

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_10MHz_NTNV_EIRP

5G NR n77d SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3455.01	Edge 1RB Left	16.98	/	/	15.30	/	/	<=30	Pass
		Edge 1RB Right	16.53	/	/	14.85	/	/	<=30	Pass
		Outer Full	16.31	/	/	14.63	/	/	<=30	Pass
		Inner Full	16.16	/	/	14.48	/	/	<=30	Pass
		Inner 1RB Left	16.27	/	/	14.59	/	/	<=30	Pass
		Inner 1RB Right	16.53	/	/	14.85	/	/	<=30	Pass
	3499.995	Edge 1RB Left	16.46	/	/	14.78	/	/	<=30	Pass
		Edge 1RB Right	15.87	/	/	14.19	/	/	<=30	Pass
		Outer Full	15.80	/	/	14.12	/	/	<=30	Pass
		Inner Full	15.54	/	/	13.86	/	/	<=30	Pass
		Inner 1RB Left	15.66	/	/	13.98	/	/	<=30	Pass
		Inner 1RB Right	15.82	/	/	14.14	/	/	<=30	Pass
	3544.995	Edge 1RB Left	16.31	/	/	14.63	/	/	<=30	Pass
		Edge 1RB Right	15.86	/	/	14.18	/	/	<=30	Pass
		Outer Full	15.71	/	/	14.03	/	/	<=30	Pass
		Inner Full	15.48	/	/	13.80	/	/	<=30	Pass
		Inner 1RB Left	15.58	/	/	13.90	/	/	<=30	Pass
		Inner 1RB Right	15.84	/	/	14.16	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3455.01	Edge 1RB Left	16.72	/	/	15.04	/	/	<=30	Pass
		Edge 1RB Right	16.26	/	/	14.58	/	/	<=30	Pass
		Outer Full	16.22	/	/	14.54	/	/	<=30	Pass
		Inner Full	16.15	/	/	14.47	/	/	<=30	Pass
		Inner 1RB Left	16.04	/	/	14.36	/	/	<=30	Pass
		Inner 1RB Right	16.22	/	/	14.54	/	/	<=30	Pass
	3499.995	Edge 1RB Left	16.23	/	/	14.55	/	/	<=30	Pass
		Edge 1RB Right	15.75	/	/	14.07	/	/	<=30	Pass
		Outer Full	15.59	/	/	13.91	/	/	<=30	Pass
		Inner Full	15.54	/	/	13.86	/	/	<=30	Pass
		Inner 1RB Left	15.55	/	/	13.87	/	/	<=30	Pass
		Inner 1RB Right	15.74	/	/	14.06	/	/	<=30	Pass
	3544.995	Edge 1RB Left	16.06	/	/	14.38	/	/	<=30	Pass
		Edge 1RB Right	15.66	/	/	13.98	/	/	<=30	Pass
		Outer Full	15.53	/	/	13.85	/	/	<=30	Pass
		Inner Full	15.46	/	/	13.78	/	/	<=30	Pass
		Inner 1RB Left	15.41	/	/	13.73	/	/	<=30	Pass
		Inner 1RB Right	15.65	/	/	13.97	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3455.01	Edge 1RB Left	17.22	/	/	15.54	/	/	<=30	Pass
		Edge 1RB Right	16.70	/	/	15.02	/	/	<=30	Pass
		Outer Full	16.21	/	/	14.53	/	/	<=30	Pass
		Inner Full	16.14	/	/	14.46	/	/	<=30	Pass
		Inner 1RB Left	16.54	/	/	14.86	/	/	<=30	Pass
		Inner 1RB Right	16.66	/	/	14.98	/	/	<=30	Pass
	3499.995	Edge 1RB Left	16.19	/	/	14.51	/	/	<=30	Pass
		Edge 1RB Right	15.67	/	/	13.99	/	/	<=30	Pass
		Outer Full	15.58	/	/	13.90	/	/	<=30	Pass
		Inner Full	15.54	/	/	13.86	/	/	<=30	Pass
		Inner 1RB Left	15.46	/	/	13.78	/	/	<=30	Pass
		Inner 1RB Right	15.65	/	/	13.97	/	/	<=30	Pass

	3544.995	Edge_1RB_Left	16.19	/	/	14.51	/	/	<=30	Pass
		Edge_1RB_Right	15.83	/	/	14.15	/	/	<=30	Pass
		Outer_Full	15.50	/	/	13.82	/	/	<=30	Pass
		Inner_Full	15.44	/	/	13.76	/	/	<=30	Pass
		Inner_1RB_Left	15.53	/	/	13.85	/	/	<=30	Pass
		Inner_1RB_Right	15.76	/	/	14.08	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3455.01	Edge_1RB_Left	16.37	/	/	14.69	/	/	<=30	Pass
		Edge_1RB_Right	15.84	/	/	14.16	/	/	<=30	Pass
		Outer_Full	15.34	/	/	13.66	/	/	<=30	Pass
		Inner_Full	15.68	/	/	14.00	/	/	<=30	Pass
		Inner_1RB_Left	15.73	/	/	14.05	/	/	<=30	Pass
		Inner_1RB_Right	15.84	/	/	14.16	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	15.79	/	/	14.11	/	/	<=30	Pass
		Edge_1RB_Right	15.31	/	/	13.63	/	/	<=30	Pass
		Outer_Full	14.69	/	/	13.01	/	/	<=30	Pass
		Inner_Full	15.07	/	/	13.39	/	/	<=30	Pass
		Inner_1RB_Left	15.07	/	/	13.39	/	/	<=30	Pass
		Inner_1RB_Right	15.23	/	/	13.55	/	/	<=30	Pass
	3544.995	Edge_1RB_Left	15.59	/	/	13.91	/	/	<=30	Pass
		Edge_1RB_Right	15.11	/	/	13.43	/	/	<=30	Pass
		Outer_Full	14.51	/	/	12.83	/	/	<=30	Pass
		Inner_Full	14.86	/	/	13.18	/	/	<=30	Pass
		Inner_1RB_Left	14.83	/	/	13.15	/	/	<=30	Pass
		Inner_1RB_Right	15.12	/	/	13.44	/	/	<=30	Pass
CP-OFDM QPSK	3455.01	Edge_1RB_Left	16.90	/	/	15.22	/	/	<=30	Pass
		Edge_1RB_Right	16.39	/	/	14.71	/	/	<=30	Pass
		Outer_Full	16.24	/	/	14.56	/	/	<=30	Pass
		Inner_Full	16.12	/	/	14.44	/	/	<=30	Pass
		Inner_1RB_Left	16.21	/	/	14.53	/	/	<=30	Pass
		Inner_1RB_Right	16.40	/	/	14.72	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	16.35	/	/	14.67	/	/	<=30	Pass
		Edge_1RB_Right	15.79	/	/	14.11	/	/	<=30	Pass
		Outer_Full	15.65	/	/	13.97	/	/	<=30	Pass
		Inner_Full	15.49	/	/	13.81	/	/	<=30	Pass
		Inner_1RB_Left	15.64	/	/	13.96	/	/	<=30	Pass
		Inner_1RB_Right	15.81	/	/	14.13	/	/	<=30	Pass
	3544.995	Edge_1RB_Left	16.13	/	/	14.45	/	/	<=30	Pass
		Edge_1RB_Right	15.73	/	/	14.05	/	/	<=30	Pass
		Outer_Full	15.54	/	/	13.86	/	/	<=30	Pass
		Inner_Full	15.41	/	/	13.73	/	/	<=30	Pass
		Inner_1RB_Left	15.52	/	/	13.84	/	/	<=30	Pass
		Inner_1RB_Right	15.84	/	/	14.16	/	/	<=30	Pass
CP-OFDM 16 QAM	3455.01	Edge_1RB_Left	16.88	/	/	15.20	/	/	<=30	Pass
		Edge_1RB_Right	16.54	/	/	14.86	/	/	<=30	Pass
		Outer_Full	16.23	/	/	14.55	/	/	<=30	Pass
		Inner_Full	16.14	/	/	14.46	/	/	<=30	Pass
		Inner_1RB_Left	16.33	/	/	14.65	/	/	<=30	Pass
		Inner_1RB_Right	16.59	/	/	14.91	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	16.27	/	/	14.59	/	/	<=30	Pass
		Edge_1RB_Right	15.84	/	/	14.16	/	/	<=30	Pass
		Outer_Full	15.62	/	/	13.94	/	/	<=30	Pass
		Inner_Full	15.47	/	/	13.79	/	/	<=30	Pass
		Inner_1RB_Left	15.68	/	/	14.00	/	/	<=30	Pass
		Inner_1RB_Right	15.88	/	/	14.20	/	/	<=30	Pass
	3544.995	Edge_1RB_Left	16.06	/	/	14.38	/	/	<=30	Pass
		Edge_1RB_Right	15.77	/	/	14.09	/	/	<=30	Pass
		Outer_Full	15.49	/	/	13.81	/	/	<=30	Pass
		Inner_Full	15.38	/	/	13.70	/	/	<=30	Pass
		Inner_1RB_Left	15.49	/	/	13.81	/	/	<=30	Pass

		Inner_1RB_Right	15.76	/	/	14.08	/	/	<=30	Pass
CP-OFDM 64 QAM	3455.01	Edge_1RB_Left	16.82	/	/	15.14	/	/	<=30	Pass
		Edge_1RB_Right	16.69	/	/	15.01	/	/	<=30	Pass
		Outer_Full	15.79	/	/	14.11	/	/	<=30	Pass
		Inner_Full	16.16	/	/	14.48	/	/	<=30	Pass
		Inner_1RB_Left	16.54	/	/	14.86	/	/	<=30	Pass
		Inner_1RB_Right	16.67	/	/	14.99	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	16.47	/	/	14.79	/	/	<=30	Pass
		Edge_1RB_Right	15.63	/	/	13.95	/	/	<=30	Pass
		Outer_Full	15.12	/	/	13.44	/	/	<=30	Pass
		Inner_Full	15.49	/	/	13.81	/	/	<=30	Pass
		Inner_1RB_Left	15.79	/	/	14.11	/	/	<=30	Pass
		Inner_1RB_Right	15.65	/	/	13.97	/	/	<=30	Pass
	3544.995	Edge_1RB_Left	16.19	/	/	14.51	/	/	<=30	Pass
		Edge_1RB_Right	15.81	/	/	14.13	/	/	<=30	Pass
		Outer_Full	15.08	/	/	13.40	/	/	<=30	Pass
		Inner_Full	15.39	/	/	13.71	/	/	<=30	Pass
		Inner_1RB_Left	15.54	/	/	13.86	/	/	<=30	Pass
		Inner_1RB_Right	15.81	/	/	14.13	/	/	<=30	Pass
CP-OFDM 256 QAM	3455.01	Edge_1RB_Left	14.70	/	/	13.02	/	/	<=30	Pass
		Edge_1RB_Right	14.16	/	/	12.48	/	/	<=30	Pass
		Outer_Full	13.40	/	/	11.72	/	/	<=30	Pass
		Inner_Full	13.82	/	/	12.14	/	/	<=30	Pass
		Inner_1RB_Left	13.97	/	/	12.29	/	/	<=30	Pass
		Inner_1RB_Right	14.17	/	/	12.49	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	14.17	/	/	12.49	/	/	<=30	Pass
		Edge_1RB_Right	13.66	/	/	11.98	/	/	<=30	Pass
		Outer_Full	12.94	/	/	11.26	/	/	<=30	Pass
		Inner_Full	13.37	/	/	11.69	/	/	<=30	Pass
		Inner_1RB_Left	13.50	/	/	11.82	/	/	<=30	Pass
		Inner_1RB_Right	13.72	/	/	12.04	/	/	<=30	Pass
	3544.995	Edge_1RB_Left	14.01	/	/	12.33	/	/	<=30	Pass
		Edge_1RB_Right	13.63	/	/	11.95	/	/	<=30	Pass
		Outer_Full	12.82	/	/	11.14	/	/	<=30	Pass
		Inner_Full	13.24	/	/	11.56	/	/	<=30	Pass
		Inner_1RB_Left	13.35	/	/	11.67	/	/	<=30	Pass
		Inner_1RB_Right	13.64	/	/	11.96	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 15k_SISO_15MHz_NTNV_EIRP

5G NR n77d SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3457.5	Edge 1RB Left	17.29	/	/	15.61	/	/	<=30	Pass
		Edge 1RB Right	16.89	/	/	15.21	/	/	<=30	Pass
		Outer Full	16.48	/	/	14.80	/	/	<=30	Pass
		Inner Full	16.09	/	/	14.41	/	/	<=30	Pass
		Inner 1RB Left	17.26	/	/	15.58	/	/	<=30	Pass
		Inner 1RB Right	16.87	/	/	15.19	/	/	<=30	Pass
	3499.995	Edge 1RB Left	16.57	/	/	14.89	/	/	<=30	Pass
		Edge 1RB Right	16.19	/	/	14.51	/	/	<=30	Pass
		Outer Full	15.75	/	/	14.07	/	/	<=30	Pass
		Inner Full	15.35	/	/	13.67	/	/	<=30	Pass
		Inner 1RB Left	16.32	/	/	14.64	/	/	<=30	Pass
		Inner 1RB Right	16.11	/	/	14.43	/	/	<=30	Pass

	3542.49	Edge_1RB_Left	16.54	/	/	14.86	/	/	<=30	Pass
		Edge_1RB_Right	16.30	/	/	14.62	/	/	<=30	Pass
		Outer_Full	15.77	/	/	14.09	/	/	<=30	Pass
		Inner_Full	15.38	/	/	13.70	/	/	<=30	Pass
		Inner_1RB_Left	16.38	/	/	14.70	/	/	<=30	Pass
		Inner_1RB_Right	16.23	/	/	14.55	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3457.5	Edge_1RB_Left	17.34	/	/	15.66	/	/	<=30	Pass
		Edge_1RB_Right	16.86	/	/	15.18	/	/	<=30	Pass
		Outer_Full	16.34	/	/	14.66	/	/	<=30	Pass
		Inner_Full	16.08	/	/	14.40	/	/	<=30	Pass
		Inner_1RB_Left	17.13	/	/	15.45	/	/	<=30	Pass
		Inner_1RB_Right	16.87	/	/	15.19	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	16.47	/	/	14.79	/	/	<=30	Pass
		Edge_1RB_Right	16.06	/	/	14.38	/	/	<=30	Pass
		Outer_Full	15.56	/	/	13.88	/	/	<=30	Pass
		Inner_Full	15.33	/	/	13.65	/	/	<=30	Pass
		Inner_1RB_Left	16.21	/	/	14.53	/	/	<=30	Pass
		Inner_1RB_Right	15.98	/	/	14.30	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	16.09	/	/	14.41	/	/	<=30	Pass
		Edge_1RB_Right	15.84	/	/	14.16	/	/	<=30	Pass
		Outer_Full	15.59	/	/	13.91	/	/	<=30	Pass
		Inner_Full	15.32	/	/	13.64	/	/	<=30	Pass
		Inner_1RB_Left	15.97	/	/	14.29	/	/	<=30	Pass
		Inner_1RB_Right	15.94	/	/	14.26	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3457.5	Edge_1RB_Left	17.32	/	/	15.64	/	/	<=30	Pass
		Edge_1RB_Right	16.97	/	/	15.29	/	/	<=30	Pass
		Outer_Full	16.33	/	/	14.65	/	/	<=30	Pass
		Inner_Full	16.11	/	/	14.43	/	/	<=30	Pass
		Inner_1RB_Left	17.20	/	/	15.52	/	/	<=30	Pass
		Inner_1RB_Right	16.90	/	/	15.22	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	16.53	/	/	14.85	/	/	<=30	Pass
		Edge_1RB_Right	16.08	/	/	14.40	/	/	<=30	Pass
		Outer_Full	15.56	/	/	13.88	/	/	<=30	Pass
		Inner_Full	15.30	/	/	13.62	/	/	<=30	Pass
		Inner_1RB_Left	16.26	/	/	14.58	/	/	<=30	Pass
		Inner_1RB_Right	16.03	/	/	14.35	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	16.54	/	/	14.86	/	/	<=30	Pass
		Edge_1RB_Right	16.30	/	/	14.62	/	/	<=30	Pass
		Outer_Full	15.58	/	/	13.90	/	/	<=30	Pass
		Inner_Full	15.33	/	/	13.65	/	/	<=30	Pass
		Inner_1RB_Left	16.37	/	/	14.69	/	/	<=30	Pass
		Inner_1RB_Right	16.29	/	/	14.61	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3457.5	Edge_1RB_Left	16.66	/	/	14.98	/	/	<=30	Pass
		Edge_1RB_Right	16.17	/	/	14.49	/	/	<=30	Pass
		Outer_Full	15.36	/	/	13.68	/	/	<=30	Pass
		Inner_Full	15.59	/	/	13.91	/	/	<=30	Pass
		Inner_1RB_Left	16.54	/	/	14.86	/	/	<=30	Pass
		Inner_1RB_Right	16.20	/	/	14.52	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	15.90	/	/	14.22	/	/	<=30	Pass
		Edge_1RB_Right	15.45	/	/	13.77	/	/	<=30	Pass
		Outer_Full	14.65	/	/	12.97	/	/	<=30	Pass
		Inner_Full	14.89	/	/	13.21	/	/	<=30	Pass
		Inner_1RB_Left	15.75	/	/	14.07	/	/	<=30	Pass
		Inner_1RB_Right	15.49	/	/	13.81	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	15.75	/	/	14.07	/	/	<=30	Pass
		Edge_1RB_Right	15.36	/	/	13.68	/	/	<=30	Pass
		Outer_Full	14.52	/	/	12.84	/	/	<=30	Pass
		Inner_Full	14.74	/	/	13.06	/	/	<=30	Pass
		Inner_1RB_Left	15.44	/	/	13.76	/	/	<=30	Pass

CP-OFDM QPSK	3457.5	Inner_1RB_Right	15.49	/	/	13.81	/	/	<=30	Pass
		Edge_1RB_Left	17.26	/	/	15.58	/	/	<=30	Pass
		Edge_1RB_Right	16.84	/	/	15.16	/	/	<=30	Pass
		Outer_Full	16.37	/	/	14.69	/	/	<=30	Pass
		Inner_Full	16.07	/	/	14.39	/	/	<=30	Pass
		Inner_1RB_Left	17.10	/	/	15.42	/	/	<=30	Pass
	3499.995	Inner_1RB_Right	16.84	/	/	15.16	/	/	<=30	Pass
		Edge_1RB_Left	16.46	/	/	14.78	/	/	<=30	Pass
		Edge_1RB_Right	16.07	/	/	14.39	/	/	<=30	Pass
		Outer_Full	15.65	/	/	13.97	/	/	<=30	Pass
		Inner_Full	15.28	/	/	13.60	/	/	<=30	Pass
		Inner_1RB_Left	16.26	/	/	14.58	/	/	<=30	Pass
	3542.49	Inner_1RB_Right	16.02	/	/	14.34	/	/	<=30	Pass
		Edge_1RB_Left	16.26	/	/	14.58	/	/	<=30	Pass
		Edge_1RB_Right	16.01	/	/	14.33	/	/	<=30	Pass
		Outer_Full	15.62	/	/	13.94	/	/	<=30	Pass
		Inner_Full	15.28	/	/	13.60	/	/	<=30	Pass
		Inner_1RB_Left	16.05	/	/	14.37	/	/	<=30	Pass
CP-OFDM 16 QAM	3457.5	Inner_1RB_Right	16.00	/	/	14.32	/	/	<=30	Pass
		Edge_1RB_Left	17.11	/	/	15.43	/	/	<=30	Pass
		Edge_1RB_Right	16.78	/	/	15.10	/	/	<=30	Pass
		Outer_Full	16.37	/	/	14.69	/	/	<=30	Pass
		Inner_Full	16.04	/	/	14.36	/	/	<=30	Pass
		Inner_1RB_Left	17.10	/	/	15.42	/	/	<=30	Pass
	3499.995	Inner_1RB_Right	16.80	/	/	15.12	/	/	<=30	Pass
		Edge_1RB_Left	16.24	/	/	14.56	/	/	<=30	Pass
		Edge_1RB_Right	15.97	/	/	14.29	/	/	<=30	Pass
		Outer_Full	15.55	/	/	13.87	/	/	<=30	Pass
		Inner_Full	15.27	/	/	13.59	/	/	<=30	Pass
		Inner_1RB_Left	16.39	/	/	14.71	/	/	<=30	Pass
	3542.49	Inner_1RB_Right	16.07	/	/	14.39	/	/	<=30	Pass
		Edge_1RB_Left	16.05	/	/	14.37	/	/	<=30	Pass
		Edge_1RB_Right	16.17	/	/	14.49	/	/	<=30	Pass
		Outer_Full	15.53	/	/	13.85	/	/	<=30	Pass
		Inner_Full	15.25	/	/	13.57	/	/	<=30	Pass
		Inner_1RB_Left	16.29	/	/	14.61	/	/	<=30	Pass
CP-OFDM 64 QAM	3457.5	Inner_1RB_Right	16.22	/	/	14.54	/	/	<=30	Pass
		Edge_1RB_Left	17.27	/	/	15.59	/	/	<=30	Pass
		Edge_1RB_Right	16.88	/	/	15.20	/	/	<=30	Pass
		Outer_Full	15.78	/	/	14.10	/	/	<=30	Pass
		Inner_Full	16.07	/	/	14.39	/	/	<=30	Pass
		Inner_1RB_Left	17.06	/	/	15.38	/	/	<=30	Pass
	3499.995	Inner_1RB_Right	16.88	/	/	15.20	/	/	<=30	Pass
		Edge_1RB_Left	16.52	/	/	14.84	/	/	<=30	Pass
		Edge_1RB_Right	16.09	/	/	14.41	/	/	<=30	Pass
		Outer_Full	15.02	/	/	13.34	/	/	<=30	Pass
		Inner_Full	15.29	/	/	13.61	/	/	<=30	Pass
		Inner_1RB_Left	16.57	/	/	14.89	/	/	<=30	Pass
	3542.49	Inner_1RB_Right	16.07	/	/	14.39	/	/	<=30	Pass
		Edge_1RB_Left	16.51	/	/	14.83	/	/	<=30	Pass
		Edge_1RB_Right	16.23	/	/	14.55	/	/	<=30	Pass
		Outer_Full	15.05	/	/	13.37	/	/	<=30	Pass
		Inner_Full	15.29	/	/	13.61	/	/	<=30	Pass
		Inner_1RB_Left	16.31	/	/	14.63	/	/	<=30	Pass
CP-OFDM 256 QAM	3457.5	Inner_1RB_Right	16.31	/	/	14.63	/	/	<=30	Pass
		Edge_1RB_Left	14.94	/	/	13.26	/	/	<=30	Pass
		Edge_1RB_Right	14.45	/	/	12.77	/	/	<=30	Pass
		Outer_Full	13.42	/	/	11.74	/	/	<=30	Pass
		Inner_Full	13.69	/	/	12.01	/	/	<=30	Pass

		Inner_1RB_Left	14.88	/	/	13.20	/	/	<=30	Pass
		Inner_1RB_Right	14.59	/	/	12.91	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	14.29	/	/	12.61	/	/	<=30	Pass
		Edge_1RB_Right	13.91	/	/	12.23	/	/	<=30	Pass
		Outer_Full	12.89	/	/	11.21	/	/	<=30	Pass
		Inner_Full	13.14	/	/	11.46	/	/	<=30	Pass
		Inner_1RB_Left	14.09	/	/	12.41	/	/	<=30	Pass
		Inner_1RB_Right	13.99	/	/	12.31	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	14.08	/	/	12.40	/	/	<=30	Pass
		Edge_1RB_Right	13.82	/	/	12.14	/	/	<=30	Pass
		Outer_Full	12.81	/	/	11.13	/	/	<=30	Pass
		Inner_Full	13.08	/	/	11.40	/	/	<=30	Pass
		Inner_1RB_Left	13.93	/	/	12.25	/	/	<=30	Pass
		Inner_1RB_Right	13.90	/	/	12.22	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15k_SISO_20MHz_NTNV_EIRP

5G NR n77d SCS=15kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3460.005	Edge 1RB Left	17.75	/	/	16.07	/	/	<=30	Pass
		Edge 1RB Right	17.15	/	/	15.47	/	/	<=30	Pass
		Outer Full	16.64	/	/	14.96	/	/	<=30	Pass
		Inner Full	16.20	/	/	14.52	/	/	<=30	Pass
		Inner 1RB Left	17.50	/	/	15.82	/	/	<=30	Pass
	3499.995	Inner 1RB Right	17.17	/	/	15.49	/	/	<=30	Pass
		Edge 1RB Left	17.01	/	/	15.33	/	/	<=30	Pass
		Edge 1RB Right	16.47	/	/	14.79	/	/	<=30	Pass
		Outer Full	15.96	/	/	14.28	/	/	<=30	Pass
		Inner Full	15.44	/	/	13.76	/	/	<=30	Pass
	3540	Inner 1RB Left	16.83	/	/	15.15	/	/	<=30	Pass
		Inner 1RB Right	16.43	/	/	14.75	/	/	<=30	Pass
		Edge 1RB Left	16.64	/	/	14.96	/	/	<=30	Pass
		Edge 1RB Right	16.28	/	/	14.60	/	/	<=30	Pass
		Outer Full	15.79	/	/	14.11	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3460.005	Inner Full	15.26	/	/	13.58	/	/	<=30	Pass
		Inner 1RB Left	16.41	/	/	14.73	/	/	<=30	Pass
		Inner 1RB Right	16.20	/	/	14.52	/	/	<=30	Pass
	3499.995	Edge 1RB Left	17.43	/	/	15.75	/	/	<=30	Pass
		Edge 1RB Right	16.89	/	/	15.21	/	/	<=30	Pass
		Outer Full	16.52	/	/	14.84	/	/	<=30	Pass
		Inner Full	16.20	/	/	14.52	/	/	<=30	Pass
		Inner 1RB Left	17.32	/	/	15.64	/	/	<=30	Pass
	3540	Inner 1RB Right	16.98	/	/	15.30	/	/	<=30	Pass
		Edge 1RB Left	16.69	/	/	15.01	/	/	<=30	Pass
		Edge 1RB Right	16.05	/	/	14.37	/	/	<=30	Pass
		Outer Full	15.84	/	/	14.16	/	/	<=30	Pass
		Inner Full	15.40	/	/	13.72	/	/	<=30	Pass
	3540	Inner 1RB Left	16.44	/	/	14.76	/	/	<=30	Pass
		Inner 1RB Right	16.14	/	/	14.46	/	/	<=30	Pass
		Edge 1RB Left	16.45	/	/	14.77	/	/	<=30	Pass
		Edge 1RB Right	16.16	/	/	14.48	/	/	<=30	Pass
		Outer Full	15.65	/	/	13.97	/	/	<=30	Pass
	3540	Inner Full	15.18	/	/	13.50	/	/	<=30	Pass
		Inner 1RB Left	16.26	/	/	14.58	/	/	<=30	Pass

DFT-s-OFDM 64 QAM	3460.005	Inner_1RB_Right	16.18	/	/	14.50	/	/	<=30	Pass
		Edge_1RB_Left	17.98	/	/	16.30	/	/	<=30	Pass
		Edge_1RB_Right	17.14	/	/	15.46	/	/	<=30	Pass
		Outer_Full	16.54	/	/	14.86	/	/	<=30	Pass
		Inner_Full	16.15	/	/	14.47	/	/	<=30	Pass
		Inner_1RB_Left	17.53	/	/	15.85	/	/	<=30	Pass
	3499.995	Inner_1RB_Right	17.08	/	/	15.40	/	/	<=30	Pass
		Edge_1RB_Left	17.13	/	/	15.45	/	/	<=30	Pass
		Edge_1RB_Right	16.65	/	/	14.97	/	/	<=30	Pass
		Outer_Full	15.78	/	/	14.10	/	/	<=30	Pass
		Inner_Full	15.39	/	/	13.71	/	/	<=30	Pass
		Inner_1RB_Left	16.53	/	/	14.85	/	/	<=30	Pass
	3540	Inner_1RB_Right	16.68	/	/	15.00	/	/	<=30	Pass
		Edge_1RB_Left	16.31	/	/	14.63	/	/	<=30	Pass
		Edge_1RB_Right	15.99	/	/	14.31	/	/	<=30	Pass
		Outer_Full	15.53	/	/	13.85	/	/	<=30	Pass
		Inner_Full	15.20	/	/	13.52	/	/	<=30	Pass
		Inner_1RB_Left	16.20	/	/	14.52	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3460.005	Inner_1RB_Right	16.07	/	/	14.39	/	/	<=30	Pass
		Edge_1RB_Left	16.99	/	/	15.31	/	/	<=30	Pass
		Edge_1RB_Right	16.37	/	/	14.69	/	/	<=30	Pass
		Outer_Full	15.54	/	/	13.86	/	/	<=30	Pass
		Inner_Full	15.72	/	/	14.04	/	/	<=30	Pass
		Inner_1RB_Left	16.86	/	/	15.18	/	/	<=30	Pass
	3499.995	Inner_1RB_Right	16.49	/	/	14.81	/	/	<=30	Pass
		Edge_1RB_Left	16.33	/	/	14.65	/	/	<=30	Pass
		Edge_1RB_Right	15.72	/	/	14.04	/	/	<=30	Pass
		Outer_Full	14.85	/	/	13.17	/	/	<=30	Pass
		Inner_Full	14.96	/	/	13.28	/	/	<=30	Pass
		Inner_1RB_Left	16.21	/	/	14.53	/	/	<=30	Pass
	3540	Inner_1RB_Right	15.82	/	/	14.14	/	/	<=30	Pass
		Edge_1RB_Left	15.98	/	/	14.30	/	/	<=30	Pass
		Edge_1RB_Right	15.51	/	/	13.83	/	/	<=30	Pass
		Outer_Full	14.58	/	/	12.90	/	/	<=30	Pass
		Inner_Full	14.63	/	/	12.95	/	/	<=30	Pass
		Inner_1RB_Left	15.72	/	/	14.04	/	/	<=30	Pass
CP-OFDM QPSK	3460.005	Inner_1RB_Right	15.59	/	/	13.91	/	/	<=30	Pass
		Edge_1RB_Left	17.44	/	/	15.76	/	/	<=30	Pass
		Edge_1RB_Right	17.05	/	/	15.37	/	/	<=30	Pass
		Outer_Full	16.69	/	/	15.01	/	/	<=30	Pass
		Inner_Full	16.23	/	/	14.55	/	/	<=30	Pass
		Inner_1RB_Left	17.38	/	/	15.70	/	/	<=30	Pass
	3499.995	Inner_1RB_Right	17.19	/	/	15.51	/	/	<=30	Pass
		Edge_1RB_Left	16.84	/	/	15.16	/	/	<=30	Pass
		Edge_1RB_Right	16.29	/	/	14.61	/	/	<=30	Pass
		Outer_Full	15.89	/	/	14.21	/	/	<=30	Pass
		Inner_Full	15.42	/	/	13.74	/	/	<=30	Pass
		Inner_1RB_Left	16.69	/	/	15.01	/	/	<=30	Pass
	3540	Inner_1RB_Right	16.34	/	/	14.66	/	/	<=30	Pass
		Edge_1RB_Left	16.46	/	/	14.78	/	/	<=30	Pass
		Edge_1RB_Right	16.32	/	/	14.64	/	/	<=30	Pass
		Outer_Full	15.74	/	/	14.06	/	/	<=30	Pass
		Inner_Full	15.17	/	/	13.49	/	/	<=30	Pass
		Inner_1RB_Left	16.35	/	/	14.67	/	/	<=30	Pass
CP-OFDM 16 QAM	3460.005	Inner_1RB_Right	16.19	/	/	14.51	/	/	<=30	Pass
		Edge_1RB_Left	17.26	/	/	15.58	/	/	<=30	Pass
		Edge_1RB_Right	17.31	/	/	15.63	/	/	<=30	Pass
		Outer_Full	16.58	/	/	14.90	/	/	<=30	Pass
		Inner_Full	16.20	/	/	14.52	/	/	<=30	Pass

		Inner_1RB_Left	17.62	/	/	15.94	/	/	<=30	Pass
		Inner_1RB_Right	17.36	/	/	15.68	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	16.79	/	/	15.11	/	/	<=30	Pass
		Edge_1RB_Right	16.46	/	/	14.78	/	/	<=30	Pass
		Outer_Full	15.83	/	/	14.15	/	/	<=30	Pass
		Inner_Full	15.39	/	/	13.71	/	/	<=30	Pass
		Inner_1RB_Left	16.74	/	/	15.06	/	/	<=30	Pass
		Inner_1RB_Right	16.51	/	/	14.83	/	/	<=30	Pass
	3540	Edge_1RB_Left	16.56	/	/	14.88	/	/	<=30	Pass
		Edge_1RB_Right	16.25	/	/	14.57	/	/	<=30	Pass
		Outer_Full	15.57	/	/	13.89	/	/	<=30	Pass
		Inner_Full	15.15	/	/	13.47	/	/	<=30	Pass
		Inner_1RB_Left	16.38	/	/	14.70	/	/	<=30	Pass
		Inner_1RB_Right	16.24	/	/	14.56	/	/	<=30	Pass
CP-OFDM 64 QAM	3460.005	Edge_1RB_Left	17.87	/	/	16.19	/	/	<=30	Pass
		Edge_1RB_Right	17.21	/	/	15.53	/	/	<=30	Pass
		Outer_Full	16.15	/	/	14.47	/	/	<=30	Pass
		Inner_Full	16.21	/	/	14.53	/	/	<=30	Pass
		Inner_1RB_Left	17.59	/	/	15.91	/	/	<=30	Pass
		Inner_1RB_Right	17.28	/	/	15.60	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	16.65	/	/	14.97	/	/	<=30	Pass
		Edge_1RB_Right	16.24	/	/	14.56	/	/	<=30	Pass
		Outer_Full	15.35	/	/	13.67	/	/	<=30	Pass
		Inner_Full	15.37	/	/	13.69	/	/	<=30	Pass
		Inner_1RB_Left	16.59	/	/	14.91	/	/	<=30	Pass
		Inner_1RB_Right	16.64	/	/	14.96	/	/	<=30	Pass
	3540	Edge_1RB_Left	16.31	/	/	14.63	/	/	<=30	Pass
		Edge_1RB_Right	16.08	/	/	14.40	/	/	<=30	Pass
		Outer_Full	15.18	/	/	13.50	/	/	<=30	Pass
		Inner_Full	15.16	/	/	13.48	/	/	<=30	Pass
		Inner_1RB_Left	16.28	/	/	14.60	/	/	<=30	Pass
		Inner_1RB_Right	16.15	/	/	14.47	/	/	<=30	Pass
CP-OFDM 256 QAM	3460.005	Edge_1RB_Left	15.29	/	/	13.61	/	/	<=30	Pass
		Edge_1RB_Right	14.70	/	/	13.02	/	/	<=30	Pass
		Outer_Full	13.72	/	/	12.04	/	/	<=30	Pass
		Inner_Full	13.83	/	/	12.15	/	/	<=30	Pass
		Inner_1RB_Left	15.14	/	/	13.46	/	/	<=30	Pass
		Inner_1RB_Right	14.77	/	/	13.09	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	14.70	/	/	13.02	/	/	<=30	Pass
		Edge_1RB_Right	14.12	/	/	12.44	/	/	<=30	Pass
		Outer_Full	13.16	/	/	11.48	/	/	<=30	Pass
		Inner_Full	13.26	/	/	11.58	/	/	<=30	Pass
		Inner_1RB_Left	14.48	/	/	12.80	/	/	<=30	Pass
		Inner_1RB_Right	14.15	/	/	12.47	/	/	<=30	Pass
	3540	Edge_1RB_Left	14.32	/	/	12.64	/	/	<=30	Pass
		Edge_1RB_Right	13.93	/	/	12.25	/	/	<=30	Pass
		Outer_Full	12.89	/	/	11.21	/	/	<=30	Pass
Inner_Full		13.01	/	/	11.33	/	/	<=30	Pass	
Inner_1RB_Left		14.24	/	/	12.56	/	/	<=30	Pass	
		Inner_1RB_Right	14.12	/	/	12.44	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 15k_SISO_25MHz_NTNV_EIRP

