

		Edge_1RB_Right	18.36	/	/	18.44	/	/	<=30	Pass	
		Outer_Full	18.20	/	/	18.28	/	/	<=30	Pass	
		Inner_Full	18.26	/	/	18.34	/	/	<=30	Pass	
		Inner_1RB_Left	18.12	/	/	18.20	/	/	<=30	Pass	
		Inner_1RB_Right	18.32	/	/	18.40	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	18.36	/	/	18.44	/	/	<=30	Pass	
		Edge_1RB_Right	18.26	/	/	18.34	/	/	<=30	Pass	
		Outer_Full	18.27	/	/	18.35	/	/	<=30	Pass	
		Inner_Full	18.30	/	/	18.38	/	/	<=30	Pass	
		Inner_1RB_Left	18.30	/	/	18.38	/	/	<=30	Pass	
		Inner_1RB_Right	18.25	/	/	18.33	/	/	<=30	Pass	
	3525	Edge_1RB_Left	18.21	/	/	18.29	/	/	<=30	Pass	
		Edge_1RB_Right	18.44	/	/	18.52	/	/	<=30	Pass	
		Outer_Full	18.21	/	/	18.29	/	/	<=30	Pass	
		Inner_Full	18.13	/	/	18.21	/	/	<=30	Pass	
		Inner_1RB_Left	18.25	/	/	18.33	/	/	<=30	Pass	
		Inner_1RB_Right	18.40	/	/	18.48	/	/	<=30	Pass	
	Note1: Antenna Gain: Ant0: 0.08dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 30k_SISO_60MHz_NTNV_EIRP

5G NR n77d 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	21.16	/	/	21.24	/	/	<=30	Pass
		Edge 1RB Right	21.33	/	/	21.41	/	/	<=30	Pass
		Outer Full	24.20	/	/	24.28	/	/	<=30	Pass
		Inner Full	24.73	/	/	24.81	/	/	<=30	Pass
		Inner 1RB Left	24.66	/	/	24.74	/	/	<=30	Pass
		Inner 1RB Right	24.86	/	/	24.94	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.27	/	/	21.35	/	/	<=30	Pass
		Edge 1RB Right	21.11	/	/	21.19	/	/	<=30	Pass
		Outer Full	24.22	/	/	24.30	/	/	<=30	Pass
		Inner Full	24.80	/	/	24.88	/	/	<=30	Pass
		Inner 1RB Left	24.76	/	/	24.84	/	/	<=30	Pass
		Inner 1RB Right	24.64	/	/	24.72	/	/	<=30	Pass
	3519.99	Edge 1RB Left	21.16	/	/	21.24	/	/	<=30	Pass
		Edge 1RB Right	21.37	/	/	21.45	/	/	<=30	Pass
		Outer Full	24.23	/	/	24.31	/	/	<=30	Pass
		Inner Full	24.69	/	/	24.77	/	/	<=30	Pass
		Inner 1RB Left	24.69	/	/	24.77	/	/	<=30	Pass
		Inner 1RB Right	24.92	/	/	25.00	/	/	<=30	Pass
DFT-s-OFDM QPSK	3480	Edge 1RB Left	21.17	/	/	21.25	/	/	<=30	Pass
		Edge 1RB Right	21.32	/	/	21.40	/	/	<=30	Pass
		Outer Full	23.66	/	/	23.74	/	/	<=30	Pass
		Inner Full	24.69	/	/	24.77	/	/	<=30	Pass
		Inner 1RB Left	24.68	/	/	24.76	/	/	<=30	Pass
		Inner 1RB Right	24.79	/	/	24.87	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.24	/	/	21.32	/	/	<=30	Pass
		Edge 1RB Right	21.10	/	/	21.18	/	/	<=30	Pass
		Outer Full	23.69	/	/	23.77	/	/	<=30	Pass
		Inner Full	24.71	/	/	24.79	/	/	<=30	Pass
		Inner 1RB Left	24.66	/	/	24.74	/	/	<=30	Pass
		Inner 1RB Right	24.53	/	/	24.61	/	/	<=30	Pass
	3519.99	Edge 1RB Left	21.14	/	/	21.22	/	/	<=30	Pass
		Edge 1RB Right	21.32	/	/	21.40	/	/	<=30	Pass
		Outer Full	23.65	/	/	23.73	/	/	<=30	Pass

		Inner_Full	24.69	/	/	24.77	/	/	<=30	Pass
		Inner_1RB_Left	24.64	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Right	24.87	/	/	24.95	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3480	Edge_1RB_Left	20.91	/	/	20.99	/	/	<=30	Pass
		Edge_1RB_Right	21.14	/	/	21.22	/	/	<=30	Pass
		Outer_Full	22.67	/	/	22.75	/	/	<=30	Pass
		Inner_Full	23.64	/	/	23.72	/	/	<=30	Pass
		Inner_1RB_Left	23.44	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Right	23.55	/	/	23.63	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.07	/	/	21.15	/	/	<=30	Pass
		Edge_1RB_Right	20.90	/	/	20.98	/	/	<=30	Pass
		Outer_Full	22.67	/	/	22.75	/	/	<=30	Pass
		Inner_Full	23.69	/	/	23.77	/	/	<=30	Pass
		Inner_1RB_Left	23.54	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Right	23.37	/	/	23.45	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	20.91	/	/	20.99	/	/	<=30	Pass
		Edge_1RB_Right	21.18	/	/	21.26	/	/	<=30	Pass
		Outer_Full	22.64	/	/	22.72	/	/	<=30	Pass
		Inner_Full	23.65	/	/	23.73	/	/	<=30	Pass
		Inner_1RB_Left	23.35	/	/	23.43	/	/	<=30	Pass
		Inner_1RB_Right	23.61	/	/	23.69	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3480	Edge_1RB_Left	21.31	/	/	21.39	/	/	<=30	Pass
		Edge_1RB_Right	21.51	/	/	21.59	/	/	<=30	Pass
		Outer_Full	22.21	/	/	22.29	/	/	<=30	Pass
		Inner_Full	22.22	/	/	22.30	/	/	<=30	Pass
		Inner_1RB_Left	22.26	/	/	22.34	/	/	<=30	Pass
		Inner_1RB_Right	22.42	/	/	22.50	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.44	/	/	21.52	/	/	<=30	Pass
		Edge_1RB_Right	21.30	/	/	21.38	/	/	<=30	Pass
		Outer_Full	22.19	/	/	22.27	/	/	<=30	Pass
		Inner_Full	22.26	/	/	22.34	/	/	<=30	Pass
		Inner_1RB_Left	22.44	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Right	22.27	/	/	22.35	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	21.29	/	/	21.37	/	/	<=30	Pass
		Edge_1RB_Right	21.51	/	/	21.59	/	/	<=30	Pass
		Outer_Full	22.15	/	/	22.23	/	/	<=30	Pass
		Inner_Full	22.22	/	/	22.30	/	/	<=30	Pass
		Inner_1RB_Left	22.33	/	/	22.41	/	/	<=30	Pass
		Inner_1RB_Right	22.52	/	/	22.60	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3480	Edge_1RB_Left	20.19	/	/	20.27	/	/	<=30	Pass
		Edge_1RB_Right	20.33	/	/	20.41	/	/	<=30	Pass
		Outer_Full	20.26	/	/	20.34	/	/	<=30	Pass
		Inner_Full	20.23	/	/	20.31	/	/	<=30	Pass
		Inner_1RB_Left	20.19	/	/	20.27	/	/	<=30	Pass
		Inner_1RB_Right	20.37	/	/	20.45	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.27	/	/	20.35	/	/	<=30	Pass
		Edge_1RB_Right	20.10	/	/	20.18	/	/	<=30	Pass
		Outer_Full	20.27	/	/	20.35	/	/	<=30	Pass
		Inner_Full	20.29	/	/	20.37	/	/	<=30	Pass
		Inner_1RB_Left	20.29	/	/	20.37	/	/	<=30	Pass
		Inner_1RB_Right	20.15	/	/	20.23	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	20.13	/	/	20.21	/	/	<=30	Pass
		Edge_1RB_Right	20.37	/	/	20.45	/	/	<=30	Pass
		Outer_Full	20.22	/	/	20.30	/	/	<=30	Pass
		Inner_Full	20.23	/	/	20.31	/	/	<=30	Pass
		Inner_1RB_Left	20.17	/	/	20.25	/	/	<=30	Pass
		Inner_1RB_Right	20.33	/	/	20.41	/	/	<=30	Pass
CP-OFDM QPSK	3480	Edge_1RB_Left	21.10	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	21.25	/	/	21.33	/	/	<=30	Pass

		Outer_Full	21.70	/	/	21.78	/	/	<=30	Pass
		Inner_Full	23.12	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Left	22.97	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Right	23.12	/	/	23.20	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.13	/	/	21.21	/	/	<=30	Pass
		Edge_1RB_Right	21.00	/	/	21.08	/	/	<=30	Pass
		Outer_Full	21.67	/	/	21.75	/	/	<=30	Pass
		Inner_Full	23.17	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Left	23.15	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Right	23.04	/	/	23.12	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	21.07	/	/	21.15	/	/	<=30	Pass
		Edge_1RB_Right	21.24	/	/	21.32	/	/	<=30	Pass
		Outer_Full	21.63	/	/	21.71	/	/	<=30	Pass
		Inner_Full	23.13	/	/	23.21	/	/	<=30	Pass
		Inner_1RB_Left	22.99	/	/	23.07	/	/	<=30	Pass
		Inner_1RB_Right	23.19	/	/	23.27	/	/	<=30	Pass
CP-OFDM 16 QAM	3480	Edge_1RB_Left	20.97	/	/	21.05	/	/	<=30	Pass
		Edge_1RB_Right	21.14	/	/	21.22	/	/	<=30	Pass
		Outer_Full	21.67	/	/	21.75	/	/	<=30	Pass
		Inner_Full	22.63	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Left	22.44	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Right	22.62	/	/	22.70	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.93	/	/	21.01	/	/	<=30	Pass
		Edge_1RB_Right	20.94	/	/	21.02	/	/	<=30	Pass
		Outer_Full	21.62	/	/	21.70	/	/	<=30	Pass
		Inner_Full	22.64	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Left	22.53	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Right	22.33	/	/	22.41	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	20.87	/	/	20.95	/	/	<=30	Pass
		Edge_1RB_Right	21.03	/	/	21.11	/	/	<=30	Pass
		Outer_Full	21.64	/	/	21.72	/	/	<=30	Pass
		Inner_Full	22.64	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Left	22.37	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Right	22.59	/	/	22.67	/	/	<=30	Pass
CP-OFDM 64 QAM	3480	Edge_1RB_Left	21.36	/	/	21.44	/	/	<=30	Pass
		Edge_1RB_Right	21.51	/	/	21.59	/	/	<=30	Pass
		Outer_Full	21.19	/	/	21.27	/	/	<=30	Pass
		Inner_Full	21.19	/	/	21.27	/	/	<=30	Pass
		Inner_1RB_Left	21.36	/	/	21.44	/	/	<=30	Pass
		Inner_1RB_Right	21.52	/	/	21.60	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.45	/	/	21.53	/	/	<=30	Pass
		Edge_1RB_Right	21.30	/	/	21.38	/	/	<=30	Pass
		Outer_Full	21.15	/	/	21.23	/	/	<=30	Pass
		Inner_Full	21.21	/	/	21.29	/	/	<=30	Pass
		Inner_1RB_Left	21.45	/	/	21.53	/	/	<=30	Pass
		Inner_1RB_Right	21.33	/	/	21.41	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	21.30	/	/	21.38	/	/	<=30	Pass
		Edge_1RB_Right	21.53	/	/	21.61	/	/	<=30	Pass
		Outer_Full	21.15	/	/	21.23	/	/	<=30	Pass
		Inner_Full	21.18	/	/	21.26	/	/	<=30	Pass
		Inner_1RB_Left	21.33	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Right	21.50	/	/	21.58	/	/	<=30	Pass
CP-OFDM 256 QAM	3480	Edge_1RB_Left	18.22	/	/	18.30	/	/	<=30	Pass
		Edge_1RB_Right	18.43	/	/	18.51	/	/	<=30	Pass
		Outer_Full	18.24	/	/	18.32	/	/	<=30	Pass
		Inner_Full	18.24	/	/	18.32	/	/	<=30	Pass
		Inner_1RB_Left	18.30	/	/	18.38	/	/	<=30	Pass
		Inner_1RB_Right	18.42	/	/	18.50	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.35	/	/	18.43	/	/	<=30	Pass

		Edge_1RB_Right	18.24	/	/	18.32	/	/	<=30	Pass
		Outer_Full	18.23	/	/	18.31	/	/	<=30	Pass
		Inner_Full	18.25	/	/	18.33	/	/	<=30	Pass
		Inner_1RB_Left	18.37	/	/	18.45	/	/	<=30	Pass
		Inner_1RB_Right	18.19	/	/	18.27	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	18.23	/	/	18.31	/	/	<=30	Pass
		Edge_1RB_Right	18.43	/	/	18.51	/	/	<=30	Pass
		Outer_Full	18.21	/	/	18.29	/	/	<=30	Pass
		Inner_Full	18.23	/	/	18.31	/	/	<=30	Pass
		Inner_1RB_Left	18.23	/	/	18.31	/	/	<=30	Pass
		Inner_1RB_Right	18.39	/	/	18.47	/	/	<=30	Pass
	Note1: Antenna Gain: Ant0: 0.08dBi; Note2: EIRP=Conducted Power+Antenna Gain									

1.1.9 30k_SISO_70MHz_NTNV_EIRP

5G NR n77d 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	21.21	/	/	21.29	/	/	<=30	Pass
		Edge 1RB Right	21.33	/	/	21.41	/	/	<=30	Pass
		Outer Full	24.09	/	/	24.17	/	/	<=30	Pass
		Inner Full	24.59	/	/	24.67	/	/	<=30	Pass
		Inner 1RB Left	24.53	/	/	24.61	/	/	<=30	Pass
		Inner 1RB Right	24.77	/	/	24.85	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.35	/	/	21.43	/	/	<=30	Pass
		Edge 1RB Right	21.17	/	/	21.25	/	/	<=30	Pass
		Outer Full	24.24	/	/	24.32	/	/	<=30	Pass
		Inner Full	24.72	/	/	24.80	/	/	<=30	Pass
		Inner 1RB Left	24.68	/	/	24.76	/	/	<=30	Pass
		Inner 1RB Right	24.58	/	/	24.66	/	/	<=30	Pass
	3514.98	Edge 1RB Left	21.31	/	/	21.39	/	/	<=30	Pass
		Edge 1RB Right	21.24	/	/	21.32	/	/	<=30	Pass
		Outer Full	24.25	/	/	24.33	/	/	<=30	Pass
		Inner Full	24.78	/	/	24.86	/	/	<=30	Pass
		Inner 1RB Left	24.75	/	/	24.83	/	/	<=30	Pass
		Inner 1RB Right	24.69	/	/	24.77	/	/	<=30	Pass
DFT-s-OFDM QPSK	3485.01	Edge 1RB Left	21.15	/	/	21.23	/	/	<=30	Pass
		Edge 1RB Right	21.32	/	/	21.40	/	/	<=30	Pass
		Outer Full	23.68	/	/	23.76	/	/	<=30	Pass
		Inner Full	24.64	/	/	24.72	/	/	<=30	Pass
		Inner 1RB Left	24.53	/	/	24.61	/	/	<=30	Pass
		Inner 1RB Right	24.73	/	/	24.81	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.31	/	/	21.39	/	/	<=30	Pass
		Edge 1RB Right	21.10	/	/	21.18	/	/	<=30	Pass
		Outer Full	23.73	/	/	23.81	/	/	<=30	Pass
		Inner Full	24.71	/	/	24.79	/	/	<=30	Pass
		Inner 1RB Left	24.70	/	/	24.78	/	/	<=30	Pass
		Inner 1RB Right	24.47	/	/	24.55	/	/	<=30	Pass
	3514.98	Edge 1RB Left	21.30	/	/	21.38	/	/	<=30	Pass
		Edge 1RB Right	21.22	/	/	21.30	/	/	<=30	Pass
		Outer Full	23.77	/	/	23.85	/	/	<=30	Pass
		Inner Full	24.74	/	/	24.82	/	/	<=30	Pass
		Inner 1RB Left	24.77	/	/	24.85	/	/	<=30	Pass
		Inner 1RB Right	24.73	/	/	24.81	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3485.01	Edge 1RB Left	21.03	/	/	21.11	/	/	<=30	Pass
		Edge 1RB Right	21.13	/	/	21.21	/	/	<=30	Pass
		Outer Full	22.71	/	/	22.79	/	/	<=30	Pass

		Inner_Full	23.64	/	/	23.72	/	/	<=30	Pass
		Inner_1RB_Left	23.41	/	/	23.49	/	/	<=30	Pass
		Inner_1RB_Right	23.54	/	/	23.62	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.16	/	/	21.24	/	/	<=30	Pass
		Edge_1RB_Right	20.98	/	/	21.06	/	/	<=30	Pass
		Outer_Full	22.75	/	/	22.83	/	/	<=30	Pass
		Inner_Full	23.77	/	/	23.85	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	23.67	/	/	<=30	Pass
		Inner_1RB_Right	23.40	/	/	23.48	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.15	/	/	21.23	/	/	<=30	Pass
		Edge_1RB_Right	21.00	/	/	21.08	/	/	<=30	Pass
		Outer_Full	22.80	/	/	22.88	/	/	<=30	Pass
		Inner_Full	23.85	/	/	23.93	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	23.67	/	/	<=30	Pass
		Inner_1RB_Right	23.51	/	/	23.59	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3485.01	Edge_1RB_Left	21.28	/	/	21.36	/	/	<=30	Pass
		Edge_1RB_Right	21.47	/	/	21.55	/	/	<=30	Pass
		Outer_Full	22.21	/	/	22.29	/	/	<=30	Pass
		Inner_Full	22.18	/	/	22.26	/	/	<=30	Pass
		Inner_1RB_Left	22.29	/	/	22.37	/	/	<=30	Pass
		Inner_1RB_Right	22.41	/	/	22.49	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.49	/	/	21.57	/	/	<=30	Pass
		Edge_1RB_Right	21.34	/	/	21.42	/	/	<=30	Pass
		Outer_Full	22.27	/	/	22.35	/	/	<=30	Pass
		Inner_Full	22.31	/	/	22.39	/	/	<=30	Pass
		Inner_1RB_Left	22.42	/	/	22.50	/	/	<=30	Pass
		Inner_1RB_Right	22.25	/	/	22.33	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.42	/	/	21.50	/	/	<=30	Pass
		Edge_1RB_Right	21.38	/	/	21.46	/	/	<=30	Pass
		Outer_Full	22.31	/	/	22.39	/	/	<=30	Pass
		Inner_Full	22.35	/	/	22.43	/	/	<=30	Pass
		Inner_1RB_Left	22.37	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Right	22.43	/	/	22.51	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3485.01	Edge_1RB_Left	20.19	/	/	20.27	/	/	<=30	Pass
		Edge_1RB_Right	20.32	/	/	20.40	/	/	<=30	Pass
		Outer_Full	20.27	/	/	20.35	/	/	<=30	Pass
		Inner_Full	20.24	/	/	20.32	/	/	<=30	Pass
		Inner_1RB_Left	20.16	/	/	20.24	/	/	<=30	Pass
		Inner_1RB_Right	20.35	/	/	20.43	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.31	/	/	20.39	/	/	<=30	Pass
		Edge_1RB_Right	20.14	/	/	20.22	/	/	<=30	Pass
		Outer_Full	20.34	/	/	20.42	/	/	<=30	Pass
		Inner_Full	20.35	/	/	20.43	/	/	<=30	Pass
		Inner_1RB_Left	20.35	/	/	20.43	/	/	<=30	Pass
		Inner_1RB_Right	20.14	/	/	20.22	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	20.35	/	/	20.43	/	/	<=30	Pass
		Edge_1RB_Right	20.25	/	/	20.33	/	/	<=30	Pass
		Outer_Full	20.38	/	/	20.46	/	/	<=30	Pass
		Inner_Full	20.43	/	/	20.51	/	/	<=30	Pass
		Inner_1RB_Left	20.37	/	/	20.45	/	/	<=30	Pass
		Inner_1RB_Right	20.27	/	/	20.35	/	/	<=30	Pass
CP-OFDM QPSK	3485.01	Edge_1RB_Left	21.02	/	/	21.10	/	/	<=30	Pass
		Edge_1RB_Right	21.22	/	/	21.30	/	/	<=30	Pass
		Outer_Full	21.72	/	/	21.80	/	/	<=30	Pass
		Inner_Full	23.12	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Left	22.96	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Right	23.15	/	/	23.23	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.22	/	/	21.30	/	/	<=30	Pass
		Edge_1RB_Right	21.14	/	/	21.22	/	/	<=30	Pass

		Outer_Full	21.79	/	/	21.87	/	/	<=30	Pass
		Inner_Full	23.23	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Left	23.29	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Right	23.14	/	/	23.22	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.27	/	/	21.35	/	/	<=30	Pass
		Edge_1RB_Right	21.15	/	/	21.23	/	/	<=30	Pass
		Outer_Full	21.84	/	/	21.92	/	/	<=30	Pass
		Inner_Full	23.30	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Left	23.24	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Right	23.07	/	/	23.15	/	/	<=30	Pass
CP-OFDM 16 QAM	3485.01	Edge_1RB_Left	20.93	/	/	21.01	/	/	<=30	Pass
		Edge_1RB_Right	21.12	/	/	21.20	/	/	<=30	Pass
		Outer_Full	21.67	/	/	21.75	/	/	<=30	Pass
		Inner_Full	22.65	/	/	22.73	/	/	<=30	Pass
		Inner_1RB_Left	22.43	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Right	22.63	/	/	22.71	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.00	/	/	21.08	/	/	<=30	Pass
		Edge_1RB_Right	20.91	/	/	20.99	/	/	<=30	Pass
		Outer_Full	21.74	/	/	21.82	/	/	<=30	Pass
		Inner_Full	22.76	/	/	22.84	/	/	<=30	Pass
		Inner_1RB_Left	22.59	/	/	22.67	/	/	<=30	Pass
		Inner_1RB_Right	22.49	/	/	22.57	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.11	/	/	21.19	/	/	<=30	Pass
		Edge_1RB_Right	21.00	/	/	21.08	/	/	<=30	Pass
		Outer_Full	21.83	/	/	21.91	/	/	<=30	Pass
		Inner_Full	22.82	/	/	22.90	/	/	<=30	Pass
		Inner_1RB_Left	22.55	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Right	22.53	/	/	22.61	/	/	<=30	Pass
CP-OFDM 64 QAM	3485.01	Edge_1RB_Left	21.32	/	/	21.40	/	/	<=30	Pass
		Edge_1RB_Right	21.51	/	/	21.59	/	/	<=30	Pass
		Outer_Full	21.19	/	/	21.27	/	/	<=30	Pass
		Inner_Full	21.21	/	/	21.29	/	/	<=30	Pass
		Inner_1RB_Left	21.32	/	/	21.40	/	/	<=30	Pass
		Inner_1RB_Right	21.55	/	/	21.63	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.52	/	/	21.60	/	/	<=30	Pass
		Edge_1RB_Right	21.38	/	/	21.46	/	/	<=30	Pass
		Outer_Full	21.25	/	/	21.33	/	/	<=30	Pass
		Inner_Full	21.30	/	/	21.38	/	/	<=30	Pass
		Inner_1RB_Left	21.57	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Right	21.39	/	/	21.47	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.46	/	/	21.54	/	/	<=30	Pass
		Edge_1RB_Right	21.48	/	/	21.56	/	/	<=30	Pass
		Outer_Full	21.32	/	/	21.40	/	/	<=30	Pass
		Inner_Full	21.36	/	/	21.44	/	/	<=30	Pass
		Inner_1RB_Left	21.55	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Right	21.49	/	/	21.57	/	/	<=30	Pass
CP-OFDM 256 QAM	3485.01	Edge_1RB_Left	18.32	/	/	18.40	/	/	<=30	Pass
		Edge_1RB_Right	18.44	/	/	18.52	/	/	<=30	Pass
		Outer_Full	18.31	/	/	18.39	/	/	<=30	Pass
		Inner_Full	18.24	/	/	18.32	/	/	<=30	Pass
		Inner_1RB_Left	18.29	/	/	18.37	/	/	<=30	Pass
		Inner_1RB_Right	18.47	/	/	18.55	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.43	/	/	18.51	/	/	<=30	Pass
		Edge_1RB_Right	18.23	/	/	18.31	/	/	<=30	Pass
		Outer_Full	18.27	/	/	18.35	/	/	<=30	Pass
		Inner_Full	18.33	/	/	18.41	/	/	<=30	Pass
		Inner_1RB_Left	18.46	/	/	18.54	/	/	<=30	Pass
		Inner_1RB_Right	18.26	/	/	18.34	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	18.42	/	/	18.50	/	/	<=30	Pass

		Edge 1RB Right	18.34	/	/	18.42	/	/	<=30	Pass
		Outer Full	18.37	/	/	18.45	/	/	<=30	Pass
		Inner Full	18.39	/	/	18.47	/	/	<=30	Pass
		Inner 1RB Left	18.42	/	/	18.50	/	/	<=30	Pass
		Inner 1RB Right	18.38	/	/	18.46	/	/	<=30	Pass
Note1: Antenna Gain: Ant0: 0.08dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.10 30k_SISO_80MHz_NTNV_EIRP

5G NR n77d 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	21.31	/	/	21.39	/	/	<=30	Pass
		Edge 1RB Right	21.21	/	/	21.29	/	/	<=30	Pass
		Outer Full	24.29	/	/	24.37	/	/	<=30	Pass
		Inner Full	24.74	/	/	24.82	/	/	<=30	Pass
		Inner 1RB Left	24.74	/	/	24.82	/	/	<=30	Pass
		Inner 1RB Right	24.66	/	/	24.74	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.36	/	/	21.44	/	/	<=30	Pass
		Edge 1RB Right	21.19	/	/	21.27	/	/	<=30	Pass
		Outer Full	24.24	/	/	24.32	/	/	<=30	Pass
		Inner Full	24.70	/	/	24.78	/	/	<=30	Pass
		Inner 1RB Left	24.81	/	/	24.89	/	/	<=30	Pass
		Inner 1RB Right	24.58	/	/	24.66	/	/	<=30	Pass
	3510	Edge 1RB Left	21.40	/	/	21.48	/	/	<=30	Pass
		Edge 1RB Right	21.38	/	/	21.46	/	/	<=30	Pass
		Outer Full	24.24	/	/	24.32	/	/	<=30	Pass
		Inner Full	24.69	/	/	24.77	/	/	<=30	Pass
		Inner 1RB Left	24.85	/	/	24.93	/	/	<=30	Pass
		Inner 1RB Right	24.85	/	/	24.93	/	/	<=30	Pass
DFT-s-OFDM QPSK	3490.02	Edge 1RB Left	21.30	/	/	21.38	/	/	<=30	Pass
		Edge 1RB Right	21.16	/	/	21.24	/	/	<=30	Pass
		Outer Full	23.75	/	/	23.83	/	/	<=30	Pass
		Inner Full	24.72	/	/	24.80	/	/	<=30	Pass
		Inner 1RB Left	24.67	/	/	24.75	/	/	<=30	Pass
		Inner 1RB Right	24.59	/	/	24.67	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.36	/	/	21.44	/	/	<=30	Pass
		Edge 1RB Right	21.20	/	/	21.28	/	/	<=30	Pass
		Outer Full	23.75	/	/	23.83	/	/	<=30	Pass
		Inner Full	24.67	/	/	24.75	/	/	<=30	Pass
		Inner 1RB Left	24.73	/	/	24.81	/	/	<=30	Pass
		Inner 1RB Right	24.58	/	/	24.66	/	/	<=30	Pass
	3510	Edge 1RB Left	21.35	/	/	21.43	/	/	<=30	Pass
		Edge 1RB Right	21.36	/	/	21.44	/	/	<=30	Pass
		Outer Full	23.72	/	/	23.80	/	/	<=30	Pass
		Inner Full	24.69	/	/	24.77	/	/	<=30	Pass
		Inner 1RB Left	24.75	/	/	24.83	/	/	<=30	Pass
		Inner 1RB Right	24.81	/	/	24.89	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3490.02	Edge 1RB Left	21.07	/	/	21.15	/	/	<=30	Pass
		Edge 1RB Right	21.01	/	/	21.09	/	/	<=30	Pass
		Outer Full	22.77	/	/	22.85	/	/	<=30	Pass
		Inner Full	23.79	/	/	23.87	/	/	<=30	Pass
		Inner 1RB Left	23.42	/	/	23.50	/	/	<=30	Pass
		Inner 1RB Right	23.34	/	/	23.42	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.14	/	/	21.22	/	/	<=30	Pass
		Edge 1RB Right	21.04	/	/	21.12	/	/	<=30	Pass
		Outer Full	22.73	/	/	22.81	/	/	<=30	Pass

