

		Edge 1RB Right	18.42	/	/	18.50	/	/	<=30	Pass
		Outer Full	18.25	/	/	18.33	/	/	<=30	Pass
		Inner Full	18.30	/	/	18.38	/	/	<=30	Pass
		Inner 1RB Left	18.22	/	/	18.30	/	/	<=30	Pass
		Inner 1RB Right	18.36	/	/	18.44	/	/	<=30	Pass
	3500.01	Edge 1RB Left	18.29	/	/	18.37	/	/	<=30	Pass
		Edge 1RB Right	18.21	/	/	18.29	/	/	<=30	Pass
		Outer Full	18.28	/	/	18.36	/	/	<=30	Pass
		Inner Full	18.34	/	/	18.42	/	/	<=30	Pass
		Inner 1RB Left	18.33	/	/	18.41	/	/	<=30	Pass
	3525	Inner 1RB Right	18.27	/	/	18.35	/	/	<=30	Pass
		Edge 1RB Left	18.18	/	/	18.26	/	/	<=30	Pass
		Edge 1RB Right	18.57	/	/	18.65	/	/	<=30	Pass
		Outer Full	18.25	/	/	18.33	/	/	<=30	Pass
		Inner Full	18.20	/	/	18.28	/	/	<=30	Pass
		Inner 1RB Left	18.22	/	/	18.30	/	/	<=30	Pass
		Inner 1RB Right	18.58	/	/	18.66	/	/	<=30	Pass
Note1: Antenna Gain: Ant0: 0.08dBi; 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
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3480	Edge 1RB Left	21.26	/	/	21.34	/	/	<=30	Pass
		Edge 1RB Right	21.35	/	/	21.43	/	/	<=30	Pass
		Outer Full	24.21	/	/	24.29	/	/	<=30	Pass
		Inner Full	24.70	/	/	24.78	/	/	<=30	Pass
		Inner 1RB Left	24.70	/	/	24.78	/	/	<=30	Pass
		Inner 1RB Right	24.80	/	/	24.88	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.36	/	/	21.44	/	/	<=30	Pass
		Edge 1RB Right	21.19	/	/	21.27	/	/	<=30	Pass
		Outer Full	24.16	/	/	24.24	/	/	<=30	Pass
		Inner Full	24.69	/	/	24.77	/	/	<=30	Pass
		Inner 1RB Left	24.74	/	/	24.82	/	/	<=30	Pass
		Inner 1RB Right	24.63	/	/	24.71	/	/	<=30	Pass
	3519.99	Edge 1RB Left	21.20	/	/	21.28	/	/	<=30	Pass
		Edge 1RB Right	21.49	/	/	21.57	/	/	<=30	Pass
		Outer Full	24.25	/	/	24.33	/	/	<=30	Pass
		Inner Full	24.70	/	/	24.78	/	/	<=30	Pass
		Inner 1RB Left	24.63	/	/	24.71	/	/	<=30	Pass
		Inner 1RB Right	24.93	/	/	25.01	/	/	<=30	Pass
DFT-s-OFDM QPSK	3480	Edge 1RB Left	21.20	/	/	21.28	/	/	<=30	Pass
		Edge 1RB Right	21.38	/	/	21.46	/	/	<=30	Pass
		Outer Full	23.73	/	/	23.81	/	/	<=30	Pass
		Inner Full	24.77	/	/	24.85	/	/	<=30	Pass
		Inner 1RB Left	24.68	/	/	24.76	/	/	<=30	Pass
		Inner 1RB Right	24.72	/	/	24.80	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.32	/	/	21.40	/	/	<=30	Pass
		Edge 1RB Right	21.20	/	/	21.28	/	/	<=30	Pass
		Outer Full	23.71	/	/	23.79	/	/	<=30	Pass
		Inner Full	24.76	/	/	24.84	/	/	<=30	Pass
		Inner 1RB Left	24.67	/	/	24.75	/	/	<=30	Pass
		Inner 1RB Right	24.53	/	/	24.61	/	/	<=30	Pass
	3519.99	Edge 1RB Left	21.16	/	/	21.24	/	/	<=30	Pass
		Edge 1RB Right	21.50	/	/	21.58	/	/	<=30	Pass
		Outer Full	23.73	/	/	23.81	/	/	<=30	Pass

		Inner_Full	24.70	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Left	24.61	/	/	24.69	/	/	<=30	Pass
		Inner_1RB_Right	24.89	/	/	24.97	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3480	Edge_1RB_Left	20.99	/	/	21.07	/	/	<=30	Pass
		Edge_1RB_Right	21.23	/	/	21.31	/	/	<=30	Pass
		Outer_Full	22.73	/	/	22.81	/	/	<=30	Pass
		Inner_Full	23.73	/	/	23.81	/	/	<=30	Pass
		Inner_1RB_Left	23.39	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	23.57	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.11	/	/	21.19	/	/	<=30	Pass
		Edge_1RB_Right	21.01	/	/	21.09	/	/	<=30	Pass
		Outer_Full	22.72	/	/	22.80	/	/	<=30	Pass
		Inner_Full	23.75	/	/	23.83	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	23.40	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	21.00	/	/	21.08	/	/	<=30	Pass
		Edge_1RB_Right	21.32	/	/	21.40	/	/	<=30	Pass
		Outer_Full	22.73	/	/	22.81	/	/	<=30	Pass
		Inner_Full	23.68	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Left	23.47	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Right	23.76	/	/	23.84	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3480	Edge_1RB_Left	21.40	/	/	21.48	/	/	<=30	Pass
		Edge_1RB_Right	21.55	/	/	21.63	/	/	<=30	Pass
		Outer_Full	22.27	/	/	22.35	/	/	<=30	Pass
		Inner_Full	22.30	/	/	22.38	/	/	<=30	Pass
		Inner_1RB_Left	22.33	/	/	22.41	/	/	<=30	Pass
		Inner_1RB_Right	22.49	/	/	22.57	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.43	/	/	21.51	/	/	<=30	Pass
		Edge_1RB_Right	21.39	/	/	21.47	/	/	<=30	Pass
		Outer_Full	22.25	/	/	22.33	/	/	<=30	Pass
		Inner_Full	22.30	/	/	22.38	/	/	<=30	Pass
		Inner_1RB_Left	22.42	/	/	22.50	/	/	<=30	Pass
		Inner_1RB_Right	22.27	/	/	22.35	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	21.30	/	/	21.38	/	/	<=30	Pass
		Edge_1RB_Right	21.66	/	/	21.74	/	/	<=30	Pass
		Outer_Full	22.28	/	/	22.36	/	/	<=30	Pass
		Inner_Full	22.25	/	/	22.33	/	/	<=30	Pass
		Inner_1RB_Left	22.23	/	/	22.31	/	/	<=30	Pass
		Inner_1RB_Right	22.71	/	/	22.79	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3480	Edge_1RB_Left	20.23	/	/	20.31	/	/	<=30	Pass
		Edge_1RB_Right	20.37	/	/	20.45	/	/	<=30	Pass
		Outer_Full	20.35	/	/	20.43	/	/	<=30	Pass
		Inner_Full	20.28	/	/	20.36	/	/	<=30	Pass
		Inner_1RB_Left	20.25	/	/	20.33	/	/	<=30	Pass
		Inner_1RB_Right	20.37	/	/	20.45	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.33	/	/	20.41	/	/	<=30	Pass
		Edge_1RB_Right	20.19	/	/	20.27	/	/	<=30	Pass
		Outer_Full	20.30	/	/	20.38	/	/	<=30	Pass
		Inner_Full	20.29	/	/	20.37	/	/	<=30	Pass
		Inner_1RB_Left	20.32	/	/	20.40	/	/	<=30	Pass
		Inner_1RB_Right	20.19	/	/	20.27	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	20.15	/	/	20.23	/	/	<=30	Pass
		Edge_1RB_Right	20.51	/	/	20.59	/	/	<=30	Pass
		Outer_Full	20.29	/	/	20.37	/	/	<=30	Pass
		Inner_Full	20.26	/	/	20.34	/	/	<=30	Pass
		Inner_1RB_Left	20.20	/	/	20.28	/	/	<=30	Pass
		Inner_1RB_Right	20.48	/	/	20.56	/	/	<=30	Pass
CP-OFDM QPSK	3480	Edge_1RB_Left	21.06	/	/	21.14	/	/	<=30	Pass
		Edge_1RB_Right	21.26	/	/	21.34	/	/	<=30	Pass

		Outer_Full	21.75	/	/	21.83	/	/	<=30	Pass
		Inner_Full	23.23	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Left	23.05	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Right	23.29	/	/	23.37	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.21	/	/	21.29	/	/	<=30	Pass
		Edge_1RB_Right	21.16	/	/	21.24	/	/	<=30	Pass
		Outer_Full	21.72	/	/	21.80	/	/	<=30	Pass
		Inner_Full	23.23	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Left	23.21	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Right	23.08	/	/	23.16	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	21.05	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Right	21.43	/	/	21.51	/	/	<=30	Pass
		Outer_Full	21.75	/	/	21.83	/	/	<=30	Pass
		Inner_Full	23.16	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Left	22.98	/	/	23.06	/	/	<=30	Pass
		Inner_1RB_Right	23.33	/	/	23.41	/	/	<=30	Pass
CP-OFDM 16 QAM	3480	Edge_1RB_Left	20.99	/	/	21.07	/	/	<=30	Pass
		Edge_1RB_Right	21.13	/	/	21.21	/	/	<=30	Pass
		Outer_Full	21.76	/	/	21.84	/	/	<=30	Pass
		Inner_Full	22.70	/	/	22.78	/	/	<=30	Pass
		Inner_1RB_Left	22.52	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Right	22.68	/	/	22.76	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.06	/	/	21.14	/	/	<=30	Pass
		Edge_1RB_Right	20.93	/	/	21.01	/	/	<=30	Pass
		Outer_Full	21.72	/	/	21.80	/	/	<=30	Pass
		Inner_Full	22.72	/	/	22.80	/	/	<=30	Pass
		Inner_1RB_Left	22.64	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Right	22.49	/	/	22.57	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	20.93	/	/	21.01	/	/	<=30	Pass
		Edge_1RB_Right	21.22	/	/	21.30	/	/	<=30	Pass
		Outer_Full	21.75	/	/	21.83	/	/	<=30	Pass
		Inner_Full	22.67	/	/	22.75	/	/	<=30	Pass
		Inner_1RB_Left	22.34	/	/	22.42	/	/	<=30	Pass
		Inner_1RB_Right	22.74	/	/	22.82	/	/	<=30	Pass
CP-OFDM 64 QAM	3480	Edge_1RB_Left	21.43	/	/	21.51	/	/	<=30	Pass
		Edge_1RB_Right	21.55	/	/	21.63	/	/	<=30	Pass
		Outer_Full	21.25	/	/	21.33	/	/	<=30	Pass
		Inner_Full	21.29	/	/	21.37	/	/	<=30	Pass
		Inner_1RB_Left	21.37	/	/	21.45	/	/	<=30	Pass
		Inner_1RB_Right	21.60	/	/	21.68	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.50	/	/	21.58	/	/	<=30	Pass
		Edge_1RB_Right	21.36	/	/	21.44	/	/	<=30	Pass
		Outer_Full	21.24	/	/	21.32	/	/	<=30	Pass
		Inner_Full	21.28	/	/	21.36	/	/	<=30	Pass
		Inner_1RB_Left	21.55	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Right	21.40	/	/	21.48	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	21.37	/	/	21.45	/	/	<=30	Pass
		Edge_1RB_Right	21.74	/	/	21.82	/	/	<=30	Pass
		Outer_Full	21.27	/	/	21.35	/	/	<=30	Pass
		Inner_Full	21.23	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Left	21.40	/	/	21.48	/	/	<=30	Pass
		Inner_1RB_Right	21.70	/	/	21.78	/	/	<=30	Pass
CP-OFDM 256 QAM	3480	Edge_1RB_Left	18.35	/	/	18.43	/	/	<=30	Pass
		Edge_1RB_Right	18.50	/	/	18.58	/	/	<=30	Pass
		Outer_Full	18.34	/	/	18.42	/	/	<=30	Pass
		Inner_Full	18.31	/	/	18.39	/	/	<=30	Pass
		Inner_1RB_Left	18.40	/	/	18.48	/	/	<=30	Pass
		Inner_1RB_Right	18.49	/	/	18.57	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.44	/	/	18.52	/	/	<=30	Pass

		Edge 1RB Right	18.29	/	/	18.37	/	/	<=30	Pass
		Outer Full	18.28	/	/	18.36	/	/	<=30	Pass
		Inner Full	18.34	/	/	18.42	/	/	<=30	Pass
		Inner 1RB Left	18.47	/	/	18.55	/	/	<=30	Pass
		Inner 1RB Right	18.30	/	/	18.38	/	/	<=30	Pass
	3519.99	Edge 1RB Left	18.30	/	/	18.38	/	/	<=30	Pass
		Edge 1RB Right	18.64	/	/	18.72	/	/	<=30	Pass
		Outer Full	18.34	/	/	18.42	/	/	<=30	Pass
		Inner Full	18.28	/	/	18.36	/	/	<=30	Pass
		Inner 1RB Left	18.29	/	/	18.37	/	/	<=30	Pass
		Inner 1RB Right	18.63	/	/	18.71	/	/	<=30	Pass
Note1: Antenna Gain: Ant0: 0.08dBi; 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
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3485.01	Edge 1RB Left	21.19	/	/	21.27	/	/	<=30	Pass
		Edge 1RB Right	21.36	/	/	21.44	/	/	<=30	Pass
		Outer Full	24.13	/	/	24.21	/	/	<=30	Pass
		Inner Full	24.56	/	/	24.64	/	/	<=30	Pass
		Inner 1RB Left	24.60	/	/	24.68	/	/	<=30	Pass
		Inner 1RB Right	24.74	/	/	24.82	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.39	/	/	21.47	/	/	<=30	Pass
		Edge 1RB Right	21.16	/	/	21.24	/	/	<=30	Pass
		Outer Full	24.24	/	/	24.32	/	/	<=30	Pass
		Inner Full	24.68	/	/	24.76	/	/	<=30	Pass
		Inner 1RB Left	24.74	/	/	24.82	/	/	<=30	Pass
		Inner 1RB Right	24.53	/	/	24.61	/	/	<=30	Pass
	3514.98	Edge 1RB Left	21.35	/	/	21.43	/	/	<=30	Pass
		Edge 1RB Right	21.37	/	/	21.45	/	/	<=30	Pass
		Outer Full	24.31	/	/	24.39	/	/	<=30	Pass
Inner Full		24.80	/	/	24.88	/	/	<=30	Pass	
Inner 1RB Left		24.71	/	/	24.79	/	/	<=30	Pass	
Inner 1RB Right		24.82	/	/	24.90	/	/	<=30	Pass	
DFT-s-OFDM QPSK	3485.01	Edge 1RB Left	21.18	/	/	21.26	/	/	<=30	Pass
		Edge 1RB Right	21.33	/	/	21.41	/	/	<=30	Pass
		Outer Full	23.74	/	/	23.82	/	/	<=30	Pass
		Inner Full	24.66	/	/	24.74	/	/	<=30	Pass
		Inner 1RB Left	24.62	/	/	24.70	/	/	<=30	Pass
		Inner 1RB Right	24.69	/	/	24.77	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.36	/	/	21.44	/	/	<=30	Pass
		Edge 1RB Right	21.14	/	/	21.22	/	/	<=30	Pass
		Outer Full	23.79	/	/	23.87	/	/	<=30	Pass
		Inner Full	24.70	/	/	24.78	/	/	<=30	Pass
		Inner 1RB Left	24.78	/	/	24.86	/	/	<=30	Pass
		Inner 1RB Right	24.51	/	/	24.59	/	/	<=30	Pass
	3514.98	Edge 1RB Left	21.35	/	/	21.43	/	/	<=30	Pass
		Edge 1RB Right	21.36	/	/	21.44	/	/	<=30	Pass
		Outer Full	23.86	/	/	23.94	/	/	<=30	Pass
Inner Full		24.74	/	/	24.82	/	/	<=30	Pass	
Inner 1RB Left		24.71	/	/	24.79	/	/	<=30	Pass	
Inner 1RB Right		24.80	/	/	24.88	/	/	<=30	Pass	
DFT-s-OFDM 16 QAM	3485.01	Edge 1RB Left	20.99	/	/	21.07	/	/	<=30	Pass
		Edge 1RB Right	21.20	/	/	21.28	/	/	<=30	Pass
		Outer Full	22.77	/	/	22.85	/	/	<=30	Pass

		Inner_Full	23.74	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Left	23.33	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Right	23.60	/	/	23.68	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.18	/	/	21.26	/	/	<=30	Pass
		Edge_1RB_Right	20.95	/	/	21.03	/	/	<=30	Pass
		Outer_Full	22.82	/	/	22.90	/	/	<=30	Pass
		Inner_Full	23.83	/	/	23.91	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Right	23.36	/	/	23.44	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.23	/	/	21.31	/	/	<=30	Pass
		Edge_1RB_Right	21.17	/	/	21.25	/	/	<=30	Pass
		Outer_Full	22.89	/	/	22.97	/	/	<=30	Pass
		Inner_Full	23.89	/	/	23.97	/	/	<=30	Pass
		Inner_1RB_Left	23.64	/	/	23.72	/	/	<=30	Pass
		Inner_1RB_Right	23.50	/	/	23.58	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3485.01	Edge_1RB_Left	21.41	/	/	21.49	/	/	<=30	Pass
		Edge_1RB_Right	21.57	/	/	21.65	/	/	<=30	Pass
		Outer_Full	22.31	/	/	22.39	/	/	<=30	Pass
		Inner_Full	22.25	/	/	22.33	/	/	<=30	Pass
		Inner_1RB_Left	22.35	/	/	22.43	/	/	<=30	Pass
		Inner_1RB_Right	22.44	/	/	22.52	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.59	/	/	21.67	/	/	<=30	Pass
		Edge_1RB_Right	21.38	/	/	21.46	/	/	<=30	Pass
		Outer_Full	22.32	/	/	22.40	/	/	<=30	Pass
		Inner_Full	22.36	/	/	22.44	/	/	<=30	Pass
		Inner_1RB_Left	22.49	/	/	22.57	/	/	<=30	Pass
		Inner_1RB_Right	22.26	/	/	22.34	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.55	/	/	21.63	/	/	<=30	Pass
		Edge_1RB_Right	21.57	/	/	21.65	/	/	<=30	Pass
		Outer_Full	22.38	/	/	22.46	/	/	<=30	Pass
		Inner_Full	22.38	/	/	22.46	/	/	<=30	Pass
		Inner_1RB_Left	22.46	/	/	22.54	/	/	<=30	Pass
		Inner_1RB_Right	22.45	/	/	22.53	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3485.01	Edge_1RB_Left	20.16	/	/	20.24	/	/	<=30	Pass
		Edge_1RB_Right	20.34	/	/	20.42	/	/	<=30	Pass
		Outer_Full	20.37	/	/	20.45	/	/	<=30	Pass
		Inner_Full	20.30	/	/	20.38	/	/	<=30	Pass
		Inner_1RB_Left	20.23	/	/	20.31	/	/	<=30	Pass
		Inner_1RB_Right	20.34	/	/	20.42	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.44	/	/	20.52	/	/	<=30	Pass
		Edge_1RB_Right	20.21	/	/	20.29	/	/	<=30	Pass
		Outer_Full	20.41	/	/	20.49	/	/	<=30	Pass
		Inner_Full	20.42	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Left	20.37	/	/	20.45	/	/	<=30	Pass
		Inner_1RB_Right	20.18	/	/	20.26	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	20.37	/	/	20.45	/	/	<=30	Pass
		Edge_1RB_Right	20.38	/	/	20.46	/	/	<=30	Pass
		Outer_Full	20.45	/	/	20.53	/	/	<=30	Pass
		Inner_Full	20.46	/	/	20.54	/	/	<=30	Pass
		Inner_1RB_Left	20.38	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Right	20.38	/	/	20.46	/	/	<=30	Pass
CP-OFDM QPSK	3485.01	Edge_1RB_Left	21.06	/	/	21.14	/	/	<=30	Pass
		Edge_1RB_Right	21.26	/	/	21.34	/	/	<=30	Pass
		Outer_Full	21.78	/	/	21.86	/	/	<=30	Pass
		Inner_Full	23.20	/	/	23.28	/	/	<=30	Pass
		Inner_1RB_Left	22.97	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Right	23.17	/	/	23.25	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.16	/	/	21.24	/	/	<=30	Pass
		Edge_1RB_Right	21.07	/	/	21.15	/	/	<=30	Pass

		Outer_Full	21.85	/	/	21.93	/	/	<=30	Pass
		Inner_Full	23.29	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Left	23.18	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Right	23.11	/	/	23.19	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.26	/	/	21.34	/	/	<=30	Pass
		Edge_1RB_Right	21.37	/	/	21.45	/	/	<=30	Pass
		Outer_Full	21.88	/	/	21.96	/	/	<=30	Pass
		Inner_Full	23.39	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Left	23.22	/	/	23.30	/	/	<=30	Pass
		Inner_1RB_Right	23.28	/	/	23.36	/	/	<=30	Pass
CP-OFDM 16 QAM	3485.01	Edge_1RB_Left	21.03	/	/	21.11	/	/	<=30	Pass
		Edge_1RB_Right	21.20	/	/	21.28	/	/	<=30	Pass
		Outer_Full	21.78	/	/	21.86	/	/	<=30	Pass
		Inner_Full	22.74	/	/	22.82	/	/	<=30	Pass
		Inner_1RB_Left	22.27	/	/	22.35	/	/	<=30	Pass
		Inner_1RB_Right	22.65	/	/	22.73	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.22	/	/	21.30	/	/	<=30	Pass
		Edge_1RB_Right	21.01	/	/	21.09	/	/	<=30	Pass
		Outer_Full	21.83	/	/	21.91	/	/	<=30	Pass
		Inner_Full	22.84	/	/	22.92	/	/	<=30	Pass
		Inner_1RB_Left	22.56	/	/	22.64	/	/	<=30	Pass
		Inner_1RB_Right	22.54	/	/	22.62	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.17	/	/	21.25	/	/	<=30	Pass
		Edge_1RB_Right	21.07	/	/	21.15	/	/	<=30	Pass
		Outer_Full	21.87	/	/	21.95	/	/	<=30	Pass
		Inner_Full	22.91	/	/	22.99	/	/	<=30	Pass
		Inner_1RB_Left	22.64	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Right	22.55	/	/	22.63	/	/	<=30	Pass
CP-OFDM 64 QAM	3485.01	Edge_1RB_Left	21.41	/	/	21.49	/	/	<=30	Pass
		Edge_1RB_Right	21.57	/	/	21.65	/	/	<=30	Pass
		Outer_Full	21.28	/	/	21.36	/	/	<=30	Pass
		Inner_Full	21.25	/	/	21.33	/	/	<=30	Pass
		Inner_1RB_Left	21.40	/	/	21.48	/	/	<=30	Pass
		Inner_1RB_Right	21.57	/	/	21.65	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.57	/	/	21.65	/	/	<=30	Pass
		Edge_1RB_Right	21.39	/	/	21.47	/	/	<=30	Pass
		Outer_Full	21.34	/	/	21.42	/	/	<=30	Pass
		Inner_Full	21.33	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Left	21.64	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Right	21.45	/	/	21.53	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.55	/	/	21.63	/	/	<=30	Pass
		Edge_1RB_Right	21.65	/	/	21.73	/	/	<=30	Pass
		Outer_Full	21.41	/	/	21.49	/	/	<=30	Pass
		Inner_Full	21.43	/	/	21.51	/	/	<=30	Pass
		Inner_1RB_Left	21.58	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Right	21.58	/	/	21.66	/	/	<=30	Pass
CP-OFDM 256 QAM	3485.01	Edge_1RB_Left	18.35	/	/	18.43	/	/	<=30	Pass
		Edge_1RB_Right	18.46	/	/	18.54	/	/	<=30	Pass
		Outer_Full	18.38	/	/	18.46	/	/	<=30	Pass
		Inner_Full	18.32	/	/	18.40	/	/	<=30	Pass
		Inner_1RB_Left	18.33	/	/	18.41	/	/	<=30	Pass
		Inner_1RB_Right	18.49	/	/	18.57	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.53	/	/	18.61	/	/	<=30	Pass
		Edge_1RB_Right	18.29	/	/	18.37	/	/	<=30	Pass
		Outer_Full	18.36	/	/	18.44	/	/	<=30	Pass
		Inner_Full	18.43	/	/	18.51	/	/	<=30	Pass
		Inner_1RB_Left	18.51	/	/	18.59	/	/	<=30	Pass
		Inner_1RB_Right	18.28	/	/	18.36	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	18.52	/	/	18.60	/	/	<=30	Pass

		Edge 1RB Right	18.50	/	/	18.58	/	/	<=30	Pass
		Outer Full	18.43	/	/	18.51	/	/	<=30	Pass
		Inner Full	18.48	/	/	18.56	/	/	<=30	Pass
		Inner 1RB Left	18.49	/	/	18.57	/	/	<=30	Pass
		Inner 1RB Right	18.52	/	/	18.60	/	/	<=30	Pass
Note1: Antenna Gain: Ant0: 0.08dBi; 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
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3490.02	Edge 1RB Left	21.33	/	/	21.41	/	/	<=30	Pass
		Edge 1RB Right	21.21	/	/	21.29	/	/	<=30	Pass
		Outer Full	24.24	/	/	24.32	/	/	<=30	Pass
		Inner Full	24.72	/	/	24.80	/	/	<=30	Pass
		Inner 1RB Left	24.77	/	/	24.85	/	/	<=30	Pass
		Inner 1RB Right	24.65	/	/	24.73	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.39	/	/	21.47	/	/	<=30	Pass
		Edge 1RB Right	21.23	/	/	21.31	/	/	<=30	Pass
		Outer Full	24.19	/	/	24.27	/	/	<=30	Pass
		Inner Full	24.70	/	/	24.78	/	/	<=30	Pass
		Inner 1RB Left	24.85	/	/	24.93	/	/	<=30	Pass
		Inner 1RB Right	24.72	/	/	24.80	/	/	<=30	Pass
	3510	Edge 1RB Left	21.43	/	/	21.51	/	/	<=30	Pass
		Edge 1RB Right	21.47	/	/	21.55	/	/	<=30	Pass
		Outer Full	24.26	/	/	24.34	/	/	<=30	Pass
		Inner Full	24.70	/	/	24.78	/	/	<=30	Pass
		Inner 1RB Left	24.73	/	/	24.81	/	/	<=30	Pass
		Inner 1RB Right	24.92	/	/	25.00	/	/	<=30	Pass
DFT-s-OFDM QPSK	3490.02	Edge 1RB Left	21.29	/	/	21.37	/	/	<=30	Pass
		Edge 1RB Right	21.22	/	/	21.30	/	/	<=30	Pass
		Outer Full	23.82	/	/	23.90	/	/	<=30	Pass
		Inner Full	24.71	/	/	24.79	/	/	<=30	Pass
		Inner 1RB Left	24.75	/	/	24.83	/	/	<=30	Pass
		Inner 1RB Right	24.61	/	/	24.69	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.40	/	/	21.48	/	/	<=30	Pass
		Edge 1RB Right	21.22	/	/	21.30	/	/	<=30	Pass
		Outer Full	23.79	/	/	23.87	/	/	<=30	Pass
		Inner Full	24.69	/	/	24.77	/	/	<=30	Pass
		Inner 1RB Left	24.77	/	/	24.85	/	/	<=30	Pass
		Inner 1RB Right	24.69	/	/	24.77	/	/	<=30	Pass
	3510	Edge 1RB Left	21.39	/	/	21.47	/	/	<=30	Pass
		Edge 1RB Right	21.42	/	/	21.50	/	/	<=30	Pass
		Outer Full	23.82	/	/	23.90	/	/	<=30	Pass
		Inner Full	24.69	/	/	24.77	/	/	<=30	Pass
		Inner 1RB Left	24.76	/	/	24.84	/	/	<=30	Pass
		Inner 1RB Right	24.89	/	/	24.97	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3490.02	Edge 1RB Left	21.18	/	/	21.26	/	/	<=30	Pass
		Edge 1RB Right	21.02	/	/	21.10	/	/	<=30	Pass
		Outer Full	22.83	/	/	22.91	/	/	<=30	Pass
		Inner Full	23.87	/	/	23.95	/	/	<=30	Pass
		Inner 1RB Left	23.62	/	/	23.70	/	/	<=30	Pass
		Inner 1RB Right	23.46	/	/	23.54	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.18	/	/	21.26	/	/	<=30	Pass
		Edge 1RB Right	21.02	/	/	21.10	/	/	<=30	Pass
		Outer Full	22.79	/	/	22.87	/	/	<=30	Pass

