

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30_S_20M_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant0	Sum	Ant2	Ant0	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3460.02	Edge 1RB Left	22.77	/	/	25.77	/	/	<=30	Pass
		Edge 1RB Right	22.81	/	/	25.81	/	/	<=30	Pass
		Outer Full	25.92	/	/	28.92	/	/	<=30	Pass
		Inner Full	26.44	/	/	29.44	/	/	<=30	Pass
		Inner 1RB Left	26.22	/	/	29.22	/	/	<=30	Pass
		Inner 1RB Right	26.35	/	/	29.35	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.69	/	/	25.69	/	/	<=30	Pass
		Edge 1RB Right	22.71	/	/	25.71	/	/	<=30	Pass
		Outer Full	25.78	/	/	28.78	/	/	<=30	Pass
		Inner Full	26.26	/	/	29.26	/	/	<=30	Pass
		Inner 1RB Left	26.15	/	/	29.15	/	/	<=30	Pass
		Inner 1RB Right	26.25	/	/	29.25	/	/	<=30	Pass
	3540	Edge 1RB Left	22.46	/	/	25.46	/	/	<=30	Pass
		Edge 1RB Right	22.49	/	/	25.49	/	/	<=30	Pass
		Outer Full	25.57	/	/	28.57	/	/	<=30	Pass
		Inner Full	26.01	/	/	29.01	/	/	<=30	Pass
		Inner 1RB Left	25.96	/	/	28.96	/	/	<=30	Pass
		Inner 1RB Right	26.05	/	/	29.05	/	/	<=30	Pass
DFT-s-OFDM QPSK	3460.02	Edge 1RB Left	22.66	/	/	25.66	/	/	<=30	Pass
		Edge 1RB Right	22.84	/	/	25.84	/	/	<=30	Pass
		Outer Full	25.41	/	/	28.41	/	/	<=30	Pass
		Inner Full	26.45	/	/	29.45	/	/	<=30	Pass
		Inner 1RB Left	26.21	/	/	29.21	/	/	<=30	Pass
		Inner 1RB Right	26.37	/	/	29.37	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.62	/	/	25.62	/	/	<=30	Pass
		Edge 1RB Right	22.68	/	/	25.68	/	/	<=30	Pass
		Outer Full	25.28	/	/	28.28	/	/	<=30	Pass
		Inner Full	26.31	/	/	29.31	/	/	<=30	Pass
		Inner 1RB Left	26.21	/	/	29.21	/	/	<=30	Pass
		Inner 1RB Right	26.12	/	/	29.12	/	/	<=30	Pass
	3540	Edge 1RB Left	22.46	/	/	25.46	/	/	<=30	Pass
		Edge 1RB Right	22.45	/	/	25.45	/	/	<=30	Pass
		Outer Full	25.04	/	/	28.04	/	/	<=30	Pass
		Inner Full	26.07	/	/	29.07	/	/	<=30	Pass
		Inner 1RB Left	25.94	/	/	28.94	/	/	<=30	Pass
		Inner 1RB Right	26.02	/	/	29.02	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3460.02	Edge 1RB Left	22.68	/	/	25.68	/	/	<=30	Pass
		Edge 1RB Right	22.78	/	/	25.78	/	/	<=30	Pass
		Outer Full	24.37	/	/	27.37	/	/	<=30	Pass
		Inner Full	25.51	/	/	28.51	/	/	<=30	Pass
		Inner 1RB Left	25.07	/	/	28.07	/	/	<=30	Pass
		Inner 1RB Right	25.21	/	/	28.21	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.61	/	/	25.61	/	/	<=30	Pass
		Edge 1RB Right	22.63	/	/	25.63	/	/	<=30	Pass
		Outer Full	24.28	/	/	27.28	/	/	<=30	Pass
		Inner Full	25.27	/	/	28.27	/	/	<=30	Pass

		Inner_1RB_Left	25.07	/	/	28.07	/	/	<=30	Pass
		Inner_1RB_Right	25.06	/	/	28.06	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.35	/	/	25.35	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	25.46	/	/	<=30	Pass
		Outer_Full	24.04	/	/	27.04	/	/	<=30	Pass
		Inner_Full	25.09	/	/	28.09	/	/	<=30	Pass
		Inner_1RB_Left	24.74	/	/	27.74	/	/	<=30	Pass
		Inner_1RB_Right	24.81	/	/	27.81	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3460.02	Edge_1RB_Left	22.79	/	/	25.79	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	25.83	/	/	<=30	Pass
		Outer_Full	23.95	/	/	26.95	/	/	<=30	Pass
		Inner_Full	23.97	/	/	26.97	/	/	<=30	Pass
		Inner_1RB_Left	23.83	/	/	26.83	/	/	<=30	Pass
		Inner_1RB_Right	23.88	/	/	26.88	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.81	/	/	25.81	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	25.83	/	/	<=30	Pass
		Outer_Full	23.81	/	/	26.81	/	/	<=30	Pass
		Inner_Full	23.80	/	/	26.80	/	/	<=30	Pass
		Inner_1RB_Left	23.76	/	/	26.76	/	/	<=30	Pass
		Inner_1RB_Right	23.79	/	/	26.79	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.57	/	/	25.57	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	25.55	/	/	<=30	Pass
		Outer_Full	23.51	/	/	26.51	/	/	<=30	Pass
		Inner_Full	23.50	/	/	26.50	/	/	<=30	Pass
		Inner_1RB_Left	23.50	/	/	26.50	/	/	<=30	Pass
		Inner_1RB_Right	23.58	/	/	26.58	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3460.02	Edge_1RB_Left	21.65	/	/	24.65	/	/	<=30	Pass
		Edge_1RB_Right	21.93	/	/	24.93	/	/	<=30	Pass
		Outer_Full	21.92	/	/	24.92	/	/	<=30	Pass
		Inner_Full	21.96	/	/	24.96	/	/	<=30	Pass
		Inner_1RB_Left	21.75	/	/	24.75	/	/	<=30	Pass
		Inner_1RB_Right	21.89	/	/	24.89	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.75	/	/	24.75	/	/	<=30	Pass
		Edge_1RB_Right	21.68	/	/	24.68	/	/	<=30	Pass
		Outer_Full	21.76	/	/	24.76	/	/	<=30	Pass
		Inner_Full	21.81	/	/	24.81	/	/	<=30	Pass
		Inner_1RB_Left	21.79	/	/	24.79	/	/	<=30	Pass
		Inner_1RB_Right	21.72	/	/	24.72	/	/	<=30	Pass
	3540	Edge_1RB_Left	21.35	/	/	24.35	/	/	<=30	Pass
		Edge_1RB_Right	21.48	/	/	24.48	/	/	<=30	Pass
		Outer_Full	21.46	/	/	24.46	/	/	<=30	Pass
		Inner_Full	21.63	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Left	21.40	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Right	21.53	/	/	24.53	/	/	<=30	Pass
CP-OFDM QPSK	3460.02	Edge_1RB_Left	22.80	/	/	25.80	/	/	<=30	Pass
		Edge_1RB_Right	23.05	/	/	26.05	/	/	<=30	Pass
		Outer_Full	23.35	/	/	26.35	/	/	<=30	Pass
		Inner_Full	24.99	/	/	27.99	/	/	<=30	Pass
		Inner_1RB_Left	24.78	/	/	27.78	/	/	<=30	Pass
		Inner_1RB_Right	24.86	/	/	27.86	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.82	/	/	25.82	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	25.77	/	/	<=30	Pass
		Outer_Full	23.26	/	/	26.26	/	/	<=30	Pass
		Inner_Full	24.84	/	/	27.84	/	/	<=30	Pass
		Inner_1RB_Left	24.75	/	/	27.75	/	/	<=30	Pass
		Inner_1RB_Right	24.72	/	/	27.72	/	/	<=30	Pass

	3540	Edge_1RB_Left	22.56	/	/	25.56	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	25.55	/	/	<=30	Pass
		Outer_Full	23.04	/	/	26.04	/	/	<=30	Pass
		Inner_Full	24.51	/	/	27.51	/	/	<=30	Pass
		Inner_1RB_Left	24.42	/	/	27.42	/	/	<=30	Pass
		Inner_1RB_Right	24.51	/	/	27.51	/	/	<=30	Pass
CP-OFDM 16 QAM	3460.02	Edge_1RB_Left	22.63	/	/	25.63	/	/	<=30	Pass
		Edge_1RB_Right	22.85	/	/	25.85	/	/	<=30	Pass
		Outer_Full	23.44	/	/	26.44	/	/	<=30	Pass
		Inner_Full	24.49	/	/	27.49	/	/	<=30	Pass
		Inner_1RB_Left	24.18	/	/	27.18	/	/	<=30	Pass
		Inner_1RB_Right	24.16	/	/	27.16	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.63	/	/	25.63	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	25.73	/	/	<=30	Pass
		Outer_Full	23.25	/	/	26.25	/	/	<=30	Pass
		Inner_Full	24.30	/	/	27.30	/	/	<=30	Pass
		Inner_1RB_Left	24.14	/	/	27.14	/	/	<=30	Pass
		Inner_1RB_Right	24.14	/	/	27.14	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.35	/	/	25.35	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	25.48	/	/	<=30	Pass
		Outer_Full	23.06	/	/	26.06	/	/	<=30	Pass
		Inner_Full	24.04	/	/	27.04	/	/	<=30	Pass
		Inner_1RB_Left	23.81	/	/	26.81	/	/	<=30	Pass
		Inner_1RB_Right	23.86	/	/	26.86	/	/	<=30	Pass
CP-OFDM 64 QAM	3460.02	Edge_1RB_Left	22.77	/	/	25.77	/	/	<=30	Pass
		Edge_1RB_Right	22.92	/	/	25.92	/	/	<=30	Pass
		Outer_Full	22.92	/	/	25.92	/	/	<=30	Pass
		Inner_Full	22.94	/	/	25.94	/	/	<=30	Pass
		Inner_1RB_Left	22.89	/	/	25.89	/	/	<=30	Pass
		Inner_1RB_Right	23.03	/	/	26.03	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.81	/	/	25.81	/	/	<=30	Pass
		Edge_1RB_Right	22.84	/	/	25.84	/	/	<=30	Pass
		Outer_Full	22.75	/	/	25.75	/	/	<=30	Pass
		Inner_Full	22.84	/	/	25.84	/	/	<=30	Pass
		Inner_1RB_Left	22.75	/	/	25.75	/	/	<=30	Pass
		Inner_1RB_Right	22.89	/	/	25.89	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.50	/	/	25.50	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	25.54	/	/	<=30	Pass
		Outer_Full	22.52	/	/	25.52	/	/	<=30	Pass
		Inner_Full	22.57	/	/	25.57	/	/	<=30	Pass
		Inner_1RB_Left	22.50	/	/	25.50	/	/	<=30	Pass
		Inner_1RB_Right	22.57	/	/	25.57	/	/	<=30	Pass
CP-OFDM 256 QAM	3460.02	Edge_1RB_Left	19.90	/	/	22.90	/	/	<=30	Pass
		Edge_1RB_Right	19.77	/	/	22.77	/	/	<=30	Pass
		Outer_Full	19.88	/	/	22.88	/	/	<=30	Pass
		Inner_Full	20.02	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Left	19.68	/	/	22.68	/	/	<=30	Pass
		Inner_1RB_Right	19.86	/	/	22.86	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.74	/	/	22.74	/	/	<=30	Pass
		Edge_1RB_Right	19.85	/	/	22.85	/	/	<=30	Pass
		Outer_Full	19.85	/	/	22.85	/	/	<=30	Pass
		Inner_Full	19.91	/	/	22.91	/	/	<=30	Pass
		Inner_1RB_Left	19.73	/	/	22.73	/	/	<=30	Pass
		Inner_1RB_Right	19.78	/	/	22.78	/	/	<=30	Pass
	3540	Edge_1RB_Left	19.49	/	/	22.49	/	/	<=30	Pass
		Edge_1RB_Right	19.58	/	/	22.58	/	/	<=30	Pass

		Outer_Full	19.53	/	/	22.53	/	/	<=30	Pass
		Inner_Full	19.57	/	/	22.57	/	/	<=30	Pass
		Inner_1RB_Left	19.49	/	/	22.49	/	/	<=30	Pass
		Inner_1RB_Right	19.56	/	/	22.56	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: 3.00dBi; Ant0: 3.00dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30_S_30M_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant0	Sum	Ant2	Ant0	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3465	Edge_1RB_Left	22.84	/	/	25.84	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	25.65	/	/	<=30	Pass
		Outer_Full	25.81	/	/	28.81	/	/	<=30	Pass
		Inner_Full	26.34	/	/	29.34	/	/	<=30	Pass
		Inner_1RB_Left	26.34	/	/	29.34	/	/	<=30	Pass
		Inner_1RB_Right	26.14	/	/	29.14	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.73	/	/	25.73	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	25.71	/	/	<=30	Pass
		Outer_Full	25.86	/	/	28.86	/	/	<=30	Pass
		Inner_Full	26.44	/	/	29.44	/	/	<=30	Pass
		Inner_1RB_Left	26.22	/	/	29.22	/	/	<=30	Pass
		Inner_1RB_Right	26.18	/	/	29.18	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.65	/	/	25.65	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	25.73	/	/	<=30	Pass
		Outer_Full	25.19	/	/	28.19	/	/	<=30	Pass
		Inner_Full	26.16	/	/	29.16	/	/	<=30	Pass
		Inner_1RB_Left	26.23	/	/	29.23	/	/	<=30	Pass
		Inner_1RB_Right	26.26	/	/	29.26	/	/	<=30	Pass
DFT-s-OFDM QPSK	3465	Edge_1RB_Left	22.77	/	/	25.77	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	25.61	/	/	<=30	Pass
		Outer_Full	25.35	/	/	28.35	/	/	<=30	Pass
		Inner_Full	26.38	/	/	29.38	/	/	<=30	Pass
		Inner_1RB_Left	26.35	/	/	29.35	/	/	<=30	Pass
		Inner_1RB_Right	26.18	/	/	29.18	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.70	/	/	25.70	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	25.68	/	/	<=30	Pass
		Outer_Full	25.37	/	/	28.37	/	/	<=30	Pass
		Inner_Full	26.44	/	/	29.44	/	/	<=30	Pass
		Inner_1RB_Left	26.24	/	/	29.24	/	/	<=30	Pass
		Inner_1RB_Right	26.20	/	/	29.20	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.62	/	/	25.62	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	25.61	/	/	<=30	Pass
		Outer_Full	25.16	/	/	28.16	/	/	<=30	Pass
		Inner_Full	26.12	/	/	29.12	/	/	<=30	Pass
		Inner_1RB_Left	26.05	/	/	29.05	/	/	<=30	Pass
		Inner_1RB_Right	26.20	/	/	29.20	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3465	Edge_1RB_Left	22.77	/	/	25.77	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	25.55	/	/	<=30	Pass
		Outer_Full	24.43	/	/	27.43	/	/	<=30	Pass
		Inner_Full	25.33	/	/	28.33	/	/	<=30	Pass
		Inner_1RB_Left	25.27	/	/	28.27	/	/	<=30	Pass
		Inner_1RB_Right	25.08	/	/	28.08	/	/	<=30	Pass

	3500.01	Edge_1RB_Left	22.67	/	/	25.67	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	25.65	/	/	<=30	Pass
		Outer_Full	24.39	/	/	27.39	/	/	<=30	Pass
		Inner_Full	25.38	/	/	28.38	/	/	<=30	Pass
		Inner_1RB_Left	25.05	/	/	28.05	/	/	<=30	Pass
		Inner_1RB_Right	25.03	/	/	28.03	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.64	/	/	25.64	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	25.62	/	/	<=30	Pass
		Outer_Full	24.22	/	/	27.22	/	/	<=30	Pass
		Inner_Full	25.15	/	/	28.15	/	/	<=30	Pass
		Inner_1RB_Left	25.08	/	/	28.08	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3465	Inner_1RB_Right	25.14	/	/	28.14	/	/	<=30	Pass
		Edge_1RB_Left	22.92	/	/	25.92	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	25.77	/	/	<=30	Pass
		Outer_Full	23.84	/	/	26.84	/	/	<=30	Pass
		Inner_Full	23.97	/	/	26.97	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	23.97	/	/	26.97	/	/	<=30	Pass
		Inner_1RB_Right	23.76	/	/	26.76	/	/	<=30	Pass
		Edge_1RB_Left	22.83	/	/	25.83	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	25.79	/	/	<=30	Pass
		Outer_Full	23.96	/	/	26.96	/	/	<=30	Pass
	3534.99	Inner_Full	23.95	/	/	26.95	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	26.77	/	/	<=30	Pass
		Inner_1RB_Right	23.76	/	/	26.76	/	/	<=30	Pass
		Edge_1RB_Left	22.72	/	/	25.72	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	25.77	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3465	Outer_Full	23.73	/	/	26.73	/	/	<=30	Pass
		Inner_Full	23.74	/	/	26.74	/	/	<=30	Pass
		Inner_1RB_Left	23.73	/	/	26.73	/	/	<=30	Pass
		Inner_1RB_Right	23.73	/	/	26.73	/	/	<=30	Pass
		Edge_1RB_Left	21.85	/	/	24.85	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	21.60	/	/	24.60	/	/	<=30	Pass
		Outer_Full	21.84	/	/	24.84	/	/	<=30	Pass
		Inner_Full	21.77	/	/	24.77	/	/	<=30	Pass
		Inner_1RB_Left	21.85	/	/	24.85	/	/	<=30	Pass
		Inner_1RB_Right	21.75	/	/	24.75	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	21.74	/	/	24.74	/	/	<=30	Pass
		Edge_1RB_Right	21.64	/	/	24.64	/	/	<=30	Pass
		Outer_Full	21.86	/	/	24.86	/	/	<=30	Pass
		Inner_Full	21.88	/	/	24.88	/	/	<=30	Pass
		Inner_1RB_Left	21.79	/	/	24.79	/	/	<=30	Pass
CP-OFDM QPSK	3465	Inner_1RB_Right	21.67	/	/	24.67	/	/	<=30	Pass
		Edge_1RB_Left	21.60	/	/	24.60	/	/	<=30	Pass
		Edge_1RB_Right	21.73	/	/	24.73	/	/	<=30	Pass
		Outer_Full	21.71	/	/	24.71	/	/	<=30	Pass
		Inner_Full	21.63	/	/	24.63	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	21.62	/	/	24.62	/	/	<=30	Pass
		Inner_1RB_Right	21.66	/	/	24.66	/	/	<=30	Pass
		Edge_1RB_Left	22.94	/	/	25.94	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	25.70	/	/	<=30	Pass
		Outer_Full	23.35	/	/	26.35	/	/	<=30	Pass

		Outer_Full	23.43	/	/	26.43	/	/	<=30	Pass	
		Inner_Full	24.95	/	/	27.95	/	/	<=30	Pass	
		Inner_1RB_Left	24.75	/	/	27.75	/	/	<=30	Pass	
		Inner_1RB_Right	24.78	/	/	27.78	/	/	<=30	Pass	
	3534.99	Edge_1RB_Left	22.68	/	/	25.68	/	/	<=30	Pass	
		Edge_1RB_Right	22.80	/	/	25.80	/	/	<=30	Pass	
		Outer_Full	23.21	/	/	26.21	/	/	<=30	Pass	
		Inner_Full	24.68	/	/	27.68	/	/	<=30	Pass	
		Inner_1RB_Left	24.70	/	/	27.70	/	/	<=30	Pass	
		Inner_1RB_Right	24.76	/	/	27.76	/	/	<=30	Pass	
CP-OFDM 16 QAM	3465	Edge_1RB_Left	22.83	/	/	25.83	/	/	<=30	Pass	
		Edge_1RB_Right	22.60	/	/	25.60	/	/	<=30	Pass	
		Outer_Full	23.37	/	/	26.37	/	/	<=30	Pass	
		Inner_Full	24.37	/	/	27.37	/	/	<=30	Pass	
		Inner_1RB_Left	24.30	/	/	27.30	/	/	<=30	Pass	
		Inner_1RB_Right	24.08	/	/	27.08	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	22.65	/	/	25.65	/	/	<=30	Pass	
		Edge_1RB_Right	22.66	/	/	25.66	/	/	<=30	Pass	
		Outer_Full	23.36	/	/	26.36	/	/	<=30	Pass	
		Inner_Full	24.39	/	/	27.39	/	/	<=30	Pass	
		Inner_1RB_Left	24.20	/	/	27.20	/	/	<=30	Pass	
		Inner_1RB_Right	24.02	/	/	27.02	/	/	<=30	Pass	
	3534.99	Edge_1RB_Left	22.56	/	/	25.56	/	/	<=30	Pass	
		Edge_1RB_Right	22.59	/	/	25.59	/	/	<=30	Pass	
		Outer_Full	23.20	/	/	26.20	/	/	<=30	Pass	
		Inner_Full	24.17	/	/	27.17	/	/	<=30	Pass	
		Inner_1RB_Left	23.97	/	/	26.97	/	/	<=30	Pass	
		Inner_1RB_Right	23.95	/	/	26.95	/	/	<=30	Pass	
	CP-OFDM 64 QAM	3465	Edge_1RB_Left	22.98	/	/	25.98	/	/	<=30	Pass
			Edge_1RB_Right	22.79	/	/	25.79	/	/	<=30	Pass
Outer_Full			22.89	/	/	25.89	/	/	<=30	Pass	
Inner_Full			22.85	/	/	25.85	/	/	<=30	Pass	
Inner_1RB_Left			23.01	/	/	26.01	/	/	<=30	Pass	
Inner_1RB_Right			22.76	/	/	25.76	/	/	<=30	Pass	
3500.01		Edge_1RB_Left	22.81	/	/	25.81	/	/	<=30	Pass	
		Edge_1RB_Right	22.78	/	/	25.78	/	/	<=30	Pass	
		Outer_Full	22.93	/	/	25.93	/	/	<=30	Pass	
		Inner_Full	22.97	/	/	25.97	/	/	<=30	Pass	
		Inner_1RB_Left	22.86	/	/	25.86	/	/	<=30	Pass	
		Inner_1RB_Right	22.84	/	/	25.84	/	/	<=30	Pass	
3534.99		Edge_1RB_Left	22.70	/	/	25.70	/	/	<=30	Pass	
		Edge_1RB_Right	22.81	/	/	25.81	/	/	<=30	Pass	
		Outer_Full	22.74	/	/	25.74	/	/	<=30	Pass	
		Inner_Full	22.70	/	/	25.70	/	/	<=30	Pass	
		Inner_1RB_Left	22.67	/	/	25.67	/	/	<=30	Pass	
		Inner_1RB_Right	22.79	/	/	25.79	/	/	<=30	Pass	
CP-OFDM 256 QAM	3465	Edge_1RB_Left	19.88	/	/	22.88	/	/	<=30	Pass	
		Edge_1RB_Right	19.70	/	/	22.70	/	/	<=30	Pass	
		Outer_Full	19.89	/	/	22.89	/	/	<=30	Pass	
		Inner_Full	19.95	/	/	22.95	/	/	<=30	Pass	
		Inner_1RB_Left	19.88	/	/	22.88	/	/	<=30	Pass	
		Inner_1RB_Right	19.73	/	/	22.73	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	19.74	/	/	22.74	/	/	<=30	Pass	
		Edge_1RB_Right	19.74	/	/	22.74	/	/	<=30	Pass	
		Outer_Full	19.95	/	/	22.95	/	/	<=30	Pass	
		Inner_Full	19.97	/	/	22.97	/	/	<=30	Pass	

		Inner_1RB_Left	19.79	/	/	22.79	/	/	<=30	Pass
		Inner_1RB_Right	19.78	/	/	22.78	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	19.70	/	/	22.70	/	/	<=30	Pass
		Edge_1RB_Right	19.74	/	/	22.74	/	/	<=30	Pass
		Outer_Full	19.65	/	/	22.65	/	/	<=30	Pass
		Inner_Full	19.75	/	/	22.75	/	/	<=30	Pass
		Inner_1RB_Left	19.62	/	/	22.62	/	/	<=30	Pass
		Inner_1RB_Right	19.69	/	/	22.69	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: 3.00dBi; Ant0: 3.00dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30_S_40M_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant0	Sum	Ant2	Ant0	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3470.01	Edge_1RB_Left	22.89	/	/	25.89	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	25.87	/	/	<=30	Pass
		Outer_Full	25.96	/	/	28.96	/	/	<=30	Pass
		Inner_Full	26.48	/	/	29.48	/	/	<=30	Pass
		Inner_1RB_Left	26.41	/	/	29.41	/	/	<=30	Pass
		Inner_1RB_Right	26.32	/	/	29.32	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.79	/	/	25.79	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	25.63	/	/	<=30	Pass
		Outer_Full	25.86	/	/	28.86	/	/	<=30	Pass
		Inner_Full	26.43	/	/	29.43	/	/	<=30	Pass
		Inner_1RB_Left	26.28	/	/	29.28	/	/	<=30	Pass
		Inner_1RB_Right	26.13	/	/	29.13	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.84	/	/	25.84	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	25.63	/	/	<=30	Pass
		Outer_Full	25.16	/	/	28.16	/	/	<=30	Pass
		Inner_Full	26.01	/	/	29.01	/	/	<=30	Pass
		Inner_1RB_Left	26.35	/	/	29.35	/	/	<=30	Pass
		Inner_1RB_Right	26.14	/	/	29.14	/	/	<=30	Pass
DFT-s-OFDM QPSK	3470.01	Edge_1RB_Left	22.92	/	/	25.92	/	/	<=30	Pass
		Edge_1RB_Right	22.84	/	/	25.84	/	/	<=30	Pass
		Outer_Full	25.43	/	/	28.43	/	/	<=30	Pass
		Inner_Full	26.48	/	/	29.48	/	/	<=30	Pass
		Inner_1RB_Left	26.40	/	/	29.40	/	/	<=30	Pass
		Inner_1RB_Right	26.28	/	/	29.28	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.71	/	/	25.71	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	25.57	/	/	<=30	Pass
		Outer_Full	25.34	/	/	28.34	/	/	<=30	Pass
		Inner_Full	26.41	/	/	29.41	/	/	<=30	Pass
		Inner_1RB_Left	26.20	/	/	29.20	/	/	<=30	Pass
		Inner_1RB_Right	26.09	/	/	29.09	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.84	/	/	25.84	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	25.61	/	/	<=30	Pass
		Outer_Full	25.09	/	/	28.09	/	/	<=30	Pass
		Inner_Full	26.03	/	/	29.03	/	/	<=30	Pass
		Inner_1RB_Left	26.29	/	/	29.29	/	/	<=30	Pass
		Inner_1RB_Right	26.09	/	/	29.09	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3470.01	Edge_1RB_Left	22.79	/	/	25.79	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	25.70	/	/	<=30	Pass