5G NR n77d SCS=15kHz SISO 25MHz NTNv					
Modulation	Frequency	RB	Conducted Power(dBm)	EIRP(dBm)	Verdict

	(MHz)	Allocation	Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3462.51	Edge 1RB Left	16.15	/	/	14.47	/	/	<=30	Pass
		Edge 1RB Right	15.54	/	/	13.86	/	/	<=30	Pass
		Outer_Full	16.57	/	/	14.89	/	/	<=30	Pass
		Inner_Full	16.08	/	/	14.40	/	/	<=30	Pass
		Inner 1RB Left	15.93	/	/	14.25	/	/	<=30	Pass
		Inner 1RB Right	15.89	/	/	14.21	/	/	<=30	Pass
	3499.995	Edge 1RB Left	15.82	/	/	14.14	/	/	<=30	Pass
		Edge 1RB Right	15.27	/	/	13.59	/	/	<=30	Pass
		Outer_Full	16.08	/	/	14.40	/	/	<=30	Pass
		Inner_Full	15.59	/	/	13.91	/	/	<=30	Pass
		Inner 1RB Left	15.47	/	/	13.79	/	/	<=30	Pass
		Inner 1RB Right	15.26	/	/	13.58	/	/	<=30	Pass
	3537.495	Edge 1RB Left	15.84	/	/	14.16	/	/	<=30	Pass
		Edge 1RB Right	15.16	/	/	13.48	/	/	<=30	Pass
		Outer_Full	15.97	/	/	14.29	/	/	<=30	Pass
		Inner_Full	15.50	/	/	13.82	/	/	<=30	Pass
		Inner 1RB Left	15.34	/	/	13.66	/	/	<=30	Pass
		Inner 1RB Right	15.49	/	/	13.81	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3462.51	Edge 1RB Left	15.92	/	/	14.24	/	/	<=30	Pass
		Edge 1RB Right	15.26	/	/	13.58	/	/	<=30	Pass
		Outer_Full	16.58	/	/	14.90	/	/	<=30	Pass
		Inner_Full	16.02	/	/	14.34	/	/	<=30	Pass
		Inner 1RB Left	15.55	/	/	13.87	/	/	<=30	Pass
		Inner 1RB Right	15.31	/	/	13.63	/	/	<=30	Pass
	3499.995	Edge 1RB Left	15.55	/	/	13.87	/	/	<=30	Pass
		Edge 1RB Right	15.07	/	/	13.39	/	/	<=30	Pass
		Outer_Full	15.97	/	/	14.29	/	/	<=30	Pass
		Inner_Full	15.49	/	/	13.81	/	/	<=30	Pass
		Inner 1RB Left	15.35	/	/	13.67	/	/	<=30	Pass
		Inner 1RB Right	15.20	/	/	13.52	/	/	<=30	Pass
	3537.495	Edge 1RB Left	15.42	/	/	13.74	/	/	<=30	Pass
		Edge 1RB Right	15.07	/	/	13.39	/	/	<=30	Pass
		Outer_Full	15.81	/	/	14.13	/	/	<=30	Pass
		Inner_Full	15.41	/	/	13.73	/	/	<=30	Pass
		Inner 1RB Left	15.41	/	/	13.73	/	/	<=30	Pass
		Inner 1RB Right	15.17	/	/	13.49	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3462.51	Edge 1RB Left	16.44	/	/	14.76	/	/	<=30	Pass
		Edge 1RB Right	15.69	/	/	14.01	/	/	<=30	Pass
		Outer_Full	16.36	/	/	14.68	/	/	<=30	Pass
		Inner_Full	16.12	/	/	14.44	/	/	<=30	Pass
		Inner 1RB Left	16.16	/	/	14.48	/	/	<=30	Pass
		Inner 1RB Right	16.00	/	/	14.32	/	/	<=30	Pass
	3499.995	Edge 1RB Left	15.64	/	/	13.96	/	/	<=30	Pass
		Edge 1RB Right	15.07	/	/	13.39	/	/	<=30	Pass
		Outer_Full	15.93	/	/	14.25	/	/	<=30	Pass
		Inner_Full	15.55	/	/	13.87	/	/	<=30	Pass
		Inner 1RB Left	15.28	/	/	13.60	/	/	<=30	Pass
		Inner 1RB Right	15.11	/	/	13.43	/	/	<=30	Pass
	3537.495	Edge 1RB Left	15.63	/	/	13.95	/	/	<=30	Pass
		Edge 1RB Right	15.25	/	/	13.57	/	/	<=30	Pass
		Outer_Full	15.85	/	/	14.17	/	/	<=30	Pass
		Inner_Full	15.43	/	/	13.75	/	/	<=30	Pass
		Inner 1RB Left	15.39	/	/	13.71	/	/	<=30	Pass
		Inner 1RB Right	15.56	/	/	13.88	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3462.51	Edge 1RB Left	15.63	/	/	13.95	/	/	<=30	Pass
		Edge 1RB Right	15.03	/	/	13.35	/	/	<=30	Pass
		Outer_Full	15.42	/	/	13.74	/	/	<=30	Pass
		Inner_Full	15.57	/	/	13.89	/	/	<=30	Pass

		Inner_1RB_Left	15.41	/	/	13.73	/	/	<=30	Pass
		Inner_1RB_Right	15.28	/	/	13.60	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	15.16	/	/	13.48	/	/	<=30	Pass
		Edge_1RB_Right	14.67	/	/	12.99	/	/	<=30	Pass
		Outer_Full	15.02	/	/	13.34	/	/	<=30	Pass
		Inner_Full	15.08	/	/	13.40	/	/	<=30	Pass
		Inner_1RB_Left	15.00	/	/	13.32	/	/	<=30	Pass
		Inner_1RB_Right	14.70	/	/	13.02	/	/	<=30	Pass
	3537.495	Edge_1RB_Left	14.94	/	/	13.26	/	/	<=30	Pass
		Edge_1RB_Right	14.53	/	/	12.85	/	/	<=30	Pass
		Outer_Full	14.75	/	/	13.07	/	/	<=30	Pass
		Inner_Full	14.88	/	/	13.20	/	/	<=30	Pass
		Inner_1RB_Left	14.53	/	/	12.85	/	/	<=30	Pass
		Inner_1RB_Right	14.55	/	/	12.87	/	/	<=30	Pass
CP-OFDM QPSK	3462.51	Edge_1RB_Left	16.25	/	/	14.57	/	/	<=30	Pass
		Edge_1RB_Right	15.38	/	/	13.70	/	/	<=30	Pass
		Outer_Full	16.55	/	/	14.87	/	/	<=30	Pass
		Inner_Full	16.05	/	/	14.37	/	/	<=30	Pass
		Inner_1RB_Left	15.98	/	/	14.30	/	/	<=30	Pass
		Inner_1RB_Right	15.66	/	/	13.98	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	15.85	/	/	14.17	/	/	<=30	Pass
		Edge_1RB_Right	15.18	/	/	13.50	/	/	<=30	Pass
		Outer_Full	15.96	/	/	14.28	/	/	<=30	Pass
		Inner_Full	15.52	/	/	13.84	/	/	<=30	Pass
		Inner_1RB_Left	15.45	/	/	13.77	/	/	<=30	Pass
		Inner_1RB_Right	15.35	/	/	13.67	/	/	<=30	Pass
	3537.495	Edge_1RB_Left	15.51	/	/	13.83	/	/	<=30	Pass
		Edge_1RB_Right	15.16	/	/	13.48	/	/	<=30	Pass
		Outer_Full	15.81	/	/	14.13	/	/	<=30	Pass
		Inner_Full	15.37	/	/	13.69	/	/	<=30	Pass
		Inner_1RB_Left	15.41	/	/	13.73	/	/	<=30	Pass
		Inner_1RB_Right	15.28	/	/	13.60	/	/	<=30	Pass
CP-OFDM 16 QAM	3462.51	Edge_1RB_Left	16.22	/	/	14.54	/	/	<=30	Pass
		Edge_1RB_Right	15.57	/	/	13.89	/	/	<=30	Pass
		Outer_Full	16.40	/	/	14.72	/	/	<=30	Pass
		Inner_Full	16.06	/	/	14.38	/	/	<=30	Pass
		Inner_1RB_Left	16.00	/	/	14.32	/	/	<=30	Pass
		Inner_1RB_Right	15.88	/	/	14.20	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	15.67	/	/	13.99	/	/	<=30	Pass
		Edge_1RB_Right	15.16	/	/	13.48	/	/	<=30	Pass
		Outer_Full	15.92	/	/	14.24	/	/	<=30	Pass
		Inner_Full	15.51	/	/	13.83	/	/	<=30	Pass
		Inner_1RB_Left	15.56	/	/	13.88	/	/	<=30	Pass
		Inner_1RB_Right	15.31	/	/	13.63	/	/	<=30	Pass
	3537.495	Edge_1RB_Left	15.50	/	/	13.82	/	/	<=30	Pass
		Edge_1RB_Right	15.24	/	/	13.56	/	/	<=30	Pass
		Outer_Full	15.84	/	/	14.16	/	/	<=30	Pass
		Inner_Full	15.36	/	/	13.68	/	/	<=30	Pass
		Inner_1RB_Left	15.40	/	/	13.72	/	/	<=30	Pass
		Inner_1RB_Right	15.25	/	/	13.57	/	/	<=30	Pass
CP-OFDM 64 QAM	3462.51	Edge_1RB_Left	16.39	/	/	14.71	/	/	<=30	Pass
		Edge_1RB_Right	16.02	/	/	14.34	/	/	<=30	Pass
		Outer_Full	15.86	/	/	14.18	/	/	<=30	Pass
		Inner_Full	16.08	/	/	14.40	/	/	<=30	Pass
		Inner_1RB_Left	16.45	/	/	14.77	/	/	<=30	Pass
		Inner_1RB_Right	16.08	/	/	14.40	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	15.54	/	/	13.86	/	/	<=30	Pass
		Edge_1RB_Right	15.08	/	/	13.40	/	/	<=30	Pass
		Outer_Full	15.37	/	/	13.69	/	/	<=30	Pass

		Inner_Full	15.51	/	/	13.83	/	/	<=30	Pass
		Inner_1RB_Left	15.43	/	/	13.75	/	/	<=30	Pass
		Inner_1RB_Right	15.14	/	/	13.46	/	/	<=30	Pass
	3537.495	Edge_1RB_Left	15.62	/	/	13.94	/	/	<=30	Pass
		Edge_1RB_Right	15.27	/	/	13.59	/	/	<=30	Pass
		Outer_Full	15.31	/	/	13.63	/	/	<=30	Pass
		Inner_Full	15.36	/	/	13.68	/	/	<=30	Pass
		Inner_1RB_Left	15.43	/	/	13.75	/	/	<=30	Pass
		Inner_1RB_Right	15.33	/	/	13.65	/	/	<=30	Pass
CP-OFDM 256 QAM	3462.51	Edge_1RB_Left	13.82	/	/	12.14	/	/	<=30	Pass
		Edge_1RB_Right	13.22	/	/	11.54	/	/	<=30	Pass
		Outer_Full	13.47	/	/	11.79	/	/	<=30	Pass
		Inner_Full	13.72	/	/	12.04	/	/	<=30	Pass
		Inner_1RB_Left	13.79	/	/	12.11	/	/	<=30	Pass
		Inner_1RB_Right	13.29	/	/	11.61	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	13.50	/	/	11.82	/	/	<=30	Pass
		Edge_1RB_Right	12.97	/	/	11.29	/	/	<=30	Pass
		Outer_Full	13.20	/	/	11.52	/	/	<=30	Pass
		Inner_Full	13.37	/	/	11.69	/	/	<=30	Pass
		Inner_1RB_Left	13.29	/	/	11.61	/	/	<=30	Pass
		Inner_1RB_Right	13.24	/	/	11.56	/	/	<=30	Pass
	3537.495	Edge_1RB_Left	13.21	/	/	11.53	/	/	<=30	Pass
		Edge_1RB_Right	12.83	/	/	11.15	/	/	<=30	Pass
		Outer_Full	13.13	/	/	11.45	/	/	<=30	Pass
		Inner_Full	13.18	/	/	11.50	/	/	<=30	Pass
		Inner_1RB_Left	13.02	/	/	11.34	/	/	<=30	Pass
		Inner_1RB_Right	13.10	/	/	11.42	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 15k_SISO_30MHz_NTNV_EIRP

5G NR n77d SCS=15kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3465	Edge_1RB_Left	17.48	/	/	15.80	/	/	<=30	Pass
		Edge_1RB_Right	16.84	/	/	15.16	/	/	<=30	Pass
		Outer_Full	16.43	/	/	14.75	/	/	<=30	Pass
		Inner_Full	15.87	/	/	14.19	/	/	<=30	Pass
		Inner_1RB_Left	17.43	/	/	15.75	/	/	<=30	Pass
		Inner_1RB_Right	16.84	/	/	15.16	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	17.10	/	/	15.42	/	/	<=30	Pass
		Edge_1RB_Right	16.52	/	/	14.84	/	/	<=30	Pass
		Outer_Full	16.06	/	/	14.38	/	/	<=30	Pass
		Inner_Full	15.47	/	/	13.79	/	/	<=30	Pass
		Inner_1RB_Left	17.04	/	/	15.36	/	/	<=30	Pass
		Inner_1RB_Right	16.49	/	/	14.81	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	16.79	/	/	15.11	/	/	<=30	Pass
		Edge_1RB_Right	16.39	/	/	14.71	/	/	<=30	Pass
		Outer_Full	15.87	/	/	14.19	/	/	<=30	Pass
		Inner_Full	15.29	/	/	13.61	/	/	<=30	Pass
		Inner_1RB_Left	16.72	/	/	15.04	/	/	<=30	Pass
		Inner_1RB_Right	16.37	/	/	14.69	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3465	Edge_1RB_Left	17.48	/	/	15.80	/	/	<=30	Pass
		Edge_1RB_Right	16.83	/	/	15.15	/	/	<=30	Pass
		Outer_Full	16.33	/	/	14.65	/	/	<=30	Pass
		Inner_Full	15.84	/	/	14.16	/	/	<=30	Pass

		Inner_1RB_Left	17.39	/	/	15.71	/	/	<=30	Pass
		Inner_1RB_Right	16.84	/	/	15.16	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	16.75	/	/	15.07	/	/	<=30	Pass
		Edge_1RB_Right	16.10	/	/	14.42	/	/	<=30	Pass
		Outer_Full	15.88	/	/	14.20	/	/	<=30	Pass
		Inner_Full	15.42	/	/	13.74	/	/	<=30	Pass
		Inner_1RB_Left	16.67	/	/	14.99	/	/	<=30	Pass
		Inner_1RB_Right	16.13	/	/	14.45	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	16.46	/	/	14.78	/	/	<=30	Pass
		Edge_1RB_Right	15.99	/	/	14.31	/	/	<=30	Pass
		Outer_Full	15.68	/	/	14.00	/	/	<=30	Pass
		Inner_Full	15.24	/	/	13.56	/	/	<=30	Pass
		Inner_1RB_Left	16.37	/	/	14.69	/	/	<=30	Pass
		Inner_1RB_Right	16.01	/	/	14.33	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3465	Edge_1RB_Left	17.53	/	/	15.85	/	/	<=30	Pass
		Edge_1RB_Right	16.65	/	/	14.97	/	/	<=30	Pass
		Outer_Full	16.34	/	/	14.66	/	/	<=30	Pass
		Inner_Full	15.87	/	/	14.19	/	/	<=30	Pass
		Inner_1RB_Left	17.45	/	/	15.77	/	/	<=30	Pass
		Inner_1RB_Right	16.66	/	/	14.98	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	17.19	/	/	15.51	/	/	<=30	Pass
		Edge_1RB_Right	16.56	/	/	14.88	/	/	<=30	Pass
		Outer_Full	15.86	/	/	14.18	/	/	<=30	Pass
		Inner_Full	15.42	/	/	13.74	/	/	<=30	Pass
		Inner_1RB_Left	17.12	/	/	15.44	/	/	<=30	Pass
		Inner_1RB_Right	16.57	/	/	14.89	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	16.88	/	/	15.20	/	/	<=30	Pass
		Edge_1RB_Right	16.45	/	/	14.77	/	/	<=30	Pass
		Outer_Full	15.68	/	/	14.00	/	/	<=30	Pass
		Inner_Full	15.26	/	/	13.58	/	/	<=30	Pass
		Inner_1RB_Left	16.80	/	/	15.12	/	/	<=30	Pass
		Inner_1RB_Right	16.48	/	/	14.80	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3465	Edge_1RB_Left	16.97	/	/	15.29	/	/	<=30	Pass
		Edge_1RB_Right	16.27	/	/	14.59	/	/	<=30	Pass
		Outer_Full	15.44	/	/	13.76	/	/	<=30	Pass
		Inner_Full	15.47	/	/	13.79	/	/	<=30	Pass
		Inner_1RB_Left	16.88	/	/	15.20	/	/	<=30	Pass
		Inner_1RB_Right	16.29	/	/	14.61	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	16.41	/	/	14.73	/	/	<=30	Pass
		Edge_1RB_Right	15.78	/	/	14.10	/	/	<=30	Pass
		Outer_Full	14.97	/	/	13.29	/	/	<=30	Pass
		Inner_Full	14.98	/	/	13.30	/	/	<=30	Pass
		Inner_1RB_Left	16.30	/	/	14.62	/	/	<=30	Pass
		Inner_1RB_Right	15.79	/	/	14.11	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	16.00	/	/	14.32	/	/	<=30	Pass
		Edge_1RB_Right	15.57	/	/	13.89	/	/	<=30	Pass
		Outer_Full	14.67	/	/	12.99	/	/	<=30	Pass
		Inner_Full	14.68	/	/	13.00	/	/	<=30	Pass
		Inner_1RB_Left	15.91	/	/	14.23	/	/	<=30	Pass
		Inner_1RB_Right	15.58	/	/	13.90	/	/	<=30	Pass
CP-OFDM QPSK	3465	Edge_1RB_Left	17.39	/	/	15.71	/	/	<=30	Pass
		Edge_1RB_Right	16.73	/	/	15.05	/	/	<=30	Pass
		Outer_Full	16.34	/	/	14.66	/	/	<=30	Pass
		Inner_Full	15.84	/	/	14.16	/	/	<=30	Pass
		Inner_1RB_Left	17.38	/	/	15.70	/	/	<=30	Pass
		Inner_1RB_Right	16.88	/	/	15.20	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	16.93	/	/	15.25	/	/	<=30	Pass
		Edge_1RB_Right	16.22	/	/	14.54	/	/	<=30	Pass
		Outer_Full	15.89	/	/	14.21	/	/	<=30	Pass

		Inner_Full	15.40	/	/	13.72	/	/	<=30	Pass
		Inner_1RB_Left	16.87	/	/	15.19	/	/	<=30	Pass
		Inner_1RB_Right	16.33	/	/	14.65	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	16.63	/	/	14.95	/	/	<=30	Pass
		Edge_1RB_Right	16.12	/	/	14.44	/	/	<=30	Pass
		Outer_Full	15.71	/	/	14.03	/	/	<=30	Pass
		Inner_Full	15.22	/	/	13.54	/	/	<=30	Pass
		Inner_1RB_Left	16.56	/	/	14.88	/	/	<=30	Pass
		Inner_1RB_Right	16.22	/	/	14.54	/	/	<=30	Pass
CP-OFDM 16 QAM	3465	Edge_1RB_Left	17.30	/	/	15.62	/	/	<=30	Pass
		Edge_1RB_Right	16.71	/	/	15.03	/	/	<=30	Pass
		Outer_Full	16.27	/	/	14.59	/	/	<=30	Pass
		Inner_Full	15.85	/	/	14.17	/	/	<=30	Pass
		Inner_1RB_Left	17.39	/	/	15.71	/	/	<=30	Pass
		Inner_1RB_Right	16.82	/	/	15.14	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	16.70	/	/	15.02	/	/	<=30	Pass
		Edge_1RB_Right	16.41	/	/	14.73	/	/	<=30	Pass
		Outer_Full	15.81	/	/	14.13	/	/	<=30	Pass
		Inner_Full	15.39	/	/	13.71	/	/	<=30	Pass
		Inner_1RB_Left	17.04	/	/	15.36	/	/	<=30	Pass
		Inner_1RB_Right	16.52	/	/	14.84	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	16.42	/	/	14.74	/	/	<=30	Pass
		Edge_1RB_Right	16.32	/	/	14.64	/	/	<=30	Pass
		Outer_Full	15.64	/	/	13.96	/	/	<=30	Pass
		Inner_Full	15.22	/	/	13.54	/	/	<=30	Pass
		Inner_1RB_Left	16.75	/	/	15.07	/	/	<=30	Pass
		Inner_1RB_Right	16.42	/	/	14.74	/	/	<=30	Pass
CP-OFDM 64 QAM	3465	Edge_1RB_Left	17.48	/	/	15.80	/	/	<=30	Pass
		Edge_1RB_Right	16.80	/	/	15.12	/	/	<=30	Pass
		Outer_Full	15.76	/	/	14.08	/	/	<=30	Pass
		Inner_Full	15.83	/	/	14.15	/	/	<=30	Pass
		Inner_1RB_Left	17.44	/	/	15.76	/	/	<=30	Pass
		Inner_1RB_Right	16.91	/	/	15.23	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	17.16	/	/	15.48	/	/	<=30	Pass
		Edge_1RB_Right	16.47	/	/	14.79	/	/	<=30	Pass
		Outer_Full	15.33	/	/	13.65	/	/	<=30	Pass
		Inner_Full	15.38	/	/	13.70	/	/	<=30	Pass
		Inner_1RB_Left	17.11	/	/	15.43	/	/	<=30	Pass
		Inner_1RB_Right	16.58	/	/	14.90	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	16.86	/	/	15.18	/	/	<=30	Pass
		Edge_1RB_Right	16.38	/	/	14.70	/	/	<=30	Pass
		Outer_Full	15.20	/	/	13.52	/	/	<=30	Pass
		Inner_Full	15.21	/	/	13.53	/	/	<=30	Pass
		Inner_1RB_Left	16.82	/	/	15.14	/	/	<=30	Pass
		Inner_1RB_Right	16.48	/	/	14.80	/	/	<=30	Pass
CP-OFDM 256 QAM	3465	Edge_1RB_Left	15.39	/	/	13.71	/	/	<=30	Pass
		Edge_1RB_Right	14.61	/	/	12.93	/	/	<=30	Pass
		Outer_Full	13.64	/	/	11.96	/	/	<=30	Pass
		Inner_Full	13.72	/	/	12.04	/	/	<=30	Pass
		Inner_1RB_Left	15.37	/	/	13.69	/	/	<=30	Pass
		Inner_1RB_Right	14.73	/	/	13.05	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	14.74	/	/	13.06	/	/	<=30	Pass
		Edge_1RB_Right	14.14	/	/	12.46	/	/	<=30	Pass
		Outer_Full	13.19	/	/	11.51	/	/	<=30	Pass
		Inner_Full	13.26	/	/	11.58	/	/	<=30	Pass
		Inner_1RB_Left	14.71	/	/	13.03	/	/	<=30	Pass
		Inner_1RB_Right	14.27	/	/	12.59	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	14.47	/	/	12.79	/	/	<=30	Pass
		Edge_1RB_Right	14.05	/	/	12.37	/	/	<=30	Pass

		Outer_Full	12.98	/	/	11.30	/	/	<=30	Pass
		Inner_Full	13.04	/	/	11.36	/	/	<=30	Pass
		Inner_1RB_Left	14.45	/	/	12.77	/	/	<=30	Pass
		Inner_1RB_Right	14.17	/	/	12.49	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -1.68dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.6 15k_SISO_40MHz_NTNV_EIRP

5G NR n77d SCS=15kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3470.01	Edge_1RB_Left	17.93	/	/	16.25	/	/	<=30	Pass
		Edge_1RB_Right	17.12	/	/	15.44	/	/	<=30	Pass
		Outer_Full	16.66	/	/	14.98	/	/	<=30	Pass
		Inner_Full	15.88	/	/	14.20	/	/	<=30	Pass
		Inner_1RB_Left	17.92	/	/	16.24	/	/	<=30	Pass
		Inner_1RB_Right	17.15	/	/	15.47	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	17.72	/	/	16.04	/	/	<=30	Pass
		Edge_1RB_Right	16.89	/	/	15.21	/	/	<=30	Pass
		Outer_Full	16.43	/	/	14.75	/	/	<=30	Pass
		Inner_Full	15.67	/	/	13.99	/	/	<=30	Pass
		Inner_1RB_Left	17.68	/	/	16.00	/	/	<=30	Pass
		Inner_1RB_Right	16.90	/	/	15.22	/	/	<=30	Pass
	3529.995	Edge_1RB_Left	17.50	/	/	15.82	/	/	<=30	Pass
		Edge_1RB_Right	16.90	/	/	15.22	/	/	<=30	Pass
		Outer_Full	16.33	/	/	14.65	/	/	<=30	Pass
		Inner_Full	15.56	/	/	13.88	/	/	<=30	Pass
		Inner_1RB_Left	17.39	/	/	15.71	/	/	<=30	Pass
		Inner_1RB_Right	16.89	/	/	15.21	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3470.01	Edge_1RB_Left	18.11	/	/	16.43	/	/	<=30	Pass
		Edge_1RB_Right	17.13	/	/	15.45	/	/	<=30	Pass
		Outer_Full	16.56	/	/	14.88	/	/	<=30	Pass
		Inner_Full	15.87	/	/	14.19	/	/	<=30	Pass
		Inner_1RB_Left	18.03	/	/	16.35	/	/	<=30	Pass
		Inner_1RB_Right	17.18	/	/	15.50	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	17.37	/	/	15.69	/	/	<=30	Pass
		Edge_1RB_Right	16.50	/	/	14.82	/	/	<=30	Pass
		Outer_Full	16.26	/	/	14.58	/	/	<=30	Pass
		Inner_Full	15.63	/	/	13.95	/	/	<=30	Pass
		Inner_1RB_Left	17.30	/	/	15.62	/	/	<=30	Pass
		Inner_1RB_Right	16.55	/	/	14.87	/	/	<=30	Pass
	3529.995	Edge_1RB_Left	17.36	/	/	15.68	/	/	<=30	Pass
		Edge_1RB_Right	16.49	/	/	14.81	/	/	<=30	Pass
		Outer_Full	16.15	/	/	14.47	/	/	<=30	Pass
		Inner_Full	15.51	/	/	13.83	/	/	<=30	Pass
		Inner_1RB_Left	17.28	/	/	15.60	/	/	<=30	Pass
		Inner_1RB_Right	16.53	/	/	14.85	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3470.01	Edge_1RB_Left	18.12	/	/	16.44	/	/	<=30	Pass
		Edge_1RB_Right	17.24	/	/	15.56	/	/	<=30	Pass
		Outer_Full	16.55	/	/	14.87	/	/	<=30	Pass
		Inner_Full	15.87	/	/	14.19	/	/	<=30	Pass
		Inner_1RB_Left	18.07	/	/	16.39	/	/	<=30	Pass
		Inner_1RB_Right	17.27	/	/	15.59	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	17.85	/	/	16.17	/	/	<=30	Pass
		Edge_1RB_Right	16.96	/	/	15.28	/	/	<=30	Pass
		Outer_Full	16.24	/	/	14.56	/	/	<=30	Pass

		Inner_Full	15.63	/	/	13.95	/	/	<=30	Pass
		Inner_1RB_Left	17.76	/	/	16.08	/	/	<=30	Pass
		Inner_1RB_Right	16.99	/	/	15.31	/	/	<=30	Pass
	3529.995	Edge_1RB_Left	17.26	/	/	15.58	/	/	<=30	Pass
		Edge_1RB_Right	16.96	/	/	15.28	/	/	<=30	Pass
		Outer_Full	16.12	/	/	14.44	/	/	<=30	Pass
		Inner_Full	15.51	/	/	13.83	/	/	<=30	Pass
		Inner_1RB_Left	17.19	/	/	15.51	/	/	<=30	Pass
		Inner_1RB_Right	16.98	/	/	15.30	/	/	<=30	Pass
		Edge_1RB_Left	17.53	/	/	15.85	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3470.01	Edge_1RB_Right	16.60	/	/	14.92	/	/	<=30	Pass
		Outer_Full	15.82	/	/	14.14	/	/	<=30	Pass
		Inner_Full	15.67	/	/	13.99	/	/	<=30	Pass
		Inner_1RB_Left	17.47	/	/	15.79	/	/	<=30	Pass
		Inner_1RB_Right	16.65	/	/	14.97	/	/	<=30	Pass
		Edge_1RB_Left	17.06	/	/	15.38	/	/	<=30	Pass
	3499.995	Edge_1RB_Right	16.18	/	/	14.50	/	/	<=30	Pass
		Outer_Full	15.37	/	/	13.69	/	/	<=30	Pass
		Inner_Full	15.23	/	/	13.55	/	/	<=30	Pass
		Inner_1RB_Left	16.99	/	/	15.31	/	/	<=30	Pass
		Inner_1RB_Right	16.22	/	/	14.54	/	/	<=30	Pass
		Edge_1RB_Left	16.92	/	/	15.24	/	/	<=30	Pass
	3529.995	Edge_1RB_Right	16.18	/	/	14.50	/	/	<=30	Pass
		Outer_Full	15.27	/	/	13.59	/	/	<=30	Pass
		Inner_Full	15.09	/	/	13.41	/	/	<=30	Pass
		Inner_1RB_Left	16.83	/	/	15.15	/	/	<=30	Pass
		Inner_1RB_Right	16.22	/	/	14.54	/	/	<=30	Pass
		Edge_1RB_Left	17.82	/	/	16.14	/	/	<=30	Pass
CP-OFDM QPSK	3470.01	Edge_1RB_Right	16.96	/	/	15.28	/	/	<=30	Pass
		Outer_Full	16.61	/	/	14.93	/	/	<=30	Pass
		Inner_Full	15.88	/	/	14.20	/	/	<=30	Pass
		Inner_1RB_Left	17.79	/	/	16.11	/	/	<=30	Pass
		Inner_1RB_Right	17.01	/	/	15.33	/	/	<=30	Pass
		Edge_1RB_Left	17.61	/	/	15.93	/	/	<=30	Pass
	3499.995	Edge_1RB_Right	16.68	/	/	15.00	/	/	<=30	Pass
		Outer_Full	16.31	/	/	14.63	/	/	<=30	Pass
		Inner_Full	15.60	/	/	13.92	/	/	<=30	Pass
		Inner_1RB_Left	17.59	/	/	15.91	/	/	<=30	Pass
		Inner_1RB_Right	16.72	/	/	15.04	/	/	<=30	Pass
		Edge_1RB_Left	17.39	/	/	15.71	/	/	<=30	Pass
	3529.995	Edge_1RB_Right	16.66	/	/	14.98	/	/	<=30	Pass
		Outer_Full	16.20	/	/	14.52	/	/	<=30	Pass
		Inner_Full	15.47	/	/	13.79	/	/	<=30	Pass
		Inner_1RB_Left	17.36	/	/	15.68	/	/	<=30	Pass
		Inner_1RB_Right	16.68	/	/	15.00	/	/	<=30	Pass
		Edge_1RB_Left	17.62	/	/	15.94	/	/	<=30	Pass
CP-OFDM 16 QAM	3470.01	Edge_1RB_Right	17.16	/	/	15.48	/	/	<=30	Pass
		Outer_Full	16.55	/	/	14.87	/	/	<=30	Pass
		Inner_Full	15.87	/	/	14.19	/	/	<=30	Pass
		Inner_1RB_Left	18.05	/	/	16.37	/	/	<=30	Pass
		Inner_1RB_Right	17.21	/	/	15.53	/	/	<=30	Pass
		Edge_1RB_Left	17.54	/	/	15.86	/	/	<=30	Pass
	3499.995	Edge_1RB_Right	16.86	/	/	15.18	/	/	<=30	Pass
		Outer_Full	16.22	/	/	14.54	/	/	<=30	Pass
		Inner_Full	15.59	/	/	13.91	/	/	<=30	Pass
		Inner_1RB_Left	17.62	/	/	15.94	/	/	<=30	Pass
		Inner_1RB_Right	16.90	/	/	15.22	/	/	<=30	Pass
		Edge_1RB_Left	17.31	/	/	15.63	/	/	<=30	Pass
	3529.995	Edge_1RB_Right	16.84	/	/	15.16	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -1.68dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.7 15k_SISO_50MHz_NTNV_EIRP