		Inner_Full	23.86	/	/	23.94	/	/	<=30	Pass
		Inner_1RB_Left	23.62	/	/	23.70	/	/	<=30	Pass
		Inner_1RB_Right	23.44	/	/	23.52	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.24	/	/	21.32	/	/	<=30	Pass
		Edge_1RB_Right	21.34	/	/	21.42	/	/	<=30	Pass
		Outer_Full	22.81	/	/	22.89	/	/	<=30	Pass
		Inner_Full	23.80	/	/	23.88	/	/	<=30	Pass
		Inner_1RB_Left	23.60	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Right	23.75	/	/	23.83	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3490.02	Edge_1RB_Left	21.50	/	/	21.58	/	/	<=30	Pass
		Edge_1RB_Right	21.43	/	/	21.51	/	/	<=30	Pass
		Outer_Full	22.35	/	/	22.43	/	/	<=30	Pass
		Inner_Full	22.42	/	/	22.50	/	/	<=30	Pass
		Inner_1RB_Left	22.49	/	/	22.57	/	/	<=30	Pass
		Inner_1RB_Right	22.46	/	/	22.54	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.59	/	/	21.67	/	/	<=30	Pass
		Edge_1RB_Right	21.50	/	/	21.58	/	/	<=30	Pass
		Outer_Full	22.35	/	/	22.43	/	/	<=30	Pass
		Inner_Full	22.40	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Left	22.47	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Right	22.33	/	/	22.41	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.57	/	/	21.65	/	/	<=30	Pass
		Edge_1RB_Right	21.67	/	/	21.75	/	/	<=30	Pass
		Outer_Full	22.32	/	/	22.40	/	/	<=30	Pass
		Inner_Full	22.32	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Left	22.52	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Right	22.55	/	/	22.63	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3490.02	Edge_1RB_Left	20.37	/	/	20.45	/	/	<=30	Pass
		Edge_1RB_Right	20.24	/	/	20.32	/	/	<=30	Pass
		Outer_Full	20.39	/	/	20.47	/	/	<=30	Pass
		Inner_Full	20.47	/	/	20.55	/	/	<=30	Pass
		Inner_1RB_Left	20.32	/	/	20.40	/	/	<=30	Pass
		Inner_1RB_Right	20.23	/	/	20.31	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.35	/	/	20.43	/	/	<=30	Pass
		Edge_1RB_Right	20.21	/	/	20.29	/	/	<=30	Pass
		Outer_Full	20.36	/	/	20.44	/	/	<=30	Pass
		Inner_Full	20.46	/	/	20.54	/	/	<=30	Pass
		Inner_1RB_Left	20.39	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Right	20.31	/	/	20.39	/	/	<=30	Pass
	3510	Edge_1RB_Left	20.41	/	/	20.49	/	/	<=30	Pass
		Edge_1RB_Right	20.50	/	/	20.58	/	/	<=30	Pass
		Outer_Full	20.41	/	/	20.49	/	/	<=30	Pass
		Inner_Full	20.40	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Left	20.39	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Right	20.46	/	/	20.54	/	/	<=30	Pass
CP-OFDM QPSK	3490.02	Edge_1RB_Left	21.24	/	/	21.32	/	/	<=30	Pass
		Edge_1RB_Right	21.04	/	/	21.12	/	/	<=30	Pass
		Outer_Full	21.85	/	/	21.93	/	/	<=30	Pass
		Inner_Full	23.35	/	/	23.43	/	/	<=30	Pass
		Inner_1RB_Left	23.11	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Right	23.03	/	/	23.11	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.33	/	/	21.41	/	/	<=30	Pass
		Edge_1RB_Right	21.14	/	/	21.22	/	/	<=30	Pass
		Outer_Full	21.83	/	/	21.91	/	/	<=30	Pass
		Inner_Full	23.29	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Left	23.29	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Right	23.02	/	/	23.10	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.41	/	/	21.49	/	/	<=30	Pass
		Edge_1RB_Right	21.34	/	/	21.42	/	/	<=30	Pass

		Outer_Full	21.86	/	/	21.94	/	/	<=30	Pass	
		Inner_Full	23.29	/	/	23.37	/	/	<=30	Pass	
		Inner_1RB_Left	23.32	/	/	23.40	/	/	<=30	Pass	
		Inner_1RB_Right	23.20	/	/	23.28	/	/	<=30	Pass	
CP-OFDM 16 QAM	3490.02	Edge_1RB_Left	21.13	/	/	21.21	/	/	<=30	Pass	
		Edge_1RB_Right	20.93	/	/	21.01	/	/	<=30	Pass	
		Outer_Full	21.80	/	/	21.88	/	/	<=30	Pass	
		Inner_Full	22.84	/	/	22.92	/	/	<=30	Pass	
		Inner_1RB_Left	22.57	/	/	22.65	/	/	<=30	Pass	
		Inner_1RB_Right	22.46	/	/	22.54	/	/	<=30	Pass	
		3500.01	Edge_1RB_Left	21.18	/	/	21.26	/	/	<=30	Pass
			Edge_1RB_Right	21.04	/	/	21.12	/	/	<=30	Pass
	Outer_Full		21.82	/	/	21.90	/	/	<=30	Pass	
	Inner_Full		22.82	/	/	22.90	/	/	<=30	Pass	
	Inner_1RB_Left		22.71	/	/	22.79	/	/	<=30	Pass	
	Inner_1RB_Right		22.52	/	/	22.60	/	/	<=30	Pass	
	3510	Edge_1RB_Left	21.23	/	/	21.31	/	/	<=30	Pass	
		Edge_1RB_Right	21.29	/	/	21.37	/	/	<=30	Pass	
		Outer_Full	21.83	/	/	21.91	/	/	<=30	Pass	
		Inner_Full	22.80	/	/	22.88	/	/	<=30	Pass	
		Inner_1RB_Left	22.64	/	/	22.72	/	/	<=30	Pass	
		Inner_1RB_Right	22.64	/	/	22.72	/	/	<=30	Pass	
CP-OFDM 64 QAM	3490.02	Edge_1RB_Left	21.58	/	/	21.66	/	/	<=30	Pass	
		Edge_1RB_Right	21.53	/	/	21.61	/	/	<=30	Pass	
		Outer_Full	21.36	/	/	21.44	/	/	<=30	Pass	
		Inner_Full	21.42	/	/	21.50	/	/	<=30	Pass	
		Inner_1RB_Left	21.57	/	/	21.65	/	/	<=30	Pass	
		Inner_1RB_Right	21.47	/	/	21.55	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	21.67	/	/	21.75	/	/	<=30	Pass	
		Edge_1RB_Right	21.45	/	/	21.53	/	/	<=30	Pass	
		Outer_Full	21.30	/	/	21.38	/	/	<=30	Pass	
		Inner_Full	21.35	/	/	21.43	/	/	<=30	Pass	
		Inner_1RB_Left	21.60	/	/	21.68	/	/	<=30	Pass	
		Inner_1RB_Right	21.48	/	/	21.56	/	/	<=30	Pass	
	3510	Edge_1RB_Left	21.61	/	/	21.69	/	/	<=30	Pass	
		Edge_1RB_Right	21.72	/	/	21.80	/	/	<=30	Pass	
		Outer_Full	21.36	/	/	21.44	/	/	<=30	Pass	
		Inner_Full	21.37	/	/	21.45	/	/	<=30	Pass	
		Inner_1RB_Left	21.65	/	/	21.73	/	/	<=30	Pass	
		Inner_1RB_Right	21.69	/	/	21.77	/	/	<=30	Pass	
CP-OFDM 256 QAM	3490.02	Edge_1RB_Left	18.43	/	/	18.51	/	/	<=30	Pass	
		Edge_1RB_Right	18.36	/	/	18.44	/	/	<=30	Pass	
		Outer_Full	18.40	/	/	18.48	/	/	<=30	Pass	
		Inner_Full	18.42	/	/	18.50	/	/	<=30	Pass	
		Inner_1RB_Left	18.43	/	/	18.51	/	/	<=30	Pass	
		Inner_1RB_Right	18.34	/	/	18.42	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	18.50	/	/	18.58	/	/	<=30	Pass	
		Edge_1RB_Right	18.34	/	/	18.42	/	/	<=30	Pass	
		Outer_Full	18.39	/	/	18.47	/	/	<=30	Pass	
		Inner_Full	18.43	/	/	18.51	/	/	<=30	Pass	
		Inner_1RB_Left	18.51	/	/	18.59	/	/	<=30	Pass	
		Inner_1RB_Right	18.33	/	/	18.41	/	/	<=30	Pass	
	3510	Edge_1RB_Left	18.51	/	/	18.59	/	/	<=30	Pass	
		Edge_1RB_Right	18.56	/	/	18.64	/	/	<=30	Pass	
		Outer_Full	18.40	/	/	18.48	/	/	<=30	Pass	
		Inner_Full	18.35	/	/	18.43	/	/	<=30	Pass	
		Inner_1RB_Left	18.52	/	/	18.60	/	/	<=30	Pass	
		Inner_1RB_Right	18.56	/	/	18.64	/	/	<=30	Pass	
Note1: Antenna Gain: Ant0: 0.08dBi;											

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
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3495	Edge_1RB_Left	21.26	/	/	21.34	/	/	<=30	Pass
		Edge_1RB_Right	21.35	/	/	21.43	/	/	<=30	Pass
		Outer_Full	24.14	/	/	24.22	/	/	<=30	Pass
		Inner_Full	24.69	/	/	24.77	/	/	<=30	Pass
		Inner_1RB_Left	24.76	/	/	24.84	/	/	<=30	Pass
		Inner_1RB_Right	24.81	/	/	24.89	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.33	/	/	21.41	/	/	<=30	Pass
		Edge_1RB_Right	21.34	/	/	21.42	/	/	<=30	Pass
		Outer_Full	24.19	/	/	24.27	/	/	<=30	Pass
		Inner_Full	24.70	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Left	24.79	/	/	24.87	/	/	<=30	Pass
		Inner_1RB_Right	24.72	/	/	24.80	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	21.48	/	/	21.56	/	/	<=30	Pass
		Edge_1RB_Right	21.30	/	/	21.38	/	/	<=30	Pass
		Outer_Full	24.25	/	/	24.33	/	/	<=30	Pass
		Inner_Full	24.68	/	/	24.76	/	/	<=30	Pass
		Inner_1RB_Left	24.91	/	/	24.99	/	/	<=30	Pass
DFT-s-OFDM QPSK	3495	Edge_1RB_Left	21.22	/	/	21.30	/	/	<=30	Pass
		Edge_1RB_Right	21.36	/	/	21.44	/	/	<=30	Pass
		Outer_Full	23.75	/	/	23.83	/	/	<=30	Pass
		Inner_Full	24.65	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Left	24.74	/	/	24.82	/	/	<=30	Pass
		Inner_1RB_Right	24.80	/	/	24.88	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.29	/	/	21.37	/	/	<=30	Pass
		Edge_1RB_Right	21.37	/	/	21.45	/	/	<=30	Pass
		Outer_Full	23.82	/	/	23.90	/	/	<=30	Pass
		Inner_Full	24.69	/	/	24.77	/	/	<=30	Pass
		Inner_1RB_Left	24.77	/	/	24.85	/	/	<=30	Pass
		Inner_1RB_Right	24.71	/	/	24.79	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	21.42	/	/	21.50	/	/	<=30	Pass
		Edge_1RB_Right	21.30	/	/	21.38	/	/	<=30	Pass
		Outer_Full	23.84	/	/	23.92	/	/	<=30	Pass
		Inner_Full	24.76	/	/	24.84	/	/	<=30	Pass
		Inner_1RB_Left	24.89	/	/	24.97	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3495	Edge_1RB_Left	21.13	/	/	21.21	/	/	<=30	Pass
		Edge_1RB_Right	21.27	/	/	21.35	/	/	<=30	Pass
		Outer_Full	22.77	/	/	22.85	/	/	<=30	Pass
		Inner_Full	23.80	/	/	23.88	/	/	<=30	Pass
		Inner_1RB_Left	23.56	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Right	23.69	/	/	23.77	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.20	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	21.26	/	/	21.34	/	/	<=30	Pass
		Outer_Full	22.82	/	/	22.90	/	/	<=30	Pass
		Inner_Full	23.85	/	/	23.93	/	/	<=30	Pass
		Inner_1RB_Left	23.67	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Right	23.57	/	/	23.65	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	21.20	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	21.19	/	/	21.27	/	/	<=30	Pass

		Outer_Full	22.85	/	/	22.93	/	/	<=30	Pass
		Inner_Full	23.92	/	/	24.00	/	/	<=30	Pass
		Inner_1RB_Left	23.76	/	/	23.84	/	/	<=30	Pass
		Inner_1RB_Right	23.61	/	/	23.69	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3495	Edge_1RB_Left	21.48	/	/	21.56	/	/	<=30	Pass
		Edge_1RB_Right	21.51	/	/	21.59	/	/	<=30	Pass
		Outer_Full	22.30	/	/	22.38	/	/	<=30	Pass
		Inner_Full	22.33	/	/	22.41	/	/	<=30	Pass
		Inner_1RB_Left	22.37	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Right	22.52	/	/	22.60	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.51	/	/	21.59	/	/	<=30	Pass
		Edge_1RB_Right	21.55	/	/	21.63	/	/	<=30	Pass
		Outer_Full	22.36	/	/	22.44	/	/	<=30	Pass
		Inner_Full	22.37	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Left	22.47	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Right	22.47	/	/	22.55	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	21.62	/	/	21.70	/	/	<=30	Pass
		Edge_1RB_Right	21.53	/	/	21.61	/	/	<=30	Pass
		Outer_Full	22.40	/	/	22.48	/	/	<=30	Pass
		Inner_Full	22.44	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Left	22.55	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Right	22.41	/	/	22.49	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3495	Edge_1RB_Left	20.20	/	/	20.28	/	/	<=30	Pass
		Edge_1RB_Right	20.36	/	/	20.44	/	/	<=30	Pass
		Outer_Full	20.34	/	/	20.42	/	/	<=30	Pass
		Inner_Full	20.38	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Left	20.22	/	/	20.30	/	/	<=30	Pass
		Inner_1RB_Right	20.33	/	/	20.41	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.34	/	/	20.42	/	/	<=30	Pass
		Edge_1RB_Right	20.32	/	/	20.40	/	/	<=30	Pass
		Outer_Full	20.40	/	/	20.48	/	/	<=30	Pass
		Inner_Full	20.42	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Left	20.32	/	/	20.40	/	/	<=30	Pass
		Inner_1RB_Right	20.32	/	/	20.40	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	20.40	/	/	20.48	/	/	<=30	Pass
		Edge_1RB_Right	20.30	/	/	20.38	/	/	<=30	Pass
		Outer_Full	20.44	/	/	20.52	/	/	<=30	Pass
		Inner_Full	20.48	/	/	20.56	/	/	<=30	Pass
		Inner_1RB_Left	20.42	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Right	20.30	/	/	20.38	/	/	<=30	Pass
CP-OFDM QPSK	3495	Edge_1RB_Left	21.02	/	/	21.10	/	/	<=30	Pass
		Edge_1RB_Right	21.28	/	/	21.36	/	/	<=30	Pass
		Outer_Full	21.79	/	/	21.87	/	/	<=30	Pass
		Inner_Full	23.25	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Left	23.07	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Right	23.17	/	/	23.25	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.21	/	/	21.29	/	/	<=30	Pass
		Edge_1RB_Right	21.28	/	/	21.36	/	/	<=30	Pass
		Outer_Full	21.80	/	/	21.88	/	/	<=30	Pass
		Inner_Full	23.28	/	/	23.36	/	/	<=30	Pass
		Inner_1RB_Left	23.09	/	/	23.17	/	/	<=30	Pass
		Inner_1RB_Right	23.13	/	/	23.21	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	21.32	/	/	21.40	/	/	<=30	Pass
		Edge_1RB_Right	21.20	/	/	21.28	/	/	<=30	Pass
		Outer_Full	21.87	/	/	21.95	/	/	<=30	Pass
		Inner_Full	23.34	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Left	23.35	/	/	23.43	/	/	<=30	Pass
		Inner_1RB_Right	23.08	/	/	23.16	/	/	<=30	Pass
CP-OFDM 16 QAM	3495	Edge_1RB_Left	21.05	/	/	21.13	/	/	<=30	Pass

		Edge_1RB_Right	21.13	/	/	21.21	/	/	<=30	Pass
		Outer_Full	21.79	/	/	21.87	/	/	<=30	Pass
		Inner_Full	22.79	/	/	22.87	/	/	<=30	Pass
		Inner_1RB_Left	22.49	/	/	22.57	/	/	<=30	Pass
		Inner_1RB_Right	22.58	/	/	22.66	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.08	/	/	21.16	/	/	<=30	Pass
		Edge_1RB_Right	21.22	/	/	21.30	/	/	<=30	Pass
		Outer_Full	21.82	/	/	21.90	/	/	<=30	Pass
		Inner_Full	22.81	/	/	22.89	/	/	<=30	Pass
		Inner_1RB_Left	22.56	/	/	22.64	/	/	<=30	Pass
	3504.99	Inner_1RB_Right	22.56	/	/	22.64	/	/	<=30	Pass
		Edge_1RB_Left	21.22	/	/	21.30	/	/	<=30	Pass
		Edge_1RB_Right	21.17	/	/	21.25	/	/	<=30	Pass
		Outer_Full	21.84	/	/	21.92	/	/	<=30	Pass
		Inner_Full	22.87	/	/	22.95	/	/	<=30	Pass
CP-OFDM 64 QAM	3495	Inner_1RB_Left	22.72	/	/	22.80	/	/	<=30	Pass
		Inner_1RB_Right	22.52	/	/	22.60	/	/	<=30	Pass
		Edge_1RB_Left	21.53	/	/	21.61	/	/	<=30	Pass
		Edge_1RB_Right	21.51	/	/	21.59	/	/	<=30	Pass
		Outer_Full	21.24	/	/	21.32	/	/	<=30	Pass
	3500.01	Inner_Full	21.29	/	/	21.37	/	/	<=30	Pass
		Inner_1RB_Left	21.51	/	/	21.59	/	/	<=30	Pass
		Inner_1RB_Right	21.61	/	/	21.69	/	/	<=30	Pass
		Edge_1RB_Left	21.54	/	/	21.62	/	/	<=30	Pass
		Edge_1RB_Right	21.58	/	/	21.66	/	/	<=30	Pass
	3504.99	Outer_Full	21.33	/	/	21.41	/	/	<=30	Pass
		Inner_Full	21.33	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Left	21.55	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Right	21.65	/	/	21.73	/	/	<=30	Pass
		Edge_1RB_Left	21.63	/	/	21.71	/	/	<=30	Pass
CP-OFDM 256 QAM	3495	Edge_1RB_Right	21.57	/	/	21.65	/	/	<=30	Pass
		Outer_Full	21.35	/	/	21.43	/	/	<=30	Pass
		Inner_Full	21.38	/	/	21.46	/	/	<=30	Pass
		Inner_1RB_Left	21.71	/	/	21.79	/	/	<=30	Pass
		Inner_1RB_Right	21.59	/	/	21.67	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.35	/	/	18.43	/	/	<=30	Pass
		Edge_1RB_Right	18.46	/	/	18.54	/	/	<=30	Pass
		Outer_Full	18.33	/	/	18.41	/	/	<=30	Pass
		Inner_Full	18.38	/	/	18.46	/	/	<=30	Pass
		Inner_1RB_Left	18.36	/	/	18.44	/	/	<=30	Pass
	3504.99	Inner_1RB_Right	18.41	/	/	18.49	/	/	<=30	Pass
		Edge_1RB_Left	18.47	/	/	18.55	/	/	<=30	Pass
		Edge_1RB_Right	18.49	/	/	18.57	/	/	<=30	Pass
		Outer_Full	18.40	/	/	18.48	/	/	<=30	Pass
		Inner_Full	18.42	/	/	18.50	/	/	<=30	Pass
	3495	Inner_1RB_Left	18.45	/	/	18.53	/	/	<=30	Pass
		Inner_1RB_Right	18.48	/	/	18.56	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.61	/	/	18.69	/	/	<=30	Pass
		Edge_1RB_Right	18.41	/	/	18.49	/	/	<=30	Pass
		Outer_Full	18.42	/	/	18.50	/	/	<=30	Pass
3504.99	Inner_Full	18.44	/	/	18.52	/	/	<=30	Pass	
	Inner_1RB_Left	18.60	/	/	18.68	/	/	<=30	Pass	
	Inner_1RB_Right	18.41	/	/	18.49	/	/	<=30	Pass	
Note1: Antenna Gain: Ant0: 0.08dBi;										
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
			Ant0	Ant2	Sum	Ant0	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Edge 1RB Left	21.35	/	/	21.43	/	/	<=30	Pass
		Edge 1RB Right	21.42	/	/	21.50	/	/	<=30	Pass
		Outer Full	24.24	/	/	24.32	/	/	<=30	Pass
		Inner Full	24.74	/	/	24.82	/	/	<=30	Pass
		Inner 1RB Left	24.82	/	/	24.90	/	/	<=30	Pass
		Inner 1RB Right	24.96	/	/	25.04	/	/	<=30	Pass
DFT-s-OFDM QPSK	3500.01	Edge 1RB Left	21.27	/	/	21.35	/	/	<=30	Pass
		Edge 1RB Right	21.42	/	/	21.50	/	/	<=30	Pass
		Outer Full	23.82	/	/	23.90	/	/	<=30	Pass
		Inner Full	24.70	/	/	24.78	/	/	<=30	Pass
		Inner 1RB Left	24.86	/	/	24.94	/	/	<=30	Pass
		Inner 1RB Right	24.98	/	/	25.06	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3500.01	Edge 1RB Left	21.17	/	/	21.25	/	/	<=30	Pass
		Edge 1RB Right	21.35	/	/	21.43	/	/	<=30	Pass
		Outer Full	22.82	/	/	22.90	/	/	<=30	Pass
		Inner Full	23.85	/	/	23.93	/	/	<=30	Pass
		Inner 1RB Left	23.51	/	/	23.59	/	/	<=30	Pass
		Inner 1RB Right	23.76	/	/	23.84	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3500.01	Edge 1RB Left	21.47	/	/	21.55	/	/	<=30	Pass
		Edge 1RB Right	21.65	/	/	21.73	/	/	<=30	Pass
		Outer Full	22.33	/	/	22.41	/	/	<=30	Pass
		Inner Full	22.35	/	/	22.43	/	/	<=30	Pass
		Inner 1RB Left	22.46	/	/	22.54	/	/	<=30	Pass
		Inner 1RB Right	22.65	/	/	22.73	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3500.01	Edge 1RB Left	20.29	/	/	20.37	/	/	<=30	Pass
		Edge 1RB Right	20.39	/	/	20.47	/	/	<=30	Pass
		Outer Full	20.38	/	/	20.46	/	/	<=30	Pass
		Inner Full	20.44	/	/	20.52	/	/	<=30	Pass
		Inner 1RB Left	20.29	/	/	20.37	/	/	<=30	Pass
		Inner 1RB Right	20.41	/	/	20.49	/	/	<=30	Pass
CP-OFDM QPSK	3500.01	Edge 1RB Left	21.15	/	/	21.23	/	/	<=30	Pass
		Edge 1RB Right	21.35	/	/	21.43	/	/	<=30	Pass
		Outer Full	21.81	/	/	21.89	/	/	<=30	Pass
		Inner Full	23.26	/	/	23.34	/	/	<=30	Pass
		Inner 1RB Left	23.04	/	/	23.12	/	/	<=30	Pass
		Inner 1RB Right	23.28	/	/	23.36	/	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Edge 1RB Left	20.98	/	/	21.06	/	/	<=30	Pass
		Edge 1RB Right	21.12	/	/	21.20	/	/	<=30	Pass
		Outer Full	21.75	/	/	21.83	/	/	<=30	Pass
		Inner Full	22.80	/	/	22.88	/	/	<=30	Pass
		Inner 1RB Left	22.39	/	/	22.47	/	/	<=30	Pass
		Inner 1RB Right	22.64	/	/	22.72	/	/	<=30	Pass
CP-OFDM 64 QAM	3500.01	Edge 1RB Left	21.55	/	/	21.63	/	/	<=30	Pass
		Edge 1RB Right	21.64	/	/	21.72	/	/	<=30	Pass
		Outer Full	21.27	/	/	21.35	/	/	<=30	Pass
		Inner Full	21.30	/	/	21.38	/	/	<=30	Pass
		Inner 1RB Left	21.54	/	/	21.62	/	/	<=30	Pass
		Inner 1RB Right	21.64	/	/	21.72	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Edge 1RB Left	18.28	/	/	18.36	/	/	<=30	Pass
		Edge 1RB Right	18.52	/	/	18.60	/	/	<=30	Pass
		Outer Full	18.41	/	/	18.49	/	/	<=30	Pass
		Inner Full	18.39	/	/	18.47	/	/	<=30	Pass
		Inner 1RB Left	18.43	/	/	18.51	/	/	<=30	Pass
		Inner 1RB Right	18.55	/	/	18.63	/	/	<=30	Pass
Note1: Antenna Gain: Ant0: 0.08dBi; 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	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
			-30	NV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
			-10	NV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-7.10	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-8.00	-0.0023	>=-2.5 & <=2.5	Pass
			50	NV	-9.40	-0.0027	>=-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	9.60	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	8.66	9.42	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	8.66	9.54	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	8.69	9.61	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	8.64	9.53	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	8.66	9.50	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	8.66	9.51	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	8.67	9.54	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	8.70	9.64	/	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	13.04	14.07	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	13.07	14.21	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	13.02	14.11	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	13.12	14.16	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	13.02	14.03	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	13.74	14.89	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	13.72	14.97	/	Pass

CP-OFDM 64 QAM	3500.01	Outer Full	13.80	14.93	/	Pass
CP-OFDM 256 QAM	3500.01	Outer Full	13.71	14.75	/	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	18.14	19.46	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer Full	18.13	19.42	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer Full	18.15	19.38	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer Full	18.16	19.49	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer Full	18.04	19.38	/	Pass
CP-OFDM QPSK	3500.01	Outer Full	18.38	19.76	/	Pass
CP-OFDM 16 QAM	3500.01	Outer Full	18.36	19.89	/	Pass
CP-OFDM 64 QAM	3500.01	Outer Full	18.42	19.78	/	Pass
CP-OFDM 256 QAM	3500.01	Outer Full	18.39	19.73	/	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	23.12	24.75	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer Full	23.09	24.69	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer Full	23.11	24.81	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer Full	23.18	24.74	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer Full	23.08	24.69	/	Pass
CP-OFDM QPSK	3500.01	Outer Full	23.40	25.02	/	Pass
CP-OFDM 16 QAM	3500.01	Outer Full	23.51	25.08	/	Pass
CP-OFDM 64 QAM	3500.01	Outer Full	23.39	25.07	/	Pass
CP-OFDM 256 QAM	3500.01	Outer Full	23.41	25.07	/	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	27.07	29.06	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer Full	27.21	29.16	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer Full	27.07	29.08	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer Full	27.22	29.12	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer Full	27.03	29.26	/	Pass
CP-OFDM QPSK	3500.01	Outer Full	28.11	30.12	/	Pass
CP-OFDM 16 QAM	3500.01	Outer Full	28.15	30.07	/	Pass
CP-OFDM 64 QAM	3500.01	Outer Full	28.02	30.18	/	Pass
CP-OFDM 256 QAM	3500.01	Outer Full	28.10	30.08	/	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	36.12	38.60	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	36.12	38.62	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	36.05	38.67	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	36.13	38.70	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	36.00	38.72	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	38.11	40.88	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	38.15	40.79	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	38.17	40.82	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	38.10	40.76	/	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	46.09	49.31	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	45.98	49.31	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	45.98	49.34	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	46.14	49.38	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	46.01	49.31	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	47.82	51.05	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	47.86	51.08	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	47.94	51.15	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	47.70	51.15	/	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	58.55	62.20	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	58.30	62.30	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	58.23	62.18	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	58.40	62.30	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	58.26	62.27	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	58.15	62.25	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	58.15	62.12	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	58.40	62.34	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	58.21	62.21	/	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	65.00	69.58	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	64.83	69.52	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	64.84	69.34	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	64.92	69.48	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	64.87	69.45	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	68.21	72.86	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	67.94	72.66	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	67.92	72.70	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	67.98	72.80	/	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	77.50	82.82	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	77.69	82.75	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	77.54	82.64	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	77.90	82.25	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	77.78	82.61	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	78.08	83.34	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	77.83	83.19	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	78.13	83.13	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	78.03	83.35	/	Pass

3.1.11 30k_SISO_90MHz_NTNV

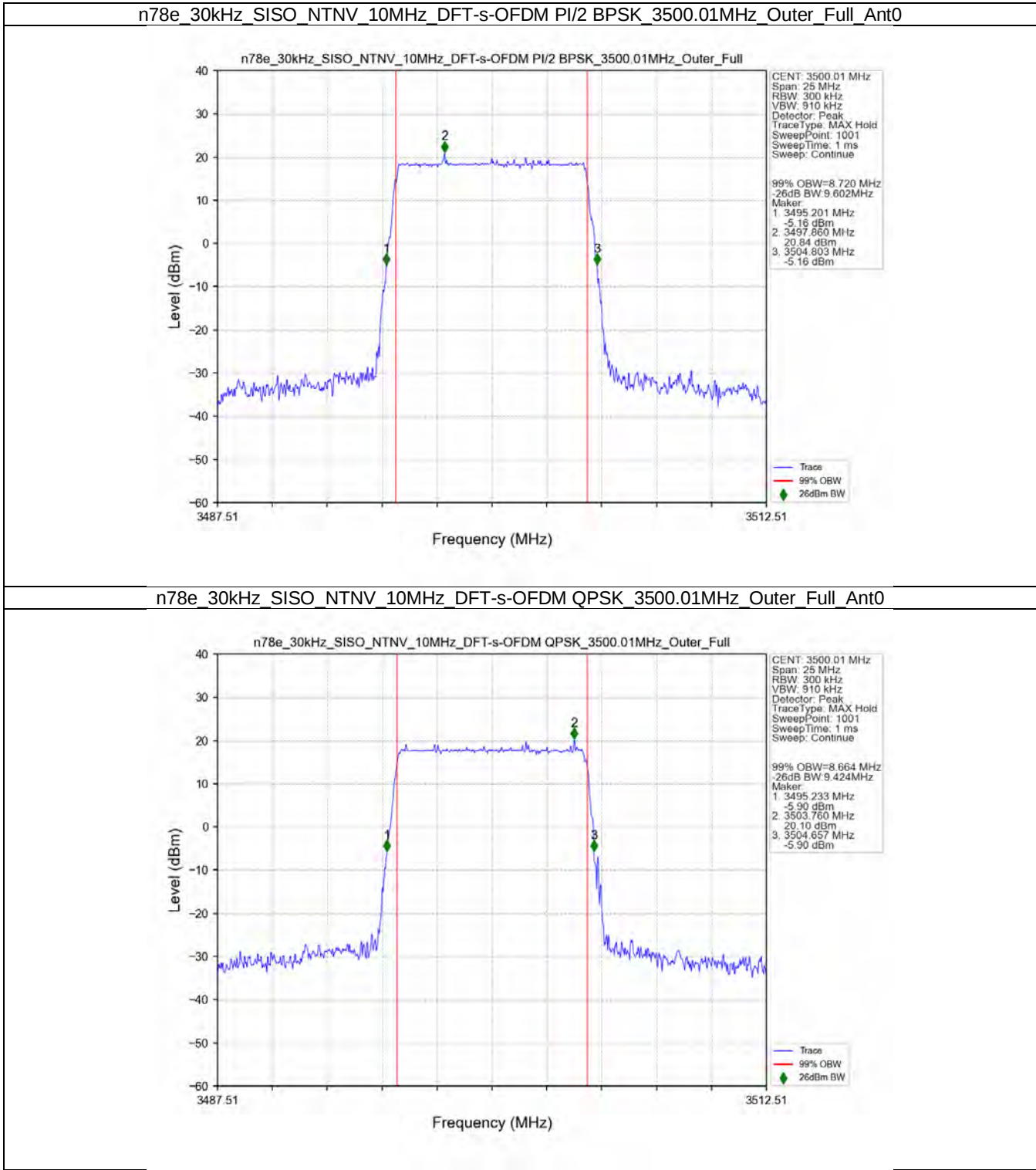
5G NR n78e SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	87.94	92.85	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	87.35	92.98	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	87.59	93.08	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	87.21	92.92	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	87.17	92.93	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	87.75	93.90	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	87.68	93.58	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	88.23	93.20	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	88.37	93.34	/	Pass