		Inner_Full	23.79	/	/	23.87	/	/	<=30	Pass
		Inner_1RB_Left	23.62	/	/	23.70	/	/	<=30	Pass
		Inner_1RB_Right	23.50	/	/	23.58	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.16	/	/	21.24	/	/	<=30	Pass
		Edge_1RB_Right	21.18	/	/	21.26	/	/	<=30	Pass
		Outer_Full	22.70	/	/	22.78	/	/	<=30	Pass
		Inner_Full	23.79	/	/	23.87	/	/	<=30	Pass
		Inner_1RB_Left	23.51	/	/	23.59	/	/	<=30	Pass
		Inner_1RB_Right	23.67	/	/	23.75	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3490.02	Edge_1RB_Left	21.44	/	/	21.52	/	/	<=30	Pass
		Edge_1RB_Right	21.37	/	/	21.45	/	/	<=30	Pass
		Outer_Full	22.29	/	/	22.37	/	/	<=30	Pass
		Inner_Full	22.32	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Left	22.38	/	/	22.46	/	/	<=30	Pass
		Inner_1RB_Right	22.29	/	/	22.37	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.50	/	/	21.58	/	/	<=30	Pass
		Edge_1RB_Right	21.40	/	/	21.48	/	/	<=30	Pass
		Outer_Full	22.27	/	/	22.35	/	/	<=30	Pass
		Inner_Full	22.31	/	/	22.39	/	/	<=30	Pass
		Inner_1RB_Left	22.43	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Right	22.37	/	/	22.45	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.53	/	/	21.61	/	/	<=30	Pass
		Edge_1RB_Right	21.52	/	/	21.60	/	/	<=30	Pass
		Outer_Full	22.24	/	/	22.32	/	/	<=30	Pass
		Inner_Full	22.32	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Left	22.52	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Right	22.56	/	/	22.64	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3490.02	Edge_1RB_Left	20.33	/	/	20.41	/	/	<=30	Pass
		Edge_1RB_Right	20.24	/	/	20.32	/	/	<=30	Pass
		Outer_Full	20.34	/	/	20.42	/	/	<=30	Pass
		Inner_Full	20.36	/	/	20.44	/	/	<=30	Pass
		Inner_1RB_Left	20.34	/	/	20.42	/	/	<=30	Pass
		Inner_1RB_Right	20.21	/	/	20.29	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.35	/	/	20.43	/	/	<=30	Pass
		Edge_1RB_Right	20.26	/	/	20.34	/	/	<=30	Pass
		Outer_Full	20.33	/	/	20.41	/	/	<=30	Pass
		Inner_Full	20.40	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Left	20.42	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Right	20.25	/	/	20.33	/	/	<=30	Pass
	3510	Edge_1RB_Left	20.42	/	/	20.50	/	/	<=30	Pass
		Edge_1RB_Right	20.38	/	/	20.46	/	/	<=30	Pass
		Outer_Full	20.28	/	/	20.36	/	/	<=30	Pass
		Inner_Full	20.39	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Left	20.39	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Right	20.36	/	/	20.44	/	/	<=30	Pass
CP-OFDM QPSK	3490.02	Edge_1RB_Left	21.22	/	/	21.30	/	/	<=30	Pass
		Edge_1RB_Right	21.22	/	/	21.30	/	/	<=30	Pass
		Outer_Full	21.79	/	/	21.87	/	/	<=30	Pass
		Inner_Full	23.25	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Left	23.18	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Right	23.15	/	/	23.23	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.31	/	/	21.39	/	/	<=30	Pass
		Edge_1RB_Right	21.19	/	/	21.27	/	/	<=30	Pass
		Outer_Full	21.74	/	/	21.82	/	/	<=30	Pass
		Inner_Full	23.22	/	/	23.30	/	/	<=30	Pass
		Inner_1RB_Left	23.27	/	/	23.35	/	/	<=30	Pass
		Inner_1RB_Right	23.19	/	/	23.27	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.27	/	/	21.35	/	/	<=30	Pass
		Edge_1RB_Right	21.26	/	/	21.34	/	/	<=30	Pass

		Outer_Full	21.76	/	/	21.84	/	/	<=30	Pass
		Inner_Full	23.20	/	/	23.28	/	/	<=30	Pass
		Inner_1RB_Left	23.29	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Right	23.25	/	/	23.33	/	/	<=30	Pass
CP-OFDM 16 QAM	3490.02	Edge_1RB_Left	21.09	/	/	21.17	/	/	<=30	Pass
		Edge_1RB_Right	21.04	/	/	21.12	/	/	<=30	Pass
		Outer_Full	21.77	/	/	21.85	/	/	<=30	Pass
		Inner_Full	22.76	/	/	22.84	/	/	<=30	Pass
		Inner_1RB_Left	22.52	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Right	22.34	/	/	22.42	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.14	/	/	21.22	/	/	<=30	Pass
		Edge_1RB_Right	21.00	/	/	21.08	/	/	<=30	Pass
		Outer_Full	21.72	/	/	21.80	/	/	<=30	Pass
		Inner_Full	22.77	/	/	22.85	/	/	<=30	Pass
		Inner_1RB_Left	22.58	/	/	22.66	/	/	<=30	Pass
		Inner_1RB_Right	22.33	/	/	22.41	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.07	/	/	21.15	/	/	<=30	Pass
		Edge_1RB_Right	21.14	/	/	21.22	/	/	<=30	Pass
		Outer_Full	21.75	/	/	21.83	/	/	<=30	Pass
		Inner_Full	22.77	/	/	22.85	/	/	<=30	Pass
Inner_1RB_Left		22.48	/	/	22.56	/	/	<=30	Pass	
Inner_1RB_Right		22.56	/	/	22.64	/	/	<=30	Pass	
CP-OFDM 64 QAM	3490.02	Edge_1RB_Left	21.53	/	/	21.61	/	/	<=30	Pass
		Edge_1RB_Right	21.34	/	/	21.42	/	/	<=30	Pass
		Outer_Full	21.28	/	/	21.36	/	/	<=30	Pass
		Inner_Full	21.33	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Left	21.54	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Right	21.39	/	/	21.47	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.49	/	/	21.57	/	/	<=30	Pass
		Edge_1RB_Right	21.39	/	/	21.47	/	/	<=30	Pass
		Outer_Full	21.26	/	/	21.34	/	/	<=30	Pass
		Inner_Full	21.32	/	/	21.40	/	/	<=30	Pass
		Inner_1RB_Left	21.59	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Right	21.46	/	/	21.54	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.60	/	/	21.68	/	/	<=30	Pass
		Edge_1RB_Right	21.58	/	/	21.66	/	/	<=30	Pass
		Outer_Full	21.27	/	/	21.35	/	/	<=30	Pass
		Inner_Full	21.32	/	/	21.40	/	/	<=30	Pass
Inner_1RB_Left		21.59	/	/	21.67	/	/	<=30	Pass	
Inner_1RB_Right		21.59	/	/	21.67	/	/	<=30	Pass	
CP-OFDM 256 QAM	3490.02	Edge_1RB_Left	18.38	/	/	18.46	/	/	<=30	Pass
		Edge_1RB_Right	18.32	/	/	18.40	/	/	<=30	Pass
		Outer_Full	18.31	/	/	18.39	/	/	<=30	Pass
		Inner_Full	18.32	/	/	18.40	/	/	<=30	Pass
		Inner_1RB_Left	18.47	/	/	18.55	/	/	<=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	18.35	/	/	18.43	/	/	<=30	Pass
		Inner_Full	18.32	/	/	18.40	/	/	<=30	Pass
		Inner_1RB_Left	18.46	/	/	18.54	/	/	<=30	Pass
		Inner_1RB_Right	18.29	/	/	18.37	/	/	<=30	Pass
	3510	Edge_1RB_Left	18.53	/	/	18.61	/	/	<=30	Pass
		Edge_1RB_Right	18.47	/	/	18.55	/	/	<=30	Pass
		Outer_Full	18.32	/	/	18.40	/	/	<=30	Pass
		Inner_Full	18.30	/	/	18.38	/	/	<=30	Pass
Inner_1RB_Left		18.52	/	/	18.60	/	/	<=30	Pass	
Inner_1RB_Right		18.49	/	/	18.57	/	/	<=30	Pass	
Note1: Antenna Gain: Ant0: 0.08dBi;										

Note2: EIRP=Conducted Power+Antenna Gain

1.1.11 30k_SISO_90MHz_NTNV_EIRP

5G NR n77d 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	21.23	/	/	21.31	/	/	<=30	Pass
		Edge_1RB_Right	21.34	/	/	21.42	/	/	<=30	Pass
		Outer_Full	24.12	/	/	24.20	/	/	<=30	Pass
		Inner_Full	24.63	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Left	24.74	/	/	24.82	/	/	<=30	Pass
		Inner_1RB_Right	24.77	/	/	24.85	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.35	/	/	21.43	/	/	<=30	Pass
		Edge_1RB_Right	21.27	/	/	21.35	/	/	<=30	Pass
		Outer_Full	24.21	/	/	24.29	/	/	<=30	Pass
		Inner_Full	24.73	/	/	24.81	/	/	<=30	Pass
		Inner_1RB_Left	24.80	/	/	24.88	/	/	<=30	Pass
		Inner_1RB_Right	24.82	/	/	24.90	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	21.44	/	/	21.52	/	/	<=30	Pass
		Edge_1RB_Right	21.24	/	/	21.32	/	/	<=30	Pass
		Outer_Full	24.26	/	/	24.34	/	/	<=30	Pass
		Inner_Full	24.74	/	/	24.82	/	/	<=30	Pass
		Inner_1RB_Left	24.82	/	/	24.90	/	/	<=30	Pass
DFT-s-OFDM QPSK	3495	Edge_1RB_Left	21.24	/	/	21.32	/	/	<=30	Pass
		Edge_1RB_Right	21.29	/	/	21.37	/	/	<=30	Pass
		Outer_Full	23.75	/	/	23.83	/	/	<=30	Pass
		Inner_Full	24.66	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Left	24.62	/	/	24.70	/	/	<=30	Pass
		Inner_1RB_Right	24.70	/	/	24.78	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.34	/	/	21.42	/	/	<=30	Pass
		Edge_1RB_Right	21.23	/	/	21.31	/	/	<=30	Pass
		Outer_Full	23.77	/	/	23.85	/	/	<=30	Pass
		Inner_Full	24.75	/	/	24.83	/	/	<=30	Pass
		Inner_1RB_Left	24.73	/	/	24.81	/	/	<=30	Pass
		Inner_1RB_Right	24.65	/	/	24.73	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	21.41	/	/	21.49	/	/	<=30	Pass
		Edge_1RB_Right	21.21	/	/	21.29	/	/	<=30	Pass
		Outer_Full	23.80	/	/	23.88	/	/	<=30	Pass
		Inner_Full	24.79	/	/	24.87	/	/	<=30	Pass
		Inner_1RB_Left	24.90	/	/	24.98	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3495	Edge_1RB_Left	21.06	/	/	21.14	/	/	<=30	Pass
		Edge_1RB_Right	21.14	/	/	21.22	/	/	<=30	Pass
		Outer_Full	22.75	/	/	22.83	/	/	<=30	Pass
		Inner_Full	23.75	/	/	23.83	/	/	<=30	Pass
		Inner_1RB_Left	23.54	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Right	23.62	/	/	23.70	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.16	/	/	21.24	/	/	<=30	Pass
		Edge_1RB_Right	21.07	/	/	21.15	/	/	<=30	Pass
		Outer_Full	22.76	/	/	22.84	/	/	<=30	Pass
		Inner_Full	23.78	/	/	23.86	/	/	<=30	Pass
		Inner_1RB_Left	23.66	/	/	23.74	/	/	<=30	Pass
		Inner_1RB_Right	23.53	/	/	23.61	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	21.19	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	21.08	/	/	21.16	/	/	<=30	Pass

		Outer_Full	22.80	/	/	22.88	/	/	<=30	Pass
		Inner_Full	23.86	/	/	23.94	/	/	<=30	Pass
		Inner_1RB_Left	23.57	/	/	23.65	/	/	<=30	Pass
		Inner_1RB_Right	23.38	/	/	23.46	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3495	Edge_1RB_Left	21.44	/	/	21.52	/	/	<=30	Pass
		Edge_1RB_Right	21.50	/	/	21.58	/	/	<=30	Pass
		Outer_Full	22.28	/	/	22.36	/	/	<=30	Pass
		Inner_Full	22.25	/	/	22.33	/	/	<=30	Pass
		Inner_1RB_Left	22.37	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Right	22.41	/	/	22.49	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.49	/	/	21.57	/	/	<=30	Pass
		Edge_1RB_Right	21.44	/	/	21.52	/	/	<=30	Pass
		Outer_Full	22.29	/	/	22.37	/	/	<=30	Pass
		Inner_Full	22.32	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Left	22.45	/	/	22.53	/	/	<=30	Pass
		Inner_1RB_Right	22.39	/	/	22.47	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	21.56	/	/	21.64	/	/	<=30	Pass
		Edge_1RB_Right	21.31	/	/	21.39	/	/	<=30	Pass
		Outer_Full	22.31	/	/	22.39	/	/	<=30	Pass
		Inner_Full	22.39	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Left	22.53	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Right	22.34	/	/	22.42	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3495	Edge_1RB_Left	20.25	/	/	20.33	/	/	<=30	Pass
		Edge_1RB_Right	20.36	/	/	20.44	/	/	<=30	Pass
		Outer_Full	20.31	/	/	20.39	/	/	<=30	Pass
		Inner_Full	20.31	/	/	20.39	/	/	<=30	Pass
		Inner_1RB_Left	20.29	/	/	20.37	/	/	<=30	Pass
		Inner_1RB_Right	20.36	/	/	20.44	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.38	/	/	20.46	/	/	<=30	Pass
		Edge_1RB_Right	20.24	/	/	20.32	/	/	<=30	Pass
		Outer_Full	20.36	/	/	20.44	/	/	<=30	Pass
		Inner_Full	20.38	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Left	20.35	/	/	20.43	/	/	<=30	Pass
		Inner_1RB_Right	20.25	/	/	20.33	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	20.41	/	/	20.49	/	/	<=30	Pass
		Edge_1RB_Right	20.26	/	/	20.34	/	/	<=30	Pass
		Outer_Full	20.36	/	/	20.44	/	/	<=30	Pass
		Inner_Full	20.44	/	/	20.52	/	/	<=30	Pass
		Inner_1RB_Left	20.43	/	/	20.51	/	/	<=30	Pass
		Inner_1RB_Right	20.22	/	/	20.30	/	/	<=30	Pass
CP-OFDM QPSK	3495	Edge_1RB_Left	21.15	/	/	21.23	/	/	<=30	Pass
		Edge_1RB_Right	21.31	/	/	21.39	/	/	<=30	Pass
		Outer_Full	21.77	/	/	21.85	/	/	<=30	Pass
		Inner_Full	23.19	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Left	23.16	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Right	23.22	/	/	23.30	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.29	/	/	21.37	/	/	<=30	Pass
		Edge_1RB_Right	21.26	/	/	21.34	/	/	<=30	Pass
		Outer_Full	21.75	/	/	21.83	/	/	<=30	Pass
		Inner_Full	23.27	/	/	23.35	/	/	<=30	Pass
		Inner_1RB_Left	23.15	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Right	23.08	/	/	23.16	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	21.36	/	/	21.44	/	/	<=30	Pass
		Edge_1RB_Right	21.19	/	/	21.27	/	/	<=30	Pass
		Outer_Full	21.77	/	/	21.85	/	/	<=30	Pass
		Inner_Full	23.32	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Left	23.23	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Right	23.14	/	/	23.22	/	/	<=30	Pass
CP-OFDM 16 QAM	3495	Edge_1RB_Left	20.97	/	/	21.05	/	/	<=30	Pass

		Edge_1RB_Right	21.10	/	/	21.18	/	/	<=30	Pass
		Outer_Full	21.74	/	/	21.82	/	/	<=30	Pass
		Inner_Full	22.69	/	/	22.77	/	/	<=30	Pass
		Inner_1RB_Left	22.45	/	/	22.53	/	/	<=30	Pass
		Inner_1RB_Right	22.62	/	/	22.70	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.06	/	/	21.14	/	/	<=30	Pass
		Edge_1RB_Right	21.06	/	/	21.14	/	/	<=30	Pass
		Outer_Full	21.76	/	/	21.84	/	/	<=30	Pass
		Inner_Full	22.76	/	/	22.84	/	/	<=30	Pass
		Inner_1RB_Left	22.56	/	/	22.64	/	/	<=30	Pass
	3504.99	Inner_1RB_Right	22.47	/	/	22.55	/	/	<=30	Pass
		Edge_1RB_Left	21.24	/	/	21.32	/	/	<=30	Pass
		Edge_1RB_Right	21.07	/	/	21.15	/	/	<=30	Pass
		Outer_Full	21.78	/	/	21.86	/	/	<=30	Pass
		Inner_Full	22.84	/	/	22.92	/	/	<=30	Pass
CP-OFDM 64 QAM	3495	Inner_1RB_Left	22.52	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Right	22.40	/	/	22.48	/	/	<=30	Pass
		Edge_1RB_Left	21.41	/	/	21.49	/	/	<=30	Pass
		Edge_1RB_Right	21.47	/	/	21.55	/	/	<=30	Pass
		Outer_Full	21.26	/	/	21.34	/	/	<=30	Pass
	3500.01	Inner_Full	21.25	/	/	21.33	/	/	<=30	Pass
		Inner_1RB_Left	21.43	/	/	21.51	/	/	<=30	Pass
		Inner_1RB_Right	21.56	/	/	21.64	/	/	<=30	Pass
		Edge_1RB_Left	21.48	/	/	21.56	/	/	<=30	Pass
		Edge_1RB_Right	21.44	/	/	21.52	/	/	<=30	Pass
	3504.99	Outer_Full	21.22	/	/	21.30	/	/	<=30	Pass
		Inner_Full	21.28	/	/	21.36	/	/	<=30	Pass
		Inner_1RB_Left	21.53	/	/	21.61	/	/	<=30	Pass
		Inner_1RB_Right	21.42	/	/	21.50	/	/	<=30	Pass
		Edge_1RB_Left	21.55	/	/	21.63	/	/	<=30	Pass
CP-OFDM 256 QAM	3495	Edge_1RB_Right	21.42	/	/	21.50	/	/	<=30	Pass
		Outer_Full	21.31	/	/	21.39	/	/	<=30	Pass
		Inner_Full	21.27	/	/	21.35	/	/	<=30	Pass
		Inner_1RB_Left	21.64	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Right	21.37	/	/	21.45	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.36	/	/	18.44	/	/	<=30	Pass
		Edge_1RB_Right	18.48	/	/	18.56	/	/	<=30	Pass
		Outer_Full	18.32	/	/	18.40	/	/	<=30	Pass
		Inner_Full	18.29	/	/	18.37	/	/	<=30	Pass
		Inner_1RB_Left	18.38	/	/	18.46	/	/	<=30	Pass
	3504.99	Inner_1RB_Right	18.43	/	/	18.51	/	/	<=30	Pass
		Edge_1RB_Left	18.45	/	/	18.53	/	/	<=30	Pass
		Edge_1RB_Right	18.43	/	/	18.51	/	/	<=30	Pass
		Outer_Full	18.35	/	/	18.43	/	/	<=30	Pass
		Inner_Full	18.39	/	/	18.47	/	/	<=30	Pass
		Inner_1RB_Left	18.51	/	/	18.59	/	/	<=30	Pass
		Inner_1RB_Right	18.38	/	/	18.46	/	/	<=30	Pass
		Edge_1RB_Left	18.57	/	/	18.65	/	/	<=30	Pass
		Edge_1RB_Right	18.34	/	/	18.42	/	/	<=30	Pass
		Outer_Full	18.34	/	/	18.42	/	/	<=30	Pass
	3500.01	Inner_Full	18.47	/	/	18.55	/	/	<=30	Pass
		Inner_1RB_Left	18.57	/	/	18.65	/	/	<=30	Pass
3504.99	Inner_1RB_Right	18.34	/	/	18.42	/	/	<=30	Pass	
	Note1: Antenna Gain: Ant0: 0.08dBi; Note2: EIRP=Conducted Power+Antenna Gain									

1.1.12 30k_SISO_100MHz_NTNV_EIRP

5G NR n77d 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	21.33	/	/	21.41	/	/	<=30	Pass
		Edge 1RB Right	21.37	/	/	21.45	/	/	<=30	Pass
		Outer Full	24.22	/	/	24.30	/	/	<=30	Pass
		Inner Full	24.72	/	/	24.80	/	/	<=30	Pass
		Inner 1RB Left	24.78	/	/	24.86	/	/	<=30	Pass
		Inner 1RB Right	24.96	/	/	25.04	/	/	<=30	Pass
DFT-s-OFDM QPSK	3500.01	Edge 1RB Left	21.28	/	/	21.36	/	/	<=30	Pass
		Edge 1RB Right	21.34	/	/	21.42	/	/	<=30	Pass
		Outer Full	23.80	/	/	23.88	/	/	<=30	Pass
		Inner Full	24.80	/	/	24.88	/	/	<=30	Pass
		Inner 1RB Left	24.76	/	/	24.84	/	/	<=30	Pass
		Inner 1RB Right	24.84	/	/	24.92	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3500.01	Edge 1RB Left	21.24	/	/	21.32	/	/	<=30	Pass
		Edge 1RB Right	21.25	/	/	21.33	/	/	<=30	Pass
		Outer Full	22.80	/	/	22.88	/	/	<=30	Pass
		Inner Full	23.82	/	/	23.90	/	/	<=30	Pass
		Inner 1RB Left	23.51	/	/	23.59	/	/	<=30	Pass
		Inner 1RB Right	23.59	/	/	23.67	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3500.01	Edge 1RB Left	21.45	/	/	21.53	/	/	<=30	Pass
		Edge 1RB Right	21.52	/	/	21.60	/	/	<=30	Pass
		Outer Full	22.31	/	/	22.39	/	/	<=30	Pass
		Inner Full	22.32	/	/	22.40	/	/	<=30	Pass
		Inner 1RB Left	22.52	/	/	22.60	/	/	<=30	Pass
		Inner 1RB Right	22.53	/	/	22.61	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3500.01	Edge 1RB Left	20.30	/	/	20.38	/	/	<=30	Pass
		Edge 1RB Right	20.36	/	/	20.44	/	/	<=30	Pass
		Outer Full	20.36	/	/	20.44	/	/	<=30	Pass
		Inner Full	20.41	/	/	20.49	/	/	<=30	Pass
		Inner 1RB Left	20.36	/	/	20.44	/	/	<=30	Pass
		Inner 1RB Right	20.37	/	/	20.45	/	/	<=30	Pass
CP-OFDM QPSK	3500.01	Edge 1RB Left	21.20	/	/	21.28	/	/	<=30	Pass
		Edge 1RB Right	21.32	/	/	21.40	/	/	<=30	Pass
		Outer Full	21.77	/	/	21.85	/	/	<=30	Pass
		Inner Full	23.25	/	/	23.33	/	/	<=30	Pass
		Inner 1RB Left	23.30	/	/	23.38	/	/	<=30	Pass
		Inner 1RB Right	23.24	/	/	23.32	/	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Edge 1RB Left	21.12	/	/	21.20	/	/	<=30	Pass
		Edge 1RB Right	21.20	/	/	21.28	/	/	<=30	Pass
		Outer Full	21.77	/	/	21.85	/	/	<=30	Pass
		Inner Full	22.77	/	/	22.85	/	/	<=30	Pass
		Inner 1RB Left	22.63	/	/	22.71	/	/	<=30	Pass
		Inner 1RB Right	22.57	/	/	22.65	/	/	<=30	Pass
CP-OFDM 64 QAM	3500.01	Edge 1RB Left	21.58	/	/	21.66	/	/	<=30	Pass
		Edge 1RB Right	21.64	/	/	21.72	/	/	<=30	Pass
		Outer Full	21.27	/	/	21.35	/	/	<=30	Pass
		Inner Full	21.28	/	/	21.36	/	/	<=30	Pass
		Inner 1RB Left	21.46	/	/	21.54	/	/	<=30	Pass
		Inner 1RB Right	21.63	/	/	21.71	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Edge 1RB Left	18.45	/	/	18.53	/	/	<=30	Pass
		Edge 1RB Right	18.54	/	/	18.62	/	/	<=30	Pass
		Outer Full	18.37	/	/	18.45	/	/	<=30	Pass
		Inner Full	18.38	/	/	18.46	/	/	<=30	Pass
		Inner 1RB Left	18.45	/	/	18.53	/	/	<=30	Pass
		Inner 1RB Right	18.51	/	/	18.59	/	/	<=30	Pass
Note1: Antenna Gain: Ant0: 0.08dB; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30k_SISO_100MHz

5G NR n77d 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	-7.60	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-10.30	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-8.40	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-15.10	-0.0043	>=-2.5 & <=2.5	Pass
			10	NV	-8.00	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-8.60	-0.0025	>=-2.5 & <=2.5	Pass
			30	NV	-5.50	-0.0016	>=-2.5 & <=2.5	Pass
			40	NV	-8.60	-0.0025	>=-2.5 & <=2.5	Pass
			50	NV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30k_SISO_10MHz_NTNV

5G NR n77d 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	9.61	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	8.65	9.53	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	8.66	9.52	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	8.70	9.58	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	8.65	9.44	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	8.67	9.55	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	8.66	9.52	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	8.67	9.55	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	8.71	9.56	/	Pass

3.1.2 30k_SISO_15MHz_NTNV

5G NR n77d SCS=30kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	13.07	14.11	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	13.08	14.11	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	13.04	14.11	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	13.06	14.19	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	13.03	14.07	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	13.74	14.88	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	13.73	14.85	/	Pass

CP-OFDM 64 QAM	3500.01	Outer Full	13.76	14.94	/	Pass
CP-OFDM 256 QAM	3500.01	Outer Full	13.71	14.85	/	Pass

3.1.3 30k_SISO_20MHz_NTNV

5G NR n77d 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	18.11	19.42	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer Full	18.11	19.41	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer Full	18.07	19.35	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer Full	18.13	19.50	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer Full	18.07	19.38	/	Pass
CP-OFDM QPSK	3500.01	Outer Full	18.37	19.85	/	Pass
CP-OFDM 16 QAM	3500.01	Outer Full	18.40	19.83	/	Pass
CP-OFDM 64 QAM	3500.01	Outer Full	18.39	19.80	/	Pass
CP-OFDM 256 QAM	3500.01	Outer Full	18.40	19.83	/	Pass

3.1.4 30k_SISO_25MHz_NTNV

5G NR n77d 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	23.21	24.82	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer Full	23.12	24.72	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer Full	23.17	24.69	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer Full	23.19	24.83	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer Full	23.06	24.67	/	Pass
CP-OFDM QPSK	3500.01	Outer Full	23.41	25.03	/	Pass
CP-OFDM 16 QAM	3500.01	Outer Full	23.44	25.04	/	Pass
CP-OFDM 64 QAM	3500.01	Outer Full	23.49	25.12	/	Pass
CP-OFDM 256 QAM	3500.01	Outer Full	23.40	25.03	/	Pass

3.1.5 30k_SISO_30MHz_NTNV

5G NR n77d 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	27.18	29.11	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer Full	27.19	29.15	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer Full	27.09	29.13	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer Full	27.16	29.10	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer Full	27.11	29.22	/	Pass
CP-OFDM QPSK	3500.01	Outer Full	28.06	30.15	/	Pass
CP-OFDM 16 QAM	3500.01	Outer Full	28.16	30.17	/	Pass
CP-OFDM 64 QAM	3500.01	Outer Full	28.06	30.20	/	Pass
CP-OFDM 256 QAM	3500.01	Outer Full	28.08	30.20	/	Pass

3.1.6 30k_SISO_40MHz_NTNV

5G NR n77d 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	36.14	38.74	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	36.24	38.75	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	36.08	38.78	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	36.16	38.90	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	36.05	38.74	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	38.10	40.81	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	38.11	40.89	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	38.14	40.78	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	38.12	40.86	/	Pass

3.1.7 30k_SISO_50MHz_NTNV

5G NR n77d 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	46.25	49.32	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	46.19	49.30	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	46.02	49.29	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	46.20	49.41	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	46.11	49.29	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	47.87	51.05	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	47.88	51.13	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	47.76	51.18	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	47.84	51.19	/	Pass