5G NR n77d SCS=15kHz SISO 50MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3475.005	Edge_1RB_Left	16.99	/	/	15.31	/	/	<=30	Pass
		Edge_1RB_Right	16.30	/	/	14.62	/	/	<=30	Pass
		Outer_Full	16.90	/	/	15.22	/	/	<=30	Pass
		Inner_Full	16.17	/	/	14.49	/	/	<=30	Pass
		Inner_1RB_Left	17.04	/	/	15.36	/	/	<=30	Pass
		Inner_1RB_Right	16.40	/	/	14.72	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	16.71	/	/	15.03	/	/	<=30	Pass
		Edge_1RB_Right	15.90	/	/	14.22	/	/	<=30	Pass
Outer_Full		16.55	/	/	14.87	/	/	<=30	Pass	

		Inner_Full	15.80	/	/	14.12	/	/	<=30	Pass
		Inner_1RB_Left	16.70	/	/	15.02	/	/	<=30	Pass
		Inner_1RB_Right	15.98	/	/	14.30	/	/	<=30	Pass
	3525	Edge_1RB_Left	16.51	/	/	14.83	/	/	<=30	Pass
		Edge_1RB_Right	15.89	/	/	14.21	/	/	<=30	Pass
		Outer_Full	16.40	/	/	14.72	/	/	<=30	Pass
		Inner_Full	15.63	/	/	13.95	/	/	<=30	Pass
		Inner_1RB_Left	16.53	/	/	14.85	/	/	<=30	Pass
		Inner_1RB_Right	15.97	/	/	14.29	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3475.005	Edge_1RB_Left	17.18	/	/	15.50	/	/	<=30	Pass
		Edge_1RB_Right	16.31	/	/	14.63	/	/	<=30	Pass
		Outer_Full	16.79	/	/	15.11	/	/	<=30	Pass
		Inner_Full	16.13	/	/	14.45	/	/	<=30	Pass
		Inner_1RB_Left	17.07	/	/	15.39	/	/	<=30	Pass
		Inner_1RB_Right	16.44	/	/	14.76	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	16.65	/	/	14.97	/	/	<=30	Pass
		Edge_1RB_Right	15.86	/	/	14.18	/	/	<=30	Pass
		Outer_Full	16.38	/	/	14.70	/	/	<=30	Pass
		Inner_Full	15.76	/	/	14.08	/	/	<=30	Pass
		Inner_1RB_Left	16.67	/	/	14.99	/	/	<=30	Pass
		Inner_1RB_Right	15.97	/	/	14.29	/	/	<=30	Pass
	3525	Edge_1RB_Left	16.31	/	/	14.63	/	/	<=30	Pass
		Edge_1RB_Right	15.75	/	/	14.07	/	/	<=30	Pass
		Outer_Full	16.22	/	/	14.54	/	/	<=30	Pass
		Inner_Full	15.59	/	/	13.91	/	/	<=30	Pass
		Inner_1RB_Left	16.33	/	/	14.65	/	/	<=30	Pass
		Inner_1RB_Right	15.85	/	/	14.17	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3475.005	Edge_1RB_Left	17.19	/	/	15.51	/	/	<=30	Pass
		Edge_1RB_Right	16.43	/	/	14.75	/	/	<=30	Pass
		Outer_Full	16.77	/	/	15.09	/	/	<=30	Pass
		Inner_Full	16.15	/	/	14.47	/	/	<=30	Pass
		Inner_1RB_Left	17.21	/	/	15.53	/	/	<=30	Pass
		Inner_1RB_Right	16.53	/	/	14.85	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	16.36	/	/	14.68	/	/	<=30	Pass
		Edge_1RB_Right	15.63	/	/	13.95	/	/	<=30	Pass
		Outer_Full	16.35	/	/	14.67	/	/	<=30	Pass
		Inner_Full	15.75	/	/	14.07	/	/	<=30	Pass
		Inner_1RB_Left	16.44	/	/	14.76	/	/	<=30	Pass
		Inner_1RB_Right	15.77	/	/	14.09	/	/	<=30	Pass
	3525	Edge_1RB_Left	16.44	/	/	14.76	/	/	<=30	Pass
		Edge_1RB_Right	15.61	/	/	13.93	/	/	<=30	Pass
		Outer_Full	16.19	/	/	14.51	/	/	<=30	Pass
		Inner_Full	15.57	/	/	13.89	/	/	<=30	Pass
		Inner_1RB_Left	16.46	/	/	14.78	/	/	<=30	Pass
		Inner_1RB_Right	15.72	/	/	14.04	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3475.005	Edge_1RB_Left	16.64	/	/	14.96	/	/	<=30	Pass
		Edge_1RB_Right	15.75	/	/	14.07	/	/	<=30	Pass
		Outer_Full	15.98	/	/	14.30	/	/	<=30	Pass
		Inner_Full	15.86	/	/	14.18	/	/	<=30	Pass
		Inner_1RB_Left	16.66	/	/	14.98	/	/	<=30	Pass
		Inner_1RB_Right	15.87	/	/	14.19	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	16.03	/	/	14.35	/	/	<=30	Pass
		Edge_1RB_Right	15.27	/	/	13.59	/	/	<=30	Pass
		Outer_Full	15.47	/	/	13.79	/	/	<=30	Pass
		Inner_Full	15.34	/	/	13.66	/	/	<=30	Pass
		Inner_1RB_Left	16.05	/	/	14.37	/	/	<=30	Pass
		Inner_1RB_Right	15.38	/	/	13.70	/	/	<=30	Pass
	3525	Edge_1RB_Left	15.84	/	/	14.16	/	/	<=30	Pass
		Edge_1RB_Right	15.25	/	/	13.57	/	/	<=30	Pass

		Outer_Full	15.30	/	/	13.62	/	/	<=30	Pass
		Inner_Full	15.15	/	/	13.47	/	/	<=30	Pass
		Inner_1RB_Left	15.86	/	/	14.18	/	/	<=30	Pass
		Inner_1RB_Right	15.36	/	/	13.68	/	/	<=30	Pass
CP-OFDM QPSK	3475.005	Edge_1RB_Left	16.96	/	/	15.28	/	/	<=30	Pass
		Edge_1RB_Right	17.27	/	/	15.59	/	/	<=30	Pass
		Outer_Full	16.77	/	/	15.09	/	/	<=30	Pass
		Inner_Full	16.33	/	/	14.65	/	/	<=30	Pass
		Inner_1RB_Left	16.99	/	/	15.31	/	/	<=30	Pass
		Inner_1RB_Right	17.18	/	/	15.50	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	16.53	/	/	14.85	/	/	<=30	Pass
		Edge_1RB_Right	16.83	/	/	15.15	/	/	<=30	Pass
		Outer_Full	16.34	/	/	14.66	/	/	<=30	Pass
		Inner_Full	3.34	/	/	1.66	/	/	<=30	Pass
		Inner_1RB_Left	16.62	/	/	14.94	/	/	<=30	Pass
		Inner_1RB_Right	16.78	/	/	15.10	/	/	<=30	Pass
	3525	Edge_1RB_Left	16.38	/	/	14.70	/	/	<=30	Pass
		Edge_1RB_Right	16.68	/	/	15.00	/	/	<=30	Pass
		Outer_Full	16.18	/	/	14.50	/	/	<=30	Pass
		Inner_Full	15.71	/	/	14.03	/	/	<=30	Pass
		Inner_1RB_Left	16.44	/	/	14.76	/	/	<=30	Pass
		Inner_1RB_Right	16.63	/	/	14.95	/	/	<=30	Pass
CP-OFDM 16 QAM	3475.005	Edge_1RB_Left	16.97	/	/	15.29	/	/	<=30	Pass
		Edge_1RB_Right	17.30	/	/	15.62	/	/	<=30	Pass
		Outer_Full	16.81	/	/	15.13	/	/	<=30	Pass
		Inner_Full	16.19	/	/	14.51	/	/	<=30	Pass
		Inner_1RB_Left	17.01	/	/	15.33	/	/	<=30	Pass
		Inner_1RB_Right	17.34	/	/	15.66	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	16.63	/	/	14.95	/	/	<=30	Pass
		Edge_1RB_Right	16.86	/	/	15.18	/	/	<=30	Pass
		Outer_Full	16.49	/	/	14.81	/	/	<=30	Pass
		Inner_Full	15.73	/	/	14.05	/	/	<=30	Pass
		Inner_1RB_Left	16.62	/	/	14.94	/	/	<=30	Pass
		Inner_1RB_Right	16.80	/	/	15.12	/	/	<=30	Pass
	3525	Edge_1RB_Left	16.38	/	/	14.70	/	/	<=30	Pass
		Edge_1RB_Right	16.69	/	/	15.01	/	/	<=30	Pass
		Outer_Full	16.22	/	/	14.54	/	/	<=30	Pass
		Inner_Full	15.52	/	/	13.84	/	/	<=30	Pass
		Inner_1RB_Left	16.41	/	/	14.73	/	/	<=30	Pass
		Inner_1RB_Right	16.72	/	/	15.04	/	/	<=30	Pass
CP-OFDM 64 QAM	3475.005	Edge_1RB_Left	16.97	/	/	15.29	/	/	<=30	Pass
		Edge_1RB_Right	17.29	/	/	15.61	/	/	<=30	Pass
		Outer_Full	16.27	/	/	14.59	/	/	<=30	Pass
		Inner_Full	16.17	/	/	14.49	/	/	<=30	Pass
		Inner_1RB_Left	17.04	/	/	15.36	/	/	<=30	Pass
		Inner_1RB_Right	17.27	/	/	15.59	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	16.74	/	/	15.06	/	/	<=30	Pass
		Edge_1RB_Right	16.70	/	/	15.02	/	/	<=30	Pass
		Outer_Full	15.81	/	/	14.13	/	/	<=30	Pass
		Inner_Full	15.69	/	/	14.01	/	/	<=30	Pass
		Inner_1RB_Left	16.78	/	/	15.10	/	/	<=30	Pass
		Inner_1RB_Right	16.65	/	/	14.97	/	/	<=30	Pass
	3525	Edge_1RB_Left	16.36	/	/	14.68	/	/	<=30	Pass
		Edge_1RB_Right	16.60	/	/	14.92	/	/	<=30	Pass
		Outer_Full	15.65	/	/	13.97	/	/	<=30	Pass
		Inner_Full	15.50	/	/	13.82	/	/	<=30	Pass
		Inner_1RB_Left	16.44	/	/	14.76	/	/	<=30	Pass
		Inner_1RB_Right	16.55	/	/	14.87	/	/	<=30	Pass
CP-OFDM 256 QAM	3475.005	Edge_1RB_Left	14.79	/	/	13.11	/	/	<=30	Pass

		Edge_1RB_Right	15.07	/	/	13.39	/	/	<=30	Pass
		Outer_Full	13.98	/	/	12.30	/	/	<=30	Pass
		Inner_Full	13.94	/	/	12.26	/	/	<=30	Pass
		Inner_1RB_Left	14.87	/	/	13.19	/	/	<=30	Pass
		Inner_1RB_Right	15.07	/	/	13.39	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	14.39	/	/	12.71	/	/	<=30	Pass
		Edge_1RB_Right	14.81	/	/	13.13	/	/	<=30	Pass
		Outer_Full	13.68	/	/	12.00	/	/	<=30	Pass
		Inner_Full	13.63	/	/	11.95	/	/	<=30	Pass
		Inner_1RB_Left	14.46	/	/	12.78	/	/	<=30	Pass
	3525	Inner_1RB_Right	14.80	/	/	13.12	/	/	<=30	Pass
		Edge_1RB_Left	14.18	/	/	12.50	/	/	<=30	Pass
		Edge_1RB_Right	14.60	/	/	12.92	/	/	<=30	Pass
		Outer_Full	13.41	/	/	11.73	/	/	<=30	Pass
		Inner_Full	13.34	/	/	11.66	/	/	<=30	Pass
		Inner_1RB_Left	14.25	/	/	12.57	/	/	<=30	Pass
		Inner_1RB_Right	14.57	/	/	12.89	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 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 QPSK	3455.01	Edge_1RB_Left	17.07	/	/	15.39	/	/	<=30	Pass
		Edge_1RB_Right	16.75	/	/	15.07	/	/	<=30	Pass
		Outer_Full	16.74	/	/	15.06	/	/	<=30	Pass
		Inner_Full	16.68	/	/	15.00	/	/	<=30	Pass
		Inner_1RB_Left	16.91	/	/	15.23	/	/	<=30	Pass
		Inner_1RB_Right	16.85	/	/	15.17	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.00	/	/	15.32	/	/	<=30	Pass
		Edge_1RB_Right	16.72	/	/	15.04	/	/	<=30	Pass
		Outer_Full	16.77	/	/	15.09	/	/	<=30	Pass
		Inner_Full	16.53	/	/	14.85	/	/	<=30	Pass
		Inner_1RB_Left	16.76	/	/	15.08	/	/	<=30	Pass
		Inner_1RB_Right	16.78	/	/	15.10	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	16.66	/	/	14.98	/	/	<=30	Pass
		Edge_1RB_Right	16.47	/	/	14.79	/	/	<=30	Pass
		Outer_Full	16.48	/	/	14.80	/	/	<=30	Pass
		Inner_Full	16.27	/	/	14.59	/	/	<=30	Pass
		Inner_1RB_Left	16.44	/	/	14.76	/	/	<=30	Pass
		Inner_1RB_Right	16.55	/	/	14.87	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3455.01	Edge_1RB_Left	17.05	/	/	15.37	/	/	<=30	Pass
		Edge_1RB_Right	16.74	/	/	15.06	/	/	<=30	Pass
		Outer_Full	16.78	/	/	15.10	/	/	<=30	Pass
		Inner_Full	16.76	/	/	15.08	/	/	<=30	Pass
		Inner_1RB_Left	16.83	/	/	15.15	/	/	<=30	Pass
		Inner_1RB_Right	16.79	/	/	15.11	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.12	/	/	15.44	/	/	<=30	Pass
		Edge_1RB_Right	16.78	/	/	15.10	/	/	<=30	Pass
		Outer_Full	16.64	/	/	14.96	/	/	<=30	Pass
		Inner_Full	16.57	/	/	14.89	/	/	<=30	Pass
		Inner_1RB_Left	16.81	/	/	15.13	/	/	<=30	Pass
		Inner_1RB_Right	16.86	/	/	15.18	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	16.67	/	/	14.99	/	/	<=30	Pass
		Edge_1RB_Right	16.48	/	/	14.80	/	/	<=30	Pass

		Outer_Full	16.36	/	/	14.68	/	/	<=30	Pass
		Inner_Full	16.27	/	/	14.59	/	/	<=30	Pass
		Inner_1RB_Left	16.51	/	/	14.83	/	/	<=30	Pass
		Inner_1RB_Right	16.60	/	/	14.92	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3455.01	Edge_1RB_Left	17.33	/	/	15.65	/	/	<=30	Pass
		Edge_1RB_Right	17.06	/	/	15.38	/	/	<=30	Pass
		Outer_Full	16.83	/	/	15.15	/	/	<=30	Pass
		Inner_Full	16.71	/	/	15.03	/	/	<=30	Pass
		Inner_1RB_Left	17.14	/	/	15.46	/	/	<=30	Pass
		Inner_1RB_Right	17.09	/	/	15.41	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.87	/	/	15.19	/	/	<=30	Pass
		Edge_1RB_Right	16.61	/	/	14.93	/	/	<=30	Pass
		Outer_Full	16.65	/	/	14.97	/	/	<=30	Pass
		Inner_Full	16.47	/	/	14.79	/	/	<=30	Pass
		Inner_1RB_Left	16.66	/	/	14.98	/	/	<=30	Pass
		Inner_1RB_Right	16.67	/	/	14.99	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	16.51	/	/	14.83	/	/	<=30	Pass
		Edge_1RB_Right	16.32	/	/	14.64	/	/	<=30	Pass
		Outer_Full	16.33	/	/	14.65	/	/	<=30	Pass
		Inner_Full	16.18	/	/	14.50	/	/	<=30	Pass
		Inner_1RB_Left	16.30	/	/	14.62	/	/	<=30	Pass
		Inner_1RB_Right	16.43	/	/	14.75	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3455.01	Edge_1RB_Left	16.95	/	/	15.27	/	/	<=30	Pass
		Edge_1RB_Right	16.65	/	/	14.97	/	/	<=30	Pass
		Outer_Full	16.34	/	/	14.66	/	/	<=30	Pass
		Inner_Full	16.60	/	/	14.92	/	/	<=30	Pass
		Inner_1RB_Left	16.78	/	/	15.10	/	/	<=30	Pass
		Inner_1RB_Right	16.68	/	/	15.00	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.24	/	/	14.56	/	/	<=30	Pass
		Edge_1RB_Right	15.94	/	/	14.26	/	/	<=30	Pass
		Outer_Full	15.50	/	/	13.82	/	/	<=30	Pass
		Inner_Full	15.89	/	/	14.21	/	/	<=30	Pass
		Inner_1RB_Left	16.17	/	/	14.49	/	/	<=30	Pass
		Inner_1RB_Right	16.11	/	/	14.43	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	16.00	/	/	14.32	/	/	<=30	Pass
		Edge_1RB_Right	15.83	/	/	14.15	/	/	<=30	Pass
		Outer_Full	15.33	/	/	13.65	/	/	<=30	Pass
		Inner_Full	15.69	/	/	14.01	/	/	<=30	Pass
		Inner_1RB_Left	15.84	/	/	14.16	/	/	<=30	Pass
		Inner_1RB_Right	15.92	/	/	14.24	/	/	<=30	Pass
CP-OFDM QPSK	3455.01	Edge_1RB_Left	17.10	/	/	15.42	/	/	<=30	Pass
		Edge_1RB_Right	16.99	/	/	15.31	/	/	<=30	Pass
		Outer_Full	16.88	/	/	15.20	/	/	<=30	Pass
		Inner_Full	16.79	/	/	15.11	/	/	<=30	Pass
		Inner_1RB_Left	16.90	/	/	15.22	/	/	<=30	Pass
		Inner_1RB_Right	16.91	/	/	15.23	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.97	/	/	15.29	/	/	<=30	Pass
		Edge_1RB_Right	16.69	/	/	15.01	/	/	<=30	Pass
		Outer_Full	16.66	/	/	14.98	/	/	<=30	Pass
		Inner_Full	16.48	/	/	14.80	/	/	<=30	Pass
		Inner_1RB_Left	16.72	/	/	15.04	/	/	<=30	Pass
		Inner_1RB_Right	16.80	/	/	15.12	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	16.56	/	/	14.88	/	/	<=30	Pass
		Edge_1RB_Right	16.36	/	/	14.68	/	/	<=30	Pass
		Outer_Full	16.26	/	/	14.58	/	/	<=30	Pass
		Inner_Full	16.20	/	/	14.52	/	/	<=30	Pass
		Inner_1RB_Left	16.36	/	/	14.68	/	/	<=30	Pass
		Inner_1RB_Right	16.59	/	/	14.91	/	/	<=30	Pass
CP-OFDM 16 QAM	3455.01	Edge_1RB_Left	17.25	/	/	15.57	/	/	<=30	Pass

		Edge_1RB_Right	17.03	/	/	15.35	/	/	<=30	Pass
		Outer_Full	16.85	/	/	15.17	/	/	<=30	Pass
		Inner_Full	16.84	/	/	15.16	/	/	<=30	Pass
		Inner_1RB_Left	17.09	/	/	15.41	/	/	<=30	Pass
		Inner_1RB_Right	17.05	/	/	15.37	/	/	<=30	Pass
		Edge_1RB_Left	16.92	/	/	15.24	/	/	<=30	Pass
		Edge_1RB_Right	16.67	/	/	14.99	/	/	<=30	Pass
		Outer_Full	16.54	/	/	14.86	/	/	<=30	Pass
		Inner_Full	16.44	/	/	14.76	/	/	<=30	Pass
		Inner_1RB_Left	16.69	/	/	15.01	/	/	<=30	Pass
	Inner_1RB_Right	16.73	/	/	15.05	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	16.60	/	/	14.92	/	/	<=30	Pass
		Edge_1RB_Right	16.46	/	/	14.78	/	/	<=30	Pass
		Outer_Full	16.25	/	/	14.57	/	/	<=30	Pass
		Inner_Full	16.18	/	/	14.50	/	/	<=30	Pass
		Inner_1RB_Left	16.38	/	/	14.70	/	/	<=30	Pass
		Inner_1RB_Right	16.49	/	/	14.81	/	/	<=30	Pass
	CP-OFDM 64 QAM	3455.01	Edge_1RB_Left	17.44	/	/	15.76	/	/	<=30
Edge_1RB_Right			17.18	/	/	15.50	/	/	<=30	Pass
Outer_Full			16.46	/	/	14.78	/	/	<=30	Pass
Inner_Full			16.78	/	/	15.10	/	/	<=30	Pass
Inner_1RB_Left			17.26	/	/	15.58	/	/	<=30	Pass
Inner_1RB_Right			17.23	/	/	15.55	/	/	<=30	Pass
3500.01		Edge_1RB_Left	16.84	/	/	15.16	/	/	<=30	Pass
		Edge_1RB_Right	16.59	/	/	14.91	/	/	<=30	Pass
		Outer_Full	16.01	/	/	14.33	/	/	<=30	Pass
		Inner_Full	16.39	/	/	14.71	/	/	<=30	Pass
		Inner_1RB_Left	16.62	/	/	14.94	/	/	<=30	Pass
		Inner_1RB_Right	16.66	/	/	14.98	/	/	<=30	Pass
3544.98		Edge_1RB_Left	16.52	/	/	14.84	/	/	<=30	Pass
		Edge_1RB_Right	16.36	/	/	14.68	/	/	<=30	Pass
		Outer_Full	15.76	/	/	14.08	/	/	<=30	Pass
		Inner_Full	16.23	/	/	14.55	/	/	<=30	Pass
		Inner_1RB_Left	16.34	/	/	14.66	/	/	<=30	Pass
		Inner_1RB_Right	16.44	/	/	14.76	/	/	<=30	Pass
CP-OFDM 256 QAM	3455.01	Edge_1RB_Left	15.11	/	/	13.43	/	/	<=30	Pass
		Edge_1RB_Right	14.81	/	/	13.13	/	/	<=30	Pass
		Outer_Full	14.28	/	/	12.60	/	/	<=30	Pass
		Inner_Full	14.71	/	/	13.03	/	/	<=30	Pass
		Inner_1RB_Left	14.92	/	/	13.24	/	/	<=30	Pass
		Inner_1RB_Right	14.89	/	/	13.21	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	14.38	/	/	12.70	/	/	<=30	Pass
		Edge_1RB_Right	14.17	/	/	12.49	/	/	<=30	Pass
		Outer_Full	13.62	/	/	11.94	/	/	<=30	Pass
		Inner_Full	14.02	/	/	12.34	/	/	<=30	Pass
		Inner_1RB_Left	14.19	/	/	12.51	/	/	<=30	Pass
		Inner_1RB_Right	14.27	/	/	12.59	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	14.34	/	/	12.66	/	/	<=30	Pass
		Edge_1RB_Right	14.18	/	/	12.50	/	/	<=30	Pass
		Outer_Full	13.66	/	/	11.98	/	/	<=30	Pass
		Inner_Full	14.06	/	/	12.38	/	/	<=30	Pass
		Inner_1RB_Left	14.27	/	/	12.59	/	/	<=30	Pass
		Inner_1RB_Right	14.33	/	/	12.65	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30k_SISO_15MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3457.5	Edge_1RB_Left	17.40	/	/	15.72	/	/	<=30	Pass
		Edge_1RB_Right	17.44	/	/	15.76	/	/	<=30	Pass
		Outer_Full	16.95	/	/	15.27	/	/	<=30	Pass
		Inner_Full	16.67	/	/	14.99	/	/	<=30	Pass
		Inner_1RB_Left	17.29	/	/	15.61	/	/	<=30	Pass
		Inner_1RB_Right	17.31	/	/	15.63	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.09	/	/	15.41	/	/	<=30	Pass
		Edge_1RB_Right	17.15	/	/	15.47	/	/	<=30	Pass
		Outer_Full	16.60	/	/	14.92	/	/	<=30	Pass
		Inner_Full	16.27	/	/	14.59	/	/	<=30	Pass
		Inner_1RB_Left	17.00	/	/	15.32	/	/	<=30	Pass
		Inner_1RB_Right	16.94	/	/	15.26	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	16.67	/	/	14.99	/	/	<=30	Pass
		Edge_1RB_Right	16.85	/	/	15.17	/	/	<=30	Pass
		Outer_Full	16.27	/	/	14.59	/	/	<=30	Pass
		Inner_Full	15.98	/	/	14.30	/	/	<=30	Pass
		Inner_1RB_Left	16.57	/	/	14.89	/	/	<=30	Pass
		Inner_1RB_Right	16.66	/	/	14.98	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3457.5	Edge_1RB_Left	17.51	/	/	15.83	/	/	<=30	Pass
		Edge_1RB_Right	17.52	/	/	15.84	/	/	<=30	Pass
		Outer_Full	16.90	/	/	15.22	/	/	<=30	Pass
		Inner_Full	16.77	/	/	15.09	/	/	<=30	Pass
		Inner_1RB_Left	17.40	/	/	15.72	/	/	<=30	Pass
		Inner_1RB_Right	17.36	/	/	15.68	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.91	/	/	15.23	/	/	<=30	Pass
		Edge_1RB_Right	17.29	/	/	15.61	/	/	<=30	Pass
		Outer_Full	16.51	/	/	14.83	/	/	<=30	Pass
		Inner_Full	16.25	/	/	14.57	/	/	<=30	Pass
		Inner_1RB_Left	16.83	/	/	15.15	/	/	<=30	Pass
		Inner_1RB_Right	16.85	/	/	15.17	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	16.57	/	/	14.89	/	/	<=30	Pass
		Edge_1RB_Right	16.71	/	/	15.03	/	/	<=30	Pass
		Outer_Full	16.20	/	/	14.52	/	/	<=30	Pass
		Inner_Full	15.94	/	/	14.26	/	/	<=30	Pass
		Inner_1RB_Left	16.49	/	/	14.81	/	/	<=30	Pass
		Inner_1RB_Right	16.57	/	/	14.89	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3457.5	Edge_1RB_Left	17.40	/	/	15.72	/	/	<=30	Pass
		Edge_1RB_Right	17.36	/	/	15.68	/	/	<=30	Pass
		Outer_Full	16.93	/	/	15.25	/	/	<=30	Pass
		Inner_Full	16.72	/	/	15.04	/	/	<=30	Pass
		Inner_1RB_Left	17.39	/	/	15.71	/	/	<=30	Pass
		Inner_1RB_Right	17.21	/	/	15.53	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.26	/	/	15.58	/	/	<=30	Pass
		Edge_1RB_Right	17.25	/	/	15.57	/	/	<=30	Pass
		Outer_Full	16.49	/	/	14.81	/	/	<=30	Pass
		Inner_Full	16.26	/	/	14.58	/	/	<=30	Pass
		Inner_1RB_Left	17.14	/	/	15.46	/	/	<=30	Pass
		Inner_1RB_Right	17.12	/	/	15.44	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	16.78	/	/	15.10	/	/	<=30	Pass
		Edge_1RB_Right	17.03	/	/	15.35	/	/	<=30	Pass
		Outer_Full	16.15	/	/	14.47	/	/	<=30	Pass
		Inner_Full	15.94	/	/	14.26	/	/	<=30	Pass
		Inner_1RB_Left	16.71	/	/	15.03	/	/	<=30	Pass
		Inner_1RB_Right	16.87	/	/	15.19	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3457.5	Edge_1RB_Left	17.03	/	/	15.35	/	/	<=30	Pass
		Edge_1RB_Right	17.05	/	/	15.37	/	/	<=30	Pass

		Outer_Full	16.00	/	/	14.32	/	/	<=30	Pass
		Inner_Full	16.29	/	/	14.61	/	/	<=30	Pass
		Inner_1RB_Left	17.00	/	/	15.32	/	/	<=30	Pass
		Inner_1RB_Right	16.90	/	/	15.22	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.33	/	/	14.65	/	/	<=30	Pass
		Edge_1RB_Right	16.35	/	/	14.67	/	/	<=30	Pass
		Outer_Full	15.34	/	/	13.66	/	/	<=30	Pass
		Inner_Full	15.61	/	/	13.93	/	/	<=30	Pass
		Inner_1RB_Left	16.22	/	/	14.54	/	/	<=30	Pass
		Inner_1RB_Right	16.18	/	/	14.50	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	16.08	/	/	14.40	/	/	<=30	Pass
		Edge_1RB_Right	16.25	/	/	14.57	/	/	<=30	Pass
		Outer_Full	15.13	/	/	13.45	/	/	<=30	Pass
		Inner_Full	15.39	/	/	13.71	/	/	<=30	Pass
		Inner_1RB_Left	15.95	/	/	14.27	/	/	<=30	Pass
		Inner_1RB_Right	16.05	/	/	14.37	/	/	<=30	Pass
CP-OFDM QPSK	3457.5	Edge_1RB_Left	17.34	/	/	15.66	/	/	<=30	Pass
		Edge_1RB_Right	17.35	/	/	15.67	/	/	<=30	Pass
		Outer_Full	17.02	/	/	15.34	/	/	<=30	Pass
		Inner_Full	16.60	/	/	14.92	/	/	<=30	Pass
		Inner_1RB_Left	17.21	/	/	15.53	/	/	<=30	Pass
		Inner_1RB_Right	17.21	/	/	15.53	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.92	/	/	15.24	/	/	<=30	Pass
		Edge_1RB_Right	16.99	/	/	15.31	/	/	<=30	Pass
		Outer_Full	16.49	/	/	14.81	/	/	<=30	Pass
		Inner_Full	16.21	/	/	14.53	/	/	<=30	Pass
		Inner_1RB_Left	16.83	/	/	15.15	/	/	<=30	Pass
		Inner_1RB_Right	16.84	/	/	15.16	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	16.54	/	/	14.86	/	/	<=30	Pass
		Edge_1RB_Right	16.70	/	/	15.02	/	/	<=30	Pass
		Outer_Full	16.17	/	/	14.49	/	/	<=30	Pass
		Inner_Full	15.88	/	/	14.20	/	/	<=30	Pass
		Inner_1RB_Left	16.44	/	/	14.76	/	/	<=30	Pass
		Inner_1RB_Right	16.56	/	/	14.88	/	/	<=30	Pass
CP-OFDM 16 QAM	3457.5	Edge_1RB_Left	17.39	/	/	15.71	/	/	<=30	Pass
		Edge_1RB_Right	17.47	/	/	15.79	/	/	<=30	Pass
		Outer_Full	16.97	/	/	15.29	/	/	<=30	Pass
		Inner_Full	16.60	/	/	14.92	/	/	<=30	Pass
		Inner_1RB_Left	17.48	/	/	15.80	/	/	<=30	Pass
		Inner_1RB_Right	17.32	/	/	15.64	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.85	/	/	15.17	/	/	<=30	Pass
		Edge_1RB_Right	16.96	/	/	15.28	/	/	<=30	Pass
		Outer_Full	16.49	/	/	14.81	/	/	<=30	Pass
		Inner_Full	16.20	/	/	14.52	/	/	<=30	Pass
		Inner_1RB_Left	16.80	/	/	15.12	/	/	<=30	Pass
		Inner_1RB_Right	16.76	/	/	15.08	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	16.67	/	/	14.99	/	/	<=30	Pass
		Edge_1RB_Right	16.61	/	/	14.93	/	/	<=30	Pass
		Outer_Full	16.17	/	/	14.49	/	/	<=30	Pass
		Inner_Full	15.86	/	/	14.18	/	/	<=30	Pass
		Inner_1RB_Left	16.53	/	/	14.85	/	/	<=30	Pass
		Inner_1RB_Right	16.48	/	/	14.80	/	/	<=30	Pass
CP-OFDM 64 QAM	3457.5	Edge_1RB_Left	17.56	/	/	15.88	/	/	<=30	Pass
		Edge_1RB_Right	17.41	/	/	15.73	/	/	<=30	Pass
		Outer_Full	16.36	/	/	14.68	/	/	<=30	Pass
		Inner_Full	16.57	/	/	14.89	/	/	<=30	Pass
		Inner_1RB_Left	17.57	/	/	15.89	/	/	<=30	Pass
		Inner_1RB_Right	17.39	/	/	15.71	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.21	/	/	15.53	/	/	<=30	Pass

