

			30	NV	18.40	0.0053	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.30	0.0015	≥ -2.5 & ≤ 2.5	Pass
			50	NV	6.90	0.0020	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-1.10	-0.0003	≥ -2.5 & ≤ 2.5	Pass
				HV	16.60	0.0047	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	24.10	0.0069	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	23.30	0.0067	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			0	NV	28.80	0.0082	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-8.30	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			20	NV	7.80	0.0022	≥ -2.5 & ≤ 2.5	Pass
			30	NV	14.10	0.0040	≥ -2.5 & ≤ 2.5	Pass
			40	NV	3.80	0.0011	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-14.80	-0.0042	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	28.60	0.0082	≥ -2.5 & ≤ 2.5	Pass
				HV	-9.50	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	11.60	0.0033	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	17.70	0.0051	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	13.10	0.0037	≥ -2.5 & ≤ 2.5	Pass
			0	NV	14.40	0.0041	≥ -2.5 & ≤ 2.5	Pass
			10	NV	12.00	0.0034	≥ -2.5 & ≤ 2.5	Pass
			20	NV	21.80	0.0062	≥ -2.5 & ≤ 2.5	Pass
			30	NV	11.80	0.0034	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-9.00	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			50	NV	19.20	0.0055	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	26.00	0.0074	≥ -2.5 & ≤ 2.5	Pass
				HV	-9.40	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	21.50	0.0061	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	24.40	0.0070	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-10.80	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-9.50	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.60	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-12.30	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			30	NV	18.90	0.0054	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-12.50	-0.0036	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	11.70	0.0033	≥ -2.5 & ≤ 2.5	Pass
				HV	14.70	0.0042	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	18.90	0.0054	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-9.20	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	8.70	0.0025	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.00	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	NV	22.60	0.0065	≥ -2.5 & ≤ 2.5	Pass
			30	NV	3.00	0.0009	≥ -2.5 & ≤ 2.5	Pass
			40	NV	19.40	0.0055	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-5.50	-0.0016	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	7.80	0.0022	≥ -2.5 & ≤ 2.5	Pass
				HV	-8.80	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.90	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	6.90	0.0020	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-11.90	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-18.20	-0.0052	≥ -2.5 & ≤ 2.5	Pass
			10	NV	8.60	0.0025	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.80	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			30	NV	21.10	0.0060	≥ -2.5 & ≤ 2.5	Pass
			40	NV	10.70	0.0031	≥ -2.5 & ≤ 2.5	Pass
			50	NV	12.20	0.0035	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	11.70	0.0033	≥ -2.5 & ≤ 2.5	Pass

				HV	9.60	0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	18.50	0.0053	>=-2.5 & <=2.5	Pass
			-20	NV	-1.80	-0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	19.60	0.0056	>=-2.5 & <=2.5	Pass
			10	NV	10.40	0.0030	>=-2.5 & <=2.5	Pass
			20	NV	2.30	0.0007	>=-2.5 & <=2.5	Pass
			30	NV	15.20	0.0043	>=-2.5 & <=2.5	Pass
			40	NV	-5.20	-0.0015	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	50	NV	13.90	0.0040	>=-2.5 & <=2.5	Pass
			20	LV	10.60	0.0030	>=-2.5 & <=2.5	Pass
				HV	15.90	0.0045	>=-2.5 & <=2.5	Pass
			-30	NV	11.50	0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	12.60	0.0036	>=-2.5 & <=2.5	Pass
			-10	NV	16.20	0.0046	>=-2.5 & <=2.5	Pass
			0	NV	15.10	0.0043	>=-2.5 & <=2.5	Pass
			10	NV	11.40	0.0033	>=-2.5 & <=2.5	Pass
			20	NV	15.50	0.0044	>=-2.5 & <=2.5	Pass
			30	NV	1.70	0.0005	>=-2.5 & <=2.5	Pass
			40	NV	14.90	0.0043	>=-2.5 & <=2.5	Pass
			50	NV	6.90	0.0020	>=-2.5 & <=2.5	Pass

2.1.10 30k_SISO_90MHz

5G NR n78e SCS=30kHz SISO 90MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	20	LV	4.60	0.0013	>=-2.5 & <=2.5	Pass
				HV	38.60	0.0110	>=-2.5 & <=2.5	Pass
			-30	NV	2.90	0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	33.90	0.0097	>=-2.5 & <=2.5	Pass
			-10	NV	30.10	0.0086	>=-2.5 & <=2.5	Pass
			0	NV	-18.80	-0.0054	>=-2.5 & <=2.5	Pass
			10	NV	24.90	0.0071	>=-2.5 & <=2.5	Pass
			20	NV	18.60	0.0053	>=-2.5 & <=2.5	Pass
			30	NV	24.00	0.0069	>=-2.5 & <=2.5	Pass
			40	NV	27.60	0.0079	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	50	NV	14.50	0.0041	>=-2.5 & <=2.5	Pass
			20	LV	13.30	0.0038	>=-2.5 & <=2.5	Pass
				HV	-10.70	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	12.10	0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	17.50	0.0050	>=-2.5 & <=2.5	Pass
			0	NV	32.70	0.0093	>=-2.5 & <=2.5	Pass
			10	NV	20.90	0.0060	>=-2.5 & <=2.5	Pass
			20	NV	-11.40	-0.0033	>=-2.5 & <=2.5	Pass
			30	NV	19.70	0.0056	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	40	NV	-15.60	-0.0045	>=-2.5 & <=2.5	Pass
			50	NV	29.10	0.0083	>=-2.5 & <=2.5	Pass
			20	LV	-6.70	-0.0019	>=-2.5 & <=2.5	Pass
				HV	-12.10	-0.0035	>=-2.5 & <=2.5	Pass
			-30	NV	10.80	0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	9.10	0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-7.40	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	19.60	0.0056	>=-2.5 & <=2.5	Pass
			20	NV	18.10	0.0052	>=-2.5 & <=2.5	Pass

			30	NV	15.40	0.0044	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.00	0.0014	≥ -2.5 & ≤ 2.5	Pass
			50	NV	4.70	0.0013	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-14.30	-0.0041	≥ -2.5 & ≤ 2.5	Pass
				HV	3.70	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	19.60	0.0056	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	18.20	0.0052	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	10.70	0.0031	≥ -2.5 & ≤ 2.5	Pass
			0	NV	14.10	0.0040	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.00	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			30	NV	11.90	0.0034	≥ -2.5 & ≤ 2.5	Pass
			40	NV	18.70	0.0053	≥ -2.5 & ≤ 2.5	Pass
			50	NV	15.60	0.0045	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	14.40	0.0041	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	21.00	0.0060	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	0.70	0.0002	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	12.60	0.0036	≥ -2.5 & ≤ 2.5	Pass
			0	NV	27.50	0.0079	≥ -2.5 & ≤ 2.5	Pass
			10	NV	11.30	0.0032	≥ -2.5 & ≤ 2.5	Pass
			20	NV	8.10	0.0023	≥ -2.5 & ≤ 2.5	Pass
			30	NV	4.90	0.0014	≥ -2.5 & ≤ 2.5	Pass
			40	NV	11.20	0.0032	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-1.40	-0.0004	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	10.80	0.0031	≥ -2.5 & ≤ 2.5	Pass
				HV	7.70	0.0022	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	7.20	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	8.00	0.0023	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	11.40	0.0033	≥ -2.5 & ≤ 2.5	Pass
			0	NV	3.00	0.0009	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.50	0.0007	≥ -2.5 & ≤ 2.5	Pass
			20	NV	17.20	0.0049	≥ -2.5 & ≤ 2.5	Pass
			30	NV	8.00	0.0023	≥ -2.5 & ≤ 2.5	Pass
			40	NV	18.00	0.0051	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	7.00	0.0020	≥ -2.5 & ≤ 2.5	Pass
				HV	20.70	0.0059	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	16.10	0.0046	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	14.50	0.0041	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	13.80	0.0039	≥ -2.5 & ≤ 2.5	Pass
			0	NV	10.50	0.0030	≥ -2.5 & ≤ 2.5	Pass
			10	NV	13.10	0.0037	≥ -2.5 & ≤ 2.5	Pass
			20	NV	8.80	0.0025	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.90	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			40	NV	12.10	0.0035	≥ -2.5 & ≤ 2.5	Pass
			50	NV	11.90	0.0034	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	9.70	0.0028	≥ -2.5 & ≤ 2.5	Pass
				HV	13.10	0.0037	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-11.50	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-10.50	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	16.60	0.0047	≥ -2.5 & ≤ 2.5	Pass
			0	NV	3.50	0.0010	≥ -2.5 & ≤ 2.5	Pass
			10	NV	7.40	0.0021	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.00	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			30	NV	16.70	0.0048	≥ -2.5 & ≤ 2.5	Pass
			40	NV	17.30	0.0049	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	NV	12.00	0.0034	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-8.90	-0.0025	≥ -2.5 & ≤ 2.5	Pass

				HV	13.80	0.0039	>=-2.5 & <=2.5	Pass
			-30	NV	23.10	0.0066	>=-2.5 & <=2.5	Pass
			-20	NV	-7.70	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	14.00	0.0040	>=-2.5 & <=2.5	Pass
			0	NV	15.90	0.0045	>=-2.5 & <=2.5	Pass
			10	NV	14.70	0.0042	>=-2.5 & <=2.5	Pass
			20	NV	8.00	0.0023	>=-2.5 & <=2.5	Pass
			30	NV	16.50	0.0047	>=-2.5 & <=2.5	Pass
			40	NV	18.60	0.0053	>=-2.5 & <=2.5	Pass
			50	NV	-12.30	-0.0035	>=-2.5 & <=2.5	Pass

2.1.11 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 PI/2 BPSK	3500.01	Outer_Full	20	LV	-9.30	-0.0027	>=-2.5 & <=2.5	Pass
				HV	36.80	0.0105	>=-2.5 & <=2.5	Pass
			-30	NV	31.40	0.0090	>=-2.5 & <=2.5	Pass
			-20	NV	-14.30	-0.0041	>=-2.5 & <=2.5	Pass
			-10	NV	18.30	0.0052	>=-2.5 & <=2.5	Pass
			0	NV	28.40	0.0081	>=-2.5 & <=2.5	Pass
			10	NV	23.10	0.0066	>=-2.5 & <=2.5	Pass
			20	NV	10.80	0.0031	>=-2.5 & <=2.5	Pass
			30	NV	16.10	0.0046	>=-2.5 & <=2.5	Pass
			40	NV	4.10	0.0012	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	8.90	0.0025	>=-2.5 & <=2.5	Pass
				HV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-7.40	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	7.30	0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	22.40	0.0064	>=-2.5 & <=2.5	Pass
			0	NV	23.40	0.0067	>=-2.5 & <=2.5	Pass
			10	NV	-13.30	-0.0038	>=-2.5 & <=2.5	Pass
			20	NV	21.80	0.0062	>=-2.5 & <=2.5	Pass
			30	NV	2.80	0.0008	>=-2.5 & <=2.5	Pass
			40	NV	13.70	0.0039	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	9.90	0.0028	>=-2.5 & <=2.5	Pass
				HV	15.50	0.0044	>=-2.5 & <=2.5	Pass
			-30	NV	14.70	0.0042	>=-2.5 & <=2.5	Pass
			-20	NV	19.30	0.0055	>=-2.5 & <=2.5	Pass
			-10	NV	14.60	0.0042	>=-2.5 & <=2.5	Pass
			0	NV	14.90	0.0043	>=-2.5 & <=2.5	Pass
			10	NV	8.70	0.0025	>=-2.5 & <=2.5	Pass
			20	NV	18.00	0.0051	>=-2.5 & <=2.5	Pass
			30	NV	-20.60	-0.0059	>=-2.5 & <=2.5	Pass
			40	NV	-26.00	-0.0074	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	15.90	0.0045	>=-2.5 & <=2.5	Pass
				HV	8.90	0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-7.10	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	19.90	0.0057	>=-2.5 & <=2.5	Pass
			-10	NV	23.80	0.0068	>=-2.5 & <=2.5	Pass
			0	NV	8.10	0.0023	>=-2.5 & <=2.5	Pass
			10	NV	21.90	0.0063	>=-2.5 & <=2.5	Pass
			20	NV	10.00	0.0029	>=-2.5 & <=2.5	Pass

			30	NV	19.60	0.0056	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-9.40	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			50	NV	18.40	0.0053	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-5.70	-0.0016	≥ -2.5 & ≤ 2.5	Pass
				HV	12.10	0.0035	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	2.50	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	16.50	0.0047	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-9.20	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			0	NV	5.10	0.0015	≥ -2.5 & ≤ 2.5	Pass
			10	NV	28.60	0.0082	≥ -2.5 & ≤ 2.5	Pass
			20	NV	26.00	0.0074	≥ -2.5 & ≤ 2.5	Pass
			30	NV	11.50	0.0033	≥ -2.5 & ≤ 2.5	Pass
			40	NV	6.20	0.0018	≥ -2.5 & ≤ 2.5	Pass
			50	NV	12.70	0.0036	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-7.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
				HV	18.30	0.0052	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-10.40	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	9.00	0.0026	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	29.00	0.0083	≥ -2.5 & ≤ 2.5	Pass
			0	NV	11.60	0.0033	≥ -2.5 & ≤ 2.5	Pass
			10	NV	8.20	0.0023	≥ -2.5 & ≤ 2.5	Pass
			20	NV	17.80	0.0051	≥ -2.5 & ≤ 2.5	Pass
			30	NV	8.40	0.0024	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-1.90	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-10.50	-0.0030	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	14.30	0.0041	≥ -2.5 & ≤ 2.5	Pass
				HV	7.20	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	18.90	0.0054	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-9.10	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	29.10	0.0083	≥ -2.5 & ≤ 2.5	Pass
			0	NV	17.30	0.0049	≥ -2.5 & ≤ 2.5	Pass
			10	NV	17.80	0.0051	≥ -2.5 & ≤ 2.5	Pass
			20	NV	13.70	0.0039	≥ -2.5 & ≤ 2.5	Pass
			30	NV	10.60	0.0030	≥ -2.5 & ≤ 2.5	Pass
			40	NV	17.30	0.0049	≥ -2.5 & ≤ 2.5	Pass
			50	NV	16.00	0.0046	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	22.90	0.0065	≥ -2.5 & ≤ 2.5	Pass
				HV	20.40	0.0058	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-10.80	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	30.80	0.0088	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	16.80	0.0048	≥ -2.5 & ≤ 2.5	Pass
			0	NV	22.10	0.0063	≥ -2.5 & ≤ 2.5	Pass
			10	NV	6.20	0.0018	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.30	0.0007	≥ -2.5 & ≤ 2.5	Pass
			30	NV	4.50	0.0013	≥ -2.5 & ≤ 2.5	Pass
			40	NV	18.60	0.0053	≥ -2.5 & ≤ 2.5	Pass
			50	NV	15.10	0.0043	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	21.10	0.0060	≥ -2.5 & ≤ 2.5	Pass
				HV	14.50	0.0041	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	9.80	0.0028	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.70	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-12.30	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-9.10	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			10	NV	13.40	0.0038	≥ -2.5 & ≤ 2.5	Pass
			20	NV	24.00	0.0069	≥ -2.5 & ≤ 2.5	Pass
			30	NV	13.70	0.0039	≥ -2.5 & ≤ 2.5	Pass
			40	NV	21.60	0.0062	≥ -2.5 & ≤ 2.5	Pass
			50	NV	18.70	0.0053	≥ -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 NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3455.01	Outer_Full	8.72	10.19	/	Pass
	3500.01	Outer_Full	8.75	10.26	/	Pass
	3544.98	Outer_Full	8.71	10.26	/	Pass
DFT-s-OFDM QPSK	3455.01	Outer_Full	8.80	10.50	/	Pass
	3500.01	Outer_Full	8.77	10.41	/	Pass
	3544.98	Outer_Full	8.76	10.24	/	Pass
DFT-s-OFDM 16 QAM	3455.01	Outer_Full	8.76	10.18	/	Pass
	3500.01	Outer_Full	8.75	10.17	/	Pass
	3544.98	Outer_Full	8.74	10.12	/	Pass
DFT-s-OFDM 64 QAM	3455.01	Outer_Full	8.76	10.24	/	Pass
	3500.01	Outer_Full	8.74	10.29	/	Pass
	3544.98	Outer_Full	8.70	10.20	/	Pass
DFT-s-OFDM 256 QAM	3455.01	Outer_Full	8.71	10.10	/	Pass
	3500.01	Outer_Full	8.72	10.32	/	Pass
	3544.98	Outer_Full	8.74	10.55	/	Pass
CP-OFDM QPSK	3455.01	Outer_Full	8.83	10.67	/	Pass
	3500.01	Outer_Full	8.74	10.29	/	Pass
	3544.98	Outer_Full	8.74	10.35	/	Pass
CP-OFDM 16 QAM	3455.01	Outer_Full	8.77	10.45	/	Pass
	3500.01	Outer_Full	8.77	10.17	/	Pass
	3544.98	Outer_Full	8.72	10.17	/	Pass
CP-OFDM 64 QAM	3455.01	Outer_Full	8.77	10.71	/	Pass
	3500.01	Outer_Full	8.77	10.14	/	Pass
	3544.98	Outer_Full	8.72	10.34	/	Pass
CP-OFDM 256 QAM	3455.01	Outer_Full	8.81	10.37	/	Pass
	3500.01	Outer_Full	8.71	10.08	/	Pass
	3544.98	Outer_Full	8.76	10.20	/	Pass

3.1.2 30k_SISO_15MHz_NTNV

5G NR n78e SCS=30kHz SISO 15MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3457.5	Outer_Full	13.12	14.76	/	Pass
	3500.01	Outer_Full	13.09	14.99	/	Pass
	3542.49	Outer_Full	13.09	14.78	/	Pass
DFT-s-OFDM QPSK	3457.5	Outer_Full	13.11	14.99	/	Pass
	3500.01	Outer_Full	13.08	14.90	/	Pass
	3542.49	Outer_Full	13.10	14.81	/	Pass
DFT-s-OFDM 16 QAM	3457.5	Outer_Full	13.12	14.82	/	Pass
	3500.01	Outer_Full	13.11	14.88	/	Pass
	3542.49	Outer_Full	13.10	14.87	/	Pass
DFT-s-OFDM 64 QAM	3457.5	Outer_Full	13.12	14.76	/	Pass
	3500.01	Outer_Full	13.11	14.79	/	Pass
	3542.49	Outer_Full	13.09	14.73	/	Pass
DFT-s-OFDM 256 QAM	3457.5	Outer_Full	13.09	14.84	/	Pass
	3500.01	Outer_Full	13.06	14.68	/	Pass

CP-OFDM QPSK	3542.49	Outer_Full	13.06	14.69	/	Pass
	3457.5	Outer_Full	13.86	15.65	/	Pass
	3500.01	Outer_Full	13.78	15.59	/	Pass
	3542.49	Outer_Full	13.74	15.60	/	Pass
CP-OFDM 16 QAM	3457.5	Outer_Full	13.88	17.23	/	Pass
	3500.01	Outer_Full	13.83	15.61	/	Pass
	3542.49	Outer_Full	13.80	15.57	/	Pass
CP-OFDM 64 QAM	3457.5	Outer_Full	13.94	19.53	/	Pass
	3500.01	Outer_Full	13.78	15.64	/	Pass
	3542.49	Outer_Full	13.80	15.35	/	Pass
CP-OFDM 256 QAM	3457.5	Outer_Full	13.82	15.76	/	Pass
	3500.01	Outer_Full	13.77	15.51	/	Pass
	3542.49	Outer_Full	13.74	15.56	/	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	3460.02	Outer_Full	18.11	20.01	/	Pass
	3500.01	Outer_Full	18.14	19.92	/	Pass
	3540	Outer_Full	18.12	20.09	/	Pass
DFT-s-OFDM QPSK	3460.02	Outer_Full	18.22	20.28	/	Pass
	3500.01	Outer_Full	18.17	19.96	/	Pass
	3540	Outer_Full	18.14	19.88	/	Pass
DFT-s-OFDM 16 QAM	3460.02	Outer_Full	18.21	19.90	/	Pass
	3500.01	Outer_Full	18.18	20.05	/	Pass
	3540	Outer_Full	18.20	20.32	/	Pass
DFT-s-OFDM 64 QAM	3460.02	Outer_Full	18.24	20.21	/	Pass
	3500.01	Outer_Full	18.20	20.05	/	Pass
	3540	Outer_Full	18.17	19.94	/	Pass
DFT-s-OFDM 256 QAM	3460.02	Outer_Full	18.16	20.02	/	Pass
	3500.01	Outer_Full	18.12	20.01	/	Pass
	3540	Outer_Full	18.09	19.98	/	Pass
CP-OFDM QPSK	3460.02	Outer_Full	18.51	25.56	/	Pass
	3500.01	Outer_Full	18.50	20.46	/	Pass
	3540	Outer_Full	18.45	20.29	/	Pass
CP-OFDM 16 QAM	3460.02	Outer_Full	18.58	22.52	/	Pass
	3500.01	Outer_Full	18.51	20.39	/	Pass
	3540	Outer_Full	18.42	20.30	/	Pass
CP-OFDM 64 QAM	3460.02	Outer_Full	18.50	20.46	/	Pass
	3500.01	Outer_Full	18.42	20.34	/	Pass
	3540	Outer_Full	18.37	20.16	/	Pass
CP-OFDM 256 QAM	3460.02	Outer_Full	18.48	20.35	/	Pass
	3500.01	Outer_Full	18.41	20.36	/	Pass
	3540	Outer_Full	18.44	20.20	/	Pass

3.1.4 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	3465	Outer_Full	27.15	29.58	/	Pass
	3500.01	Outer_Full	27.07	29.56	/	Pass
	3534.99	Outer_Full	27.10	29.47	/	Pass
DFT-s-OFDM QPSK	3465	Outer_Full	27.24	29.55	/	Pass

	3500.01	Outer_Full	27.20	29.46	/	Pass
	3534.99	Outer_Full	27.15	29.39	/	Pass
	3465	Outer_Full	27.21	29.67	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	27.16	29.38	/	Pass
	3534.99	Outer_Full	27.14	29.24	/	Pass
	3465	Outer_Full	27.14	29.56	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	27.13	29.54	/	Pass
	3534.99	Outer_Full	27.12	29.42	/	Pass
	3465	Outer_Full	27.22	29.49	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	27.11	29.51	/	Pass
	3534.99	Outer_Full	27.04	29.39	/	Pass
	3465	Outer_Full	28.27	34.40	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	28.09	30.41	/	Pass
	3534.99	Outer_Full	28.09	30.40	/	Pass
	3465	Outer_Full	28.19	33.87	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	28.13	30.62	/	Pass
	3534.99	Outer_Full	28.24	30.57	/	Pass
	3465	Outer_Full	28.26	32.38	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	28.19	31.03	/	Pass
	3534.99	Outer_Full	28.15	30.44	/	Pass
	3465	Outer_Full	28.21	30.65	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	28.09	30.40	/	Pass
	3534.99	Outer_Full	28.15	30.64	/	Pass

3.1.5 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	3470.01	Outer_Full	36.12	38.86	/	Pass
	3500.01	Outer_Full	36.05	38.82	/	Pass
	3529.98	Outer_Full	36.07	38.45	/	Pass
DFT-s-OFDM QPSK	3470.01	Outer_Full	36.13	39.05	/	Pass
	3500.01	Outer_Full	36.10	39.11	/	Pass
	3529.98	Outer_Full	36.16	39.02	/	Pass
DFT-s-OFDM 16 QAM	3470.01	Outer_Full	36.03	38.77	/	Pass
	3500.01	Outer_Full	36.02	38.76	/	Pass
	3529.98	Outer_Full	36.08	39.02	/	Pass
DFT-s-OFDM 64 QAM	3470.01	Outer_Full	36.17	39.04	/	Pass
	3500.01	Outer_Full	36.24	38.84	/	Pass
	3529.98	Outer_Full	36.06	39.05	/	Pass
DFT-s-OFDM 256 QAM	3470.01	Outer_Full	36.02	39.09	/	Pass
	3500.01	Outer_Full	36.10	38.94	/	Pass
	3529.98	Outer_Full	36.11	38.98	/	Pass
CP-OFDM QPSK	3470.01	Outer_Full	38.40	41.23	/	Pass
	3500.01	Outer_Full	38.12	40.98	/	Pass
	3529.98	Outer_Full	38.18	41.06	/	Pass
CP-OFDM 16 QAM	3470.01	Outer_Full	38.40	41.51	/	Pass
	3500.01	Outer_Full	38.26	41.10	/	Pass
	3529.98	Outer_Full	38.19	40.70	/	Pass
CP-OFDM 64 QAM	3470.01	Outer_Full	38.20	42.69	/	Pass
	3500.01	Outer_Full	38.28	41.20	/	Pass
	3529.98	Outer_Full	38.07	41.00	/	Pass
CP-OFDM 256 QAM	3470.01	Outer_Full	38.16	41.19	/	Pass
	3500.01	Outer_Full	38.13	40.95	/	Pass
	3529.98	Outer_Full	38.17	41.12	/	Pass

3.1.6 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	3475.02	Outer_Full	46.22	49.42	/	Pass
	3500.01	Outer_Full	46.24	49.46	/	Pass
	3525	Outer_Full	46.13	49.35	/	Pass
DFT-s-OFDM QPSK	3475.02	Outer_Full	46.04	49.46	/	Pass
	3500.01	Outer_Full	46.22	49.39	/	Pass
	3525	Outer_Full	46.14	49.59	/	Pass
DFT-s-OFDM 16 QAM	3475.02	Outer_Full	46.20	49.46	/	Pass
	3500.01	Outer_Full	46.05	49.40	/	Pass
	3525	Outer_Full	46.29	49.51	/	Pass
DFT-s-OFDM 64 QAM	3475.02	Outer_Full	46.19	49.37	/	Pass
	3500.01	Outer_Full	46.20	49.43	/	Pass
	3525	Outer_Full	46.12	49.48	/	Pass
DFT-s-OFDM 256 QAM	3475.02	Outer_Full	46.08	49.30	/	Pass
	3500.01	Outer_Full	46.16	49.33	/	Pass
	3525	Outer_Full	46.22	49.34	/	Pass
CP-OFDM QPSK	3475.02	Outer_Full	48.09	51.31	/	Pass
	3500.01	Outer_Full	47.82	51.19	/	Pass
	3525	Outer_Full	47.88	51.28	/	Pass
CP-OFDM 16 QAM	3475.02	Outer_Full	47.88	51.24	/	Pass
	3500.01	Outer_Full	47.91	51.09	/	Pass
	3525	Outer_Full	47.91	51.12	/	Pass
CP-OFDM 64 QAM	3475.02	Outer_Full	48.02	57.22	/	Pass
	3500.01	Outer_Full	47.87	53.17	/	Pass
	3525	Outer_Full	47.94	52.96	/	Pass
CP-OFDM 256 QAM	3475.02	Outer_Full	47.95	51.24	/	Pass
	3500.01	Outer_Full	47.91	51.09	/	Pass
	3525	Outer_Full	47.96	51.20	/	Pass

3.1.7 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	3480	Outer_Full	58.36	62.52	/	Pass
	3500.01	Outer_Full	58.34	62.29	/	Pass
	3519.99	Outer_Full	58.36	62.37	/	Pass
DFT-s-OFDM QPSK	3480	Outer_Full	58.34	62.49	/	Pass
	3500.01	Outer_Full	58.39	62.45	/	Pass
	3519.99	Outer_Full	58.56	62.46	/	Pass
DFT-s-OFDM 16 QAM	3480	Outer_Full	58.43	62.43	/	Pass
	3500.01	Outer_Full	58.45	62.39	/	Pass
	3519.99	Outer_Full	58.51	62.53	/	Pass
DFT-s-OFDM 64 QAM	3480	Outer_Full	58.53	62.23	/	Pass
	3500.01	Outer_Full	58.39	62.26	/	Pass
	3519.99	Outer_Full	58.46	62.29	/	Pass
DFT-s-OFDM 256 QAM	3480	Outer_Full	58.39	62.33	/	Pass
	3500.01	Outer_Full	58.26	62.21	/	Pass
	3519.99	Outer_Full	58.32	62.41	/	Pass
CP-OFDM QPSK	3480	Outer_Full	58.37	62.45	/	Pass
	3500.01	Outer_Full	58.30	62.41	/	Pass
	3519.99	Outer_Full	58.38	62.22	/	Pass
CP-OFDM 16 QAM	3480	Outer_Full	58.39	62.31	/	Pass

CP-OFDM 64 QAM	3500.01	Outer_Full	58.24	62.37	/	Pass
	3519.99	Outer_Full	58.38	62.27	/	Pass
	3480	Outer_Full	58.59	64.69	/	Pass
	3500.01	Outer_Full	58.56	62.33	/	Pass
	3519.99	Outer_Full	58.48	62.48	/	Pass
CP-OFDM 256 QAM	3480	Outer_Full	58.31	62.50	/	Pass
	3500.01	Outer_Full	58.34	62.25	/	Pass
	3519.99	Outer_Full	58.35	62.24	/	Pass

3.1.8 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	3485.01	Outer_Full	65.08	69.52	/	Pass
	3500.01	Outer_Full	65.11	69.65	/	Pass
	3514.98	Outer_Full	64.96	69.28	/	Pass
DFT-s-OFDM QPSK	3485.01	Outer_Full	64.90	69.77	/	Pass
	3500.01	Outer_Full	64.98	69.69	/	Pass
	3514.98	Outer_Full	64.78	69.51	/	Pass
DFT-s-OFDM 16 QAM	3485.01	Outer_Full	65.00	69.82	/	Pass
	3500.01	Outer_Full	65.02	69.64	/	Pass
	3514.98	Outer_Full	65.15	69.39	/	Pass
DFT-s-OFDM 64 QAM	3485.01	Outer_Full	65.00	69.56	/	Pass
	3500.01	Outer_Full	64.94	69.48	/	Pass
	3514.98	Outer_Full	64.99	69.22	/	Pass
DFT-s-OFDM 256 QAM	3485.01	Outer_Full	64.98	69.77	/	Pass
	3500.01	Outer_Full	64.96	69.81	/	Pass
	3514.98	Outer_Full	64.96	69.44	/	Pass
CP-OFDM QPSK	3485.01	Outer_Full	68.22	72.95	/	Pass
	3500.01	Outer_Full	68.23	73.00	/	Pass
	3514.98	Outer_Full	68.07	72.82	/	Pass
CP-OFDM 16 QAM	3485.01	Outer_Full	68.18	74.69	/	Pass
	3500.01	Outer_Full	68.17	82.45	/	Pass
	3514.98	Outer_Full	68.01	72.80	/	Pass
CP-OFDM 64 QAM	3485.01	Outer_Full	68.32	86.88	/	Pass
	3500.01	Outer_Full	68.28	79.82	/	Pass
	3514.98	Outer_Full	68.04	78.30	/	Pass
CP-OFDM 256 QAM	3485.01	Outer_Full	68.06	72.73	/	Pass
	3500.01	Outer_Full	68.06	72.81	/	Pass
	3514.98	Outer_Full	68.17	72.32	/	Pass

3.1.9 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	3490.02	Outer_Full	78.11	83.17	/	Pass
	3500.01	Outer_Full	77.89	82.52	/	Pass
	3510	Outer_Full	77.96	82.91	/	Pass
DFT-s-OFDM QPSK	3490.02	Outer_Full	77.78	83.00	/	Pass
	3500.01	Outer_Full	77.70	82.64	/	Pass
	3510	Outer_Full	77.85	82.93	/	Pass
DFT-s-OFDM 16 QAM	3490.02	Outer_Full	78.06	83.00	/	Pass
	3500.01	Outer_Full	77.61	83.04	/	Pass
	3510	Outer_Full	77.91	82.56	/	Pass

DFT-s-OFDM 64 QAM	3490.02	Outer_Full	77.88	83.26	/	Pass
	3500.01	Outer_Full	77.66	82.92	/	Pass
	3510	Outer_Full	77.83	82.75	/	Pass
DFT-s-OFDM 256 QAM	3490.02	Outer_Full	77.82	83.01	/	Pass
	3500.01	Outer_Full	77.75	82.85	/	Pass
	3510	Outer_Full	77.93	83.09	/	Pass
CP-OFDM QPSK	3490.02	Outer_Full	78.07	83.56	/	Pass
	3500.01	Outer_Full	78.08	83.26	/	Pass
	3510	Outer_Full	78.08	83.28	/	Pass
CP-OFDM 16 QAM	3490.02	Outer_Full	78.26	83.72	/	Pass
	3500.01	Outer_Full	78.12	83.34	/	Pass
	3510	Outer_Full	78.27	83.39	/	Pass
CP-OFDM 64 QAM	3490.02	Outer_Full	78.34	85.32	/	Pass
	3500.01	Outer_Full	78.17	83.39	/	Pass
	3510	Outer_Full	78.35	83.00	/	Pass
CP-OFDM 256 QAM	3490.02	Outer_Full	77.97	83.31	/	Pass
	3500.01	Outer_Full	78.03	82.99	/	Pass
	3510	Outer_Full	78.15	82.85	/	Pass

3.1.10 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	3495	Outer_Full	87.57	92.98	/	Pass
	3500.01	Outer_Full	87.69	92.74	/	Pass
	3504.99	Outer_Full	87.43	92.80	/	Pass
DFT-s-OFDM QPSK	3495	Outer_Full	87.72	93.26	/	Pass
	3500.01	Outer_Full	87.56	93.29	/	Pass
	3504.99	Outer_Full	87.63	93.47	/	Pass
DFT-s-OFDM 16 QAM	3495	Outer_Full	87.43	92.41	/	Pass
	3500.01	Outer_Full	87.40	92.76	/	Pass
	3504.99	Outer_Full	87.51	93.25	/	Pass
DFT-s-OFDM 64 QAM	3495	Outer_Full	87.25	92.80	/	Pass
	3500.01	Outer_Full	87.41	93.08	/	Pass
	3504.99	Outer_Full	87.69	92.72	/	Pass
DFT-s-OFDM 256 QAM	3495	Outer_Full	87.67	92.94	/	Pass
	3500.01	Outer_Full	87.68	93.13	/	Pass
	3504.99	Outer_Full	87.40	92.98	/	Pass
CP-OFDM QPSK	3495	Outer_Full	88.31	94.10	/	Pass
	3500.01	Outer_Full	88.10	94.21	/	Pass
	3504.99	Outer_Full	88.03	93.74	/	Pass
CP-OFDM 16 QAM	3495	Outer_Full	87.92	93.88	/	Pass
	3500.01	Outer_Full	87.81	93.80	/	Pass
	3504.99	Outer_Full	88.44	93.86	/	Pass
CP-OFDM 64 QAM	3495	Outer_Full	88.35	93.39	/	Pass
	3500.01	Outer_Full	88.30	94.08	/	Pass
	3504.99	Outer_Full	88.36	94.21	/	Pass
CP-OFDM 256 QAM	3495	Outer_Full	88.06	94.01	/	Pass
	3500.01	Outer_Full	88.11	93.44	/	Pass
	3504.99	Outer_Full	88.25	93.89	/	Pass

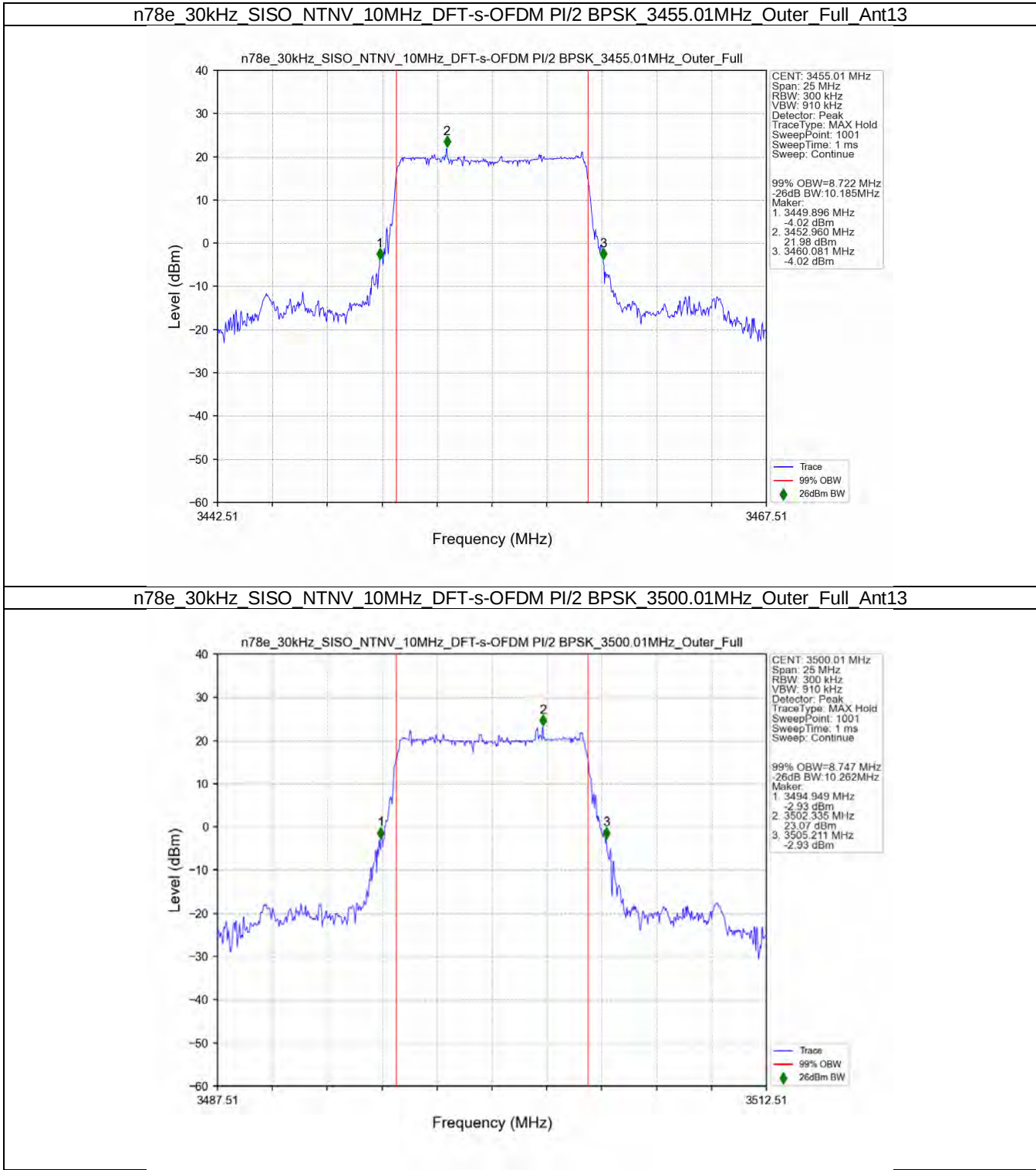
3.1.11 30k_SISO_100MHz_NTNV

5G NR n78e SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency	RB	99% Bandwidth	26dB Bandwidth	Limit	Verdict

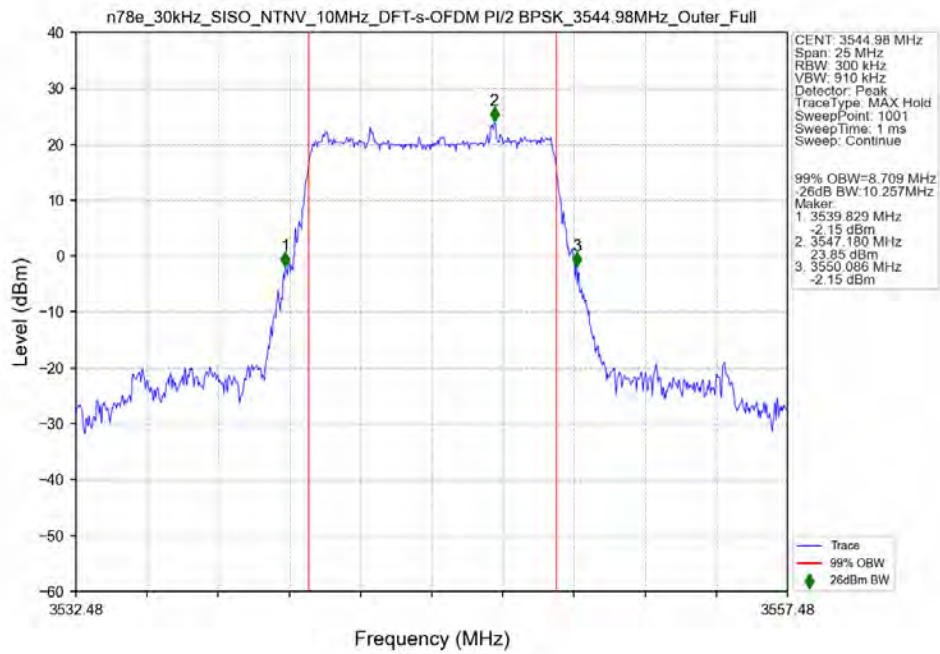
	(MHz)	Allocation	(MHz)	(MHz)	(MHz)	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	97.41	103.45	/	Pass
	3500.01	Outer_Full	97.05	103.38	/	Pass
	3499.98	Outer_Full	97.39	103.43	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	96.98	103.56	/	Pass
	3500.01	Outer_Full	97.44	103.73	/	Pass
	3499.98	Outer_Full	97.18	103.30	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	97.41	103.41	/	Pass
	3500.01	Outer_Full	96.99	103.06	/	Pass
	3499.98	Outer_Full	97.37	103.11	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	97.01	103.31	/	Pass
	3500.01	Outer_Full	97.06	103.56	/	Pass
	3499.98	Outer_Full	97.02	103.23	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	97.21	103.27	/	Pass
	3500.01	Outer_Full	97.07	103.46	/	Pass
	3499.98	Outer_Full	97.43	102.93	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	98.12	104.24	/	Pass
	3500.01	Outer_Full	98.14	104.57	/	Pass
	3499.98	Outer_Full	98.12	104.82	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	98.61	104.76	/	Pass
	3500.01	Outer_Full	98.33	104.88	/	Pass
	3499.98	Outer_Full	98.24	104.61	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	98.06	104.60	/	Pass
	3500.01	Outer_Full	97.97	104.38	/	Pass
	3499.98	Outer_Full	97.95	104.80	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	98.05	104.13	/	Pass
	3500.01	Outer_Full	98.28	104.50	/	Pass
	3499.98	Outer_Full	97.81	104.29	/	Pass

3.2 Test Graph

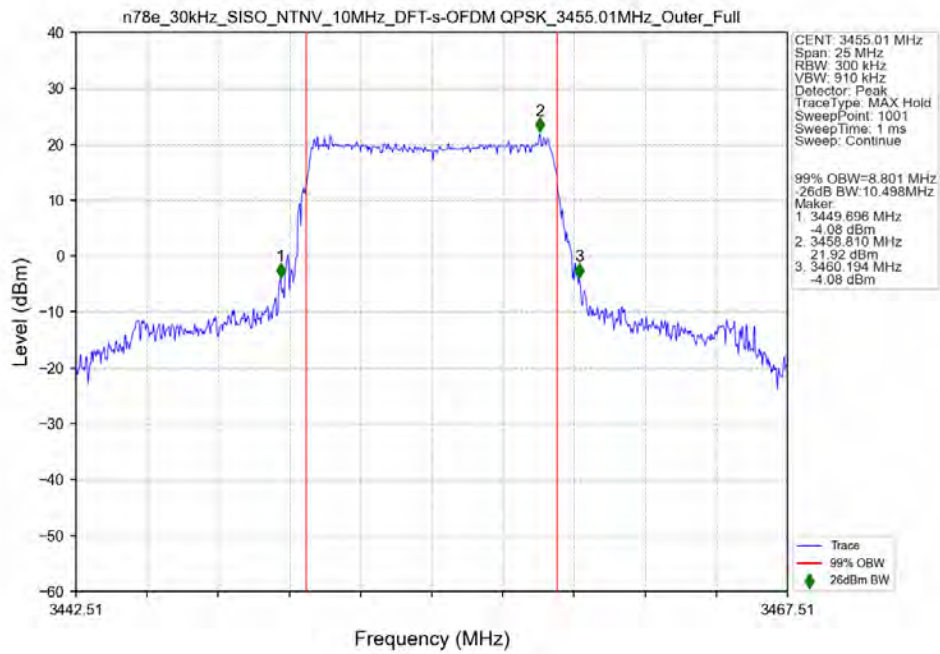
3.2.1 30k_SISO_10MHz_NTNV



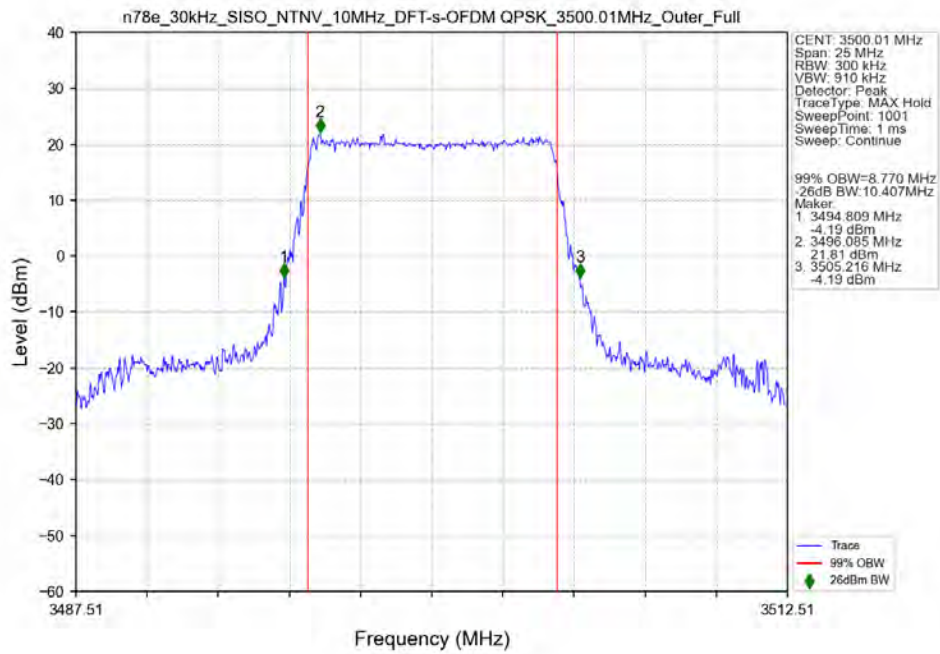
n78e 30kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 3544.98MHz Outer Full Ant13



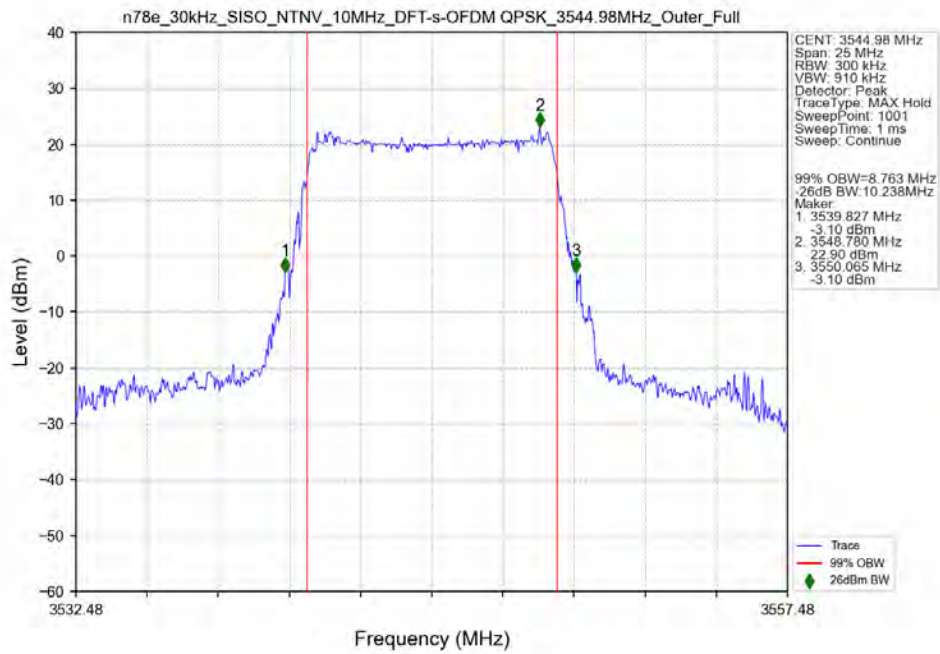
n78e 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3455.01MHz Outer Full Ant13