		Outer_Full	24.49	/	/	27.49	/	/	<=30	Pass
		Inner_Full	25.46	/	/	28.46	/	/	<=30	Pass
		Inner_1RB_Left	25.34	/	/	28.34	/	/	<=30	Pass
		Inner_1RB_Right	25.25	/	/	28.25	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.77	/	/	25.77	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	25.48	/	/	<=30	Pass
		Outer_Full	24.37	/	/	27.37	/	/	<=30	Pass
		Inner_Full	25.44	/	/	28.44	/	/	<=30	Pass
	3529.98	Inner_1RB_Left	25.05	/	/	28.05	/	/	<=30	Pass
		Inner_1RB_Right	25.02	/	/	28.02	/	/	<=30	Pass
		Edge_1RB_Left	22.75	/	/	25.75	/	/	<=30	Pass
		Edge_1RB_Right	22.49	/	/	25.49	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3470.01	Outer_Full	24.17	/	/	27.17	/	/	<=30	Pass
		Inner_Full	24.98	/	/	27.98	/	/	<=30	Pass
		Inner_1RB_Left	25.11	/	/	28.11	/	/	<=30	Pass
		Inner_1RB_Right	24.97	/	/	27.97	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.91	/	/	25.91	/	/	<=30	Pass
		Edge_1RB_Right	23.01	/	/	26.01	/	/	<=30	Pass
		Outer_Full	24.00	/	/	27.00	/	/	<=30	Pass
		Inner_Full	23.94	/	/	26.94	/	/	<=30	Pass
		Inner_1RB_Left	23.94	/	/	26.94	/	/	<=30	Pass
		Inner_1RB_Right	23.91	/	/	26.91	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.90	/	/	25.90	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	25.65	/	/	<=30	Pass
		Outer_Full	23.94	/	/	26.94	/	/	<=30	Pass
		Inner_Full	23.91	/	/	26.91	/	/	<=30	Pass
		Inner_1RB_Left	23.75	/	/	26.75	/	/	<=30	Pass
		Inner_1RB_Right	23.69	/	/	26.69	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3470.01	Edge_1RB_Left	22.81	/	/	25.81	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	25.60	/	/	<=30	Pass
		Outer_Full	23.71	/	/	26.71	/	/	<=30	Pass
		Inner_Full	23.54	/	/	26.54	/	/	<=30	Pass
		Inner_1RB_Left	23.82	/	/	26.82	/	/	<=30	Pass
		Inner_1RB_Right	23.63	/	/	26.63	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.93	/	/	24.93	/	/	<=30	Pass
		Edge_1RB_Right	21.91	/	/	24.91	/	/	<=30	Pass
		Outer_Full	21.98	/	/	24.98	/	/	<=30	Pass
		Inner_Full	21.90	/	/	24.90	/	/	<=30	Pass
		Inner_1RB_Left	21.92	/	/	24.92	/	/	<=30	Pass
		Inner_1RB_Right	21.86	/	/	24.86	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	21.79	/	/	24.79	/	/	<=30	Pass
		Edge_1RB_Right	21.62	/	/	24.62	/	/	<=30	Pass
		Outer_Full	21.89	/	/	24.89	/	/	<=30	Pass
		Inner_Full	21.90	/	/	24.90	/	/	<=30	Pass
		Inner_1RB_Left	21.74	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Right	21.68	/	/	24.68	/	/	<=30	Pass
CP-OFDM QPSK	3470.01	Edge_1RB_Left	21.84	/	/	24.84	/	/	<=30	Pass
		Edge_1RB_Right	21.53	/	/	24.53	/	/	<=30	Pass
		Outer_Full	21.71	/	/	24.71	/	/	<=30	Pass
		Inner_Full	21.53	/	/	24.53	/	/	<=30	Pass
		Inner_1RB_Left	21.78	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Right	21.69	/	/	24.69	/	/	<=30	Pass
	3470.01	Edge_1RB_Left	23.10	/	/	26.10	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	25.97	/	/	<=30	Pass
		Outer_Full	23.45	/	/	26.45	/	/	<=30	Pass
		Inner_Full	24.97	/	/	27.97	/	/	<=30	Pass

		Inner_1RB_Left	24.98	/	/	27.98	/	/	<=30	Pass
		Inner_1RB_Right	24.87	/	/	27.87	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.89	/	/	25.89	/	/	<=30	Pass
		Edge_1RB_Right	22.72	/	/	25.72	/	/	<=30	Pass
		Outer_Full	23.34	/	/	26.34	/	/	<=30	Pass
		Inner_Full	24.95	/	/	27.95	/	/	<=30	Pass
		Inner_1RB_Left	24.93	/	/	27.93	/	/	<=30	Pass
		Inner_1RB_Right	24.77	/	/	27.77	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.96	/	/	25.96	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	25.74	/	/	<=30	Pass
		Outer_Full	23.15	/	/	26.15	/	/	<=30	Pass
		Inner_Full	24.58	/	/	27.58	/	/	<=30	Pass
		Inner_1RB_Left	24.96	/	/	27.96	/	/	<=30	Pass
		Inner_1RB_Right	24.71	/	/	27.71	/	/	<=30	Pass
CP-OFDM 16 QAM	3470.01	Edge_1RB_Left	22.91	/	/	25.91	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	25.70	/	/	<=30	Pass
		Outer_Full	23.46	/	/	26.46	/	/	<=30	Pass
		Inner_Full	24.47	/	/	27.47	/	/	<=30	Pass
		Inner_1RB_Left	24.37	/	/	27.37	/	/	<=30	Pass
		Inner_1RB_Right	24.22	/	/	27.22	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.66	/	/	25.66	/	/	<=30	Pass
		Edge_1RB_Right	22.50	/	/	25.50	/	/	<=30	Pass
		Outer_Full	23.28	/	/	26.28	/	/	<=30	Pass
		Inner_Full	24.44	/	/	27.44	/	/	<=30	Pass
		Inner_1RB_Left	24.22	/	/	27.22	/	/	<=30	Pass
		Inner_1RB_Right	24.04	/	/	27.04	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.87	/	/	25.87	/	/	<=30	Pass
		Edge_1RB_Right	22.49	/	/	25.49	/	/	<=30	Pass
		Outer_Full	23.18	/	/	26.18	/	/	<=30	Pass
		Inner_Full	24.08	/	/	27.08	/	/	<=30	Pass
		Inner_1RB_Left	24.18	/	/	27.18	/	/	<=30	Pass
		Inner_1RB_Right	23.94	/	/	26.94	/	/	<=30	Pass
CP-OFDM 64 QAM	3470.01	Edge_1RB_Left	23.10	/	/	26.10	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	25.97	/	/	<=30	Pass
		Outer_Full	22.93	/	/	25.93	/	/	<=30	Pass
		Inner_Full	22.95	/	/	25.95	/	/	<=30	Pass
		Inner_1RB_Left	23.01	/	/	26.01	/	/	<=30	Pass
		Inner_1RB_Right	22.93	/	/	25.93	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.84	/	/	25.84	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	25.67	/	/	<=30	Pass
		Outer_Full	22.82	/	/	25.82	/	/	<=30	Pass
		Inner_Full	22.89	/	/	25.89	/	/	<=30	Pass
		Inner_1RB_Left	22.83	/	/	25.83	/	/	<=30	Pass
		Inner_1RB_Right	22.76	/	/	25.76	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.95	/	/	25.95	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	25.65	/	/	<=30	Pass
		Outer_Full	22.67	/	/	25.67	/	/	<=30	Pass
		Inner_Full	22.57	/	/	25.57	/	/	<=30	Pass
		Inner_1RB_Left	22.89	/	/	25.89	/	/	<=30	Pass
		Inner_1RB_Right	22.73	/	/	25.73	/	/	<=30	Pass
CP-OFDM 256 QAM	3470.01	Edge_1RB_Left	19.90	/	/	22.90	/	/	<=30	Pass
		Edge_1RB_Right	19.92	/	/	22.92	/	/	<=30	Pass
		Outer_Full	19.97	/	/	22.97	/	/	<=30	Pass
		Inner_Full	20.04	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Left	19.96	/	/	22.96	/	/	<=30	Pass
		Inner_1RB_Right	19.82	/	/	22.82	/	/	<=30	Pass

	3500.01	Edge_1RB_Left	19.87	/	/	22.87	/	/	<=30	Pass
		Edge_1RB_Right	19.65	/	/	22.65	/	/	<=30	Pass
		Outer_Full	19.86	/	/	22.86	/	/	<=30	Pass
		Inner_Full	19.95	/	/	22.95	/	/	<=30	Pass
		Inner_1RB_Left	19.89	/	/	22.89	/	/	<=30	Pass
		Inner_1RB_Right	19.61	/	/	22.61	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	19.98	/	/	22.98	/	/	<=30	Pass
		Edge_1RB_Right	19.59	/	/	22.59	/	/	<=30	Pass
		Outer_Full	19.61	/	/	22.61	/	/	<=30	Pass
		Inner_Full	19.59	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Left	19.94	/	/	22.94	/	/	<=30	Pass
		Inner_1RB_Right	19.82	/	/	22.82	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: 3.00dBi; Ant0: 3.00dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30_S_50M_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 50MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant0	Sum	Ant2	Ant0	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3475.02	Edge_1RB_Left	22.55	/	/	25.55	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	25.43	/	/	<=30	Pass
		Outer_Full	24.99	/	/	27.99	/	/	<=30	Pass
		Inner_Full	25.96	/	/	28.96	/	/	<=30	Pass
		Inner_1RB_Left	26.00	/	/	29.00	/	/	<=30	Pass
		Inner_1RB_Right	26.01	/	/	29.01	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.30	/	/	25.30	/	/	<=30	Pass
		Edge_1RB_Right	22.18	/	/	25.18	/	/	<=30	Pass
		Outer_Full	25.46	/	/	28.46	/	/	<=30	Pass
		Inner_Full	26.04	/	/	29.04	/	/	<=30	Pass
		Inner_1RB_Left	25.77	/	/	28.77	/	/	<=30	Pass
		Inner_1RB_Right	25.73	/	/	28.73	/	/	<=30	Pass
	3525	Edge_1RB_Left	22.46	/	/	25.46	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	25.25	/	/	<=30	Pass
		Outer_Full	25.33	/	/	28.33	/	/	<=30	Pass
		Inner_Full	25.80	/	/	28.80	/	/	<=30	Pass
		Inner_1RB_Left	26.01	/	/	29.01	/	/	<=30	Pass
		Inner_1RB_Right	25.74	/	/	28.74	/	/	<=30	Pass
DFT-s-OFDM QPSK	3475.02	Edge_1RB_Left	22.49	/	/	25.49	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	25.40	/	/	<=30	Pass
		Outer_Full	25.00	/	/	28.00	/	/	<=30	Pass
		Inner_Full	25.98	/	/	28.98	/	/	<=30	Pass
		Inner_1RB_Left	25.99	/	/	28.99	/	/	<=30	Pass
		Inner_1RB_Right	25.98	/	/	28.98	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.29	/	/	25.29	/	/	<=30	Pass
		Edge_1RB_Right	22.12	/	/	25.12	/	/	<=30	Pass
		Outer_Full	24.91	/	/	27.91	/	/	<=30	Pass
		Inner_Full	26.06	/	/	29.06	/	/	<=30	Pass
		Inner_1RB_Left	25.76	/	/	28.76	/	/	<=30	Pass
		Inner_1RB_Right	25.70	/	/	28.70	/	/	<=30	Pass
	3525	Edge_1RB_Left	22.42	/	/	25.42	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	25.15	/	/	<=30	Pass
		Outer_Full	24.78	/	/	27.78	/	/	<=30	Pass
		Inner_Full	25.68	/	/	28.68	/	/	<=30	Pass

DFT-s-OFDM 16 QAM	3475.02	Inner_1RB_Left	25.93	/	/	28.93	/	/	<=30	Pass
		Inner_1RB_Right	25.67	/	/	28.67	/	/	<=30	Pass
		Edge_1RB_Left	22.43	/	/	25.43	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	25.40	/	/	<=30	Pass
		Outer_Full	24.02	/	/	27.02	/	/	<=30	Pass
		Inner_Full	24.93	/	/	27.93	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	24.90	/	/	27.90	/	/	<=30	Pass
		Inner_1RB_Right	24.87	/	/	27.87	/	/	<=30	Pass
		Edge_1RB_Left	22.19	/	/	25.19	/	/	<=30	Pass
		Edge_1RB_Right	22.10	/	/	25.10	/	/	<=30	Pass
		Outer_Full	23.94	/	/	26.94	/	/	<=30	Pass
		Inner_Full	25.05	/	/	28.05	/	/	<=30	Pass
	3525	Inner_1RB_Left	24.67	/	/	27.67	/	/	<=30	Pass
		Inner_1RB_Right	24.46	/	/	27.46	/	/	<=30	Pass
		Edge_1RB_Left	22.38	/	/	25.38	/	/	<=30	Pass
		Edge_1RB_Right	22.08	/	/	25.08	/	/	<=30	Pass
		Outer_Full	23.76	/	/	26.76	/	/	<=30	Pass
		Inner_Full	24.68	/	/	27.68	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3475.02	Inner_1RB_Left	24.84	/	/	27.84	/	/	<=30	Pass
		Inner_1RB_Right	24.53	/	/	27.53	/	/	<=30	Pass
		Edge_1RB_Left	22.62	/	/	25.62	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	25.53	/	/	<=30	Pass
		Outer_Full	23.50	/	/	26.50	/	/	<=30	Pass
		Inner_Full	23.48	/	/	26.48	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	23.64	/	/	26.64	/	/	<=30	Pass
		Inner_1RB_Right	23.47	/	/	26.47	/	/	<=30	Pass
		Edge_1RB_Left	22.50	/	/	25.50	/	/	<=30	Pass
		Edge_1RB_Right	22.31	/	/	25.31	/	/	<=30	Pass
		Outer_Full	23.40	/	/	26.40	/	/	<=30	Pass
		Inner_Full	23.51	/	/	26.51	/	/	<=30	Pass
	3525	Inner_1RB_Left	23.34	/	/	26.34	/	/	<=30	Pass
		Inner_1RB_Right	23.25	/	/	26.25	/	/	<=30	Pass
		Edge_1RB_Left	22.66	/	/	25.66	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	25.26	/	/	<=30	Pass
		Outer_Full	23.28	/	/	26.28	/	/	<=30	Pass
		Inner_Full	23.22	/	/	26.22	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3475.02	Inner_1RB_Left	23.57	/	/	26.57	/	/	<=30	Pass
		Inner_1RB_Right	23.17	/	/	26.17	/	/	<=30	Pass
		Edge_1RB_Left	21.51	/	/	24.51	/	/	<=30	Pass
		Edge_1RB_Right	21.40	/	/	24.40	/	/	<=30	Pass
		Outer_Full	21.45	/	/	24.45	/	/	<=30	Pass
		Inner_Full	21.43	/	/	24.43	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	21.40	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Right	21.38	/	/	24.38	/	/	<=30	Pass
		Edge_1RB_Left	21.39	/	/	24.39	/	/	<=30	Pass
		Edge_1RB_Right	21.09	/	/	24.09	/	/	<=30	Pass
		Outer_Full	21.46	/	/	24.46	/	/	<=30	Pass
		Inner_Full	21.57	/	/	24.57	/	/	<=30	Pass
	3525	Inner_1RB_Left	21.34	/	/	24.34	/	/	<=30	Pass
		Inner_1RB_Right	21.20	/	/	24.20	/	/	<=30	Pass
		Edge_1RB_Left	21.47	/	/	24.47	/	/	<=30	Pass
		Edge_1RB_Right	21.14	/	/	24.14	/	/	<=30	Pass
		Outer_Full	21.27	/	/	24.27	/	/	<=30	Pass
		Inner_Full	21.18	/	/	24.18	/	/	<=30	Pass
		Inner_1RB_Left	21.47	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Right	21.19	/	/	24.19	/	/	<=30	Pass

CP-OFDM QPSK	3475.02	Edge_1RB_Left	22.59	/	/	25.59	/	/	<=30	Pass
		Edge_1RB_Right	22.50	/	/	25.50	/	/	<=30	Pass
		Outer_Full	23.00	/	/	26.00	/	/	<=30	Pass
		Inner_Full	24.52	/	/	27.52	/	/	<=30	Pass
		Inner_1RB_Left	24.50	/	/	27.50	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	24.48	/	/	27.48	/	/	<=30	Pass
		Edge_1RB_Left	22.49	/	/	25.49	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	25.43	/	/	<=30	Pass
		Outer_Full	22.95	/	/	25.95	/	/	<=30	Pass
		Inner_Full	24.53	/	/	27.53	/	/	<=30	Pass
	3525	Inner_1RB_Left	24.43	/	/	27.43	/	/	<=30	Pass
		Inner_1RB_Right	24.30	/	/	27.30	/	/	<=30	Pass
		Edge_1RB_Left	22.73	/	/	25.73	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	25.27	/	/	<=30	Pass
		Outer_Full	22.77	/	/	25.77	/	/	<=30	Pass
CP-OFDM 16 QAM	3475.02	Inner_Full	24.20	/	/	27.20	/	/	<=30	Pass
		Inner_1RB_Left	24.55	/	/	27.55	/	/	<=30	Pass
		Inner_1RB_Right	24.23	/	/	27.23	/	/	<=30	Pass
		Edge_1RB_Left	22.66	/	/	25.66	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	25.42	/	/	<=30	Pass
	3500.01	Outer_Full	22.95	/	/	25.95	/	/	<=30	Pass
		Inner_Full	23.94	/	/	26.94	/	/	<=30	Pass
		Inner_1RB_Left	23.92	/	/	26.92	/	/	<=30	Pass
		Inner_1RB_Right	23.94	/	/	26.94	/	/	<=30	Pass
		Edge_1RB_Left	22.25	/	/	25.25	/	/	<=30	Pass
	3525	Edge_1RB_Right	22.04	/	/	25.04	/	/	<=30	Pass
		Outer_Full	22.98	/	/	25.98	/	/	<=30	Pass
		Inner_Full	24.09	/	/	27.09	/	/	<=30	Pass
		Inner_1RB_Left	23.73	/	/	26.73	/	/	<=30	Pass
		Inner_1RB_Right	23.47	/	/	26.47	/	/	<=30	Pass
CP-OFDM 64 QAM	3475.02	Edge_1RB_Left	22.39	/	/	25.39	/	/	<=30	Pass
		Edge_1RB_Right	22.13	/	/	25.13	/	/	<=30	Pass
		Outer_Full	22.74	/	/	25.74	/	/	<=30	Pass
		Inner_Full	23.72	/	/	26.72	/	/	<=30	Pass
		Inner_1RB_Left	23.96	/	/	26.96	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	23.50	/	/	26.50	/	/	<=30	Pass
		Edge_1RB_Left	22.55	/	/	25.55	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	25.56	/	/	<=30	Pass
		Outer_Full	22.55	/	/	25.55	/	/	<=30	Pass
		Inner_Full	22.50	/	/	25.50	/	/	<=30	Pass
	3525	Inner_1RB_Left	22.54	/	/	25.54	/	/	<=30	Pass
		Inner_1RB_Right	22.56	/	/	25.56	/	/	<=30	Pass
		Edge_1RB_Left	22.47	/	/	25.47	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	25.42	/	/	<=30	Pass
		Outer_Full	22.45	/	/	25.45	/	/	<=30	Pass
CP-OFDM 256 QAM	3475.02	Inner_Full	22.56	/	/	25.56	/	/	<=30	Pass
		Inner_1RB_Left	22.37	/	/	25.37	/	/	<=30	Pass
		Inner_1RB_Right	22.28	/	/	25.28	/	/	<=30	Pass
		Edge_1RB_Left	22.61	/	/	25.61	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	25.32	/	/	<=30	Pass
	3500.01	Outer_Full	22.30	/	/	25.30	/	/	<=30	Pass
		Inner_Full	22.20	/	/	25.20	/	/	<=30	Pass
		Inner_1RB_Left	22.64	/	/	25.64	/	/	<=30	Pass
		Inner_1RB_Right	22.43	/	/	25.43	/	/	<=30	Pass
	3525	Edge_1RB_Left	19.61	/	/	22.61	/	/	<=30	Pass
		Edge_1RB_Right	19.47	/	/	22.47	/	/	<=30	Pass

		Outer_Full	19.60	/	/	22.60	/	/	<=30	Pass
		Inner_Full	19.51	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Left	19.50	/	/	22.50	/	/	<=30	Pass
		Inner_1RB_Right	19.53	/	/	22.53	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.20	/	/	22.20	/	/	<=30	Pass
		Edge_1RB_Right	19.19	/	/	22.19	/	/	<=30	Pass
		Outer_Full	19.47	/	/	22.47	/	/	<=30	Pass
		Inner_Full	19.54	/	/	22.54	/	/	<=30	Pass
	3525	Inner_1RB_Left	19.35	/	/	22.35	/	/	<=30	Pass
		Inner_1RB_Right	19.19	/	/	22.19	/	/	<=30	Pass
		Edge_1RB_Left	19.62	/	/	22.62	/	/	<=30	Pass
		Edge_1RB_Right	19.32	/	/	22.32	/	/	<=30	Pass
		Outer_Full	19.27	/	/	22.27	/	/	<=30	Pass
		Inner_Full	19.22	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Left	19.60	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Right	19.19	/	/	22.19	/	/	<=30	Pass

Note1: Antenna Gain: Ant2: 3.00dBi; Ant0: 3.00dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.5 30_S_60M_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant0	Sum	Ant2	Ant0	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3480	Edge_1RB_Left	22.51	/	/	25.51	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	25.44	/	/	<=30	Pass
		Outer_Full	25.58	/	/	28.58	/	/	<=30	Pass
		Inner_Full	26.02	/	/	29.02	/	/	<=30	Pass
		Inner_1RB_Left	26.02	/	/	29.02	/	/	<=30	Pass
		Inner_1RB_Right	25.94	/	/	28.94	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.47	/	/	25.47	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	25.17	/	/	<=30	Pass
		Outer_Full	25.42	/	/	28.42	/	/	<=30	Pass
		Inner_Full	26.01	/	/	29.01	/	/	<=30	Pass
		Inner_1RB_Left	25.89	/	/	28.89	/	/	<=30	Pass
		Inner_1RB_Right	25.62	/	/	28.62	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.52	/	/	25.52	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	25.37	/	/	<=30	Pass
		Outer_Full	24.90	/	/	27.90	/	/	<=30	Pass
		Inner_Full	15.35	/	/	18.35	/	/	<=30	Pass
		Inner_1RB_Left	25.90	/	/	28.90	/	/	<=30	Pass
		Inner_1RB_Right	25.77	/	/	28.77	/	/	<=30	Pass
DFT-s-OFDM QPSK	3480	Edge_1RB_Left	22.51	/	/	25.51	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	25.40	/	/	<=30	Pass
		Outer_Full	25.06	/	/	28.06	/	/	<=30	Pass
		Inner_Full	25.98	/	/	28.98	/	/	<=30	Pass
		Inner_1RB_Left	26.02	/	/	29.02	/	/	<=30	Pass
		Inner_1RB_Right	25.96	/	/	28.96	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.43	/	/	25.43	/	/	<=30	Pass
		Edge_1RB_Right	22.16	/	/	25.16	/	/	<=30	Pass
		Outer_Full	24.95	/	/	27.95	/	/	<=30	Pass
		Inner_Full	25.98	/	/	28.98	/	/	<=30	Pass
		Inner_1RB_Left	25.94	/	/	28.94	/	/	<=30	Pass
		Inner_1RB_Right	25.67	/	/	28.67	/	/	<=30	Pass

	3519.99	Edge_1RB_Left	22.41	/	/	25.41	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	25.25	/	/	<=30	Pass
		Outer_Full	24.86	/	/	27.86	/	/	<=30	Pass
		Inner_Full	25.83	/	/	28.83	/	/	<=30	Pass
		Inner_1RB_Left	25.92	/	/	28.92	/	/	<=30	Pass
		Inner_1RB_Right	25.74	/	/	28.74	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3480	Edge_1RB_Left	22.50	/	/	25.50	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	25.37	/	/	<=30	Pass
		Outer_Full	24.09	/	/	27.09	/	/	<=30	Pass
		Inner_Full	24.95	/	/	27.95	/	/	<=30	Pass
		Inner_1RB_Left	24.87	/	/	27.87	/	/	<=30	Pass
		Inner_1RB_Right	24.77	/	/	27.77	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.41	/	/	25.41	/	/	<=30	Pass
		Edge_1RB_Right	22.06	/	/	25.06	/	/	<=30	Pass
		Outer_Full	23.92	/	/	26.92	/	/	<=30	Pass
		Inner_Full	24.95	/	/	27.95	/	/	<=30	Pass
		Inner_1RB_Left	24.73	/	/	27.73	/	/	<=30	Pass
		Inner_1RB_Right	24.47	/	/	27.47	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.39	/	/	25.39	/	/	<=30	Pass
		Edge_1RB_Right	22.20	/	/	25.20	/	/	<=30	Pass
		Outer_Full	23.87	/	/	26.87	/	/	<=30	Pass
		Inner_Full	24.83	/	/	27.83	/	/	<=30	Pass
		Inner_1RB_Left	24.81	/	/	27.81	/	/	<=30	Pass
		Inner_1RB_Right	24.66	/	/	27.66	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3480	Edge_1RB_Left	22.64	/	/	25.64	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	25.52	/	/	<=30	Pass
		Outer_Full	23.57	/	/	26.57	/	/	<=30	Pass
		Inner_Full	23.55	/	/	26.55	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	26.52	/	/	<=30	Pass
		Inner_1RB_Right	23.47	/	/	26.47	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.58	/	/	25.58	/	/	<=30	Pass
		Edge_1RB_Right	22.31	/	/	25.31	/	/	<=30	Pass
		Outer_Full	23.39	/	/	26.39	/	/	<=30	Pass
		Inner_Full	23.56	/	/	26.56	/	/	<=30	Pass
		Inner_1RB_Left	23.47	/	/	26.47	/	/	<=30	Pass
		Inner_1RB_Right	23.23	/	/	26.23	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.56	/	/	25.56	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	25.42	/	/	<=30	Pass
		Outer_Full	23.42	/	/	26.42	/	/	<=30	Pass
		Inner_Full	23.37	/	/	26.37	/	/	<=30	Pass
		Inner_1RB_Left	23.55	/	/	26.55	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	26.32	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3480	Edge_1RB_Left	21.50	/	/	24.50	/	/	<=30	Pass
		Edge_1RB_Right	21.42	/	/	24.42	/	/	<=30	Pass
		Outer_Full	21.58	/	/	24.58	/	/	<=30	Pass
		Inner_Full	21.45	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Left	21.54	/	/	24.54	/	/	<=30	Pass
		Inner_1RB_Right	21.43	/	/	24.43	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.53	/	/	24.53	/	/	<=30	Pass
		Edge_1RB_Right	21.10	/	/	24.10	/	/	<=30	Pass
		Outer_Full	21.50	/	/	24.50	/	/	<=30	Pass
		Inner_Full	21.47	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Left	21.49	/	/	24.49	/	/	<=30	Pass
		Inner_1RB_Right	21.11	/	/	24.11	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	21.47	/	/	24.47	/	/	<=30	Pass
		Edge_1RB_Right	21.26	/	/	24.26	/	/	<=30	Pass

