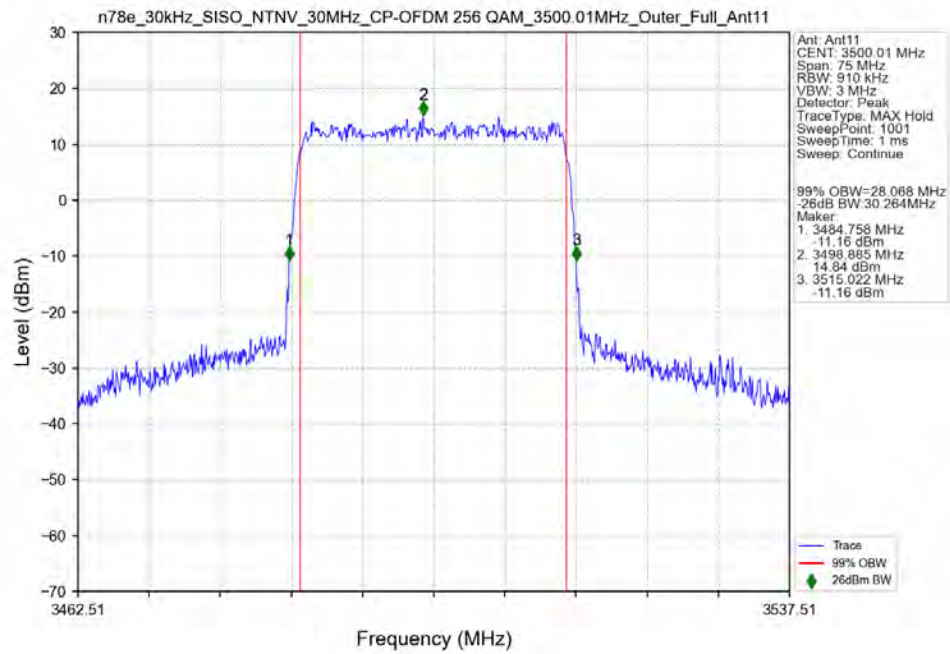
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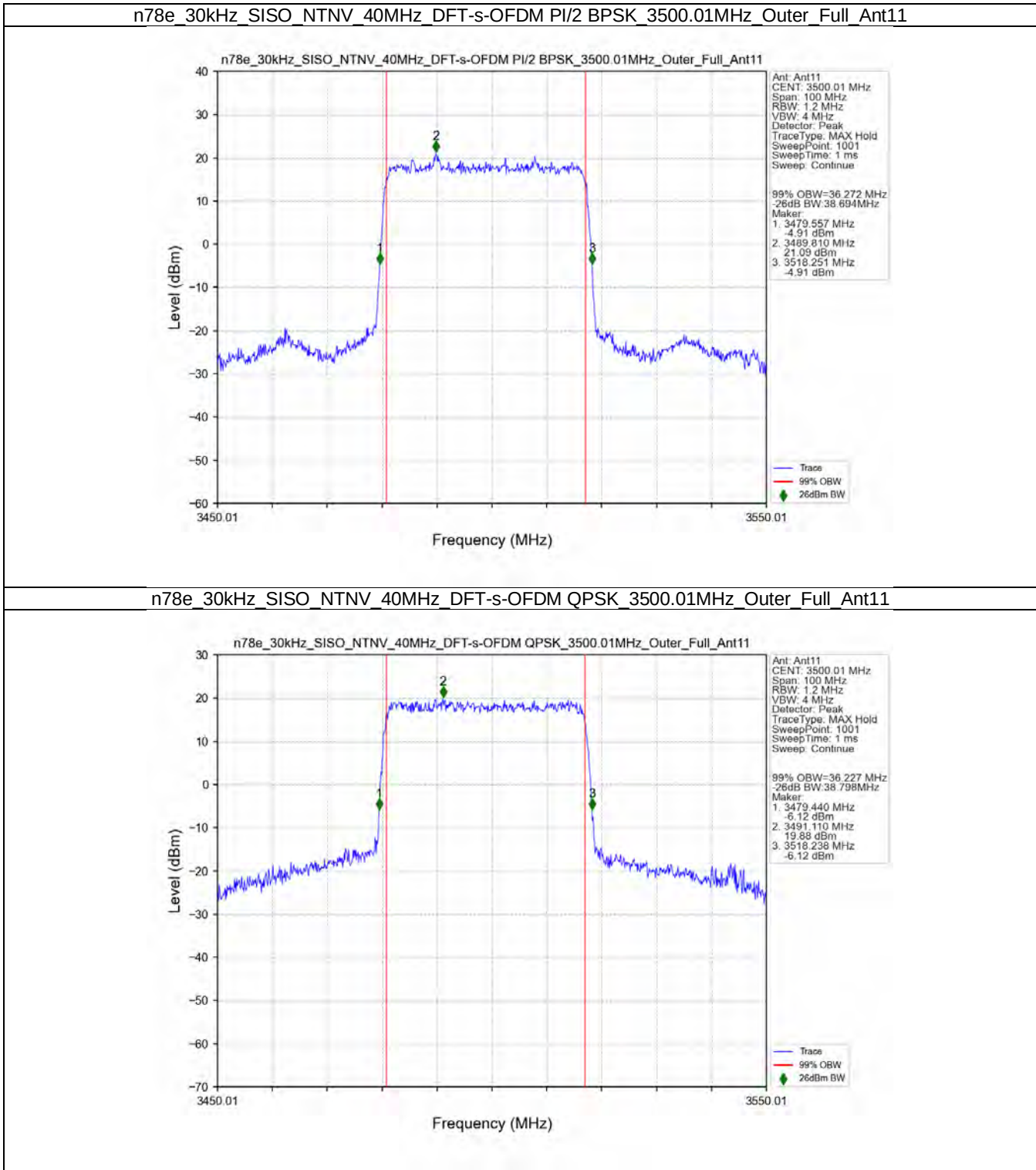
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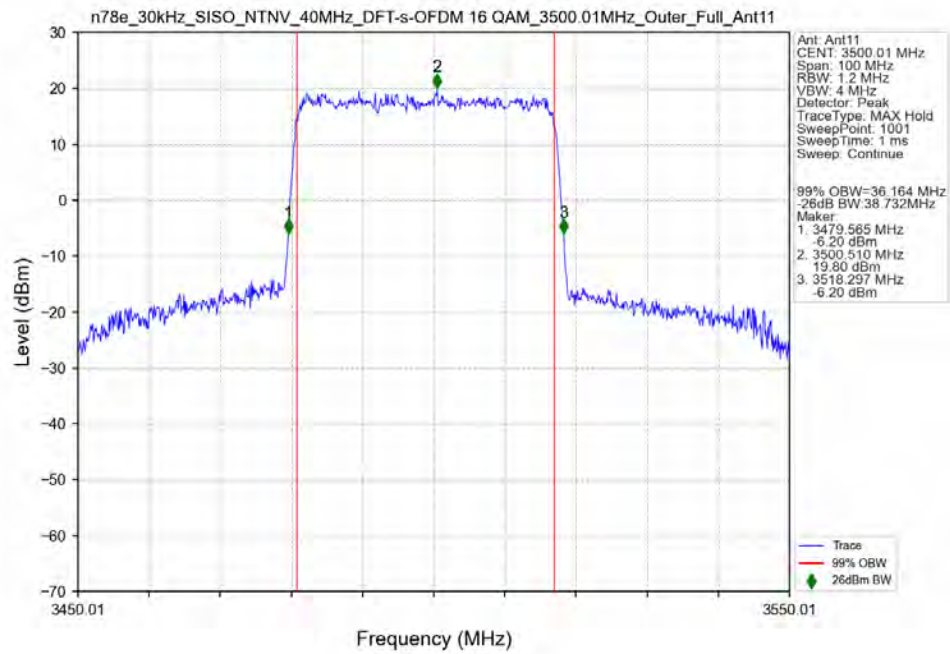
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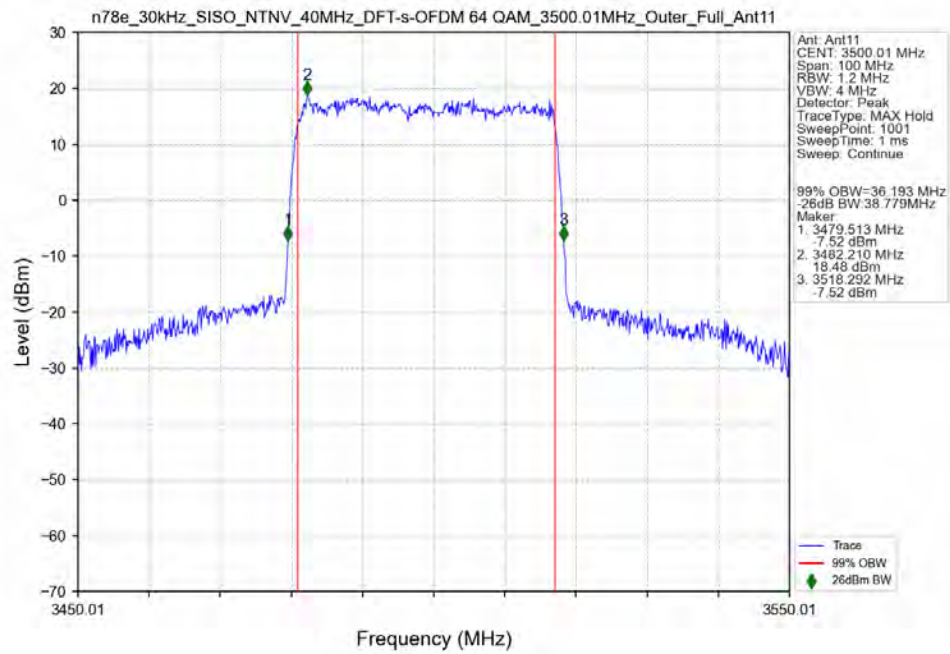
3.2.6 30k_SISO_40MHz_NTNV



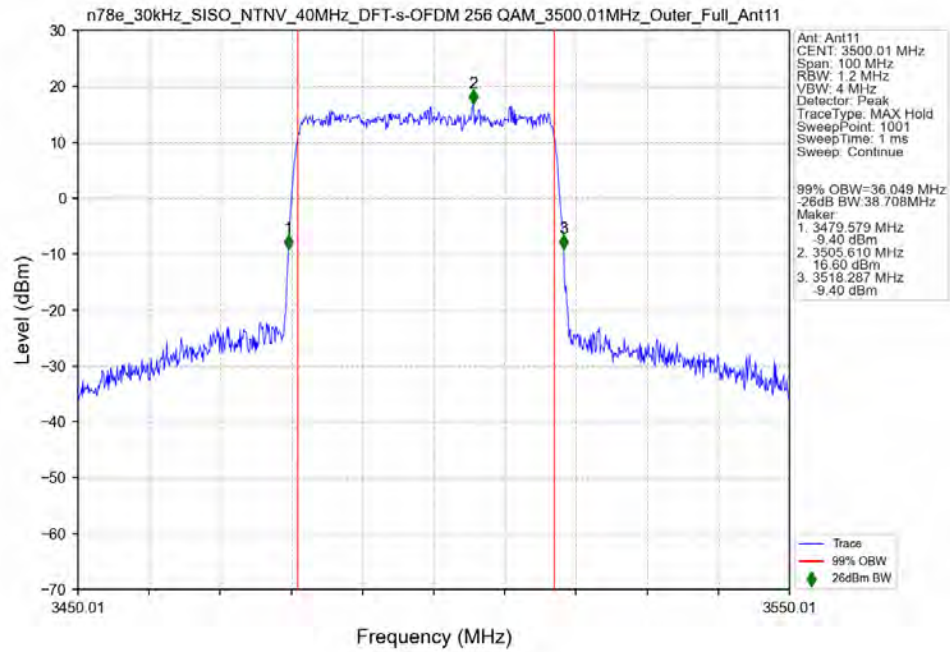
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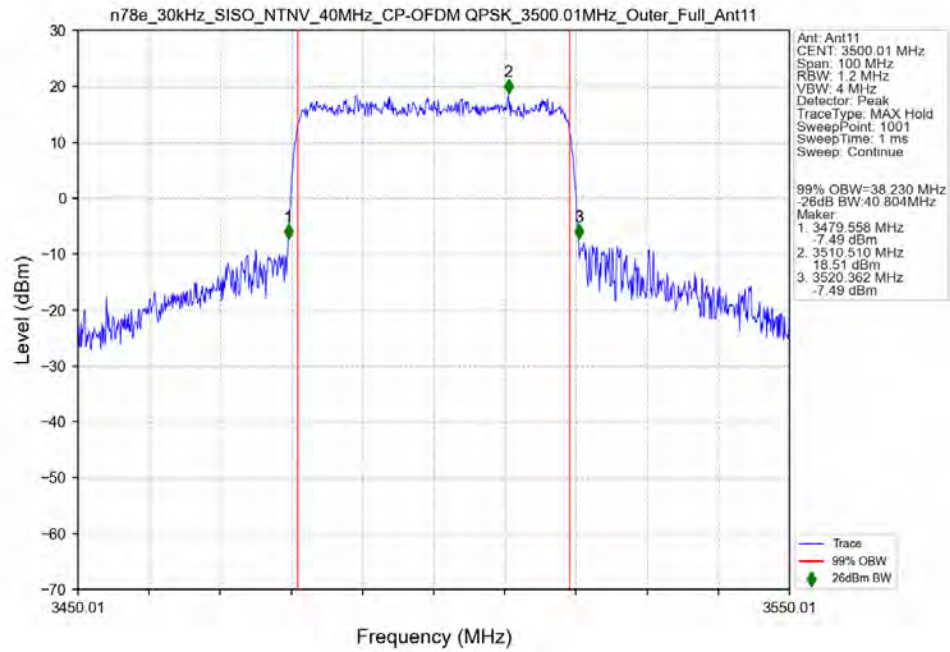