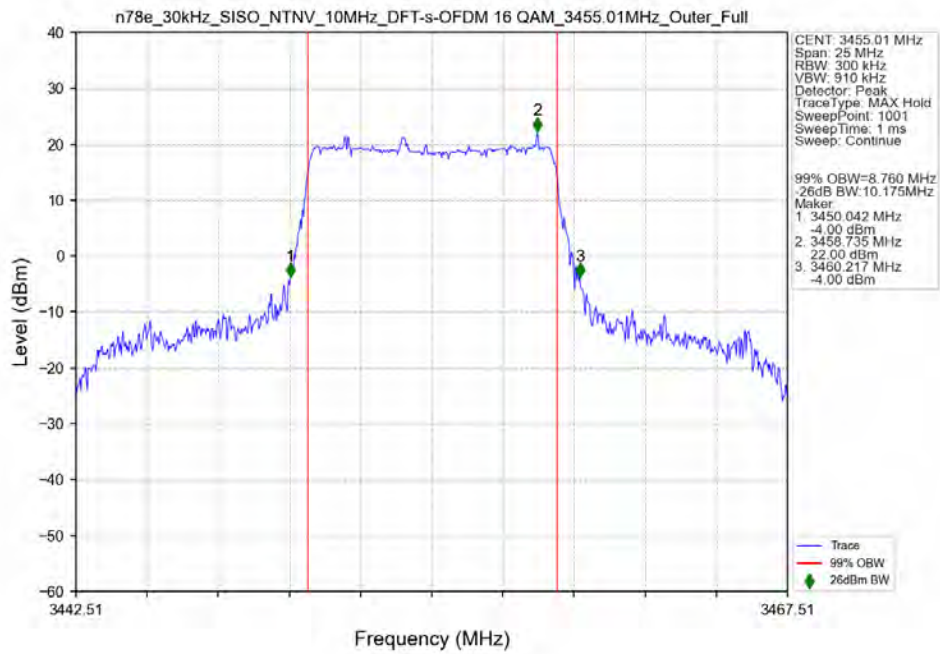
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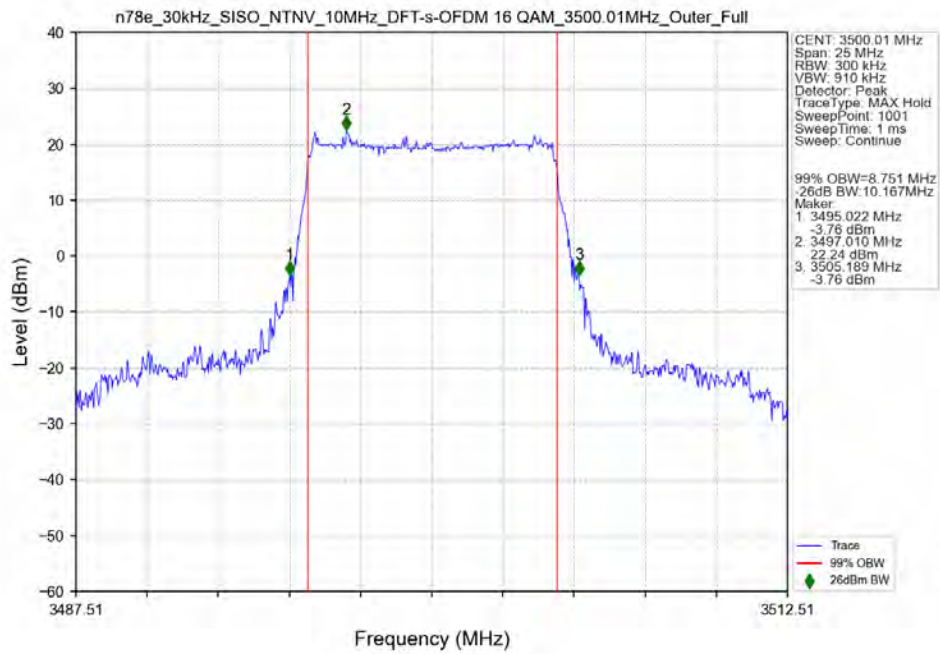
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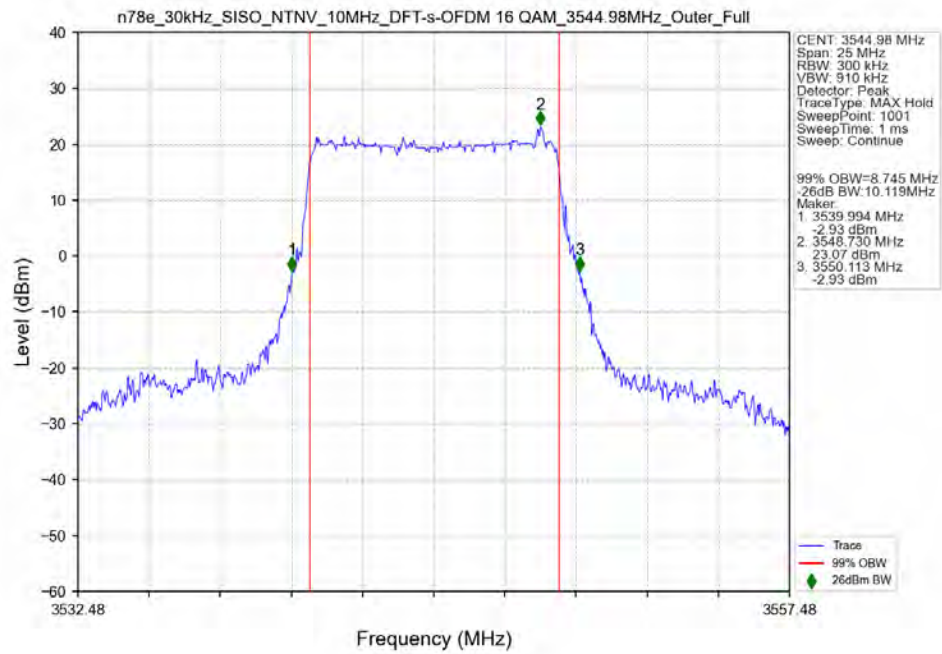
n78e_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_3455.01MHz_Outer_Full_Ant13



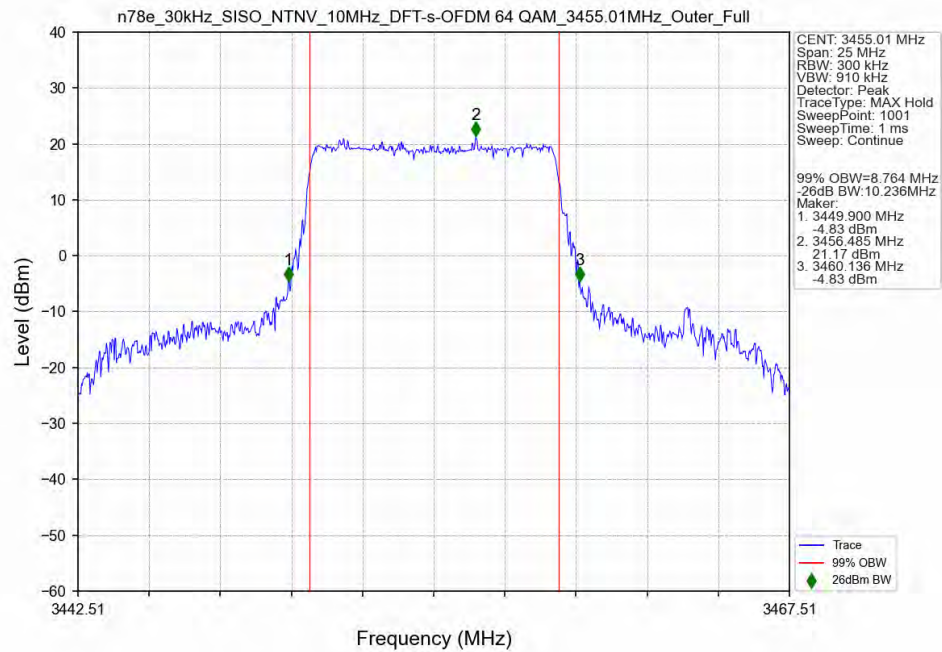
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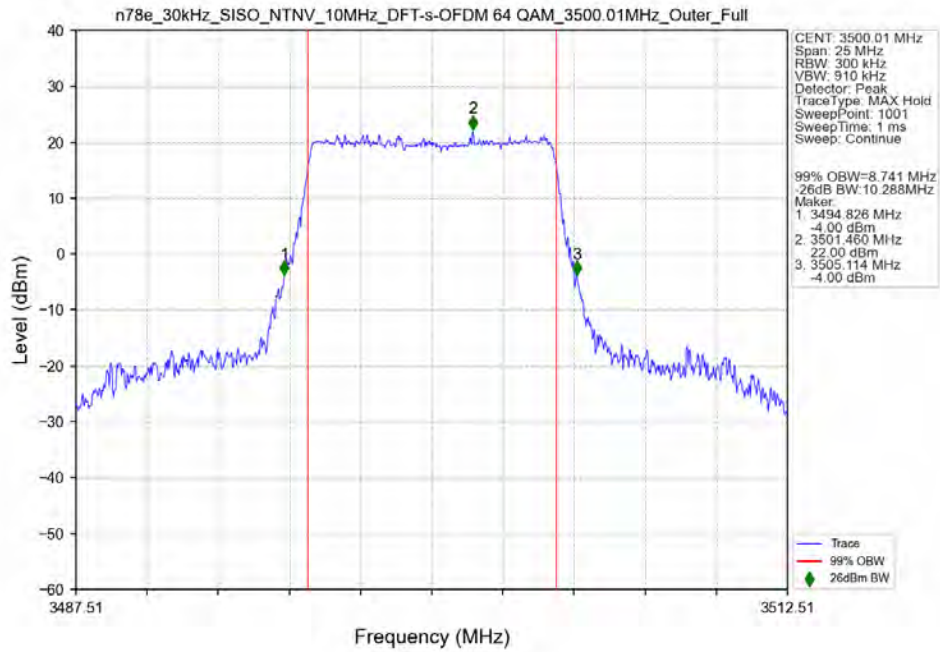
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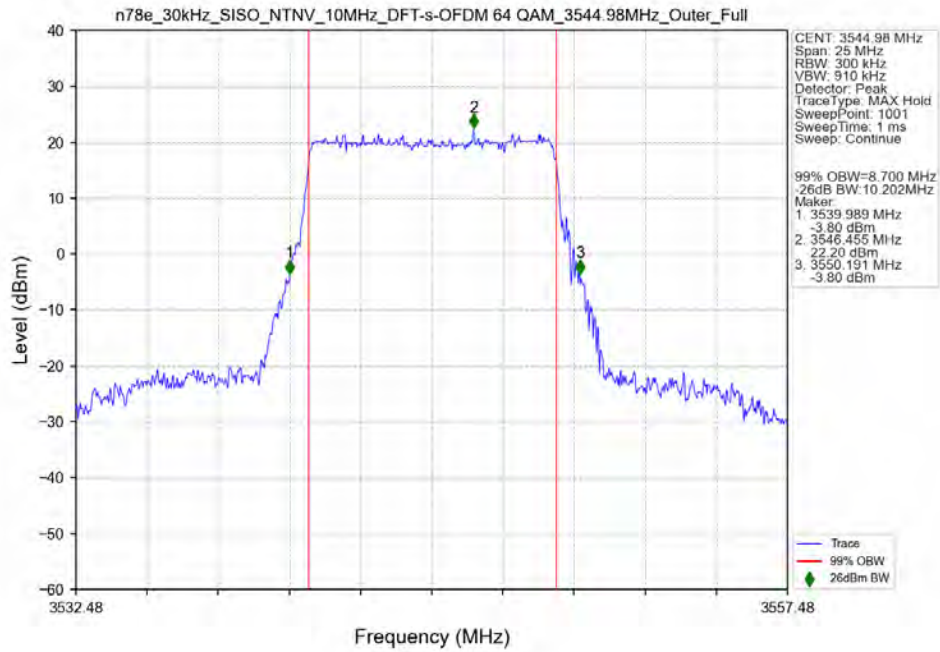
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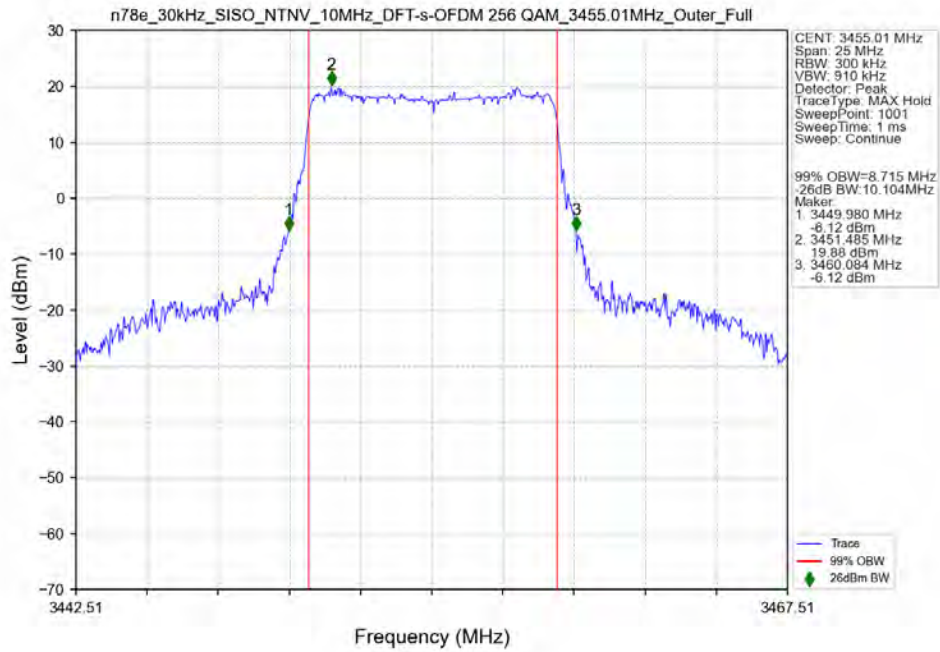
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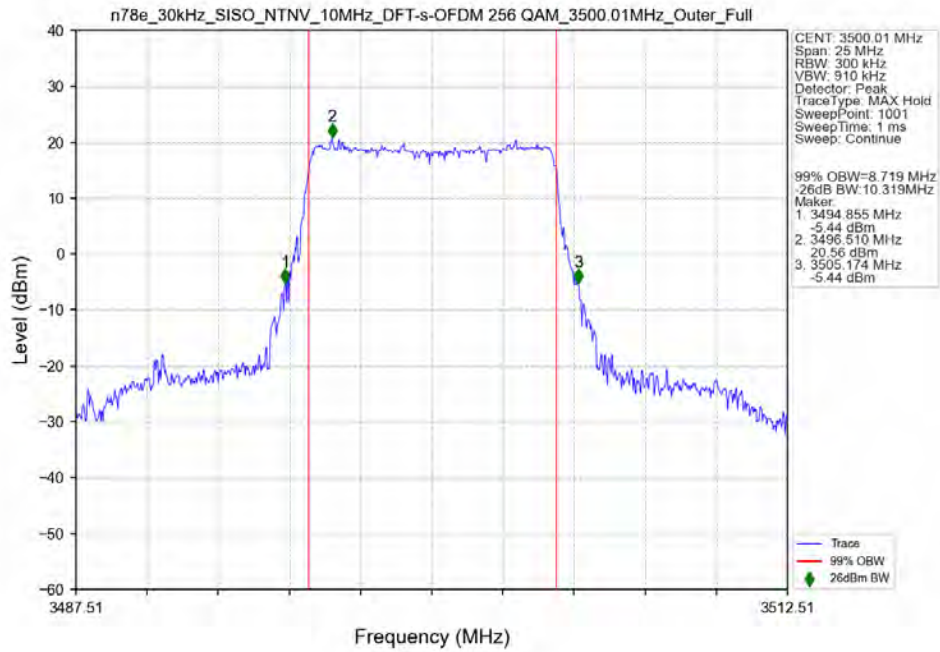
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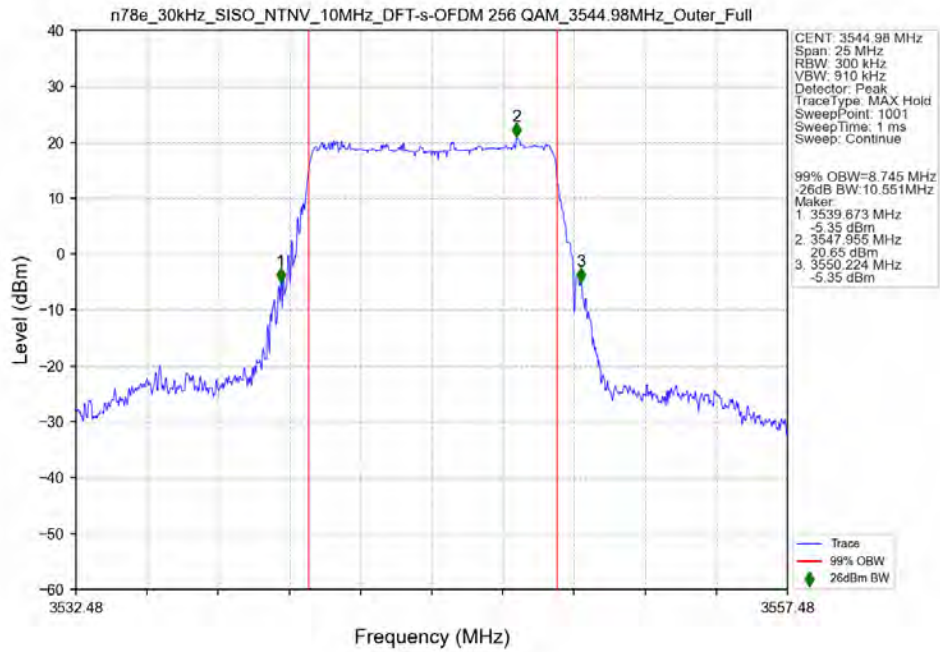
n78e 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 3455.01MHz Outer Full Ant13



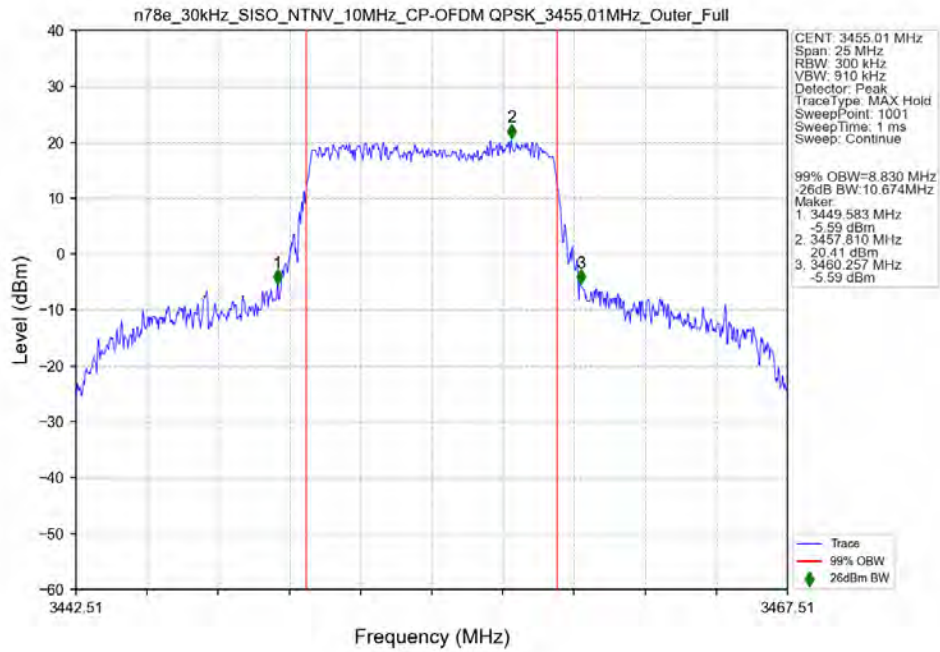
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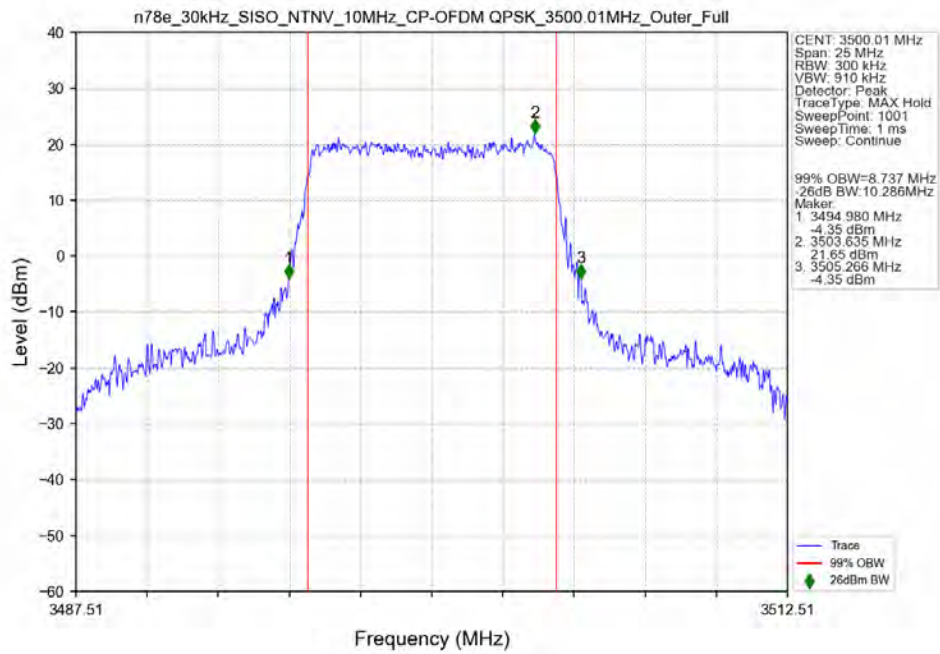
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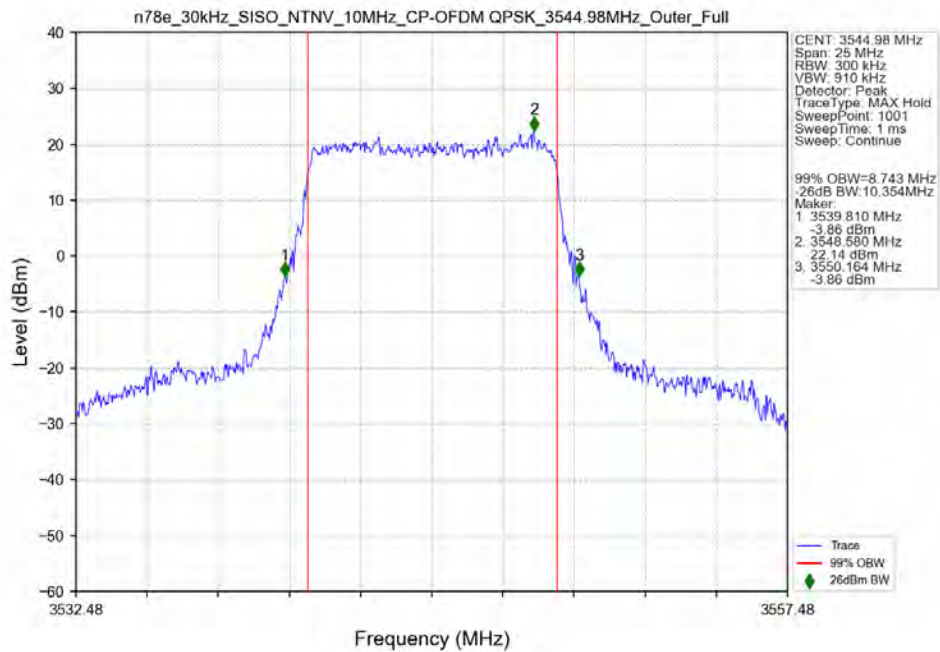
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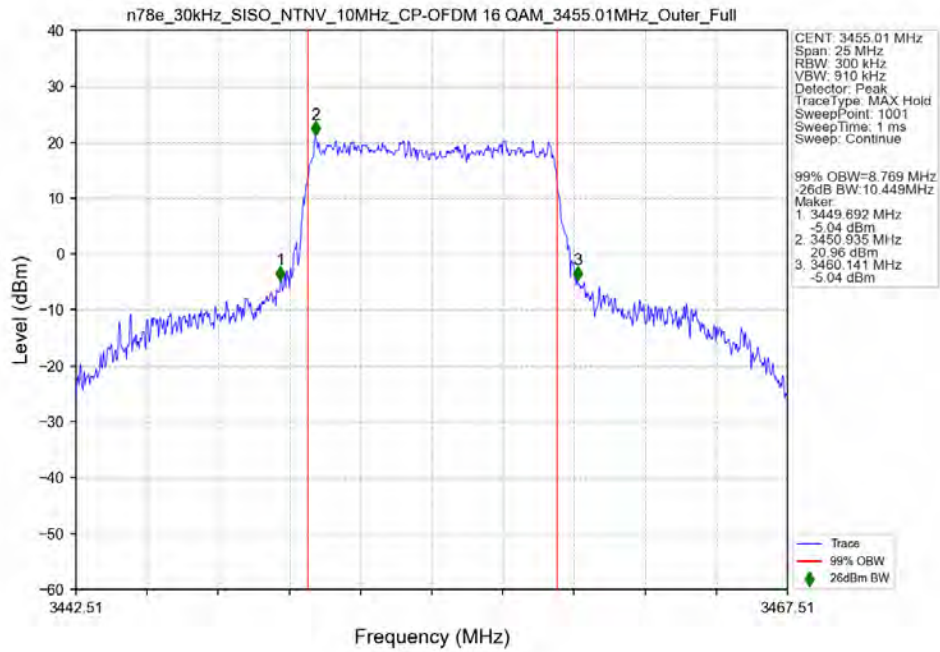
n78e_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant13



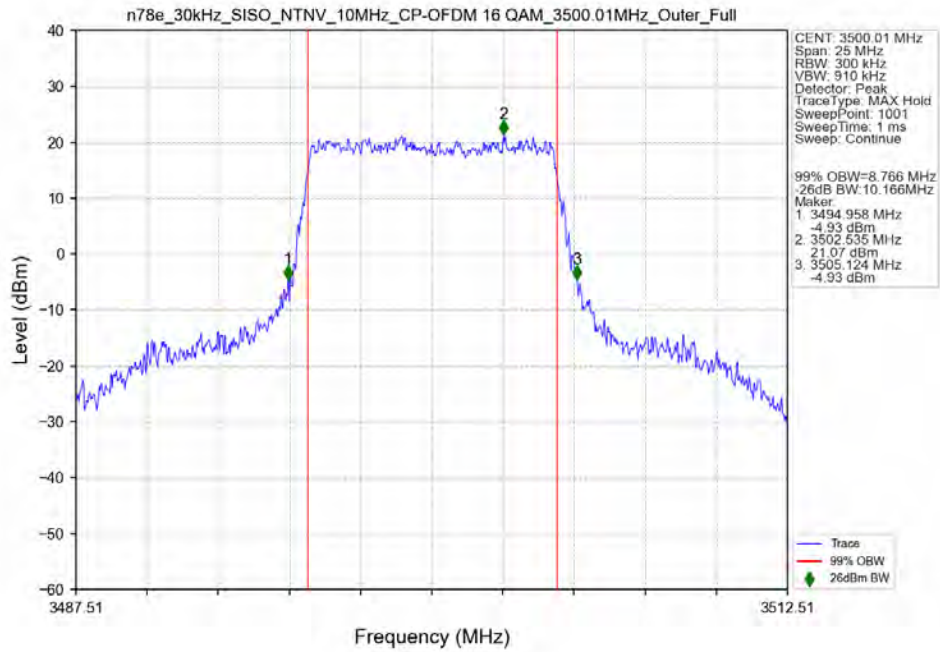
n78e_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3544.98MHz_Outer_Full_Ant13



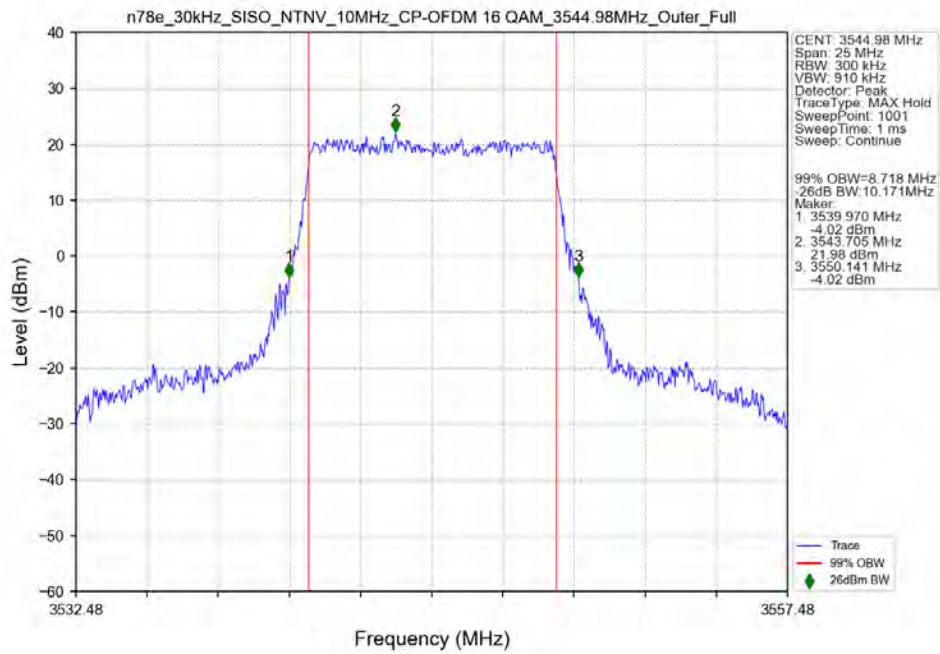
n78e_30kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_3455.01MHz_Outer_Full_Ant13



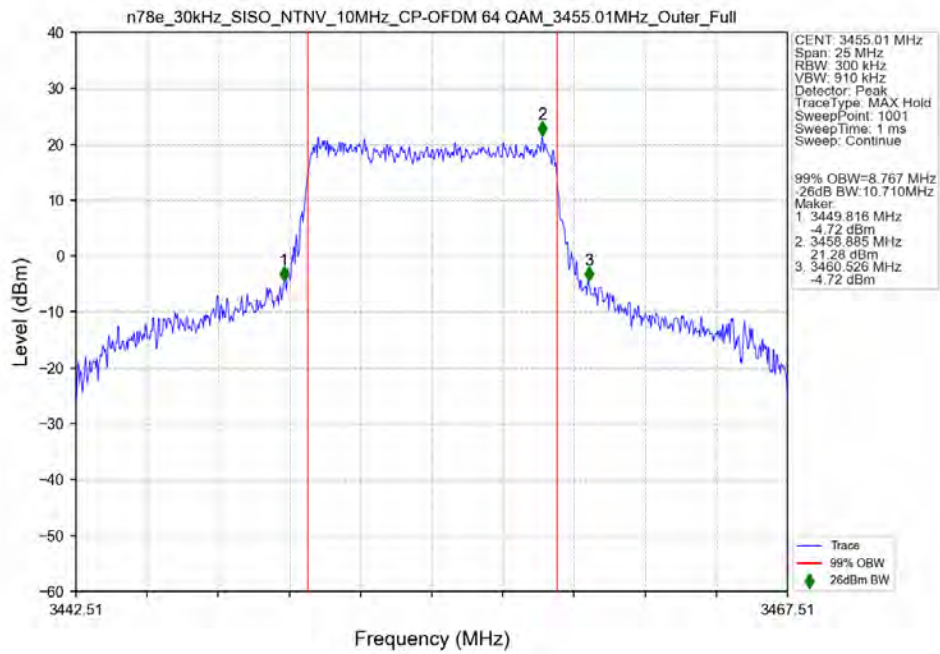
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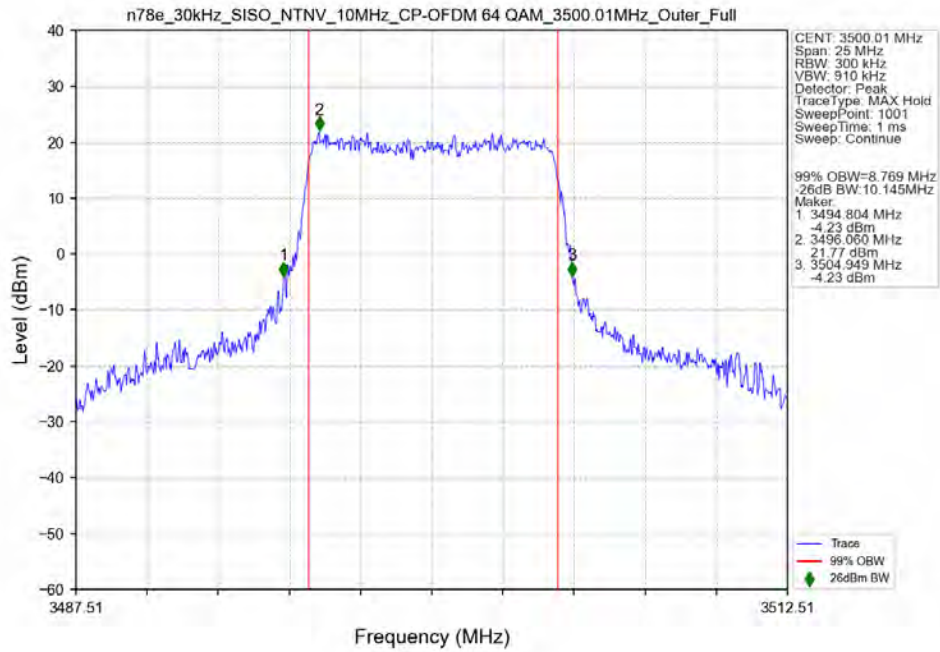
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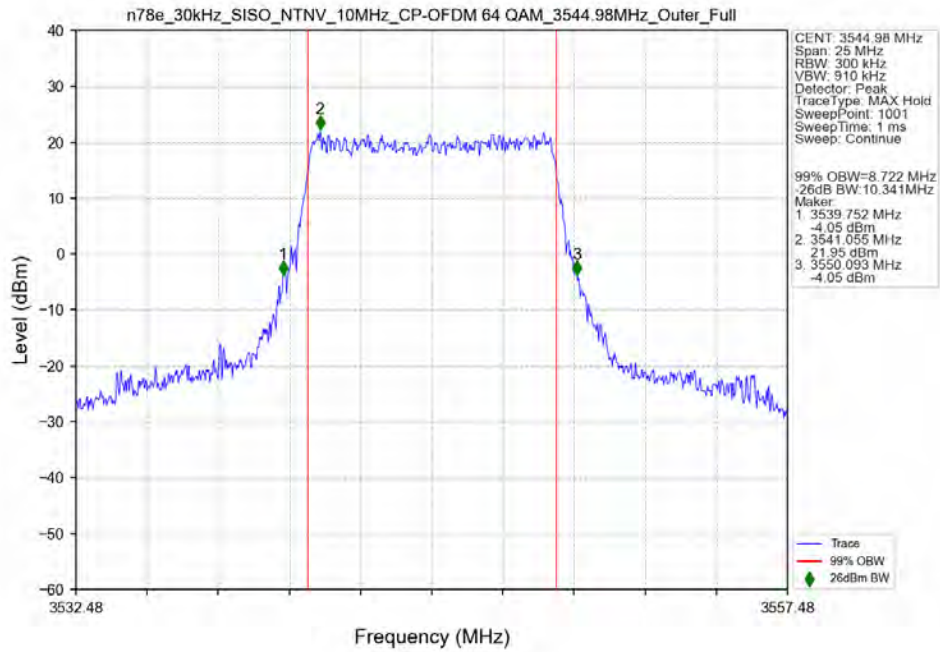
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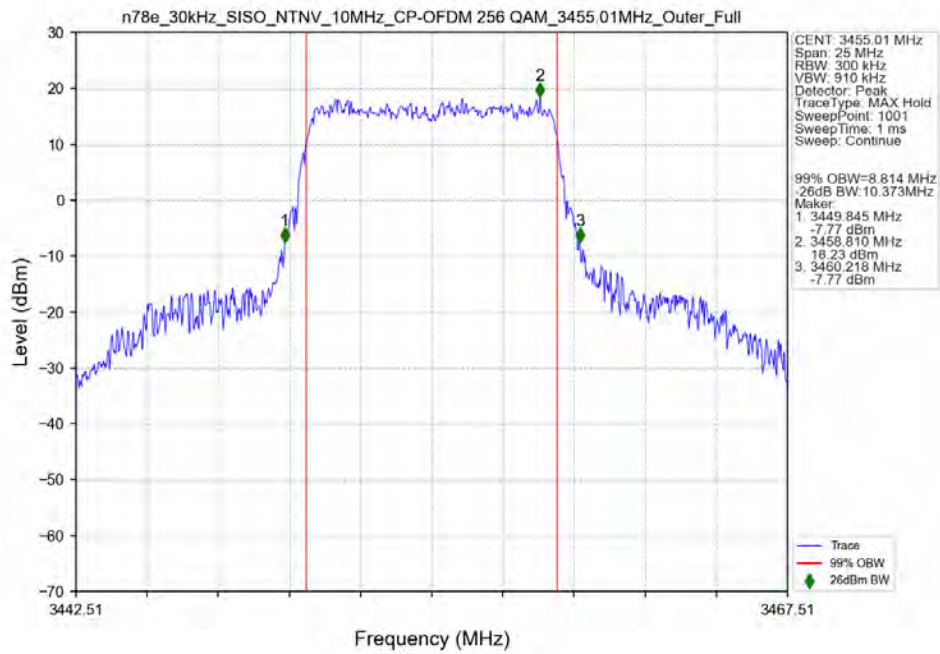
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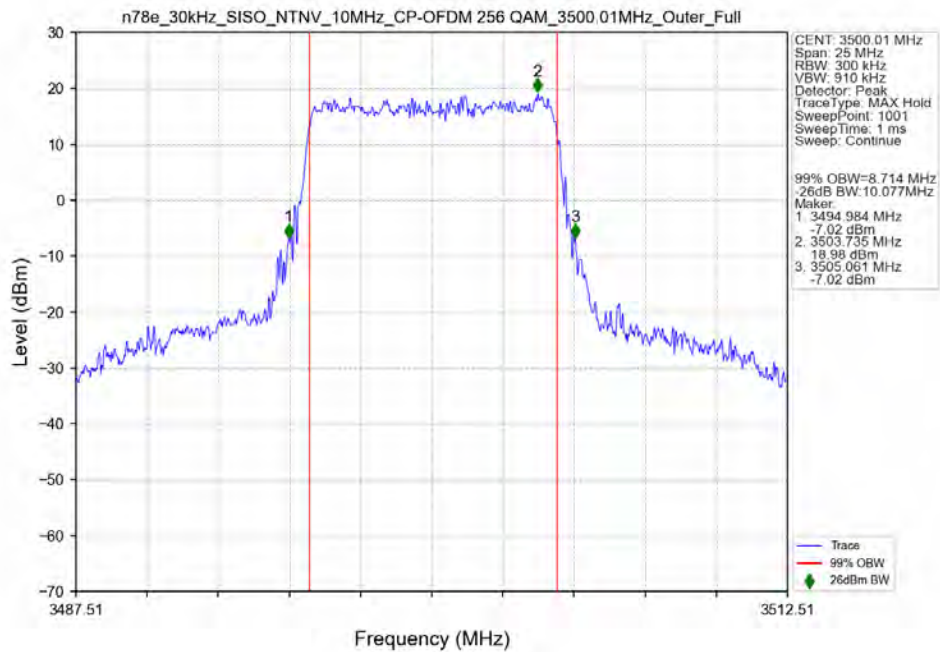
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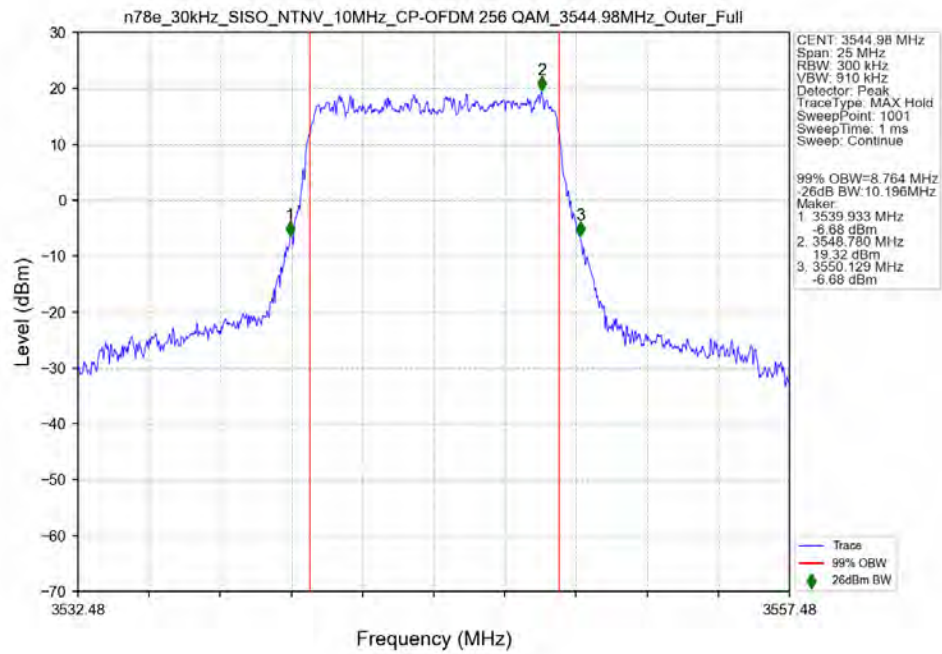
n78e_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3455.01MHz_Outer_Full_Ant13



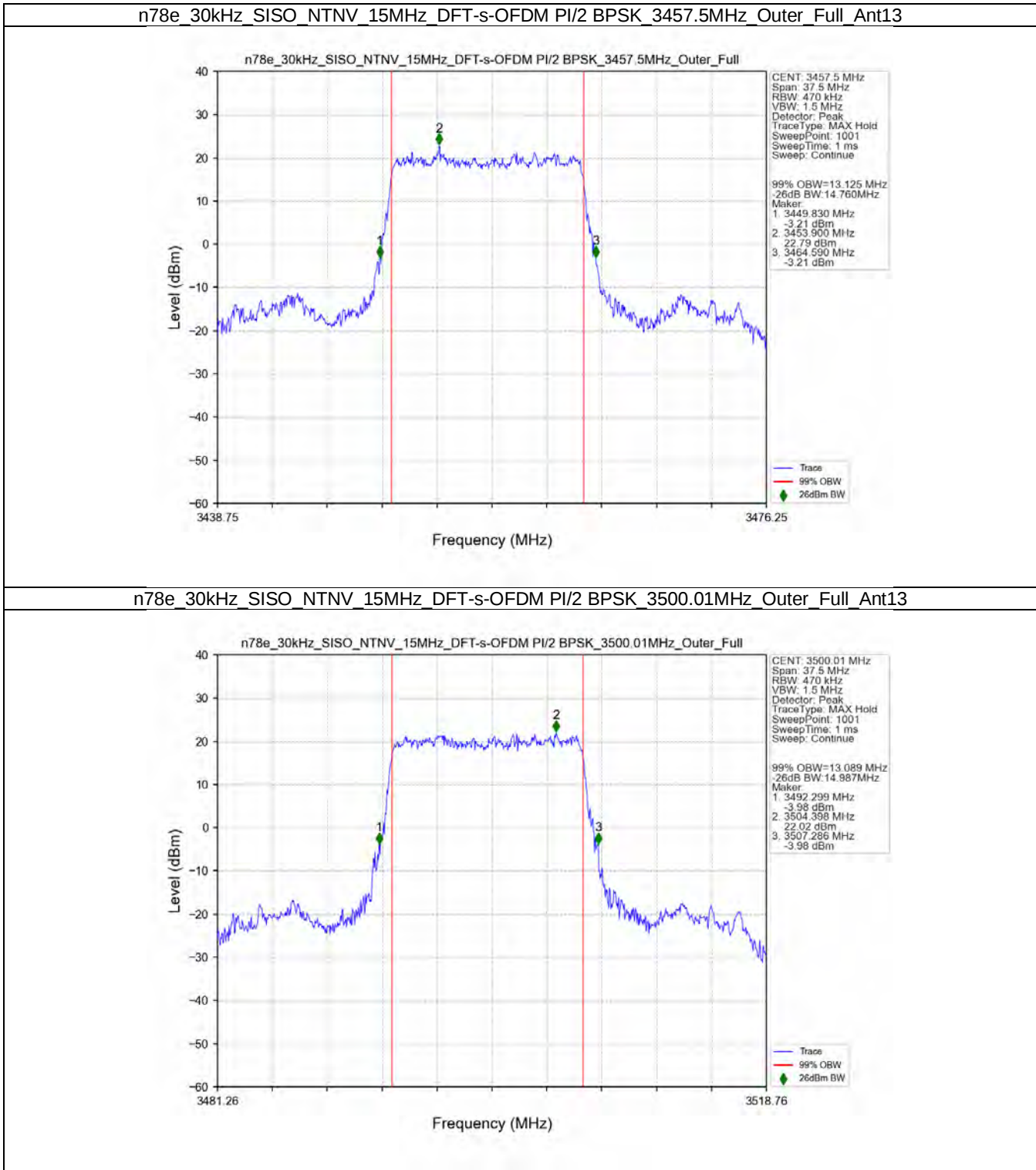
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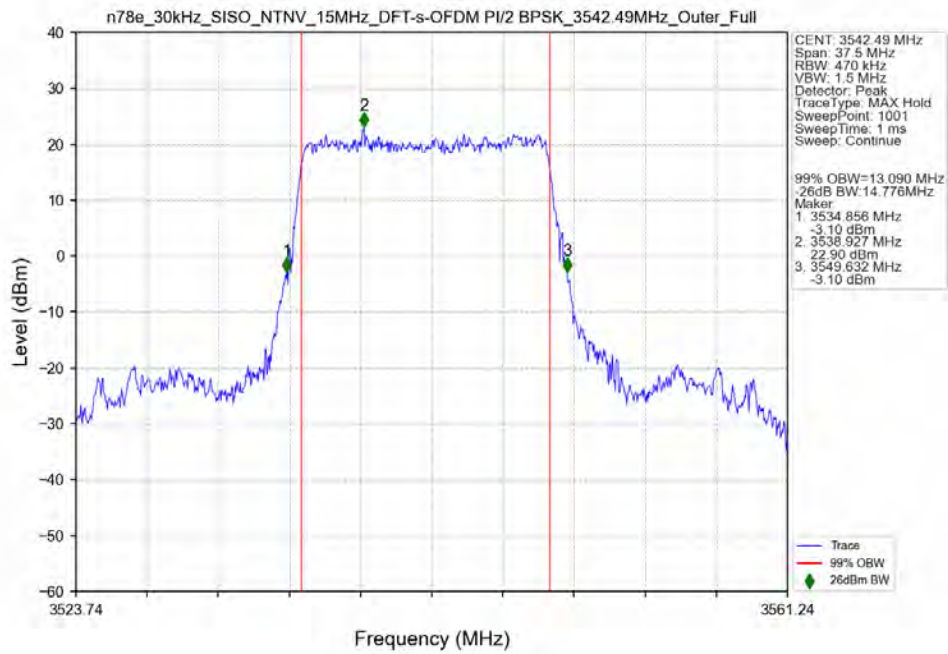
n78e 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 3544.98MHz Outer Full Ant13



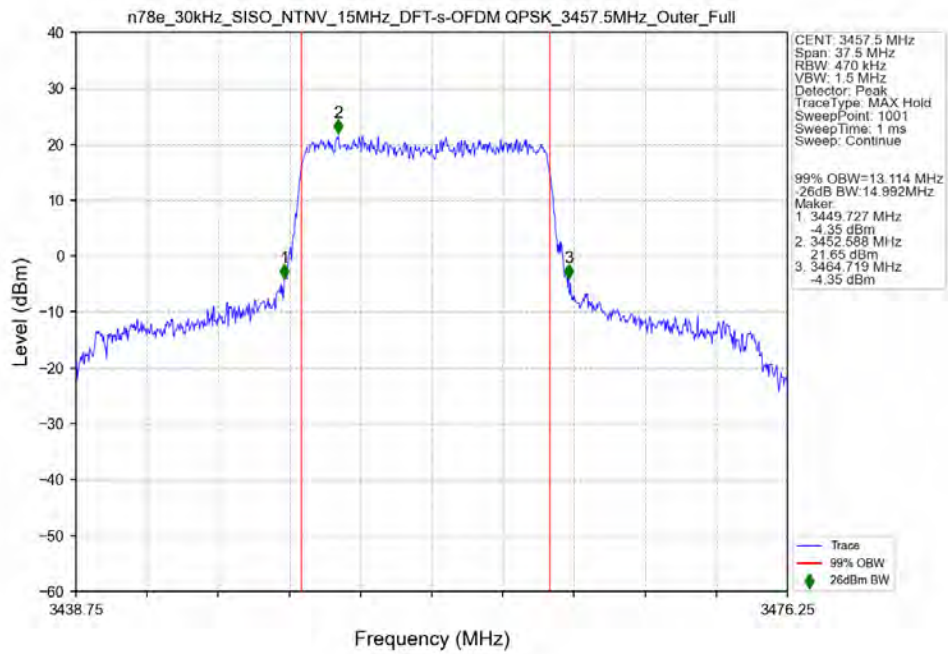
3.2.2 30k_SISO_15MHz_NTNV



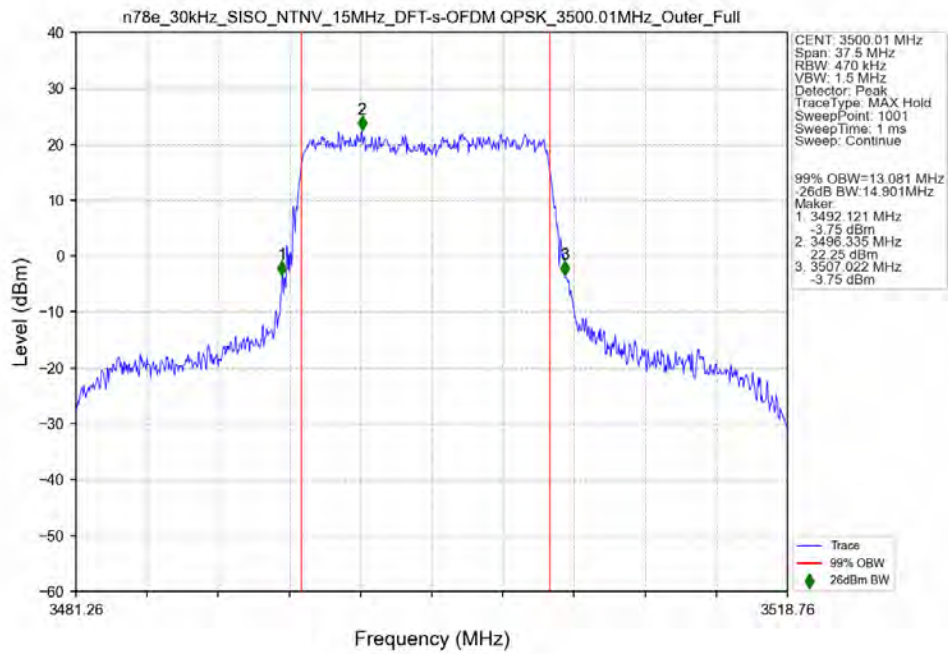
n78e 30kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 3542.49MHz Outer Full Ant13