3.1.8 30k_SISO_60MHz_NTNV

5G NR n77d 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	58.47	62.28	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	58.41	62.24	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	58.22	62.18	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	58.32	62.30	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	58.36	62.33	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	58.21	62.23	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	58.15	62.16	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	58.42	62.15	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	58.29	62.26	/	Pass

3.1.9 30k_SISO_70MHz_NTNV

5G NR n77d 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	69.52	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	64.77	69.45	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	64.78	69.36	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	64.91	69.63	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	64.93	69.61	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	68.23	72.64	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	68.03	72.64	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	68.05	72.80	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	68.03	72.78	/	Pass

3.1.10 30k_SISO_80MHz_NTNV

5G NR n77d 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	77.87	82.84	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	77.64	83.08	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	77.62	82.15	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	77.58	82.82	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	77.71	82.63	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	77.80	82.97	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	77.72	83.44	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	77.91	83.17	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	77.90	82.95	/	Pass

3.1.11 30k_SISO_90MHz_NTNV

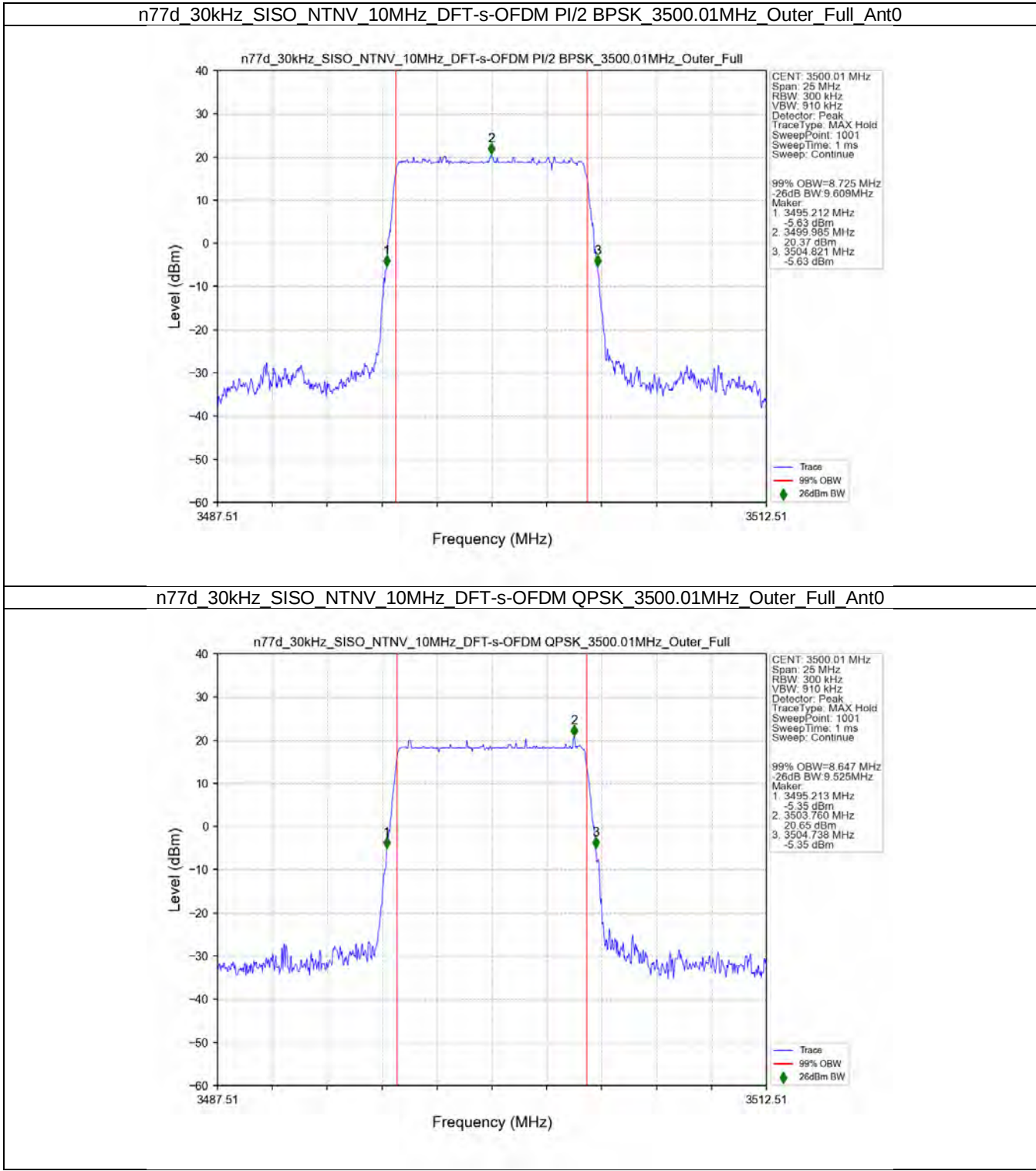
5G NR n77d SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	87.48	92.60	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	87.17	92.94	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	87.20	92.96	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	87.26	93.17	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	87.43	92.81	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	87.97	93.89	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	87.78	93.52	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	88.15	93.57	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	88.04	93.62	/	Pass

3.1.12 30k_SISO_100MHz_NTNV

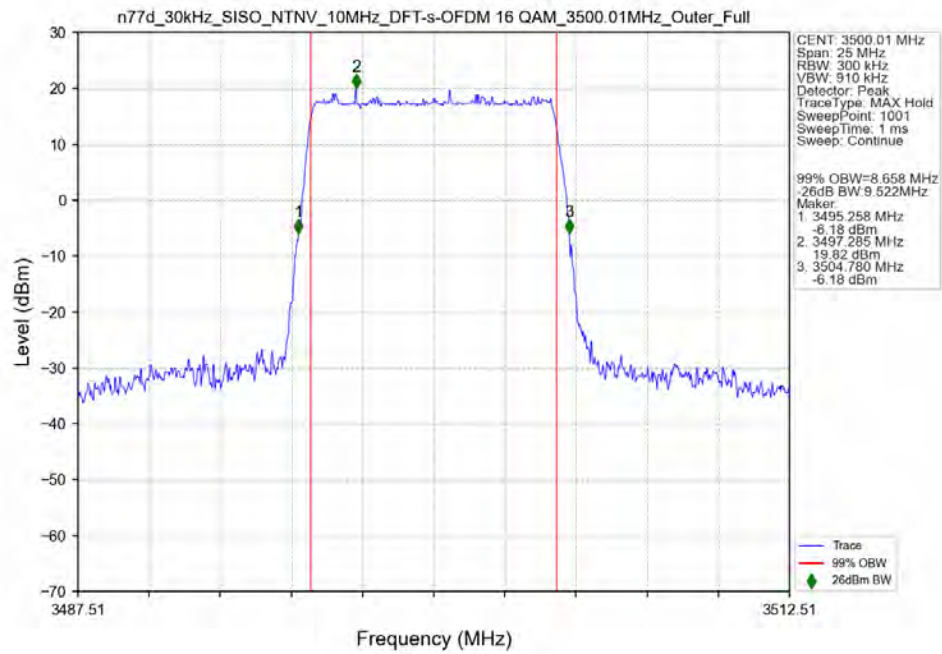
5G NR n77d SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	97.29	103.28	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	97.50	103.44	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	97.17	103.04	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	97.26	103.36	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	96.98	103.50	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	98.20	104.25	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	98.15	103.95	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	98.19	104.27	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	97.86	104.33	/	Pass

3.2 Test Graph

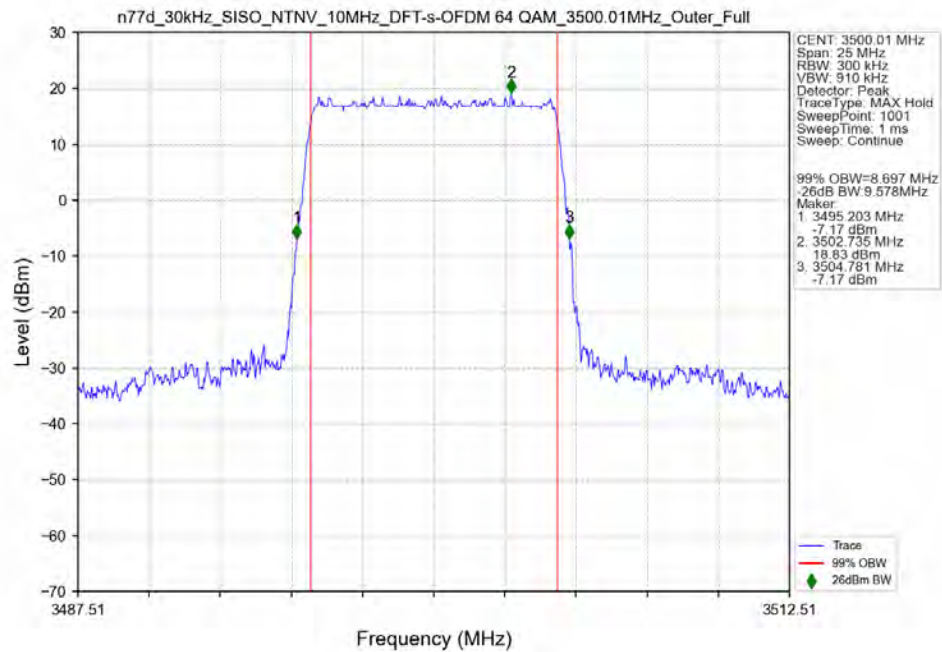
3.2.1 30k_SISO_10MHz_NTNV



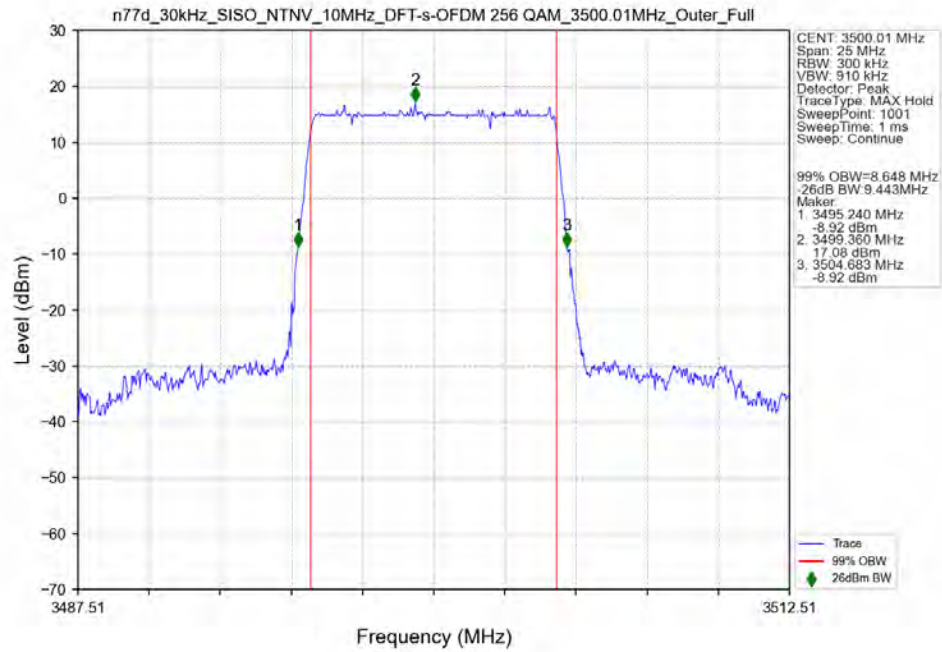
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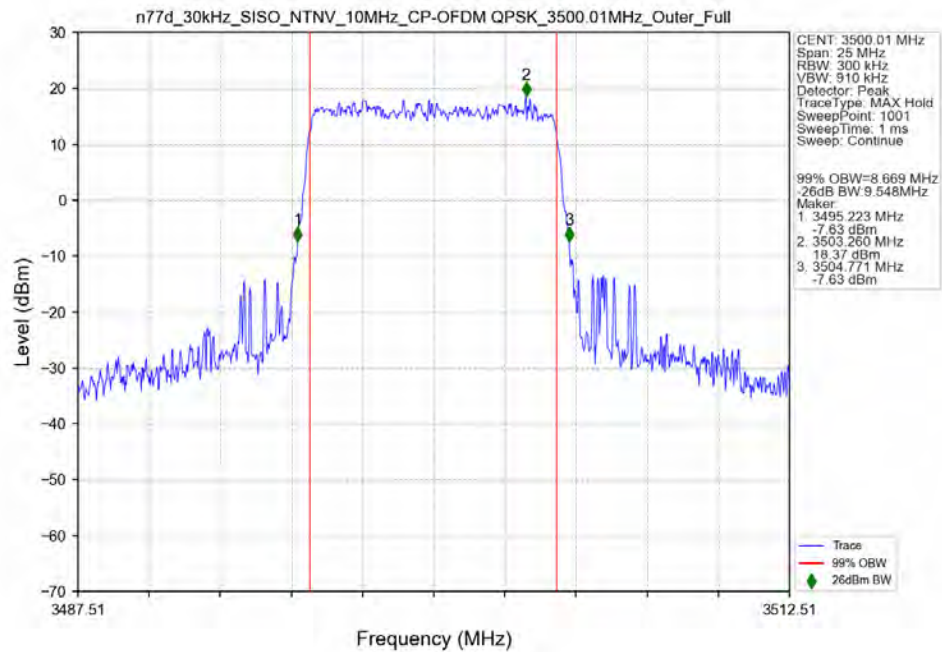
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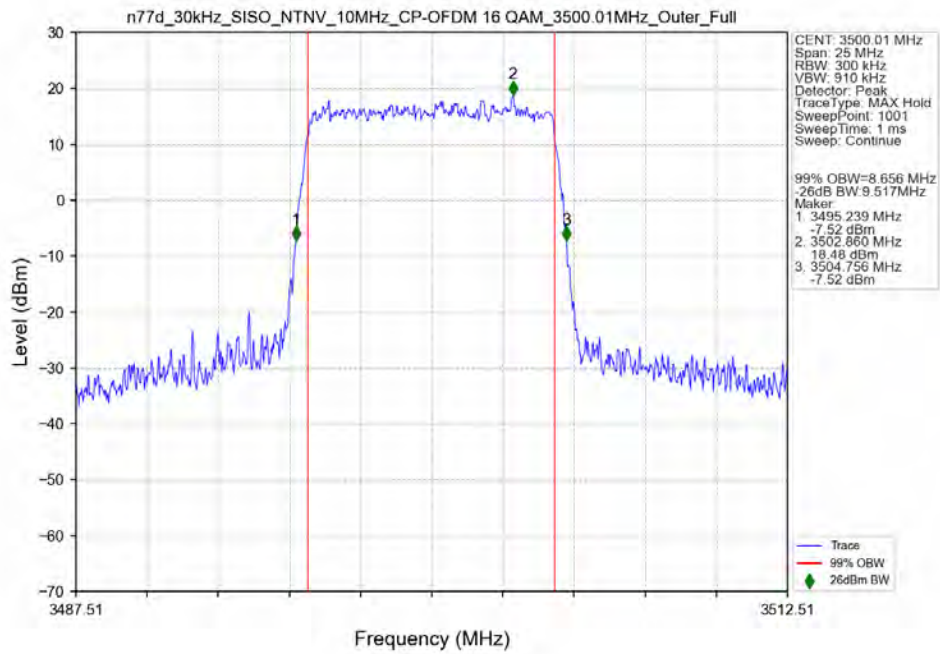
n77d_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant0



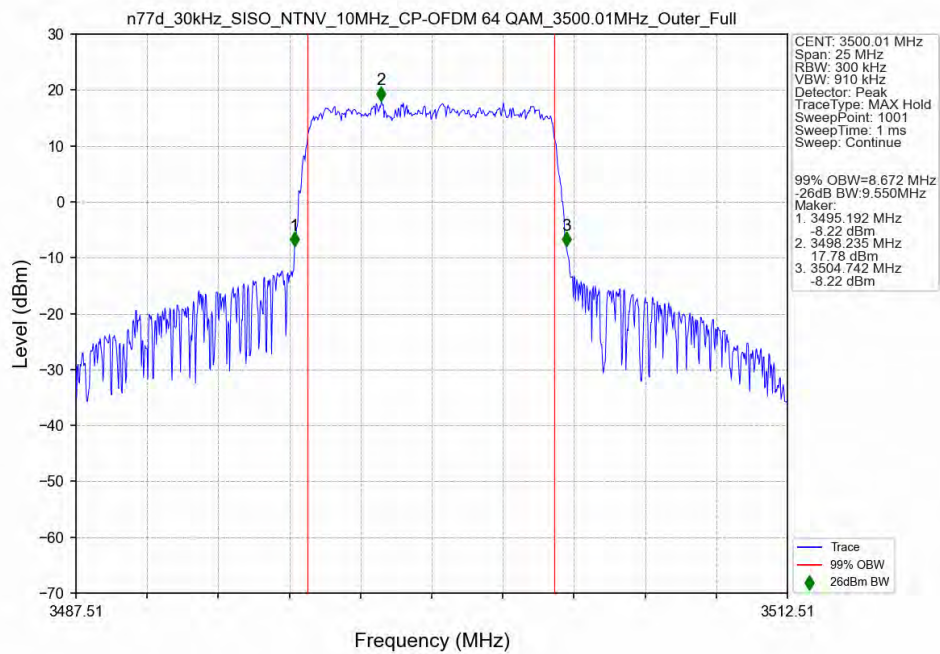
n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant0



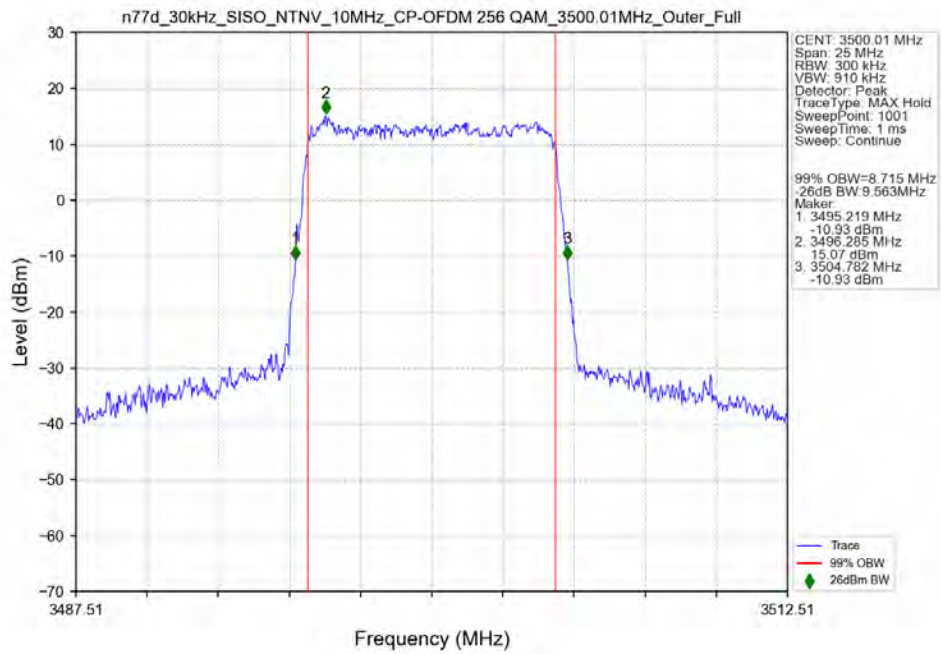
n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 3500.01MHz Outer Full Ant0



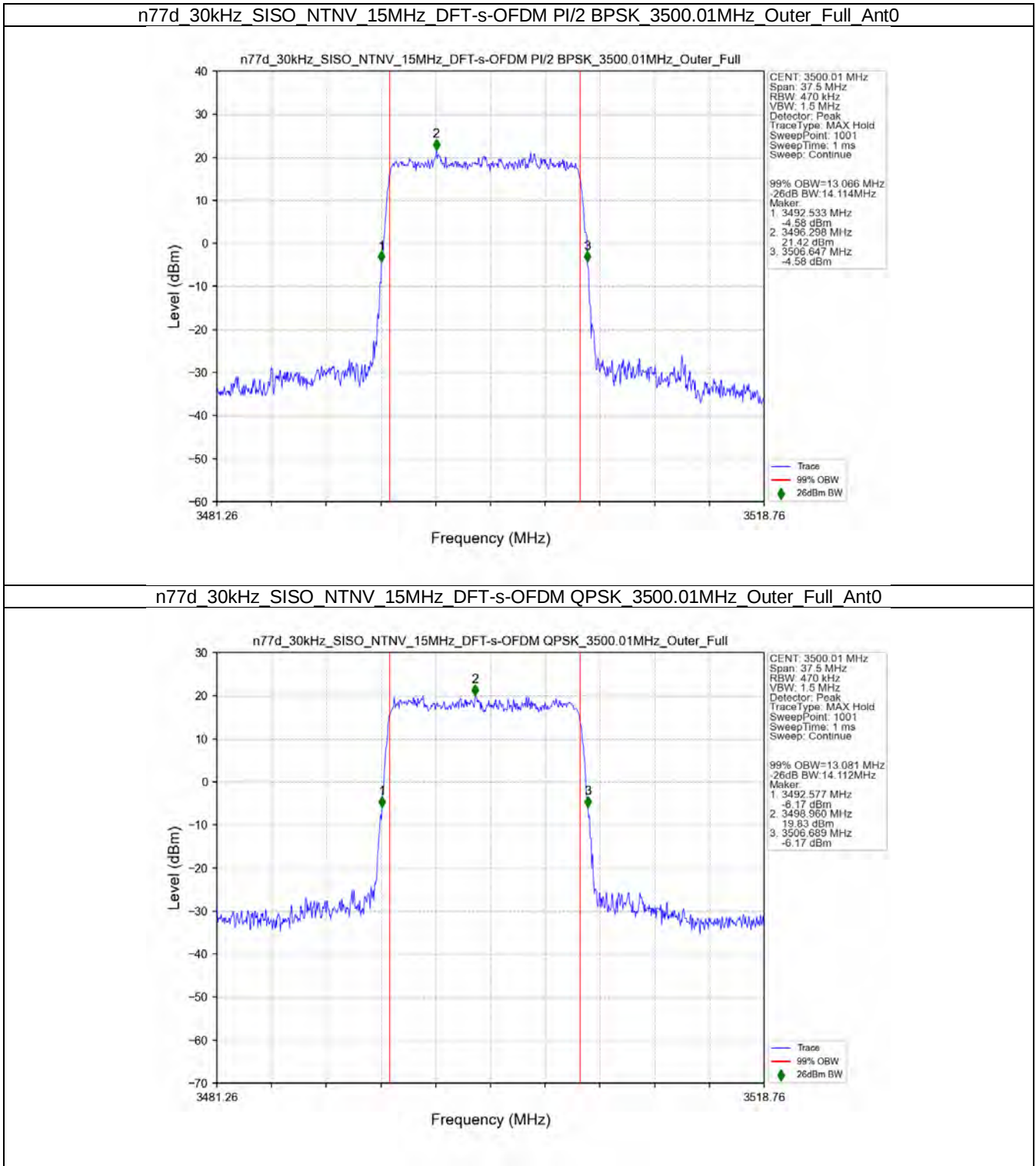
n77d_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 3500.01MHz Outer Full Ant0



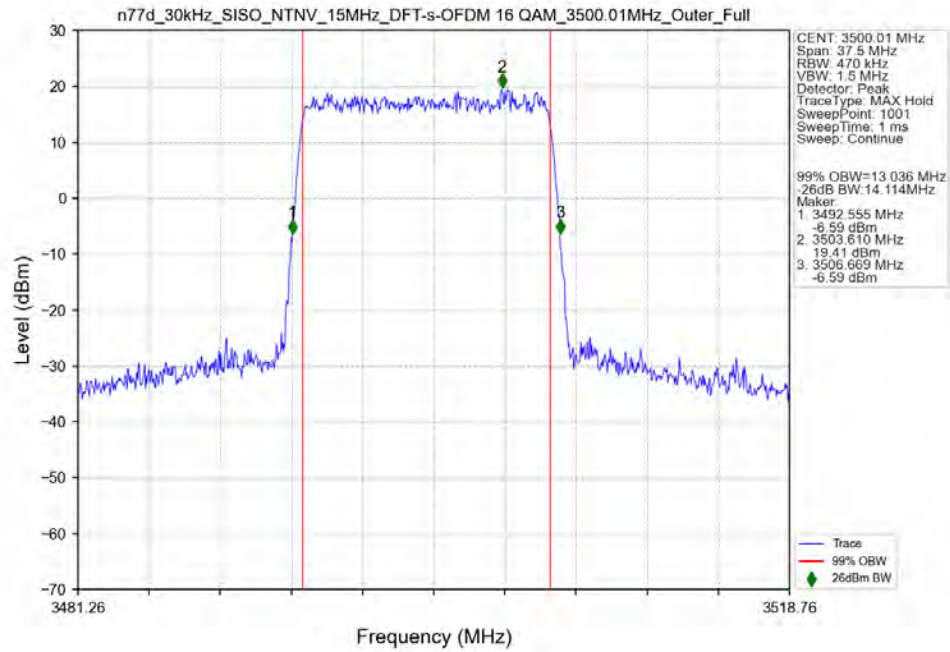
n77d 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant0