3.1.12 30k_SISO_100MHz_NTNV

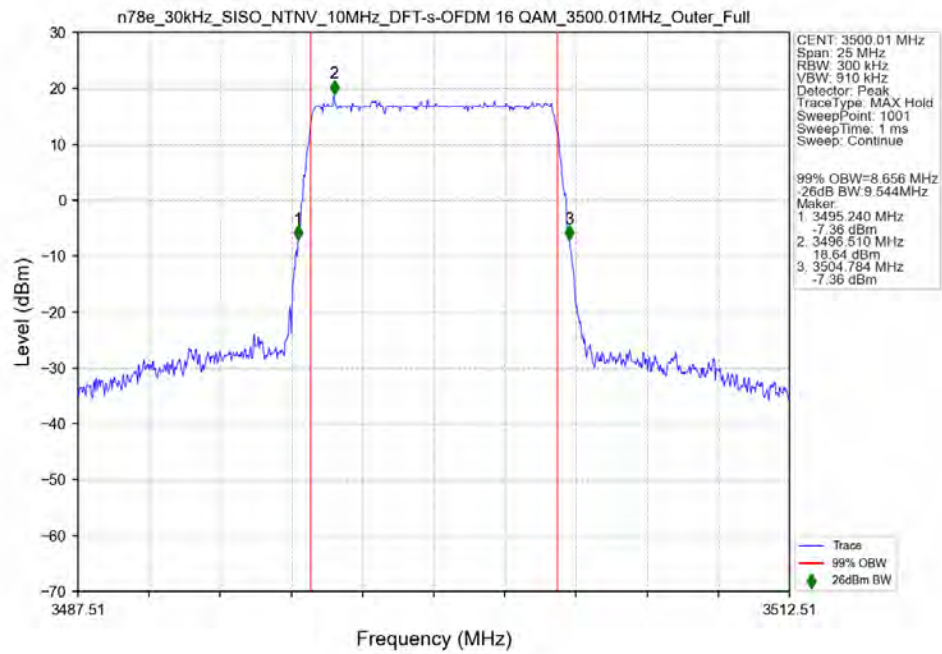
5G NR n78e SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	96.97	103.39	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	97.12	103.59	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	97.22	102.62	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	97.52	103.19	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	97.27	103.47	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	98.34	104.16	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	98.02	104.07	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	98.26	104.42	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	98.35	104.50	/	Pass

3.2 Test Graph

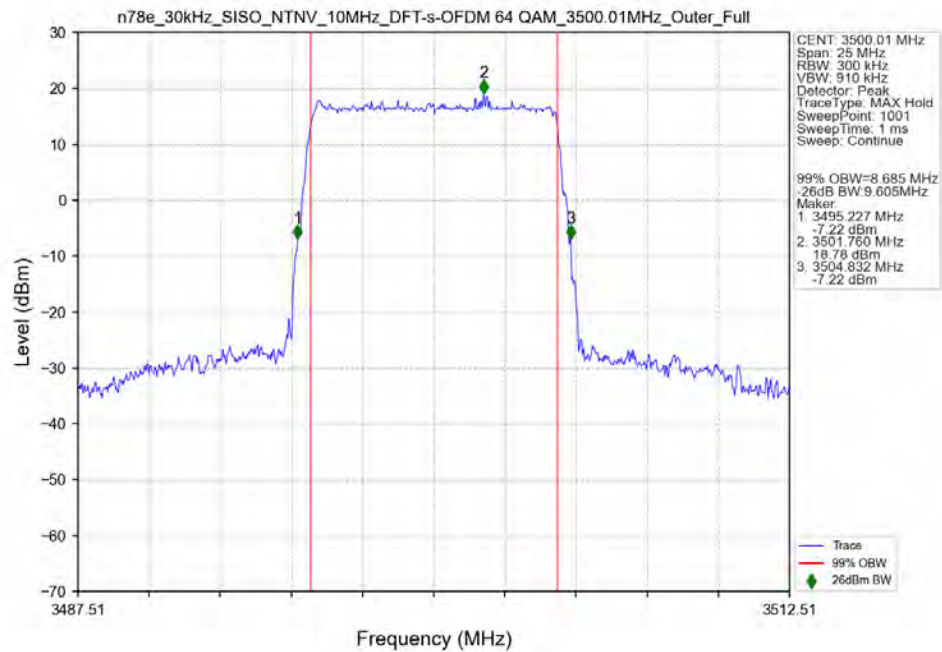
3.2.1 30k_SISO_10MHz_NTNV



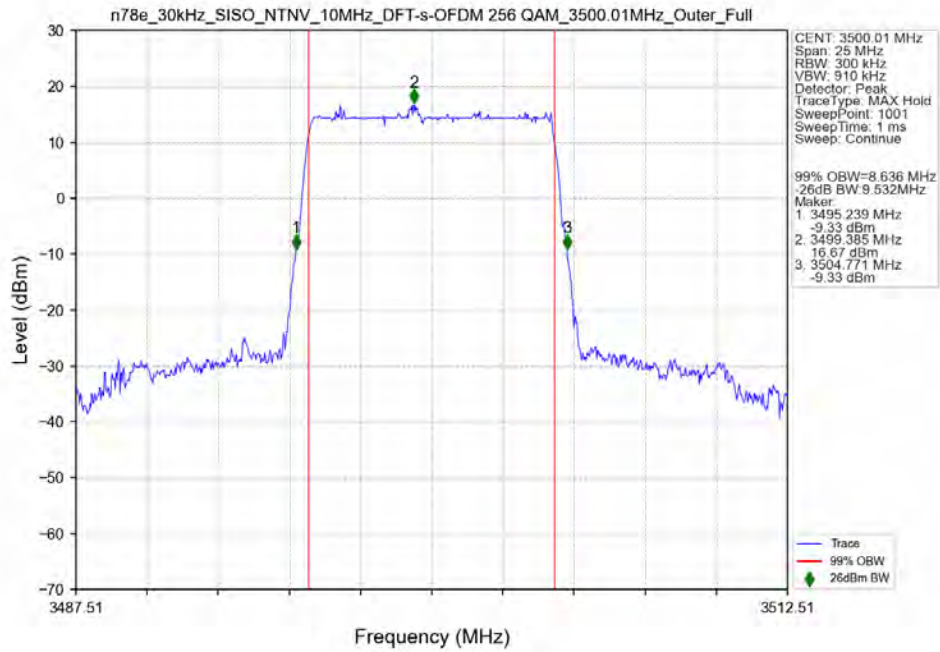
n78e_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_3500.01MHz_Outer_Full_Ant0



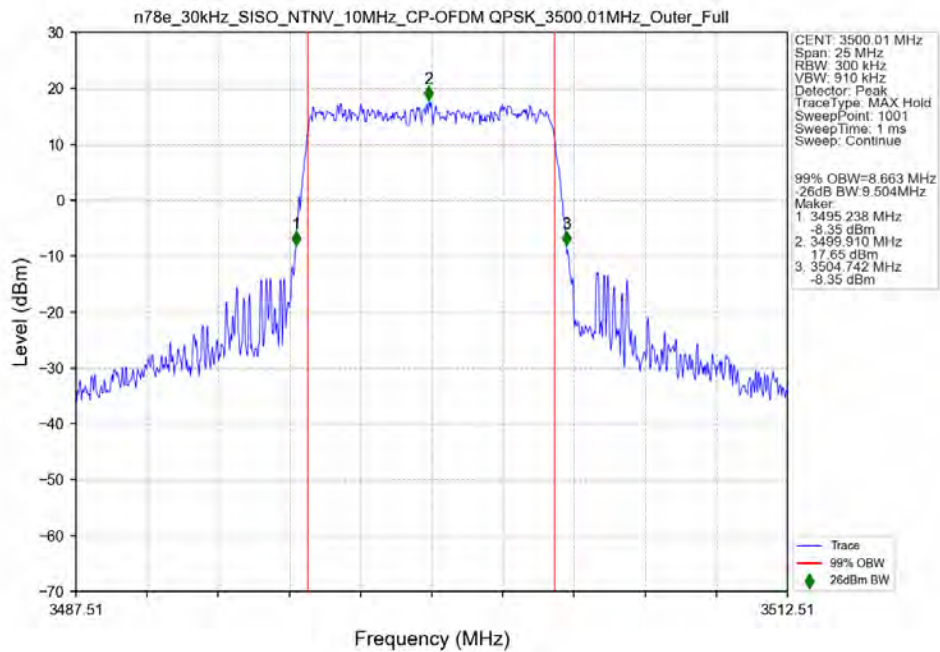
n78e_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_3500.01MHz_Outer_Full_Ant0



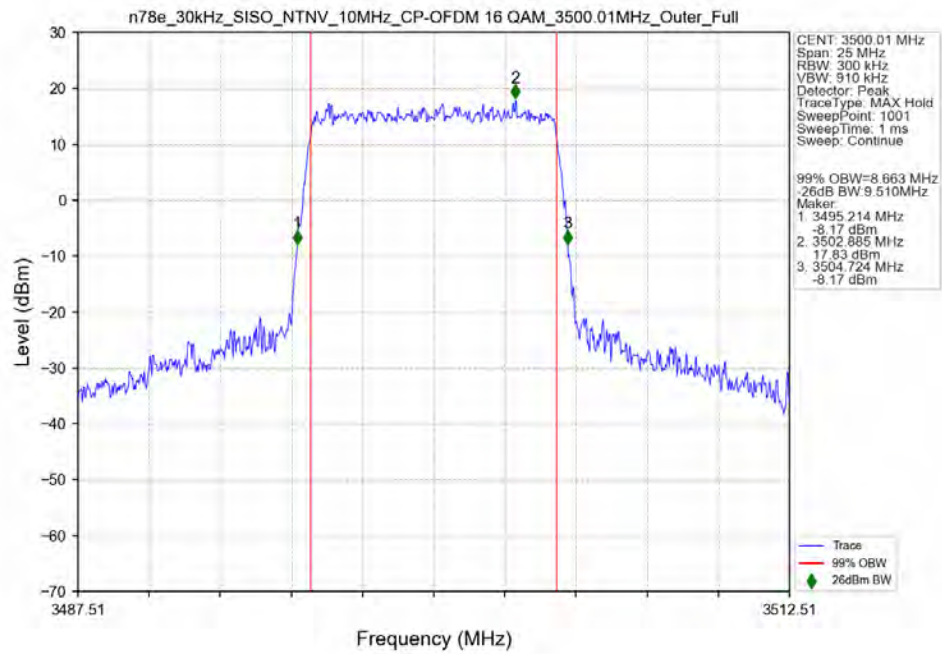
n78e_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant0



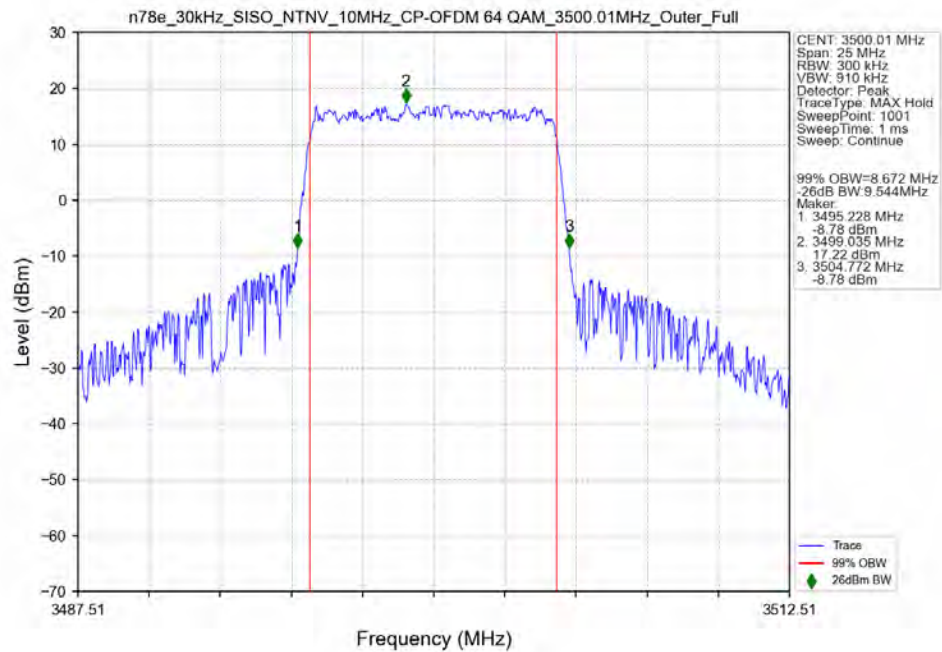
n78e_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant0



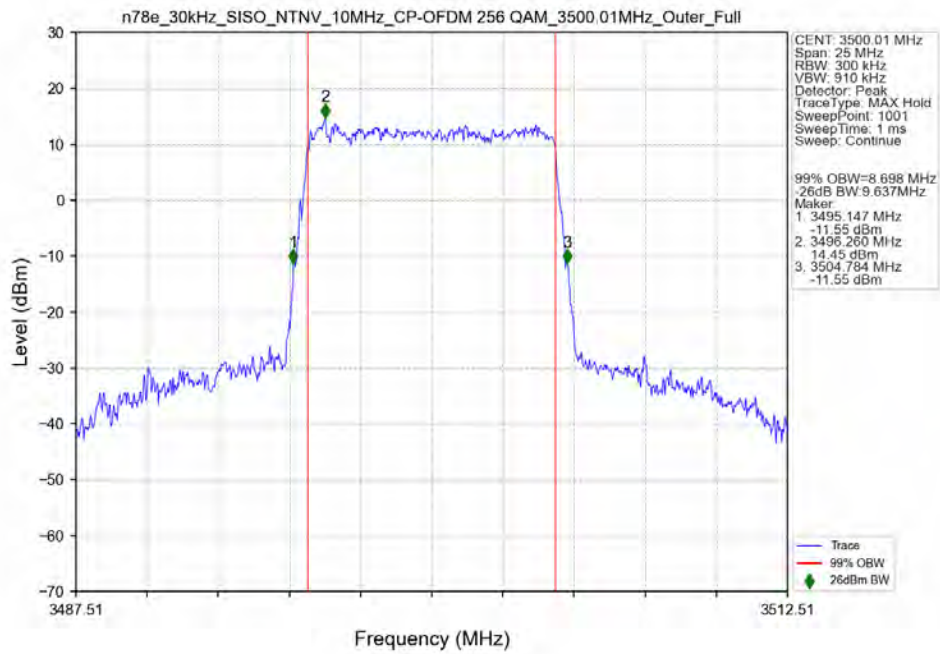
n78e 30kHz SISO NTN 10MHz CP-OFDM 16 QAM 3500.01MHz Outer Full Ant0



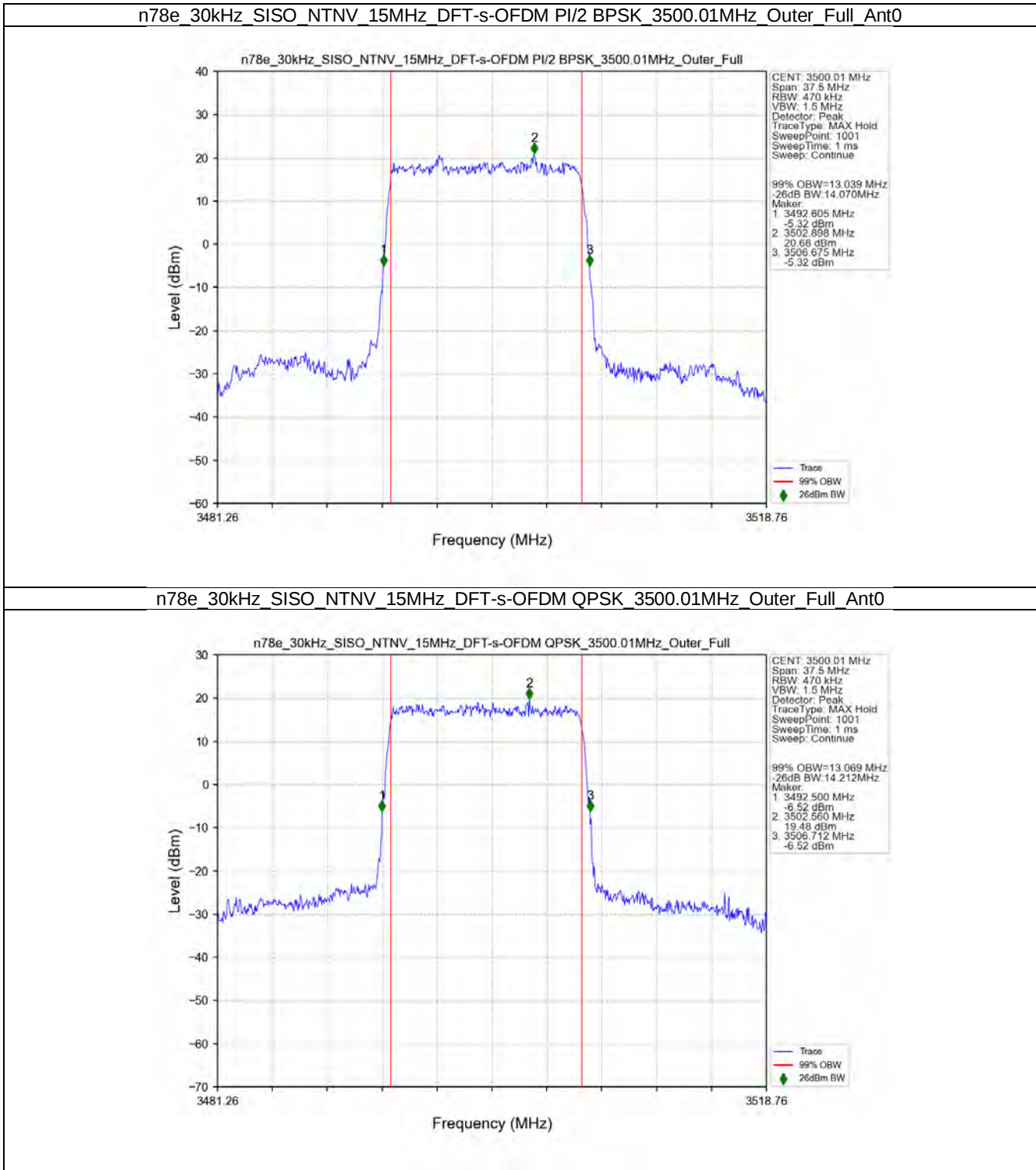
n78e 30kHz SISO NTN 10MHz CP-OFDM 64 QAM 3500.01MHz Outer Full Ant0



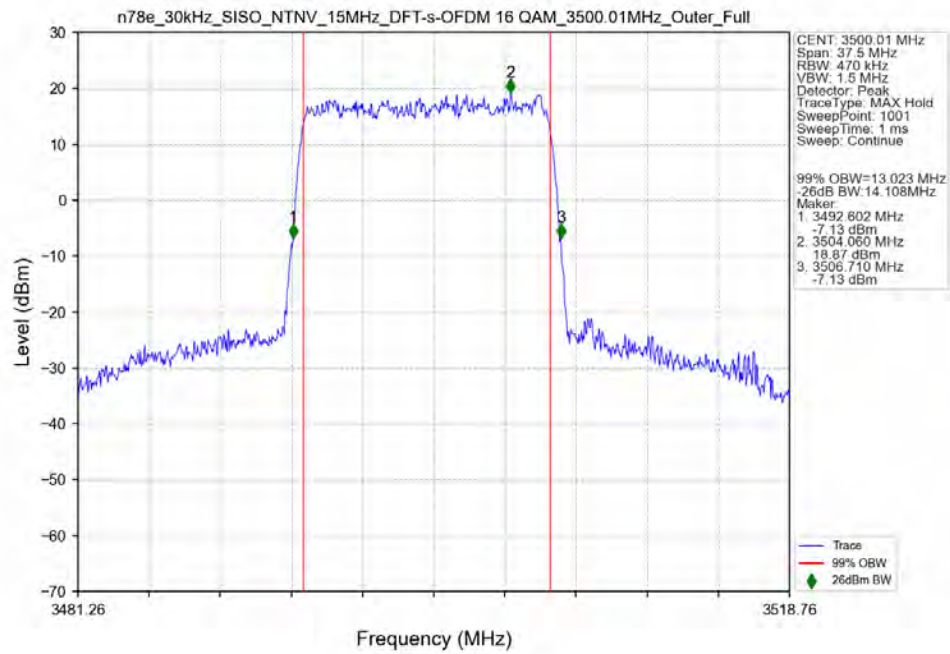
n78e 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant0



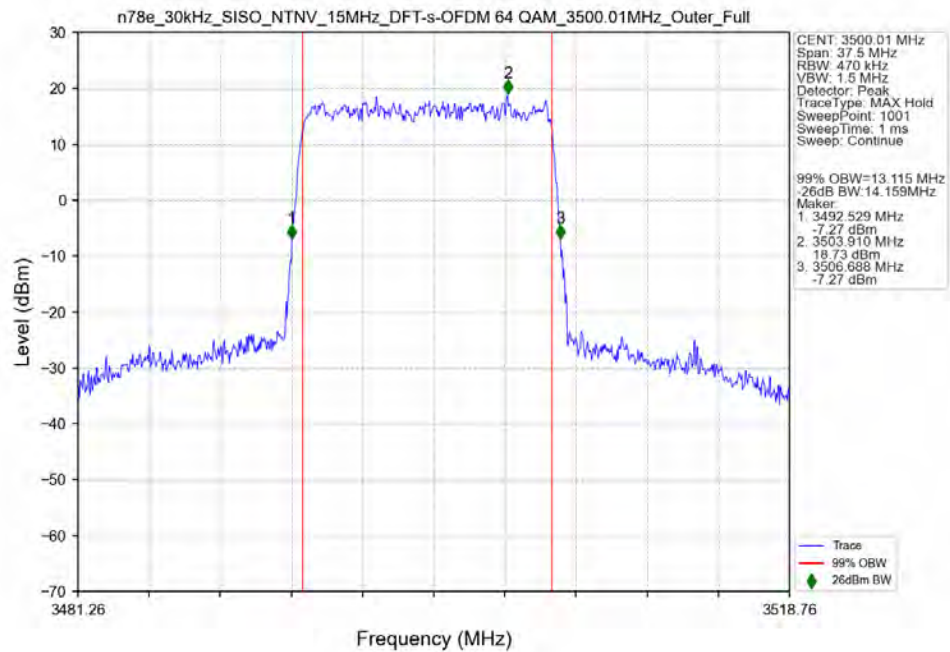
3.2.2 30k_SISO_15MHz_NTNV



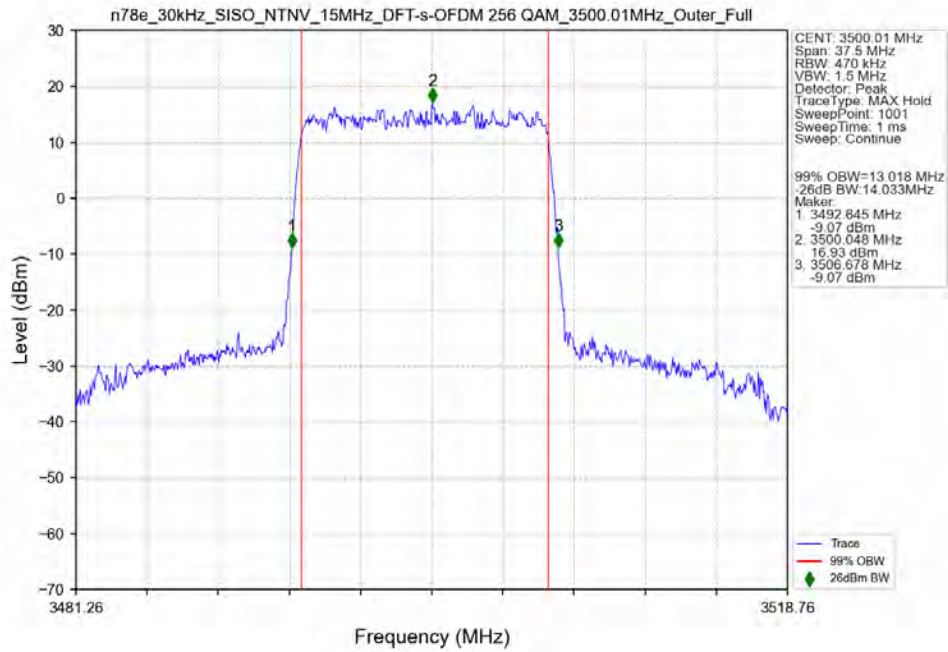
n78e 30kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 3500.01MHz Outer Full Ant0



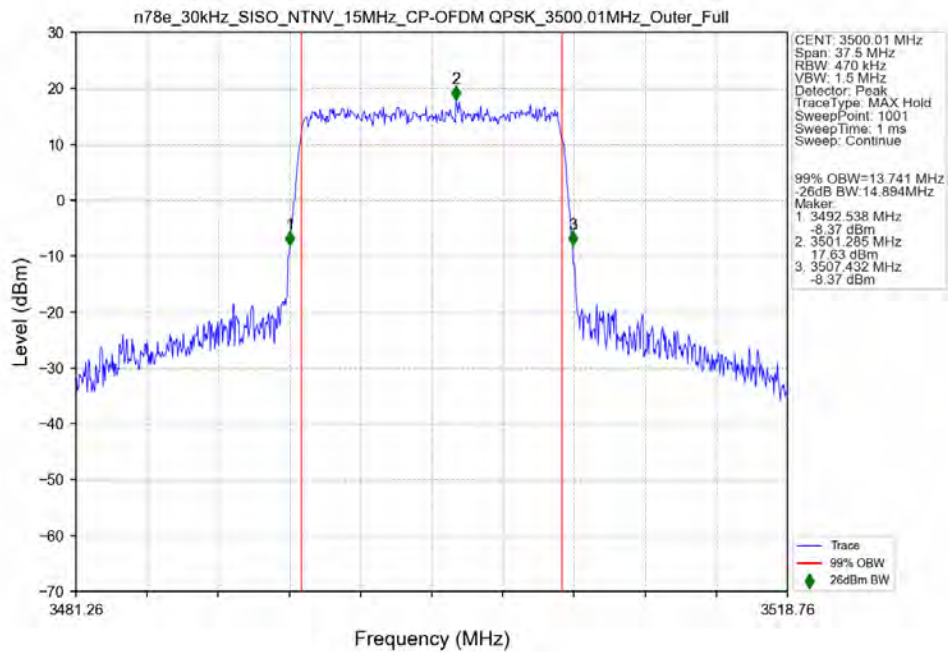
n78e 30kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 3500.01MHz Outer_Full Ant0