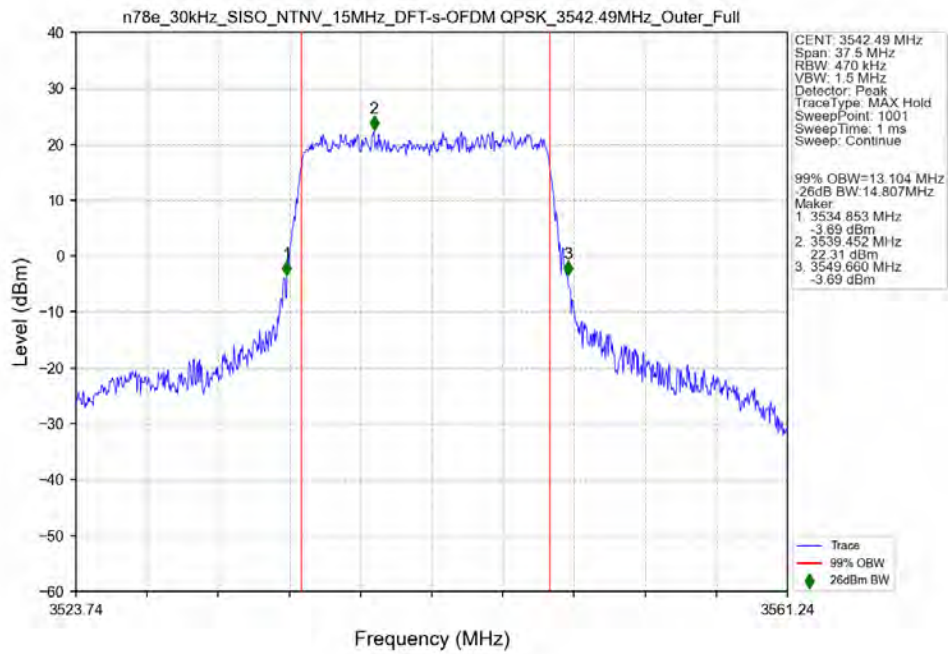
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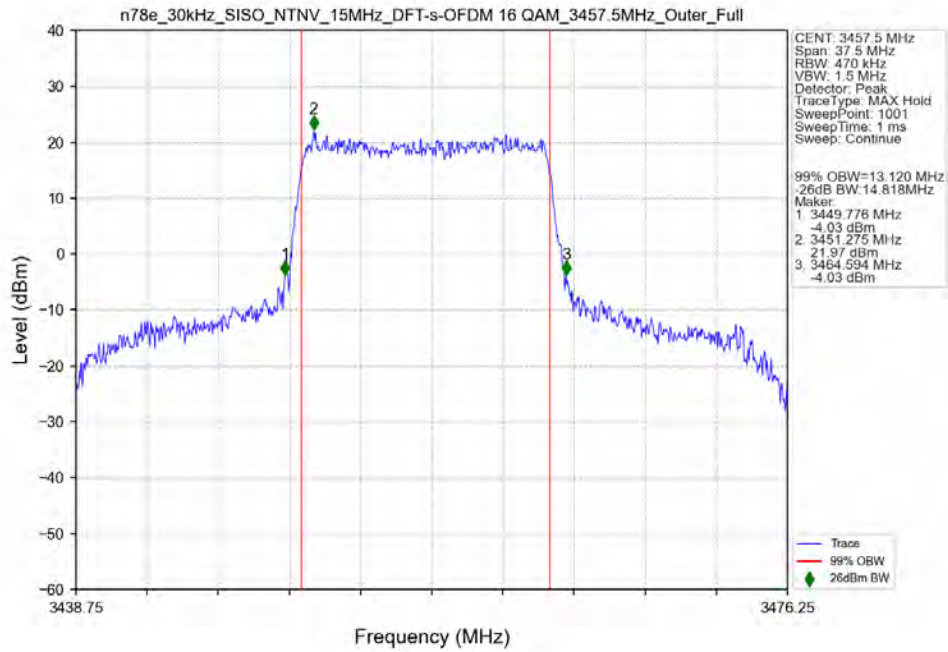
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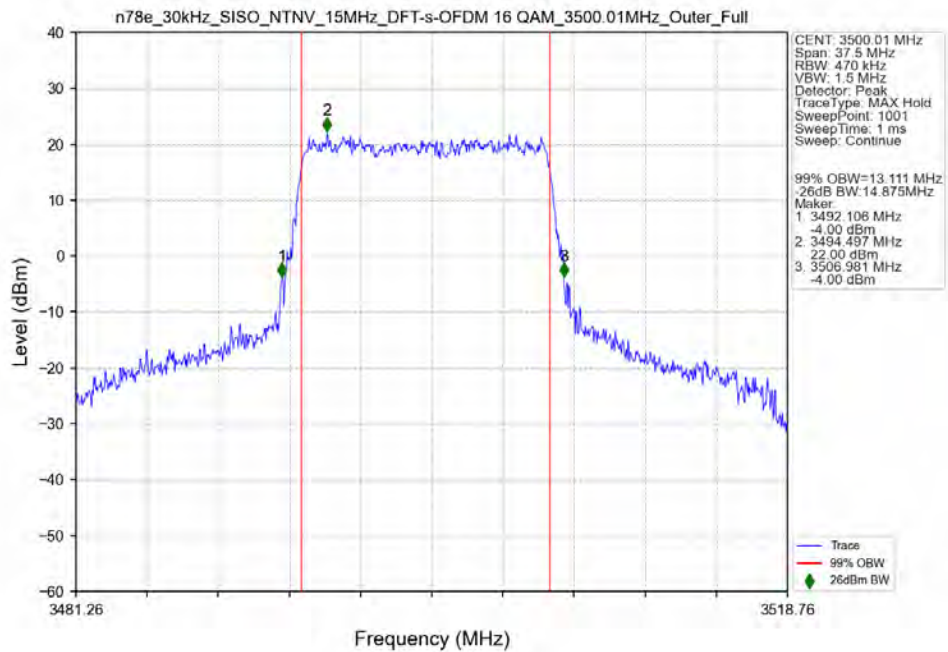
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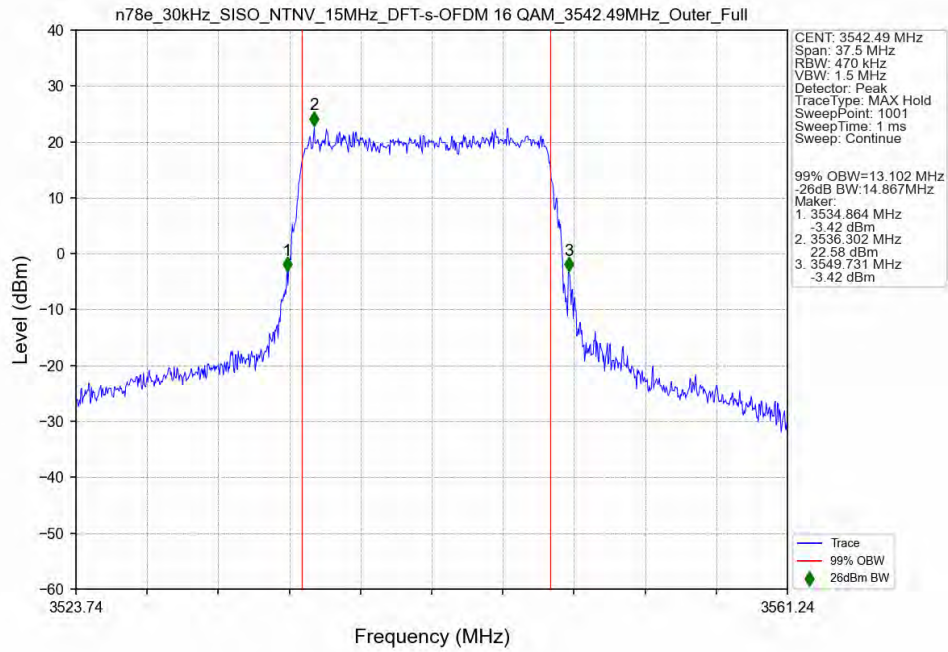
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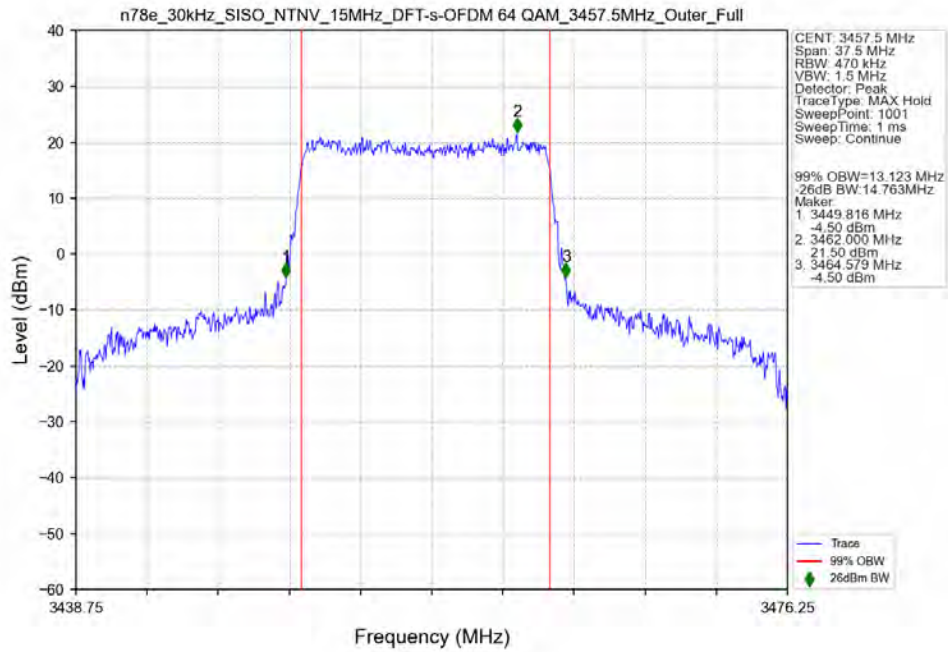
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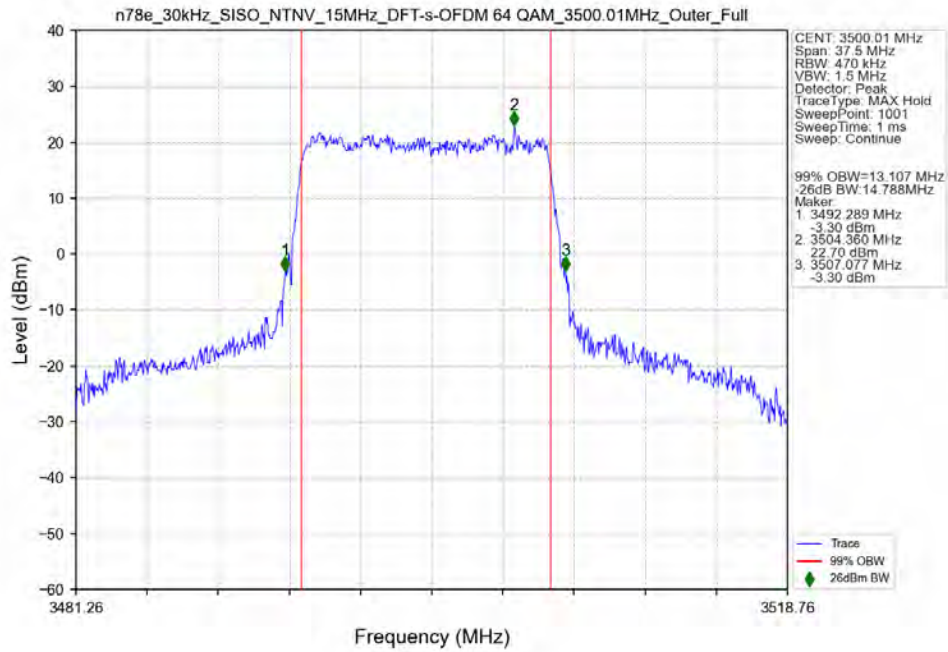
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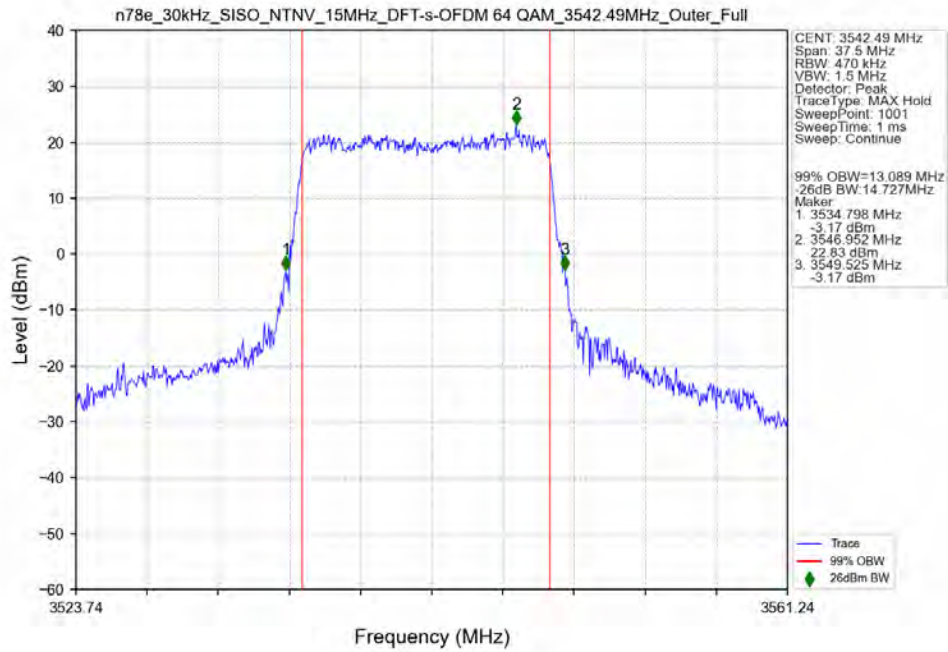
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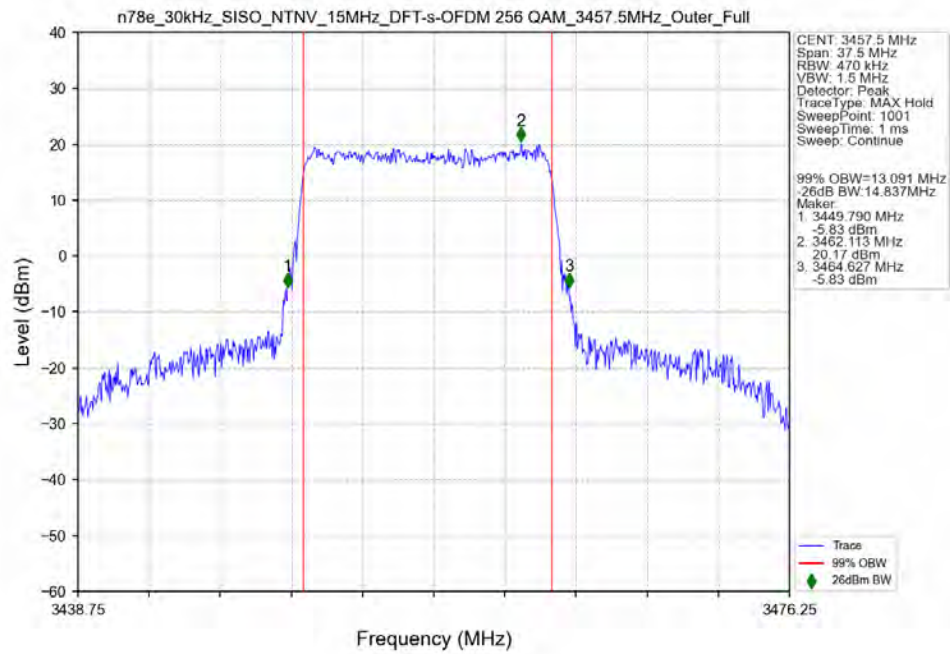
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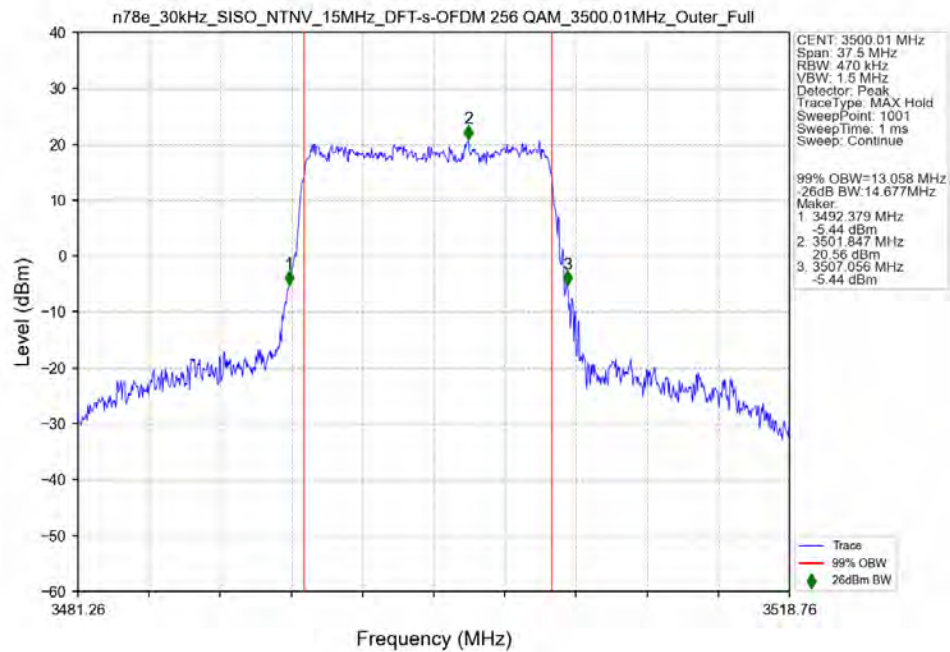
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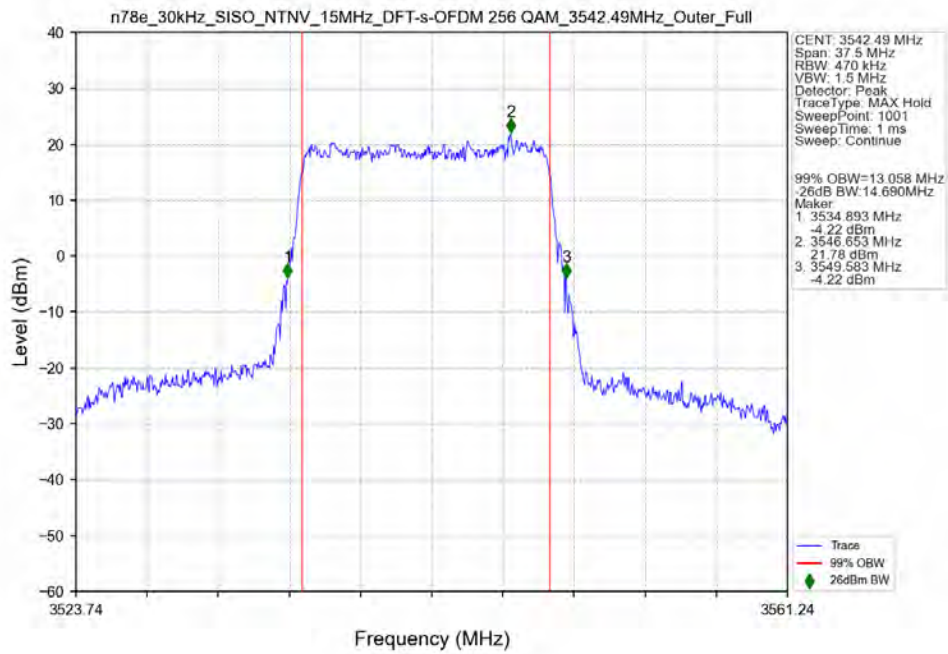
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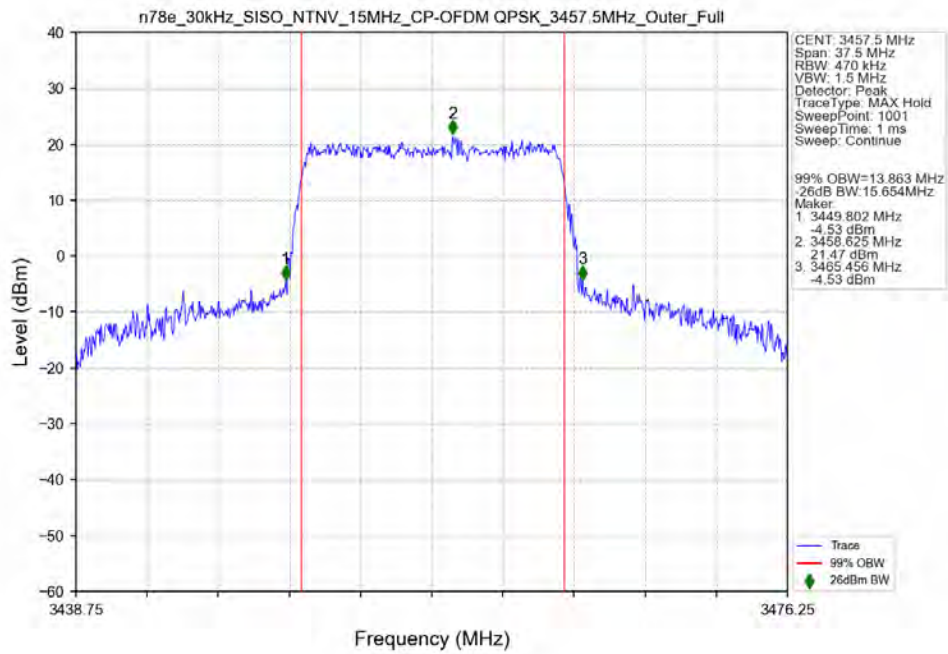
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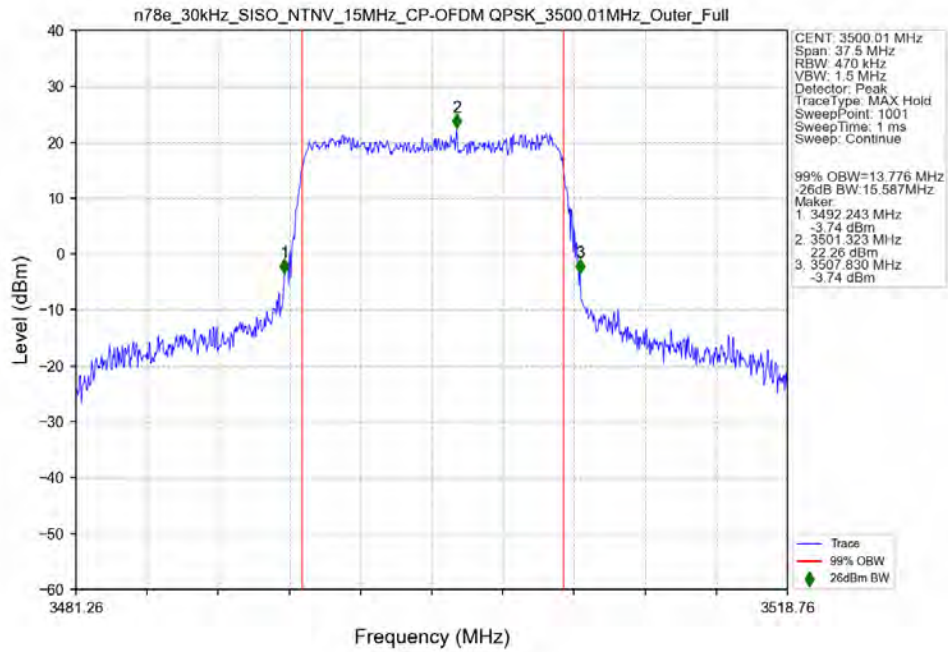
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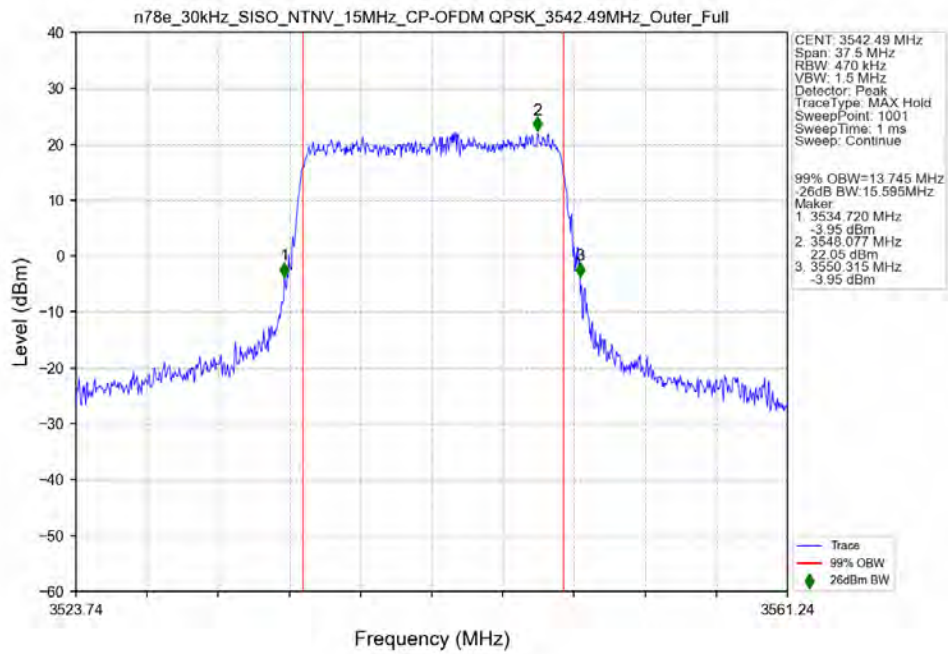
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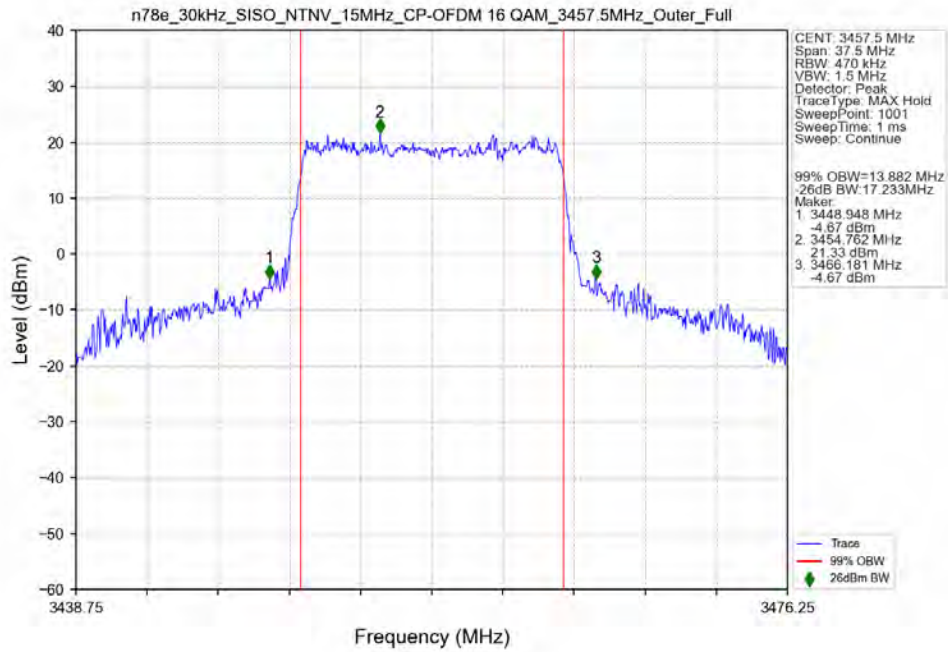
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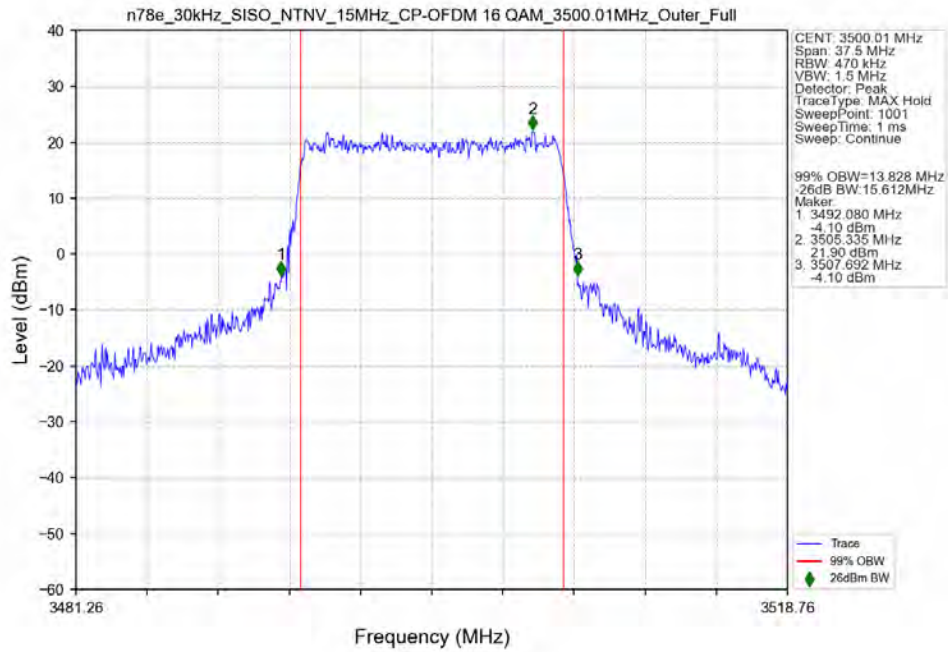
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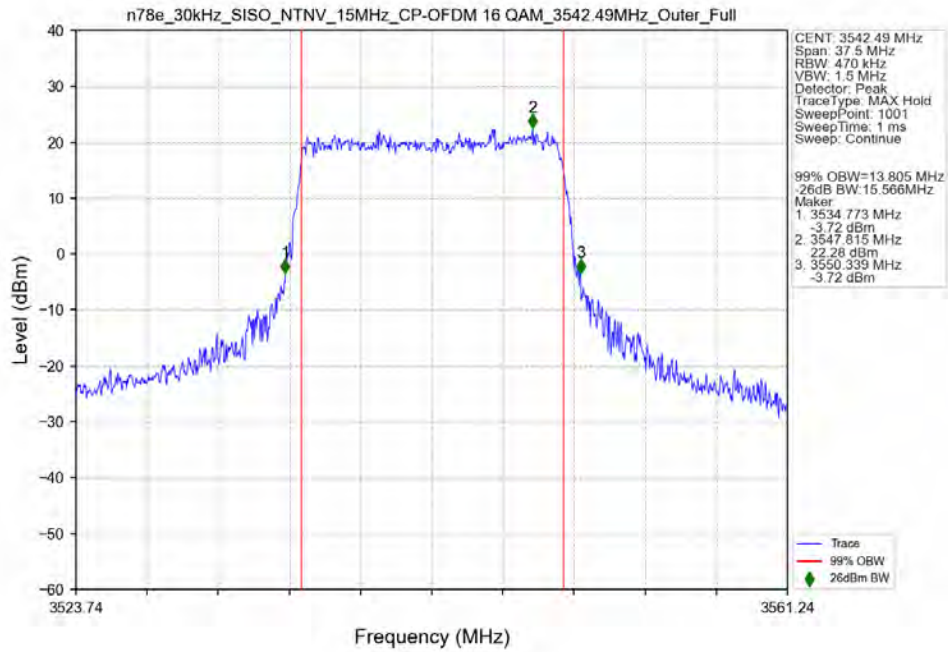
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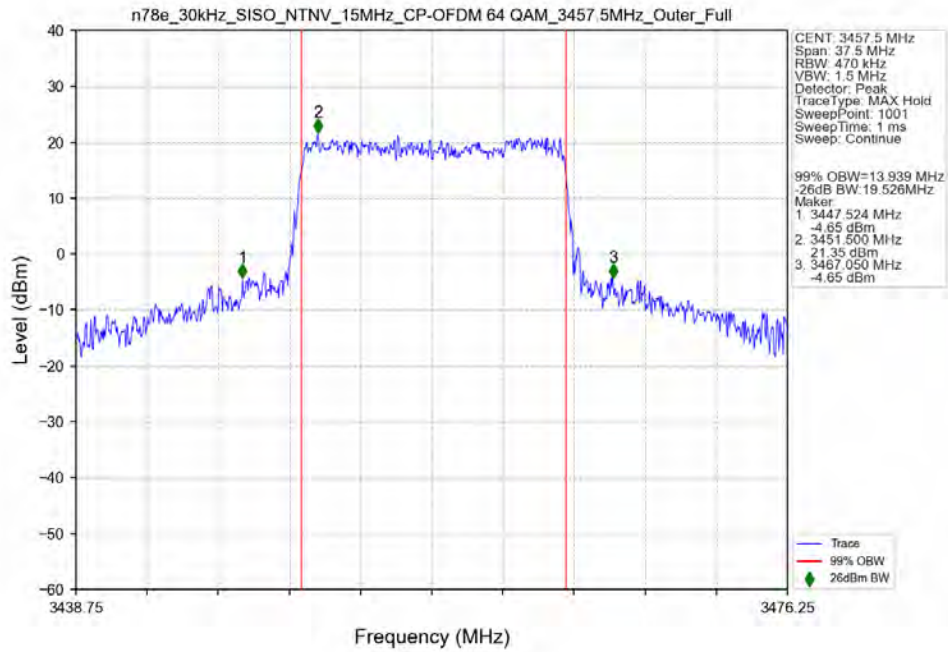
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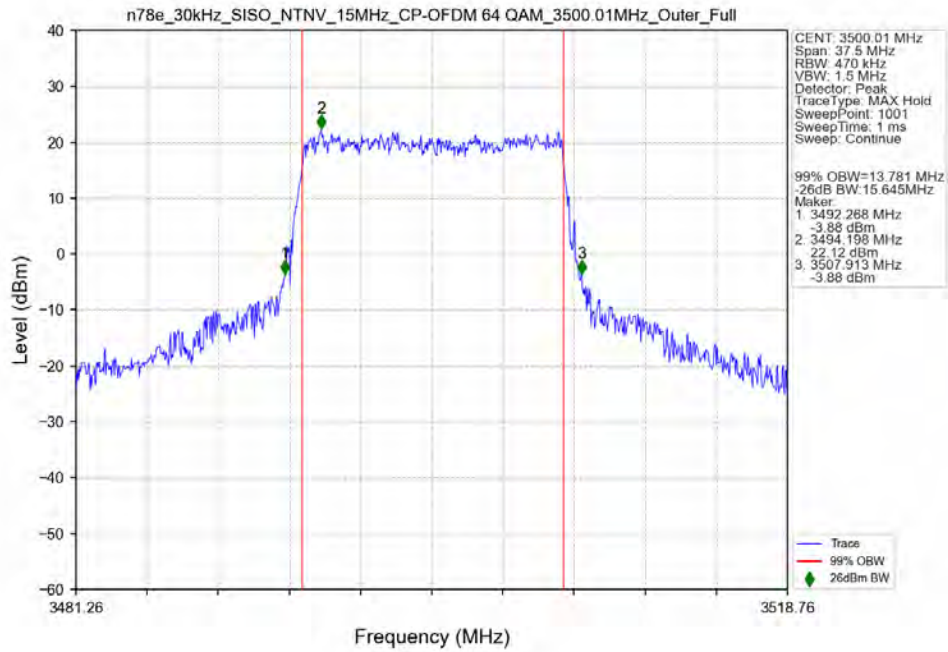
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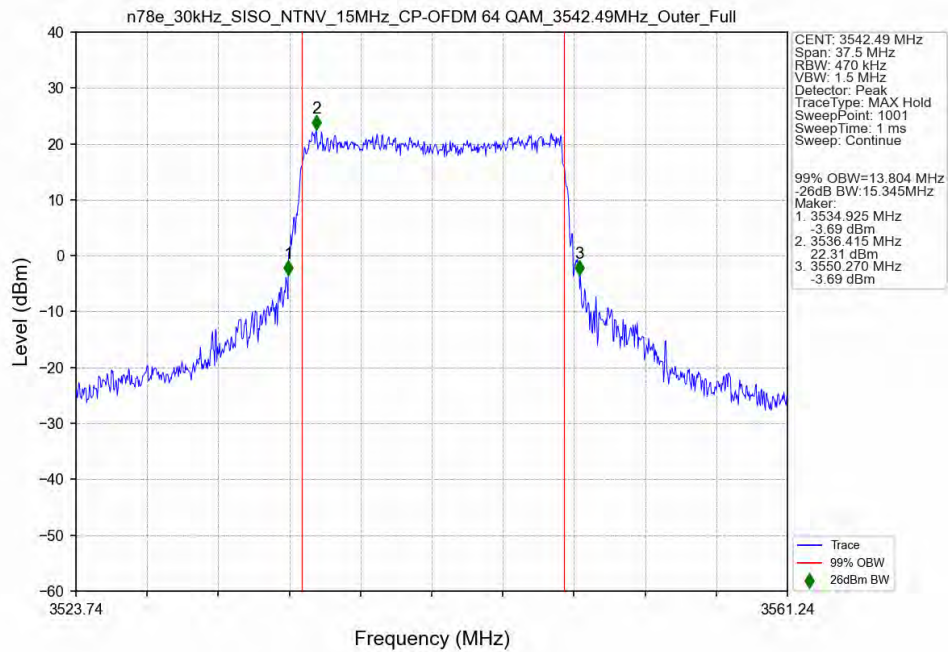
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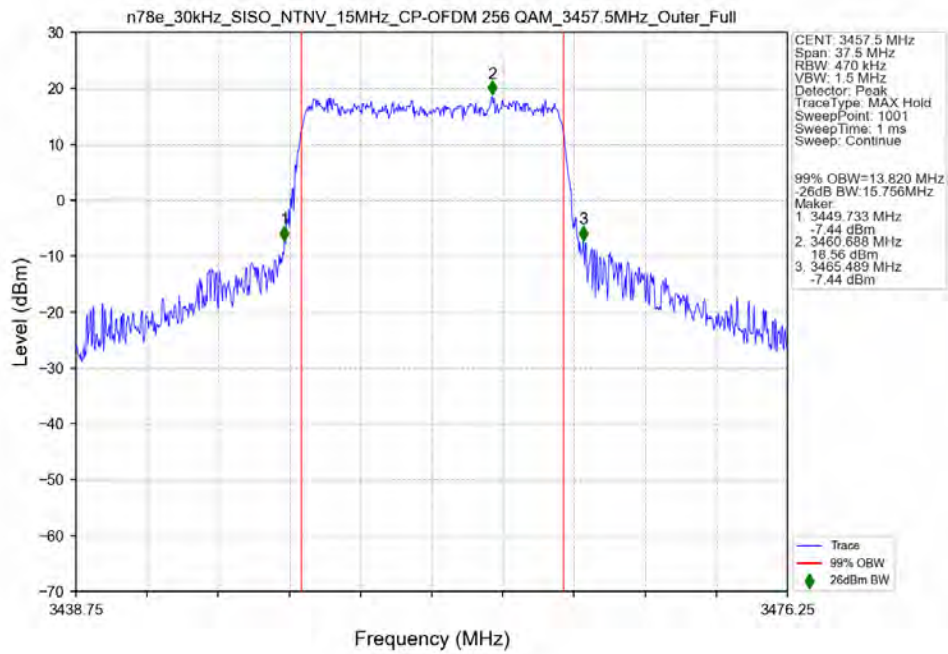
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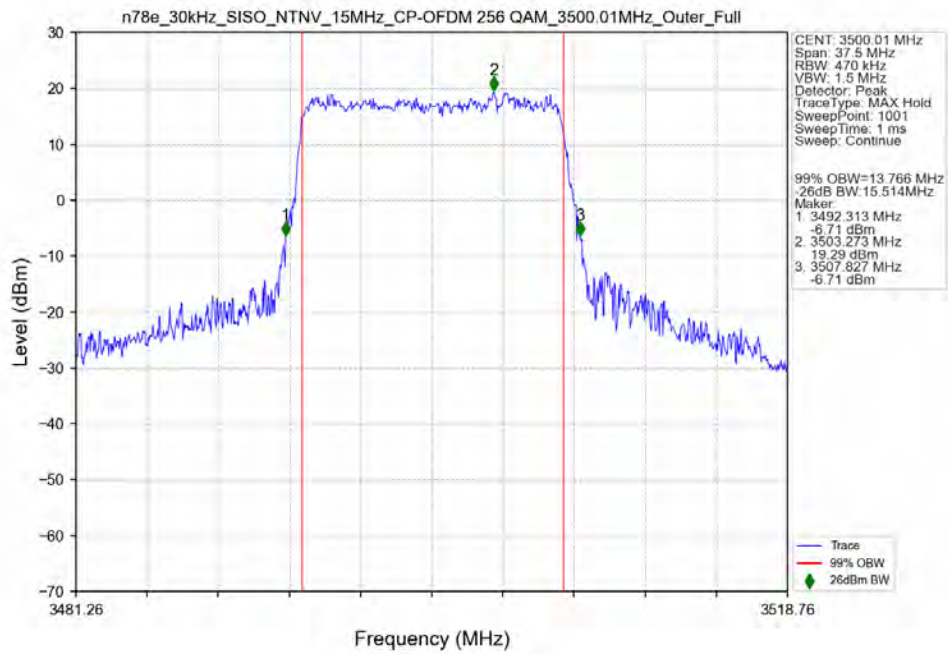
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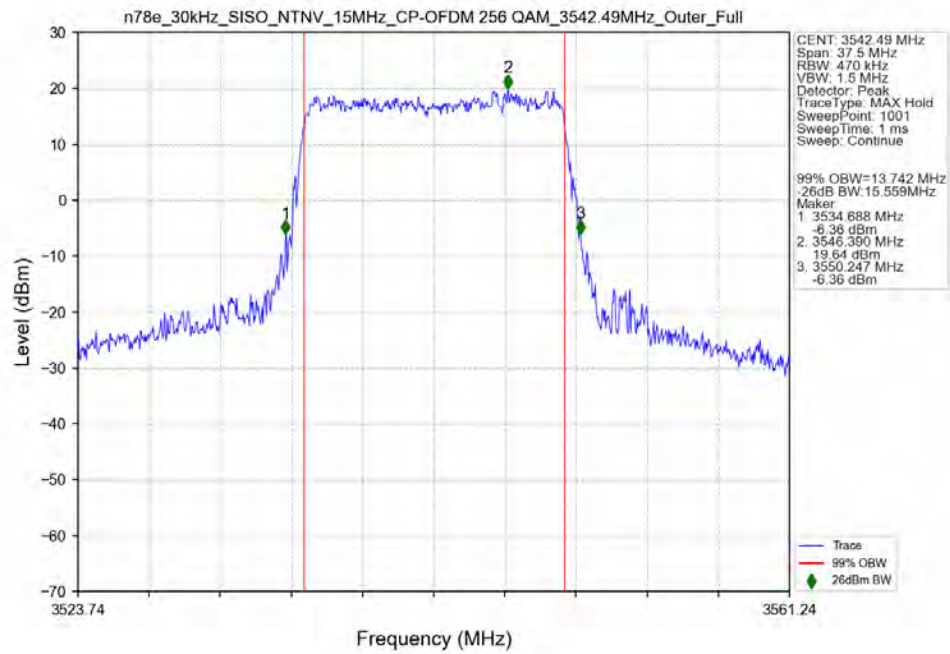
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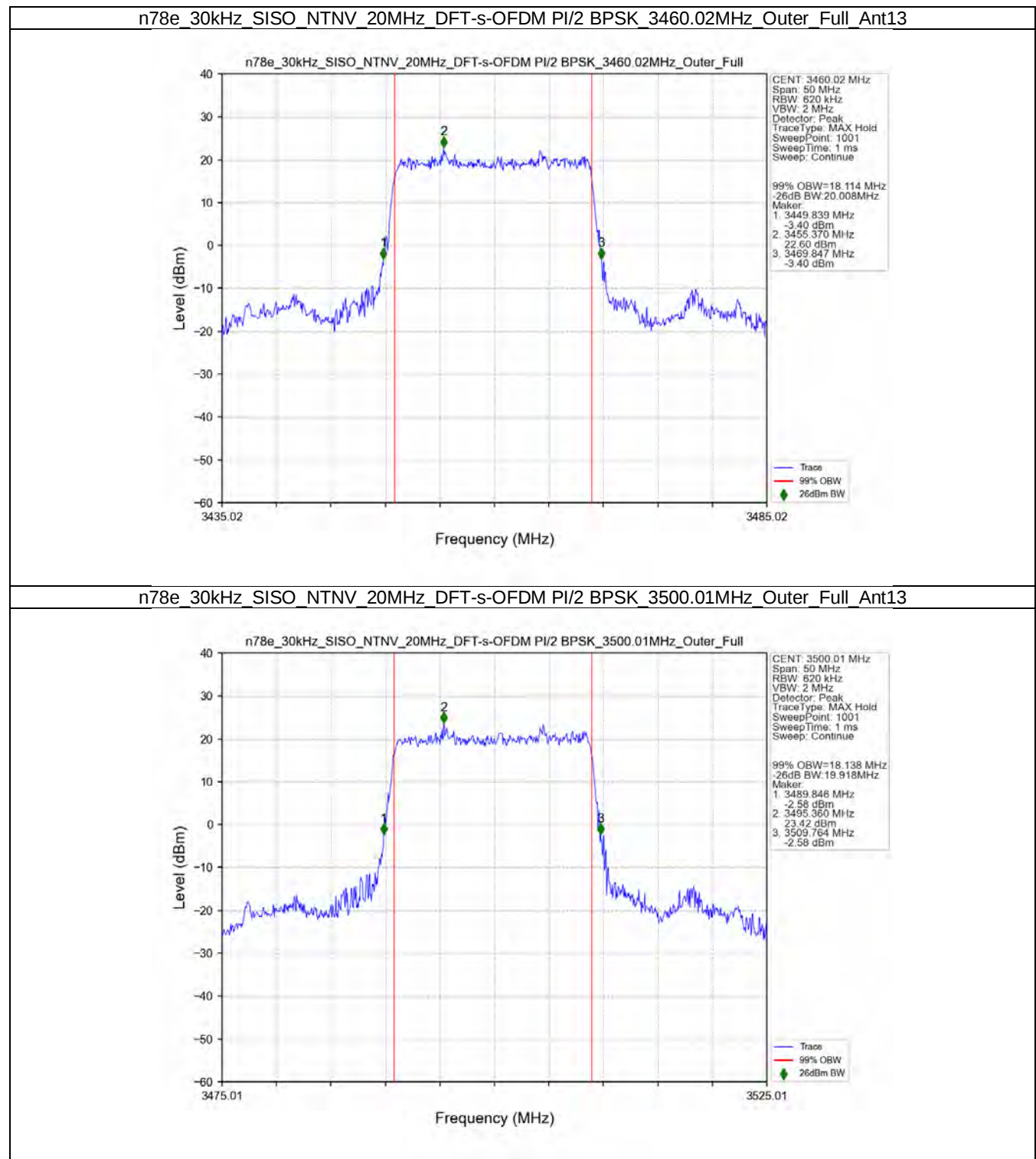
n78e_30kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant13



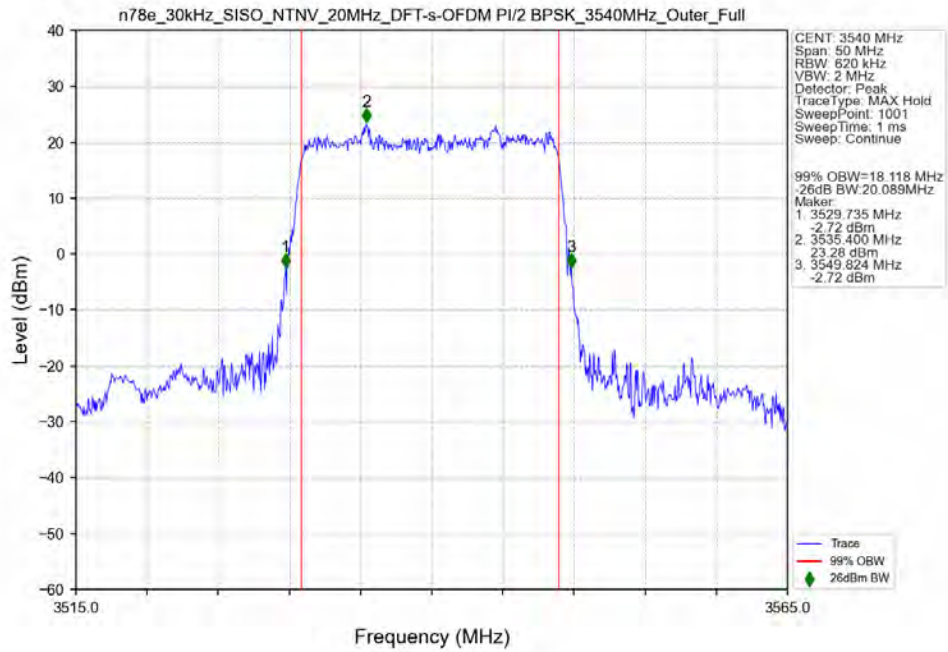
n78e 30kHz SISO NTN 15MHz CP-OFDM 256 QAM 3542.49MHz Outer Full Ant13