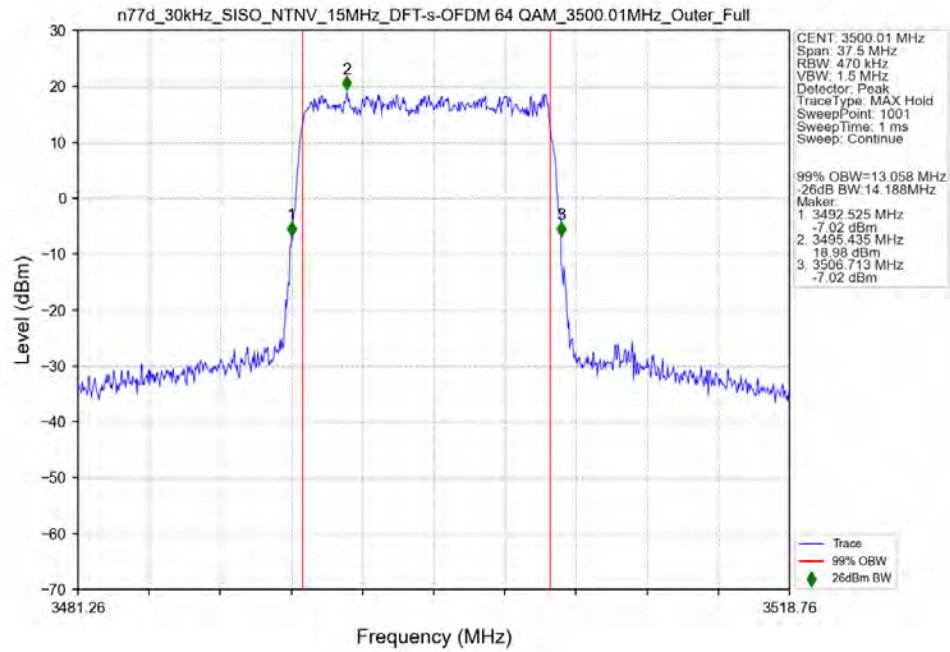
3.2.2 30k_SISO_15MHz_NTNV



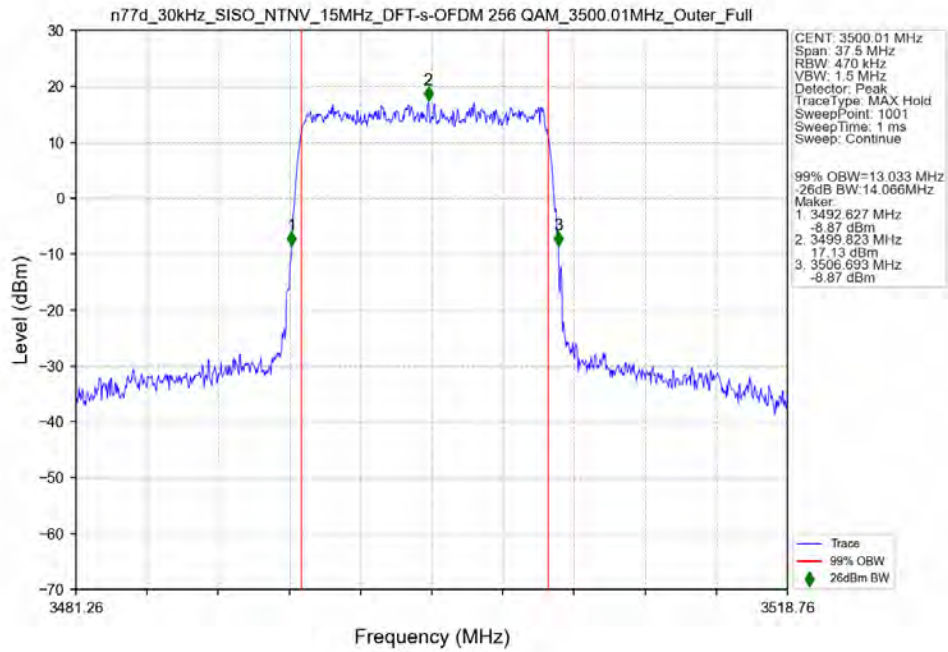
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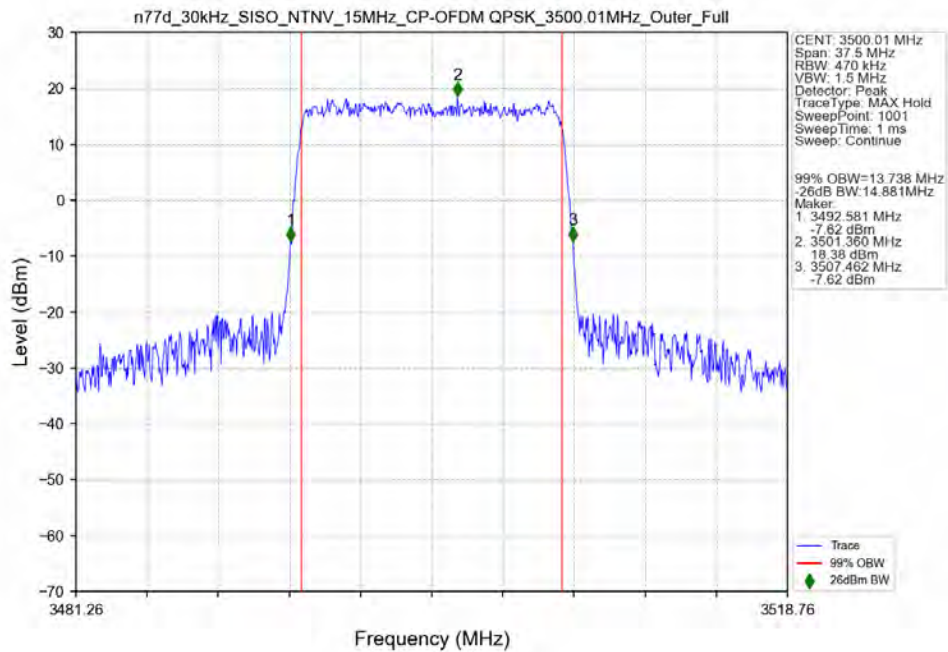
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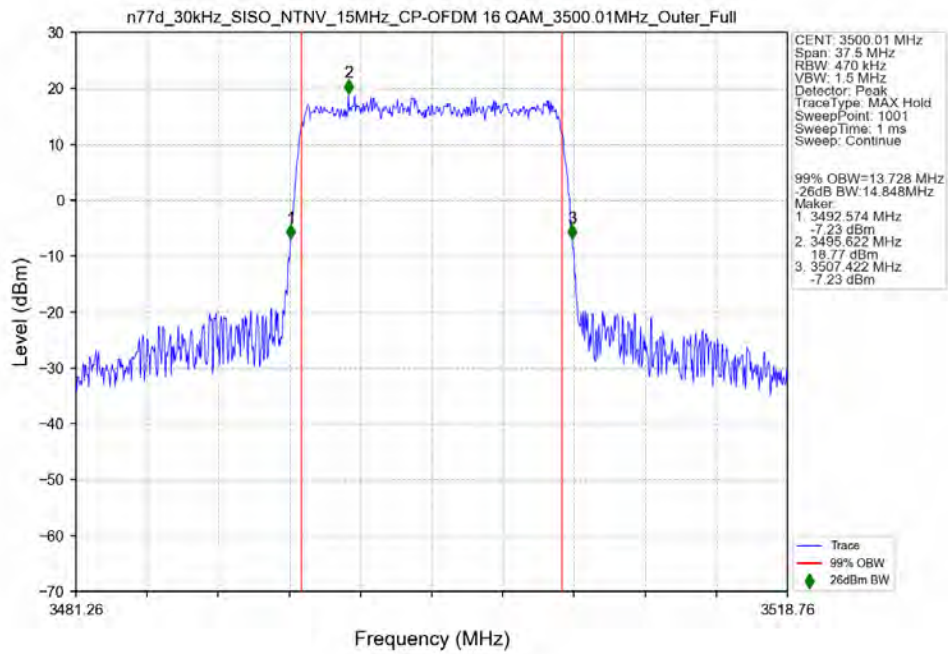
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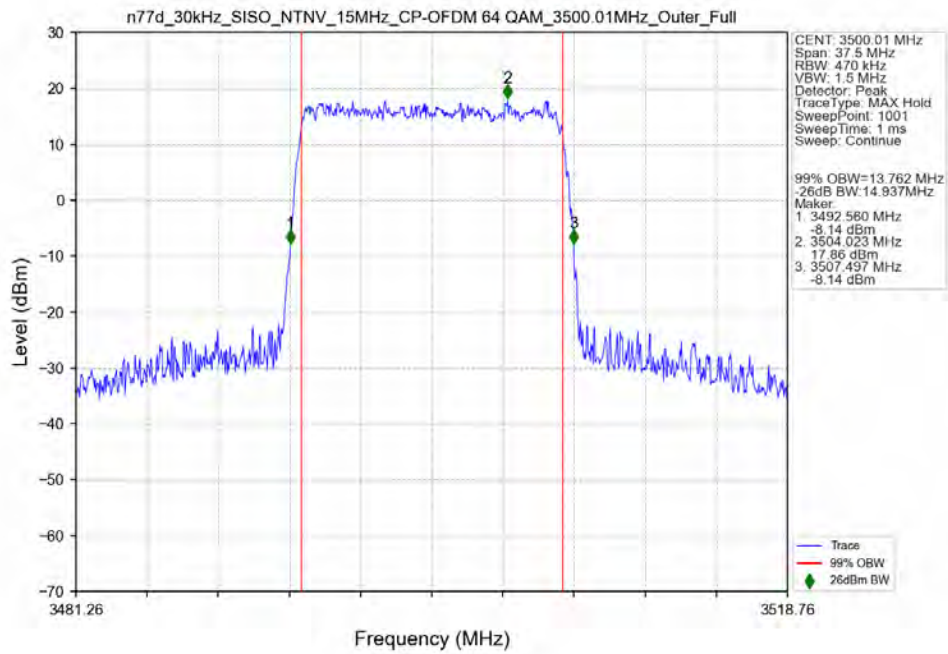
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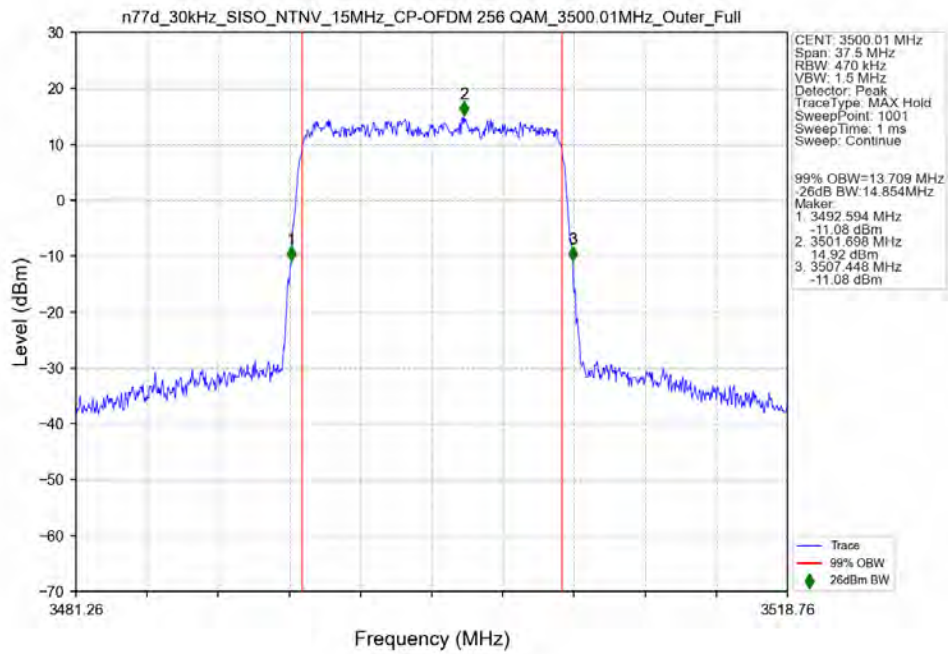
n77d_30kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 3500.01MHz Outer Full Ant0



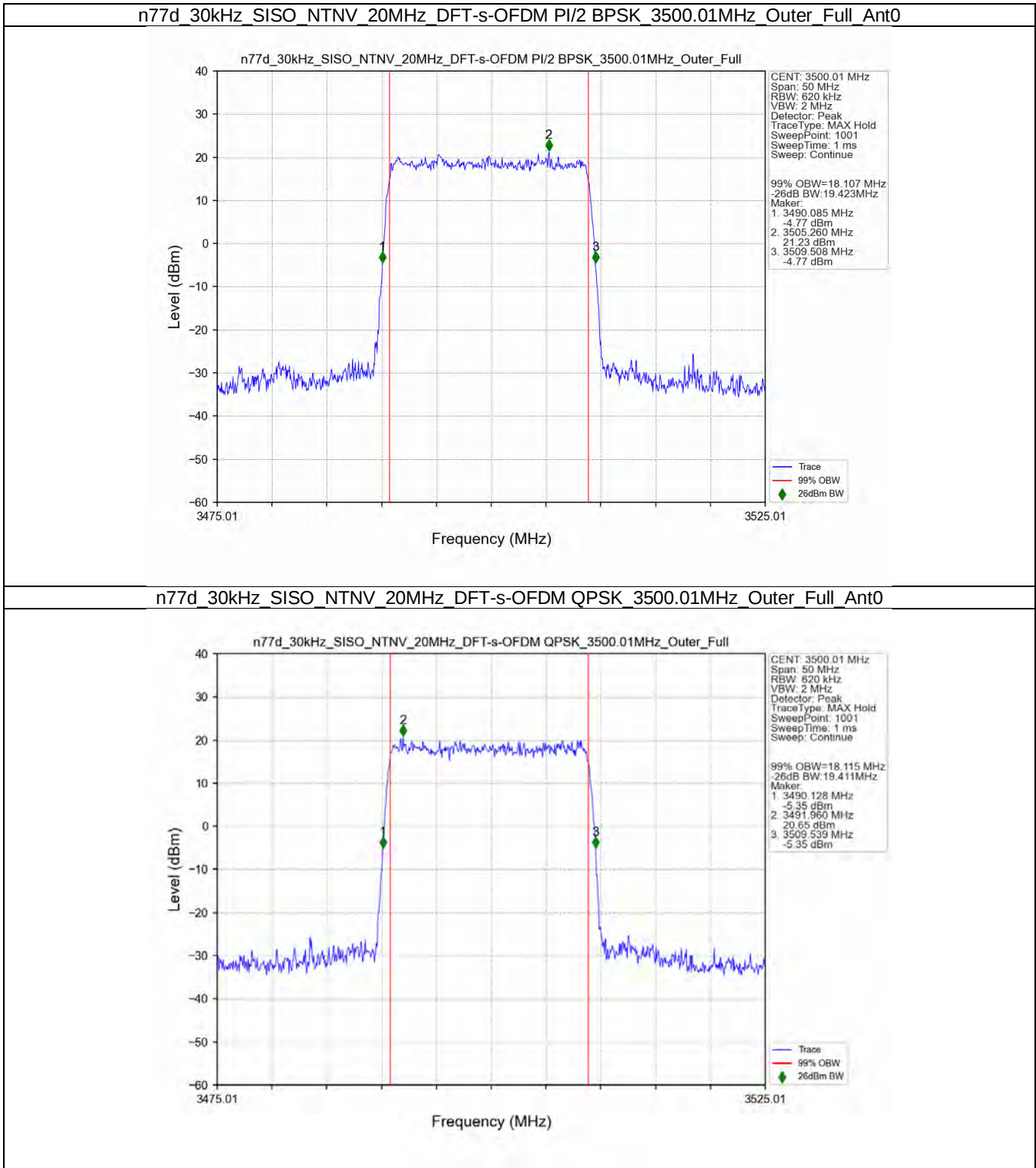
n77d_30kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM 3500.01MHz Outer Full Ant0



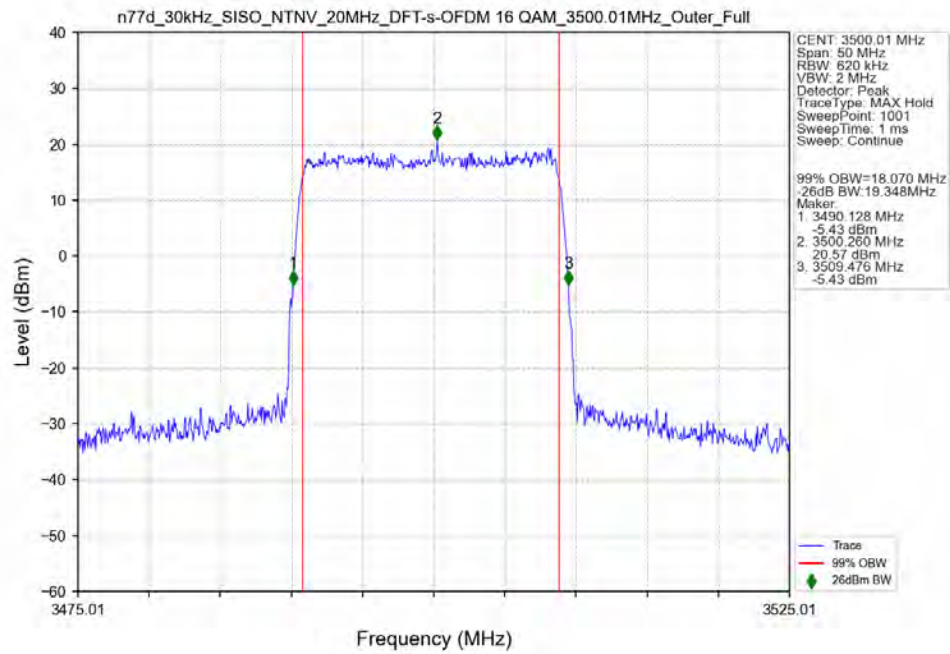
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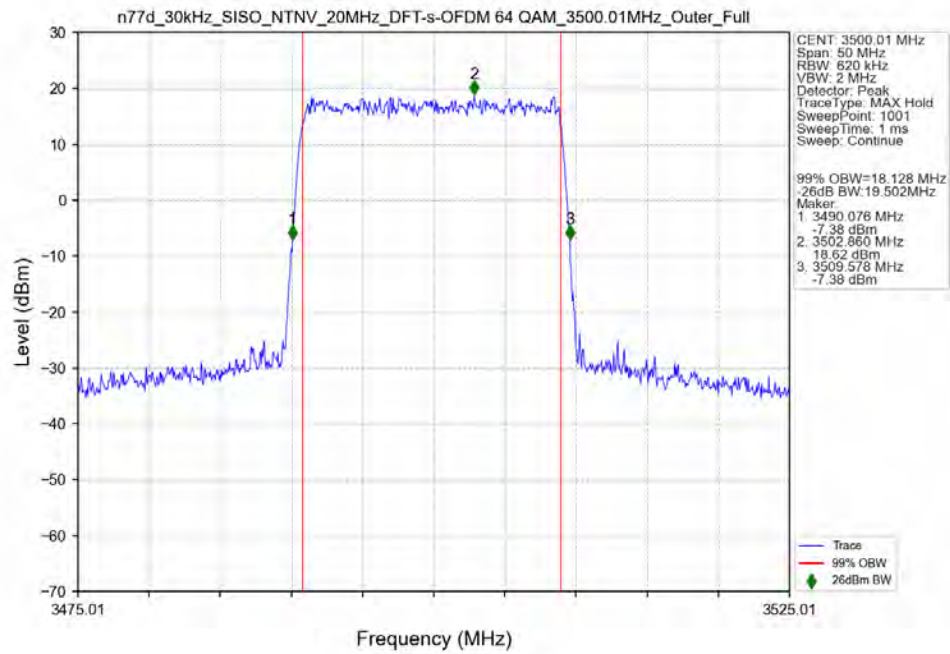
3.2.3 30k_SISO_20MHz_NTNV



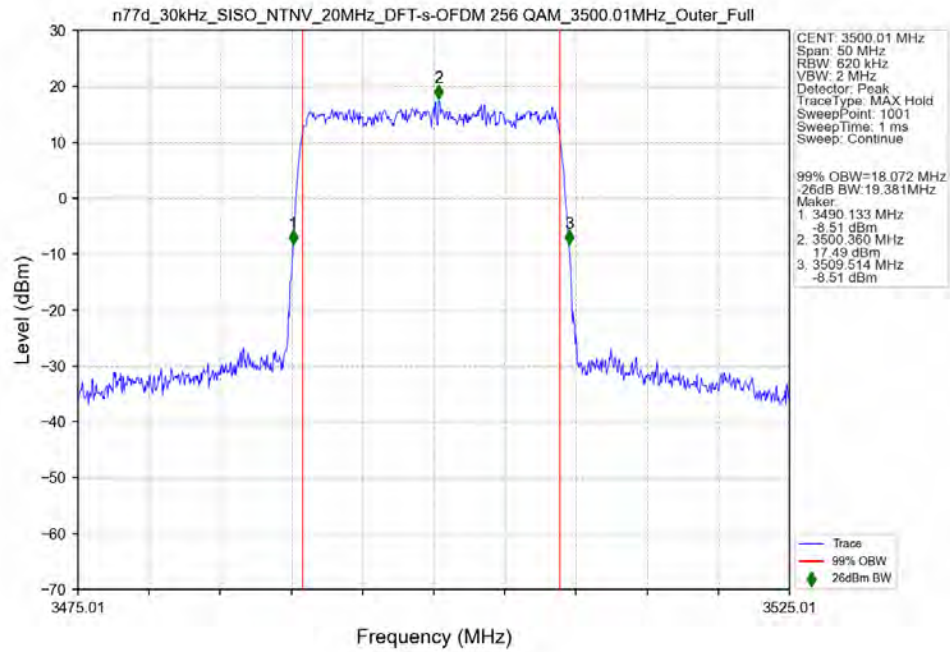
n77d_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3500.01MHz_Outer_Full_Ant0



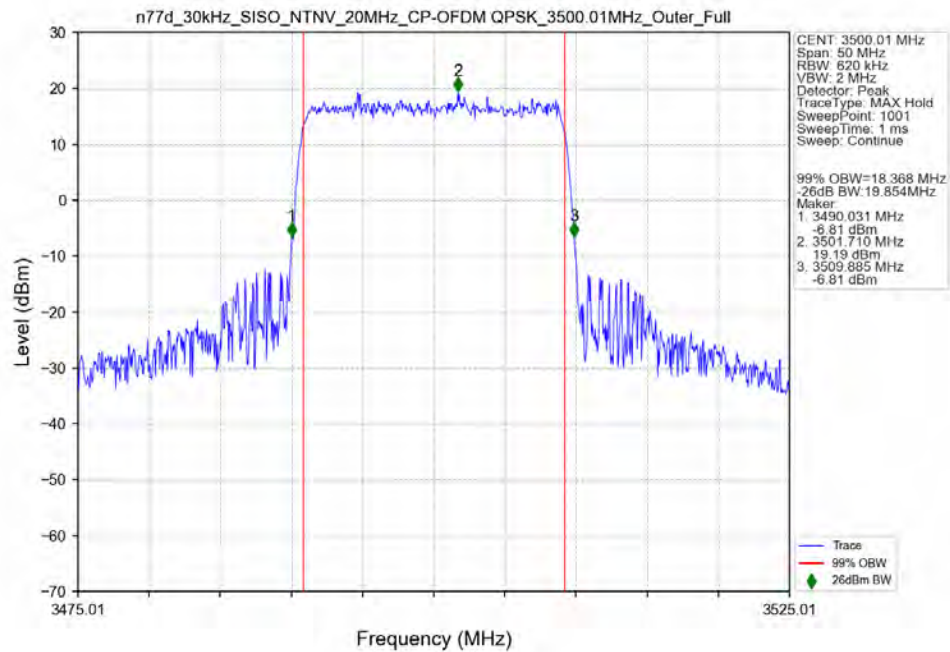
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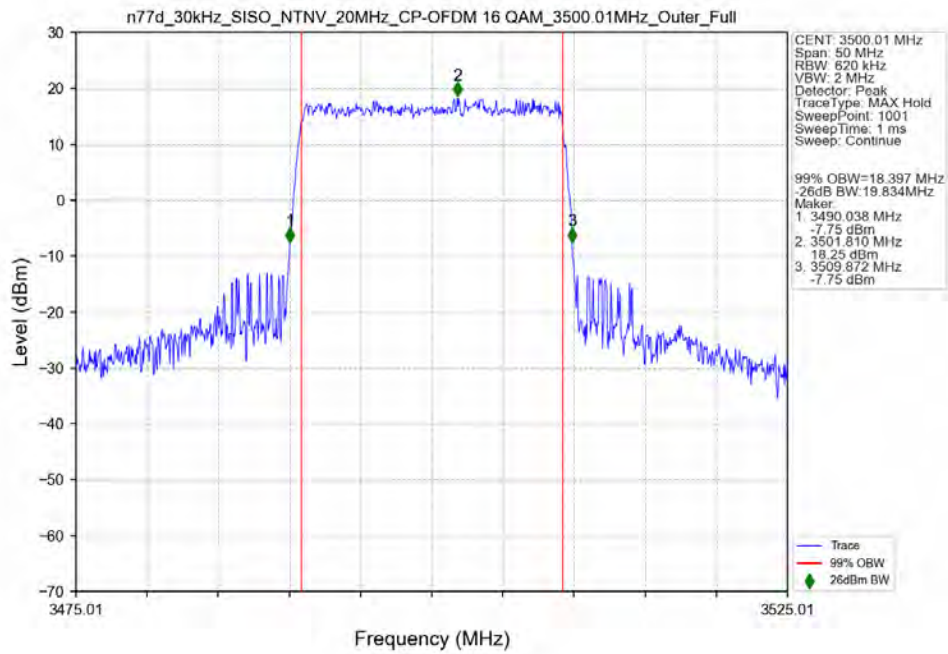
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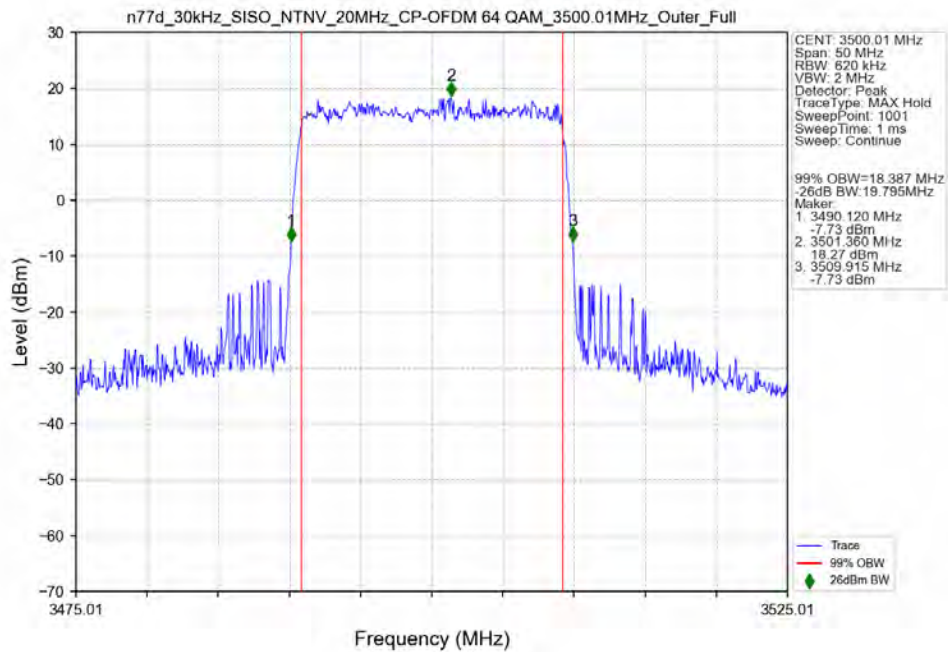
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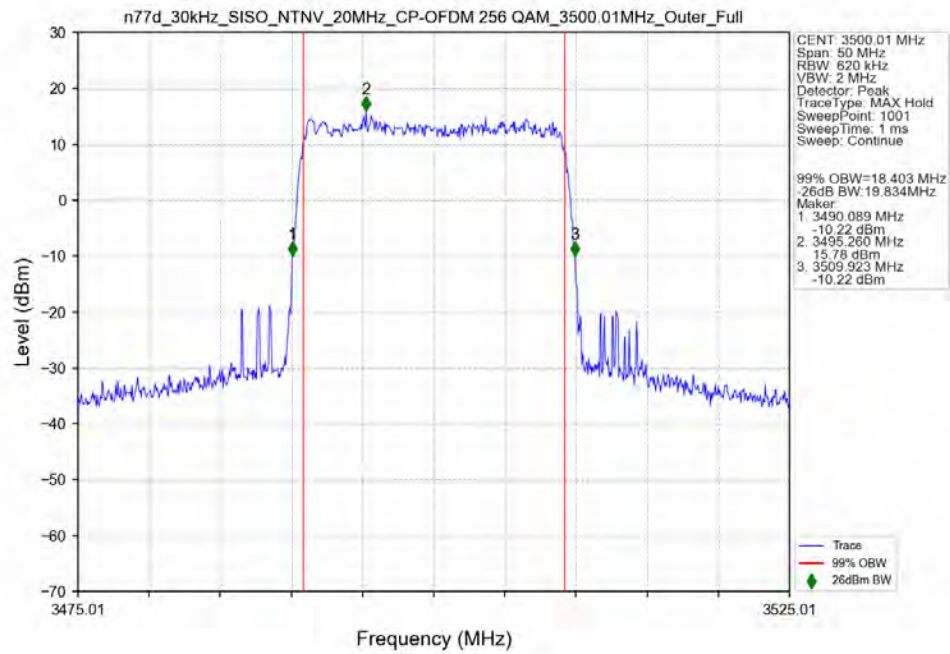
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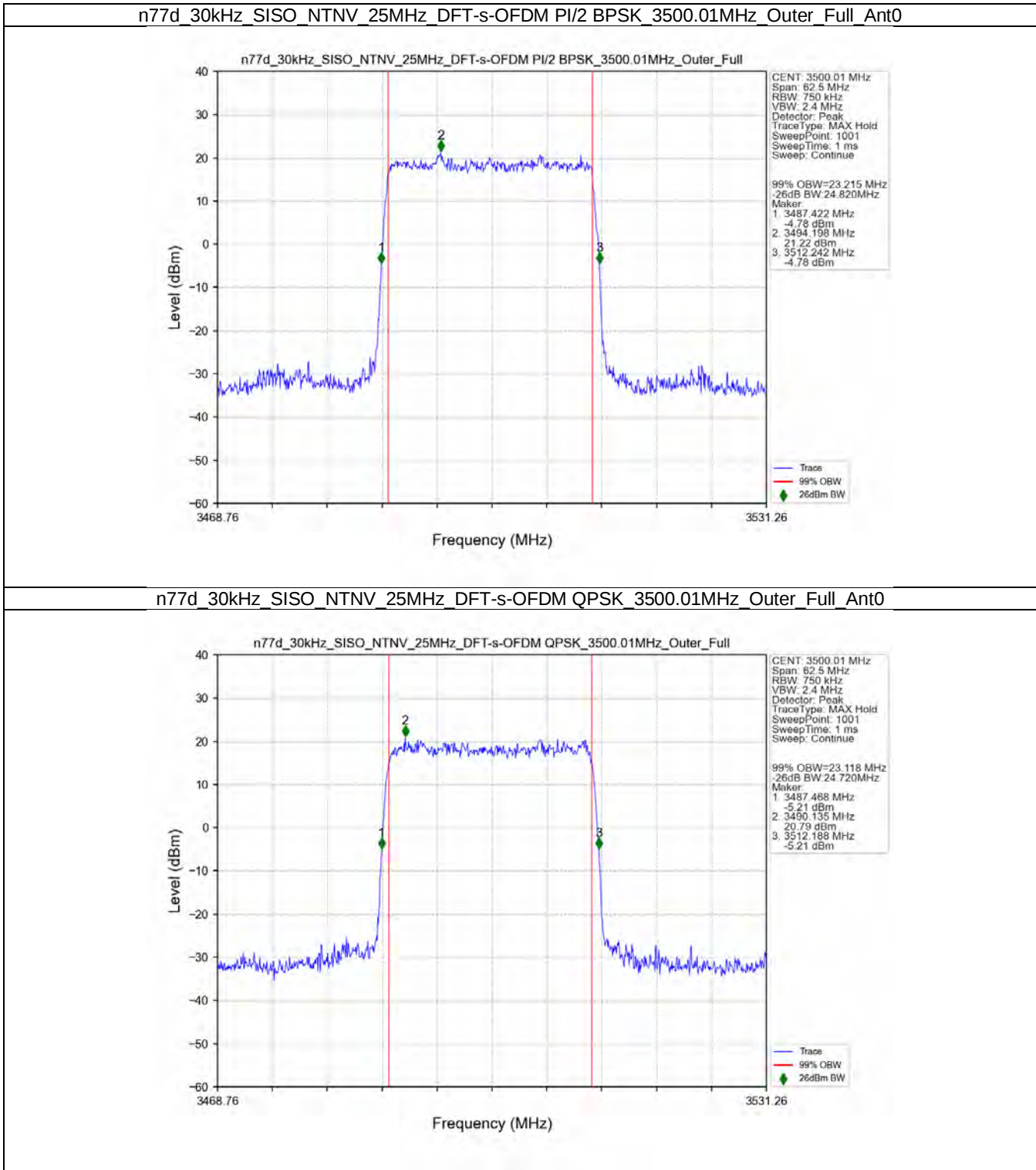
n77d_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 3500.01MHz Outer Full Ant0



