

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30k_SISO_10MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3455.01	Edge 1RB Left	22.25	/	/	23.65	/	/	<=30	Pass
		Edge 1RB Right	22.21	/	/	23.61	/	/	<=30	Pass
		Outer Full	25.12	/	/	26.52	/	/	<=30	Pass
		Inner Full	25.65	/	/	27.05	/	/	<=30	Pass
		Inner 1RB Left	25.62	/	/	27.02	/	/	<=30	Pass
		Inner 1RB Right	25.59	/	/	26.99	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.41	/	/	23.81	/	/	<=30	Pass
		Edge 1RB Right	22.36	/	/	23.76	/	/	<=30	Pass
		Outer Full	25.32	/	/	26.72	/	/	<=30	Pass
		Inner Full	25.85	/	/	27.25	/	/	<=30	Pass
		Inner 1RB Left	25.77	/	/	27.17	/	/	<=30	Pass
		Inner 1RB Right	25.75	/	/	27.15	/	/	<=30	Pass
	3544.98	Edge 1RB Left	22.56	/	/	23.96	/	/	<=30	Pass
		Edge 1RB Right	22.53	/	/	23.93	/	/	<=30	Pass
		Outer Full	25.50	/	/	26.90	/	/	<=30	Pass
		Inner Full	25.96	/	/	27.36	/	/	<=30	Pass
		Inner 1RB Left	25.91	/	/	27.31	/	/	<=30	Pass
		Inner 1RB Right	25.88	/	/	27.28	/	/	<=30	Pass
DFT-s-OFDM QPSK	3455.01	Edge 1RB Left	22.20	/	/	23.60	/	/	<=30	Pass
		Edge 1RB Right	22.23	/	/	23.63	/	/	<=30	Pass
		Outer Full	24.60	/	/	26.00	/	/	<=30	Pass
		Inner Full	25.66	/	/	27.06	/	/	<=30	Pass
		Inner 1RB Left	25.57	/	/	26.97	/	/	<=30	Pass
		Inner 1RB Right	25.59	/	/	26.99	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.44	/	/	23.84	/	/	<=30	Pass
		Edge 1RB Right	22.34	/	/	23.74	/	/	<=30	Pass
		Outer Full	24.81	/	/	26.21	/	/	<=30	Pass
		Inner Full	25.80	/	/	27.20	/	/	<=30	Pass
		Inner 1RB Left	25.77	/	/	27.17	/	/	<=30	Pass
		Inner 1RB Right	25.71	/	/	27.11	/	/	<=30	Pass
	3544.98	Edge 1RB Left	22.55	/	/	23.95	/	/	<=30	Pass
		Edge 1RB Right	22.55	/	/	23.95	/	/	<=30	Pass
		Outer Full	24.98	/	/	26.38	/	/	<=30	Pass
		Inner Full	25.95	/	/	27.35	/	/	<=30	Pass
		Inner 1RB Left	25.83	/	/	27.23	/	/	<=30	Pass
		Inner 1RB Right	25.84	/	/	27.24	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3455.01	Edge 1RB Left	22.10	/	/	23.50	/	/	<=30	Pass
		Edge 1RB Right	22.02	/	/	23.42	/	/	<=30	Pass
		Outer Full	23.63	/	/	25.03	/	/	<=30	Pass
		Inner Full	24.53	/	/	25.93	/	/	<=30	Pass
		Inner 1RB Left	24.54	/	/	25.94	/	/	<=30	Pass
		Inner 1RB Right	24.47	/	/	25.87	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.34	/	/	23.74	/	/	<=30	Pass
		Edge 1RB Right	22.28	/	/	23.68	/	/	<=30	Pass
		Outer Full	23.77	/	/	25.17	/	/	<=30	Pass
		Inner Full	24.66	/	/	26.06	/	/	<=30	Pass
		Inner 1RB Left	24.70	/	/	26.10	/	/	<=30	Pass
		Inner 1RB Right	24.63	/	/	26.03	/	/	<=30	Pass
	3544.98	Edge 1RB Left	22.48	/	/	23.88	/	/	<=30	Pass

		Edge_1RB_Right	22.44	/	/	23.84	/	/	<=30	Pass
		Outer_Full	24.02	/	/	25.42	/	/	<=30	Pass
		Inner_Full	24.87	/	/	26.27	/	/	<=30	Pass
		Inner_1RB_Left	24.84	/	/	26.24	/	/	<=30	Pass
		Inner_1RB_Right	24.83	/	/	26.23	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3455.01	Edge_1RB_Left	22.02	/	/	23.42	/	/	<=30	Pass
		Edge_1RB_Right	22.03	/	/	23.43	/	/	<=30	Pass
		Outer_Full	23.17	/	/	24.57	/	/	<=30	Pass
		Inner_Full	23.10	/	/	24.50	/	/	<=30	Pass
		Inner_1RB_Left	23.01	/	/	24.41	/	/	<=30	Pass
		Inner_1RB_Right	22.99	/	/	24.39	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.26	/	/	23.66	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	23.55	/	/	<=30	Pass
		Outer_Full	23.32	/	/	24.72	/	/	<=30	Pass
		Inner_Full	23.26	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	23.23	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Right	23.18	/	/	24.58	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	22.34	/	/	23.74	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	23.77	/	/	<=30	Pass
		Outer_Full	23.51	/	/	24.91	/	/	<=30	Pass
		Inner_Full	23.49	/	/	24.89	/	/	<=30	Pass
		Inner_1RB_Left	23.33	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Right	23.38	/	/	24.78	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3455.01	Edge_1RB_Left	21.29	/	/	22.69	/	/	<=30	Pass
		Edge_1RB_Right	21.32	/	/	22.72	/	/	<=30	Pass
		Outer_Full	21.18	/	/	22.58	/	/	<=30	Pass
		Inner_Full	21.09	/	/	22.49	/	/	<=30	Pass
		Inner_1RB_Left	21.29	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Right	21.32	/	/	22.72	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.56	/	/	22.96	/	/	<=30	Pass
		Edge_1RB_Right	21.39	/	/	22.79	/	/	<=30	Pass
		Outer_Full	21.36	/	/	22.76	/	/	<=30	Pass
		Inner_Full	21.23	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Left	21.50	/	/	22.90	/	/	<=30	Pass
		Inner_1RB_Right	21.39	/	/	22.79	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	21.63	/	/	23.03	/	/	<=30	Pass
		Edge_1RB_Right	21.64	/	/	23.04	/	/	<=30	Pass
		Outer_Full	21.54	/	/	22.94	/	/	<=30	Pass
		Inner_Full	21.43	/	/	22.83	/	/	<=30	Pass
		Inner_1RB_Left	21.62	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Right	21.65	/	/	23.05	/	/	<=30	Pass
CP-OFDM QPSK	3455.01	Edge_1RB_Left	22.25	/	/	23.65	/	/	<=30	Pass
		Edge_1RB_Right	22.20	/	/	23.60	/	/	<=30	Pass
		Outer_Full	22.66	/	/	24.06	/	/	<=30	Pass
		Inner_Full	24.05	/	/	25.45	/	/	<=30	Pass
		Inner_1RB_Left	24.26	/	/	25.66	/	/	<=30	Pass
		Inner_1RB_Right	24.25	/	/	25.65	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.43	/	/	23.83	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	23.80	/	/	<=30	Pass
		Outer_Full	22.78	/	/	24.18	/	/	<=30	Pass
		Inner_Full	24.16	/	/	25.56	/	/	<=30	Pass
		Inner_1RB_Left	24.45	/	/	25.85	/	/	<=30	Pass
		Inner_1RB_Right	24.42	/	/	25.82	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	22.58	/	/	23.98	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	24.00	/	/	<=30	Pass
		Outer_Full	22.95	/	/	24.35	/	/	<=30	Pass
		Inner_Full	24.43	/	/	25.83	/	/	<=30	Pass
		Inner_1RB_Left	24.71	/	/	26.11	/	/	<=30	Pass
		Inner_1RB_Right	24.78	/	/	26.18	/	/	<=30	Pass

CP-OFDM 16 QAM	3455.01	Edge_1RB_Left	22.15	/	/	23.55	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	23.61	/	/	<=30	Pass
		Outer_Full	22.61	/	/	24.01	/	/	<=30	Pass
		Inner_Full	23.45	/	/	24.85	/	/	<=30	Pass
		Inner_1RB_Left	23.51	/	/	24.91	/	/	<=30	Pass
		Inner_1RB_Right	23.48	/	/	24.88	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.39	/	/	23.79	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	23.66	/	/	<=30	Pass
		Outer_Full	22.89	/	/	24.29	/	/	<=30	Pass
		Inner_Full	23.62	/	/	25.02	/	/	<=30	Pass
		Inner_1RB_Left	23.70	/	/	25.10	/	/	<=30	Pass
		Inner_1RB_Right	23.64	/	/	25.04	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	22.55	/	/	23.95	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	23.85	/	/	<=30	Pass
		Outer_Full	22.97	/	/	24.37	/	/	<=30	Pass
		Inner_Full	23.77	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Left	23.82	/	/	25.22	/	/	<=30	Pass
		Inner_1RB_Right	23.90	/	/	25.30	/	/	<=30	Pass
CP-OFDM 64 QAM	3455.01	Edge_1RB_Left	22.19	/	/	23.59	/	/	<=30	Pass
		Edge_1RB_Right	22.09	/	/	23.49	/	/	<=30	Pass
		Outer_Full	22.06	/	/	23.46	/	/	<=30	Pass
		Inner_Full	22.08	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Left	22.23	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Right	22.22	/	/	23.62	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.38	/	/	23.78	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	23.76	/	/	<=30	Pass
		Outer_Full	22.25	/	/	23.65	/	/	<=30	Pass
		Inner_Full	22.26	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Left	22.35	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Right	22.33	/	/	23.73	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	22.48	/	/	23.88	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	23.92	/	/	<=30	Pass
		Outer_Full	22.44	/	/	23.84	/	/	<=30	Pass
		Inner_Full	22.48	/	/	23.88	/	/	<=30	Pass
		Inner_1RB_Left	22.52	/	/	23.92	/	/	<=30	Pass
		Inner_1RB_Right	22.50	/	/	23.90	/	/	<=30	Pass
CP-OFDM 256 QAM	3455.01	Edge_1RB_Left	19.25	/	/	20.65	/	/	<=30	Pass
		Edge_1RB_Right	19.30	/	/	20.70	/	/	<=30	Pass
		Outer_Full	19.04	/	/	20.44	/	/	<=30	Pass
		Inner_Full	19.10	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Left	19.30	/	/	20.70	/	/	<=30	Pass
		Inner_1RB_Right	19.26	/	/	20.66	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.48	/	/	20.88	/	/	<=30	Pass
		Edge_1RB_Right	19.34	/	/	20.74	/	/	<=30	Pass
		Outer_Full	19.23	/	/	20.63	/	/	<=30	Pass
		Inner_Full	19.25	/	/	20.65	/	/	<=30	Pass
		Inner_1RB_Left	19.43	/	/	20.83	/	/	<=30	Pass
		Inner_1RB_Right	19.35	/	/	20.75	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	19.55	/	/	20.95	/	/	<=30	Pass
		Edge_1RB_Right	19.58	/	/	20.98	/	/	<=30	Pass
		Outer_Full	19.44	/	/	20.84	/	/	<=30	Pass
		Inner_Full	19.46	/	/	20.86	/	/	<=30	Pass
		Inner_1RB_Left	19.65	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Right	19.60	/	/	21.00	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30k_SISO_15MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 15MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3457.5	Edge 1RB Left	22.35	/	/	23.75	/	/	<=30	Pass
		Edge 1RB Right	22.27	/	/	23.67	/	/	<=30	Pass
		Outer Full	25.24	/	/	26.64	/	/	<=30	Pass
		Inner Full	25.72	/	/	27.12	/	/	<=30	Pass
		Inner 1RB Left	25.69	/	/	27.09	/	/	<=30	Pass
		Inner 1RB Right	25.70	/	/	27.10	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.48	/	/	23.88	/	/	<=30	Pass
		Edge 1RB Right	22.33	/	/	23.73	/	/	<=30	Pass
		Outer Full	25.37	/	/	26.77	/	/	<=30	Pass
		Inner Full	25.86	/	/	27.26	/	/	<=30	Pass
		Inner 1RB Left	25.82	/	/	27.22	/	/	<=30	Pass
		Inner 1RB Right	25.71	/	/	27.11	/	/	<=30	Pass
	3542.49	Edge 1RB Left	22.54	/	/	23.94	/	/	<=30	Pass
		Edge 1RB Right	22.52	/	/	23.92	/	/	<=30	Pass
		Outer Full	25.44	/	/	26.84	/	/	<=30	Pass
		Inner Full	25.92	/	/	27.32	/	/	<=30	Pass
		Inner 1RB Left	25.88	/	/	27.28	/	/	<=30	Pass
		Inner 1RB Right	25.84	/	/	27.24	/	/	<=30	Pass
DFT-s-OFDM QPSK	3457.5	Edge 1RB Left	22.32	/	/	23.72	/	/	<=30	Pass
		Edge 1RB Right	22.28	/	/	23.68	/	/	<=30	Pass
		Outer Full	24.73	/	/	26.13	/	/	<=30	Pass
		Inner Full	25.69	/	/	27.09	/	/	<=30	Pass
		Inner 1RB Left	25.70	/	/	27.10	/	/	<=30	Pass
		Inner 1RB Right	25.72	/	/	27.12	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.52	/	/	23.92	/	/	<=30	Pass
		Edge 1RB Right	22.27	/	/	23.67	/	/	<=30	Pass
		Outer Full	24.87	/	/	26.27	/	/	<=30	Pass
		Inner Full	25.77	/	/	27.17	/	/	<=30	Pass
		Inner 1RB Left	25.91	/	/	27.31	/	/	<=30	Pass
		Inner 1RB Right	25.72	/	/	27.12	/	/	<=30	Pass
	3542.49	Edge 1RB Left	22.56	/	/	23.96	/	/	<=30	Pass
		Edge 1RB Right	22.52	/	/	23.92	/	/	<=30	Pass
		Outer Full	24.98	/	/	26.38	/	/	<=30	Pass
		Inner Full	25.90	/	/	27.30	/	/	<=30	Pass
		Inner 1RB Left	25.94	/	/	27.34	/	/	<=30	Pass
		Inner 1RB Right	25.95	/	/	27.35	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3457.5	Edge 1RB Left	22.21	/	/	23.61	/	/	<=30	Pass
		Edge 1RB Right	22.25	/	/	23.65	/	/	<=30	Pass
		Outer Full	23.67	/	/	25.07	/	/	<=30	Pass
		Inner Full	24.69	/	/	26.09	/	/	<=30	Pass
		Inner 1RB Left	24.57	/	/	25.97	/	/	<=30	Pass
		Inner 1RB Right	24.53	/	/	25.93	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.44	/	/	23.84	/	/	<=30	Pass
		Edge 1RB Right	22.25	/	/	23.65	/	/	<=30	Pass
		Outer Full	23.86	/	/	25.26	/	/	<=30	Pass
		Inner Full	24.85	/	/	26.25	/	/	<=30	Pass
		Inner 1RB Left	24.74	/	/	26.14	/	/	<=30	Pass
		Inner 1RB Right	24.59	/	/	25.99	/	/	<=30	Pass
	3542.49	Edge 1RB Left	22.52	/	/	23.92	/	/	<=30	Pass
		Edge 1RB Right	22.48	/	/	23.88	/	/	<=30	Pass
		Outer Full	23.91	/	/	25.31	/	/	<=30	Pass
		Inner Full	24.96	/	/	26.36	/	/	<=30	Pass
		Inner 1RB Left	24.78	/	/	26.18	/	/	<=30	Pass
		Inner 1RB Right	24.77	/	/	26.17	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3457.5	Edge 1RB Left	22.15	/	/	23.55	/	/	<=30	Pass
		Edge 1RB Right	22.11	/	/	23.51	/	/	<=30	Pass

		Outer_Full	23.21	/	/	24.61	/	/	<=30	Pass
		Inner_Full	23.18	/	/	24.58	/	/	<=30	Pass
		Inner_1RB_Left	23.11	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Right	23.15	/	/	24.55	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.31	/	/	23.71	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	23.59	/	/	<=30	Pass
		Outer_Full	23.39	/	/	24.79	/	/	<=30	Pass
		Inner_Full	23.34	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Left	23.31	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Right	23.15	/	/	24.55	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	22.35	/	/	23.75	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	23.77	/	/	<=30	Pass
		Outer_Full	23.48	/	/	24.88	/	/	<=30	Pass
		Inner_Full	23.49	/	/	24.89	/	/	<=30	Pass
		Inner_1RB_Left	23.37	/	/	24.77	/	/	<=30	Pass
		Inner_1RB_Right	23.36	/	/	24.76	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3457.5	Edge_1RB_Left	21.31	/	/	22.71	/	/	<=30	Pass
		Edge_1RB_Right	21.36	/	/	22.76	/	/	<=30	Pass
		Outer_Full	21.27	/	/	22.67	/	/	<=30	Pass
		Inner_Full	21.35	/	/	22.75	/	/	<=30	Pass
		Inner_1RB_Left	21.35	/	/	22.75	/	/	<=30	Pass
		Inner_1RB_Right	21.37	/	/	22.77	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.56	/	/	22.96	/	/	<=30	Pass
		Edge_1RB_Right	21.42	/	/	22.82	/	/	<=30	Pass
		Outer_Full	21.39	/	/	22.79	/	/	<=30	Pass
		Inner_Full	21.45	/	/	22.85	/	/	<=30	Pass
		Inner_1RB_Left	21.56	/	/	22.96	/	/	<=30	Pass
		Inner_1RB_Right	21.36	/	/	22.76	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	21.61	/	/	23.01	/	/	<=30	Pass
		Edge_1RB_Right	21.53	/	/	22.93	/	/	<=30	Pass
		Outer_Full	21.55	/	/	22.95	/	/	<=30	Pass
		Inner_Full	21.55	/	/	22.95	/	/	<=30	Pass
		Inner_1RB_Left	21.56	/	/	22.96	/	/	<=30	Pass
		Inner_1RB_Right	21.60	/	/	23.00	/	/	<=30	Pass
CP-OFDM QPSK	3457.5	Edge_1RB_Left	22.39	/	/	23.79	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	23.75	/	/	<=30	Pass
		Outer_Full	22.74	/	/	24.14	/	/	<=30	Pass
		Inner_Full	24.18	/	/	25.58	/	/	<=30	Pass
		Inner_1RB_Left	24.22	/	/	25.62	/	/	<=30	Pass
		Inner_1RB_Right	24.25	/	/	25.65	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.49	/	/	23.89	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	23.84	/	/	<=30	Pass
		Outer_Full	22.86	/	/	24.26	/	/	<=30	Pass
		Inner_Full	24.35	/	/	25.75	/	/	<=30	Pass
		Inner_1RB_Left	24.34	/	/	25.74	/	/	<=30	Pass
		Inner_1RB_Right	24.29	/	/	25.69	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	22.58	/	/	23.98	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	23.93	/	/	<=30	Pass
		Outer_Full	22.97	/	/	24.37	/	/	<=30	Pass
		Inner_Full	24.41	/	/	25.81	/	/	<=30	Pass
		Inner_1RB_Left	24.39	/	/	25.79	/	/	<=30	Pass
		Inner_1RB_Right	24.38	/	/	25.78	/	/	<=30	Pass
CP-OFDM 16 QAM	3457.5	Edge_1RB_Left	22.21	/	/	23.61	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	23.57	/	/	<=30	Pass
		Outer_Full	22.69	/	/	24.09	/	/	<=30	Pass
		Inner_Full	23.63	/	/	25.03	/	/	<=30	Pass
		Inner_1RB_Left	23.58	/	/	24.98	/	/	<=30	Pass
		Inner_1RB_Right	23.59	/	/	24.99	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.37	/	/	23.77	/	/	<=30	Pass

		Edge_1RB_Right	22.25	/	/	23.65	/	/	<=30	Pass
		Outer_Full	22.82	/	/	24.22	/	/	<=30	Pass
		Inner_Full	23.77	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Left	23.78	/	/	25.18	/	/	<=30	Pass
		Inner_1RB_Right	23.70	/	/	25.10	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	22.42	/	/	23.82	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	23.79	/	/	<=30	Pass
		Outer_Full	22.93	/	/	24.33	/	/	<=30	Pass
		Inner_Full	23.89	/	/	25.29	/	/	<=30	Pass
		Inner_1RB_Left	23.79	/	/	25.19	/	/	<=30	Pass
	Inner_1RB_Right	23.89	/	/	25.29	/	/	<=30	Pass	
CP-OFDM 64 QAM	3457.5	Edge_1RB_Left	22.24	/	/	23.64	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	23.61	/	/	<=30	Pass
		Outer_Full	22.24	/	/	23.64	/	/	<=30	Pass
		Inner_Full	22.27	/	/	23.67	/	/	<=30	Pass
		Inner_1RB_Left	22.21	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Right	22.21	/	/	23.61	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.35	/	/	23.75	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	23.63	/	/	<=30	Pass
		Outer_Full	22.40	/	/	23.80	/	/	<=30	Pass
		Inner_Full	22.41	/	/	23.81	/	/	<=30	Pass
		Inner_1RB_Left	22.30	/	/	23.70	/	/	<=30	Pass
		Inner_1RB_Right	22.28	/	/	23.68	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	22.37	/	/	23.77	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	23.79	/	/	<=30	Pass
		Outer_Full	22.53	/	/	23.93	/	/	<=30	Pass
		Inner_Full	22.54	/	/	23.94	/	/	<=30	Pass
		Inner_1RB_Left	22.37	/	/	23.77	/	/	<=30	Pass
		Inner_1RB_Right	22.40	/	/	23.80	/	/	<=30	Pass
CP-OFDM 256 QAM	3457.5	Edge_1RB_Left	19.28	/	/	20.68	/	/	<=30	Pass
		Edge_1RB_Right	19.34	/	/	20.74	/	/	<=30	Pass
		Outer_Full	19.17	/	/	20.57	/	/	<=30	Pass
		Inner_Full	19.35	/	/	20.75	/	/	<=30	Pass
		Inner_1RB_Left	19.37	/	/	20.77	/	/	<=30	Pass
		Inner_1RB_Right	19.35	/	/	20.75	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.53	/	/	20.93	/	/	<=30	Pass
		Edge_1RB_Right	19.27	/	/	20.67	/	/	<=30	Pass
		Outer_Full	19.39	/	/	20.79	/	/	<=30	Pass
		Inner_Full	19.32	/	/	20.72	/	/	<=30	Pass
		Inner_1RB_Left	19.49	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Right	19.38	/	/	20.78	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	19.54	/	/	20.94	/	/	<=30	Pass
		Edge_1RB_Right	19.58	/	/	20.98	/	/	<=30	Pass
		Outer_Full	19.45	/	/	20.85	/	/	<=30	Pass
Inner_Full		19.48	/	/	20.88	/	/	<=30	Pass	
Inner_1RB_Left		19.52	/	/	20.92	/	/	<=30	Pass	
	Inner_1RB_Right	19.58	/	/	20.98	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: 1.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30k_SISO_20MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3460.02	Edge_1RB_Left	22.41	/	/	23.81	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	23.83	/	/	<=30	Pass
		Outer_Full	25.33	/	/	26.73	/	/	<=30	Pass

		Inner_Full	25.80	/	/	27.20	/	/	<=30	Pass
		Inner_1RB_Left	25.74	/	/	27.14	/	/	<=30	Pass
		Inner_1RB_Right	25.76	/	/	27.16	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.52	/	/	23.92	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	23.73	/	/	<=30	Pass
		Outer_Full	25.37	/	/	26.77	/	/	<=30	Pass
		Inner_Full	25.85	/	/	27.25	/	/	<=30	Pass
		Inner_1RB_Left	25.86	/	/	27.26	/	/	<=30	Pass
		Inner_1RB_Right	25.73	/	/	27.13	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.44	/	/	23.84	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	23.91	/	/	<=30	Pass
		Outer_Full	25.38	/	/	26.78	/	/	<=30	Pass
		Inner_Full	25.91	/	/	27.31	/	/	<=30	Pass
		Inner_1RB_Left	25.78	/	/	27.18	/	/	<=30	Pass
		Inner_1RB_Right	25.83	/	/	27.23	/	/	<=30	Pass
DFT-s-OFDM QPSK	3460.02	Edge_1RB_Left	22.41	/	/	23.81	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	23.81	/	/	<=30	Pass
		Outer_Full	24.83	/	/	26.23	/	/	<=30	Pass
		Inner_Full	25.75	/	/	27.15	/	/	<=30	Pass
		Inner_1RB_Left	25.80	/	/	27.20	/	/	<=30	Pass
		Inner_1RB_Right	25.76	/	/	27.16	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.49	/	/	23.89	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	23.72	/	/	<=30	Pass
		Outer_Full	24.84	/	/	26.24	/	/	<=30	Pass
		Inner_Full	25.83	/	/	27.23	/	/	<=30	Pass
		Inner_1RB_Left	25.86	/	/	27.26	/	/	<=30	Pass
		Inner_1RB_Right	25.71	/	/	27.11	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.43	/	/	23.83	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	23.91	/	/	<=30	Pass
		Outer_Full	24.90	/	/	26.30	/	/	<=30	Pass
		Inner_Full	25.88	/	/	27.28	/	/	<=30	Pass
		Inner_1RB_Left	25.77	/	/	27.17	/	/	<=30	Pass
		Inner_1RB_Right	25.80	/	/	27.20	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3460.02	Edge_1RB_Left	22.27	/	/	23.67	/	/	<=30	Pass
		Edge_1RB_Right	22.29	/	/	23.69	/	/	<=30	Pass
		Outer_Full	23.84	/	/	25.24	/	/	<=30	Pass
		Inner_Full	24.85	/	/	26.25	/	/	<=30	Pass
		Inner_1RB_Left	24.63	/	/	26.03	/	/	<=30	Pass
		Inner_1RB_Right	24.63	/	/	26.03	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.38	/	/	23.78	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	23.61	/	/	<=30	Pass
		Outer_Full	23.92	/	/	25.32	/	/	<=30	Pass
		Inner_Full	24.90	/	/	26.30	/	/	<=30	Pass
		Inner_1RB_Left	24.74	/	/	26.14	/	/	<=30	Pass
		Inner_1RB_Right	24.63	/	/	26.03	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.29	/	/	23.69	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	23.85	/	/	<=30	Pass
		Outer_Full	23.96	/	/	25.36	/	/	<=30	Pass
		Inner_Full	24.94	/	/	26.34	/	/	<=30	Pass
		Inner_1RB_Left	24.76	/	/	26.16	/	/	<=30	Pass
		Inner_1RB_Right	24.74	/	/	26.14	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3460.02	Edge_1RB_Left	22.23	/	/	23.63	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	23.63	/	/	<=30	Pass
		Outer_Full	23.31	/	/	24.71	/	/	<=30	Pass
		Inner_Full	23.27	/	/	24.67	/	/	<=30	Pass
		Inner_1RB_Left	23.22	/	/	24.62	/	/	<=30	Pass
		Inner_1RB_Right	23.20	/	/	24.60	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.33	/	/	23.73	/	/	<=30	Pass
		Edge_1RB_Right	22.20	/	/	23.60	/	/	<=30	Pass

		Outer_Full	23.37	/	/	24.77	/	/	<=30	Pass
		Inner_Full	23.40	/	/	24.80	/	/	<=30	Pass
		Inner_1RB_Left	23.33	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Right	23.19	/	/	24.59	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.22	/	/	23.62	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	23.68	/	/	<=30	Pass
		Outer_Full	23.40	/	/	24.80	/	/	<=30	Pass
		Inner_Full	23.46	/	/	24.86	/	/	<=30	Pass
		Inner_1RB_Left	23.24	/	/	24.64	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	24.72	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3460.02	Edge_1RB_Left	21.44	/	/	22.84	/	/	<=30	Pass
		Edge_1RB_Right	21.45	/	/	22.85	/	/	<=30	Pass
		Outer_Full	21.39	/	/	22.79	/	/	<=30	Pass
		Inner_Full	21.31	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Left	21.41	/	/	22.81	/	/	<=30	Pass
		Inner_1RB_Right	21.43	/	/	22.83	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.52	/	/	22.92	/	/	<=30	Pass
		Edge_1RB_Right	21.41	/	/	22.81	/	/	<=30	Pass
		Outer_Full	21.41	/	/	22.81	/	/	<=30	Pass
		Inner_Full	21.34	/	/	22.74	/	/	<=30	Pass
		Inner_1RB_Left	21.51	/	/	22.91	/	/	<=30	Pass
		Inner_1RB_Right	21.45	/	/	22.85	/	/	<=30	Pass
	3540	Edge_1RB_Left	21.41	/	/	22.81	/	/	<=30	Pass
		Edge_1RB_Right	21.45	/	/	22.85	/	/	<=30	Pass
		Outer_Full	21.49	/	/	22.89	/	/	<=30	Pass
		Inner_Full	21.45	/	/	22.85	/	/	<=30	Pass
		Inner_1RB_Left	21.44	/	/	22.84	/	/	<=30	Pass
		Inner_1RB_Right	21.48	/	/	22.88	/	/	<=30	Pass
CP-OFDM QPSK	3460.02	Edge_1RB_Left	22.38	/	/	23.78	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	23.79	/	/	<=30	Pass
		Outer_Full	22.81	/	/	24.21	/	/	<=30	Pass
		Inner_Full	24.27	/	/	25.67	/	/	<=30	Pass
		Inner_1RB_Left	24.38	/	/	25.78	/	/	<=30	Pass
		Inner_1RB_Right	24.43	/	/	25.83	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.51	/	/	23.91	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	23.75	/	/	<=30	Pass
		Outer_Full	22.87	/	/	24.27	/	/	<=30	Pass
		Inner_Full	24.33	/	/	25.73	/	/	<=30	Pass
		Inner_1RB_Left	24.56	/	/	25.96	/	/	<=30	Pass
		Inner_1RB_Right	24.39	/	/	25.79	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.37	/	/	23.77	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	23.88	/	/	<=30	Pass
		Outer_Full	22.91	/	/	24.31	/	/	<=30	Pass
		Inner_Full	24.46	/	/	25.86	/	/	<=30	Pass
		Inner_1RB_Left	24.30	/	/	25.70	/	/	<=30	Pass
		Inner_1RB_Right	24.34	/	/	25.74	/	/	<=30	Pass
CP-OFDM 16 QAM	3460.02	Edge_1RB_Left	22.30	/	/	23.70	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	23.66	/	/	<=30	Pass
		Outer_Full	22.82	/	/	24.22	/	/	<=30	Pass
		Inner_Full	23.76	/	/	25.16	/	/	<=30	Pass
		Inner_1RB_Left	23.65	/	/	25.05	/	/	<=30	Pass
		Inner_1RB_Right	23.65	/	/	25.05	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.38	/	/	23.78	/	/	<=30	Pass
		Edge_1RB_Right	22.31	/	/	23.71	/	/	<=30	Pass
		Outer_Full	22.84	/	/	24.24	/	/	<=30	Pass
		Inner_Full	23.83	/	/	25.23	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Right	23.61	/	/	25.01	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.37	/	/	23.77	/	/	<=30	Pass

		Edge_1RB_Right	22.36	/	/	23.76	/	/	<=30	Pass	
		Outer_Full	22.91	/	/	24.31	/	/	<=30	Pass	
		Inner_Full	23.90	/	/	25.30	/	/	<=30	Pass	
		Inner_1RB_Left	23.68	/	/	25.08	/	/	<=30	Pass	
		Inner_1RB_Right	23.84	/	/	25.24	/	/	<=30	Pass	
CP-OFDM 64 QAM	3460.02	Edge_1RB_Left	22.27	/	/	23.67	/	/	<=30	Pass	
		Edge_1RB_Right	22.28	/	/	23.68	/	/	<=30	Pass	
		Outer_Full	22.32	/	/	23.72	/	/	<=30	Pass	
		Inner_Full	22.33	/	/	23.73	/	/	<=30	Pass	
		Inner_1RB_Left	22.23	/	/	23.63	/	/	<=30	Pass	
		Inner_1RB_Right	22.23	/	/	23.63	/	/	<=30	Pass	
		Edge_1RB_Left	22.34	/	/	23.74	/	/	<=30	Pass	
		Edge_1RB_Right	22.18	/	/	23.58	/	/	<=30	Pass	
	3500.01	Outer_Full	22.41	/	/	23.81	/	/	<=30	Pass	
		Inner_Full	22.39	/	/	23.79	/	/	<=30	Pass	
		Inner_1RB_Left	22.34	/	/	23.74	/	/	<=30	Pass	
		Inner_1RB_Right	22.22	/	/	23.62	/	/	<=30	Pass	
		3540	Edge_1RB_Left	22.30	/	/	23.70	/	/	<=30	Pass
			Edge_1RB_Right	22.35	/	/	23.75	/	/	<=30	Pass
			Outer_Full	22.49	/	/	23.89	/	/	<=30	Pass
			Inner_Full	22.51	/	/	23.91	/	/	<=30	Pass
	Inner_1RB_Left		22.32	/	/	23.72	/	/	<=30	Pass	
	Inner_1RB_Right		22.36	/	/	23.76	/	/	<=30	Pass	
	CP-OFDM 256 QAM	3460.02	Edge_1RB_Left	19.42	/	/	20.82	/	/	<=30	Pass
			Edge_1RB_Right	19.46	/	/	20.86	/	/	<=30	Pass
Outer_Full			19.31	/	/	20.71	/	/	<=30	Pass	
Inner_Full			19.24	/	/	20.64	/	/	<=30	Pass	
Inner_1RB_Left			19.40	/	/	20.80	/	/	<=30	Pass	
Inner_1RB_Right			19.41	/	/	20.81	/	/	<=30	Pass	
3500.01		Edge_1RB_Left	19.46	/	/	20.86	/	/	<=30	Pass	
		Edge_1RB_Right	19.29	/	/	20.69	/	/	<=30	Pass	
		Outer_Full	19.39	/	/	20.79	/	/	<=30	Pass	
		Inner_Full	19.38	/	/	20.78	/	/	<=30	Pass	
		Inner_1RB_Left	19.48	/	/	20.88	/	/	<=30	Pass	
		Inner_1RB_Right	19.27	/	/	20.67	/	/	<=30	Pass	
3540		Edge_1RB_Left	19.55	/	/	20.95	/	/	<=30	Pass	
		Edge_1RB_Right	19.50	/	/	20.90	/	/	<=30	Pass	
		Outer_Full	19.51	/	/	20.91	/	/	<=30	Pass	
		Inner_Full	19.43	/	/	20.83	/	/	<=30	Pass	
		Inner_1RB_Left	19.43	/	/	20.83	/	/	<=30	Pass	
		Inner_1RB_Right	19.56	/	/	20.96	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: 1.40dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.4 30k_SISO_40MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3470.01	Edge_1RB_Left	22.39	/	/	23.79	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	23.99	/	/	<=30	Pass
		Outer_Full	25.42	/	/	26.82	/	/	<=30	Pass
		Inner_Full	25.83	/	/	27.23	/	/	<=30	Pass
		Inner_1RB_Left	25.75	/	/	27.15	/	/	<=30	Pass
		Inner_1RB_Right	25.95	/	/	27.35	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.54	/	/	23.94	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	23.78	/	/	<=30	Pass
		Outer_Full	25.43	/	/	26.83	/	/	<=30	Pass

		Inner_Full	25.88	/	/	27.28	/	/	<=30	Pass
		Inner_1RB_Left	25.90	/	/	27.30	/	/	<=30	Pass
		Inner_1RB_Right	25.77	/	/	27.17	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.35	/	/	23.75	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	23.96	/	/	<=30	Pass
		Outer_Full	25.38	/	/	26.78	/	/	<=30	Pass
		Inner_Full	25.85	/	/	27.25	/	/	<=30	Pass
		Inner_1RB_Left	25.72	/	/	27.12	/	/	<=30	Pass
		Inner_1RB_Right	25.82	/	/	27.22	/	/	<=30	Pass
DFT-s-OFDM QPSK	3470.01	Edge_1RB_Left	22.34	/	/	23.74	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	23.94	/	/	<=30	Pass
		Outer_Full	24.90	/	/	26.30	/	/	<=30	Pass
		Inner_Full	25.81	/	/	27.21	/	/	<=30	Pass
		Inner_1RB_Left	25.72	/	/	27.12	/	/	<=30	Pass
		Inner_1RB_Right	25.93	/	/	27.33	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.51	/	/	23.91	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	23.80	/	/	<=30	Pass
		Outer_Full	24.93	/	/	26.33	/	/	<=30	Pass
		Inner_Full	25.86	/	/	27.26	/	/	<=30	Pass
		Inner_1RB_Left	25.85	/	/	27.25	/	/	<=30	Pass
		Inner_1RB_Right	25.81	/	/	27.21	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.34	/	/	23.74	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	23.92	/	/	<=30	Pass
		Outer_Full	24.87	/	/	26.27	/	/	<=30	Pass
		Inner_Full	25.84	/	/	27.24	/	/	<=30	Pass
		Inner_1RB_Left	25.66	/	/	27.06	/	/	<=30	Pass
		Inner_1RB_Right	25.78	/	/	27.18	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3470.01	Edge_1RB_Left	22.31	/	/	23.71	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	23.86	/	/	<=30	Pass
		Outer_Full	23.88	/	/	25.28	/	/	<=30	Pass
		Inner_Full	24.86	/	/	26.26	/	/	<=30	Pass
		Inner_1RB_Left	24.64	/	/	26.04	/	/	<=30	Pass
		Inner_1RB_Right	24.91	/	/	26.31	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.45	/	/	23.85	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	23.73	/	/	<=30	Pass
		Outer_Full	23.92	/	/	25.32	/	/	<=30	Pass
		Inner_Full	24.91	/	/	26.31	/	/	<=30	Pass
		Inner_1RB_Left	24.79	/	/	26.19	/	/	<=30	Pass
		Inner_1RB_Right	24.68	/	/	26.08	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.22	/	/	23.62	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	23.79	/	/	<=30	Pass
		Outer_Full	23.89	/	/	25.29	/	/	<=30	Pass
		Inner_Full	24.87	/	/	26.27	/	/	<=30	Pass
		Inner_1RB_Left	24.60	/	/	26.00	/	/	<=30	Pass
		Inner_1RB_Right	24.74	/	/	26.14	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3470.01	Edge_1RB_Left	22.22	/	/	23.62	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	23.82	/	/	<=30	Pass
		Outer_Full	23.43	/	/	24.83	/	/	<=30	Pass
		Inner_Full	23.36	/	/	24.76	/	/	<=30	Pass
		Inner_1RB_Left	23.18	/	/	24.58	/	/	<=30	Pass
		Inner_1RB_Right	23.42	/	/	24.82	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.33	/	/	23.73	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	23.63	/	/	<=30	Pass
		Outer_Full	23.42	/	/	24.82	/	/	<=30	Pass
		Inner_Full	23.42	/	/	24.82	/	/	<=30	Pass
		Inner_1RB_Left	23.33	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Right	23.21	/	/	24.61	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.17	/	/	23.57	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	23.72	/	/	<=30	Pass

		Outer_Full	23.41	/	/	24.81	/	/	<=30	Pass
		Inner_Full	23.43	/	/	24.83	/	/	<=30	Pass
		Inner_1RB_Left	23.15	/	/	24.55	/	/	<=30	Pass
		Inner_1RB_Right	23.30	/	/	24.70	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3470.01	Edge_1RB_Left	21.43	/	/	22.83	/	/	<=30	Pass
		Edge_1RB_Right	21.59	/	/	22.99	/	/	<=30	Pass
		Outer_Full	21.46	/	/	22.86	/	/	<=30	Pass
		Inner_Full	21.47	/	/	22.87	/	/	<=30	Pass
		Inner_1RB_Left	21.40	/	/	22.80	/	/	<=30	Pass
		Inner_1RB_Right	21.62	/	/	23.02	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.58	/	/	22.98	/	/	<=30	Pass
		Edge_1RB_Right	21.43	/	/	22.83	/	/	<=30	Pass
		Outer_Full	21.48	/	/	22.88	/	/	<=30	Pass
		Inner_Full	21.47	/	/	22.87	/	/	<=30	Pass
		Inner_1RB_Left	21.56	/	/	22.96	/	/	<=30	Pass
		Inner_1RB_Right	21.47	/	/	22.87	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	21.38	/	/	22.78	/	/	<=30	Pass
		Edge_1RB_Right	21.52	/	/	22.92	/	/	<=30	Pass
		Outer_Full	21.46	/	/	22.86	/	/	<=30	Pass
		Inner_Full	21.44	/	/	22.84	/	/	<=30	Pass
		Inner_1RB_Left	21.31	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Right	21.50	/	/	22.90	/	/	<=30	Pass
CP-OFDM QPSK	3470.01	Edge_1RB_Left	22.44	/	/	23.84	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	23.94	/	/	<=30	Pass
		Outer_Full	22.92	/	/	24.32	/	/	<=30	Pass
		Inner_Full	24.32	/	/	25.72	/	/	<=30	Pass
		Inner_1RB_Left	24.29	/	/	25.69	/	/	<=30	Pass
		Inner_1RB_Right	24.44	/	/	25.84	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.51	/	/	23.91	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	23.84	/	/	<=30	Pass
		Outer_Full	22.89	/	/	24.29	/	/	<=30	Pass
		Inner_Full	24.34	/	/	25.74	/	/	<=30	Pass
		Inner_1RB_Left	24.29	/	/	25.69	/	/	<=30	Pass
		Inner_1RB_Right	24.28	/	/	25.68	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.36	/	/	23.76	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	23.93	/	/	<=30	Pass
		Outer_Full	22.92	/	/	24.32	/	/	<=30	Pass
		Inner_Full	24.32	/	/	25.72	/	/	<=30	Pass
		Inner_1RB_Left	24.24	/	/	25.64	/	/	<=30	Pass
		Inner_1RB_Right	24.37	/	/	25.77	/	/	<=30	Pass
CP-OFDM 16 QAM	3470.01	Edge_1RB_Left	22.25	/	/	23.65	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	23.84	/	/	<=30	Pass
		Outer_Full	22.90	/	/	24.30	/	/	<=30	Pass
		Inner_Full	23.79	/	/	25.19	/	/	<=30	Pass
		Inner_1RB_Left	23.64	/	/	25.04	/	/	<=30	Pass
		Inner_1RB_Right	23.90	/	/	25.30	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.41	/	/	23.81	/	/	<=30	Pass
		Edge_1RB_Right	22.29	/	/	23.69	/	/	<=30	Pass
		Outer_Full	22.90	/	/	24.30	/	/	<=30	Pass
		Inner_Full	23.80	/	/	25.20	/	/	<=30	Pass
		Inner_1RB_Left	23.81	/	/	25.21	/	/	<=30	Pass
		Inner_1RB_Right	23.64	/	/	25.04	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.28	/	/	23.68	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	23.75	/	/	<=30	Pass
		Outer_Full	22.86	/	/	24.26	/	/	<=30	Pass
		Inner_Full	23.79	/	/	25.19	/	/	<=30	Pass
		Inner_1RB_Left	23.66	/	/	25.06	/	/	<=30	Pass
		Inner_1RB_Right	23.82	/	/	25.22	/	/	<=30	Pass
CP-OFDM 64 QAM	3470.01	Edge_1RB_Left	22.27	/	/	23.67	/	/	<=30	Pass

		Edge_1RB_Right	22.41	/	/	23.81	/	/	<=30	Pass	
		Outer_Full	22.38	/	/	23.78	/	/	<=30	Pass	
		Inner_Full	22.41	/	/	23.81	/	/	<=30	Pass	
		Inner_1RB_Left	22.25	/	/	23.65	/	/	<=30	Pass	
		Inner_1RB_Right	22.37	/	/	23.77	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	22.45	/	/	23.85	/	/	<=30	Pass	
		Edge_1RB_Right	22.31	/	/	23.71	/	/	<=30	Pass	
		Outer_Full	22.43	/	/	23.83	/	/	<=30	Pass	
		Inner_Full	22.47	/	/	23.87	/	/	<=30	Pass	
		Inner_1RB_Left	22.35	/	/	23.75	/	/	<=30	Pass	
	3529.98	Inner_1RB_Right	22.23	/	/	23.63	/	/	<=30	Pass	
		Edge_1RB_Left	22.21	/	/	23.61	/	/	<=30	Pass	
		Edge_1RB_Right	22.31	/	/	23.71	/	/	<=30	Pass	
		Outer_Full	22.35	/	/	23.75	/	/	<=30	Pass	
		Inner_Full	22.41	/	/	23.81	/	/	<=30	Pass	
	CP-OFDM 256 QAM	3470.01	Inner_1RB_Left	22.24	/	/	23.64	/	/	<=30	Pass
			Inner_1RB_Right	22.34	/	/	23.74	/	/	<=30	Pass
			Edge_1RB_Left	19.60	/	/	21.00	/	/	<=30	Pass
			Edge_1RB_Right	19.66	/	/	21.06	/	/	<=30	Pass
			Outer_Full	19.46	/	/	20.86	/	/	<=30	Pass
Inner_Full			19.40	/	/	20.80	/	/	<=30	Pass	
3500.01		Inner_1RB_Left	19.46	/	/	20.86	/	/	<=30	Pass	
		Inner_1RB_Right	19.67	/	/	21.07	/	/	<=30	Pass	
		Edge_1RB_Left	19.74	/	/	21.14	/	/	<=30	Pass	
		Edge_1RB_Right	19.64	/	/	21.04	/	/	<=30	Pass	
		Outer_Full	19.46	/	/	20.86	/	/	<=30	Pass	
		Inner_Full	19.49	/	/	20.89	/	/	<=30	Pass	
3529.98		Inner_1RB_Left	19.65	/	/	21.05	/	/	<=30	Pass	
		Inner_1RB_Right	19.65	/	/	21.05	/	/	<=30	Pass	
		Edge_1RB_Left	19.47	/	/	20.87	/	/	<=30	Pass	
		Edge_1RB_Right	19.60	/	/	21.00	/	/	<=30	Pass	
		Outer_Full	19.51	/	/	20.91	/	/	<=30	Pass	
		Inner_Full	19.48	/	/	20.88	/	/	<=30	Pass	
		Inner_1RB_Left	19.43	/	/	20.83	/	/	<=30	Pass	
		Inner_1RB_Right	19.76	/	/	21.16	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: 1.40dBi;											
Note2: EIRP=Conducted Power+Antenna Gain											

1.1.5 30k_SISO_50MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 50MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3475.02	Edge_1RB_Left	22.32	/	/	23.72	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	23.86	/	/	<=30	Pass
		Outer_Full	25.30	/	/	26.70	/	/	<=30	Pass
		Inner_Full	25.81	/	/	27.21	/	/	<=30	Pass
		Inner_1RB_Left	25.65	/	/	27.05	/	/	<=30	Pass
		Inner_1RB_Right	25.81	/	/	27.21	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.45	/	/	23.85	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	23.85	/	/	<=30	Pass
		Outer_Full	25.41	/	/	26.81	/	/	<=30	Pass
		Inner_Full	25.89	/	/	27.29	/	/	<=30	Pass
		Inner_1RB_Left	25.81	/	/	27.21	/	/	<=30	Pass
		Inner_1RB_Right	25.77	/	/	27.17	/	/	<=30	Pass
	3525	Edge_1RB_Left	22.33	/	/	23.73	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	23.80	/	/	<=30	Pass
		Outer_Full	25.24	/	/	26.64	/	/	<=30	Pass

		Inner_Full	25.74	/	/	27.14	/	/	<=30	Pass
		Inner_1RB_Left	25.64	/	/	27.04	/	/	<=30	Pass
		Inner_1RB_Right	25.77	/	/	27.17	/	/	<=30	Pass
DFT-s-OFDM QPSK	3475.02	Edge_1RB_Left	22.27	/	/	23.67	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	23.81	/	/	<=30	Pass
		Outer_Full	24.83	/	/	26.23	/	/	<=30	Pass
		Inner_Full	25.78	/	/	27.18	/	/	<=30	Pass
		Inner_1RB_Left	25.60	/	/	27.00	/	/	<=30	Pass
		Inner_1RB_Right	25.78	/	/	27.18	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.43	/	/	23.83	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	23.83	/	/	<=30	Pass
		Outer_Full	24.93	/	/	26.33	/	/	<=30	Pass
		Inner_Full	25.90	/	/	27.30	/	/	<=30	Pass
		Inner_1RB_Left	25.77	/	/	27.17	/	/	<=30	Pass
		Inner_1RB_Right	25.71	/	/	27.11	/	/	<=30	Pass
	3525	Edge_1RB_Left	22.29	/	/	23.69	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	23.77	/	/	<=30	Pass
		Outer_Full	24.75	/	/	26.15	/	/	<=30	Pass
		Inner_Full	25.71	/	/	27.11	/	/	<=30	Pass
		Inner_1RB_Left	25.63	/	/	27.03	/	/	<=30	Pass
		Inner_1RB_Right	25.70	/	/	27.10	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3475.02	Edge_1RB_Left	22.17	/	/	23.57	/	/	<=30	Pass
		Edge_1RB_Right	22.31	/	/	23.71	/	/	<=30	Pass
		Outer_Full	23.84	/	/	25.24	/	/	<=30	Pass
		Inner_Full	24.76	/	/	26.16	/	/	<=30	Pass
		Inner_1RB_Left	24.53	/	/	25.93	/	/	<=30	Pass
		Inner_1RB_Right	24.77	/	/	26.17	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.32	/	/	23.72	/	/	<=30	Pass
		Edge_1RB_Right	22.30	/	/	23.70	/	/	<=30	Pass
		Outer_Full	23.92	/	/	25.32	/	/	<=30	Pass
		Inner_Full	24.88	/	/	26.28	/	/	<=30	Pass
		Inner_1RB_Left	24.69	/	/	26.09	/	/	<=30	Pass
		Inner_1RB_Right	24.68	/	/	26.08	/	/	<=30	Pass
	3525	Edge_1RB_Left	22.21	/	/	23.61	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	23.72	/	/	<=30	Pass
		Outer_Full	23.79	/	/	25.19	/	/	<=30	Pass
		Inner_Full	24.72	/	/	26.12	/	/	<=30	Pass
		Inner_1RB_Left	24.62	/	/	26.02	/	/	<=30	Pass
		Inner_1RB_Right	24.72	/	/	26.12	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3475.02	Edge_1RB_Left	22.09	/	/	23.49	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	23.64	/	/	<=30	Pass
		Outer_Full	23.33	/	/	24.73	/	/	<=30	Pass
		Inner_Full	23.35	/	/	24.75	/	/	<=30	Pass
		Inner_1RB_Left	23.10	/	/	24.50	/	/	<=30	Pass
		Inner_1RB_Right	23.27	/	/	24.67	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.29	/	/	23.69	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	23.64	/	/	<=30	Pass
		Outer_Full	23.45	/	/	24.85	/	/	<=30	Pass
		Inner_Full	23.44	/	/	24.84	/	/	<=30	Pass
		Inner_1RB_Left	23.24	/	/	24.64	/	/	<=30	Pass
		Inner_1RB_Right	23.25	/	/	24.65	/	/	<=30	Pass
	3525	Edge_1RB_Left	22.12	/	/	23.52	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	23.64	/	/	<=30	Pass
		Outer_Full	23.28	/	/	24.68	/	/	<=30	Pass
		Inner_Full	23.27	/	/	24.67	/	/	<=30	Pass
		Inner_1RB_Left	23.09	/	/	24.49	/	/	<=30	Pass
		Inner_1RB_Right	23.23	/	/	24.63	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3475.02	Edge_1RB_Left	21.32	/	/	22.72	/	/	<=30	Pass
		Edge_1RB_Right	21.53	/	/	22.93	/	/	<=30	Pass

		Outer_Full	21.36	/	/	22.76	/	/	<=30	Pass
		Inner_Full	21.37	/	/	22.77	/	/	<=30	Pass
		Inner_1RB_Left	21.35	/	/	22.75	/	/	<=30	Pass
		Inner_1RB_Right	21.49	/	/	22.89	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.48	/	/	22.88	/	/	<=30	Pass
		Edge_1RB_Right	21.48	/	/	22.88	/	/	<=30	Pass
		Outer_Full	21.46	/	/	22.86	/	/	<=30	Pass
		Inner_Full	21.45	/	/	22.85	/	/	<=30	Pass
		Inner_1RB_Left	21.48	/	/	22.88	/	/	<=30	Pass
		Inner_1RB_Right	21.44	/	/	22.84	/	/	<=30	Pass
	3525	Edge_1RB_Left	21.36	/	/	22.76	/	/	<=30	Pass
		Edge_1RB_Right	21.47	/	/	22.87	/	/	<=30	Pass
		Outer_Full	21.39	/	/	22.79	/	/	<=30	Pass
		Inner_Full	21.31	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Left	21.36	/	/	22.76	/	/	<=30	Pass
CP-OFDM QPSK	3475.02	Inner_1RB_Right	21.47	/	/	22.87	/	/	<=30	Pass
		Edge_1RB_Left	22.26	/	/	23.66	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	23.79	/	/	<=30	Pass
		Outer_Full	22.80	/	/	24.20	/	/	<=30	Pass
		Inner_Full	24.25	/	/	25.65	/	/	<=30	Pass
		Inner_1RB_Left	24.21	/	/	25.61	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	24.43	/	/	25.83	/	/	<=30	Pass
		Edge_1RB_Left	22.47	/	/	23.87	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	23.85	/	/	<=30	Pass
		Outer_Full	22.91	/	/	24.31	/	/	<=30	Pass
		Inner_Full	24.34	/	/	25.74	/	/	<=30	Pass
	3525	Inner_1RB_Left	24.46	/	/	25.86	/	/	<=30	Pass
		Inner_1RB_Right	24.29	/	/	25.69	/	/	<=30	Pass
		Edge_1RB_Left	22.29	/	/	23.69	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	23.81	/	/	<=30	Pass
		Outer_Full	22.74	/	/	24.14	/	/	<=30	Pass
CP-OFDM 16 QAM	3475.02	Inner_Full	24.16	/	/	25.56	/	/	<=30	Pass
		Inner_1RB_Left	24.28	/	/	25.68	/	/	<=30	Pass
		Inner_1RB_Right	24.43	/	/	25.83	/	/	<=30	Pass
		Edge_1RB_Left	22.26	/	/	23.66	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	23.74	/	/	<=30	Pass
		Outer_Full	22.75	/	/	24.15	/	/	<=30	Pass
	3500.01	Inner_Full	23.77	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Left	23.63	/	/	25.03	/	/	<=30	Pass
		Inner_1RB_Right	23.75	/	/	25.15	/	/	<=30	Pass
		Edge_1RB_Left	22.27	/	/	23.67	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	23.63	/	/	<=30	Pass
	3525	Outer_Full	22.88	/	/	24.28	/	/	<=30	Pass
		Inner_Full	23.87	/	/	25.27	/	/	<=30	Pass
		Inner_1RB_Left	23.74	/	/	25.14	/	/	<=30	Pass
		Inner_1RB_Right	23.64	/	/	25.04	/	/	<=30	Pass
		Edge_1RB_Left	22.20	/	/	23.60	/	/	<=30	Pass
CP-OFDM 64 QAM	3475.02	Edge_1RB_Right	22.32	/	/	23.72	/	/	<=30	Pass
		Outer_Full	22.73	/	/	24.13	/	/	<=30	Pass
		Inner_Full	23.70	/	/	25.10	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	24.99	/	/	<=30	Pass
		Inner_1RB_Right	23.74	/	/	25.14	/	/	<=30	Pass
		Edge_1RB_Left	22.14	/	/	23.54	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	22.23	/	/	23.63	/	/	<=30	Pass
		Outer_Full	22.33	/	/	23.73	/	/	<=30	Pass
		Inner_Full	22.38	/	/	23.78	/	/	<=30	Pass
		Inner_1RB_Left	22.15	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Right	22.25	/	/	23.65	/	/	<=30	Pass
		Edge_1RB_Left	22.35	/	/	23.75	/	/	<=30	Pass