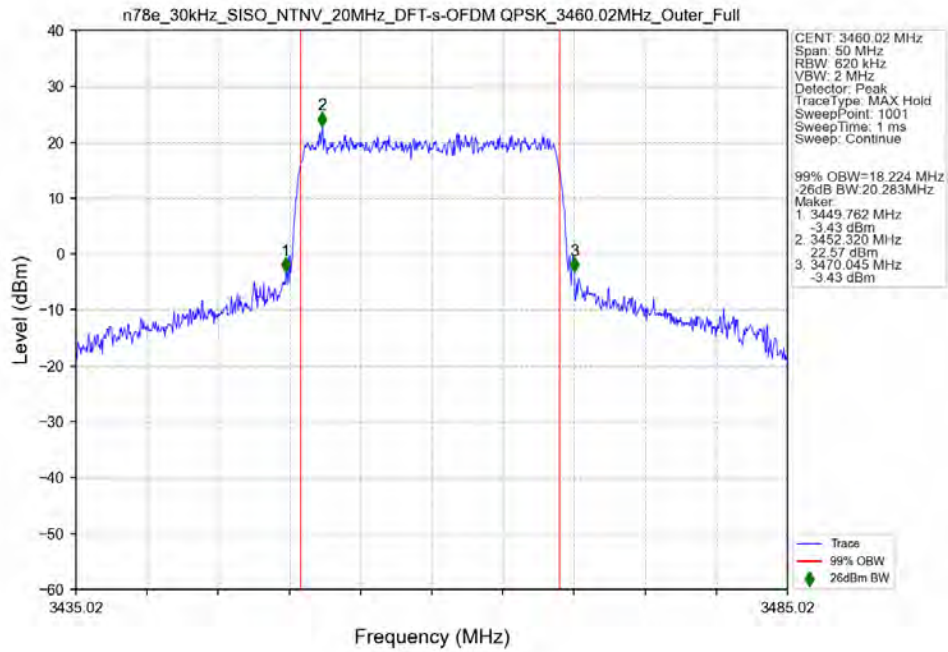
3.2.3 30k_SISO_20MHz_NTNV



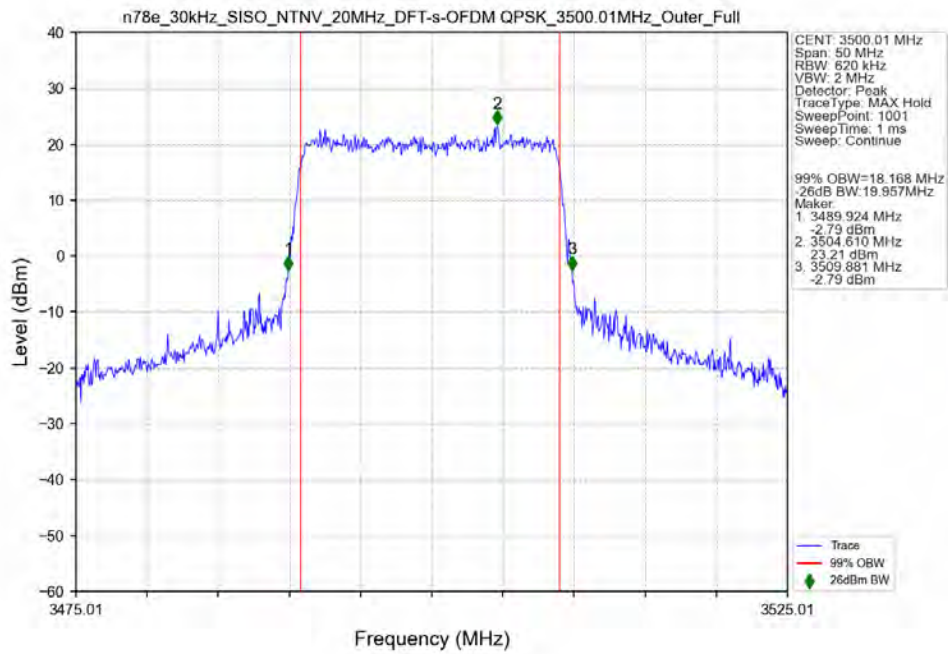
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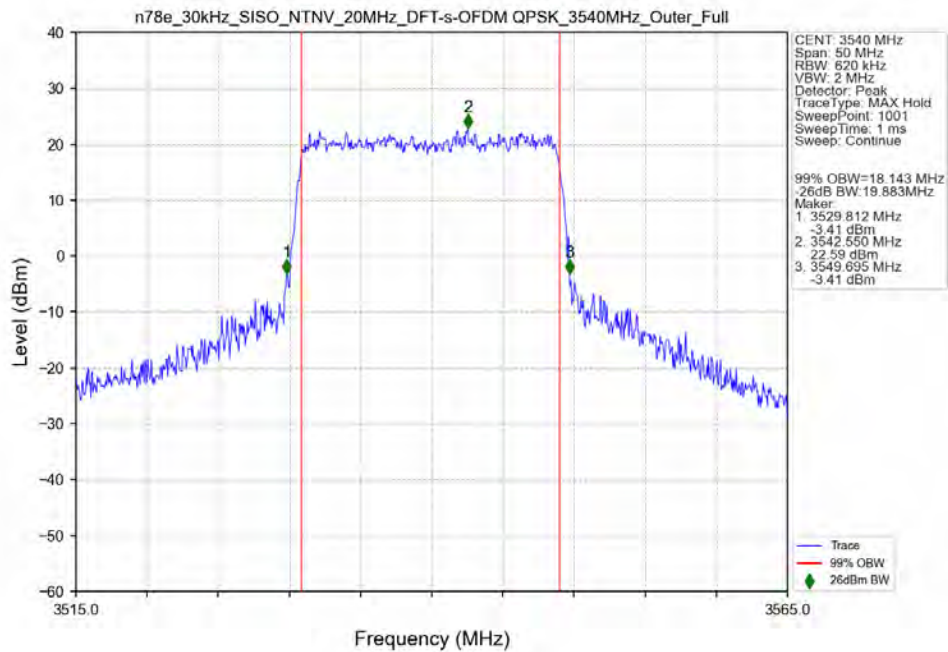
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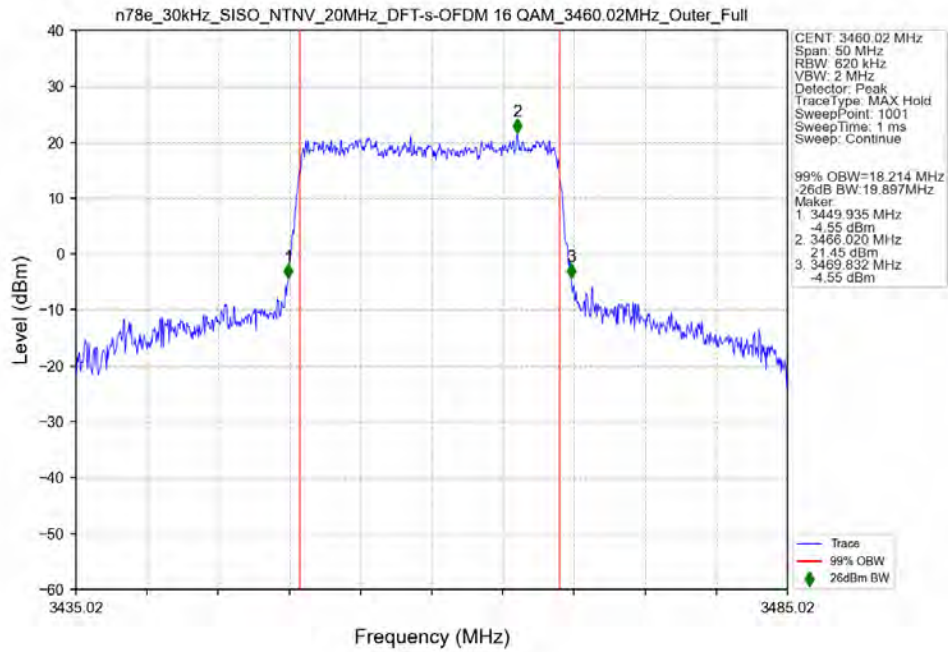
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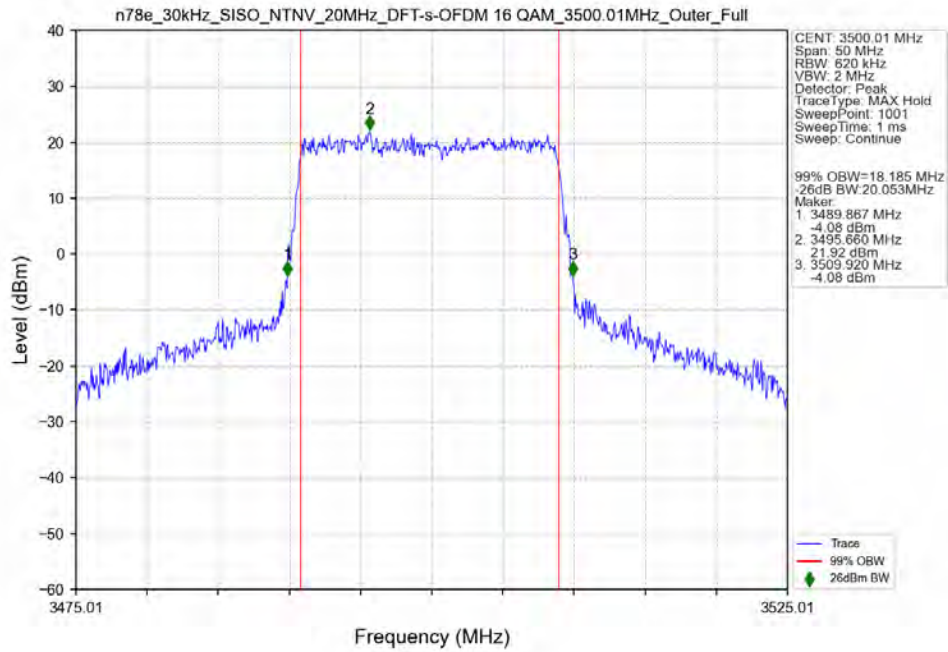
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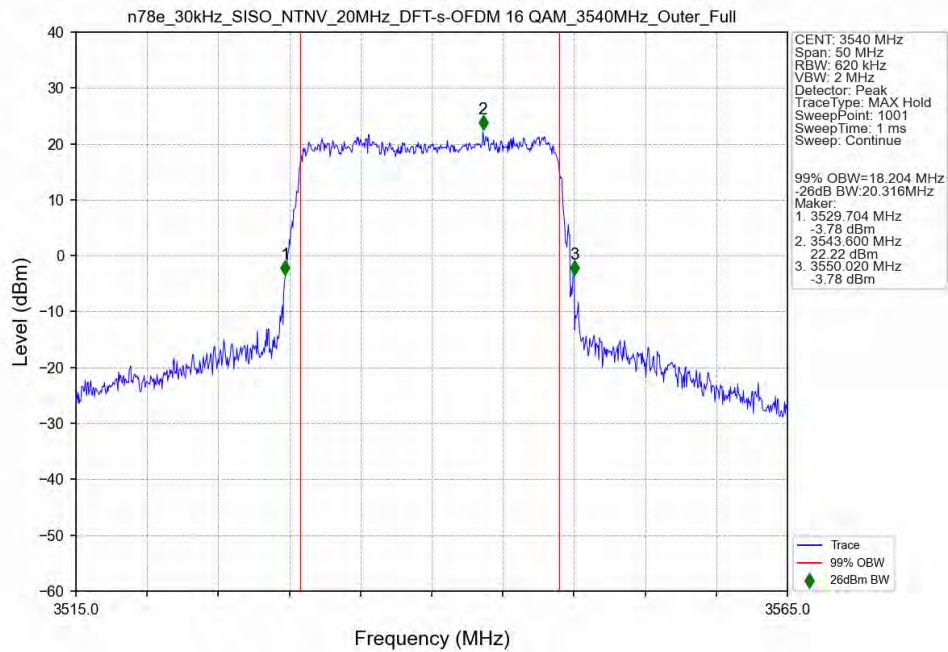
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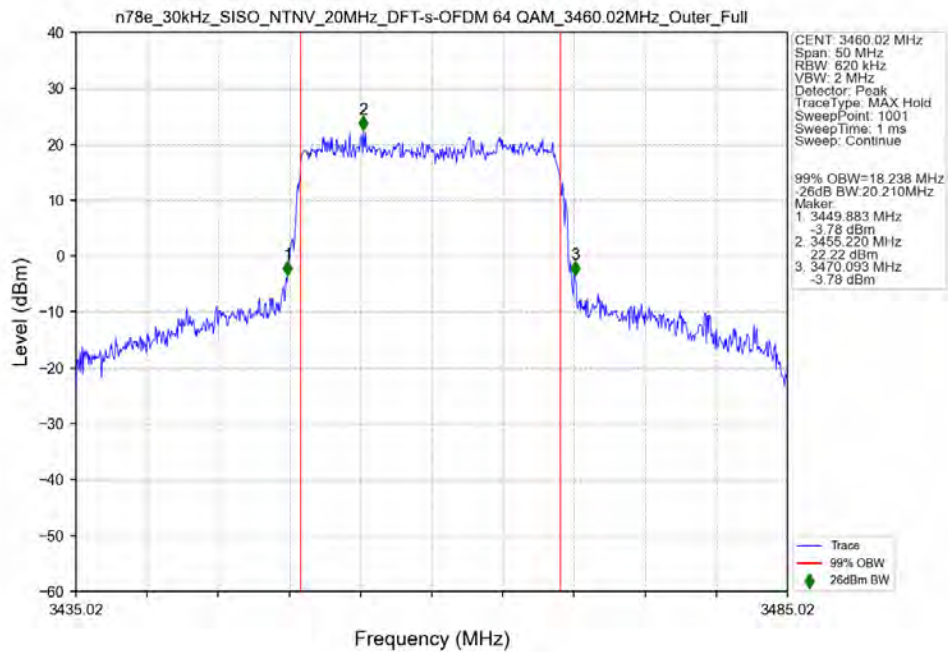
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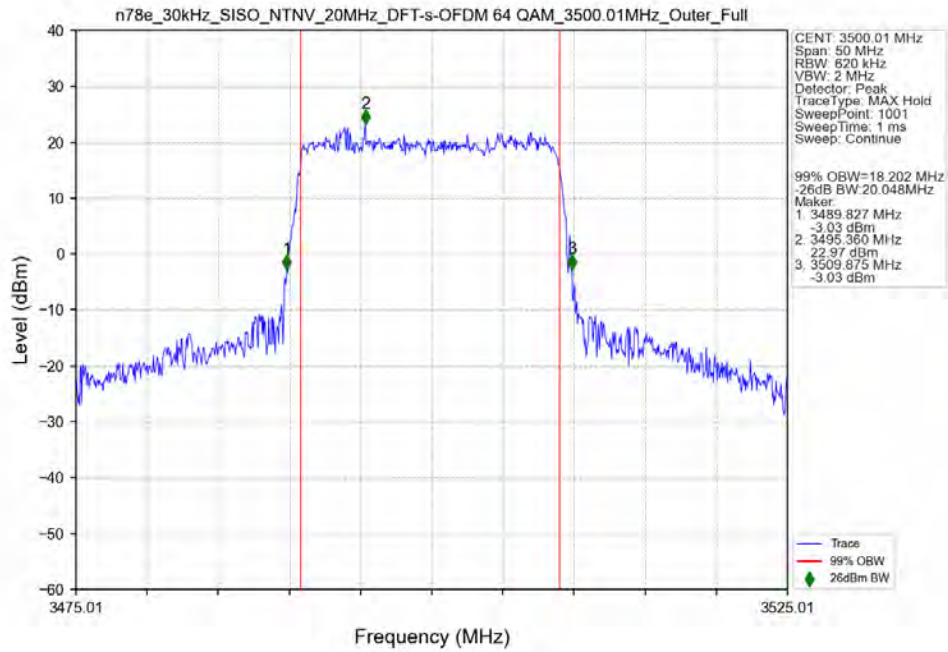
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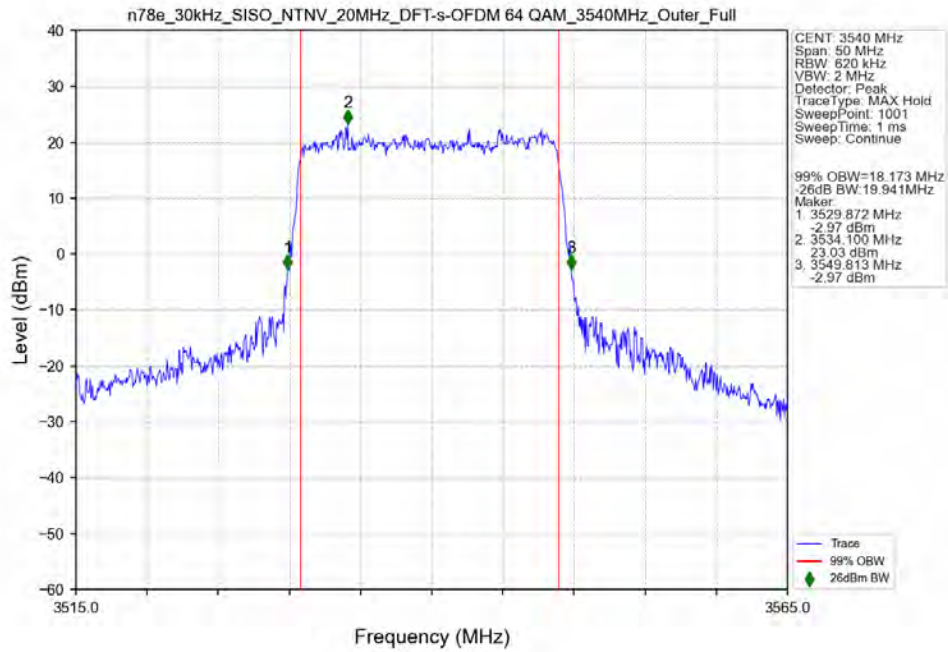
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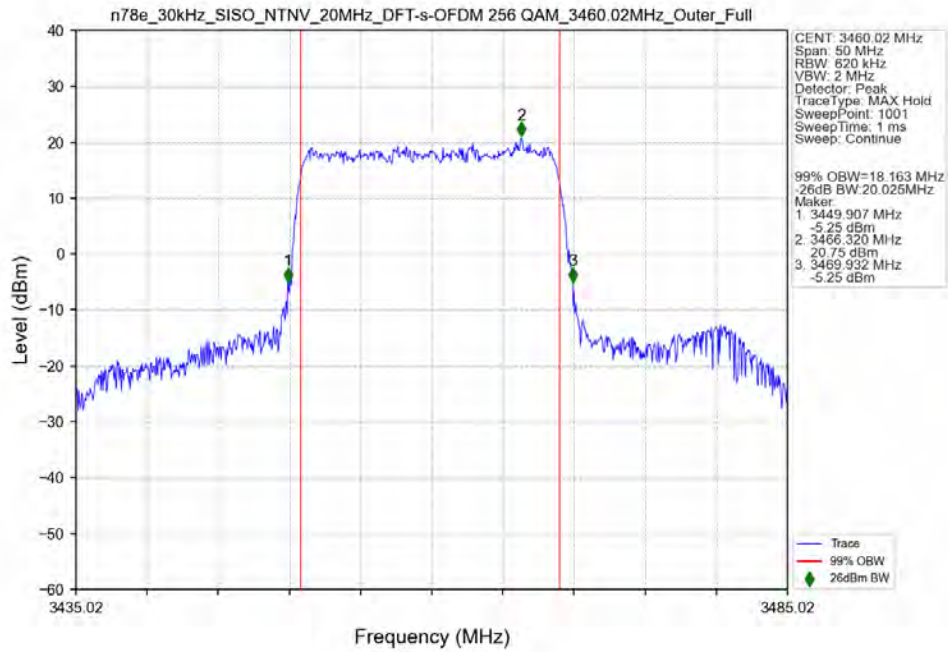
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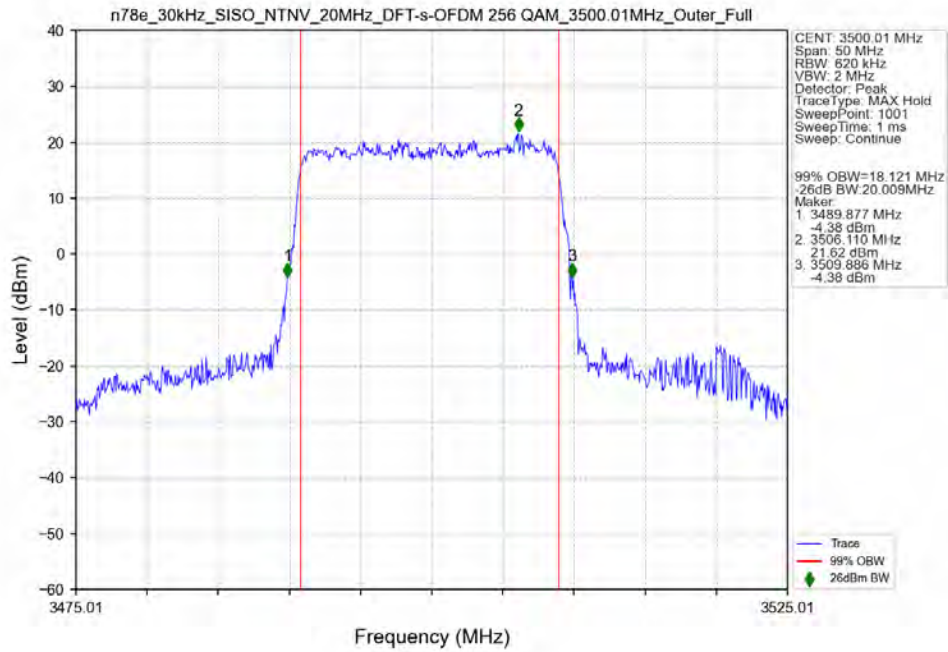
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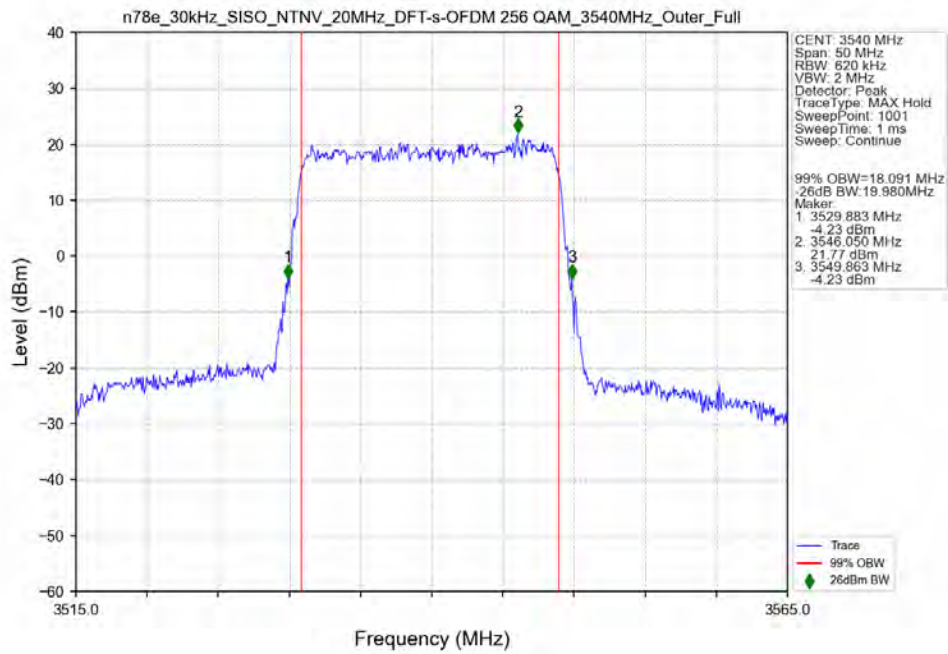
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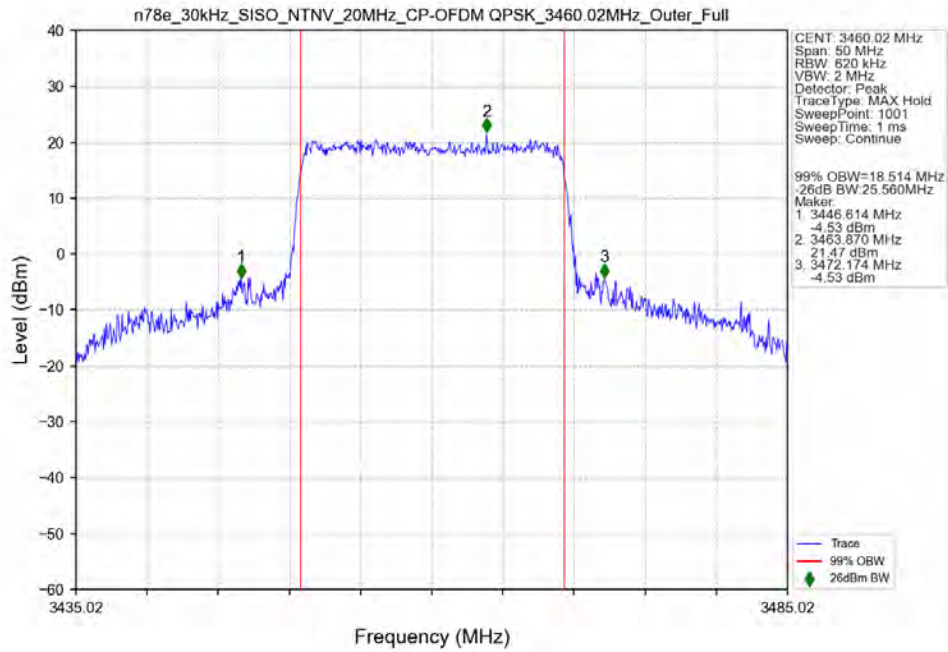
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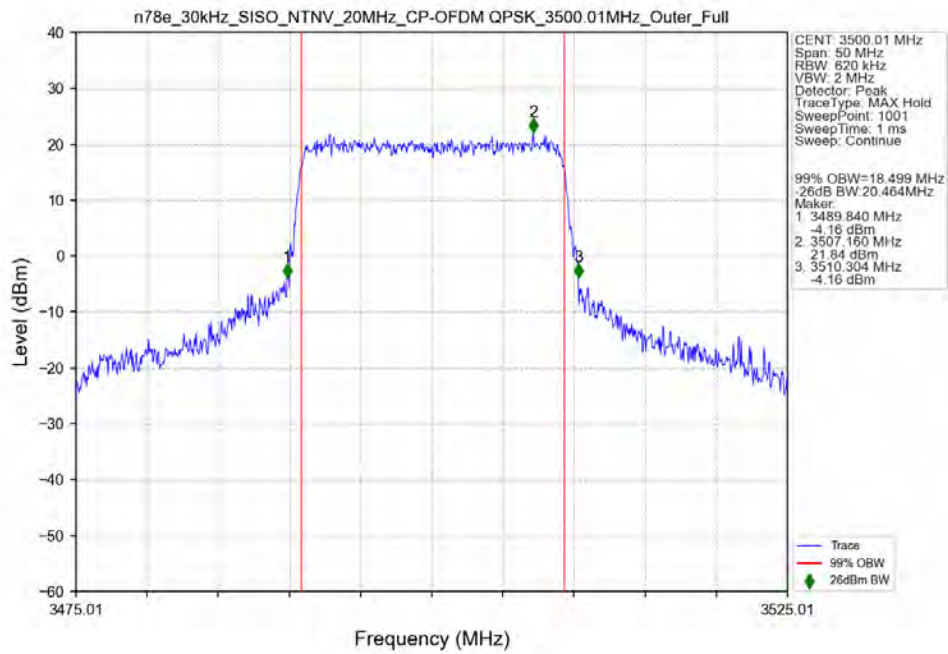
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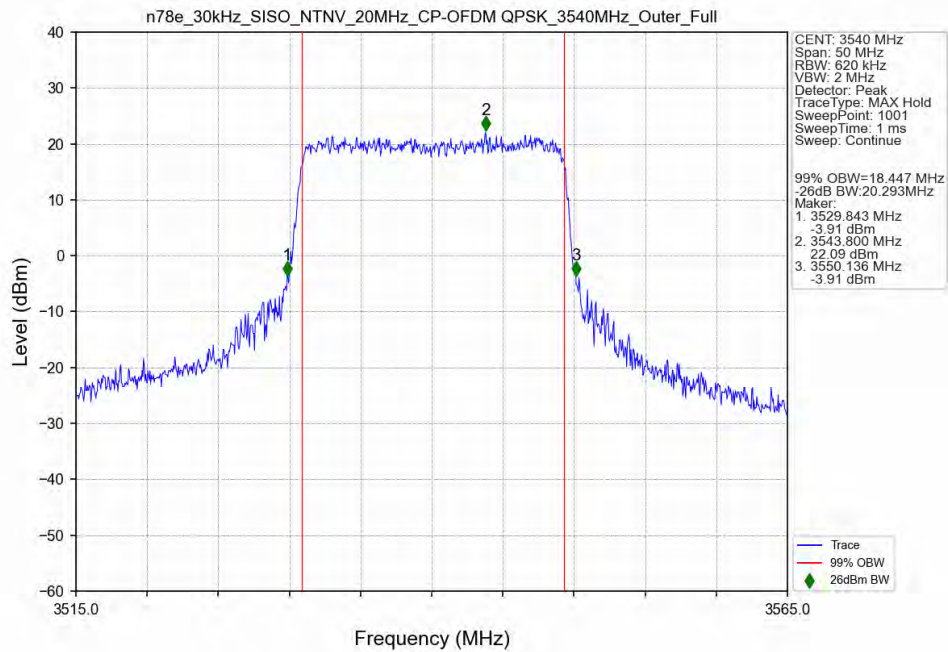
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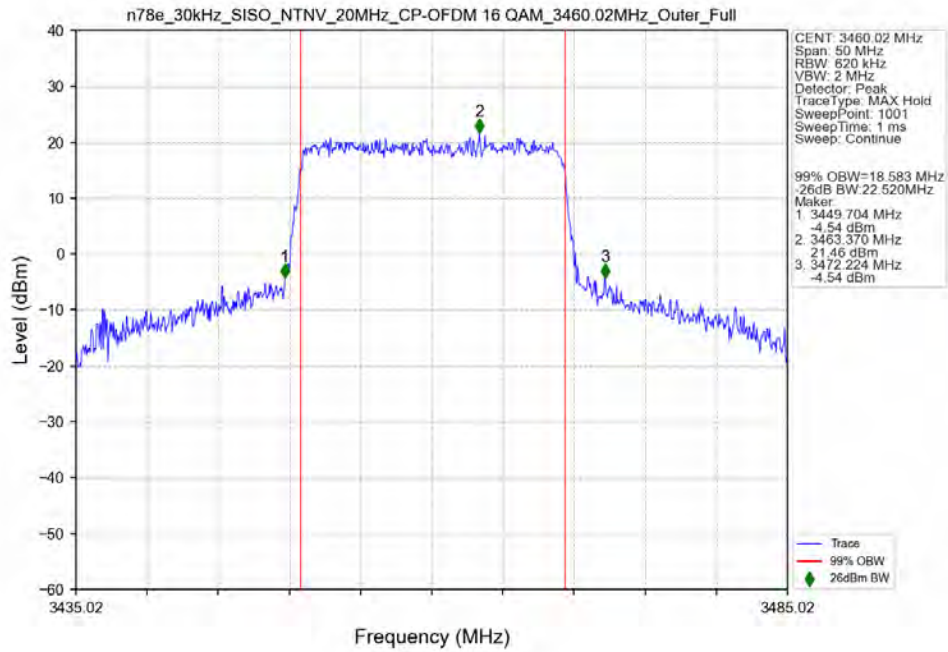
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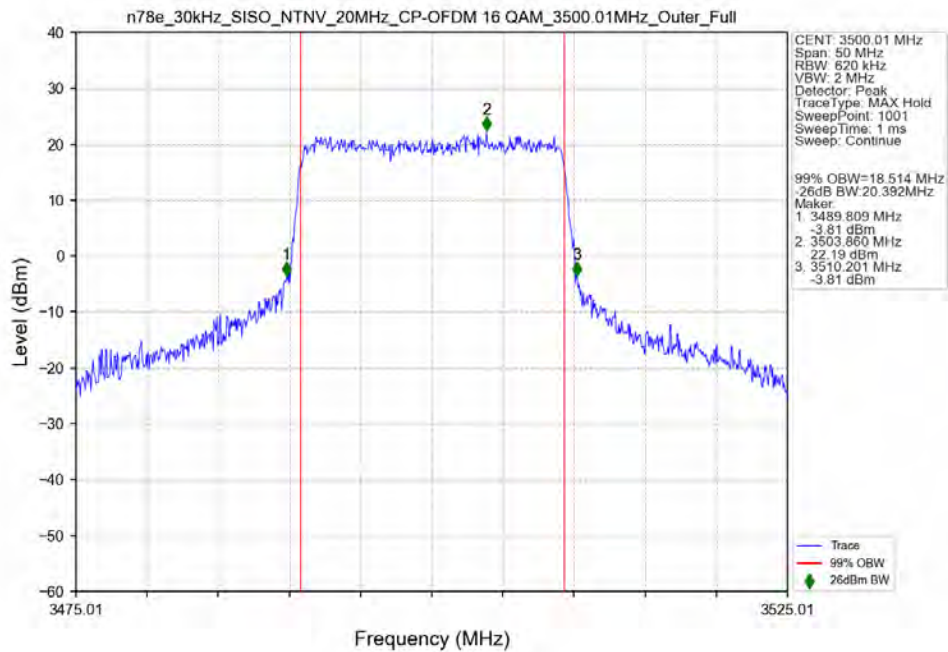
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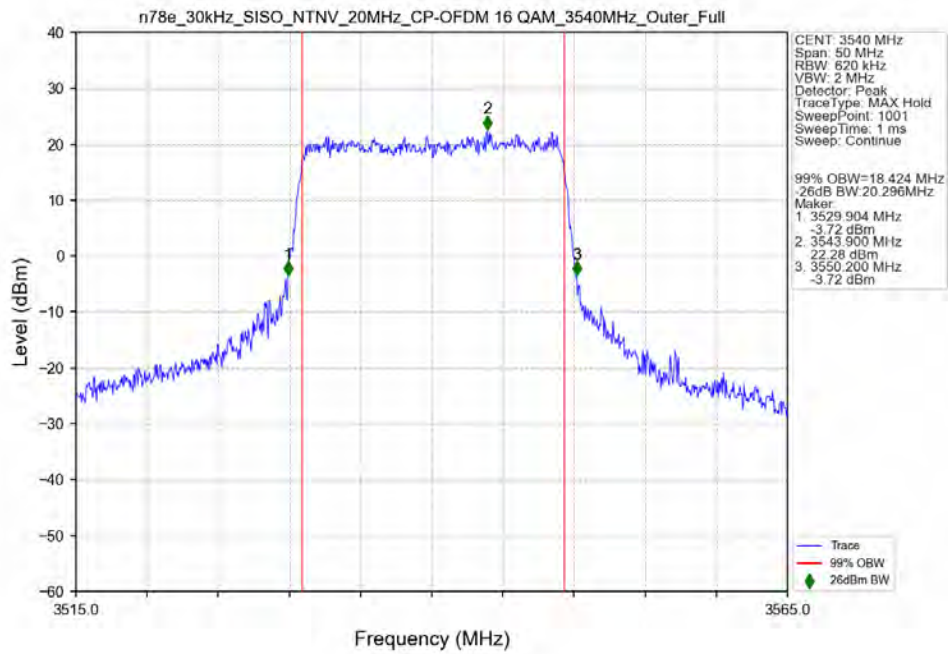
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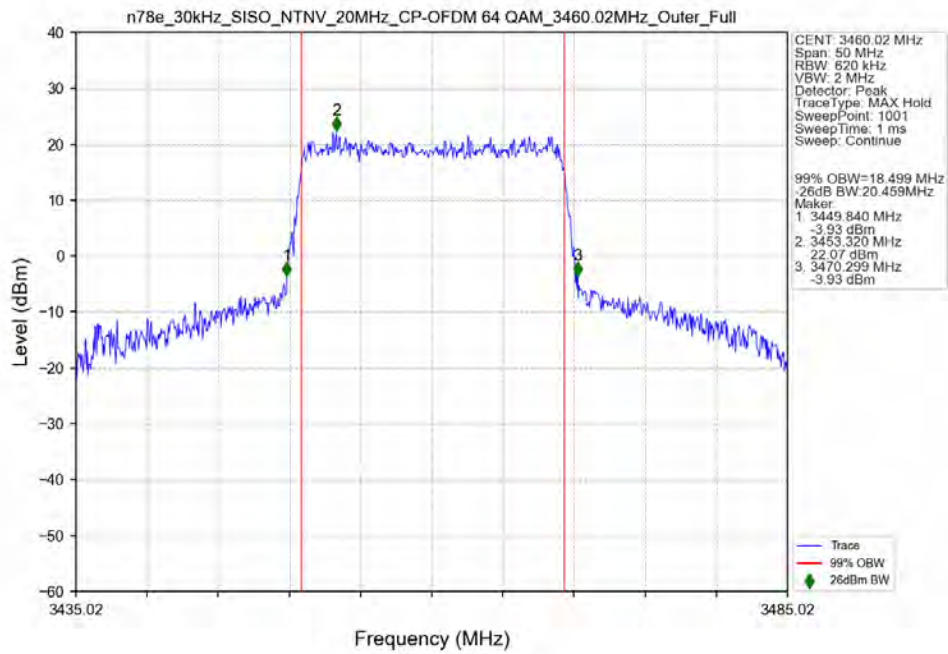
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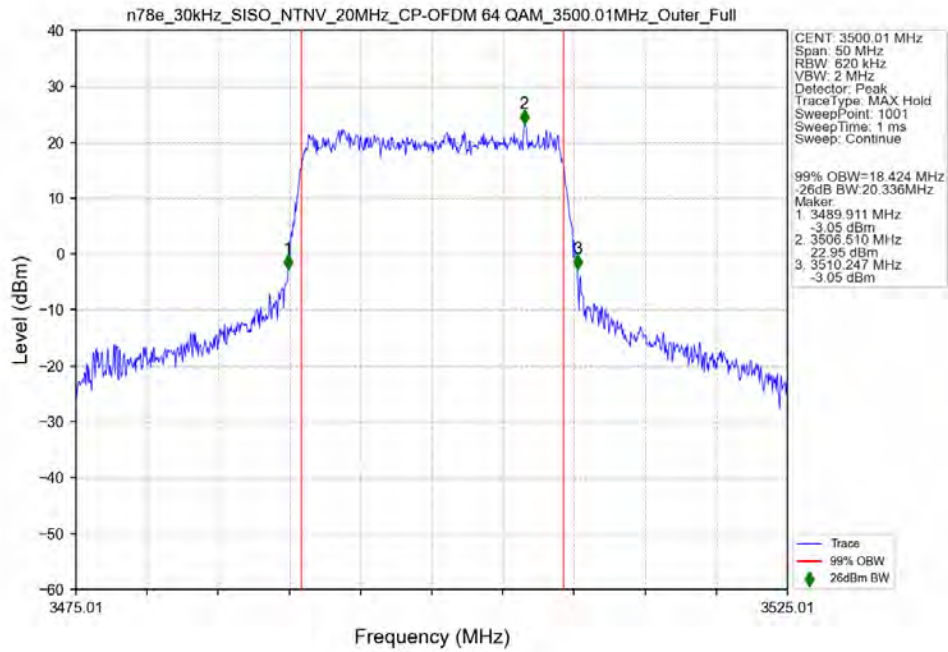
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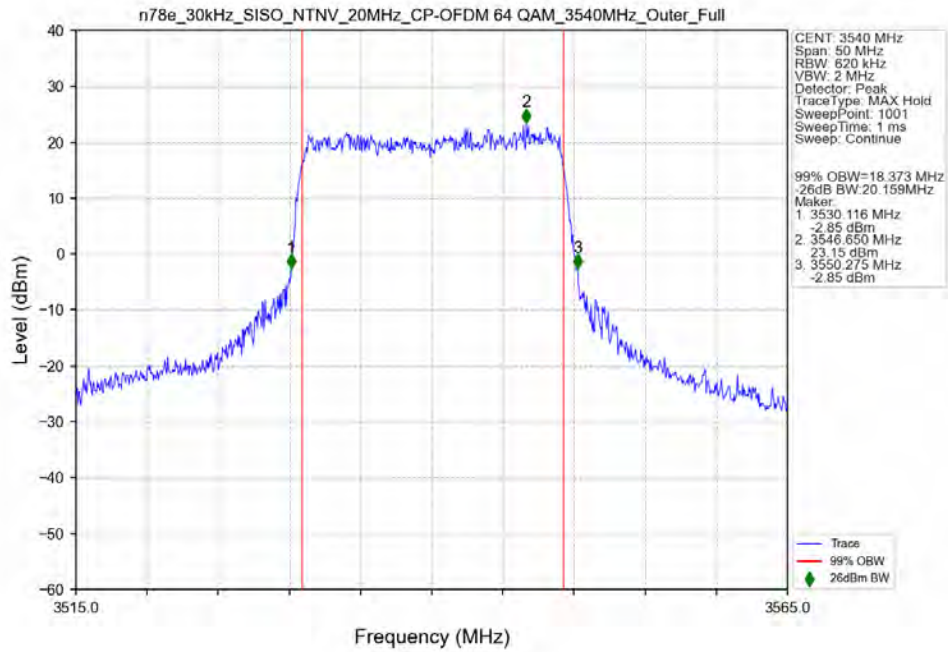
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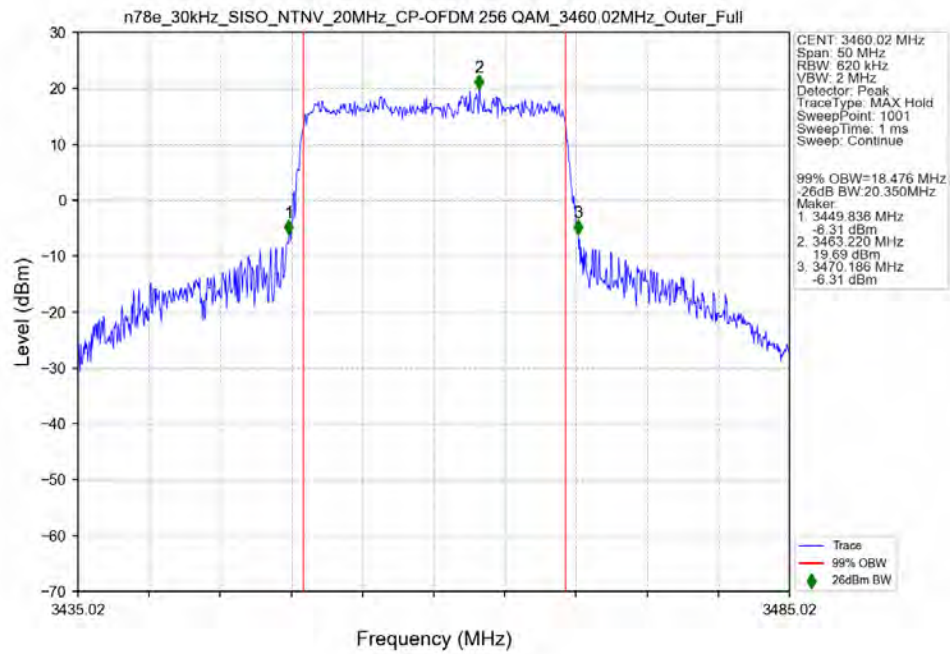
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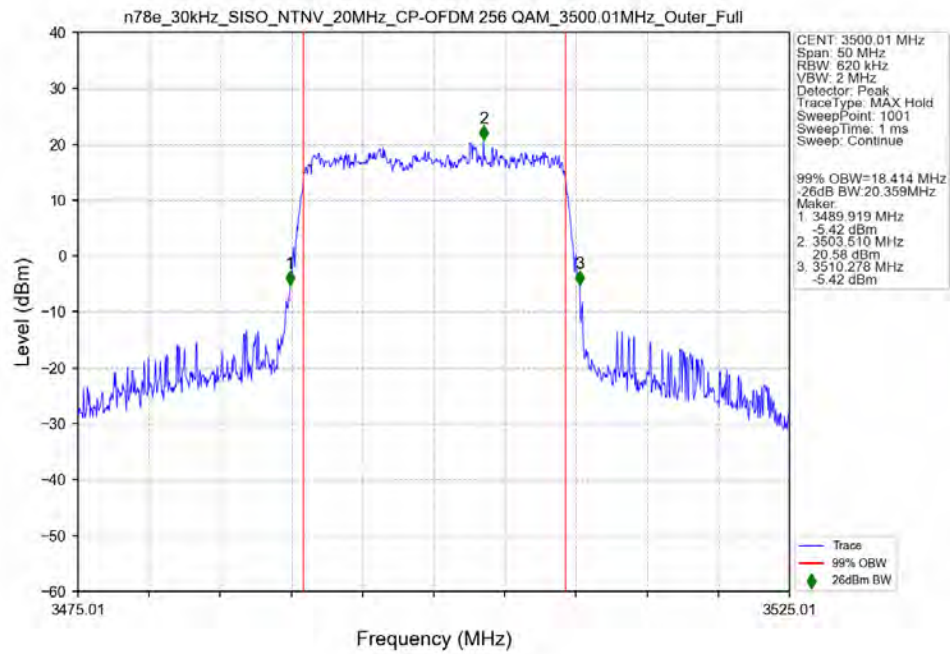
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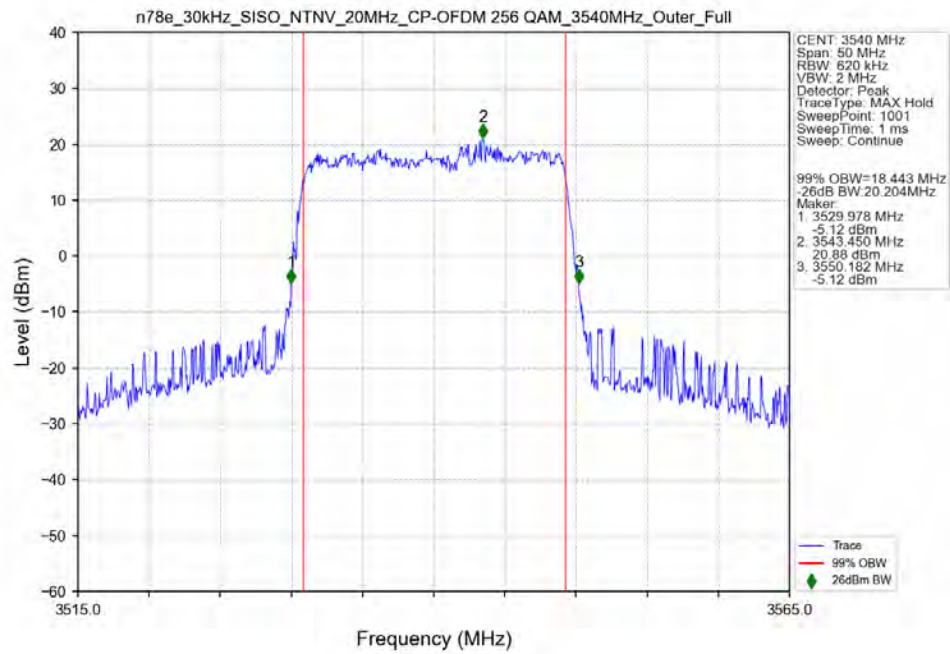
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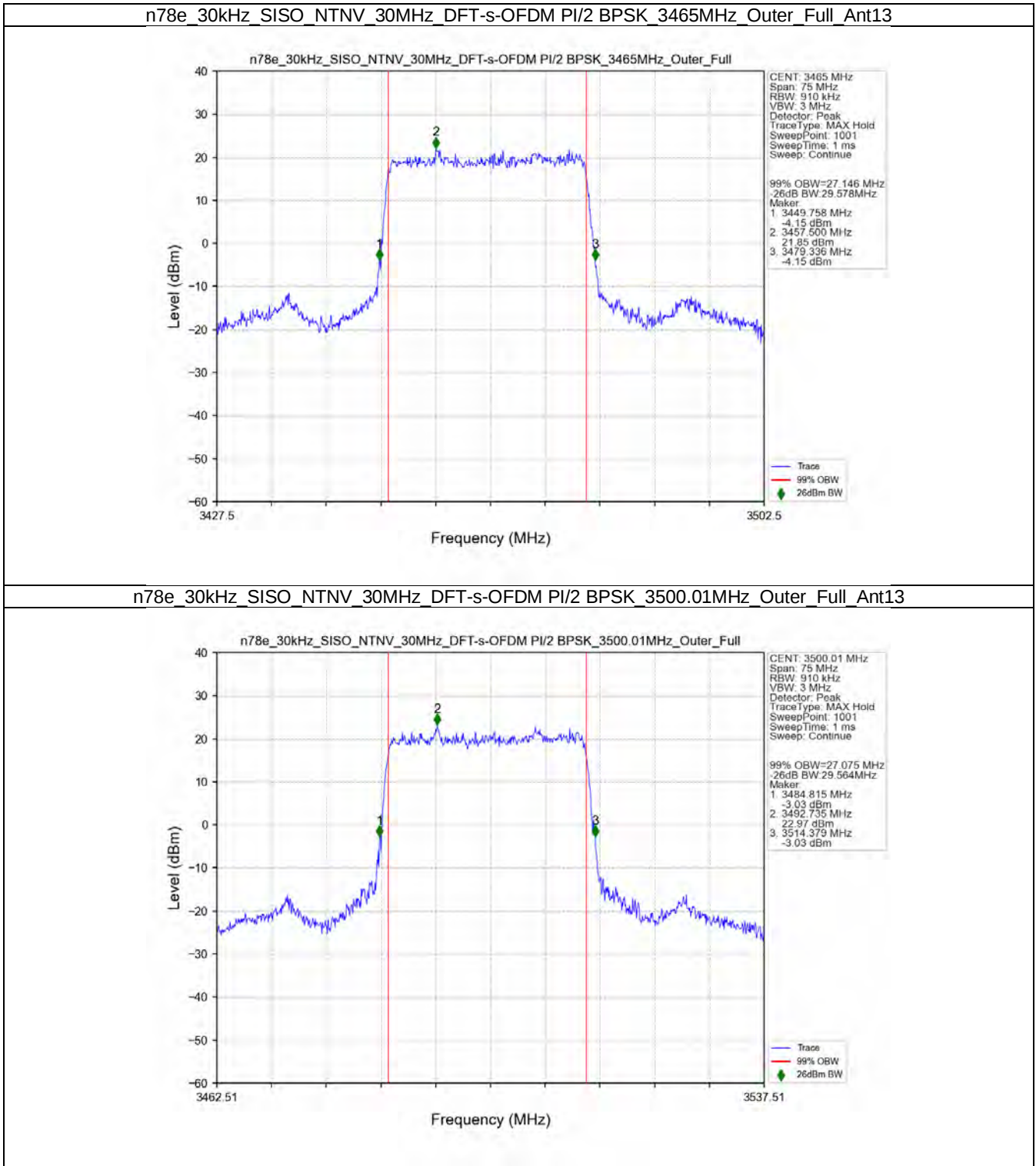
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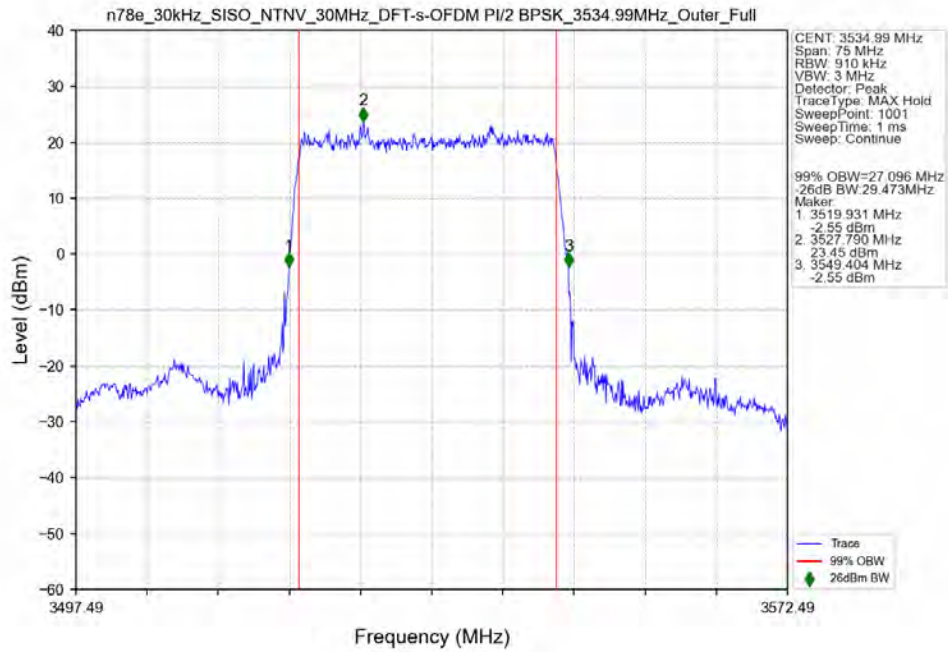
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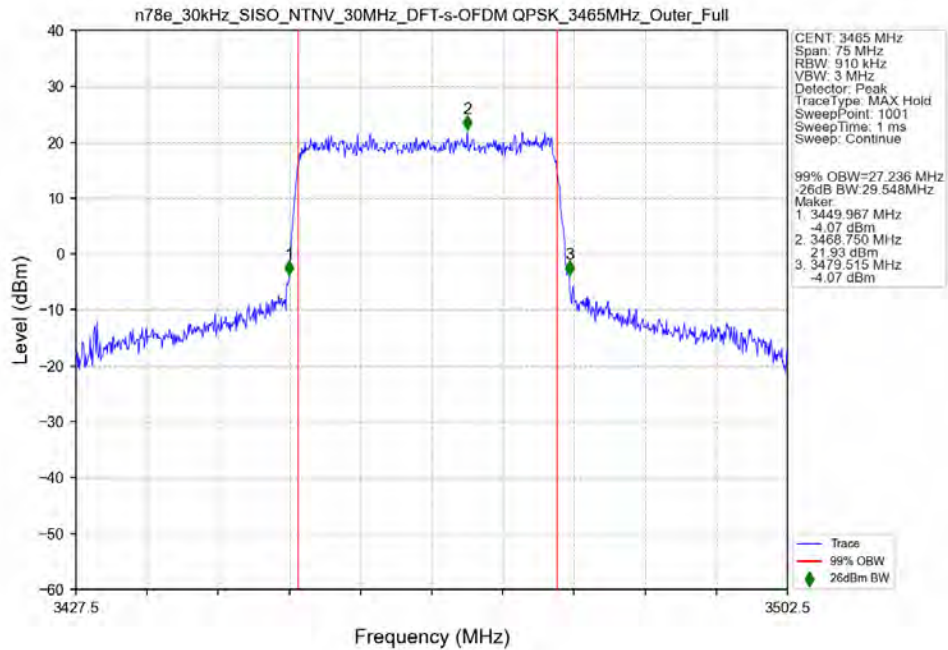