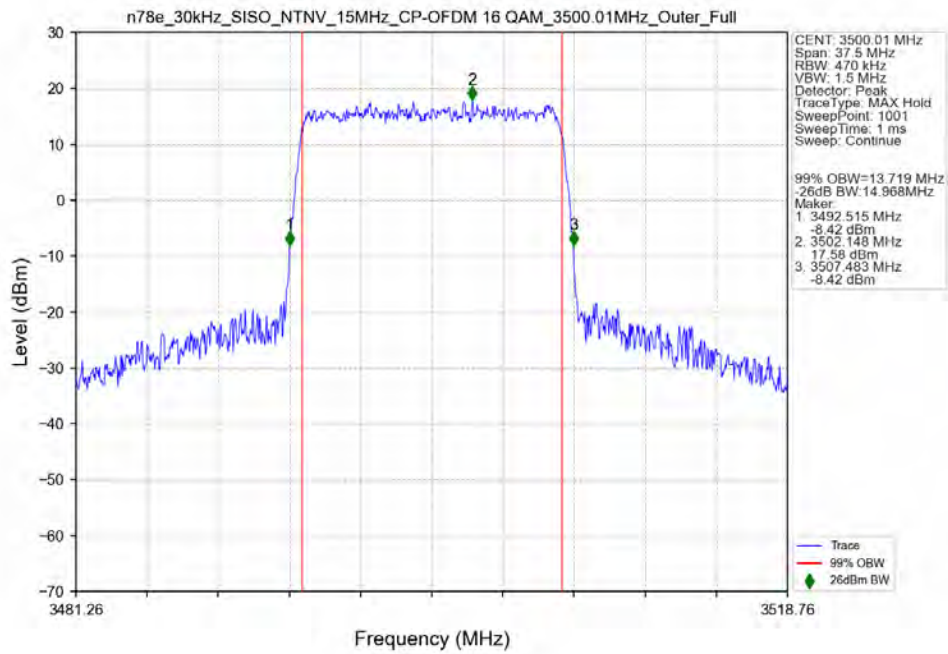
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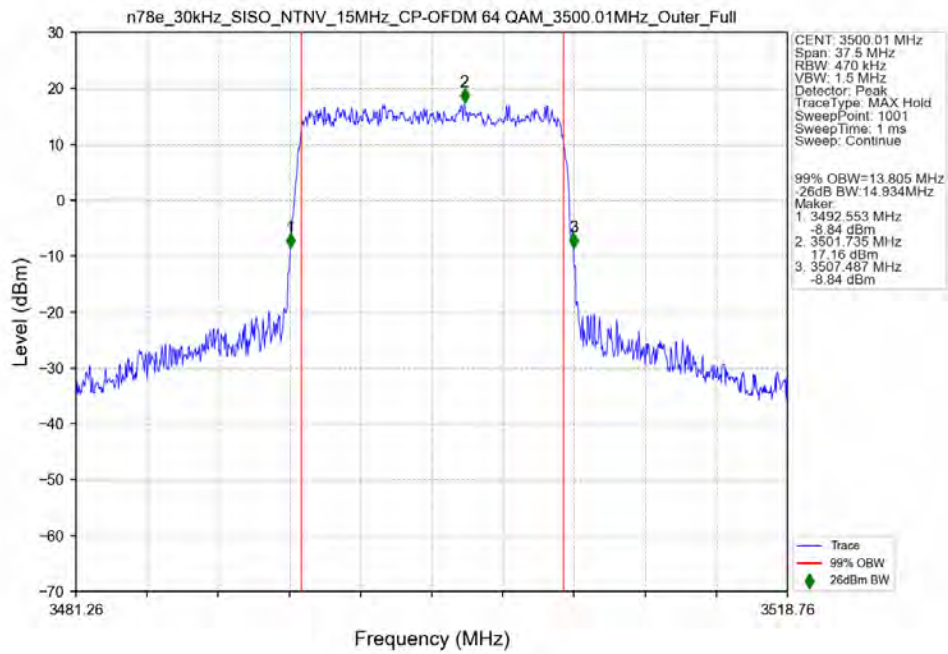
n78e_30kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant0



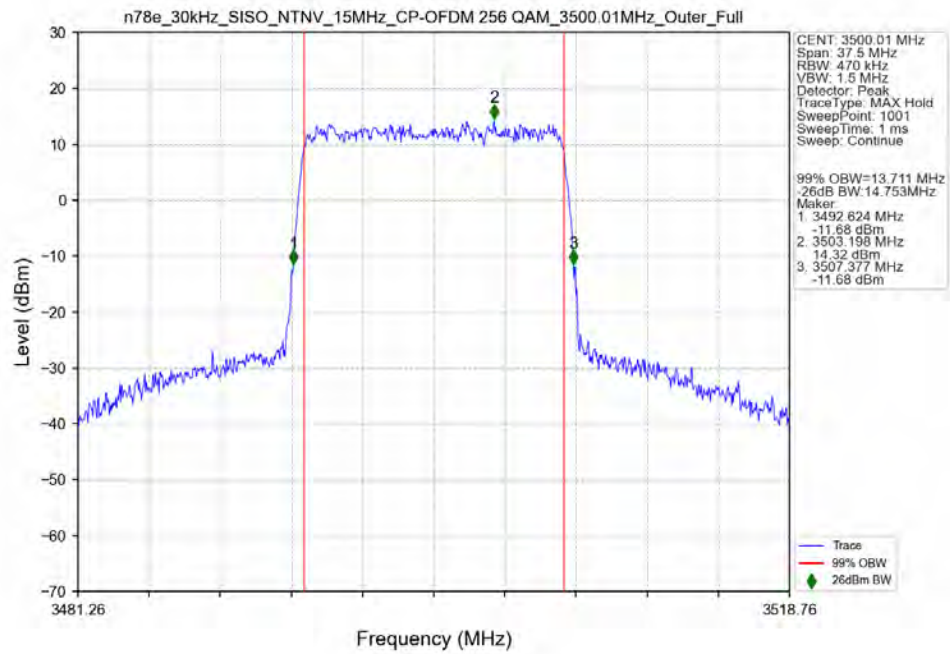
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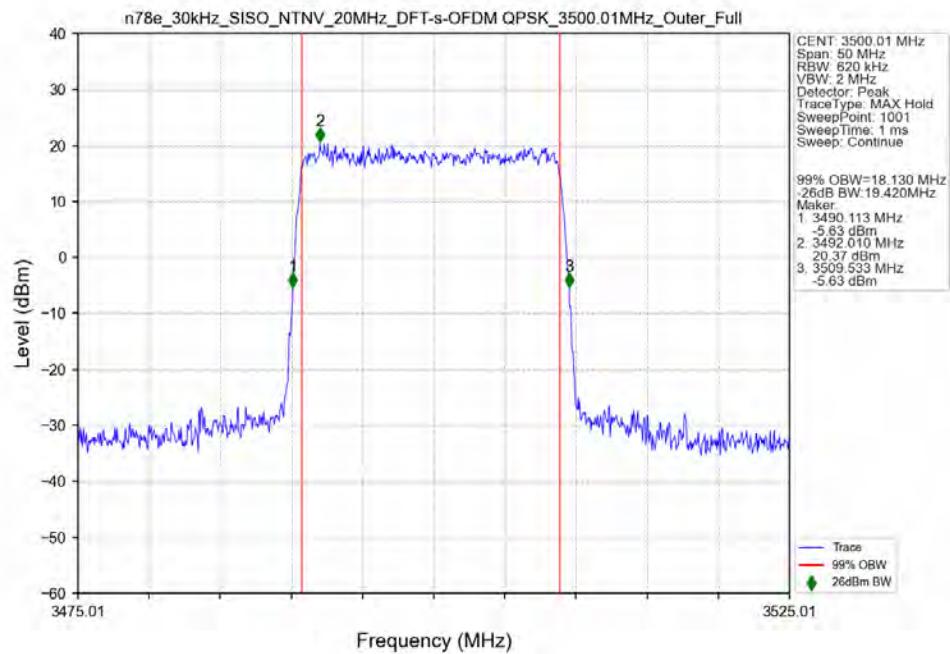
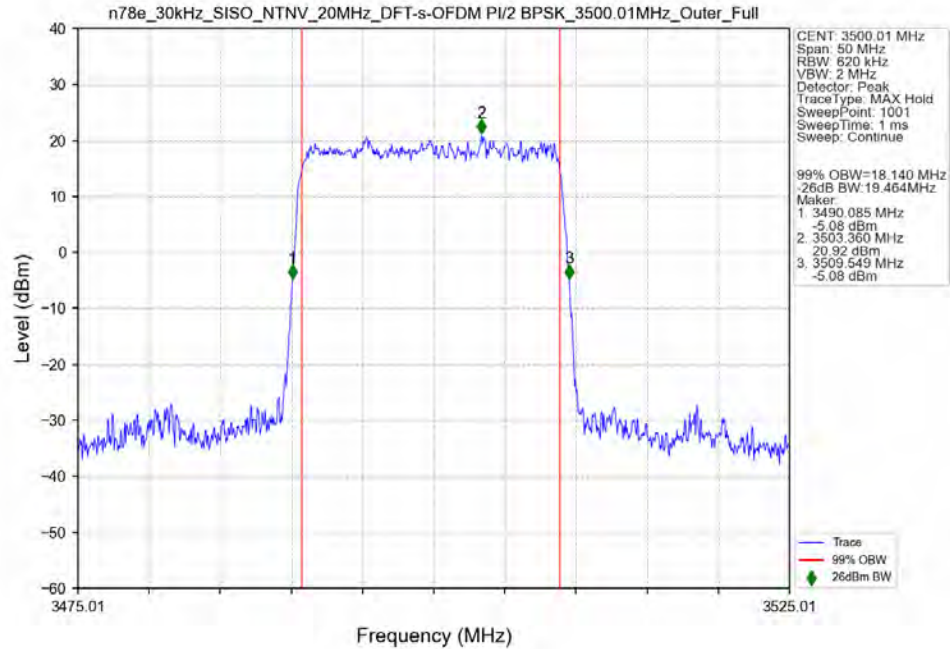
n78e_30kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 3500.01MHz Outer Full Ant0



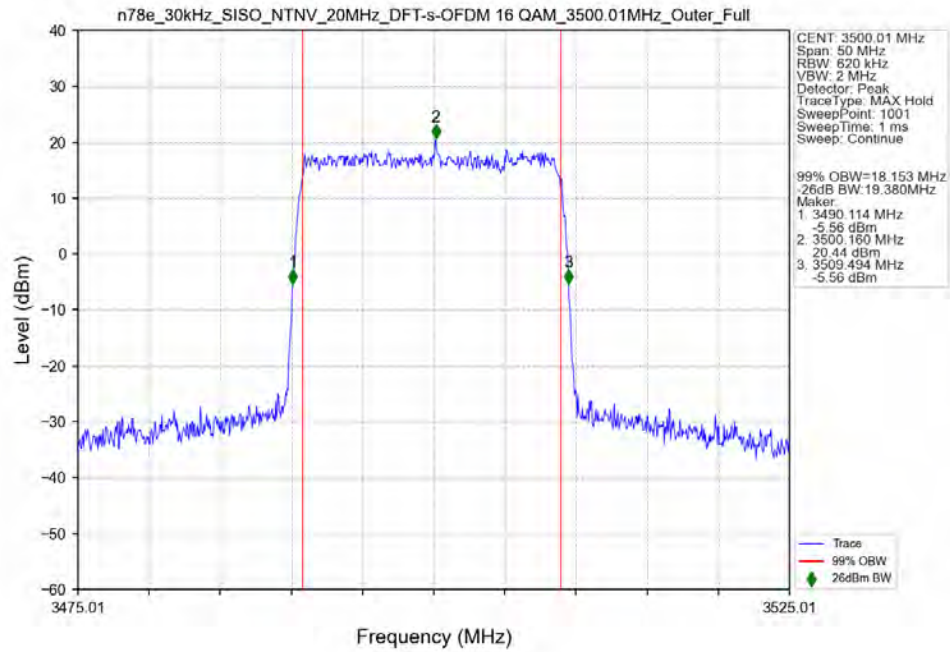
n78e 30kHz SISO NTN 15MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant0



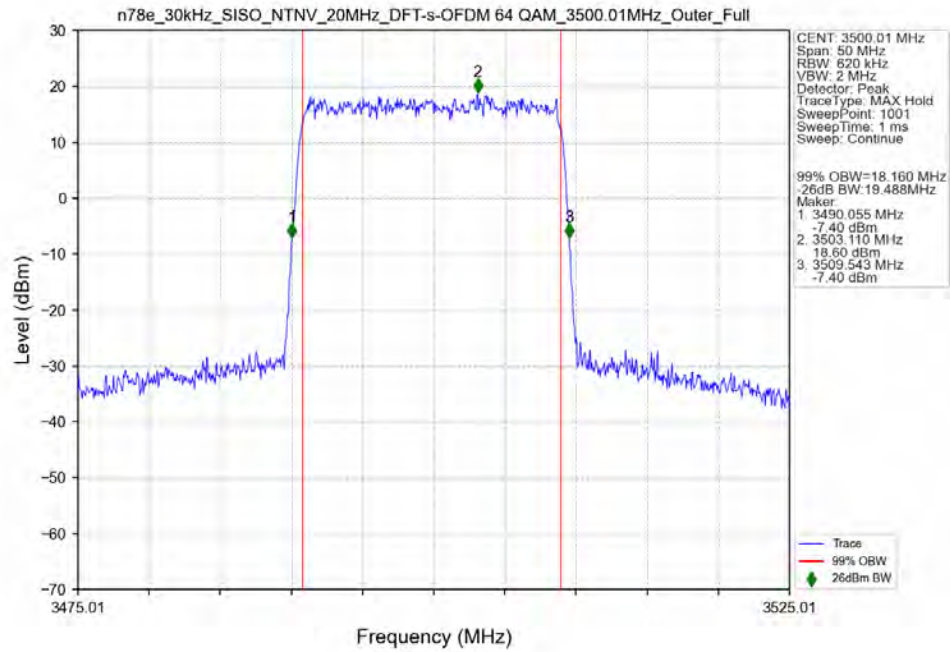
n78e_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Outer_Full_Ant0



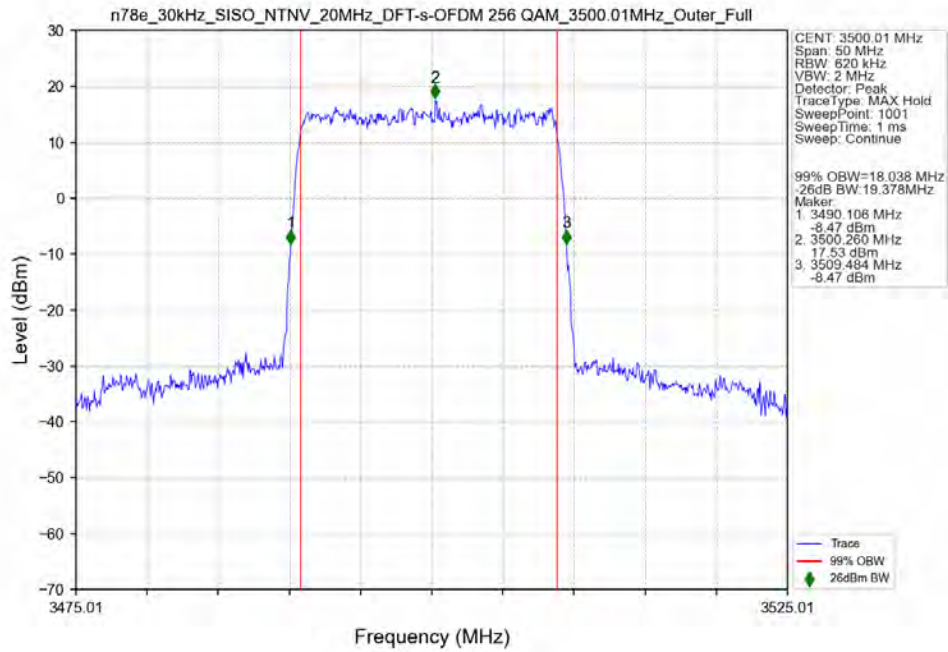
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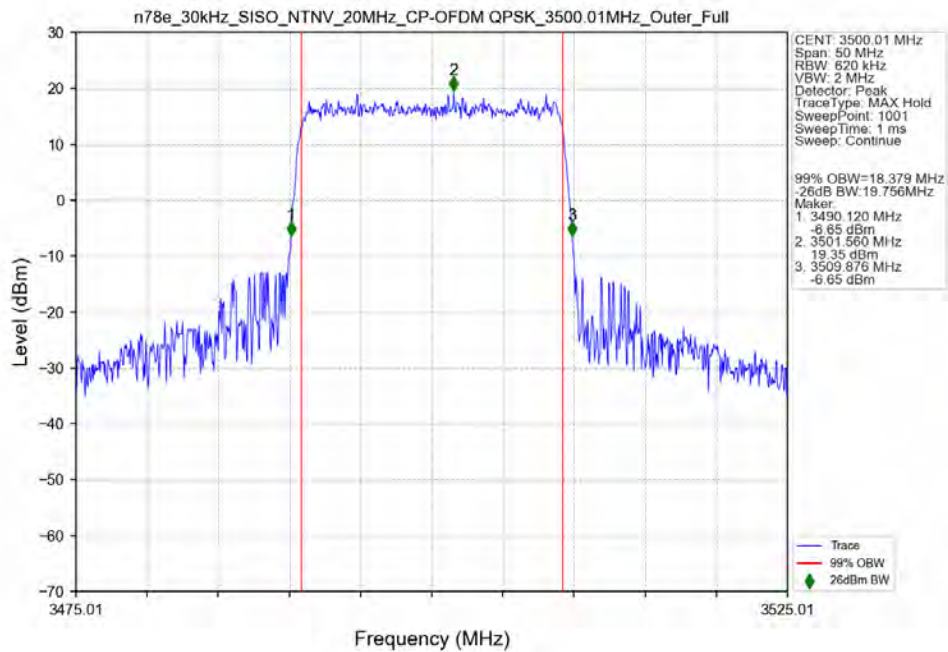
n78e_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3500.01MHz_Outer_Full_Ant0



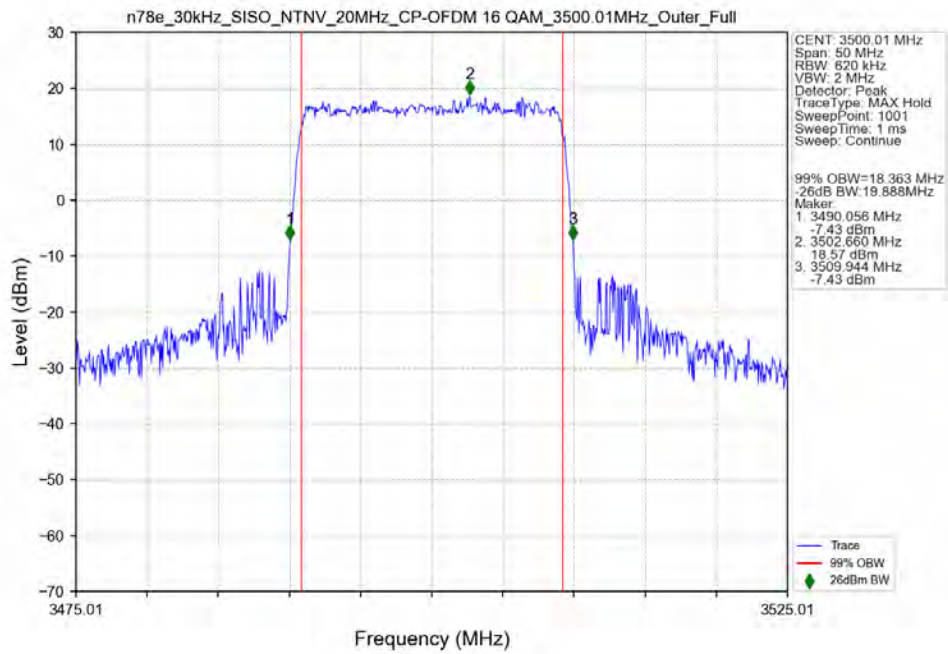
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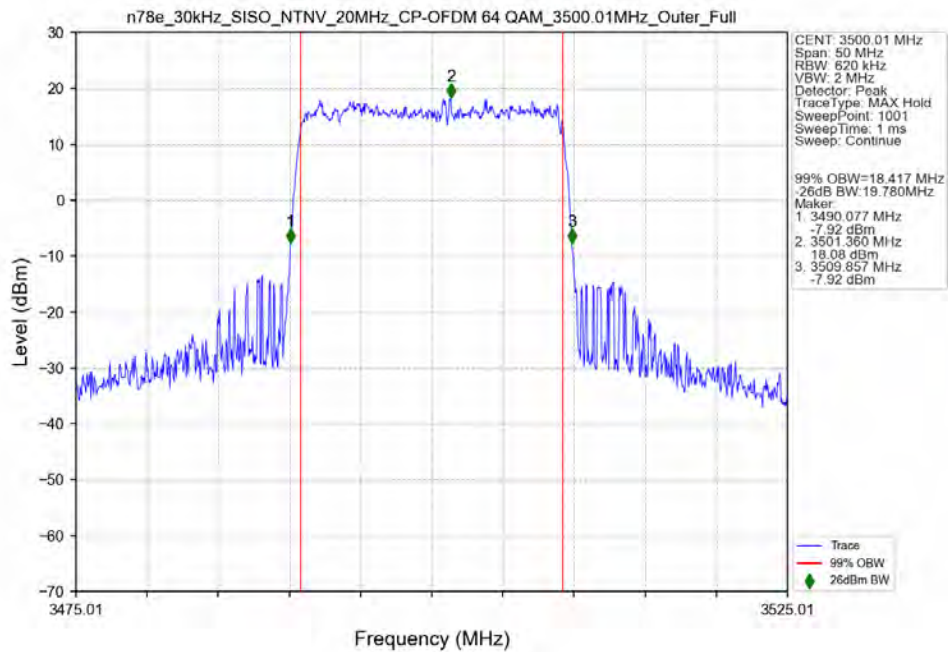
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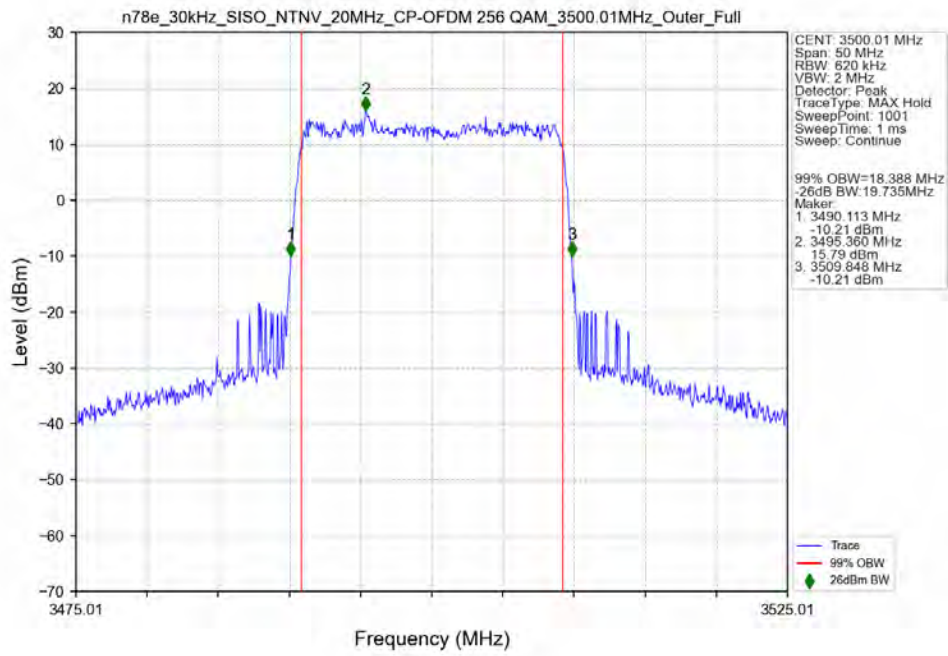
n78e_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 3500.01MHz Outer Full Ant0



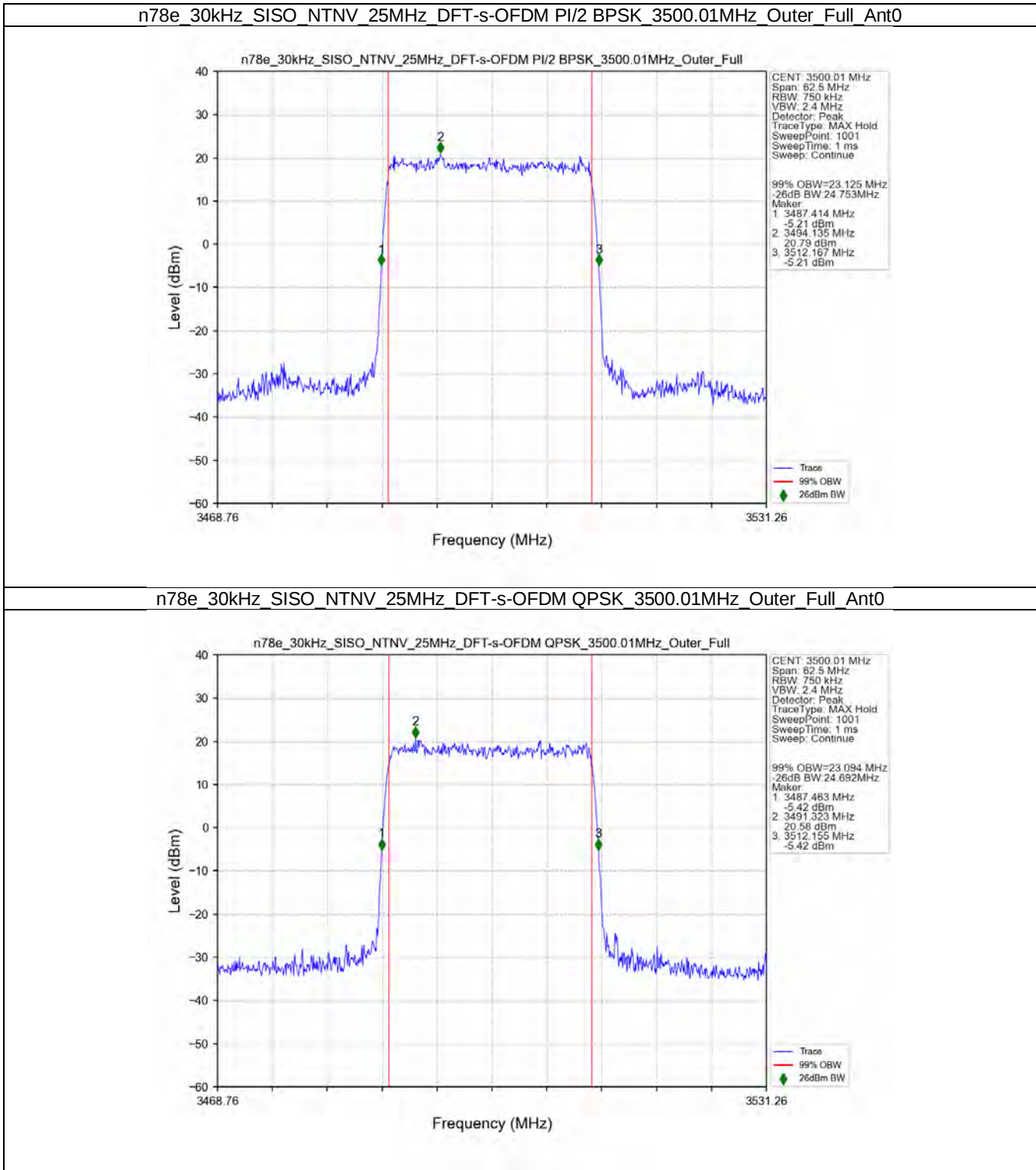
n78e_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 3500.01MHz Outer Full Ant0



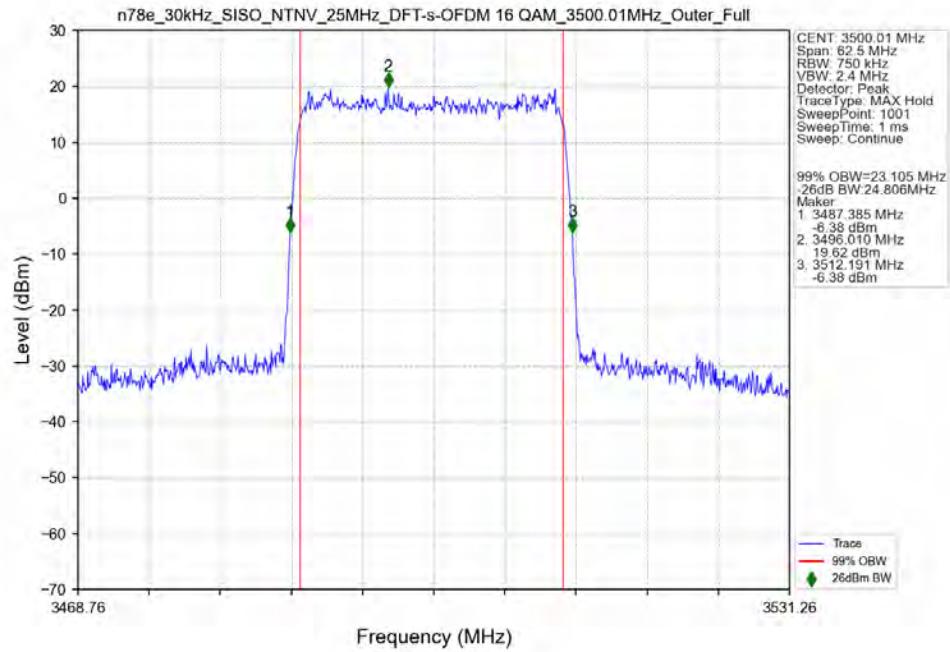
n78e 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant0