CP-OFDM QPSK		Outer_Full	21.45	/	/	24.45	/	/	<=30	Pass
		Inner_Full	21.27	/	/	24.27	/	/	<=30	Pass
		Inner_1RB_Left	21.42	/	/	24.42	/	/	<=30	Pass
		Inner_1RB_Right	21.26	/	/	24.26	/	/	<=30	Pass
	3480	Edge_1RB_Left	22.58	/	/	25.58	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	25.35	/	/	<=30	Pass
		Outer_Full	23.09	/	/	26.09	/	/	<=30	Pass
		Inner_Full	24.50	/	/	27.50	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	24.48	/	/	27.48	/	/	<=30	Pass
		Inner_1RB_Right	24.42	/	/	27.42	/	/	<=30	Pass
		Edge_1RB_Left	22.65	/	/	25.65	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	25.25	/	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	22.98	/	/	25.98	/	/	<=30	Pass
		Inner_Full	24.47	/	/	27.47	/	/	<=30	Pass
		Inner_1RB_Left	24.49	/	/	27.49	/	/	<=30	Pass
		Inner_1RB_Right	24.20	/	/	27.20	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.60	/	/	25.60	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	25.37	/	/	<=30	Pass
		Outer_Full	22.94	/	/	25.94	/	/	<=30	Pass
		Inner_Full	24.29	/	/	27.29	/	/	<=30	Pass
	3480	Inner_1RB_Left	24.42	/	/	27.42	/	/	<=30	Pass
		Inner_1RB_Right	24.23	/	/	27.23	/	/	<=30	Pass
		Edge_1RB_Left	22.50	/	/	25.50	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	25.36	/	/	<=30	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	23.02	/	/	26.02	/	/	<=30	Pass
		Inner_Full	23.98	/	/	26.98	/	/	<=30	Pass
		Inner_1RB_Left	23.95	/	/	26.95	/	/	<=30	Pass
		Inner_1RB_Right	23.76	/	/	26.76	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.47	/	/	25.47	/	/	<=30	Pass
		Edge_1RB_Right	22.12	/	/	25.12	/	/	<=30	Pass
		Outer_Full	22.95	/	/	25.95	/	/	<=30	Pass
		Inner_Full	23.95	/	/	26.95	/	/	<=30	Pass
	3480	Inner_1RB_Left	23.82	/	/	26.82	/	/	<=30	Pass
		Inner_1RB_Right	23.68	/	/	26.68	/	/	<=30	Pass
		Edge_1RB_Left	22.58	/	/	25.58	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	25.23	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	22.80	/	/	25.80	/	/	<=30	Pass
		Inner_Full	23.86	/	/	26.86	/	/	<=30	Pass
		Inner_1RB_Left	23.92	/	/	26.92	/	/	<=30	Pass
		Inner_1RB_Right	23.59	/	/	26.59	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.65	/	/	25.65	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	25.61	/	/	<=30	Pass
		Outer_Full	22.63	/	/	25.63	/	/	<=30	Pass
		Inner_Full	22.55	/	/	25.55	/	/	<=30	Pass
	3480	Inner_1RB_Left	22.80	/	/	25.80	/	/	<=30	Pass
		Inner_1RB_Right	22.66	/	/	25.66	/	/	<=30	Pass
		Edge_1RB_Left	22.60	/	/	25.60	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	25.23	/	/	<=30	Pass
CP-OFDM 1024 QAM	3500.01	Outer_Full	22.41	/	/	25.41	/	/	<=30	Pass
		Inner_Full	22.58	/	/	25.58	/	/	<=30	Pass
		Inner_1RB_Left	22.65	/	/	25.65	/	/	<=30	Pass
		Inner_1RB_Right	22.25	/	/	25.25	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.62	/	/	25.62	/	/	<=30	Pass
		Edge_1RB_Right	22.29	/	/	25.29	/	/	<=30	Pass
		Outer_Full	22.42	/	/	25.42	/	/	<=30	Pass
		Inner_Full	22.36	/	/	25.36	/	/	<=30	Pass

		Inner_1RB_Left	22.72	/	/	25.72	/	/	<=30	Pass
		Inner_1RB_Right	22.36	/	/	25.36	/	/	<=30	Pass
CP-OFDM 256 QAM	3480	Edge_1RB_Left	19.64	/	/	22.64	/	/	<=30	Pass
		Edge_1RB_Right	19.41	/	/	22.41	/	/	<=30	Pass
		Outer_Full	19.60	/	/	22.60	/	/	<=30	Pass
		Inner_Full	19.51	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Left	19.63	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Right	19.48	/	/	22.48	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.57	/	/	22.57	/	/	<=30	Pass
		Edge_1RB_Right	19.23	/	/	22.23	/	/	<=30	Pass
		Outer_Full	19.50	/	/	22.50	/	/	<=30	Pass
		Inner_Full	19.60	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Left	19.40	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Right	19.21	/	/	22.21	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	19.42	/	/	22.42	/	/	<=30	Pass
		Edge_1RB_Right	19.34	/	/	22.34	/	/	<=30	Pass
		Outer_Full	19.42	/	/	22.42	/	/	<=30	Pass
		Inner_Full	19.32	/	/	22.32	/	/	<=30	Pass
Inner_1RB_Left		19.54	/	/	22.54	/	/	<=30	Pass	
		Inner_1RB_Right	19.36	/	/	22.36	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: 3.00dBi; Ant0: 3.00dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30_S_70M_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 70MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant0	Sum	Ant2	Ant0	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3485.01	Edge_1RB_Left	22.48	/	/	25.48	/	/	<=30	Pass
		Edge_1RB_Right	22.05	/	/	25.05	/	/	<=30	Pass
		Outer_Full	25.43	/	/	28.43	/	/	<=30	Pass
		Inner_Full	25.90	/	/	28.90	/	/	<=30	Pass
		Inner_1RB_Left	26.00	/	/	29.00	/	/	<=30	Pass
		Inner_1RB_Right	25.53	/	/	28.53	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.49	/	/	25.49	/	/	<=30	Pass
		Edge_1RB_Right	22.10	/	/	25.10	/	/	<=30	Pass
		Outer_Full	25.34	/	/	28.34	/	/	<=30	Pass
		Inner_Full	25.91	/	/	28.91	/	/	<=30	Pass
		Inner_1RB_Left	25.98	/	/	28.98	/	/	<=30	Pass
		Inner_1RB_Right	25.63	/	/	28.63	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	22.26	/	/	25.26	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	25.27	/	/	<=30	Pass
		Outer_Full	25.44	/	/	28.44	/	/	<=30	Pass
		Inner_Full	25.91	/	/	28.91	/	/	<=30	Pass
		Inner_1RB_Left	25.76	/	/	28.76	/	/	<=30	Pass
		Inner_1RB_Right	25.78	/	/	28.78	/	/	<=30	Pass
DFT-s-OFDM QPSK	3485.01	Edge_1RB_Left	22.43	/	/	25.43	/	/	<=30	Pass
		Edge_1RB_Right	22.01	/	/	25.01	/	/	<=30	Pass
		Outer_Full	24.88	/	/	27.88	/	/	<=30	Pass
		Inner_Full	25.84	/	/	28.84	/	/	<=30	Pass
		Inner_1RB_Left	25.96	/	/	28.96	/	/	<=30	Pass
		Inner_1RB_Right	25.52	/	/	28.52	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.47	/	/	25.47	/	/	<=30	Pass
		Edge_1RB_Right	22.08	/	/	25.08	/	/	<=30	Pass

		Outer_Full	24.79	/	/	27.79	/	/	<=30	Pass
		Inner_Full	25.91	/	/	28.91	/	/	<=30	Pass
		Inner_1RB_Left	25.97	/	/	28.97	/	/	<=30	Pass
		Inner_1RB_Right	25.64	/	/	28.64	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	22.26	/	/	25.26	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	25.19	/	/	<=30	Pass
		Outer_Full	24.88	/	/	27.88	/	/	<=30	Pass
		Inner_Full	25.90	/	/	28.90	/	/	<=30	Pass
		Inner_1RB_Left	25.78	/	/	28.78	/	/	<=30	Pass
		Inner_1RB_Right	25.73	/	/	28.73	/	/	<=30	Pass
		Edge_1RB_Left	22.38	/	/	25.38	/	/	<=30	Pass
		Edge_1RB_Right	21.91	/	/	24.91	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3485.01	Outer_Full	23.95	/	/	26.95	/	/	<=30	Pass
		Inner_Full	24.86	/	/	27.86	/	/	<=30	Pass
		Inner_1RB_Left	24.83	/	/	27.83	/	/	<=30	Pass
		Inner_1RB_Right	24.27	/	/	27.27	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.38	/	/	25.38	/	/	<=30	Pass
		Edge_1RB_Right	22.08	/	/	25.08	/	/	<=30	Pass
		Outer_Full	23.84	/	/	26.84	/	/	<=30	Pass
		Inner_Full	24.90	/	/	27.90	/	/	<=30	Pass
		Inner_1RB_Left	24.91	/	/	27.91	/	/	<=30	Pass
		Inner_1RB_Right	24.58	/	/	27.58	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	22.22	/	/	25.22	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	25.15	/	/	<=30	Pass
		Outer_Full	23.86	/	/	26.86	/	/	<=30	Pass
		Inner_Full	24.84	/	/	27.84	/	/	<=30	Pass
		Inner_1RB_Left	24.58	/	/	27.58	/	/	<=30	Pass
		Inner_1RB_Right	24.57	/	/	27.57	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3485.01	Edge_1RB_Left	22.61	/	/	25.61	/	/	<=30	Pass
		Edge_1RB_Right	22.10	/	/	25.10	/	/	<=30	Pass
		Outer_Full	23.46	/	/	26.46	/	/	<=30	Pass
		Inner_Full	23.36	/	/	26.36	/	/	<=30	Pass
		Inner_1RB_Left	23.49	/	/	26.49	/	/	<=30	Pass
		Inner_1RB_Right	23.05	/	/	26.05	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.69	/	/	25.69	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	25.38	/	/	<=30	Pass
		Outer_Full	23.37	/	/	26.37	/	/	<=30	Pass
		Inner_Full	23.46	/	/	26.46	/	/	<=30	Pass
		Inner_1RB_Left	23.58	/	/	26.58	/	/	<=30	Pass
		Inner_1RB_Right	23.29	/	/	26.29	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	22.37	/	/	25.37	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	25.36	/	/	<=30	Pass
		Outer_Full	23.39	/	/	26.39	/	/	<=30	Pass
		Inner_Full	23.41	/	/	26.41	/	/	<=30	Pass
		Inner_1RB_Left	23.29	/	/	26.29	/	/	<=30	Pass
		Inner_1RB_Right	23.35	/	/	26.35	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3485.01	Edge_1RB_Left	21.44	/	/	24.44	/	/	<=30	Pass
		Edge_1RB_Right	20.98	/	/	23.98	/	/	<=30	Pass
		Outer_Full	21.50	/	/	24.50	/	/	<=30	Pass
		Inner_Full	21.39	/	/	24.39	/	/	<=30	Pass
		Inner_1RB_Left	21.58	/	/	24.58	/	/	<=30	Pass
		Inner_1RB_Right	21.02	/	/	24.02	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.44	/	/	24.44	/	/	<=30	Pass
		Edge_1RB_Right	21.06	/	/	24.06	/	/	<=30	Pass
		Outer_Full	21.33	/	/	24.33	/	/	<=30	Pass
		Inner_Full	21.50	/	/	24.50	/	/	<=30	Pass

	3514.98	Inner_1RB_Left	21.47	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Right	21.13	/	/	24.13	/	/	<=30	Pass
		Edge_1RB_Left	21.22	/	/	24.22	/	/	<=30	Pass
		Edge_1RB_Right	21.33	/	/	24.33	/	/	<=30	Pass
		Outer_Full	21.42	/	/	24.42	/	/	<=30	Pass
		Inner_Full	21.35	/	/	24.35	/	/	<=30	Pass
		Inner_1RB_Left	21.33	/	/	24.33	/	/	<=30	Pass
		Inner_1RB_Right	21.26	/	/	24.26	/	/	<=30	Pass
CP-OFDM QPSK	3485.01	Edge_1RB_Left	22.58	/	/	25.58	/	/	<=30	Pass
		Edge_1RB_Right	22.14	/	/	25.14	/	/	<=30	Pass
		Outer_Full	22.94	/	/	25.94	/	/	<=30	Pass
		Inner_Full	24.43	/	/	27.43	/	/	<=30	Pass
		Inner_1RB_Left	24.72	/	/	27.72	/	/	<=30	Pass
		Inner_1RB_Right	24.05	/	/	27.05	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.58	/	/	25.58	/	/	<=30	Pass
		Edge_1RB_Right	22.14	/	/	25.14	/	/	<=30	Pass
		Outer_Full	22.83	/	/	25.83	/	/	<=30	Pass
		Inner_Full	24.42	/	/	27.42	/	/	<=30	Pass
		Inner_1RB_Left	24.58	/	/	27.58	/	/	<=30	Pass
		Inner_1RB_Right	24.20	/	/	27.20	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	22.44	/	/	25.44	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	25.28	/	/	<=30	Pass
		Outer_Full	22.86	/	/	25.86	/	/	<=30	Pass
		Inner_Full	24.38	/	/	27.38	/	/	<=30	Pass
		Inner_1RB_Left	24.31	/	/	27.31	/	/	<=30	Pass
		Inner_1RB_Right	24.35	/	/	27.35	/	/	<=30	Pass
CP-OFDM 16 QAM	3485.01	Edge_1RB_Left	22.42	/	/	25.42	/	/	<=30	Pass
		Edge_1RB_Right	21.91	/	/	24.91	/	/	<=30	Pass
		Outer_Full	22.95	/	/	25.95	/	/	<=30	Pass
		Inner_Full	23.88	/	/	26.88	/	/	<=30	Pass
		Inner_1RB_Left	23.92	/	/	26.92	/	/	<=30	Pass
		Inner_1RB_Right	23.42	/	/	26.42	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.52	/	/	25.52	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	25.19	/	/	<=30	Pass
		Outer_Full	22.79	/	/	25.79	/	/	<=30	Pass
		Inner_Full	23.90	/	/	26.90	/	/	<=30	Pass
		Inner_1RB_Left	23.90	/	/	26.90	/	/	<=30	Pass
		Inner_1RB_Right	23.54	/	/	26.54	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	22.22	/	/	25.22	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	25.19	/	/	<=30	Pass
		Outer_Full	22.88	/	/	25.88	/	/	<=30	Pass
		Inner_Full	23.92	/	/	26.92	/	/	<=30	Pass
		Inner_1RB_Left	23.70	/	/	26.70	/	/	<=30	Pass
		Inner_1RB_Right	23.71	/	/	26.71	/	/	<=30	Pass
CP-OFDM 64 QAM	3485.01	Edge_1RB_Left	22.56	/	/	25.56	/	/	<=30	Pass
		Edge_1RB_Right	22.09	/	/	25.09	/	/	<=30	Pass
		Outer_Full	22.41	/	/	25.41	/	/	<=30	Pass
		Inner_Full	22.44	/	/	25.44	/	/	<=30	Pass
		Inner_1RB_Left	22.60	/	/	25.60	/	/	<=30	Pass
		Inner_1RB_Right	22.20	/	/	25.20	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.68	/	/	25.68	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	25.37	/	/	<=30	Pass
		Outer_Full	22.39	/	/	25.39	/	/	<=30	Pass
		Inner_Full	22.44	/	/	25.44	/	/	<=30	Pass
		Inner_1RB_Left	22.62	/	/	25.62	/	/	<=30	Pass
		Inner_1RB_Right	22.30	/	/	25.30	/	/	<=30	Pass

	3514.98	Edge_1RB_Left	22.39	/	/	25.39	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	25.35	/	/	<=30	Pass
		Outer_Full	22.37	/	/	25.37	/	/	<=30	Pass
		Inner_Full	22.41	/	/	25.41	/	/	<=30	Pass
		Inner_1RB_Left	22.40	/	/	25.40	/	/	<=30	Pass
		Inner_1RB_Right	22.51	/	/	25.51	/	/	<=30	Pass
CP-OFDM 256 QAM	3485.01	Edge_1RB_Left	19.57	/	/	22.57	/	/	<=30	Pass
		Edge_1RB_Right	19.14	/	/	22.14	/	/	<=30	Pass
		Outer_Full	19.47	/	/	22.47	/	/	<=30	Pass
		Inner_Full	19.45	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Left	19.54	/	/	22.54	/	/	<=30	Pass
		Inner_1RB_Right	19.08	/	/	22.08	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.48	/	/	22.48	/	/	<=30	Pass
		Edge_1RB_Right	19.13	/	/	22.13	/	/	<=30	Pass
		Outer_Full	19.35	/	/	22.35	/	/	<=30	Pass
		Inner_Full	19.50	/	/	22.50	/	/	<=30	Pass
		Inner_1RB_Left	19.60	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Right	19.17	/	/	22.17	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	19.32	/	/	22.32	/	/	<=30	Pass
		Edge_1RB_Right	19.31	/	/	22.31	/	/	<=30	Pass
		Outer_Full	19.41	/	/	22.41	/	/	<=30	Pass
		Inner_Full	19.44	/	/	22.44	/	/	<=30	Pass
		Inner_1RB_Left	19.44	/	/	22.44	/	/	<=30	Pass
			Inner_1RB_Right	19.27	/	/	22.27	/	/	<=30
Note1: Antenna Gain: Ant2: 3.00dBi; Ant0: 3.00dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 30_S_80M_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant0	Sum	Ant2	Ant0	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3490.02	Edge_1RB_Left	22.44	/	/	25.44	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	25.15	/	/	<=30	Pass
		Outer_Full	25.42	/	/	28.42	/	/	<=30	Pass
		Inner_Full	25.98	/	/	28.98	/	/	<=30	Pass
		Inner_1RB_Left	25.95	/	/	28.95	/	/	<=30	Pass
		Inner_1RB_Right	25.65	/	/	28.65	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.54	/	/	25.54	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	25.15	/	/	<=30	Pass
		Outer_Full	25.36	/	/	28.36	/	/	<=30	Pass
		Inner_Full	25.95	/	/	28.95	/	/	<=30	Pass
		Inner_1RB_Left	26.03	/	/	29.03	/	/	<=30	Pass
		Inner_1RB_Right	25.73	/	/	28.73	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.44	/	/	25.44	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	25.22	/	/	<=30	Pass
		Outer_Full	24.77	/	/	27.77	/	/	<=30	Pass
		Inner_Full	25.84	/	/	28.84	/	/	<=30	Pass
		Inner_1RB_Left	25.91	/	/	28.91	/	/	<=30	Pass
		Inner_1RB_Right	25.74	/	/	28.74	/	/	<=30	Pass
DFT-s-OFDM QPSK	3490.02	Edge_1RB_Left	22.38	/	/	25.38	/	/	<=30	Pass
		Edge_1RB_Right	22.07	/	/	25.07	/	/	<=30	Pass
		Outer_Full	24.89	/	/	27.89	/	/	<=30	Pass
		Inner_Full	25.97	/	/	28.97	/	/	<=30	Pass

		Inner_1RB_Left	25.89	/	/	28.89	/	/	<=30	Pass
		Inner_1RB_Right	25.64	/	/	28.64	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.47	/	/	25.47	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	25.17	/	/	<=30	Pass
		Outer_Full	24.81	/	/	27.81	/	/	<=30	Pass
		Inner_Full	25.88	/	/	28.88	/	/	<=30	Pass
		Inner_1RB_Left	25.94	/	/	28.94	/	/	<=30	Pass
		Inner_1RB_Right	25.75	/	/	28.75	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.32	/	/	25.32	/	/	<=30	Pass
		Edge_1RB_Right	22.14	/	/	25.14	/	/	<=30	Pass
		Outer_Full	24.75	/	/	27.75	/	/	<=30	Pass
		Inner_Full	25.85	/	/	28.85	/	/	<=30	Pass
		Inner_1RB_Left	25.87	/	/	28.87	/	/	<=30	Pass
		Inner_1RB_Right	25.67	/	/	28.67	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3490.02	Edge_1RB_Left	22.25	/	/	25.25	/	/	<=30	Pass
		Edge_1RB_Right	21.99	/	/	24.99	/	/	<=30	Pass
		Outer_Full	23.93	/	/	26.93	/	/	<=30	Pass
		Inner_Full	24.92	/	/	27.92	/	/	<=30	Pass
		Inner_1RB_Left	24.79	/	/	27.79	/	/	<=30	Pass
		Inner_1RB_Right	24.49	/	/	27.49	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.43	/	/	25.43	/	/	<=30	Pass
		Edge_1RB_Right	22.13	/	/	25.13	/	/	<=30	Pass
		Outer_Full	23.85	/	/	26.85	/	/	<=30	Pass
		Inner_Full	24.88	/	/	27.88	/	/	<=30	Pass
		Inner_1RB_Left	24.88	/	/	27.88	/	/	<=30	Pass
		Inner_1RB_Right	24.55	/	/	27.55	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.39	/	/	25.39	/	/	<=30	Pass
		Edge_1RB_Right	22.14	/	/	25.14	/	/	<=30	Pass
		Outer_Full	23.80	/	/	26.80	/	/	<=30	Pass
		Inner_Full	24.79	/	/	27.79	/	/	<=30	Pass
		Inner_1RB_Left	24.69	/	/	27.69	/	/	<=30	Pass
		Inner_1RB_Right	24.59	/	/	27.59	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3490.02	Edge_1RB_Left	22.53	/	/	25.53	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	25.21	/	/	<=30	Pass
		Outer_Full	23.36	/	/	26.36	/	/	<=30	Pass
		Inner_Full	23.47	/	/	26.47	/	/	<=30	Pass
		Inner_1RB_Left	23.47	/	/	26.47	/	/	<=30	Pass
		Inner_1RB_Right	23.01	/	/	26.01	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.63	/	/	25.63	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	25.33	/	/	<=30	Pass
		Outer_Full	23.30	/	/	26.30	/	/	<=30	Pass
		Inner_Full	23.45	/	/	26.45	/	/	<=30	Pass
		Inner_1RB_Left	23.63	/	/	26.63	/	/	<=30	Pass
		Inner_1RB_Right	23.36	/	/	26.36	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.50	/	/	25.50	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	25.35	/	/	<=30	Pass
		Outer_Full	23.29	/	/	26.29	/	/	<=30	Pass
		Inner_Full	23.41	/	/	26.41	/	/	<=30	Pass
		Inner_1RB_Left	23.40	/	/	26.40	/	/	<=30	Pass
		Inner_1RB_Right	23.31	/	/	26.31	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3490.02	Edge_1RB_Left	21.52	/	/	24.52	/	/	<=30	Pass
		Edge_1RB_Right	21.07	/	/	24.07	/	/	<=30	Pass
		Outer_Full	21.48	/	/	24.48	/	/	<=30	Pass
		Inner_Full	21.38	/	/	24.38	/	/	<=30	Pass
		Inner_1RB_Left	21.45	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Right	21.02	/	/	24.02	/	/	<=30	Pass

	3500.01	Edge_1RB_Left	21.57	/	/	24.57	/	/	<=30	Pass
		Edge_1RB_Right	21.20	/	/	24.20	/	/	<=30	Pass
		Outer_Full	21.35	/	/	24.35	/	/	<=30	Pass
		Inner_Full	21.38	/	/	24.38	/	/	<=30	Pass
		Inner_1RB_Left	21.51	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Right	21.14	/	/	24.14	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.31	/	/	24.31	/	/	<=30	Pass
		Edge_1RB_Right	21.06	/	/	24.06	/	/	<=30	Pass
		Outer_Full	21.27	/	/	24.27	/	/	<=30	Pass
		Inner_Full	21.38	/	/	24.38	/	/	<=30	Pass
		Inner_1RB_Left	21.34	/	/	24.34	/	/	<=30	Pass
CP-OFDM QPSK	3490.02	Inner_1RB_Right	21.18	/	/	24.18	/	/	<=30	Pass
		Edge_1RB_Left	22.58	/	/	25.58	/	/	<=30	Pass
		Edge_1RB_Right	22.18	/	/	25.18	/	/	<=30	Pass
		Outer_Full	22.93	/	/	25.93	/	/	<=30	Pass
		Inner_Full	24.45	/	/	27.45	/	/	<=30	Pass
		Inner_1RB_Left	24.56	/	/	27.56	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	24.16	/	/	27.16	/	/	<=30	Pass
		Edge_1RB_Left	22.57	/	/	25.57	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	25.27	/	/	<=30	Pass
		Outer_Full	22.83	/	/	25.83	/	/	<=30	Pass
		Inner_Full	24.36	/	/	27.36	/	/	<=30	Pass
		Inner_1RB_Left	24.64	/	/	27.64	/	/	<=30	Pass
	3510	Inner_1RB_Right	24.25	/	/	27.25	/	/	<=30	Pass
		Edge_1RB_Left	22.43	/	/	25.43	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	25.23	/	/	<=30	Pass
		Outer_Full	22.79	/	/	25.79	/	/	<=30	Pass
		Inner_Full	24.31	/	/	27.31	/	/	<=30	Pass
		Inner_1RB_Left	24.51	/	/	27.51	/	/	<=30	Pass
CP-OFDM 16 QAM	3490.02	Inner_1RB_Right	24.20	/	/	27.20	/	/	<=30	Pass
		Edge_1RB_Left	22.35	/	/	25.35	/	/	<=30	Pass
		Edge_1RB_Right	21.98	/	/	24.98	/	/	<=30	Pass
		Outer_Full	22.91	/	/	25.91	/	/	<=30	Pass
		Inner_Full	23.95	/	/	26.95	/	/	<=30	Pass
		Inner_1RB_Left	23.98	/	/	26.98	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	23.51	/	/	26.51	/	/	<=30	Pass
		Edge_1RB_Left	22.51	/	/	25.51	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	25.21	/	/	<=30	Pass
		Outer_Full	22.76	/	/	25.76	/	/	<=30	Pass
		Inner_Full	23.82	/	/	26.82	/	/	<=30	Pass
		Inner_1RB_Left	23.94	/	/	26.94	/	/	<=30	Pass
	3510	Inner_1RB_Right	23.67	/	/	26.67	/	/	<=30	Pass
		Edge_1RB_Left	22.41	/	/	25.41	/	/	<=30	Pass
		Edge_1RB_Right	22.16	/	/	25.16	/	/	<=30	Pass
		Outer_Full	22.80	/	/	25.80	/	/	<=30	Pass
		Inner_Full	23.85	/	/	26.85	/	/	<=30	Pass
		Inner_1RB_Left	23.75	/	/	26.75	/	/	<=30	Pass
CP-OFDM 64 QAM	3490.02	Inner_1RB_Right	23.56	/	/	26.56	/	/	<=30	Pass
		Edge_1RB_Left	22.49	/	/	25.49	/	/	<=30	Pass
		Edge_1RB_Right	22.18	/	/	25.18	/	/	<=30	Pass
		Outer_Full	22.47	/	/	25.47	/	/	<=30	Pass
		Inner_Full	22.46	/	/	25.46	/	/	<=30	Pass
		Inner_1RB_Left	22.60	/	/	25.60	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	22.17	/	/	25.17	/	/	<=30	Pass
		Edge_1RB_Left	22.62	/	/	25.62	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	25.33	/	/	<=30	Pass