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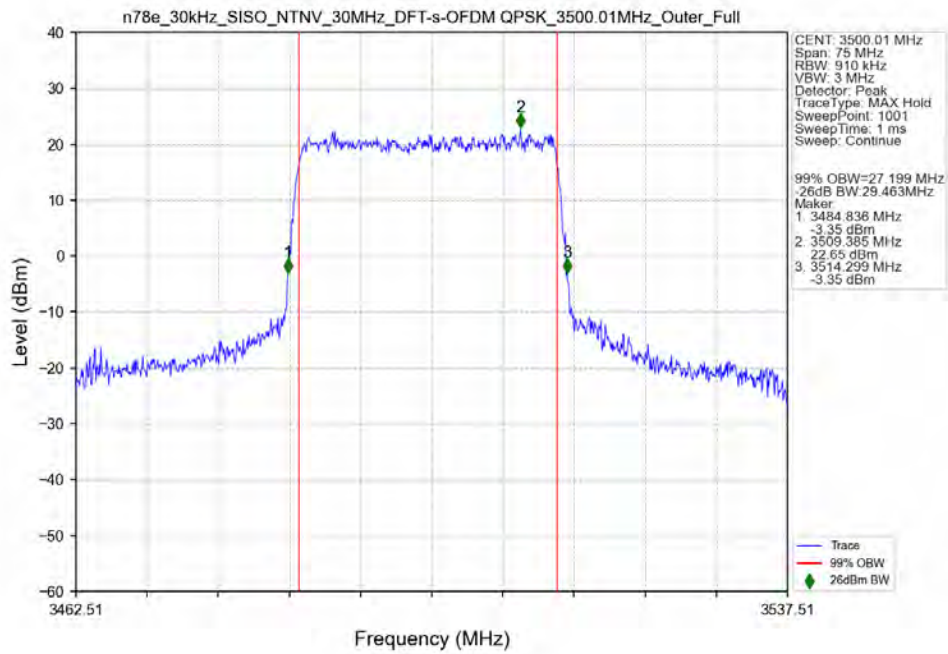
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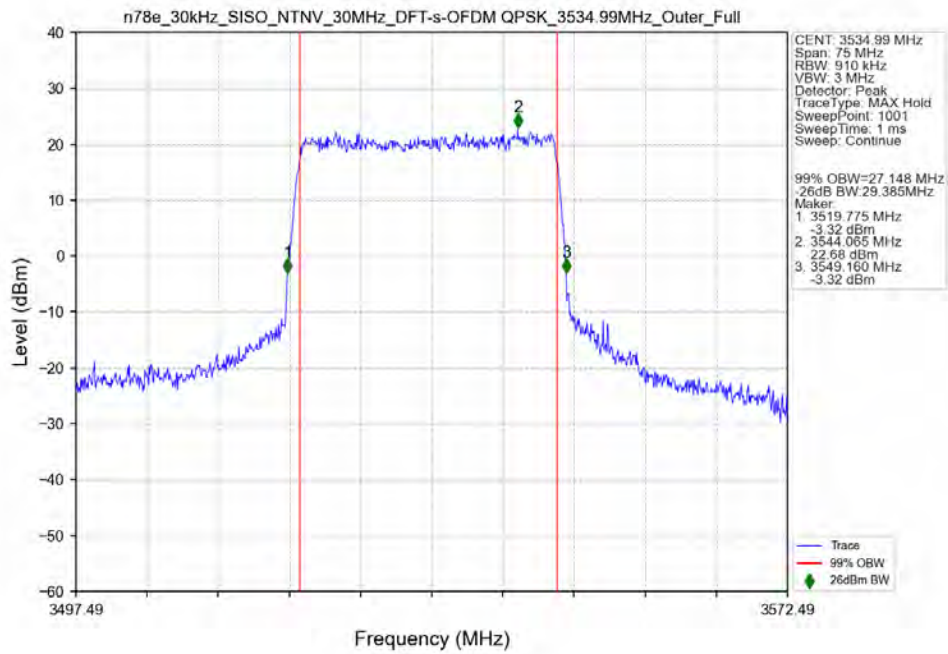
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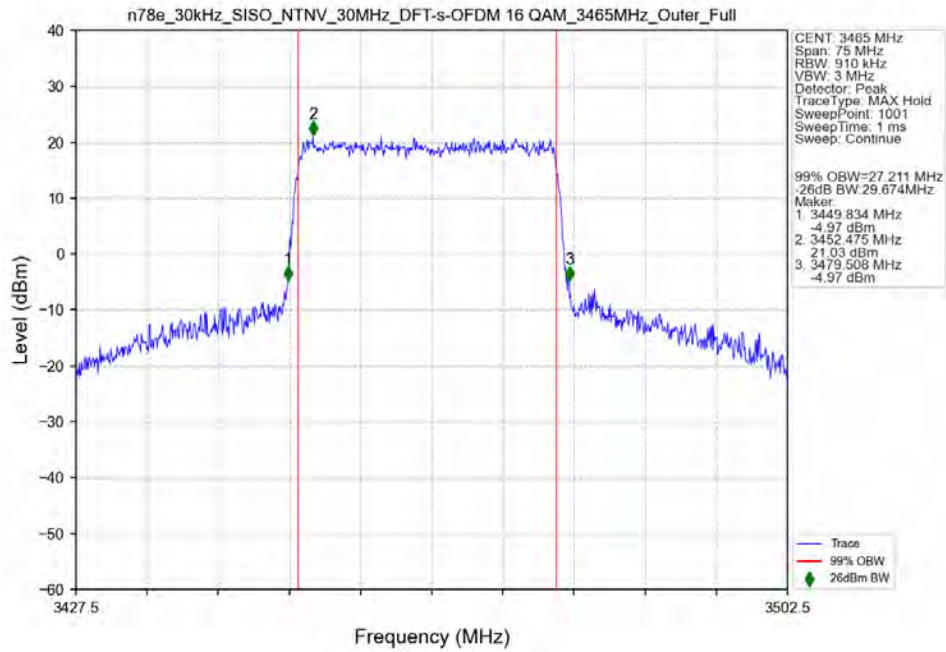
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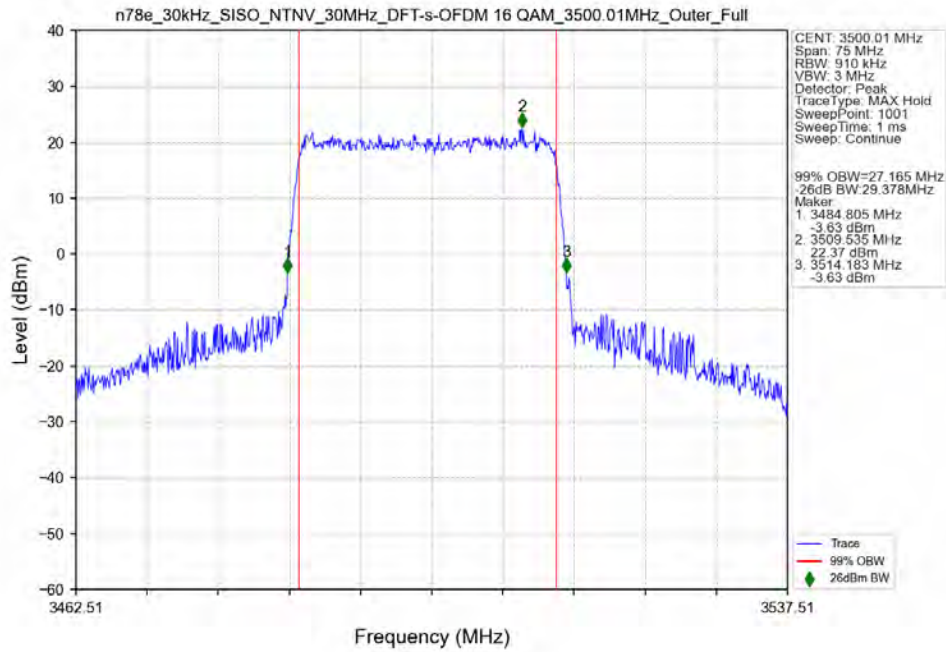
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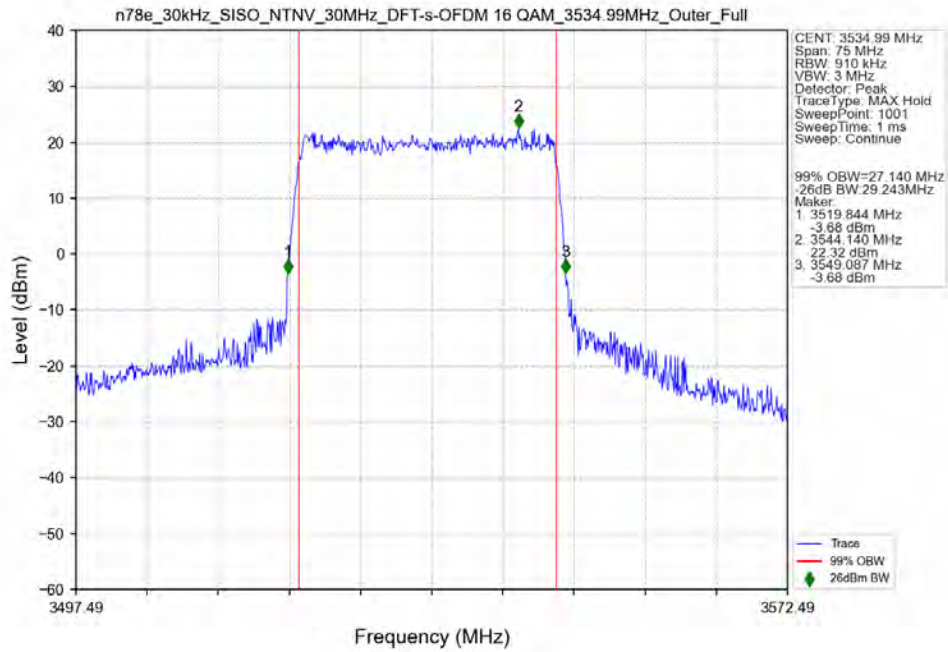
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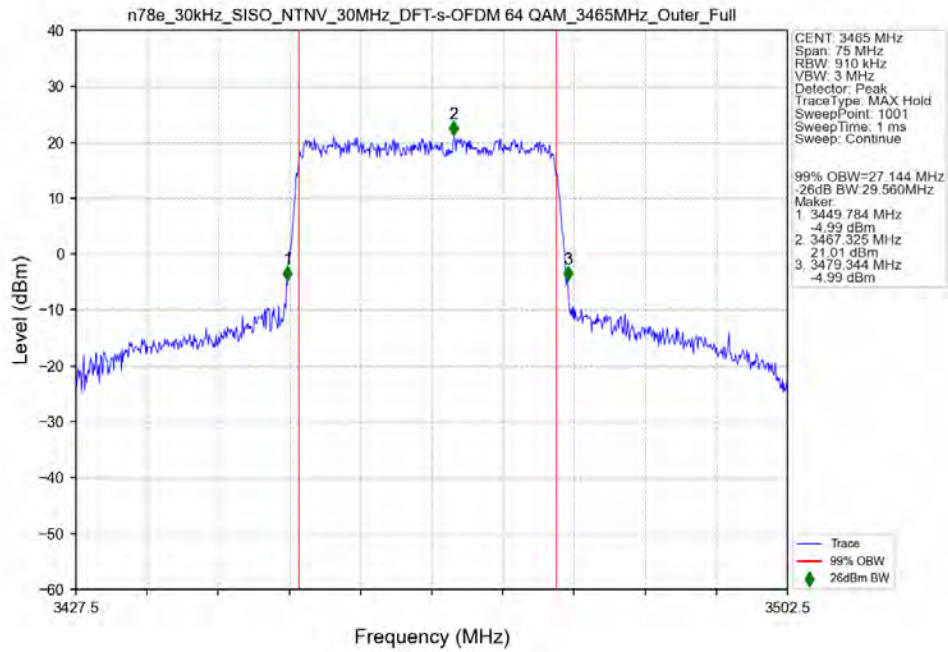
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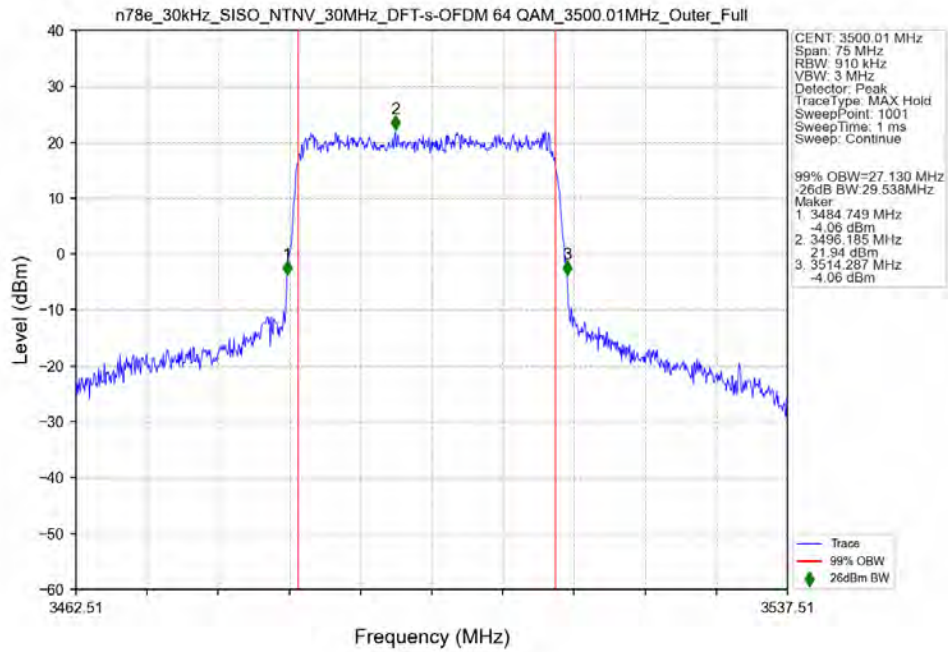
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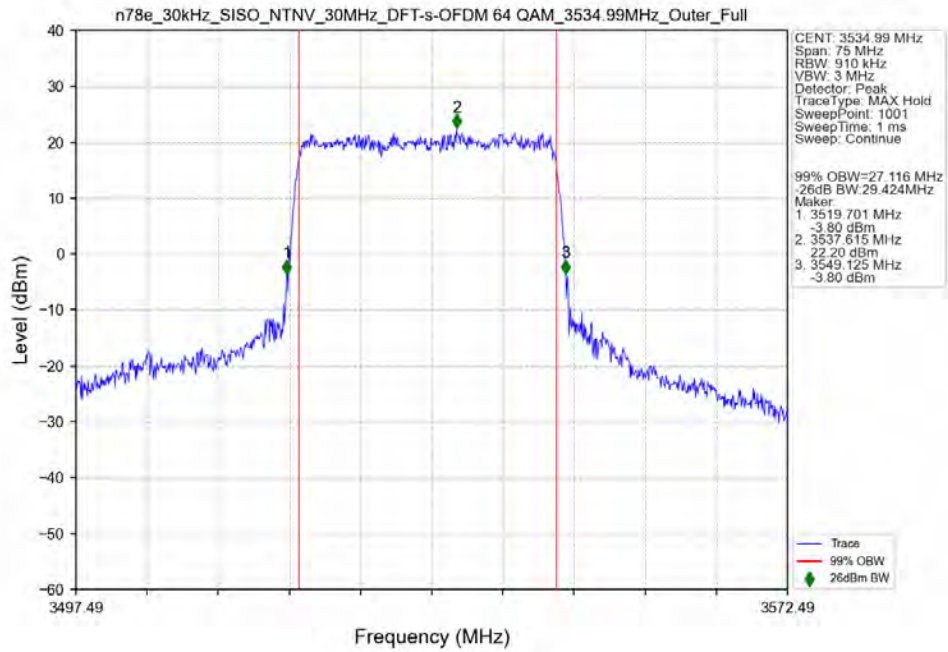
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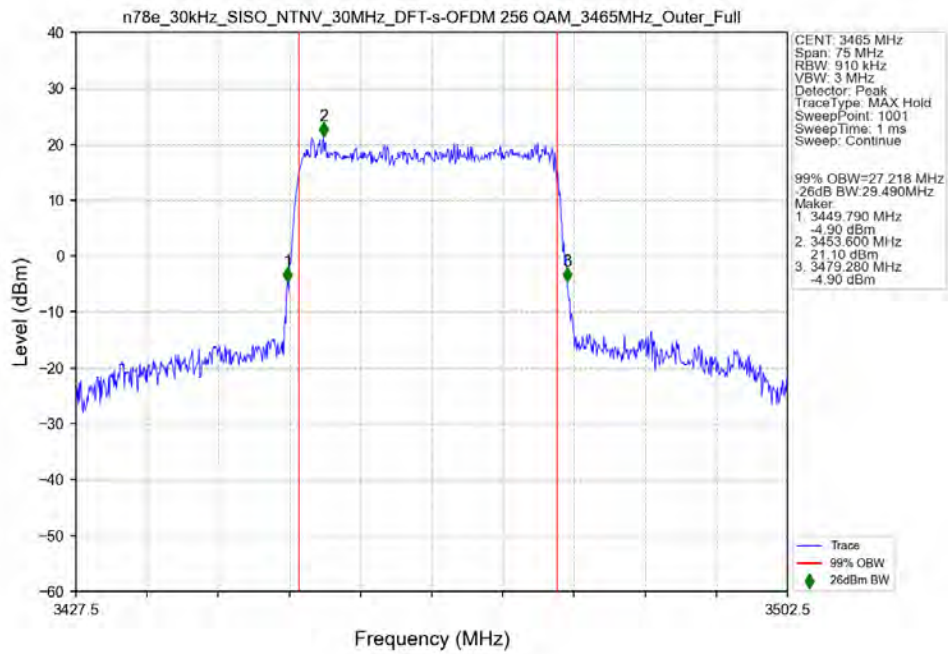
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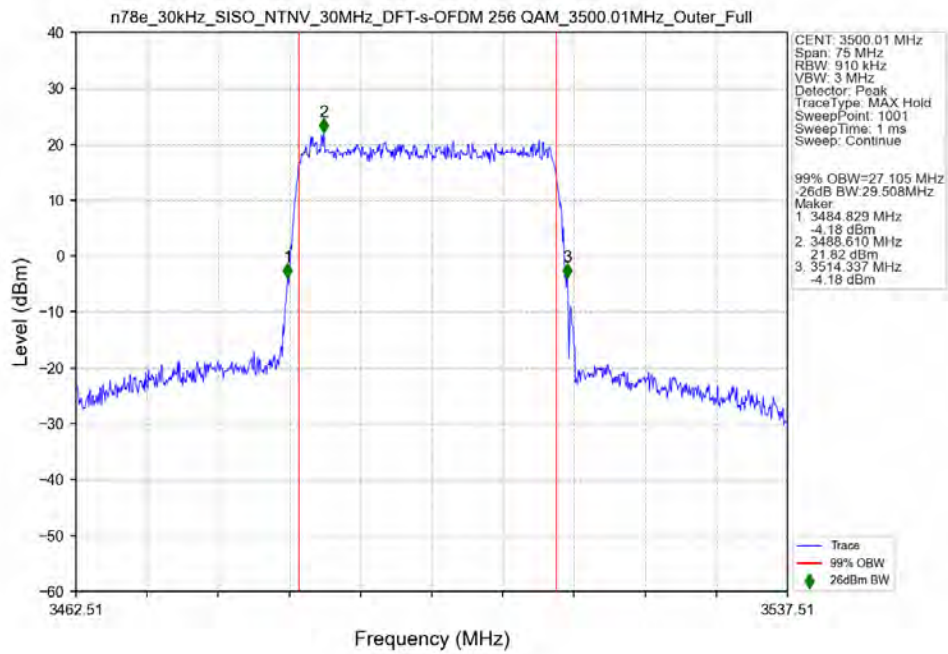
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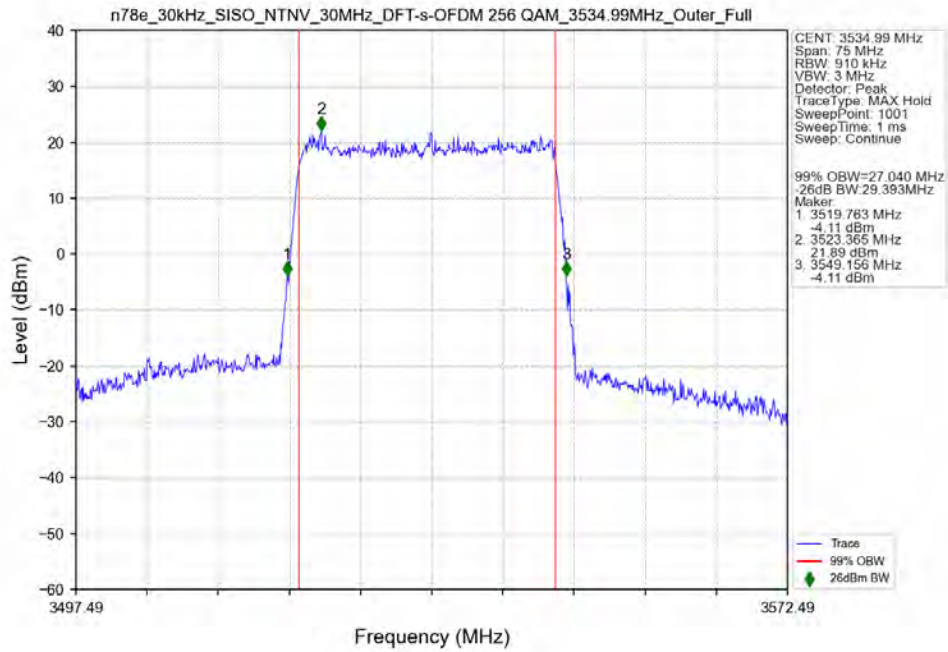
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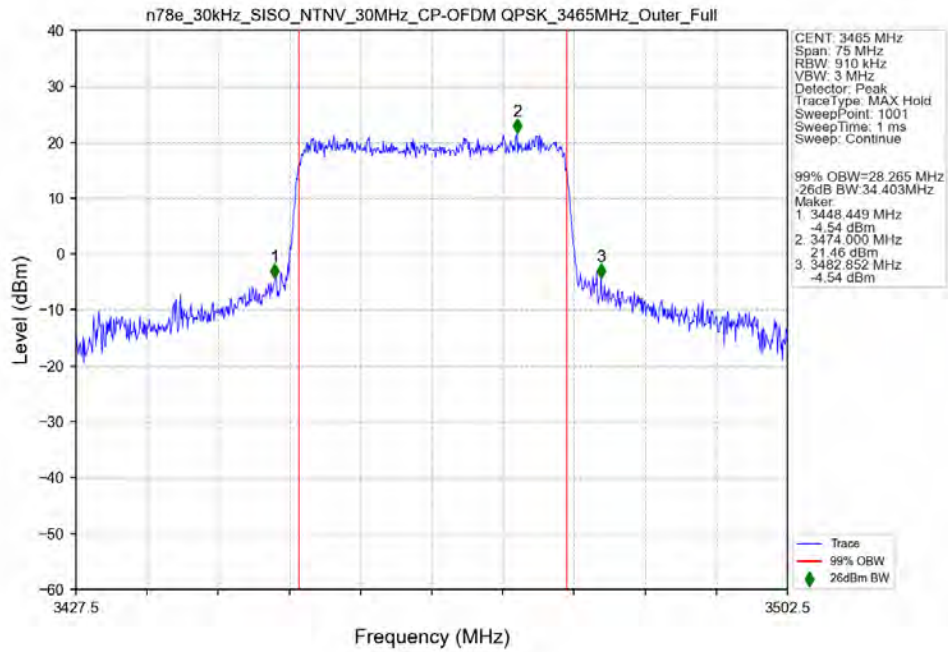
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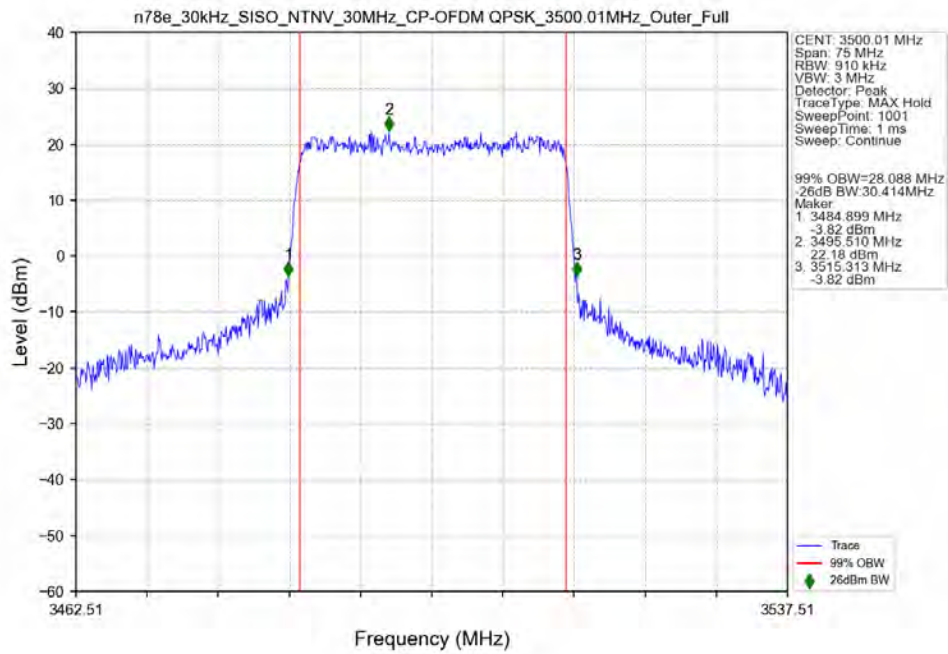
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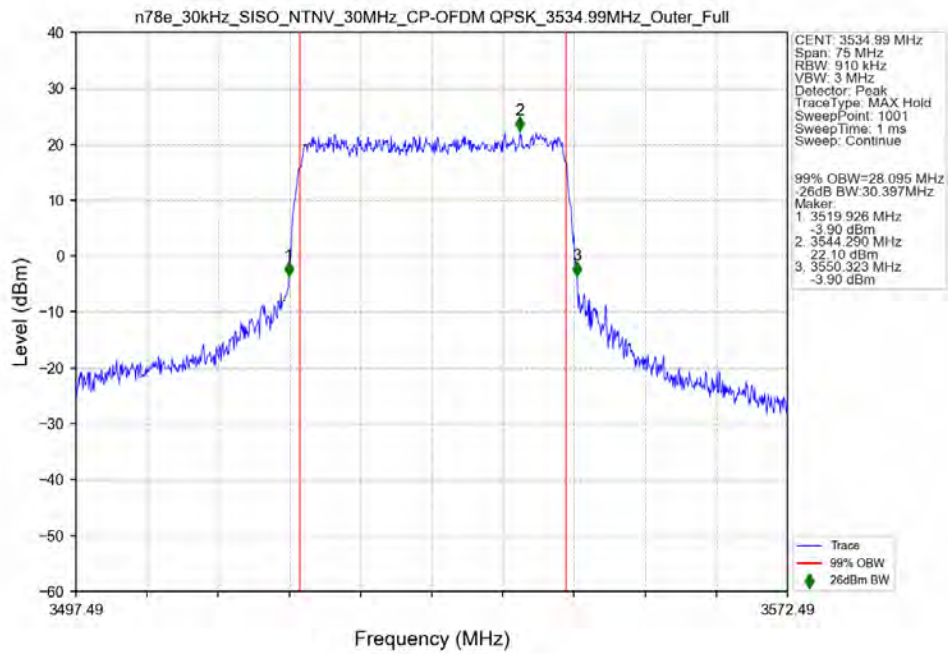
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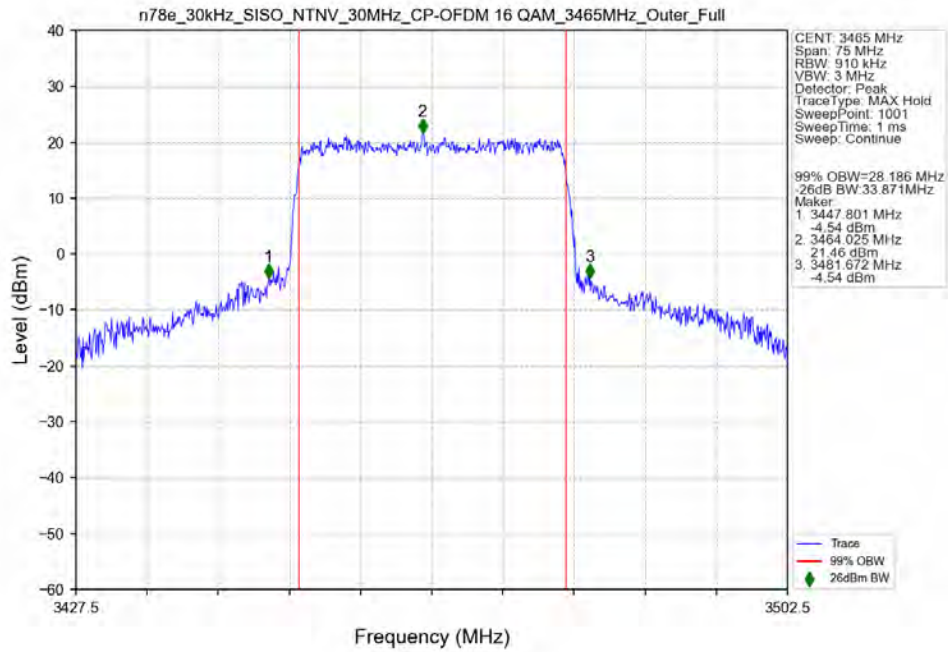
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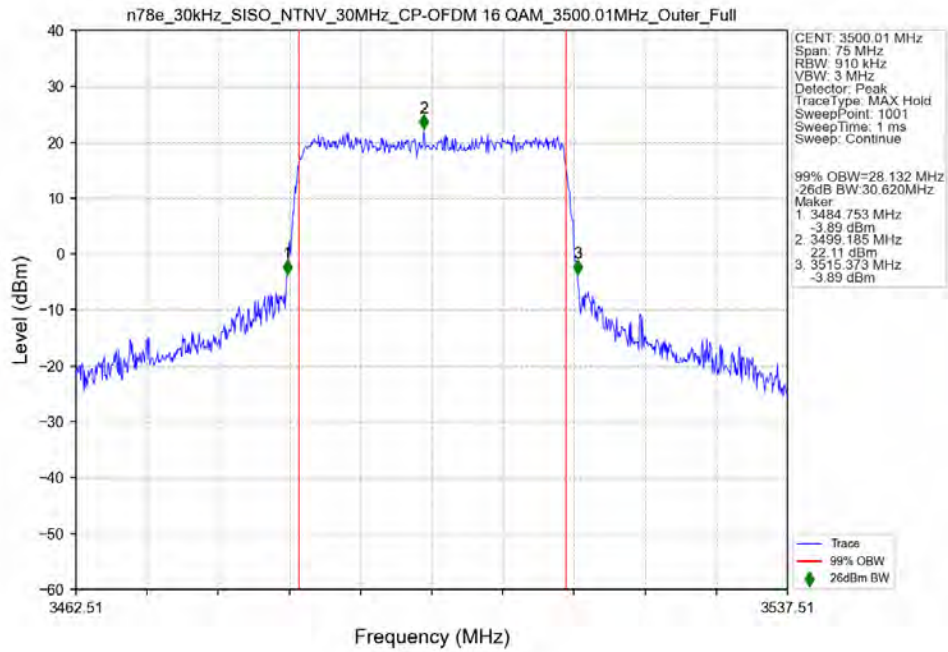
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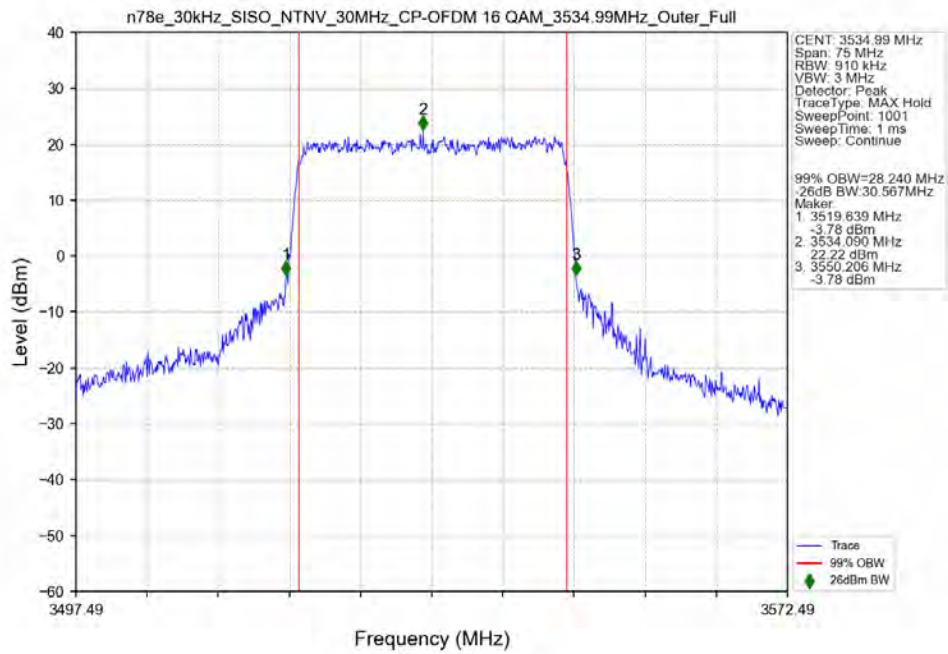
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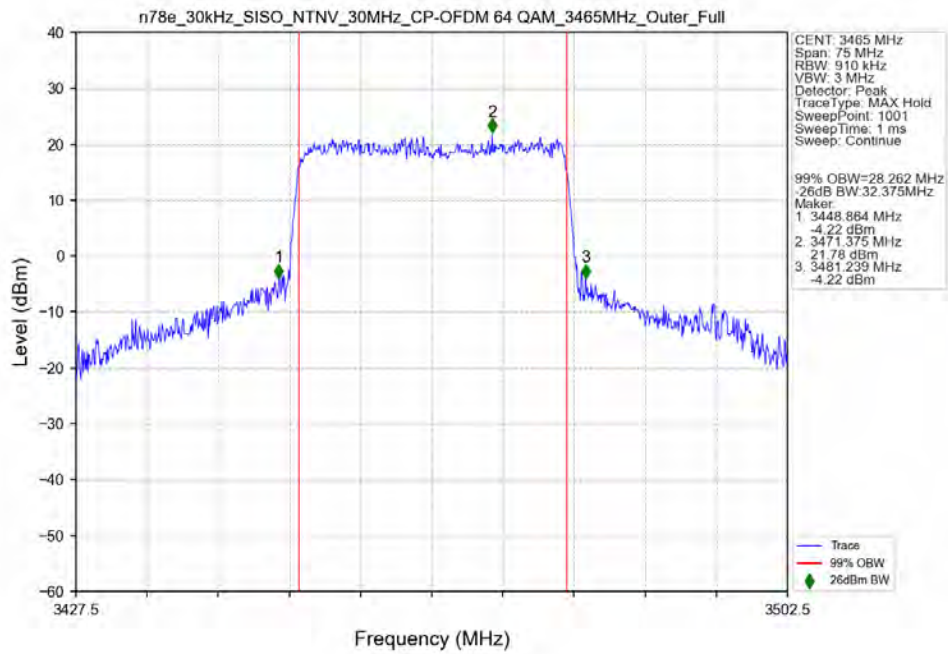
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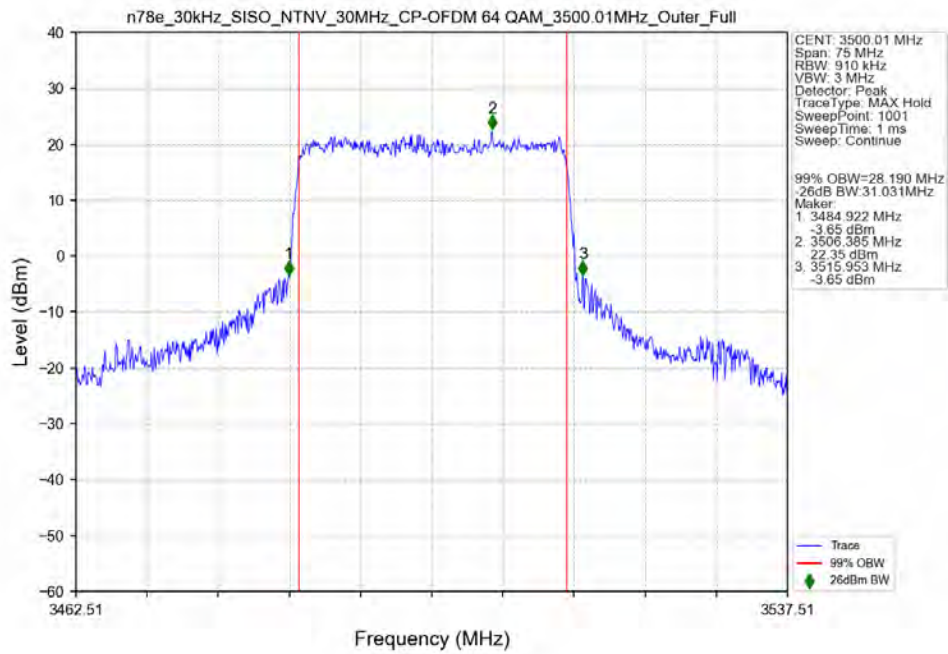
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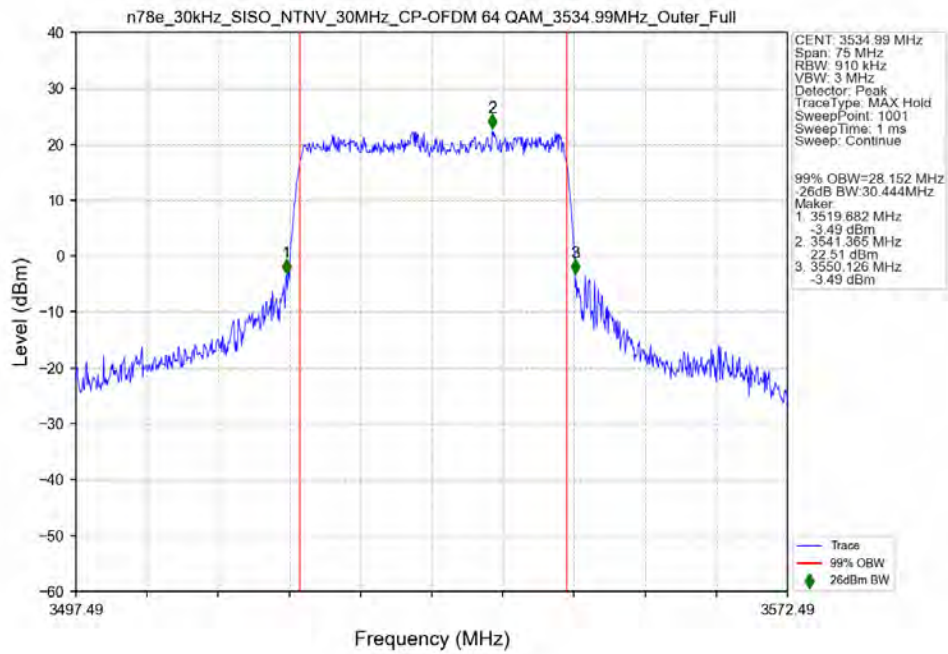
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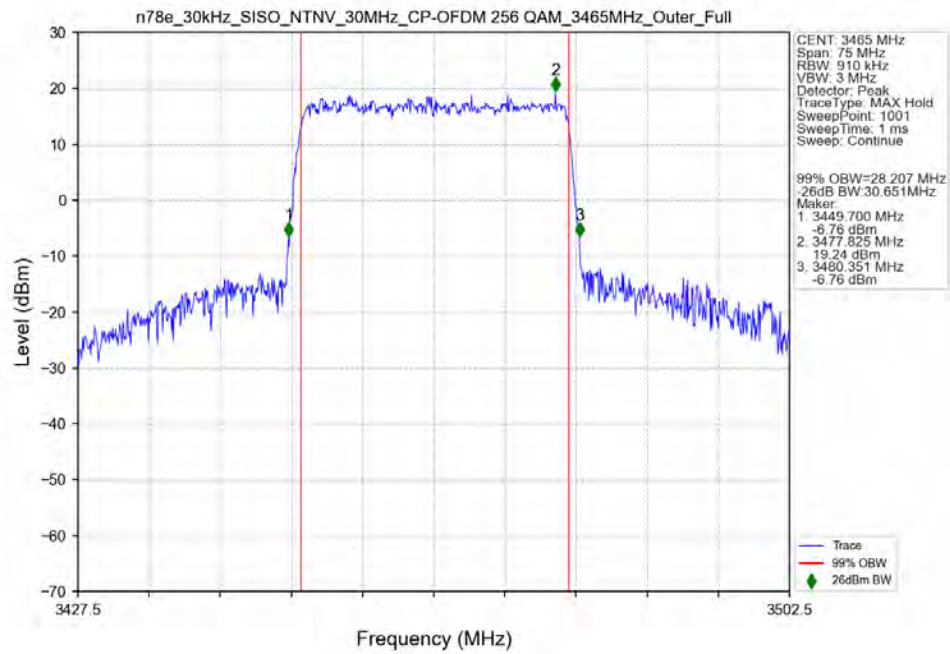
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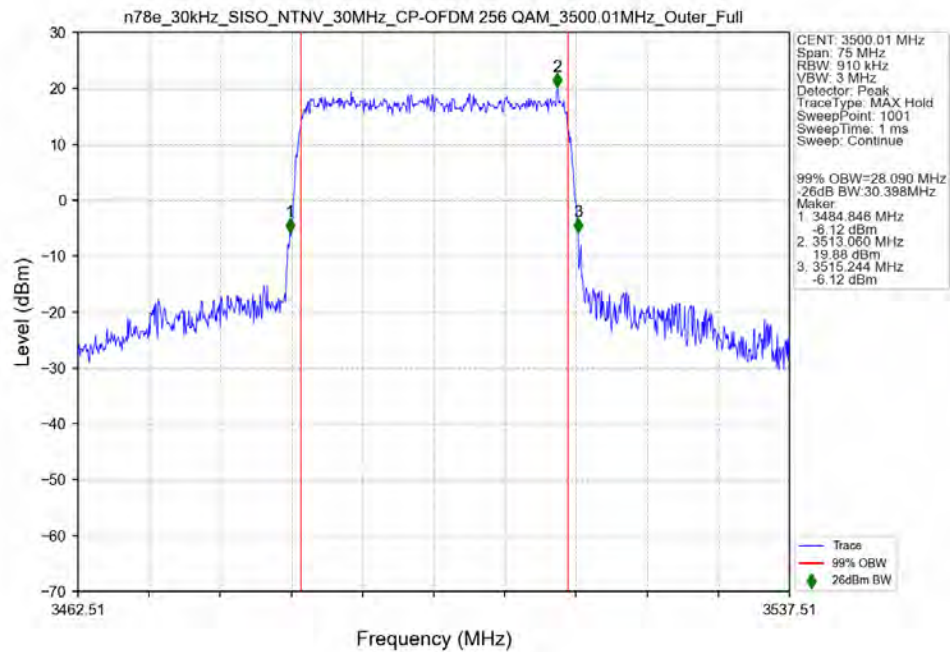
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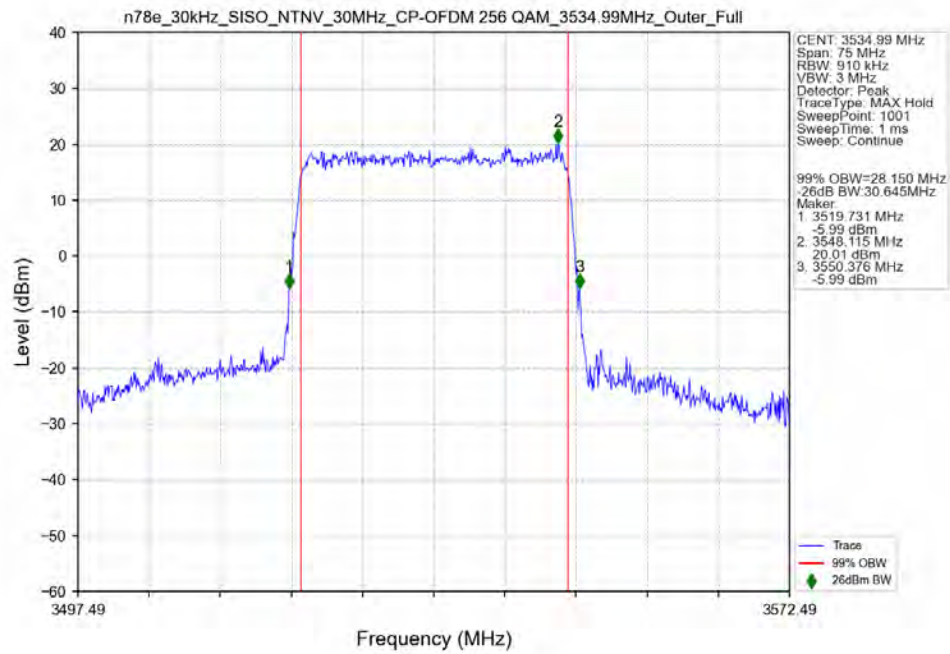
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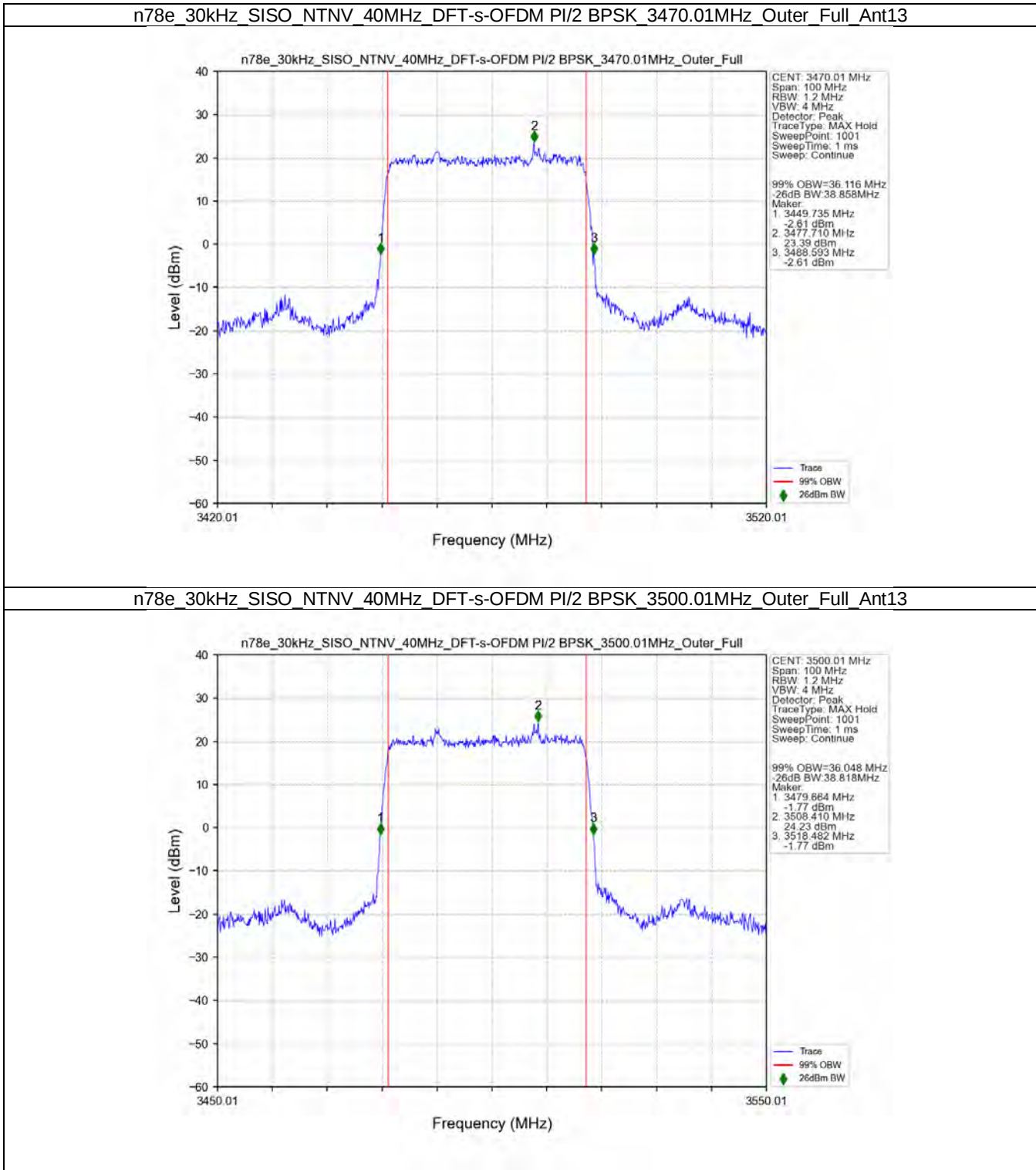
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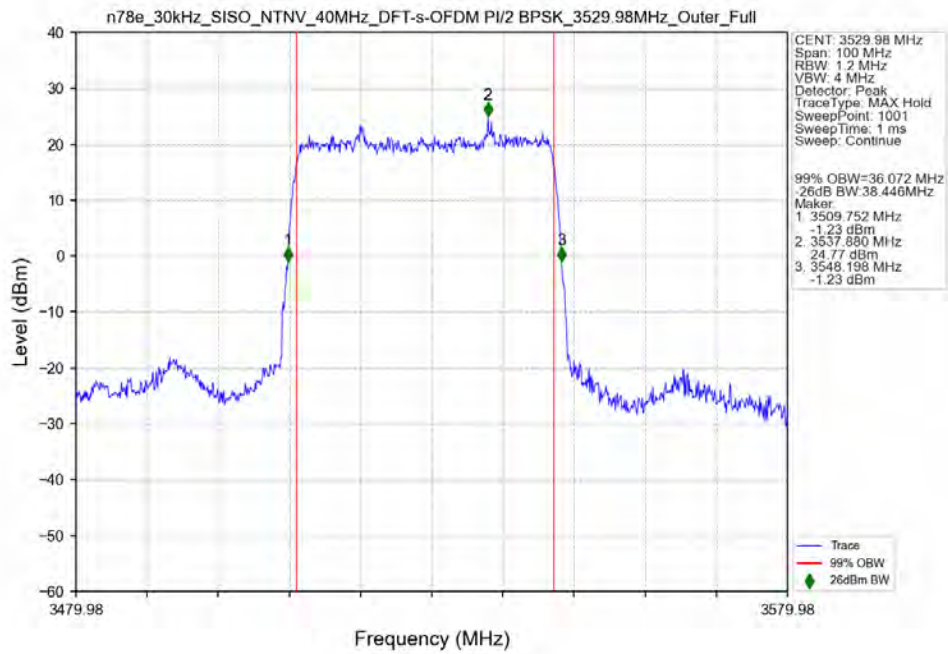
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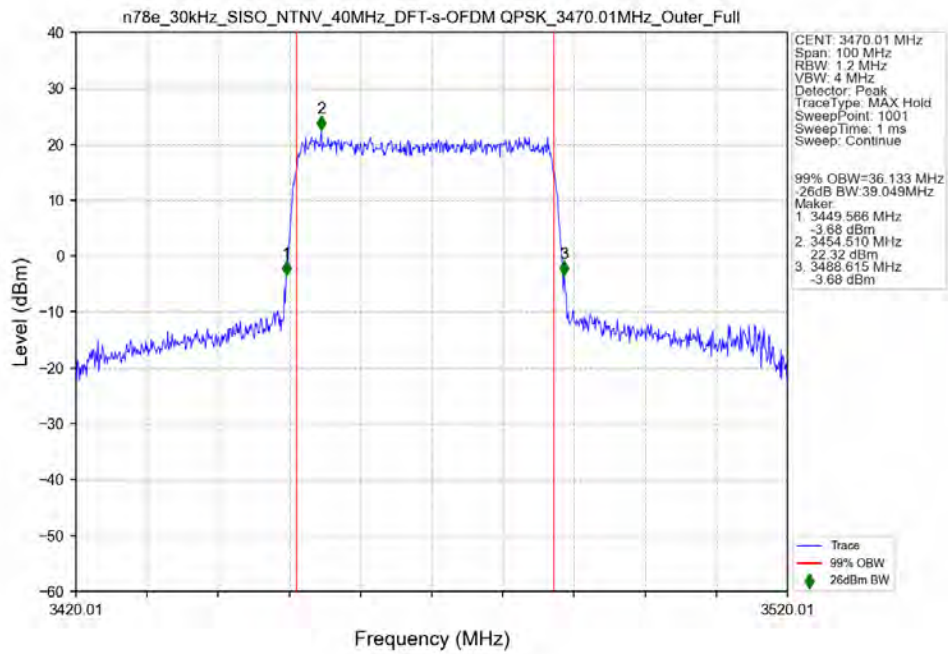