CP-OFDM 256 QAM	3525	Edge_1RB_Right	22.22	/	/	23.62	/	/	<=30	Pass
		Outer_Full	22.41	/	/	23.81	/	/	<=30	Pass
		Inner_Full	22.45	/	/	23.85	/	/	<=30	Pass
		Inner_1RB_Left	22.33	/	/	23.73	/	/	<=30	Pass
		Inner_1RB_Right	22.22	/	/	23.62	/	/	<=30	Pass
		Edge_1RB_Left	22.14	/	/	23.54	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	23.63	/	/	<=30	Pass
		Outer_Full	22.32	/	/	23.72	/	/	<=30	Pass
		Inner_Full	22.26	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Left	22.17	/	/	23.57	/	/	<=30	Pass
	Inner_1RB_Right	22.23	/	/	23.63	/	/	<=30	Pass	
	3475.02	Edge_1RB_Left	19.53	/	/	20.93	/	/	<=30	Pass
		Edge_1RB_Right	19.64	/	/	21.04	/	/	<=30	Pass
		Outer_Full	19.42	/	/	20.82	/	/	<=30	Pass
		Inner_Full	19.38	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Left	19.61	/	/	21.01	/	/	<=30	Pass
		Inner_1RB_Right	19.83	/	/	21.23	/	/	<=30	Pass
		3500.01	Edge_1RB_Left	19.67	/	/	21.07	/	/	<=30
Edge_1RB_Right			19.56	/	/	20.96	/	/	<=30	Pass
Outer_Full			19.51	/	/	20.91	/	/	<=30	Pass
Inner_Full			19.53	/	/	20.93	/	/	<=30	Pass
Inner_1RB_Left			19.69	/	/	21.09	/	/	<=30	Pass
Inner_1RB_Right			19.61	/	/	21.01	/	/	<=30	Pass
3525		Edge_1RB_Left	19.61	/	/	21.01	/	/	<=30	Pass
		Edge_1RB_Right	19.76	/	/	21.16	/	/	<=30	Pass
		Outer_Full	19.37	/	/	20.77	/	/	<=30	Pass
		Inner_Full	19.30	/	/	20.70	/	/	<=30	Pass
		Inner_1RB_Left	19.61	/	/	21.01	/	/	<=30	Pass
		Inner_1RB_Right	19.71	/	/	21.11	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30k_SISO_60MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 60MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3480	Edge_1RB_Left	22.36	/	/	23.76	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	23.76	/	/	<=30	Pass
		Outer_Full	25.40	/	/	26.80	/	/	<=30	Pass
		Inner_Full	25.95	/	/	27.35	/	/	<=30	Pass
		Inner_1RB_Left	25.71	/	/	27.11	/	/	<=30	Pass
		Inner_1RB_Right	25.75	/	/	27.15	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.29	/	/	23.69	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	23.82	/	/	<=30	Pass
		Outer_Full	25.33	/	/	26.73	/	/	<=30	Pass
		Inner_Full	25.87	/	/	27.27	/	/	<=30	Pass
		Inner_1RB_Left	25.71	/	/	27.11	/	/	<=30	Pass
		Inner_1RB_Right	25.76	/	/	27.16	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.46	/	/	23.86	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	23.85	/	/	<=30	Pass
		Outer_Full	25.33	/	/	26.73	/	/	<=30	Pass
		Inner_Full	25.79	/	/	27.19	/	/	<=30	Pass
		Inner_1RB_Left	25.82	/	/	27.22	/	/	<=30	Pass
		Inner_1RB_Right	25.80	/	/	27.20	/	/	<=30	Pass
DFT-s-OFDM QPSK	3480	Edge_1RB_Left	22.34	/	/	23.74	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	23.74	/	/	<=30	Pass
		Outer_Full	24.91	/	/	26.31	/	/	<=30	Pass

		Inner_Full	25.93	/	/	27.33	/	/	<=30	Pass
		Inner_1RB_Left	25.74	/	/	27.14	/	/	<=30	Pass
		Inner_1RB_Right	25.71	/	/	27.11	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.31	/	/	23.71	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	23.82	/	/	<=30	Pass
		Outer_Full	24.84	/	/	26.24	/	/	<=30	Pass
		Inner_Full	25.85	/	/	27.25	/	/	<=30	Pass
		Inner_1RB_Left	25.67	/	/	27.07	/	/	<=30	Pass
		Inner_1RB_Right	25.76	/	/	27.16	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.46	/	/	23.86	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	23.79	/	/	<=30	Pass
		Outer_Full	24.83	/	/	26.23	/	/	<=30	Pass
		Inner_Full	25.76	/	/	27.16	/	/	<=30	Pass
		Inner_1RB_Left	25.80	/	/	27.20	/	/	<=30	Pass
		Inner_1RB_Right	25.75	/	/	27.15	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3480	Edge_1RB_Left	22.26	/	/	23.66	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	23.65	/	/	<=30	Pass
		Outer_Full	23.87	/	/	25.27	/	/	<=30	Pass
		Inner_Full	24.96	/	/	26.36	/	/	<=30	Pass
		Inner_1RB_Left	24.64	/	/	26.04	/	/	<=30	Pass
		Inner_1RB_Right	24.74	/	/	26.14	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.20	/	/	23.60	/	/	<=30	Pass
		Edge_1RB_Right	22.30	/	/	23.70	/	/	<=30	Pass
		Outer_Full	23.80	/	/	25.20	/	/	<=30	Pass
		Inner_Full	24.91	/	/	26.31	/	/	<=30	Pass
		Inner_1RB_Left	24.70	/	/	26.10	/	/	<=30	Pass
		Inner_1RB_Right	24.77	/	/	26.17	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.34	/	/	23.74	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	23.74	/	/	<=30	Pass
		Outer_Full	23.82	/	/	25.22	/	/	<=30	Pass
		Inner_Full	24.79	/	/	26.19	/	/	<=30	Pass
		Inner_1RB_Left	24.73	/	/	26.13	/	/	<=30	Pass
		Inner_1RB_Right	24.75	/	/	26.15	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3480	Edge_1RB_Left	22.21	/	/	23.61	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	23.59	/	/	<=30	Pass
		Outer_Full	23.37	/	/	24.77	/	/	<=30	Pass
		Inner_Full	23.45	/	/	24.85	/	/	<=30	Pass
		Inner_1RB_Left	23.20	/	/	24.60	/	/	<=30	Pass
		Inner_1RB_Right	23.19	/	/	24.59	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.14	/	/	23.54	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	23.66	/	/	<=30	Pass
		Outer_Full	23.34	/	/	24.74	/	/	<=30	Pass
		Inner_Full	23.41	/	/	24.81	/	/	<=30	Pass
		Inner_1RB_Left	23.14	/	/	24.54	/	/	<=30	Pass
		Inner_1RB_Right	23.26	/	/	24.66	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.28	/	/	23.68	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	23.62	/	/	<=30	Pass
		Outer_Full	23.33	/	/	24.73	/	/	<=30	Pass
		Inner_Full	23.30	/	/	24.70	/	/	<=30	Pass
		Inner_1RB_Left	23.27	/	/	24.67	/	/	<=30	Pass
		Inner_1RB_Right	23.26	/	/	24.66	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3480	Edge_1RB_Left	21.41	/	/	22.81	/	/	<=30	Pass
		Edge_1RB_Right	21.42	/	/	22.82	/	/	<=30	Pass
		Outer_Full	21.43	/	/	22.83	/	/	<=30	Pass
		Inner_Full	21.53	/	/	22.93	/	/	<=30	Pass
		Inner_1RB_Left	21.42	/	/	22.82	/	/	<=30	Pass
		Inner_1RB_Right	21.41	/	/	22.81	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.37	/	/	22.77	/	/	<=30	Pass
		Edge_1RB_Right	21.44	/	/	22.84	/	/	<=30	Pass

		Outer_Full	21.32	/	/	22.72	/	/	<=30	Pass
		Inner_Full	21.45	/	/	22.85	/	/	<=30	Pass
		Inner_1RB_Left	21.35	/	/	22.75	/	/	<=30	Pass
		Inner_1RB_Right	21.45	/	/	22.85	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	21.50	/	/	22.90	/	/	<=30	Pass
		Edge_1RB_Right	21.47	/	/	22.87	/	/	<=30	Pass
		Outer_Full	21.38	/	/	22.78	/	/	<=30	Pass
		Inner_Full	21.37	/	/	22.77	/	/	<=30	Pass
		Inner_1RB_Left	21.50	/	/	22.90	/	/	<=30	Pass
		Inner_1RB_Right	21.47	/	/	22.87	/	/	<=30	Pass
CP-OFDM QPSK	3480	Edge_1RB_Left	22.35	/	/	23.75	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	23.75	/	/	<=30	Pass
		Outer_Full	22.91	/	/	24.31	/	/	<=30	Pass
		Inner_Full	24.44	/	/	25.84	/	/	<=30	Pass
		Inner_1RB_Left	24.22	/	/	25.62	/	/	<=30	Pass
		Inner_1RB_Right	24.23	/	/	25.63	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.29	/	/	23.69	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	23.82	/	/	<=30	Pass
		Outer_Full	22.87	/	/	24.27	/	/	<=30	Pass
		Inner_Full	24.38	/	/	25.78	/	/	<=30	Pass
		Inner_1RB_Left	24.23	/	/	25.63	/	/	<=30	Pass
		Inner_1RB_Right	24.50	/	/	25.90	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.39	/	/	23.79	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	23.80	/	/	<=30	Pass
		Outer_Full	22.85	/	/	24.25	/	/	<=30	Pass
		Inner_Full	24.28	/	/	25.68	/	/	<=30	Pass
		Inner_1RB_Left	24.34	/	/	25.74	/	/	<=30	Pass
		Inner_1RB_Right	24.44	/	/	25.84	/	/	<=30	Pass
CP-OFDM 16 QAM	3480	Edge_1RB_Left	22.26	/	/	23.66	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	23.57	/	/	<=30	Pass
		Outer_Full	22.87	/	/	24.27	/	/	<=30	Pass
		Inner_Full	23.90	/	/	25.30	/	/	<=30	Pass
		Inner_1RB_Left	23.65	/	/	25.05	/	/	<=30	Pass
		Inner_1RB_Right	23.70	/	/	25.10	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.28	/	/	23.68	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	23.73	/	/	<=30	Pass
		Outer_Full	22.78	/	/	24.18	/	/	<=30	Pass
		Inner_Full	23.85	/	/	25.25	/	/	<=30	Pass
		Inner_1RB_Left	23.64	/	/	25.04	/	/	<=30	Pass
		Inner_1RB_Right	23.74	/	/	25.14	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.44	/	/	23.84	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	23.72	/	/	<=30	Pass
		Outer_Full	22.83	/	/	24.23	/	/	<=30	Pass
		Inner_Full	23.75	/	/	25.15	/	/	<=30	Pass
		Inner_1RB_Left	23.82	/	/	25.22	/	/	<=30	Pass
		Inner_1RB_Right	23.78	/	/	25.18	/	/	<=30	Pass
CP-OFDM 64 QAM	3480	Edge_1RB_Left	22.24	/	/	23.64	/	/	<=30	Pass
		Edge_1RB_Right	22.20	/	/	23.60	/	/	<=30	Pass
		Outer_Full	22.38	/	/	23.78	/	/	<=30	Pass
		Inner_Full	22.46	/	/	23.86	/	/	<=30	Pass
		Inner_1RB_Left	22.26	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Right	22.25	/	/	23.65	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.15	/	/	23.55	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	23.61	/	/	<=30	Pass
		Outer_Full	22.35	/	/	23.75	/	/	<=30	Pass
		Inner_Full	22.38	/	/	23.78	/	/	<=30	Pass
		Inner_1RB_Left	22.15	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Right	22.23	/	/	23.63	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	22.31	/	/	23.71	/	/	<=30	Pass

		Edge_1RB_Right	22.25	/	/	23.65	/	/	<=30	Pass	
		Outer_Full	22.33	/	/	23.73	/	/	<=30	Pass	
		Inner_Full	22.32	/	/	23.72	/	/	<=30	Pass	
		Inner_1RB_Left	22.30	/	/	23.70	/	/	<=30	Pass	
		Inner_1RB_Right	22.35	/	/	23.75	/	/	<=30	Pass	
CP-OFDM 256 QAM	3480	Edge_1RB_Left	19.55	/	/	20.95	/	/	<=30	Pass	
		Edge_1RB_Right	19.58	/	/	20.98	/	/	<=30	Pass	
		Outer_Full	19.44	/	/	20.84	/	/	<=30	Pass	
		Inner_Full	19.52	/	/	20.92	/	/	<=30	Pass	
		Inner_1RB_Left	19.53	/	/	20.93	/	/	<=30	Pass	
	3500.01	Inner_1RB_Right	19.58	/	/	20.98	/	/	<=30	Pass	
		Edge_1RB_Left	19.56	/	/	20.96	/	/	<=30	Pass	
		Edge_1RB_Right	19.71	/	/	21.11	/	/	<=30	Pass	
		Outer_Full	19.40	/	/	20.80	/	/	<=30	Pass	
		Inner_Full	19.47	/	/	20.87	/	/	<=30	Pass	
		Inner_1RB_Left	19.57	/	/	20.97	/	/	<=30	Pass	
		Inner_1RB_Right	19.67	/	/	21.07	/	/	<=30	Pass	
	3519.99	Edge_1RB_Left	19.68	/	/	21.08	/	/	<=30	Pass	
		Edge_1RB_Right	19.69	/	/	21.09	/	/	<=30	Pass	
		Outer_Full	19.39	/	/	20.79	/	/	<=30	Pass	
		Inner_Full	19.35	/	/	20.75	/	/	<=30	Pass	
		Inner_1RB_Left	19.74	/	/	21.14	/	/	<=30	Pass	
	Inner_1RB_Right	19.74	/	/	21.14	/	/	<=30	Pass		
	Note1: Antenna Gain: Ant1: 1.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 30k_SISO_80MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 80MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3490.02	Edge 1RB Left	22.28	/	/	23.68	/	/	<=30	Pass
		Edge 1RB Right	22.42	/	/	23.82	/	/	<=30	Pass
		Outer Full	25.35	/	/	26.75	/	/	<=30	Pass
		Inner Full	25.91	/	/	27.31	/	/	<=30	Pass
		Inner 1RB Left	25.69	/	/	27.09	/	/	<=30	Pass
		Inner 1RB Right	25.75	/	/	27.15	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.23	/	/	23.63	/	/	<=30	Pass
		Edge 1RB Right	22.48	/	/	23.88	/	/	<=30	Pass
		Outer Full	25.38	/	/	26.78	/	/	<=30	Pass
		Inner Full	25.88	/	/	27.28	/	/	<=30	Pass
		Inner 1RB Left	25.65	/	/	27.05	/	/	<=30	Pass
		Inner 1RB Right	25.80	/	/	27.20	/	/	<=30	Pass
	3510	Edge 1RB Left	22.36	/	/	23.76	/	/	<=30	Pass
		Edge 1RB Right	22.51	/	/	23.91	/	/	<=30	Pass
		Outer Full	25.37	/	/	26.77	/	/	<=30	Pass
		Inner Full	25.89	/	/	27.29	/	/	<=30	Pass
		Inner 1RB Left	25.77	/	/	27.17	/	/	<=30	Pass
		Inner 1RB Right	25.84	/	/	27.24	/	/	<=30	Pass
DFT-s-OFDM QPSK	3490.02	Edge 1RB Left	22.25	/	/	23.65	/	/	<=30	Pass
		Edge 1RB Right	22.38	/	/	23.78	/	/	<=30	Pass
		Outer Full	24.85	/	/	26.25	/	/	<=30	Pass
		Inner Full	25.89	/	/	27.29	/	/	<=30	Pass
		Inner 1RB Left	25.64	/	/	27.04	/	/	<=30	Pass
		Inner 1RB Right	25.78	/	/	27.18	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.22	/	/	23.62	/	/	<=30	Pass
		Edge 1RB Right	22.45	/	/	23.85	/	/	<=30	Pass
		Outer Full	24.90	/	/	26.30	/	/	<=30	Pass

		Inner_Full	25.88	/	/	27.28	/	/	<=30	Pass
		Inner_1RB_Left	25.62	/	/	27.02	/	/	<=30	Pass
		Inner_1RB_Right	25.85	/	/	27.25	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.33	/	/	23.73	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	23.86	/	/	<=30	Pass
		Outer_Full	24.91	/	/	26.31	/	/	<=30	Pass
		Inner_Full	25.89	/	/	27.29	/	/	<=30	Pass
		Inner_1RB_Left	25.75	/	/	27.15	/	/	<=30	Pass
		Inner_1RB_Right	25.79	/	/	27.19	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3490.02	Edge_1RB_Left	22.15	/	/	23.55	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	23.67	/	/	<=30	Pass
		Outer_Full	23.85	/	/	25.25	/	/	<=30	Pass
		Inner_Full	24.92	/	/	26.32	/	/	<=30	Pass
		Inner_1RB_Left	24.59	/	/	25.99	/	/	<=30	Pass
		Inner_1RB_Right	24.65	/	/	26.05	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.11	/	/	23.51	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	23.76	/	/	<=30	Pass
		Outer_Full	23.87	/	/	25.27	/	/	<=30	Pass
		Inner_Full	24.91	/	/	26.31	/	/	<=30	Pass
		Inner_1RB_Left	24.54	/	/	25.94	/	/	<=30	Pass
		Inner_1RB_Right	24.73	/	/	26.13	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.22	/	/	23.62	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	23.84	/	/	<=30	Pass
		Outer_Full	23.89	/	/	25.29	/	/	<=30	Pass
		Inner_Full	24.90	/	/	26.30	/	/	<=30	Pass
		Inner_1RB_Left	24.63	/	/	26.03	/	/	<=30	Pass
		Inner_1RB_Right	24.76	/	/	26.16	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3490.02	Edge_1RB_Left	22.09	/	/	23.49	/	/	<=30	Pass
		Edge_1RB_Right	22.20	/	/	23.60	/	/	<=30	Pass
		Outer_Full	23.38	/	/	24.78	/	/	<=30	Pass
		Inner_Full	23.44	/	/	24.84	/	/	<=30	Pass
		Inner_1RB_Left	23.08	/	/	24.48	/	/	<=30	Pass
		Inner_1RB_Right	23.22	/	/	24.62	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.12	/	/	23.52	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	23.68	/	/	<=30	Pass
		Outer_Full	23.40	/	/	24.80	/	/	<=30	Pass
		Inner_Full	23.45	/	/	24.85	/	/	<=30	Pass
		Inner_1RB_Left	23.06	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Right	23.29	/	/	24.69	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.19	/	/	23.59	/	/	<=30	Pass
		Edge_1RB_Right	22.30	/	/	23.70	/	/	<=30	Pass
		Outer_Full	23.41	/	/	24.81	/	/	<=30	Pass
		Inner_Full	23.45	/	/	24.85	/	/	<=30	Pass
		Inner_1RB_Left	23.14	/	/	24.54	/	/	<=30	Pass
		Inner_1RB_Right	23.31	/	/	24.71	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3490.02	Edge_1RB_Left	21.29	/	/	22.69	/	/	<=30	Pass
		Edge_1RB_Right	21.40	/	/	22.80	/	/	<=30	Pass
		Outer_Full	21.42	/	/	22.82	/	/	<=30	Pass
		Inner_Full	21.49	/	/	22.89	/	/	<=30	Pass
		Inner_1RB_Left	21.31	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Right	21.41	/	/	22.81	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.28	/	/	22.68	/	/	<=30	Pass
		Edge_1RB_Right	21.50	/	/	22.90	/	/	<=30	Pass
		Outer_Full	21.43	/	/	22.83	/	/	<=30	Pass
		Inner_Full	21.48	/	/	22.88	/	/	<=30	Pass
		Inner_1RB_Left	21.27	/	/	22.67	/	/	<=30	Pass
		Inner_1RB_Right	21.49	/	/	22.89	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.39	/	/	22.79	/	/	<=30	Pass
		Edge_1RB_Right	21.51	/	/	22.91	/	/	<=30	Pass

		Outer_Full	21.45	/	/	22.85	/	/	<=30	Pass
		Inner_Full	21.48	/	/	22.88	/	/	<=30	Pass
		Inner_1RB_Left	21.36	/	/	22.76	/	/	<=30	Pass
		Inner_1RB_Right	21.48	/	/	22.88	/	/	<=30	Pass
CP-OFDM QPSK	3490.02	Edge_1RB_Left	22.33	/	/	23.73	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	23.80	/	/	<=30	Pass
		Outer_Full	22.88	/	/	24.28	/	/	<=30	Pass
		Inner_Full	24.37	/	/	25.77	/	/	<=30	Pass
		Inner_1RB_Left	24.18	/	/	25.58	/	/	<=30	Pass
		Inner_1RB_Right	24.55	/	/	25.95	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.34	/	/	23.74	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	23.80	/	/	<=30	Pass
		Outer_Full	22.90	/	/	24.30	/	/	<=30	Pass
		Inner_Full	24.36	/	/	25.76	/	/	<=30	Pass
		Inner_1RB_Left	24.18	/	/	25.58	/	/	<=30	Pass
		Inner_1RB_Right	24.31	/	/	25.71	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.43	/	/	23.83	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	23.87	/	/	<=30	Pass
		Outer_Full	22.93	/	/	24.33	/	/	<=30	Pass
		Inner_Full	24.36	/	/	25.76	/	/	<=30	Pass
		Inner_1RB_Left	24.24	/	/	25.64	/	/	<=30	Pass
		Inner_1RB_Right	24.38	/	/	25.78	/	/	<=30	Pass
CP-OFDM 16 QAM	3490.02	Edge_1RB_Left	22.15	/	/	23.55	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	23.62	/	/	<=30	Pass
		Outer_Full	22.88	/	/	24.28	/	/	<=30	Pass
		Inner_Full	23.90	/	/	25.30	/	/	<=30	Pass
		Inner_1RB_Left	23.55	/	/	24.95	/	/	<=30	Pass
		Inner_1RB_Right	23.73	/	/	25.13	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.17	/	/	23.57	/	/	<=30	Pass
		Edge_1RB_Right	22.29	/	/	23.69	/	/	<=30	Pass
		Outer_Full	22.88	/	/	24.28	/	/	<=30	Pass
		Inner_Full	23.91	/	/	25.31	/	/	<=30	Pass
		Inner_1RB_Left	23.53	/	/	24.93	/	/	<=30	Pass
		Inner_1RB_Right	23.80	/	/	25.20	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.22	/	/	23.62	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	23.75	/	/	<=30	Pass
		Outer_Full	22.88	/	/	24.28	/	/	<=30	Pass
		Inner_Full	23.90	/	/	25.30	/	/	<=30	Pass
		Inner_1RB_Left	23.62	/	/	25.02	/	/	<=30	Pass
		Inner_1RB_Right	23.81	/	/	25.21	/	/	<=30	Pass
CP-OFDM 64 QAM	3490.02	Edge_1RB_Left	22.15	/	/	23.55	/	/	<=30	Pass
		Edge_1RB_Right	22.18	/	/	23.58	/	/	<=30	Pass
		Outer_Full	22.36	/	/	23.76	/	/	<=30	Pass
		Inner_Full	22.43	/	/	23.83	/	/	<=30	Pass
		Inner_1RB_Left	22.15	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Right	22.25	/	/	23.65	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.14	/	/	23.54	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	23.66	/	/	<=30	Pass
		Outer_Full	22.40	/	/	23.80	/	/	<=30	Pass
		Inner_Full	22.42	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Left	22.12	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Right	22.28	/	/	23.68	/	/	<=30	Pass
	3510	Edge_1RB_Left	22.23	/	/	23.63	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	23.66	/	/	<=30	Pass
		Outer_Full	22.45	/	/	23.85	/	/	<=30	Pass
		Inner_Full	22.40	/	/	23.80	/	/	<=30	Pass
		Inner_1RB_Left	22.21	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Right	22.34	/	/	23.74	/	/	<=30	Pass
CP-OFDM 256 QAM	3490.02	Edge_1RB_Left	19.49	/	/	20.89	/	/	<=30	Pass

		Edge_1RB_Right	19.56	/	/	20.96	/	/	<=30	Pass
		Outer_Full	19.43	/	/	20.83	/	/	<=30	Pass
		Inner_Full	19.53	/	/	20.93	/	/	<=30	Pass
		Inner_1RB_Left	19.41	/	/	20.81	/	/	<=30	Pass
		Inner_1RB_Right	19.57	/	/	20.97	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.52	/	/	20.92	/	/	<=30	Pass
		Edge_1RB_Right	19.64	/	/	21.04	/	/	<=30	Pass
		Outer_Full	19.47	/	/	20.87	/	/	<=30	Pass
		Inner_Full	19.48	/	/	20.88	/	/	<=30	Pass
		Inner_1RB_Left	19.53	/	/	20.93	/	/	<=30	Pass
	3510	Inner_1RB_Right	19.65	/	/	21.05	/	/	<=30	Pass
		Edge_1RB_Left	19.55	/	/	20.95	/	/	<=30	Pass
		Edge_1RB_Right	19.65	/	/	21.05	/	/	<=30	Pass
		Outer_Full	19.49	/	/	20.89	/	/	<=30	Pass
		Inner_Full	19.51	/	/	20.91	/	/	<=30	Pass
		Inner_1RB_Left	19.50	/	/	20.90	/	/	<=30	Pass
	Inner_1RB_Right	19.66	/	/	21.06	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: 1.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 30k_SISO_90MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 90MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3495	Edge_1RB_Left	22.25	/	/	23.65	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	23.91	/	/	<=30	Pass
		Outer_Full	25.29	/	/	26.69	/	/	<=30	Pass
		Inner_Full	25.81	/	/	27.21	/	/	<=30	Pass
		Inner_1RB_Left	25.64	/	/	27.04	/	/	<=30	Pass
		Inner_1RB_Right	25.81	/	/	27.21	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.22	/	/	23.62	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	23.82	/	/	<=30	Pass
		Outer_Full	25.35	/	/	26.75	/	/	<=30	Pass
		Inner_Full	25.91	/	/	27.31	/	/	<=30	Pass
		Inner_1RB_Left	25.61	/	/	27.01	/	/	<=30	Pass
		Inner_1RB_Right	25.76	/	/	27.16	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.29	/	/	23.69	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	23.77	/	/	<=30	Pass
		Outer_Full	25.48	/	/	26.88	/	/	<=30	Pass
		Inner_Full	26.04	/	/	27.44	/	/	<=30	Pass
		Inner_1RB_Left	25.68	/	/	27.08	/	/	<=30	Pass
		Inner_1RB_Right	25.75	/	/	27.15	/	/	<=30	Pass
DFT-s-OFDM QPSK	3495	Edge_1RB_Left	22.22	/	/	23.62	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	23.84	/	/	<=30	Pass
		Outer_Full	24.78	/	/	26.18	/	/	<=30	Pass
		Inner_Full	25.79	/	/	27.19	/	/	<=30	Pass
		Inner_1RB_Left	25.64	/	/	27.04	/	/	<=30	Pass
		Inner_1RB_Right	25.86	/	/	27.26	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.19	/	/	23.59	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	23.80	/	/	<=30	Pass
		Outer_Full	24.86	/	/	26.26	/	/	<=30	Pass
		Inner_Full	25.90	/	/	27.30	/	/	<=30	Pass
		Inner_1RB_Left	25.60	/	/	27.00	/	/	<=30	Pass
		Inner_1RB_Right	25.83	/	/	27.23	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.24	/	/	23.64	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	23.77	/	/	<=30	Pass
		Outer_Full	24.95	/	/	26.35	/	/	<=30	Pass

		Inner_Full	26.04	/	/	27.44	/	/	<=30	Pass
		Inner_1RB_Left	25.67	/	/	27.07	/	/	<=30	Pass
		Inner_1RB_Right	25.68	/	/	27.08	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3495	Edge_1RB_Left	22.11	/	/	23.51	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	23.77	/	/	<=30	Pass
		Outer_Full	23.78	/	/	25.18	/	/	<=30	Pass
		Inner_Full	24.80	/	/	26.20	/	/	<=30	Pass
		Inner_1RB_Left	24.54	/	/	25.94	/	/	<=30	Pass
		Inner_1RB_Right	24.77	/	/	26.17	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.08	/	/	23.48	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	23.74	/	/	<=30	Pass
		Outer_Full	23.87	/	/	25.27	/	/	<=30	Pass
		Inner_Full	24.91	/	/	26.31	/	/	<=30	Pass
		Inner_1RB_Left	24.49	/	/	25.89	/	/	<=30	Pass
		Inner_1RB_Right	24.71	/	/	26.11	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.18	/	/	23.58	/	/	<=30	Pass
		Edge_1RB_Right	22.31	/	/	23.71	/	/	<=30	Pass
		Outer_Full	23.96	/	/	25.36	/	/	<=30	Pass
		Inner_Full	25.05	/	/	26.45	/	/	<=30	Pass
		Inner_1RB_Left	24.60	/	/	26.00	/	/	<=30	Pass
		Inner_1RB_Right	24.67	/	/	26.07	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3495	Edge_1RB_Left	22.05	/	/	23.45	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	23.66	/	/	<=30	Pass
		Outer_Full	23.32	/	/	24.72	/	/	<=30	Pass
		Inner_Full	23.34	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Left	23.08	/	/	24.48	/	/	<=30	Pass
		Inner_1RB_Right	23.28	/	/	24.68	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.07	/	/	23.47	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	23.63	/	/	<=30	Pass
		Outer_Full	23.38	/	/	24.78	/	/	<=30	Pass
		Inner_Full	23.45	/	/	24.85	/	/	<=30	Pass
		Inner_1RB_Left	23.03	/	/	24.43	/	/	<=30	Pass
		Inner_1RB_Right	23.25	/	/	24.65	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.10	/	/	23.50	/	/	<=30	Pass
		Edge_1RB_Right	22.16	/	/	23.56	/	/	<=30	Pass
		Outer_Full	23.49	/	/	24.89	/	/	<=30	Pass
		Inner_Full	23.57	/	/	24.97	/	/	<=30	Pass
		Inner_1RB_Left	23.07	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Right	23.18	/	/	24.58	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3495	Edge_1RB_Left	21.27	/	/	22.67	/	/	<=30	Pass
		Edge_1RB_Right	21.51	/	/	22.91	/	/	<=30	Pass
		Outer_Full	21.32	/	/	22.72	/	/	<=30	Pass
		Inner_Full	21.33	/	/	22.73	/	/	<=30	Pass
		Inner_1RB_Left	21.29	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Right	21.51	/	/	22.91	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.25	/	/	22.65	/	/	<=30	Pass
		Edge_1RB_Right	21.43	/	/	22.83	/	/	<=30	Pass
		Outer_Full	21.45	/	/	22.85	/	/	<=30	Pass
		Inner_Full	21.51	/	/	22.91	/	/	<=30	Pass
		Inner_1RB_Left	21.25	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Right	21.44	/	/	22.84	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	21.33	/	/	22.73	/	/	<=30	Pass
		Edge_1RB_Right	21.38	/	/	22.78	/	/	<=30	Pass
		Outer_Full	21.54	/	/	22.94	/	/	<=30	Pass
		Inner_Full	21.59	/	/	22.99	/	/	<=30	Pass
		Inner_1RB_Left	21.30	/	/	22.70	/	/	<=30	Pass
		Inner_1RB_Right	21.39	/	/	22.79	/	/	<=30	Pass
CP-OFDM QPSK	3495	Edge_1RB_Left	22.29	/	/	23.69	/	/	<=30	Pass
		Edge_1RB_Right	22.50	/	/	23.90	/	/	<=30	Pass

		Outer_Full	22.79	/	/	24.19	/	/	<=30	Pass
		Inner_Full	24.28	/	/	25.68	/	/	<=30	Pass
		Inner_1RB_Left	24.13	/	/	25.53	/	/	<=30	Pass
		Inner_1RB_Right	24.59	/	/	25.99	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.27	/	/	23.67	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	23.85	/	/	<=30	Pass
		Outer_Full	22.85	/	/	24.25	/	/	<=30	Pass
		Inner_Full	24.38	/	/	25.78	/	/	<=30	Pass
	3504.99	Inner_1RB_Left	24.13	/	/	25.53	/	/	<=30	Pass
		Inner_1RB_Right	24.59	/	/	25.99	/	/	<=30	Pass
		Edge_1RB_Left	22.36	/	/	23.76	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	23.78	/	/	<=30	Pass
		Outer_Full	22.96	/	/	24.36	/	/	<=30	Pass
		Inner_Full	24.48	/	/	25.88	/	/	<=30	Pass
		Inner_1RB_Left	24.20	/	/	25.60	/	/	<=30	Pass
		Inner_1RB_Right	24.26	/	/	25.66	/	/	<=30	Pass
CP-OFDM 16 QAM	3495	Edge_1RB_Left	22.09	/	/	23.49	/	/	<=30	Pass
		Edge_1RB_Right	22.30	/	/	23.70	/	/	<=30	Pass
		Outer_Full	22.74	/	/	24.14	/	/	<=30	Pass
		Inner_Full	23.80	/	/	25.20	/	/	<=30	Pass
		Inner_1RB_Left	23.54	/	/	24.94	/	/	<=30	Pass
		Inner_1RB_Right	23.79	/	/	25.19	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.17	/	/	23.57	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	23.76	/	/	<=30	Pass
		Outer_Full	22.82	/	/	24.22	/	/	<=30	Pass
		Inner_Full	23.89	/	/	25.29	/	/	<=30	Pass
		Inner_1RB_Left	23.55	/	/	24.95	/	/	<=30	Pass
		Inner_1RB_Right	23.77	/	/	25.17	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.15	/	/	23.55	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	23.61	/	/	<=30	Pass
		Outer_Full	22.92	/	/	24.32	/	/	<=30	Pass
		Inner_Full	24.00	/	/	25.40	/	/	<=30	Pass
		Inner_1RB_Left	23.58	/	/	24.98	/	/	<=30	Pass
		Inner_1RB_Right	23.71	/	/	25.11	/	/	<=30	Pass
CP-OFDM 64 QAM	3495	Edge_1RB_Left	22.14	/	/	23.54	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	23.68	/	/	<=30	Pass
		Outer_Full	22.28	/	/	23.68	/	/	<=30	Pass
		Inner_Full	22.35	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Left	22.08	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Right	22.27	/	/	23.67	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.10	/	/	23.50	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	23.67	/	/	<=30	Pass
		Outer_Full	22.35	/	/	23.75	/	/	<=30	Pass
		Inner_Full	22.43	/	/	23.83	/	/	<=30	Pass
		Inner_1RB_Left	22.11	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Right	22.26	/	/	23.66	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.14	/	/	23.54	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	23.61	/	/	<=30	Pass
		Outer_Full	22.46	/	/	23.86	/	/	<=30	Pass
		Inner_Full	22.51	/	/	23.91	/	/	<=30	Pass
		Inner_1RB_Left	22.14	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Right	22.20	/	/	23.60	/	/	<=30	Pass
CP-OFDM 256 QAM	3495	Edge_1RB_Left	19.44	/	/	20.84	/	/	<=30	Pass
		Edge_1RB_Right	19.62	/	/	21.02	/	/	<=30	Pass
		Outer_Full	19.29	/	/	20.69	/	/	<=30	Pass
		Inner_Full	19.42	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Left	19.39	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Right	19.68	/	/	21.08	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.42	/	/	20.82	/	/	<=30	Pass

		Edge_1RB_Right	19.66	/	/	21.06	/	/	<=30	Pass
		Outer_Full	19.45	/	/	20.85	/	/	<=30	Pass
		Inner_Full	19.46	/	/	20.86	/	/	<=30	Pass
		Inner_1RB_Left	19.39	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Right	19.59	/	/	20.99	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	19.47	/	/	20.87	/	/	<=30	Pass
		Edge_1RB_Right	19.66	/	/	21.06	/	/	<=30	Pass
		Outer_Full	19.56	/	/	20.96	/	/	<=30	Pass
		Inner_Full	19.60	/	/	21.00	/	/	<=30	Pass
		Inner_1RB_Left	19.46	/	/	20.86	/	/	<=30	Pass
		Inner_1RB_Right	19.56	/	/	20.96	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30k_SISO_100MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 100MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Edge_1RB_Left	22.23	/	/	23.63	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	23.81	/	/	<=30	Pass
		Outer_Full	25.33	/	/	26.73	/	/	<=30	Pass
		Inner_Full	25.90	/	/	27.30	/	/	<=30	Pass
		Inner_1RB_Left	25.64	/	/	27.04	/	/	<=30	Pass
		Inner_1RB_Right	25.74	/	/	27.14	/	/	<=30	Pass
DFT-s-OFDM QPSK	3500.01	Edge_1RB_Left	22.23	/	/	23.63	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	23.74	/	/	<=30	Pass
		Outer_Full	24.85	/	/	26.25	/	/	<=30	Pass
		Inner_Full	25.86	/	/	27.26	/	/	<=30	Pass
		Inner_1RB_Left	25.62	/	/	27.02	/	/	<=30	Pass
		Inner_1RB_Right	25.67	/	/	27.07	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3500.01	Edge_1RB_Left	22.17	/	/	23.57	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	23.62	/	/	<=30	Pass
		Outer_Full	23.87	/	/	25.27	/	/	<=30	Pass
		Inner_Full	24.89	/	/	26.29	/	/	<=30	Pass
		Inner_1RB_Left	24.52	/	/	25.92	/	/	<=30	Pass
		Inner_1RB_Right	24.64	/	/	26.04	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3500.01	Edge_1RB_Left	22.05	/	/	23.45	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	23.57	/	/	<=30	Pass
		Outer_Full	23.38	/	/	24.78	/	/	<=30	Pass
		Inner_Full	23.44	/	/	24.84	/	/	<=30	Pass
		Inner_1RB_Left	23.04	/	/	24.44	/	/	<=30	Pass
		Inner_1RB_Right	23.20	/	/	24.60	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3500.01	Edge_1RB_Left	21.29	/	/	22.69	/	/	<=30	Pass
		Edge_1RB_Right	21.38	/	/	22.78	/	/	<=30	Pass
		Outer_Full	21.44	/	/	22.84	/	/	<=30	Pass
		Inner_Full	21.51	/	/	22.91	/	/	<=30	Pass
		Inner_1RB_Left	21.31	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Right	21.41	/	/	22.81	/	/	<=30	Pass
CP-OFDM QPSK	3500.01	Edge_1RB_Left	22.21	/	/	23.61	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	23.77	/	/	<=30	Pass
		Outer_Full	22.89	/	/	24.29	/	/	<=30	Pass
		Inner_Full	24.36	/	/	25.76	/	/	<=30	Pass
		Inner_1RB_Left	24.11	/	/	25.51	/	/	<=30	Pass
		Inner_1RB_Right	24.28	/	/	25.68	/	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Edge_1RB_Left	22.11	/	/	23.51	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	23.62	/	/	<=30	Pass
		Outer_Full	22.86	/	/	24.26	/	/	<=30	Pass

		Inner_Full	23.85	/	/	25.25	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	24.92	/	/	<=30	Pass
		Inner_1RB_Right	23.78	/	/	25.18	/	/	<=30	Pass
CP-OFDM 64 QAM	3500.01	Edge_1RB_Left	22.09	/	/	23.49	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	23.61	/	/	<=30	Pass
		Outer_Full	22.37	/	/	23.77	/	/	<=30	Pass
		Inner_Full	22.42	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Left	22.13	/	/	23.53	/	/	<=30	Pass
		Inner_1RB_Right	22.28	/	/	23.68	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Edge_1RB_Left	19.46	/	/	20.86	/	/	<=30	Pass
		Edge_1RB_Right	19.57	/	/	20.97	/	/	<=30	Pass
		Outer_Full	19.51	/	/	20.91	/	/	<=30	Pass
		Inner_Full	19.50	/	/	20.90	/	/	<=30	Pass
		Inner_1RB_Left	19.52	/	/	20.92	/	/	<=30	Pass
		Inner_1RB_Right	19.57	/	/	20.97	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30k_SISO_10MHz

5G NR n77d SCS=30kHz SISO 10MHz								
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	-11.40	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-11.60	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-9.40	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-14.10	-0.0040	>=-2.5 & <=2.5	Pass
			0	NV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-15.10	-0.0043	>=-2.5 & <=2.5	Pass
			20	NV	-14.20	-0.0041	>=-2.5 & <=2.5	Pass
			30	NV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-17.10	-0.0049	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-13.70	-0.0039	>=-2.5 & <=2.5	Pass
				HV	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
			-30	NV	-13.30	-0.0038	>=-2.5 & <=2.5	Pass
			-20	NV	-9.50	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-12.60	-0.0036	>=-2.5 & <=2.5	Pass
			0	NV	-17.70	-0.0051	>=-2.5 & <=2.5	Pass
			10	NV	-15.60	-0.0045	>=-2.5 & <=2.5	Pass
			20	NV	-8.30	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-13.70	-0.0039	>=-2.5 & <=2.5	Pass
			40	NV	-15.90	-0.0045	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-17.20	-0.0049	>=-2.5 & <=2.5	Pass
				HV	-11.60	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	-11.60	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-15.00	-0.0043	>=-2.5 & <=2.5	Pass
			10	NV	-13.60	-0.0039	>=-2.5 & <=2.5	Pass

			20	NV	-7.40	-0.0021	>=-2.5 & <=2.5	Pass
			30	NV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
			40	NV	-18.10	-0.0052	>=-2.5 & <=2.5	Pass
			50	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-12.10	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-14.50	-0.0041	>=-2.5 & <=2.5	Pass
			-30	NV	-13.90	-0.0040	>=-2.5 & <=2.5	Pass
			-20	NV	-12.20	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-17.80	-0.0051	>=-2.5 & <=2.5	Pass
			10	NV	-13.60	-0.0039	>=-2.5 & <=2.5	Pass
			20	NV	-13.10	-0.0037	>=-2.5 & <=2.5	Pass
			30	NV	-12.50	-0.0036	>=-2.5 & <=2.5	Pass
			40	NV	-10.80	-0.0031	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	50	NV	-14.50	-0.0041	>=-2.5 & <=2.5	Pass
			20	LV	-14.20	-0.0041	>=-2.5 & <=2.5	Pass
				HV	-5.90	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			-20	NV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	-12.60	-0.0036	>=-2.5 & <=2.5	Pass
			0	NV	-13.10	-0.0037	>=-2.5 & <=2.5	Pass
			10	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			20	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	40	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
			50	NV	-11.40	-0.0033	>=-2.5 & <=2.5	Pass
			20	LV	-12.10	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-8.30	-0.0024	>=-2.5 & <=2.5	Pass
			-30	NV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	-7.40	-0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-9.00	-0.0026	>=-2.5 & <=2.5	Pass
			10	NV	-10.90	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-11.40	-0.0033	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	30	NV	-13.60	-0.0039	>=-2.5 & <=2.5	Pass
			40	NV	-10.90	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-13.40	-0.0038	>=-2.5 & <=2.5	Pass
			20	LV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-16.00	-0.0046	>=-2.5 & <=2.5	Pass
			-20	NV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	-13.50	-0.0039	>=-2.5 & <=2.5	Pass
			0	NV	-6.20	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-14.40	-0.0041	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			40	NV	-12.30	-0.0035	>=-2.5 & <=2.5	Pass
			50	NV	-10.90	-0.0031	>=-2.5 & <=2.5	Pass
			20	LV	-12.30	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass
			-30	NV	-14.20	-0.0041	>=-2.5 & <=2.5	Pass
			-20	NV	-11.90	-0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-9.10	-0.0026	>=-2.5 & <=2.5	Pass
			10	NV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
			20	NV	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
			30	NV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-9.80	-0.0028	>=-2.5 & <=2.5	Pass
			50	NV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass

CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-18.00	-0.0051	>=-2.5 & <=2.5	Pass
				HV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-10.60	-0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
			0	NV	-9.60	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-13.20	-0.0038	>=-2.5 & <=2.5	Pass
			20	NV	-7.90	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
			40	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			50	NV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass

2.1.2 30k_SISO_15MHz

5G NR n77d SCS=30kHz SISO 15MHz								
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	-15.50	-0.0044	>=-2.5 & <=2.5	Pass
				HV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-13.30	-0.0038	>=-2.5 & <=2.5	Pass
			-20	NV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-14.70	-0.0042	>=-2.5 & <=2.5	Pass
			0	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-8.50	-0.0024	>=-2.5 & <=2.5	Pass
			20	NV	-10.30	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-13.80	-0.0039	>=-2.5 & <=2.5	Pass
			40	NV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-13.60	-0.0039	>=-2.5 & <=2.5	Pass
				HV	-13.30	-0.0038	>=-2.5 & <=2.5	Pass
			-30	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-13.00	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	-17.10	-0.0049	>=-2.5 & <=2.5	Pass
			20	NV	-10.80	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-13.30	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-18.10	-0.0052	>=-2.5 & <=2.5	Pass
				HV	-10.60	-0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
			-20	NV	-9.40	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-10.70	-0.0031	>=-2.5 & <=2.5	Pass
			0	NV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-12.20	-0.0035	>=-2.5 & <=2.5	Pass
			20	NV	-5.00	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-13.90	-0.0040	>=-2.5 & <=2.5	Pass
			40	NV	-14.00	-0.0040	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-13.30	-0.0038	>=-2.5 & <=2.5	Pass
			-30	NV	-11.60	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-13.60	-0.0039	>=-2.5 & <=2.5	Pass
			0	NV	-10.90	-0.0031	>=-2.5 & <=2.5	Pass
			10	NV	-12.20	-0.0035	>=-2.5 & <=2.5	Pass

			20	NV	-9.00	-0.0026	$>=-2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-11.30	-0.0032	$>=-2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-15.00	-0.0043	$>=-2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-8.80	-0.0025	$>=-2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-12.40	-0.0035	$>=-2.5 \ \& \ \leq 2.5$	Pass
				HV	-11.80	-0.0034	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-17.90	-0.0051	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-14.80	-0.0042	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-9.60	-0.0027	$>=-2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-12.40	-0.0035	$>=-2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-12.50	-0.0036	$>=-2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-11.20	-0.0032	$>=-2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-9.30	-0.0027	$>=-2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-16.30	-0.0047	$>=-2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	3500.01	Outer_Full	50	NV	-10.30	-0.0029	$>=-2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-10.30	-0.0029	$>=-2.5 \ \& \ \leq 2.5$	Pass
				HV	-10.40	-0.0030	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-8.20	-0.0023	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-10.30	-0.0029	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-10.20	-0.0029	$>=-2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-8.50	-0.0024	$>=-2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-11.80	-0.0034	$>=-2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-8.60	-0.0025	$>=-2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-10.70	-0.0031	$>=-2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	40	NV	-10.70	-0.0031	$>=-2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-13.20	-0.0038	$>=-2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-12.80	-0.0037	$>=-2.5 \ \& \ \leq 2.5$	Pass
				HV	-11.40	-0.0033	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-9.60	-0.0027	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-13.90	-0.0040	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-13.40	-0.0038	$>=-2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-12.30	-0.0035	$>=-2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-12.00	-0.0034	$>=-2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-12.60	-0.0036	$>=-2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	30	NV	-14.30	-0.0041	$>=-2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-11.50	-0.0033	$>=-2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-10.60	-0.0030	$>=-2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-9.60	-0.0027	$>=-2.5 \ \& \ \leq 2.5$	Pass
				HV	-11.10	-0.0032	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-13.50	-0.0039	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-11.00	-0.0031	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-14.60	-0.0042	$>=-2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-11.00	-0.0031	$>=-2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-11.30	-0.0032	$>=-2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	NV	-10.90	-0.0031	$>=-2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-9.90	-0.0028	$>=-2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-11.70	-0.0033	$>=-2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-8.20	-0.0023	$>=-2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-8.80	-0.0025	$>=-2.5 \ \& \ \leq 2.5$	Pass
				HV	-13.10	-0.0037	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-9.80	-0.0028	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-11.00	-0.0031	$>=-2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-9.40	-0.0027	$>=-2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-12.30	-0.0035	$>=-2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-11.00	-0.0031	$>=-2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-13.90	-0.0040	$>=-2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-15.00	-0.0043	$>=-2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-16.00	-0.0046	$>=-2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-9.60	-0.0027	$>=-2.5 \ \& \ \leq 2.5$	Pass

2.1.3 30k_SISO_20MHz

5G NR n77d SCS=30kHz SISO 20MHz								
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	-12.60	-0.0036	>=-2.5 & <=2.5	Pass
				HV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-9.20	-0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-15.30	-0.0044	>=-2.5 & <=2.5	Pass
			0	NV	-10.80	-0.0031	>=-2.5 & <=2.5	Pass
			10	NV	-11.40	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-12.80	-0.0037	>=-2.5 & <=2.5	Pass
			30	NV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass
			50	NV	-11.40	-0.0033	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-10.70	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-11.90	-0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	-14.20	-0.0041	>=-2.5 & <=2.5	Pass
			0	NV	-17.20	-0.0049	>=-2.5 & <=2.5	Pass
			10	NV	-12.10	-0.0035	>=-2.5 & <=2.5	Pass
			20	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-13.20	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	-14.40	-0.0041	>=-2.5 & <=2.5	Pass
			50	NV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-12.80	-0.0037	>=-2.5 & <=2.5	Pass
				HV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-14.90	-0.0043	>=-2.5 & <=2.5	Pass
			-20	NV	-12.20	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass
			0	NV	-18.20	-0.0052	>=-2.5 & <=2.5	Pass
			10	NV	-9.00	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
			30	NV	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
			40	NV	-13.00	-0.0037	>=-2.5 & <=2.5	Pass
			50	NV	-10.30	-0.0029	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-13.70	-0.0039	>=-2.5 & <=2.5	Pass
				HV	-8.60	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-13.90	-0.0040	>=-2.5 & <=2.5	Pass
			-10	NV	-10.60	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-12.20	-0.0035	>=-2.5 & <=2.5	Pass
			10	NV	-14.00	-0.0040	>=-2.5 & <=2.5	Pass
			20	NV	-14.30	-0.0041	>=-2.5 & <=2.5	Pass
			30	NV	-14.00	-0.0040	>=-2.5 & <=2.5	Pass
			40	NV	-14.00	-0.0040	>=-2.5 & <=2.5	Pass
			50	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-13.10	-0.0037	>=-2.5 & <=2.5	Pass
				HV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-13.70	-0.0039	>=-2.5 & <=2.5	Pass
			-10	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-15.10	-0.0043	>=-2.5 & <=2.5	Pass
			10	NV	-11.90	-0.0034	>=-2.5 & <=2.5	Pass
			20	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass

			30	NV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-13.70	-0.0039	>=-2.5 & <=2.5	Pass
			50	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-13.10	-0.0037	>=-2.5 & <=2.5	Pass
				HV	-9.30	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-15.40	-0.0044	>=-2.5 & <=2.5	Pass
			-10	NV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-8.60	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass
			20	NV	-14.00	-0.0040	>=-2.5 & <=2.5	Pass
			30	NV	-12.60	-0.0036	>=-2.5 & <=2.5	Pass
			40	NV	-7.60	-0.0022	>=-2.5 & <=2.5	Pass
			50	NV	-12.30	-0.0035	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass
			-30	NV	-9.80	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-12.10	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-10.90	-0.0031	>=-2.5 & <=2.5	Pass
			0	NV	-9.60	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-11.40	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-7.60	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-8.60	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-10.70	-0.0031	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	50	NV	-8.00	-0.0023	>=-2.5 & <=2.5	Pass
			20	LV	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-10.90	-0.0031	>=-2.5 & <=2.5	Pass
			-10	NV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
			0	NV	-10.30	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-13.80	-0.0039	>=-2.5 & <=2.5	Pass
			20	NV	-9.00	-0.0026	>=-2.5 & <=2.5	Pass
			30	NV	-11.90	-0.0034	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	40	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
			50	NV	-15.60	-0.0045	>=-2.5 & <=2.5	Pass
			20	LV	-9.00	-0.0026	>=-2.5 & <=2.5	Pass
				HV	-7.50	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-7.00	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-8.40	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-9.00	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-4.60	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
			50	NV	-6.20	-0.0018	>=-2.5 & <=2.5	Pass

2.1.4 30k_SISO_40MHz

5G NR n77d SCS=30kHz SISO 40MHz								
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	-11.80	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-15.10	-0.0043	>=-2.5 & <=2.5	Pass
			-30	NV	-13.90	-0.0040	>=-2.5 & <=2.5	Pass
			-20	NV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass

			-10	NV	-8.80	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	-12.60	-0.0036	>=-2.5 & <=2.5	Pass
			10	NV	-13.00	-0.0037	>=-2.5 & <=2.5	Pass
			20	NV	-12.20	-0.0035	>=-2.5 & <=2.5	Pass
			30	NV	-8.80	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass
			50	NV	-8.70	-0.0025	>=-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	-11.40	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-9.80	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-14.20	-0.0041	>=-2.5 & <=2.5	Pass
			-10	NV	-11.90	-0.0034	>=-2.5 & <=2.5	Pass
			0	NV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass
			10	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-9.90	-0.0028	>=-2.5 & <=2.5	Pass
			30	NV	-9.80	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-13.90	-0.0040	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	50	NV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
			20	LV	-13.20	-0.0038	>=-2.5 & <=2.5	Pass
				HV	-9.10	-0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	-14.20	-0.0041	>=-2.5 & <=2.5	Pass
			-20	NV	-9.30	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-10.70	-0.0031	>=-2.5 & <=2.5	Pass
			0	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-7.30	-0.0021	>=-2.5 & <=2.5	Pass
			30	NV	-13.80	-0.0039	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	40	NV	-9.60	-0.0027	>=-2.5 & <=2.5	Pass
			50	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			20	LV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
			-30	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			-20	NV	-10.90	-0.0031	>=-2.5 & <=2.5	Pass
			-10	NV	-17.20	-0.0049	>=-2.5 & <=2.5	Pass
			0	NV	-13.60	-0.0039	>=-2.5 & <=2.5	Pass
			10	NV	-7.00	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	30	NV	-10.60	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-16.40	-0.0047	>=-2.5 & <=2.5	Pass
			50	NV	-9.80	-0.0028	>=-2.5 & <=2.5	Pass
			20	LV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass
			-30	NV	-7.30	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	-15.60	-0.0045	>=-2.5 & <=2.5	Pass
			0	NV	-13.80	-0.0039	>=-2.5 & <=2.5	Pass
			10	NV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	NV	-13.80	-0.0039	>=-2.5 & <=2.5	Pass
			20	NV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
			30	NV	-9.80	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-11.40	-0.0033	>=-2.5 & <=2.5	Pass
			50	NV	-12.50	-0.0036	>=-2.5 & <=2.5	Pass
			20	LV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
				HV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	-8.30	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	-8.10	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass

			30	NV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
			40	NV	-10.60	-0.0030	>=-2.5 & <=2.5	Pass
			50	NV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-9.10	-0.0026	>=-2.5 & <=2.5	Pass
				HV	-12.30	-0.0035	>=-2.5 & <=2.5	Pass
			-30	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-9.30	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-7.30	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
			10	NV	-9.00	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-13.70	-0.0039	>=-2.5 & <=2.5	Pass
			30	NV	-15.40	-0.0044	>=-2.5 & <=2.5	Pass
			40	NV	-12.60	-0.0036	>=-2.5 & <=2.5	Pass
			50	NV	-9.30	-0.0027	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-7.60	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-13.20	-0.0038	>=-2.5 & <=2.5	Pass
			-20	NV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	-8.80	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-10.90	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-7.90	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
			50	NV	-9.30	-0.0027	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-9.90	-0.0028	>=-2.5 & <=2.5	Pass
				HV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-13.90	-0.0040	>=-2.5 & <=2.5	Pass
			0	NV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-7.10	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass
			40	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			50	NV	-13.30	-0.0038	>=-2.5 & <=2.5	Pass

2.1.5 30k_SISO_50MHz

5G NR n77d SCS=30kHz SISO 50MHz								
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	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-8.10	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-7.70	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-8.50	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			10	NV	-9.90	-0.0028	>=-2.5 & <=2.5	Pass
			20	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-16.30	-0.0047	>=-2.5 & <=2.5	Pass
			40	NV	-9.60	-0.0027	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	50	NV	-16.80	-0.0048	>=-2.5 & <=2.5	Pass
			20	LV	-12.70	-0.0036	>=-2.5 & <=2.5	Pass
				HV	-10.70	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-13.70	-0.0039	>=-2.5 & <=2.5	Pass
			-20	NV	-7.20	-0.0021	>=-2.5 & <=2.5	Pass