		Outer_Full	22.35	/	/	25.35	/	/	<=30	Pass	
		Inner_Full	22.43	/	/	25.43	/	/	<=30	Pass	
		Inner_1RB_Left	22.65	/	/	25.65	/	/	<=30	Pass	
		Inner_1RB_Right	22.32	/	/	25.32	/	/	<=30	Pass	
	3510	Edge_1RB_Left	22.58	/	/	25.58	/	/	<=30	Pass	
		Edge_1RB_Right	22.45	/	/	25.45	/	/	<=30	Pass	
		Outer_Full	22.30	/	/	25.30	/	/	<=30	Pass	
		Inner_Full	22.35	/	/	25.35	/	/	<=30	Pass	
		Inner_1RB_Left	22.43	/	/	25.43	/	/	<=30	Pass	
		Inner_1RB_Right	22.31	/	/	25.31	/	/	<=30	Pass	
CP-OFDM 256 QAM	3490.02	Edge_1RB_Left	19.56	/	/	22.56	/	/	<=30	Pass	
		Edge_1RB_Right	19.12	/	/	22.12	/	/	<=30	Pass	
		Outer_Full	19.50	/	/	22.50	/	/	<=30	Pass	
		Inner_Full	19.51	/	/	22.51	/	/	<=30	Pass	
		Inner_1RB_Left	19.47	/	/	22.47	/	/	<=30	Pass	
		Inner_1RB_Right	19.20	/	/	22.20	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	19.60	/	/	22.60	/	/	<=30	Pass	
		Edge_1RB_Right	19.24	/	/	22.24	/	/	<=30	Pass	
		Outer_Full	19.33	/	/	22.33	/	/	<=30	Pass	
		Inner_Full	19.48	/	/	22.48	/	/	<=30	Pass	
		Inner_1RB_Left	19.49	/	/	22.49	/	/	<=30	Pass	
		Inner_1RB_Right	19.33	/	/	22.33	/	/	<=30	Pass	
	3510	Edge_1RB_Left	19.38	/	/	22.38	/	/	<=30	Pass	
		Edge_1RB_Right	19.23	/	/	22.23	/	/	<=30	Pass	
		Outer_Full	19.36	/	/	22.36	/	/	<=30	Pass	
		Inner_Full	19.47	/	/	22.47	/	/	<=30	Pass	
		Inner_1RB_Left	19.43	/	/	22.43	/	/	<=30	Pass	
		Inner_1RB_Right	19.27	/	/	22.27	/	/	<=30	Pass	
	Note1: Antenna Gain: Ant2: 3.00dBi; Ant0: 3.00dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 30_S_90M_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant0	Sum	Ant2	Ant0	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3495	Edge_1RB_Left	22.44	/	/	25.44	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	25.24	/	/	<=30	Pass
		Outer_Full	24.83	/	/	27.83	/	/	<=30	Pass
		Inner_Full	25.86	/	/	28.86	/	/	<=30	Pass
		Inner_1RB_Left	25.91	/	/	28.91	/	/	<=30	Pass
		Inner_1RB_Right	25.77	/	/	28.77	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.46	/	/	25.46	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	25.26	/	/	<=30	Pass
		Outer_Full	25.30	/	/	28.30	/	/	<=30	Pass
		Inner_Full	25.88	/	/	28.88	/	/	<=30	Pass
		Inner_1RB_Left	26.03	/	/	29.03	/	/	<=30	Pass
		Inner_1RB_Right	25.82	/	/	28.82	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.52	/	/	25.52	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	25.28	/	/	<=30	Pass
		Outer_Full	24.83	/	/	27.83	/	/	<=30	Pass
		Inner_Full	25.92	/	/	28.92	/	/	<=30	Pass
		Inner_1RB_Left	25.98	/	/	28.98	/	/	<=30	Pass
		Inner_1RB_Right	25.83	/	/	28.83	/	/	<=30	Pass

DFT-s-OFDM QPSK	3495	Edge_1RB_Left	22.34	/	/	25.34	/	/	<=30	Pass
		Edge_1RB_Right	22.16	/	/	25.16	/	/	<=30	Pass
		Outer_Full	24.84	/	/	27.84	/	/	<=30	Pass
		Inner_Full	25.87	/	/	28.87	/	/	<=30	Pass
		Inner_1RB_Left	25.88	/	/	28.88	/	/	<=30	Pass
		Inner_1RB_Right	25.68	/	/	28.68	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.45	/	/	25.45	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	25.22	/	/	<=30	Pass
		Outer_Full	24.79	/	/	27.79	/	/	<=30	Pass
		Inner_Full	25.97	/	/	28.97	/	/	<=30	Pass
		Inner_1RB_Left	25.95	/	/	28.95	/	/	<=30	Pass
		Inner_1RB_Right	25.75	/	/	28.75	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.40	/	/	25.40	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	25.25	/	/	<=30	Pass
		Outer_Full	24.82	/	/	27.82	/	/	<=30	Pass
		Inner_Full	25.91	/	/	28.91	/	/	<=30	Pass
		Inner_1RB_Left	25.97	/	/	28.97	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3495	Edge_1RB_Left	22.22	/	/	25.22	/	/	<=30	Pass
		Edge_1RB_Right	22.01	/	/	25.01	/	/	<=30	Pass
		Outer_Full	23.86	/	/	26.86	/	/	<=30	Pass
		Inner_Full	24.87	/	/	27.87	/	/	<=30	Pass
		Inner_1RB_Left	24.74	/	/	27.74	/	/	<=30	Pass
		Inner_1RB_Right	24.57	/	/	27.57	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.28	/	/	25.28	/	/	<=30	Pass
		Edge_1RB_Right	22.11	/	/	25.11	/	/	<=30	Pass
		Outer_Full	23.88	/	/	26.88	/	/	<=30	Pass
		Inner_Full	24.90	/	/	27.90	/	/	<=30	Pass
		Inner_1RB_Left	24.75	/	/	27.75	/	/	<=30	Pass
		Inner_1RB_Right	24.58	/	/	27.58	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.33	/	/	25.33	/	/	<=30	Pass
		Edge_1RB_Right	22.10	/	/	25.10	/	/	<=30	Pass
		Outer_Full	23.89	/	/	26.89	/	/	<=30	Pass
		Inner_Full	24.96	/	/	27.96	/	/	<=30	Pass
		Inner_1RB_Left	24.83	/	/	27.83	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3495	Edge_1RB_Left	22.43	/	/	25.43	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	25.27	/	/	<=30	Pass
		Outer_Full	23.30	/	/	26.30	/	/	<=30	Pass
		Inner_Full	23.36	/	/	26.36	/	/	<=30	Pass
		Inner_1RB_Left	23.46	/	/	26.46	/	/	<=30	Pass
		Inner_1RB_Right	23.26	/	/	26.26	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.45	/	/	25.45	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	25.33	/	/	<=30	Pass
		Outer_Full	23.35	/	/	26.35	/	/	<=30	Pass
		Inner_Full	23.41	/	/	26.41	/	/	<=30	Pass
		Inner_1RB_Left	23.49	/	/	26.49	/	/	<=30	Pass
		Inner_1RB_Right	23.26	/	/	26.26	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.51	/	/	25.51	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	25.27	/	/	<=30	Pass
		Outer_Full	23.41	/	/	26.41	/	/	<=30	Pass
		Inner_Full	23.50	/	/	26.50	/	/	<=30	Pass
		Inner_1RB_Left	23.51	/	/	26.51	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3495	Edge_1RB_Left	21.48	/	/	24.48	/	/	<=30	Pass
		Edge_1RB_Right	21.20	/	/	24.20	/	/	<=30	Pass

		Outer_Full	21.23	/	/	24.23	/	/	<=30	Pass
		Inner_Full	21.46	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Left	21.40	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Right	21.11	/	/	24.11	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.44	/	/	24.44	/	/	<=30	Pass
		Edge_1RB_Right	21.18	/	/	24.18	/	/	<=30	Pass
		Outer_Full	21.30	/	/	24.30	/	/	<=30	Pass
		Inner_Full	21.38	/	/	24.38	/	/	<=30	Pass
	3504.99	Inner_1RB_Left	21.55	/	/	24.55	/	/	<=30	Pass
		Inner_1RB_Right	21.22	/	/	24.22	/	/	<=30	Pass
		Edge_1RB_Left	21.36	/	/	24.36	/	/	<=30	Pass
		Edge_1RB_Right	21.23	/	/	24.23	/	/	<=30	Pass
CP-OFDM QPSK	3495	Outer_Full	21.37	/	/	24.37	/	/	<=30	Pass
		Inner_Full	21.40	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Left	21.30	/	/	24.30	/	/	<=30	Pass
		Inner_1RB_Right	21.32	/	/	24.32	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.49	/	/	25.49	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	25.33	/	/	<=30	Pass
		Outer_Full	22.76	/	/	25.76	/	/	<=30	Pass
		Inner_Full	24.32	/	/	27.32	/	/	<=30	Pass
	3504.99	Inner_1RB_Left	24.42	/	/	27.42	/	/	<=30	Pass
		Inner_1RB_Right	24.32	/	/	27.32	/	/	<=30	Pass
		Edge_1RB_Left	22.52	/	/	25.52	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	25.36	/	/	<=30	Pass
CP-OFDM 16 QAM	3495	Outer_Full	22.85	/	/	25.85	/	/	<=30	Pass
		Inner_Full	24.38	/	/	27.38	/	/	<=30	Pass
		Inner_1RB_Left	24.74	/	/	27.74	/	/	<=30	Pass
		Inner_1RB_Right	24.30	/	/	27.30	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.59	/	/	25.59	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	25.38	/	/	<=30	Pass
		Outer_Full	22.87	/	/	25.87	/	/	<=30	Pass
		Inner_Full	24.41	/	/	27.41	/	/	<=30	Pass
	3504.99	Inner_1RB_Left	24.65	/	/	27.65	/	/	<=30	Pass
		Inner_1RB_Right	24.37	/	/	27.37	/	/	<=30	Pass
		Edge_1RB_Left	22.32	/	/	25.32	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	25.25	/	/	<=30	Pass
CP-OFDM 64 QAM	3495	Outer_Full	22.79	/	/	25.79	/	/	<=30	Pass
		Inner_Full	23.88	/	/	26.88	/	/	<=30	Pass
		Inner_1RB_Left	23.99	/	/	26.99	/	/	<=30	Pass
		Inner_1RB_Right	23.52	/	/	26.52	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.32	/	/	25.32	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	25.19	/	/	<=30	Pass
		Outer_Full	22.88	/	/	25.88	/	/	<=30	Pass
		Inner_Full	23.94	/	/	26.94	/	/	<=30	Pass
	3504.99	Inner_1RB_Left	23.87	/	/	26.87	/	/	<=30	Pass
		Inner_1RB_Right	23.55	/	/	26.55	/	/	<=30	Pass
		Edge_1RB_Left	22.37	/	/	25.37	/	/	<=30	Pass
		Edge_1RB_Right	22.11	/	/	25.11	/	/	<=30	Pass
	3495	Outer_Full	22.94	/	/	25.94	/	/	<=30	Pass
		Inner_Full	23.95	/	/	26.95	/	/	<=30	Pass
		Inner_1RB_Left	23.96	/	/	26.96	/	/	<=30	Pass
		Inner_1RB_Right	23.57	/	/	26.57	/	/	<=30	Pass
	3495	Edge_1RB_Left	22.55	/	/	25.55	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	25.26	/	/	<=30	Pass
		Outer_Full	22.37	/	/	25.37	/	/	<=30	Pass
		Inner_Full	22.27	/	/	25.27	/	/	<=30	Pass

		Inner_1RB_Left	22.48	/	/	25.48	/	/	<=30	Pass
		Inner_1RB_Right	22.26	/	/	25.26	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.41	/	/	25.41	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	25.35	/	/	<=30	Pass
		Outer_Full	22.35	/	/	25.35	/	/	<=30	Pass
		Inner_Full	22.40	/	/	25.40	/	/	<=30	Pass
		Inner_1RB_Left	22.50	/	/	25.50	/	/	<=30	Pass
		Inner_1RB_Right	22.34	/	/	25.34	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.68	/	/	25.68	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	25.33	/	/	<=30	Pass
		Outer_Full	22.43	/	/	25.43	/	/	<=30	Pass
		Inner_Full	22.43	/	/	25.43	/	/	<=30	Pass
		Inner_1RB_Left	22.60	/	/	25.60	/	/	<=30	Pass
		Inner_1RB_Right	22.48	/	/	25.48	/	/	<=30	Pass
CP-OFDM 256 QAM	3495	Edge_1RB_Left	19.47	/	/	22.47	/	/	<=30	Pass
		Edge_1RB_Right	19.24	/	/	22.24	/	/	<=30	Pass
		Outer_Full	19.38	/	/	22.38	/	/	<=30	Pass
		Inner_Full	19.37	/	/	22.37	/	/	<=30	Pass
		Inner_1RB_Left	19.48	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Right	19.15	/	/	22.15	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.54	/	/	22.54	/	/	<=30	Pass
		Edge_1RB_Right	19.37	/	/	22.37	/	/	<=30	Pass
		Outer_Full	19.38	/	/	22.38	/	/	<=30	Pass
		Inner_Full	19.42	/	/	22.42	/	/	<=30	Pass
		Inner_1RB_Left	19.55	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Right	19.29	/	/	22.29	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	19.57	/	/	22.57	/	/	<=30	Pass
		Edge_1RB_Right	19.34	/	/	22.34	/	/	<=30	Pass
		Outer_Full	19.40	/	/	22.40	/	/	<=30	Pass
		Inner_Full	19.48	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Left	19.60	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Right	19.28	/	/	22.28	/	/	<=30	Pass

Note1: Antenna Gain: Ant2: 3.00dBi; Ant0: 3.00dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.9 30_S_100M_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 100MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant0	Sum	Ant2	Ant0	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Edge_1RB_Left	22.40	/	/	25.40	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	25.17	/	/	<=30	Pass
		Outer_Full	25.33	/	/	28.33	/	/	<=30	Pass
		Inner_Full	25.88	/	/	28.88	/	/	<=30	Pass
		Inner_1RB_Left	25.87	/	/	28.87	/	/	<=30	Pass
		Inner_1RB_Right	25.74	/	/	28.74	/	/	<=30	Pass
DFT-s-OFDM QPSK	3500.01	Edge_1RB_Left	22.30	/	/	25.30	/	/	<=30	Pass
		Edge_1RB_Right	22.13	/	/	25.13	/	/	<=30	Pass
		Outer_Full	24.81	/	/	27.81	/	/	<=30	Pass
		Inner_Full	25.91	/	/	28.91	/	/	<=30	Pass
		Inner_1RB_Left	25.88	/	/	28.88	/	/	<=30	Pass
		Inner_1RB_Right	25.71	/	/	28.71	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3500.01	Edge_1RB_Left	22.19	/	/	25.19	/	/	<=30	Pass
		Edge_1RB_Right	22.03	/	/	25.03	/	/	<=30	Pass

		Outer_Full	23.84	/	/	26.84	/	/	<=30	Pass
		Inner_Full	24.89	/	/	27.89	/	/	<=30	Pass
		Inner_1RB_Left	24.74	/	/	27.74	/	/	<=30	Pass
		Inner_1RB_Right	24.60	/	/	27.60	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3500.01	Edge_1RB_Left	22.37	/	/	25.37	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	25.21	/	/	<=30	Pass
		Outer_Full	23.37	/	/	26.37	/	/	<=30	Pass
		Inner_Full	23.35	/	/	26.35	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	26.52	/	/	<=30	Pass
		Inner_1RB_Right	23.36	/	/	26.36	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3500.01	Edge_1RB_Left	21.36	/	/	24.36	/	/	<=30	Pass
		Edge_1RB_Right	21.27	/	/	24.27	/	/	<=30	Pass
		Outer_Full	21.34	/	/	24.34	/	/	<=30	Pass
		Inner_Full	21.43	/	/	24.43	/	/	<=30	Pass
		Inner_1RB_Left	21.25	/	/	24.25	/	/	<=30	Pass
		Inner_1RB_Right	21.24	/	/	24.24	/	/	<=30	Pass
CP-OFDM QPSK	3500.01	Edge_1RB_Left	22.47	/	/	25.47	/	/	<=30	Pass
		Edge_1RB_Right	22.29	/	/	25.29	/	/	<=30	Pass
		Outer_Full	22.82	/	/	25.82	/	/	<=30	Pass
		Inner_Full	24.37	/	/	27.37	/	/	<=30	Pass
		Inner_1RB_Left	24.52	/	/	27.52	/	/	<=30	Pass
		Inner_1RB_Right	24.34	/	/	27.34	/	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Edge_1RB_Left	22.32	/	/	25.32	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	25.17	/	/	<=30	Pass
		Outer_Full	22.93	/	/	25.93	/	/	<=30	Pass
		Inner_Full	23.91	/	/	26.91	/	/	<=30	Pass
		Inner_1RB_Left	23.82	/	/	26.82	/	/	<=30	Pass
		Inner_1RB_Right	23.58	/	/	26.58	/	/	<=30	Pass
CP-OFDM 64 QAM	3500.01	Edge_1RB_Left	22.46	/	/	25.46	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	25.28	/	/	<=30	Pass
		Outer_Full	22.45	/	/	25.45	/	/	<=30	Pass
		Inner_Full	22.36	/	/	25.36	/	/	<=30	Pass
		Inner_1RB_Left	22.45	/	/	25.45	/	/	<=30	Pass
		Inner_1RB_Right	22.26	/	/	25.26	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Edge_1RB_Left	19.26	/	/	22.26	/	/	<=30	Pass
		Edge_1RB_Right	19.35	/	/	22.35	/	/	<=30	Pass
		Outer_Full	19.44	/	/	22.44	/	/	<=30	Pass
		Inner_Full	19.43	/	/	22.43	/	/	<=30	Pass
		Inner_1RB_Left	19.38	/	/	22.38	/	/	<=30	Pass
		Inner_1RB_Right	19.30	/	/	22.30	/	/	<=30	Pass
Note1: Antenna Gain: Ant2: 3.00dBi; Ant0: 3.00dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30_S_100M

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	-9.30	-0.0027	>=-2.5 & <=2.5	Pass
				HV	4.00	0.0011	>=-2.5 & <=2.5	Pass
			0	NV	8.60	0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-2.30	-0.0007	>=-2.5 & <=2.5	Pass
			20	NV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-8.40	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30_S_20M_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	18.08	19.78	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	18.15	20.04	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	18.14	19.77	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	18.15	20.03	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	18.07	20.01	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	18.44	20.60	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	18.41	20.18	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	18.41	20.55	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	18.41	20.44	/	Pass

3.1.2 30_S_30M_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	27.15	29.48	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	27.20	29.46	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	27.21	29.37	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	27.15	29.45	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	27.18	29.55	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	28.19	30.57	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	28.20	30.69	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	28.16	30.42	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	28.18	30.61	/	Pass

3.1.3 30_S_40M_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	36.03	38.62	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	36.05	38.84	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	36.17	38.95	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	36.05	38.90	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	36.13	39.02	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	38.12	41.03	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	38.21	40.79	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	38.27	41.07	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	38.26	40.90	/	Pass

3.1.4 30_S_50M_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	46.14	49.26	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	46.09	49.46	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	46.17	49.39	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	46.05	49.32	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	46.07	49.46	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	47.91	51.23	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	47.85	51.11	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	47.84	51.28	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	47.86	51.32	/	Pass

3.1.5 30_S_60M_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	58.45	62.40	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	58.58	62.23	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	58.36	62.26	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	58.15	62.44	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	58.17	62.20	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	58.30	62.24	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	58.09	62.26	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	58.30	62.27	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	58.22	62.18	/	Pass

3.1.6 30_S_70M_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	64.94	69.44	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	65.07	69.68	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	64.94	69.58	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	65.06	69.75	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	64.84	69.60	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	67.99	72.91	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	68.02	74.27	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	68.16	72.79	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	67.97	72.88	/	Pass

3.1.7 30_S_80M_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	77.13	82.81	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	77.40	82.62	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	77.93	82.59	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	77.54	82.97	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	48.15	50.95	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	78.00	83.13	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	77.86	83.03	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	78.06	82.81	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	77.94	82.97	/	Pass

3.1.8 30_S_90M_NTNV

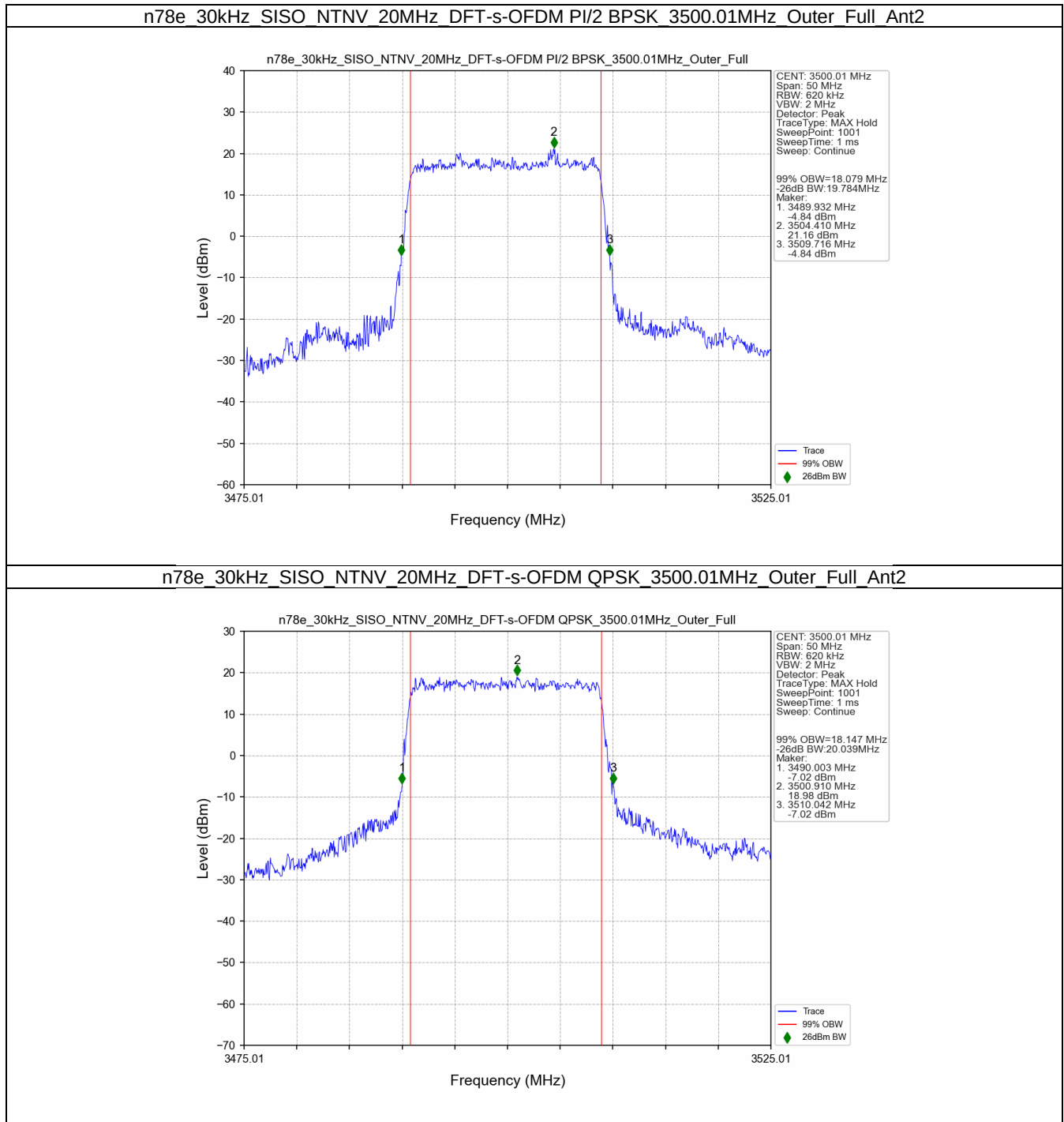
5G NR n78e SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	87.27	92.96	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	87.25	93.20	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	87.24	93.08	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	87.03	92.84	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	87.18	92.87	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	87.92	93.56	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	88.05	93.76	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	87.95	93.77	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	87.84	93.68	/	Pass