n78e 30kHz SISO NTN 40MHz DFT-s-OFDM 64 QAM 3500.01MHz Outer Full Ant11



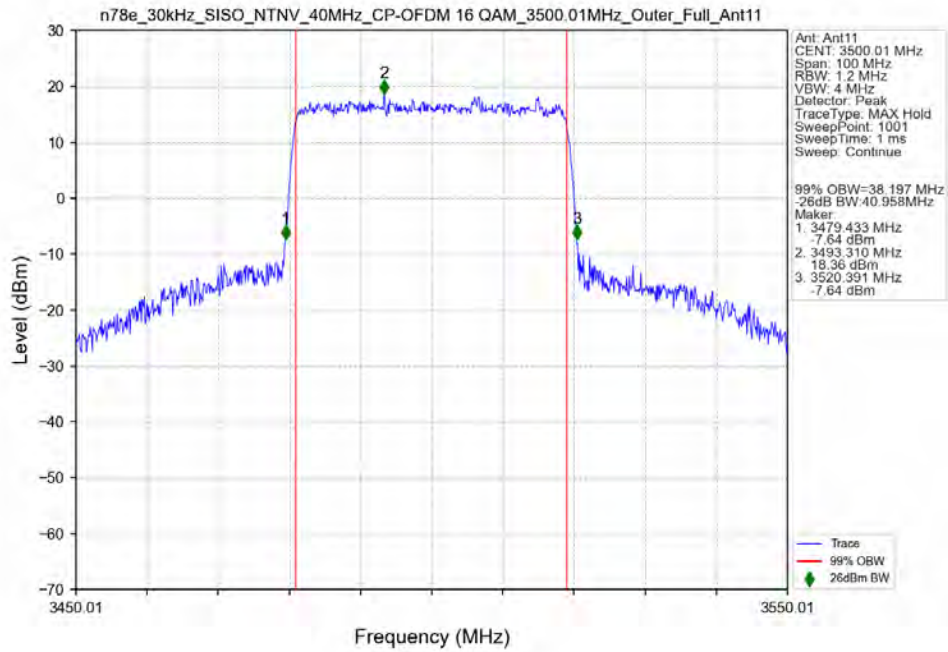
n78e 30kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 3500.01MHz Outer Full Ant11



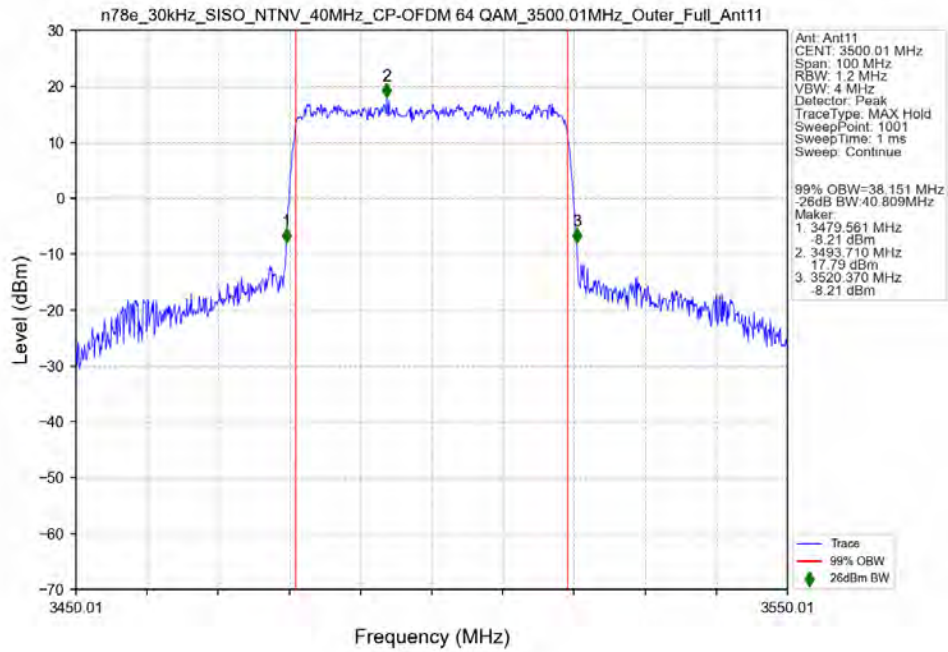
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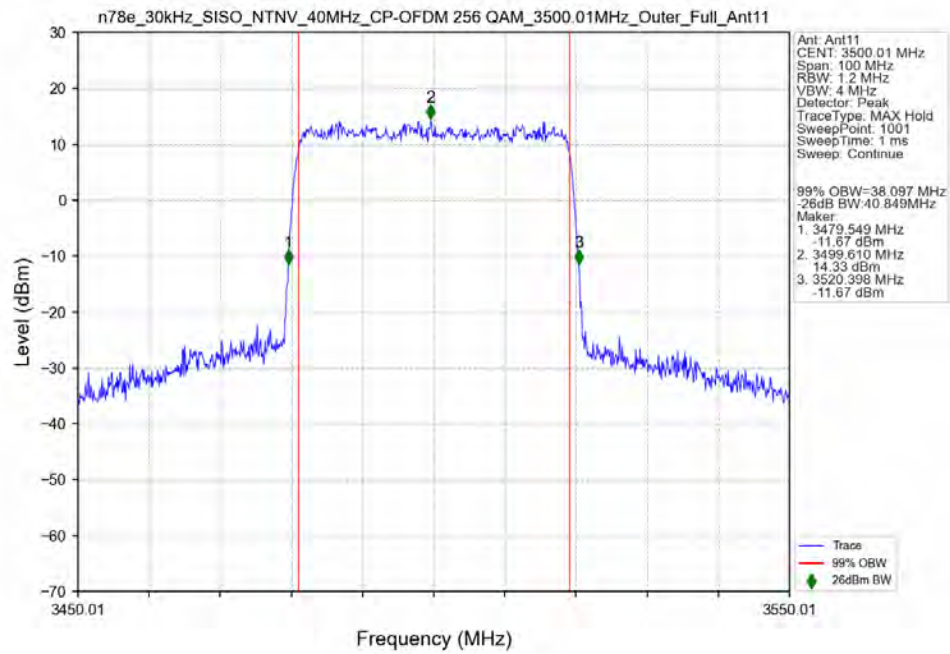
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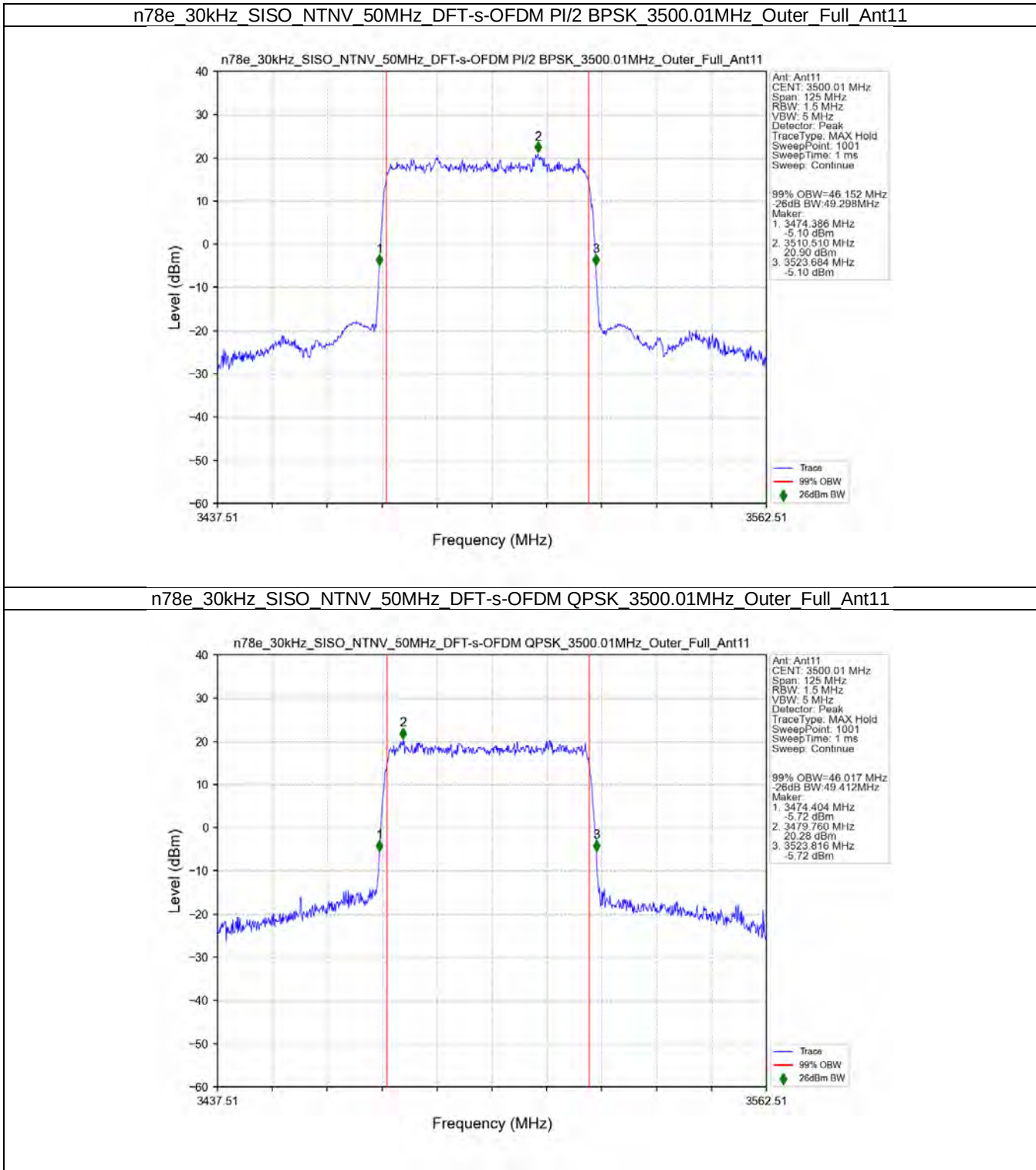