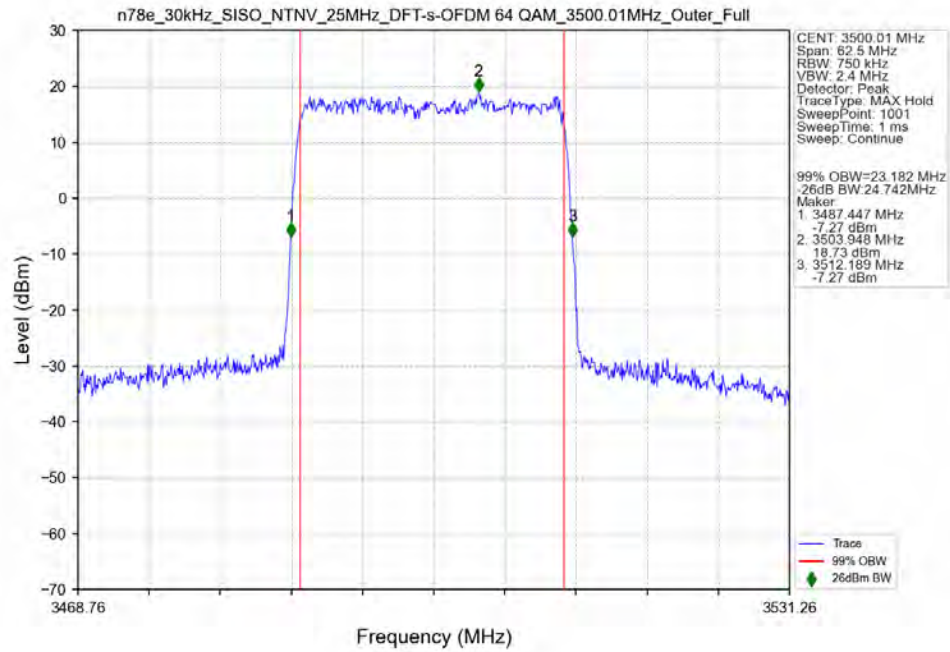
3.2.4 30k_SISO_25MHz_NTNV



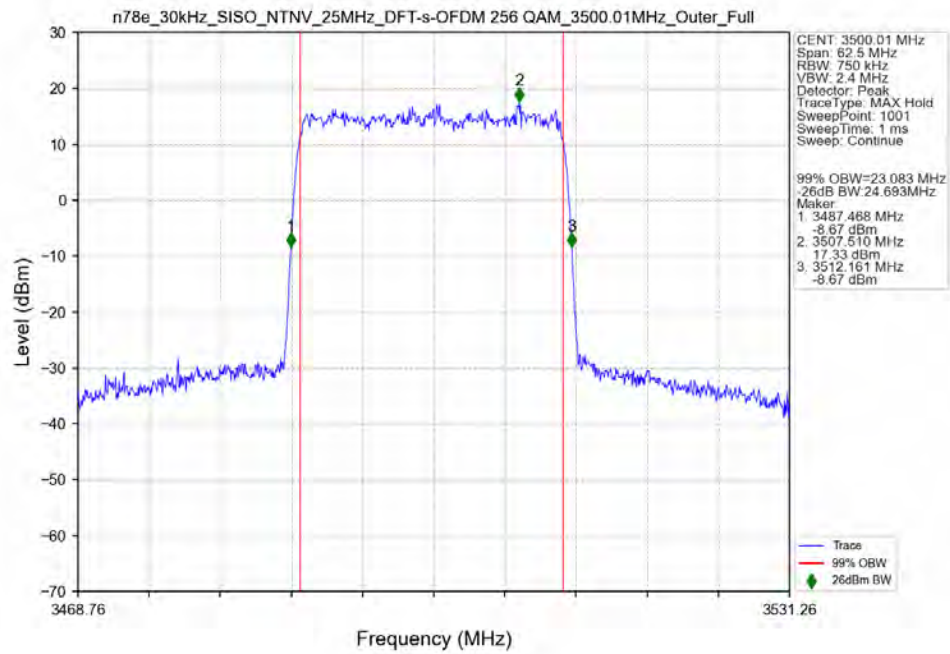
n78e 30kHz SISO NTN 25MHz DFT-s-OFDM 16 QAM 3500.01MHz Outer Full Ant0



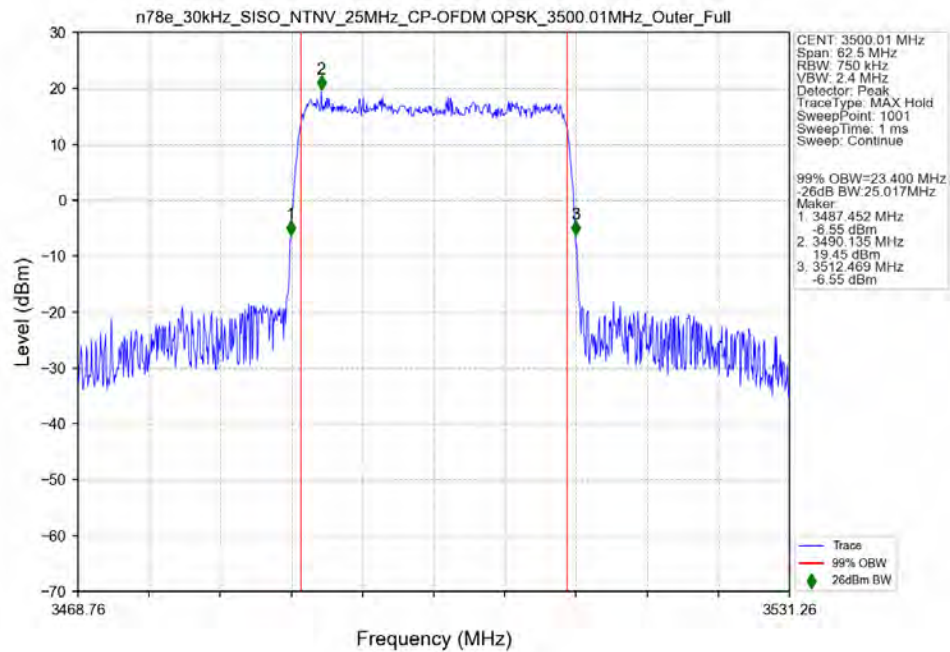
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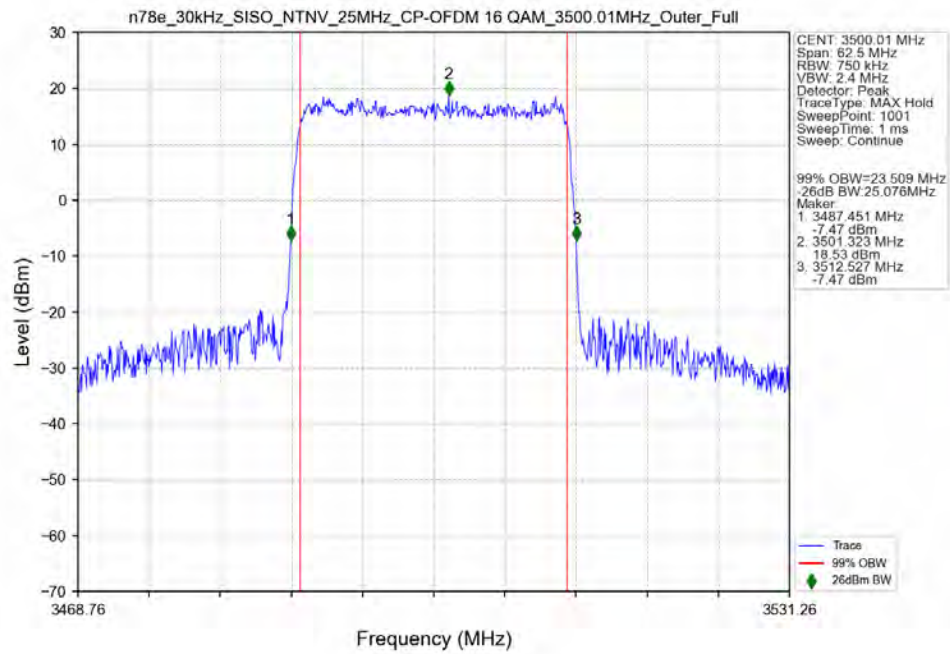
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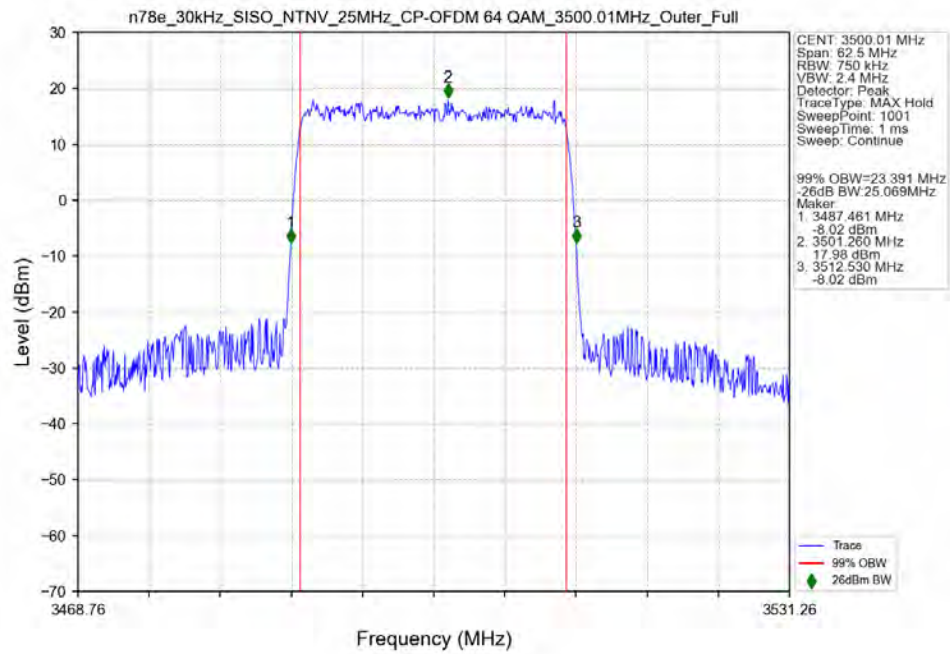
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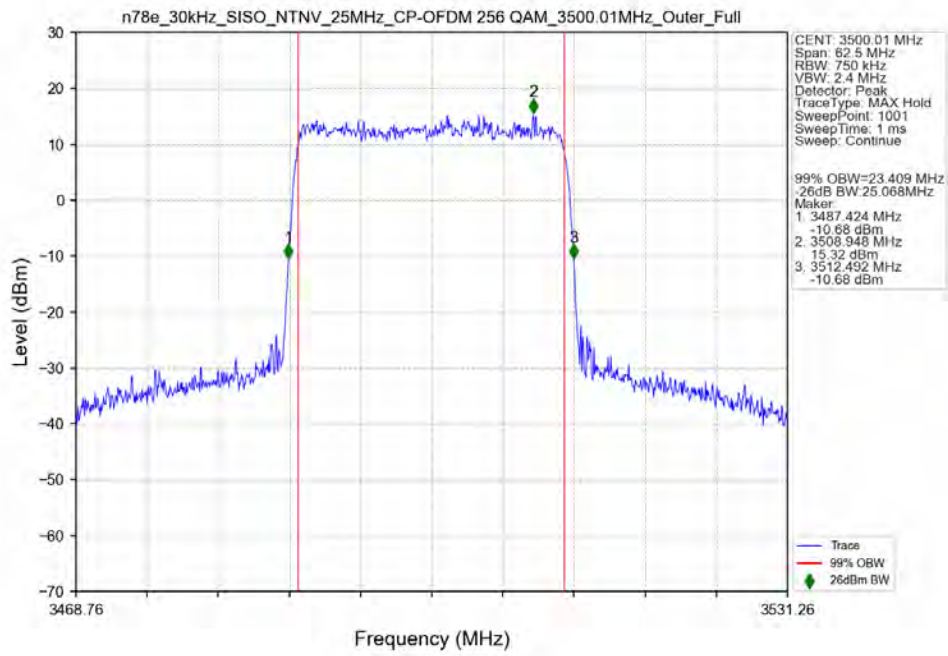
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n78e_30kHz_SISO_NTNV_25MHz_CP-OFDM 64 QAM_3500.01MHz_Outer_Full_Ant0



n78e 30kHz SISO NTN 25MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant0



n78e_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3500.01MHz_Outer_Full_Ant0

Level (dBm)

Frequency (MHz)

Trace

99% OBW

26dBm BW

CENT: 3500.01 MHz
Span: 75 MHz
RBW: 910 kHz
VBW: 3 MHz
Detector: Peak
Trace Type: MAX Hold
SweepPoint: 1001
SweepTime: 1 ms
Sweep: Continue

99% OBW=27.065 MHz
26dB BW 29.058MHz

Maker

1 3484.833 MHz
-4.07 dBm
2 3506.460 MHz
21.93 dBm
3 3513.891 MHz
-4.07 dBm

n78e_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_3500.01MHz_Outer_Full_Ant0

Level (dBm)

Frequency (MHz)

Trace

99% OBW

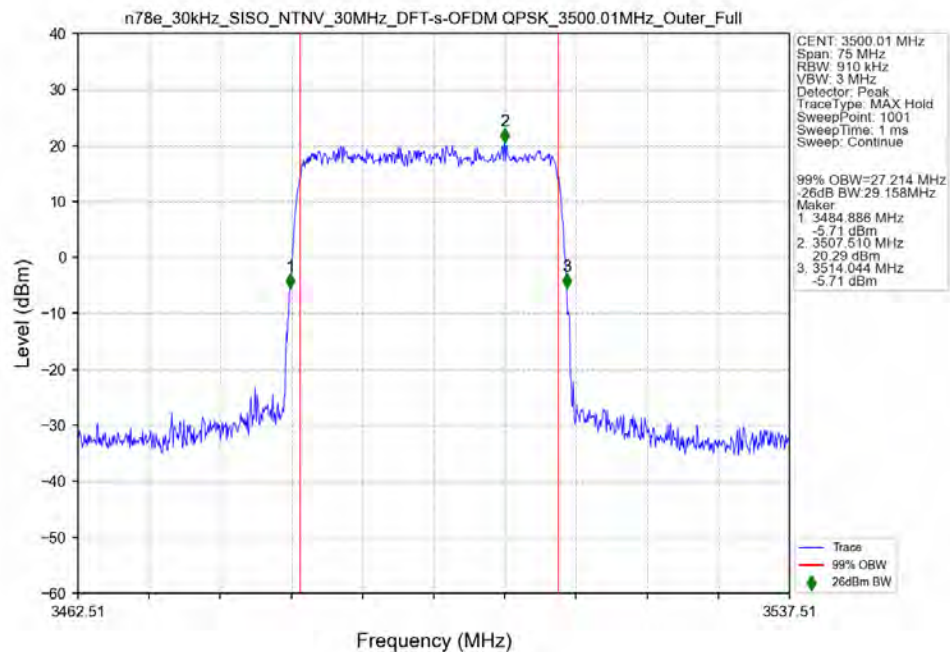
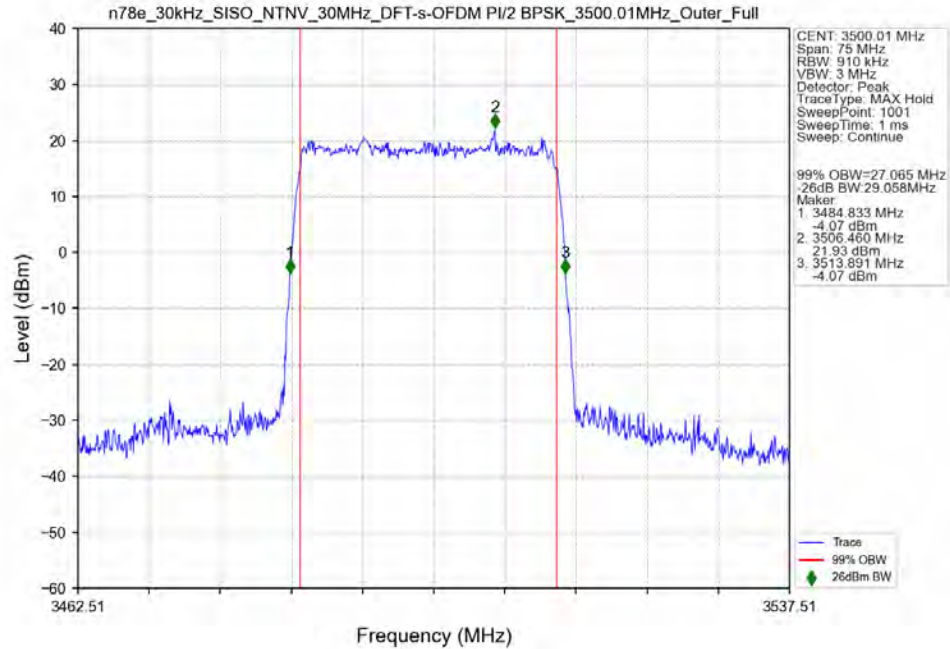
26dBm BW

CENT: 3500.01 MHz
Span: 75 MHz
RBW: 910 kHz
VBW: 3 MHz
Detector: Peak
Trace Type: MAX Hold
SweepPoint: 1001
SweepTime: 1 ms
Sweep: Continue

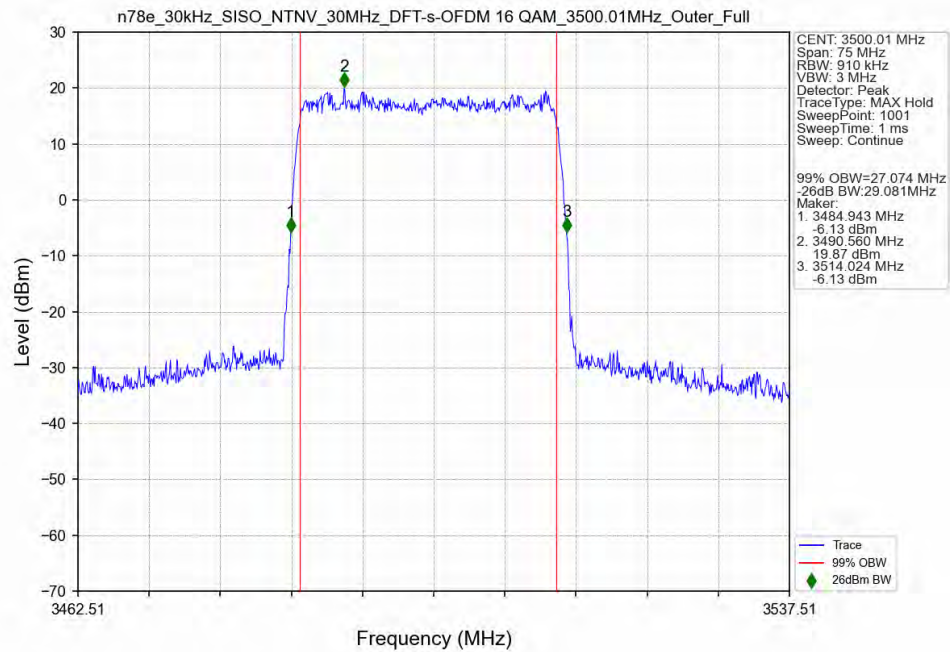
99% OBW=27.214 MHz
26dB BW 29.158MHz

Maker

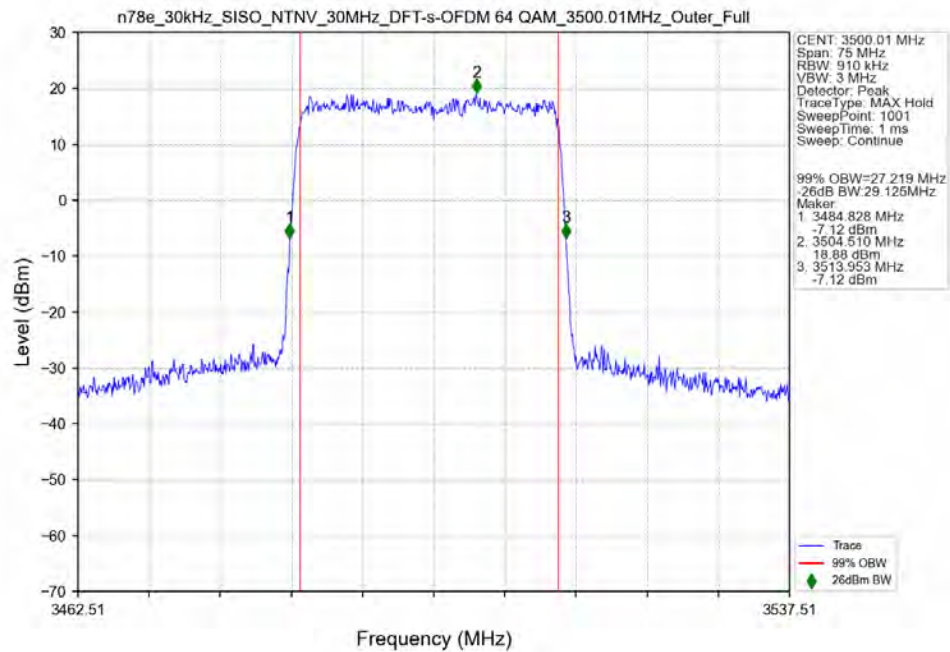
1 3484.886 MHz
-5.71 dBm
2 3507.510 MHz
20.29 dBm
3 3514.044 MHz
-5.71 dBm



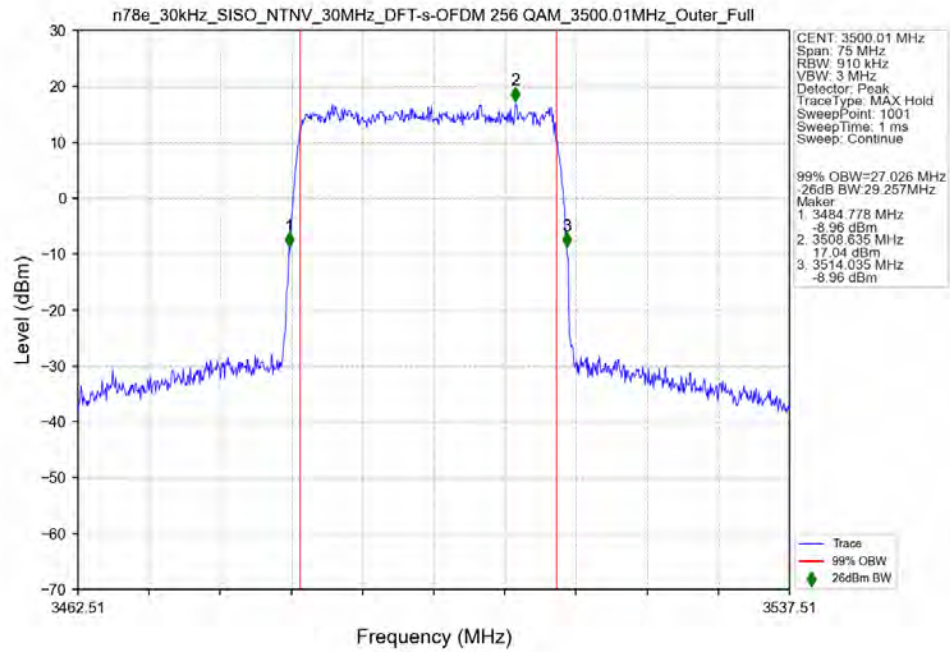
n78e 30kHz SISO NTN 30MHz DFT-s-OFDM 16 QAM 3500.01MHz Outer Full Ant0



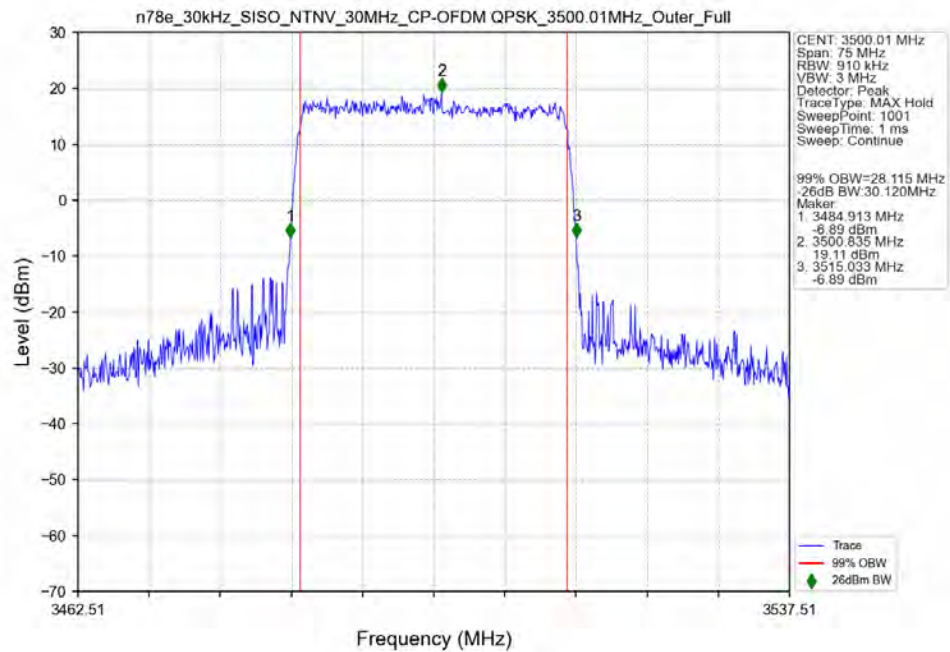
n78e 30kHz SISO NTN 30MHz DFT-s-OFDM 64 QAM 3500.01MHz Outer Full Ant0



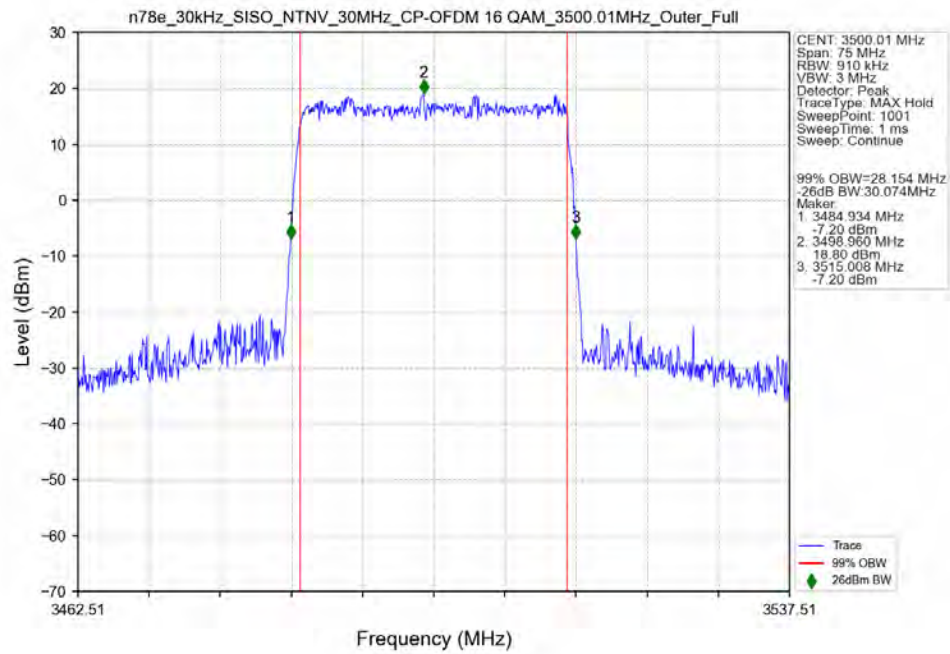
n78e 30kHz SISO NTN 30MHz DFT-s-OFDM 256 QAM 3500.01MHz Outer Full Ant0



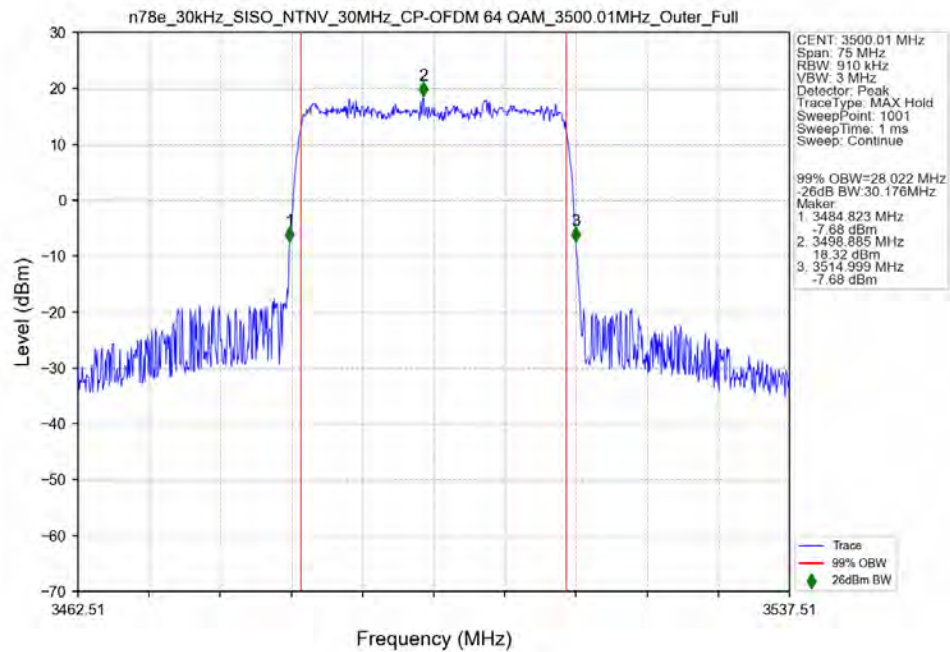
n78e 30kHz SISO NTN 30MHz CP-OFDM QPSK 3500.01MHz Outer Full Ant0