			-10	NV	-12.20	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-14.30	-0.0041	>=-2.5 & <=2.5	Pass
			10	NV	-15.80	-0.0045	>=-2.5 & <=2.5	Pass
			20	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
			40	NV	-11.60	-0.0033	>=-2.5 & <=2.5	Pass
			50	NV	-8.40	-0.0024	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-17.50	-0.0050	>=-2.5 & <=2.5	Pass
				HV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-11.60	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-7.30	-0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	-14.30	-0.0041	>=-2.5 & <=2.5	Pass
			0	NV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-9.00	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-9.20	-0.0026	>=-2.5 & <=2.5	Pass
			30	NV	-7.20	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-15.00	-0.0043	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	50	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			20	LV	-10.70	-0.0031	>=-2.5 & <=2.5	Pass
				HV	-12.10	-0.0035	>=-2.5 & <=2.5	Pass
			-30	NV	-9.60	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	-14.00	-0.0040	>=-2.5 & <=2.5	Pass
			0	NV	-12.60	-0.0036	>=-2.5 & <=2.5	Pass
			10	NV	-14.50	-0.0041	>=-2.5 & <=2.5	Pass
			20	NV	-13.70	-0.0039	>=-2.5 & <=2.5	Pass
			30	NV	-9.20	-0.0026	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	40	NV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass
			50	NV	-9.50	-0.0027	>=-2.5 & <=2.5	Pass
			20	LV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-10.90	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass
			-20	NV	-12.60	-0.0036	>=-2.5 & <=2.5	Pass
			-10	NV	-12.50	-0.0036	>=-2.5 & <=2.5	Pass
			0	NV	-10.70	-0.0031	>=-2.5 & <=2.5	Pass
			10	NV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
			20	NV	-9.20	-0.0026	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	30	NV	-9.30	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	-10.90	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-12.60	-0.0036	>=-2.5 & <=2.5	Pass
			20	LV	-11.60	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-14.60	-0.0042	>=-2.5 & <=2.5	Pass
			-30	NV	-14.20	-0.0041	>=-2.5 & <=2.5	Pass
			-20	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	-15.00	-0.0043	>=-2.5 & <=2.5	Pass
			0	NV	-8.80	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-8.40	-0.0024	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	NV	-13.30	-0.0038	>=-2.5 & <=2.5	Pass
			30	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			40	NV	-9.90	-0.0028	>=-2.5 & <=2.5	Pass
			50	NV	-12.20	-0.0035	>=-2.5 & <=2.5	Pass
			20	LV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-14.50	-0.0041	>=-2.5 & <=2.5	Pass
			-30	NV	-7.30	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	-13.00	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-11.40	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass

			30	NV	-12.30	-0.0035	>=-2.5 & <=2.5	Pass
			40	NV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-9.60	-0.0027	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-12.20	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	-13.00	-0.0037	>=-2.5 & <=2.5	Pass
			-20	NV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
			-10	NV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-14.00	-0.0040	>=-2.5 & <=2.5	Pass
			10	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	-14.80	-0.0042	>=-2.5 & <=2.5	Pass
			30	NV	-13.80	-0.0039	>=-2.5 & <=2.5	Pass
			40	NV	-12.10	-0.0035	>=-2.5 & <=2.5	Pass
			50	NV	-12.50	-0.0036	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-12.30	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-11.40	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-14.30	-0.0041	>=-2.5 & <=2.5	Pass
			-20	NV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-15.60	-0.0045	>=-2.5 & <=2.5	Pass
			10	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-8.50	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-12.70	-0.0036	>=-2.5 & <=2.5	Pass
			50	NV	-8.80	-0.0025	>=-2.5 & <=2.5	Pass

2.1.6 30k_SISO_60MHz

5G NR n77d SCS=30kHz SISO 60MHz								
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	-13.80	-0.0039	>=-2.5 & <=2.5	Pass
				HV	-14.30	-0.0041	>=-2.5 & <=2.5	Pass
			-30	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	-9.90	-0.0028	>=-2.5 & <=2.5	Pass
			0	NV	-13.10	-0.0037	>=-2.5 & <=2.5	Pass
			10	NV	-13.10	-0.0037	>=-2.5 & <=2.5	Pass
			20	NV	-10.80	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-12.80	-0.0037	>=-2.5 & <=2.5	Pass
			40	NV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass
				HV	-14.40	-0.0041	>=-2.5 & <=2.5	Pass
			-30	NV	-16.00	-0.0046	>=-2.5 & <=2.5	Pass
			-20	NV	-13.30	-0.0038	>=-2.5 & <=2.5	Pass
			-10	NV	-13.30	-0.0038	>=-2.5 & <=2.5	Pass
			0	NV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
			20	NV	-14.70	-0.0042	>=-2.5 & <=2.5	Pass
			30	NV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-14.40	-0.0041	>=-2.5 & <=2.5	Pass
				HV	-11.90	-0.0034	>=-2.5 & <=2.5	Pass
			-30	NV	-7.70	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass

			-10	NV	-13.70	-0.0039	>=-2.5 & <=2.5	Pass
			0	NV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
			10	NV	-15.50	-0.0044	>=-2.5 & <=2.5	Pass
			20	NV	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
			30	NV	-8.30	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-12.60	-0.0036	>=-2.5 & <=2.5	Pass
			50	NV	-13.50	-0.0039	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-14.60	-0.0042	>=-2.5 & <=2.5	Pass
			-30	NV	-7.30	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass
			0	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	-16.30	-0.0047	>=-2.5 & <=2.5	Pass
			20	NV	-13.50	-0.0039	>=-2.5 & <=2.5	Pass
			30	NV	-14.00	-0.0040	>=-2.5 & <=2.5	Pass
			40	NV	-7.20	-0.0021	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	50	NV	-14.20	-0.0041	>=-2.5 & <=2.5	Pass
			20	LV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-8.10	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-13.40	-0.0038	>=-2.5 & <=2.5	Pass
			-10	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-15.60	-0.0045	>=-2.5 & <=2.5	Pass
			20	NV	-8.30	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-14.40	-0.0041	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	40	NV	-10.60	-0.0030	>=-2.5 & <=2.5	Pass
			50	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			20	LV	-18.40	-0.0053	>=-2.5 & <=2.5	Pass
				HV	-14.10	-0.0040	>=-2.5 & <=2.5	Pass
			-30	NV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-9.90	-0.0028	>=-2.5 & <=2.5	Pass
			0	NV	-7.70	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-9.90	-0.0028	>=-2.5 & <=2.5	Pass
			20	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	30	NV	-7.30	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-8.80	-0.0025	>=-2.5 & <=2.5	Pass
			50	NV	-12.20	-0.0035	>=-2.5 & <=2.5	Pass
			20	LV	-13.30	-0.0038	>=-2.5 & <=2.5	Pass
				HV	-13.00	-0.0037	>=-2.5 & <=2.5	Pass
			-30	NV	-11.40	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	-8.40	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
			10	NV	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	NV	-9.40	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			40	NV	-12.10	-0.0035	>=-2.5 & <=2.5	Pass
			50	NV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			20	LV	-9.10	-0.0026	>=-2.5 & <=2.5	Pass
				HV	-13.50	-0.0039	>=-2.5 & <=2.5	Pass
			-30	NV	-5.10	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-13.70	-0.0039	>=-2.5 & <=2.5	Pass
			-10	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-8.00	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
			20	NV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass

CP-OFDM 256 QAM	3500.01	Outer_Full	30	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-9.00	-0.0026	>=-2.5 & <=2.5	Pass
			50	NV	-11.60	-0.0033	>=-2.5 & <=2.5	Pass
			20	LV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-14.50	-0.0041	>=-2.5 & <=2.5	Pass
			-30	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-15.70	-0.0045	>=-2.5 & <=2.5	Pass
			-10	NV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-9.40	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-10.80	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-14.00	-0.0040	>=-2.5 & <=2.5	Pass
			50	NV	-11.60	-0.0033	>=-2.5 & <=2.5	Pass

2.1.7 30k_SISO_80MHz

5G NR n77d SCS=30kHz SISO 80MHz								
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	-13.30	-0.0038	>=-2.5 & <=2.5	Pass
				HV	-6.90	-0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-12.80	-0.0037	>=-2.5 & <=2.5	Pass
			-20	NV	-10.60	-0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	-14.60	-0.0042	>=-2.5 & <=2.5	Pass
			0	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-13.10	-0.0037	>=-2.5 & <=2.5	Pass
			30	NV	-9.20	-0.0026	>=-2.5 & <=2.5	Pass
			40	NV	-9.10	-0.0026	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	50	NV	-11.90	-0.0034	>=-2.5 & <=2.5	Pass
			20	LV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-12.50	-0.0036	>=-2.5 & <=2.5	Pass
			-30	NV	-12.30	-0.0035	>=-2.5 & <=2.5	Pass
			-20	NV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			20	NV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
			30	NV	-16.70	-0.0048	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	40	NV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-12.60	-0.0036	>=-2.5 & <=2.5	Pass
			20	LV	-14.70	-0.0042	>=-2.5 & <=2.5	Pass
				HV	-8.80	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-13.90	-0.0040	>=-2.5 & <=2.5	Pass
			-20	NV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-7.90	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-17.00	-0.0049	>=-2.5 & <=2.5	Pass
			10	NV	-11.90	-0.0034	>=-2.5 & <=2.5	Pass
			20	NV	-17.30	-0.0049	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	30	NV	-12.10	-0.0035	>=-2.5 & <=2.5	Pass
			40	NV	-11.40	-0.0033	>=-2.5 & <=2.5	Pass
			50	NV	-9.80	-0.0028	>=-2.5 & <=2.5	Pass
			20	LV	-9.20	-0.0026	>=-2.5 & <=2.5	Pass
				HV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-14.20	-0.0041	>=-2.5 & <=2.5	Pass

			-10	NV	-10.70	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-11.70	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.60	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.90	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-19.60	-0.0056	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-14.30	-0.0041	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-11.50	-0.0033	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-17.30	-0.0049	≥ -2.5 & ≤ 2.5	Pass
				HV	-11.70	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-15.00	-0.0043	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.30	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-12.80	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-15.60	-0.0045	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-14.10	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-9.50	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-9.20	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-12.50	-0.0036	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	50	NV	-8.20	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-7.50	-0.0021	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.20	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.70	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-8.50	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-9.80	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-11.00	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-12.40	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-11.40	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-10.40	-0.0030	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	40	NV	-11.50	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-13.20	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-11.90	-0.0034	≥ -2.5 & ≤ 2.5	Pass
				HV	-11.60	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.30	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-9.80	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-10.80	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.90	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-8.50	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.70	-0.0016	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	30	NV	-8.00	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-9.50	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-5.60	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-13.70	-0.0039	≥ -2.5 & ≤ 2.5	Pass
				HV	-9.70	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-9.00	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-14.70	-0.0042	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-11.00	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-8.30	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-10.30	-0.0029	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	NV	-11.30	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-9.50	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-11.90	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-10.90	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-7.60	-0.0022	≥ -2.5 & ≤ 2.5	Pass
				HV	-9.60	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-11.90	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-8.90	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-9.40	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-12.80	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-10.30	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-8.60	-0.0025	≥ -2.5 & ≤ 2.5	Pass

			30	NV	-14.20	-0.0041	>=-2.5 & <=2.5	Pass
			40	NV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass
			50	NV	-9.50	-0.0027	>=-2.5 & <=2.5	Pass

2.1.8 30k_SISO_90MHz

5G NR n77d 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	-13.70	-0.0039	>=-2.5 & <=2.5	Pass
				HV	-12.10	-0.0035	>=-2.5 & <=2.5	Pass
			-30	NV	-14.30	-0.0041	>=-2.5 & <=2.5	Pass
			-20	NV	-10.70	-0.0031	>=-2.5 & <=2.5	Pass
			-10	NV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
			10	NV	-9.20	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass
			30	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			40	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			50	NV	-12.80	-0.0037	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-9.20	-0.0026	>=-2.5 & <=2.5	Pass
				HV	-14.80	-0.0042	>=-2.5 & <=2.5	Pass
			-30	NV	-10.90	-0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	-13.50	-0.0039	>=-2.5 & <=2.5	Pass
			-10	NV	-13.50	-0.0039	>=-2.5 & <=2.5	Pass
			0	NV	-6.60	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	-16.30	-0.0047	>=-2.5 & <=2.5	Pass
			30	NV	-12.50	-0.0036	>=-2.5 & <=2.5	Pass
			40	NV	-9.40	-0.0027	>=-2.5 & <=2.5	Pass
			50	NV	-7.00	-0.0020	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-13.00	-0.0037	>=-2.5 & <=2.5	Pass
			-20	NV	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass
			10	NV	-13.00	-0.0037	>=-2.5 & <=2.5	Pass
			20	NV	-8.50	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-9.30	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
			50	NV	-14.00	-0.0040	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-11.40	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	-11.40	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-9.30	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-8.60	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
			30	NV	-6.70	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			50	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	-9.40	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-9.40	-0.0027	>=-2.5 & <=2.5	Pass

			-10	NV	-6.80	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-12.50	-0.0036	>=-2.5 & <=2.5	Pass
			10	NV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
			20	NV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-11.90	-0.0034	>=-2.5 & <=2.5	Pass
			50	NV	-16.40	-0.0047	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-10.60	-0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	-9.80	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-12.60	-0.0036	>=-2.5 & <=2.5	Pass
			-10	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-10.30	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-6.00	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-5.80	-0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	50	NV	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
			20	LV	-10.80	-0.0031	>=-2.5 & <=2.5	Pass
				HV	-7.60	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-9.20	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-14.20	-0.0041	>=-2.5 & <=2.5	Pass
			0	NV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-7.50	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	-9.80	-0.0028	>=-2.5 & <=2.5	Pass
			30	NV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	40	NV	-10.30	-0.0029	>=-2.5 & <=2.5	Pass
			50	NV	-8.10	-0.0023	>=-2.5 & <=2.5	Pass
			20	LV	-13.00	-0.0037	>=-2.5 & <=2.5	Pass
				HV	-10.70	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-9.50	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	-13.20	-0.0038	>=-2.5 & <=2.5	Pass
			0	NV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-8.80	-0.0025	>=-2.5 & <=2.5	Pass
			20	NV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	30	NV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			50	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			20	LV	-11.60	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-11.00	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-12.30	-0.0035	>=-2.5 & <=2.5	Pass
			-20	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-8.60	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	-14.00	-0.0040	>=-2.5 & <=2.5	Pass
			10	NV	-10.90	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			30	NV	-8.00	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	-8.80	-0.0025	>=-2.5 & <=2.5	Pass
			50	NV	-11.60	-0.0033	>=-2.5 & <=2.5	Pass

2.1.9 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 PI/2 BPSK	3500.01	Outer_Full	20	LV	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-13.20	-0.0038	>=-2.5 & <=2.5	Pass
			-30	NV	-13.40	-0.0038	>=-2.5 & <=2.5	Pass
			-20	NV	-12.70	-0.0036	>=-2.5 & <=2.5	Pass
			-10	NV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-10.90	-0.0031	>=-2.5 & <=2.5	Pass
			10	NV	-12.50	-0.0036	>=-2.5 & <=2.5	Pass
			20	NV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-14.30	-0.0041	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-10.80	-0.0031	>=-2.5 & <=2.5	Pass
				HV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass
			-30	NV	-9.60	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	-14.00	-0.0040	>=-2.5 & <=2.5	Pass
			0	NV	-6.30	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
			20	NV	-14.10	-0.0040	>=-2.5 & <=2.5	Pass
			30	NV	-11.20	-0.0032	>=-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	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-14.70	-0.0042	>=-2.5 & <=2.5	Pass
			-20	NV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
			-10	NV	-5.40	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	-10.30	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-8.30	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-9.90	-0.0028	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-8.40	-0.0024	>=-2.5 & <=2.5	Pass
				HV	-7.70	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-11.60	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-14.30	-0.0041	>=-2.5 & <=2.5	Pass
			-10	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-13.10	-0.0037	>=-2.5 & <=2.5	Pass
			10	NV	-13.90	-0.0040	>=-2.5 & <=2.5	Pass
			20	NV	-17.10	-0.0049	>=-2.5 & <=2.5	Pass
			30	NV	-19.60	-0.0056	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-7.00	-0.0020	>=-2.5 & <=2.5	Pass
				HV	-10.90	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-8.60	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-10.90	-0.0031	>=-2.5 & <=2.5	Pass
			-10	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-7.40	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-12.80	-0.0037	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
				HV	-8.80	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-9.60	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-9.40	-0.0027	>=-2.5 & <=2.5	Pass

			-10	NV	-10.80	-0.0031	>=-2.5 & <=2.5	Pass
			0	NV	-8.30	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	-12.20	-0.0035	>=-2.5 & <=2.5	Pass
			20	NV	-12.70	-0.0036	>=-2.5 & <=2.5	Pass
			30	NV	-13.60	-0.0039	>=-2.5 & <=2.5	Pass
			40	NV	-13.50	-0.0039	>=-2.5 & <=2.5	Pass
			50	NV	-6.50	-0.0019	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-13.10	-0.0037	>=-2.5 & <=2.5	Pass
				HV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-6.70	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-7.70	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
			20	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-10.90	-0.0031	>=-2.5 & <=2.5	Pass
			40	NV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	50	NV	-12.00	-0.0034	>=-2.5 & <=2.5	Pass
			20	LV	-10.60	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-10.30	-0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	-9.30	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-9.20	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-15.50	-0.0044	>=-2.5 & <=2.5	Pass
			0	NV	-12.50	-0.0036	>=-2.5 & <=2.5	Pass
			10	NV	-13.00	-0.0037	>=-2.5 & <=2.5	Pass
			20	NV	-10.90	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-9.40	-0.0027	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	40	NV	-13.60	-0.0039	>=-2.5 & <=2.5	Pass
			50	NV	-10.60	-0.0030	>=-2.5 & <=2.5	Pass
			20	LV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-11.70	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	-5.40	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-14.00	-0.0040	>=-2.5 & <=2.5	Pass
			0	NV	-8.50	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	-10.60	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-7.30	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-10.60	-0.0030	>=-2.5 & <=2.5	Pass
			50	NV	-7.50	-0.0021	>=-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	3455.01	Outer_Full	8.74	9.51	/	Pass
	3500.01	Outer_Full	8.76	9.52	/	Pass
	3544.98	Outer_Full	8.75	9.41	/	Pass
DFT-s-OFDM QPSK	3455.01	Outer_Full	8.71	9.53	/	Pass
	3500.01	Outer_Full	8.80	9.54	/	Pass
	3544.98	Outer_Full	8.77	9.46	/	Pass

DFT-s-OFDM 16 QAM	3455.01	Outer_Full	8.75	9.30	/	Pass
	3500.01	Outer_Full	8.77	9.38	/	Pass
	3544.98	Outer_Full	8.77	9.42	/	Pass
DFT-s-OFDM 64 QAM	3455.01	Outer_Full	8.76	9.44	/	Pass
	3500.01	Outer_Full	8.78	9.50	/	Pass
	3544.98	Outer_Full	8.75	9.29	/	Pass
DFT-s-OFDM 256 QAM	3455.01	Outer_Full	8.83	9.27	/	Pass
	3500.01	Outer_Full	8.85	9.47	/	Pass
	3544.98	Outer_Full	8.85	9.35	/	Pass
CP-OFDM QPSK	3455.01	Outer_Full	8.79	9.38	/	Pass
	3500.01	Outer_Full	8.79	9.41	/	Pass
	3544.98	Outer_Full	8.81	9.39	/	Pass
CP-OFDM 16 QAM	3455.01	Outer_Full	8.81	9.49	/	Pass
	3500.01	Outer_Full	8.76	9.28	/	Pass
	3544.98	Outer_Full	8.81	9.42	/	Pass
CP-OFDM 64 QAM	3455.01	Outer_Full	8.81	9.41	/	Pass
	3500.01	Outer_Full	8.80	9.29	/	Pass
	3544.98	Outer_Full	8.80	9.33	/	Pass
CP-OFDM 256 QAM	3455.01	Outer_Full	8.81	9.29	/	Pass
	3500.01	Outer_Full	8.79	9.38	/	Pass
	3544.98	Outer_Full	8.82	9.33	/	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	3457.5	Outer_Full	13.25	14.21	/	Pass
	3500.01	Outer_Full	13.28	14.10	/	Pass
	3542.49	Outer_Full	13.24	14.21	/	Pass
DFT-s-OFDM QPSK	3457.5	Outer_Full	13.26	14.05	/	Pass
	3500.01	Outer_Full	13.24	14.13	/	Pass
	3542.49	Outer_Full	13.22	14.20	/	Pass
DFT-s-OFDM 16 QAM	3457.5	Outer_Full	13.24	14.05	/	Pass
	3500.01	Outer_Full	13.21	14.03	/	Pass
	3542.49	Outer_Full	13.24	14.05	/	Pass
DFT-s-OFDM 64 QAM	3457.5	Outer_Full	13.23	14.06	/	Pass
	3500.01	Outer_Full	13.23	13.98	/	Pass
	3542.49	Outer_Full	13.22	13.96	/	Pass
DFT-s-OFDM 256 QAM	3457.5	Outer_Full	13.30	14.00	/	Pass
	3500.01	Outer_Full	13.26	13.96	/	Pass
	3542.49	Outer_Full	13.29	13.94	/	Pass
CP-OFDM QPSK	3457.5	Outer_Full	14.00	14.81	/	Pass
	3500.01	Outer_Full	13.99	14.89	/	Pass
	3542.49	Outer_Full	13.99	14.64	/	Pass
CP-OFDM 16 QAM	3457.5	Outer_Full	13.93	14.73	/	Pass
	3500.01	Outer_Full	13.94	14.76	/	Pass
	3542.49	Outer_Full	13.95	14.84	/	Pass
CP-OFDM 64 QAM	3457.5	Outer_Full	13.97	14.74	/	Pass
	3500.01	Outer_Full	14.00	14.80	/	Pass
	3542.49	Outer_Full	14.03	14.80	/	Pass
CP-OFDM 256 QAM	3457.5	Outer_Full	13.99	14.68	/	Pass
	3500.01	Outer_Full	13.96	14.75	/	Pass
	3542.49	Outer_Full	13.96	14.63	/	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	3460.02	Outer_Full	18.39	19.46	/	Pass
	3500.01	Outer_Full	18.39	19.36	/	Pass
	3540	Outer_Full	18.37	19.43	/	Pass
DFT-s-OFDM QPSK	3460.02	Outer_Full	18.34	19.37	/	Pass
	3500.01	Outer_Full	18.36	19.38	/	Pass
	3540	Outer_Full	18.36	19.53	/	Pass
DFT-s-OFDM 16 QAM	3460.02	Outer_Full	18.39	19.36	/	Pass
	3500.01	Outer_Full	18.38	19.43	/	Pass
	3540	Outer_Full	18.25	19.54	/	Pass
DFT-s-OFDM 64 QAM	3460.02	Outer_Full	18.32	19.38	/	Pass
	3500.01	Outer_Full	18.38	19.34	/	Pass
	3540	Outer_Full	18.36	19.42	/	Pass
DFT-s-OFDM 256 QAM	3460.02	Outer_Full	18.42	19.33	/	Pass
	3500.01	Outer_Full	18.43	19.30	/	Pass
	3540	Outer_Full	18.44	19.29	/	Pass
CP-OFDM QPSK	3460.02	Outer_Full	18.75	19.77	/	Pass
	3500.01	Outer_Full	18.73	19.69	/	Pass
	3540	Outer_Full	18.71	19.64	/	Pass
CP-OFDM 16 QAM	3460.02	Outer_Full	18.73	19.85	/	Pass
	3500.01	Outer_Full	18.75	19.78	/	Pass
	3540	Outer_Full	18.75	19.68	/	Pass
CP-OFDM 64 QAM	3460.02	Outer_Full	18.76	19.73	/	Pass
	3500.01	Outer_Full	18.80	19.80	/	Pass
	3540	Outer_Full	18.73	19.62	/	Pass
CP-OFDM 256 QAM	3460.02	Outer_Full	18.75	19.60	/	Pass
	3500.01	Outer_Full	18.74	19.72	/	Pass
	3540	Outer_Full	18.74	19.67	/	Pass

3.1.4 30k_SISO_40MHz_NTN

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	3470.01	Outer_Full	36.78	38.79	/	Pass
	3500.01	Outer_Full	36.77	38.78	/	Pass
	3529.98	Outer_Full	36.69	38.81	/	Pass
DFT-s-OFDM QPSK	3470.01	Outer_Full	36.68	38.81	/	Pass
	3500.01	Outer_Full	36.49	38.90	/	Pass
	3529.98	Outer_Full	36.69	38.72	/	Pass
DFT-s-OFDM 16 QAM	3470.01	Outer_Full	36.72	38.79	/	Pass
	3500.01	Outer_Full	36.75	38.70	/	Pass
	3529.98	Outer_Full	36.78	38.81	/	Pass
DFT-s-OFDM 64 QAM	3470.01	Outer_Full	36.76	38.76	/	Pass
	3500.01	Outer_Full	36.76	38.72	/	Pass
	3529.98	Outer_Full	36.77	38.71	/	Pass
DFT-s-OFDM 256 QAM	3470.01	Outer_Full	36.86	38.73	/	Pass
	3500.01	Outer_Full	36.94	38.64	/	Pass
	3529.98	Outer_Full	36.97	38.63	/	Pass
CP-OFDM QPSK	3470.01	Outer_Full	38.90	40.87	/	Pass
	3500.01	Outer_Full	38.83	40.75	/	Pass
	3529.98	Outer_Full	38.90	40.76	/	Pass
CP-OFDM 16 QAM	3470.01	Outer_Full	38.86	40.80	/	Pass
	3500.01	Outer_Full	38.90	40.78	/	Pass
	3529.98	Outer_Full	38.93	40.87	/	Pass
CP-OFDM 64 QAM	3470.01	Outer_Full	38.96	40.78	/	Pass

CP-OFDM 256 QAM	3500.01	Outer_Full	38.95	40.85	/	Pass
	3529.98	Outer_Full	38.73	40.67	/	Pass
	3470.01	Outer_Full	38.93	40.52	/	Pass
	3500.01	Outer_Full	38.91	40.68	/	Pass
	3529.98	Outer_Full	39.00	40.75	/	Pass

3.1.5 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	3475.02	Outer_Full	46.98	49.45	/	Pass
	3500.01	Outer_Full	46.98	49.57	/	Pass
	3525	Outer_Full	46.86	49.51	/	Pass
DFT-s-OFDM QPSK	3475.02	Outer_Full	46.78	49.39	/	Pass
	3500.01	Outer_Full	46.85	49.56	/	Pass
	3525	Outer_Full	46.92	49.60	/	Pass
DFT-s-OFDM 16 QAM	3475.02	Outer_Full	47.05	49.61	/	Pass
	3500.01	Outer_Full	47.07	49.45	/	Pass
	3525	Outer_Full	47.09	49.48	/	Pass
DFT-s-OFDM 64 QAM	3475.02	Outer_Full	47.04	49.36	/	Pass
	3500.01	Outer_Full	46.94	49.40	/	Pass
	3525	Outer_Full	46.99	49.46	/	Pass
DFT-s-OFDM 256 QAM	3475.02	Outer_Full	47.12	49.38	/	Pass
	3500.01	Outer_Full	47.15	49.38	/	Pass
	3525	Outer_Full	47.14	49.31	/	Pass
CP-OFDM QPSK	3475.02	Outer_Full	48.87	51.34	/	Pass
	3500.01	Outer_Full	48.88	51.25	/	Pass
	3525	Outer_Full	48.85	51.20	/	Pass
CP-OFDM 16 QAM	3475.02	Outer_Full	48.87	51.22	/	Pass
	3500.01	Outer_Full	48.70	51.21	/	Pass
	3525	Outer_Full	48.88	51.30	/	Pass
CP-OFDM 64 QAM	3475.02	Outer_Full	48.85	51.16	/	Pass
	3500.01	Outer_Full	48.82	51.20	/	Pass
	3525	Outer_Full	48.80	51.09	/	Pass
CP-OFDM 256 QAM	3475.02	Outer_Full	48.86	51.07	/	Pass
	3500.01	Outer_Full	47.78	51.52	/	Pass
	3525	Outer_Full	48.76	50.90	/	Pass

3.1.6 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	3480	Outer_Full	59.41	62.63	/	Pass
	3500.01	Outer_Full	59.28	62.52	/	Pass
	3519.99	Outer_Full	59.45	62.66	/	Pass
DFT-s-OFDM QPSK	3480	Outer_Full	59.33	62.51	/	Pass
	3500.01	Outer_Full	59.41	62.60	/	Pass
	3519.99	Outer_Full	59.47	62.46	/	Pass
DFT-s-OFDM 16 QAM	3480	Outer_Full	59.52	62.51	/	Pass
	3500.01	Outer_Full	59.55	62.38	/	Pass
	3519.99	Outer_Full	59.50	62.25	/	Pass
DFT-s-OFDM 64 QAM	3480	Outer_Full	59.45	62.45	/	Pass
	3500.01	Outer_Full	59.51	62.35	/	Pass
	3519.99	Outer_Full	59.53	62.39	/	Pass

DFT-s-OFDM 256 QAM	3480	Outer_Full	59.48	62.20	/	Pass
	3500.01	Outer_Full	59.50	62.23	/	Pass
	3519.99	Outer_Full	59.48	62.40	/	Pass
CP-OFDM QPSK	3480	Outer_Full	59.45	62.43	/	Pass
	3500.01	Outer_Full	59.55	62.29	/	Pass
	3519.99	Outer_Full	59.41	62.38	/	Pass
CP-OFDM 16 QAM	3480	Outer_Full	59.39	62.43	/	Pass
	3500.01	Outer_Full	59.49	62.47	/	Pass
	3519.99	Outer_Full	59.45	62.30	/	Pass
CP-OFDM 64 QAM	3480	Outer_Full	59.48	62.26	/	Pass
	3500.01	Outer_Full	59.56	62.42	/	Pass
	3519.99	Outer_Full	59.56	62.27	/	Pass
CP-OFDM 256 QAM	3480	Outer_Full	59.44	62.08	/	Pass
	3500.01	Outer_Full	59.36	62.07	/	Pass
	3519.99	Outer_Full	59.37	62.07	/	Pass

3.1.7 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	3490.02	Outer_Full	79.11	83.34	/	Pass
	3500.01	Outer_Full	79.37	82.62	/	Pass
	3510	Outer_Full	77.30	82.70	/	Pass
DFT-s-OFDM QPSK	3490.02	Outer_Full	79.31	83.34	/	Pass
	3500.01	Outer_Full	79.43	83.24	/	Pass
	3510	Outer_Full	77.23	82.82	/	Pass
DFT-s-OFDM 16 QAM	3490.02	Outer_Full	79.49	83.28	/	Pass
	3500.01	Outer_Full	79.63	82.40	/	Pass
	3510	Outer_Full	77.69	82.43	/	Pass
DFT-s-OFDM 64 QAM	3490.02	Outer_Full	79.29	83.16	/	Pass
	3500.01	Outer_Full	78.03	83.07	/	Pass
	3510	Outer_Full	79.20	81.98	/	Pass
DFT-s-OFDM 256 QAM	3490.02	Outer_Full	79.56	82.97	/	Pass
	3500.01	Outer_Full	77.53	83.13	/	Pass
	3510	Outer_Full	79.19	82.70	/	Pass
CP-OFDM QPSK	3490.02	Outer_Full	79.74	83.60	/	Pass
	3500.01	Outer_Full	80.01	84.17	/	Pass
	3510	Outer_Full	79.83	83.11	/	Pass
CP-OFDM 16 QAM	3490.02	Outer_Full	79.79	83.67	/	Pass
	3500.01	Outer_Full	78.10	83.03	/	Pass
	3510	Outer_Full	77.90	83.09	/	Pass
CP-OFDM 64 QAM	3490.02	Outer_Full	79.72	83.53	/	Pass
	3500.01	Outer_Full	78.80	81.56	/	Pass
	3510	Outer_Full	78.18	83.26	/	Pass
CP-OFDM 256 QAM	3490.02	Outer_Full	79.88	83.13	/	Pass
	3500.01	Outer_Full	77.94	80.80	/	Pass
	3510	Outer_Full	78.01	82.73	/	Pass

3.1.8 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	3495	Outer_Full	89.02	93.70	/	Pass
	3500.01	Outer_Full	87.50	93.11	/	Pass

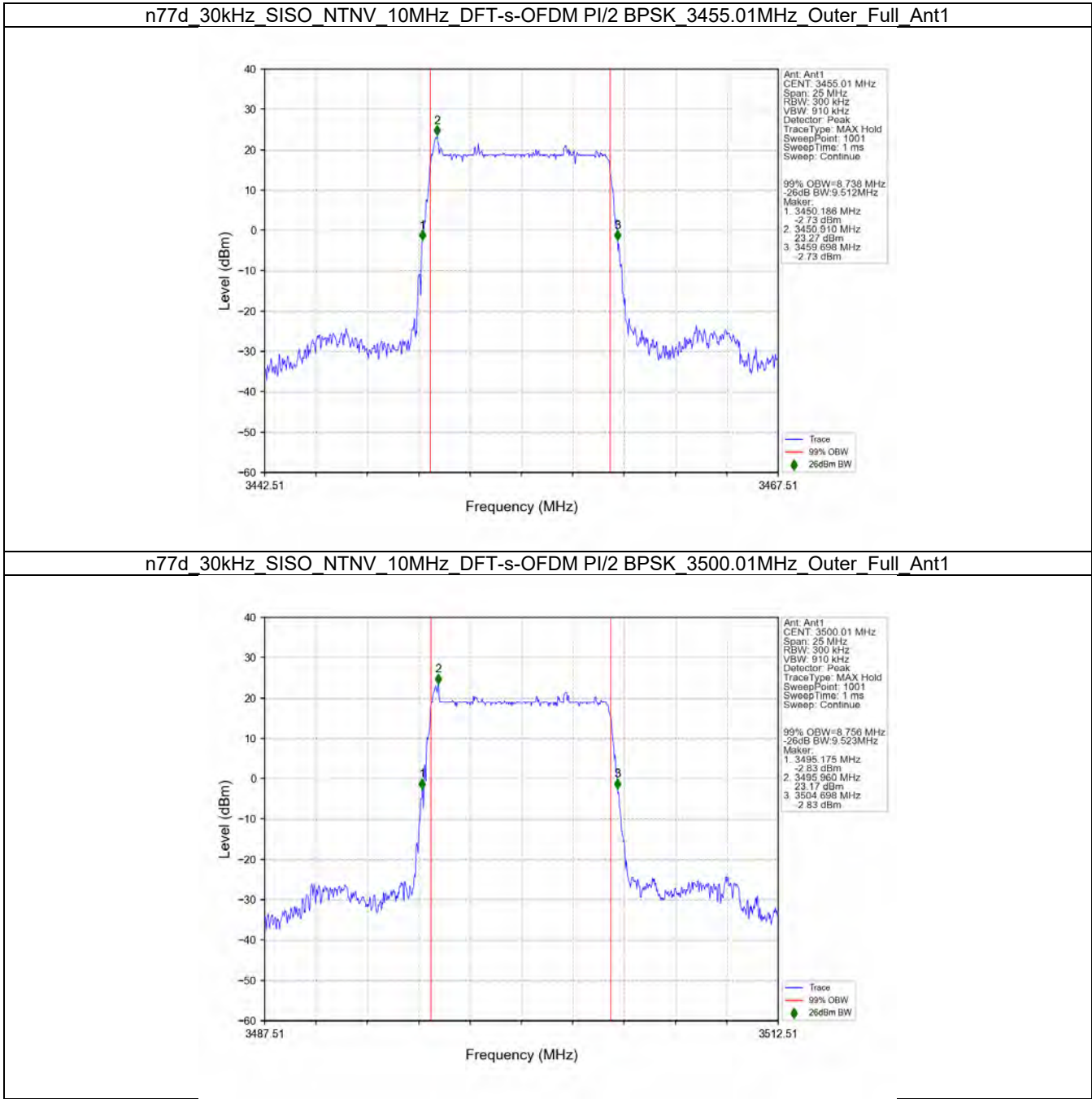
	3504.99	Outer_Full	88.93	93.31	/	Pass
DFT-s-OFDM QPSK	3495	Outer_Full	87.23	93.15	/	Pass
	3500.01	Outer_Full	87.30	93.09	/	Pass
	3504.99	Outer_Full	86.96	93.29	/	Pass
	3495	Outer_Full	87.32	94.37	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	87.19	92.98	/	Pass
	3504.99	Outer_Full	89.18	93.19	/	Pass
	3495	Outer_Full	89.24	93.48	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	87.80	91.52	/	Pass
	3504.99	Outer_Full	87.15	93.12	/	Pass
	3495	Outer_Full	87.07	92.86	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	89.52	93.29	/	Pass
	3504.99	Outer_Full	87.42	93.18	/	Pass
	3495	Outer_Full	88.33	92.04	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	89.92	94.03	/	Pass
	3504.99	Outer_Full	87.89	95.02	/	Pass
	3495	Outer_Full	90.24	93.67	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	88.00	94.06	/	Pass
	3504.99	Outer_Full	88.94	94.80	/	Pass
	3495	Outer_Full	88.28	93.77	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	88.15	93.52	/	Pass
	3504.99	Outer_Full	88.11	93.64	/	Pass
	3495	Outer_Full	87.93	93.70	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	87.86	93.58	/	Pass
	3504.99	Outer_Full	87.91	93.04	/	Pass

3.1.9 30k_SISO_100MHz_NTNV

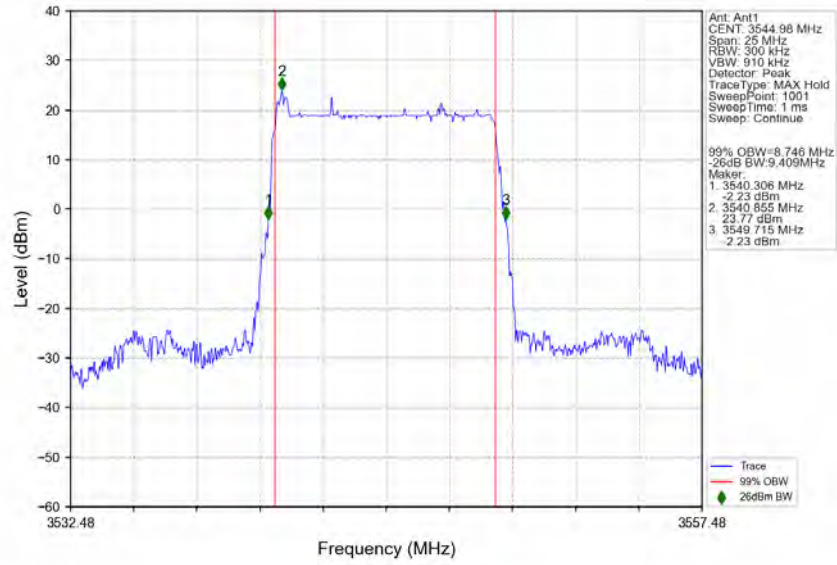
5G NR n77d SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	96.82	103.10	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	96.93	104.56	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	97.28	104.60	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	99.34	102.93	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	96.53	103.66	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	98.13	104.65	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	98.34	105.95	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	100.52	105.47	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	100.47	104.21	/	Pass