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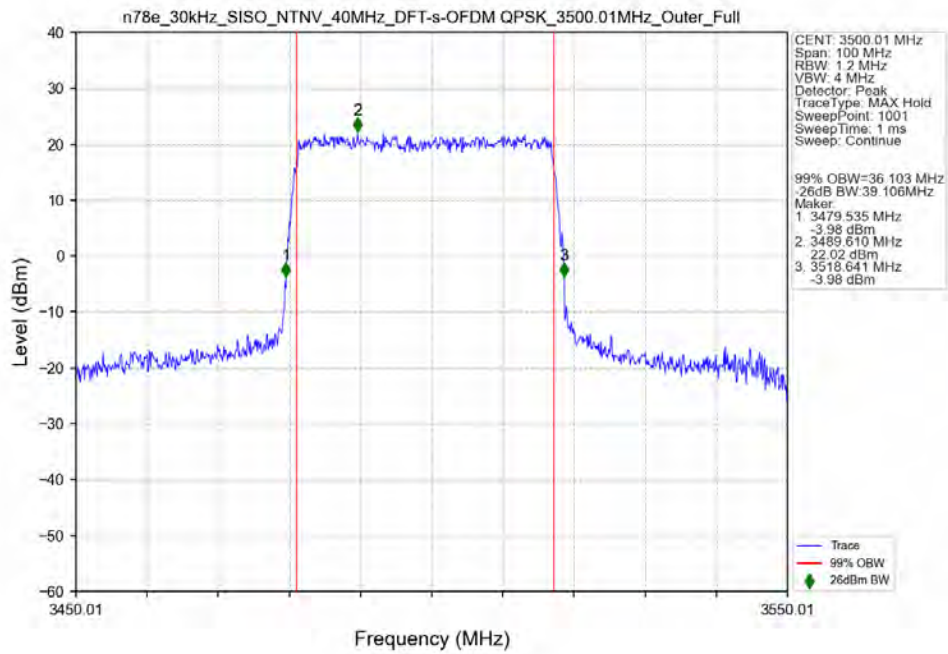
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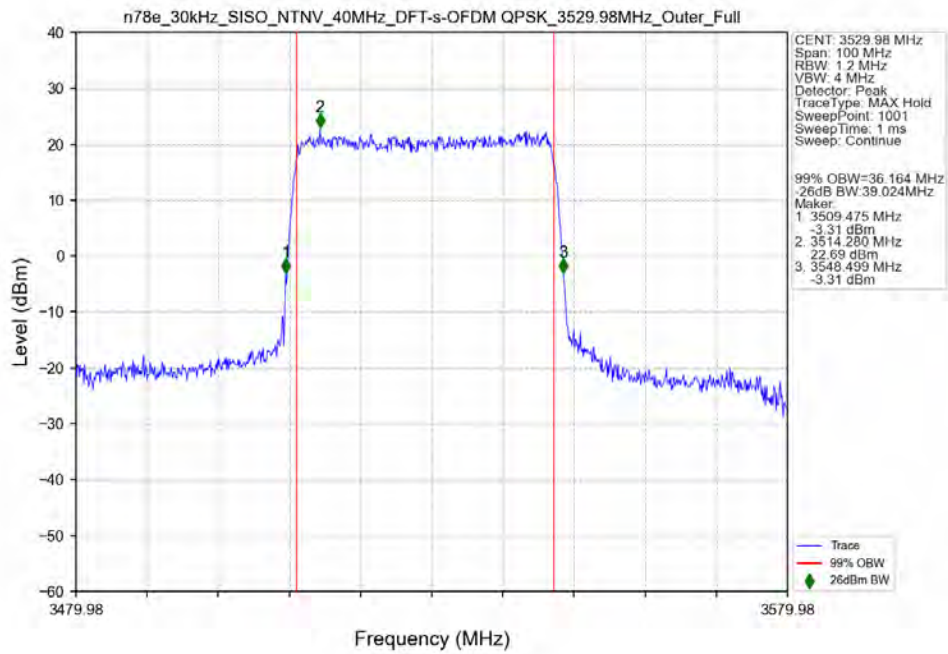
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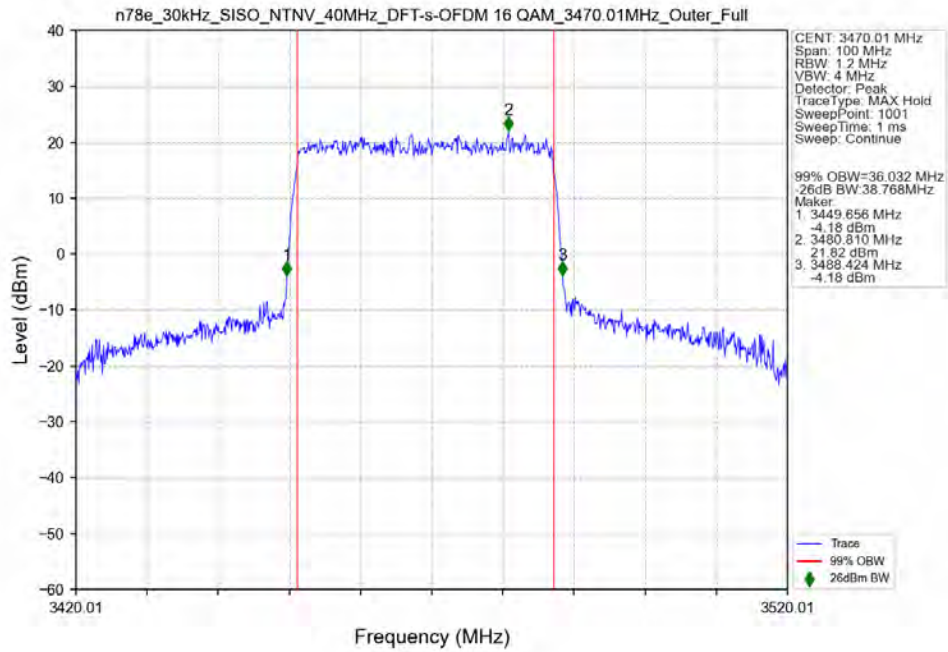
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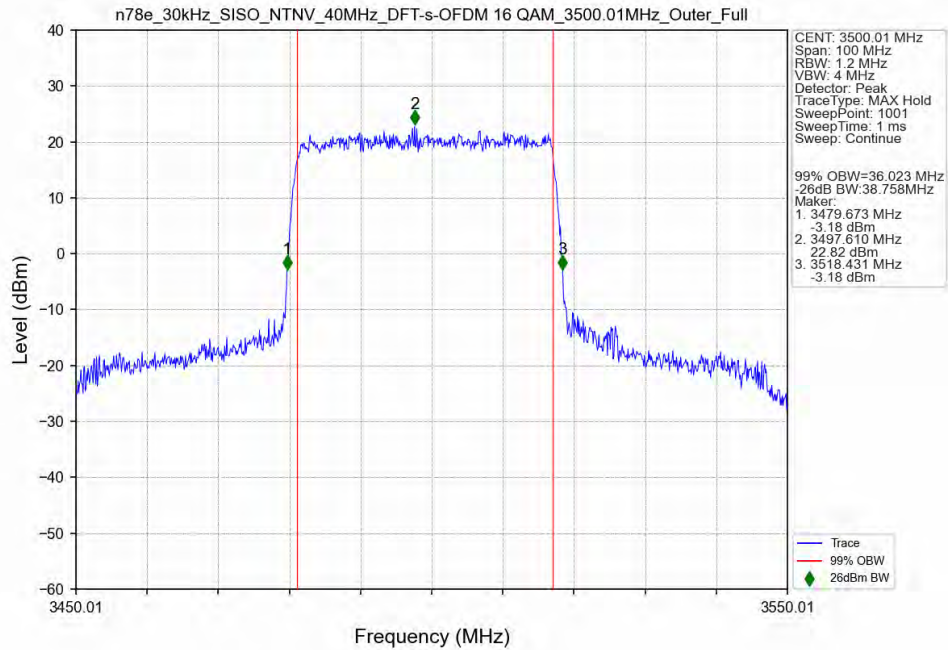
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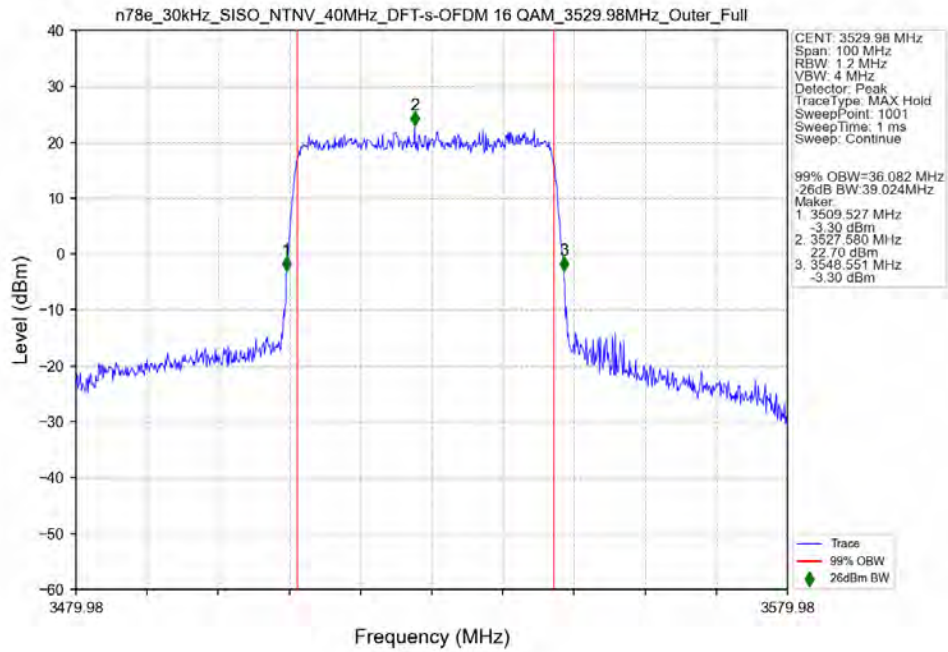
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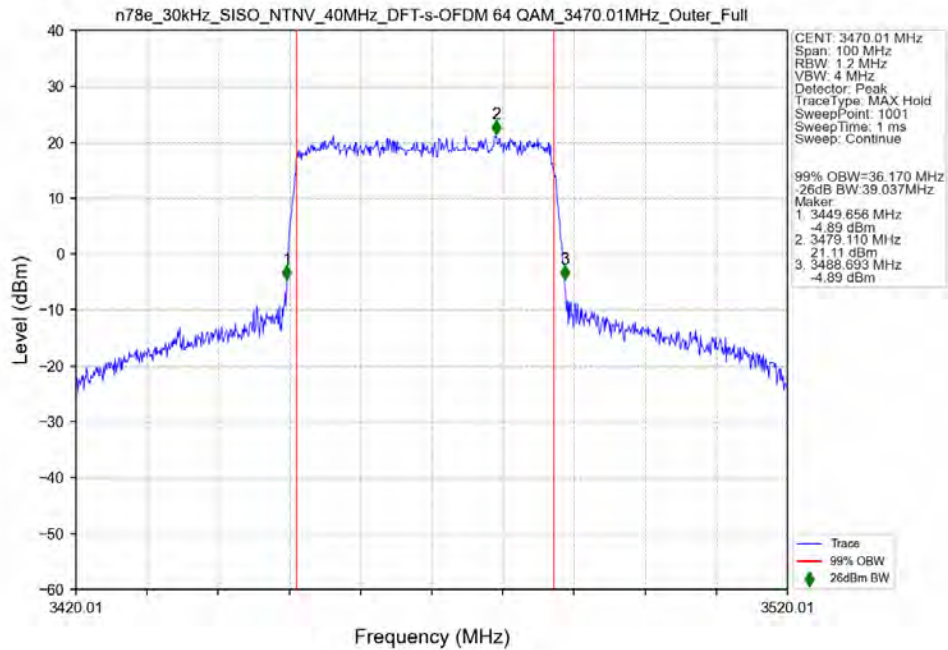
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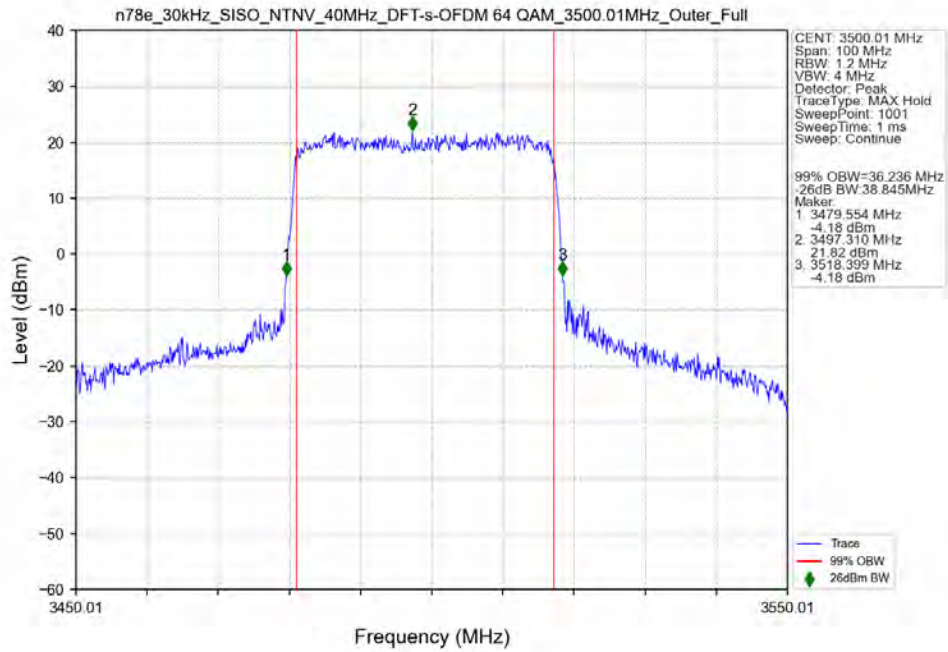
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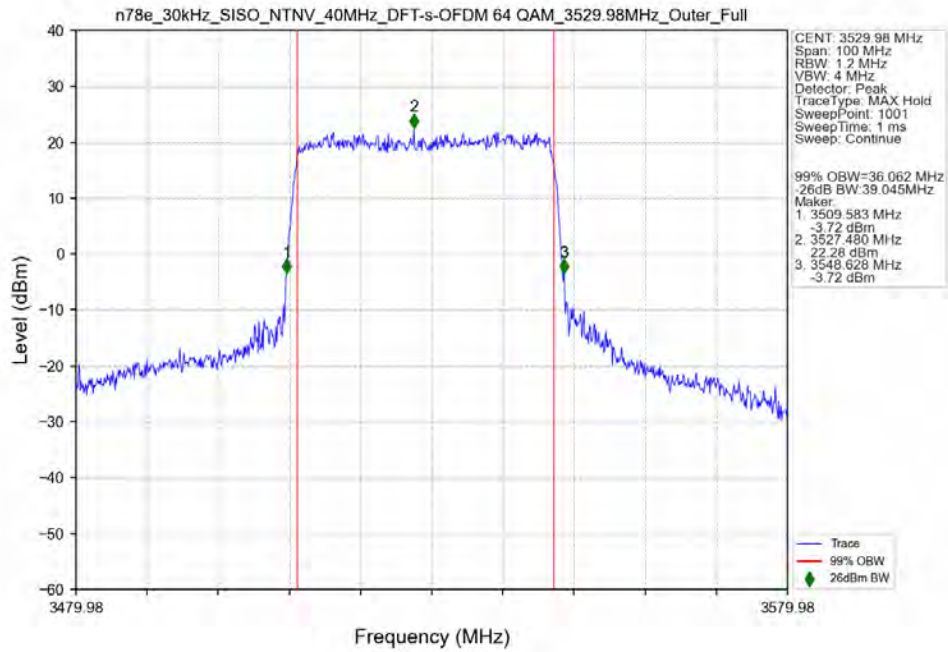
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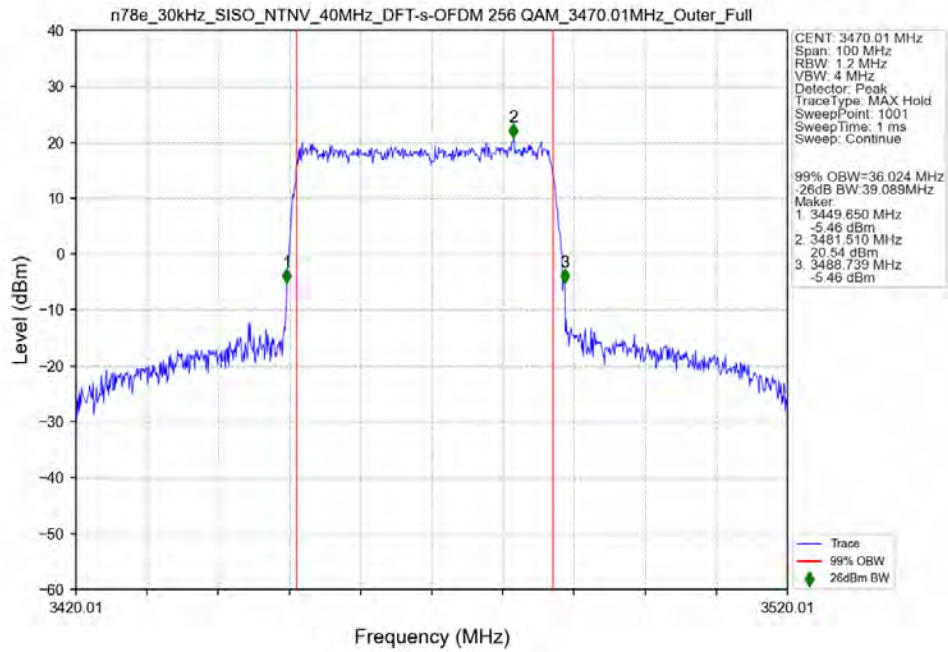
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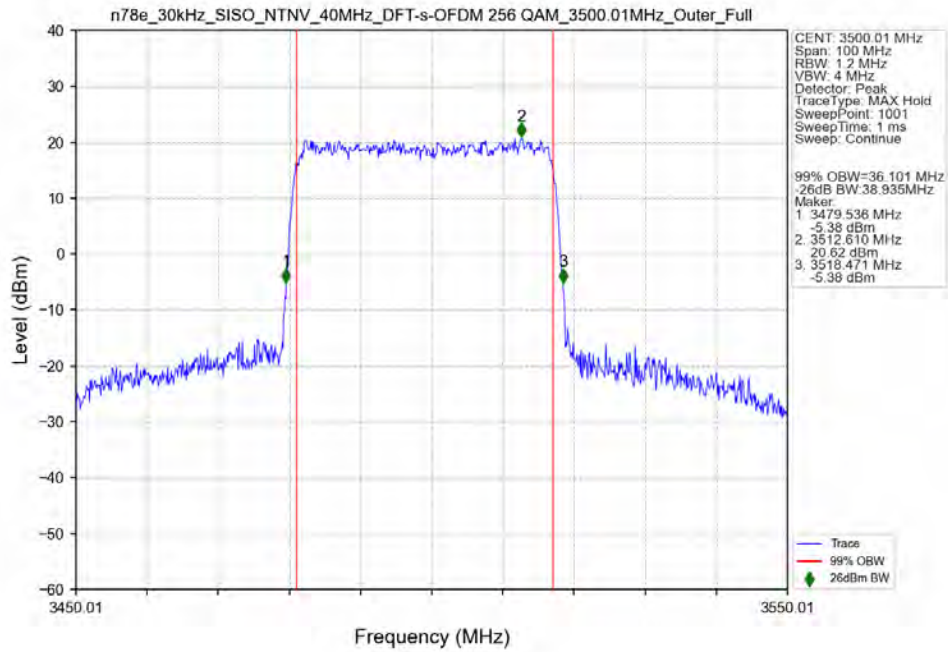
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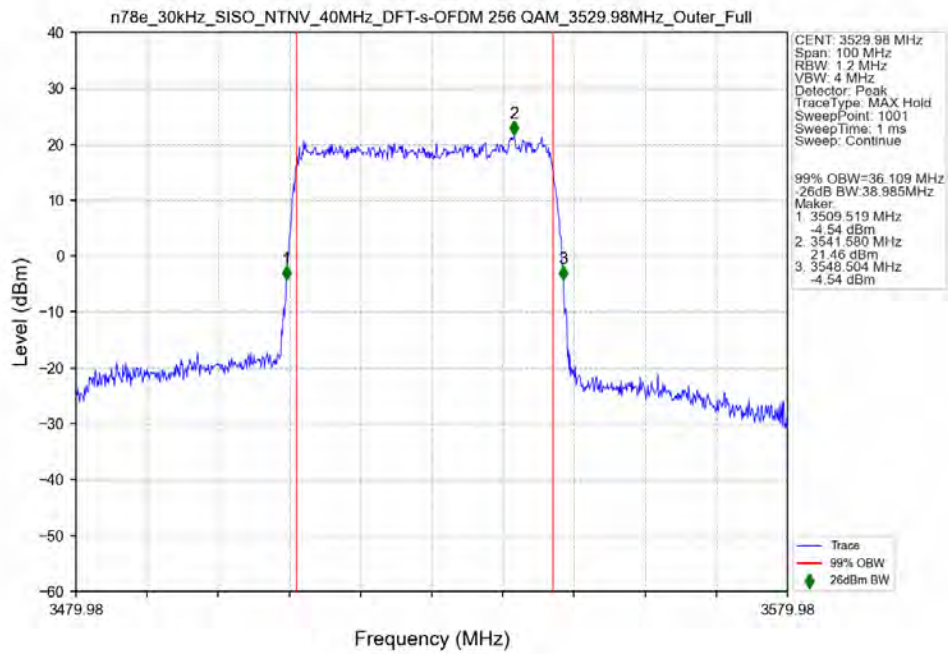
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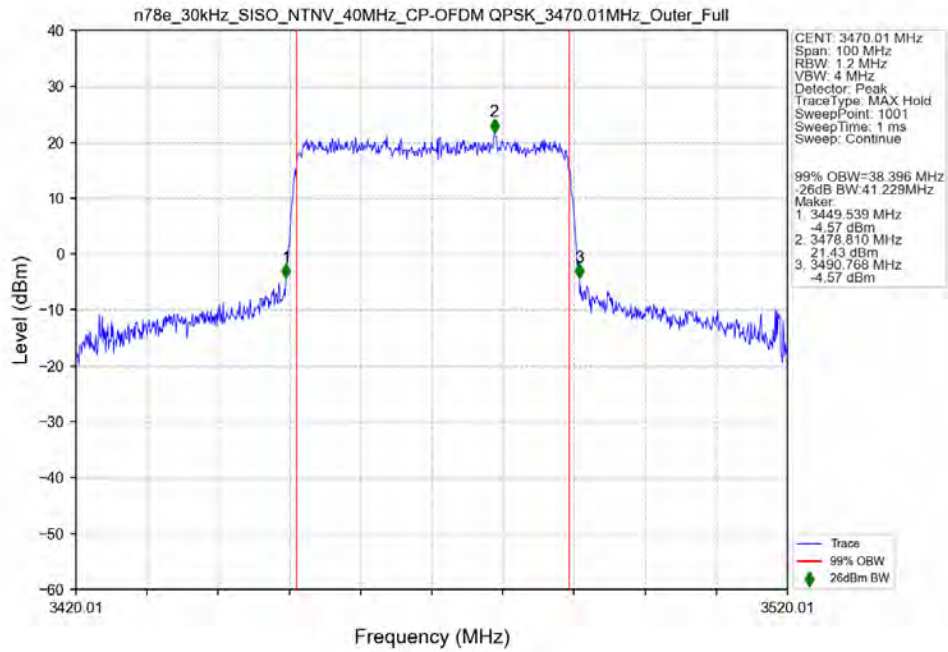
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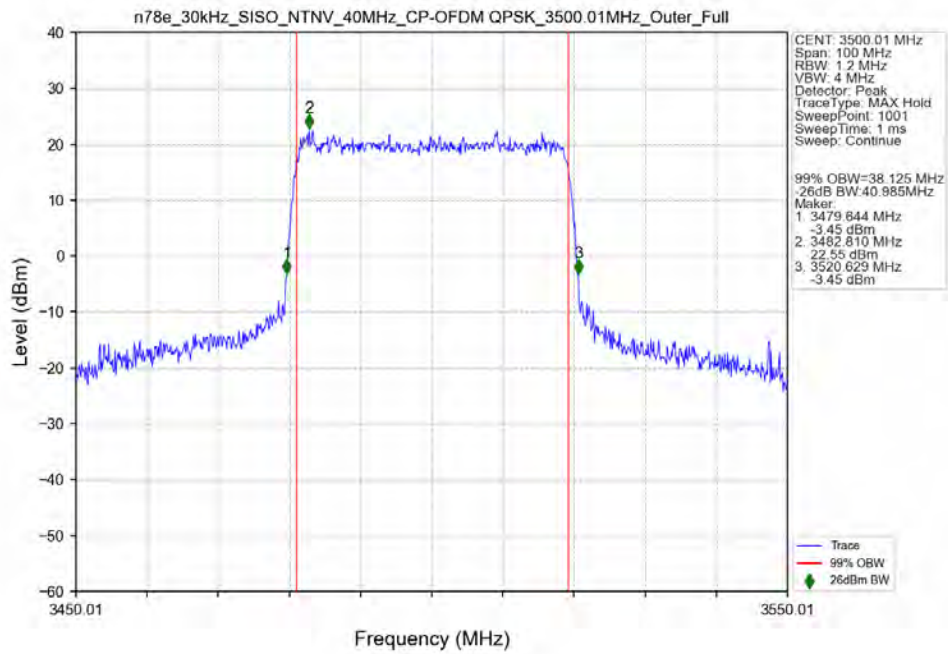
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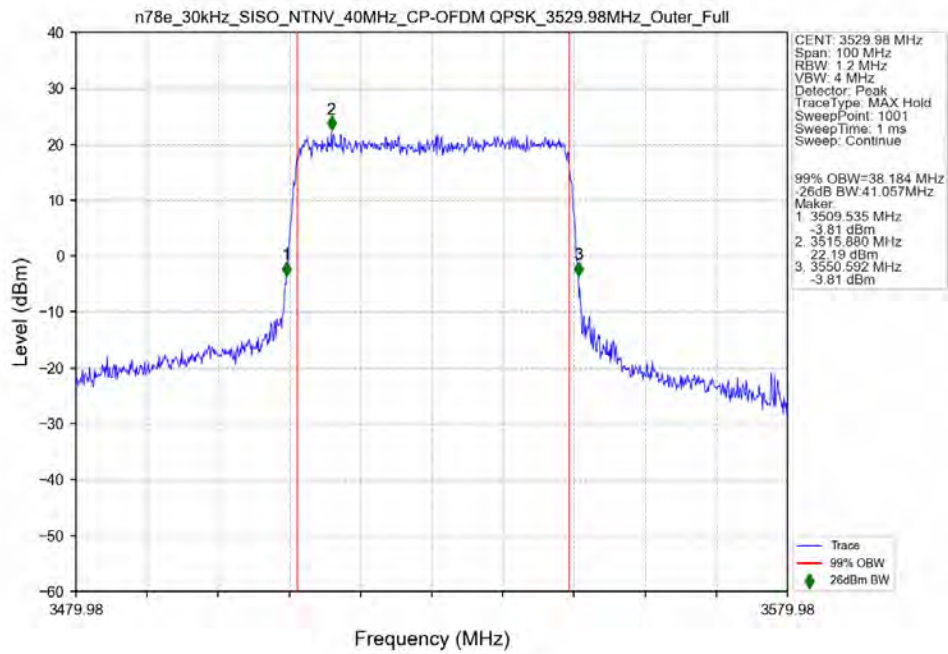
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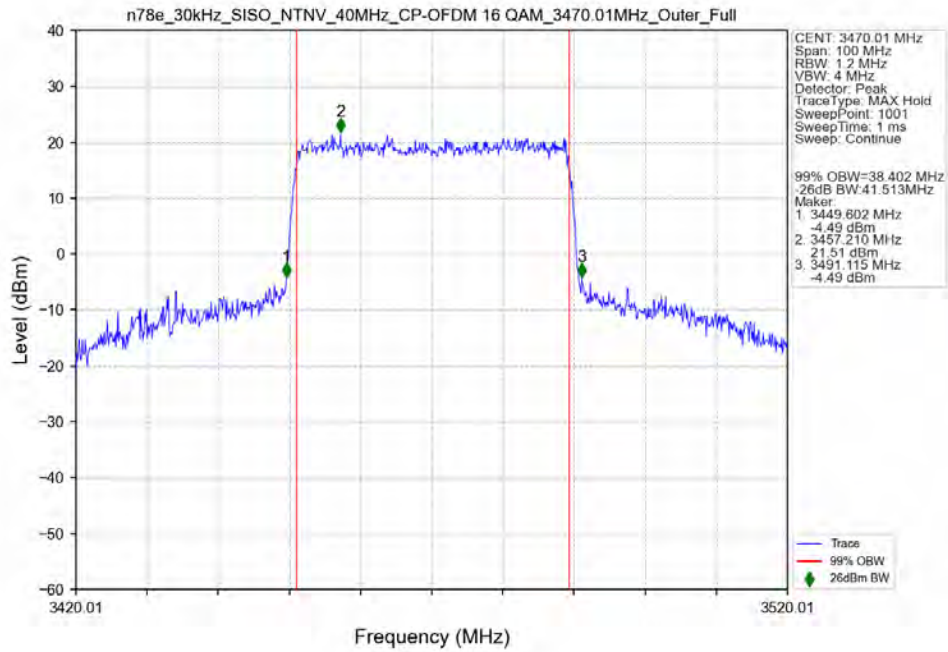
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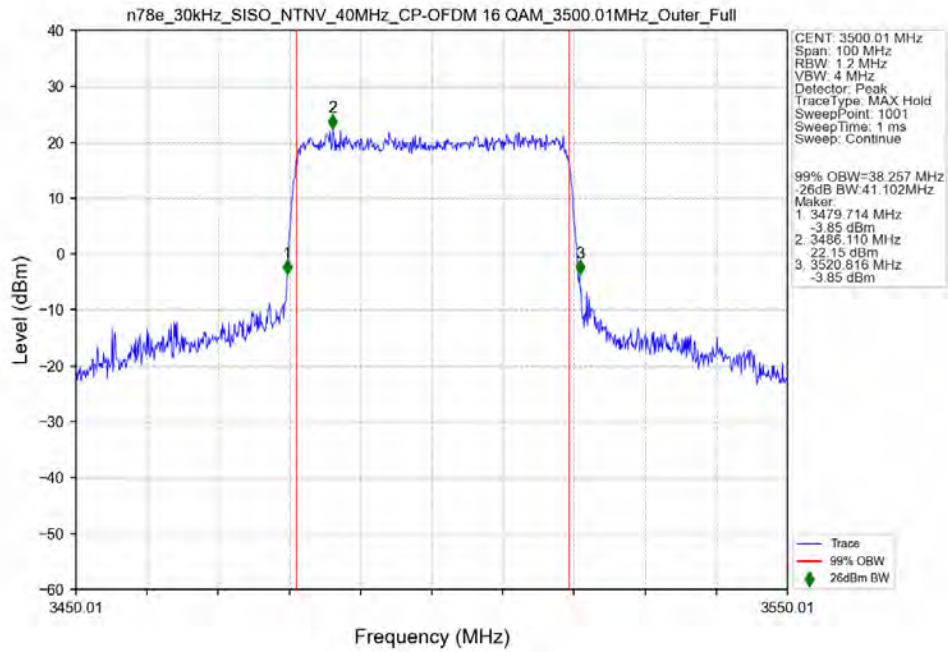
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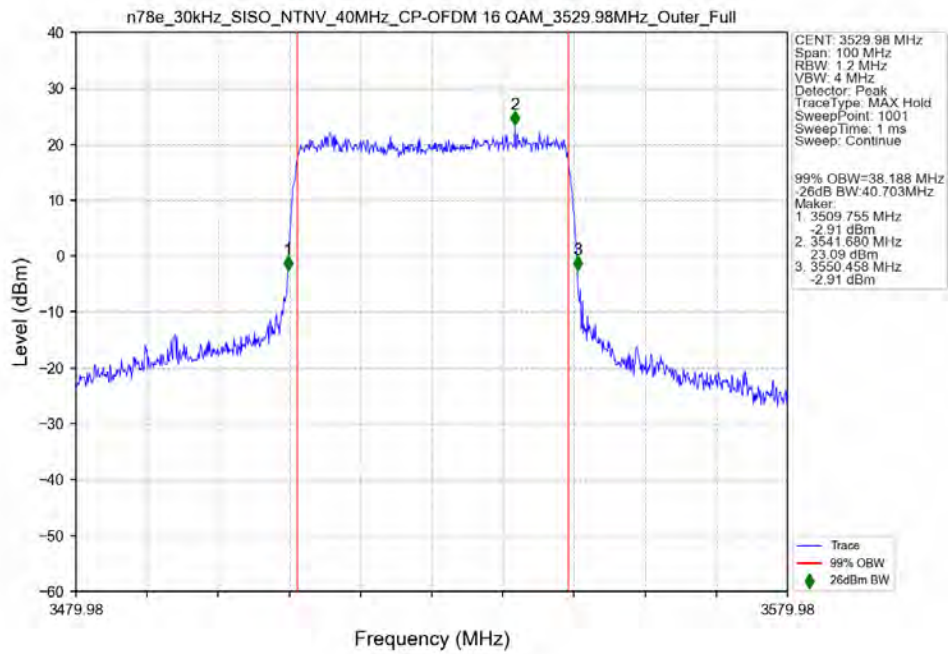
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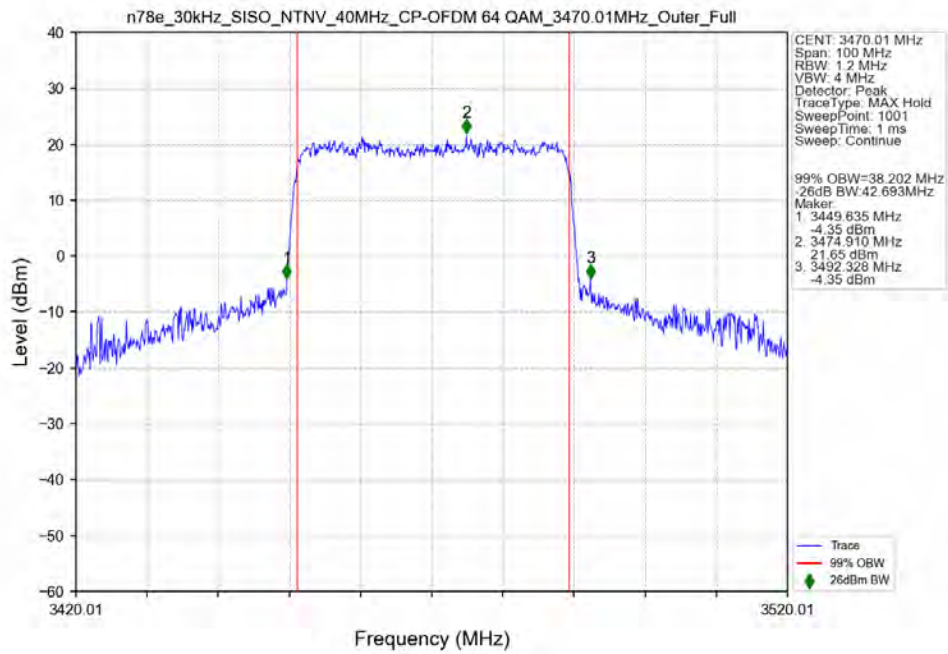
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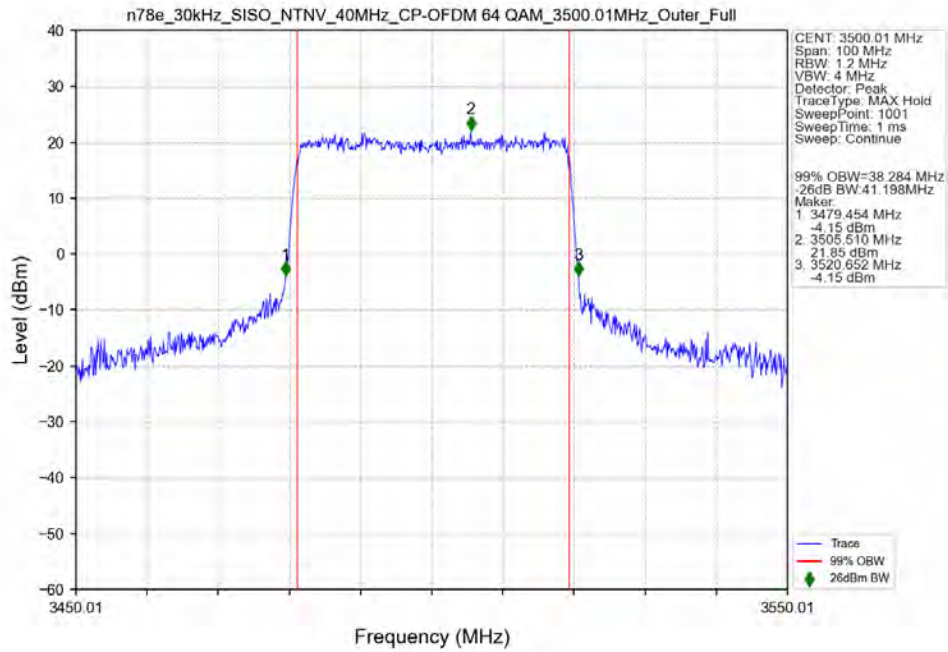
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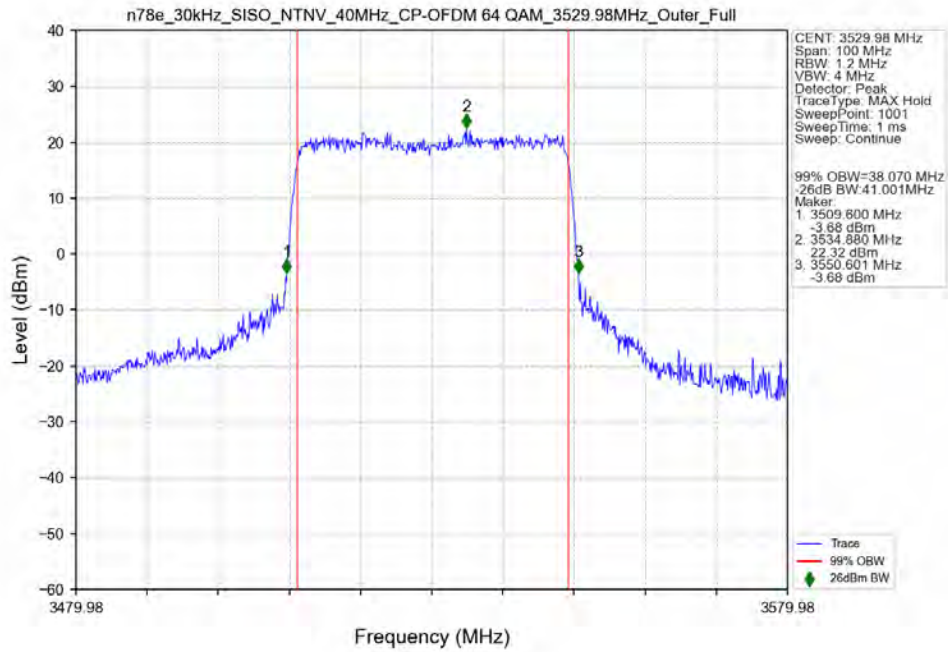
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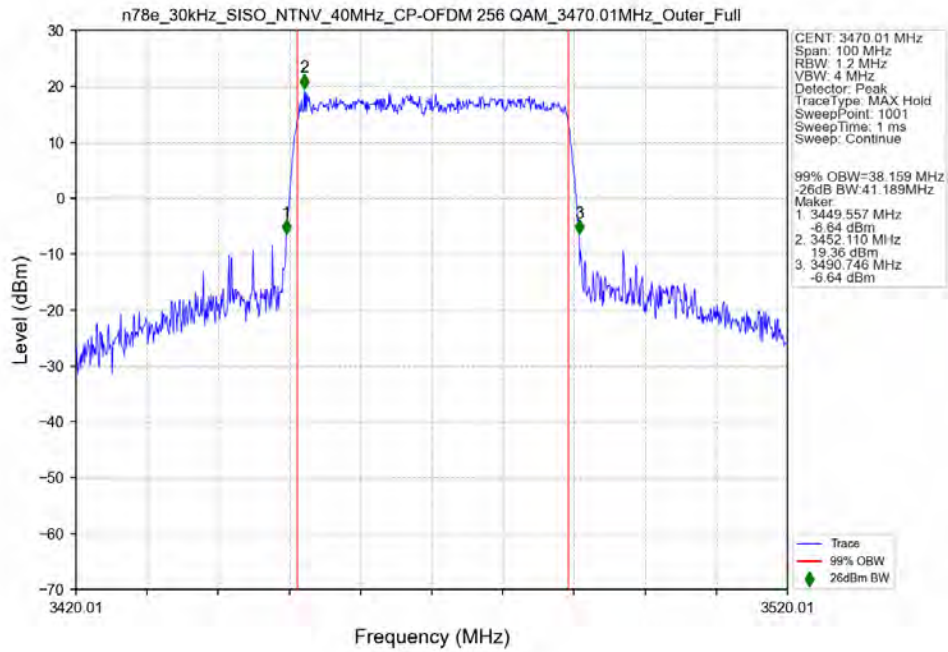
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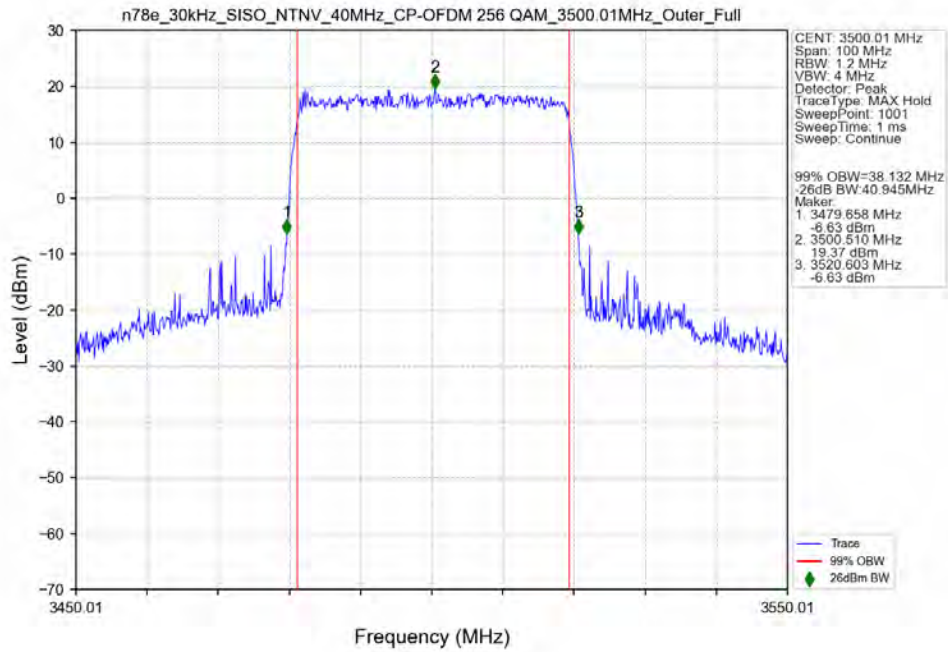
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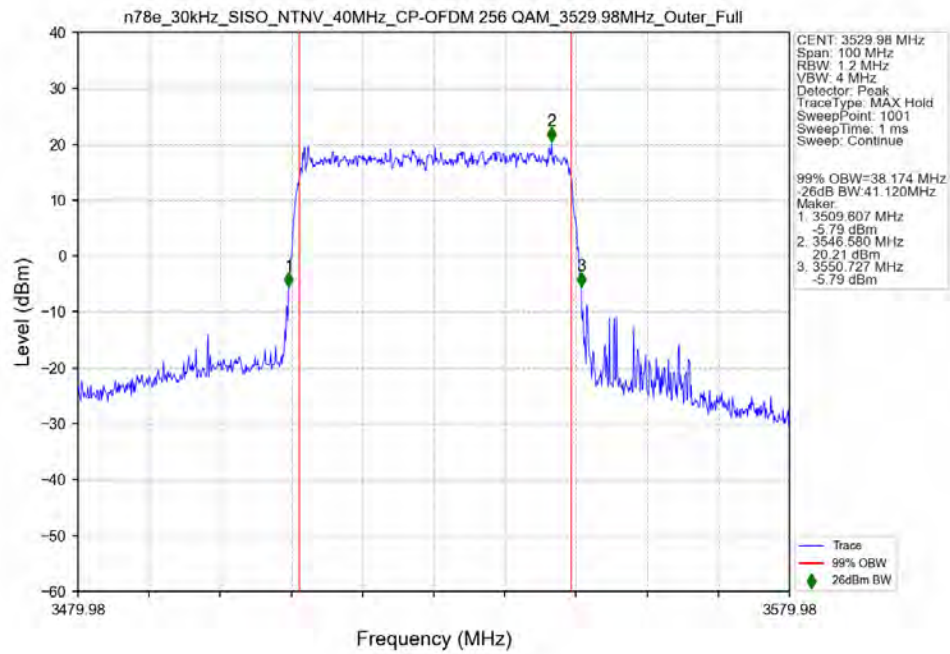
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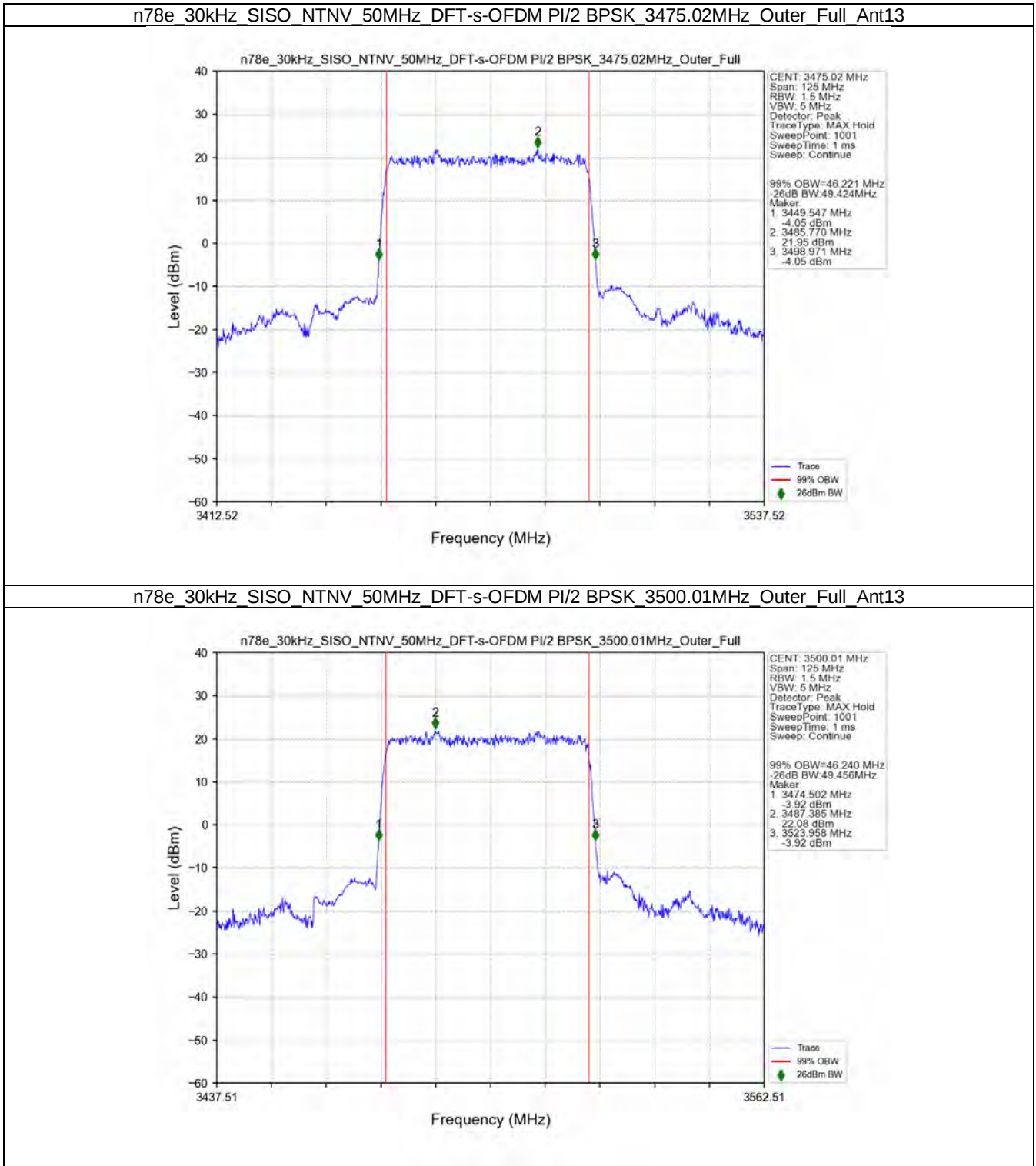
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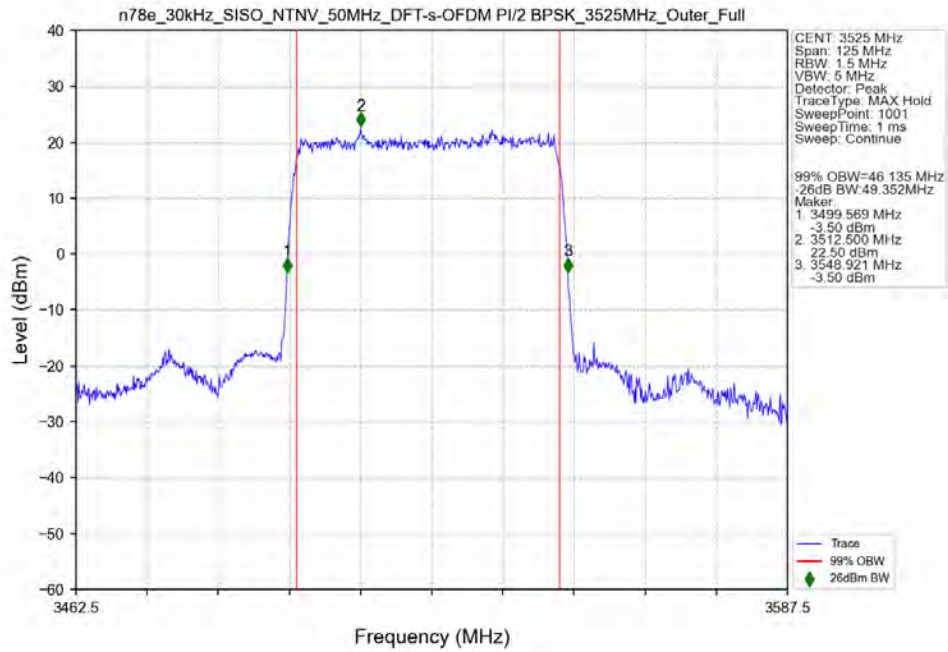
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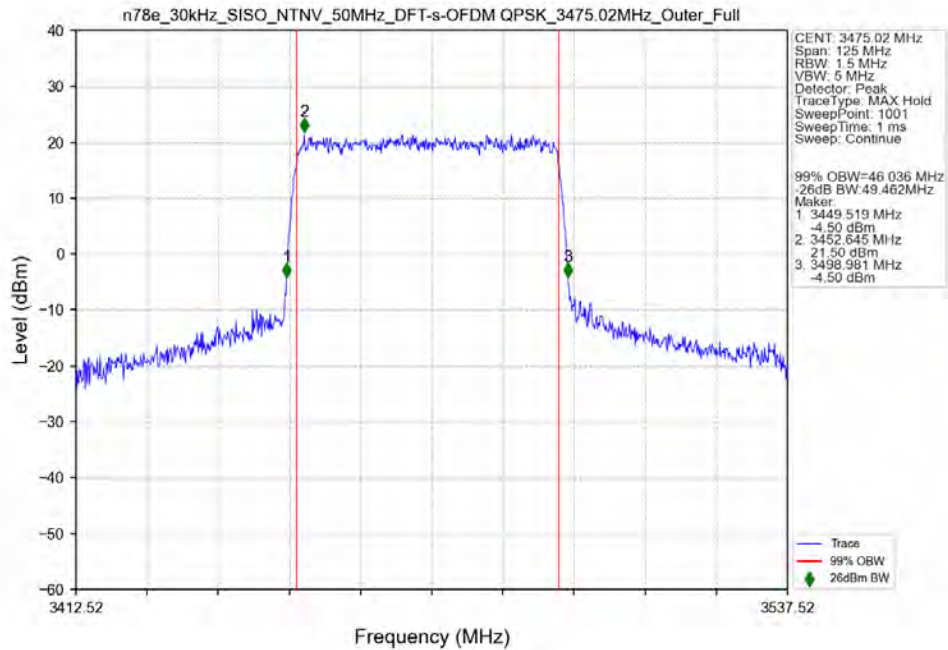