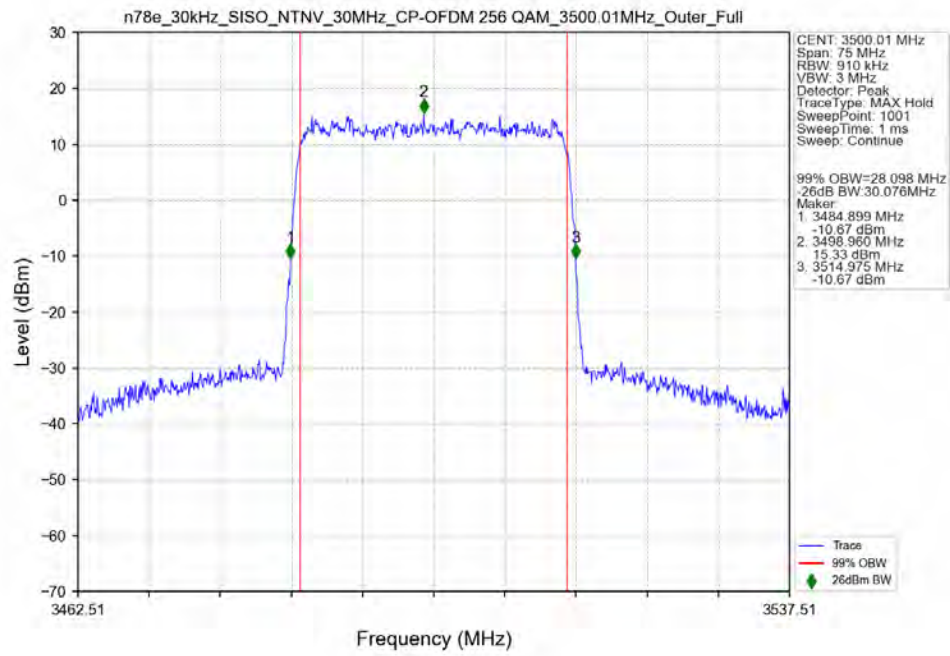
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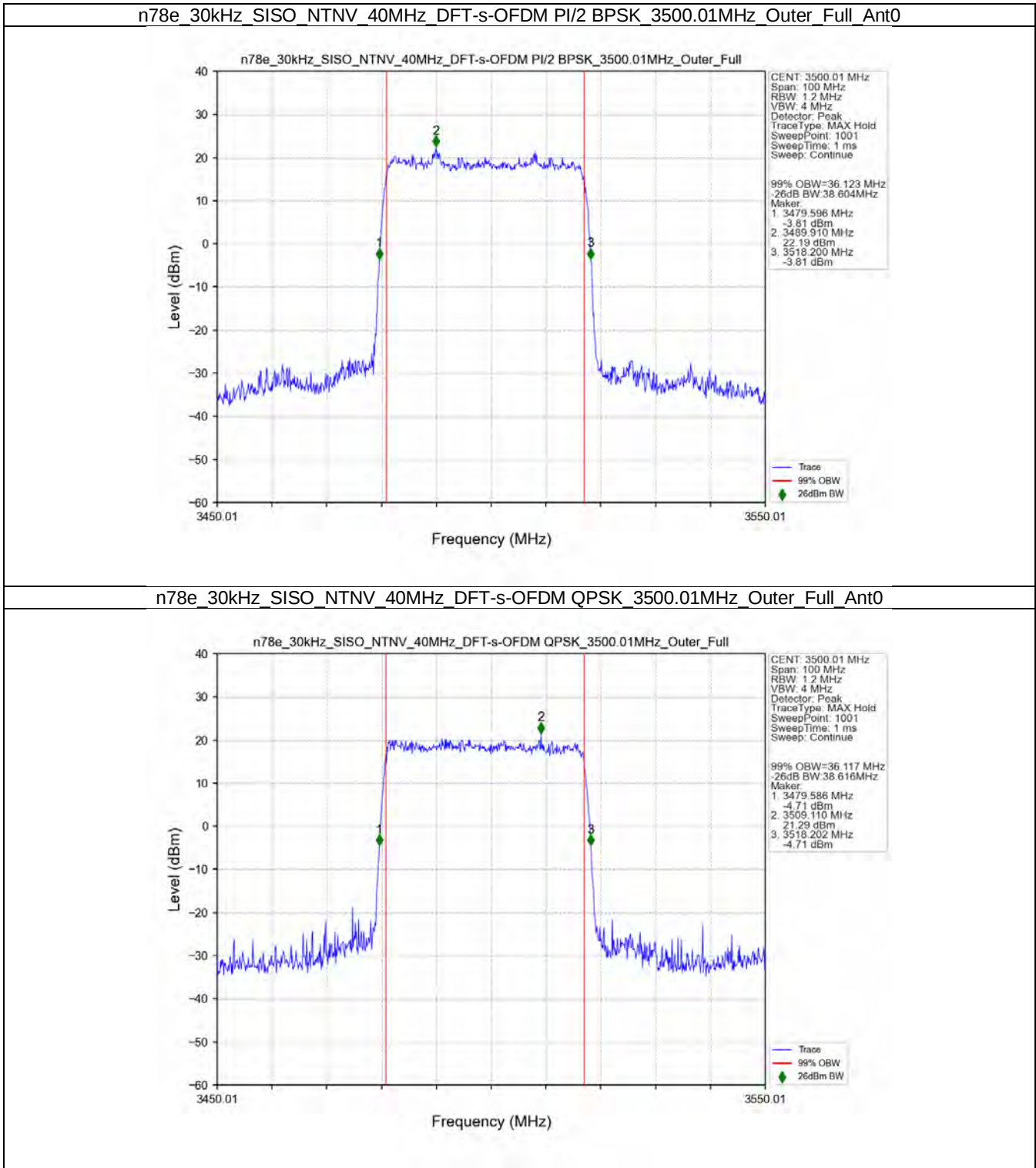
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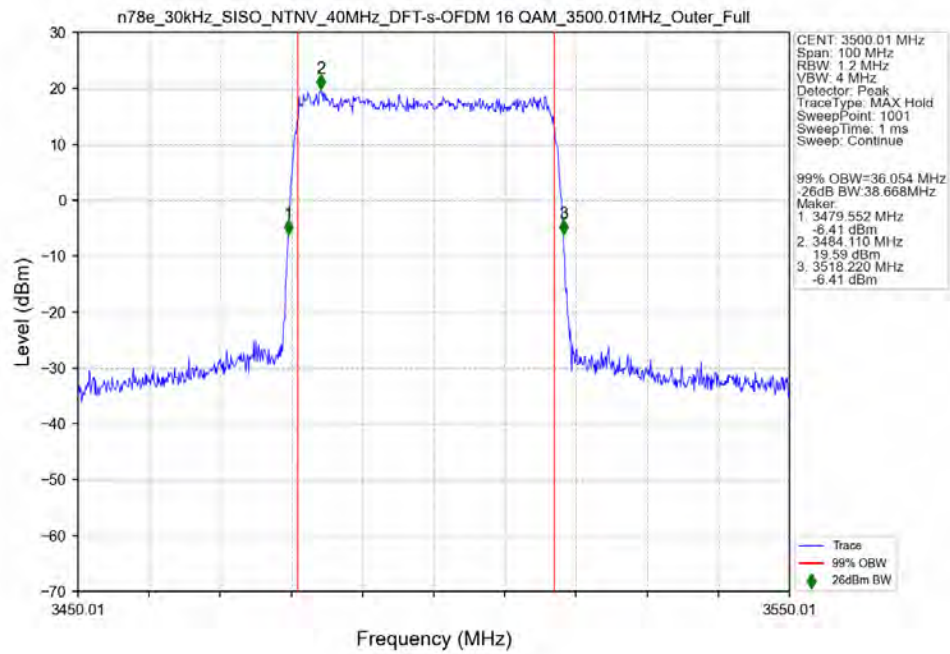
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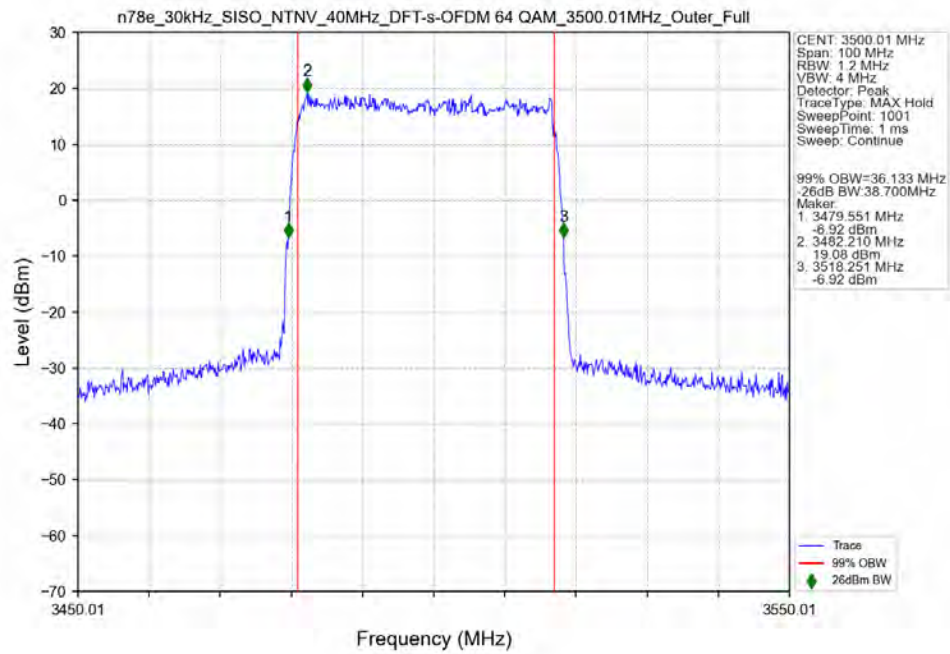
3.2.6 30k_SISO_40MHz_NTNV



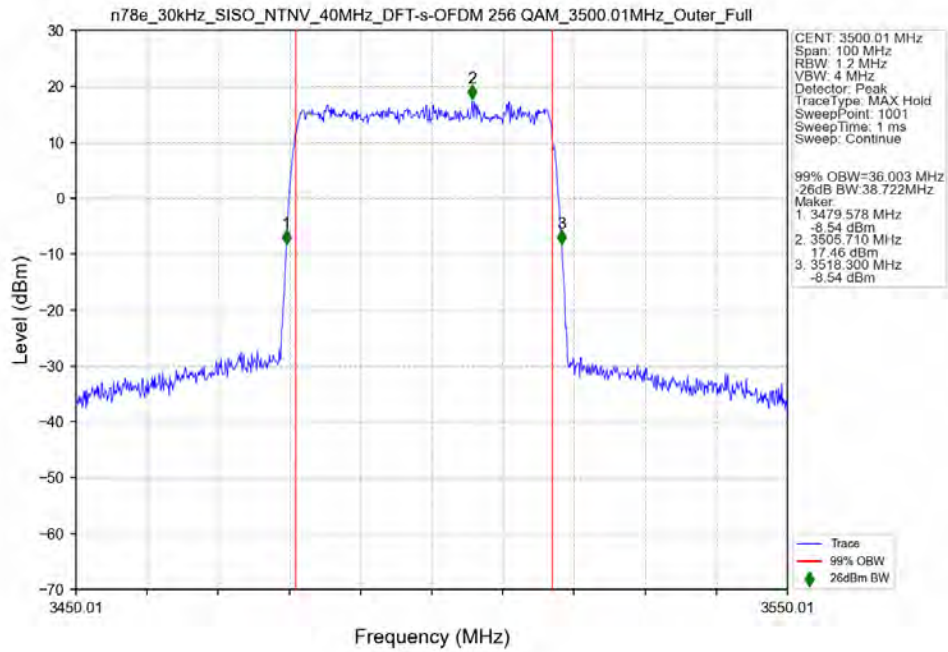
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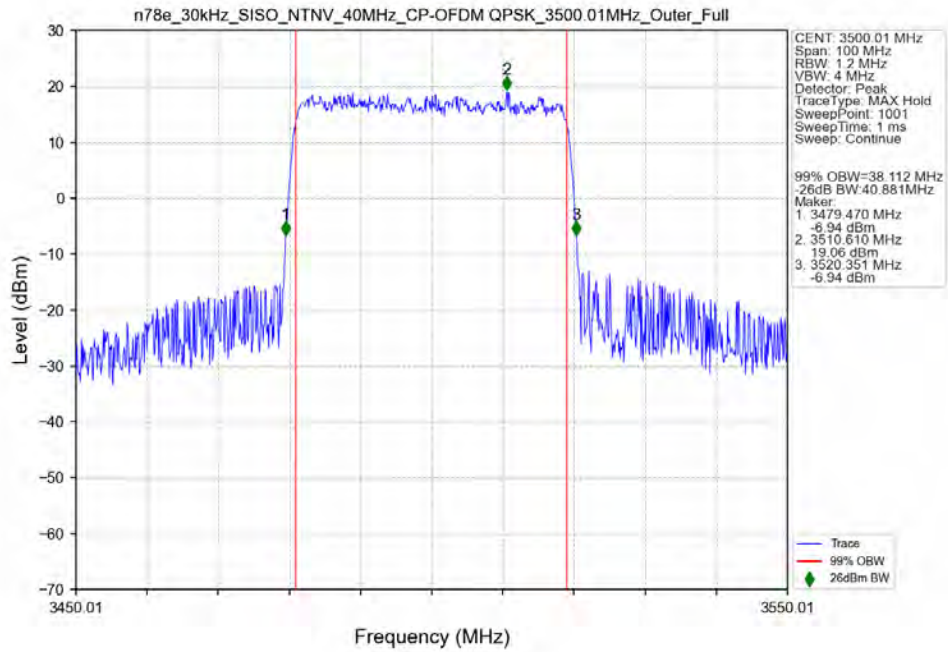
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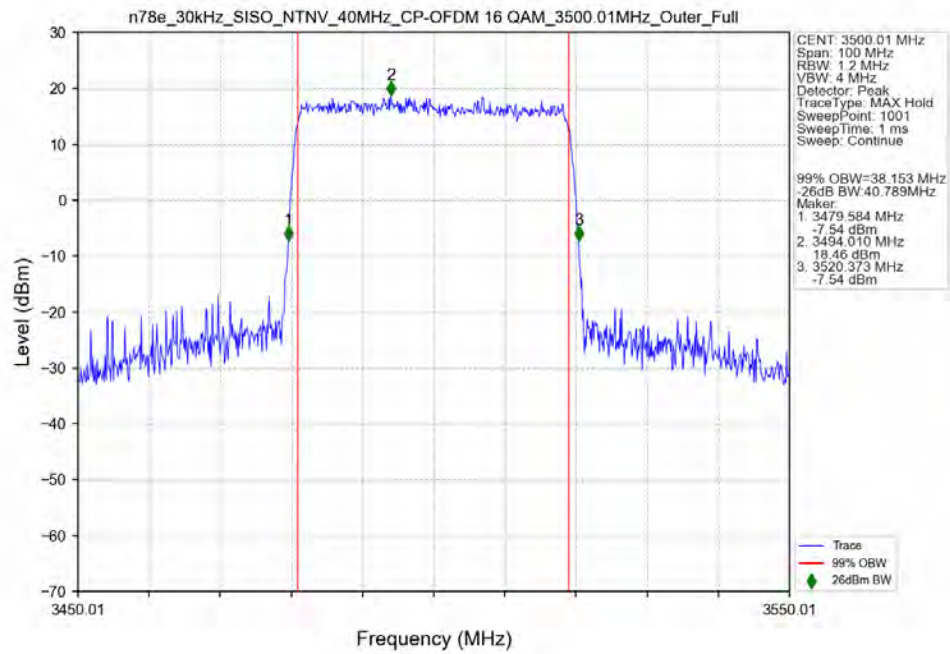
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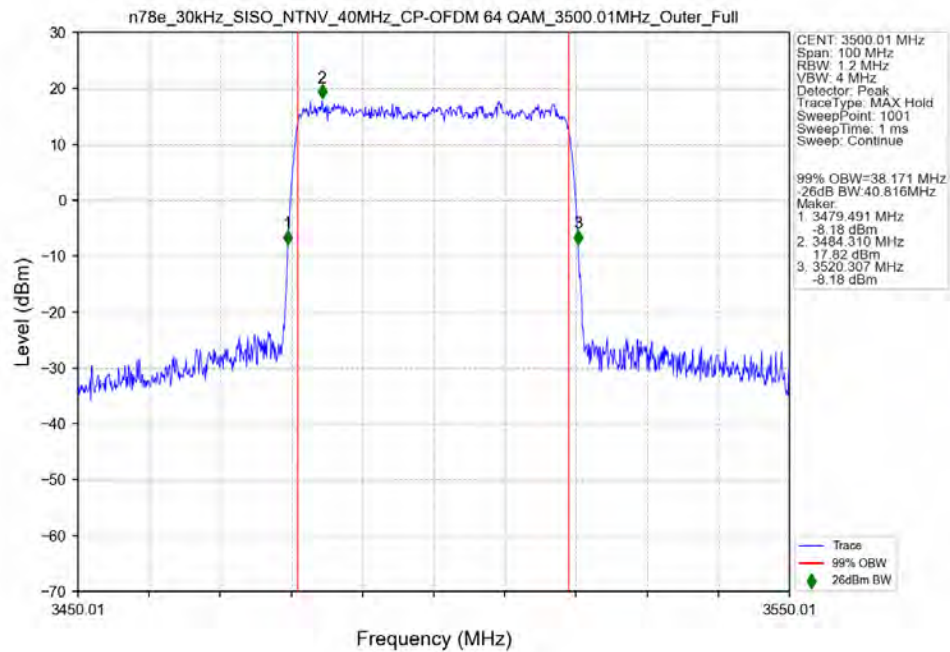
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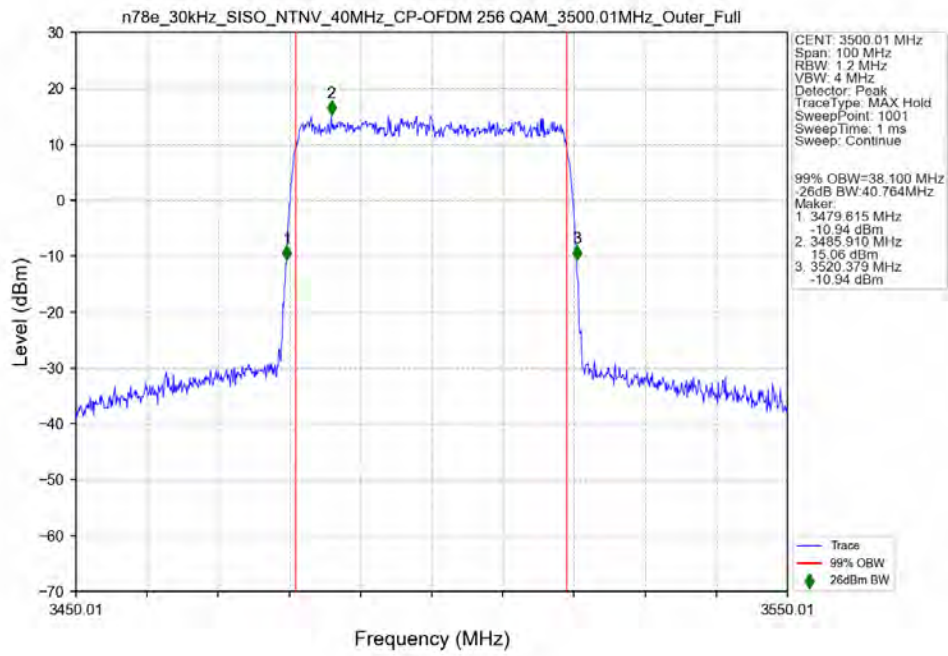
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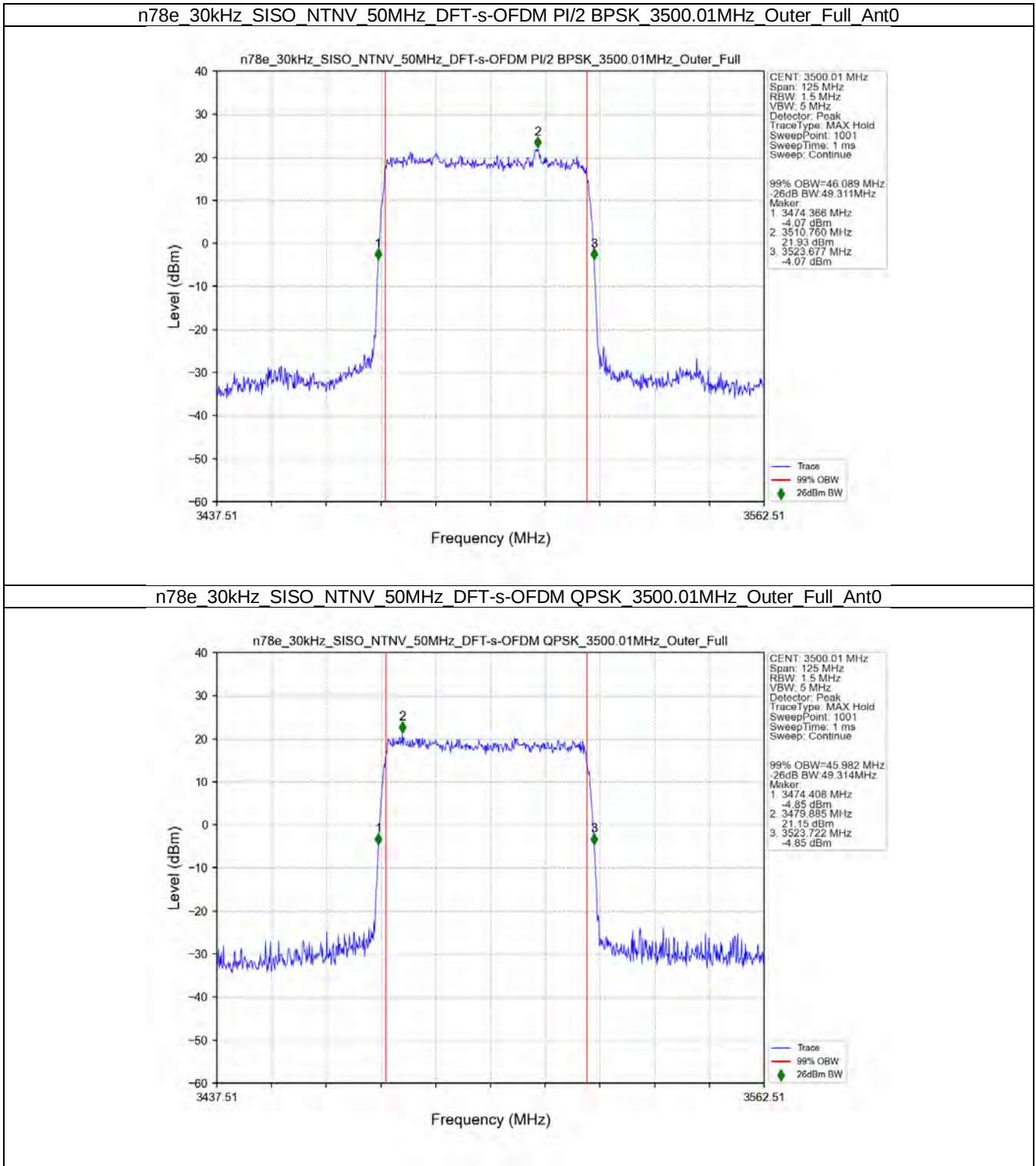
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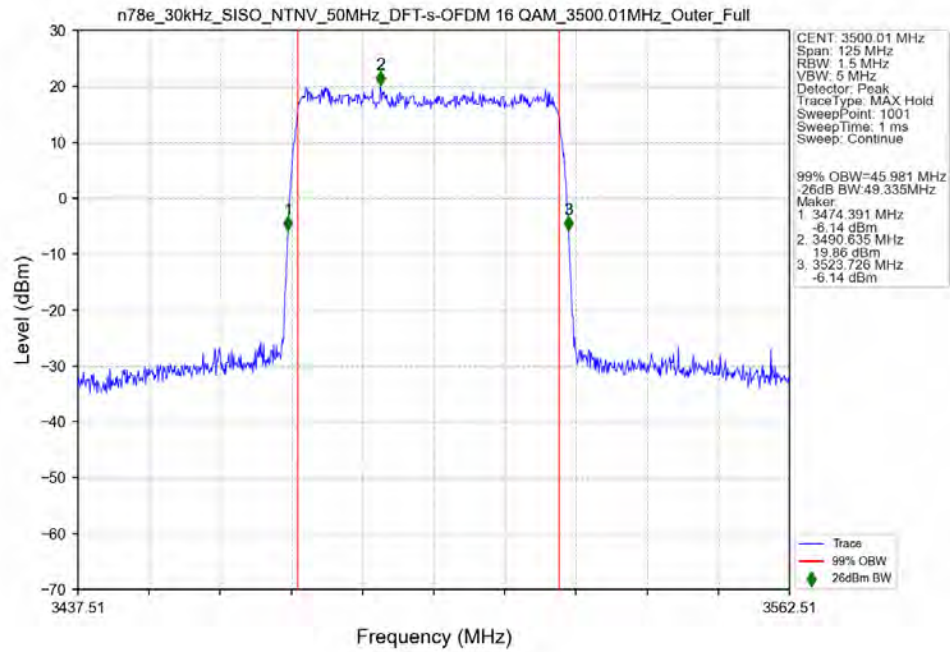
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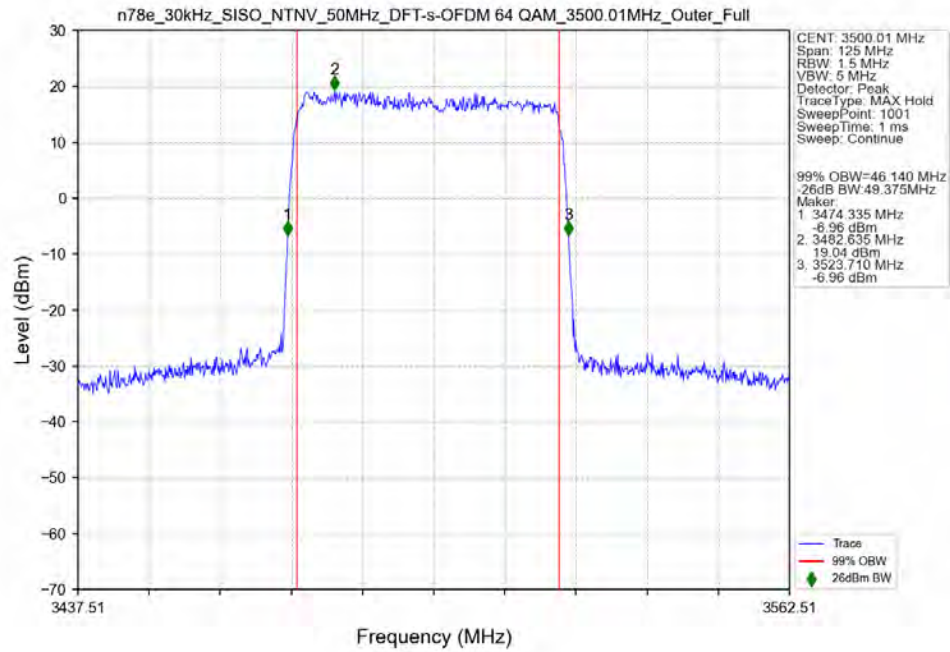
3.2.7 30k_SISO_50MHz_NTNV