3.2 Test Graph

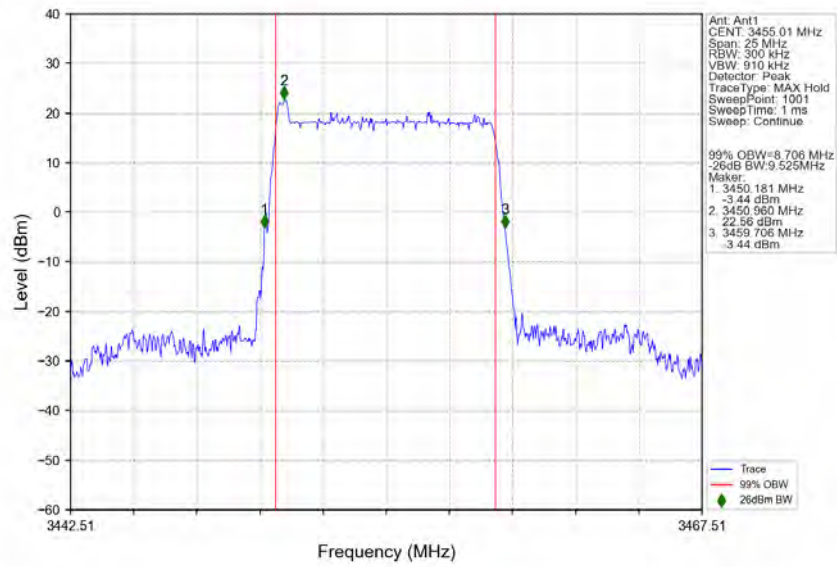
3.2.1 30k_SISO_10MHz_NTNV



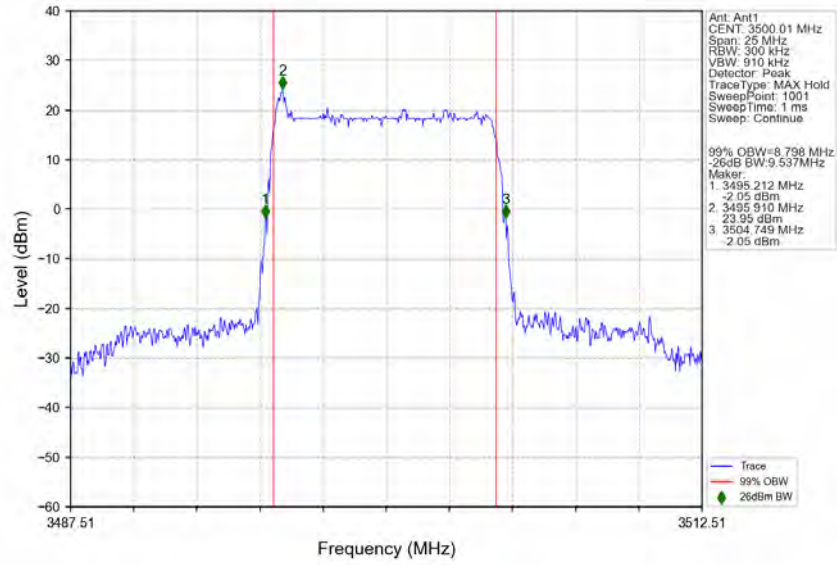
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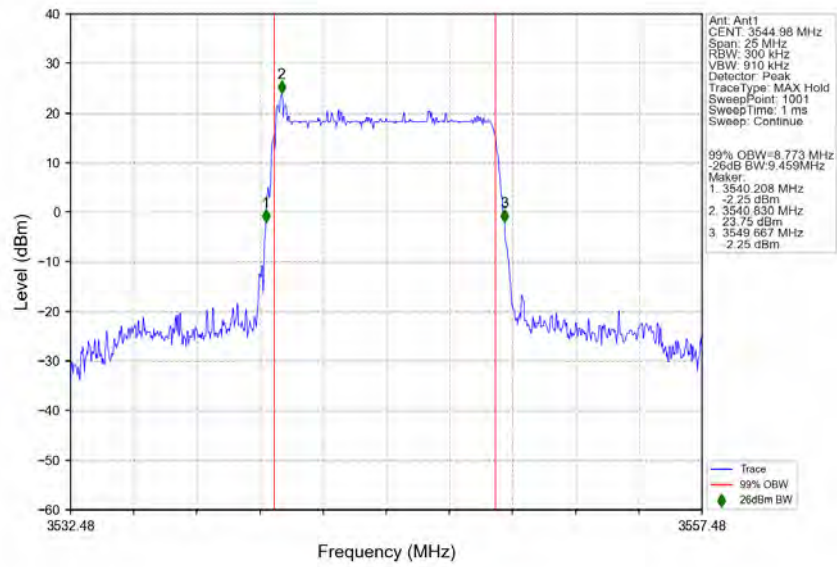
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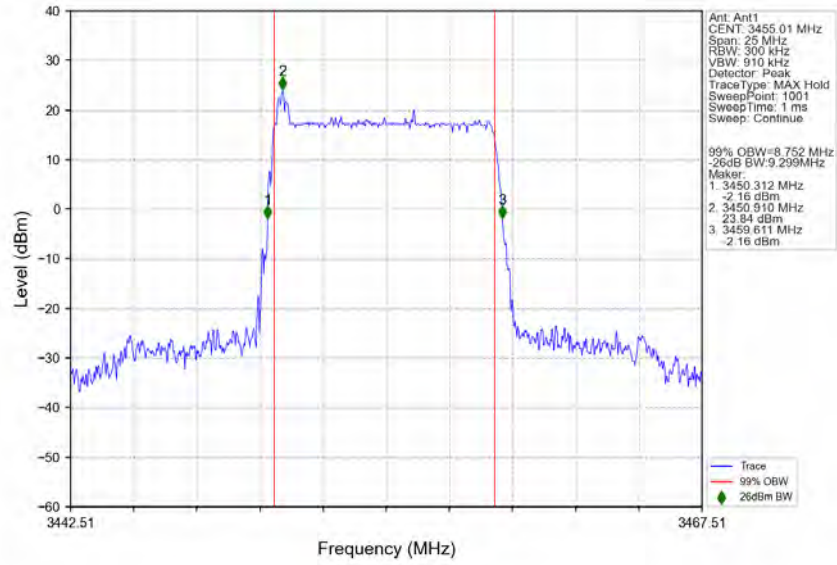
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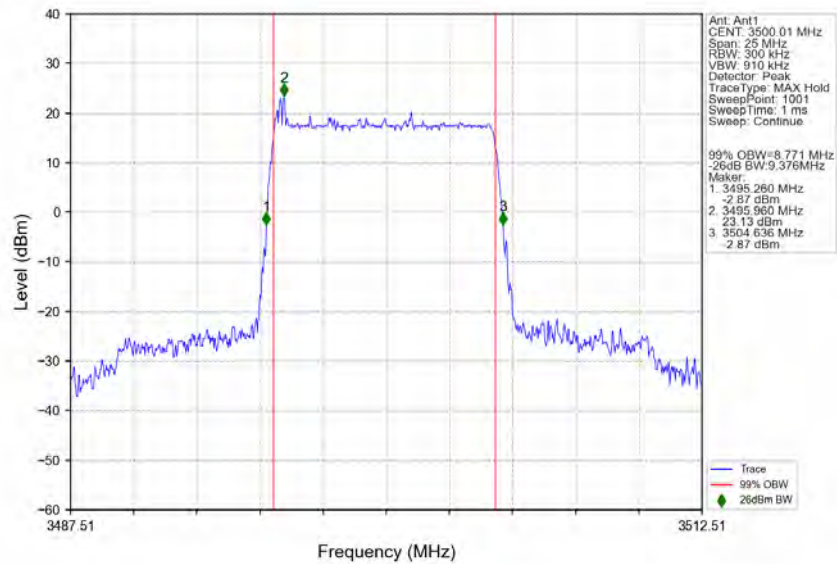
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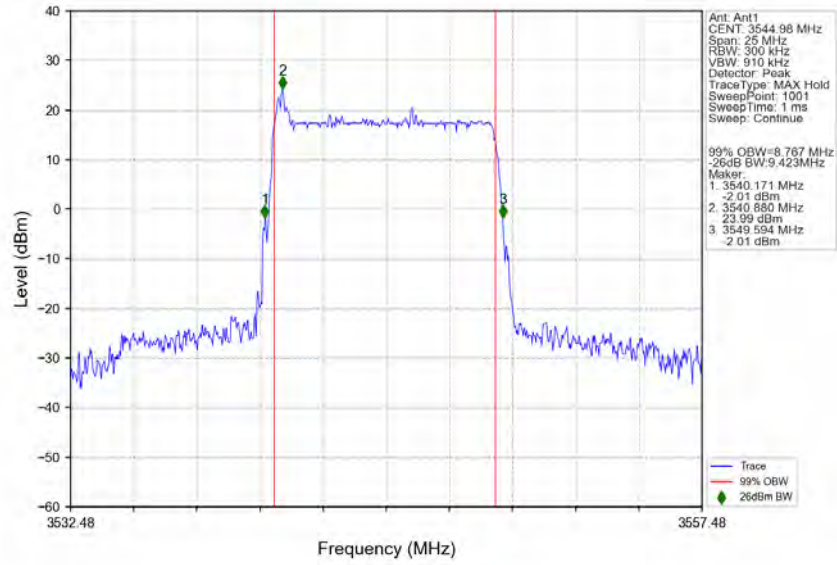
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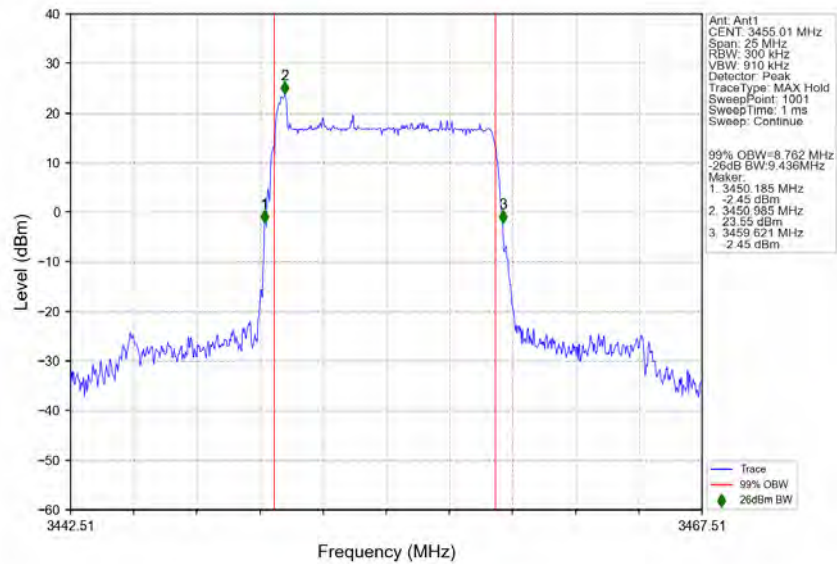
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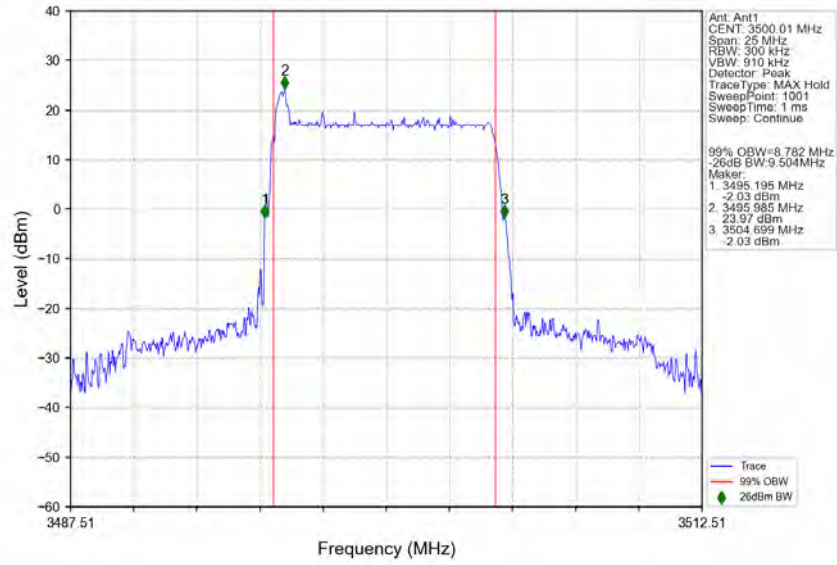
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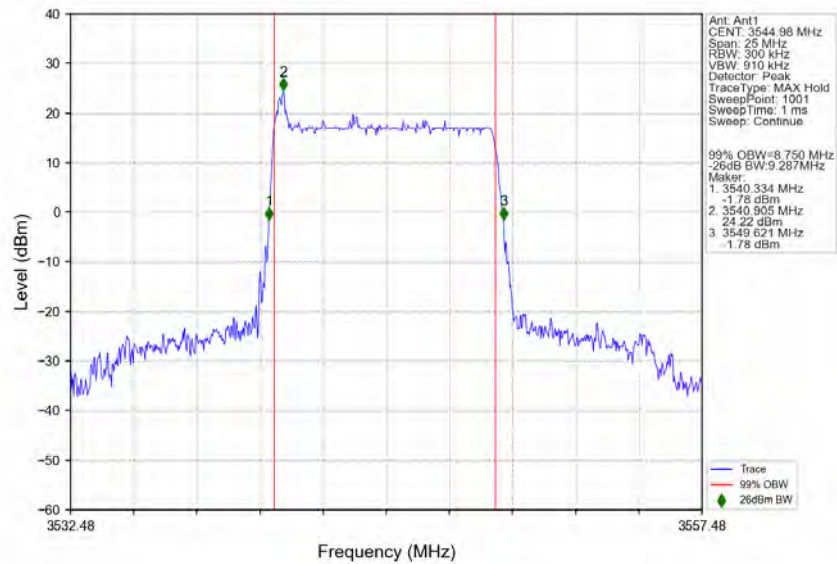
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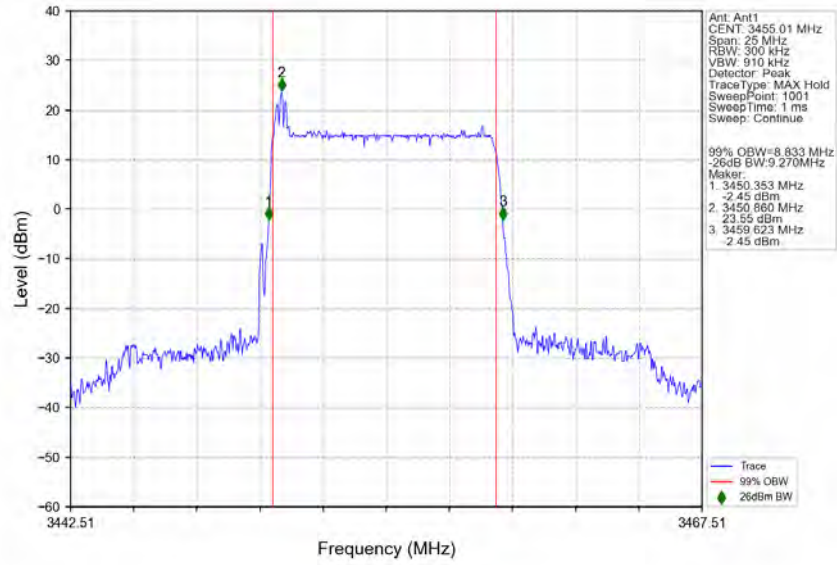
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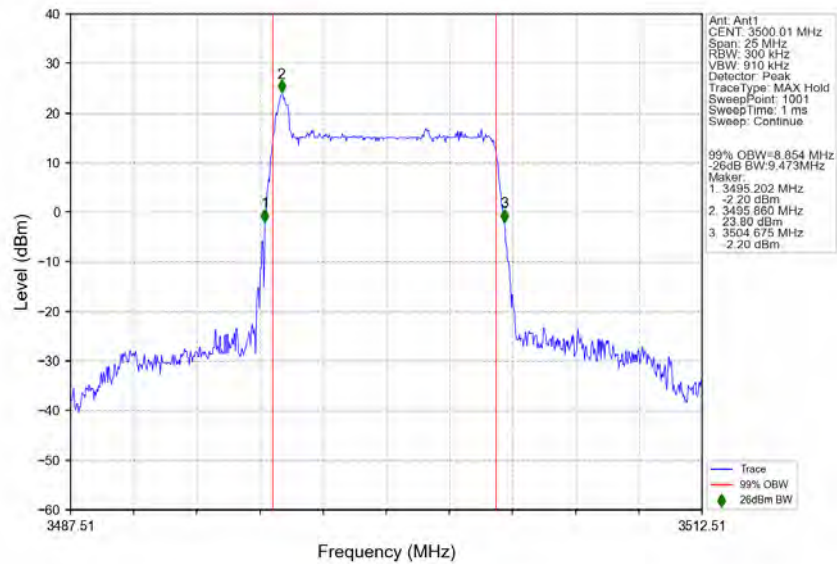
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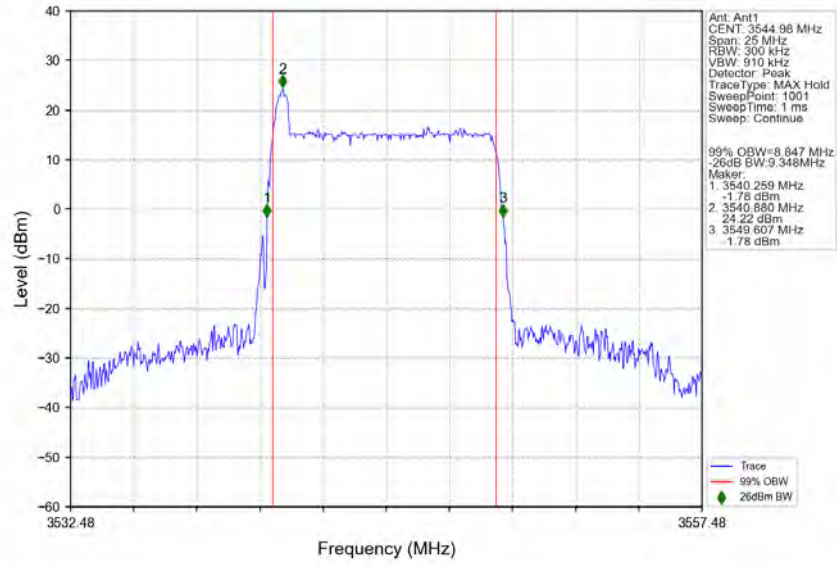
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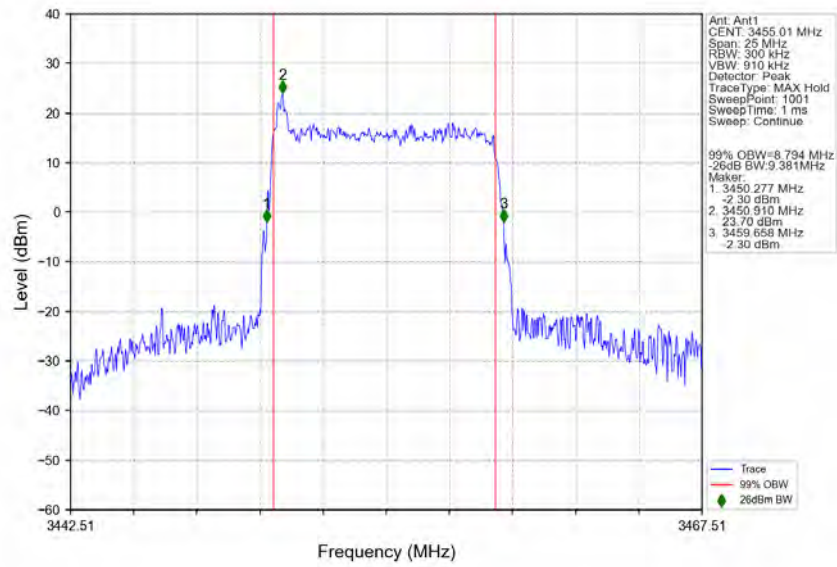
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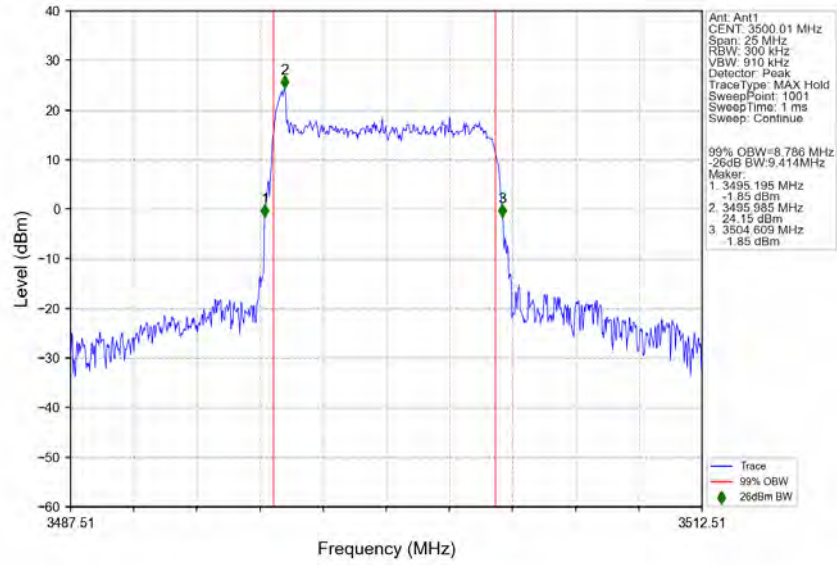
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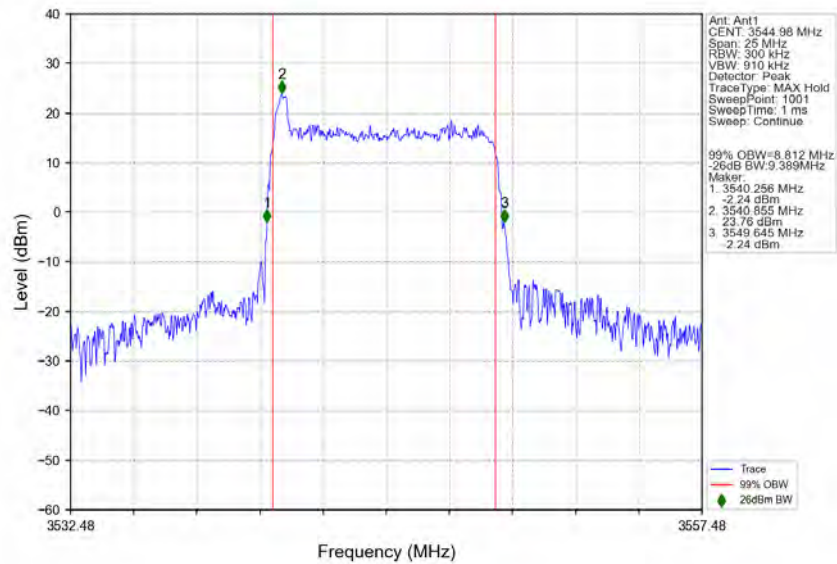
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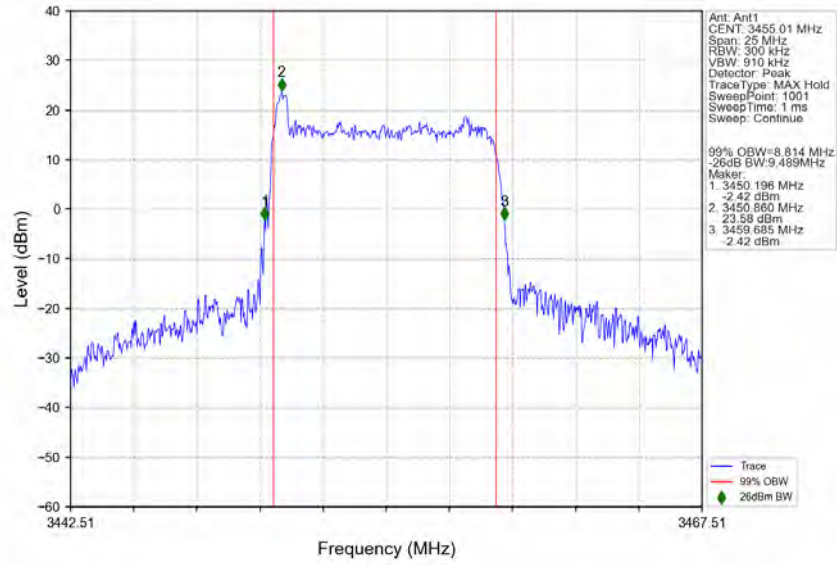
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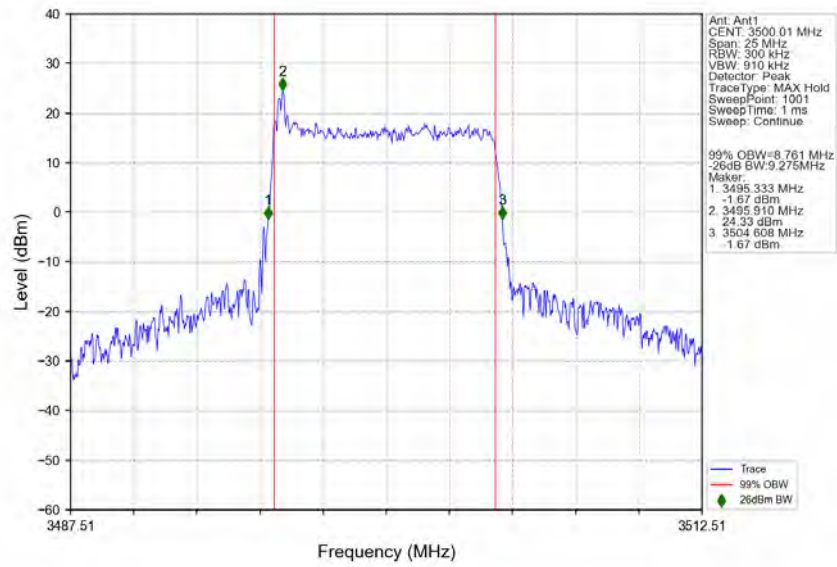
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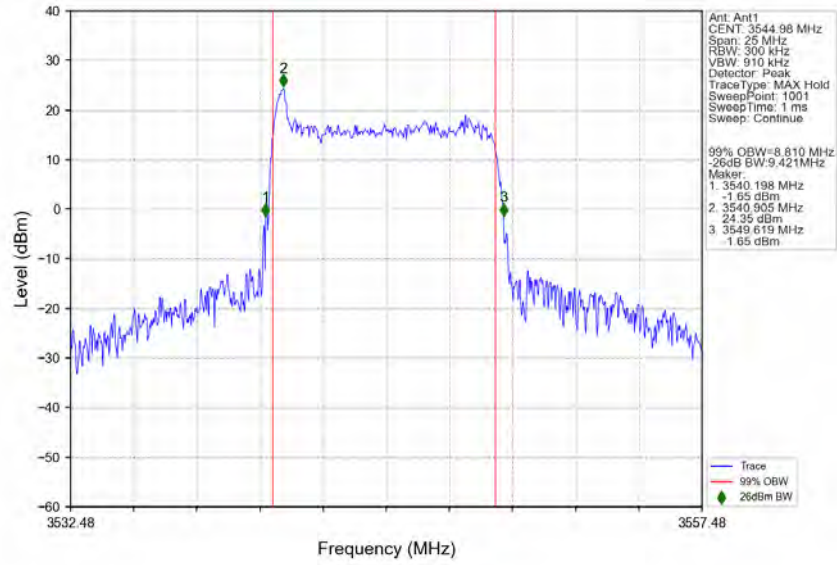
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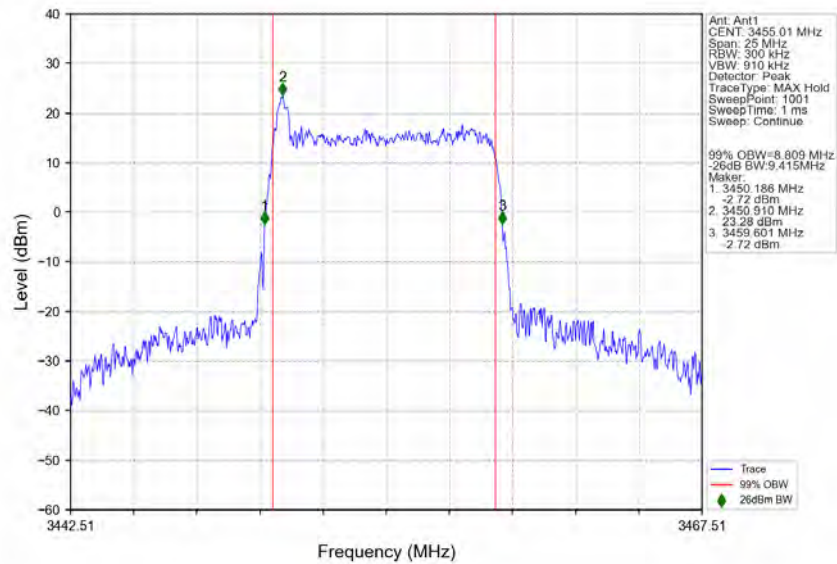
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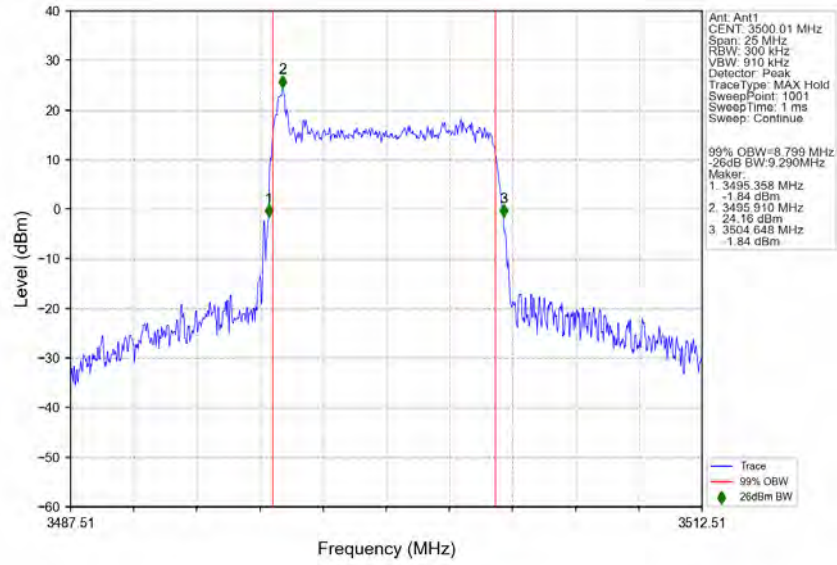
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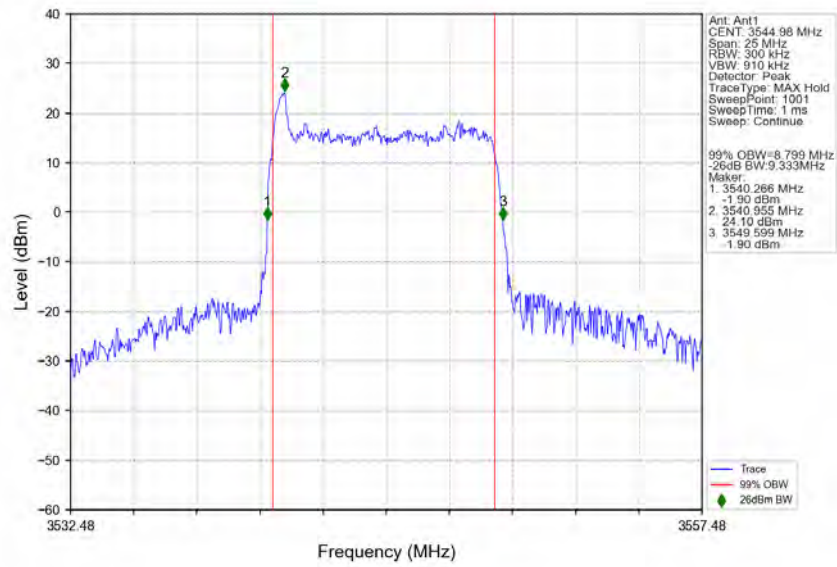
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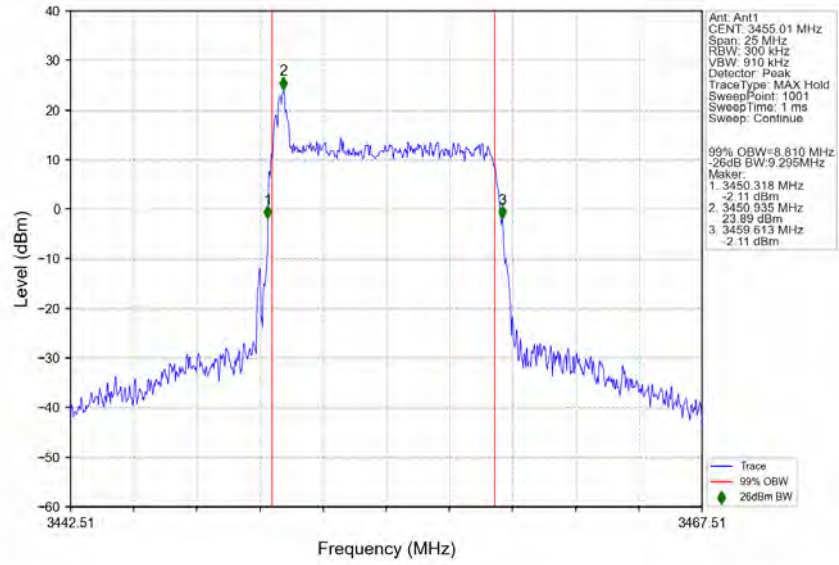
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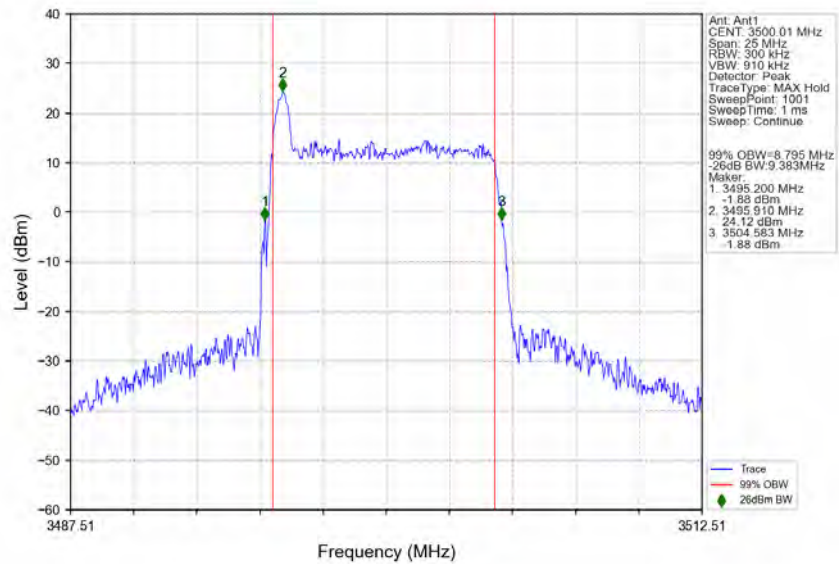
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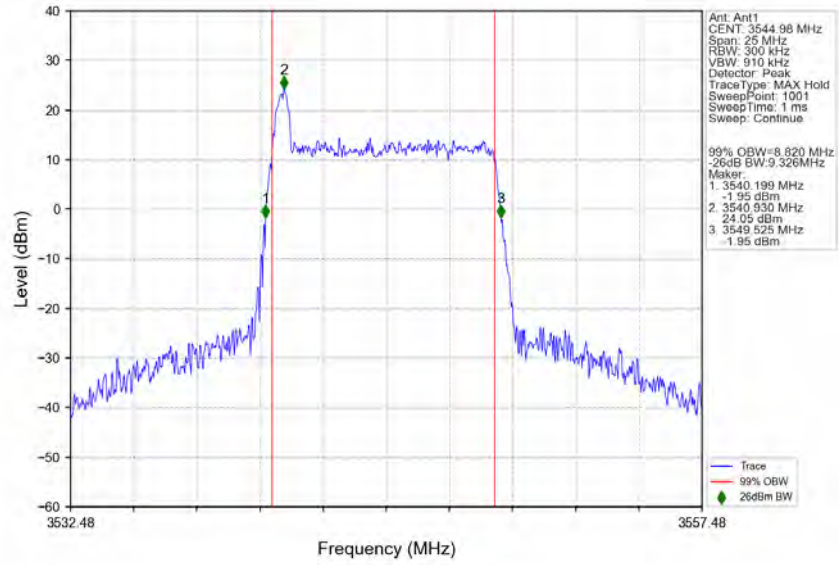
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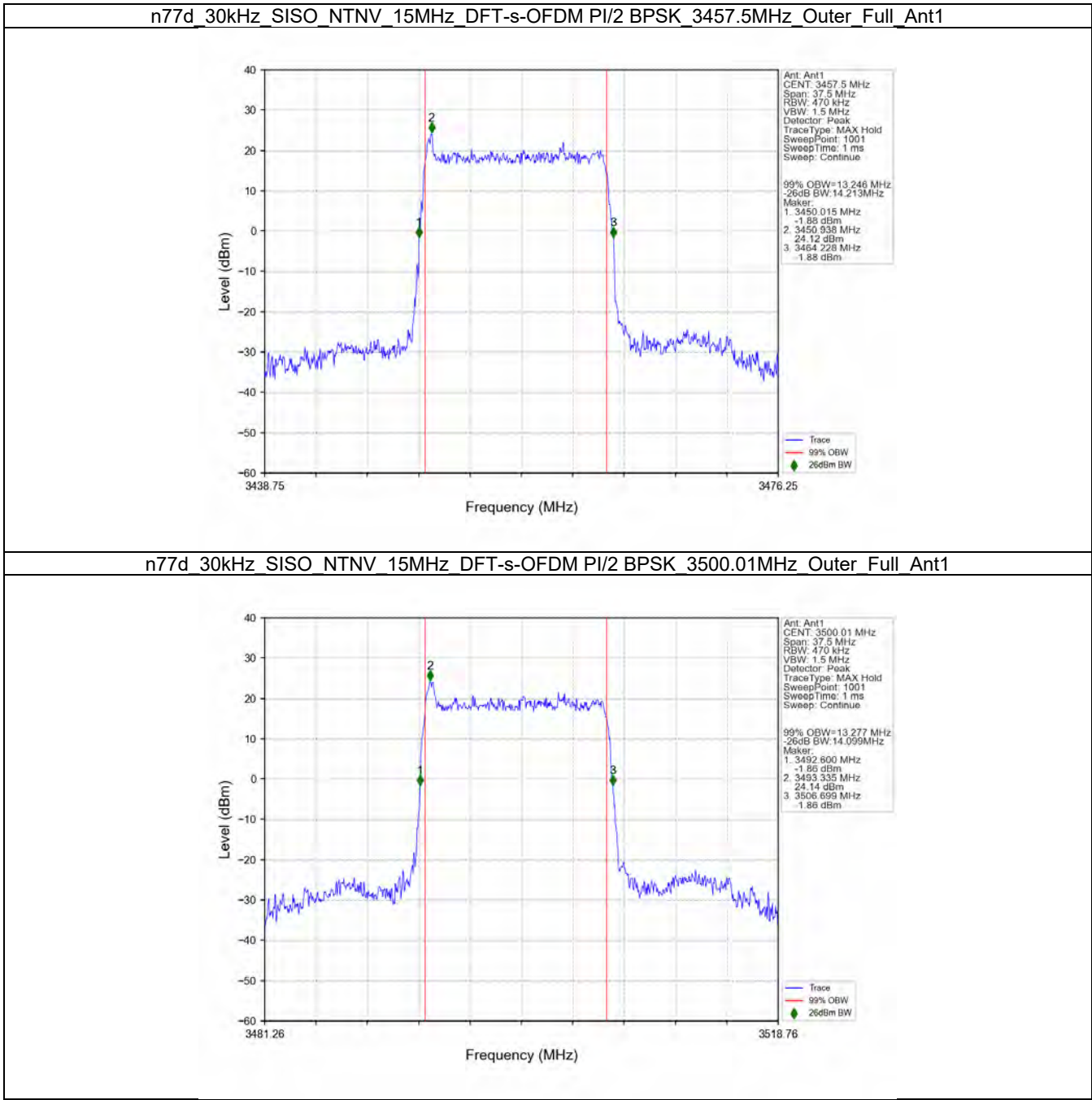
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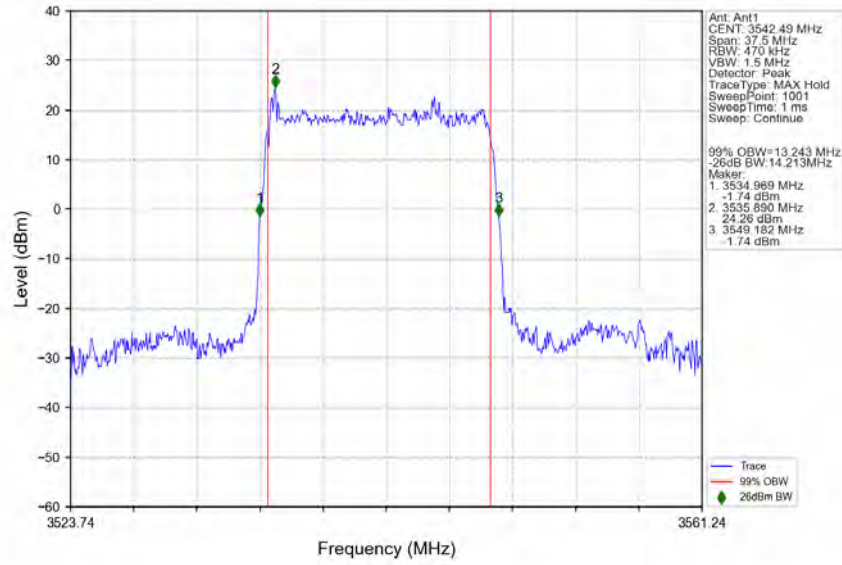
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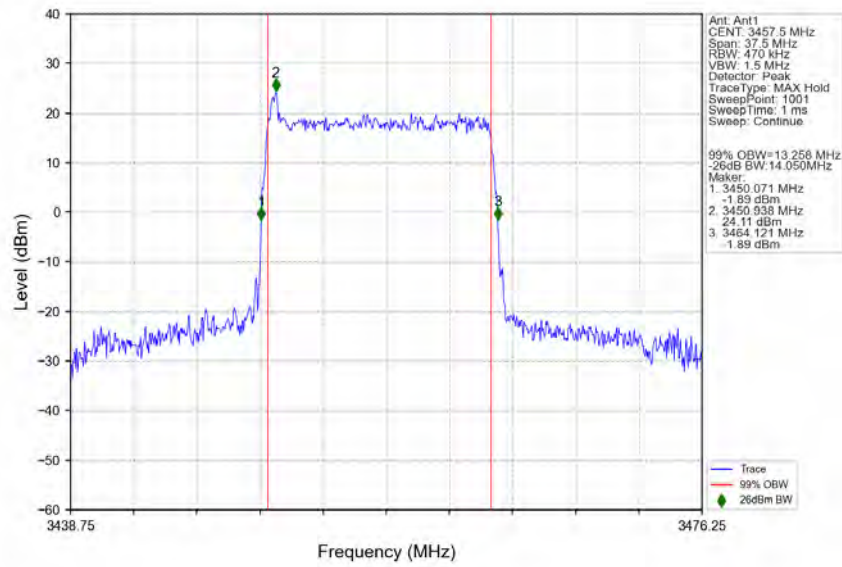
3.2.2 30k_SISO_15MHz_NTNV



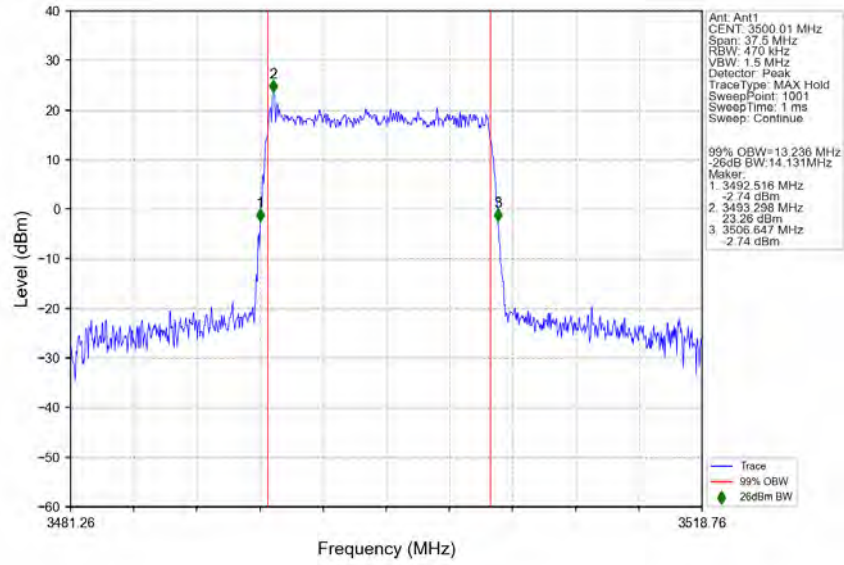
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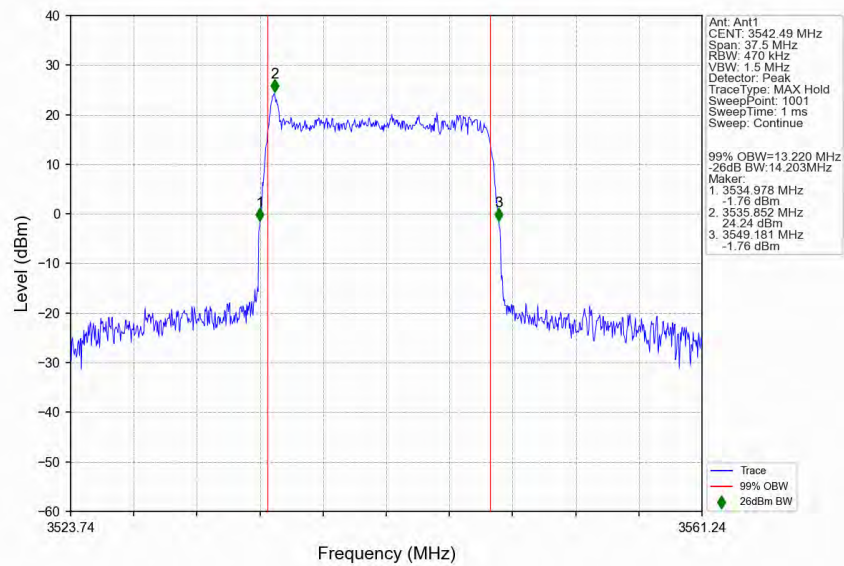
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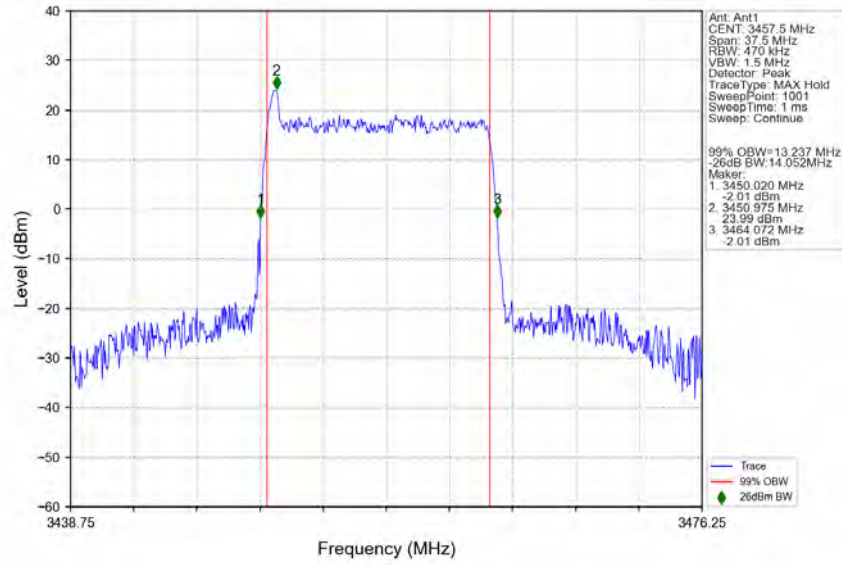
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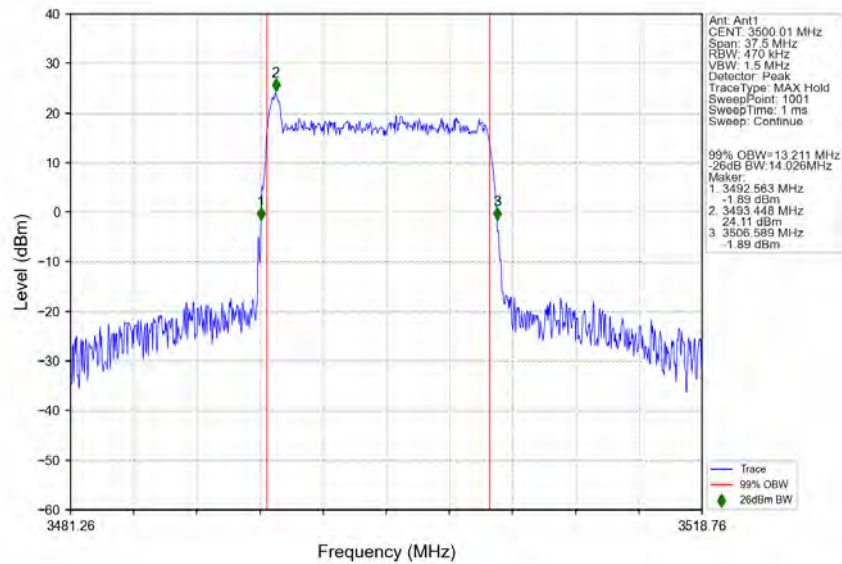
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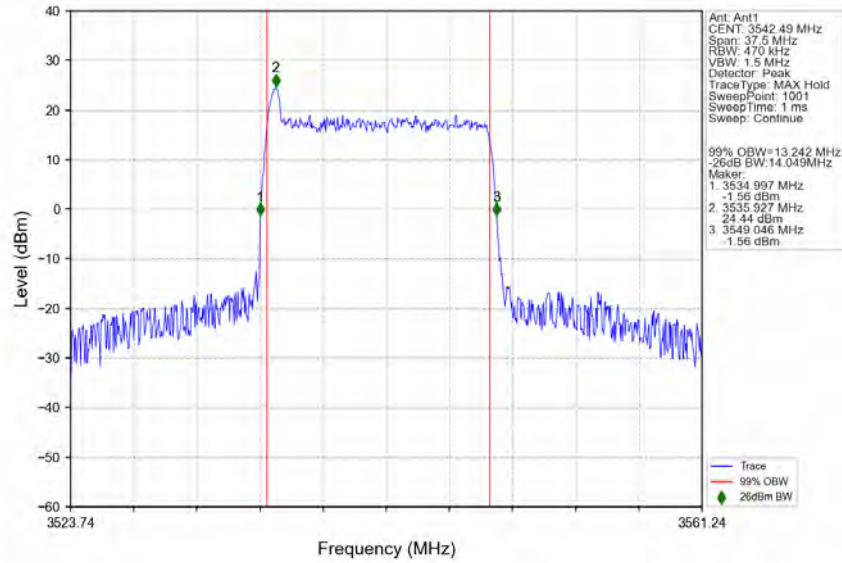
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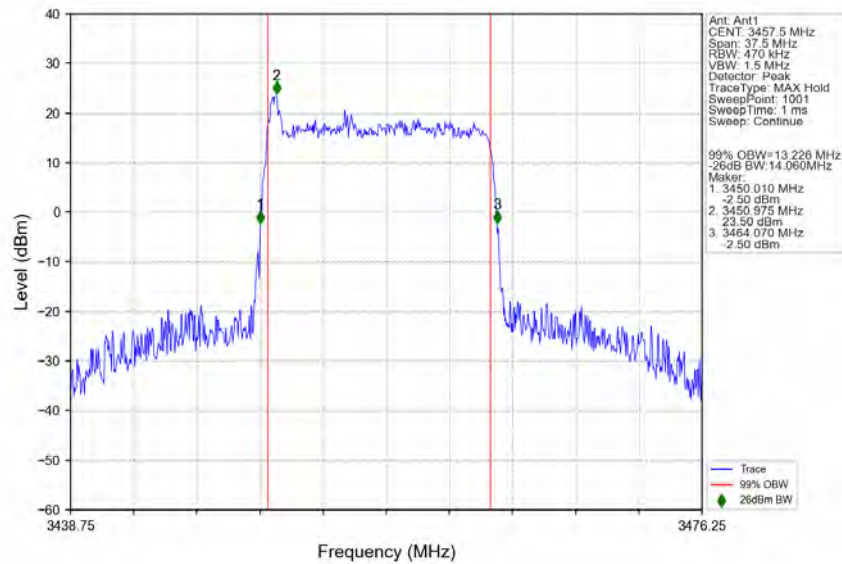
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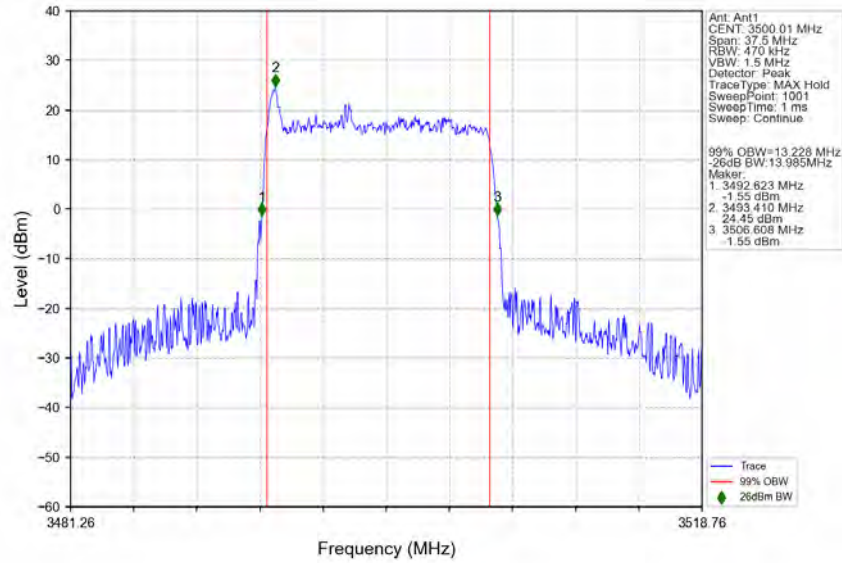
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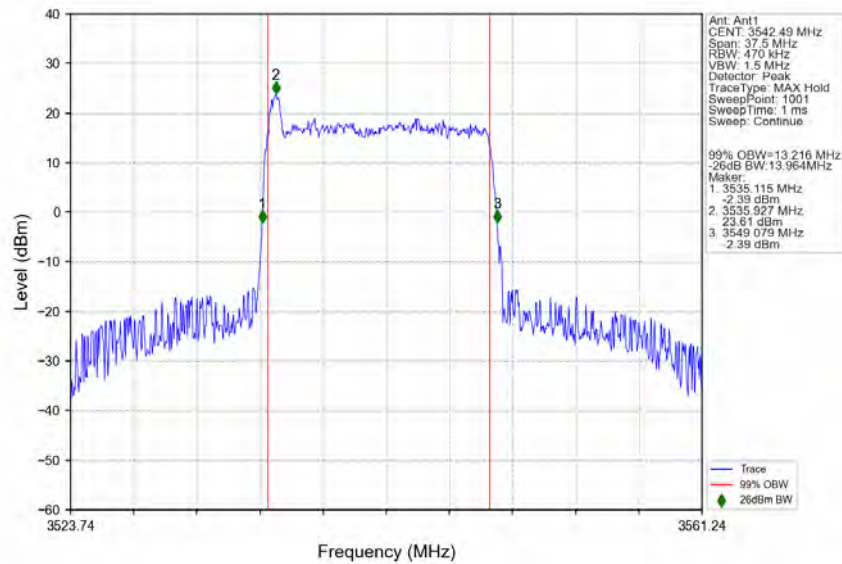
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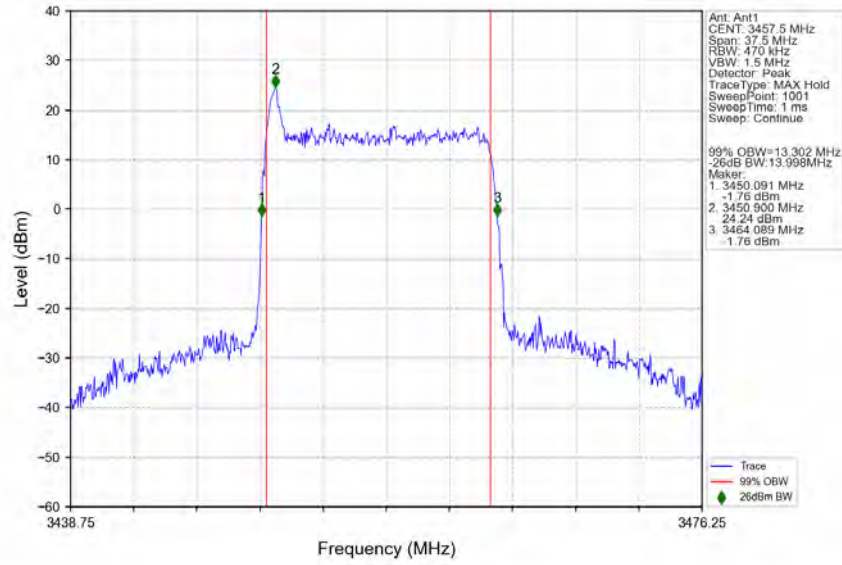
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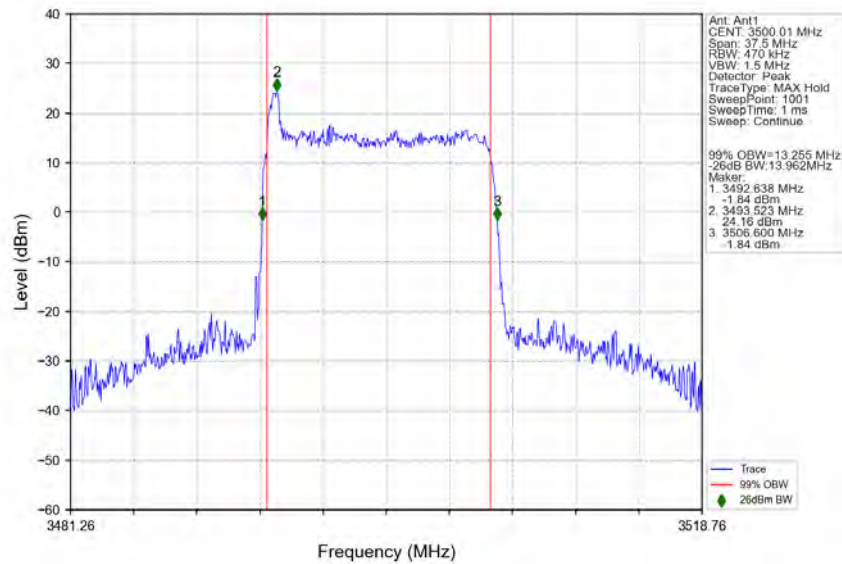
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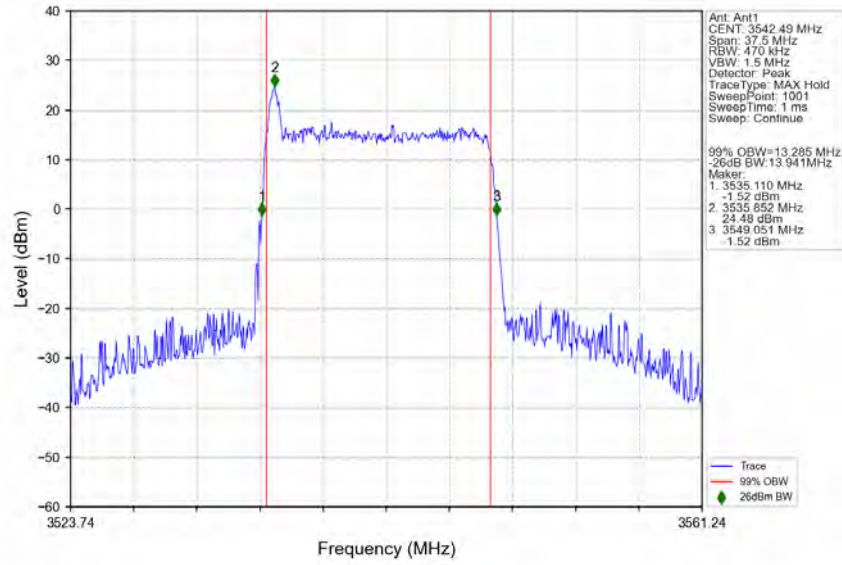
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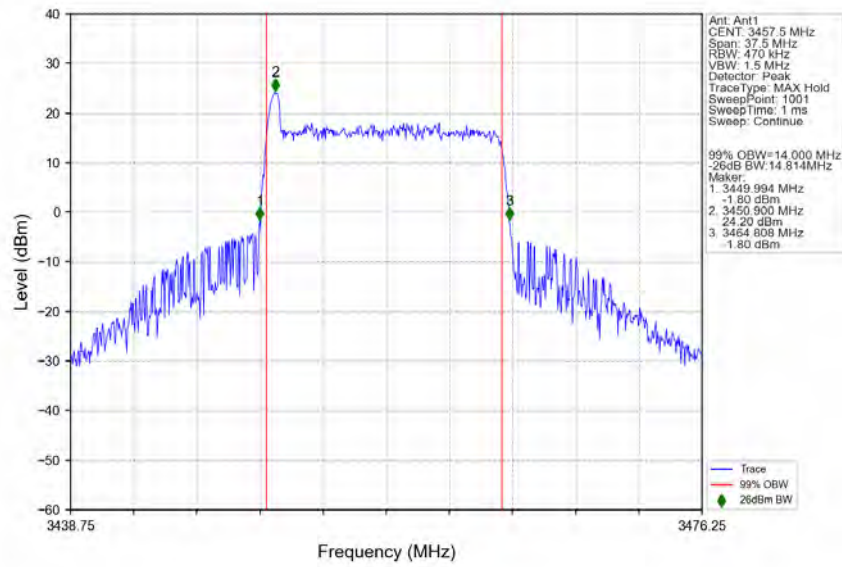
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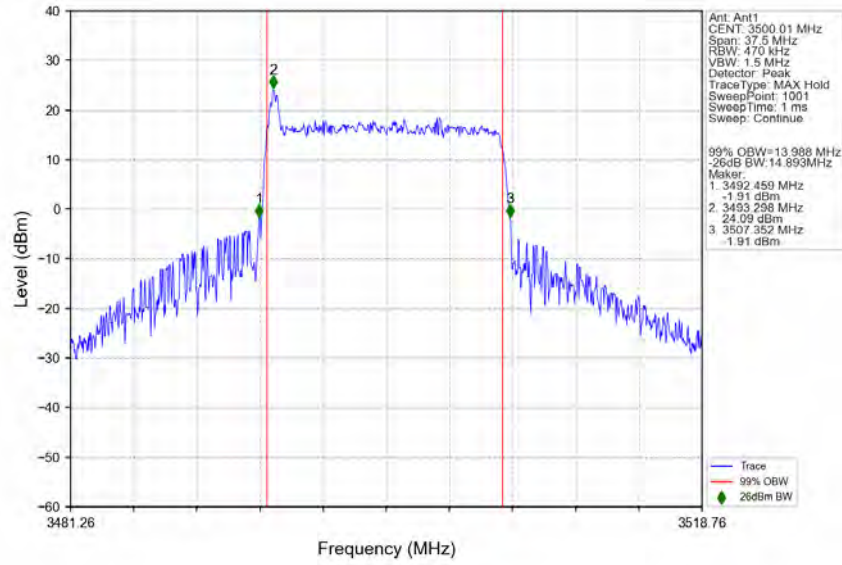
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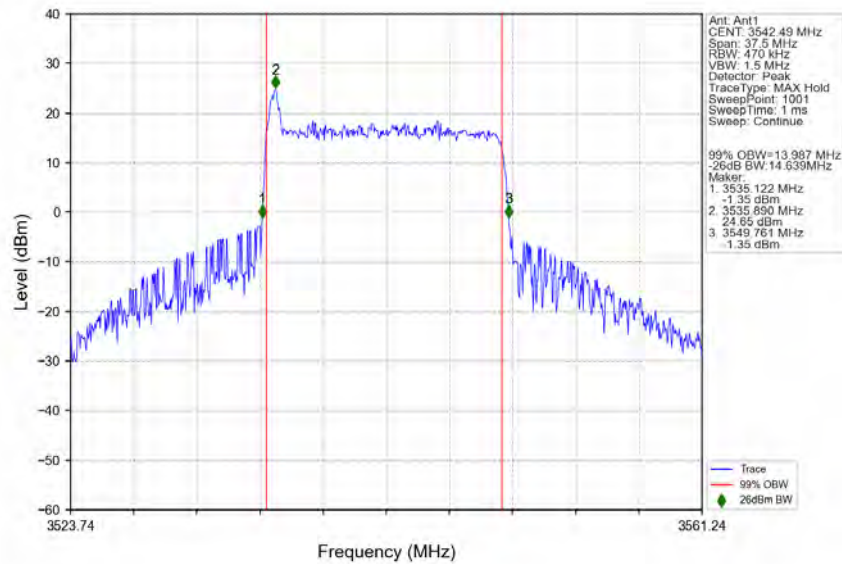
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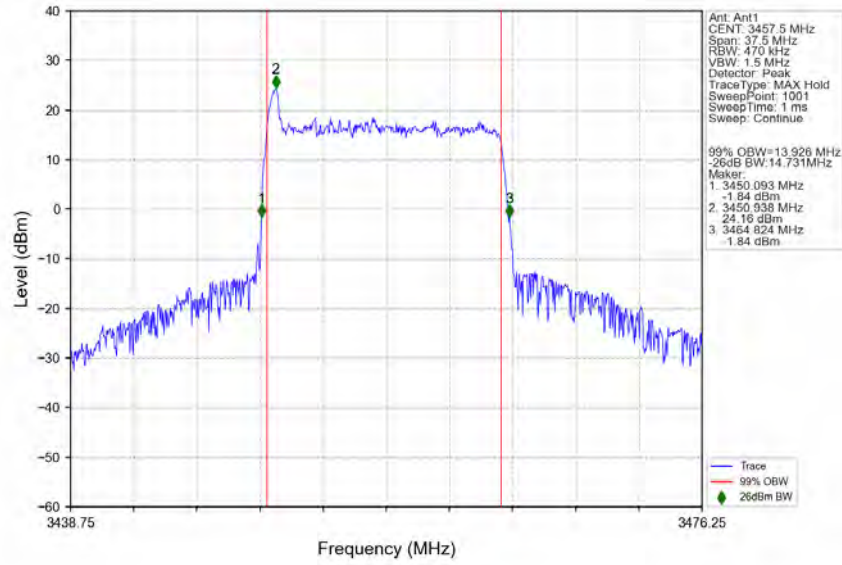
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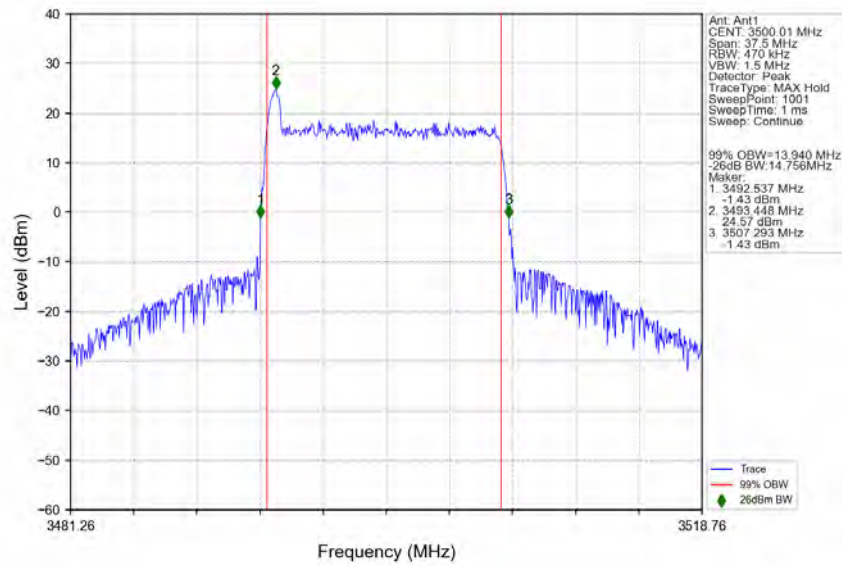
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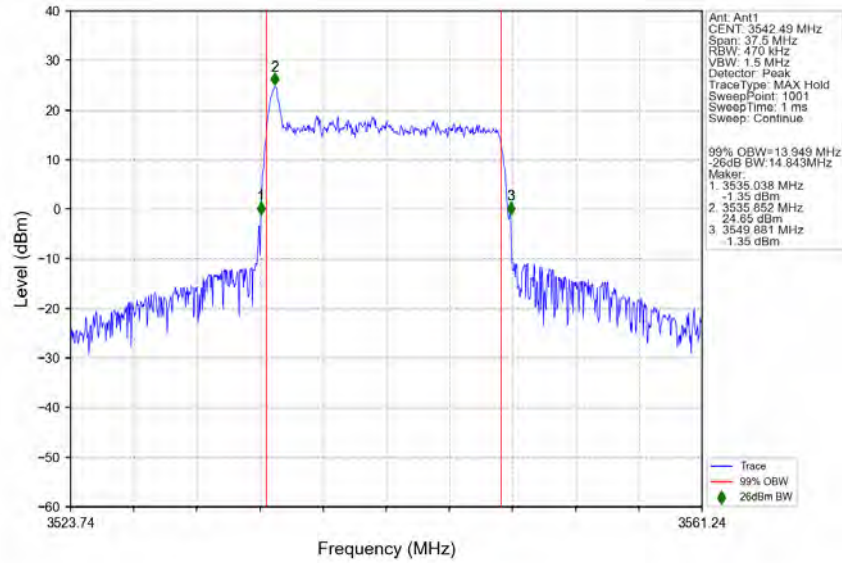
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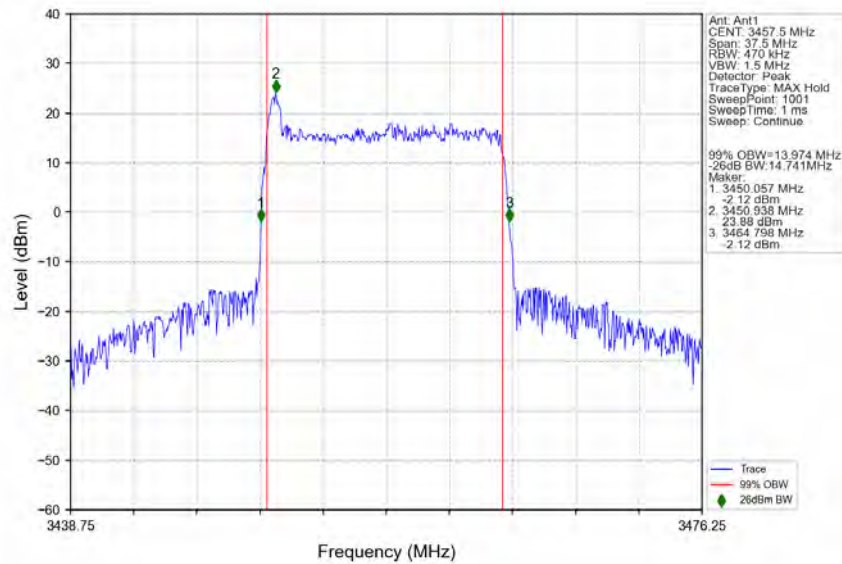
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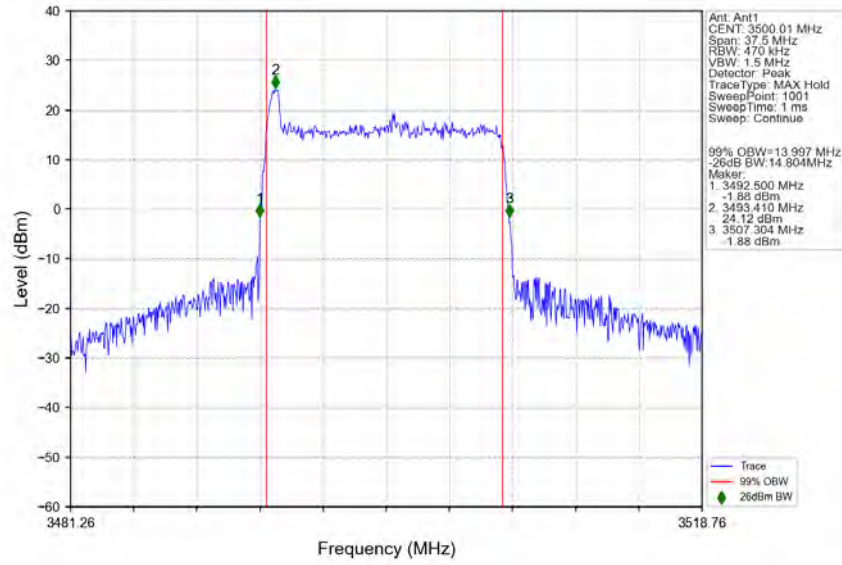
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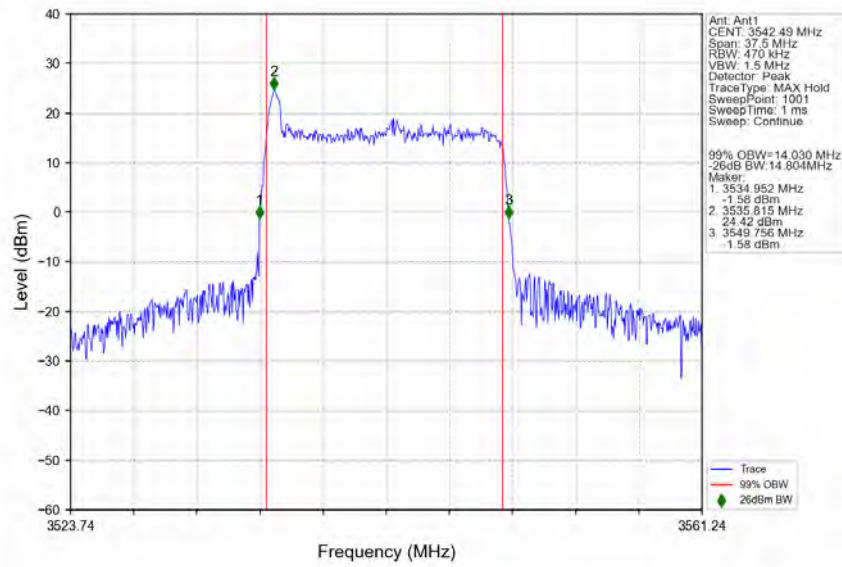
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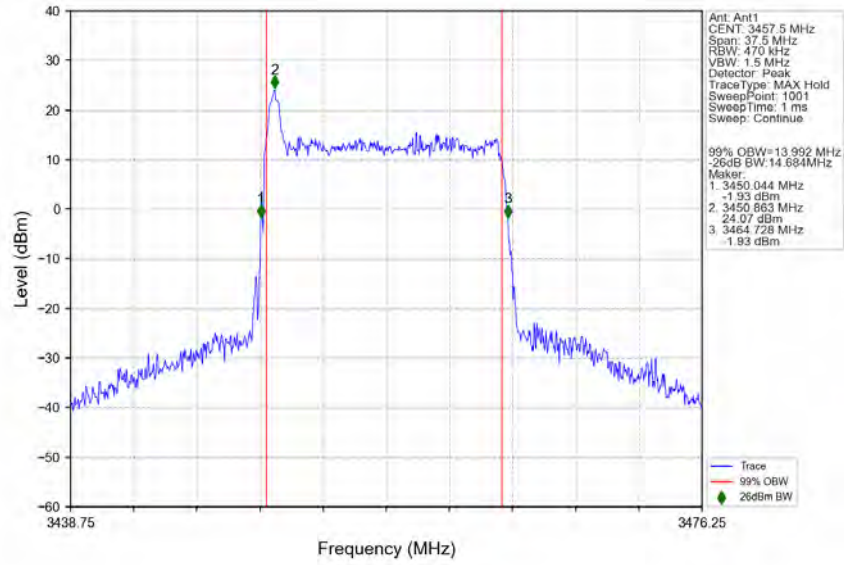
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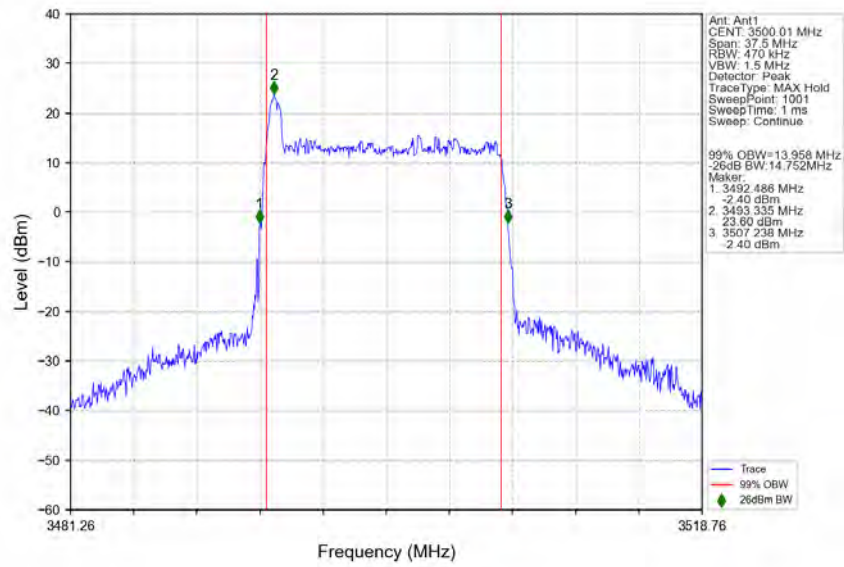
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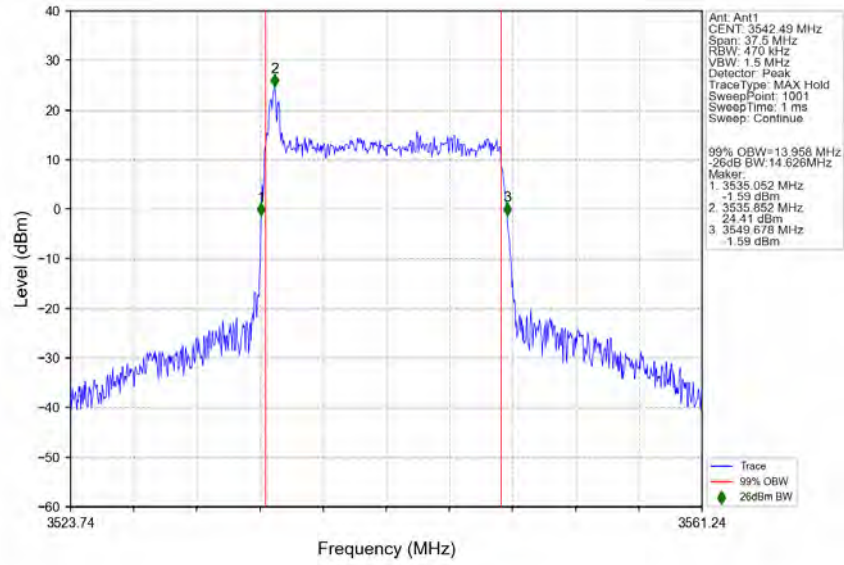
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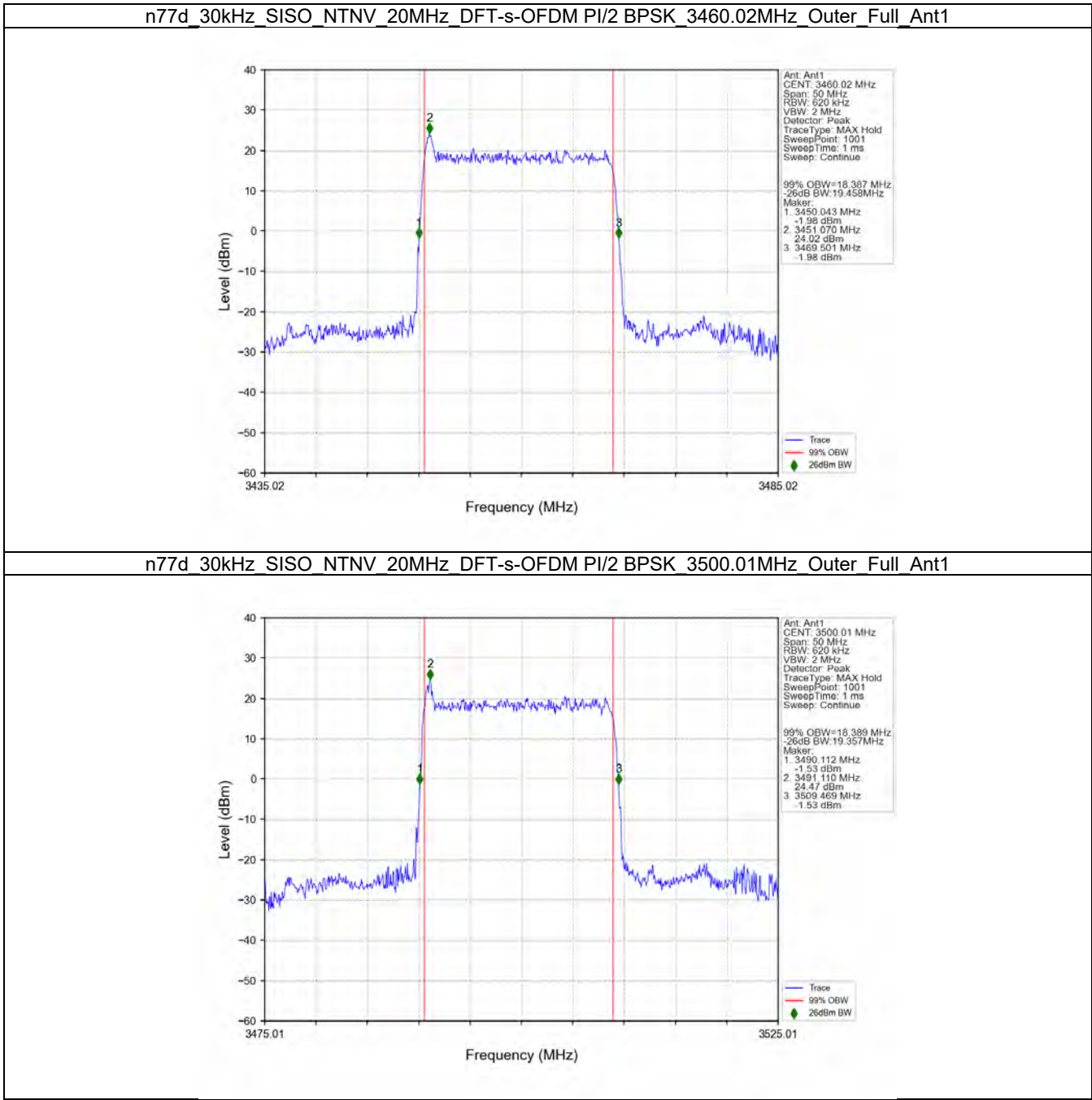
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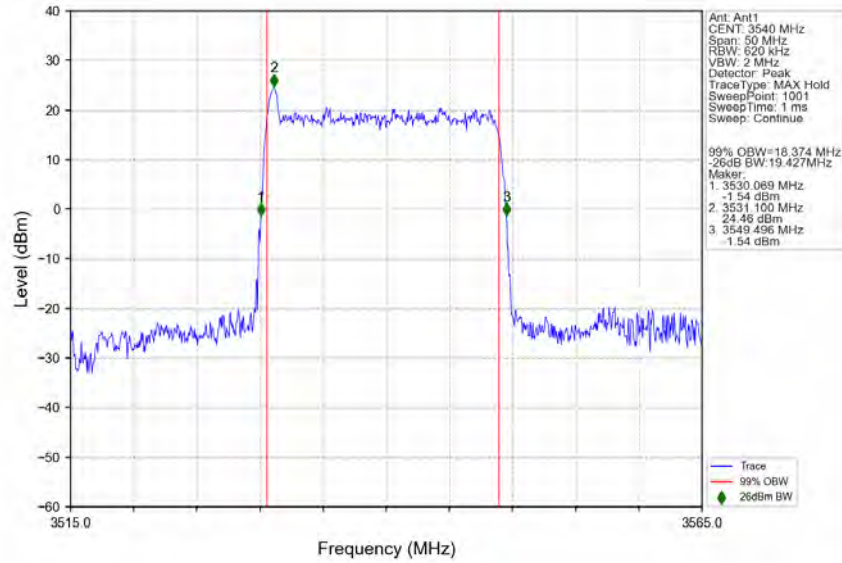
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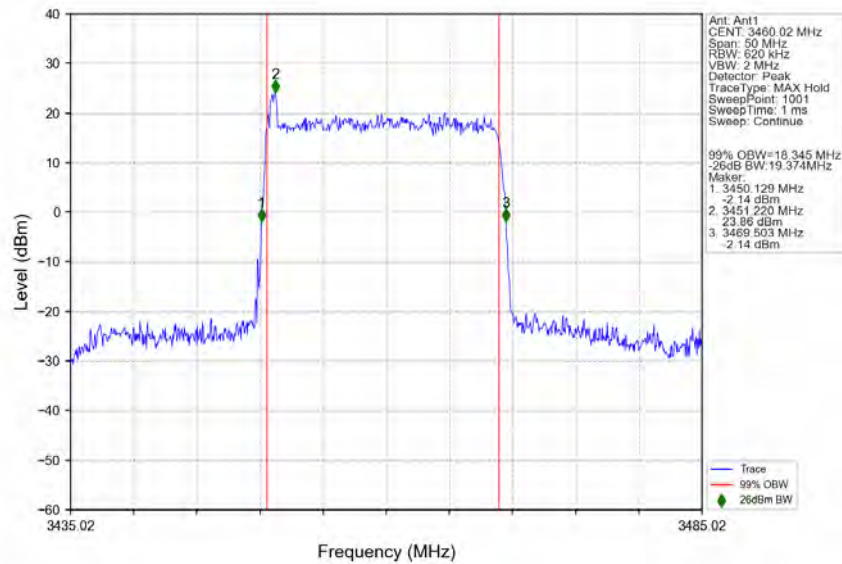
3.2.3 30k_SISO_20MHz_NTNV