3.1.9 30_S_100M_NTNV

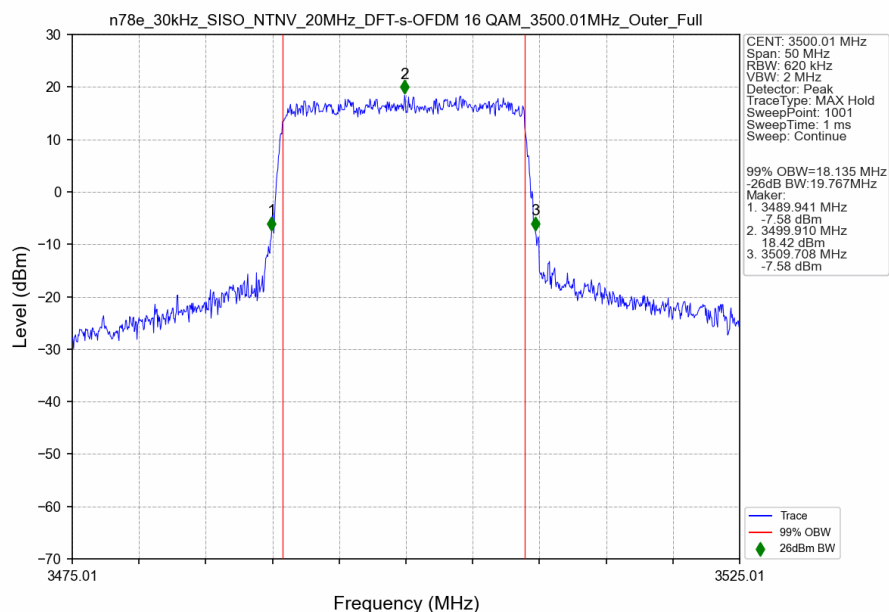
5G NR n78e SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	96.56	102.92	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	97.02	103.42	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	96.77	103.55	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	97.15	103.69	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	96.76	103.67	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	97.96	104.36	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	97.92	104.13	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	97.83	104.31	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	97.96	104.60	/	Pass

3.2 Test Graph

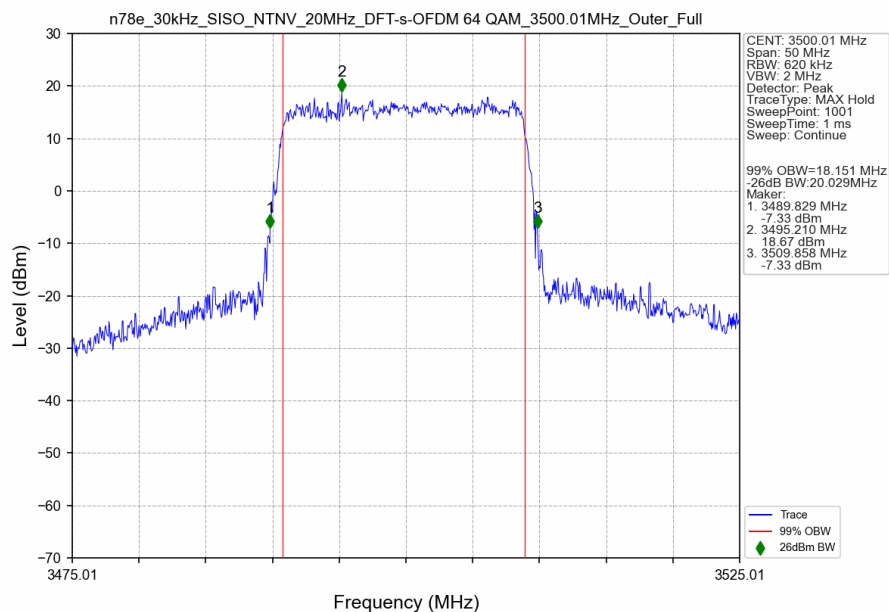
3.2.1 30_S_20M_NTNV



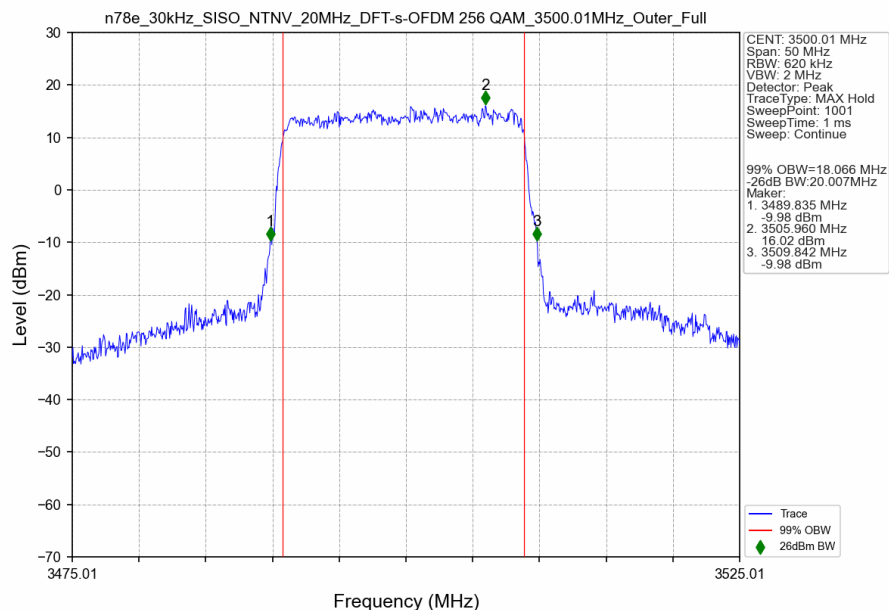
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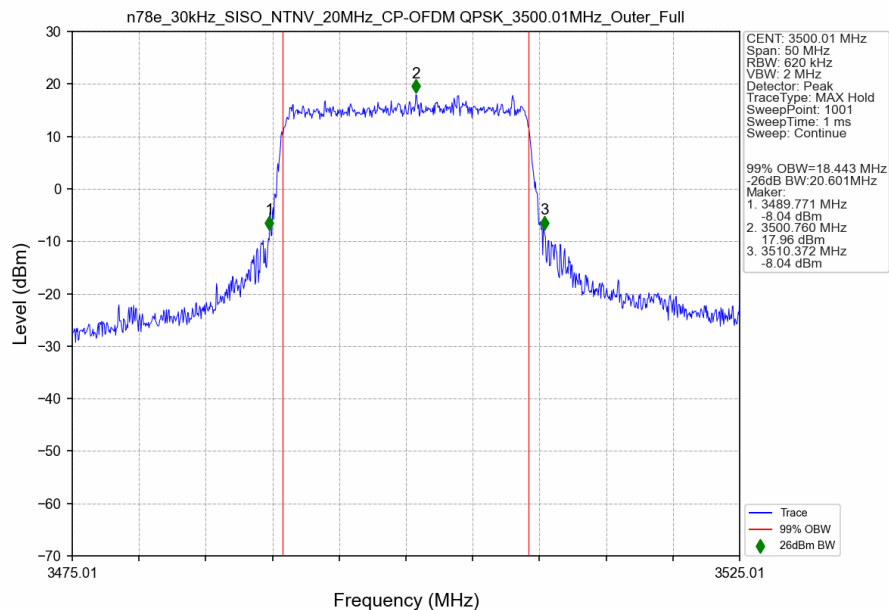
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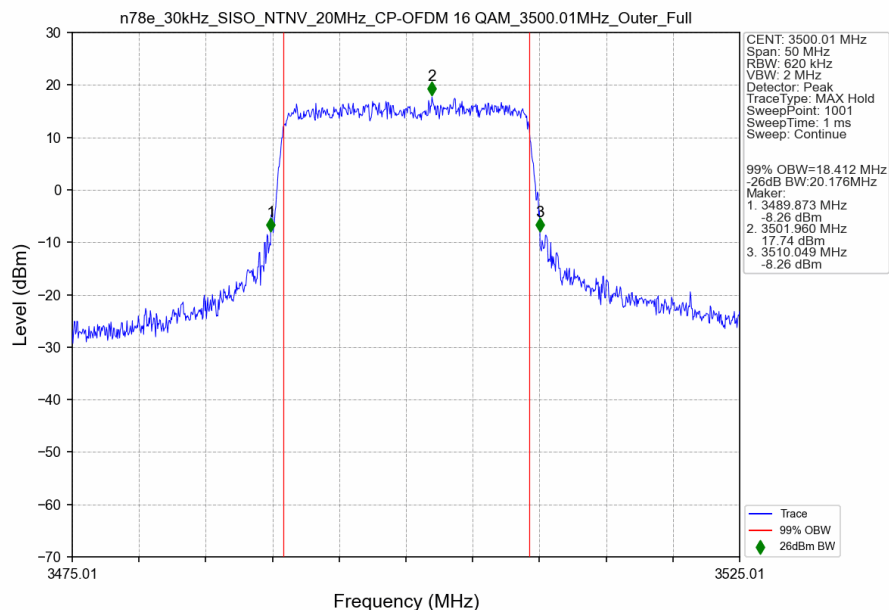
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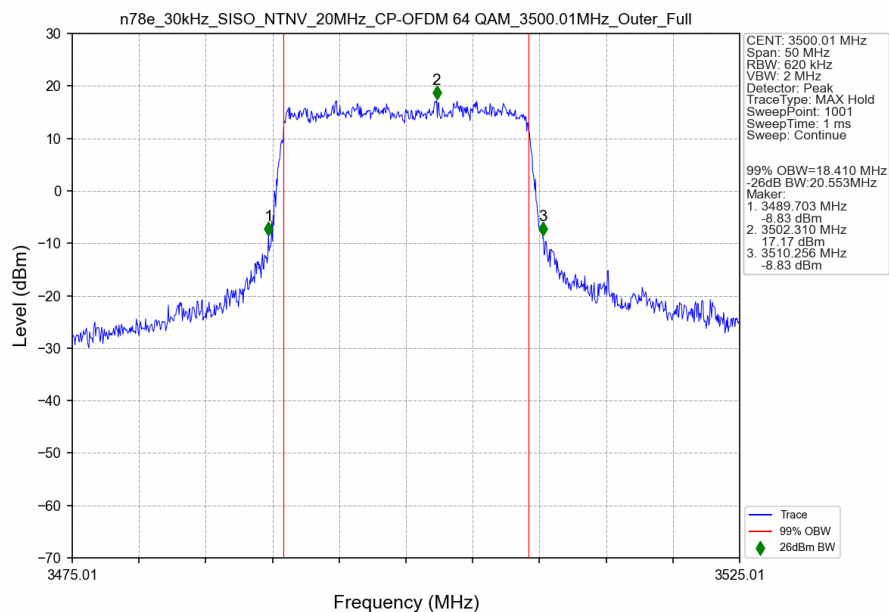
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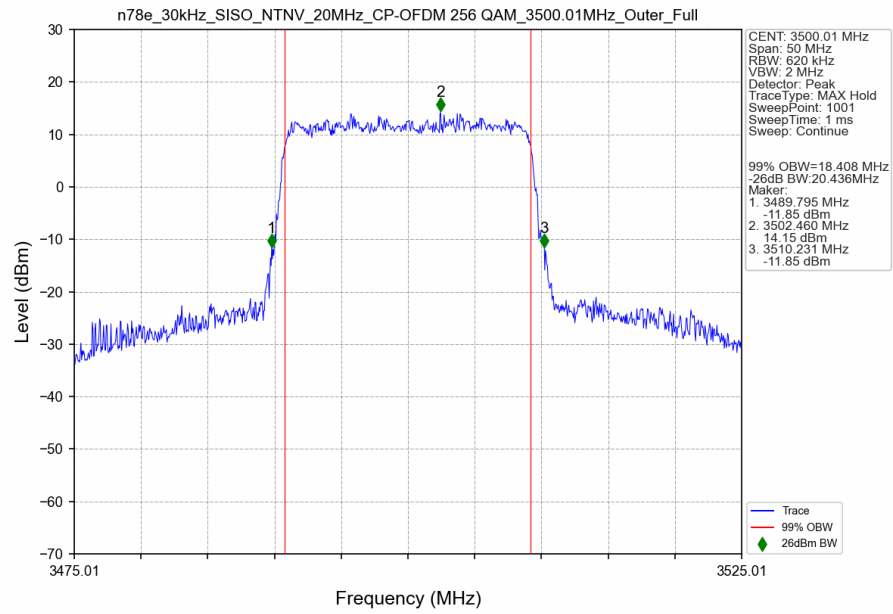
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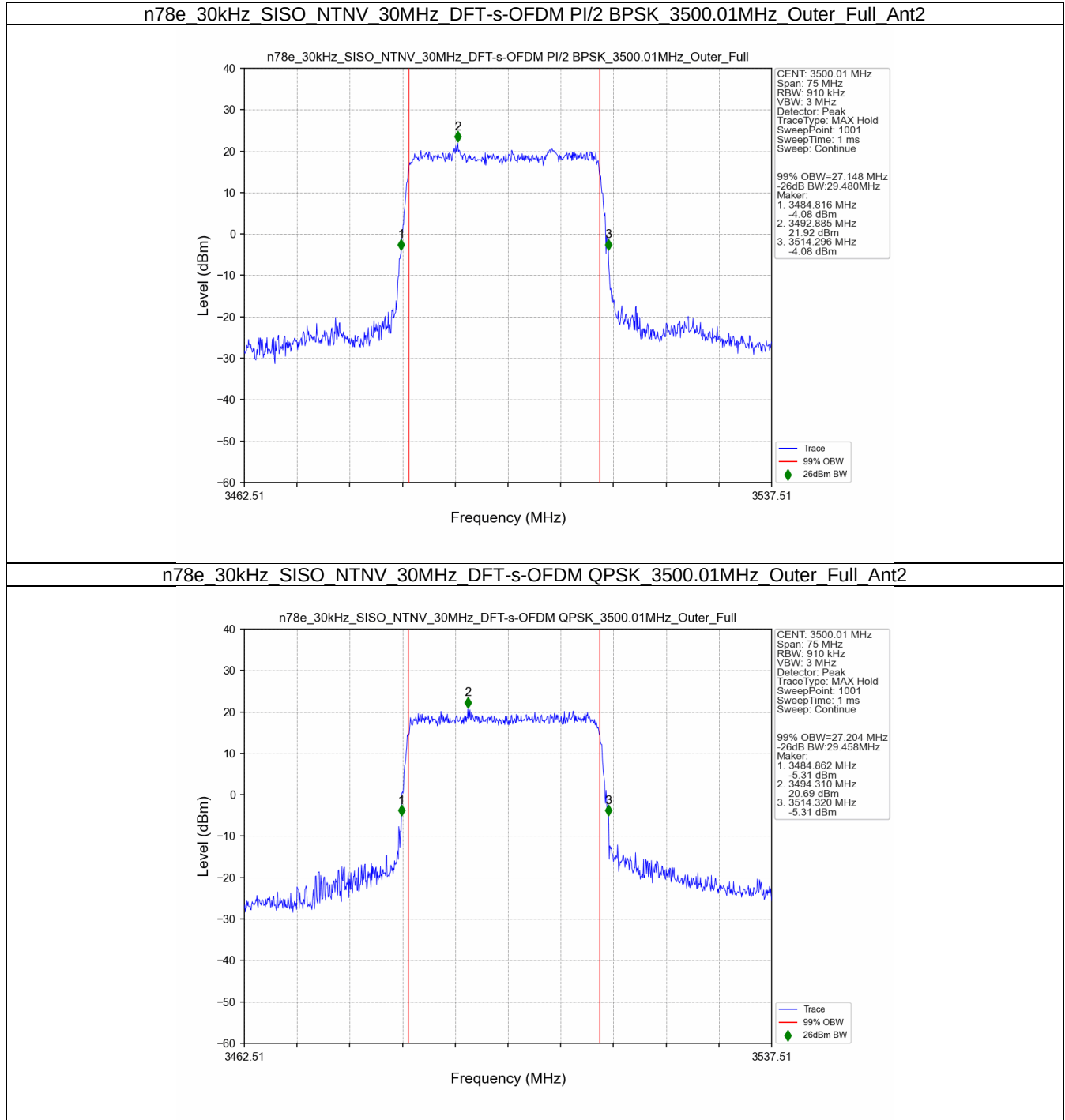
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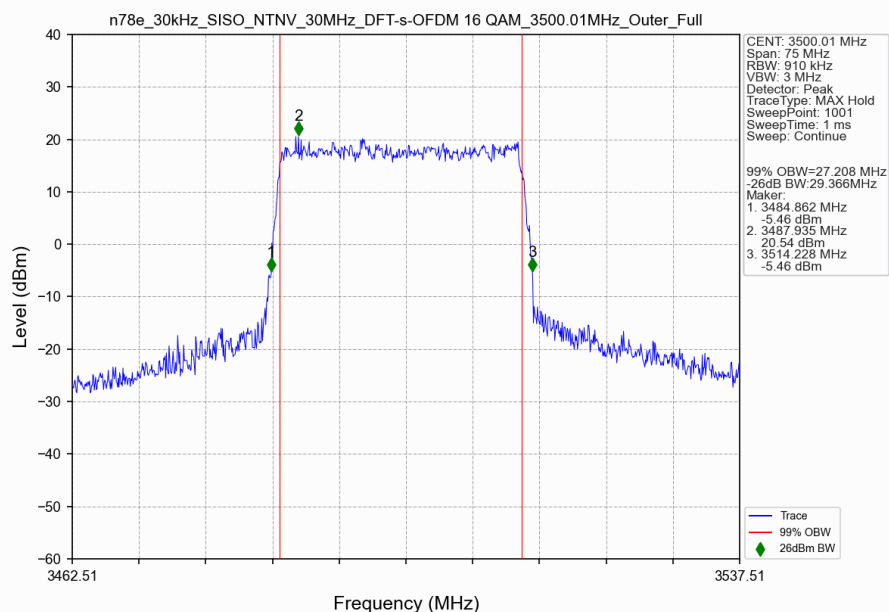
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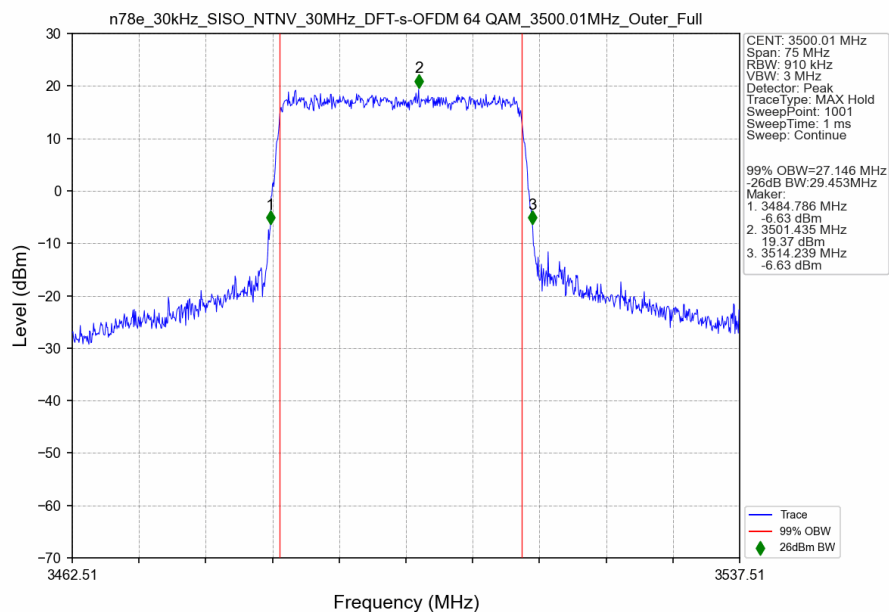
3.2.2 30_S_30M_NTNV