		Edge_1RB_Right	17.25	/	/	15.57	/	/	<=30	Pass
		Outer_Full	16.01	/	/	14.33	/	/	<=30	Pass
		Inner_Full	16.20	/	/	14.52	/	/	<=30	Pass
		Inner_1RB_Left	17.13	/	/	15.45	/	/	<=30	Pass
		Inner_1RB_Right	17.13	/	/	15.45	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	16.76	/	/	15.08	/	/	<=30	Pass
		Edge_1RB_Right	16.94	/	/	15.26	/	/	<=30	Pass
		Outer_Full	15.66	/	/	13.98	/	/	<=30	Pass
		Inner_Full	15.87	/	/	14.19	/	/	<=30	Pass
		Inner_1RB_Left	16.75	/	/	15.07	/	/	<=30	Pass
	Inner_1RB_Right	16.88	/	/	15.20	/	/	<=30	Pass	
CP-OFDM 256 QAM	3457.5	Edge_1RB_Left	15.14	/	/	13.46	/	/	<=30	Pass
		Edge_1RB_Right	15.16	/	/	13.48	/	/	<=30	Pass
		Outer_Full	14.10	/	/	12.42	/	/	<=30	Pass
		Inner_Full	14.38	/	/	12.70	/	/	<=30	Pass
		Inner_1RB_Left	15.11	/	/	13.43	/	/	<=30	Pass
		Inner_1RB_Right	15.02	/	/	13.34	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	14.54	/	/	12.86	/	/	<=30	Pass
		Edge_1RB_Right	14.73	/	/	13.05	/	/	<=30	Pass
		Outer_Full	13.55	/	/	11.87	/	/	<=30	Pass
		Inner_Full	13.85	/	/	12.17	/	/	<=30	Pass
		Inner_1RB_Left	14.49	/	/	12.81	/	/	<=30	Pass
		Inner_1RB_Right	14.55	/	/	12.87	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	14.24	/	/	12.56	/	/	<=30	Pass
		Edge_1RB_Right	14.48	/	/	12.80	/	/	<=30	Pass
		Outer_Full	13.38	/	/	11.70	/	/	<=30	Pass
		Inner_Full	13.72	/	/	12.04	/	/	<=30	Pass
Inner_1RB_Left		14.19	/	/	12.51	/	/	<=30	Pass	
Inner_1RB_Right		14.36	/	/	12.68	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.10 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 QPSK	3460.02	Edge 1RB Left	17.61	/	/	15.93	/	/	<=30	Pass
		Edge 1RB Right	17.60	/	/	15.92	/	/	<=30	Pass
		Outer Full	9.97	/	/	8.29	/	/	<=30	Pass
		Inner Full	16.68	/	/	15.00	/	/	<=30	Pass
		Inner 1RB Left	17.50	/	/	15.82	/	/	<=30	Pass
		Inner 1RB Right	17.52	/	/	15.84	/	/	<=30	Pass
	3500.01	Edge 1RB Left	17.44	/	/	15.76	/	/	<=30	Pass
		Edge 1RB Right	17.46	/	/	15.78	/	/	<=30	Pass
		Outer Full	16.83	/	/	15.15	/	/	<=30	Pass
		Inner Full	16.35	/	/	14.67	/	/	<=30	Pass
		Inner 1RB Left	17.43	/	/	15.75	/	/	<=30	Pass
		Inner 1RB Right	17.32	/	/	15.64	/	/	<=30	Pass
	3540	Edge 1RB Left	17.08	/	/	15.40	/	/	<=30	Pass
		Edge 1RB Right	17.28	/	/	15.60	/	/	<=30	Pass
		Outer Full	16.53	/	/	14.85	/	/	<=30	Pass
		Inner Full	16.10	/	/	14.42	/	/	<=30	Pass
		Inner 1RB Left	17.03	/	/	15.35	/	/	<=30	Pass
		Inner 1RB Right	17.14	/	/	15.46	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3460.02	Edge 1RB Left	17.48	/	/	15.80	/	/	<=30	Pass
		Edge 1RB Right	17.90	/	/	16.22	/	/	<=30	Pass

		Outer_Full	16.95	/	/	15.27	/	/	<=30	Pass
		Inner_Full	16.67	/	/	14.99	/	/	<=30	Pass
		Inner_1RB_Left	17.52	/	/	15.84	/	/	<=30	Pass
		Inner_1RB_Right	17.51	/	/	15.83	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.46	/	/	15.78	/	/	<=30	Pass
		Edge_1RB_Right	17.52	/	/	15.84	/	/	<=30	Pass
		Outer_Full	16.74	/	/	15.06	/	/	<=30	Pass
		Inner_Full	16.30	/	/	14.62	/	/	<=30	Pass
		Inner_1RB_Left	17.45	/	/	15.77	/	/	<=30	Pass
		Inner_1RB_Right	17.31	/	/	15.63	/	/	<=30	Pass
	3540	Edge_1RB_Left	17.13	/	/	15.45	/	/	<=30	Pass
		Edge_1RB_Right	17.29	/	/	15.61	/	/	<=30	Pass
		Outer_Full	16.44	/	/	14.76	/	/	<=30	Pass
		Inner_Full	16.07	/	/	14.39	/	/	<=30	Pass
		Inner_1RB_Left	17.06	/	/	15.38	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3460.02	Inner_1RB_Right	17.12	/	/	15.44	/	/	<=30	Pass
		Edge_1RB_Left	17.86	/	/	16.18	/	/	<=30	Pass
		Edge_1RB_Right	17.80	/	/	16.12	/	/	<=30	Pass
		Outer_Full	16.99	/	/	15.31	/	/	<=30	Pass
		Inner_Full	16.70	/	/	15.02	/	/	<=30	Pass
		Inner_1RB_Left	17.78	/	/	16.10	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	17.77	/	/	16.09	/	/	<=30	Pass
		Edge_1RB_Left	17.35	/	/	15.67	/	/	<=30	Pass
		Edge_1RB_Right	17.35	/	/	15.67	/	/	<=30	Pass
		Outer_Full	16.67	/	/	14.99	/	/	<=30	Pass
		Inner_Full	16.33	/	/	14.65	/	/	<=30	Pass
		Inner_1RB_Left	17.27	/	/	15.59	/	/	<=30	Pass
	3540	Inner_1RB_Right	17.21	/	/	15.53	/	/	<=30	Pass
		Edge_1RB_Left	17.05	/	/	15.37	/	/	<=30	Pass
		Edge_1RB_Right	17.15	/	/	15.47	/	/	<=30	Pass
		Outer_Full	16.43	/	/	14.75	/	/	<=30	Pass
		Inner_Full	16.10	/	/	14.42	/	/	<=30	Pass
		Inner_1RB_Left	17.14	/	/	15.46	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3460.02	Inner_1RB_Right	17.01	/	/	15.33	/	/	<=30	Pass
		Edge_1RB_Left	17.17	/	/	15.49	/	/	<=30	Pass
		Edge_1RB_Right	17.19	/	/	15.51	/	/	<=30	Pass
		Outer_Full	16.07	/	/	14.39	/	/	<=30	Pass
		Inner_Full	16.21	/	/	14.53	/	/	<=30	Pass
		Inner_1RB_Left	17.27	/	/	15.59	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	17.12	/	/	15.44	/	/	<=30	Pass
		Edge_1RB_Left	16.70	/	/	15.02	/	/	<=30	Pass
		Edge_1RB_Right	16.76	/	/	15.08	/	/	<=30	Pass
		Outer_Full	15.53	/	/	13.85	/	/	<=30	Pass
		Inner_Full	15.64	/	/	13.96	/	/	<=30	Pass
		Inner_1RB_Left	16.68	/	/	15.00	/	/	<=30	Pass
	3540	Inner_1RB_Right	16.53	/	/	14.85	/	/	<=30	Pass
		Edge_1RB_Left	16.44	/	/	14.76	/	/	<=30	Pass
		Edge_1RB_Right	16.61	/	/	14.93	/	/	<=30	Pass
		Outer_Full	15.42	/	/	13.74	/	/	<=30	Pass
		Inner_Full	15.50	/	/	13.82	/	/	<=30	Pass
		Inner_1RB_Left	16.43	/	/	14.75	/	/	<=30	Pass
CP-OFDM QPSK	3460.02	Inner_1RB_Right	16.47	/	/	14.79	/	/	<=30	Pass
		Edge_1RB_Left	17.40	/	/	15.72	/	/	<=30	Pass
		Edge_1RB_Right	17.60	/	/	15.92	/	/	<=30	Pass
		Outer_Full	16.99	/	/	15.31	/	/	<=30	Pass
		Inner_Full	16.56	/	/	14.88	/	/	<=30	Pass
		Inner_1RB_Left	17.50	/	/	15.82	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	17.38	/	/	15.70	/	/	<=30	Pass
		Edge_1RB_Left	17.43	/	/	15.75	/	/	<=30	Pass

		Edge_1RB_Right	17.38	/	/	15.70	/	/	<=30	Pass
		Outer_Full	16.71	/	/	15.03	/	/	<=30	Pass
		Inner_Full	16.25	/	/	14.57	/	/	<=30	Pass
		Inner_1RB_Left	17.35	/	/	15.67	/	/	<=30	Pass
	3540	Inner_1RB_Right	17.21	/	/	15.53	/	/	<=30	Pass
		Edge_1RB_Left	17.03	/	/	15.35	/	/	<=30	Pass
		Edge_1RB_Right	17.22	/	/	15.54	/	/	<=30	Pass
		Outer_Full	16.44	/	/	14.76	/	/	<=30	Pass
		Inner_Full	16.03	/	/	14.35	/	/	<=30	Pass
		Inner_1RB_Left	17.02	/	/	15.34	/	/	<=30	Pass
		Inner_1RB_Right	17.03	/	/	15.35	/	/	<=30	Pass
		Edge_1RB_Left	17.51	/	/	15.83	/	/	<=30	Pass
CP-OFDM 16 QAM	3460.02	Edge_1RB_Right	17.46	/	/	15.78	/	/	<=30	Pass
		Outer_Full	17.05	/	/	15.37	/	/	<=30	Pass
		Inner_Full	16.65	/	/	14.97	/	/	<=30	Pass
		Inner_1RB_Left	17.45	/	/	15.77	/	/	<=30	Pass
		Inner_1RB_Right	17.42	/	/	15.74	/	/	<=30	Pass
		Edge_1RB_Left	17.39	/	/	15.71	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	17.40	/	/	15.72	/	/	<=30	Pass
		Outer_Full	16.68	/	/	15.00	/	/	<=30	Pass
		Inner_Full	16.26	/	/	14.58	/	/	<=30	Pass
		Inner_1RB_Left	17.41	/	/	15.73	/	/	<=30	Pass
		Inner_1RB_Right	17.30	/	/	15.62	/	/	<=30	Pass
		Edge_1RB_Left	17.07	/	/	15.39	/	/	<=30	Pass
CP-OFDM 64 QAM	3540	Edge_1RB_Right	17.22	/	/	15.54	/	/	<=30	Pass
		Outer_Full	16.42	/	/	14.74	/	/	<=30	Pass
		Inner_Full	16.03	/	/	14.35	/	/	<=30	Pass
		Inner_1RB_Left	17.05	/	/	15.37	/	/	<=30	Pass
		Inner_1RB_Right	17.07	/	/	15.39	/	/	<=30	Pass
		Edge_1RB_Left	17.81	/	/	16.13	/	/	<=30	Pass
	3460.02	Edge_1RB_Right	17.94	/	/	16.26	/	/	<=30	Pass
		Outer_Full	16.49	/	/	14.81	/	/	<=30	Pass
		Inner_Full	16.69	/	/	15.01	/	/	<=30	Pass
		Inner_1RB_Left	17.75	/	/	16.07	/	/	<=30	Pass
		Inner_1RB_Right	17.68	/	/	16.00	/	/	<=30	Pass
		Edge_1RB_Left	17.35	/	/	15.67	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Edge_1RB_Right	17.41	/	/	15.73	/	/	<=30	Pass
		Outer_Full	16.19	/	/	14.51	/	/	<=30	Pass
		Inner_Full	16.32	/	/	14.64	/	/	<=30	Pass
		Inner_1RB_Left	17.41	/	/	15.73	/	/	<=30	Pass
		Inner_1RB_Right	17.26	/	/	15.58	/	/	<=30	Pass
		Edge_1RB_Left	17.22	/	/	15.54	/	/	<=30	Pass
	3540	Edge_1RB_Right	17.20	/	/	15.52	/	/	<=30	Pass
		Outer_Full	15.97	/	/	14.29	/	/	<=30	Pass
		Inner_Full	16.06	/	/	14.38	/	/	<=30	Pass
		Inner_1RB_Left	17.26	/	/	15.58	/	/	<=30	Pass
		Inner_1RB_Right	17.15	/	/	15.47	/	/	<=30	Pass
		Edge_1RB_Left	15.26	/	/	13.58	/	/	<=30	Pass
CP-OFDM 256 QAM	3460.02	Edge_1RB_Right	15.26	/	/	13.58	/	/	<=30	Pass
		Outer_Full	14.18	/	/	12.50	/	/	<=30	Pass
		Inner_Full	14.28	/	/	12.60	/	/	<=30	Pass
		Inner_1RB_Left	15.27	/	/	13.59	/	/	<=30	Pass
		Inner_1RB_Right	15.20	/	/	13.52	/	/	<=30	Pass
		Edge_1RB_Left	14.89	/	/	13.21	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	14.98	/	/	13.30	/	/	<=30	Pass
		Outer_Full	13.79	/	/	12.11	/	/	<=30	Pass
		Inner_Full	13.94	/	/	12.26	/	/	<=30	Pass
		Inner_1RB_Left	14.91	/	/	13.23	/	/	<=30	Pass
		Inner_1RB_Right	14.85	/	/	13.17	/	/	<=30	Pass

	3540	Edge_1RB_Left	14.84	/	/	13.16	/	/	<=30	Pass
		Edge_1RB_Right	14.99	/	/	13.31	/	/	<=30	Pass
		Outer_Full	13.74	/	/	12.06	/	/	<=30	Pass
		Inner_Full	13.90	/	/	12.22	/	/	<=30	Pass
		Inner_1RB_Left	14.79	/	/	13.11	/	/	<=30	Pass
		Inner_1RB_Right	14.86	/	/	13.18	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.11 30k_SISO_25MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 25MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3462.51	Edge_1RB_Left	16.64	/	/	14.96	/	/	<=30	Pass
		Edge_1RB_Right	16.73	/	/	15.05	/	/	<=30	Pass
		Outer_Full	17.21	/	/	15.53	/	/	<=30	Pass
		Inner_Full	16.71	/	/	15.03	/	/	<=30	Pass
		Inner_1RB_Left	16.91	/	/	15.23	/	/	<=30	Pass
		Inner_1RB_Right	16.81	/	/	15.13	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.58	/	/	14.90	/	/	<=30	Pass
		Edge_1RB_Right	16.61	/	/	14.93	/	/	<=30	Pass
		Outer_Full	17.12	/	/	15.44	/	/	<=30	Pass
		Inner_Full	16.57	/	/	14.89	/	/	<=30	Pass
		Inner_1RB_Left	16.96	/	/	15.28	/	/	<=30	Pass
		Inner_1RB_Right	16.71	/	/	15.03	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	16.04	/	/	14.36	/	/	<=30	Pass
		Edge_1RB_Right	16.30	/	/	14.62	/	/	<=30	Pass
		Outer_Full	16.60	/	/	14.92	/	/	<=30	Pass
		Inner_Full	16.09	/	/	14.41	/	/	<=30	Pass
		Inner_1RB_Left	16.40	/	/	14.72	/	/	<=30	Pass
		Inner_1RB_Right	16.33	/	/	14.65	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3462.51	Edge_1RB_Left	16.47	/	/	14.79	/	/	<=30	Pass
		Edge_1RB_Right	16.62	/	/	14.94	/	/	<=30	Pass
		Outer_Full	17.13	/	/	15.45	/	/	<=30	Pass
		Inner_Full	16.63	/	/	14.95	/	/	<=30	Pass
		Inner_1RB_Left	17.08	/	/	15.40	/	/	<=30	Pass
		Inner_1RB_Right	16.77	/	/	15.09	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.63	/	/	14.95	/	/	<=30	Pass
		Edge_1RB_Right	16.66	/	/	14.98	/	/	<=30	Pass
		Outer_Full	16.96	/	/	15.28	/	/	<=30	Pass
		Inner_Full	16.54	/	/	14.86	/	/	<=30	Pass
		Inner_1RB_Left	17.01	/	/	15.33	/	/	<=30	Pass
		Inner_1RB_Right	16.75	/	/	15.07	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	16.03	/	/	14.35	/	/	<=30	Pass
		Edge_1RB_Right	16.37	/	/	14.69	/	/	<=30	Pass
		Outer_Full	16.45	/	/	14.77	/	/	<=30	Pass
		Inner_Full	16.09	/	/	14.41	/	/	<=30	Pass
		Inner_1RB_Left	16.44	/	/	14.76	/	/	<=30	Pass
		Inner_1RB_Right	16.33	/	/	14.65	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3462.51	Edge_1RB_Left	16.31	/	/	14.63	/	/	<=30	Pass
		Edge_1RB_Right	16.47	/	/	14.79	/	/	<=30	Pass
		Outer_Full	17.07	/	/	15.39	/	/	<=30	Pass
		Inner_Full	16.64	/	/	14.96	/	/	<=30	Pass
		Inner_1RB_Left	16.77	/	/	15.09	/	/	<=30	Pass
		Inner_1RB_Right	16.59	/	/	14.91	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.59	/	/	14.91	/	/	<=30	Pass

		Edge_1RB_Right	16.67	/	/	14.99	/	/	<=30	Pass
		Outer_Full	16.98	/	/	15.30	/	/	<=30	Pass
		Inner_Full	16.51	/	/	14.83	/	/	<=30	Pass
		Inner_1RB_Left	17.02	/	/	15.34	/	/	<=30	Pass
	3537.48	Inner_1RB_Right	16.77	/	/	15.09	/	/	<=30	Pass
		Edge_1RB_Left	16.16	/	/	14.48	/	/	<=30	Pass
		Edge_1RB_Right	16.27	/	/	14.59	/	/	<=30	Pass
		Outer_Full	16.50	/	/	14.82	/	/	<=30	Pass
		Inner_Full	16.02	/	/	14.34	/	/	<=30	Pass
		Inner_1RB_Left	16.53	/	/	14.85	/	/	<=30	Pass
		Inner_1RB_Right	16.39	/	/	14.71	/	/	<=30	Pass
		Edge_1RB_Left	16.16	/	/	14.48	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3462.51	Edge_1RB_Right	16.23	/	/	14.55	/	/	<=30	Pass
		Outer_Full	16.14	/	/	14.46	/	/	<=30	Pass
		Inner_Full	16.22	/	/	14.54	/	/	<=30	Pass
		Inner_1RB_Left	16.67	/	/	14.99	/	/	<=30	Pass
		Inner_1RB_Right	16.28	/	/	14.60	/	/	<=30	Pass
		Edge_1RB_Left	15.81	/	/	14.13	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	15.86	/	/	14.18	/	/	<=30	Pass
		Outer_Full	15.78	/	/	14.10	/	/	<=30	Pass
		Inner_Full	15.86	/	/	14.18	/	/	<=30	Pass
		Inner_1RB_Left	16.21	/	/	14.53	/	/	<=30	Pass
		Inner_1RB_Right	15.97	/	/	14.29	/	/	<=30	Pass
		Edge_1RB_Left	15.40	/	/	13.72	/	/	<=30	Pass
CP-OFDM QPSK	3537.48	Edge_1RB_Right	15.58	/	/	13.90	/	/	<=30	Pass
		Outer_Full	15.50	/	/	13.82	/	/	<=30	Pass
		Inner_Full	15.47	/	/	13.79	/	/	<=30	Pass
		Inner_1RB_Left	15.77	/	/	14.09	/	/	<=30	Pass
		Inner_1RB_Right	15.69	/	/	14.01	/	/	<=30	Pass
		Edge_1RB_Left	16.45	/	/	14.77	/	/	<=30	Pass
	3462.51	Edge_1RB_Right	16.56	/	/	14.88	/	/	<=30	Pass
		Outer_Full	16.96	/	/	15.28	/	/	<=30	Pass
		Inner_Full	16.54	/	/	14.86	/	/	<=30	Pass
		Inner_1RB_Left	16.89	/	/	15.21	/	/	<=30	Pass
		Inner_1RB_Right	16.70	/	/	15.02	/	/	<=30	Pass
		Edge_1RB_Left	16.42	/	/	14.74	/	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Edge_1RB_Right	16.50	/	/	14.82	/	/	<=30	Pass
		Outer_Full	16.88	/	/	15.20	/	/	<=30	Pass
		Inner_Full	16.49	/	/	14.81	/	/	<=30	Pass
		Inner_1RB_Left	16.85	/	/	15.17	/	/	<=30	Pass
		Inner_1RB_Right	16.69	/	/	15.01	/	/	<=30	Pass
		Edge_1RB_Left	15.97	/	/	14.29	/	/	<=30	Pass
	3537.48	Edge_1RB_Right	16.15	/	/	14.47	/	/	<=30	Pass
		Outer_Full	16.42	/	/	14.74	/	/	<=30	Pass
		Inner_Full	16.01	/	/	14.33	/	/	<=30	Pass
		Inner_1RB_Left	16.37	/	/	14.69	/	/	<=30	Pass
		Inner_1RB_Right	16.24	/	/	14.56	/	/	<=30	Pass
		Edge_1RB_Left	16.42	/	/	14.74	/	/	<=30	Pass
CP-OFDM 16 QAM	3462.51	Edge_1RB_Right	16.56	/	/	14.88	/	/	<=30	Pass
		Outer_Full	16.93	/	/	15.25	/	/	<=30	Pass
		Inner_Full	16.53	/	/	14.85	/	/	<=30	Pass
		Inner_1RB_Left	16.89	/	/	15.21	/	/	<=30	Pass
		Inner_1RB_Right	16.68	/	/	15.00	/	/	<=30	Pass
		Edge_1RB_Left	16.54	/	/	14.86	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	16.55	/	/	14.87	/	/	<=30	Pass
		Outer_Full	16.85	/	/	15.17	/	/	<=30	Pass
		Inner_Full	16.49	/	/	14.81	/	/	<=30	Pass
		Inner_1RB_Left	16.95	/	/	15.27	/	/	<=30	Pass
		Inner_1RB_Right	16.70	/	/	15.02	/	/	<=30	Pass
		Edge_1RB_Left	16.42	/	/	14.74	/	/	<=30	Pass

	3537.48	Edge_1RB_Left	16.00	/	/	14.32	/	/	<=30	Pass
		Edge_1RB_Right	16.17	/	/	14.49	/	/	<=30	Pass
		Outer_Full	16.38	/	/	14.70	/	/	<=30	Pass
		Inner_Full	15.99	/	/	14.31	/	/	<=30	Pass
		Inner_1RB_Left	16.40	/	/	14.72	/	/	<=30	Pass
		Inner_1RB_Right	16.27	/	/	14.59	/	/	<=30	Pass
CP-OFDM 64 QAM	3462.51	Edge_1RB_Left	16.38	/	/	14.70	/	/	<=30	Pass
		Edge_1RB_Right	16.49	/	/	14.81	/	/	<=30	Pass
		Outer_Full	16.37	/	/	14.69	/	/	<=30	Pass
		Inner_Full	16.55	/	/	14.87	/	/	<=30	Pass
		Inner_1RB_Left	16.81	/	/	15.13	/	/	<=30	Pass
		Inner_1RB_Right	16.60	/	/	14.92	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.64	/	/	14.96	/	/	<=30	Pass
		Edge_1RB_Right	16.71	/	/	15.03	/	/	<=30	Pass
		Outer_Full	16.38	/	/	14.70	/	/	<=30	Pass
		Inner_Full	16.49	/	/	14.81	/	/	<=30	Pass
		Inner_1RB_Left	17.12	/	/	15.44	/	/	<=30	Pass
		Inner_1RB_Right	16.78	/	/	15.10	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	16.13	/	/	14.45	/	/	<=30	Pass
		Edge_1RB_Right	16.29	/	/	14.61	/	/	<=30	Pass
		Outer_Full	15.94	/	/	14.26	/	/	<=30	Pass
		Inner_Full	15.99	/	/	14.31	/	/	<=30	Pass
		Inner_1RB_Left	16.53	/	/	14.85	/	/	<=30	Pass
		Inner_1RB_Right	16.45	/	/	14.77	/	/	<=30	Pass
CP-OFDM 256 QAM	3462.51	Edge_1RB_Left	14.20	/	/	12.52	/	/	<=30	Pass
		Edge_1RB_Right	14.17	/	/	12.49	/	/	<=30	Pass
		Outer_Full	14.11	/	/	12.43	/	/	<=30	Pass
		Inner_Full	14.32	/	/	12.64	/	/	<=30	Pass
		Inner_1RB_Left	14.66	/	/	12.98	/	/	<=30	Pass
		Inner_1RB_Right	14.33	/	/	12.65	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	14.01	/	/	12.33	/	/	<=30	Pass
		Edge_1RB_Right	14.05	/	/	12.37	/	/	<=30	Pass
		Outer_Full	13.88	/	/	12.20	/	/	<=30	Pass
		Inner_Full	14.06	/	/	12.38	/	/	<=30	Pass
		Inner_1RB_Left	14.48	/	/	12.80	/	/	<=30	Pass
		Inner_1RB_Right	14.28	/	/	12.60	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	13.74	/	/	12.06	/	/	<=30	Pass
		Edge_1RB_Right	13.87	/	/	12.19	/	/	<=30	Pass
		Outer_Full	13.58	/	/	11.90	/	/	<=30	Pass
		Inner_Full	13.75	/	/	12.07	/	/	<=30	Pass
		Inner_1RB_Left	14.05	/	/	12.37	/	/	<=30	Pass
		Inner_1RB_Right	13.96	/	/	12.28	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -1.68dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.12 30k_SISO_30MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3465	Edge_1RB_Left	17.61	/	/	15.93	/	/	<=30	Pass
		Edge_1RB_Right	17.25	/	/	15.57	/	/	<=30	Pass
		Outer_Full	16.66	/	/	14.98	/	/	<=30	Pass
		Inner_Full	16.16	/	/	14.48	/	/	<=30	Pass
		Inner_1RB_Left	17.44	/	/	15.76	/	/	<=30	Pass
		Inner_1RB_Right	17.29	/	/	15.61	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.66	/	/	15.98	/	/	<=30	Pass

		Edge_1RB_Right	17.19	/	/	15.51	/	/	<=30	Pass
		Outer_Full	16.68	/	/	15.00	/	/	<=30	Pass
		Inner_Full	16.21	/	/	14.53	/	/	<=30	Pass
		Inner_1RB_Left	17.49	/	/	15.81	/	/	<=30	Pass
	3534.99	Inner_1RB_Right	17.22	/	/	15.54	/	/	<=30	Pass
		Edge_1RB_Left	17.59	/	/	15.91	/	/	<=30	Pass
		Edge_1RB_Right	17.27	/	/	15.59	/	/	<=30	Pass
		Outer_Full	16.71	/	/	15.03	/	/	<=30	Pass
		Inner_Full	16.34	/	/	14.66	/	/	<=30	Pass
		Inner_1RB_Left	17.40	/	/	15.72	/	/	<=30	Pass
		Inner_1RB_Right	17.49	/	/	15.81	/	/	<=30	Pass
		Edge_1RB_Left	17.61	/	/	15.93	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3465	Edge_1RB_Right	17.26	/	/	15.58	/	/	<=30	Pass
		Outer_Full	16.66	/	/	14.98	/	/	<=30	Pass
		Inner_Full	16.17	/	/	14.49	/	/	<=30	Pass
		Inner_1RB_Left	17.47	/	/	15.79	/	/	<=30	Pass
		Inner_1RB_Right	17.32	/	/	15.64	/	/	<=30	Pass
		Edge_1RB_Left	17.75	/	/	16.07	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	17.20	/	/	15.52	/	/	<=30	Pass
		Outer_Full	16.57	/	/	14.89	/	/	<=30	Pass
		Inner_Full	16.23	/	/	14.55	/	/	<=30	Pass
		Inner_1RB_Left	17.37	/	/	15.69	/	/	<=30	Pass
		Inner_1RB_Right	17.25	/	/	15.57	/	/	<=30	Pass
		Edge_1RB_Left	17.48	/	/	15.80	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3534.99	Edge_1RB_Right	17.17	/	/	15.49	/	/	<=30	Pass
		Outer_Full	16.64	/	/	14.96	/	/	<=30	Pass
		Inner_Full	16.23	/	/	14.55	/	/	<=30	Pass
		Inner_1RB_Left	17.32	/	/	15.64	/	/	<=30	Pass
		Inner_1RB_Right	17.21	/	/	15.53	/	/	<=30	Pass
		Edge_1RB_Left	17.69	/	/	16.01	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3465	Edge_1RB_Right	17.32	/	/	15.64	/	/	<=30	Pass
		Outer_Full	16.67	/	/	14.99	/	/	<=30	Pass
		Inner_Full	16.18	/	/	14.50	/	/	<=30	Pass
		Inner_1RB_Left	17.56	/	/	15.88	/	/	<=30	Pass
		Inner_1RB_Right	17.37	/	/	15.69	/	/	<=30	Pass
		Edge_1RB_Left	17.79	/	/	16.11	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	17.25	/	/	15.57	/	/	<=30	Pass
		Outer_Full	16.59	/	/	14.91	/	/	<=30	Pass
		Inner_Full	16.22	/	/	14.54	/	/	<=30	Pass
		Inner_1RB_Left	17.66	/	/	15.98	/	/	<=30	Pass
		Inner_1RB_Right	17.29	/	/	15.61	/	/	<=30	Pass
		Edge_1RB_Left	17.70	/	/	16.02	/	/	<=30	Pass
	3534.99	Edge_1RB_Right	17.38	/	/	15.70	/	/	<=30	Pass
		Outer_Full	16.59	/	/	14.91	/	/	<=30	Pass
		Inner_Full	16.20	/	/	14.52	/	/	<=30	Pass
		Inner_1RB_Left	17.55	/	/	15.87	/	/	<=30	Pass
		Inner_1RB_Right	17.41	/	/	15.73	/	/	<=30	Pass
		Edge_1RB_Left	17.31	/	/	15.63	/	/	<=30	Pass
	3465	Edge_1RB_Right	16.82	/	/	15.14	/	/	<=30	Pass
		Outer_Full	15.75	/	/	14.07	/	/	<=30	Pass
		Inner_Full	15.92	/	/	14.24	/	/	<=30	Pass
		Inner_1RB_Left	17.18	/	/	15.50	/	/	<=30	Pass
		Inner_1RB_Right	16.87	/	/	15.19	/	/	<=30	Pass
		Edge_1RB_Left	16.86	/	/	15.18	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	16.76	/	/	15.08	/	/	<=30	Pass
		Outer_Full	15.43	/	/	13.75	/	/	<=30	Pass
		Inner_Full	15.71	/	/	14.03	/	/	<=30	Pass
		Inner_1RB_Left	16.94	/	/	15.26	/	/	<=30	Pass
		Inner_1RB_Right	16.70	/	/	15.02	/	/	<=30	Pass

	3534.99	Edge_1RB_Left	16.90	/	/	15.22	/	/	<=30	Pass
		Edge_1RB_Right	16.62	/	/	14.94	/	/	<=30	Pass
		Outer_Full	15.54	/	/	13.86	/	/	<=30	Pass
		Inner_Full	15.90	/	/	14.22	/	/	<=30	Pass
		Inner_1RB_Left	5.94	/	/	4.26	/	/	<=30	Pass
		Inner_1RB_Right	16.87	/	/	15.19	/	/	<=30	Pass
CP-OFDM QPSK	3465	Edge_1RB_Left	17.48	/	/	15.80	/	/	<=30	Pass
		Edge_1RB_Right	17.21	/	/	15.53	/	/	<=30	Pass
		Outer_Full	16.67	/	/	14.99	/	/	<=30	Pass
		Inner_Full	16.16	/	/	14.48	/	/	<=30	Pass
		Inner_1RB_Left	17.39	/	/	15.71	/	/	<=30	Pass
		Inner_1RB_Right	17.29	/	/	15.61	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.59	/	/	15.91	/	/	<=30	Pass
		Edge_1RB_Right	17.13	/	/	15.45	/	/	<=30	Pass
		Outer_Full	16.74	/	/	15.06	/	/	<=30	Pass
		Inner_Full	16.28	/	/	14.60	/	/	<=30	Pass
		Inner_1RB_Left	17.44	/	/	15.76	/	/	<=30	Pass
		Inner_1RB_Right	17.19	/	/	15.51	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	17.64	/	/	15.96	/	/	<=30	Pass
		Edge_1RB_Right	17.19	/	/	15.51	/	/	<=30	Pass
		Outer_Full	16.76	/	/	15.08	/	/	<=30	Pass
		Inner_Full	16.26	/	/	14.58	/	/	<=30	Pass
		Inner_1RB_Left	17.48	/	/	15.80	/	/	<=30	Pass
		Inner_1RB_Right	17.24	/	/	15.56	/	/	<=30	Pass
CP-OFDM 16 QAM	3465	Edge_1RB_Left	17.54	/	/	15.86	/	/	<=30	Pass
		Edge_1RB_Right	17.22	/	/	15.54	/	/	<=30	Pass
		Outer_Full	16.58	/	/	14.90	/	/	<=30	Pass
		Inner_Full	16.13	/	/	14.45	/	/	<=30	Pass
		Inner_1RB_Left	17.42	/	/	15.74	/	/	<=30	Pass
		Inner_1RB_Right	17.30	/	/	15.62	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.51	/	/	15.83	/	/	<=30	Pass
		Edge_1RB_Right	17.06	/	/	15.38	/	/	<=30	Pass
		Outer_Full	16.67	/	/	14.99	/	/	<=30	Pass
		Inner_Full	16.25	/	/	14.57	/	/	<=30	Pass
		Inner_1RB_Left	17.38	/	/	15.70	/	/	<=30	Pass
		Inner_1RB_Right	17.14	/	/	15.46	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	17.60	/	/	15.92	/	/	<=30	Pass
		Edge_1RB_Right	17.12	/	/	15.44	/	/	<=30	Pass
		Outer_Full	16.67	/	/	14.99	/	/	<=30	Pass
		Inner_Full	16.23	/	/	14.55	/	/	<=30	Pass
		Inner_1RB_Left	17.47	/	/	15.79	/	/	<=30	Pass
		Inner_1RB_Right	17.19	/	/	15.51	/	/	<=30	Pass
CP-OFDM 64 QAM	3465	Edge_1RB_Left	17.72	/	/	16.04	/	/	<=30	Pass
		Edge_1RB_Right	17.36	/	/	15.68	/	/	<=30	Pass
		Outer_Full	16.01	/	/	14.33	/	/	<=30	Pass
		Inner_Full	16.17	/	/	14.49	/	/	<=30	Pass
		Inner_1RB_Left	17.63	/	/	15.95	/	/	<=30	Pass
		Inner_1RB_Right	17.43	/	/	15.75	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.84	/	/	16.16	/	/	<=30	Pass
		Edge_1RB_Right	17.40	/	/	15.72	/	/	<=30	Pass
		Outer_Full	16.16	/	/	14.48	/	/	<=30	Pass
		Inner_Full	16.27	/	/	14.59	/	/	<=30	Pass
		Inner_1RB_Left	17.70	/	/	16.02	/	/	<=30	Pass
		Inner_1RB_Right	17.47	/	/	15.79	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	17.56	/	/	15.88	/	/	<=30	Pass
		Edge_1RB_Right	17.45	/	/	15.77	/	/	<=30	Pass
		Outer_Full	16.17	/	/	14.49	/	/	<=30	Pass
		Inner_Full	16.26	/	/	14.58	/	/	<=30	Pass
		Inner_1RB_Left	17.62	/	/	15.94	/	/	<=30	Pass