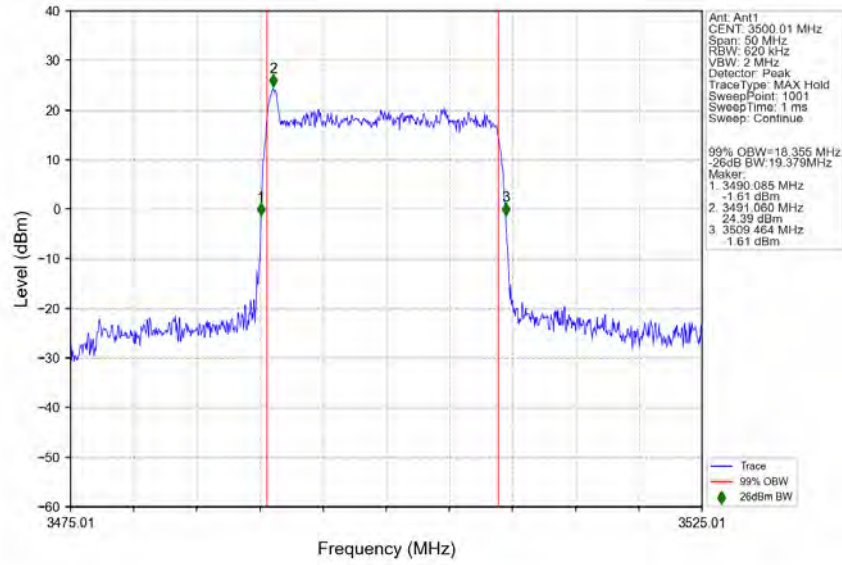
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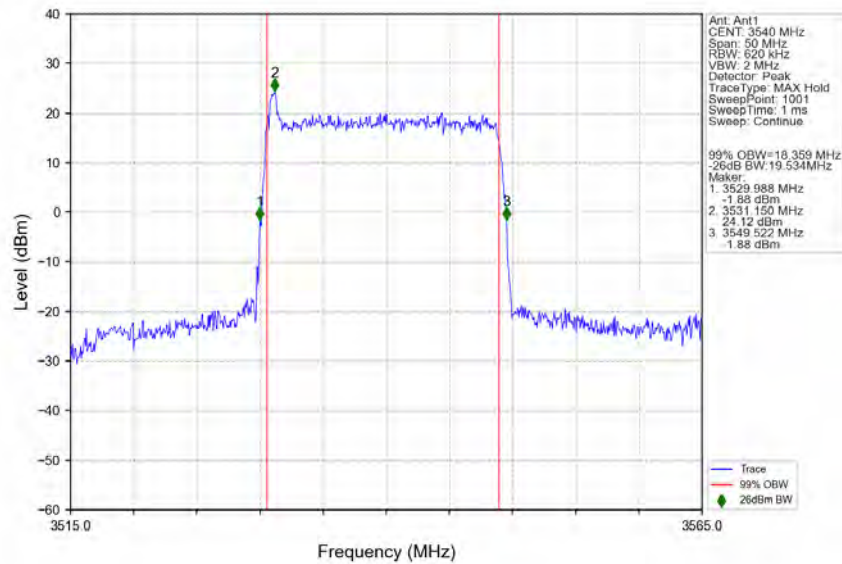
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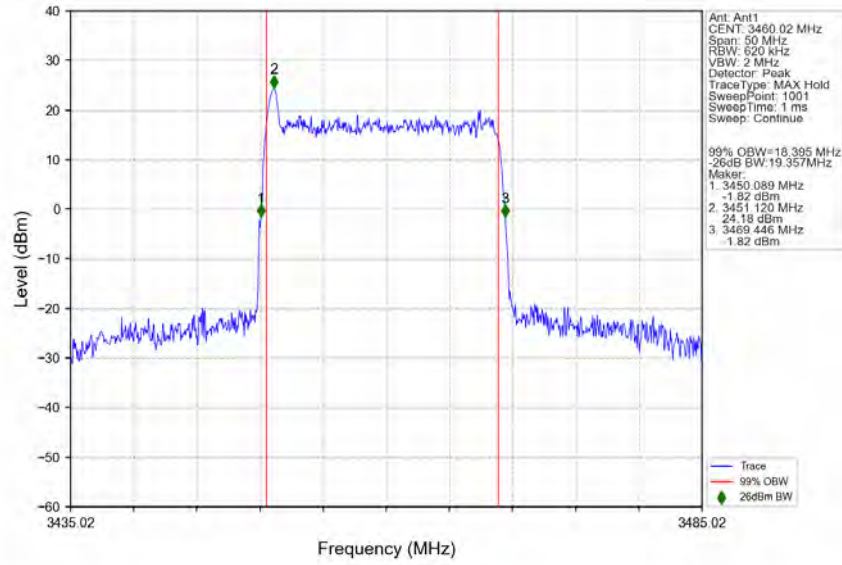
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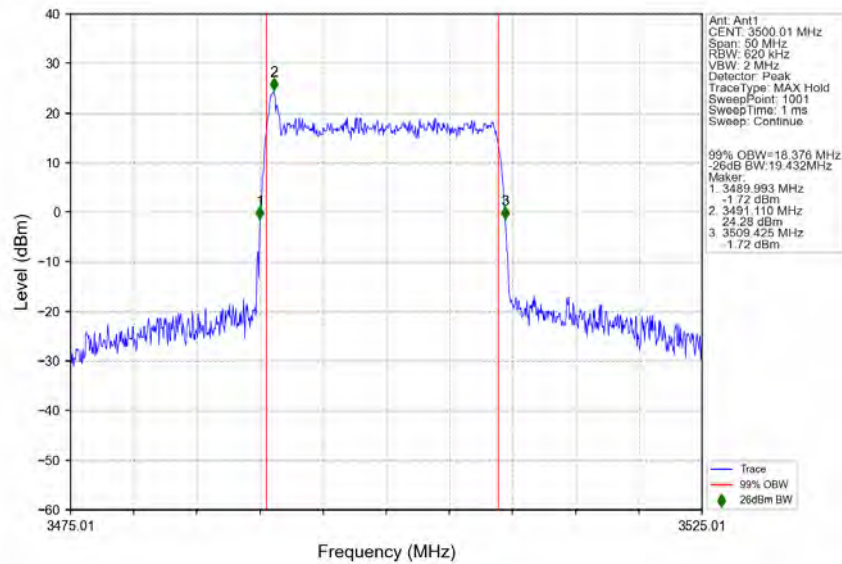
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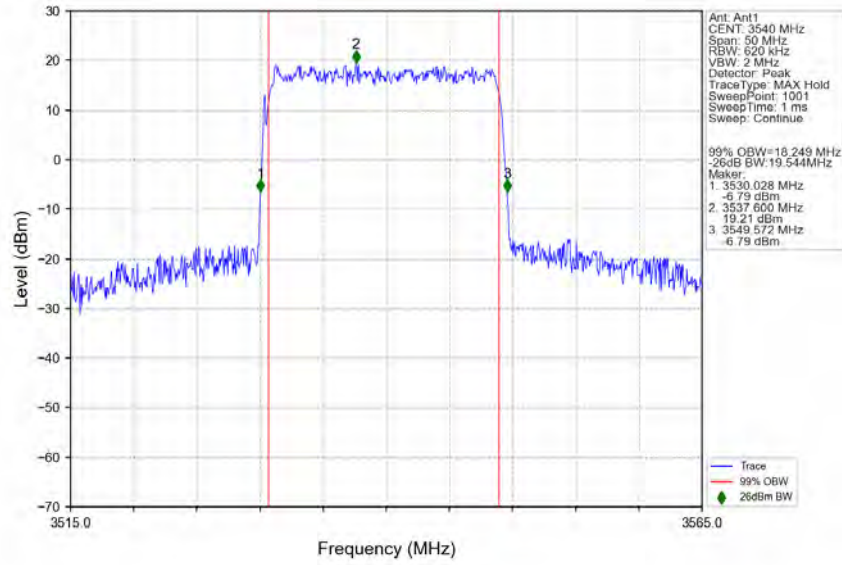
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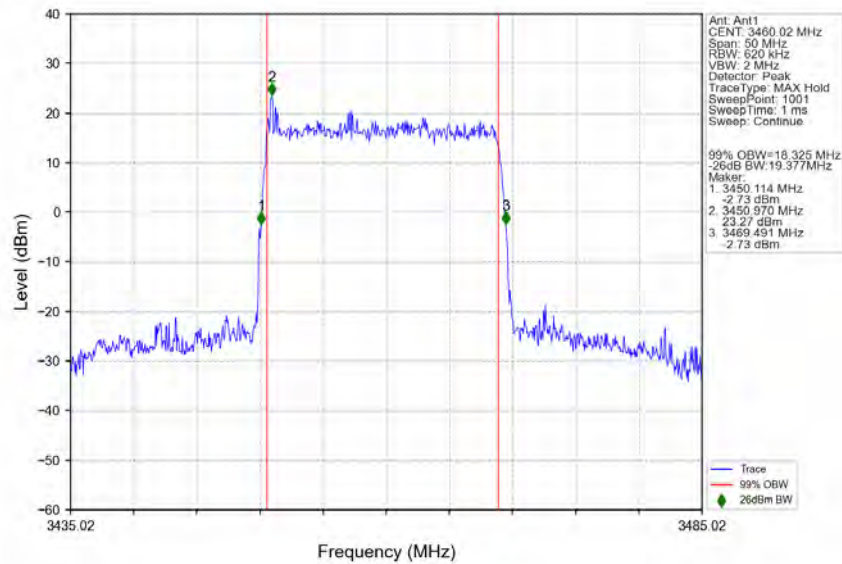
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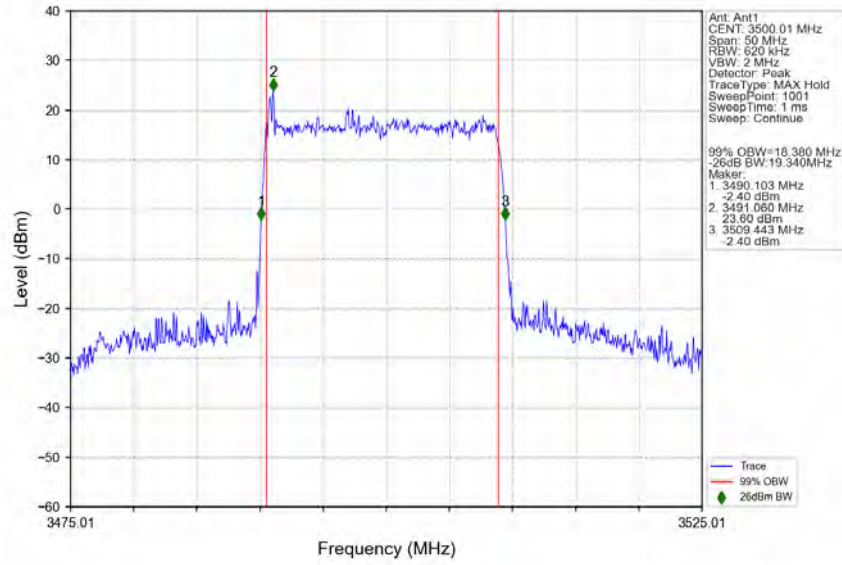
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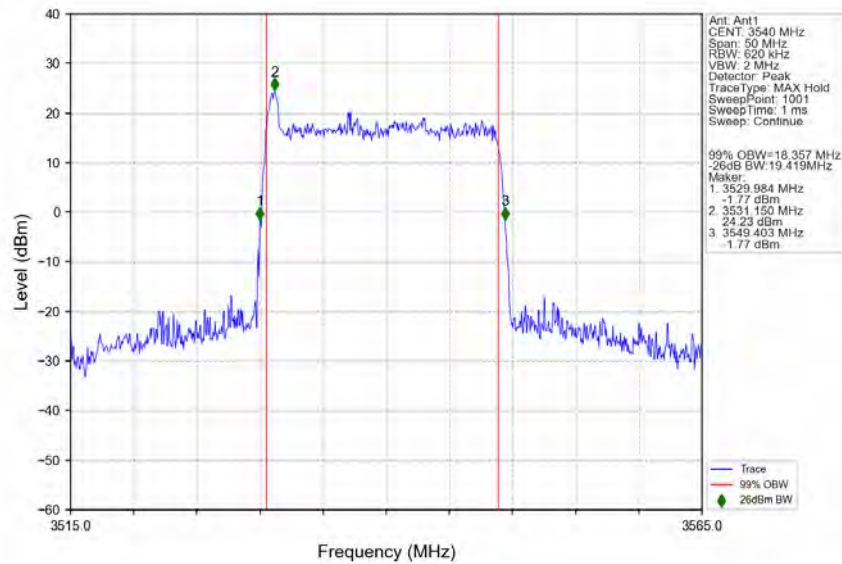
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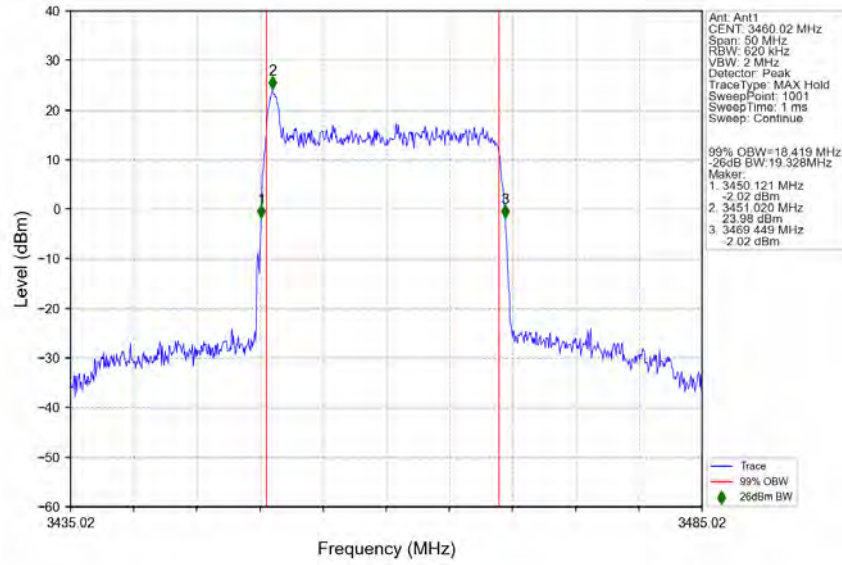
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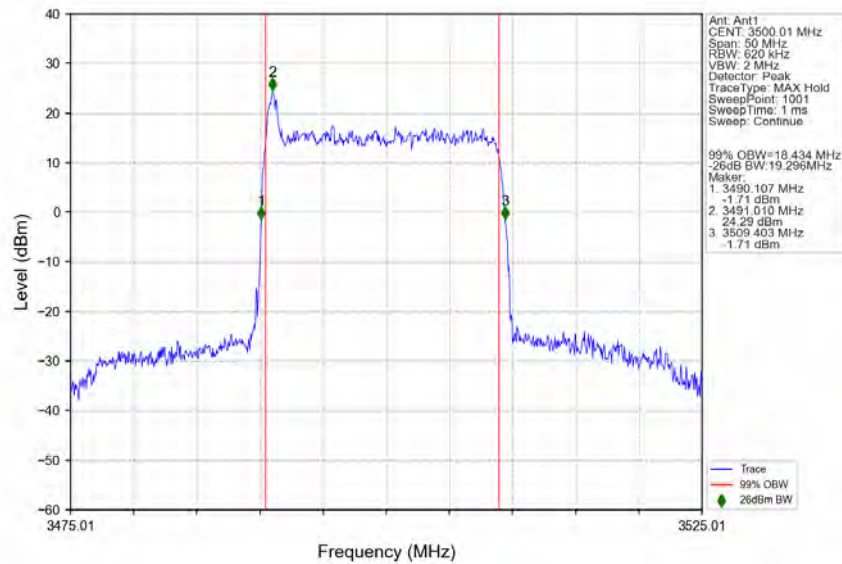
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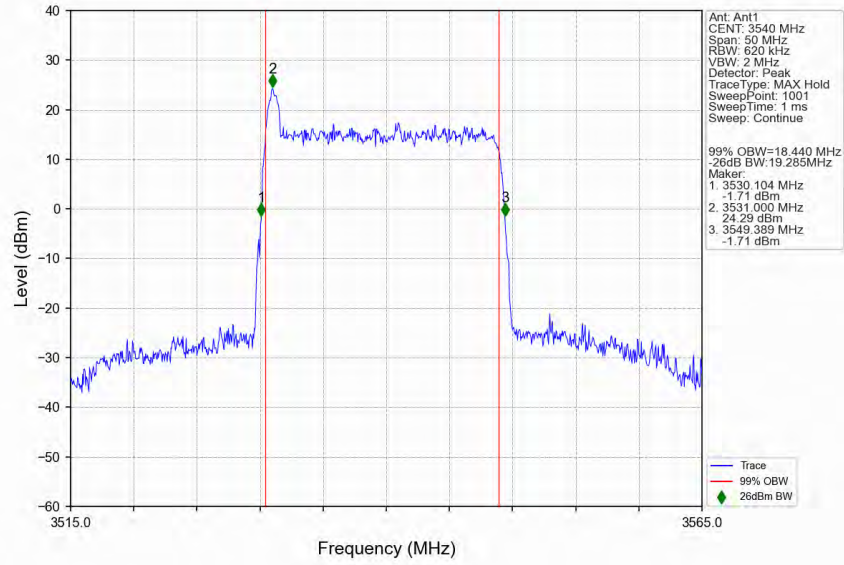
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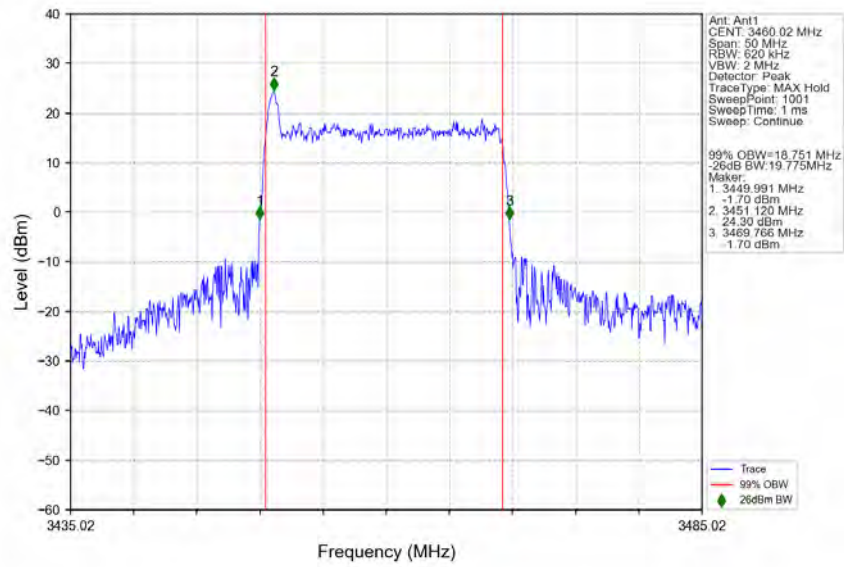
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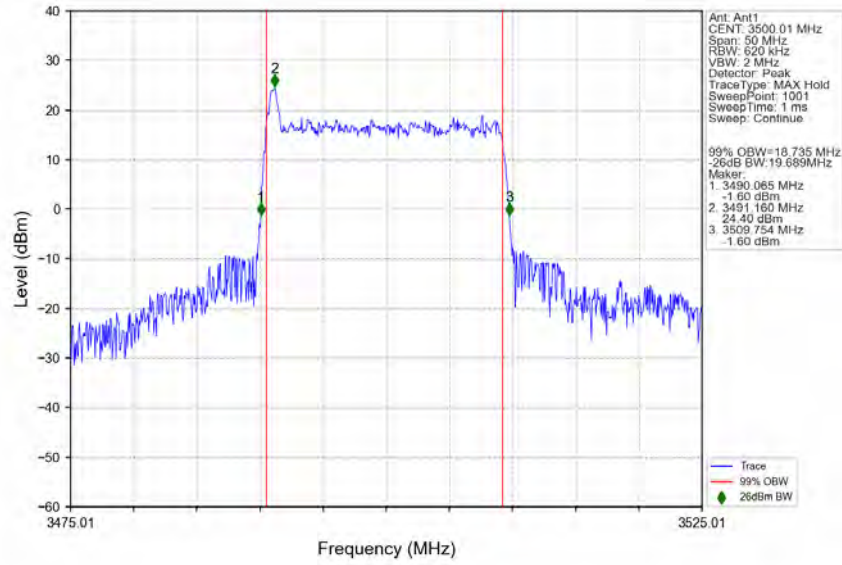
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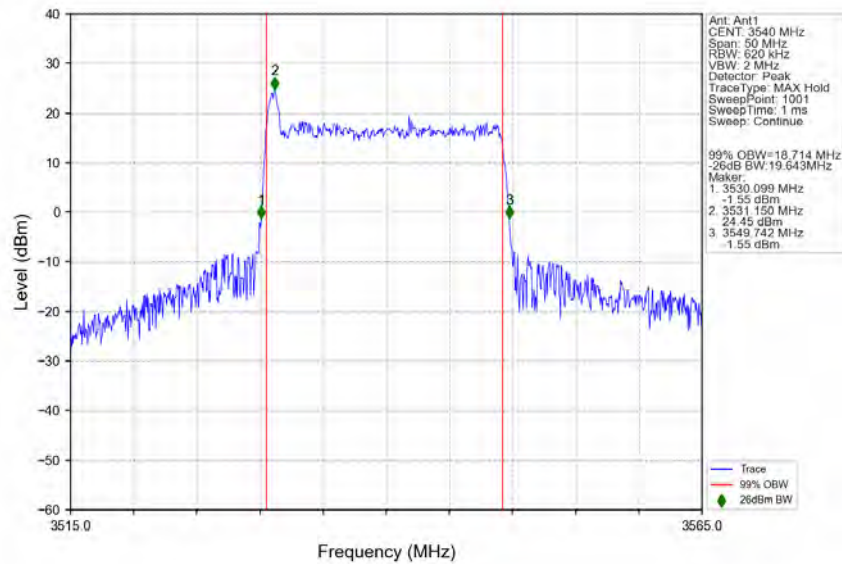
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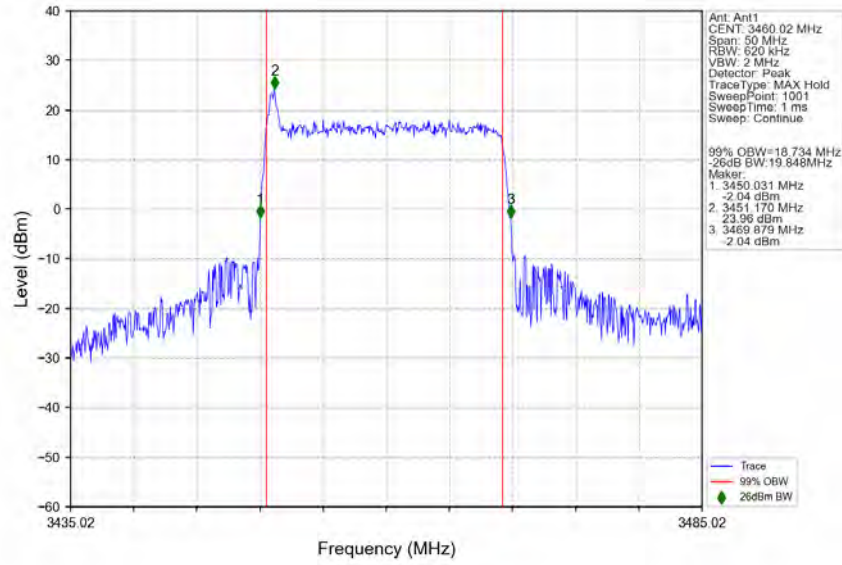
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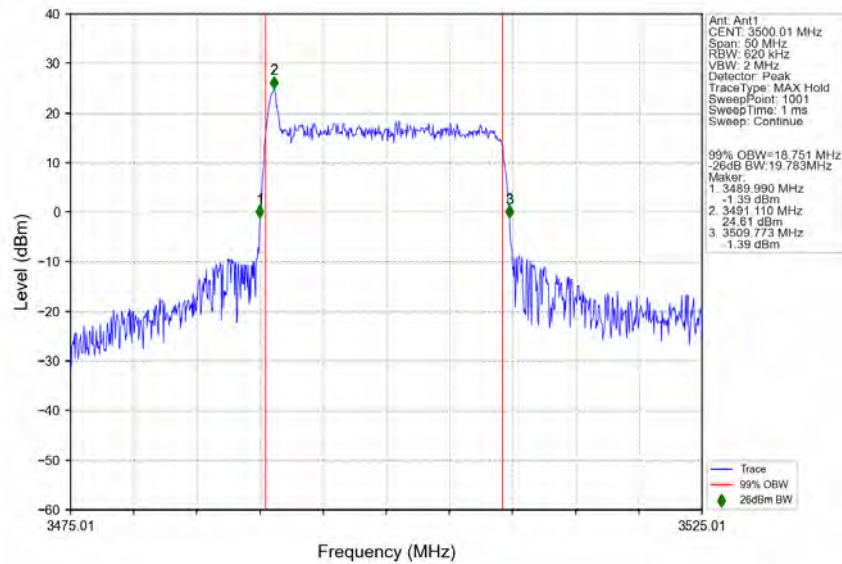
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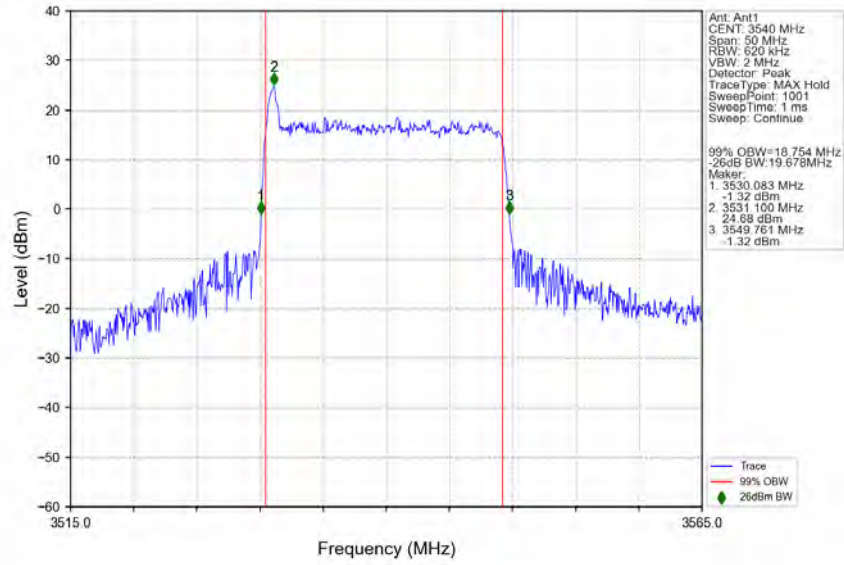
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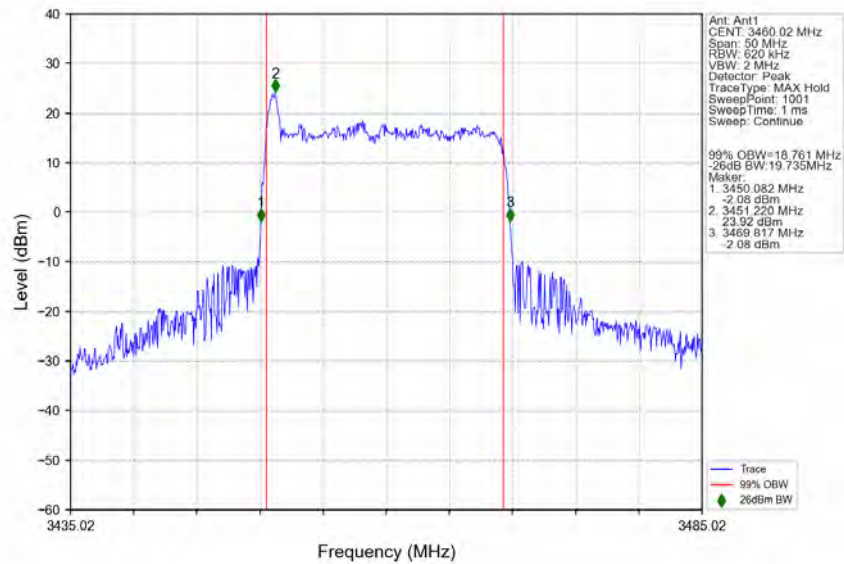
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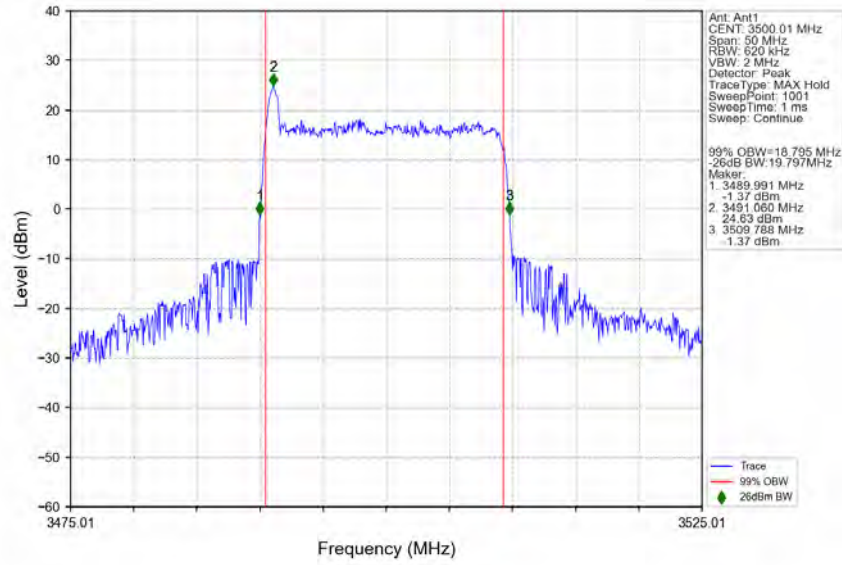
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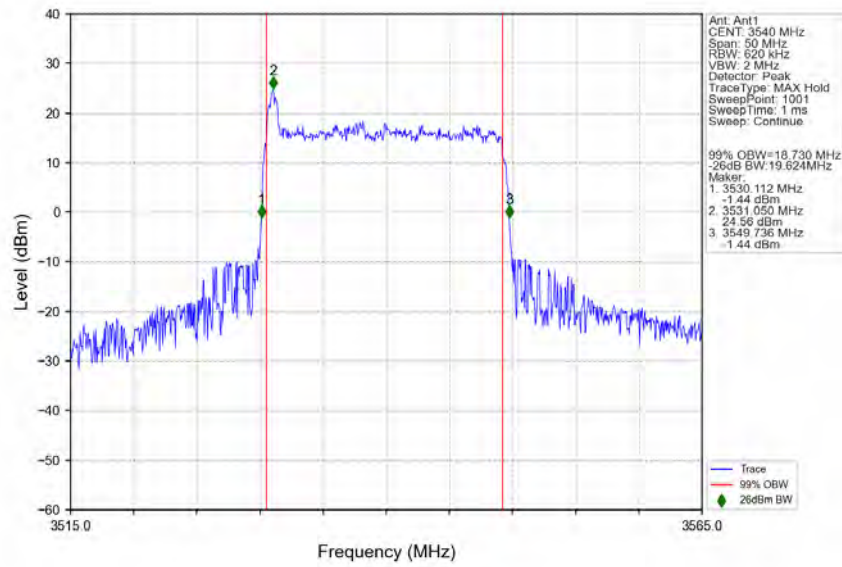
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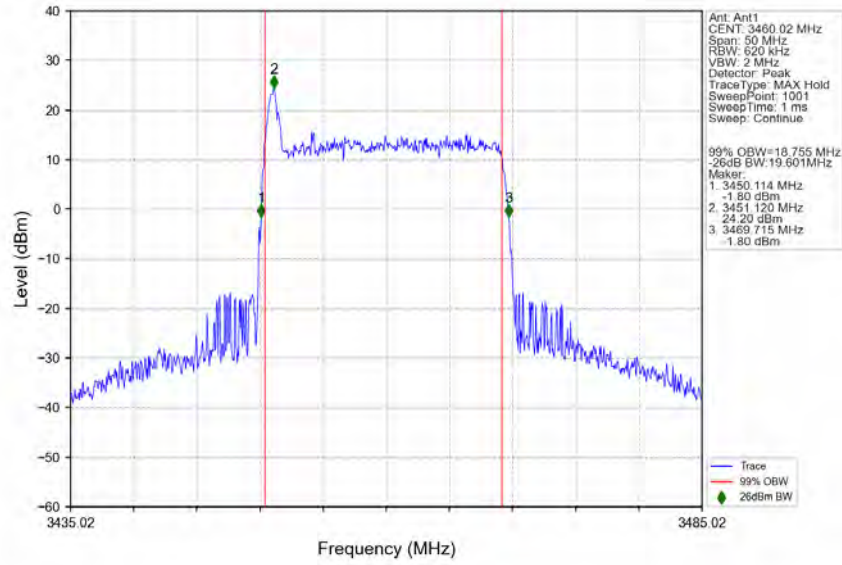
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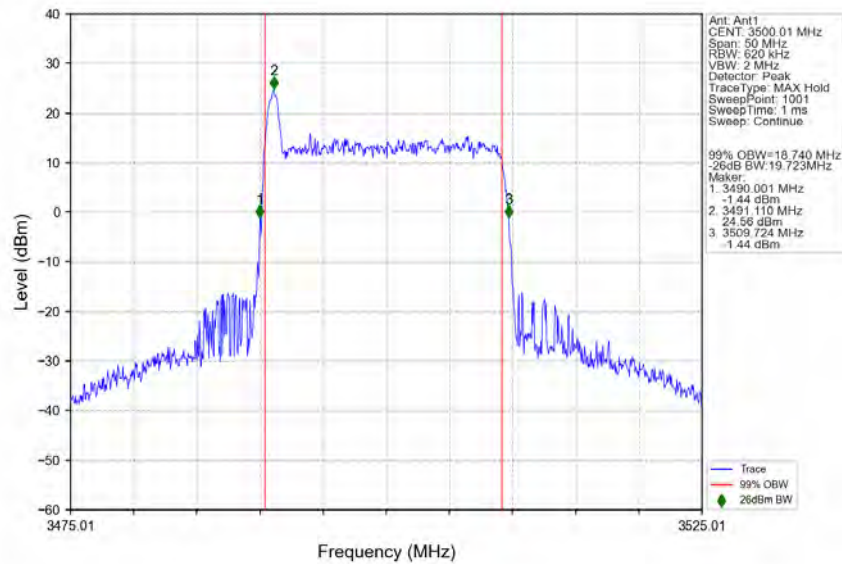
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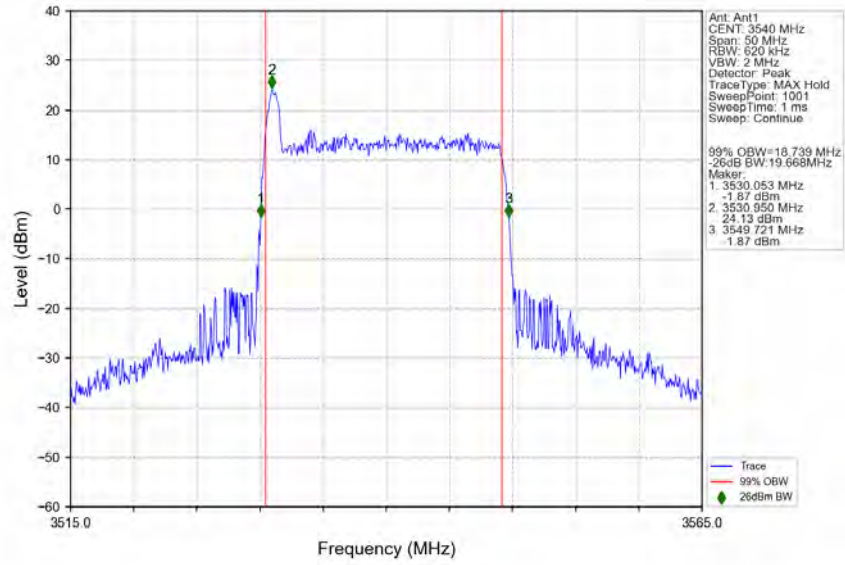
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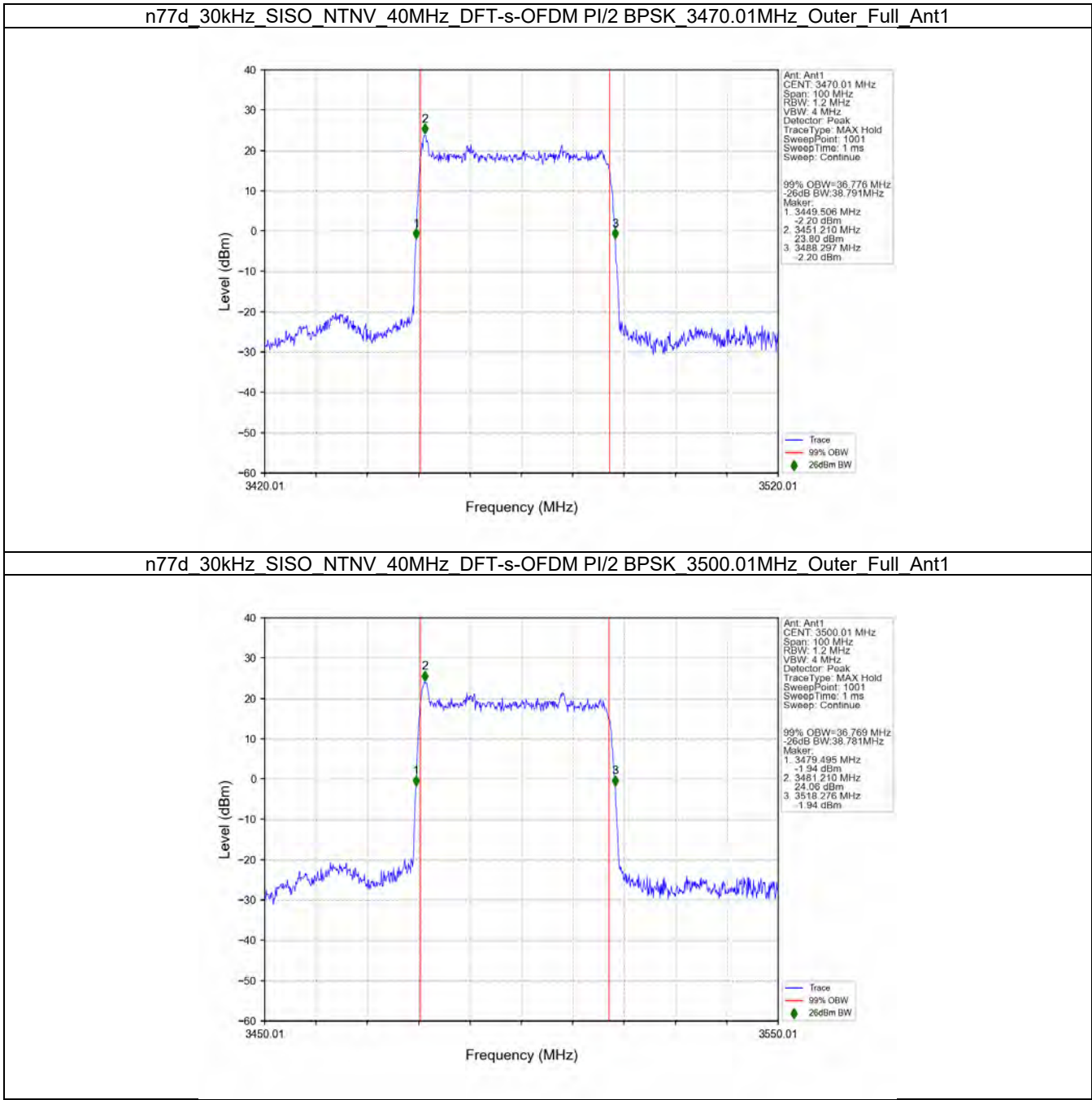
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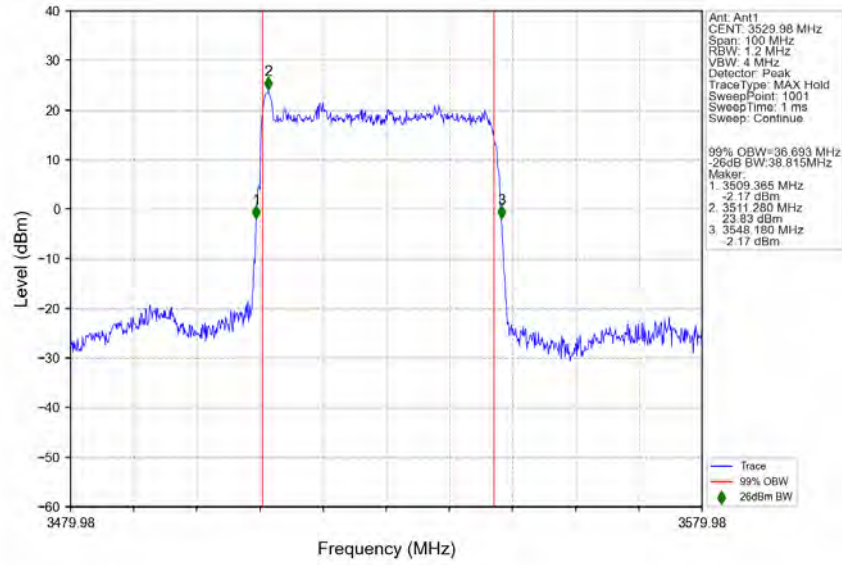
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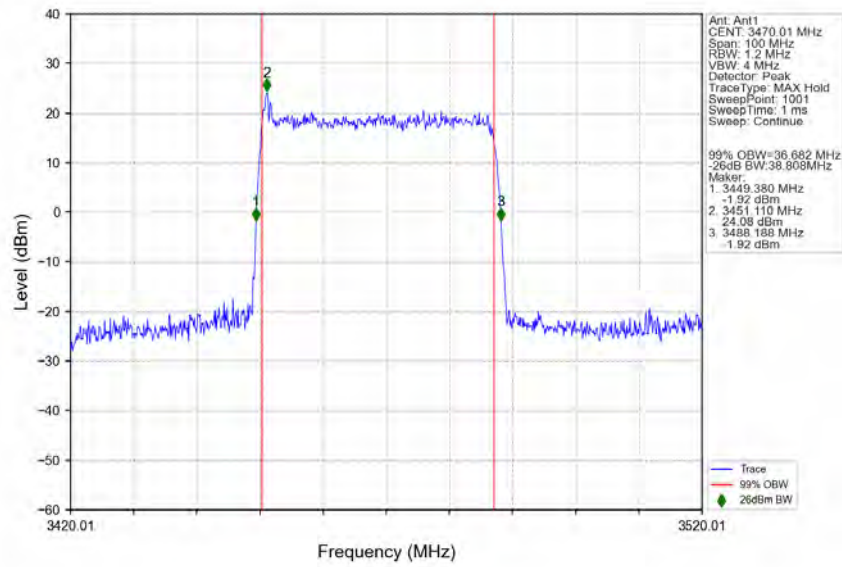
3.2.4 30k_SISO_40MHz_NTNV