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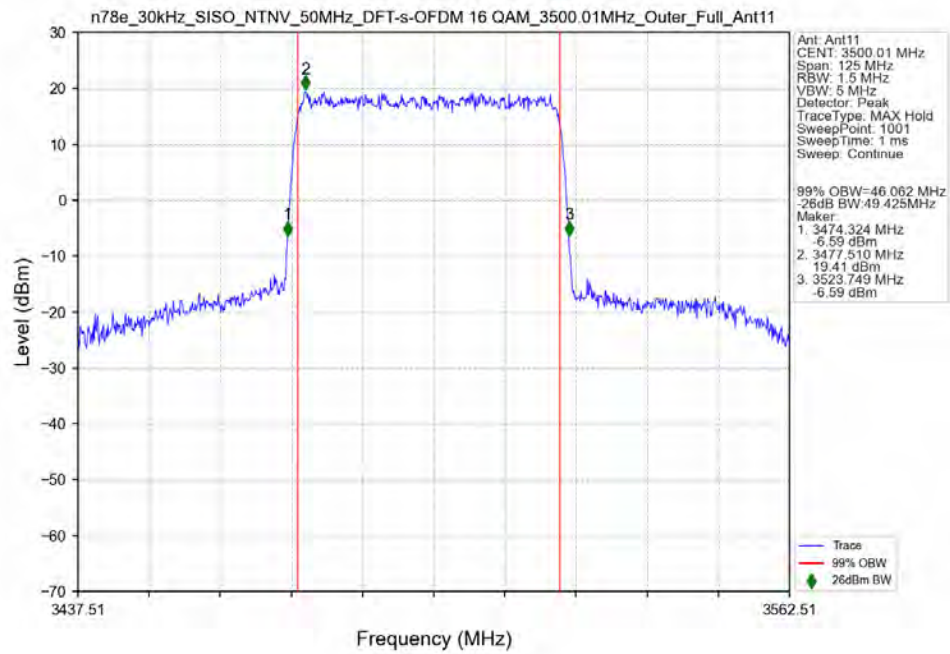
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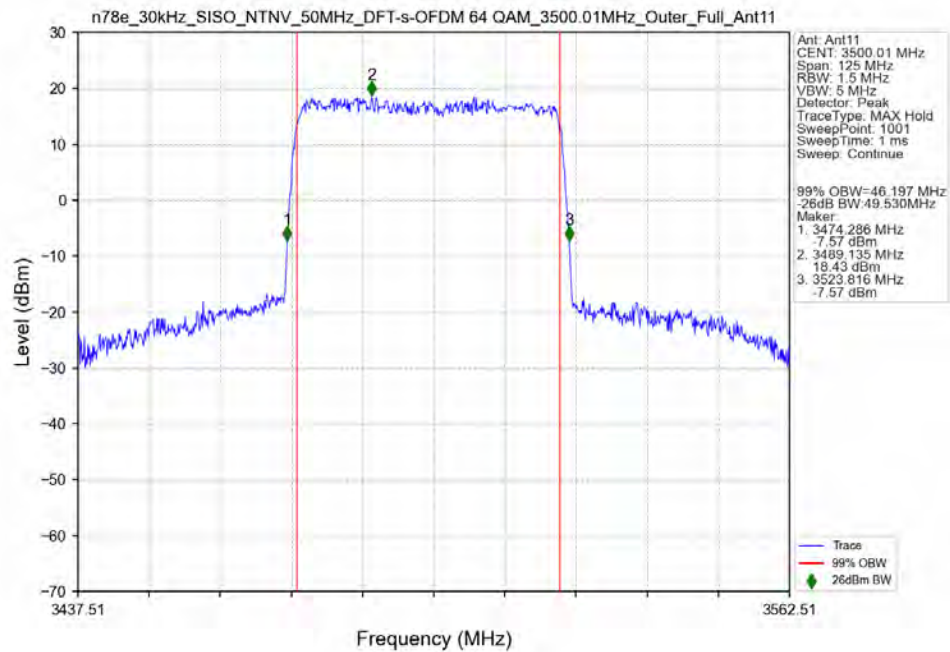
3.2.7 30k_SISO_50MHz_NTNV



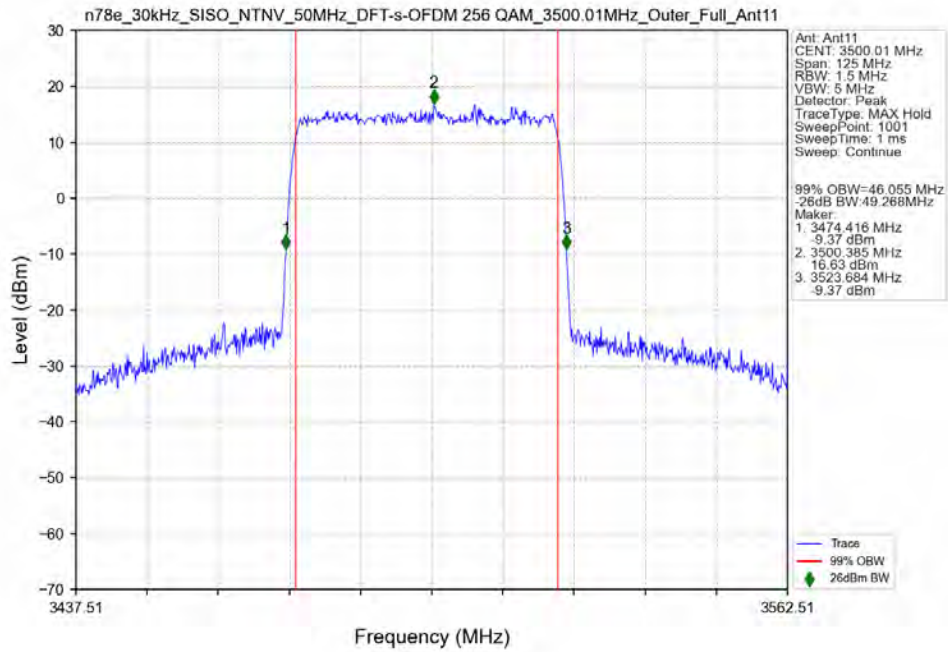
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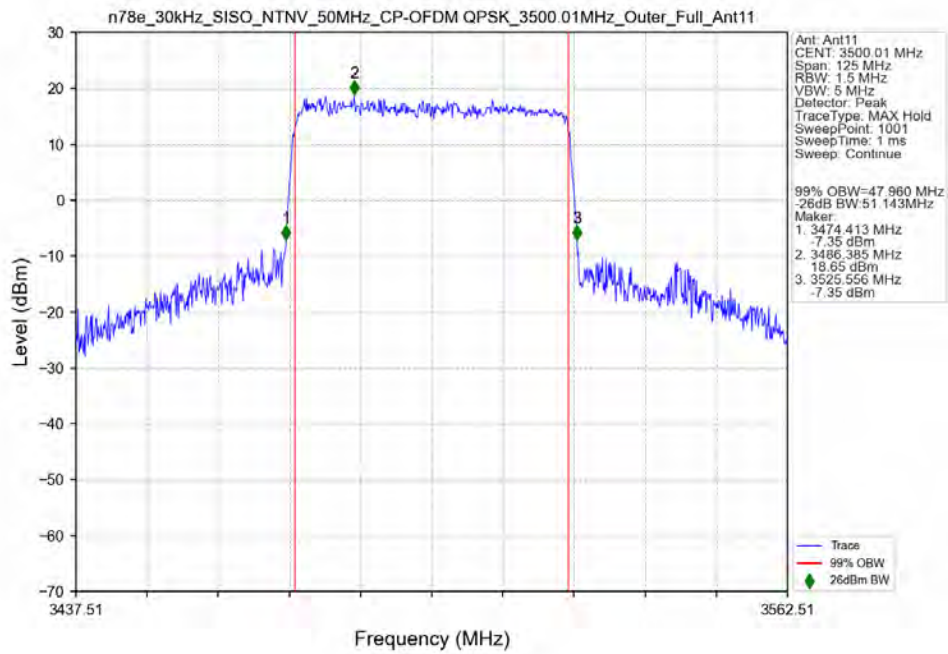
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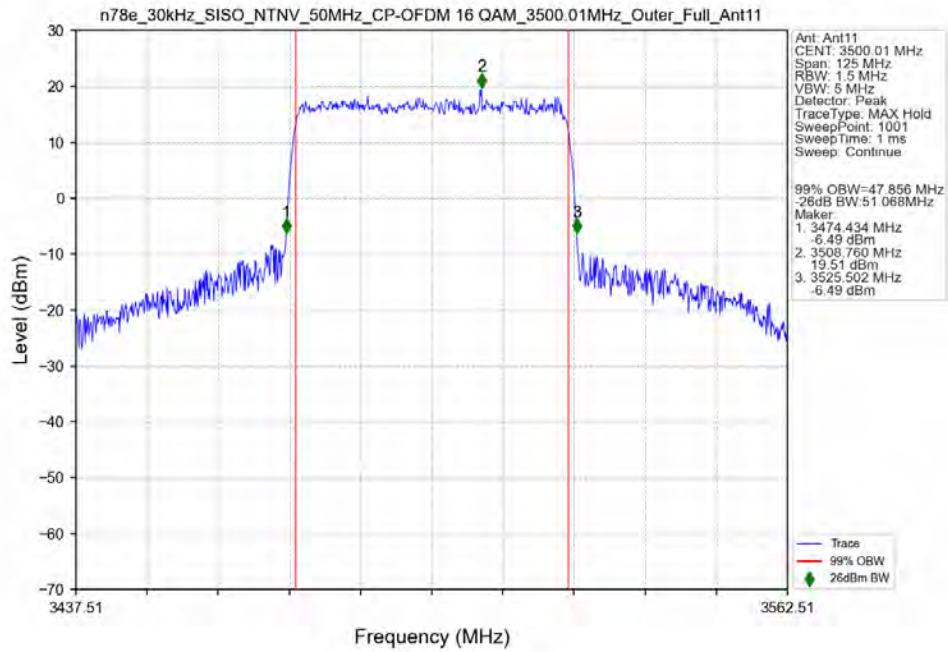