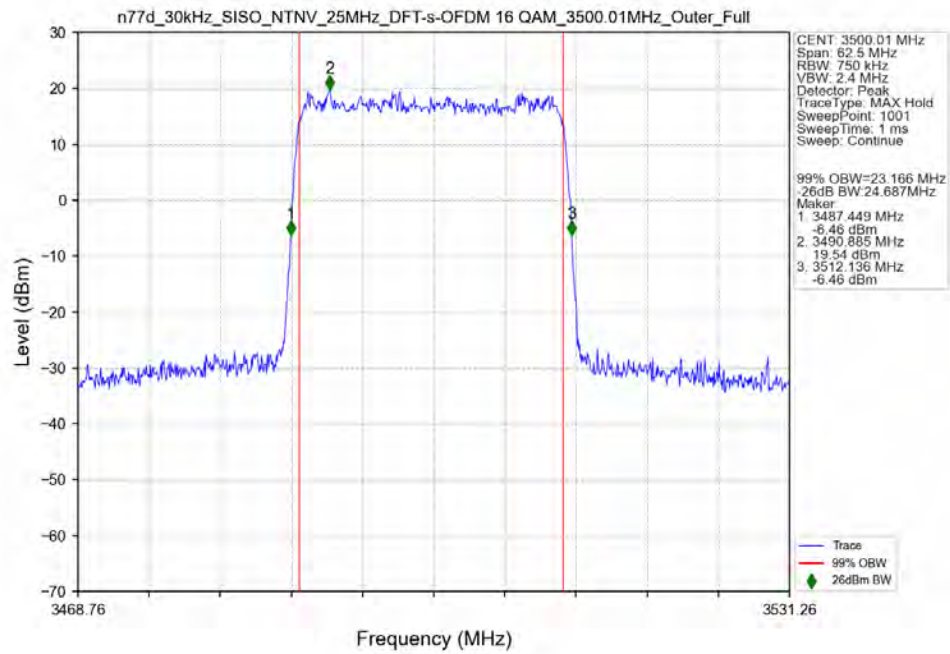
n77d 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant0



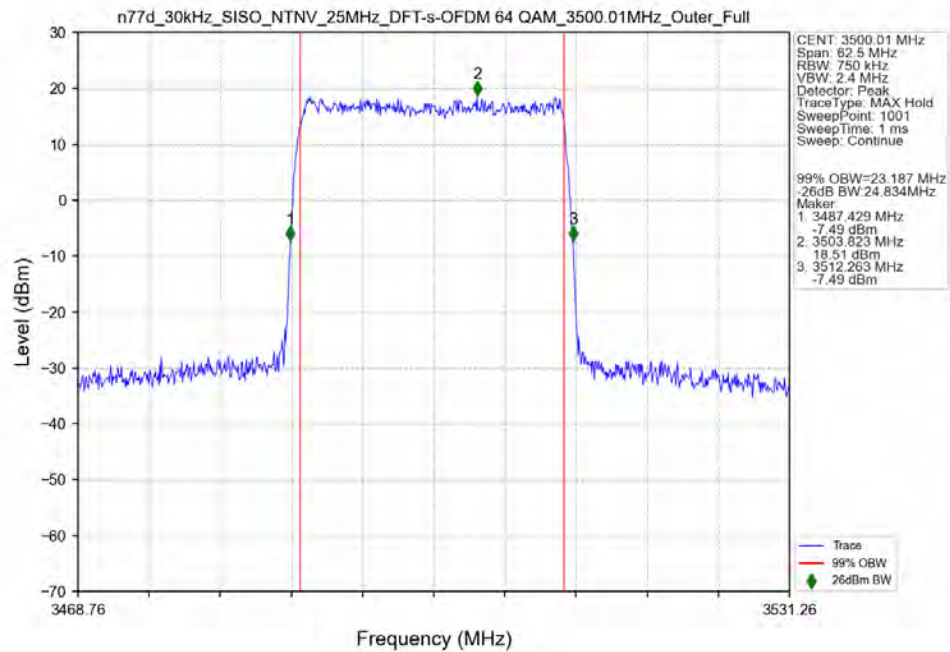
3.2.4 30k_SISO_25MHz_NTNV



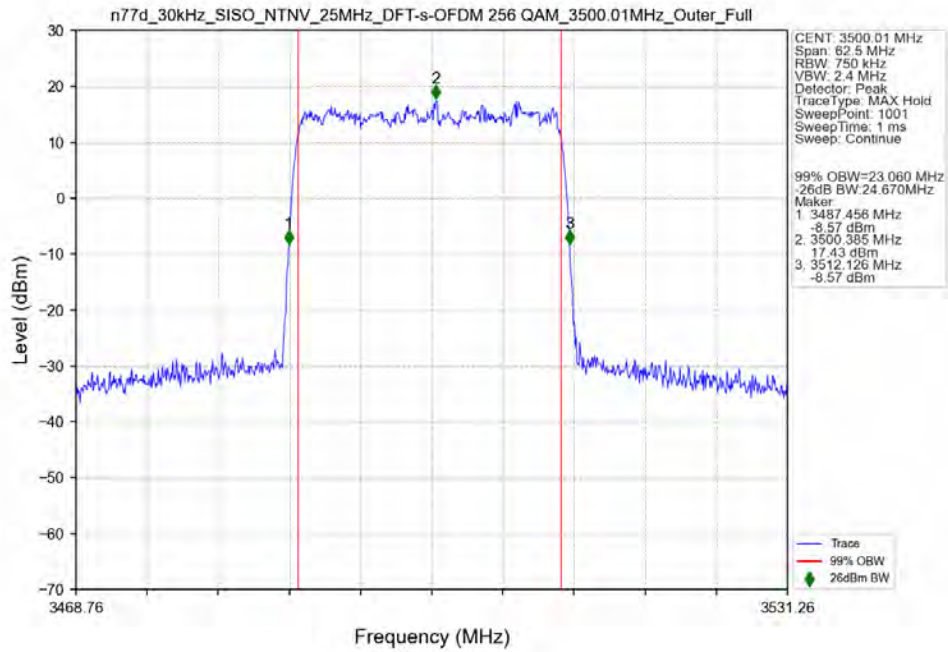
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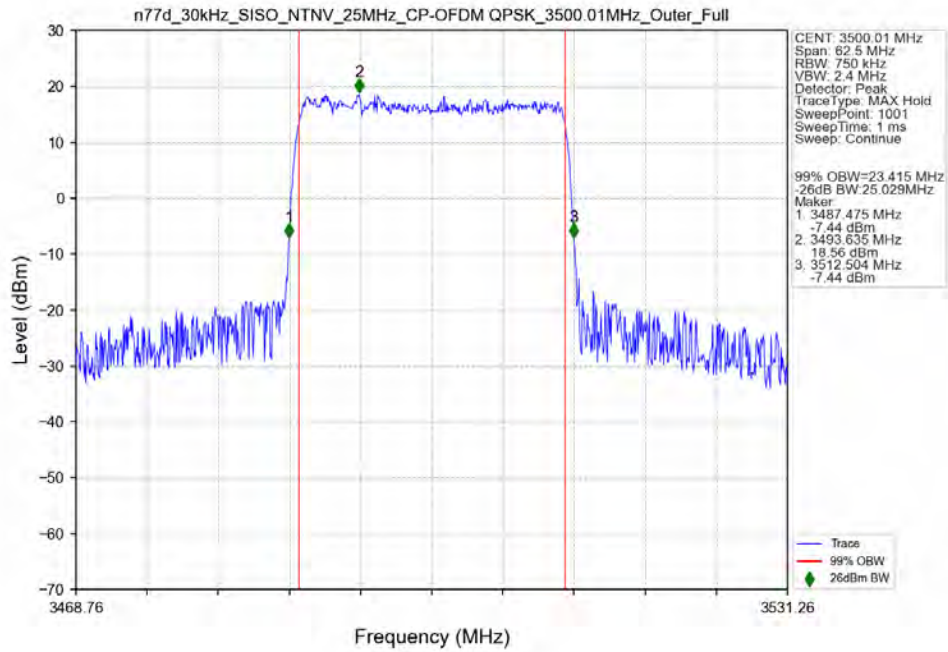
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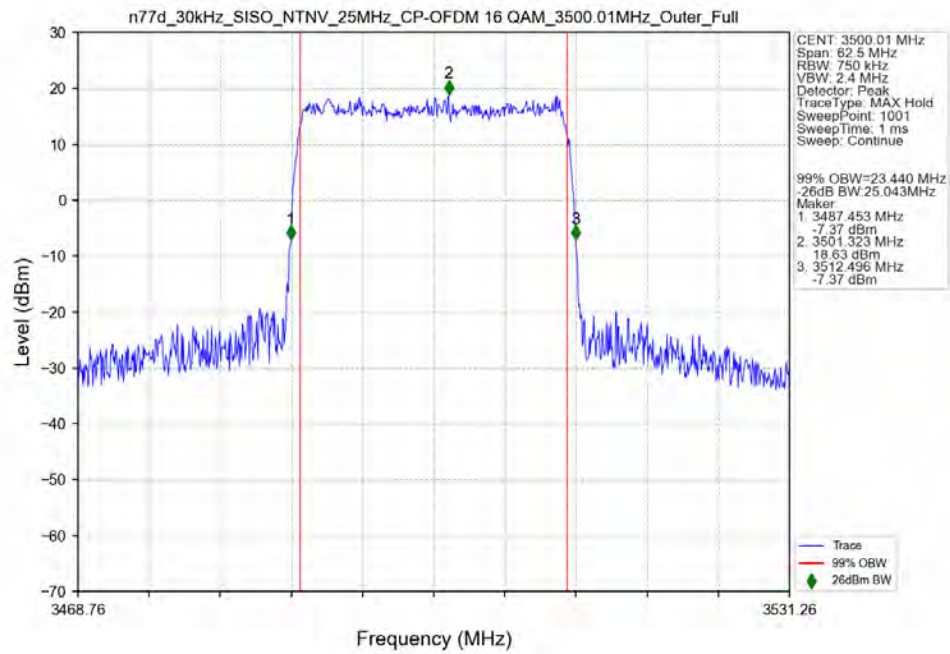
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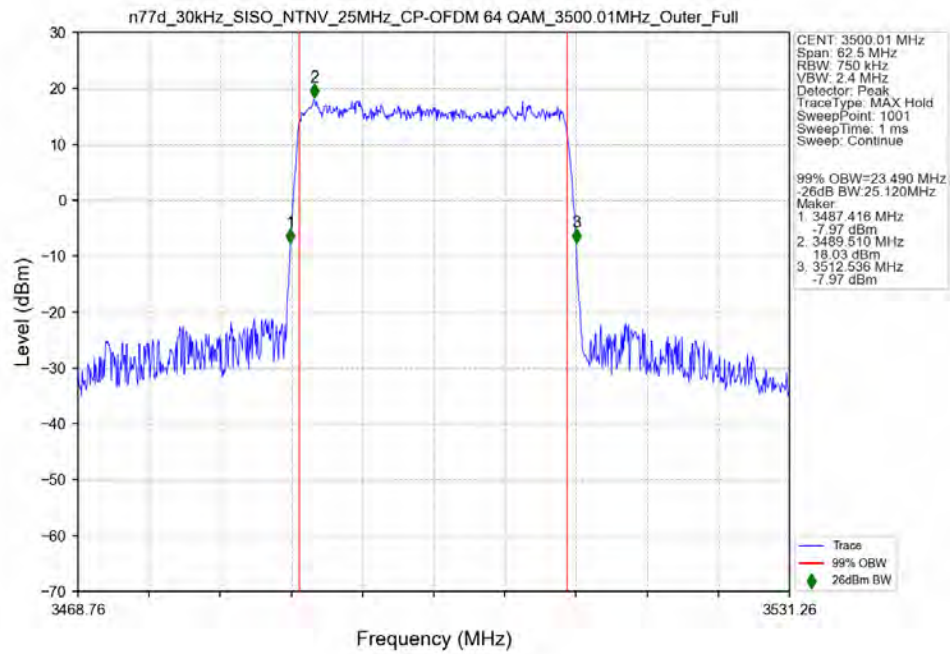
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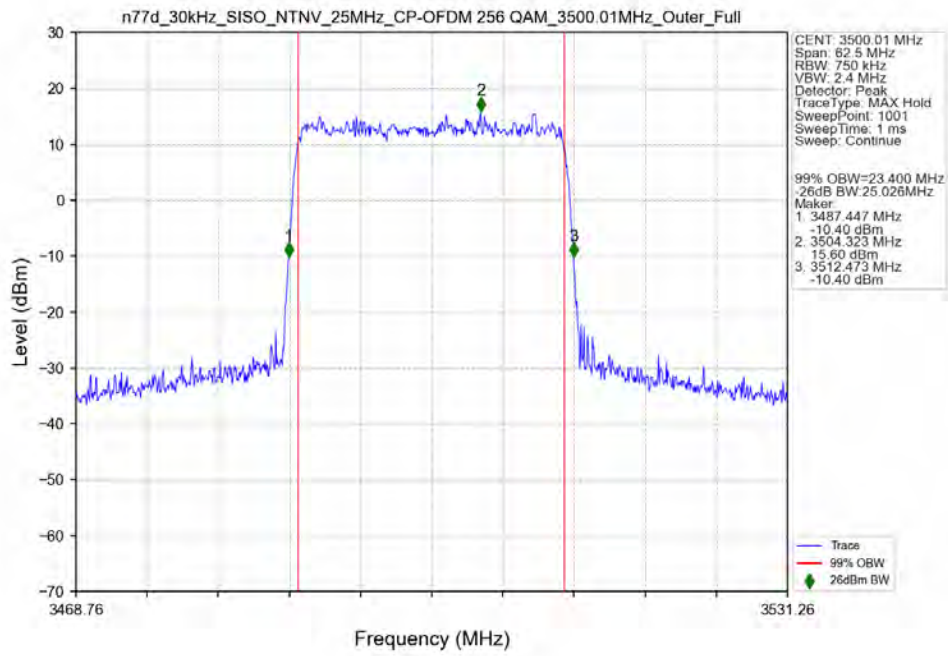
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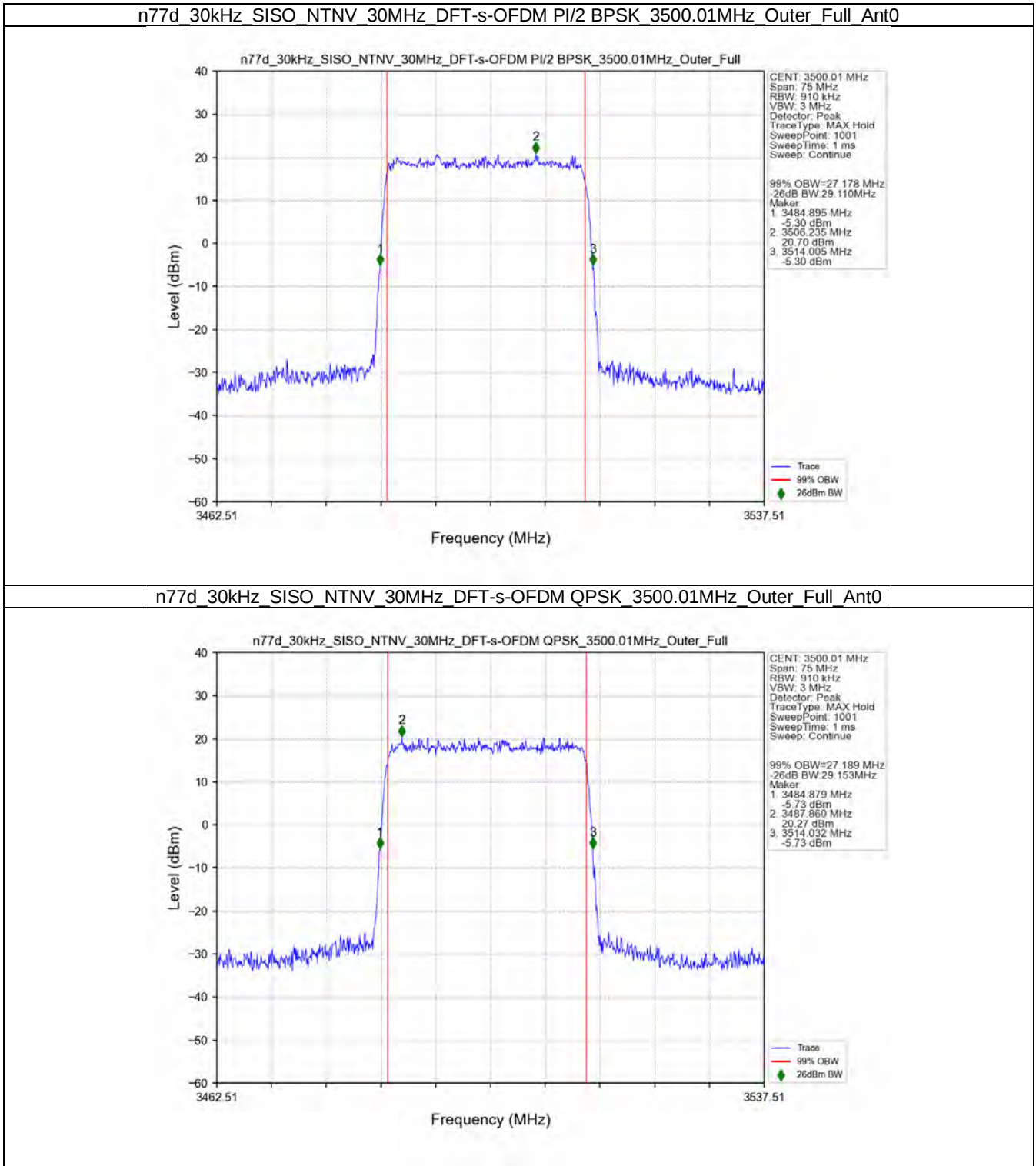
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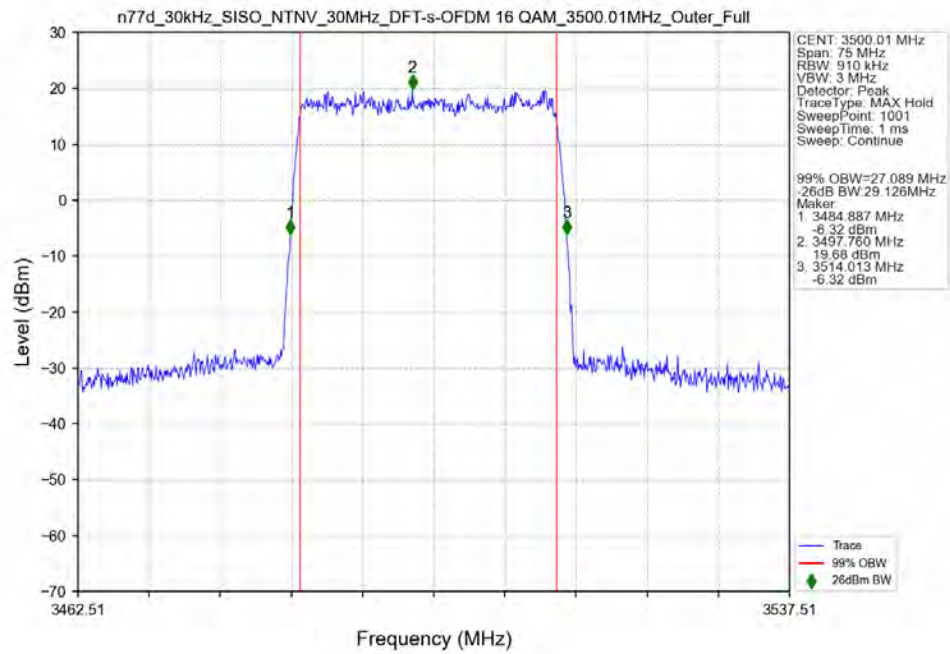
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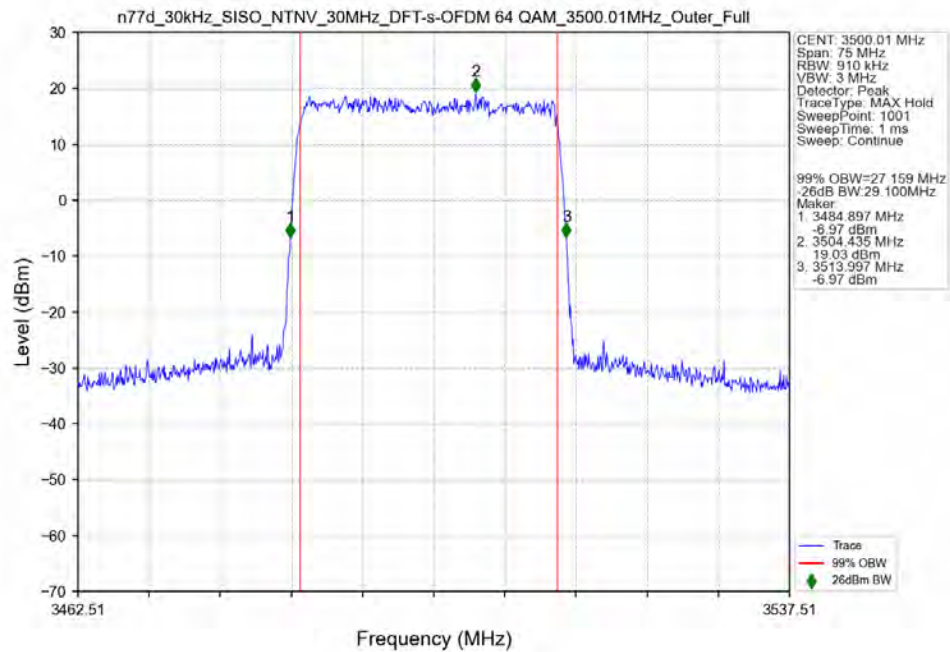
3.2.5 30k_SISO_30MHz_NTNV



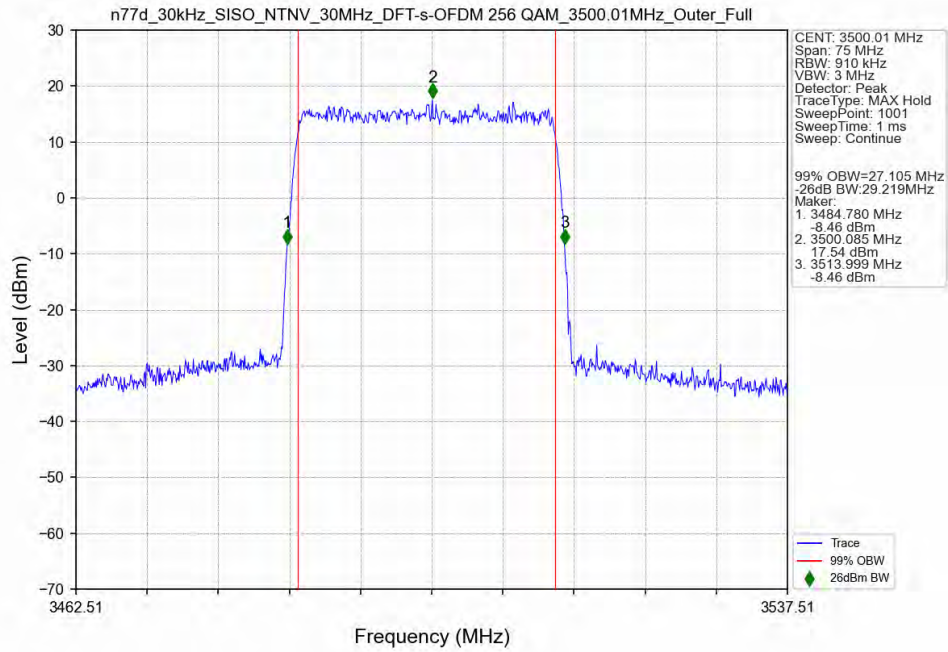
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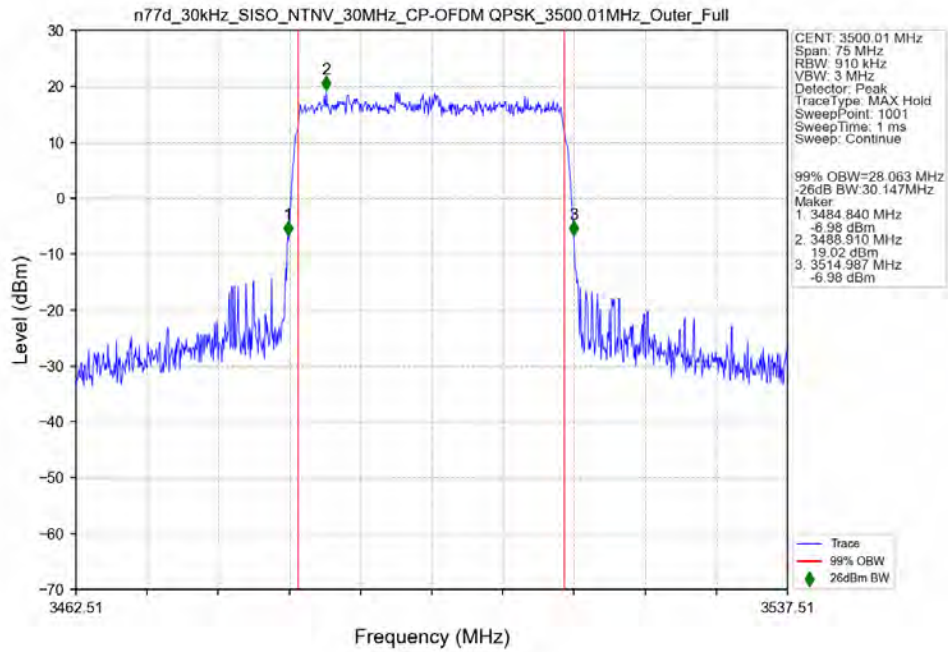
n77d 30kHz SISO NTNv 30MHz DFT-s-OFDM 64 QAM 3500.01MHz Outer Full Ant0