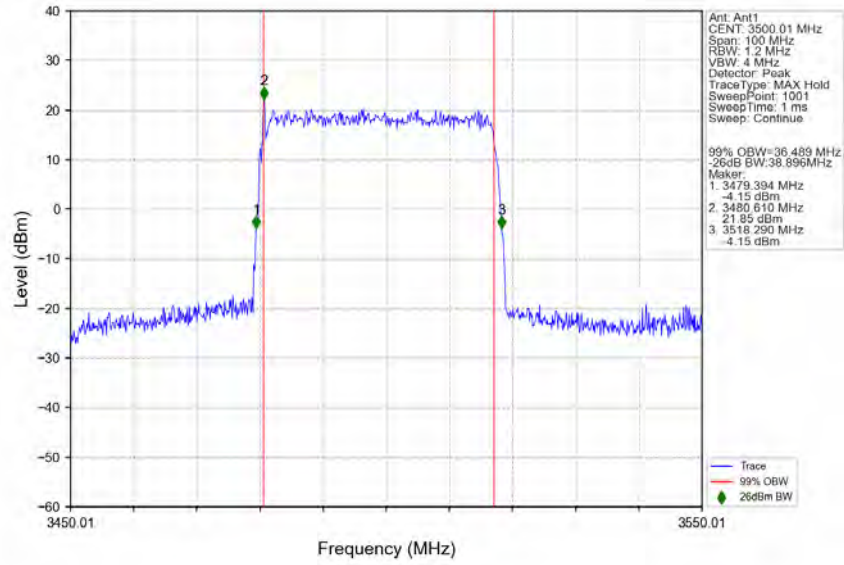
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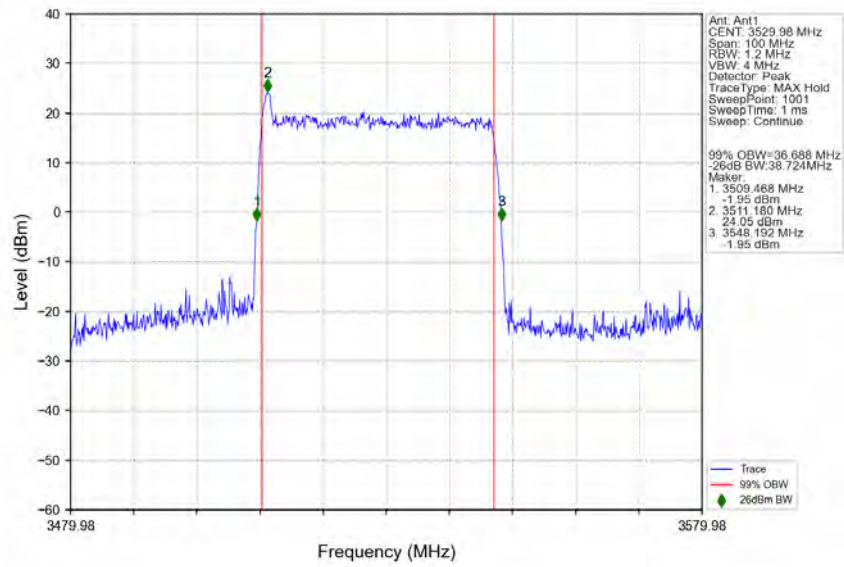
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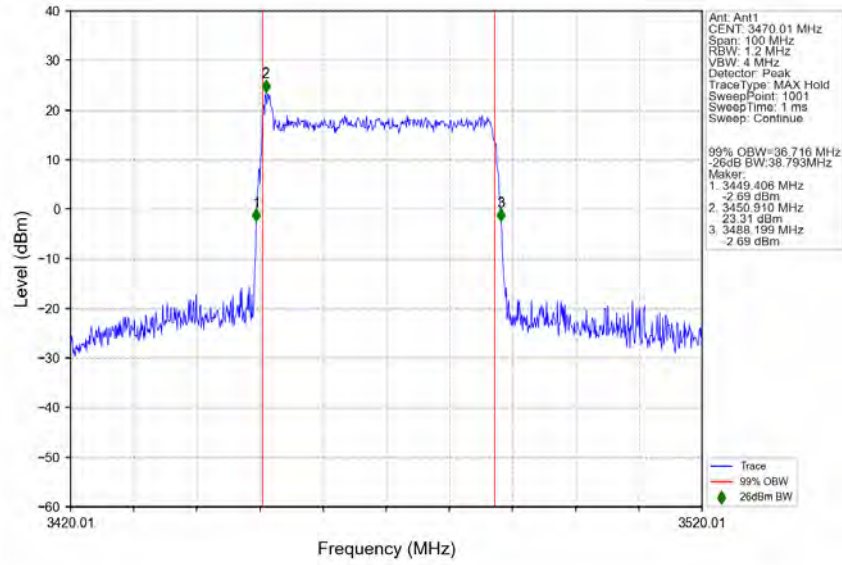
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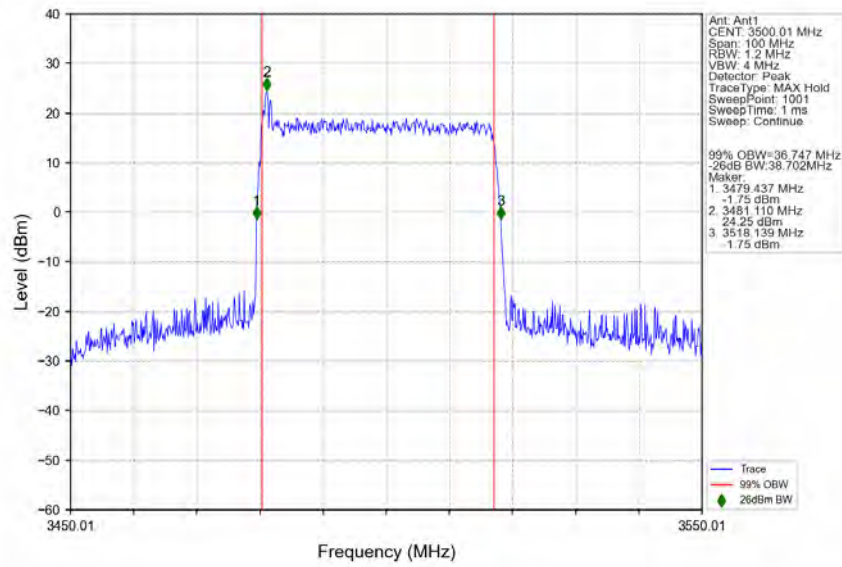
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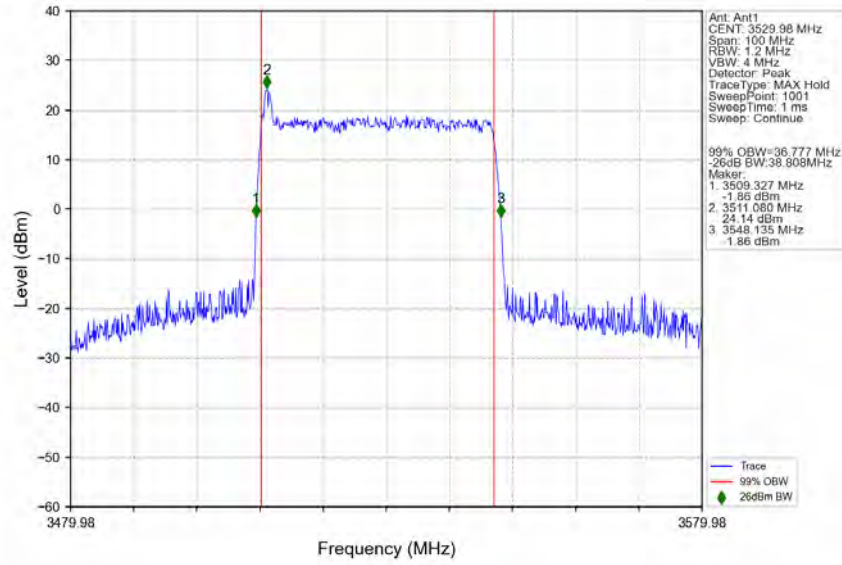
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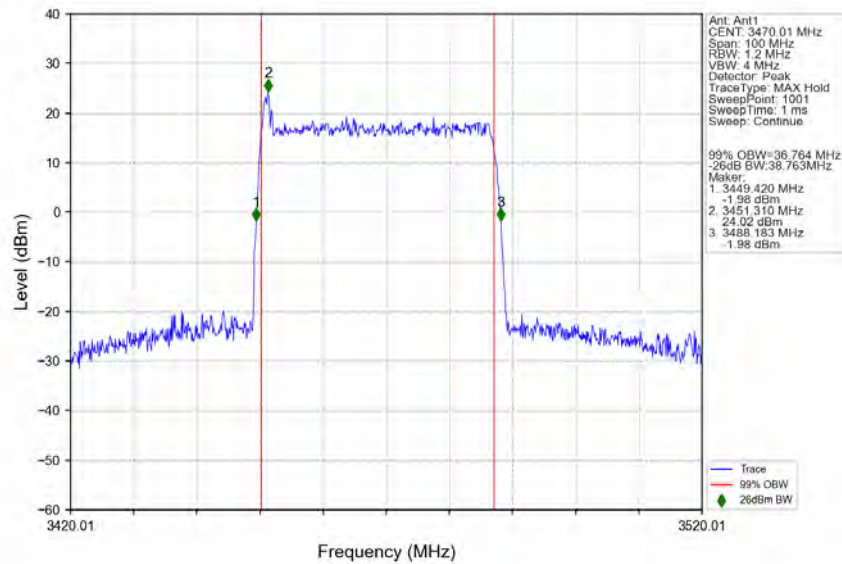
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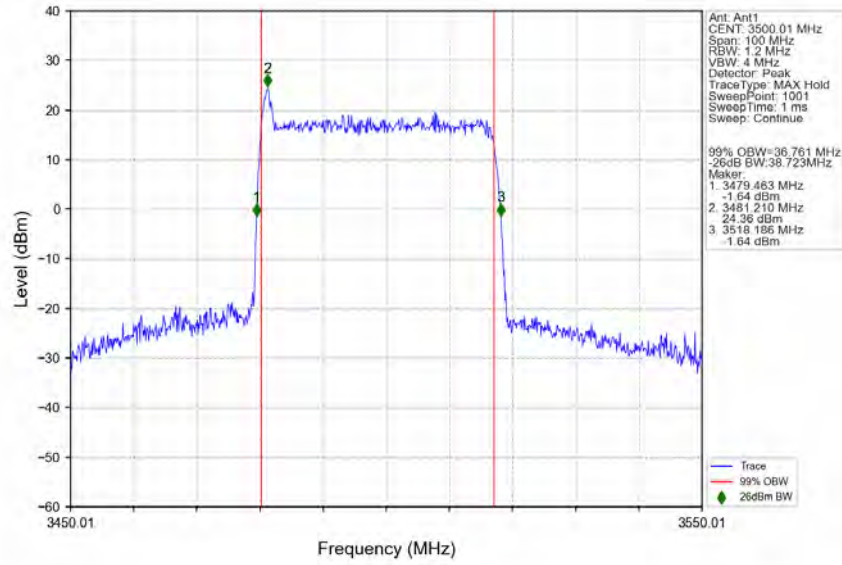
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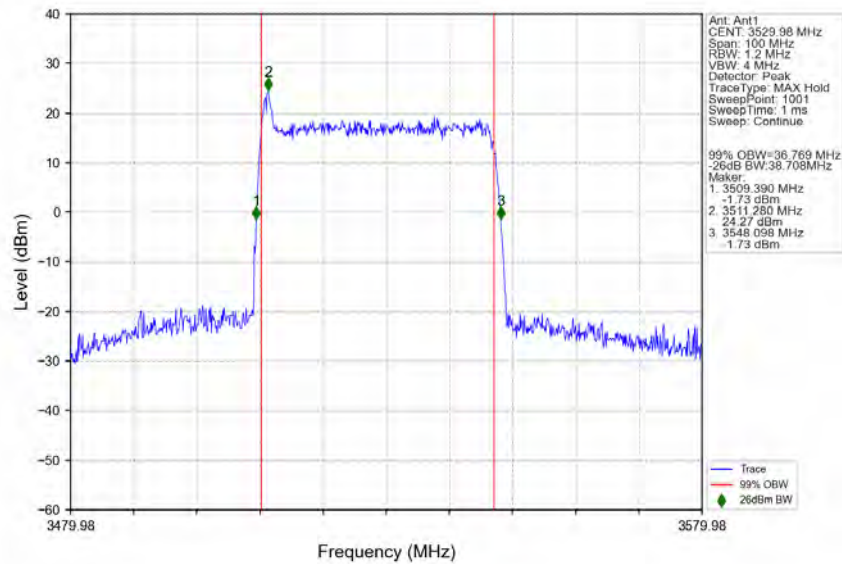
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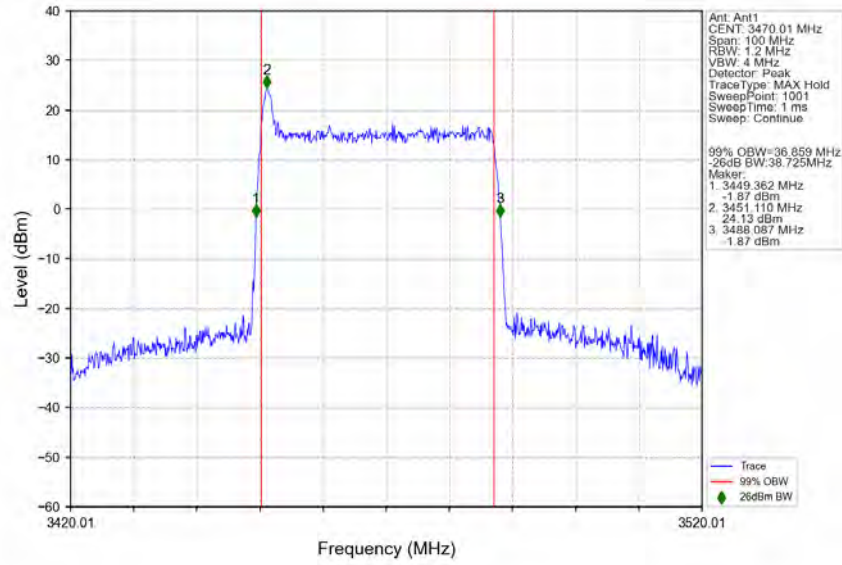
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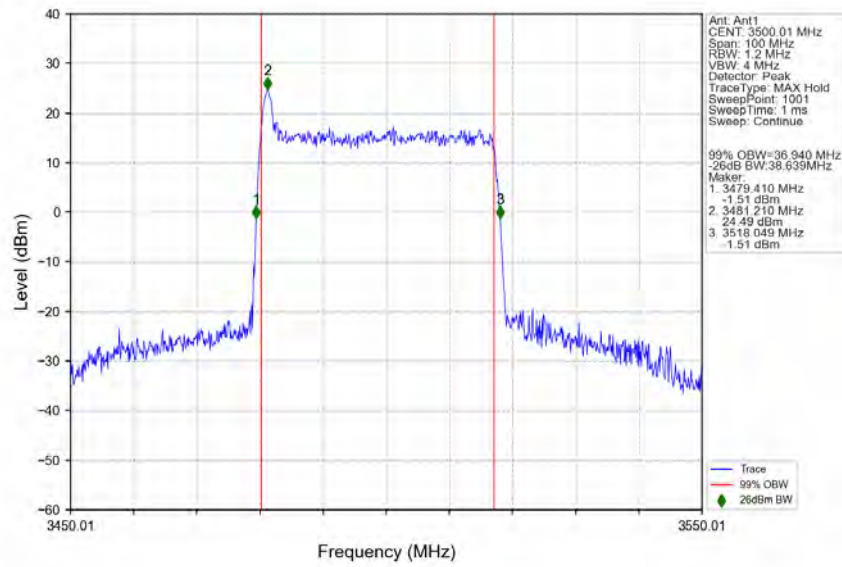
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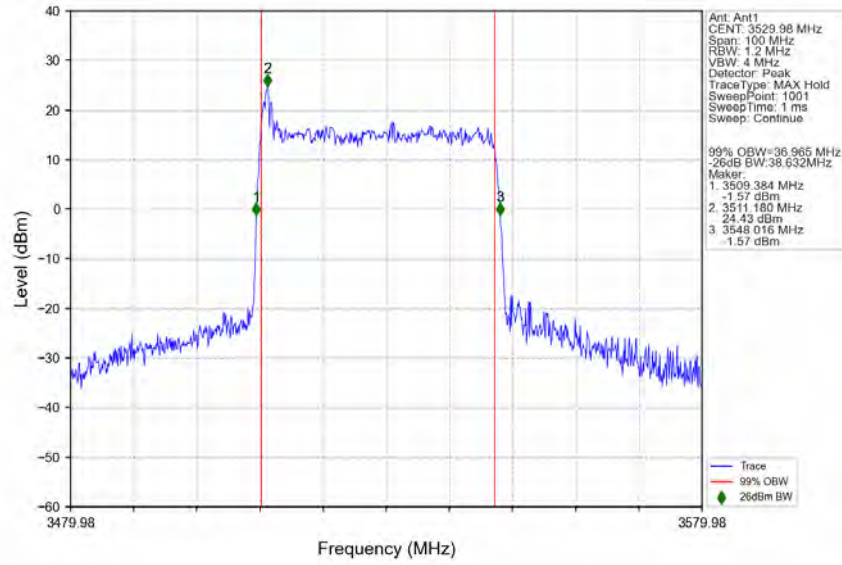
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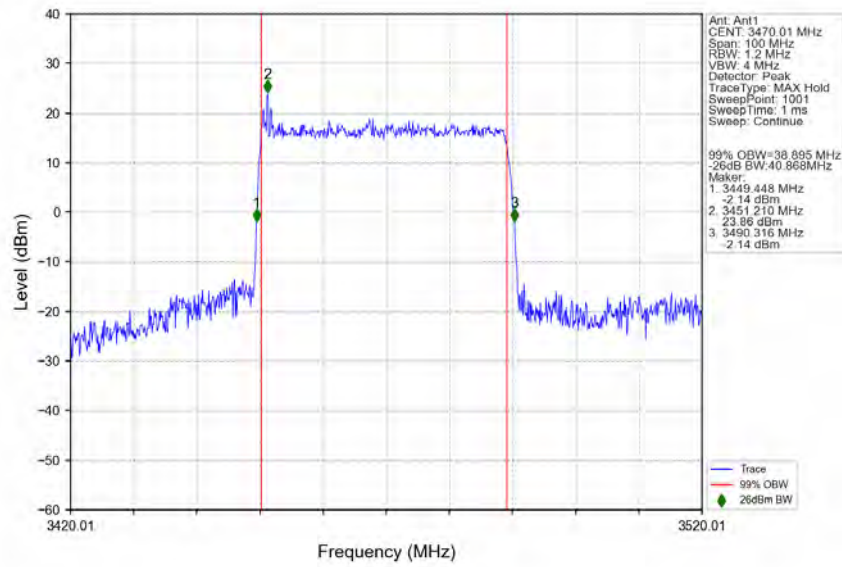
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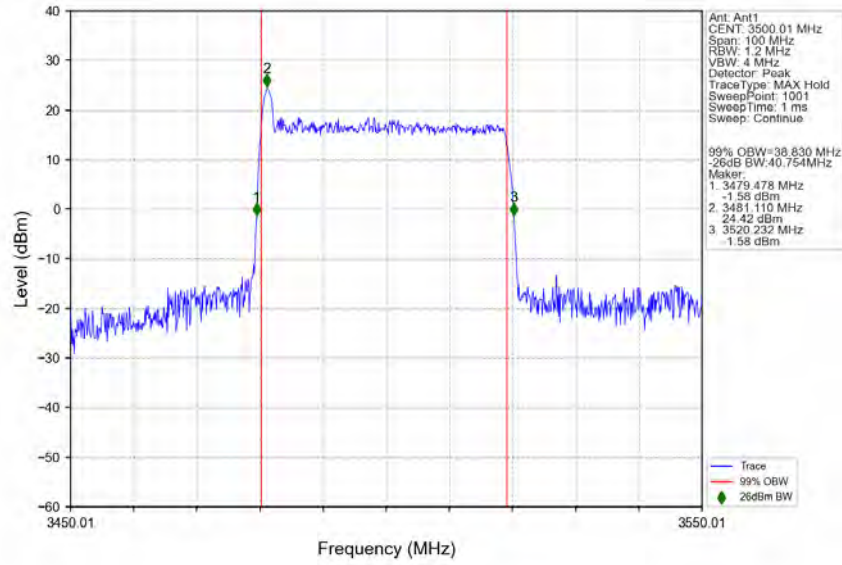
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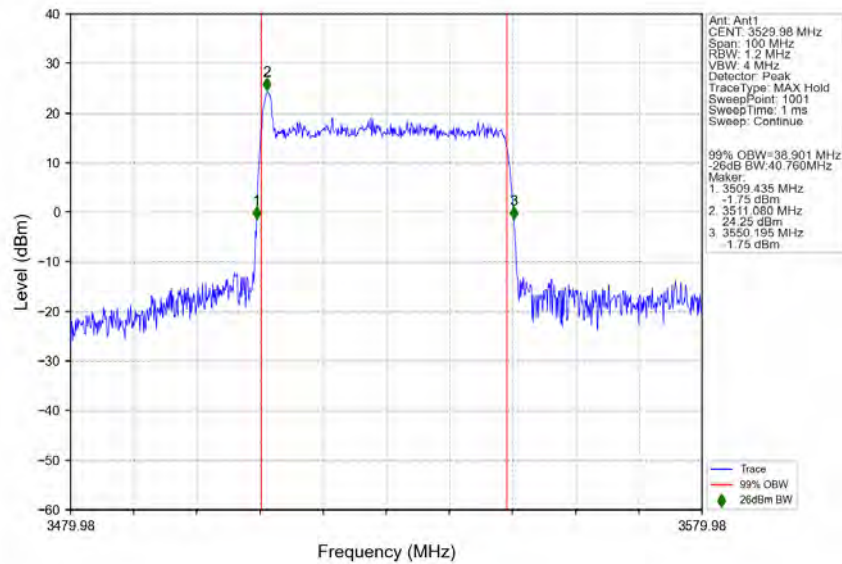
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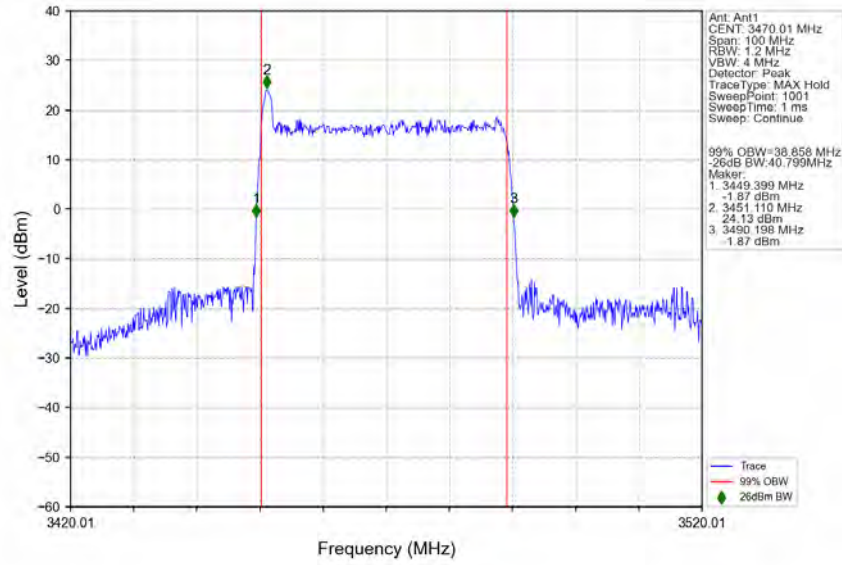
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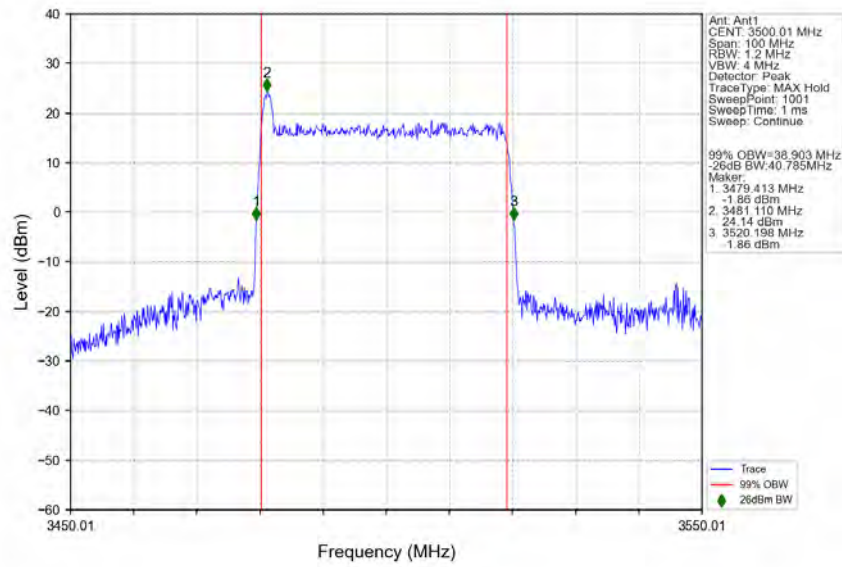
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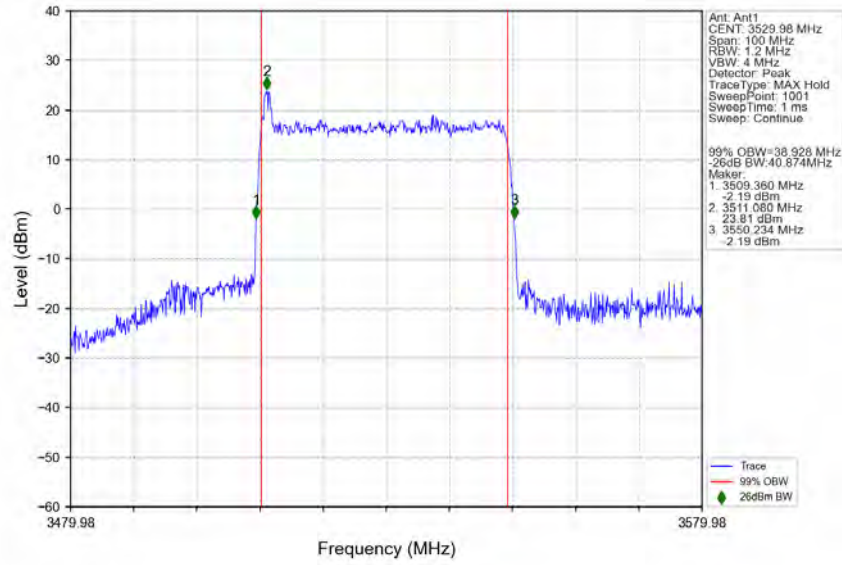
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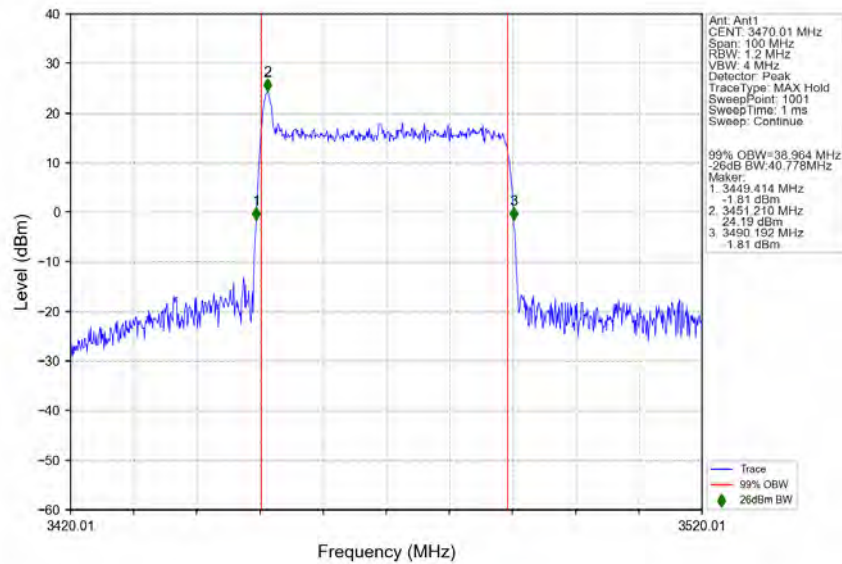
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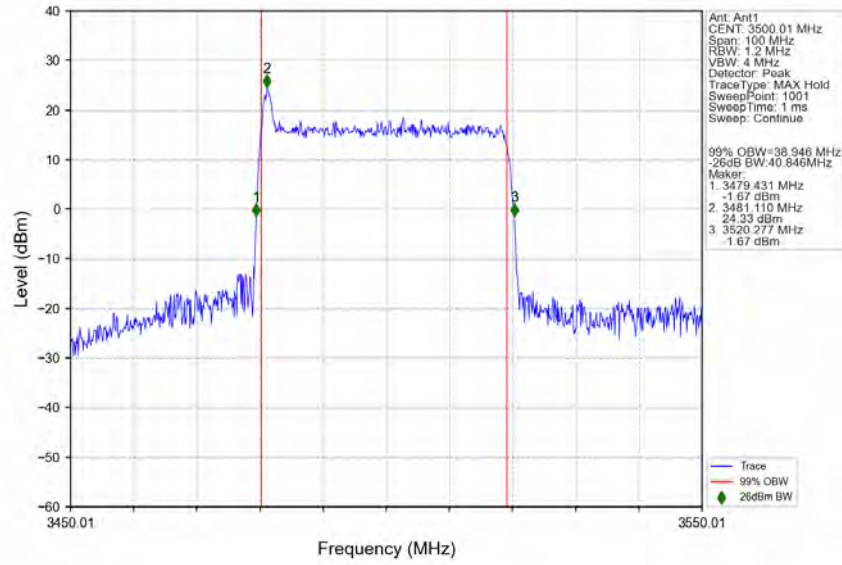
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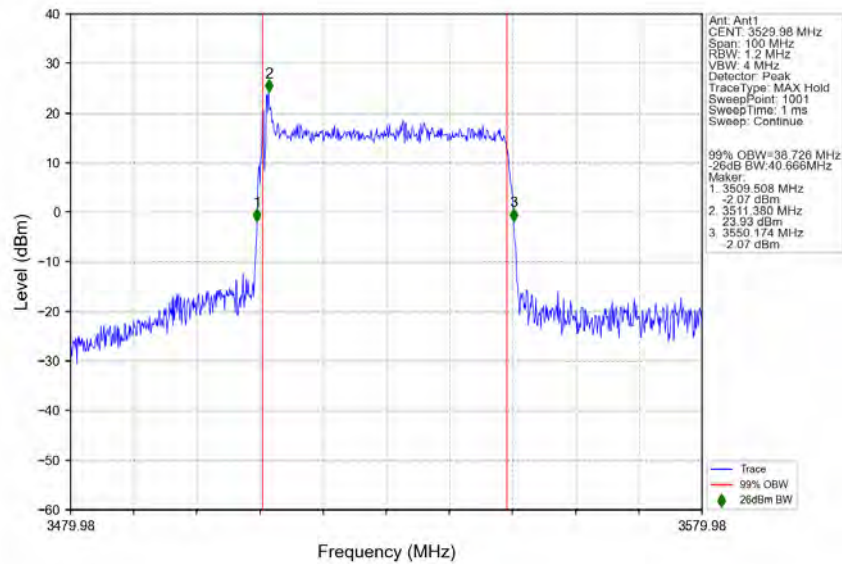
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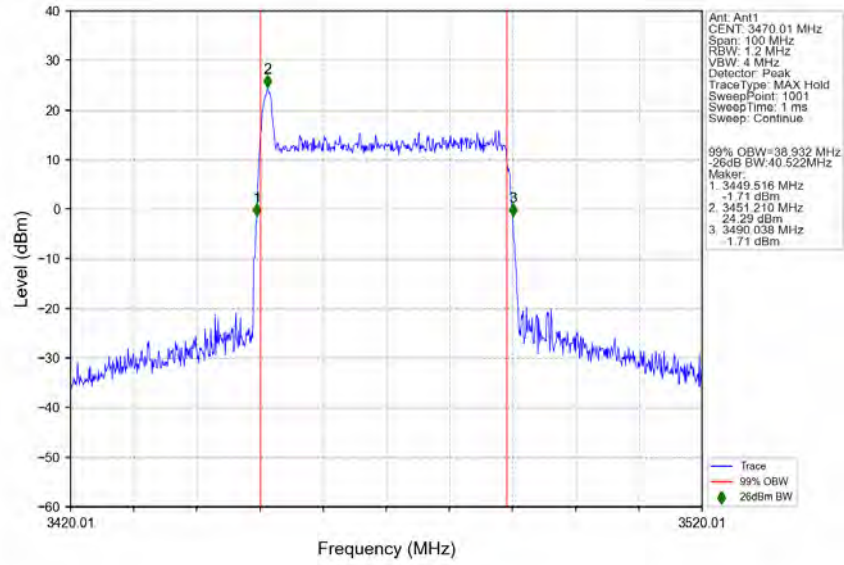
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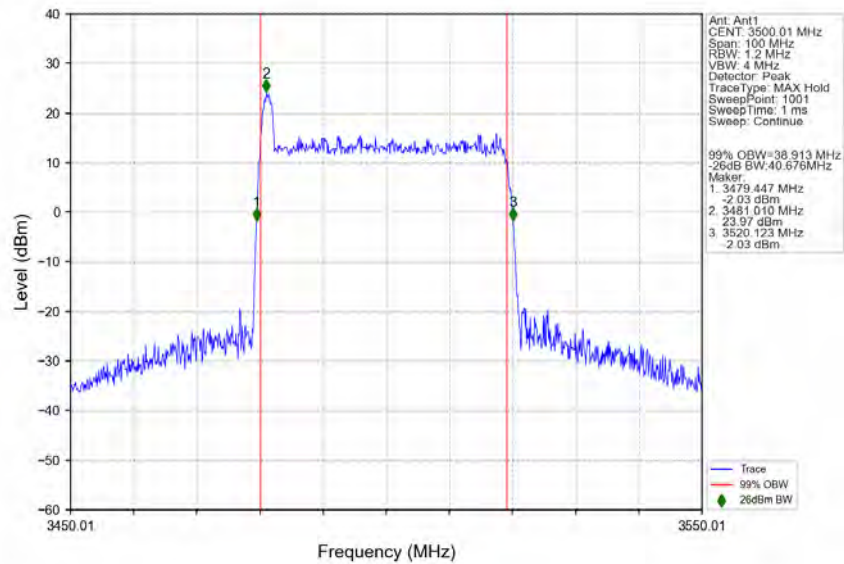
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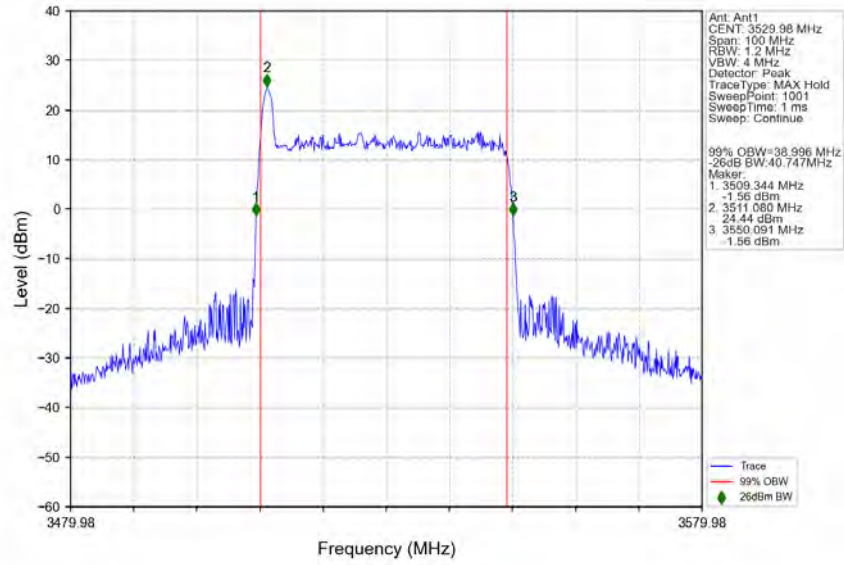
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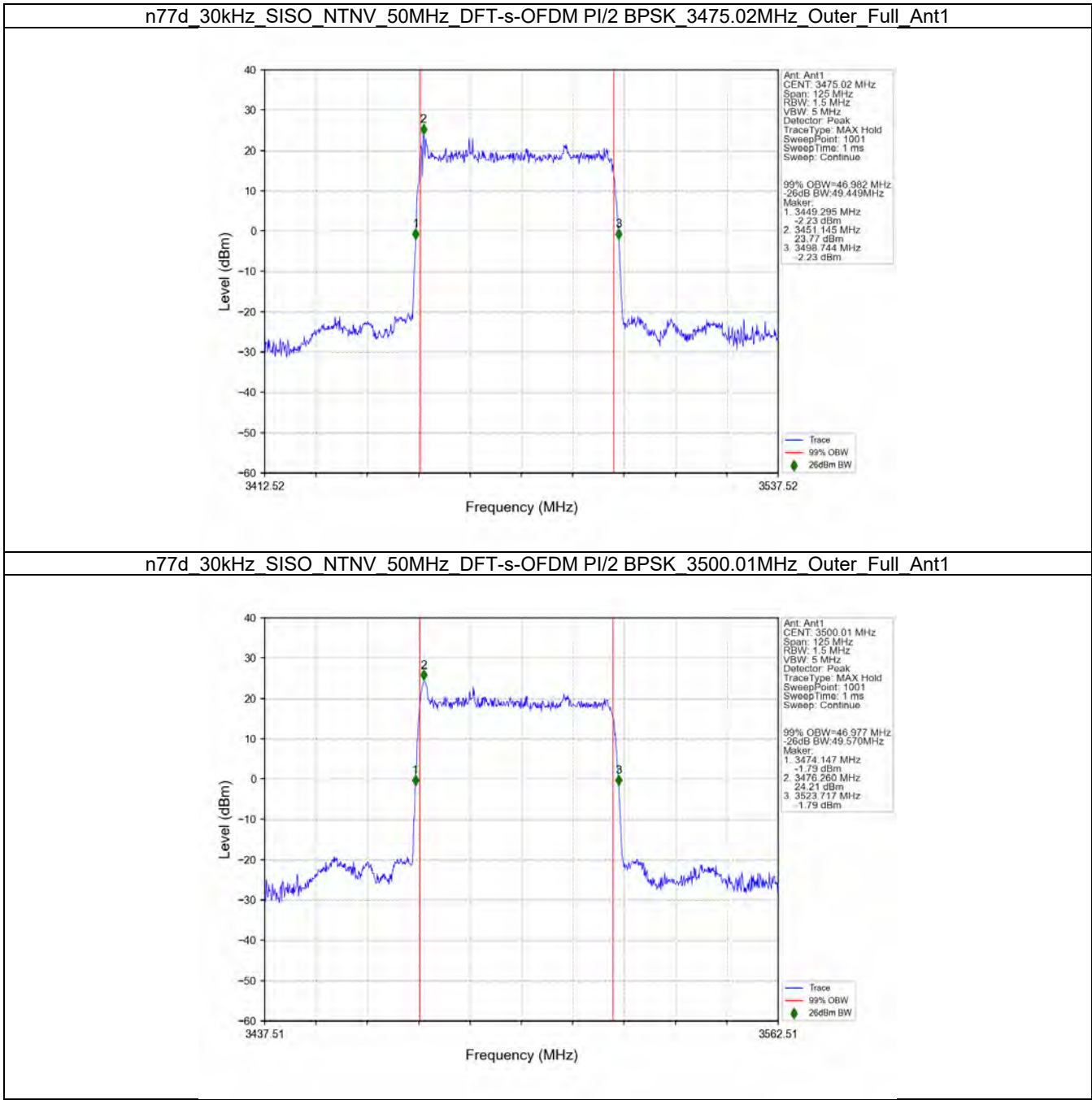
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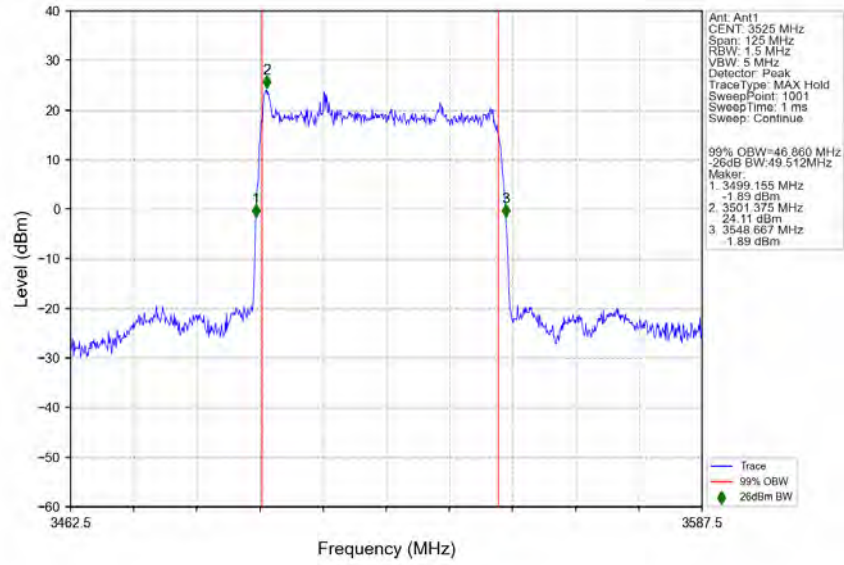
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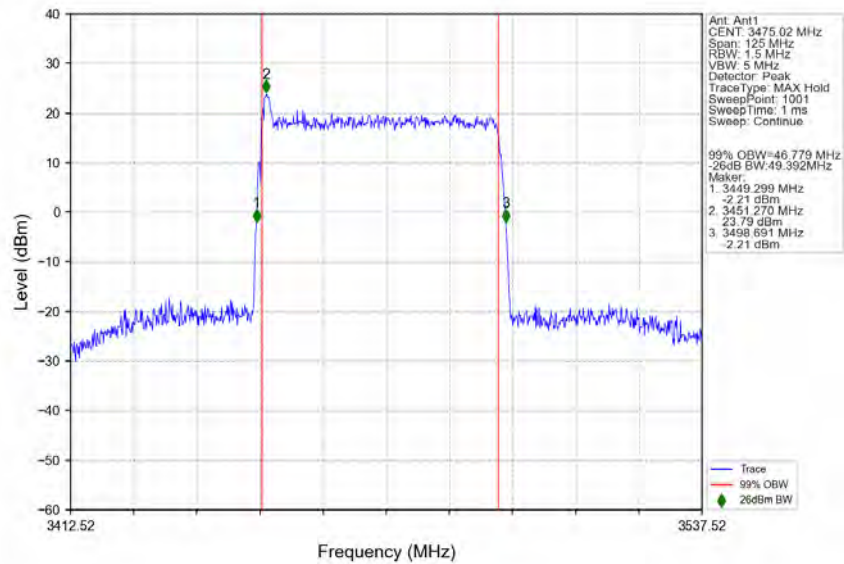
3.2.5 30k_SISO_50MHz_NTNV