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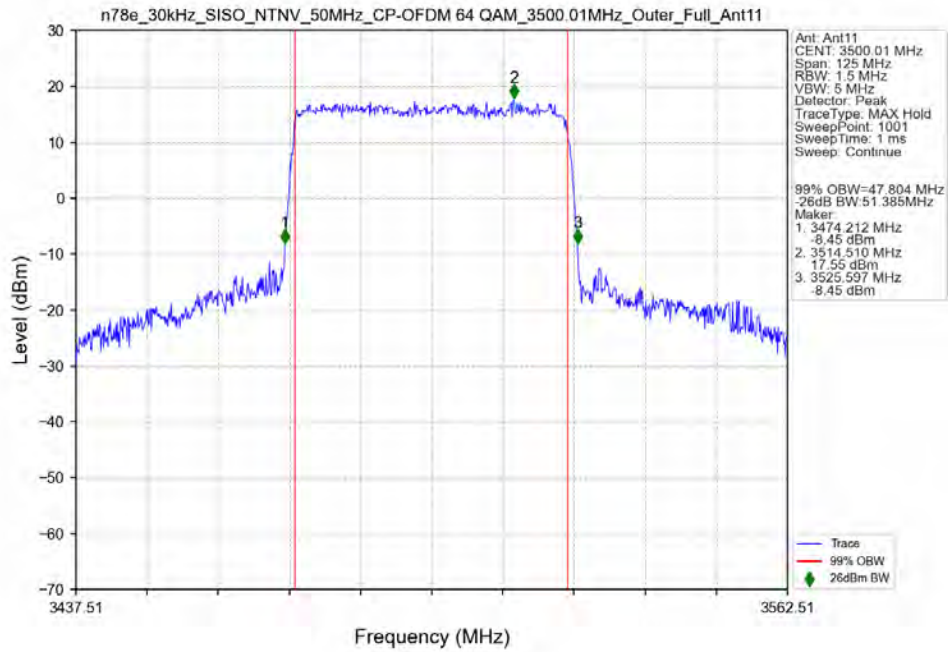
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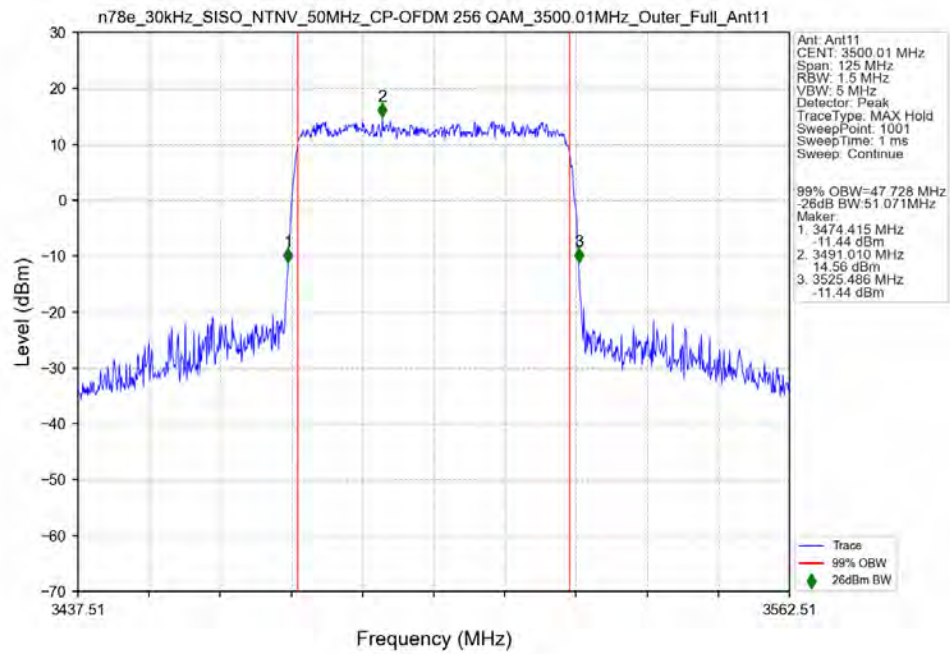
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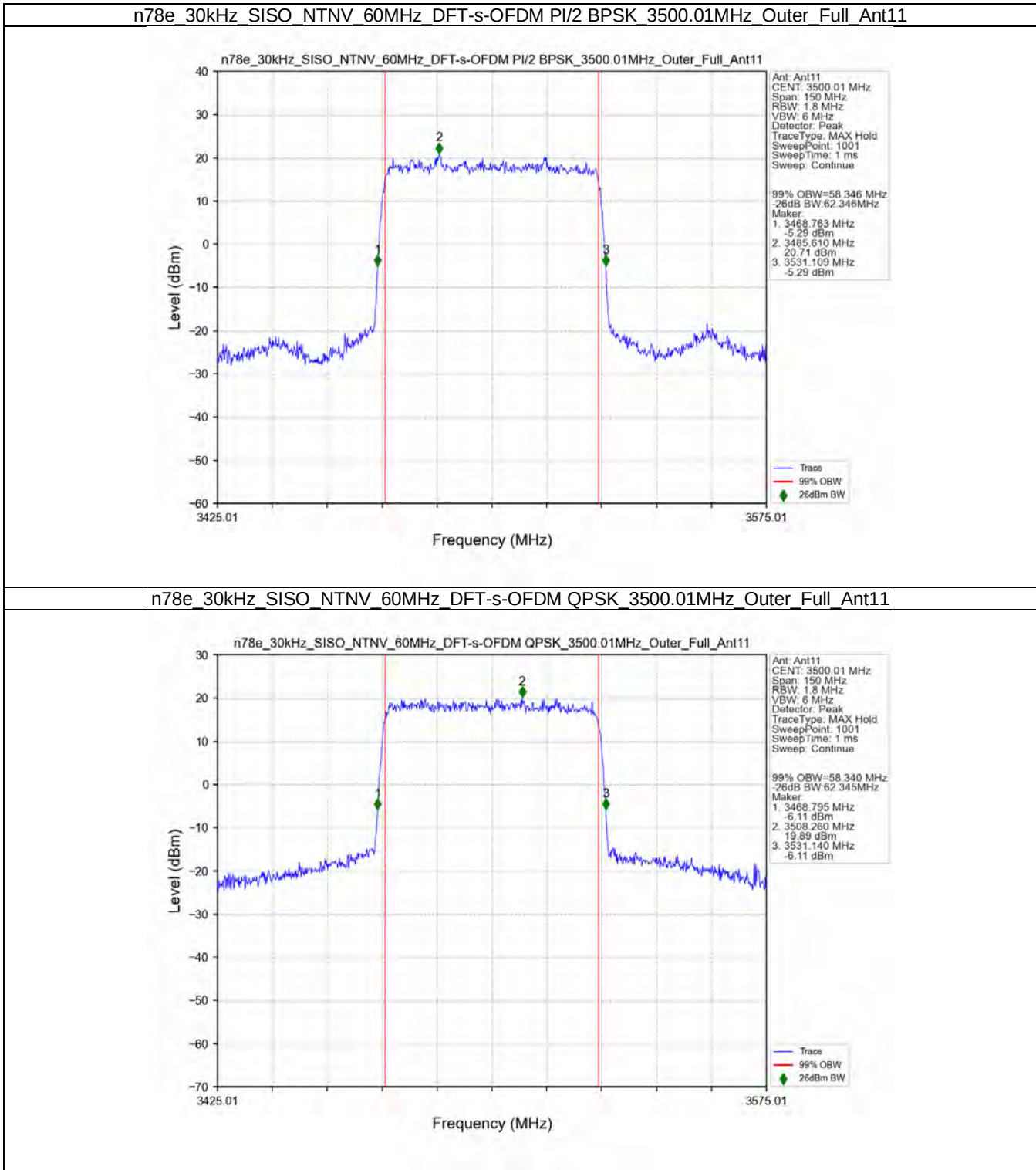
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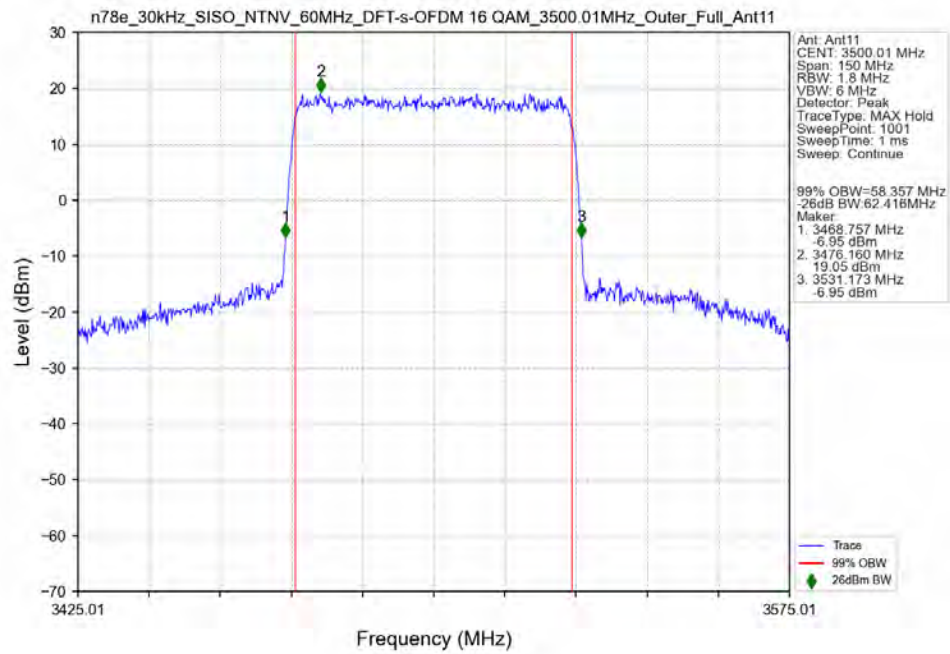