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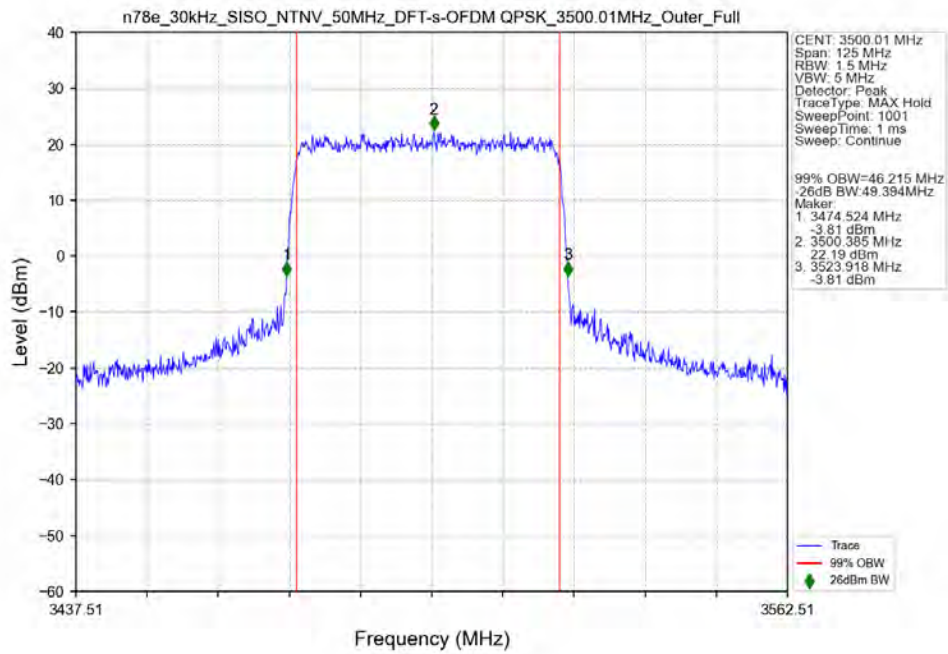
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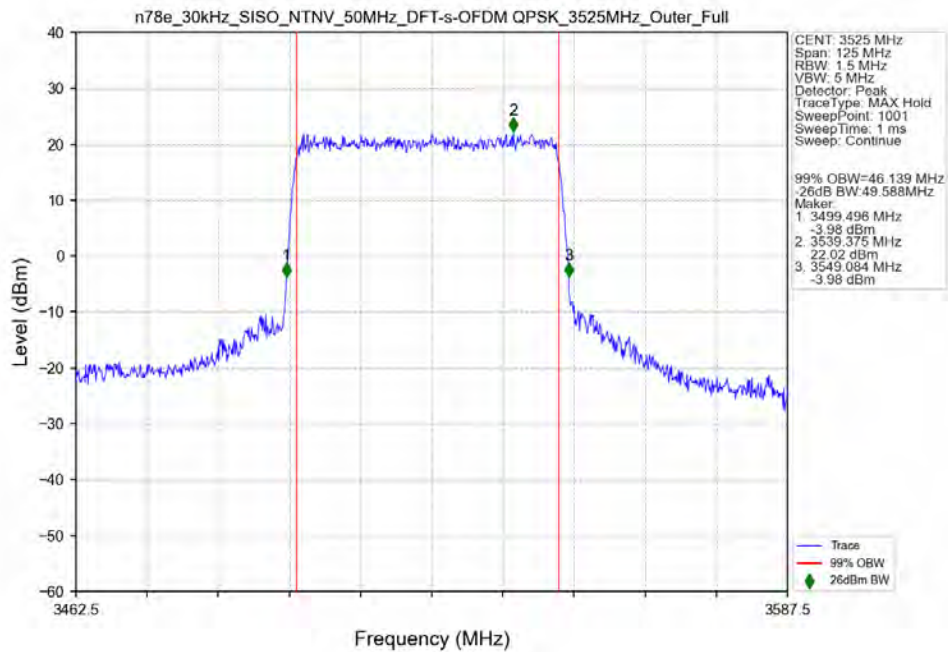
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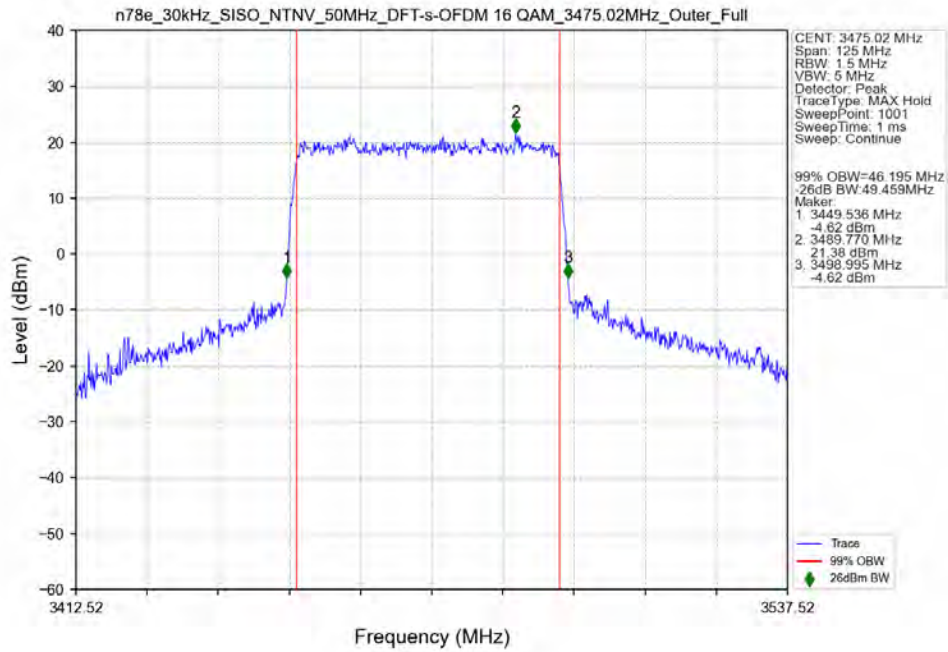
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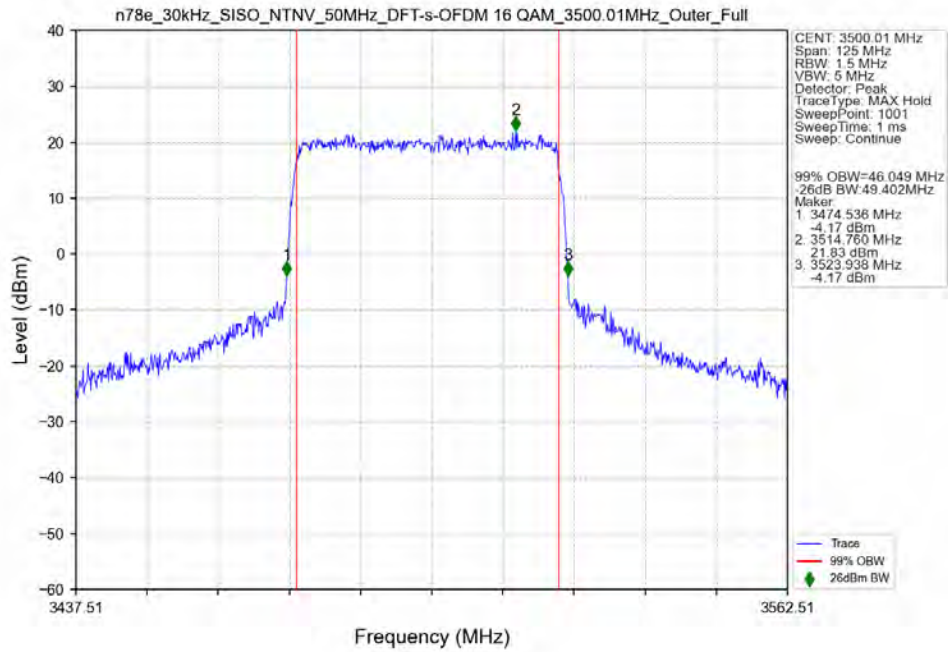
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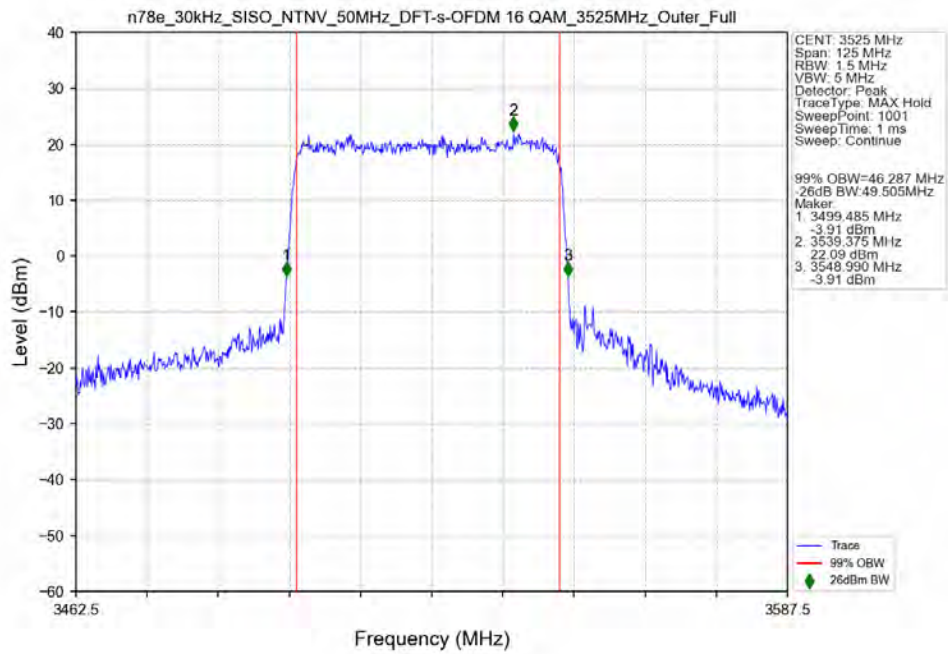
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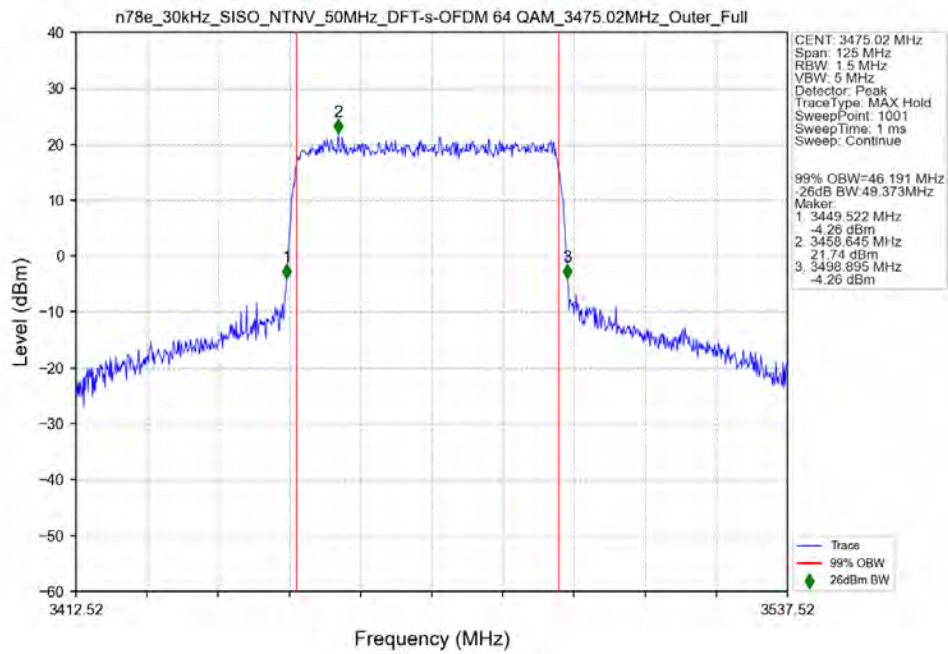
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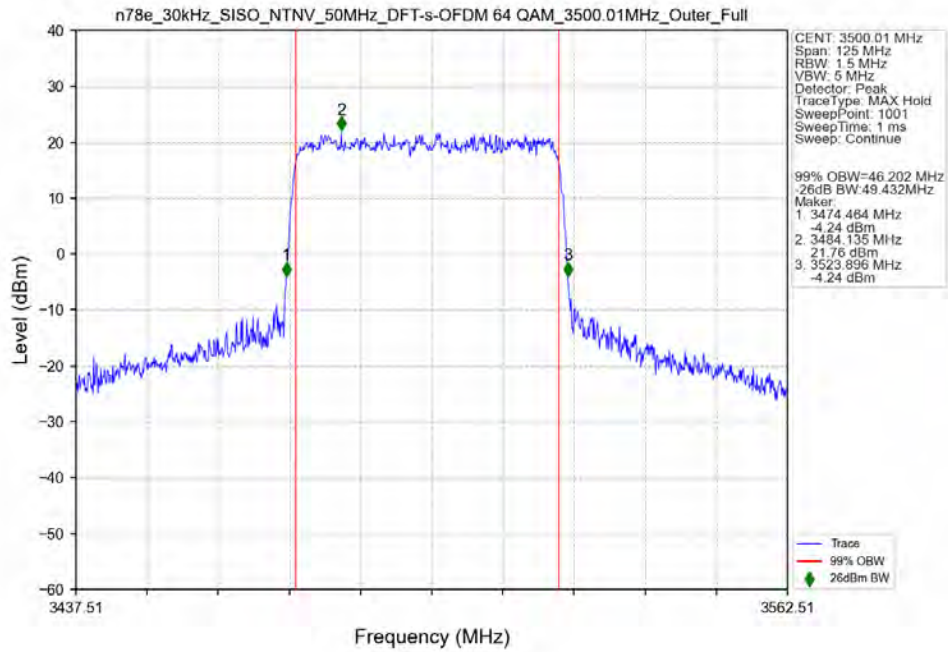
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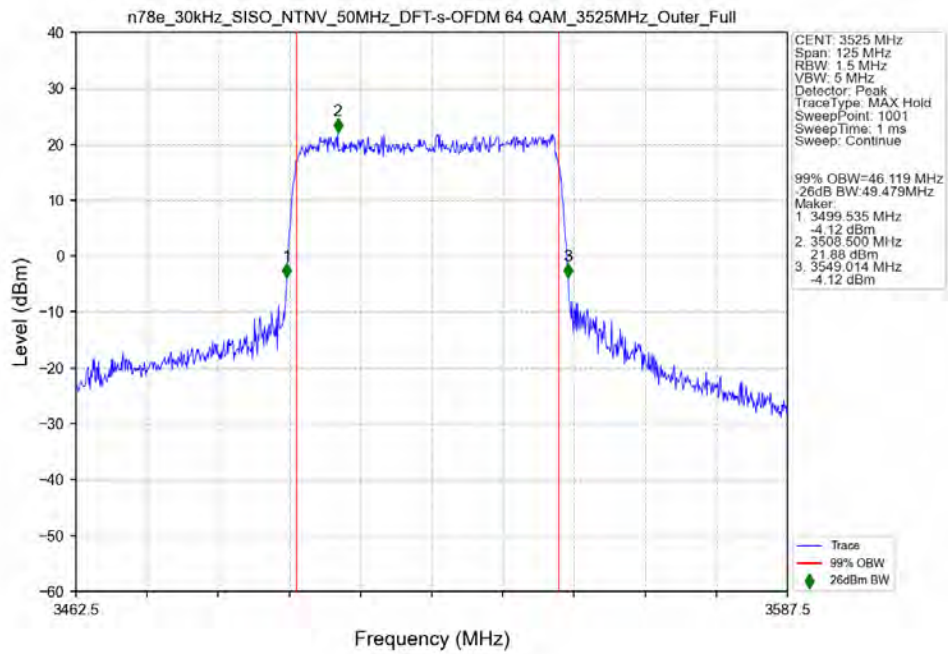
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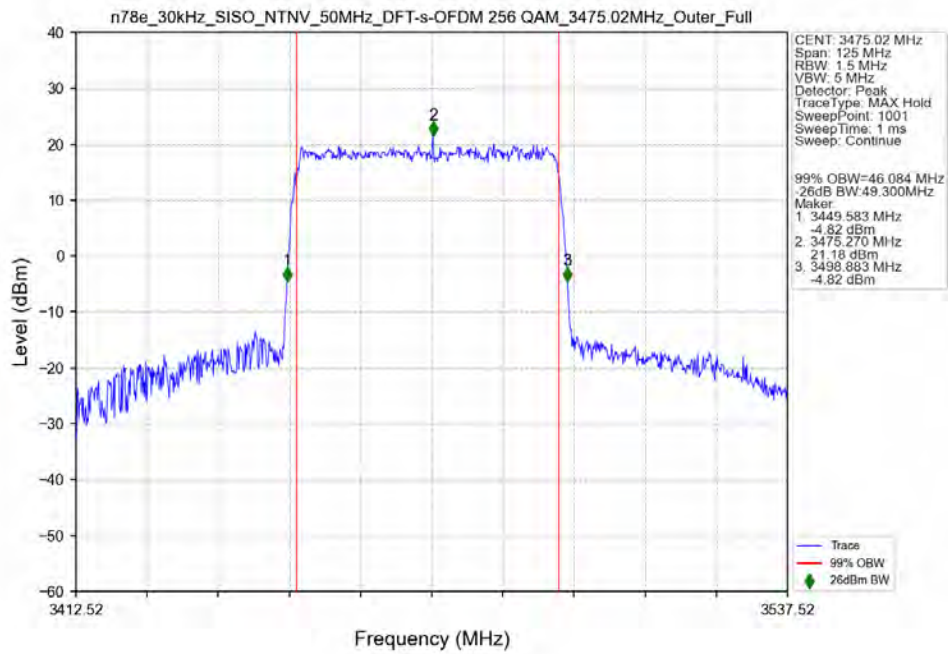
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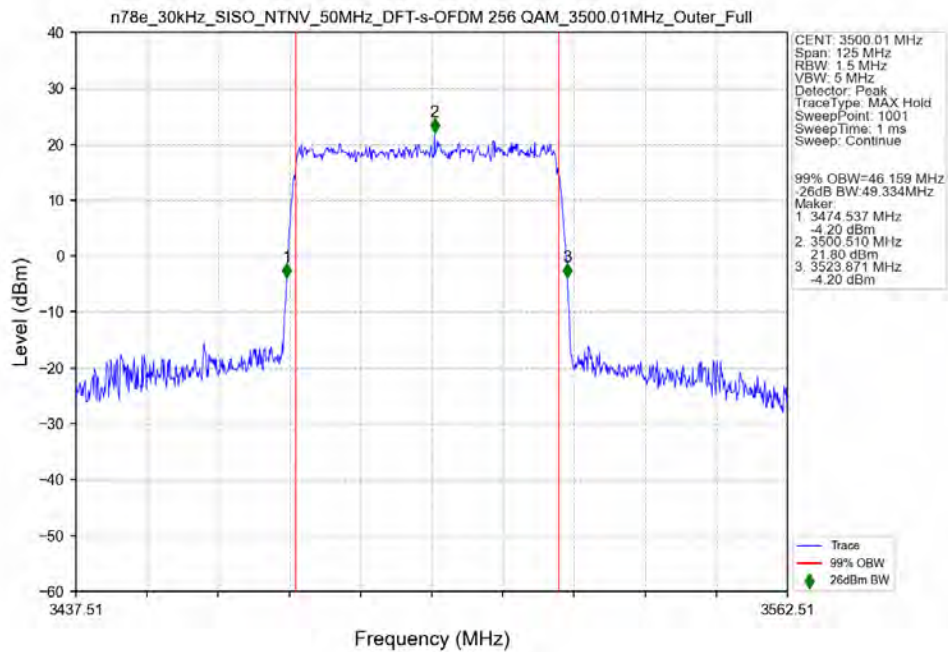
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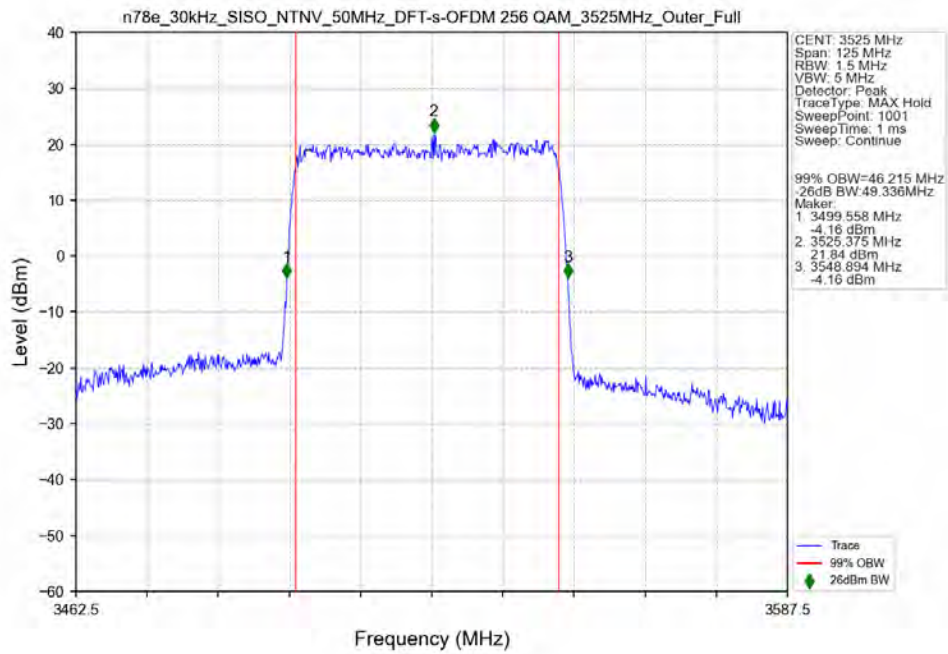
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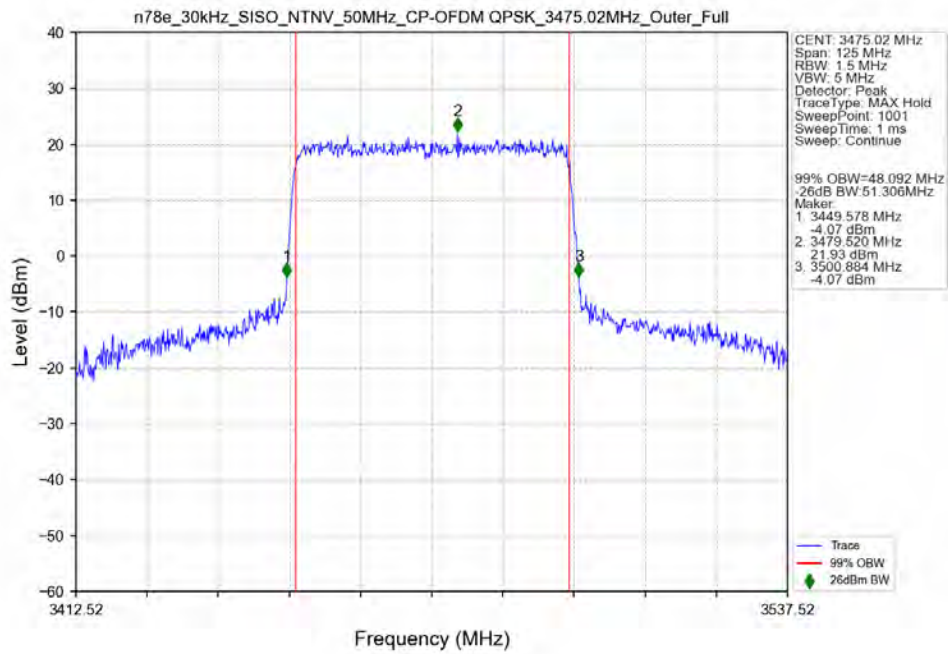
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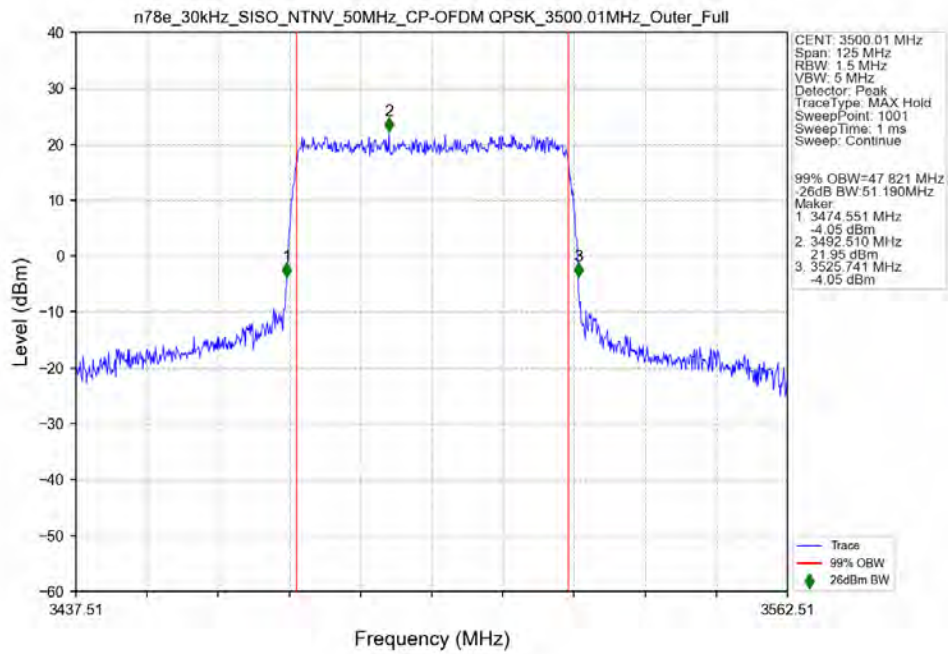
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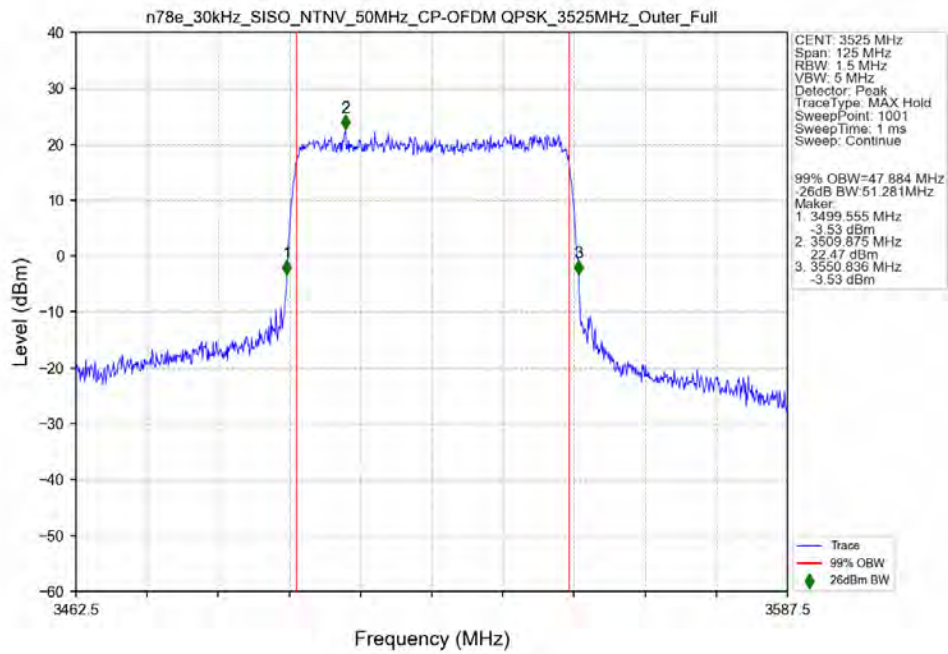
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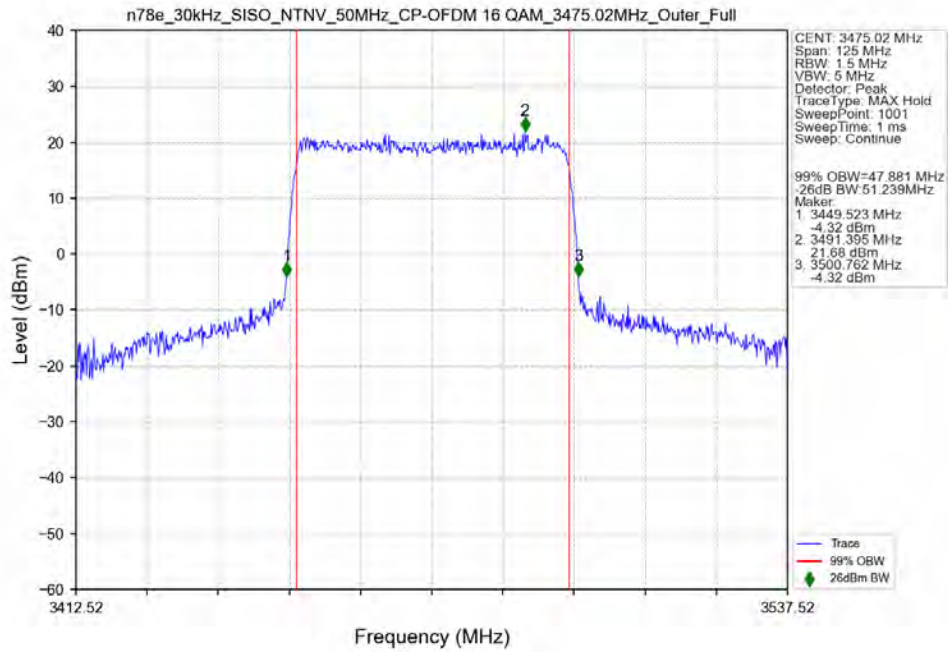
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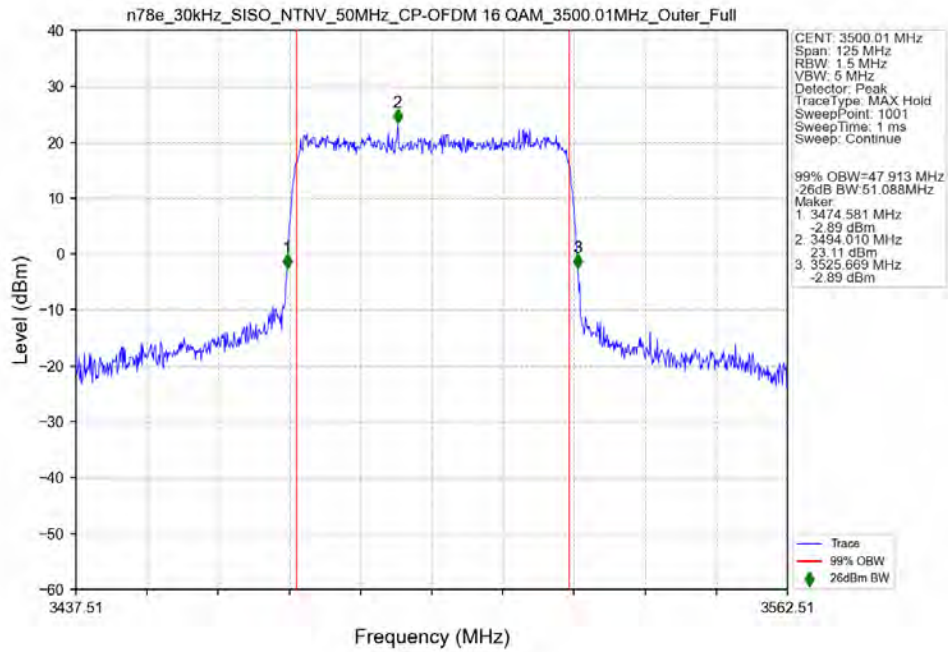
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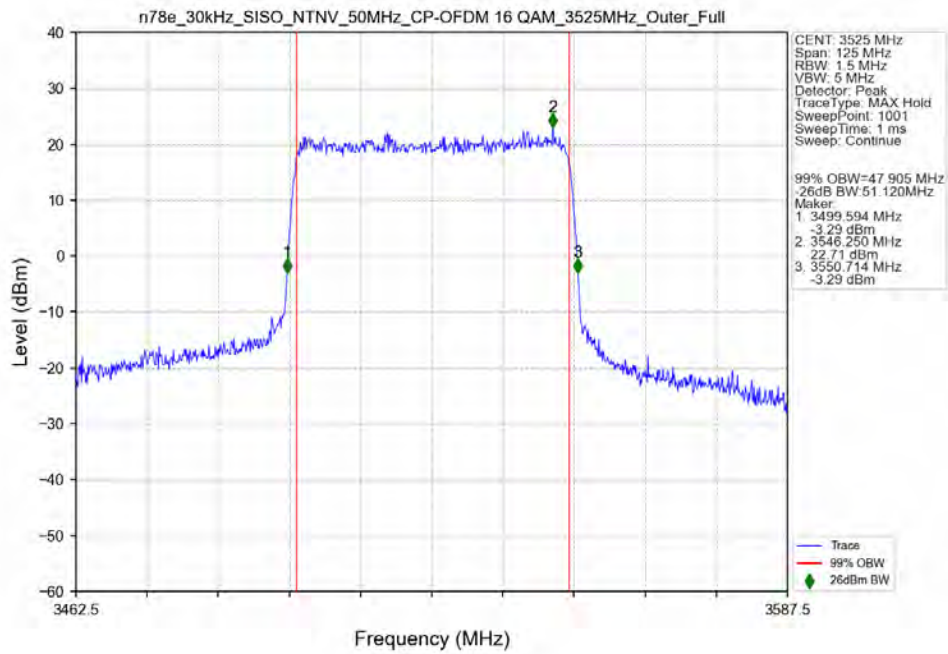
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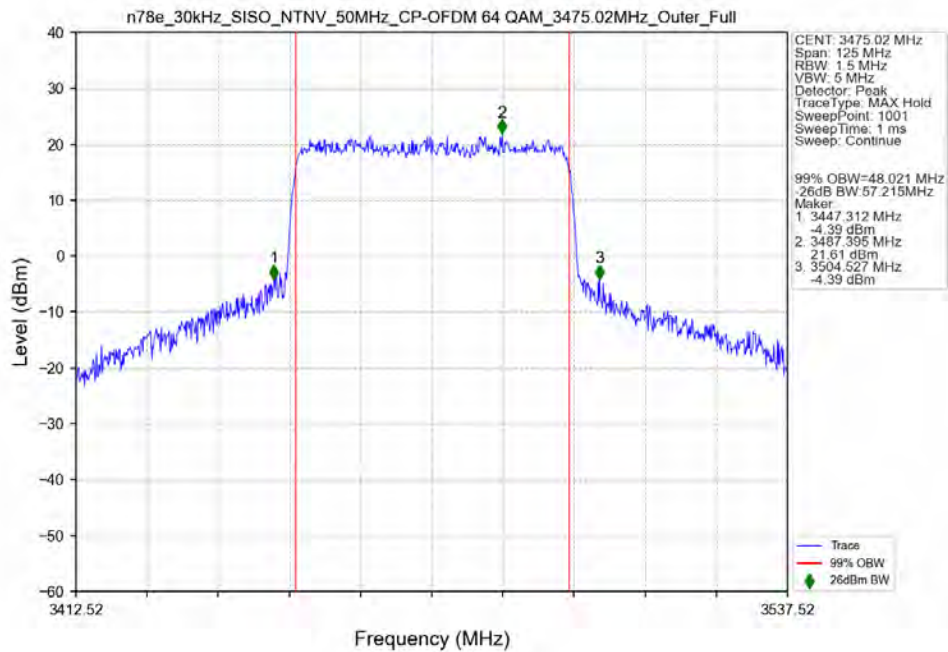
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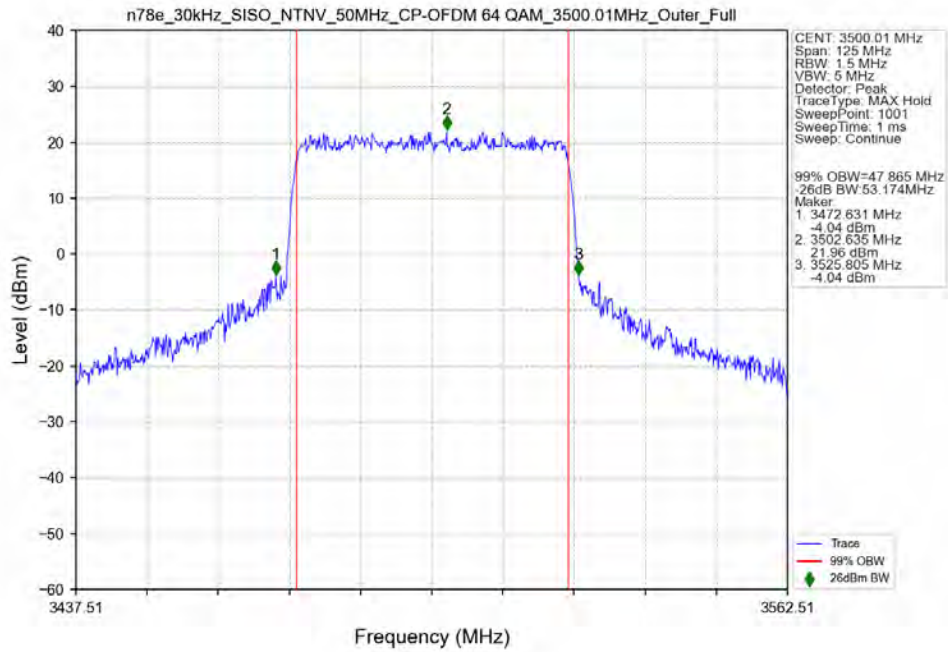
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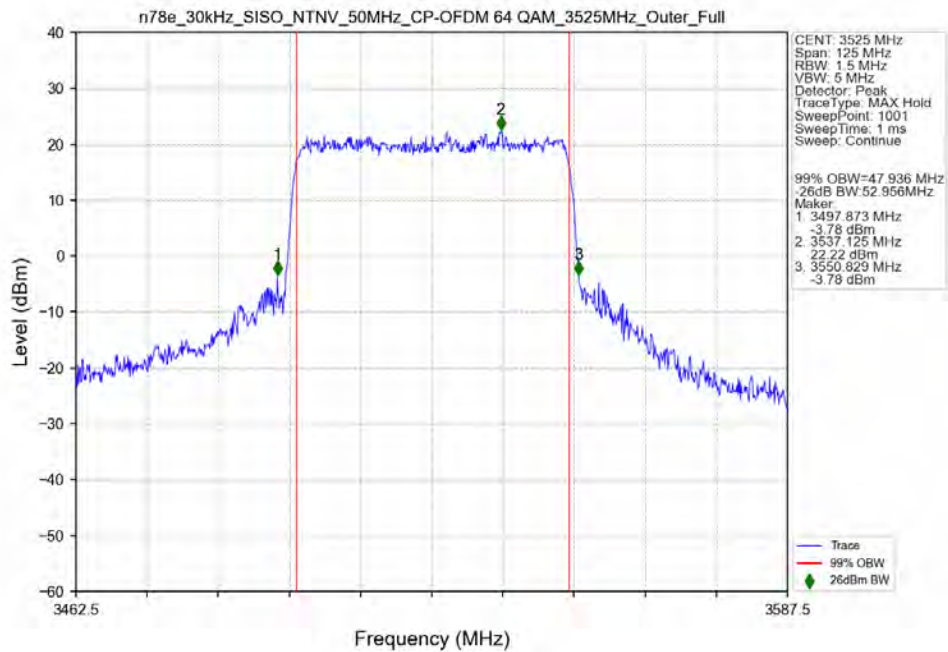
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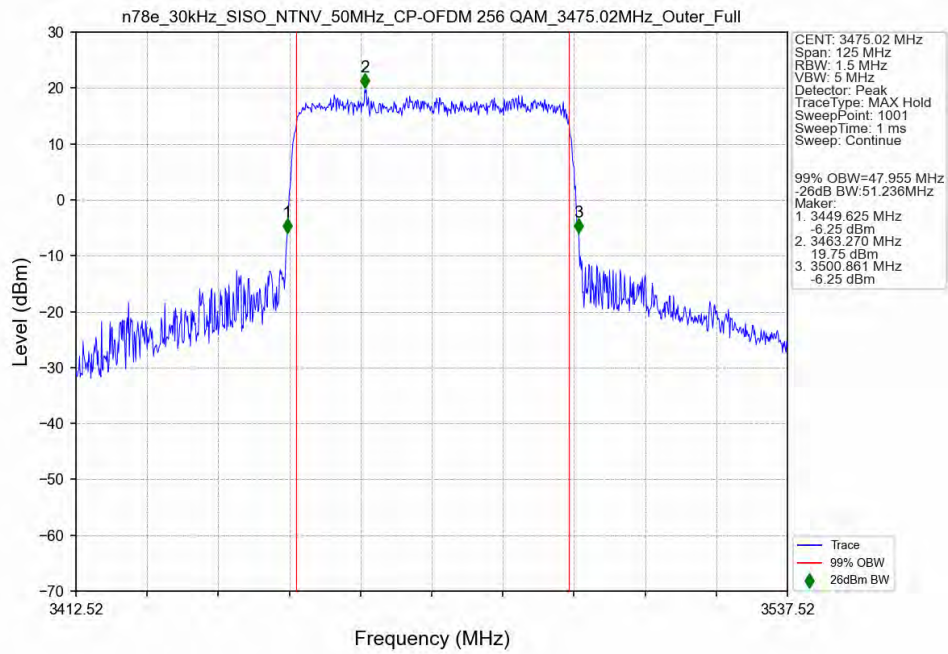
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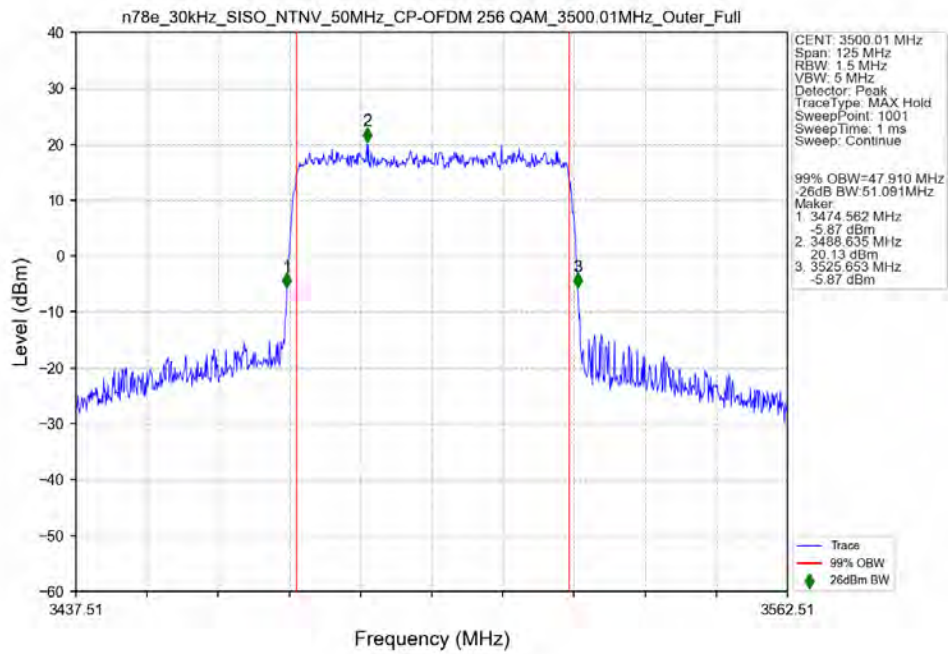
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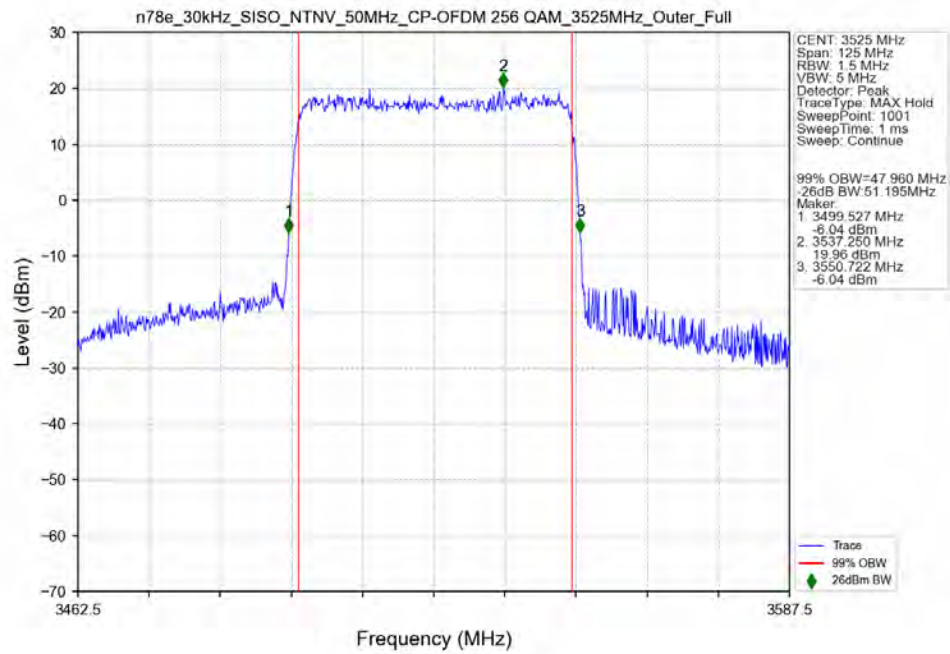
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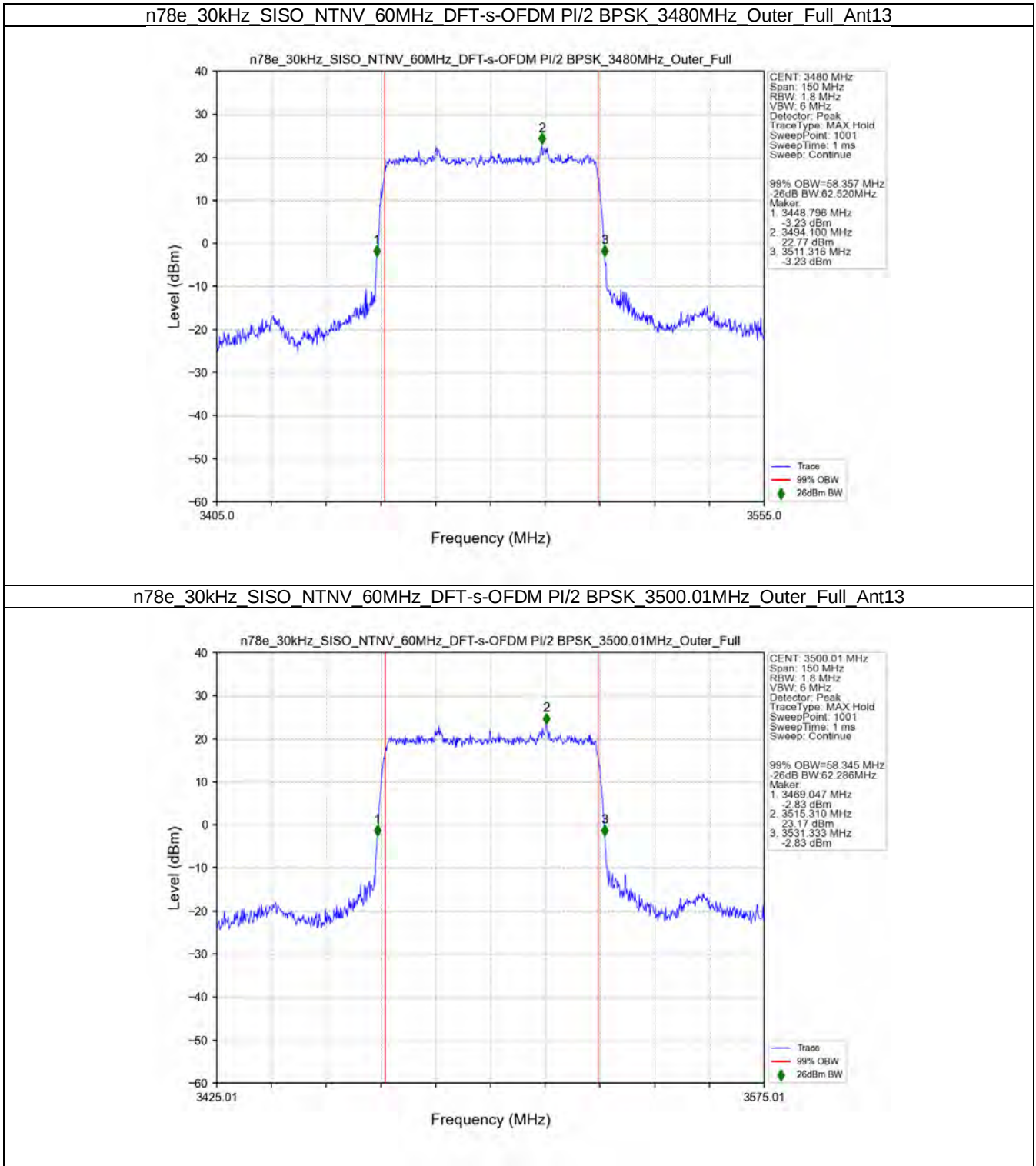
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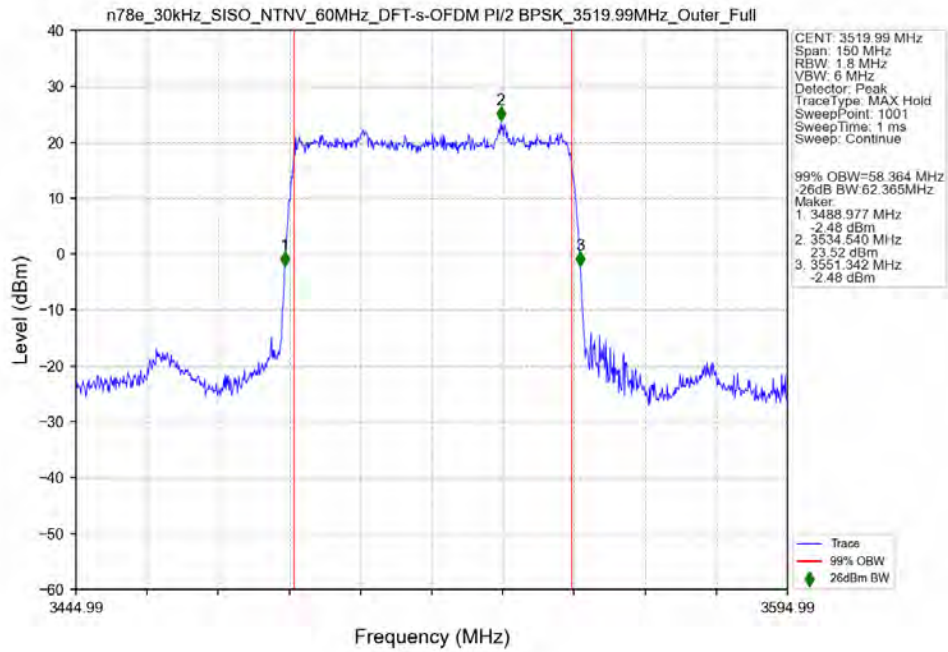
n78e 30kHz SISO NTN 50MHz CP-OFDM 256 QAM 3525MHz Outer Full Ant13