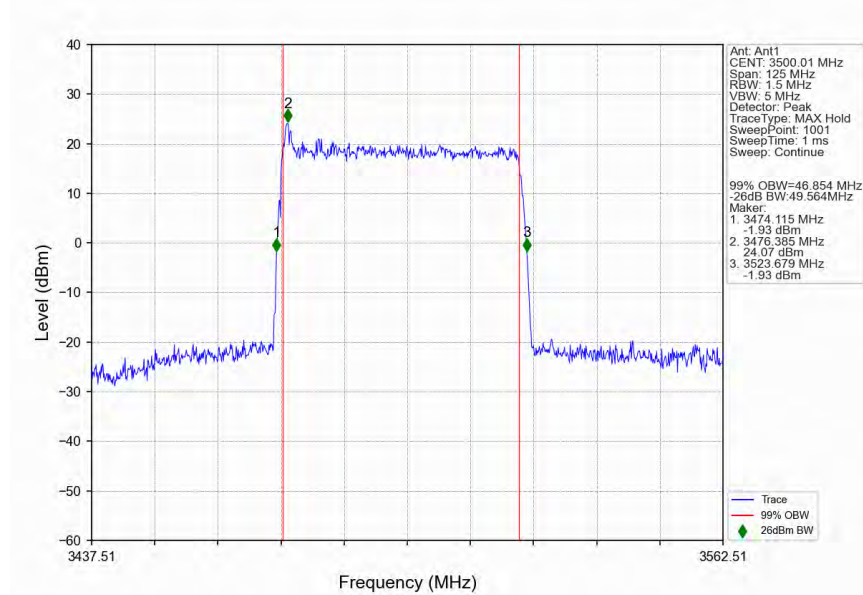
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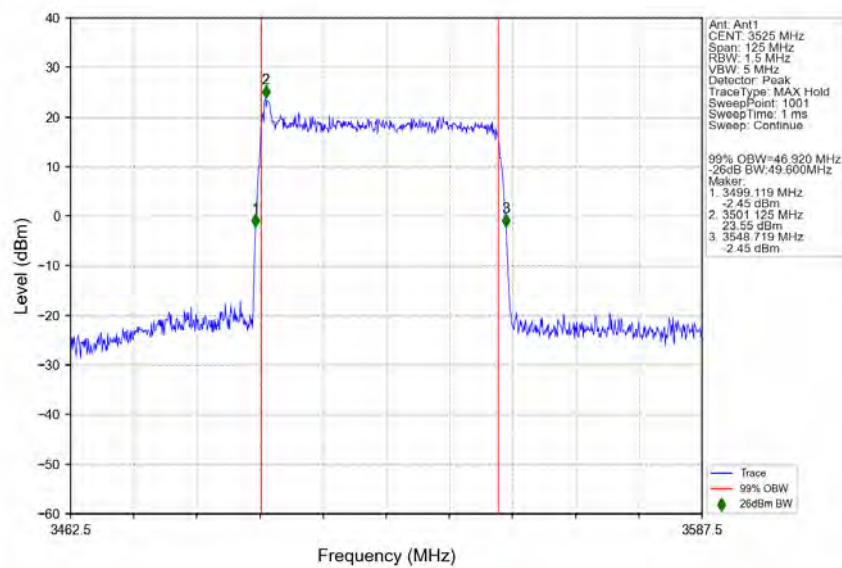
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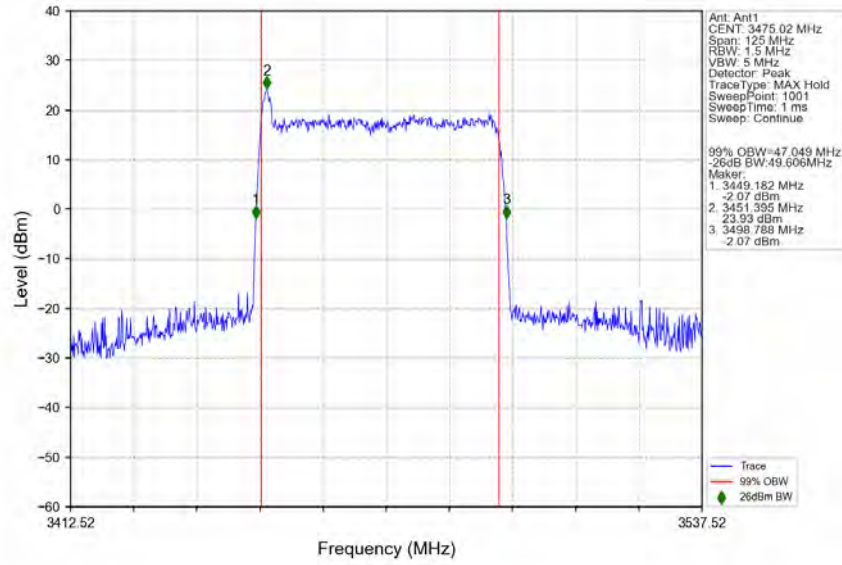
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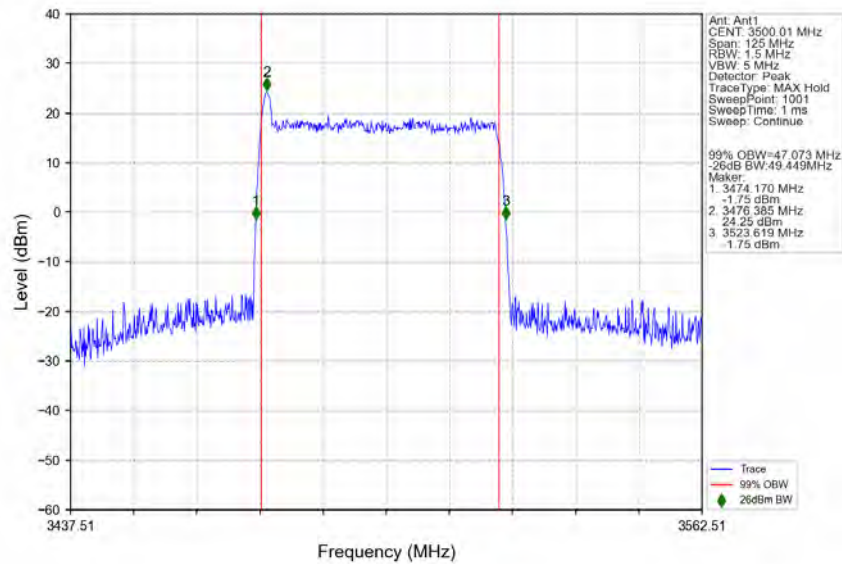
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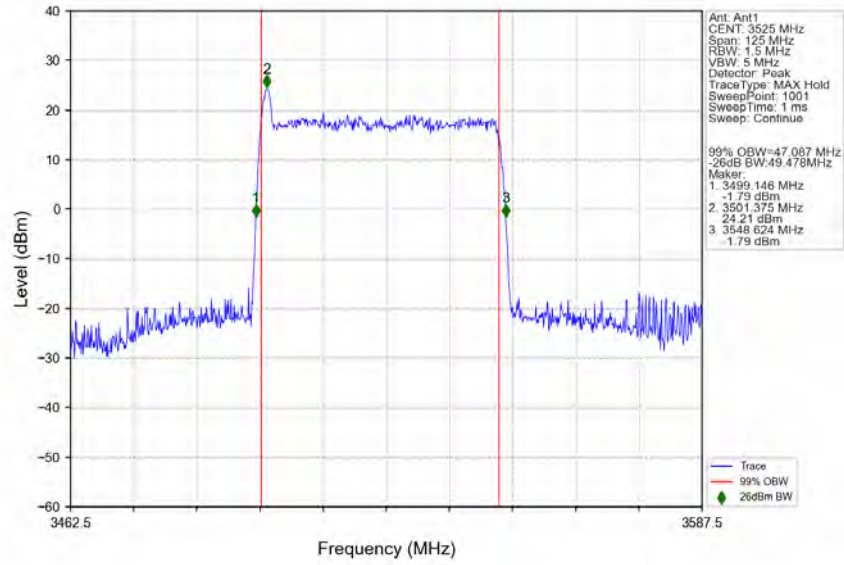
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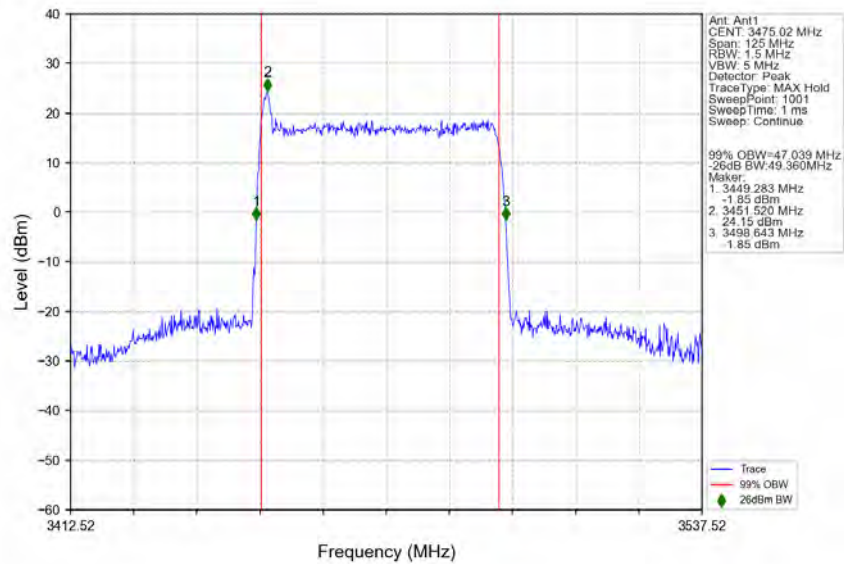
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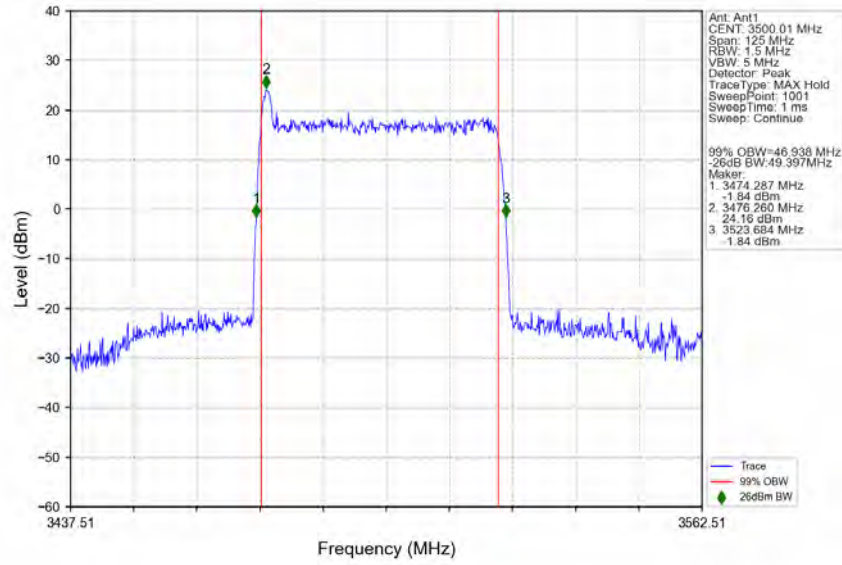
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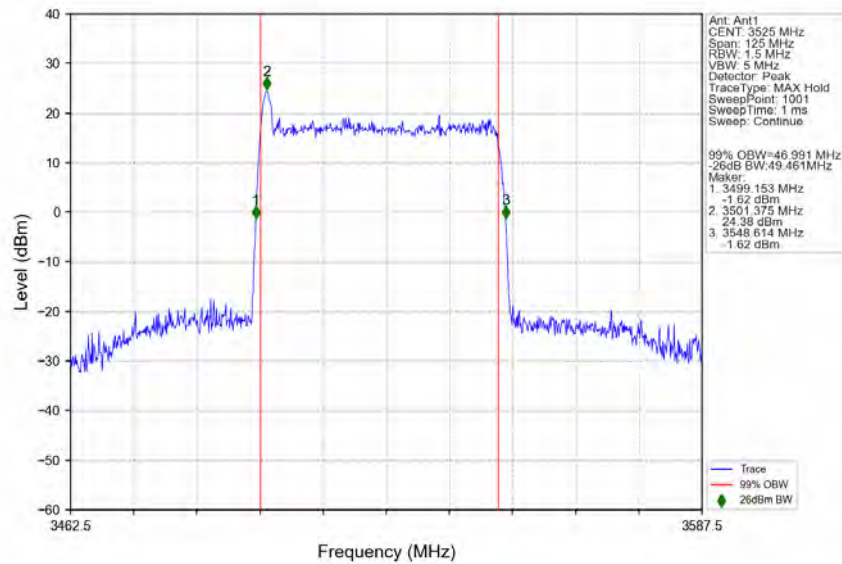
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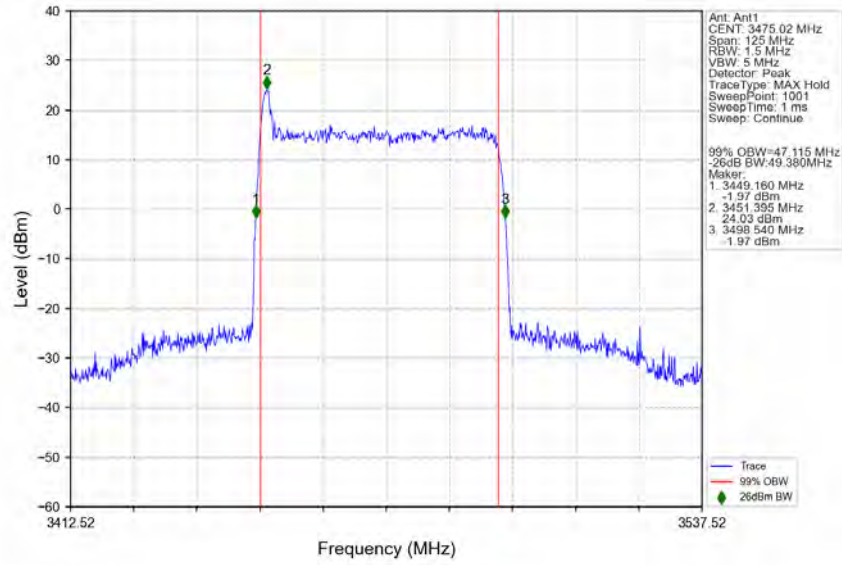
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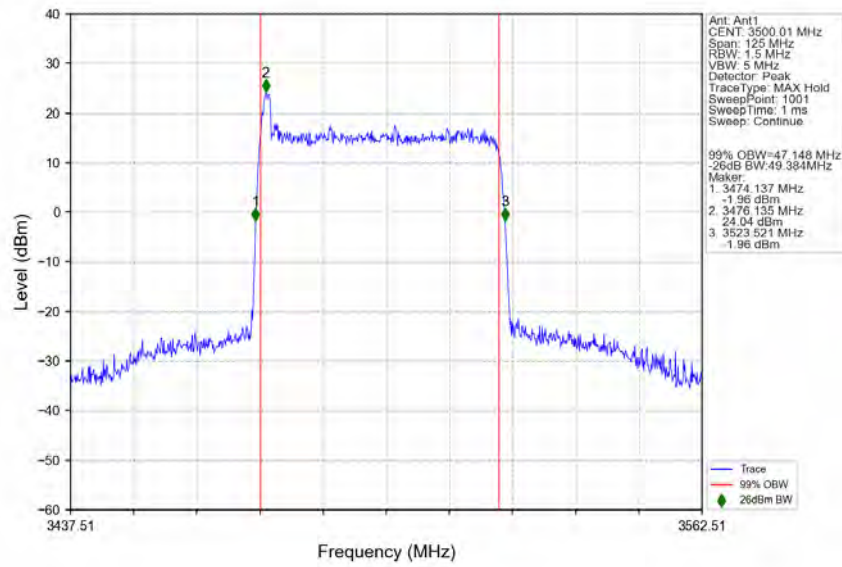
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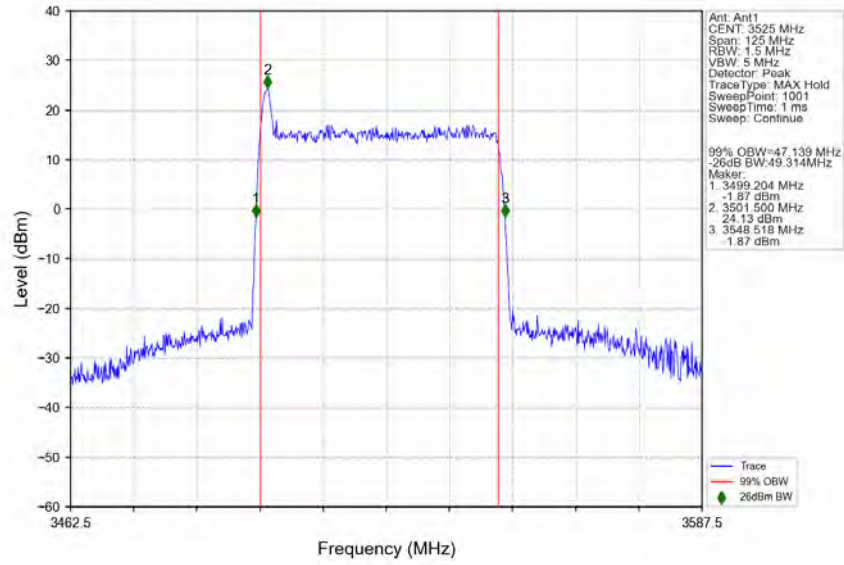
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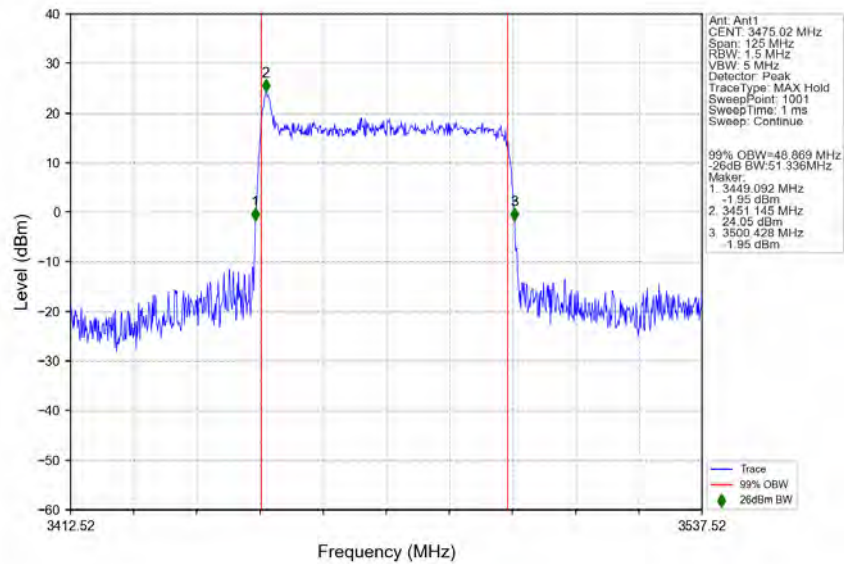
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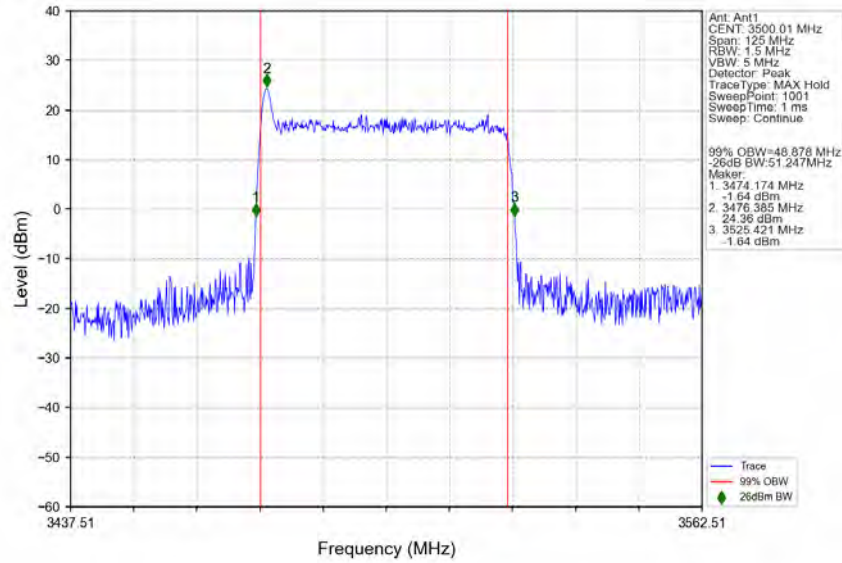
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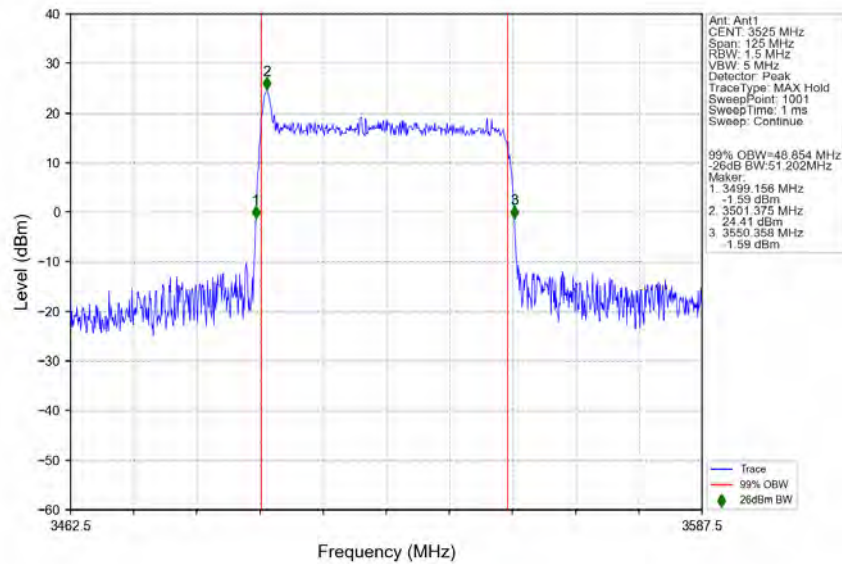
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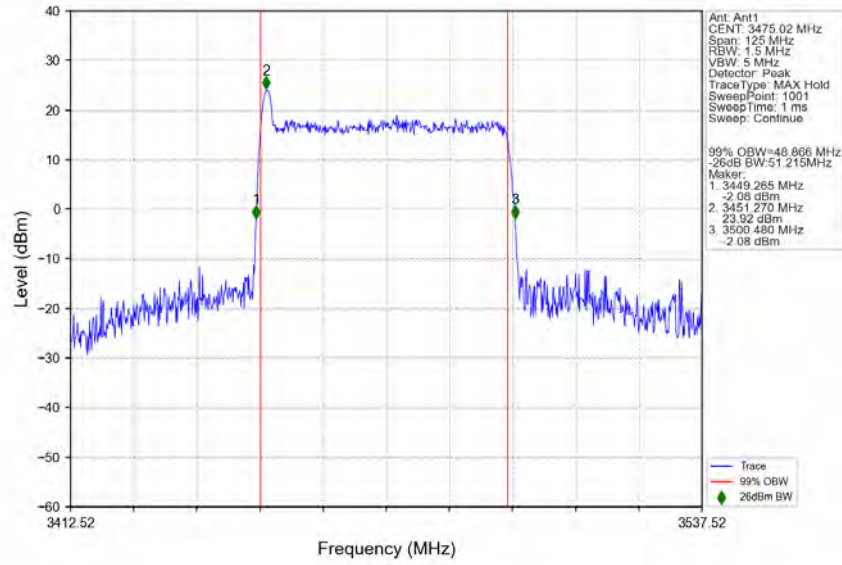
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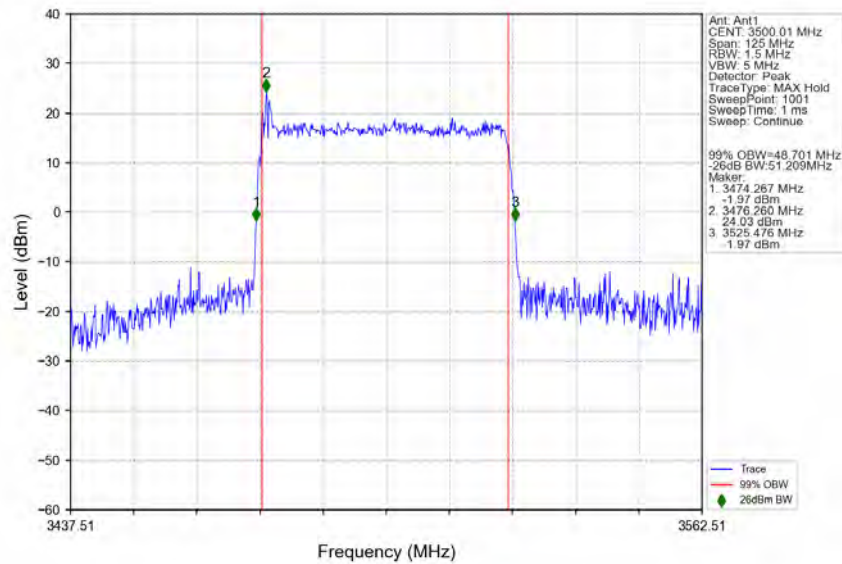
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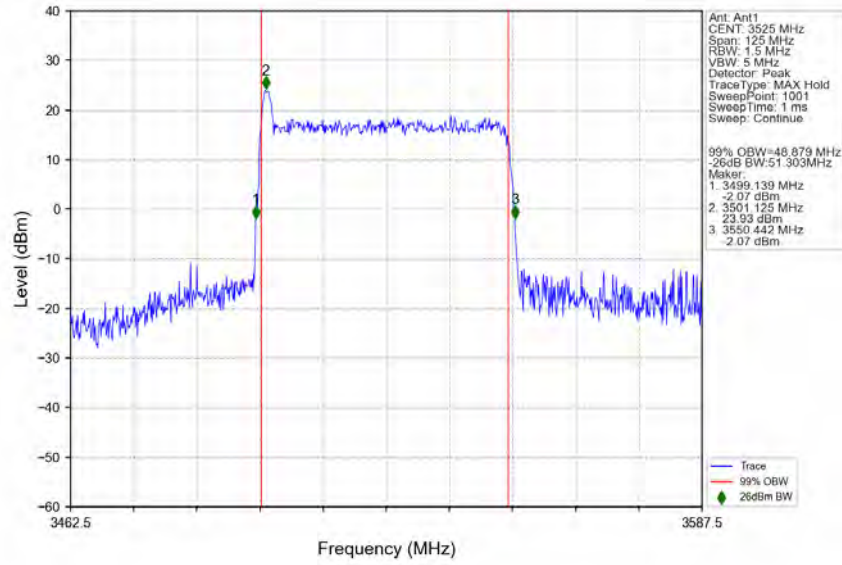
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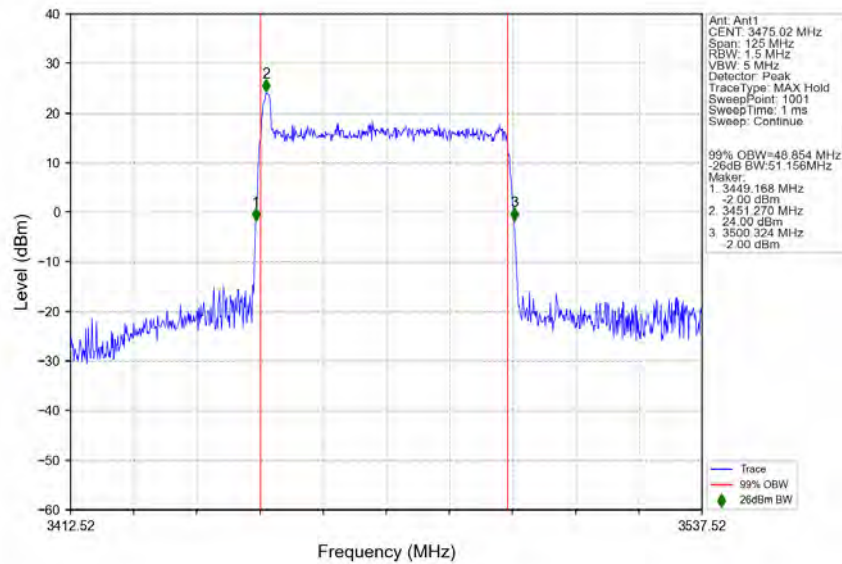
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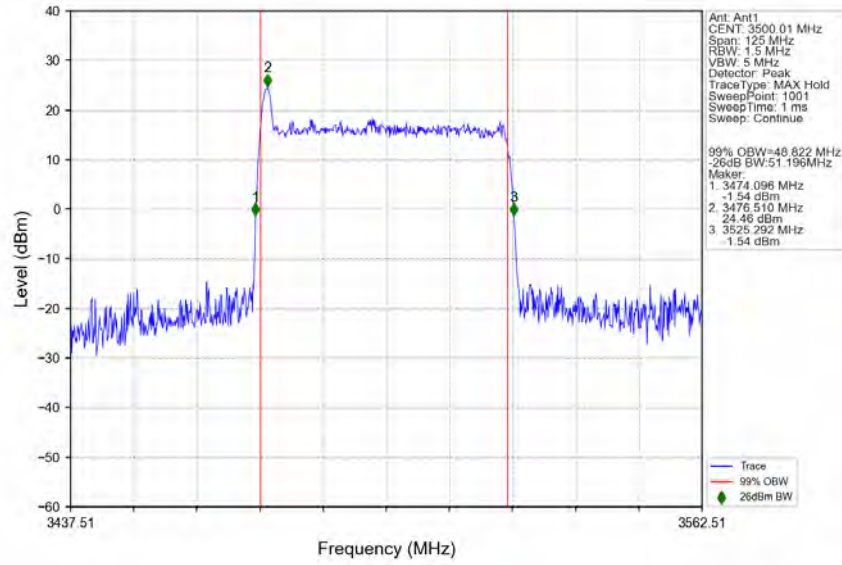
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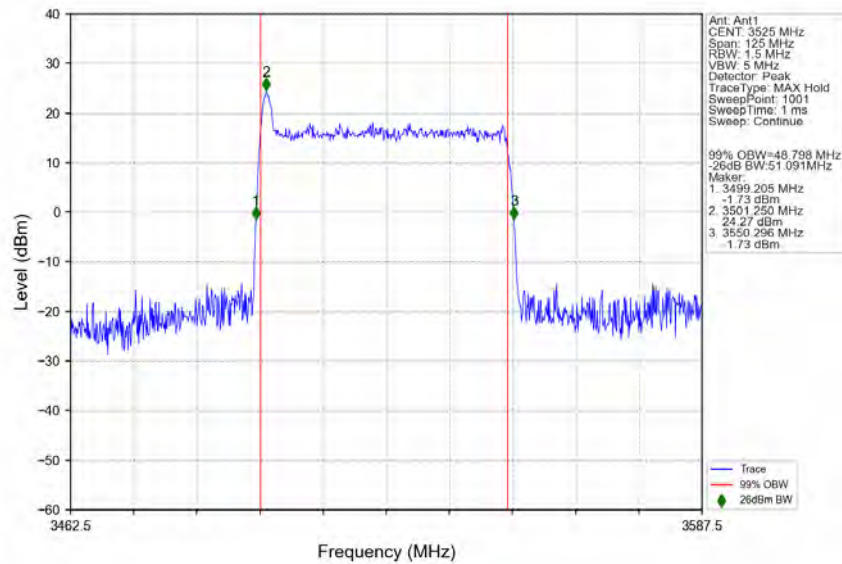
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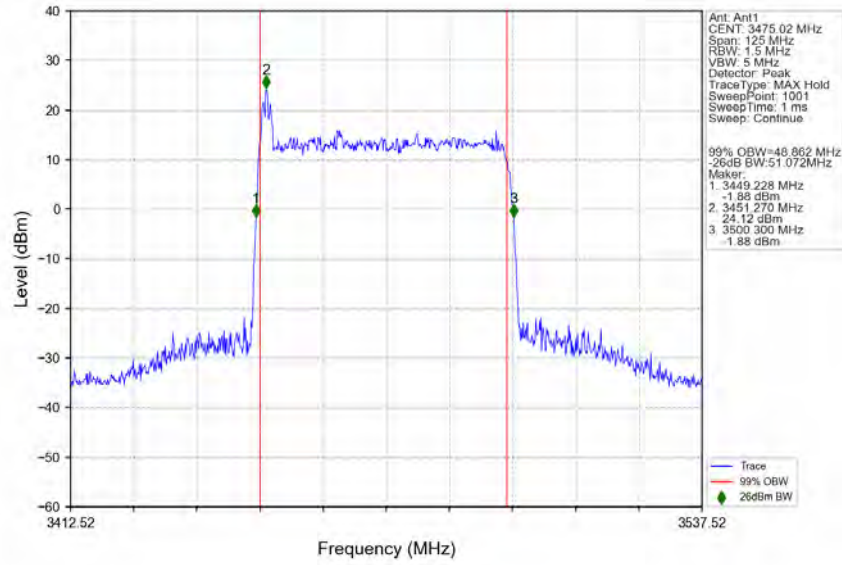
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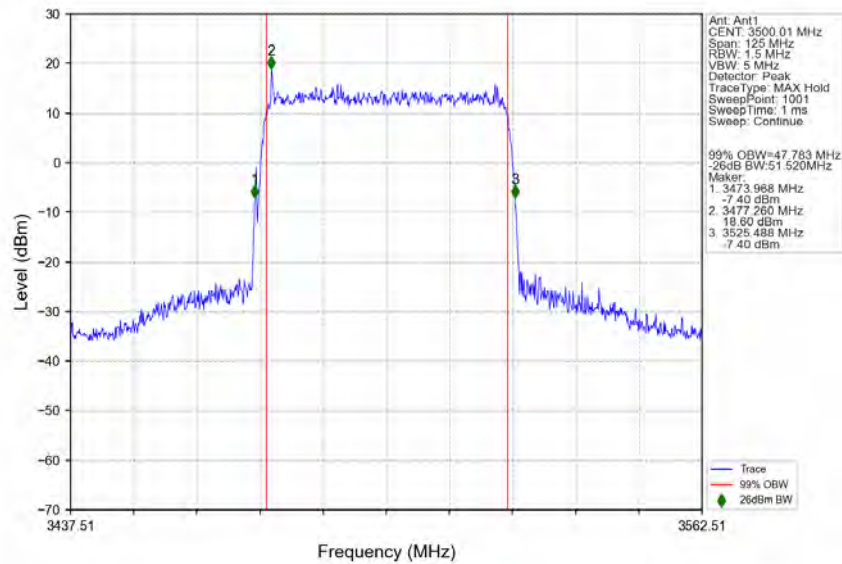
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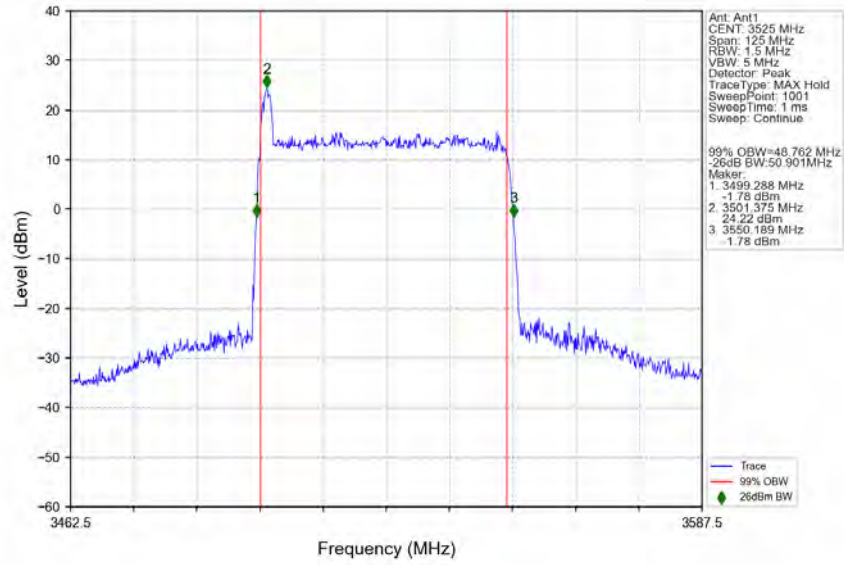
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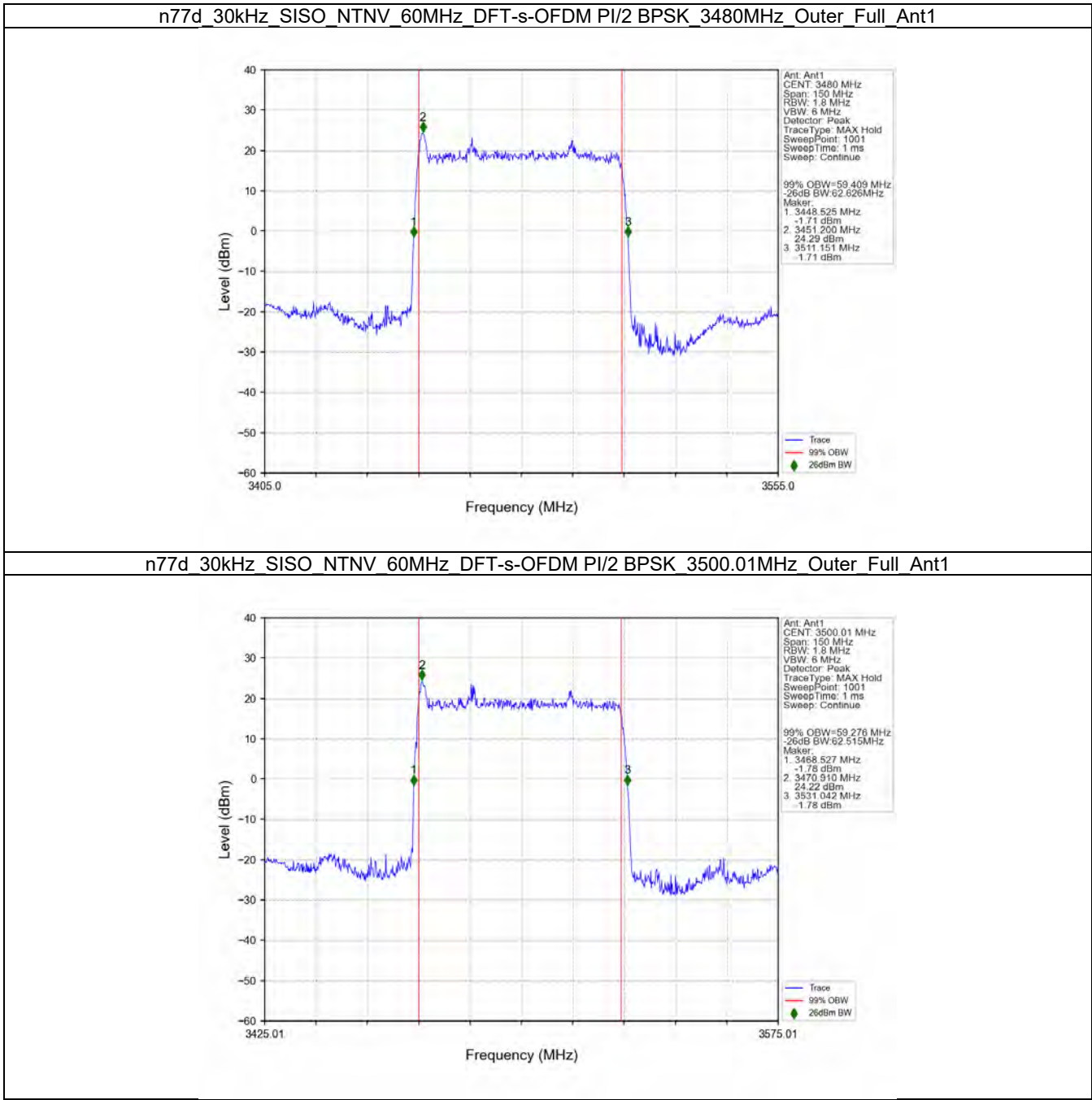
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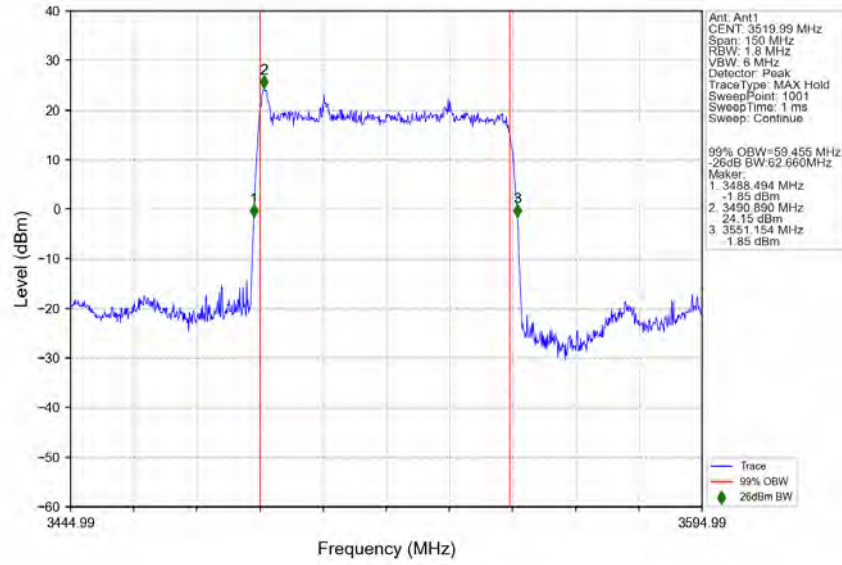
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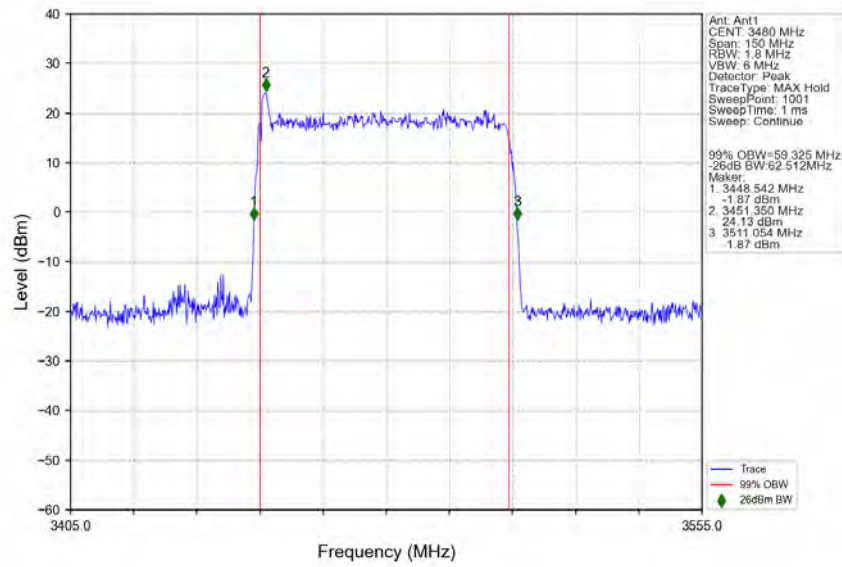
3.2.6 30k_SISO_60MHz_NTNV