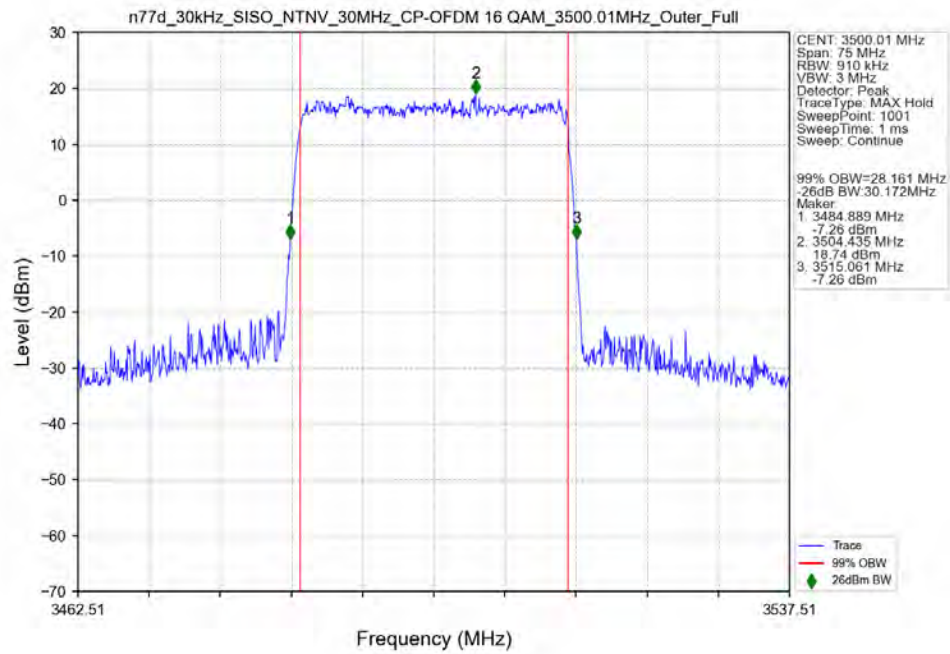
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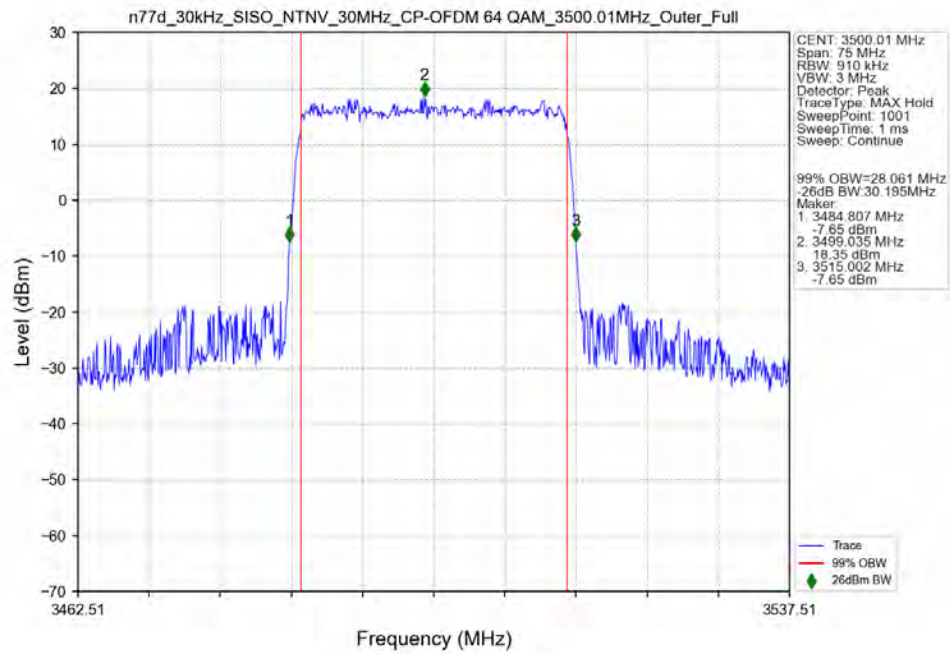
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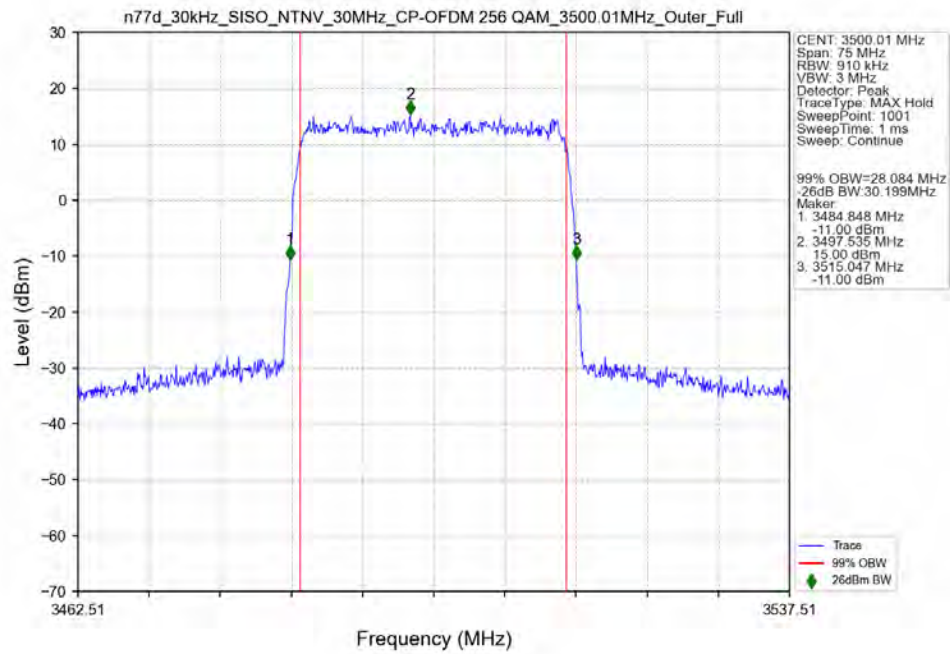
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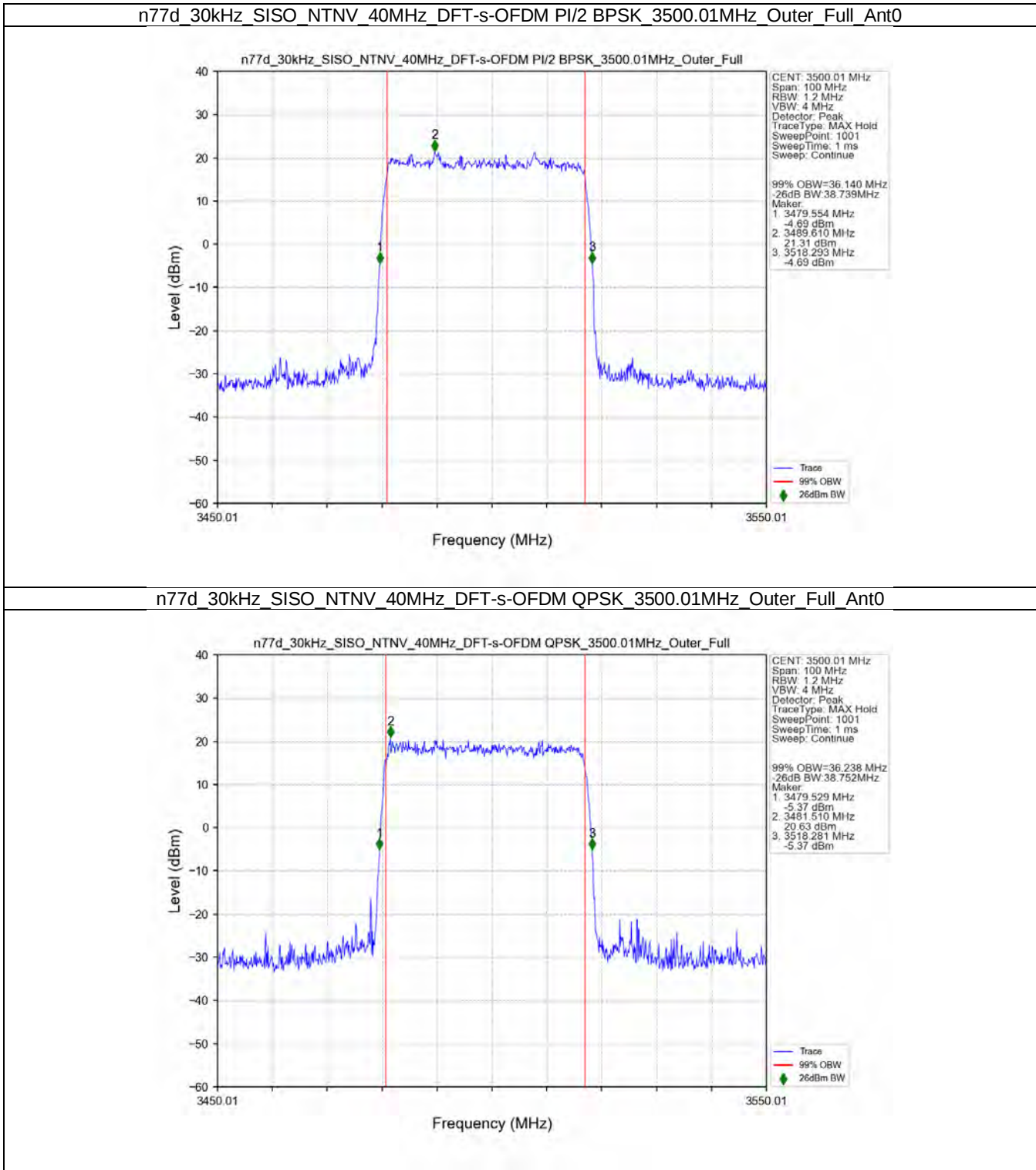
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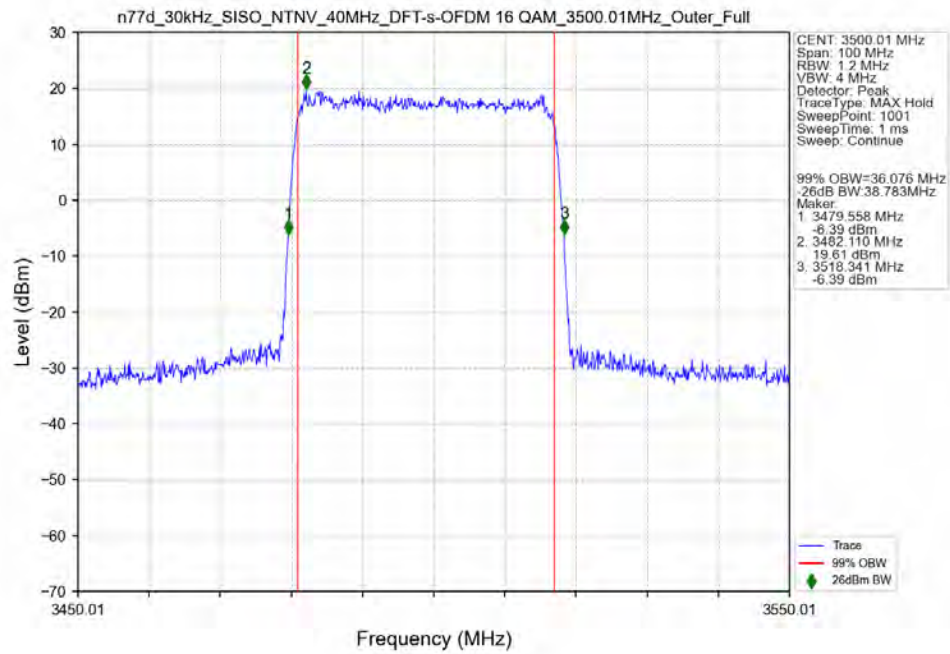
n77d 30kHz SISO NTN 30MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant0



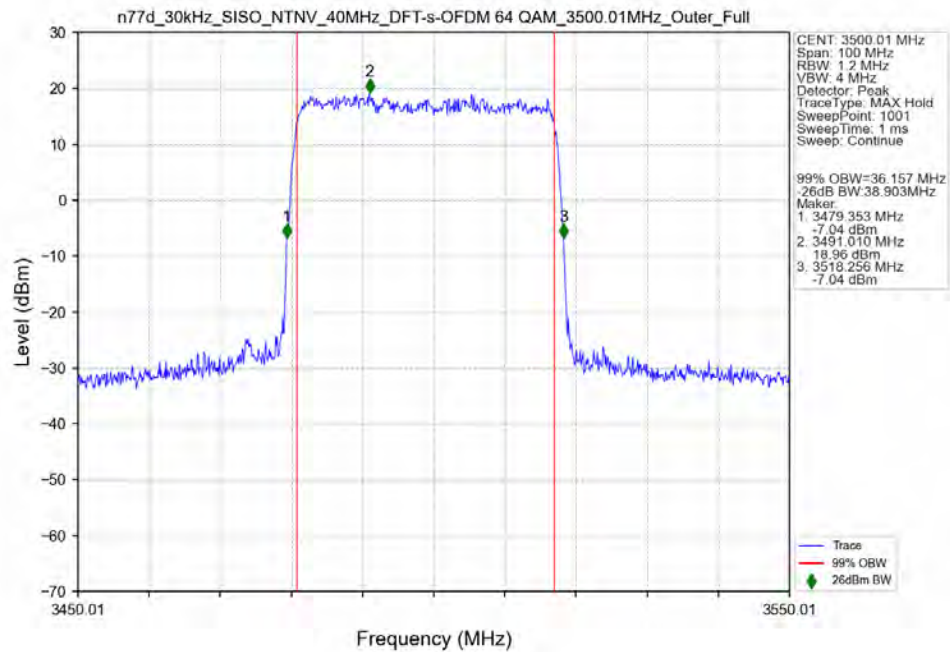
3.2.6 30k_SISO_40MHz_NTNV



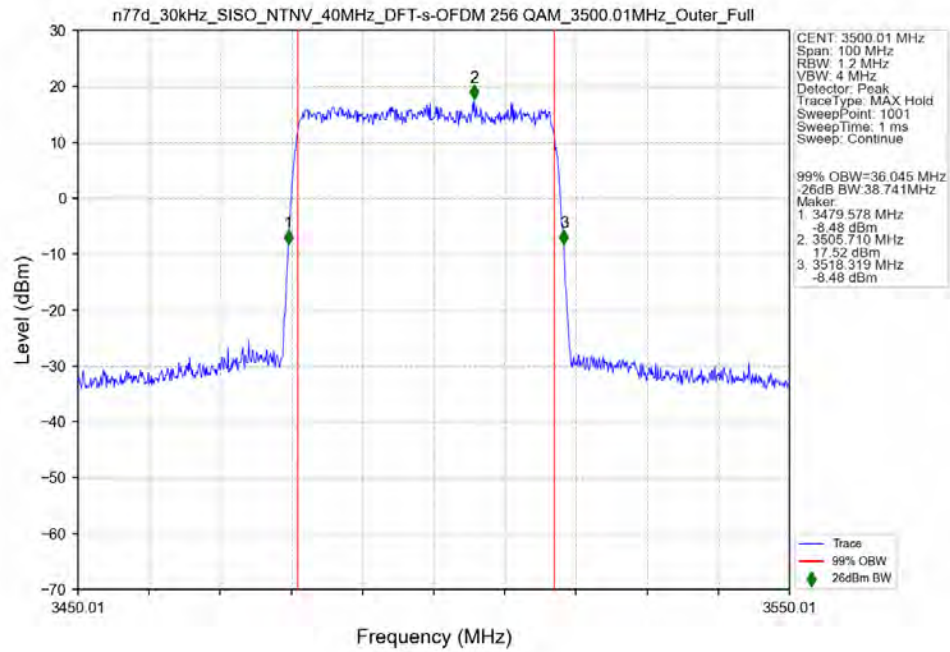
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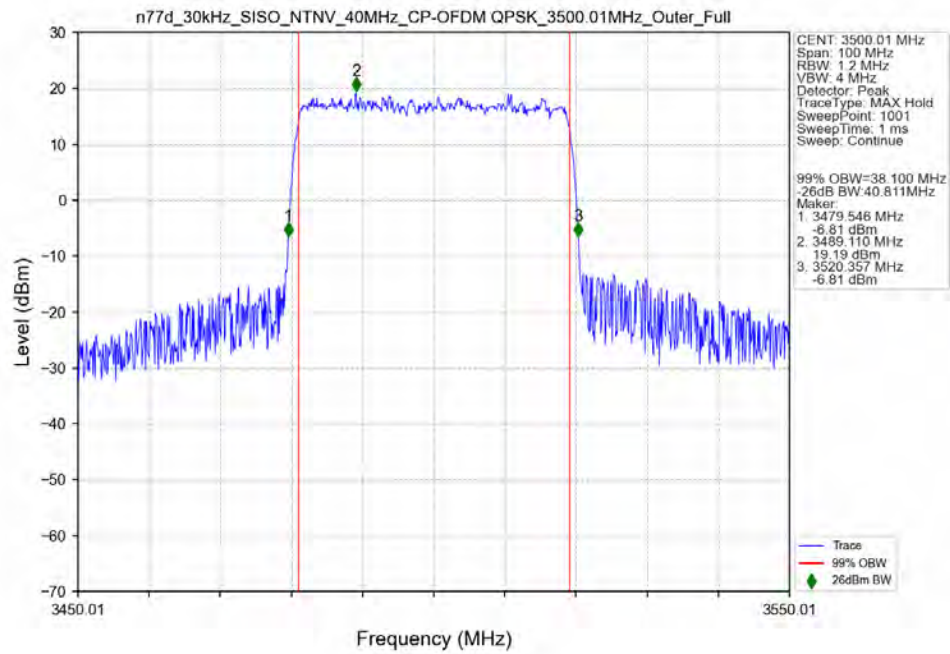
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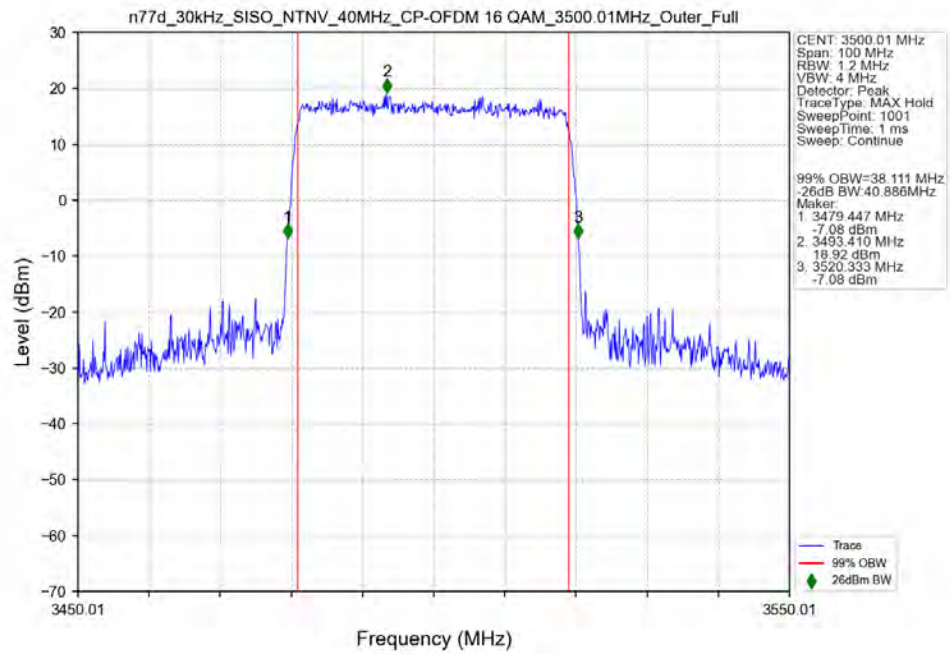
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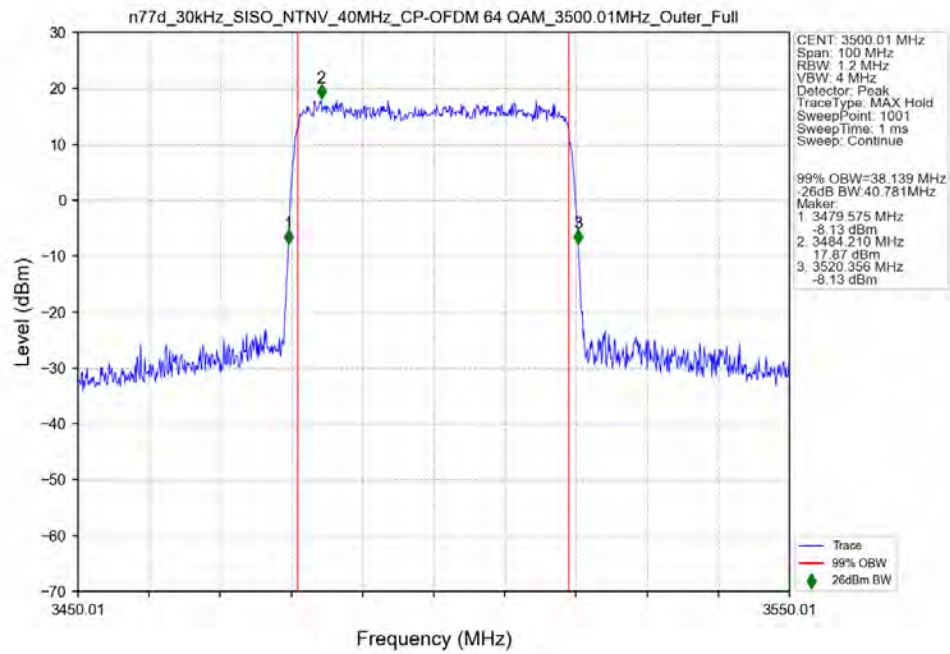
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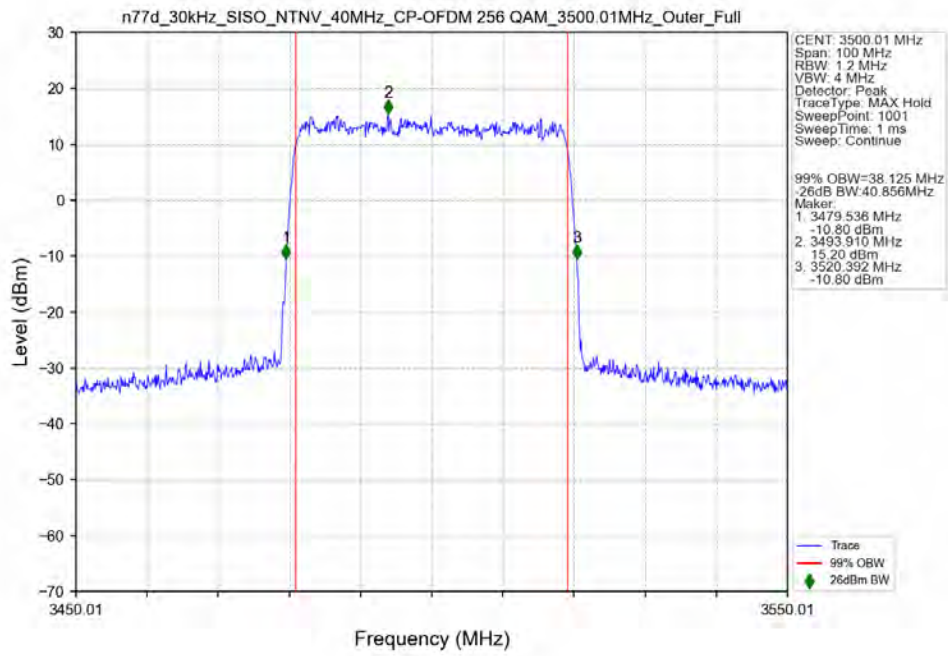
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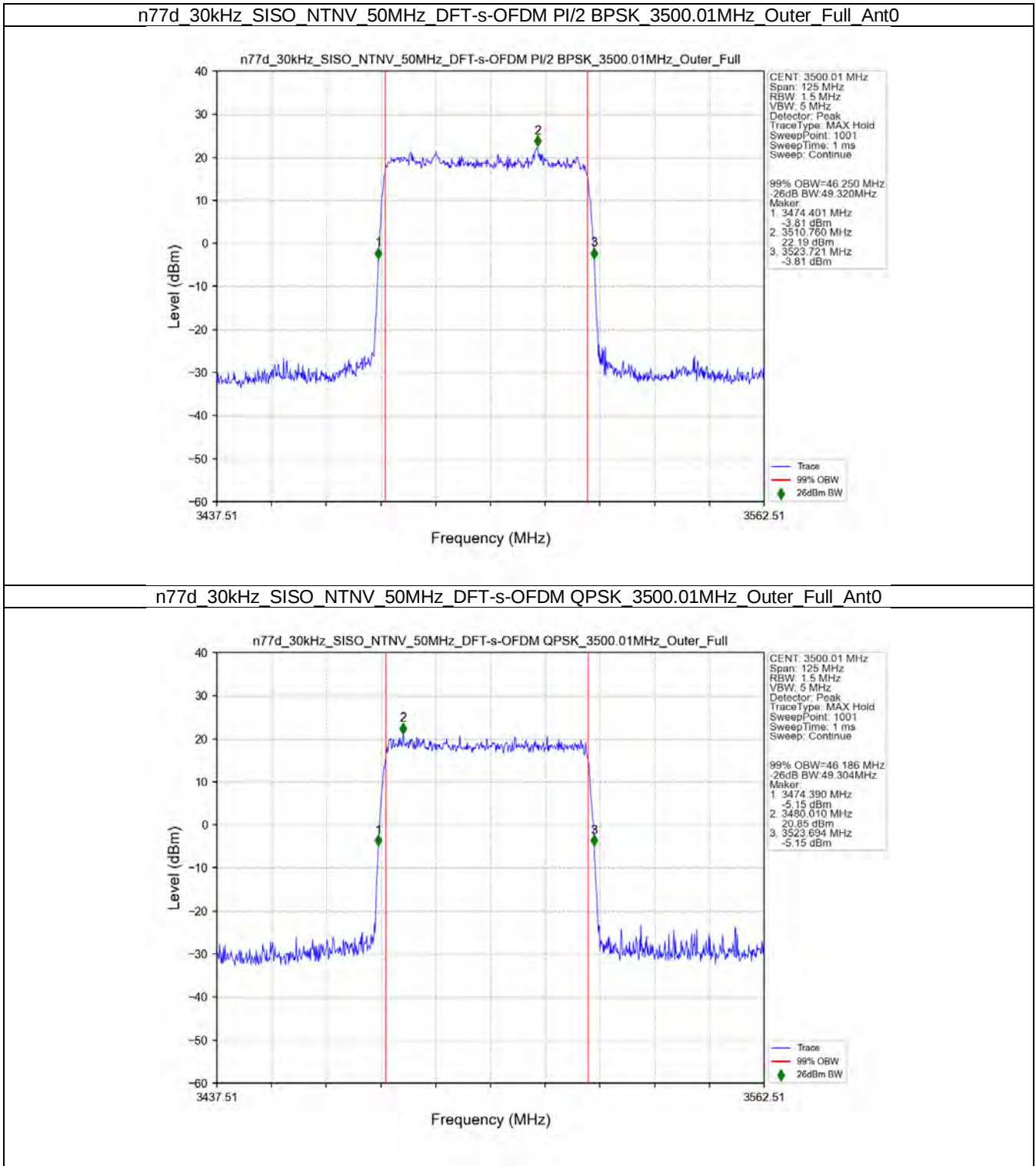
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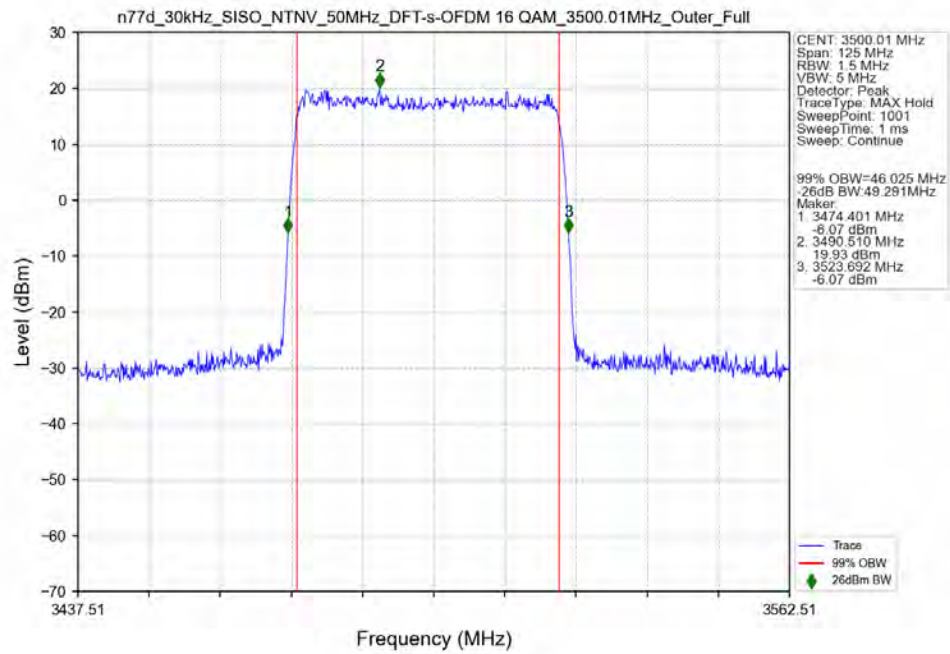
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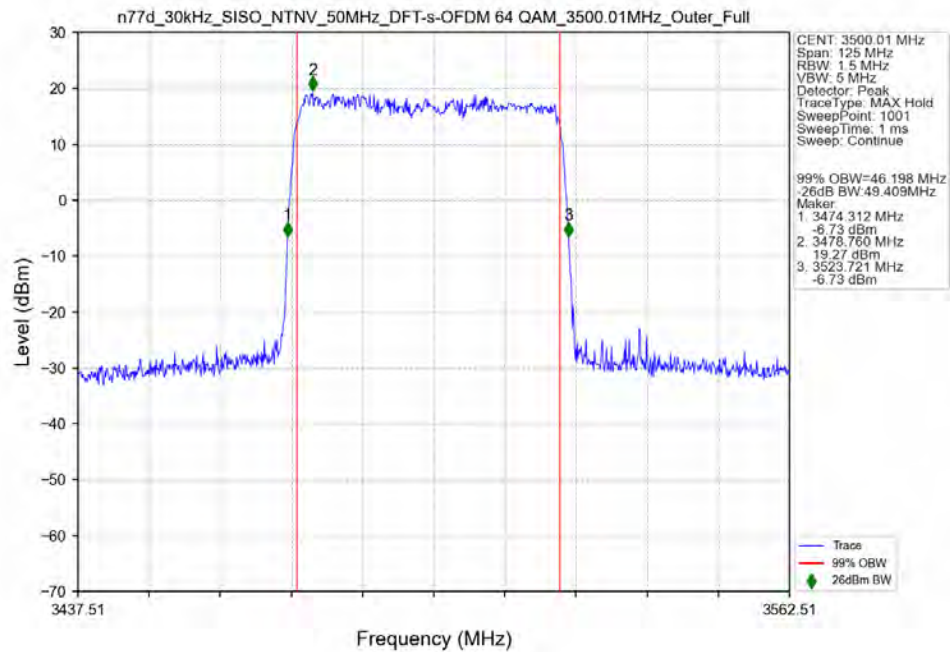
3.2.7 30k_SISO_50MHz_NTNV