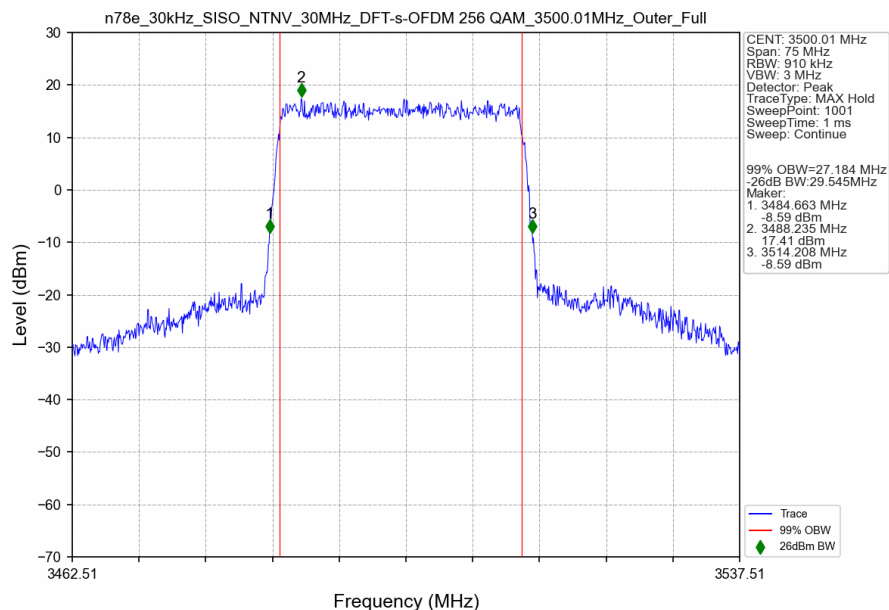
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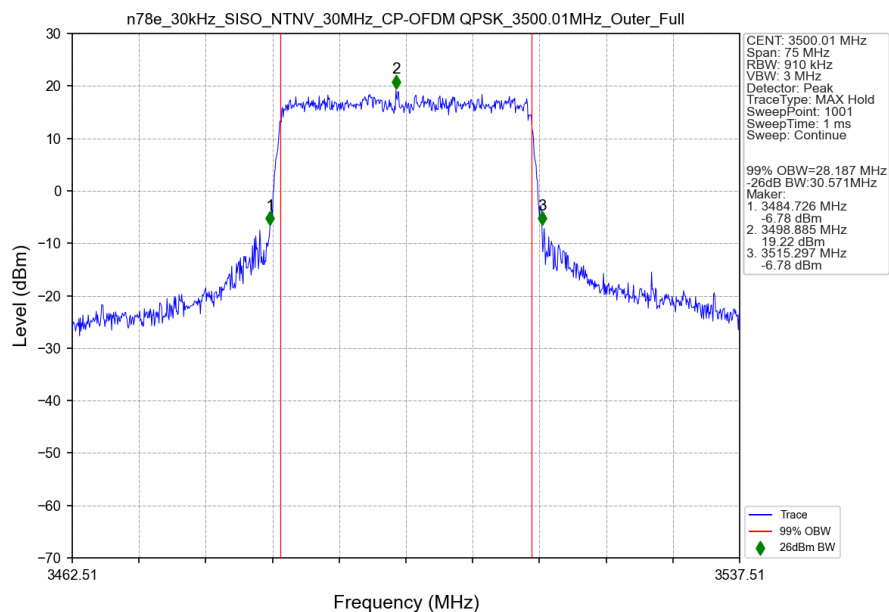
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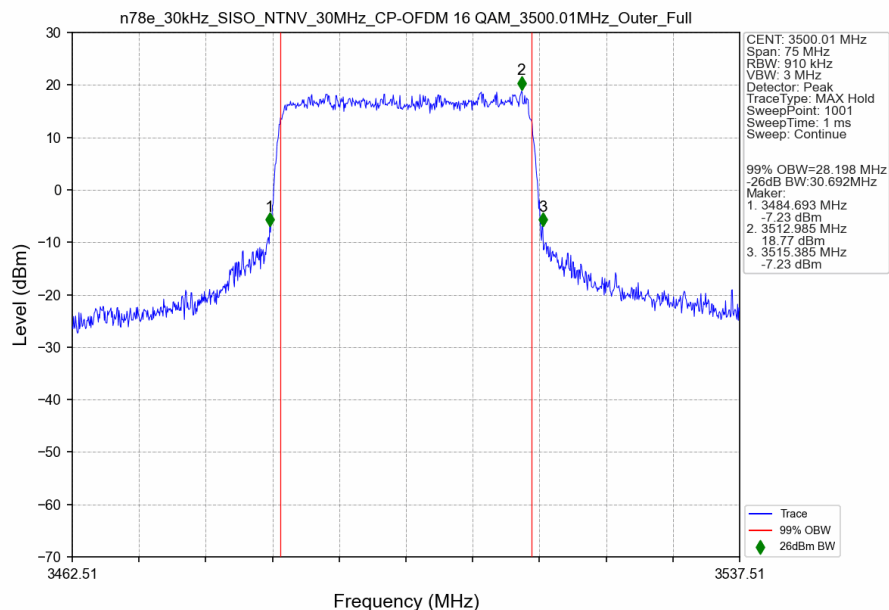
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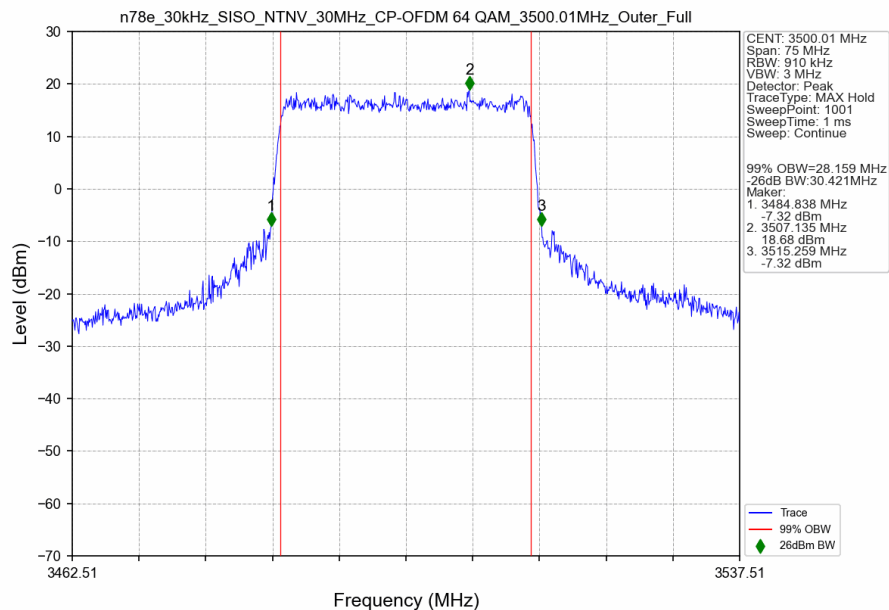
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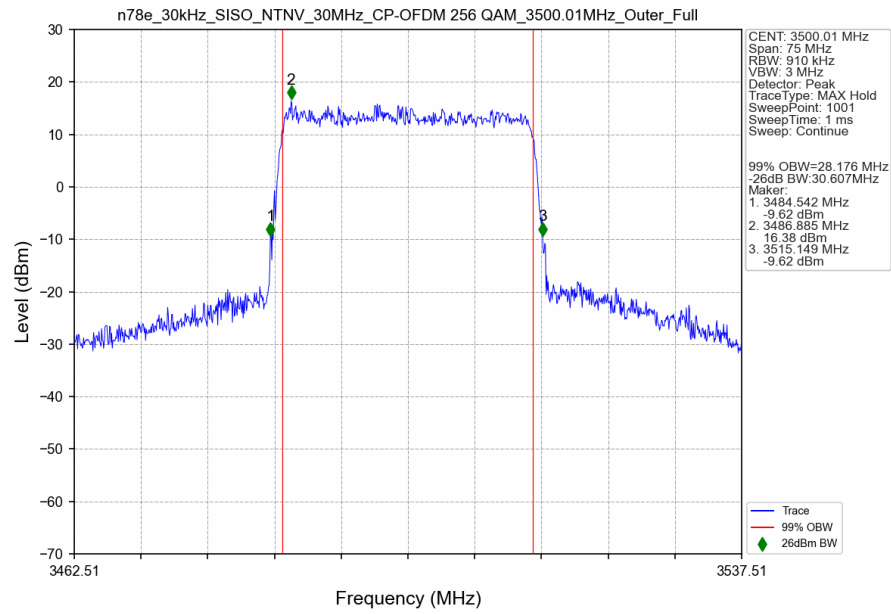
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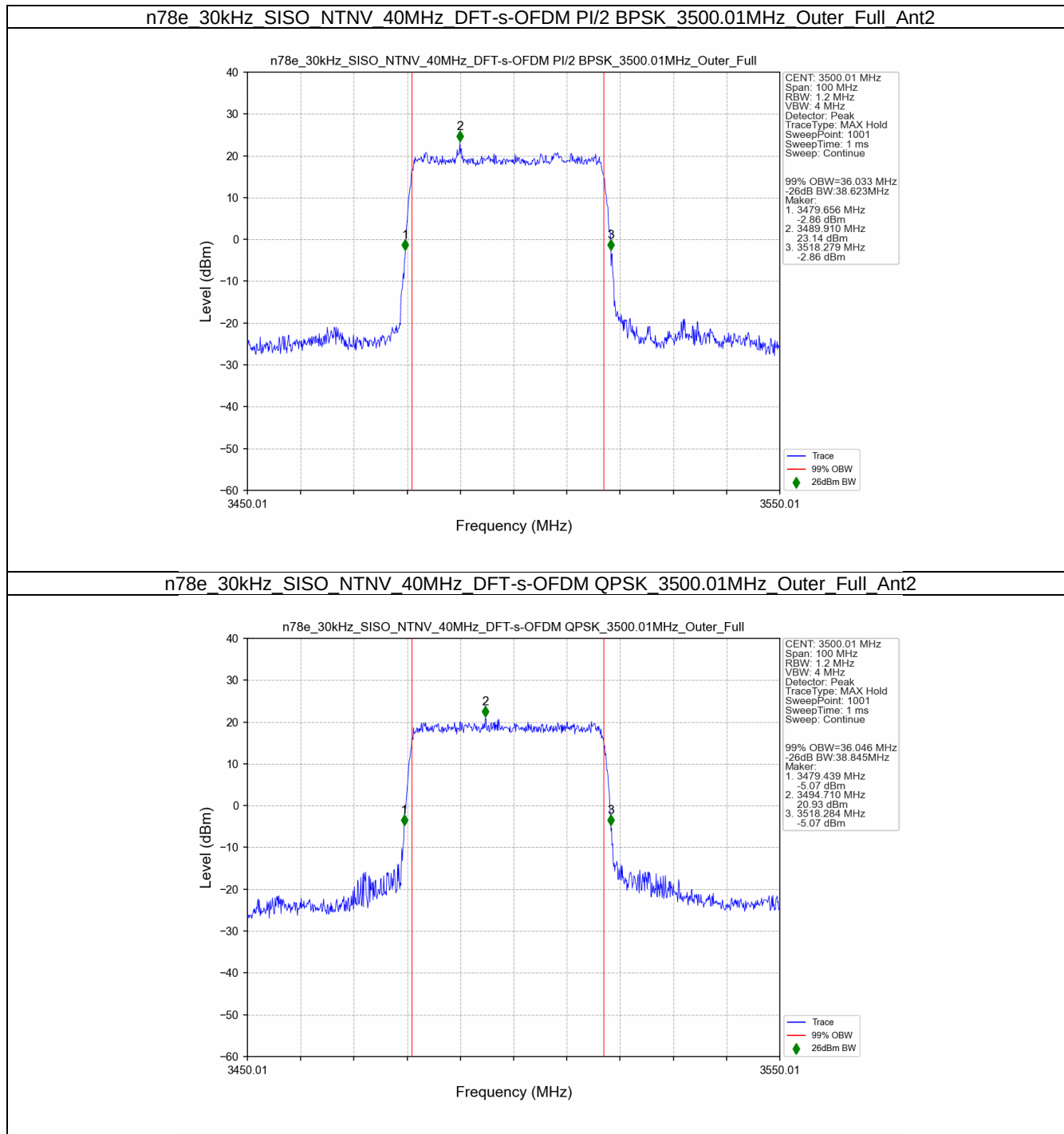
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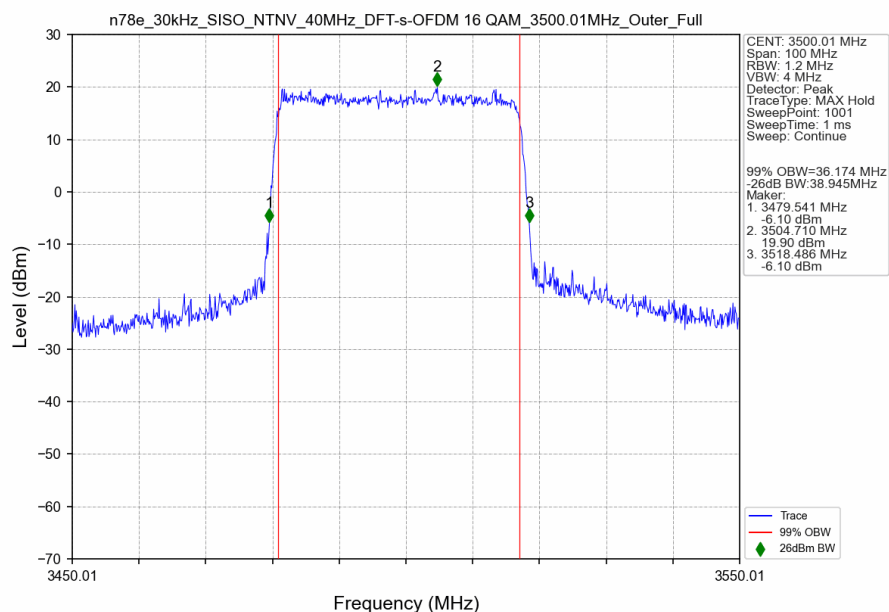
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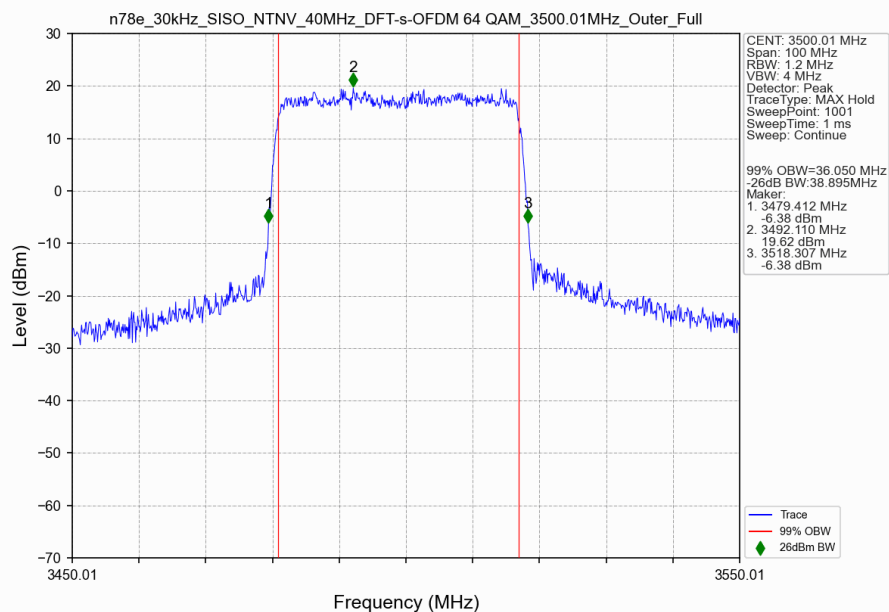
3.2.3 30_S_40M_NTNV



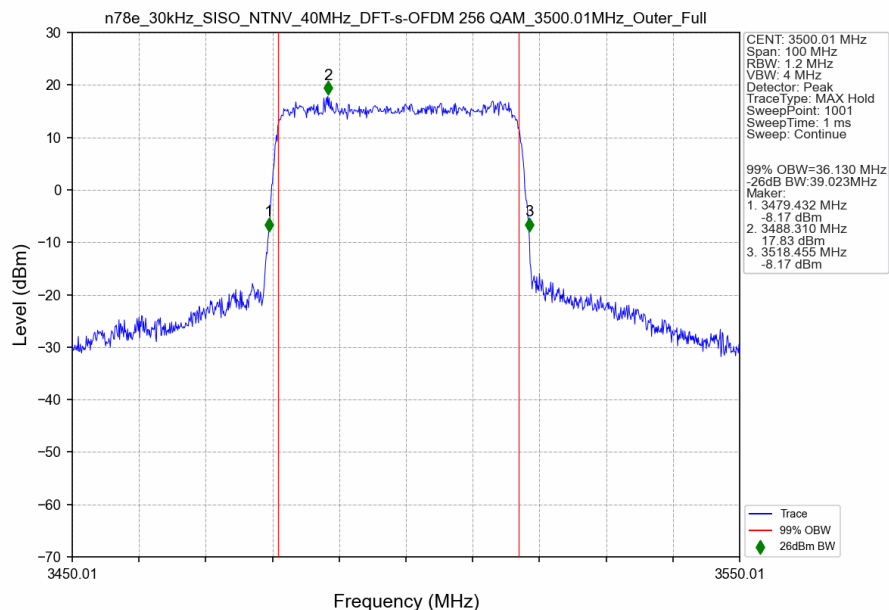
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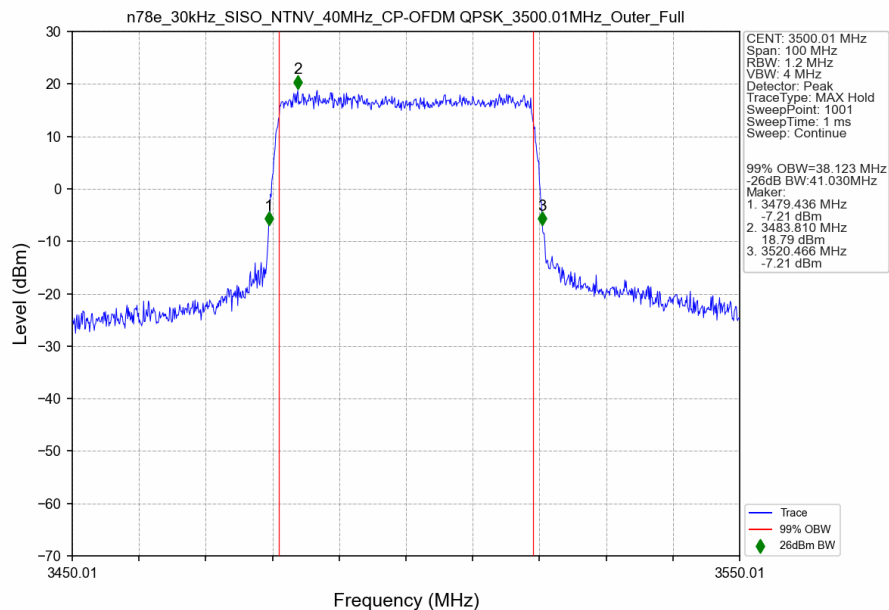
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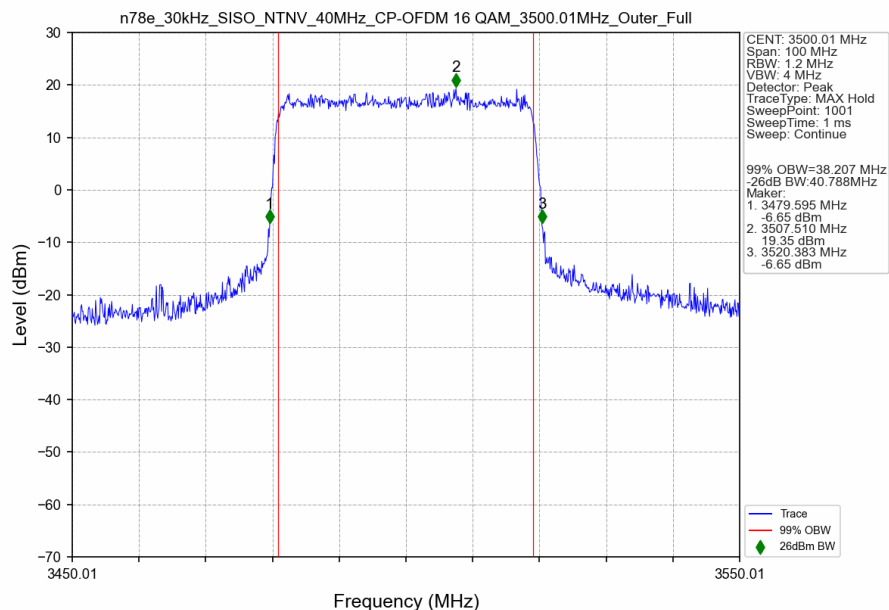
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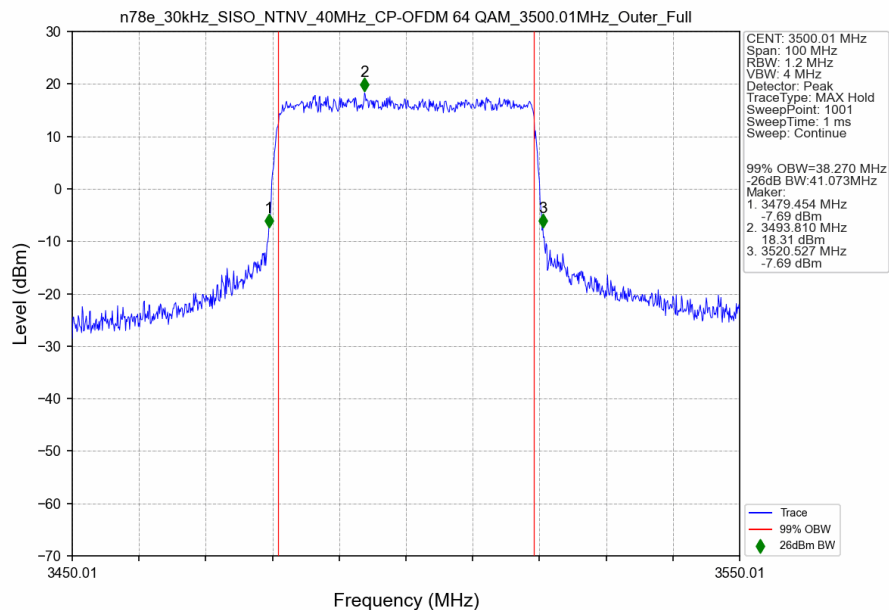
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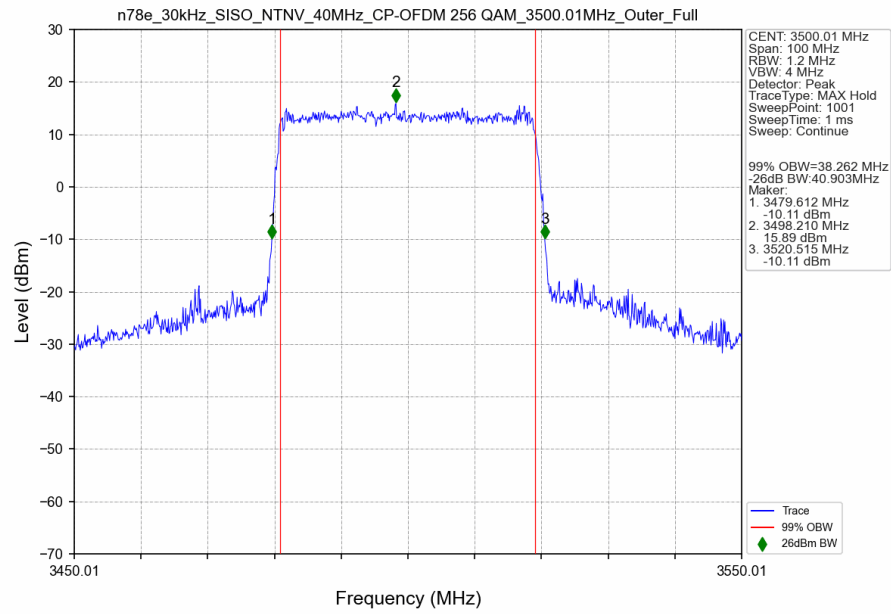
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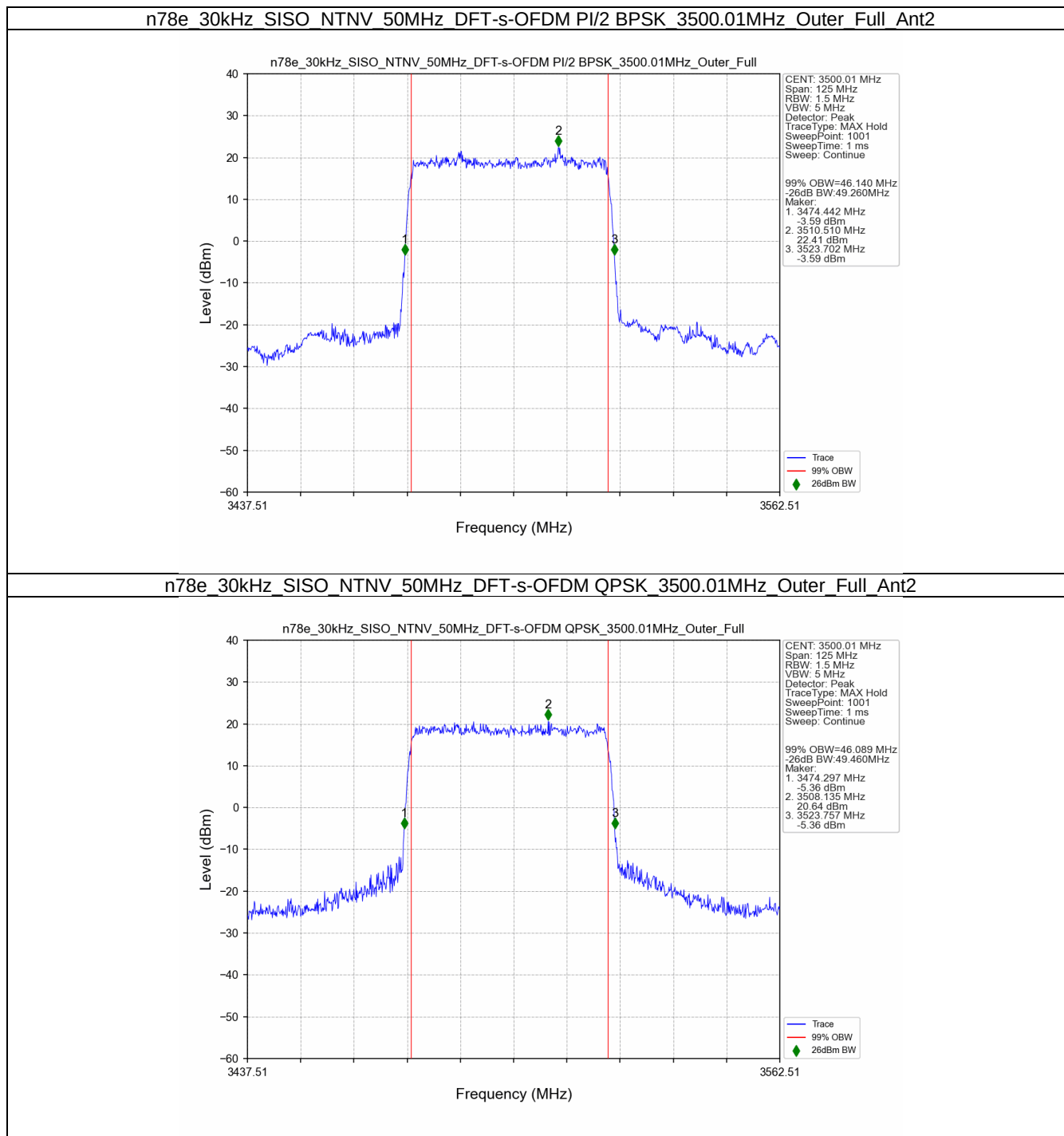
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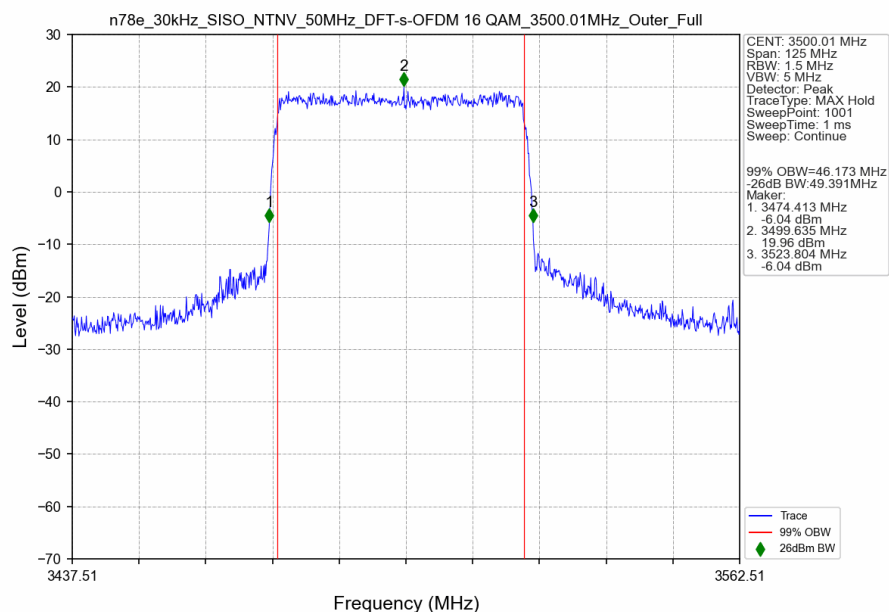
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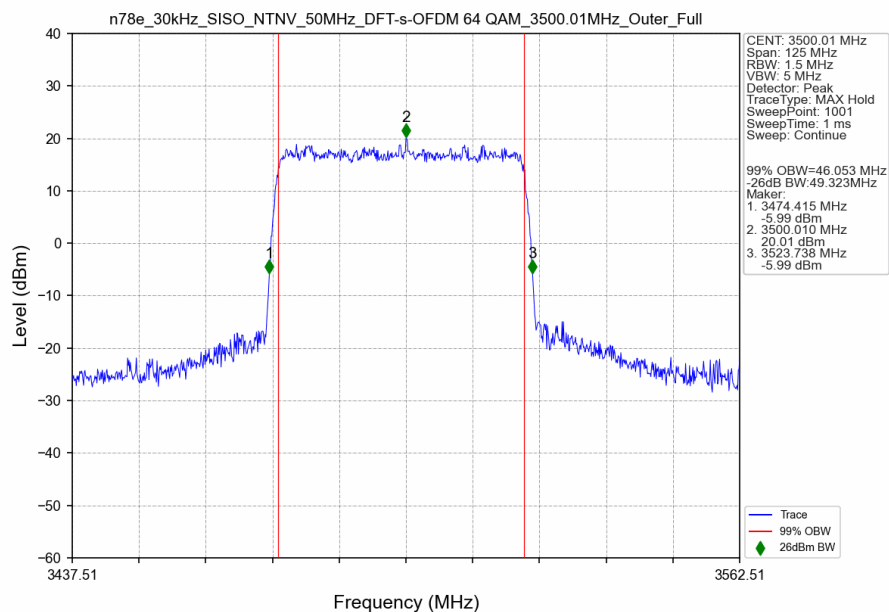
3.2.4 30_S_50M_NTNV