CP-OFDM 256 QAM	3465	Inner 1RB Right	17.52	/	/	15.84	/	/	<=30	Pass
		Edge 1RB Left	15.55	/	/	13.87	/	/	<=30	Pass
		Edge 1RB Right	15.03	/	/	13.35	/	/	<=30	Pass
		Outer Full	13.95	/	/	12.27	/	/	<=30	Pass
		Inner Full	14.07	/	/	12.39	/	/	<=30	Pass
		Inner 1RB Left	15.40	/	/	13.72	/	/	<=30	Pass
	3500.01	Inner 1RB Right	15.14	/	/	13.46	/	/	<=30	Pass
		Edge 1RB Left	15.21	/	/	13.53	/	/	<=30	Pass
		Edge 1RB Right	15.10	/	/	13.42	/	/	<=30	Pass
		Outer Full	13.74	/	/	12.06	/	/	<=30	Pass
		Inner Full	13.98	/	/	12.30	/	/	<=30	Pass
		Inner 1RB Left	15.27	/	/	13.59	/	/	<=30	Pass
	3534.99	Inner 1RB Right	15.10	/	/	13.42	/	/	<=30	Pass
		Edge 1RB Left	15.32	/	/	13.64	/	/	<=30	Pass
		Edge 1RB Right	15.08	/	/	13.40	/	/	<=30	Pass
		Outer Full	13.95	/	/	12.27	/	/	<=30	Pass
		Inner Full	14.05	/	/	12.37	/	/	<=30	Pass
		Inner 1RB Left	15.19	/	/	13.51	/	/	<=30	Pass
		Inner 1RB Right	15.16	/	/	13.48	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.13 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 QPSK	3470.01	Edge 1RB Left	18.63	/	/	16.95	/	/	<=30	Pass
		Edge 1RB Right	18.01	/	/	16.33	/	/	<=30	Pass
		Outer Full	17.30	/	/	15.62	/	/	<=30	Pass
		Inner Full	16.61	/	/	14.93	/	/	<=30	Pass
		Inner 1RB Left	18.53	/	/	16.85	/	/	<=30	Pass
		Inner 1RB Right	18.11	/	/	16.43	/	/	<=30	Pass
	3500.01	Edge 1RB Left	18.62	/	/	16.94	/	/	<=30	Pass
		Edge 1RB Right	17.91	/	/	16.23	/	/	<=30	Pass
		Outer Full	17.39	/	/	15.71	/	/	<=30	Pass
		Inner Full	16.68	/	/	15.00	/	/	<=30	Pass
		Inner 1RB Left	18.48	/	/	16.80	/	/	<=30	Pass
		Inner 1RB Right	18.00	/	/	16.32	/	/	<=30	Pass
	3529.98	Edge 1RB Left	18.12	/	/	16.44	/	/	<=30	Pass
		Edge 1RB Right	17.53	/	/	15.85	/	/	<=30	Pass
		Outer Full	16.81	/	/	15.13	/	/	<=30	Pass
		Inner Full	16.13	/	/	14.45	/	/	<=30	Pass
		Inner 1RB Left	17.99	/	/	16.31	/	/	<=30	Pass
		Inner 1RB Right	17.60	/	/	15.92	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3470.01	Edge 1RB Left	18.46	/	/	16.78	/	/	<=30	Pass
		Edge 1RB Right	18.16	/	/	16.48	/	/	<=30	Pass
		Outer Full	17.16	/	/	15.48	/	/	<=30	Pass
		Inner Full	16.61	/	/	14.93	/	/	<=30	Pass
		Inner 1RB Left	18.33	/	/	16.65	/	/	<=30	Pass
		Inner 1RB Right	17.97	/	/	16.29	/	/	<=30	Pass
	3500.01	Edge 1RB Left	18.62	/	/	16.94	/	/	<=30	Pass
		Edge 1RB Right	17.97	/	/	16.29	/	/	<=30	Pass
		Outer Full	17.24	/	/	15.56	/	/	<=30	Pass
		Inner Full	16.63	/	/	14.95	/	/	<=30	Pass
		Inner 1RB Left	18.49	/	/	16.81	/	/	<=30	Pass
		Inner 1RB Right	18.00	/	/	16.32	/	/	<=30	Pass

	3529.98	Edge_1RB_Left	18.13	/	/	16.45	/	/	<=30	Pass
		Edge_1RB_Right	17.50	/	/	15.82	/	/	<=30	Pass
		Outer_Full	16.70	/	/	15.02	/	/	<=30	Pass
		Inner_Full	16.10	/	/	14.42	/	/	<=30	Pass
		Inner_1RB_Left	17.99	/	/	16.31	/	/	<=30	Pass
		Inner_1RB_Right	17.61	/	/	15.93	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3470.01	Edge_1RB_Left	18.72	/	/	17.04	/	/	<=30	Pass
		Edge_1RB_Right	18.12	/	/	16.44	/	/	<=30	Pass
		Outer_Full	17.15	/	/	15.47	/	/	<=30	Pass
		Inner_Full	16.58	/	/	14.90	/	/	<=30	Pass
		Inner_1RB_Left	18.60	/	/	16.92	/	/	<=30	Pass
		Inner_1RB_Right	18.23	/	/	16.55	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.55	/	/	16.87	/	/	<=30	Pass
		Edge_1RB_Right	17.85	/	/	16.17	/	/	<=30	Pass
		Outer_Full	17.20	/	/	15.52	/	/	<=30	Pass
		Inner_Full	16.66	/	/	14.98	/	/	<=30	Pass
		Inner_1RB_Left	18.41	/	/	16.73	/	/	<=30	Pass
		Inner_1RB_Right	17.93	/	/	16.25	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	18.15	/	/	16.47	/	/	<=30	Pass
		Edge_1RB_Right	17.39	/	/	15.71	/	/	<=30	Pass
		Outer_Full	16.68	/	/	15.00	/	/	<=30	Pass
		Inner_Full	16.08	/	/	14.40	/	/	<=30	Pass
		Inner_1RB_Left	18.06	/	/	16.38	/	/	<=30	Pass
		Inner_1RB_Right	17.49	/	/	15.81	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3470.01	Edge_1RB_Left	18.29	/	/	16.61	/	/	<=30	Pass
		Edge_1RB_Right	17.61	/	/	15.93	/	/	<=30	Pass
		Outer_Full	16.57	/	/	14.89	/	/	<=30	Pass
		Inner_Full	16.50	/	/	14.82	/	/	<=30	Pass
		Inner_1RB_Left	18.19	/	/	16.51	/	/	<=30	Pass
		Inner_1RB_Right	17.73	/	/	16.05	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.96	/	/	16.28	/	/	<=30	Pass
		Edge_1RB_Right	17.20	/	/	15.52	/	/	<=30	Pass
		Outer_Full	16.11	/	/	14.43	/	/	<=30	Pass
		Inner_Full	16.00	/	/	14.32	/	/	<=30	Pass
		Inner_1RB_Left	17.78	/	/	16.10	/	/	<=30	Pass
		Inner_1RB_Right	17.36	/	/	15.68	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	17.61	/	/	15.93	/	/	<=30	Pass
		Edge_1RB_Right	17.01	/	/	15.33	/	/	<=30	Pass
		Outer_Full	15.80	/	/	14.12	/	/	<=30	Pass
		Inner_Full	15.69	/	/	14.01	/	/	<=30	Pass
		Inner_1RB_Left	17.50	/	/	15.82	/	/	<=30	Pass
		Inner_1RB_Right	17.10	/	/	15.42	/	/	<=30	Pass
CP-OFDM QPSK	3470.01	Edge_1RB_Left	18.33	/	/	16.65	/	/	<=30	Pass
		Edge_1RB_Right	17.80	/	/	16.12	/	/	<=30	Pass
		Outer_Full	17.23	/	/	15.55	/	/	<=30	Pass
		Inner_Full	16.60	/	/	14.92	/	/	<=30	Pass
		Inner_1RB_Left	18.22	/	/	16.54	/	/	<=30	Pass
		Inner_1RB_Right	17.88	/	/	16.20	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.53	/	/	16.85	/	/	<=30	Pass
		Edge_1RB_Right	17.84	/	/	16.16	/	/	<=30	Pass
		Outer_Full	17.33	/	/	15.65	/	/	<=30	Pass
		Inner_Full	16.65	/	/	14.97	/	/	<=30	Pass
		Inner_1RB_Left	18.43	/	/	16.75	/	/	<=30	Pass
		Inner_1RB_Right	17.91	/	/	16.23	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	17.99	/	/	16.31	/	/	<=30	Pass
		Edge_1RB_Right	17.42	/	/	15.74	/	/	<=30	Pass
		Outer_Full	16.79	/	/	15.11	/	/	<=30	Pass
		Inner_Full	16.08	/	/	14.40	/	/	<=30	Pass
		Inner_1RB_Left	17.87	/	/	16.19	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -1.68dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.14 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 QPSK	3475.02	Edge_1RB_Left	17.69	/	/	16.01	/	/	<=30	Pass
		Edge_1RB_Right	17.31	/	/	15.63	/	/	<=30	Pass
		Outer_Full	17.51	/	/	15.83	/	/	<=30	Pass
		Inner_Full	16.78	/	/	15.10	/	/	<=30	Pass
		Inner_1RB_Left	17.69	/	/	16.01	/	/	<=30	Pass
		Inner_1RB_Right	17.49	/	/	15.81	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.63	/	/	15.95	/	/	<=30	Pass
		Edge_1RB_Right	17.16	/	/	15.48	/	/	<=30	Pass
		Outer_Full	17.51	/	/	15.83	/	/	<=30	Pass
		Inner_Full	16.79	/	/	15.11	/	/	<=30	Pass
		Inner_1RB_Left	17.65	/	/	15.97	/	/	<=30	Pass
		Inner_1RB_Right	17.34	/	/	15.66	/	/	<=30	Pass
	3525	Edge_1RB_Left	17.36	/	/	15.68	/	/	<=30	Pass
		Edge_1RB_Right	16.90	/	/	15.22	/	/	<=30	Pass
		Outer_Full	17.10	/	/	15.42	/	/	<=30	Pass
		Inner_Full	16.40	/	/	14.72	/	/	<=30	Pass
		Inner_1RB_Left	17.38	/	/	15.70	/	/	<=30	Pass
		Inner_1RB_Right	17.11	/	/	15.43	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3475.02	Edge_1RB_Left	17.66	/	/	15.98	/	/	<=30	Pass
		Edge_1RB_Right	17.28	/	/	15.60	/	/	<=30	Pass
		Outer_Full	17.42	/	/	15.74	/	/	<=30	Pass
		Inner_Full	16.72	/	/	15.04	/	/	<=30	Pass
		Inner_1RB_Left	17.69	/	/	16.01	/	/	<=30	Pass
		Inner_1RB_Right	17.49	/	/	15.81	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.61	/	/	15.93	/	/	<=30	Pass
		Edge_1RB_Right	17.16	/	/	15.48	/	/	<=30	Pass
		Outer_Full	17.42	/	/	15.74	/	/	<=30	Pass
		Inner_Full	16.72	/	/	15.04	/	/	<=30	Pass
		Inner_1RB_Left	17.65	/	/	15.97	/	/	<=30	Pass
		Inner_1RB_Right	17.36	/	/	15.68	/	/	<=30	Pass
	3525	Edge_1RB_Left	17.39	/	/	15.71	/	/	<=30	Pass
		Edge_1RB_Right	16.90	/	/	15.22	/	/	<=30	Pass
		Outer_Full	17.03	/	/	15.35	/	/	<=30	Pass
		Inner_Full	16.32	/	/	14.64	/	/	<=30	Pass
		Inner_1RB_Left	17.43	/	/	15.75	/	/	<=30	Pass
		Inner_1RB_Right	17.09	/	/	15.41	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3475.02	Edge_1RB_Left	17.54	/	/	15.86	/	/	<=30	Pass
		Edge_1RB_Right	17.14	/	/	15.46	/	/	<=30	Pass
		Outer_Full	17.37	/	/	15.69	/	/	<=30	Pass
		Inner_Full	16.76	/	/	15.08	/	/	<=30	Pass
		Inner_1RB_Left	17.56	/	/	15.88	/	/	<=30	Pass
		Inner_1RB_Right	17.36	/	/	15.68	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.55	/	/	15.87	/	/	<=30	Pass
		Edge_1RB_Right	17.04	/	/	15.36	/	/	<=30	Pass
		Outer_Full	17.39	/	/	15.71	/	/	<=30	Pass
		Inner_Full	16.76	/	/	15.08	/	/	<=30	Pass
		Inner_1RB_Left	17.74	/	/	16.06	/	/	<=30	Pass
		Inner_1RB_Right	17.30	/	/	15.62	/	/	<=30	Pass
	3525	Edge_1RB_Left	17.40	/	/	15.72	/	/	<=30	Pass
		Edge_1RB_Right	16.95	/	/	15.27	/	/	<=30	Pass
		Outer_Full	16.99	/	/	15.31	/	/	<=30	Pass
		Inner_Full	16.35	/	/	14.67	/	/	<=30	Pass
		Inner_1RB_Left	17.45	/	/	15.77	/	/	<=30	Pass

DFT-s-OFDM 256 QAM	3475.02	Inner_1RB_Right	17.14	/	/	15.46	/	/	<=30	Pass
		Edge_1RB_Left	17.45	/	/	15.77	/	/	<=30	Pass
		Edge_1RB_Right	16.96	/	/	15.28	/	/	<=30	Pass
		Outer_Full	16.70	/	/	15.02	/	/	<=30	Pass
		Inner_Full	16.55	/	/	14.87	/	/	<=30	Pass
		Inner_1RB_Left	17.49	/	/	15.81	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	17.16	/	/	15.48	/	/	<=30	Pass
		Edge_1RB_Left	17.00	/	/	15.32	/	/	<=30	Pass
		Edge_1RB_Right	16.44	/	/	14.76	/	/	<=30	Pass
		Outer_Full	16.24	/	/	14.56	/	/	<=30	Pass
		Inner_Full	16.11	/	/	14.43	/	/	<=30	Pass
		Inner_1RB_Left	17.04	/	/	15.36	/	/	<=30	Pass
	3525	Inner_1RB_Right	16.64	/	/	14.96	/	/	<=30	Pass
		Edge_1RB_Left	16.85	/	/	15.17	/	/	<=30	Pass
		Edge_1RB_Right	16.42	/	/	14.74	/	/	<=30	Pass
		Outer_Full	16.10	/	/	14.42	/	/	<=30	Pass
		Inner_Full	3.63	/	/	1.95	/	/	<=30	Pass
		Inner_1RB_Left	16.88	/	/	15.20	/	/	<=30	Pass
CP-OFDM QPSK	3475.02	Inner_1RB_Right	6.47	/	/	4.79	/	/	<=30	Pass
		Edge_1RB_Left	17.56	/	/	15.88	/	/	<=30	Pass
		Edge_1RB_Right	17.17	/	/	15.49	/	/	<=30	Pass
		Outer_Full	17.38	/	/	15.70	/	/	<=30	Pass
		Inner_Full	16.73	/	/	15.05	/	/	<=30	Pass
		Inner_1RB_Left	17.62	/	/	15.94	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	17.43	/	/	15.75	/	/	<=30	Pass
		Edge_1RB_Left	17.57	/	/	15.89	/	/	<=30	Pass
		Edge_1RB_Right	17.07	/	/	15.39	/	/	<=30	Pass
		Outer_Full	17.38	/	/	15.70	/	/	<=30	Pass
		Inner_Full	16.72	/	/	15.04	/	/	<=30	Pass
		Inner_1RB_Left	17.62	/	/	15.94	/	/	<=30	Pass
	3525	Inner_1RB_Right	17.22	/	/	15.54	/	/	<=30	Pass
		Edge_1RB_Left	17.60	/	/	15.92	/	/	<=30	Pass
		Edge_1RB_Right	17.11	/	/	15.43	/	/	<=30	Pass
		Outer_Full	17.48	/	/	15.80	/	/	<=30	Pass
		Inner_Full	16.56	/	/	14.88	/	/	<=30	Pass
		Inner_1RB_Left	17.63	/	/	15.95	/	/	<=30	Pass
CP-OFDM 16 QAM	3475.02	Inner_1RB_Right	17.29	/	/	15.61	/	/	<=30	Pass
		Edge_1RB_Left	17.57	/	/	15.89	/	/	<=30	Pass
		Edge_1RB_Right	17.20	/	/	15.52	/	/	<=30	Pass
		Outer_Full	17.36	/	/	15.68	/	/	<=30	Pass
		Inner_Full	16.75	/	/	15.07	/	/	<=30	Pass
		Inner_1RB_Left	17.60	/	/	15.92	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	17.43	/	/	15.75	/	/	<=30	Pass
		Edge_1RB_Left	17.58	/	/	15.90	/	/	<=30	Pass
		Edge_1RB_Right	17.09	/	/	15.41	/	/	<=30	Pass
		Outer_Full	17.36	/	/	15.68	/	/	<=30	Pass
		Inner_Full	16.70	/	/	15.02	/	/	<=30	Pass
		Inner_1RB_Left	17.63	/	/	15.95	/	/	<=30	Pass
	3525	Inner_1RB_Right	17.33	/	/	15.65	/	/	<=30	Pass
		Edge_1RB_Left	17.39	/	/	15.71	/	/	<=30	Pass
		Edge_1RB_Right	17.07	/	/	15.39	/	/	<=30	Pass
		Outer_Full	17.23	/	/	15.55	/	/	<=30	Pass
		Inner_Full	16.50	/	/	14.82	/	/	<=30	Pass
		Inner_1RB_Left	17.43	/	/	15.75	/	/	<=30	Pass
CP-OFDM 64 QAM	3475.02	Inner_1RB_Right	17.24	/	/	15.56	/	/	<=30	Pass
		Edge_1RB_Left	17.55	/	/	15.87	/	/	<=30	Pass
		Edge_1RB_Right	17.14	/	/	15.46	/	/	<=30	Pass
		Outer_Full	16.90	/	/	15.22	/	/	<=30	Pass
		Inner_Full	16.75	/	/	15.07	/	/	<=30	Pass

		Inner_1RB_Left	17.60	/	/	15.92	/	/	<=30	Pass
		Inner_1RB_Right	17.38	/	/	15.70	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.75	/	/	16.07	/	/	<=30	Pass
		Edge_1RB_Right	17.24	/	/	15.56	/	/	<=30	Pass
		Outer_Full	16.84	/	/	15.16	/	/	<=30	Pass
		Inner_Full	16.71	/	/	15.03	/	/	<=30	Pass
		Inner_1RB_Left	17.77	/	/	16.09	/	/	<=30	Pass
		Inner_1RB_Right	17.44	/	/	15.76	/	/	<=30	Pass
	3525	Edge_1RB_Left	17.65	/	/	15.97	/	/	<=30	Pass
		Edge_1RB_Right	17.12	/	/	15.44	/	/	<=30	Pass
		Outer_Full	16.68	/	/	15.00	/	/	<=30	Pass
		Inner_Full	16.46	/	/	14.78	/	/	<=30	Pass
		Inner_1RB_Left	17.72	/	/	16.04	/	/	<=30	Pass
		Inner_1RB_Right	17.31	/	/	15.63	/	/	<=30	Pass
CP-OFDM 256 QAM	3475.02	Edge_1RB_Left	15.52	/	/	13.84	/	/	<=30	Pass
		Edge_1RB_Right	14.91	/	/	13.23	/	/	<=30	Pass
		Outer_Full	14.66	/	/	12.98	/	/	<=30	Pass
		Inner_Full	14.52	/	/	12.84	/	/	<=30	Pass
		Inner_1RB_Left	15.57	/	/	13.89	/	/	<=30	Pass
		Inner_1RB_Right	15.14	/	/	13.46	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	15.27	/	/	13.59	/	/	<=30	Pass
		Edge_1RB_Right	14.76	/	/	13.08	/	/	<=30	Pass
		Outer_Full	14.45	/	/	12.77	/	/	<=30	Pass
		Inner_Full	14.34	/	/	12.66	/	/	<=30	Pass
		Inner_1RB_Left	15.34	/	/	13.66	/	/	<=30	Pass
		Inner_1RB_Right	14.97	/	/	13.29	/	/	<=30	Pass
	3525	Edge_1RB_Left	15.26	/	/	13.58	/	/	<=30	Pass
		Edge_1RB_Right	14.85	/	/	13.17	/	/	<=30	Pass
		Outer_Full	14.43	/	/	12.75	/	/	<=30	Pass
		Inner_Full	14.25	/	/	12.57	/	/	<=30	Pass
		Inner_1RB_Left	15.29	/	/	13.61	/	/	<=30	Pass
			Inner_1RB_Right	15.06	/	/	13.38	/	/	<=30
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.15 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 QPSK	3480	Edge_1RB_Left	17.70	/	/	16.02	/	/	<=30	Pass
		Edge_1RB_Right	17.04	/	/	15.36	/	/	<=30	Pass
		Outer_Full	17.21	/	/	15.53	/	/	<=30	Pass
		Inner_Full	16.87	/	/	15.19	/	/	<=30	Pass
		Inner_1RB_Left	17.62	/	/	15.94	/	/	<=30	Pass
		Inner_1RB_Right	16.91	/	/	15.23	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.49	/	/	15.81	/	/	<=30	Pass
		Edge_1RB_Right	16.59	/	/	14.91	/	/	<=30	Pass
		Outer_Full	16.89	/	/	15.21	/	/	<=30	Pass
		Inner_Full	16.60	/	/	14.92	/	/	<=30	Pass
		Inner_1RB_Left	17.44	/	/	15.76	/	/	<=30	Pass
		Inner_1RB_Right	16.66	/	/	14.98	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	17.54	/	/	15.86	/	/	<=30	Pass
		Edge_1RB_Right	16.51	/	/	14.83	/	/	<=30	Pass
		Outer_Full	16.73	/	/	15.05	/	/	<=30	Pass
		Inner_Full	16.47	/	/	14.79	/	/	<=30	Pass
		Inner_1RB_Left	17.46	/	/	15.78	/	/	<=30	Pass

DFT-s-OFDM 16 QAM	3480	Inner_1RB_Right	16.59	/	/	14.91	/	/	<=30	Pass
		Edge_1RB_Left	17.68	/	/	16.00	/	/	<=30	Pass
		Edge_1RB_Right	16.88	/	/	15.20	/	/	<=30	Pass
		Outer_Full	17.11	/	/	15.43	/	/	<=30	Pass
		Inner_Full	16.85	/	/	15.17	/	/	<=30	Pass
		Inner_1RB_Left	17.59	/	/	15.91	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	16.88	/	/	15.20	/	/	<=30	Pass
		Edge_1RB_Left	17.54	/	/	15.86	/	/	<=30	Pass
		Edge_1RB_Right	16.52	/	/	14.84	/	/	<=30	Pass
		Outer_Full	16.79	/	/	15.11	/	/	<=30	Pass
		Inner_Full	16.58	/	/	14.90	/	/	<=30	Pass
		Inner_1RB_Left	17.46	/	/	15.78	/	/	<=30	Pass
	3519.99	Inner_1RB_Right	16.67	/	/	14.99	/	/	<=30	Pass
		Edge_1RB_Left	17.59	/	/	15.91	/	/	<=30	Pass
		Edge_1RB_Right	16.54	/	/	14.86	/	/	<=30	Pass
		Outer_Full	16.67	/	/	14.99	/	/	<=30	Pass
		Inner_Full	16.43	/	/	14.75	/	/	<=30	Pass
		Inner_1RB_Left	17.30	/	/	15.62	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3480	Inner_1RB_Right	16.66	/	/	14.98	/	/	<=30	Pass
		Edge_1RB_Left	17.77	/	/	16.09	/	/	<=30	Pass
		Edge_1RB_Right	16.76	/	/	15.08	/	/	<=30	Pass
		Outer_Full	17.07	/	/	15.39	/	/	<=30	Pass
		Inner_Full	16.89	/	/	15.21	/	/	<=30	Pass
		Inner_1RB_Left	17.65	/	/	15.97	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	16.77	/	/	15.09	/	/	<=30	Pass
		Edge_1RB_Left	17.64	/	/	15.96	/	/	<=30	Pass
		Edge_1RB_Right	16.72	/	/	15.04	/	/	<=30	Pass
		Outer_Full	16.75	/	/	15.07	/	/	<=30	Pass
		Inner_Full	16.60	/	/	14.92	/	/	<=30	Pass
		Inner_1RB_Left	17.52	/	/	15.84	/	/	<=30	Pass
	3519.99	Inner_1RB_Right	16.73	/	/	15.05	/	/	<=30	Pass
		Edge_1RB_Left	17.66	/	/	15.98	/	/	<=30	Pass
		Edge_1RB_Right	16.65	/	/	14.97	/	/	<=30	Pass
		Outer_Full	16.60	/	/	14.92	/	/	<=30	Pass
		Inner_Full	16.44	/	/	14.76	/	/	<=30	Pass
		Inner_1RB_Left	17.54	/	/	15.86	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3480	Inner_1RB_Right	16.68	/	/	15.00	/	/	<=30	Pass
		Edge_1RB_Left	17.50	/	/	15.82	/	/	<=30	Pass
		Edge_1RB_Right	16.64	/	/	14.96	/	/	<=30	Pass
		Outer_Full	16.24	/	/	14.56	/	/	<=30	Pass
		Inner_Full	16.56	/	/	14.88	/	/	<=30	Pass
		Inner_1RB_Left	17.39	/	/	15.71	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	16.58	/	/	14.90	/	/	<=30	Pass
		Edge_1RB_Left	16.98	/	/	15.30	/	/	<=30	Pass
		Edge_1RB_Right	15.97	/	/	14.29	/	/	<=30	Pass
		Outer_Full	15.61	/	/	13.93	/	/	<=30	Pass
		Inner_Full	15.95	/	/	14.27	/	/	<=30	Pass
		Inner_1RB_Left	16.89	/	/	15.21	/	/	<=30	Pass
	3519.99	Inner_1RB_Right	15.97	/	/	14.29	/	/	<=30	Pass
		Edge_1RB_Left	17.01	/	/	15.33	/	/	<=30	Pass
		Edge_1RB_Right	16.12	/	/	14.44	/	/	<=30	Pass
		Outer_Full	15.75	/	/	14.07	/	/	<=30	Pass
		Inner_Full	16.02	/	/	14.34	/	/	<=30	Pass
		Inner_1RB_Left	16.91	/	/	15.23	/	/	<=30	Pass
CP-OFDM QPSK	3480	Inner_1RB_Right	16.13	/	/	14.45	/	/	<=30	Pass
		Edge_1RB_Left	17.52	/	/	15.84	/	/	<=30	Pass
		Edge_1RB_Right	16.72	/	/	15.04	/	/	<=30	Pass
		Outer_Full	17.00	/	/	15.32	/	/	<=30	Pass
		Inner_Full	16.75	/	/	15.07	/	/	<=30	Pass

		Inner_1RB_Left	17.39	/	/	15.71	/	/	<=30	Pass
		Inner_1RB_Right	16.78	/	/	15.10	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.35	/	/	15.67	/	/	<=30	Pass
		Edge_1RB_Right	16.46	/	/	14.78	/	/	<=30	Pass
		Outer_Full	16.75	/	/	15.07	/	/	<=30	Pass
		Inner_Full	16.52	/	/	14.84	/	/	<=30	Pass
		Inner_1RB_Left	17.37	/	/	15.69	/	/	<=30	Pass
		Inner_1RB_Right	16.53	/	/	14.85	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	17.30	/	/	15.62	/	/	<=30	Pass
		Edge_1RB_Right	16.46	/	/	14.78	/	/	<=30	Pass
		Outer_Full	16.63	/	/	14.95	/	/	<=30	Pass
		Inner_Full	16.39	/	/	14.71	/	/	<=30	Pass
		Inner_1RB_Left	17.36	/	/	15.68	/	/	<=30	Pass
		Inner_1RB_Right	16.58	/	/	14.90	/	/	<=30	Pass
CP-OFDM 16 QAM	3480	Edge_1RB_Left	17.63	/	/	15.95	/	/	<=30	Pass
		Edge_1RB_Right	16.70	/	/	15.02	/	/	<=30	Pass
		Outer_Full	17.01	/	/	15.33	/	/	<=30	Pass
		Inner_Full	16.79	/	/	15.11	/	/	<=30	Pass
		Inner_1RB_Left	17.56	/	/	15.88	/	/	<=30	Pass
		Inner_1RB_Right	16.85	/	/	15.17	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.44	/	/	15.76	/	/	<=30	Pass
		Edge_1RB_Right	16.52	/	/	14.84	/	/	<=30	Pass
		Outer_Full	16.70	/	/	15.02	/	/	<=30	Pass
		Inner_Full	16.51	/	/	14.83	/	/	<=30	Pass
		Inner_1RB_Left	17.38	/	/	15.70	/	/	<=30	Pass
		Inner_1RB_Right	16.55	/	/	14.87	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	17.24	/	/	15.56	/	/	<=30	Pass
		Edge_1RB_Right	16.53	/	/	14.85	/	/	<=30	Pass
Outer_Full		16.61	/	/	14.93	/	/	<=30	Pass	
Inner_Full		16.38	/	/	14.70	/	/	<=30	Pass	
Inner_1RB_Left		17.18	/	/	15.50	/	/	<=30	Pass	
Inner_1RB_Right		16.65	/	/	14.97	/	/	<=30	Pass	
CP-OFDM 64 QAM	3480	Edge_1RB_Left	17.83	/	/	16.15	/	/	<=30	Pass
		Edge_1RB_Right	16.69	/	/	15.01	/	/	<=30	Pass
		Outer_Full	16.32	/	/	14.64	/	/	<=30	Pass
		Inner_Full	16.77	/	/	15.09	/	/	<=30	Pass
		Inner_1RB_Left	17.66	/	/	15.98	/	/	<=30	Pass
		Inner_1RB_Right	16.84	/	/	15.16	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.68	/	/	16.00	/	/	<=30	Pass
		Edge_1RB_Right	16.70	/	/	15.02	/	/	<=30	Pass
		Outer_Full	16.19	/	/	14.51	/	/	<=30	Pass
		Inner_Full	16.53	/	/	14.85	/	/	<=30	Pass
		Inner_1RB_Left	17.53	/	/	15.85	/	/	<=30	Pass
		Inner_1RB_Right	16.75	/	/	15.07	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	17.67	/	/	15.99	/	/	<=30	Pass
		Edge_1RB_Right	16.62	/	/	14.94	/	/	<=30	Pass
Outer_Full		16.11	/	/	14.43	/	/	<=30	Pass	
Inner_Full		16.38	/	/	14.70	/	/	<=30	Pass	
Inner_1RB_Left		17.60	/	/	15.92	/	/	<=30	Pass	
Inner_1RB_Right		16.70	/	/	15.02	/	/	<=30	Pass	
CP-OFDM 256 QAM	3480	Edge_1RB_Left	15.66	/	/	13.98	/	/	<=30	Pass
		Edge_1RB_Right	14.51	/	/	12.83	/	/	<=30	Pass
		Outer_Full	14.23	/	/	12.55	/	/	<=30	Pass
		Inner_Full	14.52	/	/	12.84	/	/	<=30	Pass
		Inner_1RB_Left	15.59	/	/	13.91	/	/	<=30	Pass
		Inner_1RB_Right	14.67	/	/	12.99	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	15.16	/	/	13.48	/	/	<=30	Pass
		Edge_1RB_Right	14.27	/	/	12.59	/	/	<=30	Pass
		Outer_Full	13.84	/	/	12.16	/	/	<=30	Pass

		Inner_Full	14.18	/	/	12.50	/	/	<=30	Pass
		Inner_1RB_Left	15.07	/	/	13.39	/	/	<=30	Pass
		Inner_1RB_Right	14.36	/	/	12.68	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	15.18	/	/	13.50	/	/	<=30	Pass
		Edge_1RB_Right	14.31	/	/	12.63	/	/	<=30	Pass
		Outer_Full	13.88	/	/	12.20	/	/	<=30	Pass
		Inner_Full	14.19	/	/	12.51	/	/	<=30	Pass
		Inner_1RB_Left	15.13	/	/	13.45	/	/	<=30	Pass
		Inner_1RB_Right	14.40	/	/	12.72	/	/	<=30	Pass
		Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain								

1.1.16 30k_SISO_70MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 70MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3485.01	Edge_1RB_Left	16.79	/	/	15.11	/	/	<=30	Pass
		Edge_1RB_Right	15.46	/	/	13.78	/	/	<=30	Pass
		Outer_Full	16.98	/	/	15.30	/	/	<=30	Pass
		Inner_Full	16.61	/	/	14.93	/	/	<=30	Pass
		Inner_1RB_Left	17.62	/	/	15.94	/	/	<=30	Pass
		Inner_1RB_Right	16.36	/	/	14.68	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.64	/	/	14.96	/	/	<=30	Pass
		Edge_1RB_Right	15.36	/	/	13.68	/	/	<=30	Pass
		Outer_Full	17.12	/	/	15.44	/	/	<=30	Pass
		Inner_Full	16.78	/	/	15.10	/	/	<=30	Pass
		Inner_1RB_Left	17.39	/	/	15.71	/	/	<=30	Pass
		Inner_1RB_Right	16.33	/	/	14.65	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	16.45	/	/	14.77	/	/	<=30	Pass
		Edge_1RB_Right	15.44	/	/	13.76	/	/	<=30	Pass
		Outer_Full	16.83	/	/	15.15	/	/	<=30	Pass
		Inner_Full	16.47	/	/	14.79	/	/	<=30	Pass
		Inner_1RB_Left	17.24	/	/	15.56	/	/	<=30	Pass
		Inner_1RB_Right	16.26	/	/	14.58	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3485.01	Edge_1RB_Left	16.96	/	/	15.28	/	/	<=30	Pass
		Edge_1RB_Right	15.52	/	/	13.84	/	/	<=30	Pass
		Outer_Full	16.96	/	/	15.28	/	/	<=30	Pass
		Inner_Full	16.62	/	/	14.94	/	/	<=30	Pass
		Inner_1RB_Left	16.65	/	/	14.97	/	/	<=30	Pass
		Inner_1RB_Right	15.51	/	/	13.83	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.67	/	/	14.99	/	/	<=30	Pass
		Edge_1RB_Right	15.44	/	/	13.76	/	/	<=30	Pass
		Outer_Full	17.04	/	/	15.36	/	/	<=30	Pass
		Inner_Full	16.77	/	/	15.09	/	/	<=30	Pass
		Inner_1RB_Left	16.45	/	/	14.77	/	/	<=30	Pass
		Inner_1RB_Right	15.29	/	/	13.61	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	16.66	/	/	14.98	/	/	<=30	Pass
		Edge_1RB_Right	15.42	/	/	13.74	/	/	<=30	Pass
		Outer_Full	16.73	/	/	15.05	/	/	<=30	Pass
		Inner_Full	16.47	/	/	14.79	/	/	<=30	Pass
		Inner_1RB_Left	16.36	/	/	14.68	/	/	<=30	Pass
		Inner_1RB_Right	15.37	/	/	13.69	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3485.01	Edge_1RB_Left	16.96	/	/	15.28	/	/	<=30	Pass
		Edge_1RB_Right	15.49	/	/	13.81	/	/	<=30	Pass
		Outer_Full	16.90	/	/	15.22	/	/	<=30	Pass
		Inner_Full	16.62	/	/	14.94	/	/	<=30	Pass