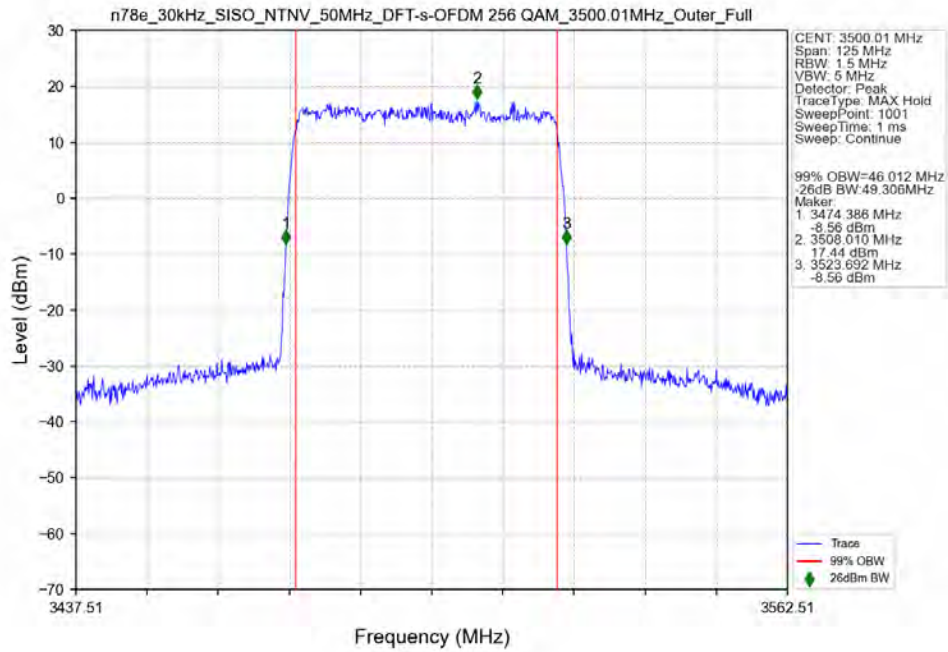
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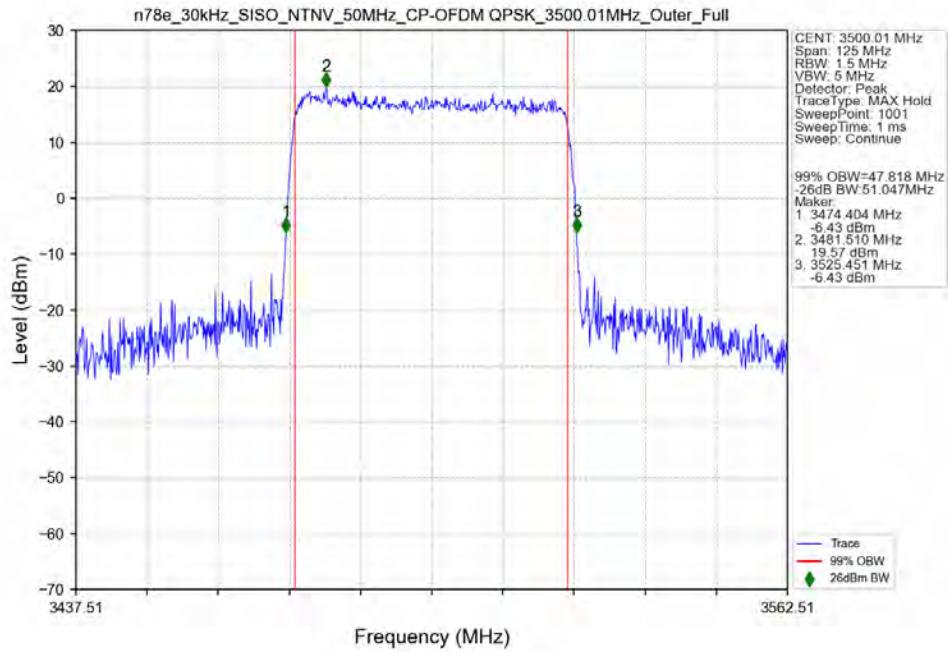
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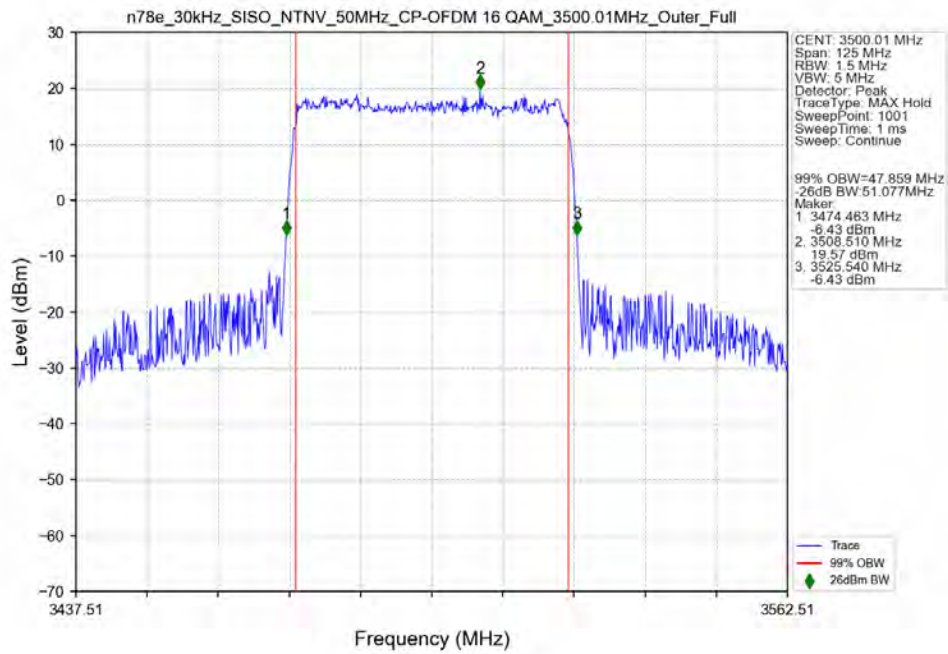
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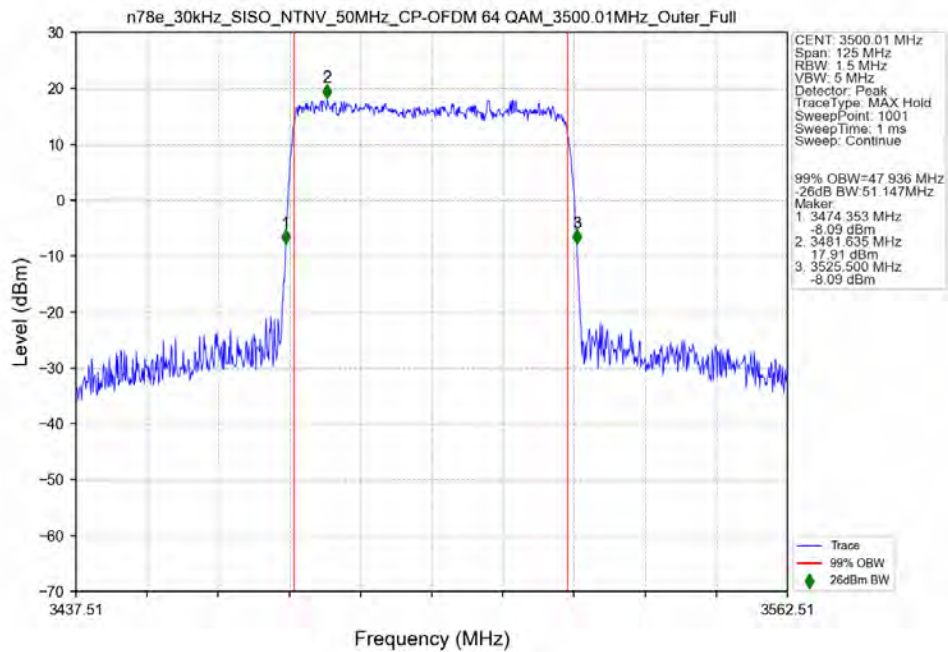
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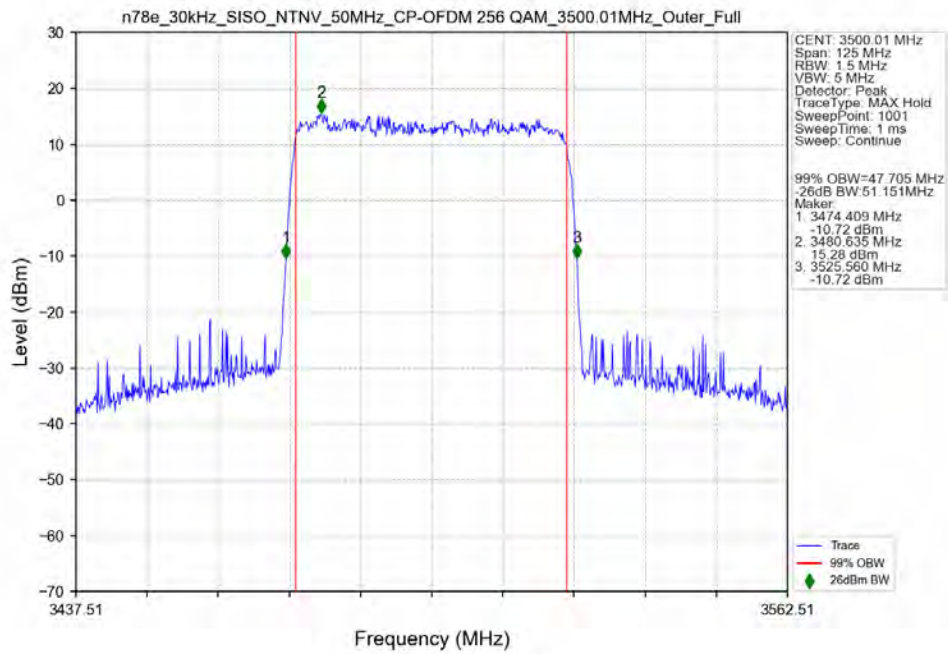
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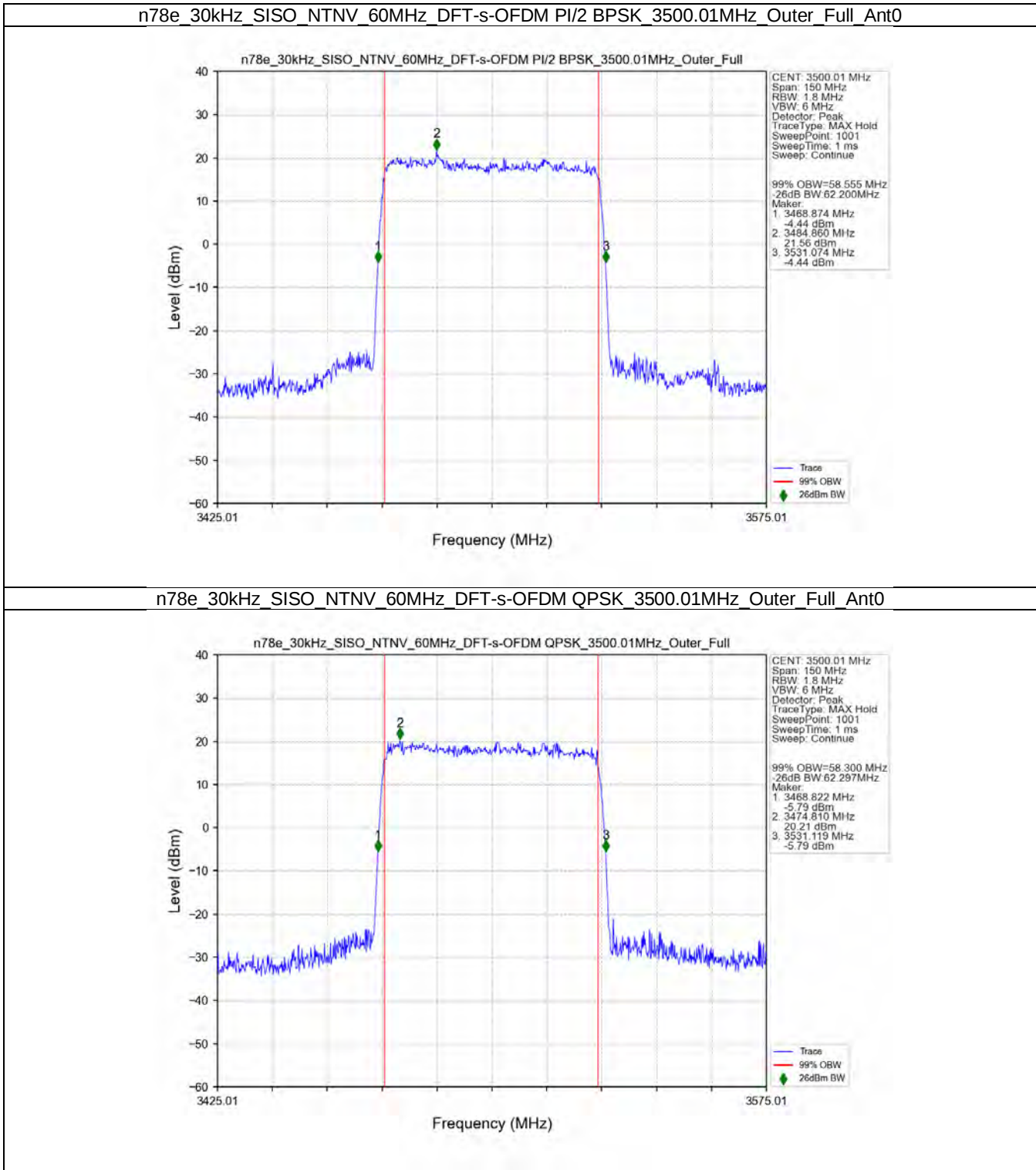
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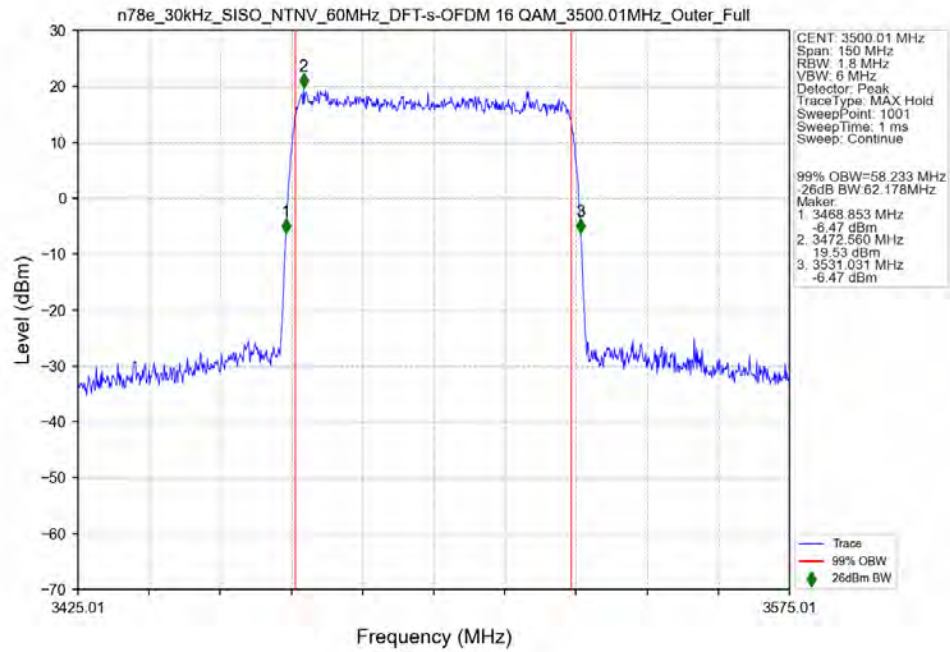
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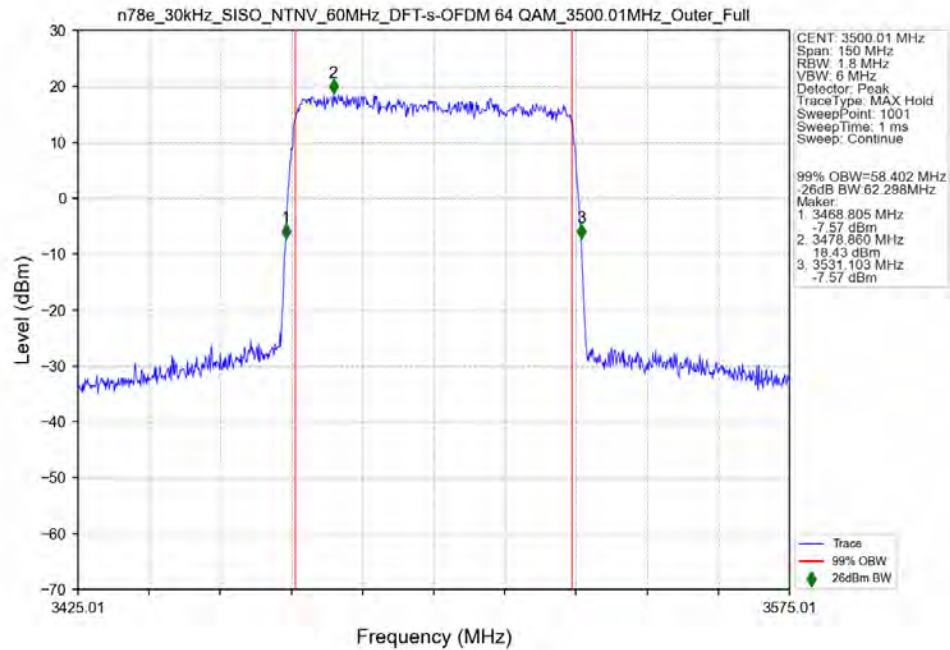
3.2.8 30k_SISO_60MHz_NTNV



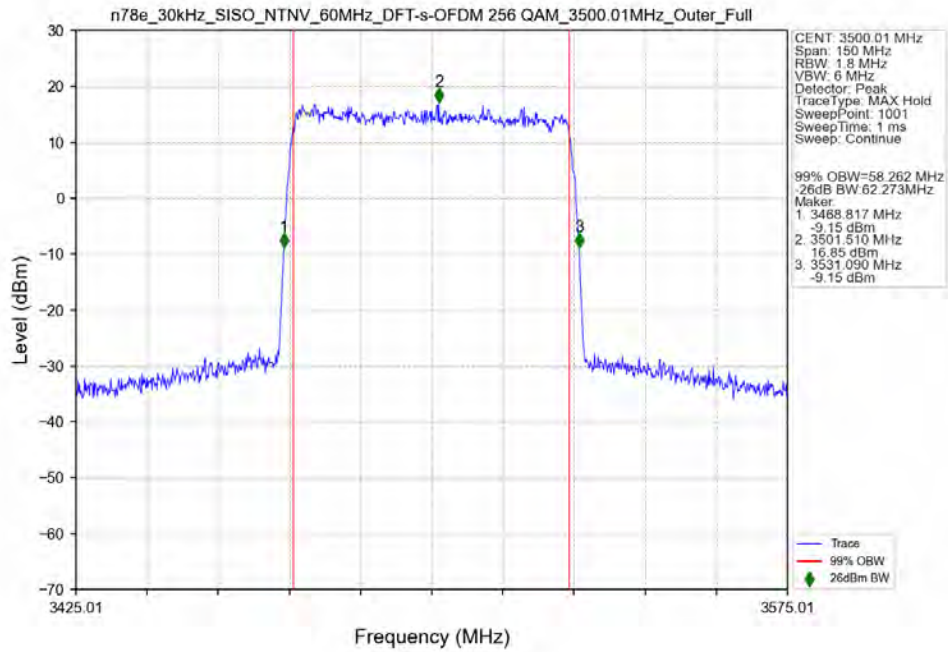
n78e 30kHz SISO NTN 60MHz DFT-s-OFDM 16 QAM 3500.01MHz Outer Full Ant0



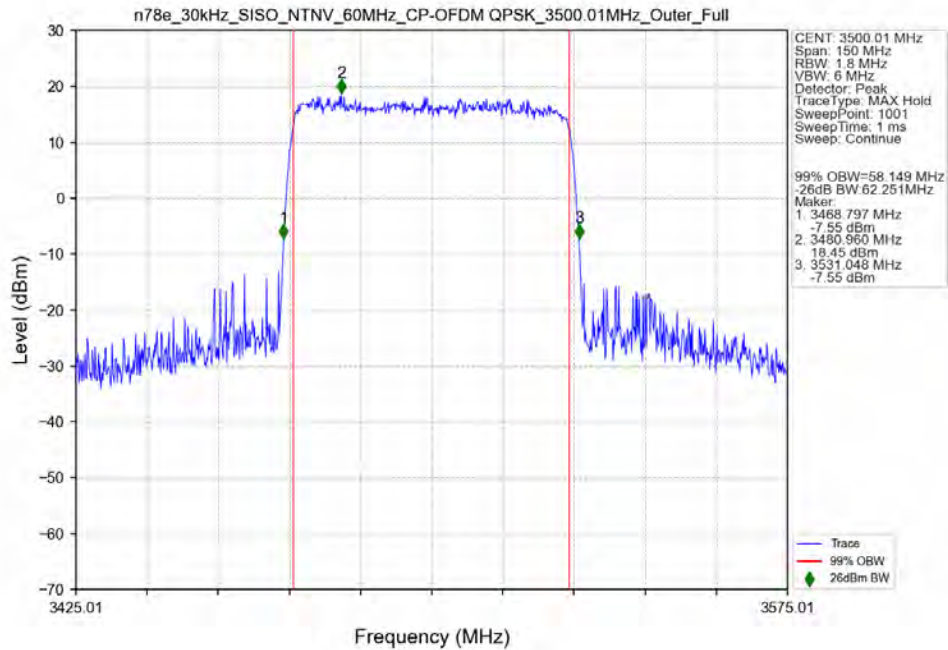
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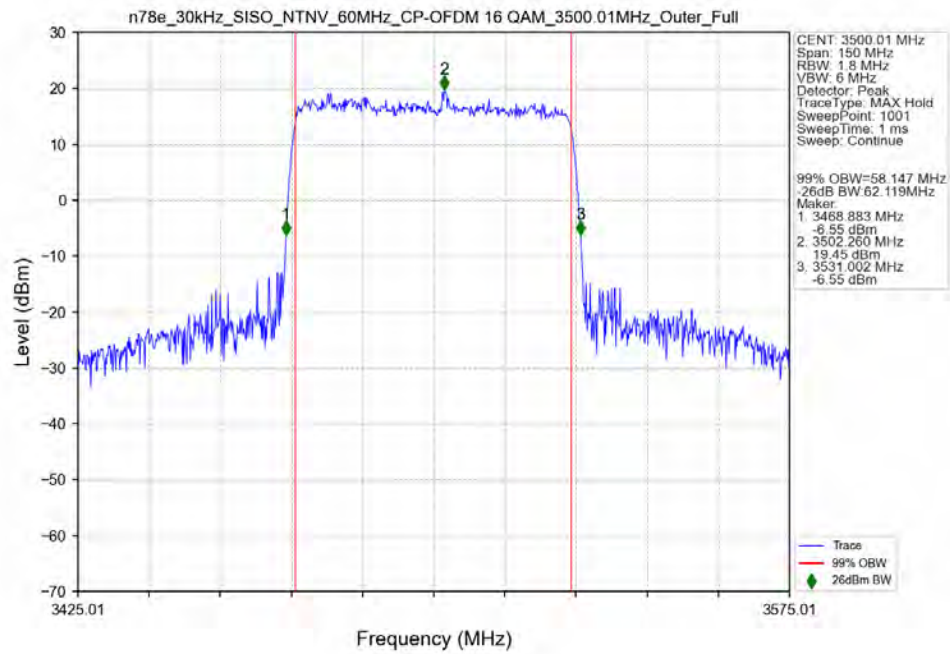
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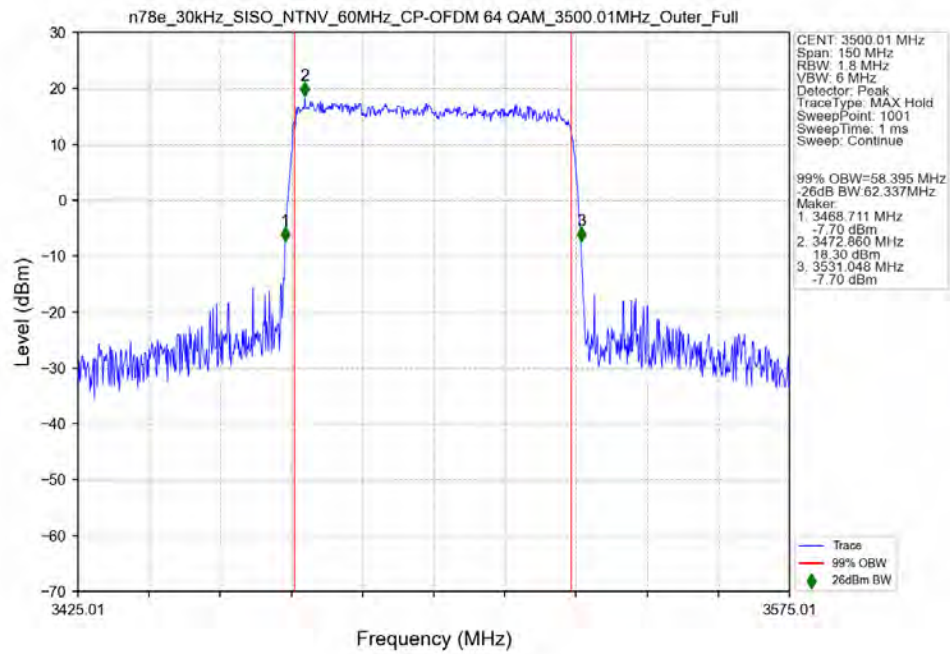
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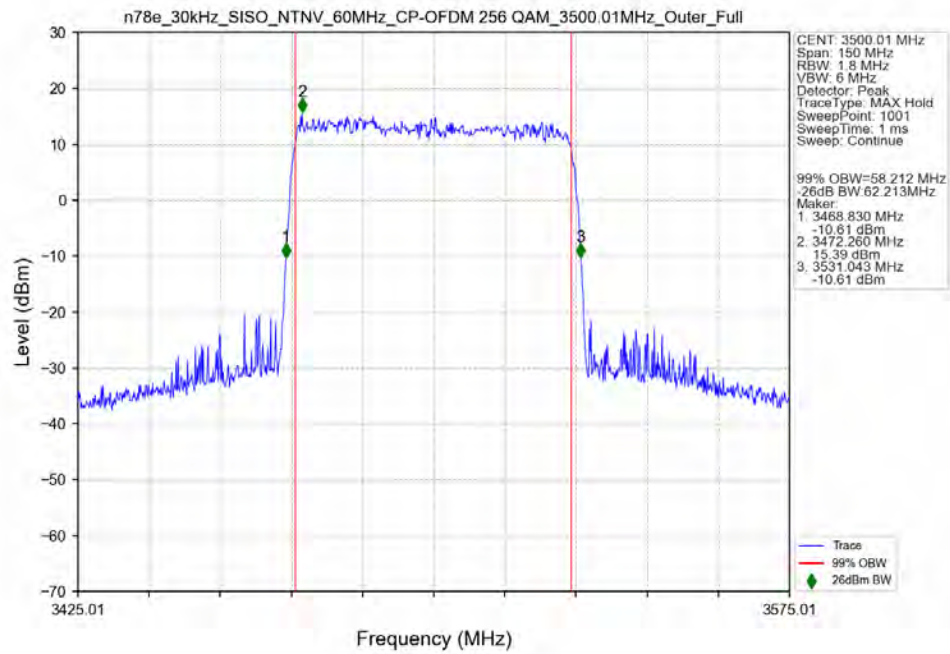
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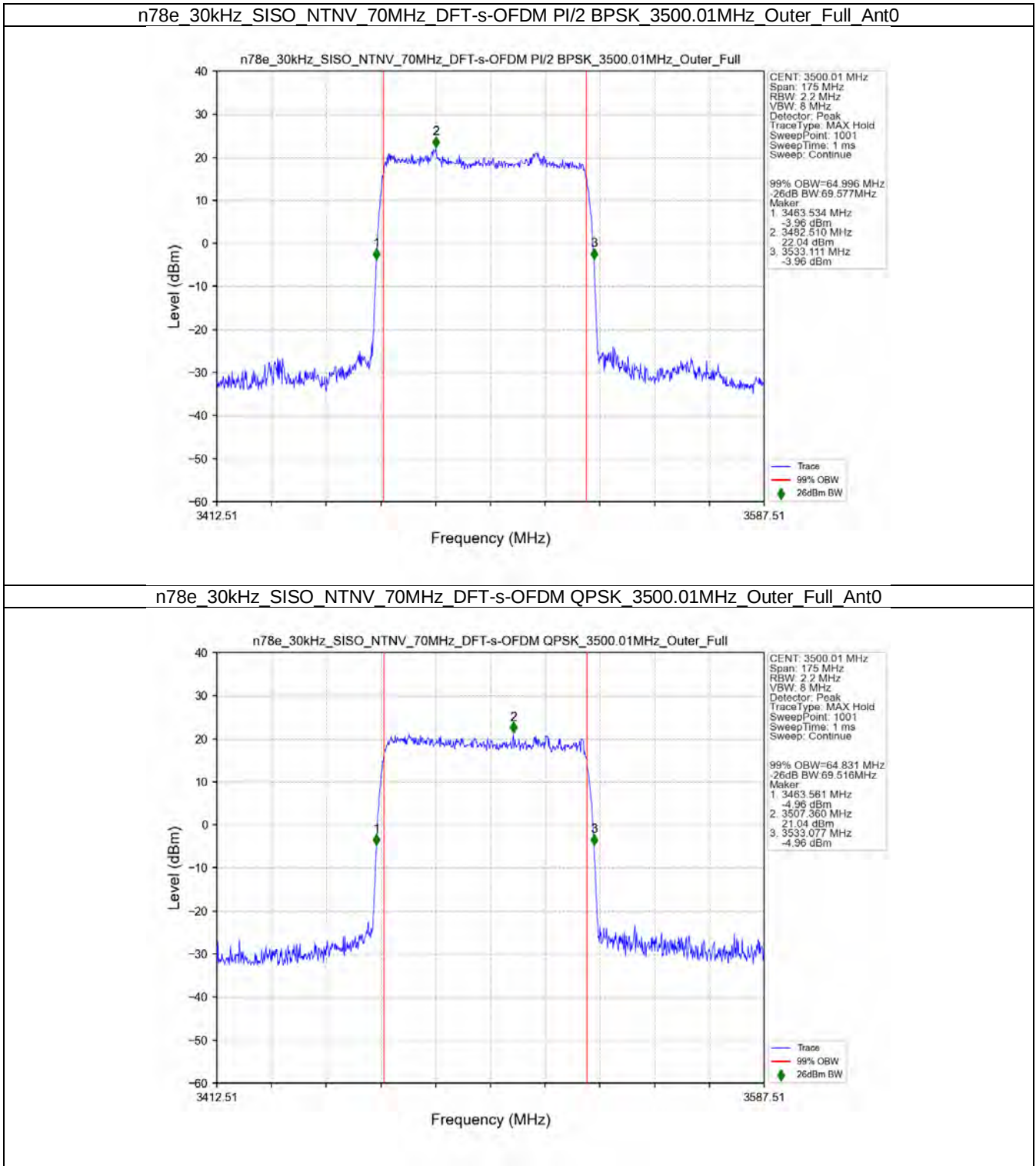
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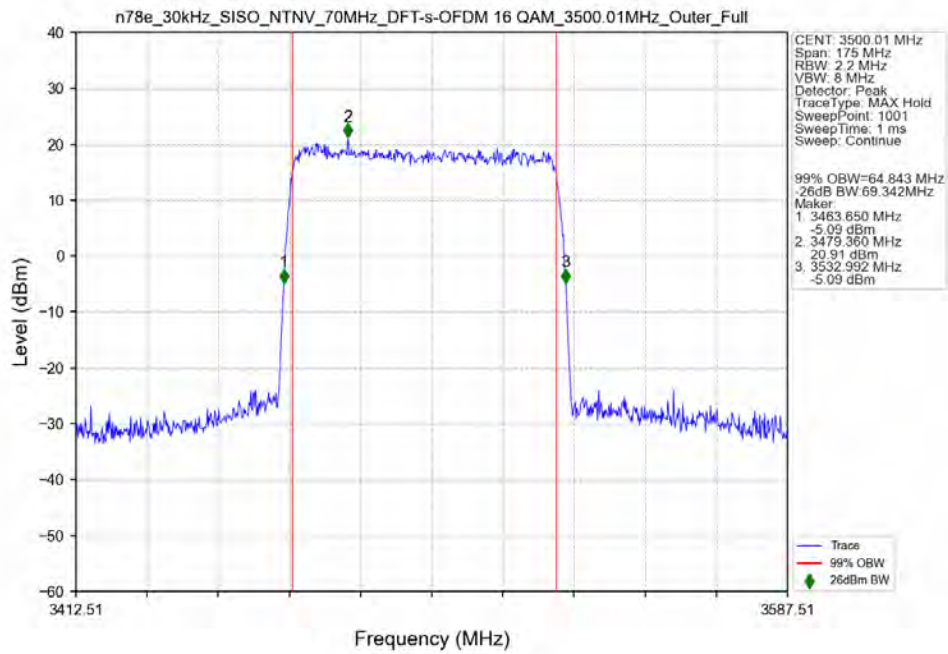
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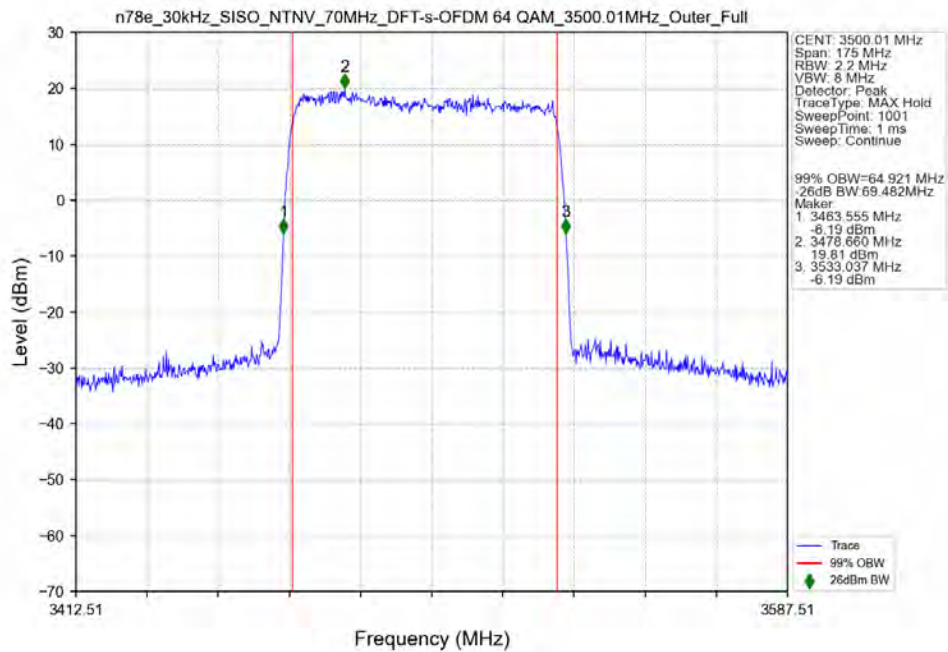
3.2.9 30k_SISO_70MHz_NTNV