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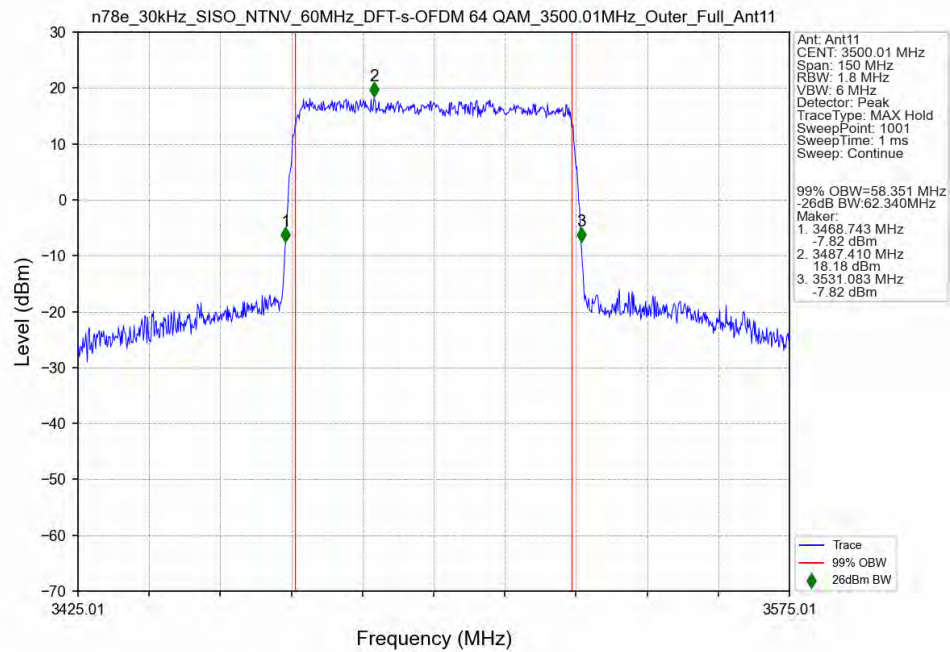
3.2.8 30k_SISO_60MHz_NTNV



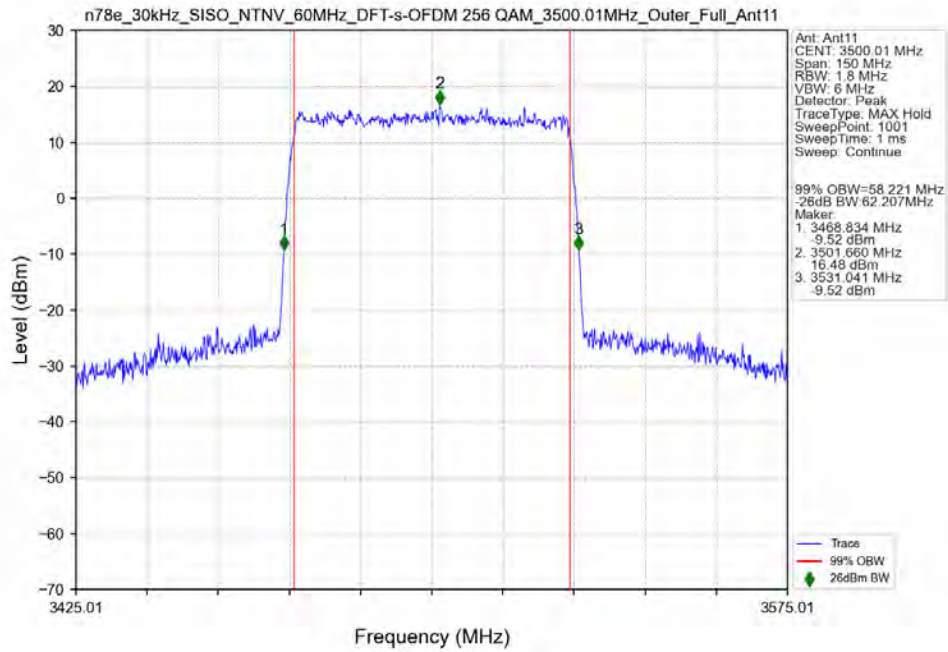
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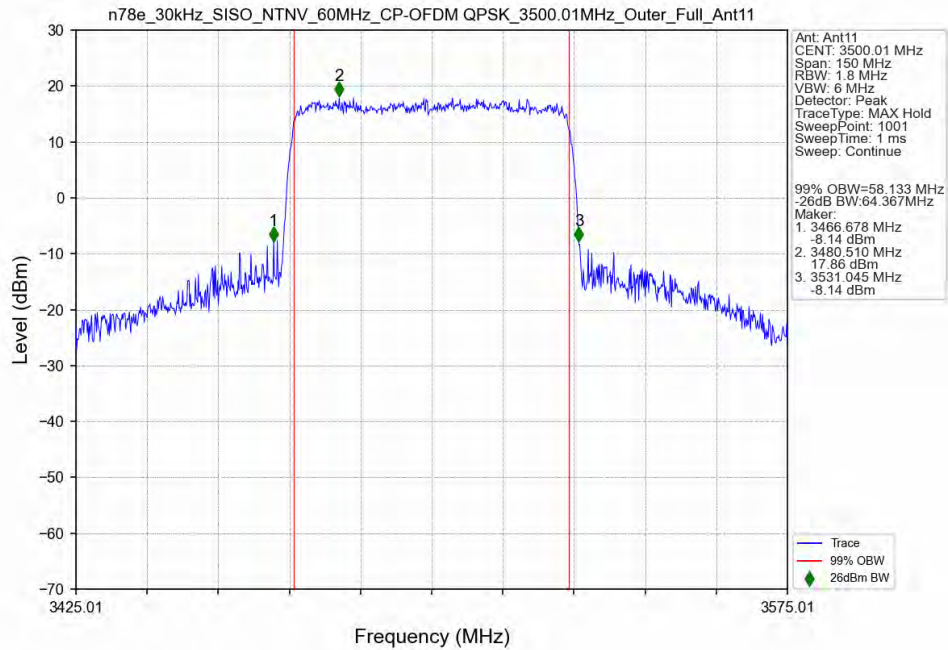
n78e 30kHz SISO NTN 60MHz DFT-s-OFDM 64 QAM 3500.01MHz Outer Full Ant11



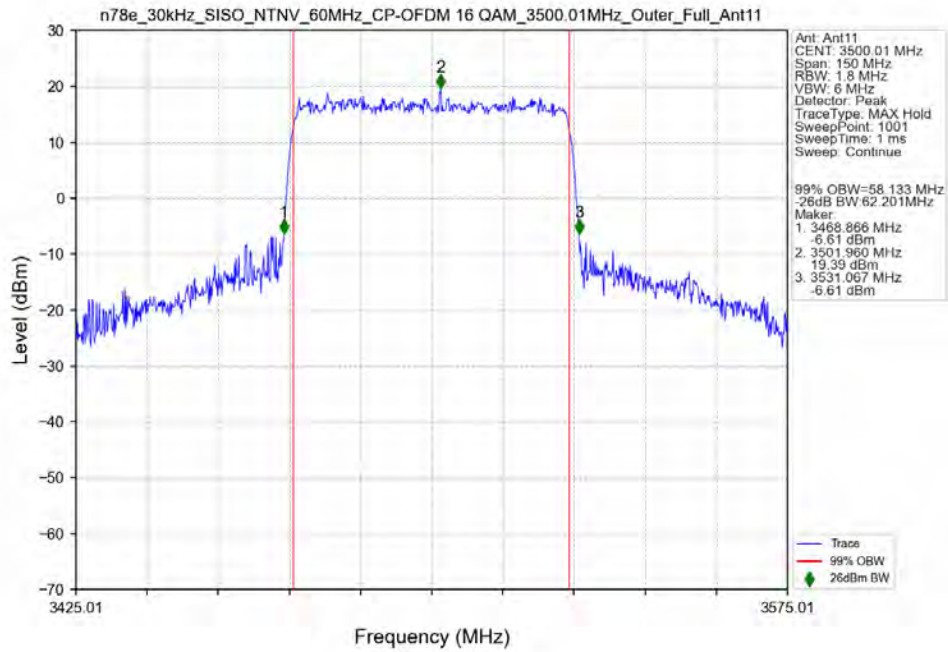
n78e 30kHz SISO NTN 60MHz DFT-s-OFDM 256 QAM 3500.01MHz Outer Full Ant11



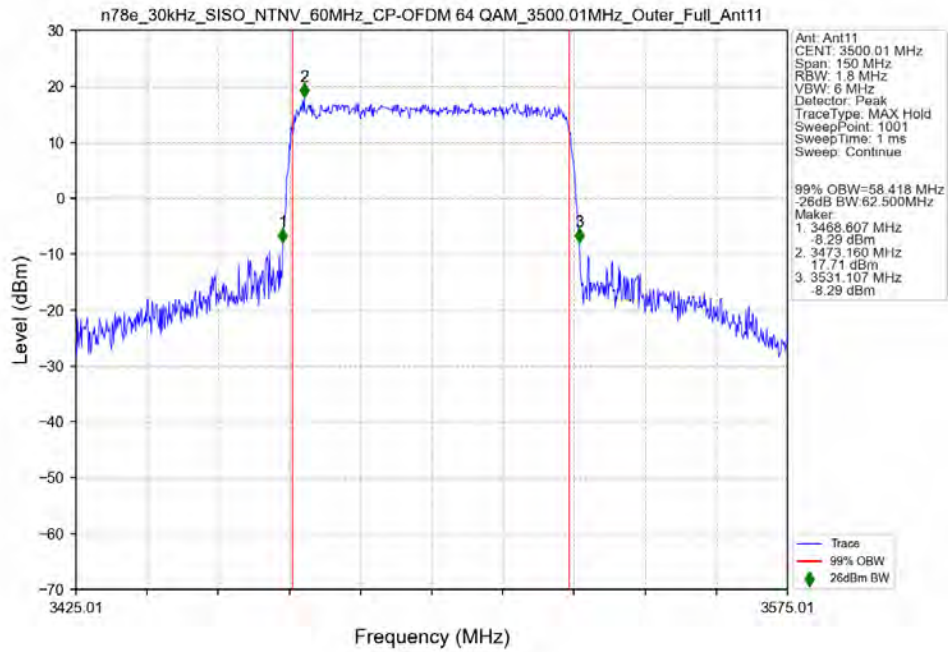