		Inner_1RB_Left	15.77	/	/	14.09	/	/	<=30	Pass
		Inner_1RB_Right	14.60	/	/	12.92	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.67	/	/	14.99	/	/	<=30	Pass
		Edge_1RB_Right	15.43	/	/	13.75	/	/	<=30	Pass
		Outer_Full	17.04	/	/	15.36	/	/	<=30	Pass
		Inner_Full	16.78	/	/	15.10	/	/	<=30	Pass
		Inner_1RB_Left	15.59	/	/	13.91	/	/	<=30	Pass
		Inner_1RB_Right	14.59	/	/	12.91	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	16.51	/	/	14.83	/	/	<=30	Pass
		Edge_1RB_Right	15.53	/	/	13.85	/	/	<=30	Pass
		Outer_Full	16.68	/	/	15.00	/	/	<=30	Pass
		Inner_Full	16.45	/	/	14.77	/	/	<=30	Pass
		Inner_1RB_Left	15.43	/	/	13.75	/	/	<=30	Pass
		Inner_1RB_Right	14.68	/	/	13.00	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3485.01	Edge_1RB_Left	15.23	/	/	13.55	/	/	<=30	Pass
		Edge_1RB_Right	13.86	/	/	12.18	/	/	<=30	Pass
		Outer_Full	16.02	/	/	14.34	/	/	<=30	Pass
		Inner_Full	16.28	/	/	14.60	/	/	<=30	Pass
		Inner_1RB_Left	13.93	/	/	12.25	/	/	<=30	Pass
		Inner_1RB_Right	12.97	/	/	11.29	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	14.95	/	/	13.27	/	/	<=30	Pass
		Edge_1RB_Right	13.71	/	/	12.03	/	/	<=30	Pass
		Outer_Full	15.88	/	/	14.20	/	/	<=30	Pass
		Inner_Full	16.12	/	/	14.44	/	/	<=30	Pass
		Inner_1RB_Left	13.86	/	/	12.18	/	/	<=30	Pass
		Inner_1RB_Right	12.74	/	/	11.06	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	14.87	/	/	13.19	/	/	<=30	Pass
		Edge_1RB_Right	13.71	/	/	12.03	/	/	<=30	Pass
		Outer_Full	15.85	/	/	14.17	/	/	<=30	Pass
		Inner_Full	16.25	/	/	14.57	/	/	<=30	Pass
		Inner_1RB_Left	13.78	/	/	12.10	/	/	<=30	Pass
		Inner_1RB_Right	12.87	/	/	11.19	/	/	<=30	Pass
CP-OFDM QPSK	3485.01	Edge_1RB_Left	16.66	/	/	14.98	/	/	<=30	Pass
		Edge_1RB_Right	15.43	/	/	13.75	/	/	<=30	Pass
		Outer_Full	16.98	/	/	15.30	/	/	<=30	Pass
		Inner_Full	16.63	/	/	14.95	/	/	<=30	Pass
		Inner_1RB_Left	16.07	/	/	14.39	/	/	<=30	Pass
		Inner_1RB_Right	15.02	/	/	13.34	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.45	/	/	14.77	/	/	<=30	Pass
		Edge_1RB_Right	15.29	/	/	13.61	/	/	<=30	Pass
		Outer_Full	17.09	/	/	15.41	/	/	<=30	Pass
		Inner_Full	16.76	/	/	15.08	/	/	<=30	Pass
		Inner_1RB_Left	15.92	/	/	14.24	/	/	<=30	Pass
		Inner_1RB_Right	14.96	/	/	13.28	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	16.53	/	/	14.85	/	/	<=30	Pass
		Edge_1RB_Right	15.46	/	/	13.78	/	/	<=30	Pass
		Outer_Full	16.82	/	/	15.14	/	/	<=30	Pass
		Inner_Full	16.48	/	/	14.80	/	/	<=30	Pass
		Inner_1RB_Left	15.88	/	/	14.20	/	/	<=30	Pass
		Inner_1RB_Right	15.07	/	/	13.39	/	/	<=30	Pass
CP-OFDM 16 QAM	3485.01	Edge_1RB_Left	16.80	/	/	15.12	/	/	<=30	Pass
		Edge_1RB_Right	15.49	/	/	13.81	/	/	<=30	Pass
		Outer_Full	16.97	/	/	15.29	/	/	<=30	Pass
		Inner_Full	16.61	/	/	14.93	/	/	<=30	Pass
		Inner_1RB_Left	15.71	/	/	14.03	/	/	<=30	Pass
		Inner_1RB_Right	14.70	/	/	13.02	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.58	/	/	14.90	/	/	<=30	Pass
		Edge_1RB_Right	15.42	/	/	13.74	/	/	<=30	Pass
		Outer_Full	17.03	/	/	15.35	/	/	<=30	Pass

		Inner_Full	16.75	/	/	15.07	/	/	<=30	Pass
		Inner_1RB_Left	15.54	/	/	13.86	/	/	<=30	Pass
		Inner_1RB_Right	14.55	/	/	12.87	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	16.61	/	/	14.93	/	/	<=30	Pass
		Edge_1RB_Right	15.48	/	/	13.80	/	/	<=30	Pass
		Outer_Full	16.78	/	/	15.10	/	/	<=30	Pass
		Inner_Full	16.43	/	/	14.75	/	/	<=30	Pass
		Inner_1RB_Left	15.57	/	/	13.89	/	/	<=30	Pass
		Inner_1RB_Right	14.65	/	/	12.97	/	/	<=30	Pass
CP-OFDM 64 QAM	3485.01	Edge_1RB_Left	16.40	/	/	14.72	/	/	<=30	Pass
		Edge_1RB_Right	15.22	/	/	13.54	/	/	<=30	Pass
		Outer_Full	16.47	/	/	14.79	/	/	<=30	Pass
		Inner_Full	16.58	/	/	14.90	/	/	<=30	Pass
		Inner_1RB_Left	15.22	/	/	13.54	/	/	<=30	Pass
		Inner_1RB_Right	14.30	/	/	12.62	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.14	/	/	14.46	/	/	<=30	Pass
		Edge_1RB_Right	14.91	/	/	13.23	/	/	<=30	Pass
		Outer_Full	16.49	/	/	14.81	/	/	<=30	Pass
		Inner_Full	16.76	/	/	15.08	/	/	<=30	Pass
		Inner_1RB_Left	15.12	/	/	13.44	/	/	<=30	Pass
		Inner_1RB_Right	14.13	/	/	12.45	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	16.24	/	/	14.56	/	/	<=30	Pass
		Edge_1RB_Right	15.14	/	/	13.46	/	/	<=30	Pass
		Outer_Full	16.24	/	/	14.56	/	/	<=30	Pass
		Inner_Full	16.45	/	/	14.77	/	/	<=30	Pass
		Inner_1RB_Left	15.19	/	/	13.51	/	/	<=30	Pass
		Inner_1RB_Right	14.13	/	/	12.45	/	/	<=30	Pass
CP-OFDM 256 QAM	3485.01	Edge_1RB_Left	12.93	/	/	11.25	/	/	<=30	Pass
		Edge_1RB_Right	11.89	/	/	10.21	/	/	<=30	Pass
		Outer_Full	14.21	/	/	12.53	/	/	<=30	Pass
		Inner_Full	14.46	/	/	12.78	/	/	<=30	Pass
		Inner_1RB_Left	11.81	/	/	10.13	/	/	<=30	Pass
		Inner_1RB_Right	10.92	/	/	9.24	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	12.96	/	/	11.28	/	/	<=30	Pass
		Edge_1RB_Right	12.07	/	/	10.39	/	/	<=30	Pass
		Outer_Full	14.16	/	/	12.48	/	/	<=30	Pass
		Inner_Full	14.39	/	/	12.71	/	/	<=30	Pass
		Inner_1RB_Left	11.90	/	/	10.22	/	/	<=30	Pass
		Inner_1RB_Right	11.06	/	/	9.38	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	12.64	/	/	10.96	/	/	<=30	Pass
		Edge_1RB_Right	11.80	/	/	10.12	/	/	<=30	Pass
		Outer_Full	14.15	/	/	12.47	/	/	<=30	Pass
		Inner_Full	14.42	/	/	12.74	/	/	<=30	Pass
		Inner_1RB_Left	11.53	/	/	9.85	/	/	<=30	Pass
		Inner_1RB_Right	10.84	/	/	9.16	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.17 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 QPSK	3490.02	Edge_1RB_Left	18.13	/	/	16.45	/	/	<=30	Pass
		Edge_1RB_Right	17.02	/	/	15.34	/	/	<=30	Pass
		Outer_Full	17.40	/	/	15.72	/	/	<=30	Pass
		Inner_Full	17.02	/	/	15.34	/	/	<=30	Pass

	3500.01	Inner_1RB_Left	18.09	/	/	16.41	/	/	<=30	Pass
		Inner_1RB_Right	17.12	/	/	15.44	/	/	<=30	Pass
		Edge_1RB_Left	17.95	/	/	16.27	/	/	<=30	Pass
		Edge_1RB_Right	16.79	/	/	15.11	/	/	<=30	Pass
		Outer_Full	17.18	/	/	15.50	/	/	<=30	Pass
		Inner_Full	16.95	/	/	15.27	/	/	<=30	Pass
	3510	Inner_1RB_Left	18.09	/	/	16.41	/	/	<=30	Pass
		Inner_1RB_Right	17.11	/	/	15.43	/	/	<=30	Pass
		Edge_1RB_Left	17.69	/	/	16.01	/	/	<=30	Pass
		Edge_1RB_Right	16.73	/	/	15.05	/	/	<=30	Pass
		Outer_Full	17.05	/	/	15.37	/	/	<=30	Pass
		Inner_Full	16.67	/	/	14.99	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3490.02	Inner_1RB_Left	17.64	/	/	15.96	/	/	<=30	Pass
		Inner_1RB_Right	16.77	/	/	15.09	/	/	<=30	Pass
		Edge_1RB_Left	17.99	/	/	16.31	/	/	<=30	Pass
		Edge_1RB_Right	16.82	/	/	15.14	/	/	<=30	Pass
		Outer_Full	17.25	/	/	15.57	/	/	<=30	Pass
		Inner_Full	16.99	/	/	15.31	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	17.85	/	/	16.17	/	/	<=30	Pass
		Inner_1RB_Right	17.06	/	/	15.38	/	/	<=30	Pass
		Edge_1RB_Left	17.96	/	/	16.28	/	/	<=30	Pass
		Edge_1RB_Right	16.95	/	/	15.27	/	/	<=30	Pass
		Outer_Full	17.23	/	/	15.55	/	/	<=30	Pass
		Inner_Full	16.87	/	/	15.19	/	/	<=30	Pass
	3510	Inner_1RB_Left	17.87	/	/	16.19	/	/	<=30	Pass
		Inner_1RB_Right	16.89	/	/	15.21	/	/	<=30	Pass
		Edge_1RB_Left	17.73	/	/	16.05	/	/	<=30	Pass
		Edge_1RB_Right	16.70	/	/	15.02	/	/	<=30	Pass
		Outer_Full	16.95	/	/	15.27	/	/	<=30	Pass
		Inner_Full	16.65	/	/	14.97	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3490.02	Inner_1RB_Left	17.98	/	/	16.30	/	/	<=30	Pass
		Inner_1RB_Right	16.83	/	/	15.15	/	/	<=30	Pass
		Edge_1RB_Left	18.30	/	/	16.62	/	/	<=30	Pass
		Edge_1RB_Right	17.12	/	/	15.44	/	/	<=30	Pass
		Outer_Full	17.24	/	/	15.56	/	/	<=30	Pass
		Inner_Full	16.98	/	/	15.30	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	18.24	/	/	16.56	/	/	<=30	Pass
		Inner_1RB_Right	17.17	/	/	15.49	/	/	<=30	Pass
		Edge_1RB_Left	18.20	/	/	16.52	/	/	<=30	Pass
		Edge_1RB_Right	17.01	/	/	15.33	/	/	<=30	Pass
		Outer_Full	17.15	/	/	15.47	/	/	<=30	Pass
		Inner_Full	16.86	/	/	15.18	/	/	<=30	Pass
	3510	Inner_1RB_Left	18.14	/	/	16.46	/	/	<=30	Pass
		Inner_1RB_Right	17.20	/	/	15.52	/	/	<=30	Pass
		Edge_1RB_Left	18.02	/	/	16.34	/	/	<=30	Pass
		Edge_1RB_Right	17.06	/	/	15.38	/	/	<=30	Pass
		Outer_Full	16.91	/	/	15.23	/	/	<=30	Pass
		Inner_Full	16.64	/	/	14.96	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3490.02	Inner_1RB_Left	17.89	/	/	16.21	/	/	<=30	Pass
		Inner_1RB_Right	17.00	/	/	15.32	/	/	<=30	Pass
		Edge_1RB_Left	17.56	/	/	15.88	/	/	<=30	Pass
		Edge_1RB_Right	16.44	/	/	14.76	/	/	<=30	Pass
		Outer_Full	16.23	/	/	14.55	/	/	<=30	Pass
		Inner_Full	16.44	/	/	14.76	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	17.59	/	/	15.91	/	/	<=30	Pass
		Inner_1RB_Right	16.54	/	/	14.86	/	/	<=30	Pass
		Edge_1RB_Left	17.37	/	/	15.69	/	/	<=30	Pass
		Edge_1RB_Right	16.31	/	/	14.63	/	/	<=30	Pass
		Outer_Full	16.02	/	/	14.34	/	/	<=30	Pass

		Inner_Full	16.21	/	/	14.53	/	/	<=30	Pass
		Inner_1RB_Left	17.29	/	/	15.61	/	/	<=30	Pass
		Inner_1RB_Right	16.33	/	/	14.65	/	/	<=30	Pass
	3510	Edge_1RB_Left	17.43	/	/	15.75	/	/	<=30	Pass
		Edge_1RB_Right	16.42	/	/	14.74	/	/	<=30	Pass
		Outer_Full	16.09	/	/	14.41	/	/	<=30	Pass
		Inner_Full	16.32	/	/	14.64	/	/	<=30	Pass
		Inner_1RB_Left	17.31	/	/	15.63	/	/	<=30	Pass
		Inner_1RB_Right	16.47	/	/	14.79	/	/	<=30	Pass
		Edge_1RB_Left	17.82	/	/	16.14	/	/	<=30	Pass
CP-OFDM QPSK	3490.02	Edge_1RB_Right	16.82	/	/	15.14	/	/	<=30	Pass
		Outer_Full	17.28	/	/	15.60	/	/	<=30	Pass
		Inner_Full	16.90	/	/	15.22	/	/	<=30	Pass
		Inner_1RB_Left	17.87	/	/	16.19	/	/	<=30	Pass
		Inner_1RB_Right	16.84	/	/	15.16	/	/	<=30	Pass
		Edge_1RB_Left	17.86	/	/	16.18	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	16.79	/	/	15.11	/	/	<=30	Pass
		Outer_Full	17.21	/	/	15.53	/	/	<=30	Pass
		Inner_Full	16.80	/	/	15.12	/	/	<=30	Pass
		Inner_1RB_Left	17.80	/	/	16.12	/	/	<=30	Pass
		Inner_1RB_Right	16.81	/	/	15.13	/	/	<=30	Pass
		Edge_1RB_Left	17.61	/	/	15.93	/	/	<=30	Pass
	3510	Edge_1RB_Right	16.63	/	/	14.95	/	/	<=30	Pass
		Outer_Full	16.95	/	/	15.27	/	/	<=30	Pass
		Inner_Full	16.61	/	/	14.93	/	/	<=30	Pass
		Inner_1RB_Left	17.50	/	/	15.82	/	/	<=30	Pass
		Inner_1RB_Right	16.62	/	/	14.94	/	/	<=30	Pass
		Edge_1RB_Left	17.90	/	/	16.22	/	/	<=30	Pass
CP-OFDM 16 QAM	3490.02	Edge_1RB_Right	16.69	/	/	15.01	/	/	<=30	Pass
		Outer_Full	17.25	/	/	15.57	/	/	<=30	Pass
		Inner_Full	16.91	/	/	15.23	/	/	<=30	Pass
		Inner_1RB_Left	17.86	/	/	16.18	/	/	<=30	Pass
		Inner_1RB_Right	16.87	/	/	15.19	/	/	<=30	Pass
		Edge_1RB_Left	17.68	/	/	16.00	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	16.59	/	/	14.91	/	/	<=30	Pass
		Outer_Full	17.14	/	/	15.46	/	/	<=30	Pass
		Inner_Full	16.79	/	/	15.11	/	/	<=30	Pass
		Inner_1RB_Left	17.69	/	/	16.01	/	/	<=30	Pass
		Inner_1RB_Right	16.84	/	/	15.16	/	/	<=30	Pass
		Edge_1RB_Left	17.57	/	/	15.89	/	/	<=30	Pass
	3510	Edge_1RB_Right	16.53	/	/	14.85	/	/	<=30	Pass
		Outer_Full	16.96	/	/	15.28	/	/	<=30	Pass
		Inner_Full	16.60	/	/	14.92	/	/	<=30	Pass
		Inner_1RB_Left	17.47	/	/	15.79	/	/	<=30	Pass
		Inner_1RB_Right	16.66	/	/	14.98	/	/	<=30	Pass
		Edge_1RB_Left	18.21	/	/	16.53	/	/	<=30	Pass
CP-OFDM 64 QAM	3490.02	Edge_1RB_Right	17.14	/	/	15.46	/	/	<=30	Pass
		Outer_Full	16.73	/	/	15.05	/	/	<=30	Pass
		Inner_Full	16.92	/	/	15.24	/	/	<=30	Pass
		Inner_1RB_Left	18.21	/	/	16.53	/	/	<=30	Pass
		Inner_1RB_Right	17.22	/	/	15.54	/	/	<=30	Pass
		Edge_1RB_Left	18.17	/	/	16.49	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	17.08	/	/	15.40	/	/	<=30	Pass
		Outer_Full	16.65	/	/	14.97	/	/	<=30	Pass
		Inner_Full	16.83	/	/	15.15	/	/	<=30	Pass
		Inner_1RB_Left	18.08	/	/	16.40	/	/	<=30	Pass
		Inner_1RB_Right	17.19	/	/	15.51	/	/	<=30	Pass
		Edge_1RB_Left	17.84	/	/	16.16	/	/	<=30	Pass
	3510	Edge_1RB_Right	16.92	/	/	15.24	/	/	<=30	Pass

		Outer_Full	16.36	/	/	14.68	/	/	<=30	Pass
		Inner_Full	16.60	/	/	14.92	/	/	<=30	Pass
		Inner_1RB_Left	17.93	/	/	16.25	/	/	<=30	Pass
		Inner_1RB_Right	17.02	/	/	15.34	/	/	<=30	Pass
CP-OFDM 256 QAM	3490.02	Edge_1RB_Left	16.01	/	/	14.33	/	/	<=30	Pass
		Edge_1RB_Right	14.69	/	/	13.01	/	/	<=30	Pass
		Outer_Full	14.46	/	/	12.78	/	/	<=30	Pass
		Inner_Full	14.61	/	/	12.93	/	/	<=30	Pass
		Inner_1RB_Left	15.81	/	/	14.13	/	/	<=30	Pass
		Inner_1RB_Right	14.80	/	/	13.12	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	15.72	/	/	14.04	/	/	<=30	Pass
		Edge_1RB_Right	14.56	/	/	12.88	/	/	<=30	Pass
		Outer_Full	14.31	/	/	12.63	/	/	<=30	Pass
		Inner_Full	14.47	/	/	12.79	/	/	<=30	Pass
		Inner_1RB_Left	15.67	/	/	13.99	/	/	<=30	Pass
		Inner_1RB_Right	14.73	/	/	13.05	/	/	<=30	Pass
	3510	Edge_1RB_Left	15.75	/	/	14.07	/	/	<=30	Pass
		Edge_1RB_Right	14.78	/	/	13.10	/	/	<=30	Pass
		Outer_Full	14.36	/	/	12.68	/	/	<=30	Pass
		Inner_Full	14.57	/	/	12.89	/	/	<=30	Pass
Inner_1RB_Left		15.65	/	/	13.97	/	/	<=30	Pass	
Inner_1RB_Right		14.89	/	/	13.21	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.18 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 QPSK	3495	Edge_1RB_Left	17.35	/	/	15.67	/	/	<=30	Pass
		Edge_1RB_Right	16.49	/	/	14.81	/	/	<=30	Pass
		Outer_Full	17.14	/	/	15.46	/	/	<=30	Pass
		Inner_Full	16.64	/	/	14.96	/	/	<=30	Pass
		Inner_1RB_Left	17.34	/	/	15.66	/	/	<=30	Pass
		Inner_1RB_Right	16.60	/	/	14.92	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.59	/	/	15.91	/	/	<=30	Pass
		Edge_1RB_Right	16.61	/	/	14.93	/	/	<=30	Pass
		Outer_Full	17.30	/	/	15.62	/	/	<=30	Pass
		Inner_Full	16.86	/	/	15.18	/	/	<=30	Pass
		Inner_1RB_Left	17.38	/	/	15.70	/	/	<=30	Pass
		Inner_1RB_Right	16.68	/	/	15.00	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	17.45	/	/	15.77	/	/	<=30	Pass
		Edge_1RB_Right	16.30	/	/	14.62	/	/	<=30	Pass
		Outer_Full	17.04	/	/	15.36	/	/	<=30	Pass
		Inner_Full	16.66	/	/	14.98	/	/	<=30	Pass
		Inner_1RB_Left	17.40	/	/	15.72	/	/	<=30	Pass
		Inner_1RB_Right	16.51	/	/	14.83	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3495	Edge_1RB_Left	17.27	/	/	15.59	/	/	<=30	Pass
		Edge_1RB_Right	16.53	/	/	14.85	/	/	<=30	Pass
		Outer_Full	16.93	/	/	15.25	/	/	<=30	Pass
		Inner_Full	16.60	/	/	14.92	/	/	<=30	Pass
		Inner_1RB_Left	17.22	/	/	15.54	/	/	<=30	Pass
		Inner_1RB_Right	16.65	/	/	14.97	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.50	/	/	15.82	/	/	<=30	Pass
		Edge_1RB_Right	16.53	/	/	14.85	/	/	<=30	Pass
		Outer_Full	17.17	/	/	15.49	/	/	<=30	Pass

		Inner_Full	16.85	/	/	15.17	/	/	<=30	Pass
		Inner_1RB_Left	17.34	/	/	15.66	/	/	<=30	Pass
		Inner_1RB_Right	16.61	/	/	14.93	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	17.61	/	/	15.93	/	/	<=30	Pass
		Edge_1RB_Right	16.22	/	/	14.54	/	/	<=30	Pass
		Outer_Full	16.92	/	/	15.24	/	/	<=30	Pass
		Inner_Full	16.66	/	/	14.98	/	/	<=30	Pass
		Inner_1RB_Left	17.30	/	/	15.62	/	/	<=30	Pass
		Inner_1RB_Right	16.33	/	/	14.65	/	/	<=30	Pass
		Edge_1RB_Left	17.60	/	/	15.92	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3495	Edge_1RB_Right	16.58	/	/	14.90	/	/	<=30	Pass
		Outer_Full	16.92	/	/	15.24	/	/	<=30	Pass
		Inner_Full	16.56	/	/	14.88	/	/	<=30	Pass
		Inner_1RB_Left	17.45	/	/	15.77	/	/	<=30	Pass
		Inner_1RB_Right	16.79	/	/	15.11	/	/	<=30	Pass
		Edge_1RB_Left	17.65	/	/	15.97	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	16.80	/	/	15.12	/	/	<=30	Pass
		Outer_Full	17.18	/	/	15.50	/	/	<=30	Pass
		Inner_Full	16.80	/	/	15.12	/	/	<=30	Pass
		Inner_1RB_Left	17.75	/	/	16.07	/	/	<=30	Pass
		Inner_1RB_Right	16.94	/	/	15.26	/	/	<=30	Pass
		Edge_1RB_Left	17.55	/	/	15.87	/	/	<=30	Pass
	3504.99	Edge_1RB_Right	16.52	/	/	14.84	/	/	<=30	Pass
		Outer_Full	16.98	/	/	15.30	/	/	<=30	Pass
		Inner_Full	16.61	/	/	14.93	/	/	<=30	Pass
		Inner_1RB_Left	17.58	/	/	15.90	/	/	<=30	Pass
		Inner_1RB_Right	16.67	/	/	14.99	/	/	<=30	Pass
		Edge_1RB_Left	17.19	/	/	15.51	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3495	Edge_1RB_Right	16.11	/	/	14.43	/	/	<=30	Pass
		Outer_Full	16.03	/	/	14.35	/	/	<=30	Pass
		Inner_Full	16.20	/	/	14.52	/	/	<=30	Pass
		Inner_1RB_Left	17.10	/	/	15.42	/	/	<=30	Pass
		Inner_1RB_Right	16.09	/	/	14.41	/	/	<=30	Pass
		Edge_1RB_Left	16.98	/	/	15.30	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	15.92	/	/	14.24	/	/	<=30	Pass
		Outer_Full	16.02	/	/	14.34	/	/	<=30	Pass
		Inner_Full	16.19	/	/	14.51	/	/	<=30	Pass
		Inner_1RB_Left	16.89	/	/	15.21	/	/	<=30	Pass
		Inner_1RB_Right	16.00	/	/	14.32	/	/	<=30	Pass
		Edge_1RB_Left	16.88	/	/	15.20	/	/	<=30	Pass
	3504.99	Edge_1RB_Right	15.71	/	/	14.03	/	/	<=30	Pass
		Outer_Full	15.85	/	/	14.17	/	/	<=30	Pass
		Inner_Full	16.02	/	/	14.34	/	/	<=30	Pass
		Inner_1RB_Left	16.78	/	/	15.10	/	/	<=30	Pass
		Inner_1RB_Right	15.81	/	/	14.13	/	/	<=30	Pass
		Edge_1RB_Left	17.25	/	/	15.57	/	/	<=30	Pass
CP-OFDM QPSK	3495	Edge_1RB_Right	16.23	/	/	14.55	/	/	<=30	Pass
		Outer_Full	16.94	/	/	15.26	/	/	<=30	Pass
		Inner_Full	16.51	/	/	14.83	/	/	<=30	Pass
		Inner_1RB_Left	17.14	/	/	15.46	/	/	<=30	Pass
		Inner_1RB_Right	16.34	/	/	14.66	/	/	<=30	Pass
		Edge_1RB_Left	17.34	/	/	15.66	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	16.45	/	/	14.77	/	/	<=30	Pass
		Outer_Full	17.13	/	/	15.45	/	/	<=30	Pass
		Inner_Full	16.74	/	/	15.06	/	/	<=30	Pass
		Inner_1RB_Left	17.32	/	/	15.64	/	/	<=30	Pass
		Inner_1RB_Right	16.42	/	/	14.74	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	17.41	/	/	15.73	/	/	<=30	Pass
		Edge_1RB_Right	16.19	/	/	14.51	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -1.68dBi:

Note2: EIRP=Conducted Power+Antenna Gain

1.1.19 30k_SISO_100MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 100MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3500.01	Edge_1RB_Left	16.95	/	/	15.27	/	/	<=30	Pass
		Edge_1RB_Right	15.81	/	/	14.13	/	/	<=30	Pass
		Outer_Full	17.32	/	/	15.64	/	/	<=30	Pass
		Inner_Full	16.91	/	/	15.23	/	/	<=30	Pass
		Inner_1RB_Left	16.89	/	/	15.21	/	/	<=30	Pass
		Inner_1RB_Right	15.85	/	/	14.17	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3500.01	Edge_1RB_Left	16.60	/	/	14.92	/	/	<=30	Pass
		Edge_1RB_Right	15.63	/	/	13.95	/	/	<=30	Pass
		Outer_Full	17.19	/	/	15.51	/	/	<=30	Pass
		Inner_Full	16.89	/	/	15.21	/	/	<=30	Pass
		Inner_1RB_Left	16.73	/	/	15.05	/	/	<=30	Pass
		Inner_1RB_Right	15.85	/	/	14.17	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3500.01	Edge_1RB_Left	17.28	/	/	15.60	/	/	<=30	Pass
		Edge_1RB_Right	15.95	/	/	14.27	/	/	<=30	Pass
		Outer_Full	17.14	/	/	15.46	/	/	<=30	Pass
		Inner_Full	16.87	/	/	15.19	/	/	<=30	Pass
		Inner_1RB_Left	17.16	/	/	15.48	/	/	<=30	Pass
		Inner_1RB_Right	16.22	/	/	14.54	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3500.01	Edge_1RB_Left	16.29	/	/	14.61	/	/	<=30	Pass
		Edge_1RB_Right	15.17	/	/	13.49	/	/	<=30	Pass
		Outer_Full	16.01	/	/	14.33	/	/	<=30	Pass
		Inner_Full	16.25	/	/	14.57	/	/	<=30	Pass
		Inner_1RB_Left	16.41	/	/	14.73	/	/	<=30	Pass
		Inner_1RB_Right	15.31	/	/	13.63	/	/	<=30	Pass
CP-OFDM QPSK	3500.01	Edge_1RB_Left	16.82	/	/	15.14	/	/	<=30	Pass
		Edge_1RB_Right	15.69	/	/	14.01	/	/	<=30	Pass
		Outer_Full	17.14	/	/	15.46	/	/	<=30	Pass
		Inner_Full	16.82	/	/	15.14	/	/	<=30	Pass
		Inner_1RB_Left	16.71	/	/	15.03	/	/	<=30	Pass
		Inner_1RB_Right	15.93	/	/	14.25	/	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Edge_1RB_Left	16.52	/	/	14.84	/	/	<=30	Pass
		Edge_1RB_Right	15.59	/	/	13.91	/	/	<=30	Pass
		Outer_Full	17.10	/	/	15.42	/	/	<=30	Pass
		Inner_Full	16.80	/	/	15.12	/	/	<=30	Pass
		Inner_1RB_Left	16.64	/	/	14.96	/	/	<=30	Pass
		Inner_1RB_Right	15.78	/	/	14.10	/	/	<=30	Pass
CP-OFDM 64 QAM	3500.01	Edge_1RB_Left	17.04	/	/	15.36	/	/	<=30	Pass
		Edge_1RB_Right	15.91	/	/	14.23	/	/	<=30	Pass
		Outer_Full	16.57	/	/	14.89	/	/	<=30	Pass
		Inner_Full	16.81	/	/	15.13	/	/	<=30	Pass
		Inner_1RB_Left	17.00	/	/	15.32	/	/	<=30	Pass
		Inner_1RB_Right	16.20	/	/	14.52	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Edge_1RB_Left	14.49	/	/	12.81	/	/	<=30	Pass
		Edge_1RB_Right	13.42	/	/	11.74	/	/	<=30	Pass
		Outer_Full	14.21	/	/	12.53	/	/	<=30	Pass
		Inner_Full	14.44	/	/	12.76	/	/	<=30	Pass
		Inner_1RB_Left	14.61	/	/	12.93	/	/	<=30	Pass
		Inner_1RB_Right	13.74	/	/	12.06	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -1.68dBi;

Note2: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_10MHz

5G NR n77d SCS=15kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3499.995	Outer_Full	20	LV	-3.60	-0.0010	>=-2.5 & <=2.5	Pass
				HV	4.90	0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	8.40	0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	8.60	0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	6.80	0.0019	>=-2.5 & <=2.5	Pass
			0	NV	9.40	0.0027	>=-2.5 & <=2.5	Pass
			10	NV	6.30	0.0018	>=-2.5 & <=2.5	Pass
			20	NV	7.60	0.0022	>=-2.5 & <=2.5	Pass
			30	NV	8.30	0.0024	>=-2.5 & <=2.5	Pass
			40	NV	8.90	0.0025	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3499.995	Outer_Full	20	LV	9.30	0.0027	>=-2.5 & <=2.5	Pass
				HV	7.60	0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	9.60	0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	4.40	0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	5.50	0.0016	>=-2.5 & <=2.5	Pass
			0	NV	5.30	0.0015	>=-2.5 & <=2.5	Pass
			10	NV	2.30	0.0007	>=-2.5 & <=2.5	Pass
			20	NV	6.80	0.0019	>=-2.5 & <=2.5	Pass
			30	NV	2.70	0.0008	>=-2.5 & <=2.5	Pass
			40	NV	9.70	0.0028	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3499.995	Outer_Full	20	LV	8.30	0.0024	>=-2.5 & <=2.5	Pass
				HV	7.70	0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	6.20	0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	10.30	0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	3.80	0.0011	>=-2.5 & <=2.5	Pass
			0	NV	6.80	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	6.50	0.0019	>=-2.5 & <=2.5	Pass
			20	NV	5.90	0.0017	>=-2.5 & <=2.5	Pass
			30	NV	8.50	0.0024	>=-2.5 & <=2.5	Pass
			40	NV	3.90	0.0011	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3499.995	Outer_Full	20	LV	4.30	0.0012	>=-2.5 & <=2.5	Pass
				HV	10.70	0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	9.00	0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	/	0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	-7.40	0.0028	>=-2.5 & <=2.5	Pass
			0	NV	/	0.0003	>=-2.5 & <=2.5	Pass
			10	NV	-12.10	-0.0035	>=-2.5 & <=2.5	Pass
			20	NV	/	0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-8.00	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	-5.30	-0.0015	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3499.995	Outer_Full	20	LV	7.40	0.0021	>=-2.5 & <=2.5	Pass
				HV	7.40	0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	7.40	0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	7.40	0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	7.40	0.0021	>=-2.5 & <=2.5	Pass
			0	NV	7.40	0.0021	>=-2.5 & <=2.5	Pass
			10	NV	7.40	0.0021	>=-2.5 & <=2.5	Pass
			20	NV	7.40	0.0021	>=-2.5 & <=2.5	Pass
			30	NV	7.40	0.0021	>=-2.5 & <=2.5	Pass
			40	NV	7.40	0.0021	>=-2.5 & <=2.5	Pass