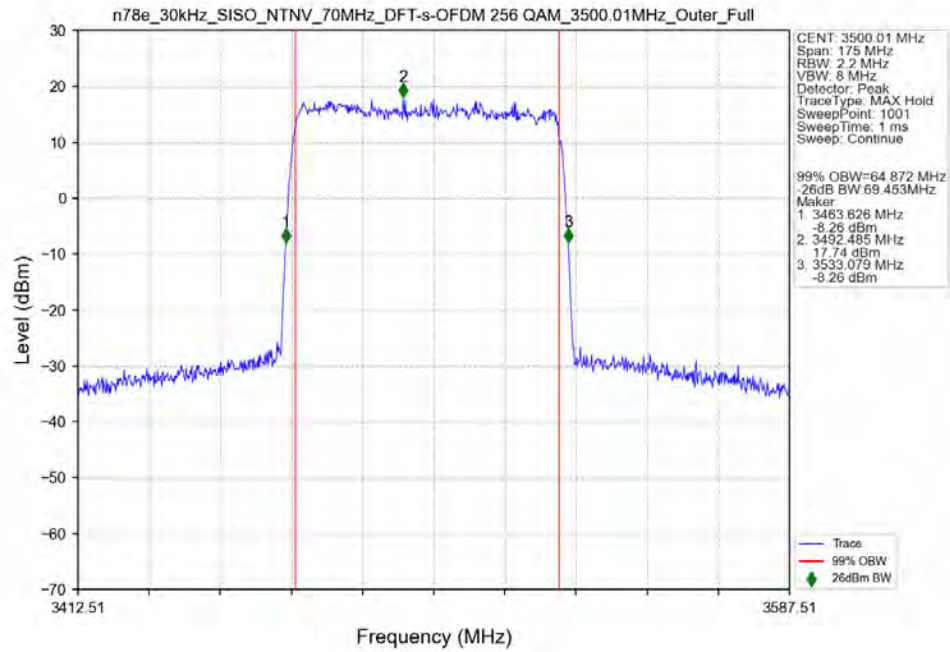
n78e 30kHz SISO NTN 70MHz DFT-s-OFDM 16 QAM 3500.01MHz Outer Full Ant0



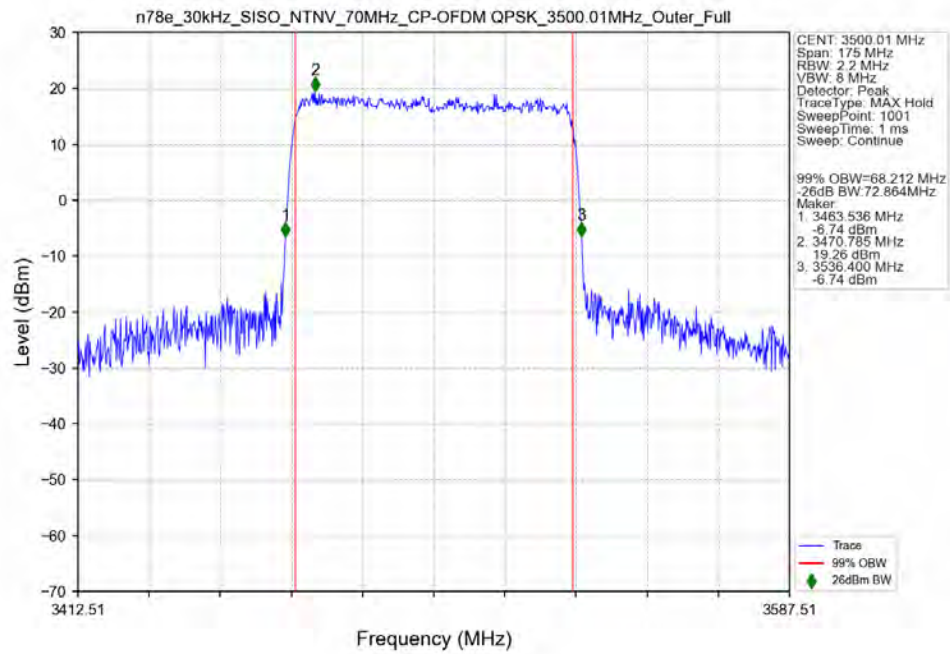
n78e 30kHz SISO NTN 70MHz DFT-s-OFDM 64 QAM 3500.01MHz Outer Full Ant0



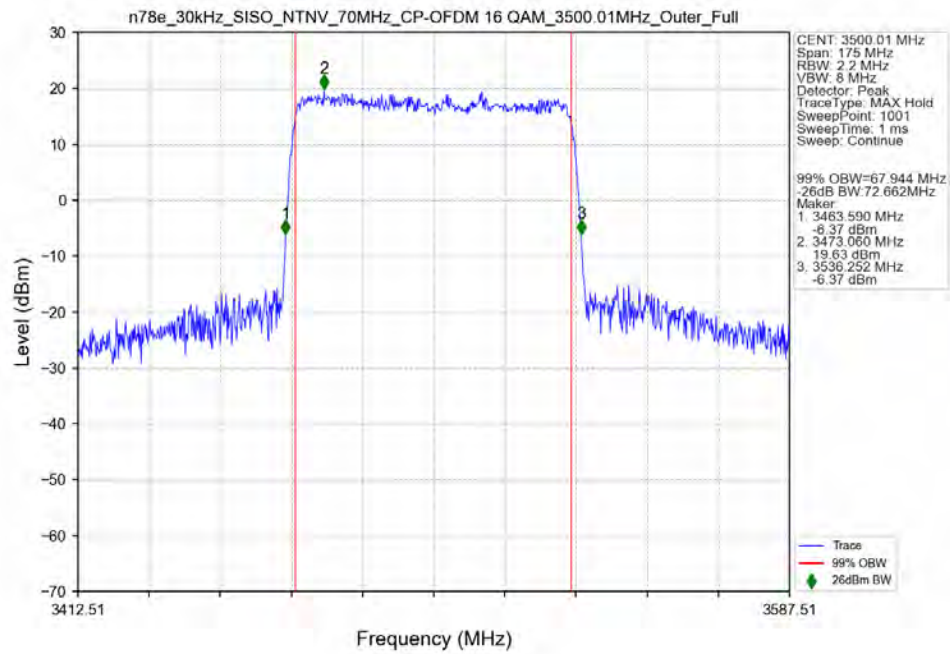
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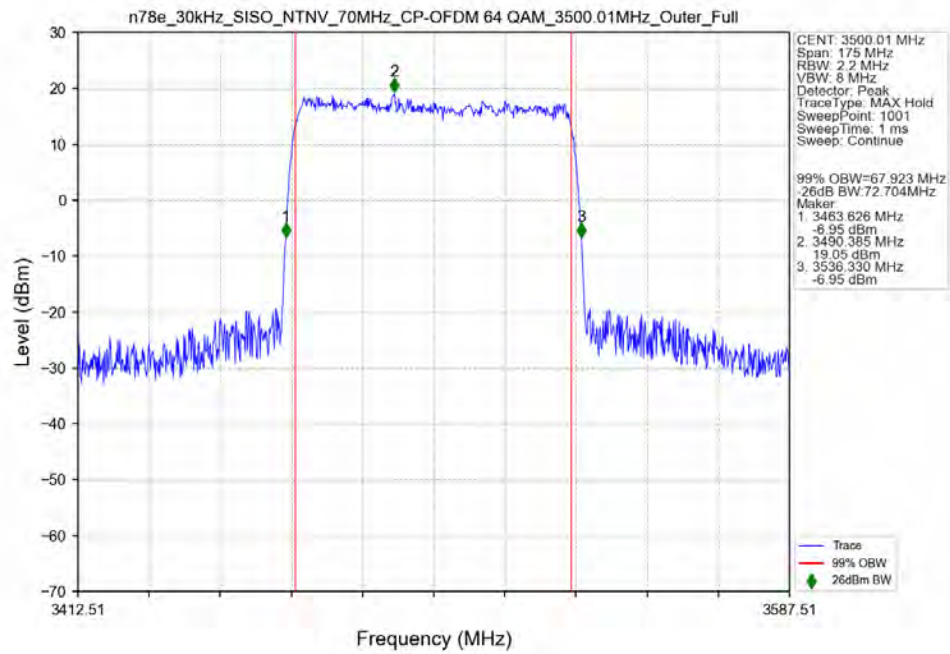
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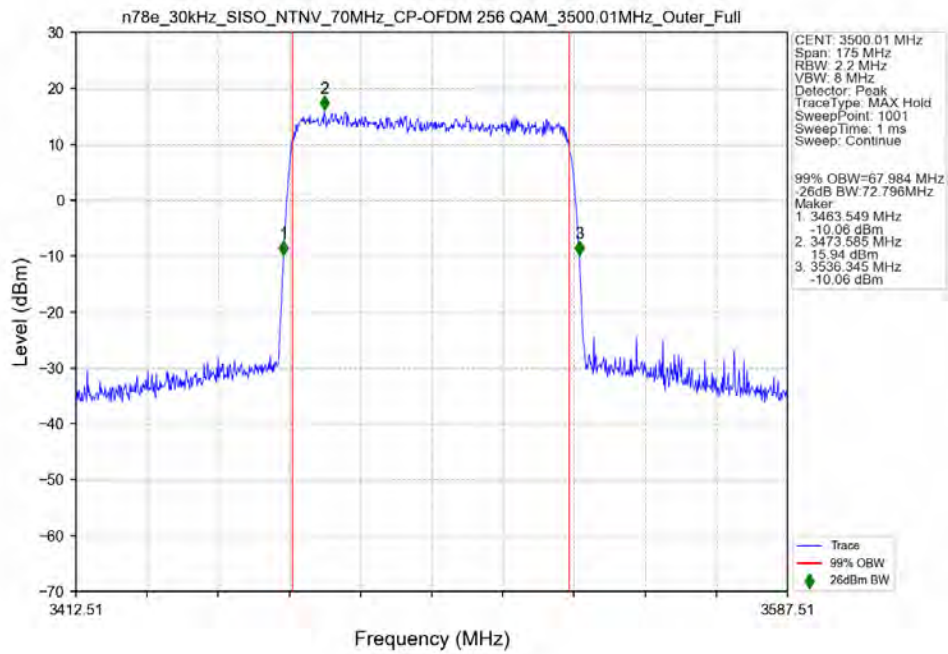
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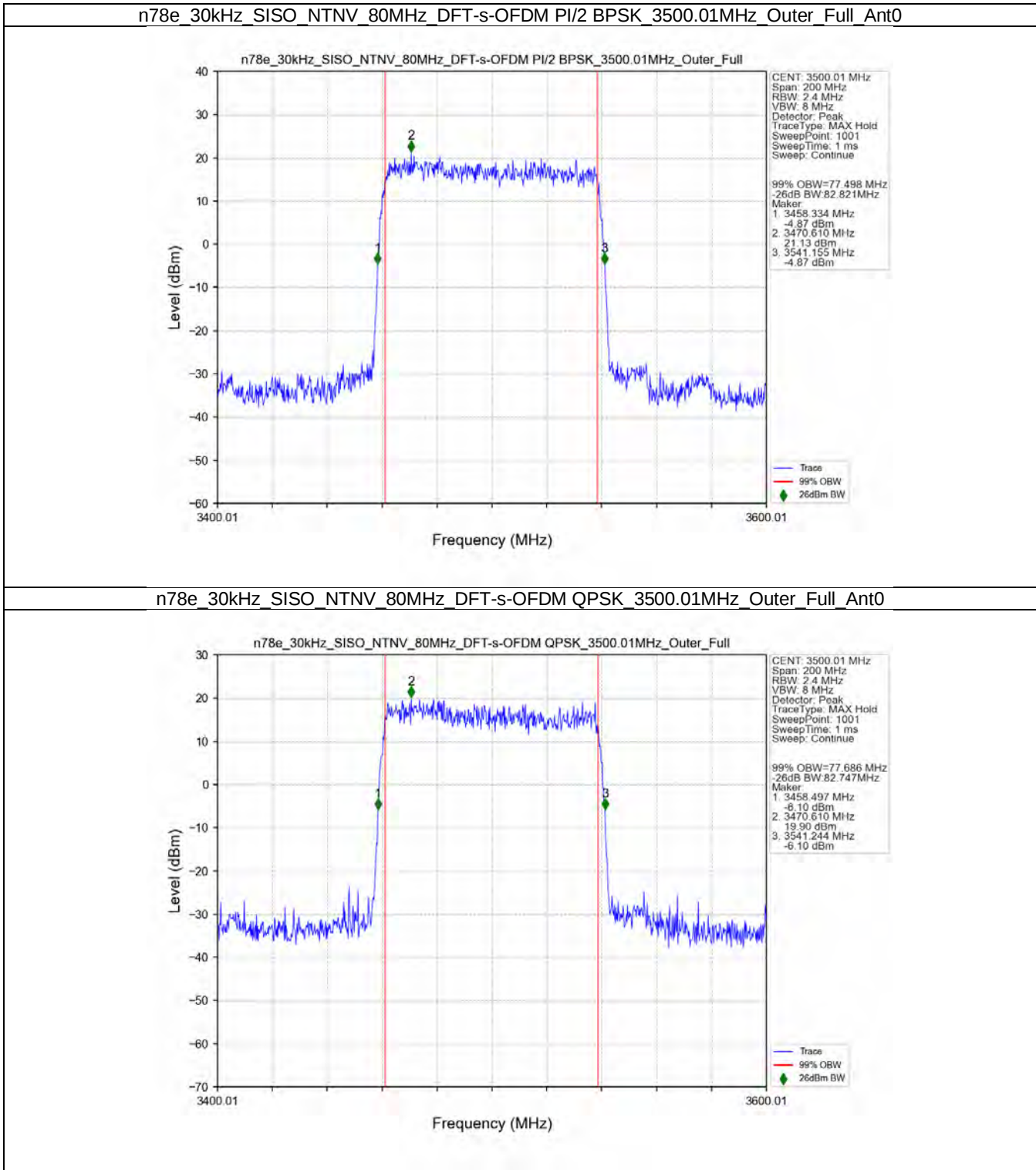
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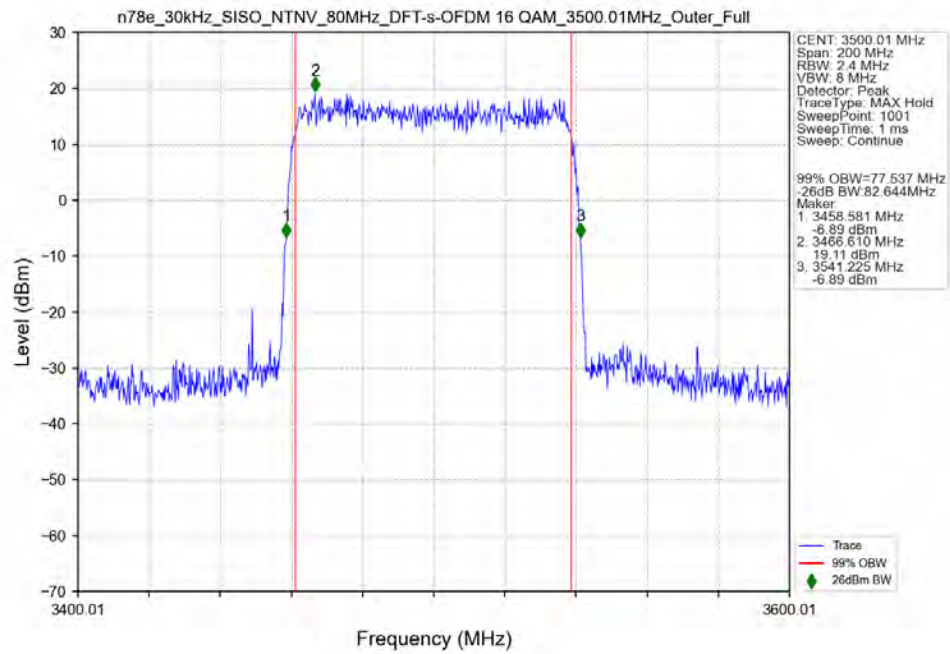
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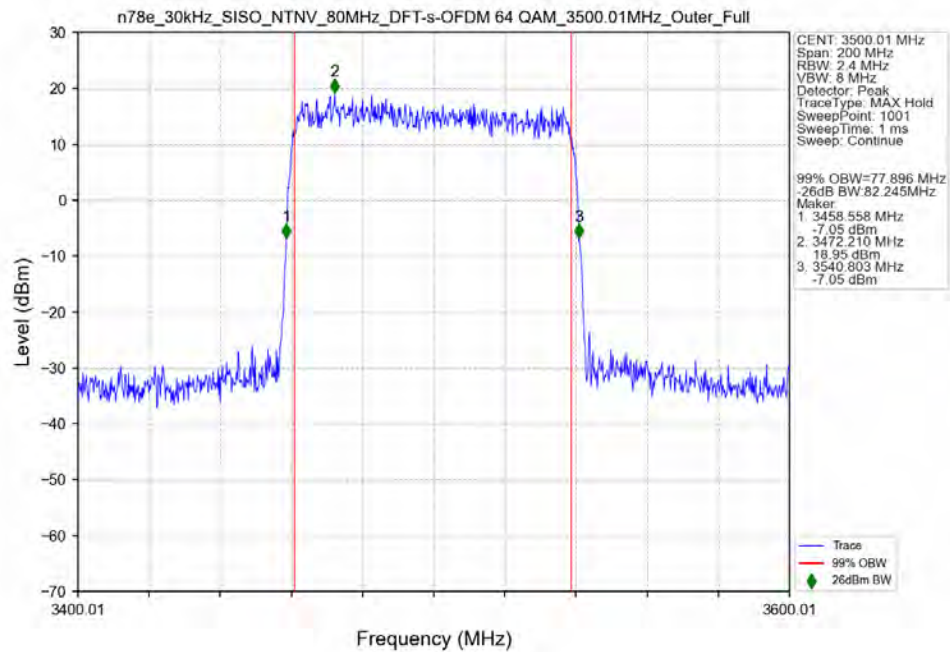
3.2.10 30k_SISO_80MHz_NTNV



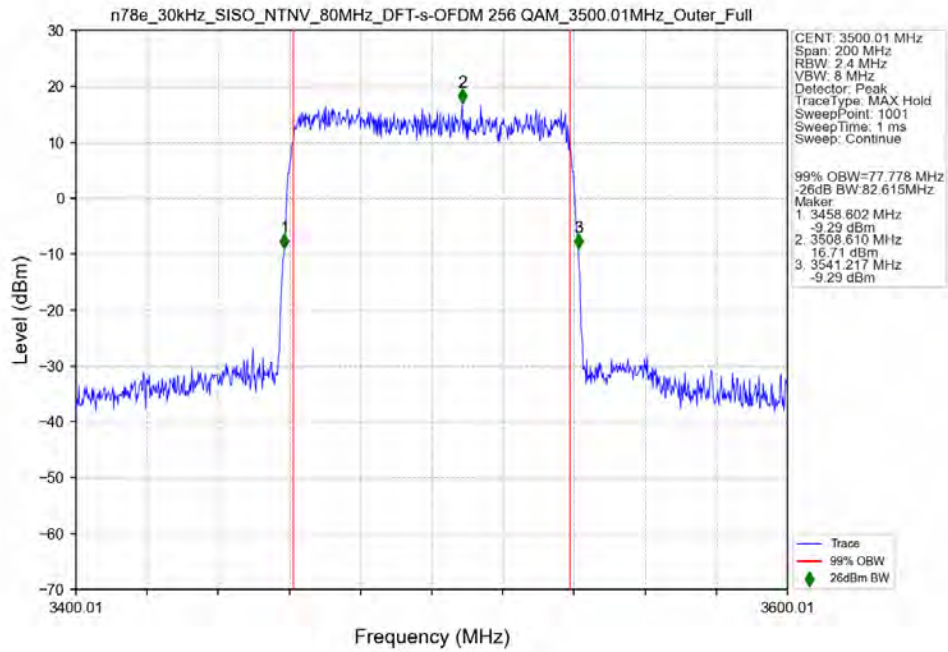
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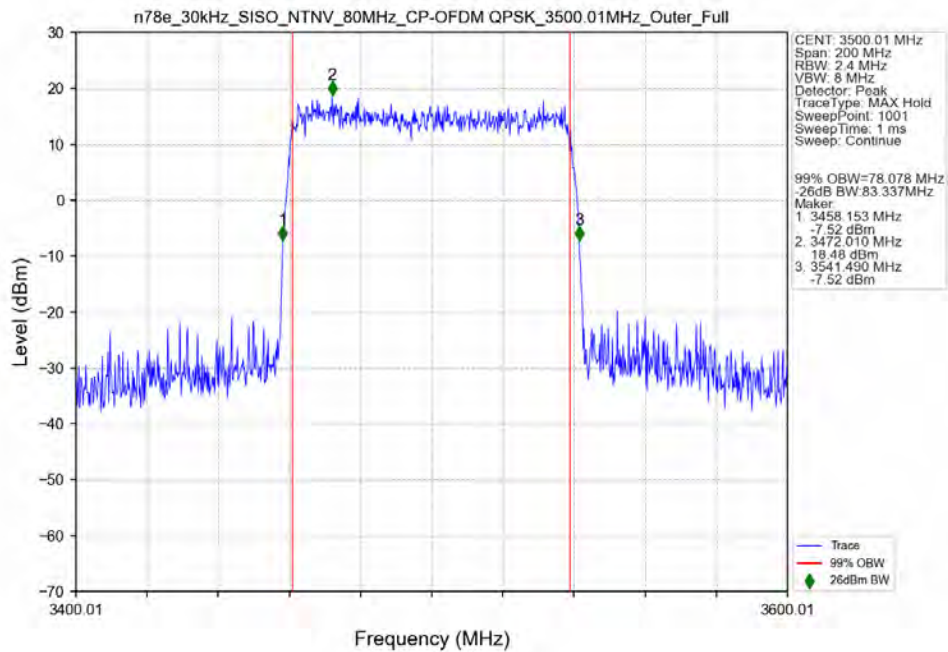
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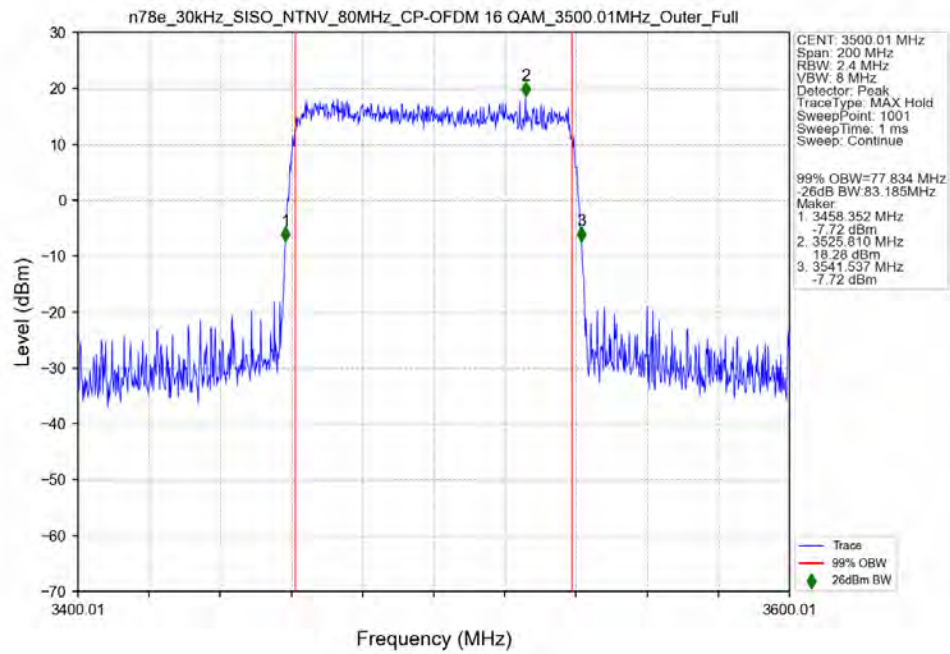
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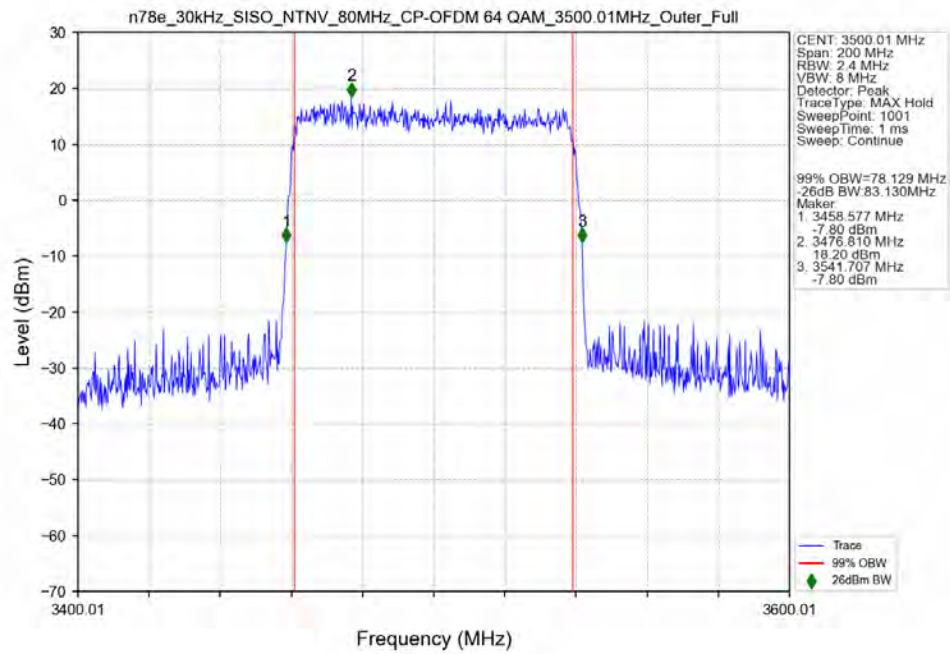
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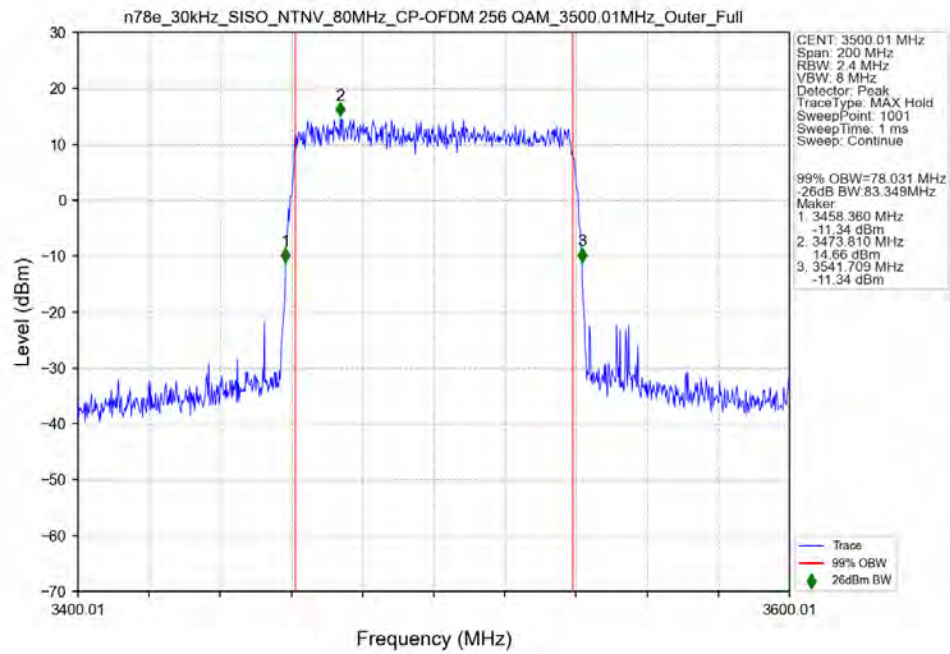
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n78e 30kHz SISO NTN 80MHz CP-OFDM 64 QAM 3500.01MHz Outer Full Ant0



n78e 30kHz SISO NTN 80MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant0



3.2.11 30k_SISO_90MHz_NTNV