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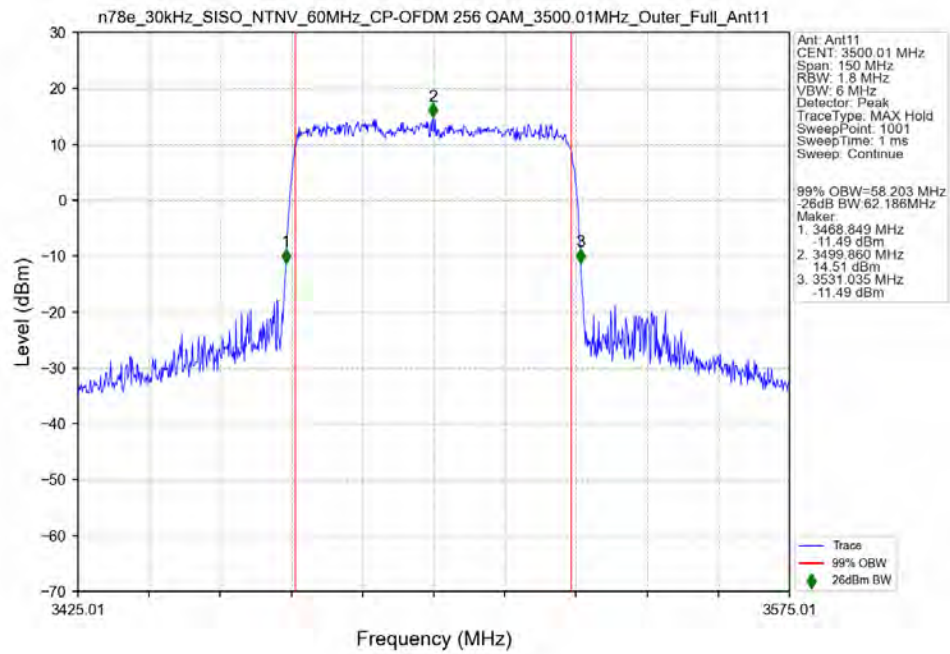
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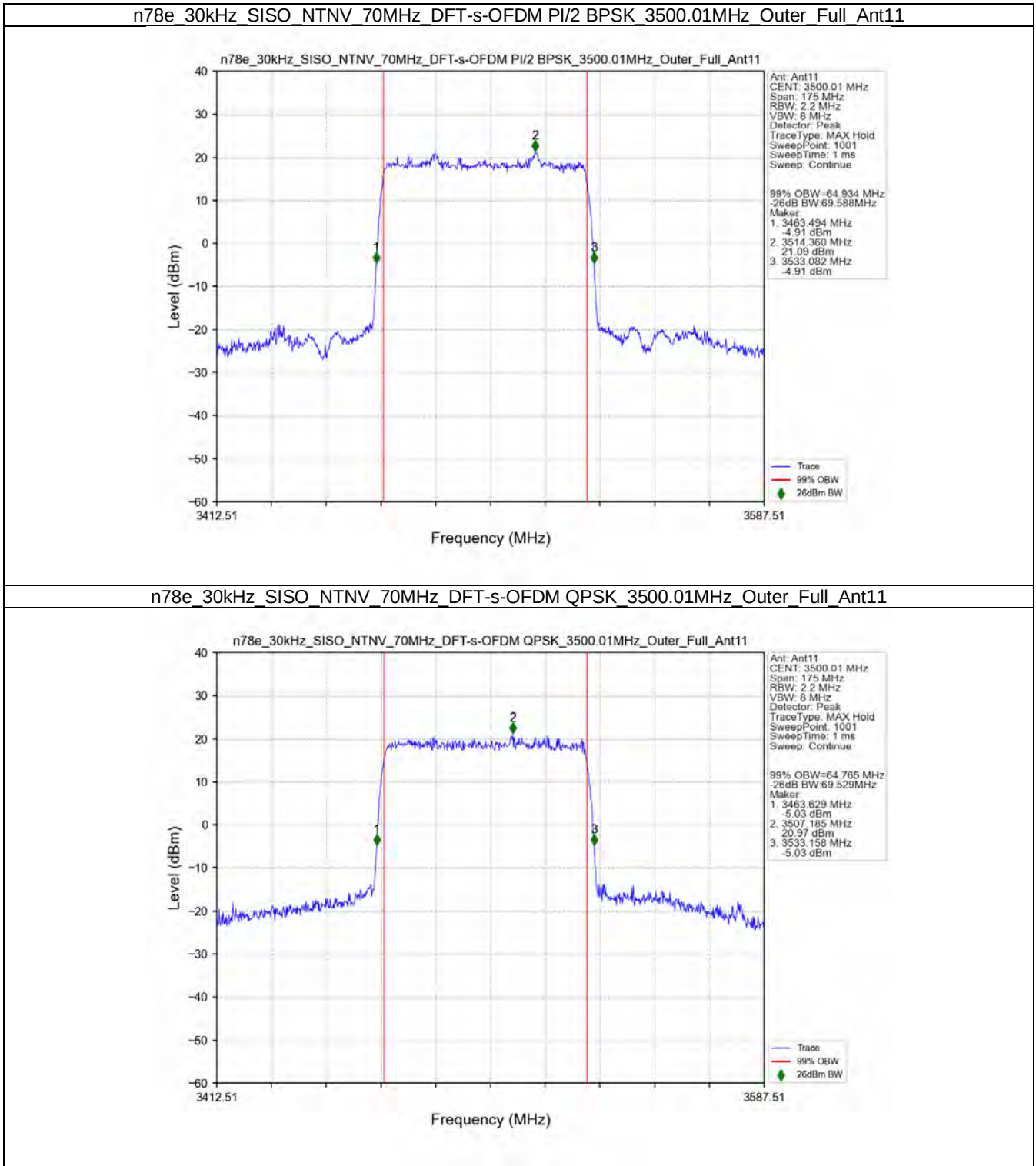
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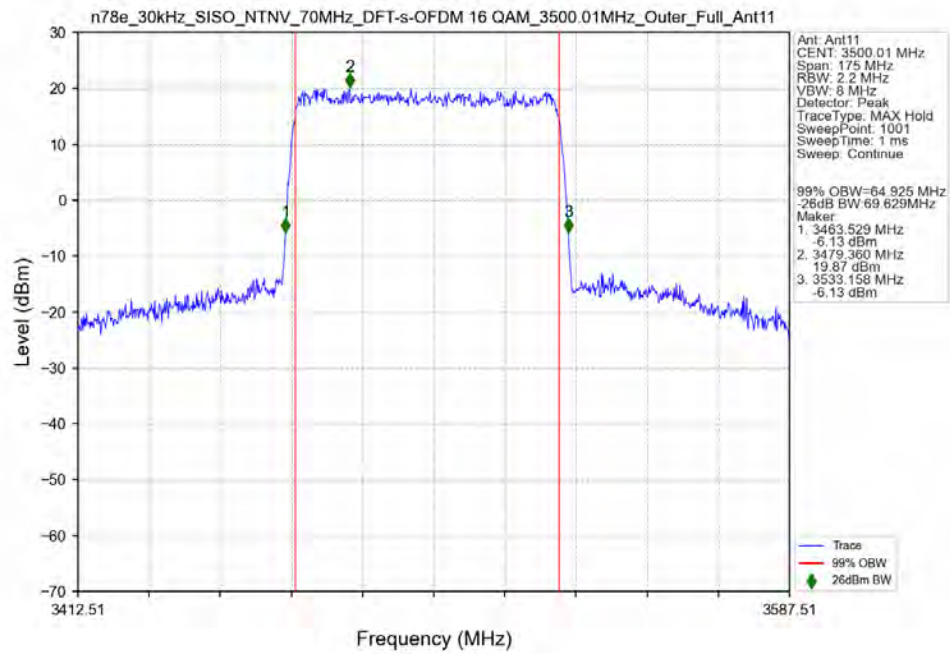
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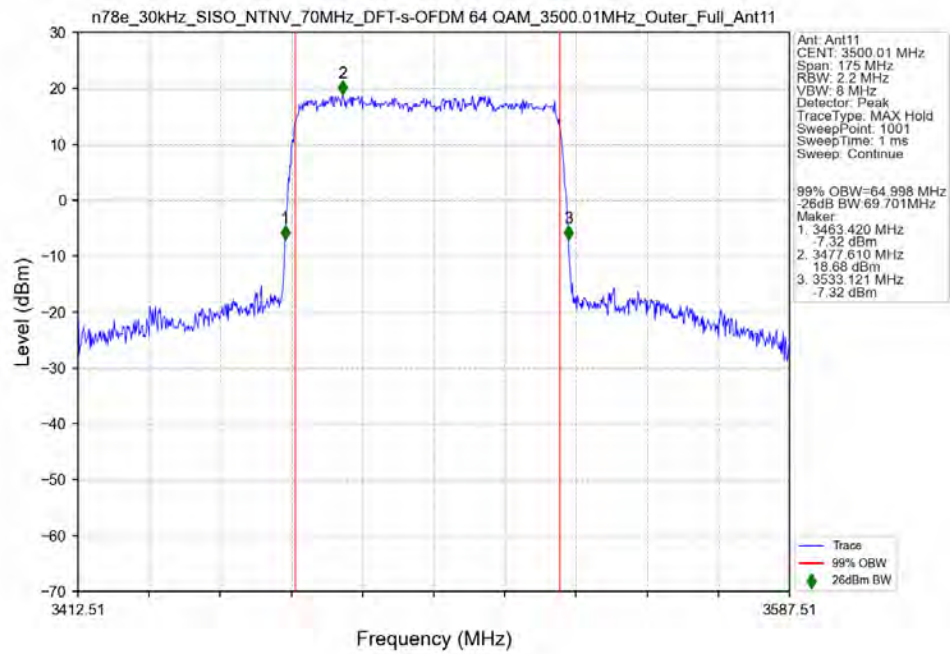
3.2.9 30k_SISO_70MHz_NTNV



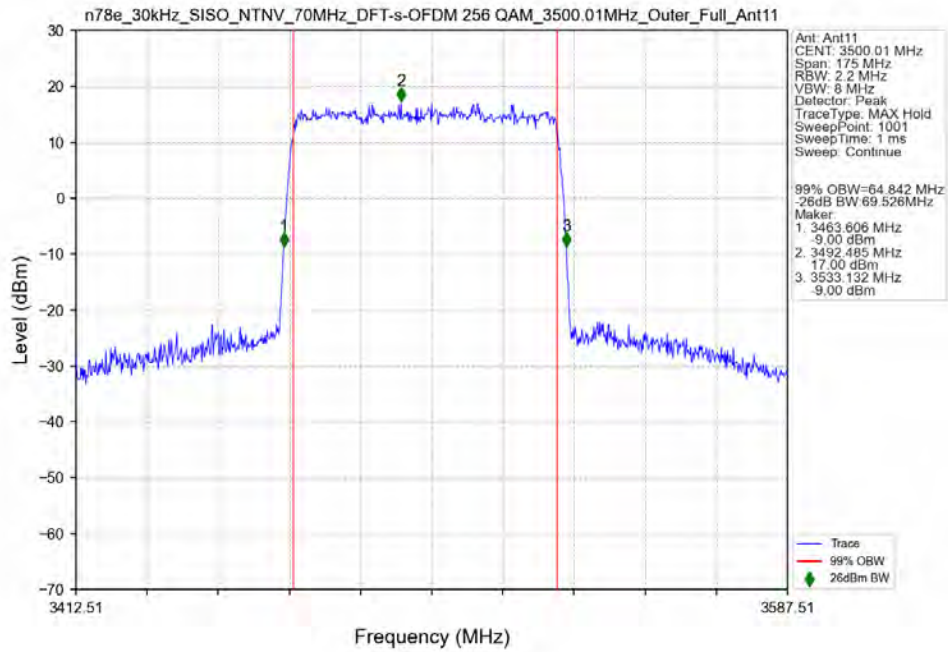