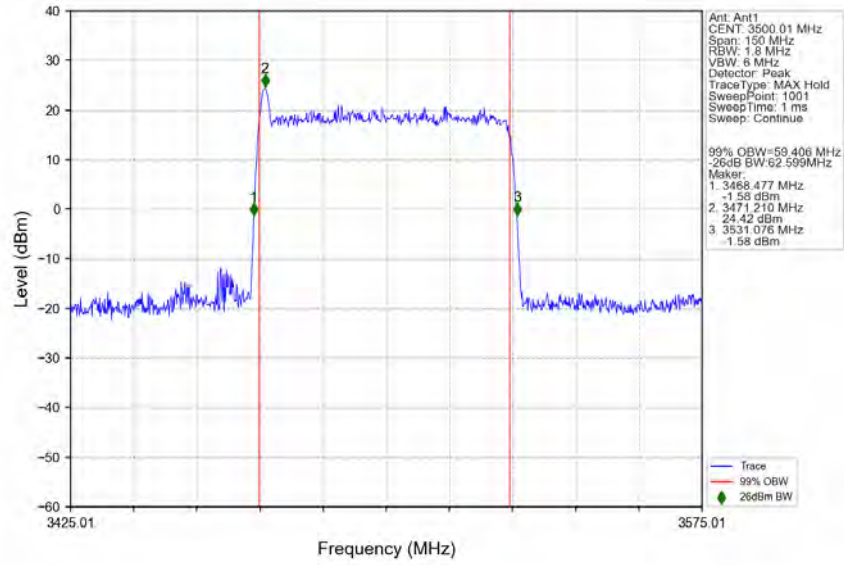
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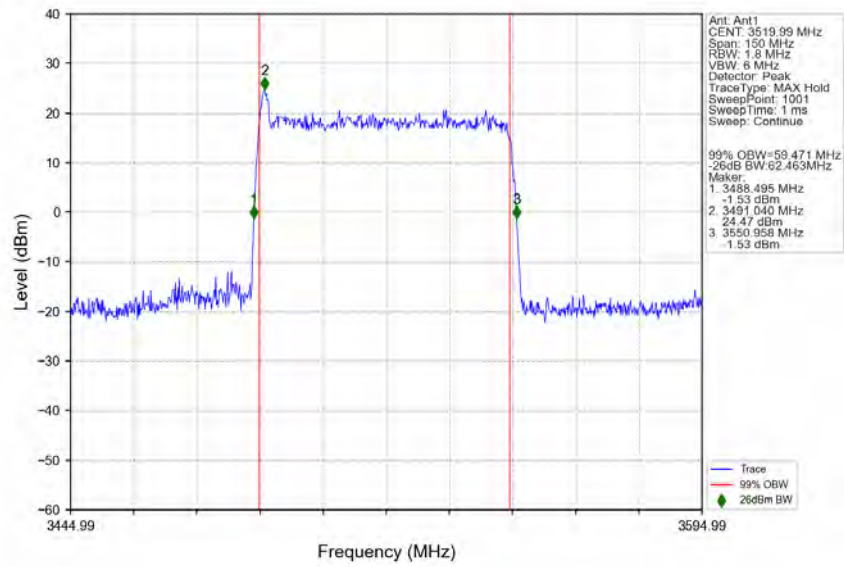
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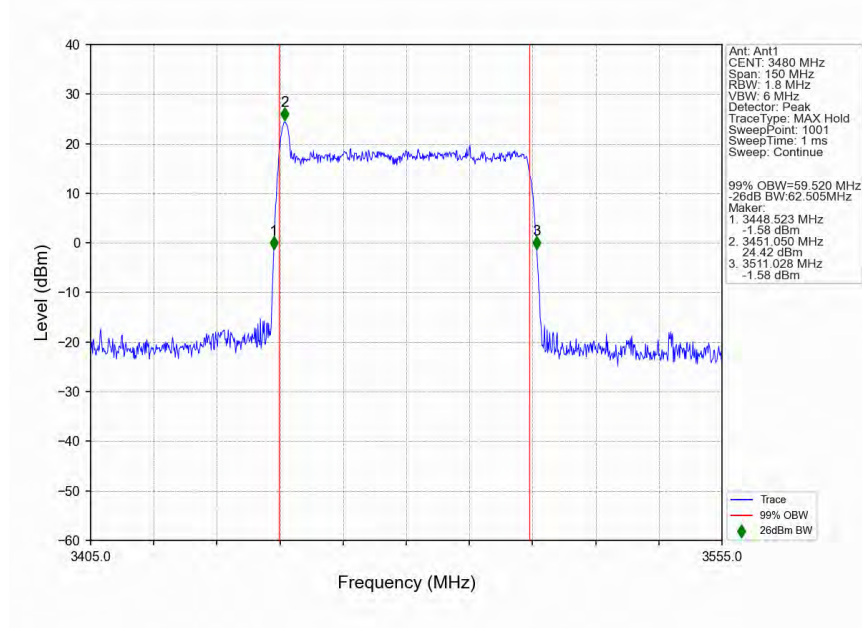
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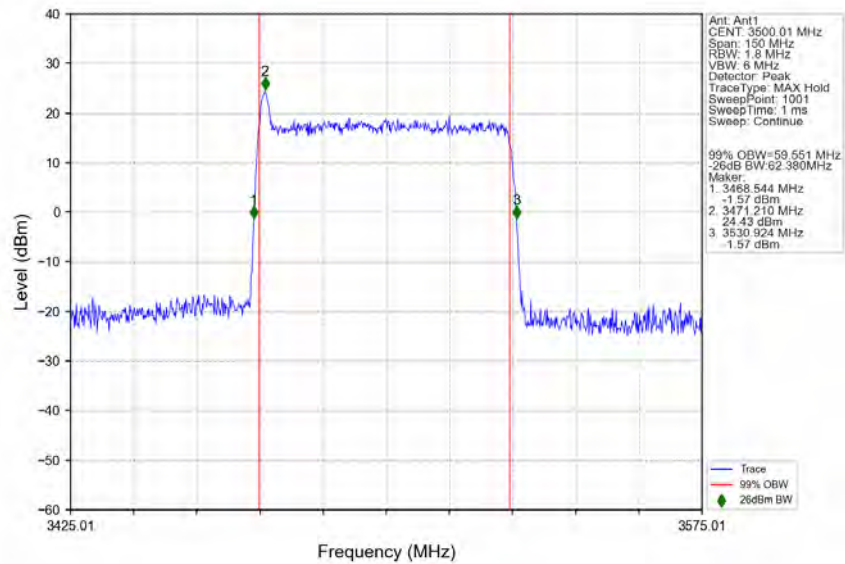
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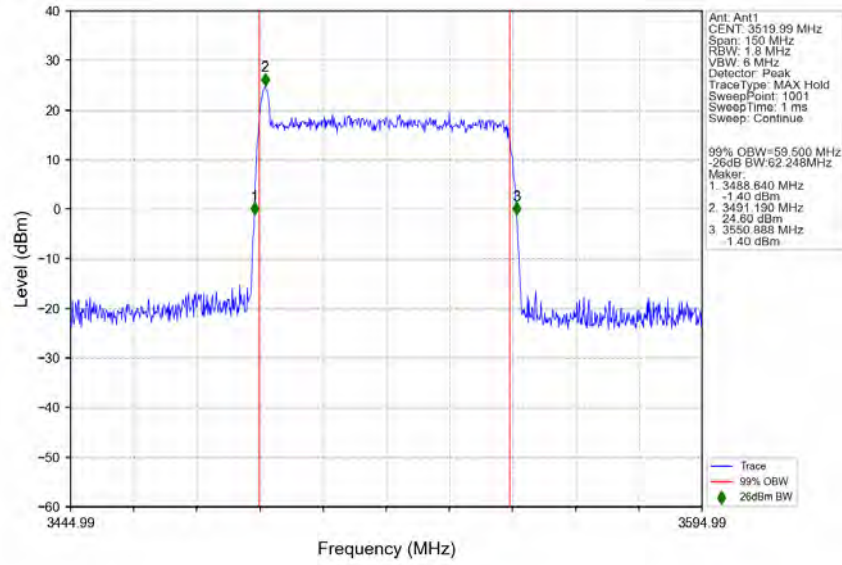
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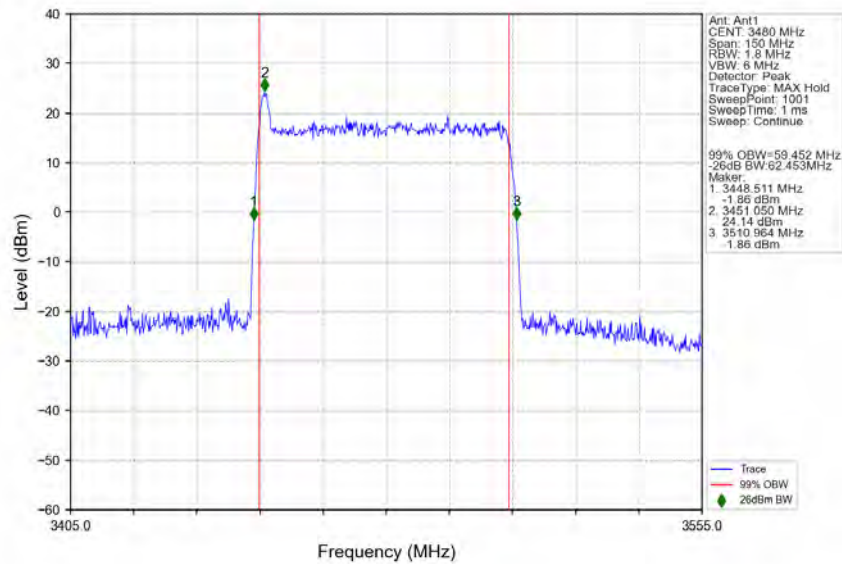
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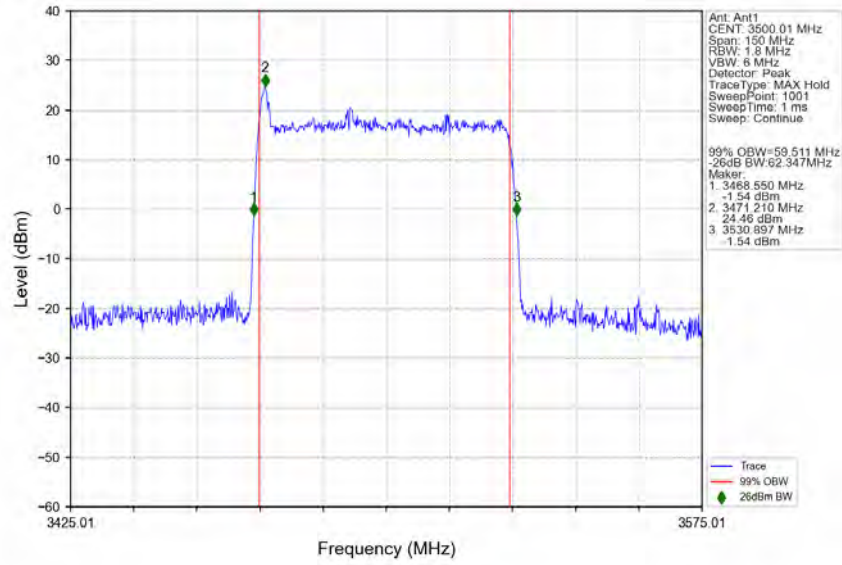
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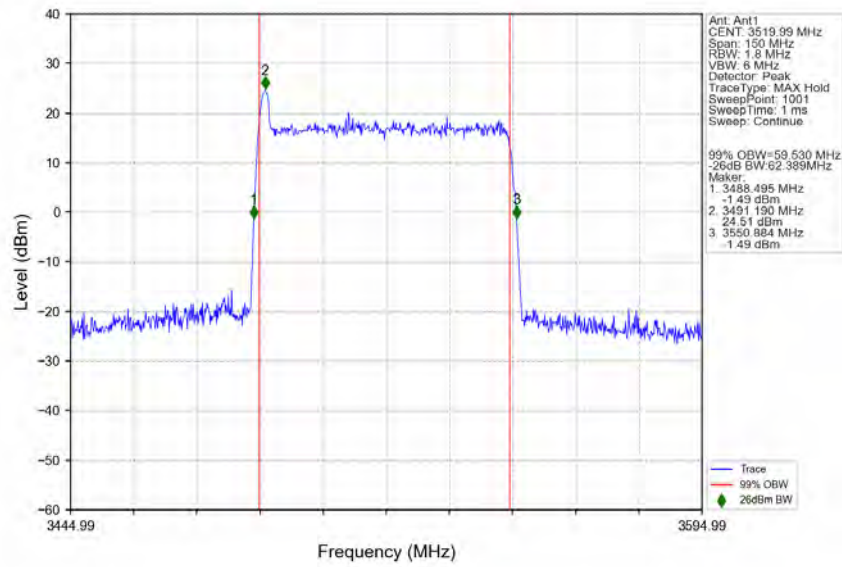
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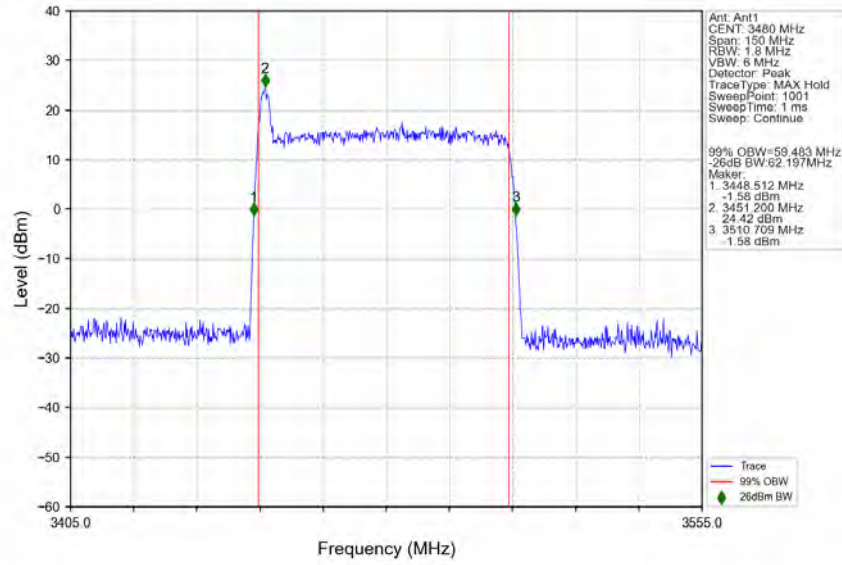
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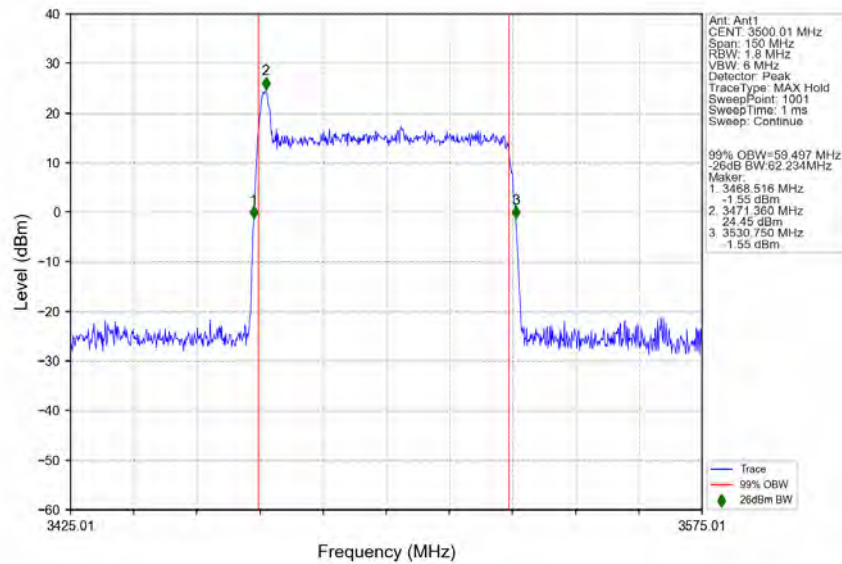
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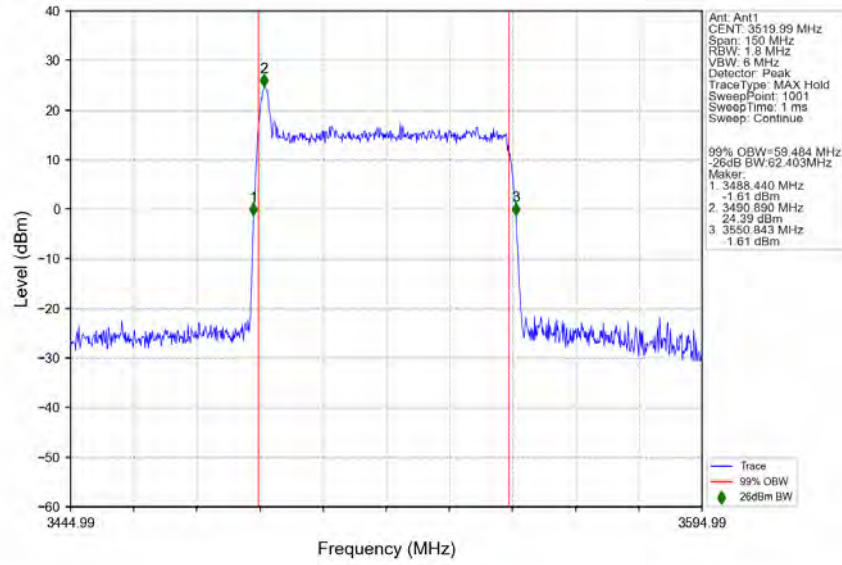
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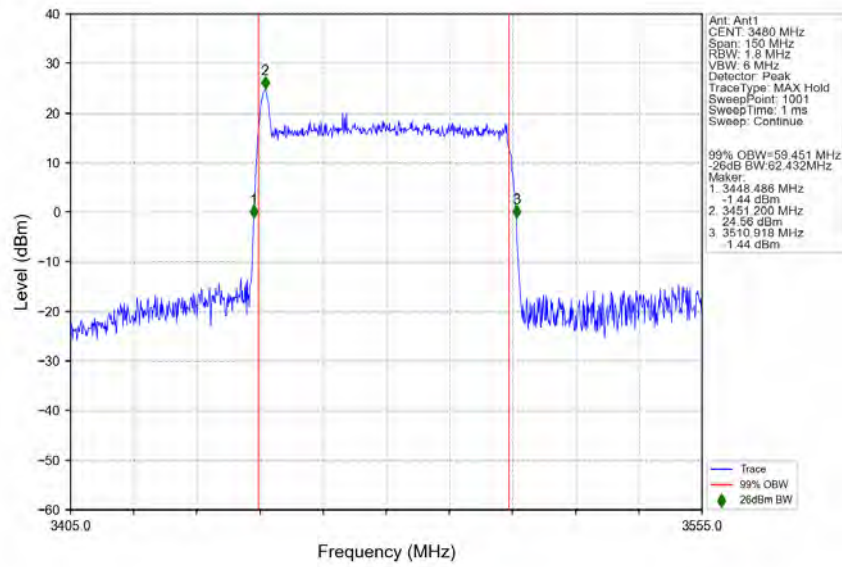
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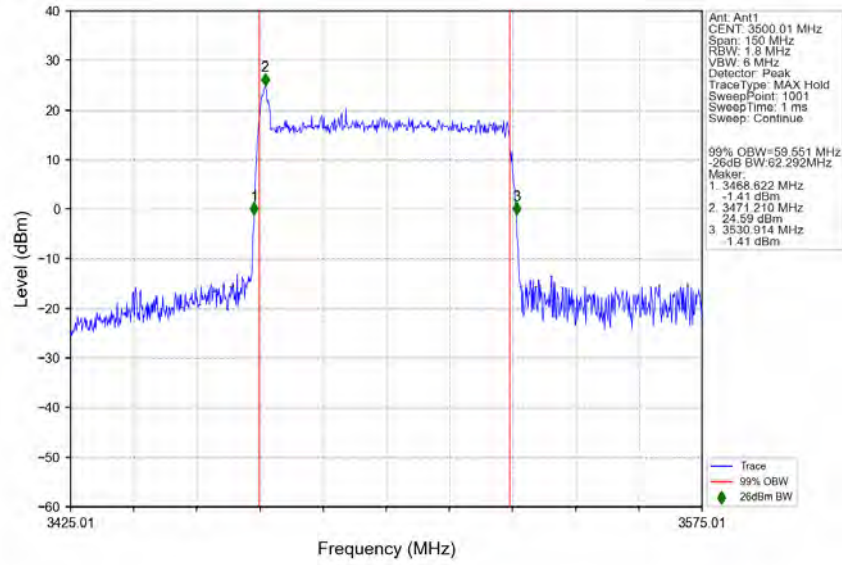
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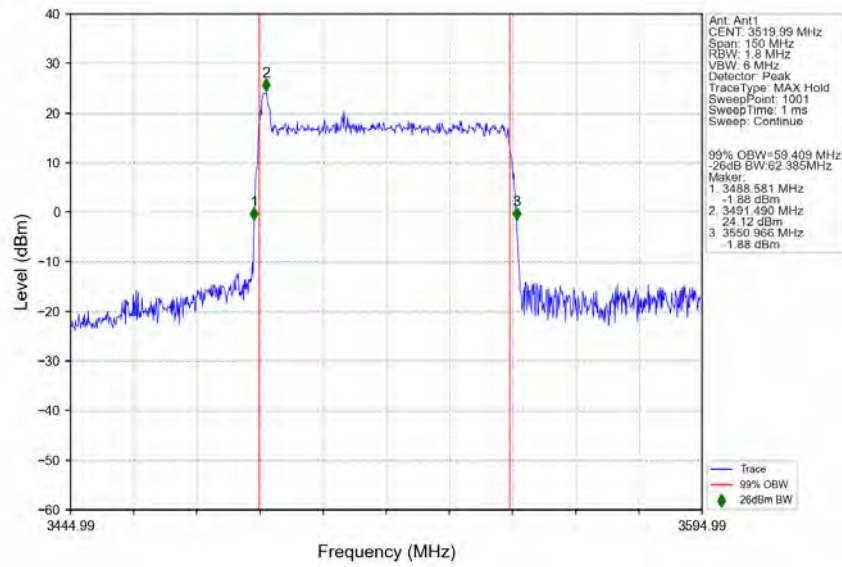
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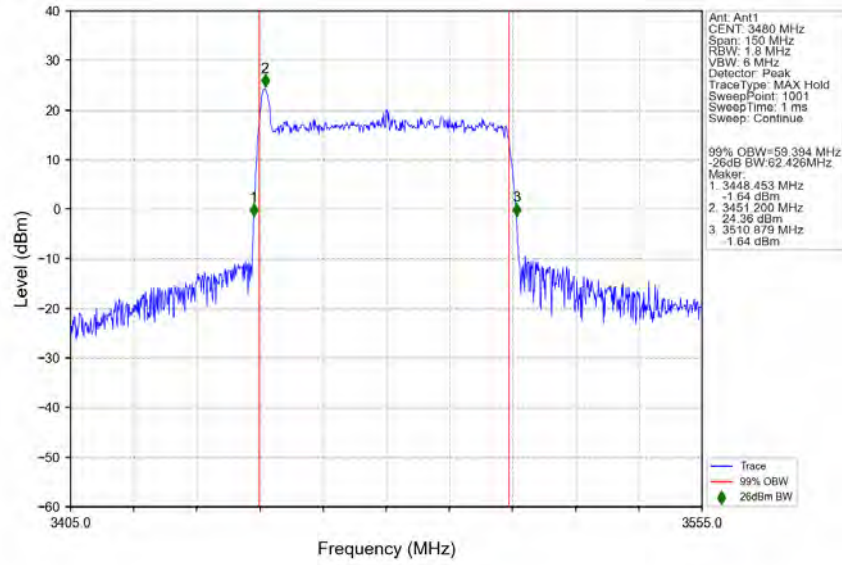
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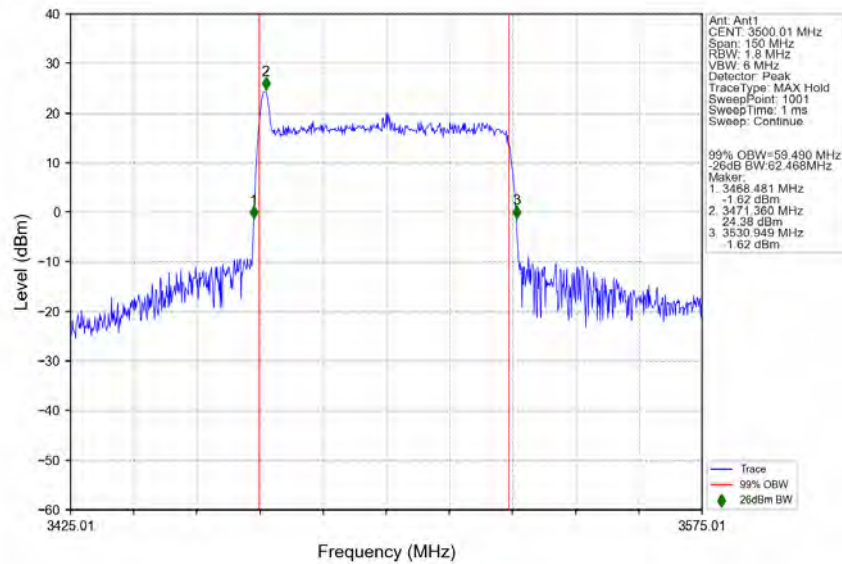
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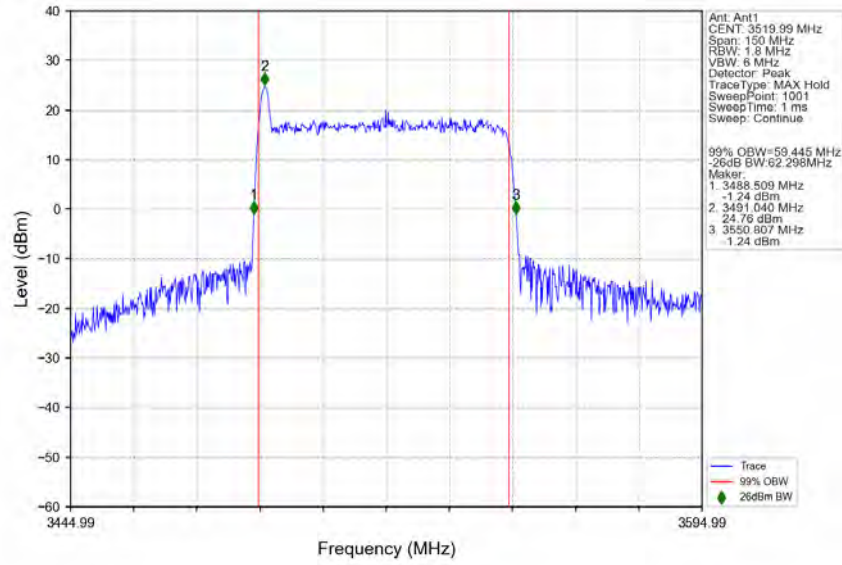
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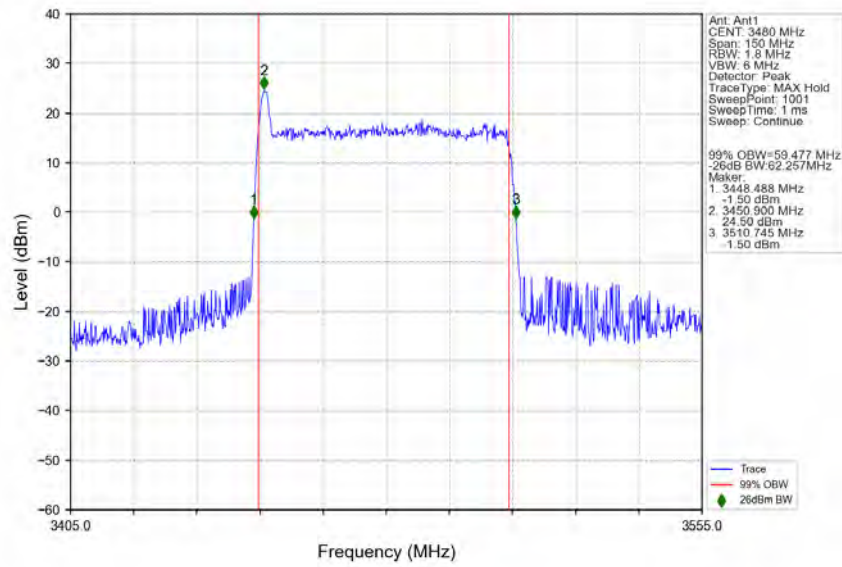
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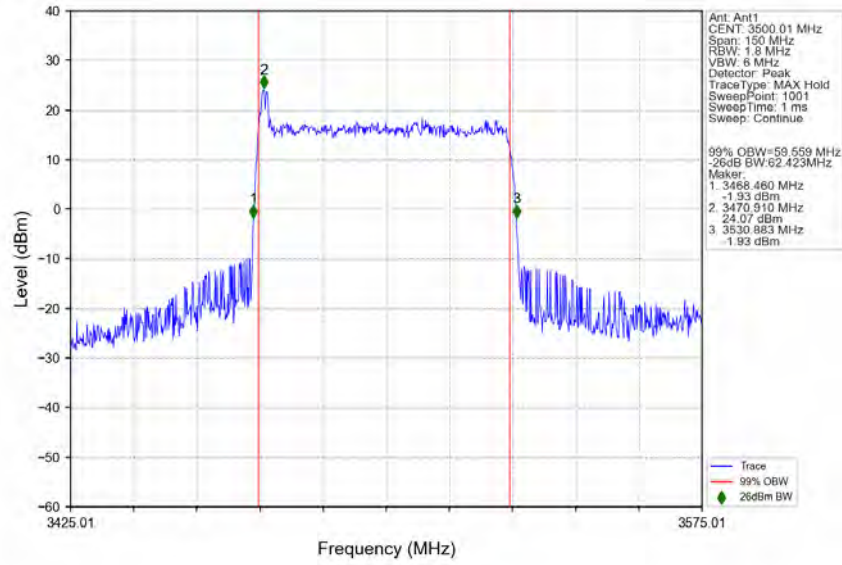
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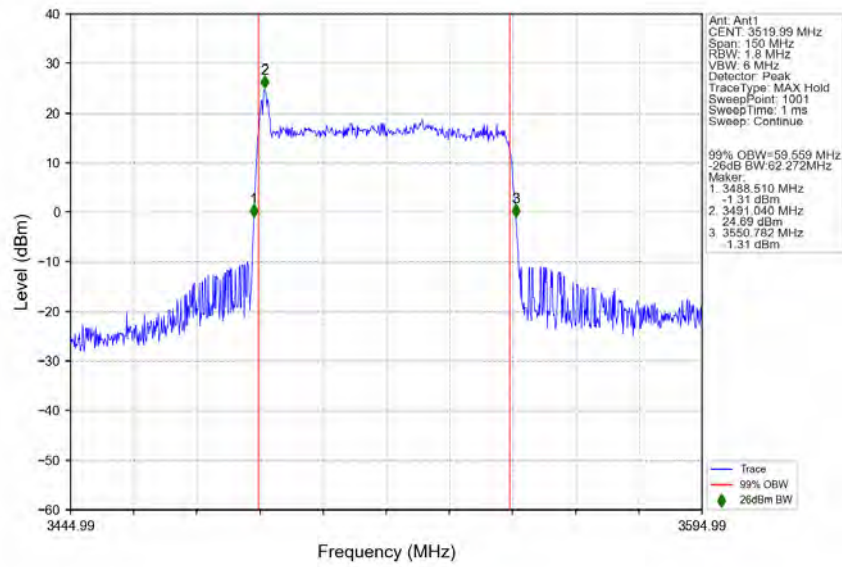
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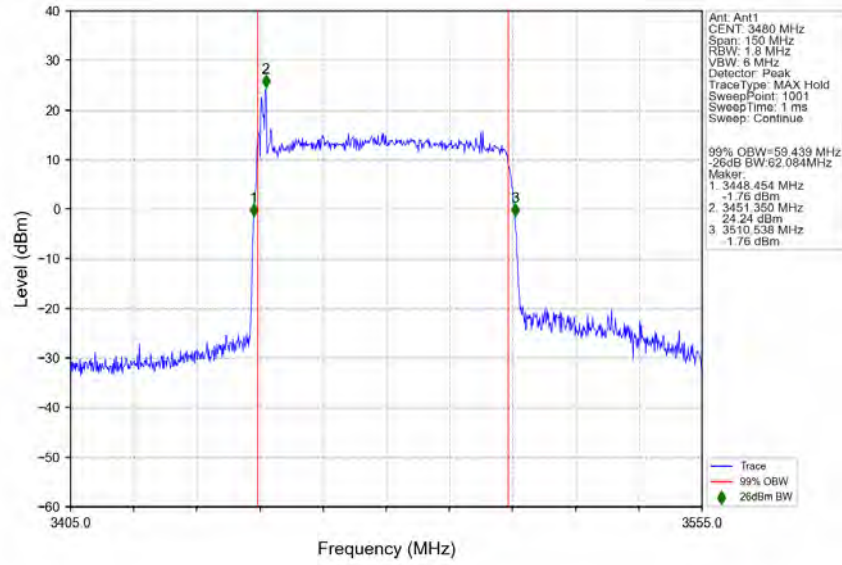
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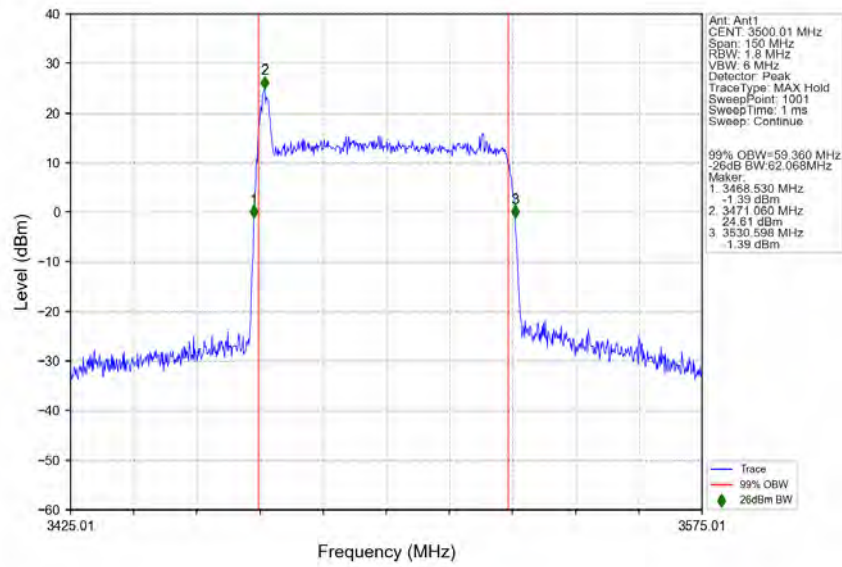
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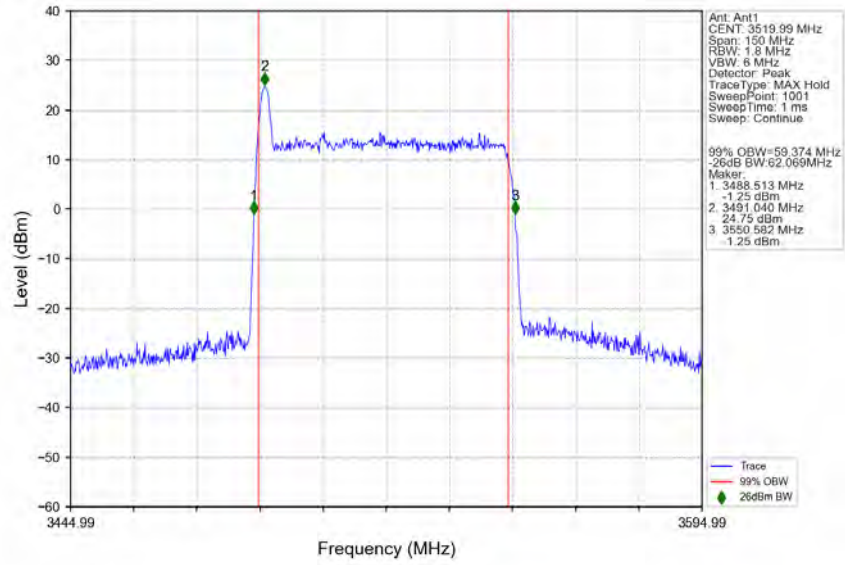
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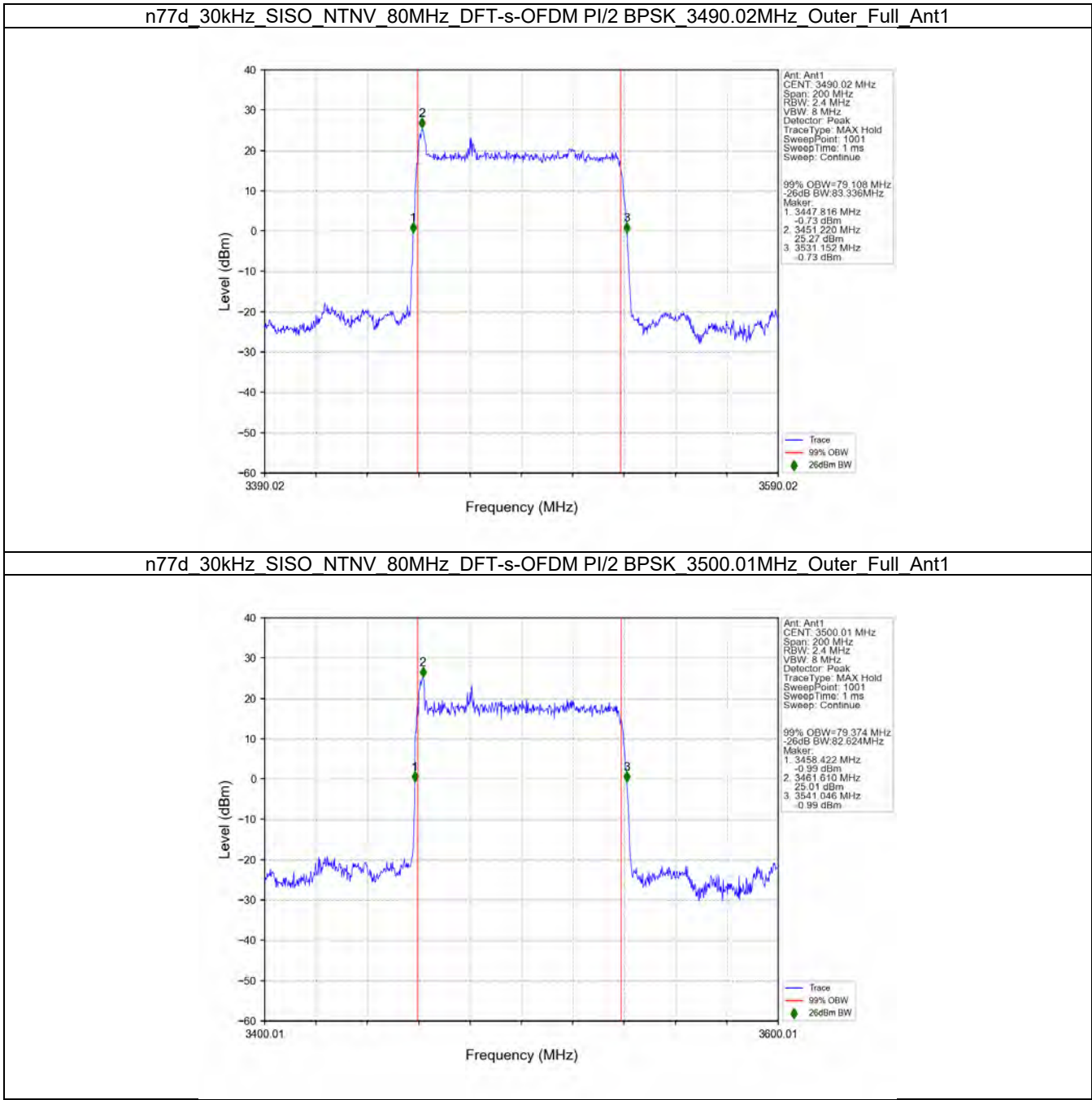
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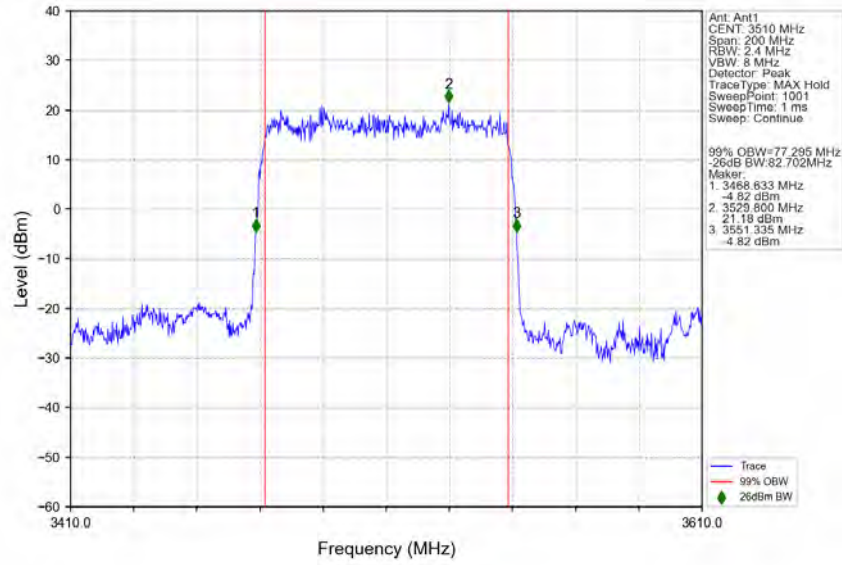
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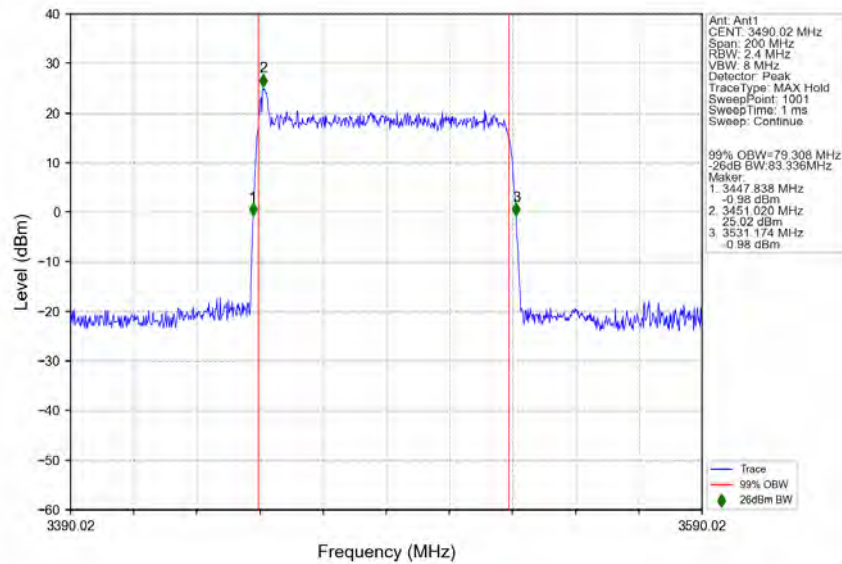
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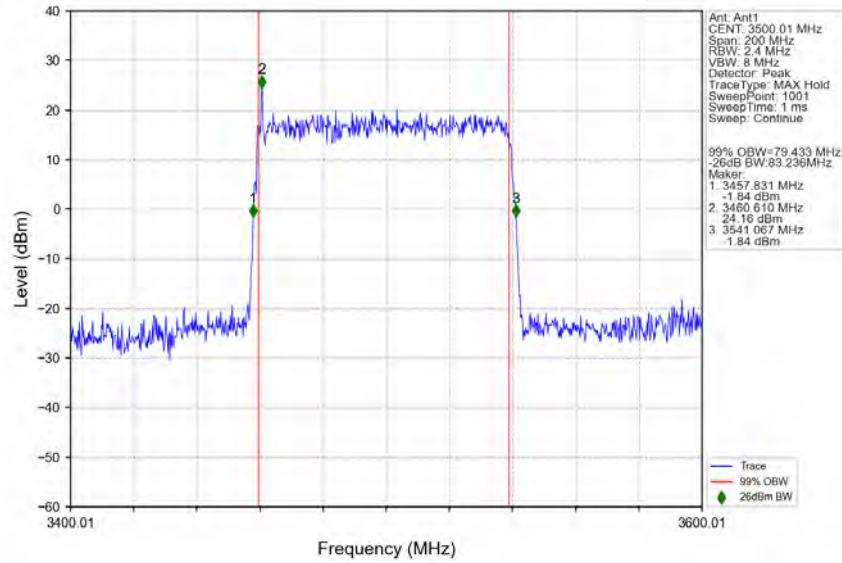
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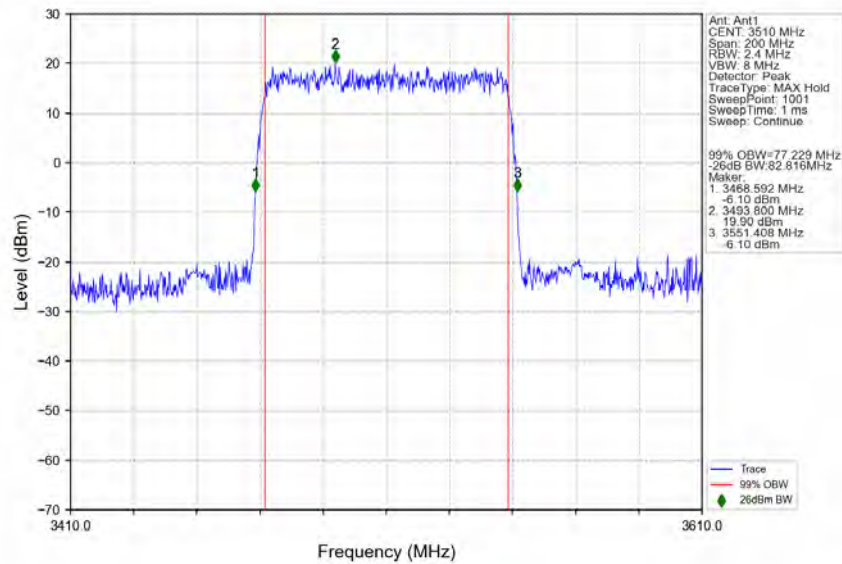
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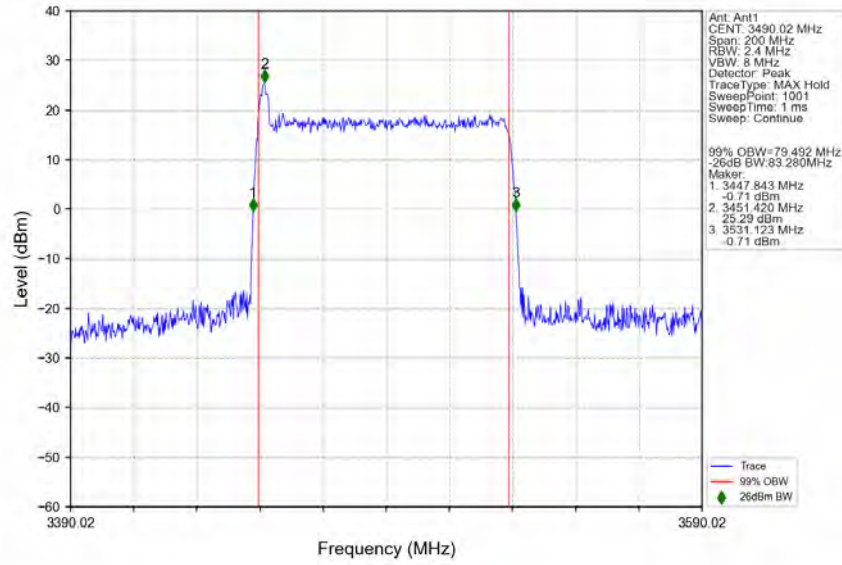
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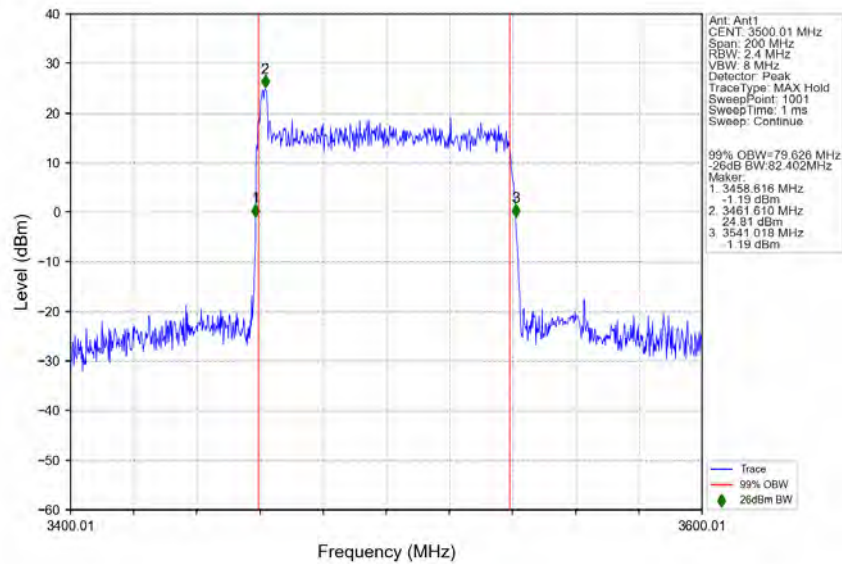
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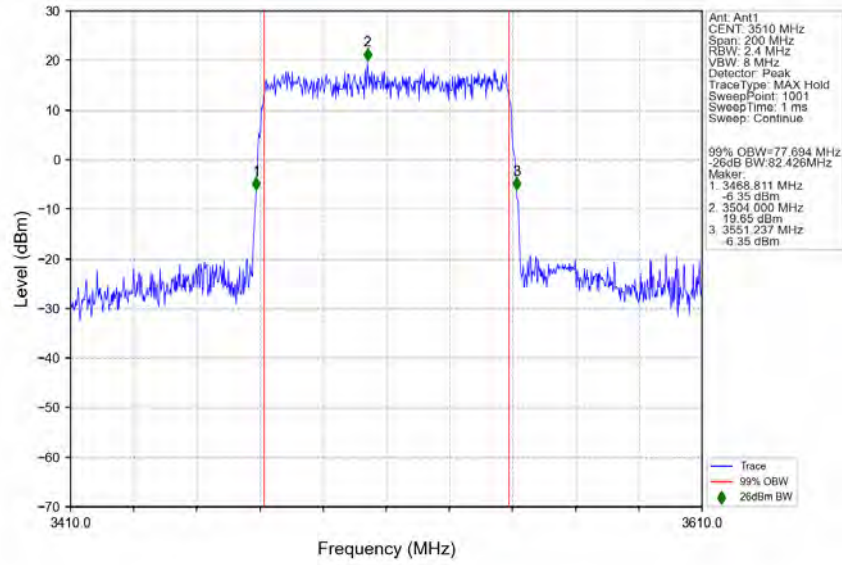
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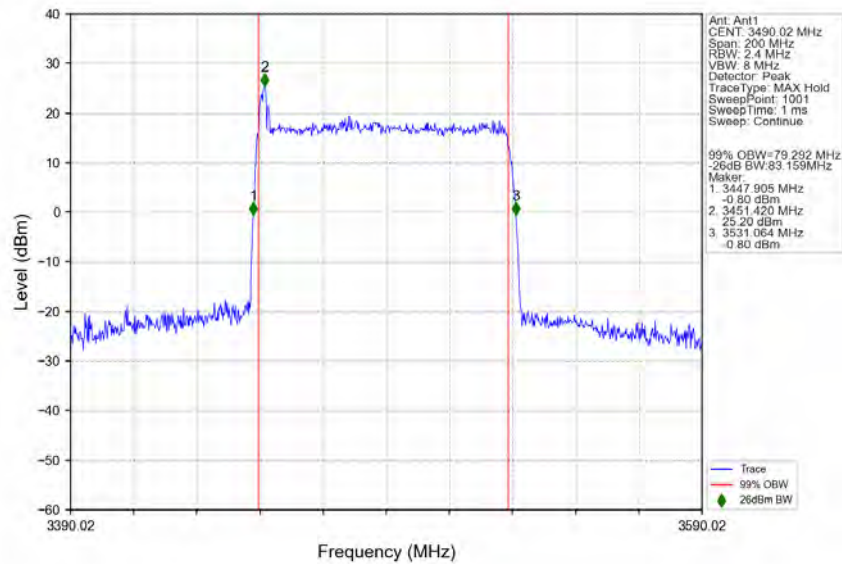
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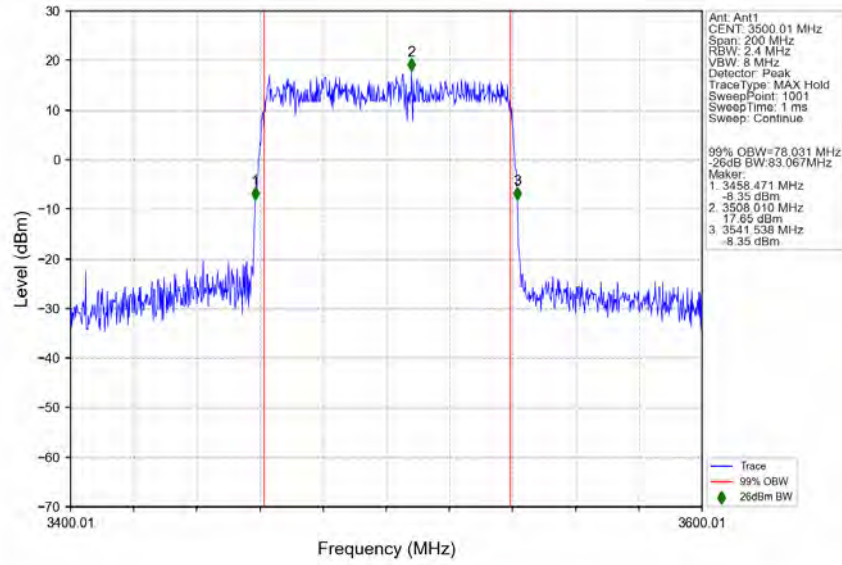
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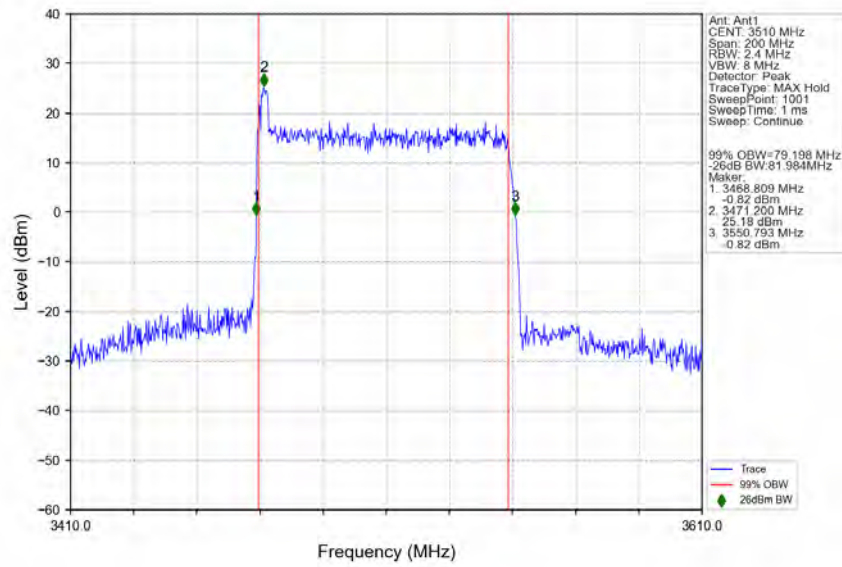
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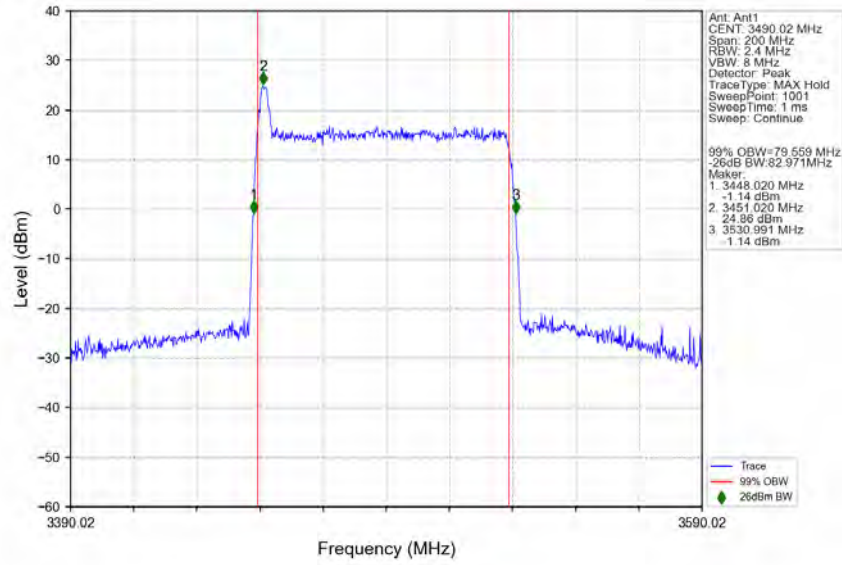
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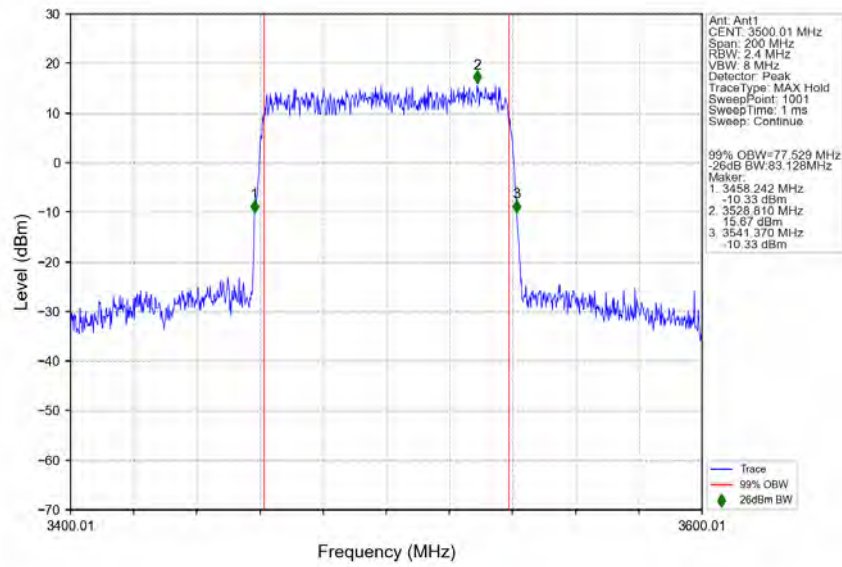
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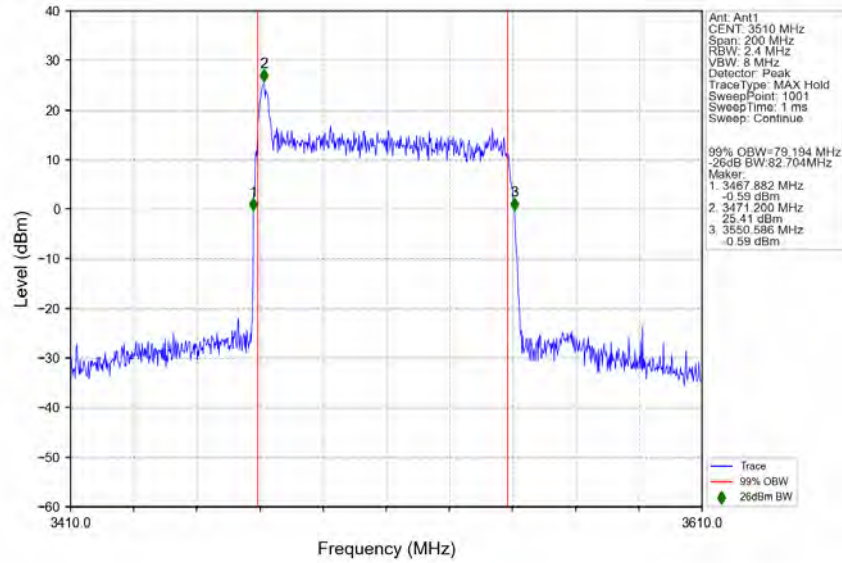
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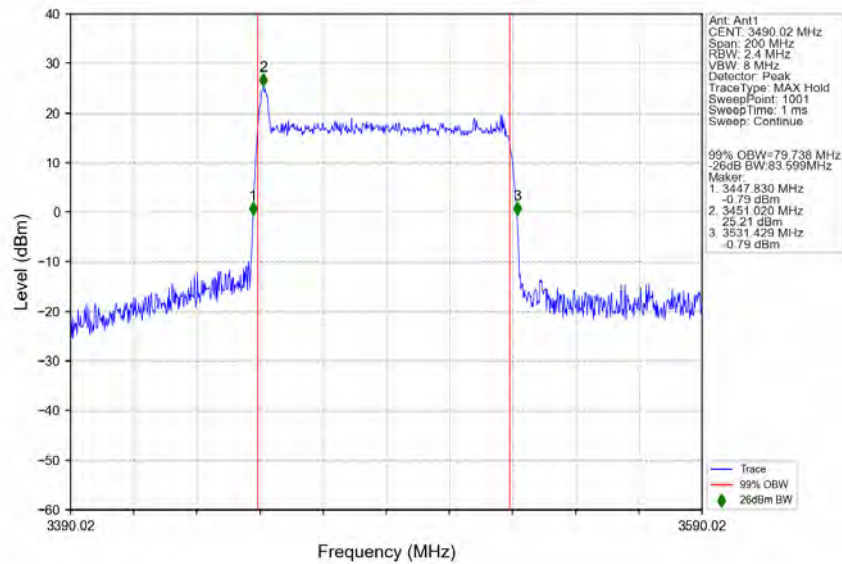
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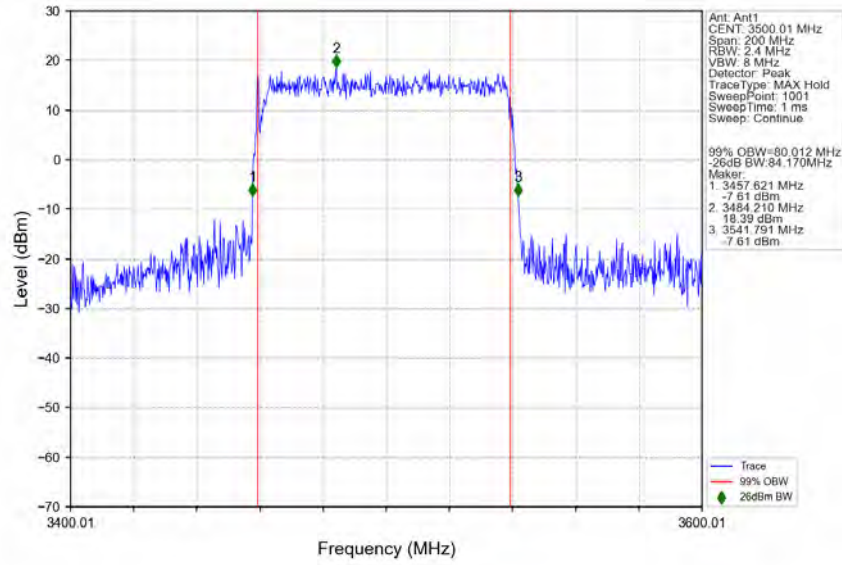
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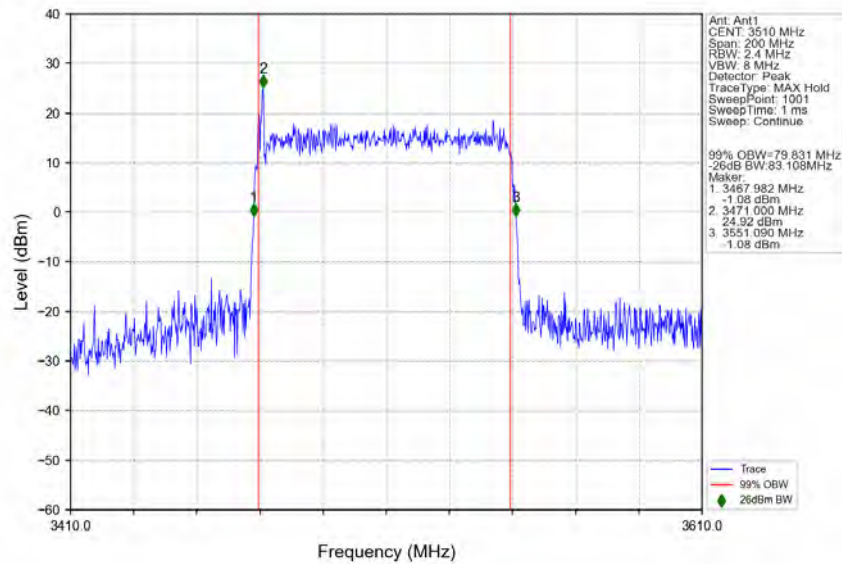
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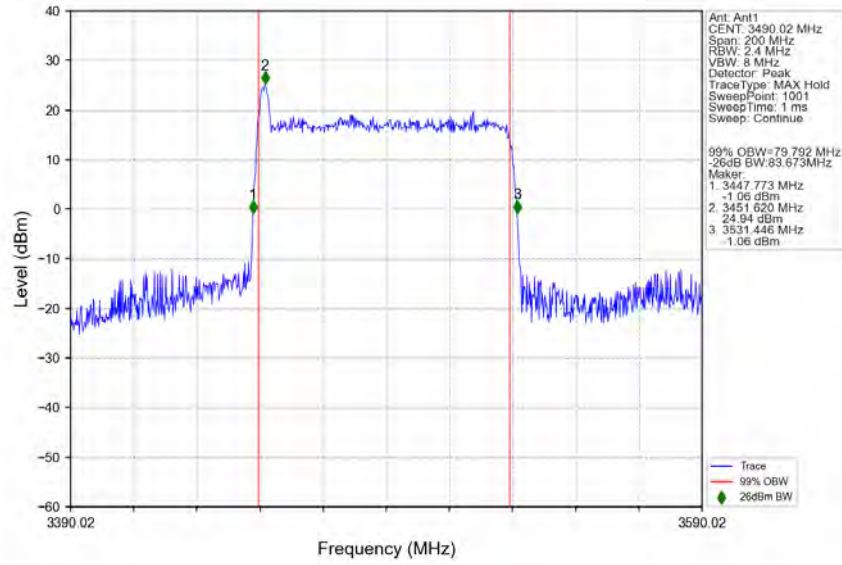
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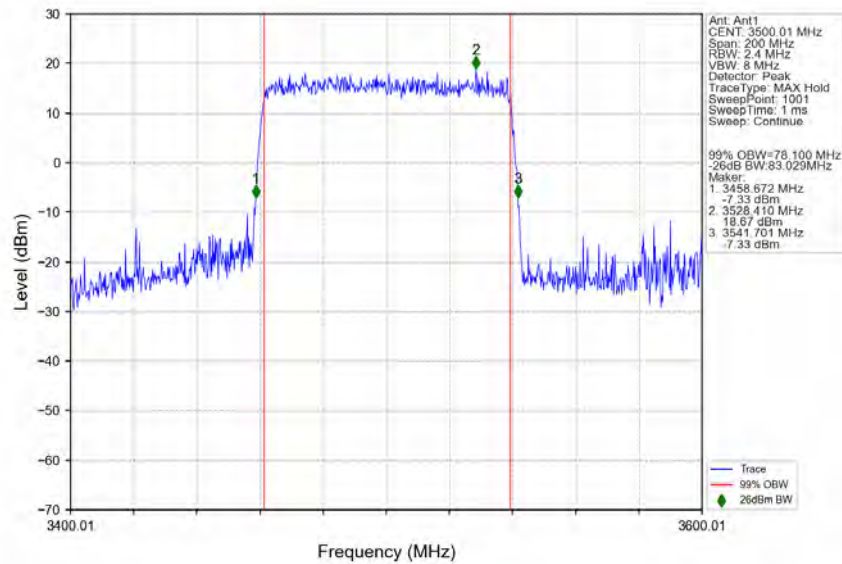
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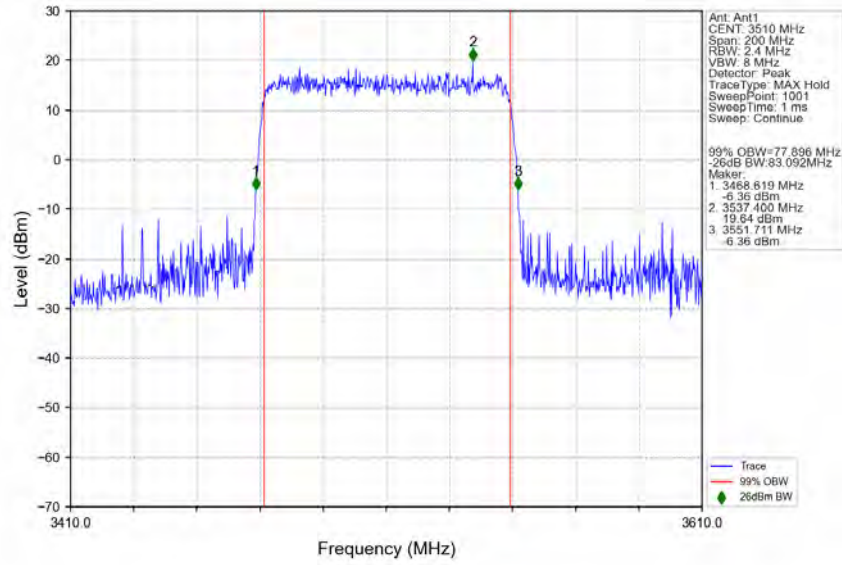
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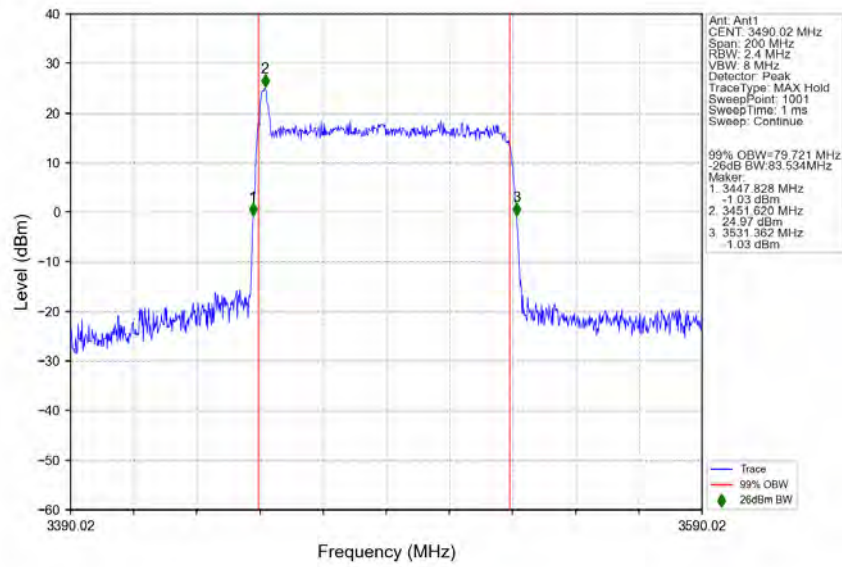
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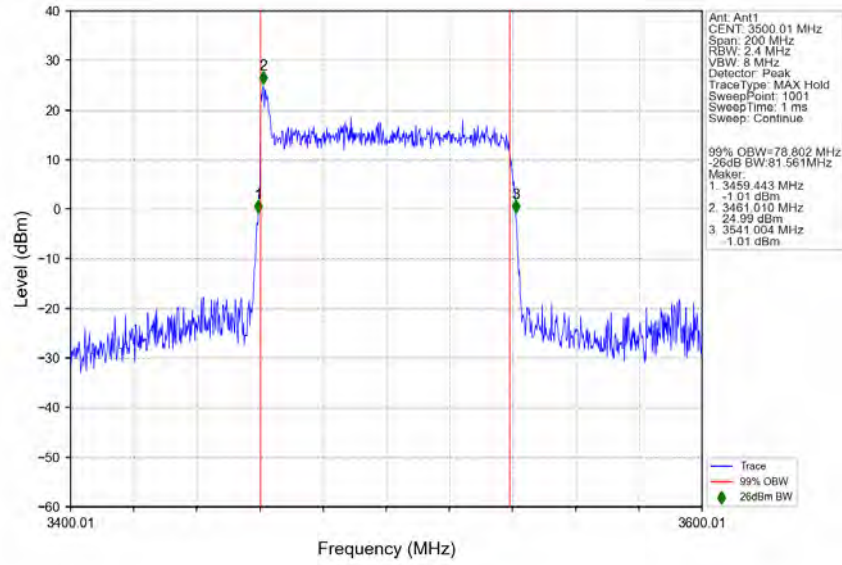
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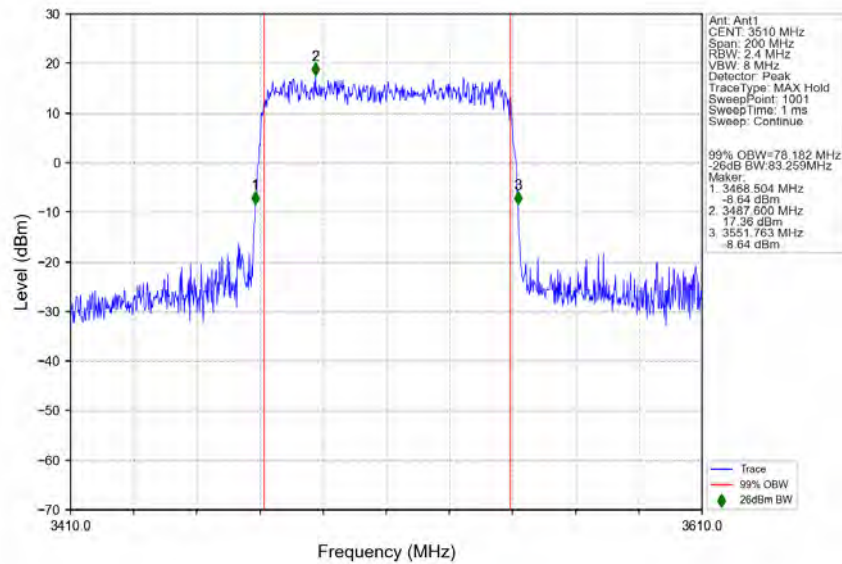
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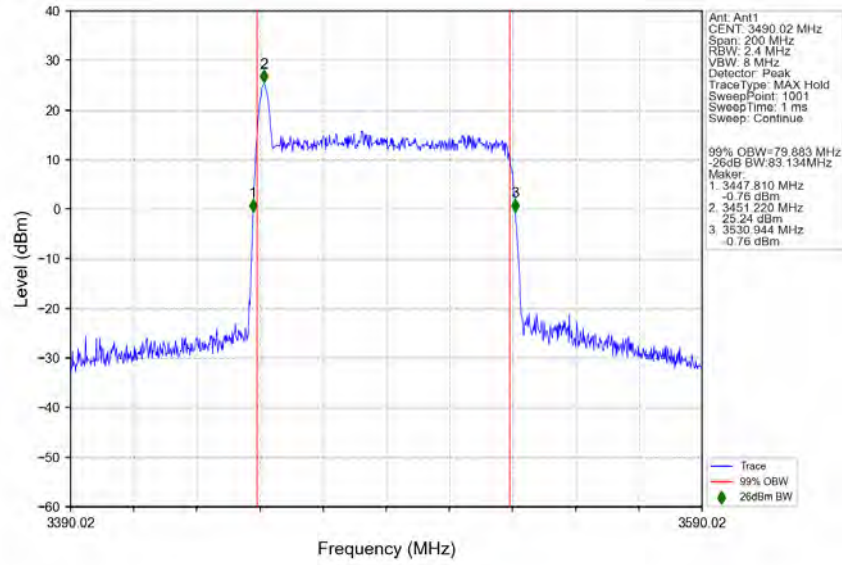
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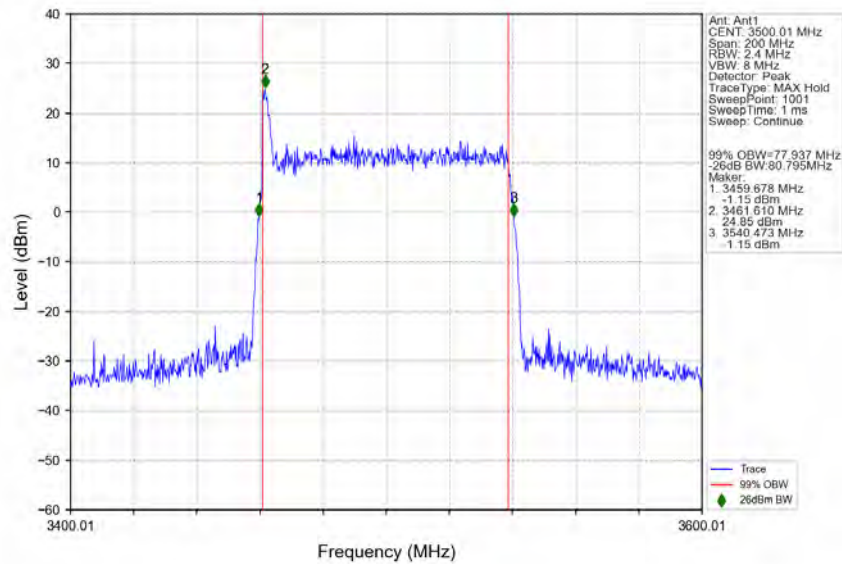
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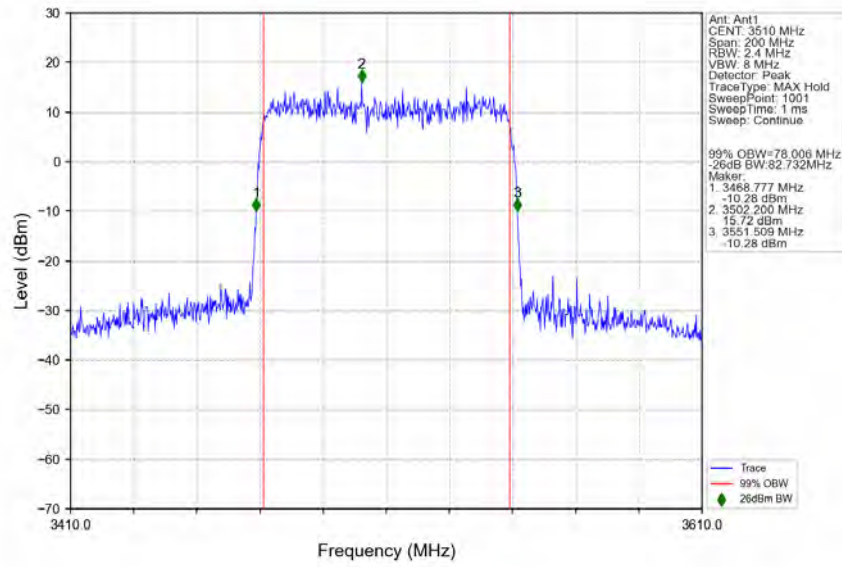
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n77d_30kHz_SISO_NTNV_80MHz_CP-OFDM_256_QAM_3510MHz_Outer_Full_Ant1



3.2.8 30k_SISO_90MHz_NTNV