CP-OFDM QPSK	3499.995	Outer_Full	20	LV	2.90	0.0008	>=-2.5 & <=2.5	Pass
				HV	6.30	0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	5.10	0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	7.70	0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	4.80	0.0014	>=-2.5 & <=2.5	Pass
			0	NV	8.70	0.0025	>=-2.5 & <=2.5	Pass
			10	NV	3.30	0.0009	>=-2.5 & <=2.5	Pass
			20	NV	2.60	0.0007	>=-2.5 & <=2.5	Pass
			30	NV	4.40	0.0013	>=-2.5 & <=2.5	Pass
			40	NV	8.20	0.0023	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3499.995	Outer_Full	20	LV	6.20	0.0018	>=-2.5 & <=2.5	Pass
				HV	3.20	0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	3.50	0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	4.80	0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	5.20	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	5.90	0.0017	>=-2.5 & <=2.5	Pass
			10	NV	6.20	0.0018	>=-2.5 & <=2.5	Pass
			20	NV	5.00	0.0014	>=-2.5 & <=2.5	Pass
			30	NV	3.50	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	1.90	0.0005	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3499.995	Outer_Full	20	LV	3.90	0.0011	>=-2.5 & <=2.5	Pass
				HV	2.20	0.0006	>=-2.5 & <=2.5	Pass
			-30	NV	2.60	0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	6.10	0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	5.20	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	6.20	0.0018	>=-2.5 & <=2.5	Pass
			10	NV	4.00	0.0011	>=-2.5 & <=2.5	Pass
			20	NV	5.10	0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-1.10	-0.0003	>=-2.5 & <=2.5	Pass
			40	NV	1.60	0.0005	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3499.995	Outer_Full	20	LV	5.10	0.0015	>=-2.5 & <=2.5	Pass
				HV	5.10	0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	2.00	0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	4.10	0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	1.30	0.0004	>=-2.5 & <=2.5	Pass
			0	NV	2.20	0.0006	>=-2.5 & <=2.5	Pass
			10	NV	3.70	0.0011	>=-2.5 & <=2.5	Pass
			20	NV	2.70	0.0008	>=-2.5 & <=2.5	Pass
			30	NV	6.40	0.0018	>=-2.5 & <=2.5	Pass
			40	NV	6.10	0.0017	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3499.995	Outer_Full	50	NV	5.50	0.0016	>=-2.5 & <=2.5	Pass
				NV	5.50	0.0016	>=-2.5 & <=2.5	Pass

2.1.2 15k_SISO_15MHz

5G NR n77d SCS=15kHz SISO 15MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3499.995	Outer_Full	20	LV	7.10	0.0020	>=-2.5 & <=2.5	Pass
				HV	9.00	0.0026	>=-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	7.10	0.0020	>=-2.5 & <=2.5	Pass
			0	NV	10.00	0.0029	>=-2.5 & <=2.5	Pass
			10	NV	6.30	0.0018	>=-2.5 & <=2.5	Pass

			20	NV	5.90	0.0017	≥ -2.5 & ≤ 2.5	Pass
			30	NV	5.00	0.0014	≥ -2.5 & ≤ 2.5	Pass
			40	NV	7.20	0.0021	≥ -2.5 & ≤ 2.5	Pass
			50	NV	6.20	0.0018	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3499.995	Outer_Full	20	LV	4.80	0.0014	≥ -2.5 & ≤ 2.5	Pass
				HV	5.50	0.0016	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	4.50	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	1.50	0.0004	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	2.20	0.0006	≥ -2.5 & ≤ 2.5	Pass
			0	NV	3.30	0.0009	≥ -2.5 & ≤ 2.5	Pass
			10	NV	3.10	0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.90	0.0008	≥ -2.5 & ≤ 2.5	Pass
			30	NV	3.90	0.0011	≥ -2.5 & ≤ 2.5	Pass
			40	NV	3.60	0.0010	≥ -2.5 & ≤ 2.5	Pass
			50	NV	4.40	0.0013	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3499.995	Outer_Full	20	LV	4.00	0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	2.10	0.0006	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	4.90	0.0014	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.40	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.70	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			0	NV	0.90	0.0003	≥ -2.5 & ≤ 2.5	Pass
			10	NV	1.00	0.0003	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.20	0.0006	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-1.40	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-1.50	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-1.30	-0.0004	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3499.995	Outer_Full	20	LV	-2.00	-0.0006	≥ -2.5 & ≤ 2.5	Pass
				HV	2.90	0.0008	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	1.60	0.0005	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	/	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-16.10	-0.0046	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-13.50	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			10	NV	/	0.0008	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-9.60	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			30	NV	6.10	0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	6.80	0.0019	≥ -2.5 & ≤ 2.5	Pass
			50	NV	5.40	0.0015	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3499.995	Outer_Full	20	LV	-2.60	-0.0007	≥ -2.5 & ≤ 2.5	Pass
				HV	1.50	0.0004	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	5.60	0.0016	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.00	0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	4.10	0.0012	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.80	0.0008	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.80	0.0008	≥ -2.5 & ≤ 2.5	Pass
			30	NV	2.50	0.0007	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-1.30	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			50	NV	1.80	0.0005	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3499.995	Outer_Full	20	LV	5.30	0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	2.40	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.60	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	3.90	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	1.70	0.0005	≥ -2.5 & ≤ 2.5	Pass
			0	NV	1.20	0.0003	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.90	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.00	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.00	-0.0009	≥ -2.5 & ≤ 2.5	Pass

CP-OFDM 64 QAM	3499.995	Outer_Full	20	LV	-2.10	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-4.50	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-3.90	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.70	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-7.00	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-3.20	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-4.60	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-5.20	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-5.50	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-3.90	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	3499.995	Outer_Full	20	LV	-1.90	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	1.40	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-4.30	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.80	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-1.90	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-3.00	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-4.70	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-3.50	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-1.50	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	1.90	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-2.00	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass

2.1.3 15k_SISO_20MHz

5G NR n77d SCS=15kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3499.995	Outer_Full	20	LV	3.30	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	6.10	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	8.60	0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	9.80	0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	7.00	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	8.40	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	8.60	0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	11.20	0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	5.40	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	10.90	0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 16 QAM	3499.995	Outer_Full	20	LV	4.30	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	10.10	0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.90	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	6.00	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	8.10	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	3.20	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	7.30	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	4.50	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	5.50	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	5.70	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	3499.995	Outer_Full	20	LV	5.60	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	5.30	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	4.20	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	6.70	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	6.10	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	4.20	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	9.40	0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			20	NV	6.60	0.0019	≥ -2.5 & ≤ 2.5	Pass
			30	NV	5.00	0.0014	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.10	0.0015	≥ -2.5 & ≤ 2.5	Pass
			50	NV	4.40	0.0013	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3499.995	Outer_Full	20	LV	4.80	0.0014	≥ -2.5 & ≤ 2.5	Pass
				HV	4.70	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	9.00	0.0026	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	/	0.0014	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-16.60	-0.0047	≥ -2.5 & ≤ 2.5	Pass
			0	NV	/	0.0012	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.10	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.60	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			30	NV	6.90	0.0020	≥ -2.5 & ≤ 2.5	Pass
			40	NV	6.70	0.0019	≥ -2.5 & ≤ 2.5	Pass
			50	NV	6.20	0.0018	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3499.995	Outer_Full	20	LV	-6.00	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	3.20	0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.50	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	2.10	0.0006	≥ -2.5 & ≤ 2.5	Pass
			0	NV	5.10	0.0015	≥ -2.5 & ≤ 2.5	Pass
			10	NV	1.10	0.0003	≥ -2.5 & ≤ 2.5	Pass
			20	NV	5.80	0.0017	≥ -2.5 & ≤ 2.5	Pass
			30	NV	4.10	0.0012	≥ -2.5 & ≤ 2.5	Pass
			40	NV	3.60	0.0010	≥ -2.5 & ≤ 2.5	Pass
			50	NV	6.40	0.0018	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3499.995	Outer_Full	20	LV	2.00	0.0006	≥ -2.5 & ≤ 2.5	Pass
				HV	2.10	0.0006	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	3.20	0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	1.80	0.0005	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	3.80	0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	4.10	0.0012	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.70	0.0008	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-0.90	-0.0003	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			40	NV	3.80	0.0011	≥ -2.5 & ≤ 2.5	Pass
			50	NV	2.90	0.0008	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3499.995	Outer_Full	20	LV	2.60	0.0007	≥ -2.5 & ≤ 2.5	Pass
				HV	1.90	0.0005	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	2.00	0.0006	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	0.10	0.0000	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	2.40	0.0007	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-1.60	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			10	NV	0.40	0.0001	≥ -2.5 & ≤ 2.5	Pass
			20	NV	3.20	0.0009	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.10	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-1.30	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			50	NV	1.00	0.0003	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3499.995	Outer_Full	20	LV	3.10	0.0009	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	1.60	0.0005	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.50	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.10	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			0	NV	0.70	0.0002	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.40	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	NV	1.10	0.0003	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.60	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			40	NV	2.70	0.0008	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-1.80	-0.0005	≥ -2.5 & ≤ 2.5	Pass

2.1.4 15k_SISO_25MHz

5G NR n77d SCS=15kHz SISO 25MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3499.995	Outer_Full	20	LV	6.30	0.0018	>=-2.5 & <=2.5	Pass
				HV	9.60	0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	11.60	0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	6.70	0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	8.60	0.0025	>=-2.5 & <=2.5	Pass
			0	NV	8.30	0.0024	>=-2.5 & <=2.5	Pass
			10	NV	8.00	0.0023	>=-2.5 & <=2.5	Pass
			20	NV	10.40	0.0030	>=-2.5 & <=2.5	Pass
			30	NV	10.40	0.0030	>=-2.5 & <=2.5	Pass
			40	NV	10.00	0.0029	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3499.995	Outer_Full	20	LV	11.00	0.0031	>=-2.5 & <=2.5	Pass
				HV	7.40	0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	12.70	0.0036	>=-2.5 & <=2.5	Pass
			-20	NV	9.10	0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	13.30	0.0038	>=-2.5 & <=2.5	Pass
			0	NV	9.40	0.0027	>=-2.5 & <=2.5	Pass
			10	NV	8.70	0.0025	>=-2.5 & <=2.5	Pass
			20	NV	5.50	0.0016	>=-2.5 & <=2.5	Pass
			30	NV	9.00	0.0026	>=-2.5 & <=2.5	Pass
			40	NV	9.60	0.0027	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3499.995	Outer_Full	20	LV	6.60	0.0019	>=-2.5 & <=2.5	Pass
				HV	9.90	0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	11.30	0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	6.00	0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	5.00	0.0014	>=-2.5 & <=2.5	Pass
			0	NV	8.80	0.0025	>=-2.5 & <=2.5	Pass
			10	NV	4.10	0.0012	>=-2.5 & <=2.5	Pass
			20	NV	5.80	0.0017	>=-2.5 & <=2.5	Pass
			30	NV	9.80	0.0028	>=-2.5 & <=2.5	Pass
			40	NV	8.30	0.0024	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3499.995	Outer_Full	20	LV	8.30	0.0024	>=-2.5 & <=2.5	Pass
				HV	3.10	0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	7.60	0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	/	0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	/	0.0014	>=-2.5 & <=2.5	Pass
			0	NV	2.90	0.0008	>=-2.5 & <=2.5	Pass
			10	NV	/	0.0017	>=-2.5 & <=2.5	Pass
			20	NV	8.60	0.0025	>=-2.5 & <=2.5	Pass
			30	NV	7.10	0.0020	>=-2.5 & <=2.5	Pass
			40	NV	8.20	0.0023	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3499.995	Outer_Full	20	LV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
				HV	6.30	0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	6.50	0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	4.70	0.0013	>=-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	5.70	0.0016	>=-2.5 & <=2.5	Pass

			20	NV	5.80	0.0017	≥ -2.5 & ≤ 2.5	Pass
			30	NV	6.80	0.0019	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.40	0.0015	≥ -2.5 & ≤ 2.5	Pass
			50	NV	3.00	0.0009	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3499.995	Outer_Full	20	LV	4.60	0.0013	≥ -2.5 & ≤ 2.5	Pass
				HV	5.30	0.0015	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	4.00	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	5.20	0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.60	0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	6.70	0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	3.70	0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	NV	8.00	0.0023	≥ -2.5 & ≤ 2.5	Pass
			30	NV	9.50	0.0027	≥ -2.5 & ≤ 2.5	Pass
			40	NV	6.00	0.0017	≥ -2.5 & ≤ 2.5	Pass
			50	NV	7.40	0.0021	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3499.995	Outer_Full	20	LV	8.30	0.0024	≥ -2.5 & ≤ 2.5	Pass
				HV	7.30	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	3.10	0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	5.10	0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	5.20	0.0015	≥ -2.5 & ≤ 2.5	Pass
			0	NV	7.00	0.0020	≥ -2.5 & ≤ 2.5	Pass
			10	NV	5.20	0.0015	≥ -2.5 & ≤ 2.5	Pass
			20	NV	1.70	0.0005	≥ -2.5 & ≤ 2.5	Pass
			30	NV	5.60	0.0016	≥ -2.5 & ≤ 2.5	Pass
			40	NV	1.60	0.0005	≥ -2.5 & ≤ 2.5	Pass
			50	NV	3.20	0.0009	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3499.995	Outer_Full	20	LV	5.40	0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	5.30	0.0015	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	3.30	0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	3.00	0.0009	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.10	0.0012	≥ -2.5 & ≤ 2.5	Pass
			0	NV	2.70	0.0008	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.10	0.0006	≥ -2.5 & ≤ 2.5	Pass
			20	NV	6.00	0.0017	≥ -2.5 & ≤ 2.5	Pass
			30	NV	5.30	0.0015	≥ -2.5 & ≤ 2.5	Pass
			40	NV	1.40	0.0004	≥ -2.5 & ≤ 2.5	Pass
			50	NV	0.90	0.0003	≥ -2.5 & ≤ 2.5	Pass

2.1.5 15k_SISO_30MHz

5G NR n77d SCS=15kHz SISO 30MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3499.995	Outer_Full	20	LV	5.00	0.0014	≥ -2.5 & ≤ 2.5	Pass
				HV	10.20	0.0029	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	10.20	0.0029	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	6.10	0.0017	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	6.70	0.0019	≥ -2.5 & ≤ 2.5	Pass
			0	NV	8.80	0.0025	≥ -2.5 & ≤ 2.5	Pass
			10	NV	9.60	0.0027	≥ -2.5 & ≤ 2.5	Pass
			20	NV	8.30	0.0024	≥ -2.5 & ≤ 2.5	Pass
			30	NV	8.20	0.0023	≥ -2.5 & ≤ 2.5	Pass
			40	NV	7.30	0.0021	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3499.995	Outer_Full	20	LV	7.90	0.0023	≥ -2.5 & ≤ 2.5	Pass
				HV	11.90	0.0034	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	8.60	0.0025	≥ -2.5 & ≤ 2.5	Pass

			-20	NV	8.40	0.0024	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	7.90	0.0023	≥ -2.5 & ≤ 2.5	Pass
			0	NV	8.70	0.0025	≥ -2.5 & ≤ 2.5	Pass
			10	NV	8.70	0.0025	≥ -2.5 & ≤ 2.5	Pass
			20	NV	9.10	0.0026	≥ -2.5 & ≤ 2.5	Pass
			30	NV	6.30	0.0018	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.20	0.0015	≥ -2.5 & ≤ 2.5	Pass
			50	NV	13.20	0.0038	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3499.995	Outer_Full	20	LV	10.70	0.0031	≥ -2.5 & ≤ 2.5	Pass
				HV	9.70	0.0028	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	8.60	0.0025	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	5.40	0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.90	0.0014	≥ -2.5 & ≤ 2.5	Pass
			0	NV	3.60	0.0010	≥ -2.5 & ≤ 2.5	Pass
			10	NV	3.90	0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	NV	10.00	0.0029	≥ -2.5 & ≤ 2.5	Pass
			30	NV	10.80	0.0031	≥ -2.5 & ≤ 2.5	Pass
			40	NV	6.10	0.0017	≥ -2.5 & ≤ 2.5	Pass
			50	NV	5.50	0.0016	≥ -2.5 & ≤ 2.5	Pass
			20	LV	8.80	0.0025	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3499.995	Outer_Full		HV	5.70	0.0016	≥ -2.5 & ≤ 2.5	Pass
		-30	NV	14.80	0.0042	≥ -2.5 & ≤ 2.5	Pass	
		-20	NV	/	0.0025	≥ -2.5 & ≤ 2.5	Pass	
		-10	NV	-3.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass	
		0	NV	-3.50	-0.0010	≥ -2.5 & ≤ 2.5	Pass	
		10	NV	6.70	0.0019	≥ -2.5 & ≤ 2.5	Pass	
		20	NV	14.50	0.0041	≥ -2.5 & ≤ 2.5	Pass	
		30	NV	14.80	0.0042	≥ -2.5 & ≤ 2.5	Pass	
		40	NV	9.00	0.0026	≥ -2.5 & ≤ 2.5	Pass	
		50	NV	8.00	0.0023	≥ -2.5 & ≤ 2.5	Pass	
		20	LV	4.70	0.0013	≥ -2.5 & ≤ 2.5	Pass	
CP-OFDM QPSK	3499.995		Outer_Full		HV	2.40	0.0007	≥ -2.5 & ≤ 2.5
		-30	NV	9.20	0.0026	≥ -2.5 & ≤ 2.5	Pass	
		-20	NV	9.50	0.0027	≥ -2.5 & ≤ 2.5	Pass	
		-10	NV	6.70	0.0019	≥ -2.5 & ≤ 2.5	Pass	
		0	NV	5.50	0.0016	≥ -2.5 & ≤ 2.5	Pass	
		10	NV	8.10	0.0023	≥ -2.5 & ≤ 2.5	Pass	
		20	NV	5.00	0.0014	≥ -2.5 & ≤ 2.5	Pass	
		30	NV	9.80	0.0028	≥ -2.5 & ≤ 2.5	Pass	
		40	NV	7.10	0.0020	≥ -2.5 & ≤ 2.5	Pass	
		50	NV	7.50	0.0021	≥ -2.5 & ≤ 2.5	Pass	
		20	LV	3.20	0.0009	≥ -2.5 & ≤ 2.5	Pass	
CP-OFDM 16 QAM	3499.995		Outer_Full		HV	6.80	0.0019	≥ -2.5 & ≤ 2.5
		-30	NV	5.90	0.0017	≥ -2.5 & ≤ 2.5	Pass	
		-20	NV	4.40	0.0013	≥ -2.5 & ≤ 2.5	Pass	
		-10	NV	2.70	0.0008	≥ -2.5 & ≤ 2.5	Pass	
		0	NV	2.90	0.0008	≥ -2.5 & ≤ 2.5	Pass	
		10	NV	6.00	0.0017	≥ -2.5 & ≤ 2.5	Pass	
		20	NV	2.60	0.0007	≥ -2.5 & ≤ 2.5	Pass	
		30	NV	3.90	0.0011	≥ -2.5 & ≤ 2.5	Pass	
		40	NV	4.00	0.0011	≥ -2.5 & ≤ 2.5	Pass	
		50	NV	6.10	0.0017	≥ -2.5 & ≤ 2.5	Pass	
		20	LV	5.60	0.0016	≥ -2.5 & ≤ 2.5	Pass	
CP-OFDM 64 QAM	3499.995		Outer_Full		HV	3.50	0.0010	≥ -2.5 & ≤ 2.5
		-30	NV	2.70	0.0008	≥ -2.5 & ≤ 2.5	Pass	
		-20	NV	6.40	0.0018	≥ -2.5 & ≤ 2.5	Pass	
		-10	NV	4.00	0.0011	≥ -2.5 & ≤ 2.5	Pass	
		0	NV	5.20	0.0015	≥ -2.5 & ≤ 2.5	Pass	
		10	NV	5.90	0.0017	≥ -2.5 & ≤ 2.5	Pass	

CP-OFDM 256 QAM	3499.995	Outer_Full	20	NV	0.60	0.0002	≥ -2.5 & ≤ 2.5	Pass
			30	NV	6.90	0.0020	≥ -2.5 & ≤ 2.5	Pass
			40	NV	2.10	0.0006	≥ -2.5 & ≤ 2.5	Pass
			50	NV	3.60	0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	LV	6.20	0.0018	≥ -2.5 & ≤ 2.5	Pass
				HV	2.50	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	3.20	0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	6.20	0.0018	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	5.40	0.0015	≥ -2.5 & ≤ 2.5	Pass
			0	NV	3.70	0.0011	≥ -2.5 & ≤ 2.5	Pass
			10	NV	8.50	0.0024	≥ -2.5 & ≤ 2.5	Pass
			20	NV	10.00	0.0029	≥ -2.5 & ≤ 2.5	Pass
			30	NV	10.90	0.0031	≥ -2.5 & ≤ 2.5	Pass
			40	NV	6.50	0.0019	≥ -2.5 & ≤ 2.5	Pass
			50	NV	8.90	0.0025	≥ -2.5 & ≤ 2.5	Pass

2.1.6 15k_SISO_40MHz

5G NR n77d SCS=15kHz SISO 40MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3499.995	Outer_Full	20	LV	-2.80	-0.0008	≥ -2.5 & ≤ 2.5	Pass
				HV	7.90	0.0023	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	10.10	0.0029	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	8.40	0.0024	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	9.20	0.0026	≥ -2.5 & ≤ 2.5	Pass
			0	NV	4.80	0.0014	≥ -2.5 & ≤ 2.5	Pass
			10	NV	8.40	0.0024	≥ -2.5 & ≤ 2.5	Pass
			20	NV	4.40	0.0013	≥ -2.5 & ≤ 2.5	Pass
			30	NV	8.20	0.0023	≥ -2.5 & ≤ 2.5	Pass
			40	NV	7.80	0.0022	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3499.995	Outer_Full	20	LV	6.30	0.0018	≥ -2.5 & ≤ 2.5	Pass
				HV	7.80	0.0022	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	7.60	0.0022	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	7.70	0.0022	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	7.60	0.0022	≥ -2.5 & ≤ 2.5	Pass
			0	NV	7.70	0.0022	≥ -2.5 & ≤ 2.5	Pass
			10	NV	7.70	0.0022	≥ -2.5 & ≤ 2.5	Pass
			20	NV	6.60	0.0019	≥ -2.5 & ≤ 2.5	Pass
			30	NV	7.50	0.0021	≥ -2.5 & ≤ 2.5	Pass
			40	NV	7.50	0.0021	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3499.995	Outer_Full	20	LV	7.50	0.0021	≥ -2.5 & ≤ 2.5	Pass
				HV	7.80	0.0022	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	8.00	0.0023	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	6.90	0.0020	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	5.30	0.0015	≥ -2.5 & ≤ 2.5	Pass
			0	NV	9.20	0.0026	≥ -2.5 & ≤ 2.5	Pass
			10	NV	5.50	0.0016	≥ -2.5 & ≤ 2.5	Pass
			20	NV	8.60	0.0025	≥ -2.5 & ≤ 2.5	Pass
			30	NV	7.80	0.0022	≥ -2.5 & ≤ 2.5	Pass
			40	NV	8.50	0.0024	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3499.995	Outer_Full	50	NV	6.30	0.0018	≥ -2.5 & ≤ 2.5	Pass
			20	LV	5.10	0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	6.40	0.0018	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.20	-0.0018	≥ -2.5 & ≤ 2.5	Pass

			-20	NV	/	0.0023	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.60	0.0020	≥ -2.5 & ≤ 2.5	Pass
			0	NV	/	0.0015	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.60	0.0007	≥ -2.5 & ≤ 2.5	Pass
			20	NV	12.20	0.0035	≥ -2.5 & ≤ 2.5	Pass
			30	NV	8.00	0.0023	≥ -2.5 & ≤ 2.5	Pass
			40	NV	11.30	0.0032	≥ -2.5 & ≤ 2.5	Pass
			50	NV	8.20	0.0023	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3499.995	Outer_Full	20	LV	5.10	0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	5.60	0.0016	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	4.60	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	4.60	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	9.10	0.0026	≥ -2.5 & ≤ 2.5	Pass
			0	NV	6.50	0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	7.40	0.0021	≥ -2.5 & ≤ 2.5	Pass
			20	NV	6.90	0.0020	≥ -2.5 & ≤ 2.5	Pass
			30	NV	5.80	0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	6.40	0.0018	≥ -2.5 & ≤ 2.5	Pass
			50	NV	5.50	0.0016	≥ -2.5 & ≤ 2.5	Pass
			20	LV	4.80	0.0014	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3499.995	Outer_Full		HV	6.30	0.0018	≥ -2.5 & ≤ 2.5	Pass
		-30	NV	4.50	0.0013	≥ -2.5 & ≤ 2.5	Pass	
		-20	NV	4.00	0.0011	≥ -2.5 & ≤ 2.5	Pass	
		-10	NV	3.20	0.0009	≥ -2.5 & ≤ 2.5	Pass	
		0	NV	4.20	0.0012	≥ -2.5 & ≤ 2.5	Pass	
		10	NV	7.00	0.0020	≥ -2.5 & ≤ 2.5	Pass	
		20	NV	5.80	0.0017	≥ -2.5 & ≤ 2.5	Pass	
		30	NV	2.90	0.0008	≥ -2.5 & ≤ 2.5	Pass	
		40	NV	8.40	0.0024	≥ -2.5 & ≤ 2.5	Pass	
		50	NV	7.20	0.0021	≥ -2.5 & ≤ 2.5	Pass	
		20	LV	7.10	0.0020	≥ -2.5 & ≤ 2.5	Pass	
CP-OFDM 64 QAM	3499.995		Outer_Full		HV	1.30	0.0004	≥ -2.5 & ≤ 2.5
		-30	NV	2.70	0.0008	≥ -2.5 & ≤ 2.5	Pass	
		-20	NV	7.80	0.0022	≥ -2.5 & ≤ 2.5	Pass	
		-10	NV	8.30	0.0024	≥ -2.5 & ≤ 2.5	Pass	
		0	NV	6.80	0.0019	≥ -2.5 & ≤ 2.5	Pass	
		10	NV	7.60	0.0022	≥ -2.5 & ≤ 2.5	Pass	
		20	NV	5.40	0.0015	≥ -2.5 & ≤ 2.5	Pass	
		30	NV	5.80	0.0017	≥ -2.5 & ≤ 2.5	Pass	
		40	NV	5.90	0.0017	≥ -2.5 & ≤ 2.5	Pass	
		50	NV	8.40	0.0024	≥ -2.5 & ≤ 2.5	Pass	
		20	LV	6.70	0.0019	≥ -2.5 & ≤ 2.5	Pass	
CP-OFDM 256 QAM	3499.995		Outer_Full		HV	3.80	0.0011	≥ -2.5 & ≤ 2.5
		-30	NV	0.90	0.0003	≥ -2.5 & ≤ 2.5	Pass	
		-20	NV	4.00	0.0011	≥ -2.5 & ≤ 2.5	Pass	
		-10	NV	5.40	0.0015	≥ -2.5 & ≤ 2.5	Pass	
		0	NV	4.50	0.0013	≥ -2.5 & ≤ 2.5	Pass	
		10	NV	2.80	0.0008	≥ -2.5 & ≤ 2.5	Pass	
		20	NV	2.00	0.0006	≥ -2.5 & ≤ 2.5	Pass	
		30	NV	7.30	0.0021	≥ -2.5 & ≤ 2.5	Pass	
		40	NV	6.70	0.0019	≥ -2.5 & ≤ 2.5	Pass	
		50	NV	3.80	0.0011	≥ -2.5 & ≤ 2.5	Pass	

2.1.7 15k_SISO_50MHz

5G NR n77d SCS=15kHz SISO 50MHz							
Modulation	Frequency	RB	Temp.	Volt.	Freq. Error	Freq. vs. rated (ppm)	Verdict

	(MHz)	Allocation	(°C)		(Hz)	Result	Limit	
DFT-s-OFDM QPSK	3499.995	Outer_Full	20	LV	5.20	0.0015	>=-2.5 & <=2.5	Pass
				HV	9.60	0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	5.20	0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	11.30	0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	8.40	0.0024	>=-2.5 & <=2.5	Pass
			0	NV	12.00	0.0034	>=-2.5 & <=2.5	Pass
			10	NV	8.20	0.0023	>=-2.5 & <=2.5	Pass
			20	NV	9.70	0.0028	>=-2.5 & <=2.5	Pass
			30	NV	12.30	0.0035	>=-2.5 & <=2.5	Pass
			40	NV	8.90	0.0025	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3499.995	Outer_Full	20	LV	6.60	0.0019	>=-2.5 & <=2.5	Pass
				HV	8.60	0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	8.20	0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	11.10	0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	5.80	0.0017	>=-2.5 & <=2.5	Pass
			0	NV	8.90	0.0025	>=-2.5 & <=2.5	Pass
			10	NV	10.20	0.0029	>=-2.5 & <=2.5	Pass
			20	NV	13.90	0.0040	>=-2.5 & <=2.5	Pass
			30	NV	8.80	0.0025	>=-2.5 & <=2.5	Pass
			40	NV	8.80	0.0025	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3499.995	Outer_Full	20	LV	8.30	0.0024	>=-2.5 & <=2.5	Pass
				HV	9.60	0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	9.60	0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	13.50	0.0039	>=-2.5 & <=2.5	Pass
			-10	NV	6.00	0.0017	>=-2.5 & <=2.5	Pass
			0	NV	11.10	0.0032	>=-2.5 & <=2.5	Pass
			10	NV	12.30	0.0035	>=-2.5 & <=2.5	Pass
			20	NV	10.70	0.0031	>=-2.5 & <=2.5	Pass
			30	NV	9.00	0.0026	>=-2.5 & <=2.5	Pass
			40	NV	7.10	0.0020	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3499.995	Outer_Full	20	LV	10.70	0.0031	>=-2.5 & <=2.5	Pass
				HV	9.50	0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	7.20	0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-2.10	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	8.90	0.0025	>=-2.5 & <=2.5	Pass
			10	NV	11.70	0.0033	>=-2.5 & <=2.5	Pass
			20	NV	/	0.0031	>=-2.5 & <=2.5	Pass
			30	NV	4.20	0.0012	>=-2.5 & <=2.5	Pass
			40	NV	/	0.0031	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3499.995	Outer_Full	20	LV	7.50	0.0021	>=-2.5 & <=2.5	Pass
				HV	5.40	0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	10.90	0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	8.90	0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	5.50	0.0016	>=-2.5 & <=2.5	Pass
			0	NV	7.90	0.0023	>=-2.5 & <=2.5	Pass
			10	NV	8.40	0.0024	>=-2.5 & <=2.5	Pass
			20	NV	4.80	0.0014	>=-2.5 & <=2.5	Pass
			30	NV	8.20	0.0023	>=-2.5 & <=2.5	Pass
			40	NV	6.10	0.0017	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3499.995	Outer_Full	20	LV	7.20	0.0021	>=-2.5 & <=2.5	Pass
				HV	3.40	0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	7.30	0.0021	>=-2.5 & <=2.5	Pass

			-20	NV	7.80	0.0022	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	6.10	0.0017	≥ -2.5 & ≤ 2.5	Pass
			0	NV	5.10	0.0015	≥ -2.5 & ≤ 2.5	Pass
			10	NV	7.50	0.0021	≥ -2.5 & ≤ 2.5	Pass
			20	NV	4.60	0.0013	≥ -2.5 & ≤ 2.5	Pass
			30	NV	5.40	0.0015	≥ -2.5 & ≤ 2.5	Pass
			40	NV	6.20	0.0018	≥ -2.5 & ≤ 2.5	Pass
			50	NV	6.60	0.0019	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3499.995	Outer_Full	20	LV	7.90	0.0023	≥ -2.5 & ≤ 2.5	Pass
				HV	6.00	0.0017	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	7.50	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	4.20	0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	5.70	0.0016	≥ -2.5 & ≤ 2.5	Pass
			0	NV	4.90	0.0014	≥ -2.5 & ≤ 2.5	Pass
			10	NV	3.70	0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.90	0.0008	≥ -2.5 & ≤ 2.5	Pass
			30	NV	5.00	0.0014	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-0.30	-0.0001	≥ -2.5 & ≤ 2.5	Pass
			50	NV	3.70	0.0011	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3499.995	Outer_Full	20	LV	3.00	0.0009	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.10	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	3.50	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	3.80	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	3.50	0.0010	≥ -2.5 & ≤ 2.5	Pass
			0	NV	2.90	0.0008	≥ -2.5 & ≤ 2.5	Pass
			10	NV	5.80	0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	NV	6.40	0.0018	≥ -2.5 & ≤ 2.5	Pass
			30	NV	6.70	0.0019	≥ -2.5 & ≤ 2.5	Pass
			40	NV	1.80	0.0005	≥ -2.5 & ≤ 2.5	Pass
			50	NV	3.60	0.0010	≥ -2.5 & ≤ 2.5	Pass

2.1.8 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 QPSK	3500.01	Outer_Full	20	LV	-6.90	-0.0020	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.20	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-8.00	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.30	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.50	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-8.20	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.50	0.0007	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-12.80	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.10	-0.0009	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-6.30	-0.0018	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.20	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.60	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-11.00	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			0	NV	3.20	0.0009	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.80	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-12.20	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.20	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.40	-0.0015	≥ -2.5 & ≤ 2.5	Pass