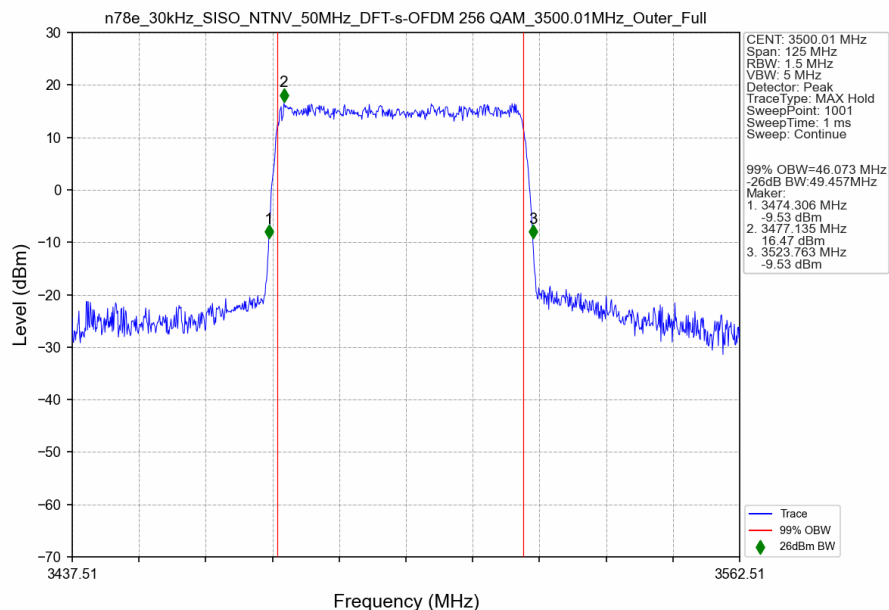
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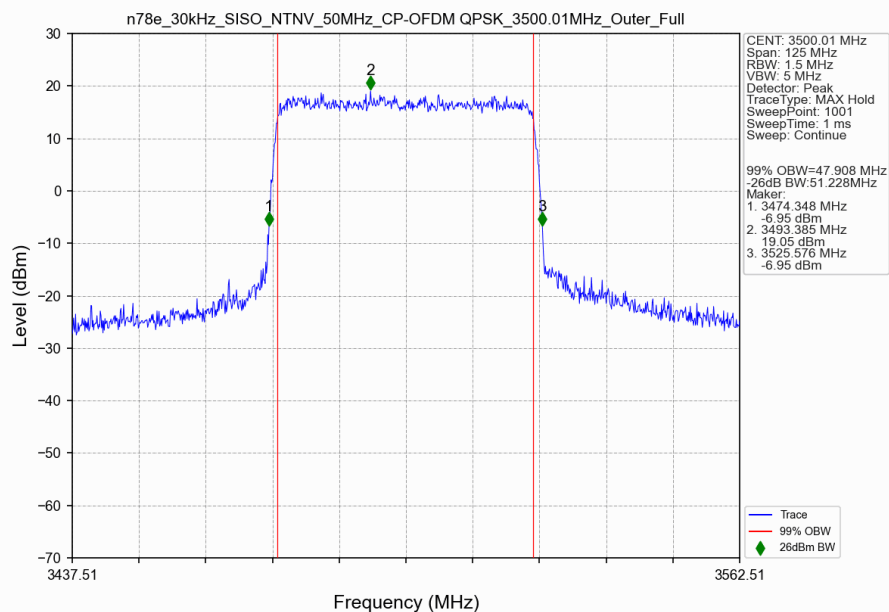
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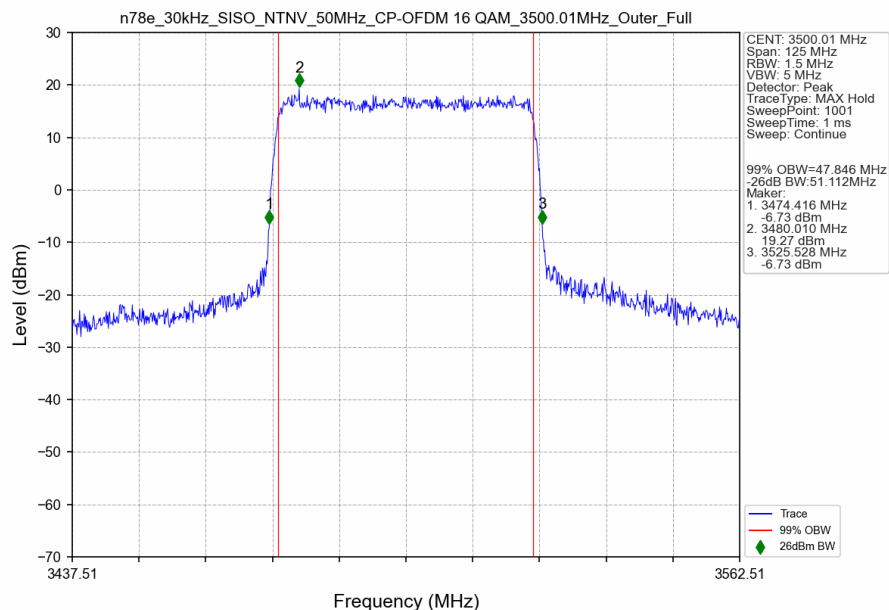
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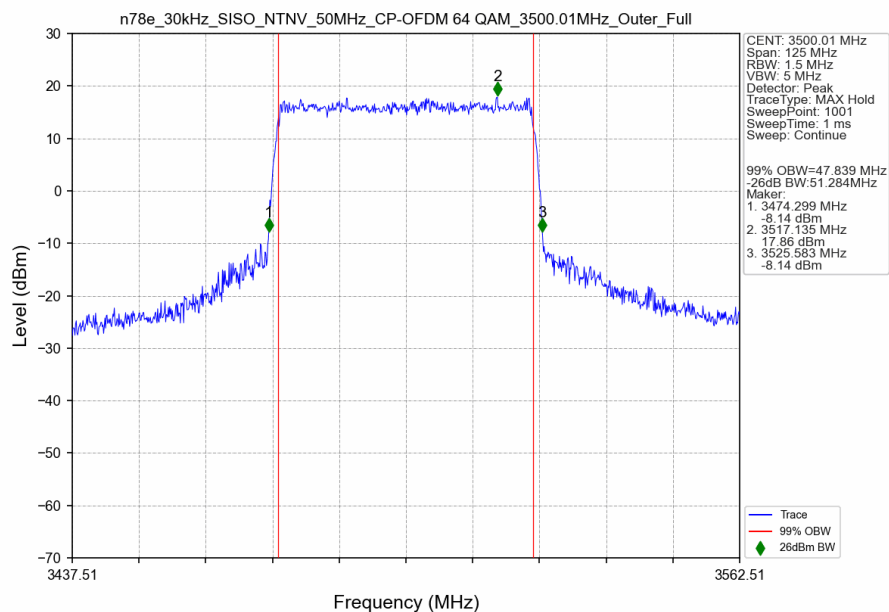
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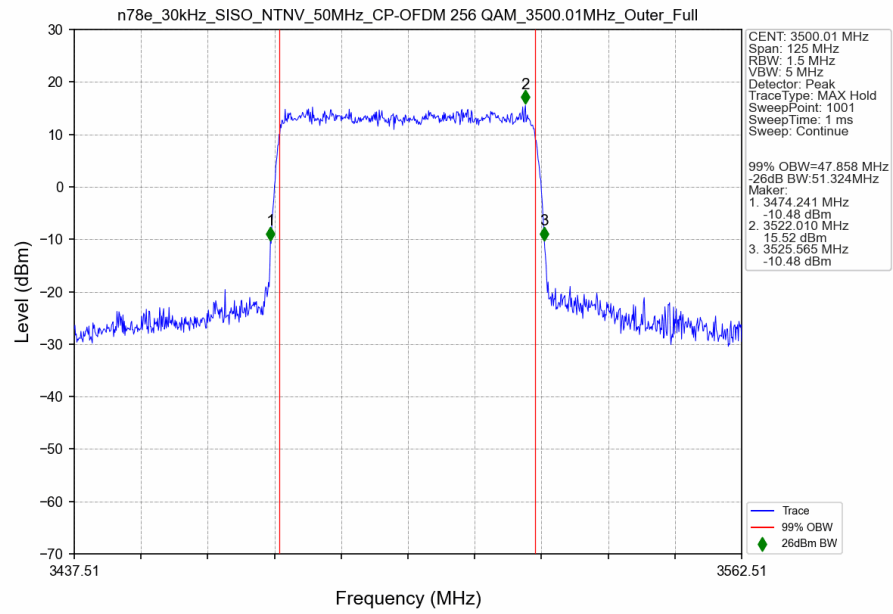
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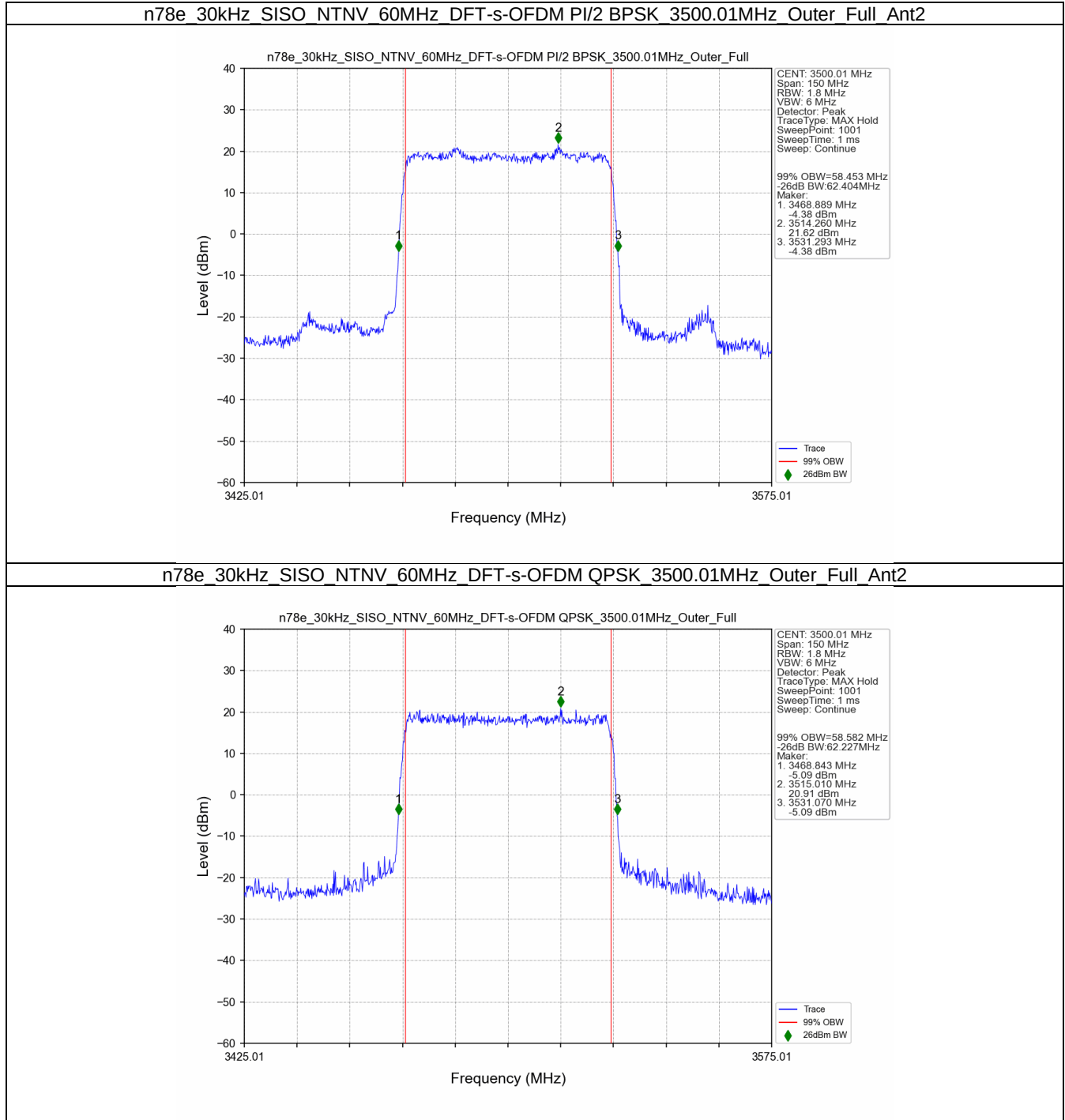
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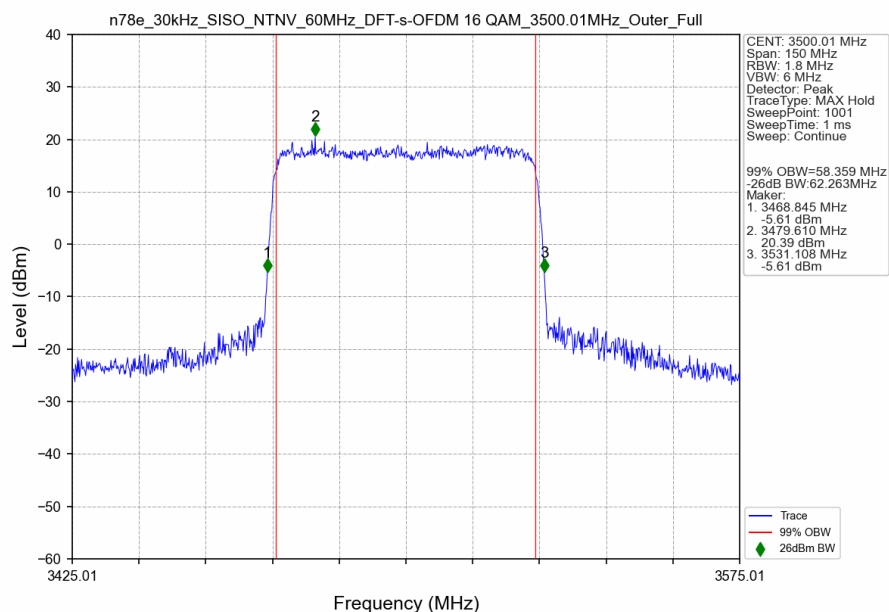
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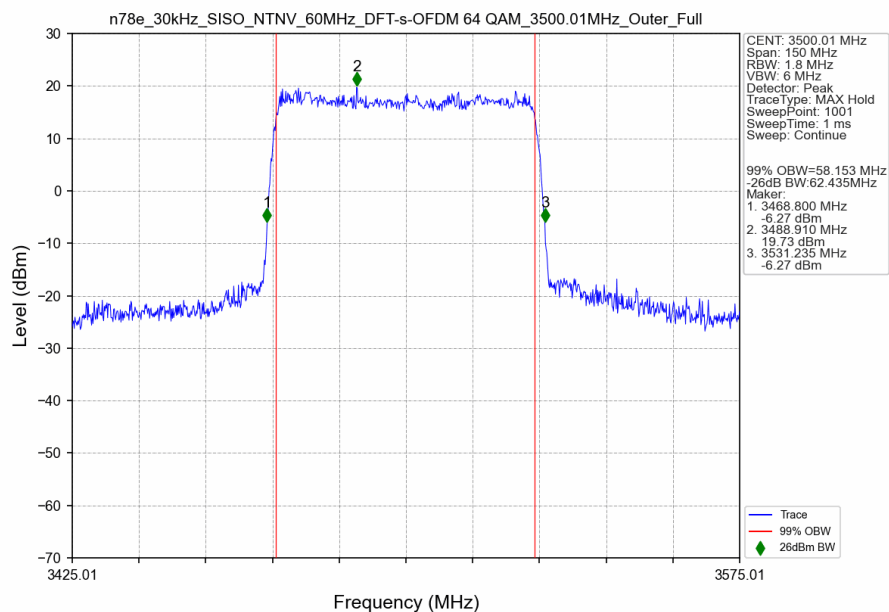
3.2.5 30_S_60M_NTNV



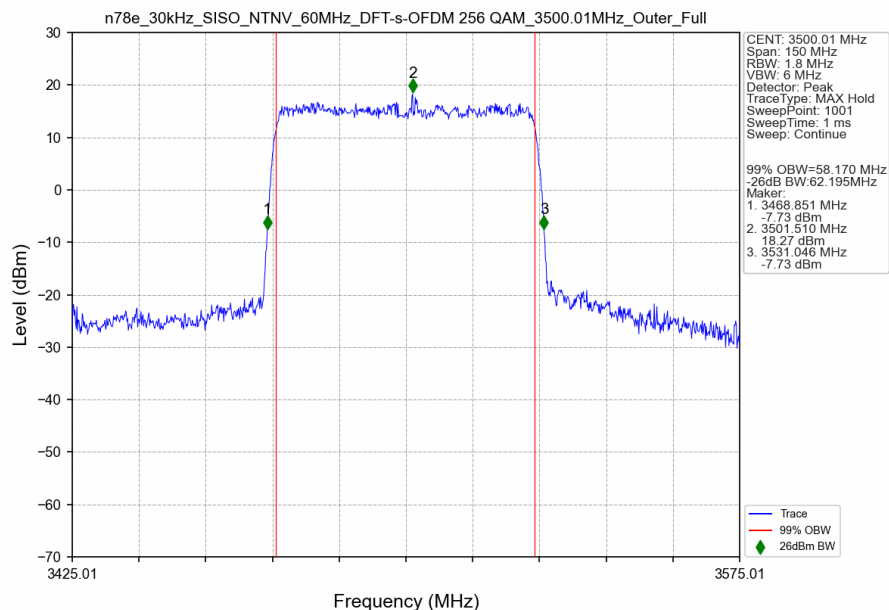
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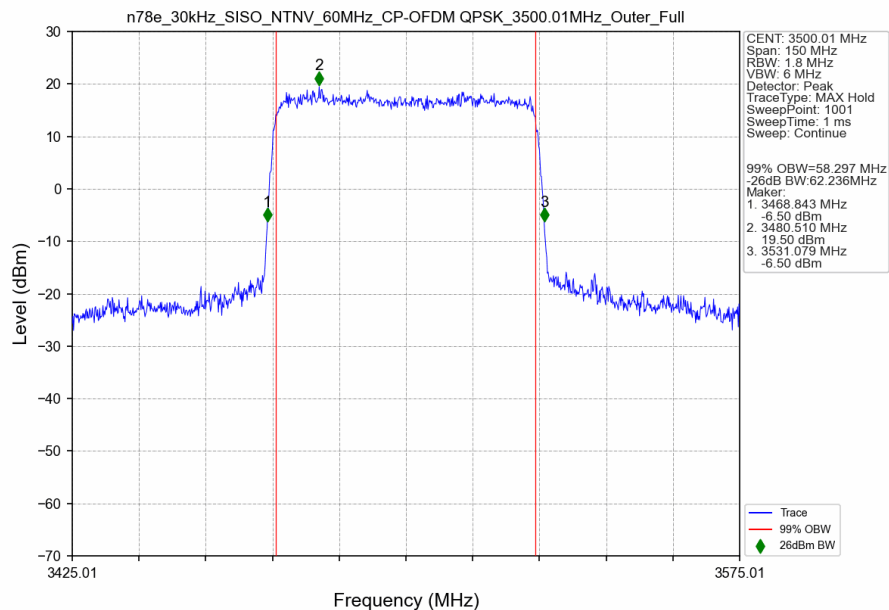
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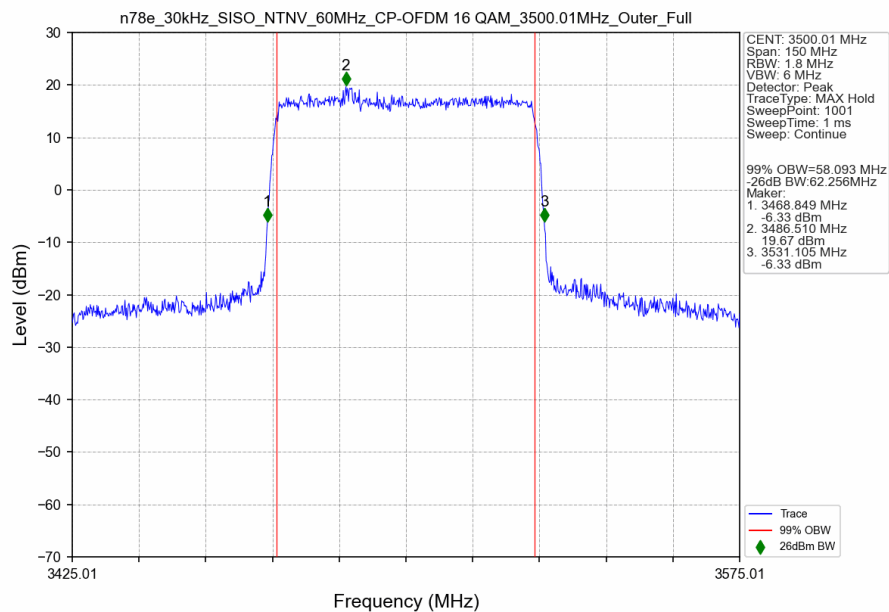
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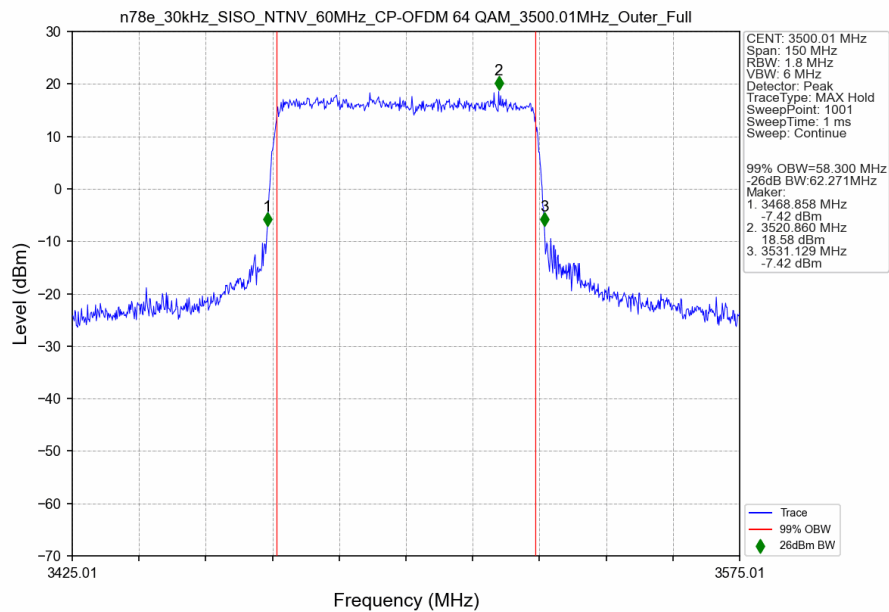
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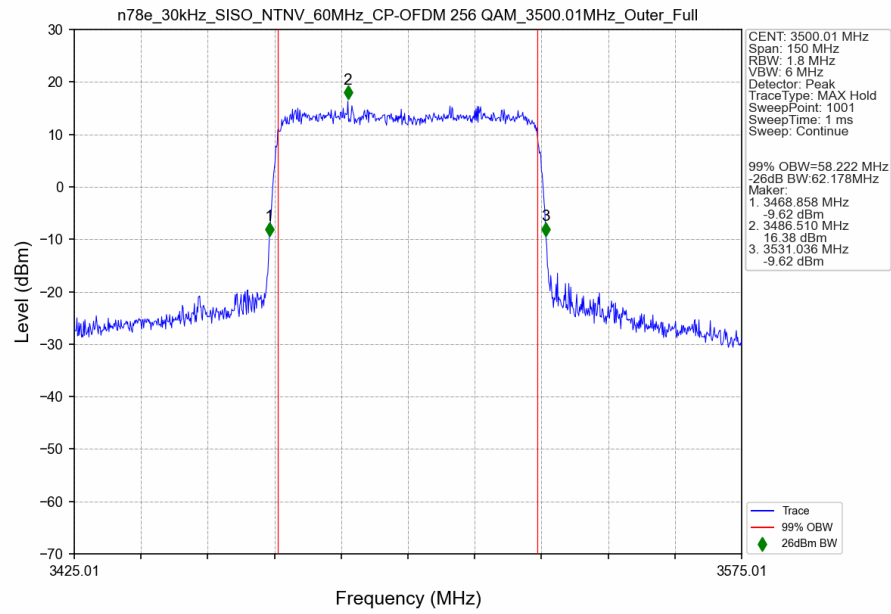
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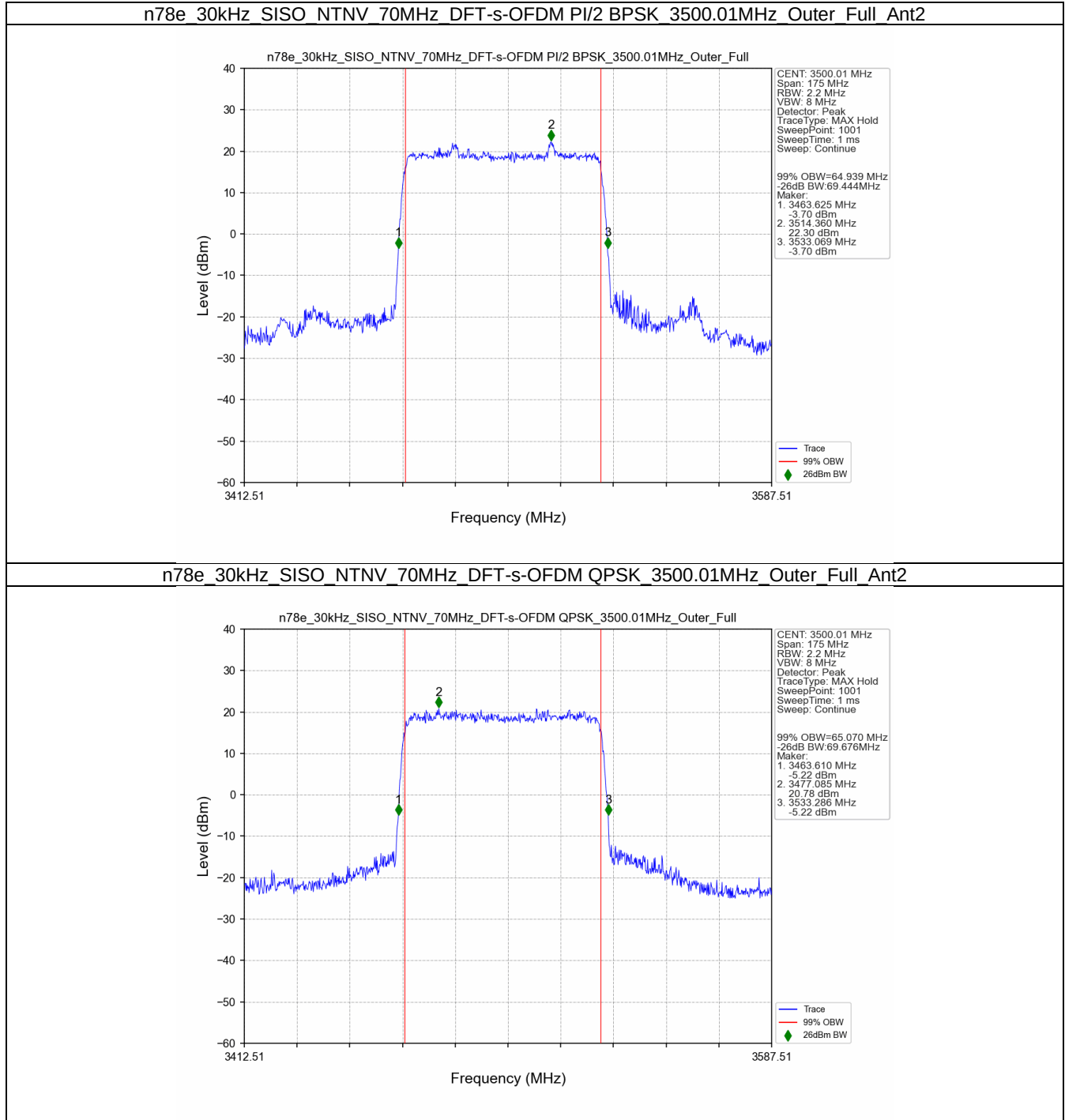
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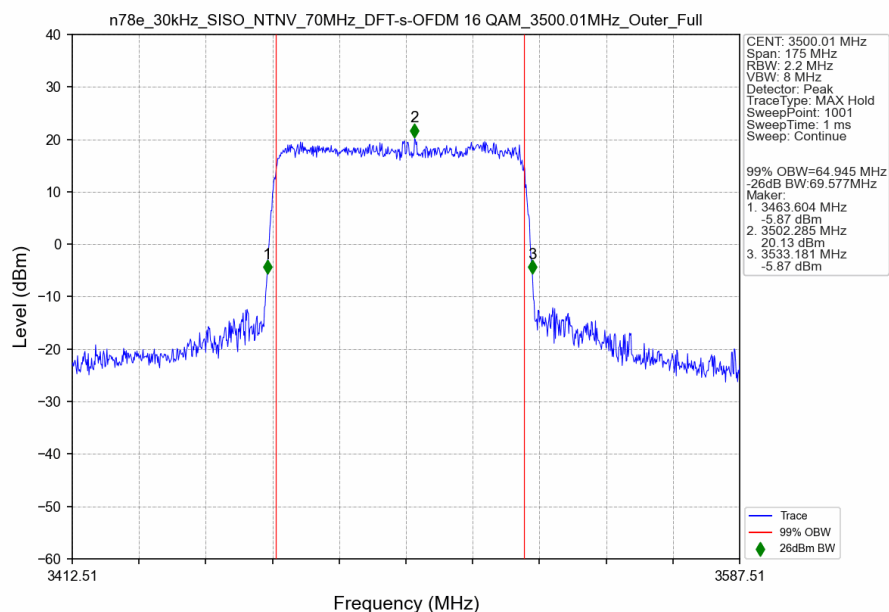
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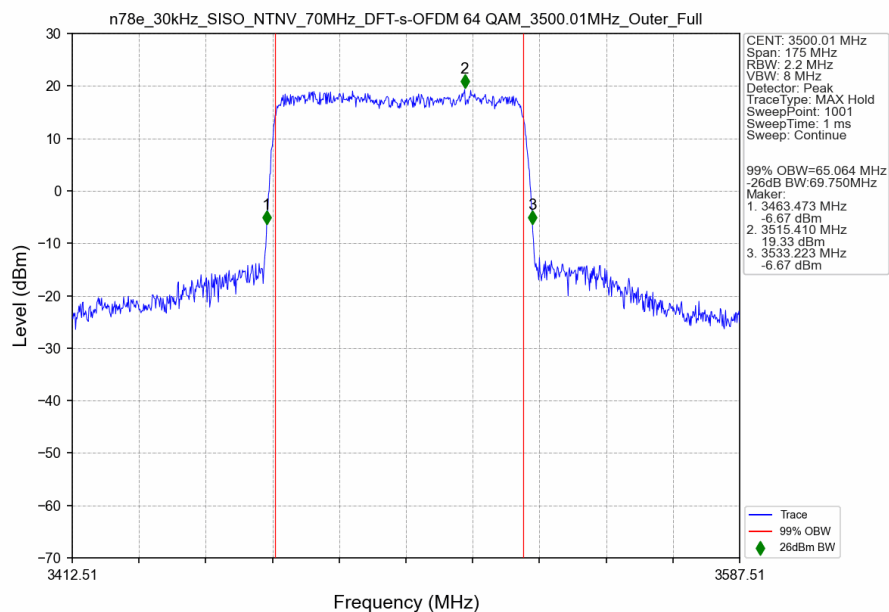
3.2.6 30_S_70M_NTNV