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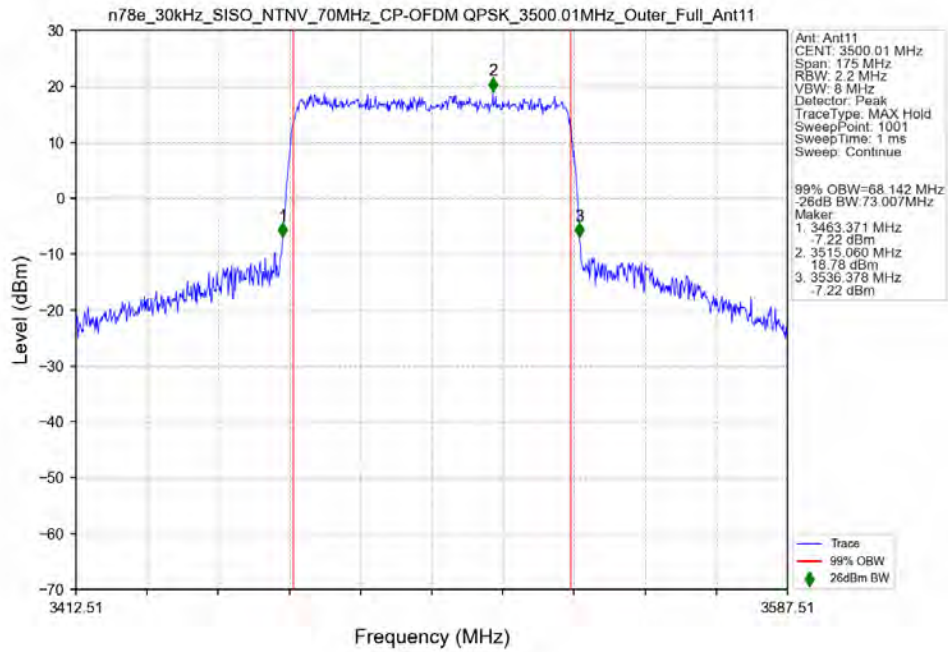
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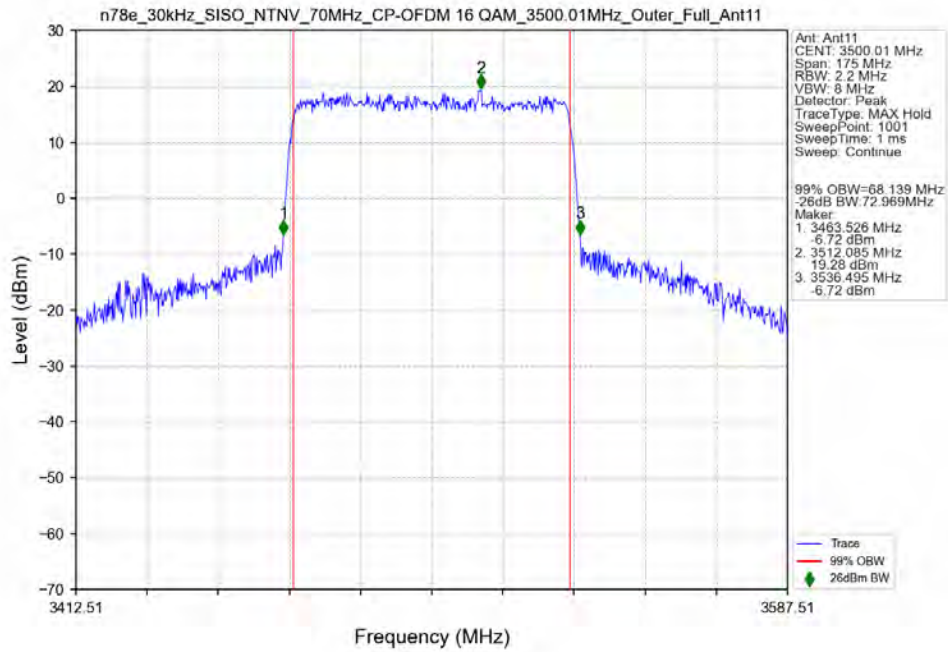
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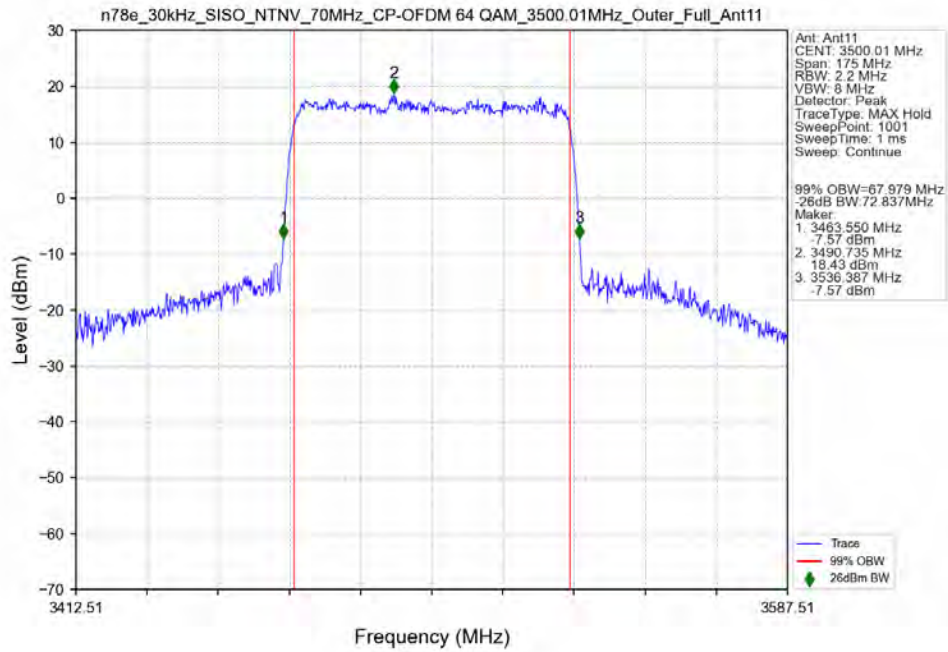
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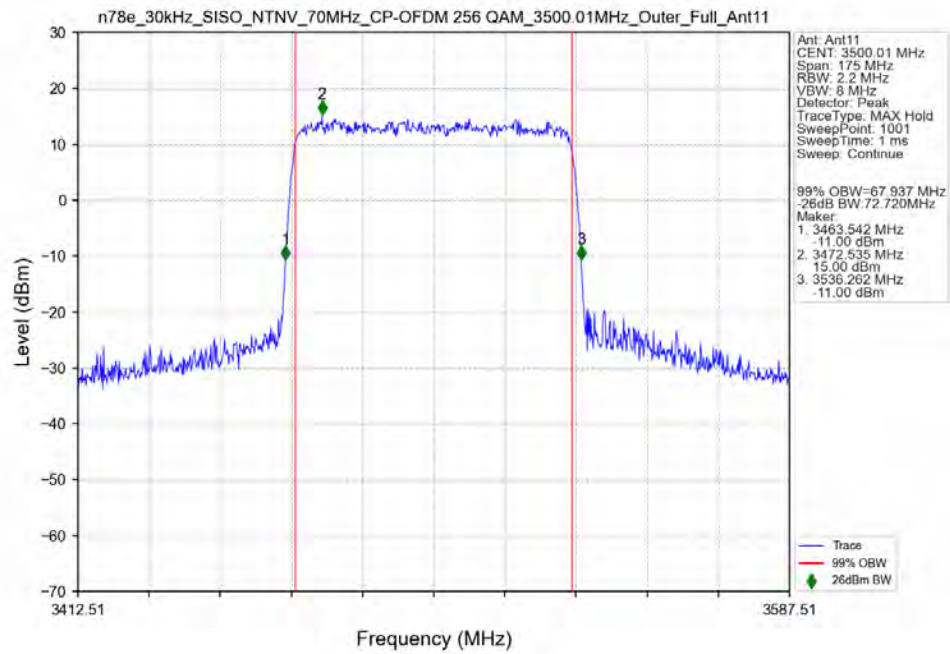
n78e_30kHz_SISO_NTNV_70MHz_CP-OFDM 16 QAM 3500.01MHz Outer_Full_Ant11