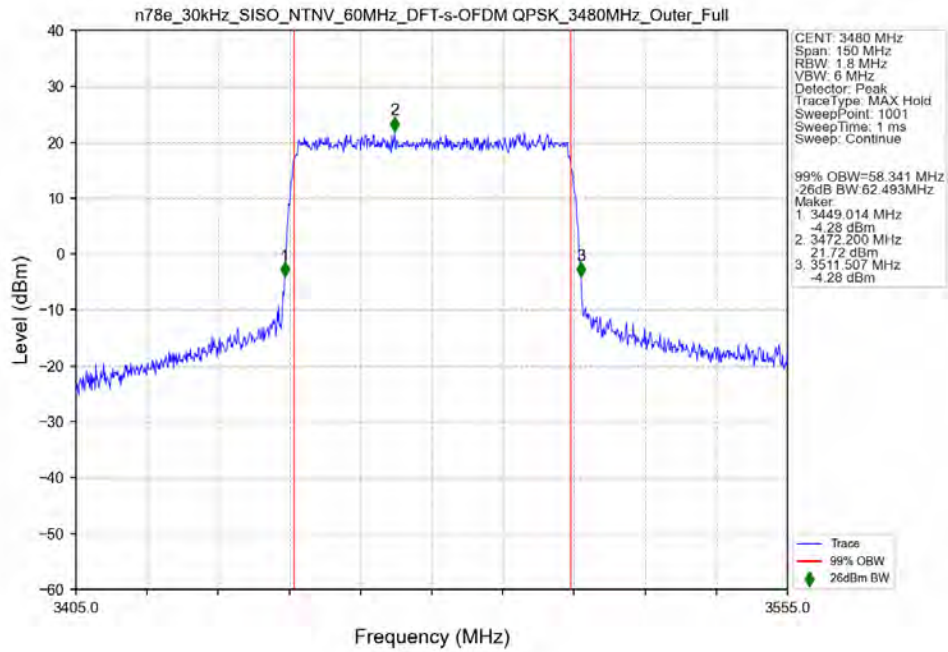
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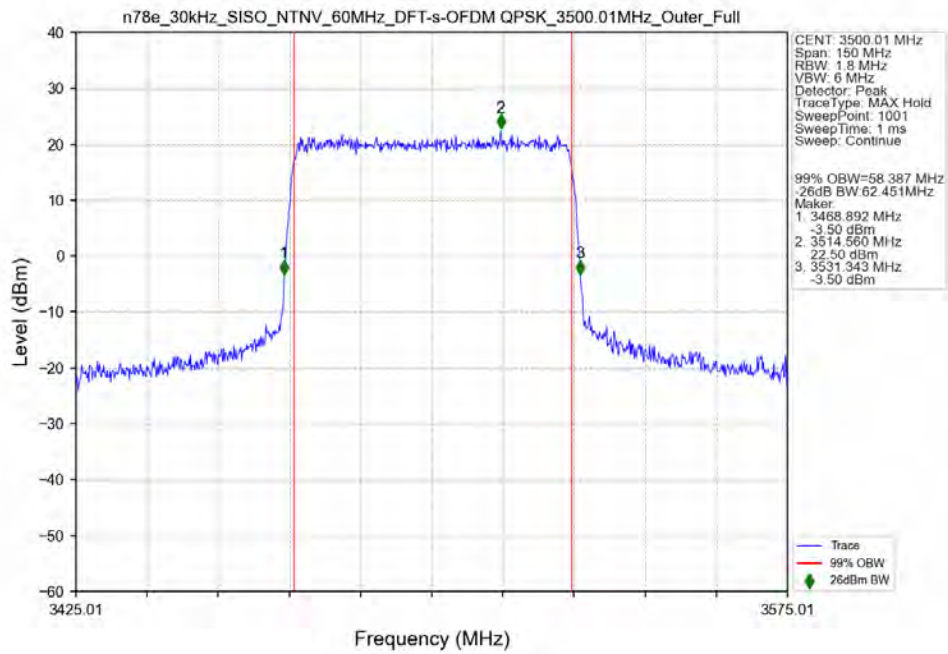
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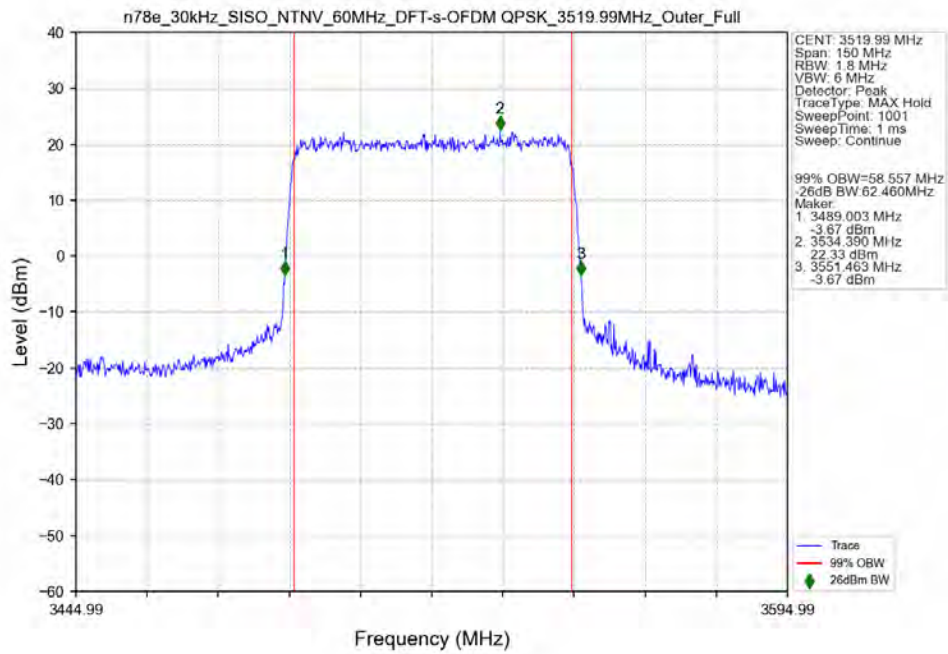
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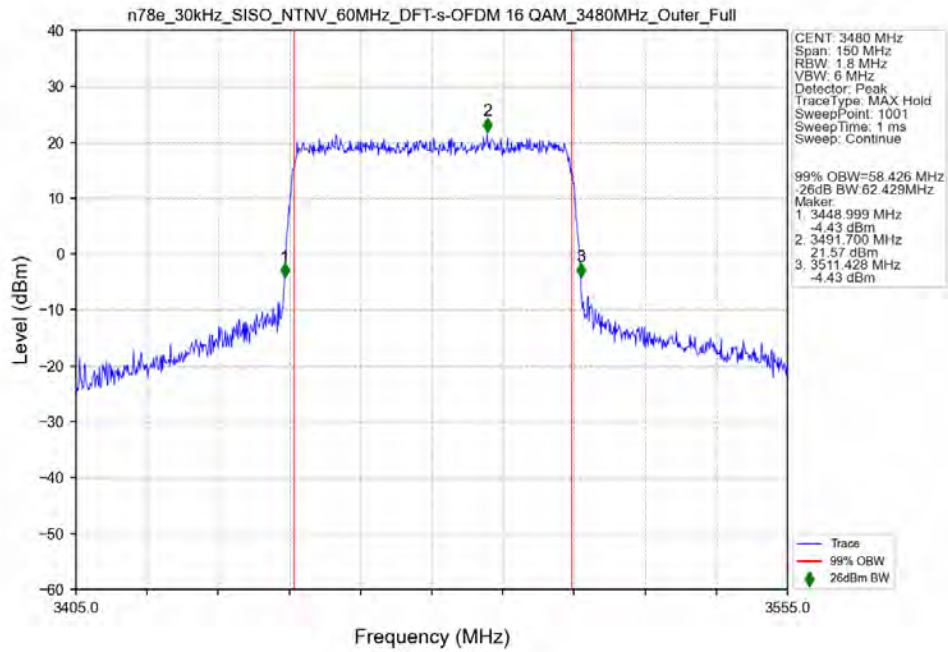
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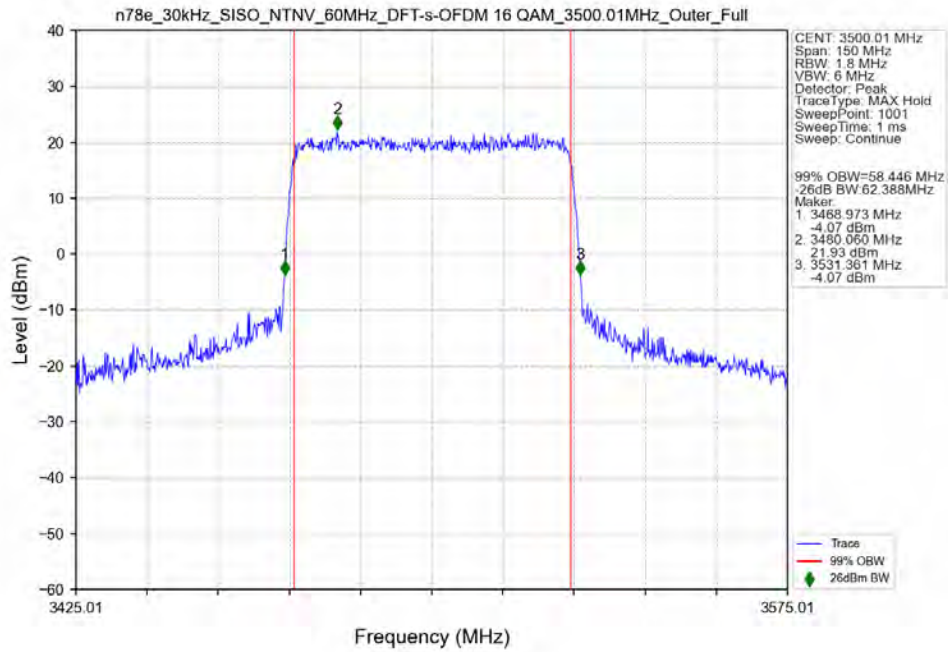
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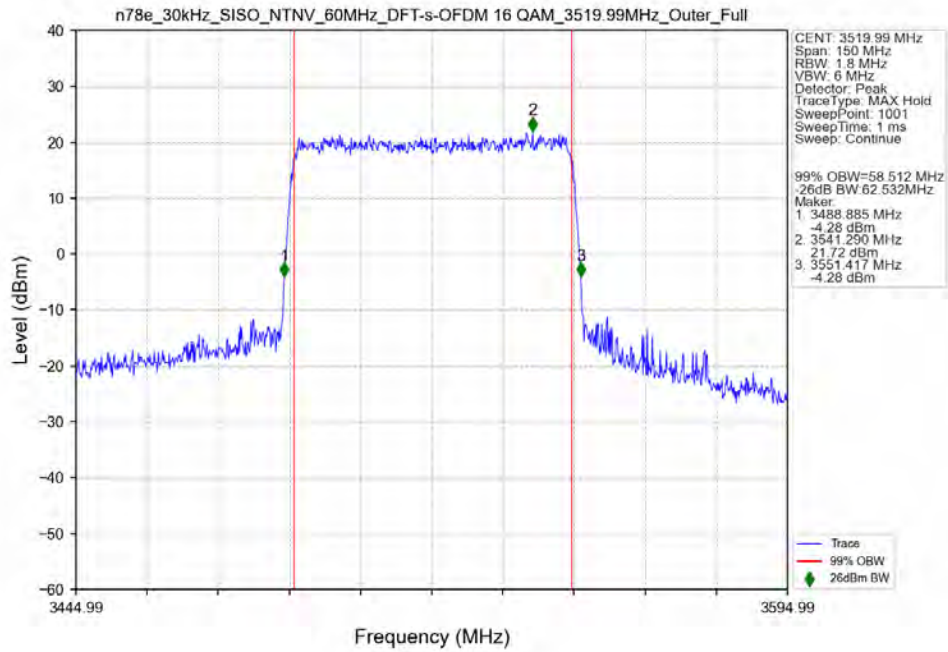
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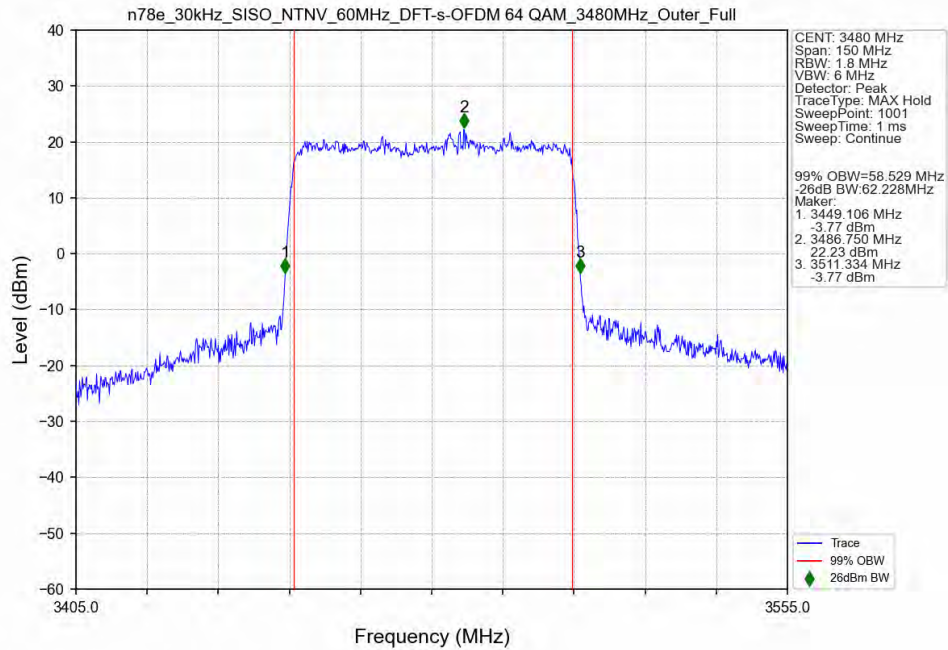
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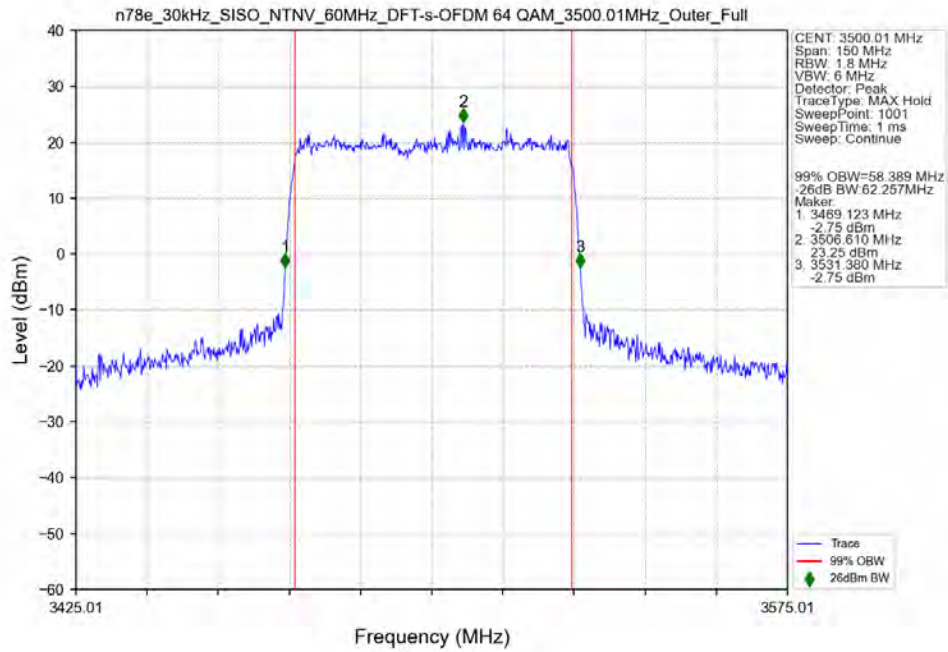
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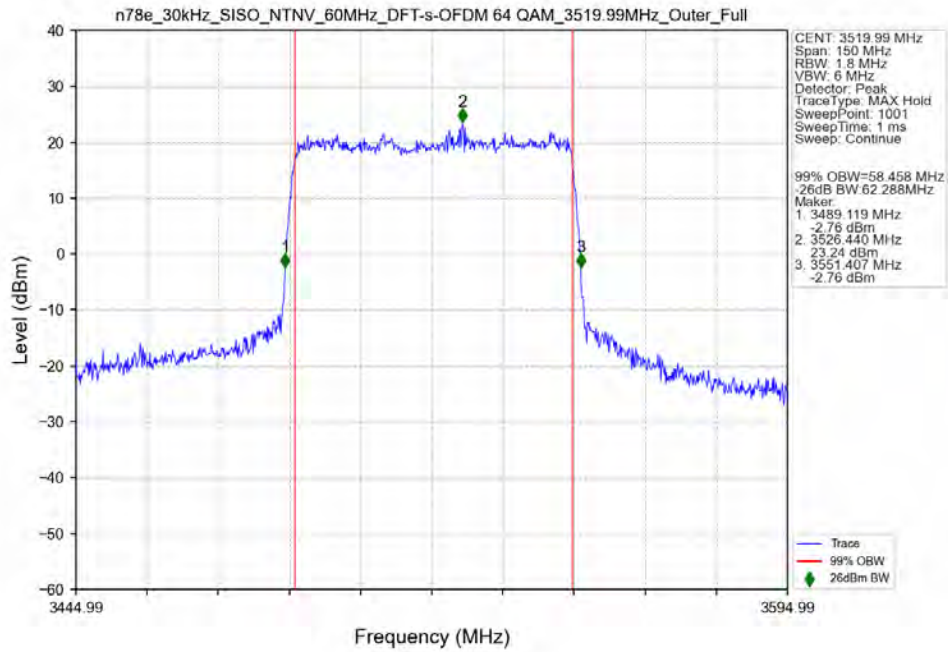
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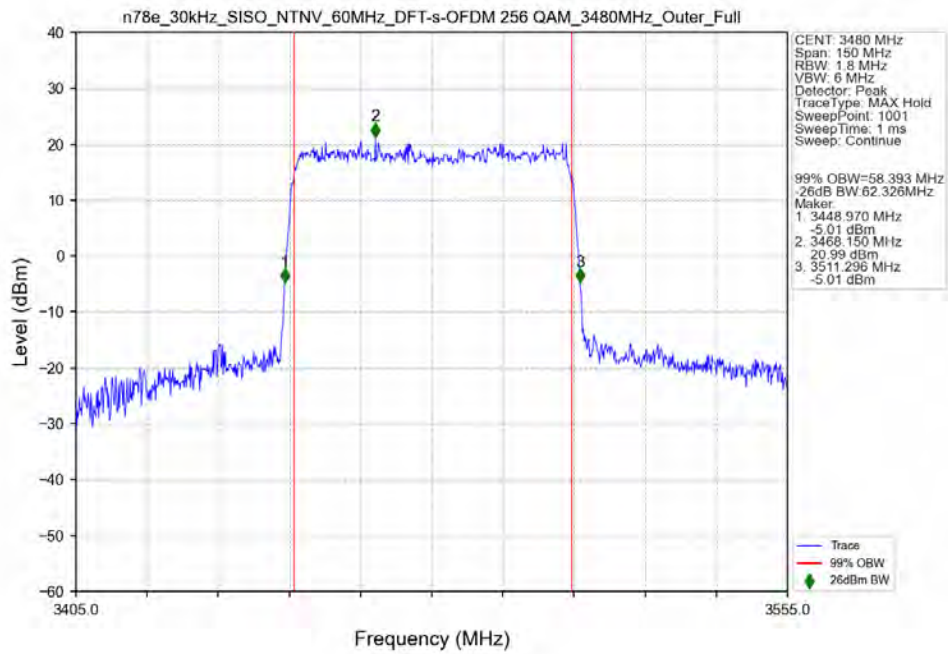
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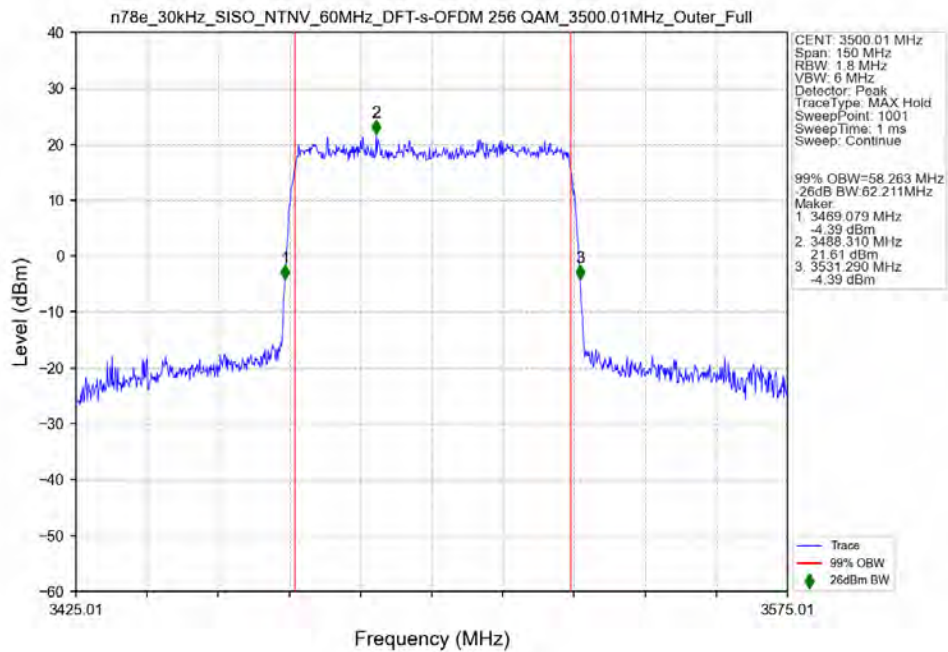
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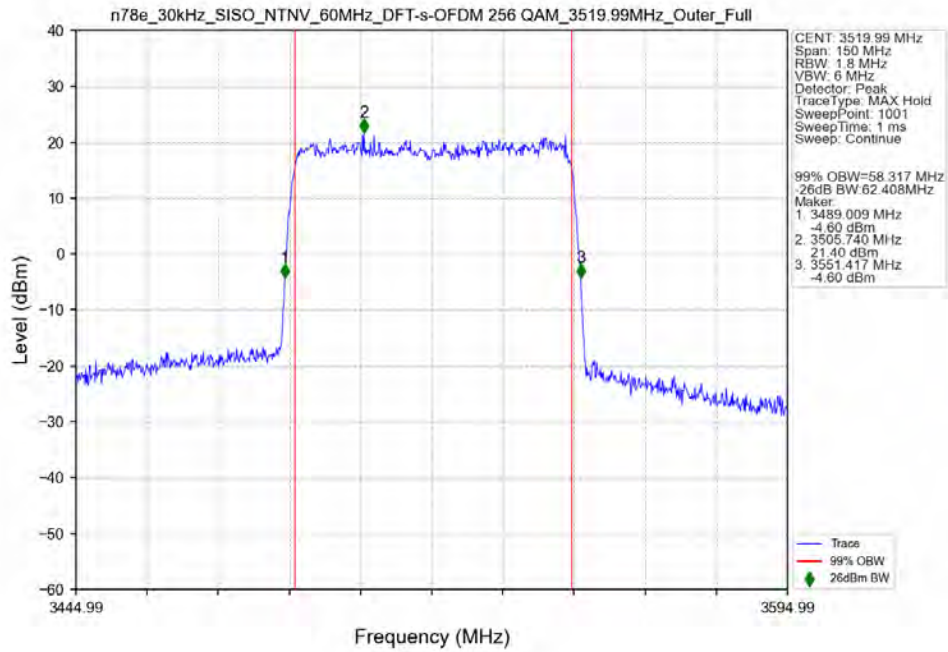
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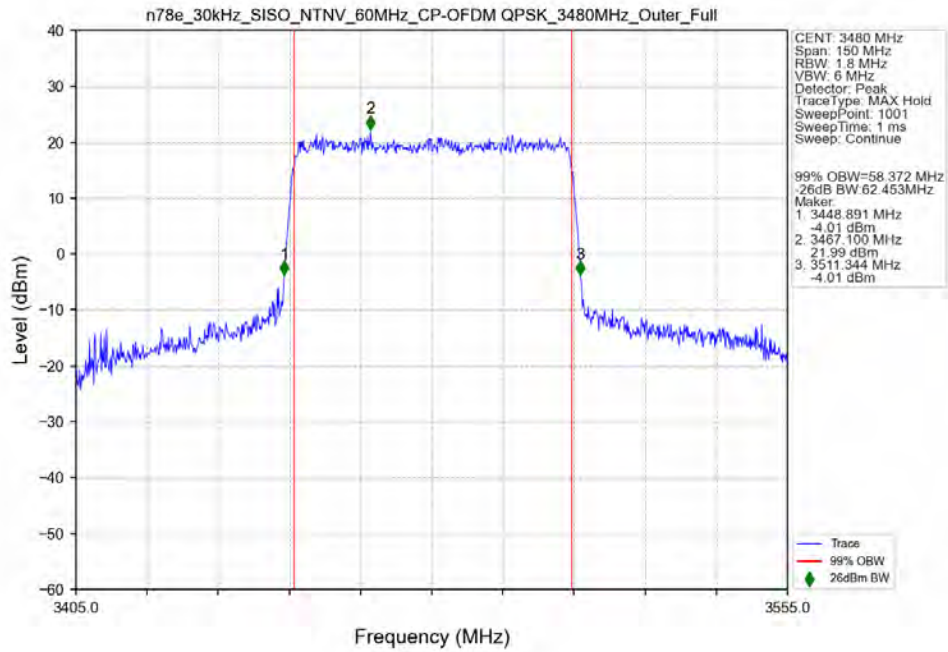
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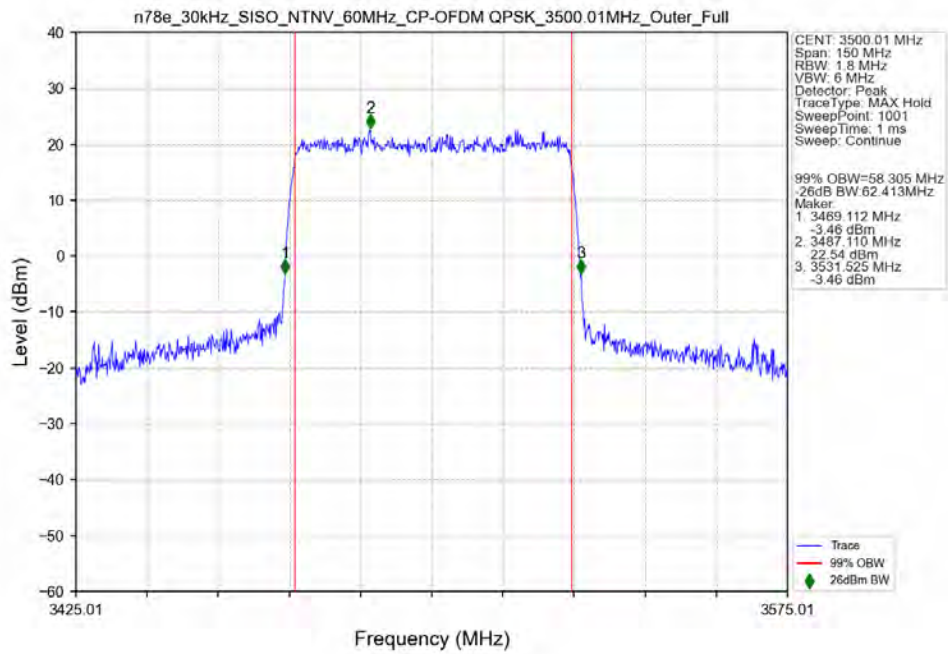
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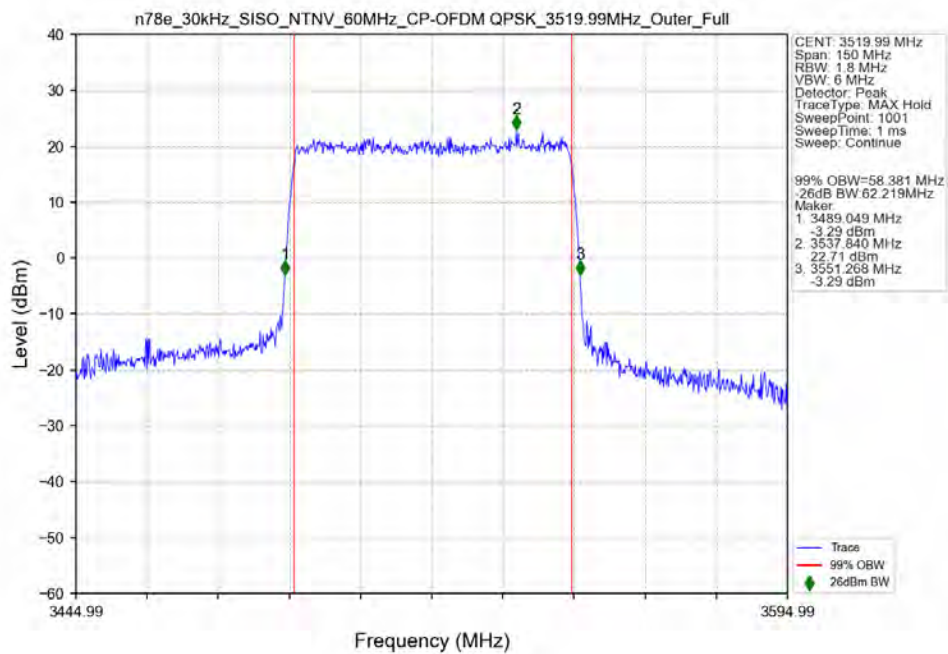
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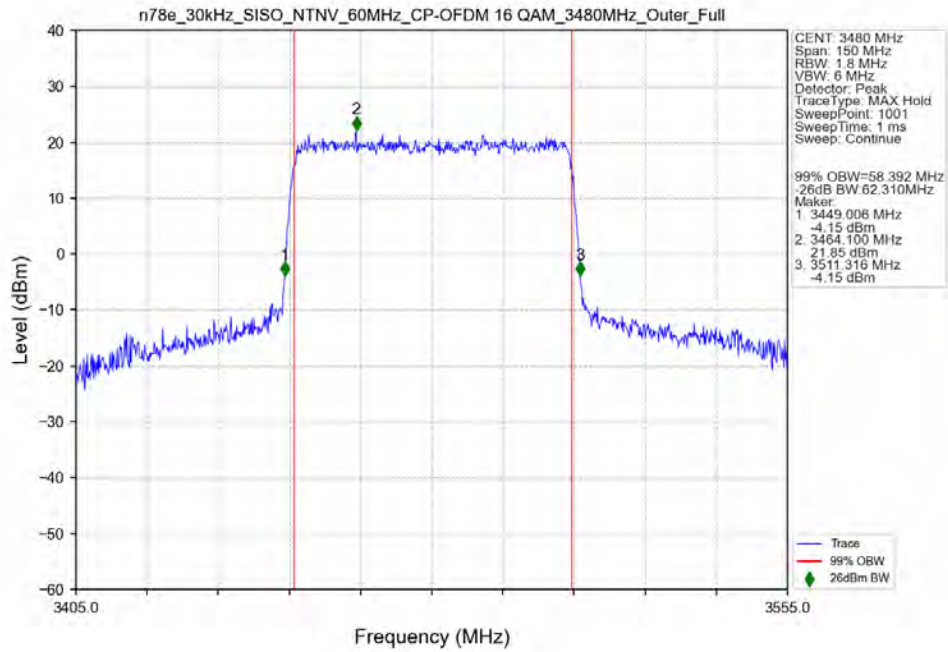
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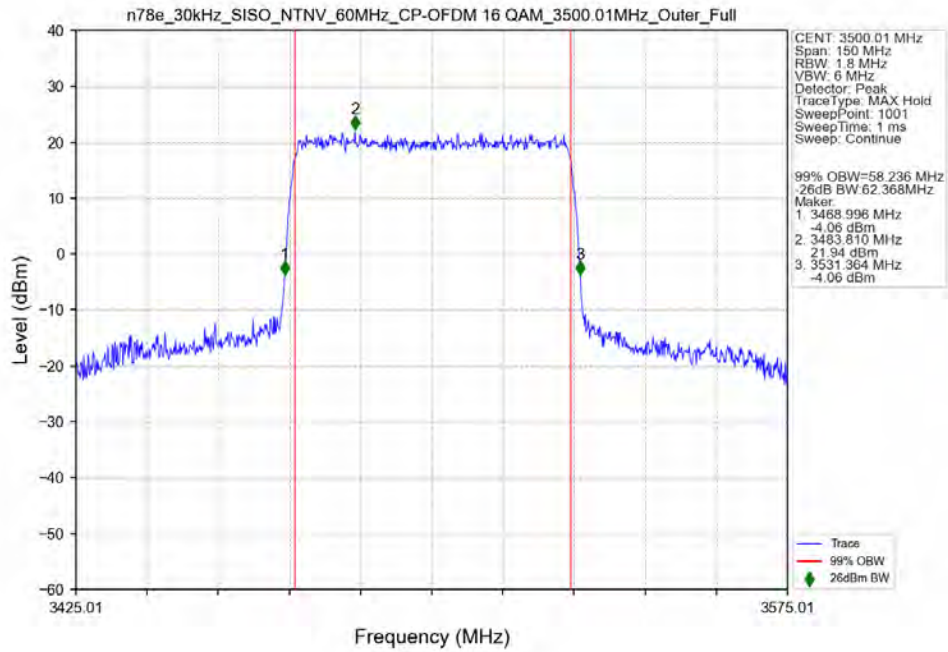
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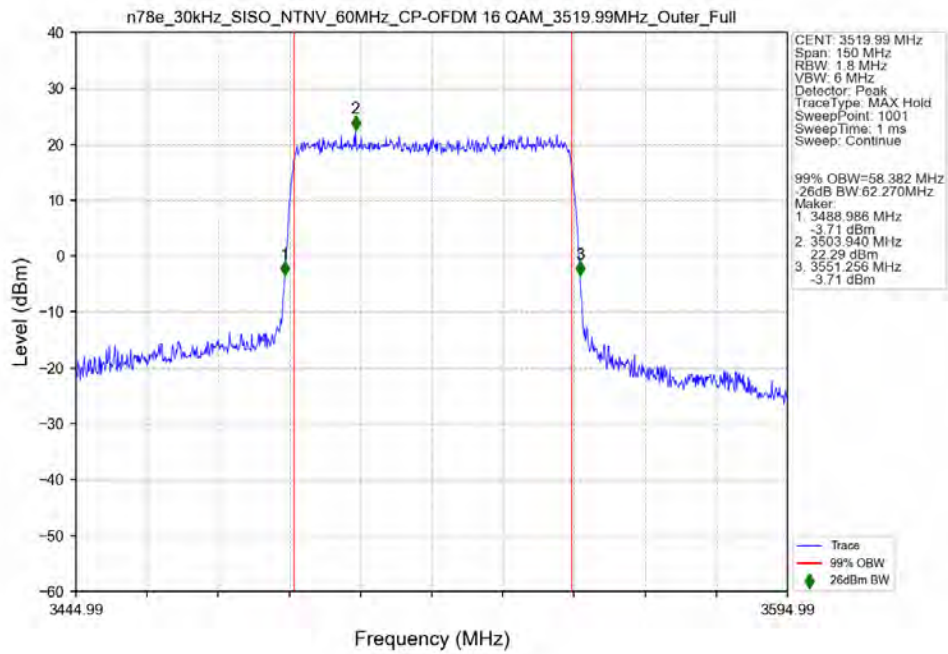
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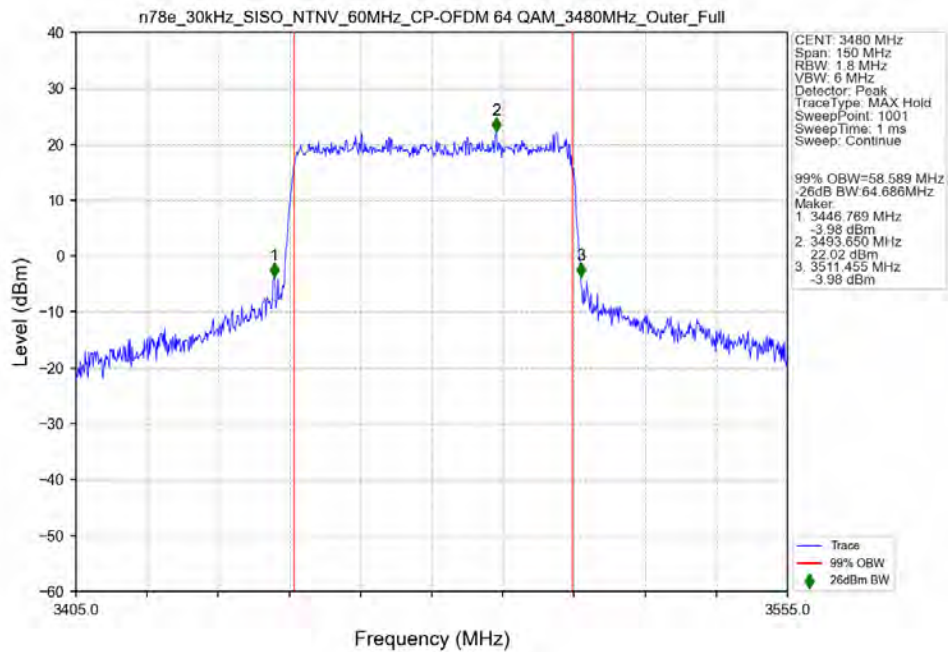
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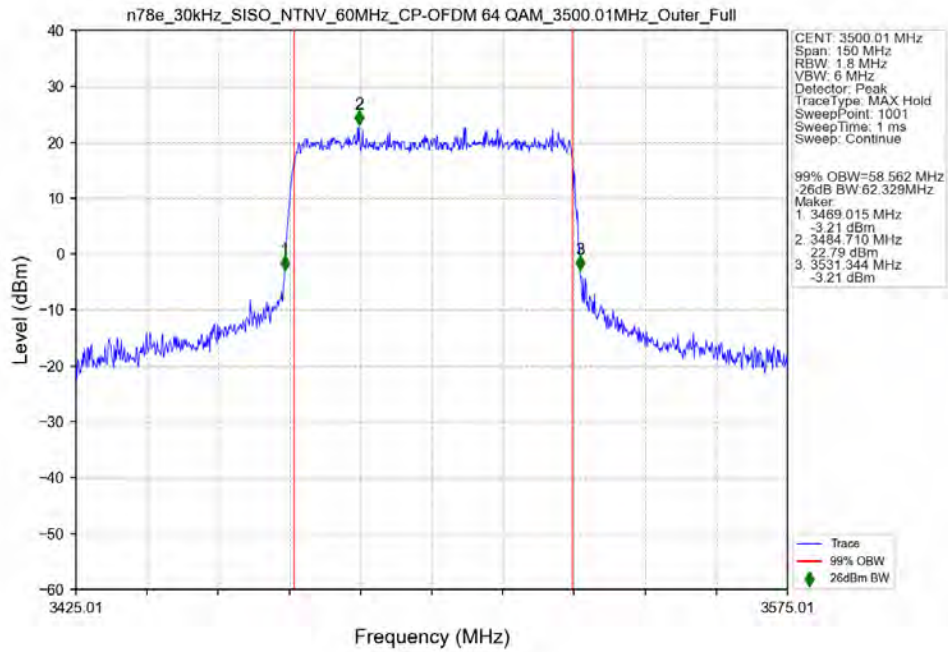
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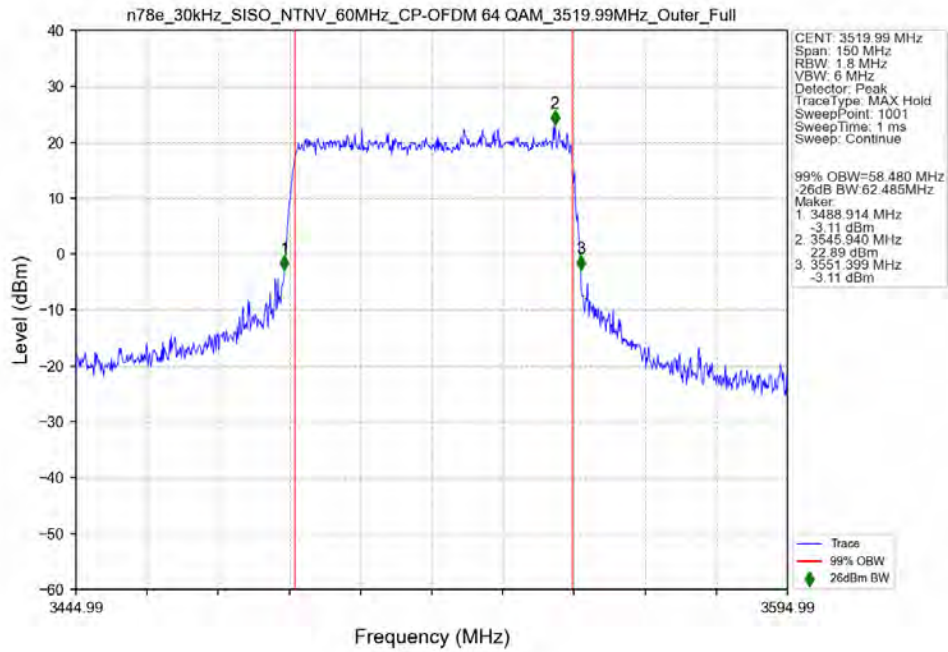
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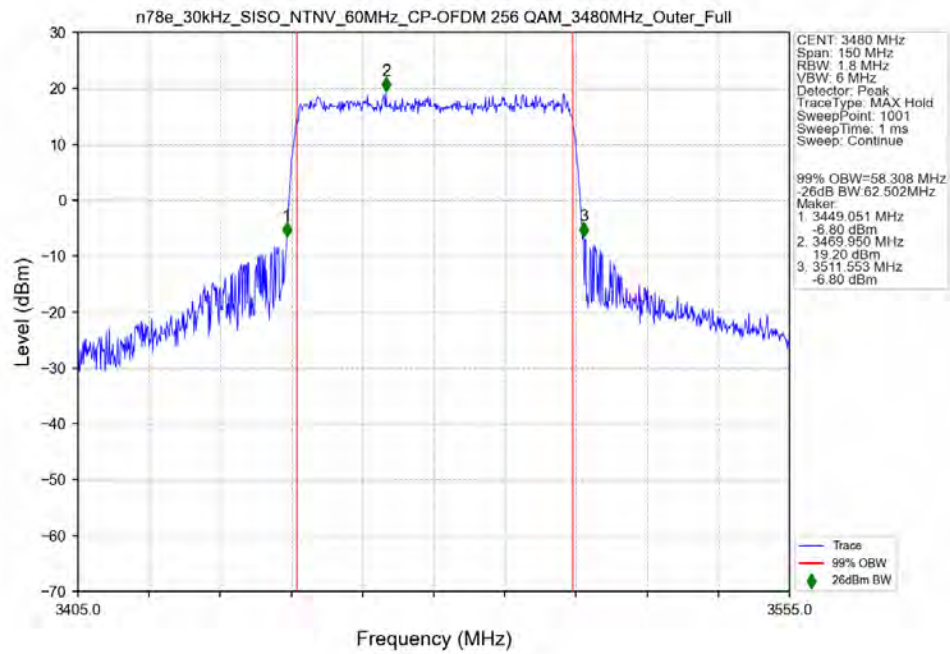
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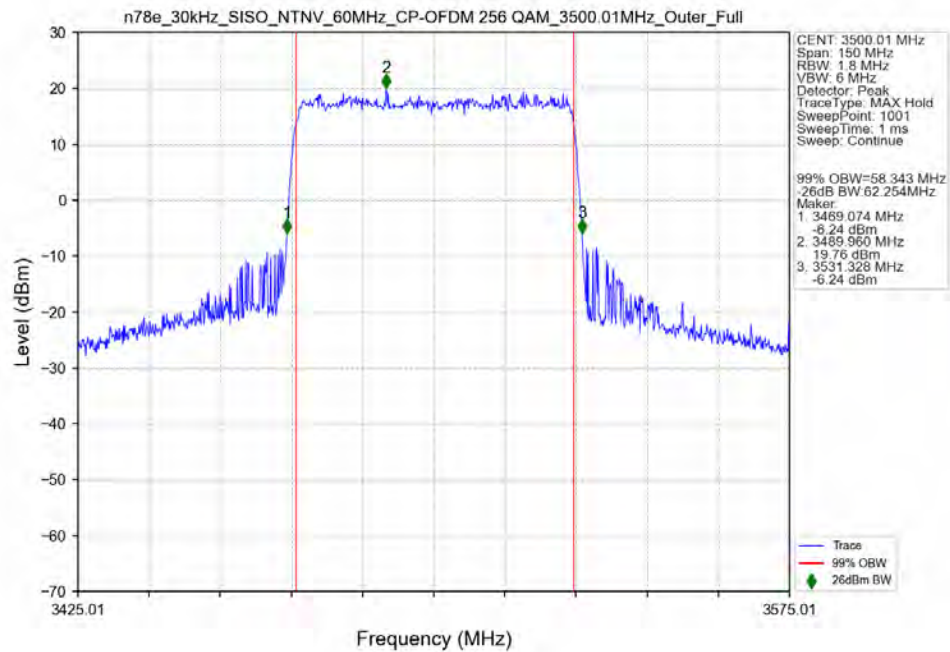
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n78e_30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3480MHz_Outer_Full_Ant13



n78e_30kHz_SISO_NTNV_60MHz_CP-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant13



n78e 30kHz SISO NTN 60MHz CP-OFDM 256 QAM 3519.99MHz Outer Full Ant13