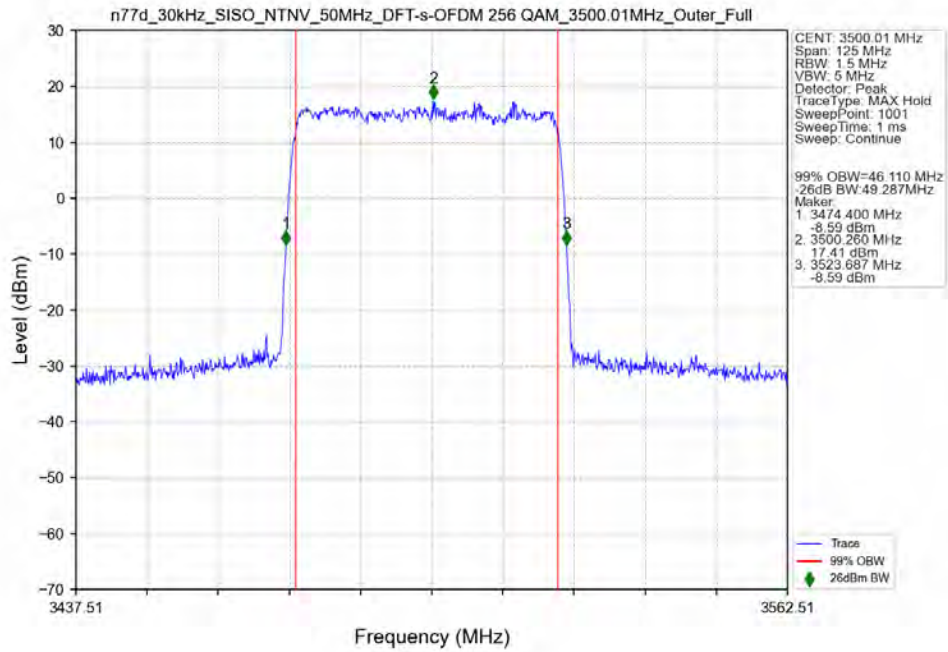
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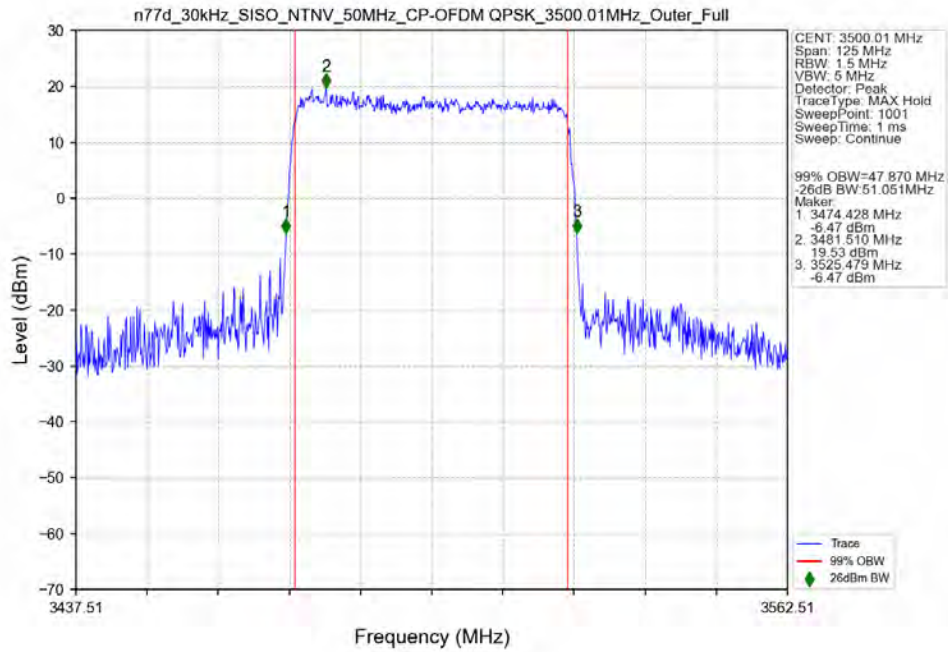
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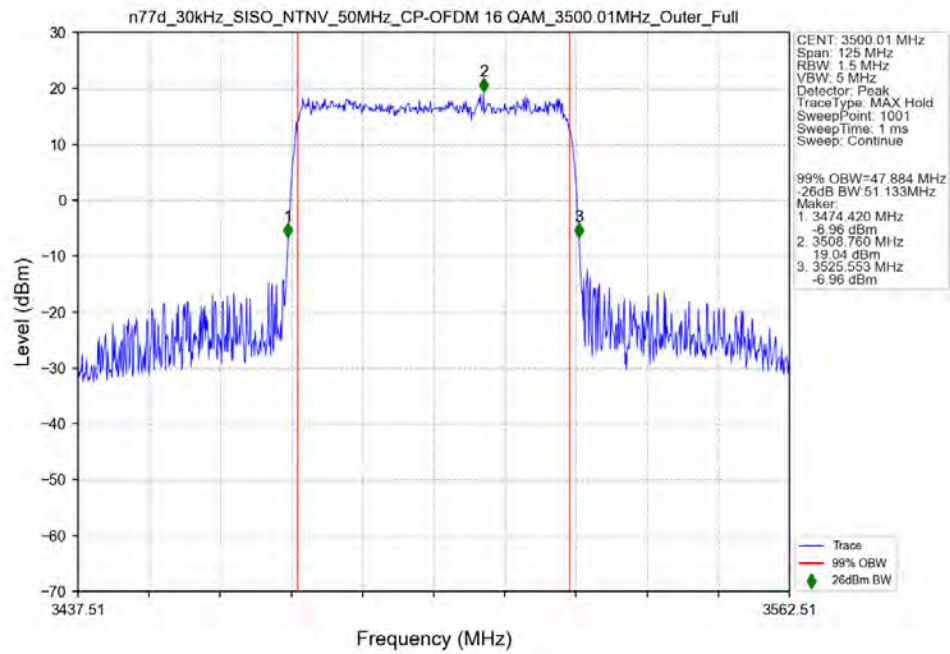
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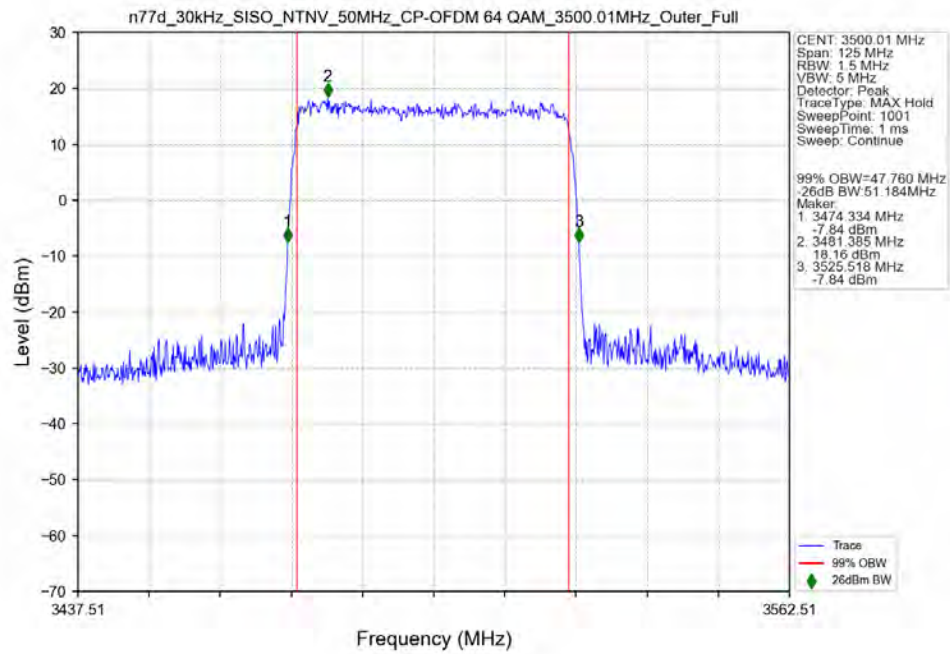
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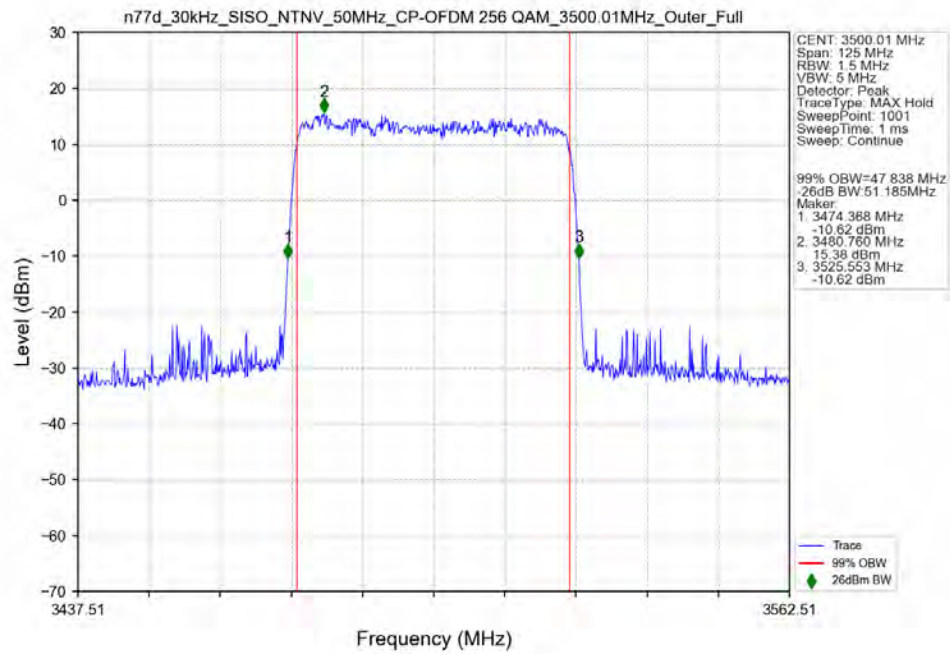
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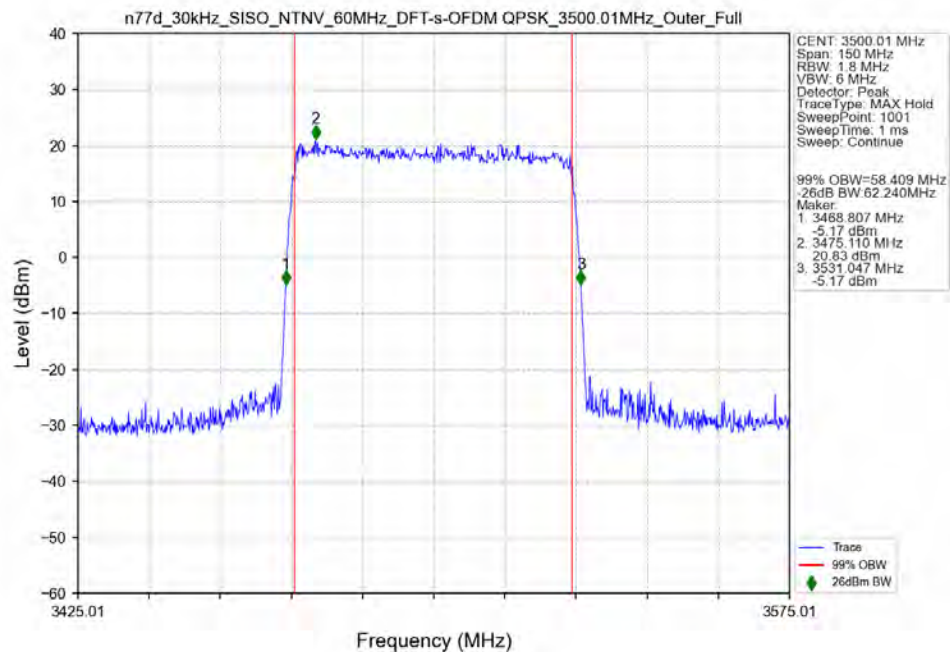
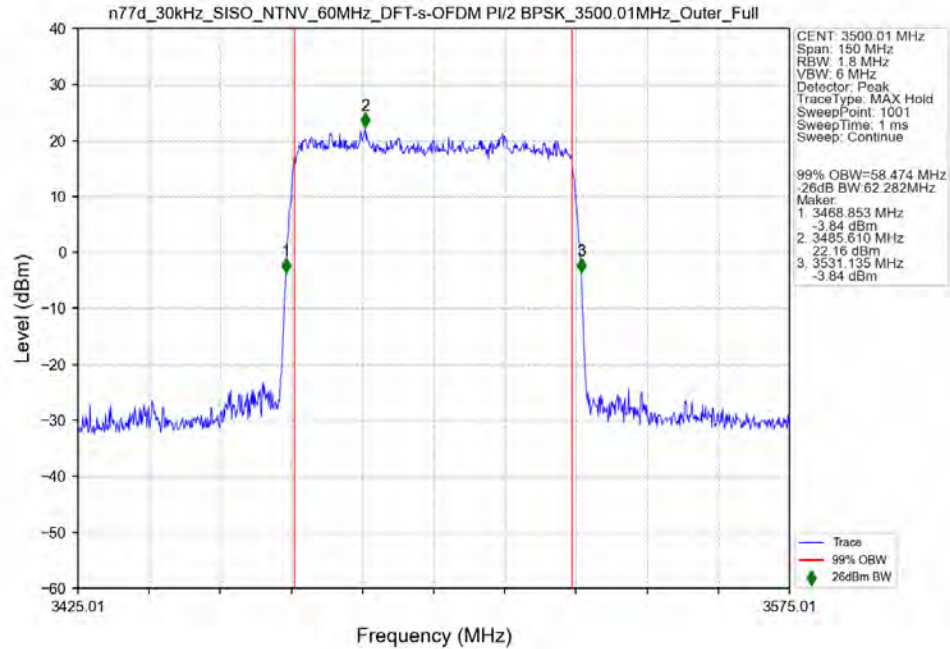
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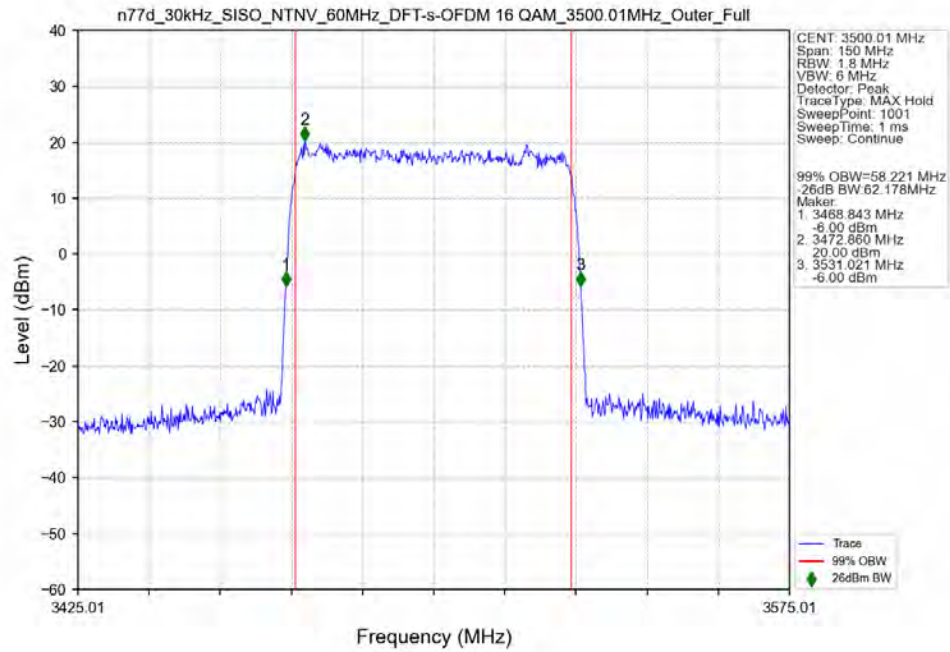
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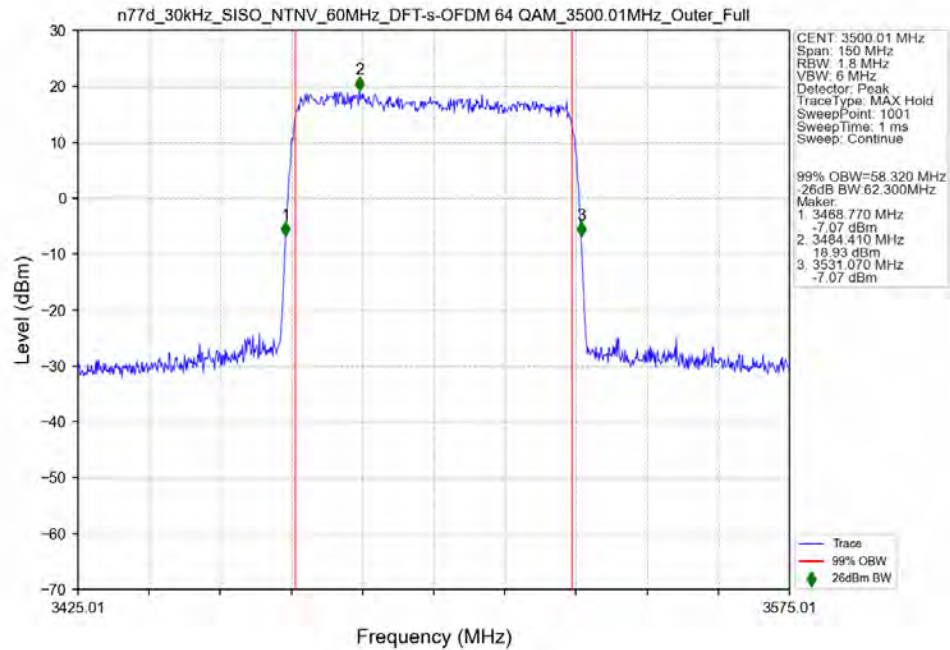
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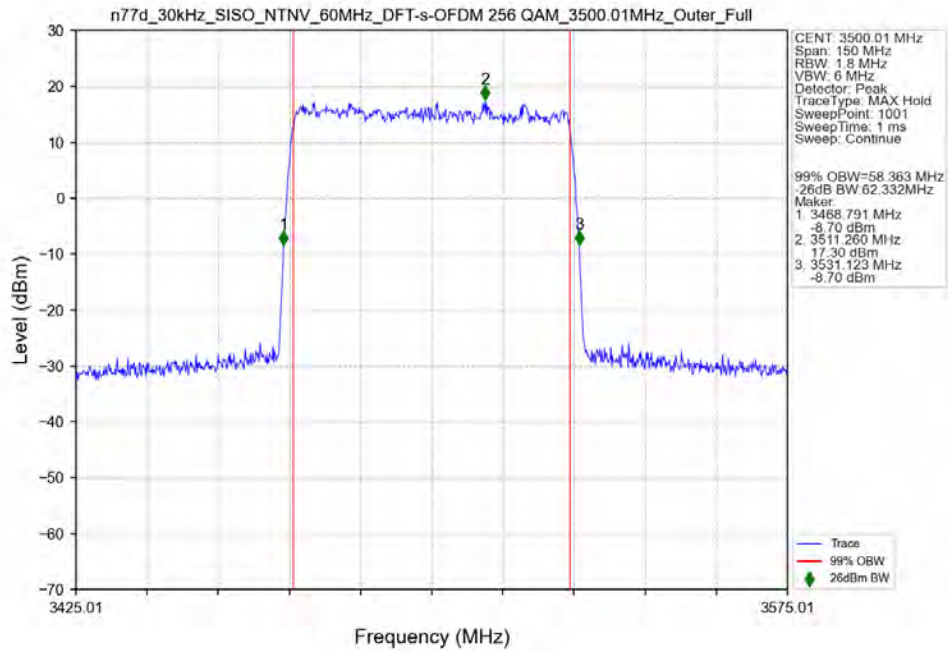
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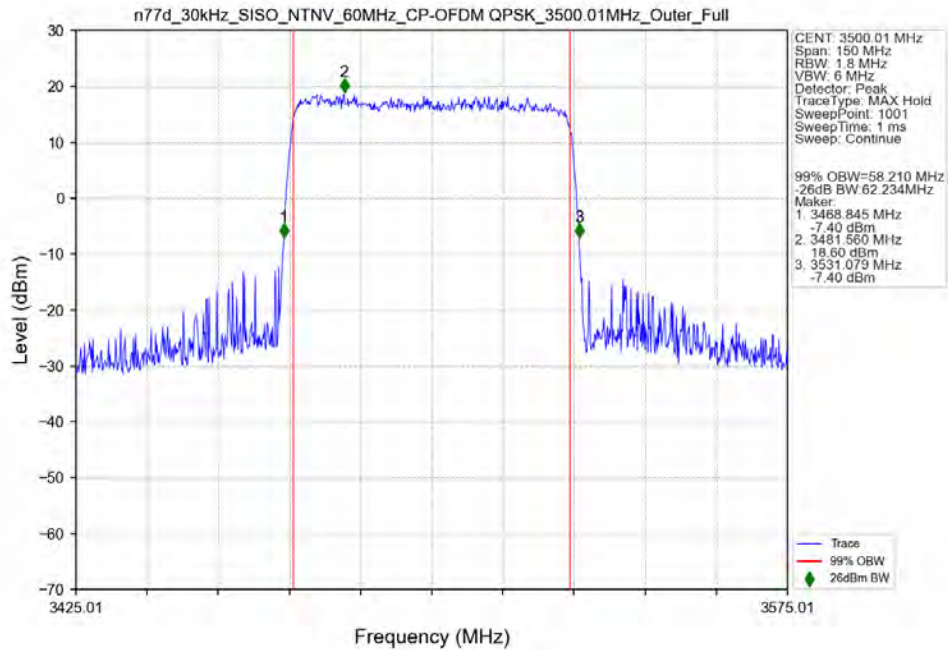
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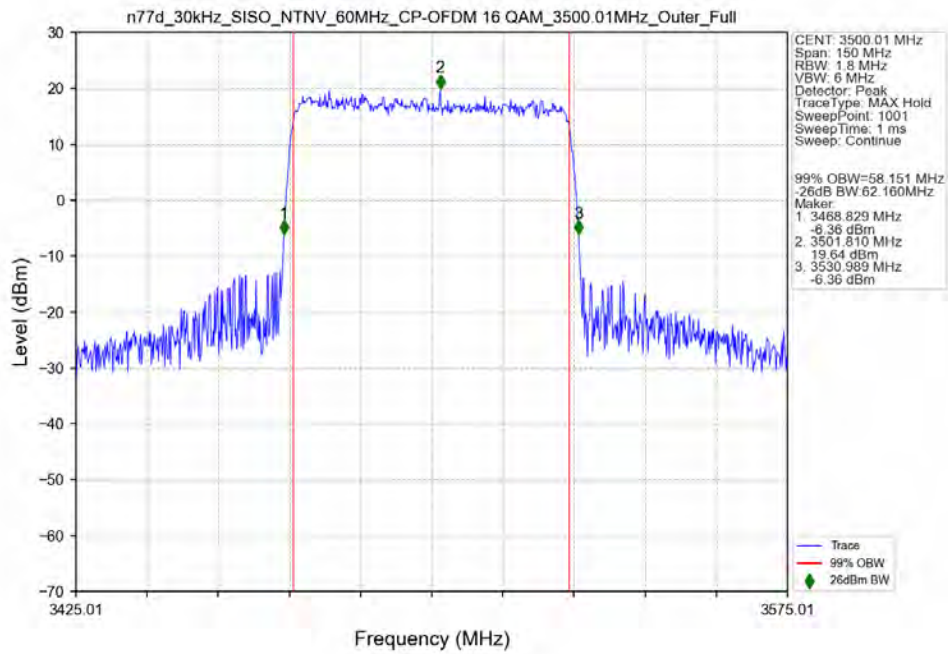
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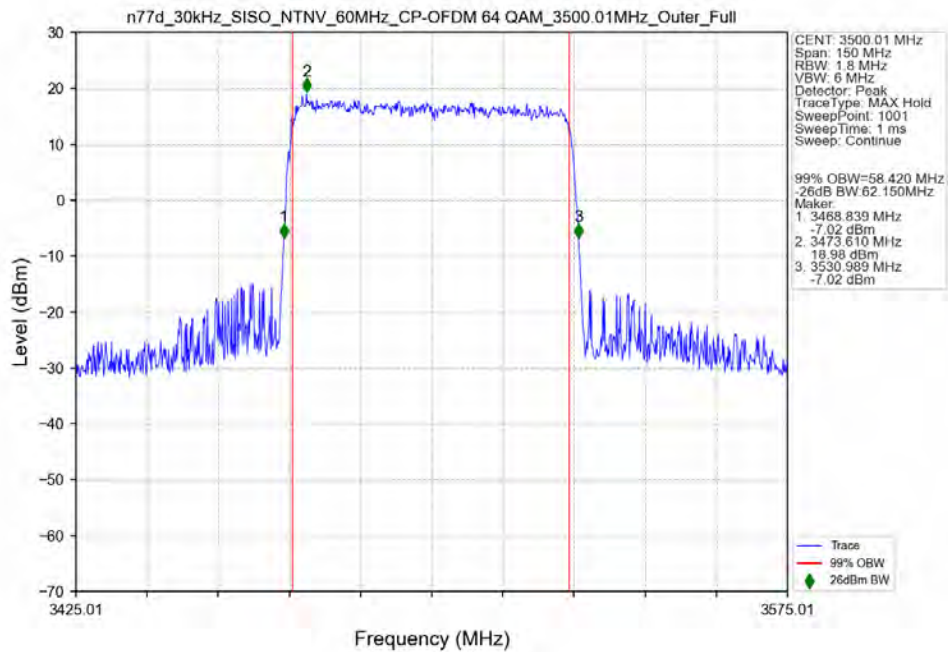
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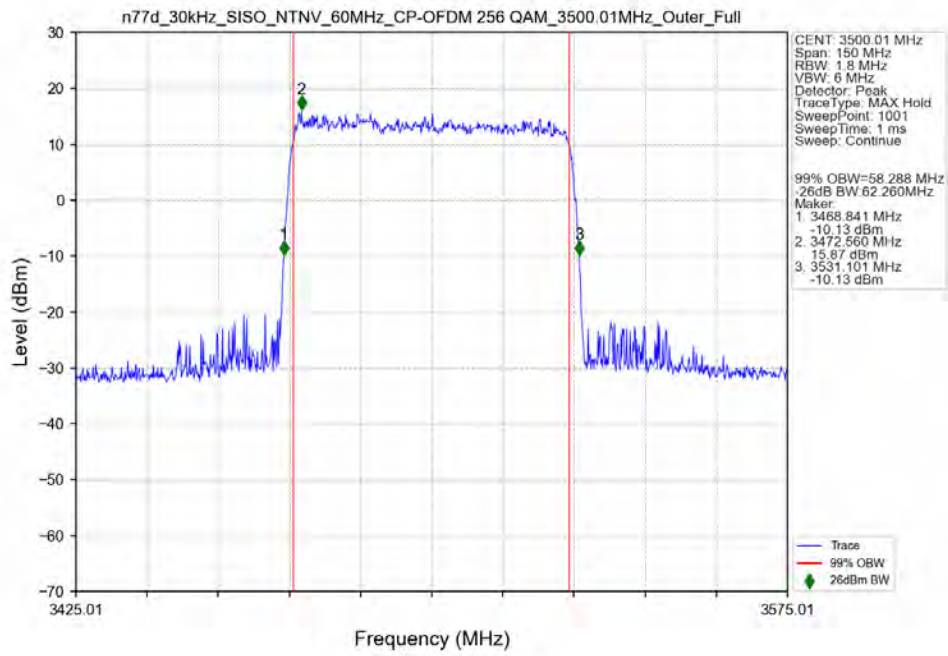
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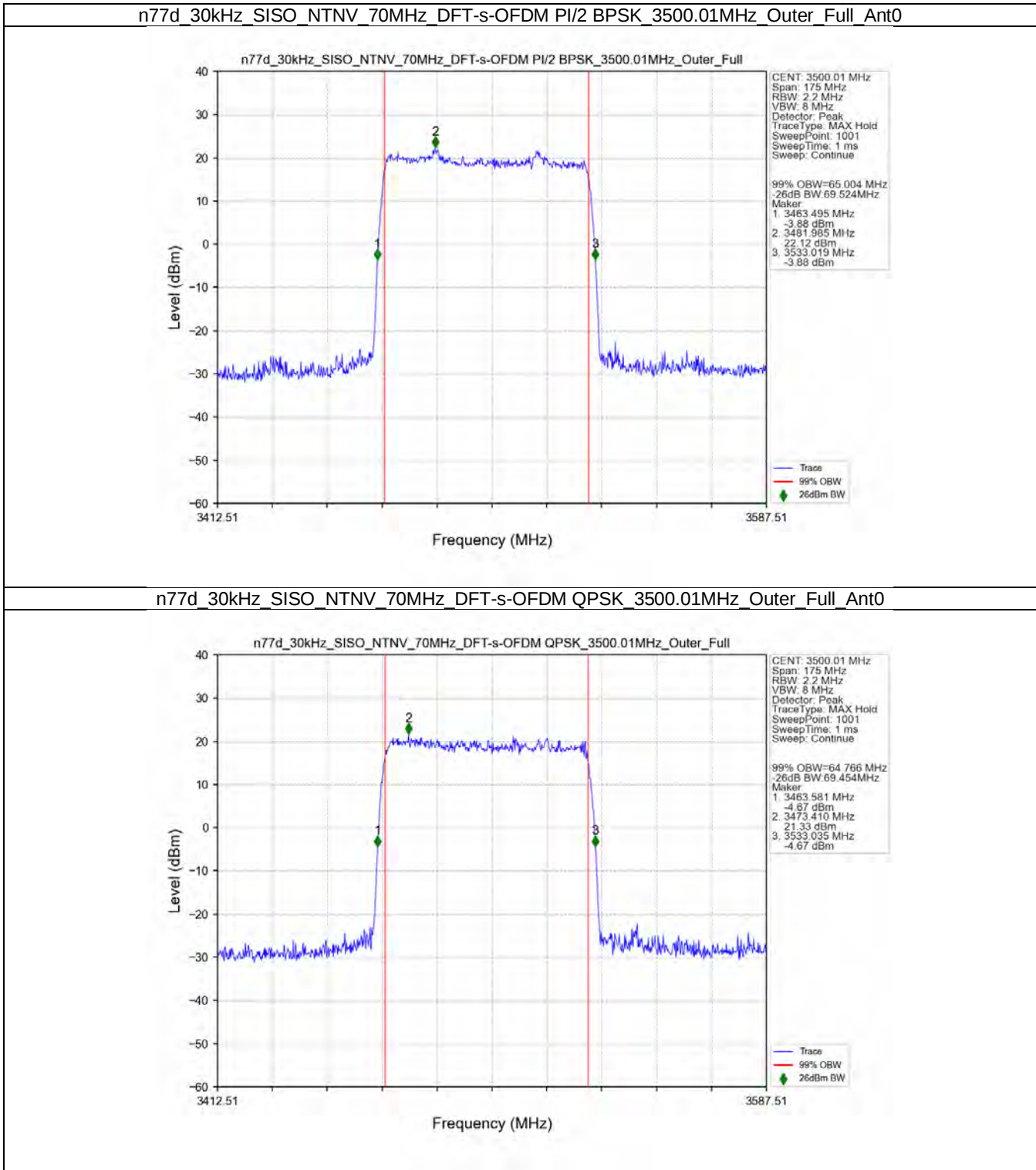
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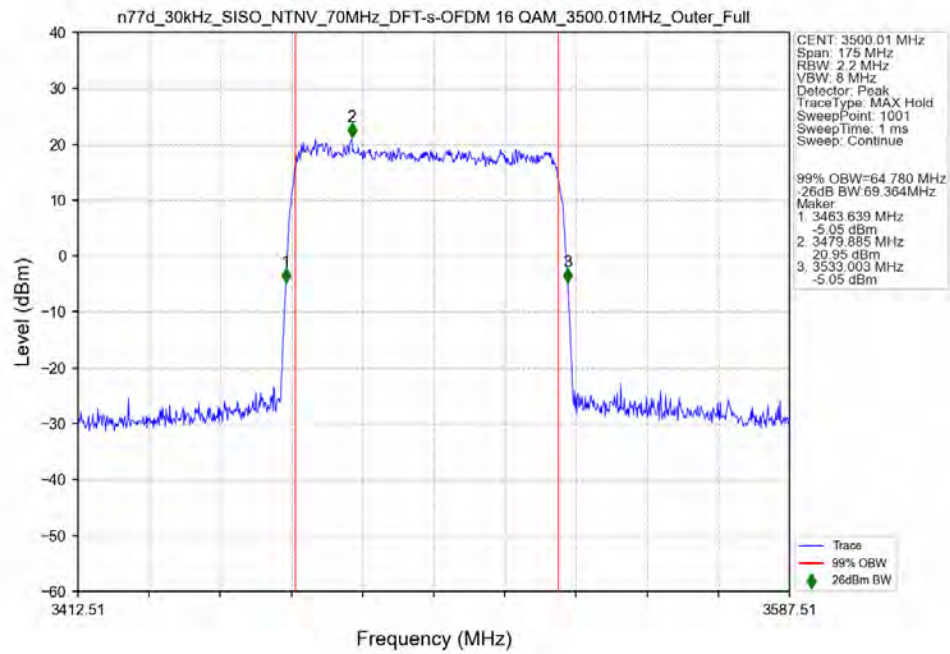
n77d 30kHz SISO NTN 60MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant0