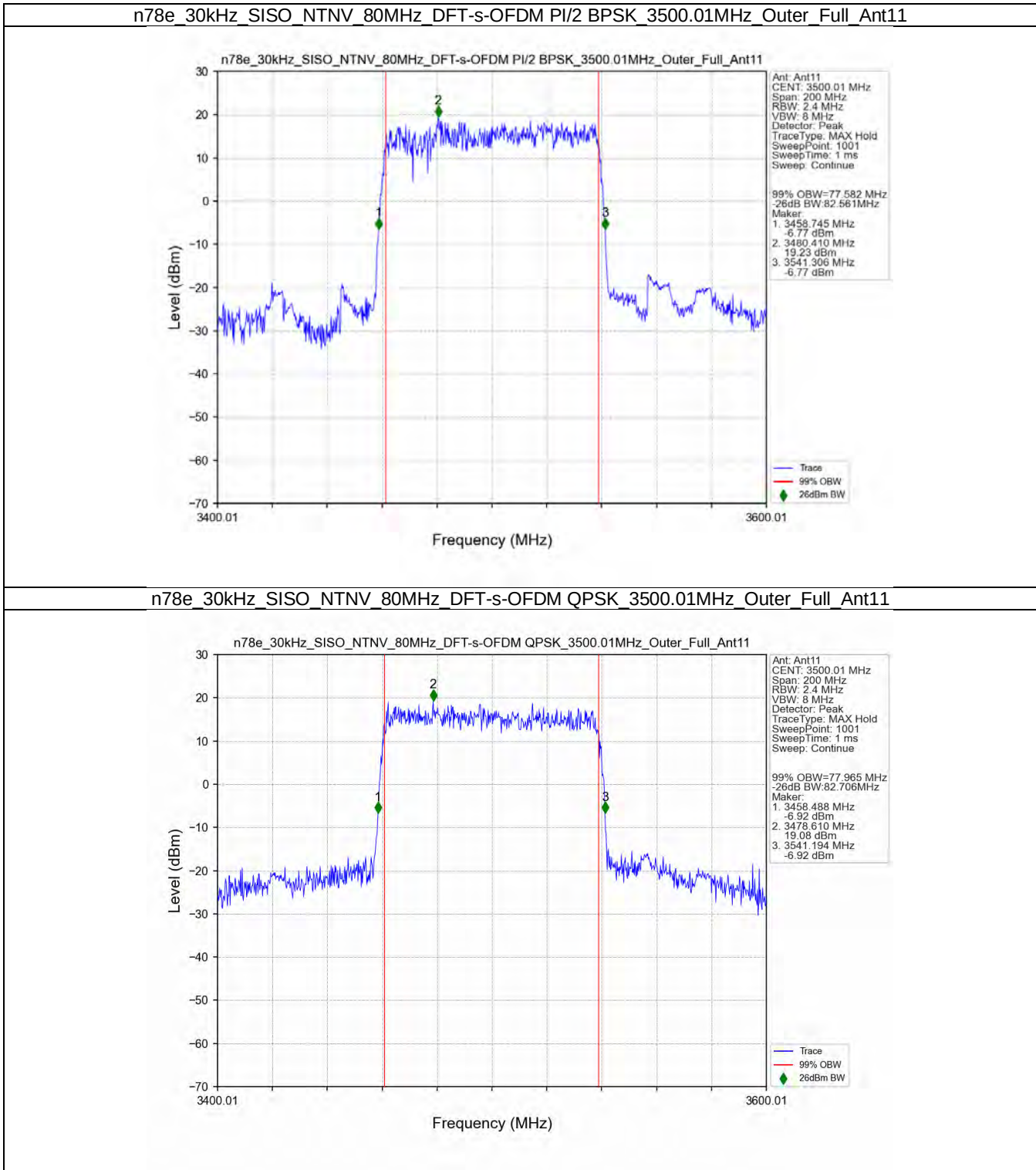
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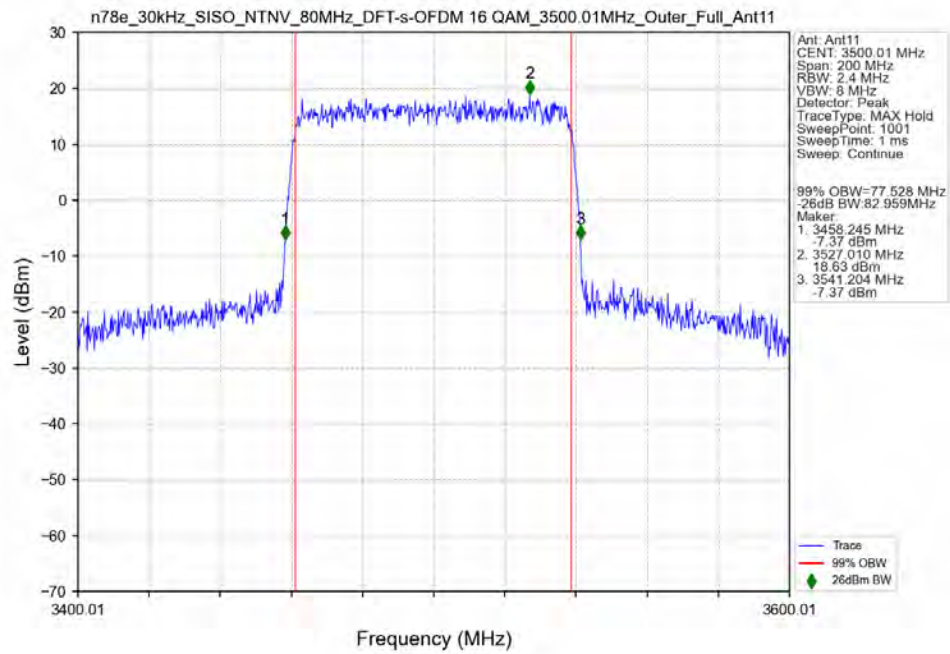
n78e 30kHz SISO NTN 70MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant11



3.2.10 30k_SISO_80MHz_NTNV



n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 16 QAM 3500.01MHz_Outer_Full_Ant11



n78e_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 64 QAM 3500.01MHz_Outer_Full_Ant11