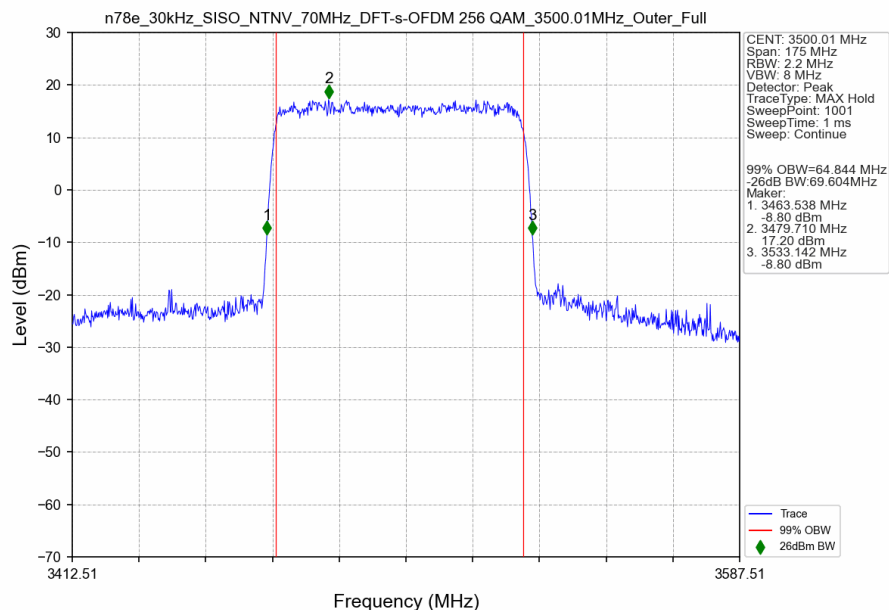
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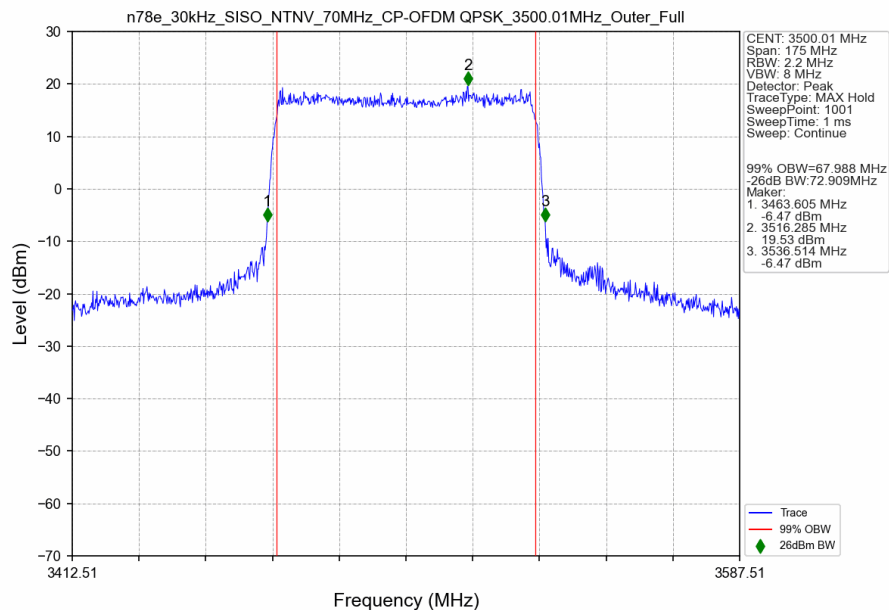
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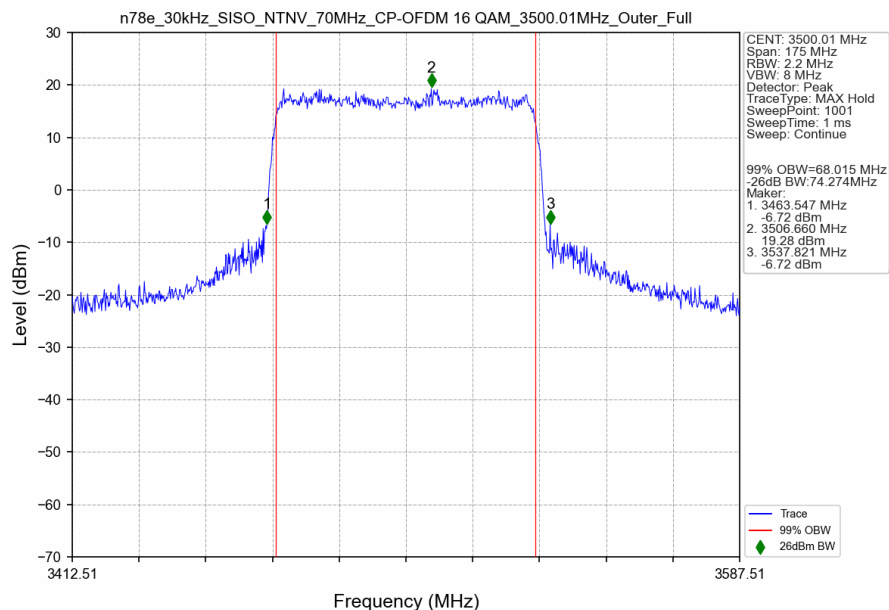
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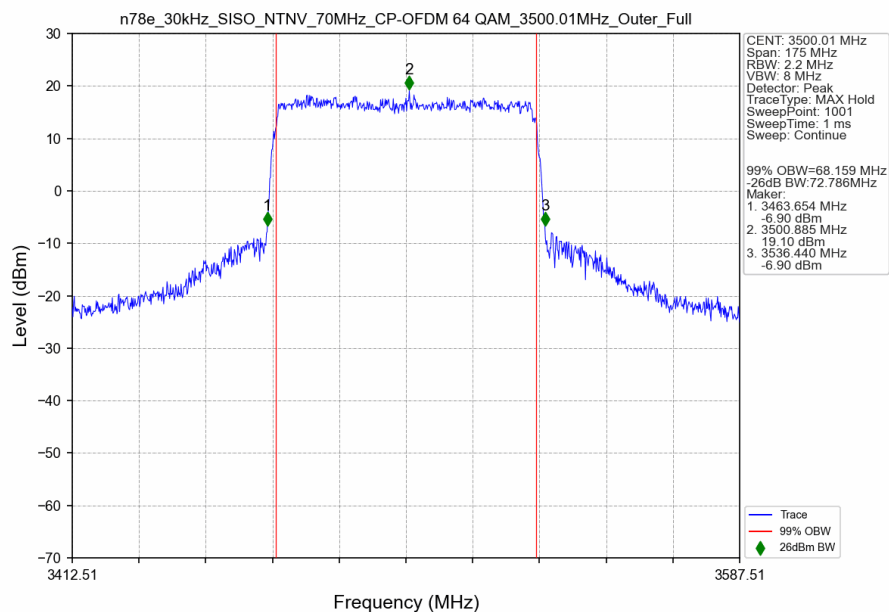
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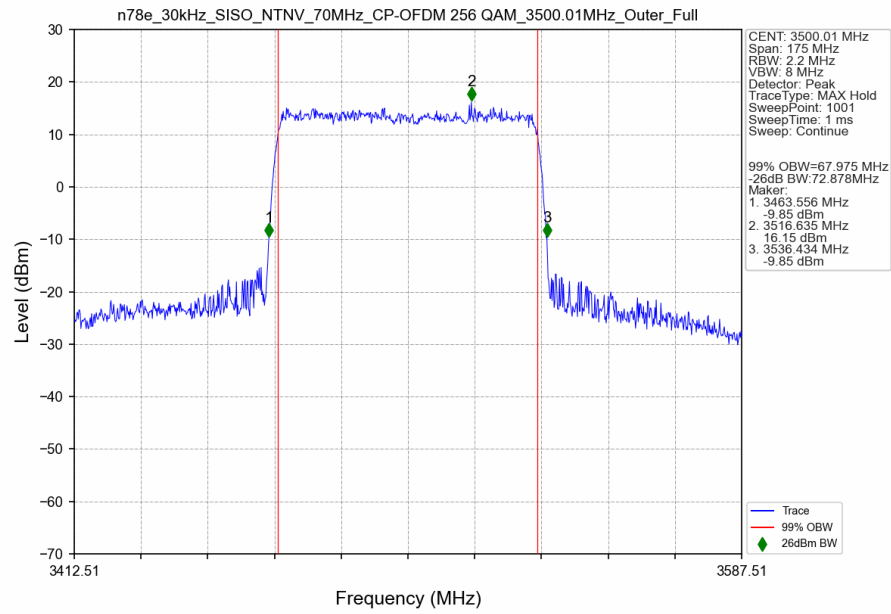
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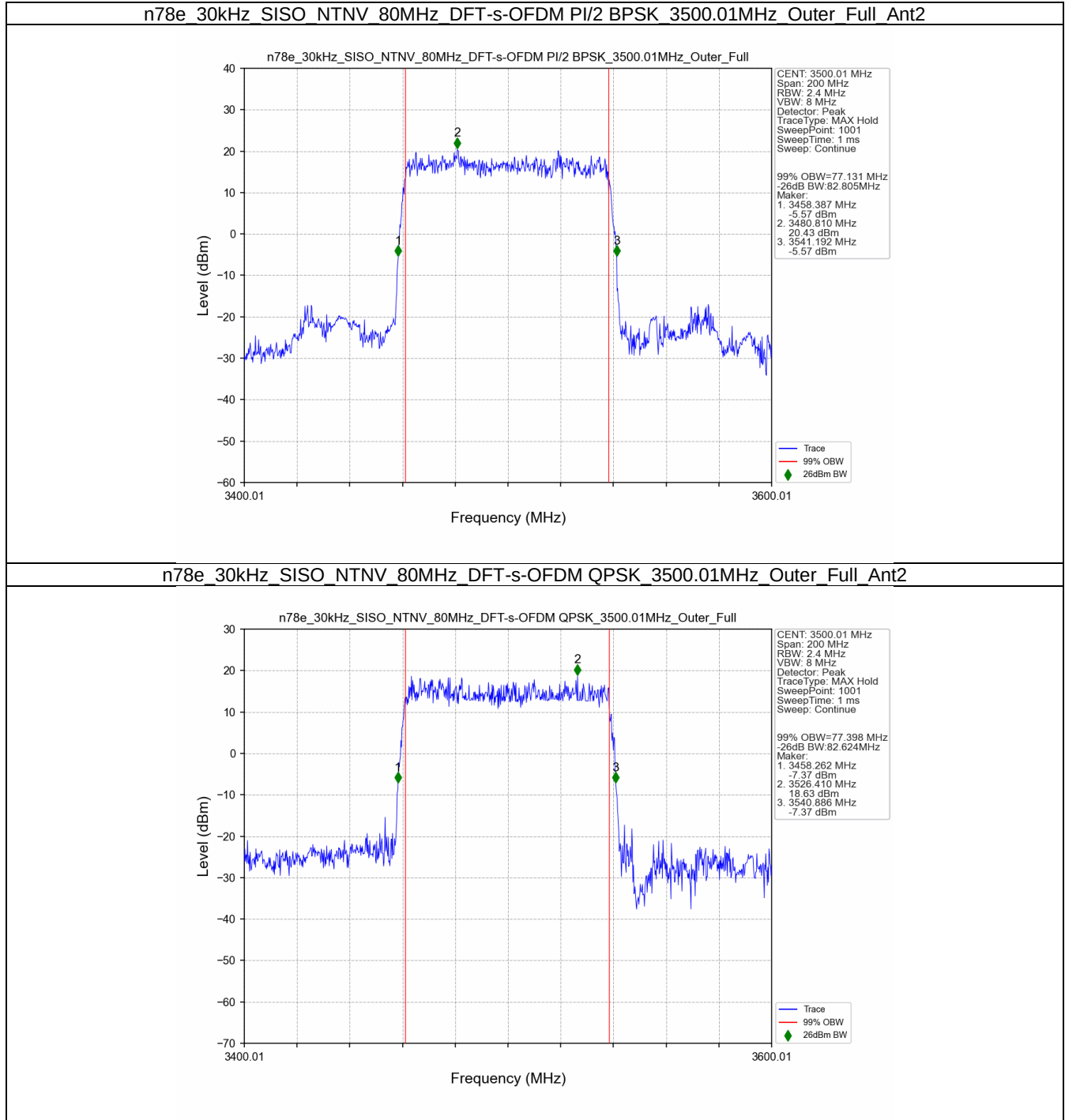
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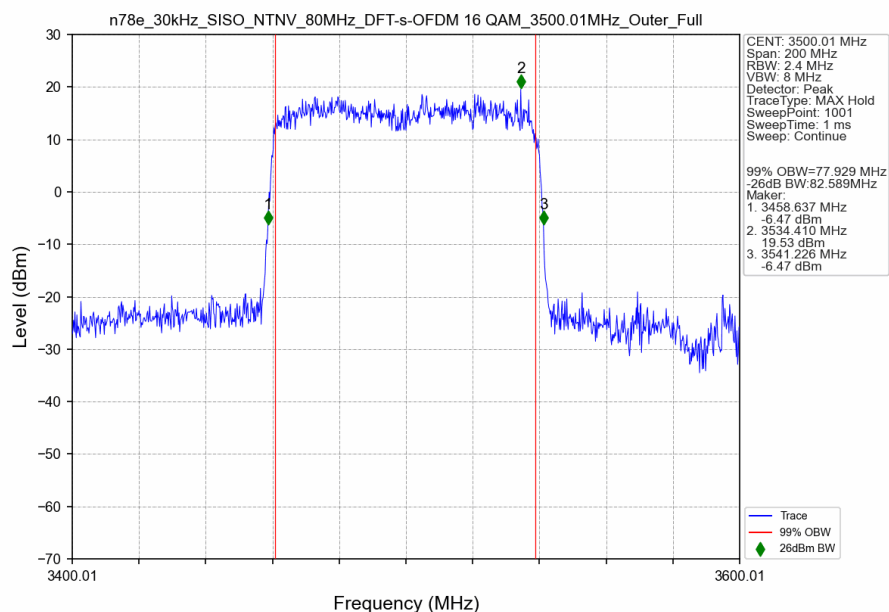
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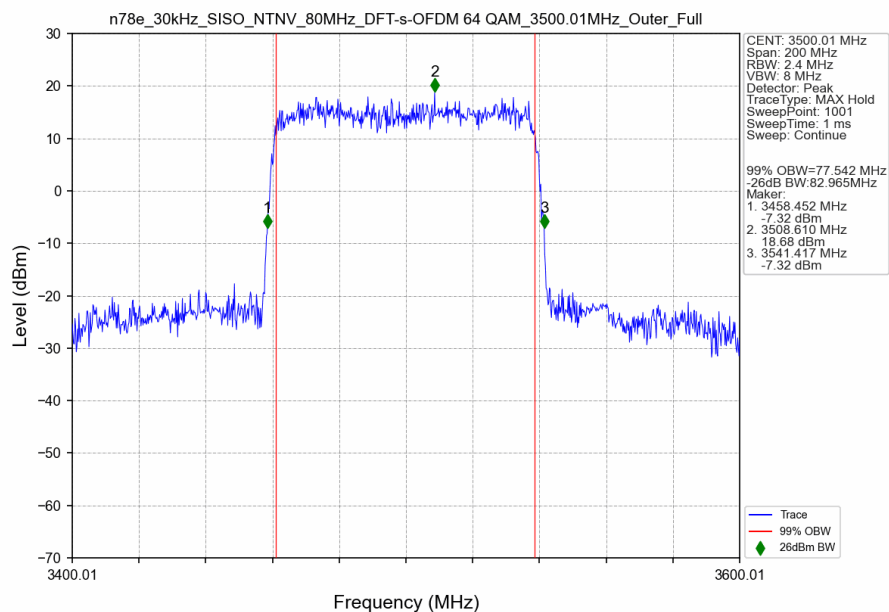
3.2.7 30_S_80M_NTNV



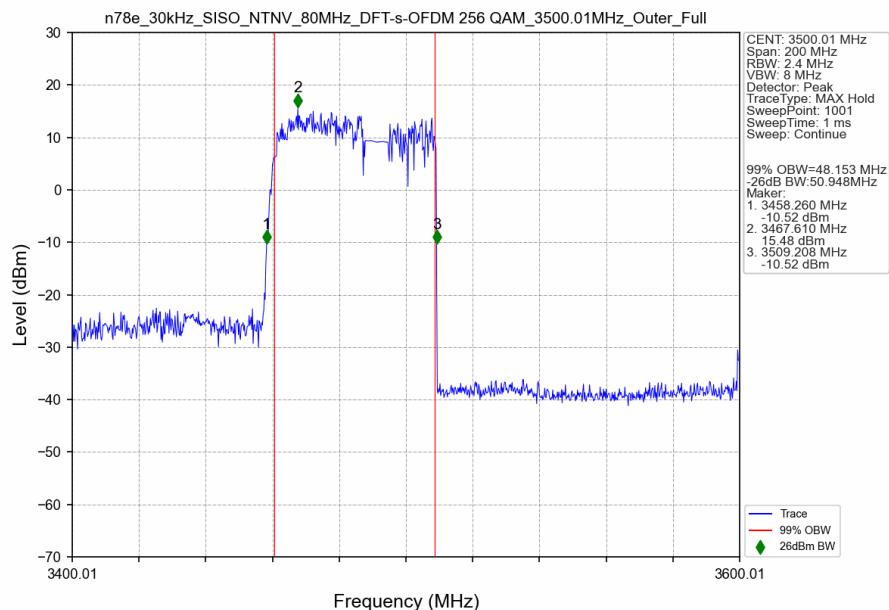
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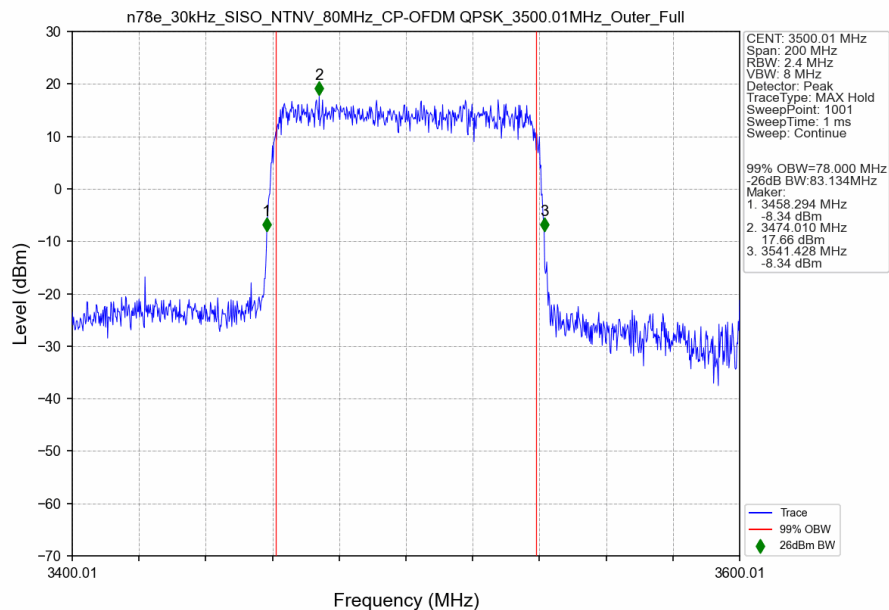
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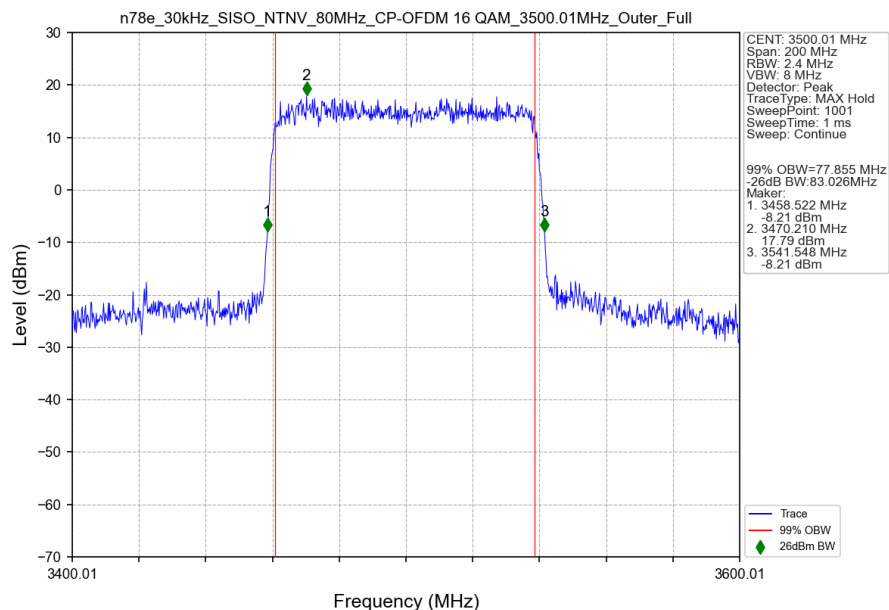
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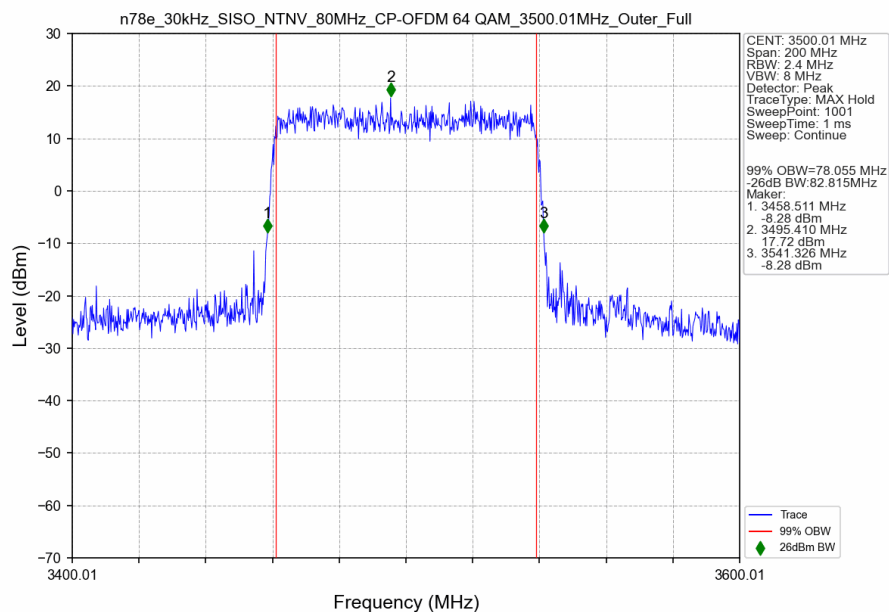
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n78e_30kHz_SISO_NTNV_80MHz_CP-OFDM 16 QAM_3500.01MHz_Outer_Full_Ant2



n78e_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full_Ant2



n78e_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant2