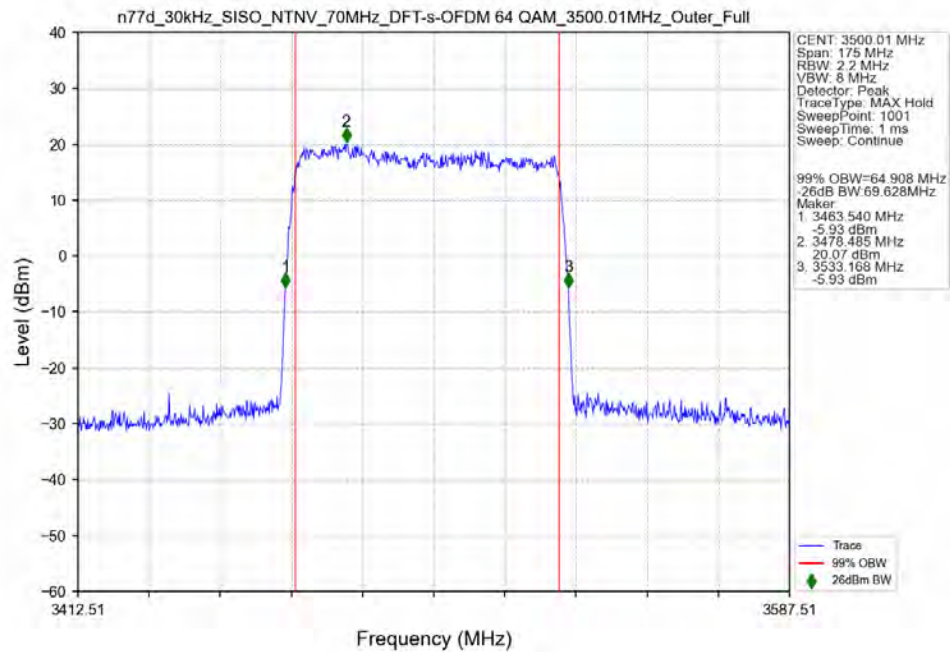
3.2.9 30k_SISO_70MHz_NTNV



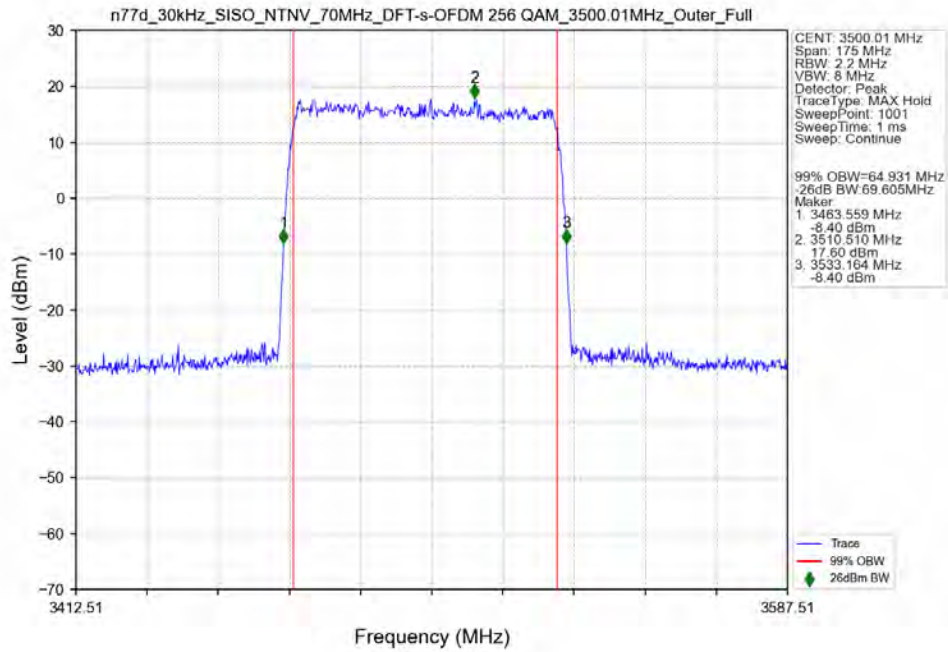
n77d 30kHz SISO NTN 70MHz DFT-s-OFDM 16 QAM 3500.01MHz Outer Full Ant0



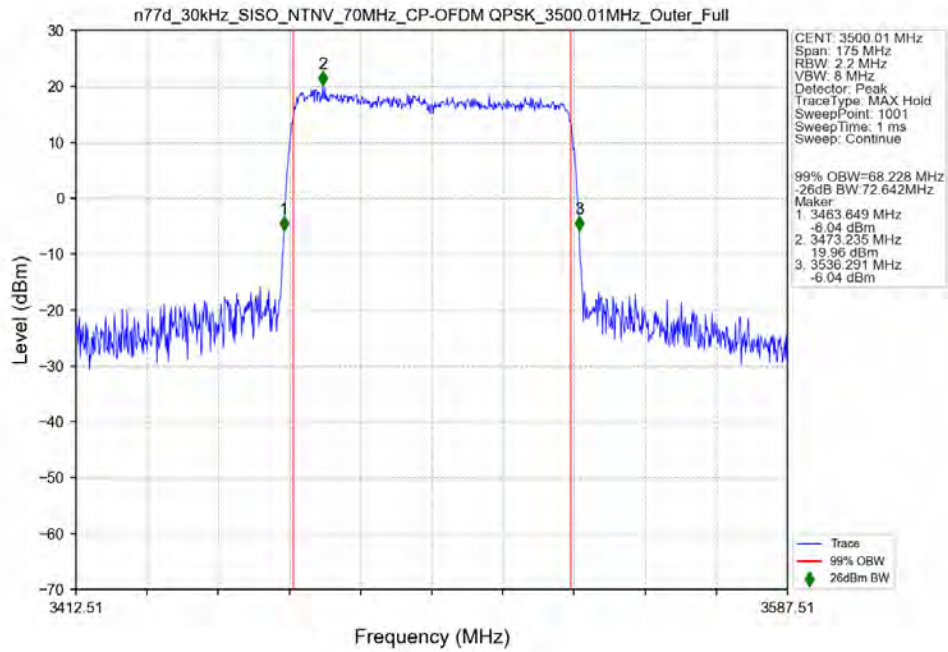
n77d 30kHz SISO NTN 70MHz DFT-s-OFDM 64 QAM 3500.01MHz Outer Full Ant0



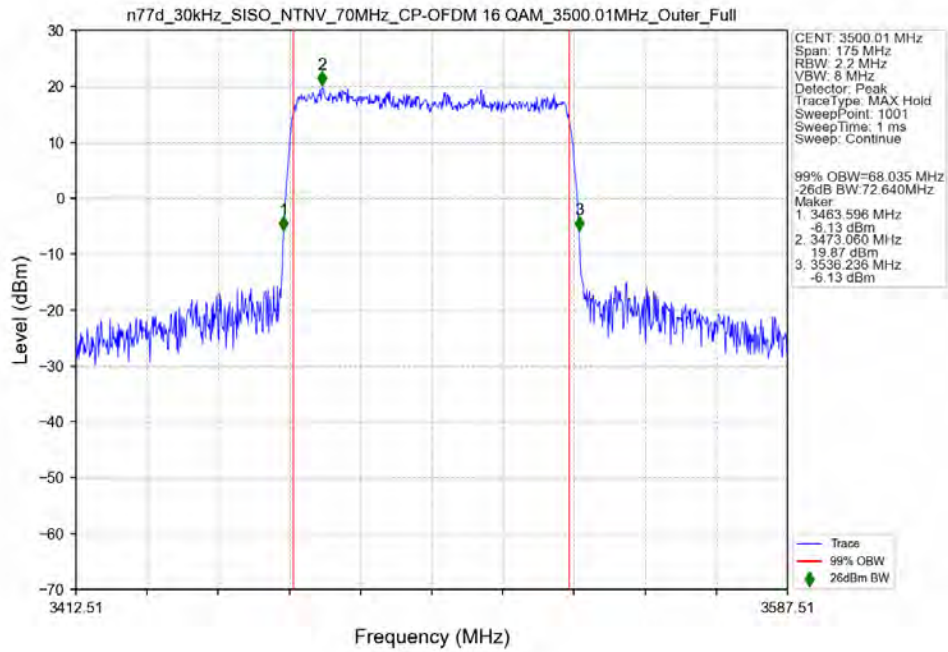
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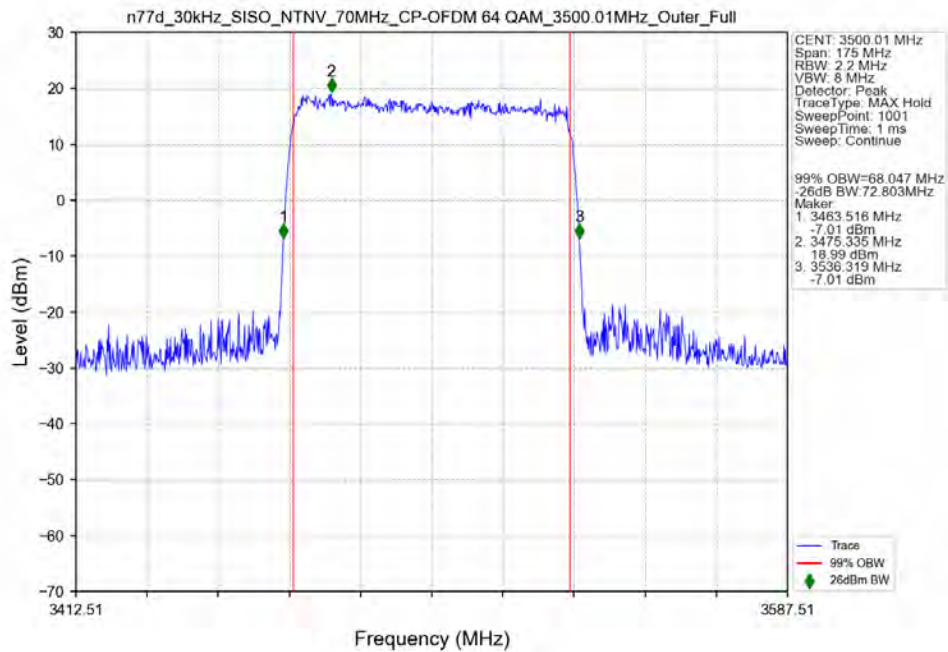
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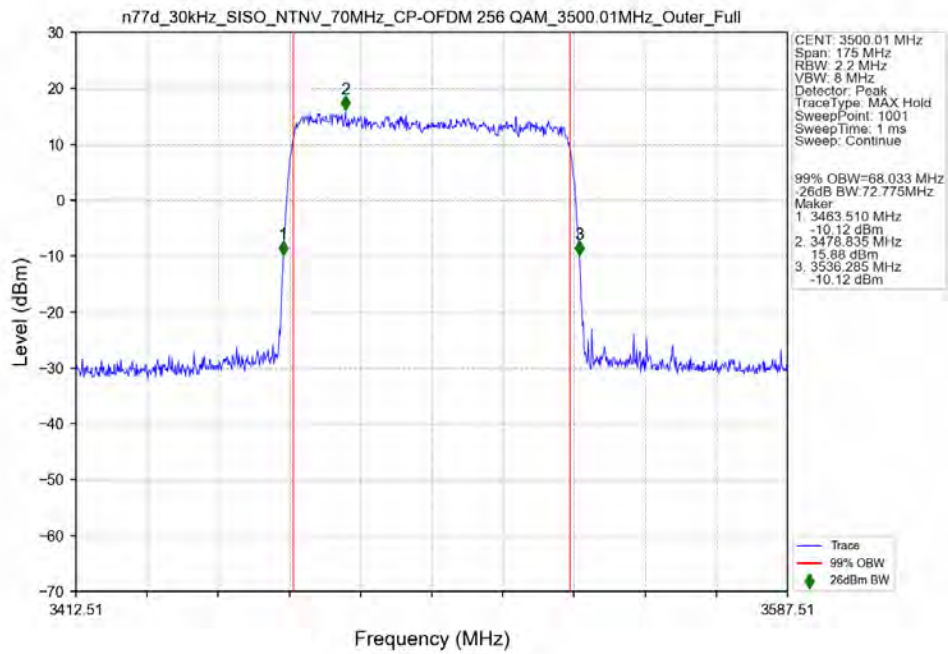
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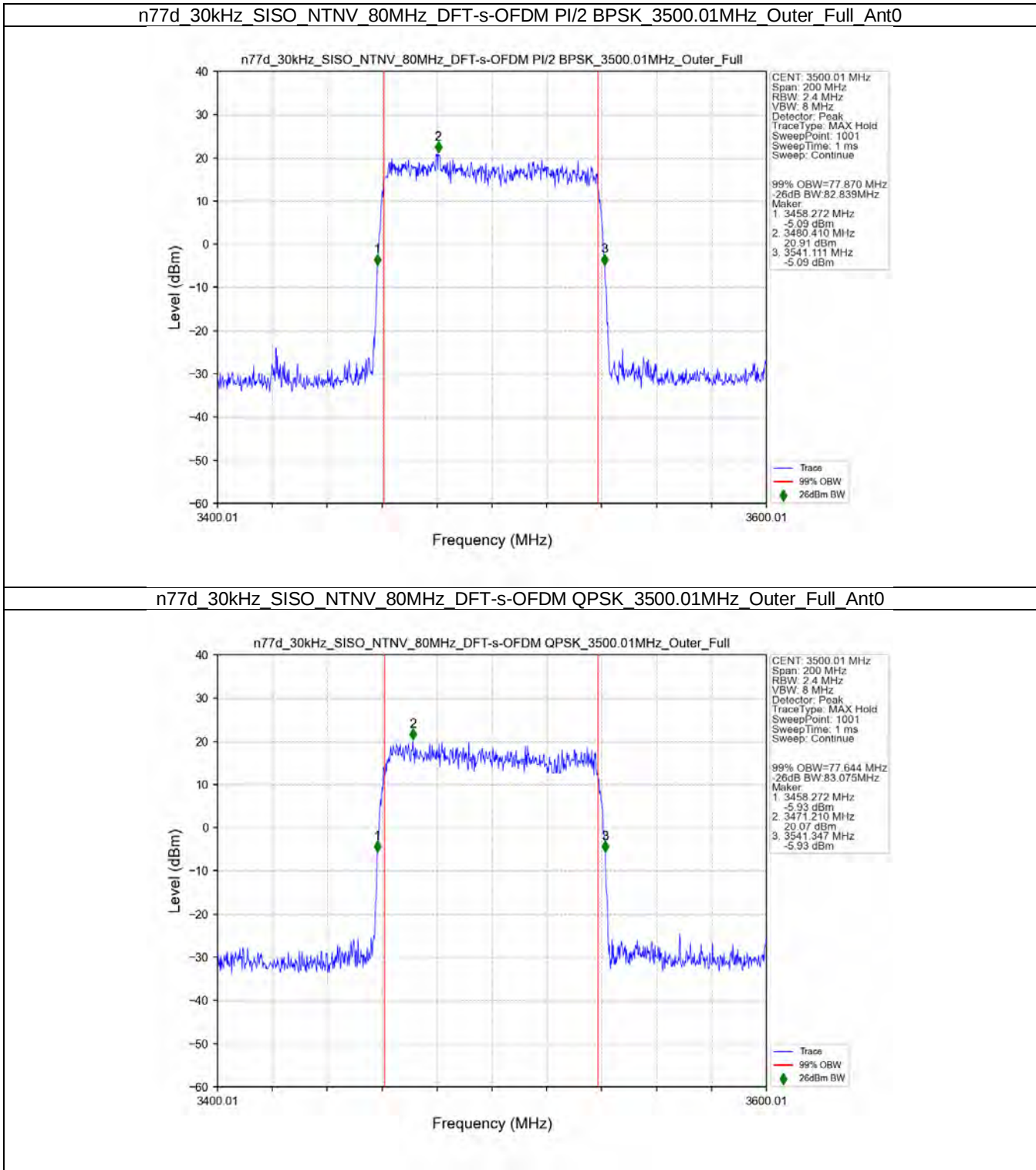
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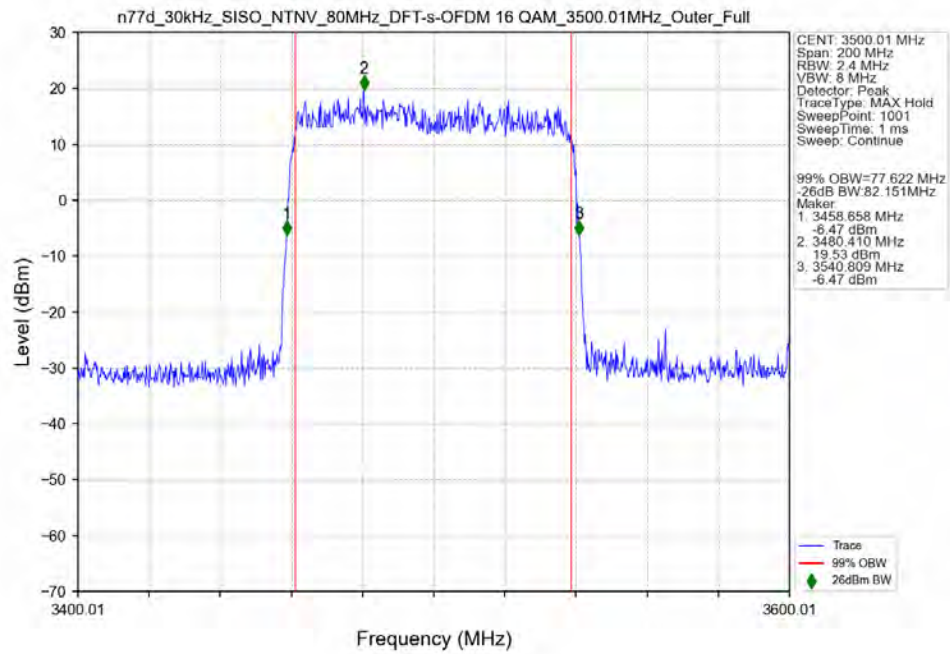
n77d 30kHz SISO NTN 70MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant0



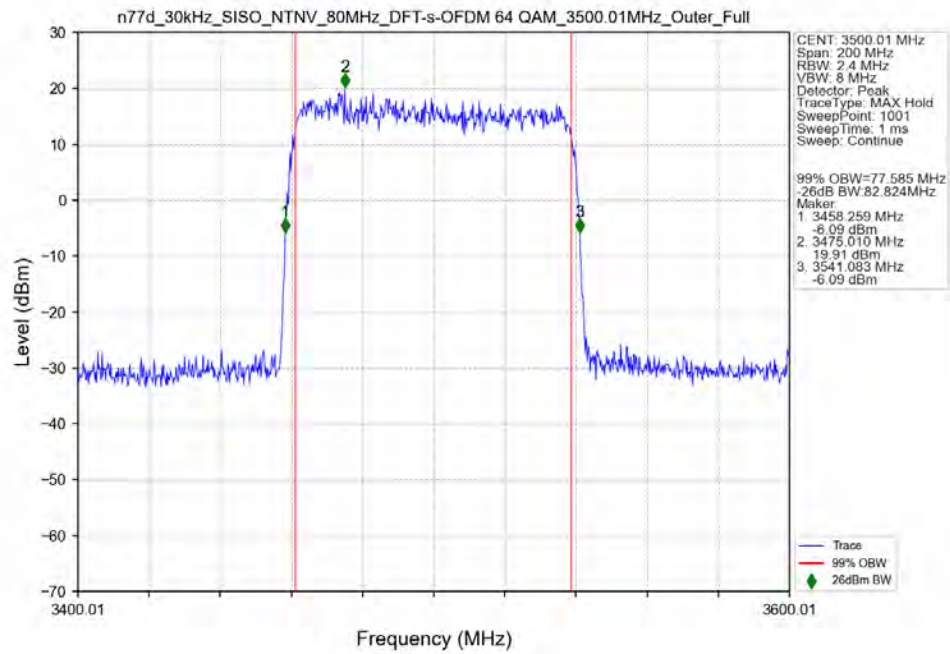
3.2.10 30k_SISO_80MHz_NTNV



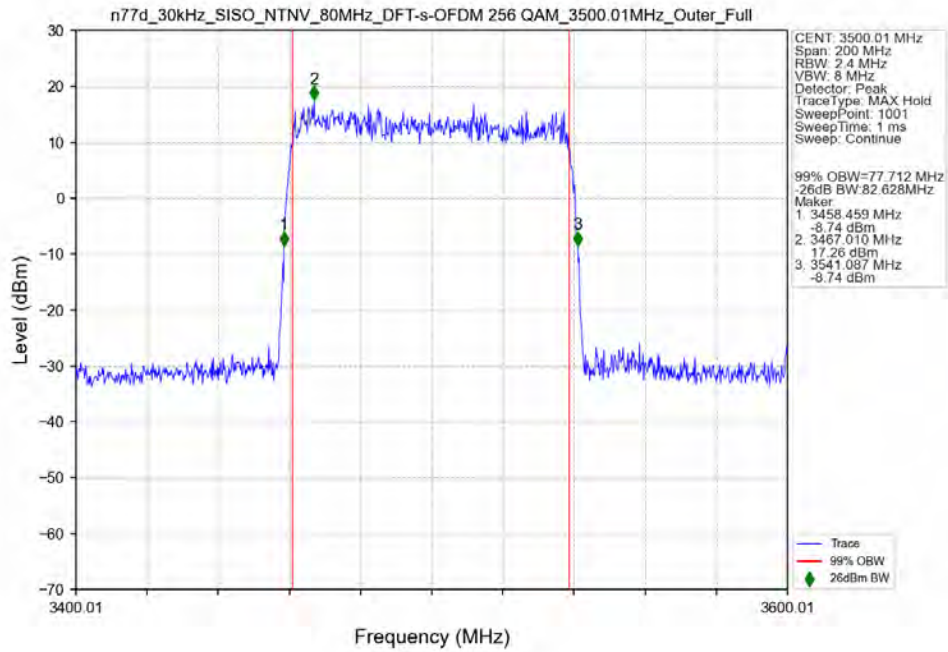
n77d 30kHz SISO NTN 80MHz DFT-s-OFDM 16 QAM 3500.01MHz Outer Full Ant0



n77d 30kHz SISO NTN 80MHz DFT-s-OFDM 64 QAM 3500.01MHz Outer Full Ant0



n77d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant0



n77d_30kHz_SISO_NTNV_80MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant0