			50	NV	-3.50	-0.0010	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-12.80	-0.0037	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-1.70	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.20	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-9.60	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.40	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-9.60	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.10	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.40	-0.0018	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	NV	-5.30	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				LV	-2.80	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			20	HV	-4.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
				NV	-5.70	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-10.40	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.20	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.40	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.70	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.20	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.90	-0.0008	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	NV	-10.30	-0.0029	≥ -2.5 & ≤ 2.5	Pass
				NV	3.80	0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.80	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.90	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.80	-0.0014	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	NV	-4.30	-0.0012	≥ -2.5 & ≤ 2.5	Pass
				NV	-5.70	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.70	-0.0016	≥ -2.5 & ≤ 2.5	Pass
				NV	-3.80	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.80	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-2.70	-0.0008	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.30	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-1.20	-0.0003	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-1.70	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-7.90	-0.0023	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	NV	-5.10	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				NV	-4.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.70	-0.0008	≥ -2.5 & ≤ 2.5	Pass
				NV	-5.00	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.00	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-3.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.40	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	2.10	0.0006	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	NV	-3.00	-0.0009	≥ -2.5 & ≤ 2.5	Pass
				NV	-4.30	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.90	-0.0014	≥ -2.5 & ≤ 2.5	Pass
				NV	-5.40	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.40	0.0007	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.40	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.40	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.70	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-2.70	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-4.90	-0.0014	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	-30	NV	2.50	0.0007	≥ -2.5 & ≤ 2.5	Pass

			-20	NV	-7.70	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	3.20	0.0009	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			10	NV	4.60	0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.80	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			40	NV	1.80	0.0005	≥ -2.5 & ≤ 2.5	Pass
			50	NV	2.80	0.0008	≥ -2.5 & ≤ 2.5	Pass

2.1.9 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 QPSK	3500.01	Outer_Full	20	LV	-2.80	-0.0008	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	4.60	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.70	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-1.90	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-1.90	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.00	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.80	-0.0019	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-7.60	-0.0022	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.80	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.90	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.10	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.70	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.80	-0.0019	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-7.10	-0.0020	≥ -2.5 & ≤ 2.5	Pass
				HV	5.90	0.0017	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.80	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.50	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.50	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.50	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.00	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-10.60	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-9.10	-0.0026	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-2.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.20	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.40	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-8.20	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-7.50	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			10	NV	7.30	0.0021	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass

CP-OFDM QPSK	3500.01	Outer_Full	50	NV	-10.00	-0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-3.40	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-7.10	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-7.50	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	5.40	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-1.80	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-6.10	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-2.80	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-2.00	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-5.50	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	40	NV	-2.10	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-4.80	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-7.20	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-5.50	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	5.60	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-5.10	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-6.80	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-5.90	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-5.10	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-5.90	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	30	NV	-4.90	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-5.00	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-5.80	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-5.40	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-5.60	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-4.00	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-9.00	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-7.50	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-6.40	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-3.40	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	NV	-4.50	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-6.00	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-4.00	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-4.30	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-2.90	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-4.20	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-5.40	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-3.80	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-2.40	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-6.70	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
		Outer_Full	10	NV	3.80	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-4.70	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-7.70	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-5.60	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-3.20	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass

2.1.10 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 QPSK	3500.01	Outer_Full	20	LV	-6.80	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	1.80	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-5.00	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-7.60	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-4.20	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-5.60	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			10	NV	-5.00	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.40	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-9.50	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-10.60	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.00	-0.0017	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-5.50	-0.0016	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	6.40	0.0018	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-13.70	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.20	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.60	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.90	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-10.00	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			30	NV	6.70	0.0019	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.70	-0.0008	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	50	NV	-8.00	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-10.70	-0.0031	≥ -2.5 & ≤ 2.5	Pass
				HV	-9.20	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.10	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-17.10	-0.0049	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-10.10	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.90	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.40	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.50	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-9.50	-0.0027	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	40	NV	3.20	0.0009	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.60	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-5.20	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.60	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	2.00	0.0006	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.80	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	/	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.80	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-10.70	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			20	NV	/	-0.0003	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	30	NV	/	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-12.90	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			50	NV	8.30	0.0024	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-4.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.70	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.00	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.20	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.80	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	NV	-1.20	-0.0003	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.80	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-8.30	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-10.60	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-6.40	-0.0018	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.10	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.90	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.70	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.30	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.70	-0.0011	≥ -2.5 & ≤ 2.5	Pass

CP-OFDM 64 QAM	3500.01	Outer_Full	50	NV	-3.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-5.50	-0.0016	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.00	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-10.90	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.30	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.00	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-8.20	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.40	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.10	-0.0009	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	40	NV	-6.00	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.80	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-3.70	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.10	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.00	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.30	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.00	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.70	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.90	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass

2.1.11 30k_SISO_25MHz

5G NR n77d SCS=30kHz SISO 25MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-3.10	-0.0009	≥ -2.5 & ≤ 2.5	Pass
				HV	3.40	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.10	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-10.30	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	1.90	0.0005	≥ -2.5 & ≤ 2.5	Pass
			0	NV	4.20	0.0012	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-1.30	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-1.60	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			30	NV	2.70	0.0008	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.20	-0.0009	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	50	NV	-9.50	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-11.80	-0.0034	≥ -2.5 & ≤ 2.5	Pass
				HV	1.90	0.0005	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	7.50	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.10	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-9.50	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			0	NV	3.80	0.0011	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.00	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	40	NV	-3.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.20	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-3.20	-0.0009	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.30	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-1.70	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.20	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-10.50	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			0	NV	5.80	0.0017	≥ -2.5 & ≤ 2.5	Pass

			10	NV	-9.10	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.90	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			30	NV	10.30	0.0029	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-8.00	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.40	-0.0018	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-3.70	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.50	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.00	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.10	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.90	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.70	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.30	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.80	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.30	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.20	-0.0012	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	50	NV	-4.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-4.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.80	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.90	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.40	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.20	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-10.60	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.50	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.60	-0.0016	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	40	NV	-2.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.70	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-10.20	-0.0029	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.10	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.40	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.10	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.20	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.40	-0.0010	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	30	NV	-6.50	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-7.10	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-5.20	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	3.10	0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.50	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.80	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.40	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.90	-0.0023	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	NV	-7.90	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.40	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.50	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-5.70	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-7.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.50	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.80	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.10	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-7.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.20	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.80	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.90	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			30	NV	/	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.20	-0.0012	≥ -2.5 & ≤ 2.5	Pass

			50	NV	-6.00	-0.0017	>=-2.5 & <=2.5	Pass
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2.1.12 30k_SISO_30MHz

5G NR n77d SCS=30kHz SISO 30MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	4.80	0.0014	>=-2.5 & <=2.5	Pass
				HV	-12.10	-0.0035	>=-2.5 & <=2.5	Pass
			-30	NV	2.10	0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	-1.80	-0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	4.20	0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-7.50	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	3.80	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-3.90	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-1.00	-0.0003	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-6.60	-0.0019	>=-2.5 & <=2.5	Pass
				HV	15.50	0.0044	>=-2.5 & <=2.5	Pass
			-30	NV	-6.60	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-6.70	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-5.40	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-2.40	-0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-4.60	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-4.10	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-6.20	-0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-3.40	-0.0010	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-5.10	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-5.10	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-2.00	-0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	7.60	0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-13.00	-0.0037	>=-2.5 & <=2.5	Pass
			10	NV	5.90	0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-8.40	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-6.20	-0.0018	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-3.50	-0.0010	>=-2.5 & <=2.5	Pass
				HV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-6.60	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-2.50	-0.0007	>=-2.5 & <=2.5	Pass
			0	NV	-7.30	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-10.30	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-8.40	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-7.20	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-7.50	-0.0021	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-6.00	-0.0017	>=-2.5 & <=2.5	Pass
				HV	-4.40	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-5.20	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-3.30	-0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	5.60	0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-11.80	-0.0034	>=-2.5 & <=2.5	Pass

			10	NV	2.70	0.0008	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.90	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.00	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.20	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-7.90	-0.0023	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-6.60	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.80	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.30	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-1.80	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.30	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.80	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.10	-0.0017	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	50	NV	-2.40	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-1.30	-0.0004	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.90	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.10	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.00	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.30	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-9.70	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.50	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.20	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	40	NV	-5.50	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-2.00	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-9.60	-0.0027	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.40	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.90	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.10	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.60	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.20	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.20	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.30	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.30	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-5.00	-0.0014	≥ -2.5 & ≤ 2.5	Pass

2.1.13 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 QPSK	3500.01	Outer_Full	20	LV	1.90	0.0005	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.80	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	6.90	0.0020	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.90	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.70	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.90	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-8.20	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.30	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			40	NV	9.80	0.0028	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	50	NV	-7.00	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-8.40	-0.0024	≥ -2.5 & ≤ 2.5	Pass
				HV	-8.80	-0.0025	≥ -2.5 & ≤ 2.5	Pass

			-30	NV	4.00	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.10	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.50	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.00	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-10.10	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.40	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			50	NV	4.90	0.0014	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-3.70	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	-8.10	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	2.50	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.80	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.90	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.00	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.20	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.60	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.80	-0.0014	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-5.20	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	-8.20	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-1.80	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-8.20	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.70	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-10.00	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-8.40	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			30	NV	3.20	0.0009	≥ -2.5 & ≤ 2.5	Pass
			40	NV	2.90	0.0008	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-9.60	-0.0027	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.00	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	3.50	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.30	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.30	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			10	NV	9.80	0.0028	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.30	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.40	-0.0010	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-6.10	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	3.30	0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.50	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.30	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.10	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.20	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	NV	1.50	0.0004	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.60	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.00	-0.0009	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-6.50	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				HV	-13.00	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.90	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.00	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.50	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-10.20	-0.0029	≥ -2.5 & ≤ 2.5	Pass

			10	NV	-3.20	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.00	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.40	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-8.40	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-6.70	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.60	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.20	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	3.90	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.70	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.10	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.70	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			30	NV	3.10	0.0009	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.20	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-9.80	-0.0028	≥ -2.5 & ≤ 2.5	Pass

2.1.14 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 QPSK	3500.01	Outer_Full	20	LV	-6.60	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-12.80	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.30	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.40	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.70	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.90	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.50	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-7.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.20	-0.0018	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-2.80	-0.0008	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.20	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.00	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-7.10	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			0	NV	6.60	0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-10.30	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.20	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.70	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.80	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-5.30	-0.0015	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-4.20	-0.0012	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.00	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-11.70	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-8.90	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.30	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.60	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.20	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.80	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-2.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-9.70	-0.0028	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.30	-0.0018	≥ -2.5 & ≤ 2.5	Pass

			-30	NV	-9.10	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-8.20	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-3.20	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-7.20	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-8.30	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-5.20	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-7.40	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-5.40	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-6.20	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-6.50	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-7.10	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-5.30	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-4.40	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-6.50	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-6.20	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-8.10	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-5.30	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-6.30	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-4.20	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-5.60	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-8.80	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-3.10	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-5.10	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-7.30	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-8.30	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-4.20	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-5.80	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-1.90	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-5.30	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-7.60	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-2.20	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-4.60	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-4.10	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-4.50	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-6.80	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-2.50	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-8.50	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-2.70	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-3.70	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-2.90	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-5.60	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-3.50	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-6.20	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-9.70	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-5.10	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-7.80	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-3.20	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-3.40	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-6.30	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-6.80	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass

2.1.15 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 QPSK	3500.01	Outer_Full	20	LV	-17.70	-0.0051	>=-2.5 & <=2.5	Pass
				HV	-4.90	-0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass
			-20	NV	4.10	0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-4.20	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-4.90	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-6.30	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-3.60	-0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-2.00	-0.0006	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	6.10	0.0017	>=-2.5 & <=2.5	Pass
				HV	-8.40	-0.0024	>=-2.5 & <=2.5	Pass
			-30	NV	-4.90	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-7.60	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-3.70	-0.0011	>=-2.5 & <=2.5	Pass
			0	NV	-5.80	-0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-7.70	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-4.60	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-1.90	-0.0005	>=-2.5 & <=2.5	Pass
			40	NV	-7.40	-0.0021	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-3.80	-0.0011	>=-2.5 & <=2.5	Pass
				HV	2.70	0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-3.80	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-5.40	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	11.50	0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-9.40	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-2.50	-0.0007	>=-2.5 & <=2.5	Pass
			20	NV	0.80	0.0002	>=-2.5 & <=2.5	Pass
			30	NV	-4.20	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-6.10	-0.0017	>=-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	-14.80	-0.0042	>=-2.5 & <=2.5	Pass
			-30	NV	3.50	0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-4.50	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-9.80	-0.0028	>=-2.5 & <=2.5	Pass
			20	NV	2.80	0.0008	>=-2.5 & <=2.5	Pass
			30	NV	-7.50	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-4.10	-0.0012	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-4.20	-0.0012	>=-2.5 & <=2.5	Pass
				HV	-4.30	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-4.90	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-10.30	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-3.10	-0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-6.50	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-4.50	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass
			40	NV	-4.20	-0.0012	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-6.90	-0.0020	>=-2.5 & <=2.5	Pass
				HV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass

			-30	NV	-5.20	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-6.50	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-5.10	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-9.50	-0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-8.20	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-3.50	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-8.10	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-8.00	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-11.40	-0.0033	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-4.50	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-7.70	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-5.10	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-6.10	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-7.90	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-6.60	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-2.10	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-8.50	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-6.50	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	3.10	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	50	NV	-6.20	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-7.30	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-4.40	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-3.30	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-3.60	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-7.10	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-6.00	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-4.00	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-7.20	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-6.50	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-6.30	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-3.20	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass

2.1.16 30k_SISO_70MHz

5G NR n77d SCS=30kHz SISO 70MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-5.40	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-9.30	-0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-4.60	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-5.10	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-2.90	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-5.10	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-5.60	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-6.60	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-4.50	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-4.50	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	50	NV	-3.20	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-9.30	-0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-4.10	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	3.00	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-9.60	-0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-3.30	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	8.10	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-7.60	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-2.00	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-4.00	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			40	NV	6.40	0.0018	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-2.70	-0.0008	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.70	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.90	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.30	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.40	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.70	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.20	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.40	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.90	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-7.60	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	4.70	0.0013	≥ -2.5 & ≤ 2.5	Pass
				HV	3.00	0.0009	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-8.40	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-9.10	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			0	NV	3.90	0.0011	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.40	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.50	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-2.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.20	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.10	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.30	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.40	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-9.90	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-5.60	-0.0016	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-9.70	-0.0028	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.70	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.90	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	3.20	0.0009	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-10.60	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			10	NV	1.70	0.0005	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.90	0.0008	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.20	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-7.10	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-5.30	-0.0015	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-6.50	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.60	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.80	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	4.40	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.40	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.20	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.80	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.60	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-9.10	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.10	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-6.20	-0.0018	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.60	-0.0022	≥ -2.5 & ≤ 2.5	Pass

			-30	NV	-1.80	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.20	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.90	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			0	NV	4.40	0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.70	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.10	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.70	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			50	NV	4.50	0.0013	≥ -2.5 & ≤ 2.5	Pass

2.1.17 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 QPSK	3500.01	Outer_Full	20	LV	-12.10	-0.0035	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.70	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.30	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.70	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-7.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.80	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.00	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.10	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	4.70	0.0013	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-11.80	-0.0034	≥ -2.5 & ≤ 2.5	Pass
				HV	-15.00	-0.0043	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-10.40	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-11.70	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.30	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.50	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-9.40	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-10.80	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.30	-0.0015	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-4.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.70	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.60	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.80	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.50	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.30	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-10.90	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.40	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.90	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-7.10	-0.0020	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 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	-5.50	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.40	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			0	NV	6.90	0.0020	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-9.70	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.50	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass

			40	NV	-3.80	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-7.30	-0.0021	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-8.20	-0.0023	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.80	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-8.90	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.80	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.20	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-8.50	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.80	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.90	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-12.50	-0.0036	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-8.80	-0.0025	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.10	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.50	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.00	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-8.00	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.70	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.50	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-7.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-11.20	-0.0032	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-9.00	-0.0026	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.70	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.20	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.20	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.40	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.10	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.30	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-1.80	-0.0005	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.00	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.20	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.00	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.90	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.80	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.10	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.40	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			40	NV	2.40	0.0007	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass

2.1.18 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 QPSK	3500.01	Outer_Full	20	LV	3.70	0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.90	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.40	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-8.10	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	3.40	0.0010	≥ -2.5 & ≤ 2.5	Pass

			0	NV	-3.70	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.80	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	NV	3.80	0.0011	≥ -2.5 & ≤ 2.5	Pass
			30	NV	4.60	0.0013	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.30	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-3.20	-0.0009	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.80	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.60	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.00	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-15.60	-0.0045	≥ -2.5 & ≤ 2.5	Pass
			0	NV	1.10	0.0003	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.30	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.80	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			40	NV	1.80	0.0005	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	50	NV	-14.10	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-9.50	-0.0027	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.00	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-8.10	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.40	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			0	NV	0.60	0.0002	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-9.80	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-8.10	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-12.40	-0.0035	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	40	NV	-6.40	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-8.50	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-9.40	-0.0027	≥ -2.5 & ≤ 2.5	Pass
				HV	-12.10	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-11.30	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.70	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.00	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.90	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	30	NV	-4.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.50	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-5.60	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-3.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.30	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.40	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.20	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-9.20	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-8.90	-0.0025	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	NV	-3.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.70	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-6.20	-0.0018	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.30	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.10	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	3.50	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.10	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.70	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-9.60	-0.0027	≥ -2.5 & ≤ 2.5	Pass

CP-OFDM 64 QAM	3500.01	Outer_Full	40	NV	4.10	0.0012	>=-2.5 & <=2.5	Pass
			50	NV	-4.80	-0.0014	>=-2.5 & <=2.5	Pass
			20	LV	-2.00	-0.0006	>=-2.5 & <=2.5	Pass
				HV	-5.60	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-6.10	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	3.10	0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	-6.20	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-4.80	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	-4.30	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	2.10	0.0006	>=-2.5 & <=2.5	Pass
			30	NV	5.50	0.0016	>=-2.5 & <=2.5	Pass
			40	NV	-4.60	-0.0013	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	50	NV	-4.40	-0.0013	>=-2.5 & <=2.5	Pass
			20	LV	-6.30	-0.0018	>=-2.5 & <=2.5	Pass
				HV	-5.20	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	-3.30	-0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	-4.60	-0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-2.40	-0.0007	>=-2.5 & <=2.5	Pass
			0	NV	-3.10	-0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-6.80	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-3.50	-0.0010	>=-2.5 & <=2.5	Pass
			30	NV	-1.30	-0.0004	>=-2.5 & <=2.5	Pass
			40	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			50	NV	-6.10	-0.0017	>=-2.5 & <=2.5	Pass

2.1.19 30k_SISO_100MHz

5G NR n77d SCS=30kHz SISO 100MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-5.40	-0.0015	>=-2.5 & <=2.5	Pass
				HV	7.50	0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-6.20	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-8.70	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-6.90	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-3.00	-0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-10.20	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-7.20	-0.0021	>=-2.5 & <=2.5	Pass
			30	NV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
			40	NV	2.70	0.0008	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-5.40	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-6.20	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-5.20	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-8.40	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	5.20	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-9.00	-0.0026	>=-2.5 & <=2.5	Pass
			10	NV	-2.50	-0.0007	>=-2.5 & <=2.5	Pass
			20	NV	-2.80	-0.0008	>=-2.5 & <=2.5	Pass
			30	NV	-2.20	-0.0006	>=-2.5 & <=2.5	Pass
			40	NV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-14.30	-0.0041	>=-2.5 & <=2.5	Pass
				HV	4.00	0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	-16.20	-0.0046	>=-2.5 & <=2.5	Pass
			-10	NV	7.30	0.0021	>=-2.5 & <=2.5	Pass

			0	NV	-6.80	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.00	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.80	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			30	NV	2.00	0.0006	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-8.60	-0.0025	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	50	NV	-5.50	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-3.40	-0.0010	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.00	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.20	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.90	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.50	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.20	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-12.90	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			30	NV	8.00	0.0023	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	40	NV	-8.20	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-1.20	-0.0003	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-3.70	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.20	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-9.30	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.10	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-7.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.80	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-9.00	-0.0026	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	30	NV	-2.80	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.80	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-5.70	-0.0016	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.40	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.40	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	5.60	0.0016	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-8.40	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.50	-0.0010	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	NV	-5.20	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			30	NV	1.30	0.0004	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.40	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-7.70	-0.0022	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	3.60	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.00	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.20	-0.0012	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	10	NV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.40	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.90	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.10	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			50	NV	1.10	0.0003	≥ -2.5 & ≤ 2.5	Pass
			20	LV	4.00	0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-10.00	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.20	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.80	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.20	-0.0006	≥ -2.5 & ≤ 2.5	Pass

			40	NV	-4.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-9.00	-0.0026	≥ -2.5 & ≤ 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 15k_SISO_50MHz_NTNV

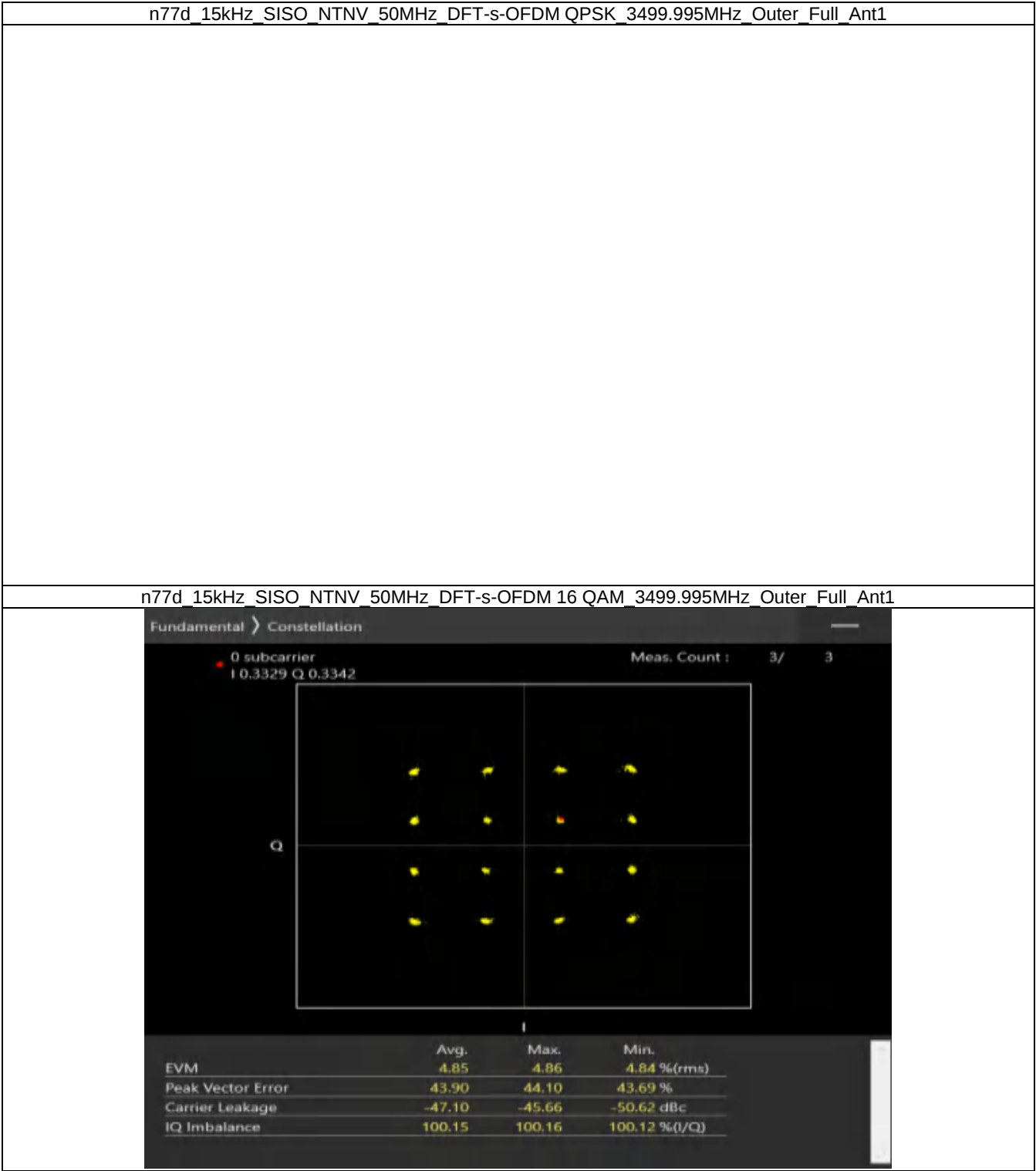
5G NR n77d SCS=15kHz SISO 50MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Modulation Characteristics				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3499.995	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 16 QAM	3499.995	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 64 QAM	3499.995	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 256 QAM	3499.995	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3499.995	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 16 QAM	3499.995	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 64 QAM	3499.995	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 256 QAM	3499.995	Outer_Full	Refer To Test Graph				Pass

3.1.2 30k_SISO_100MHz_NTNV

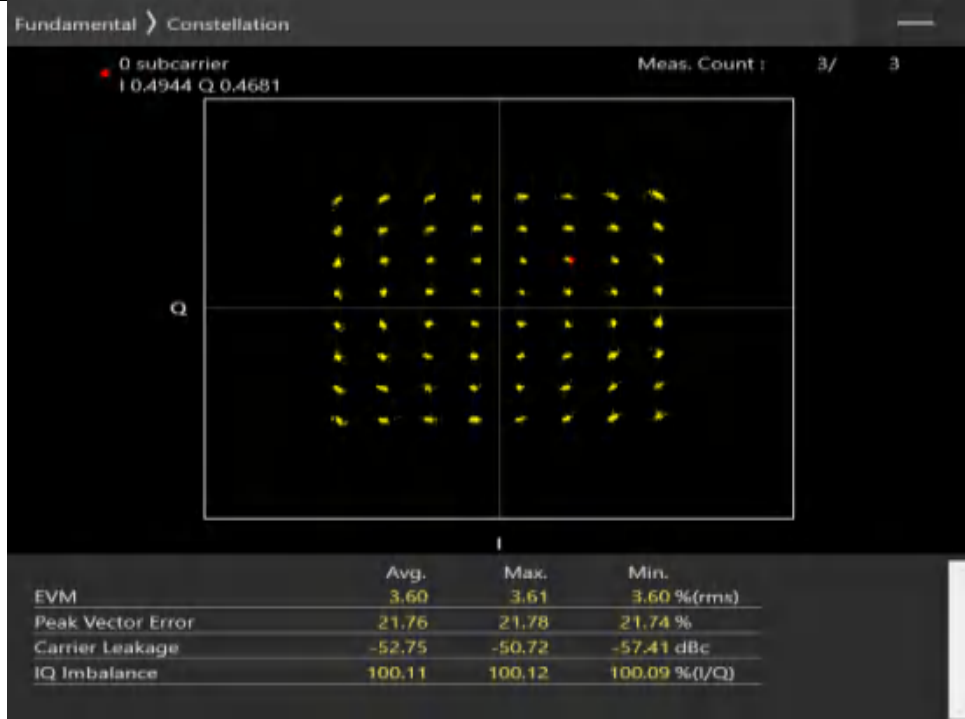
5G NR n77d SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Modulation Characteristics				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3500.01	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3500.01	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	Refer To Test Graph				Pass

3.2 Test Graph

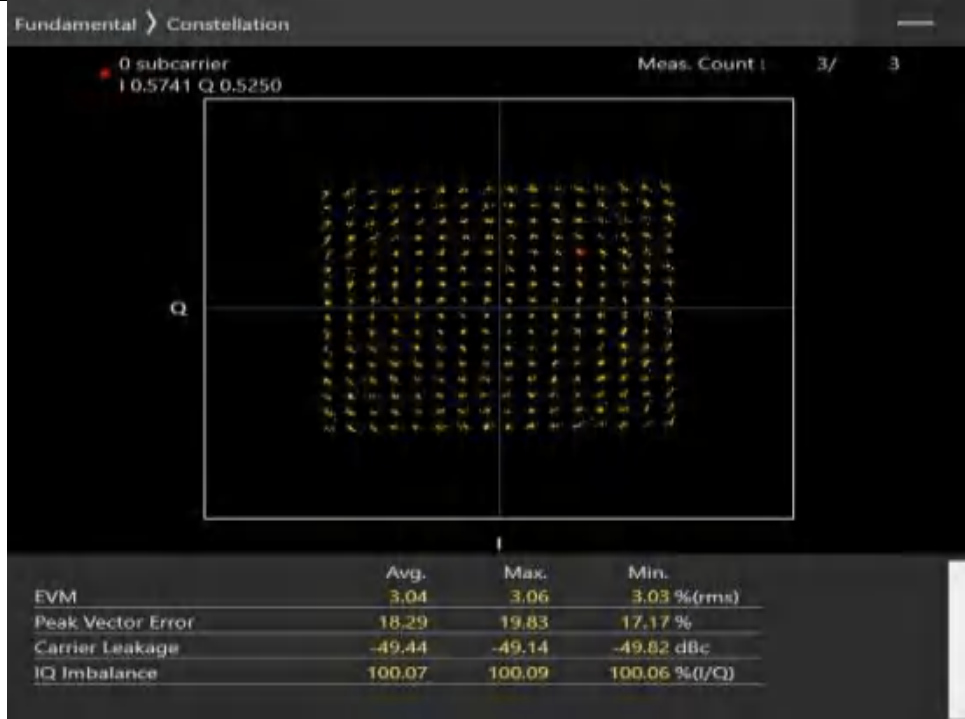
3.2.1 15k_SISO_50MHz_NTNV



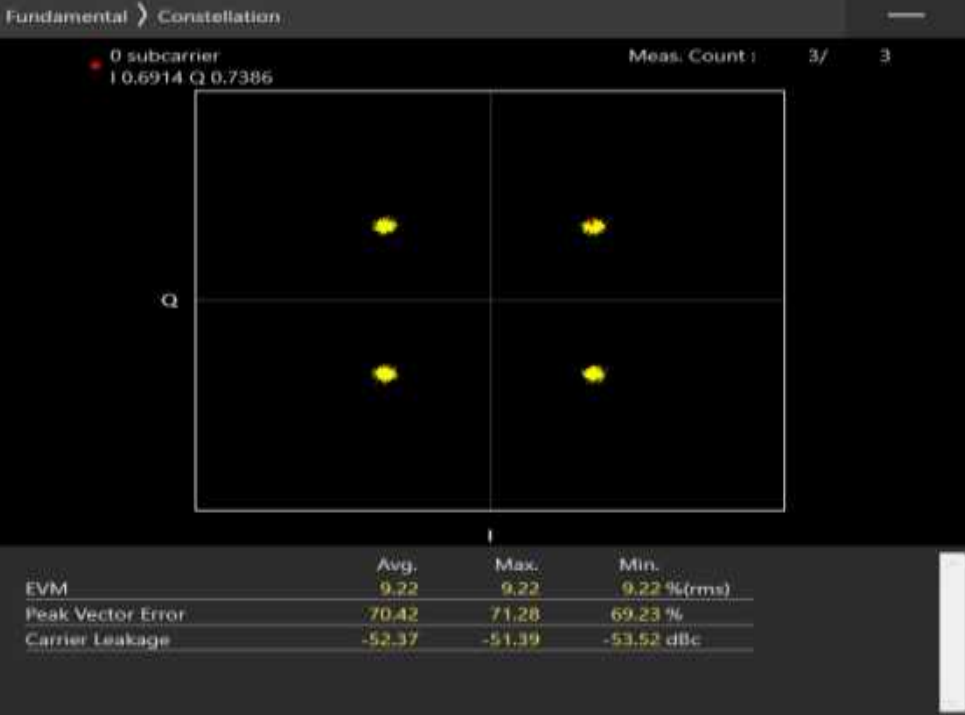
n77d 15kHz SISO NTN 50MHz DFT-s-OFDM 64 QAM 3499.995MHz Outer Full Ant1



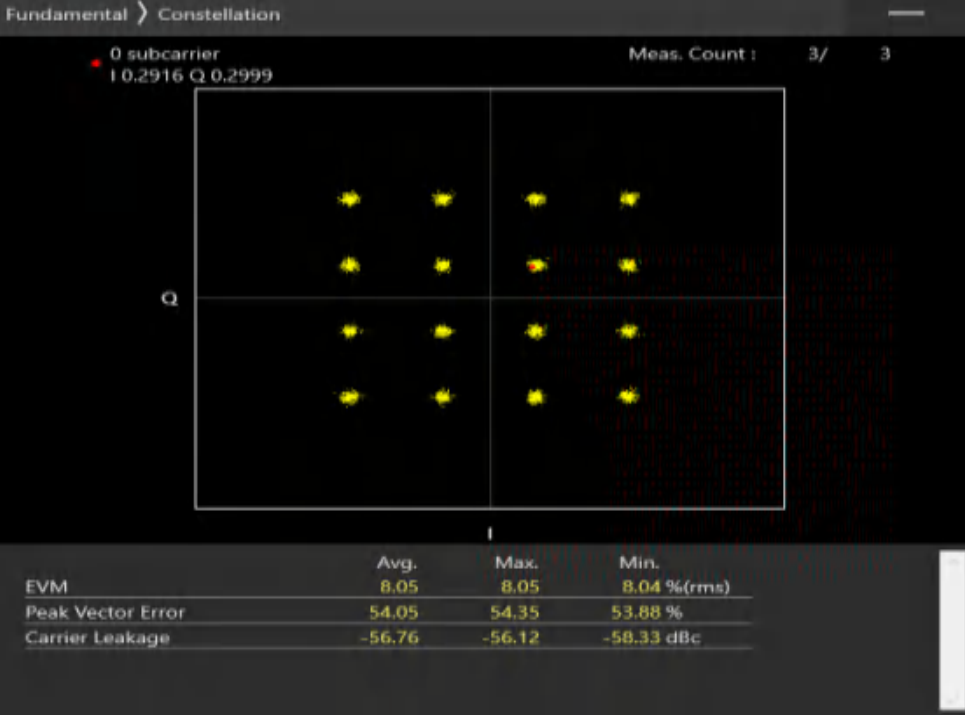
n77d 15kHz SISO NTN 50MHz DFT-s-OFDM 256 QAM 3499.995MHz Outer Full Ant1



n77d_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_3499.995MHz_Outer_Full_Ant1

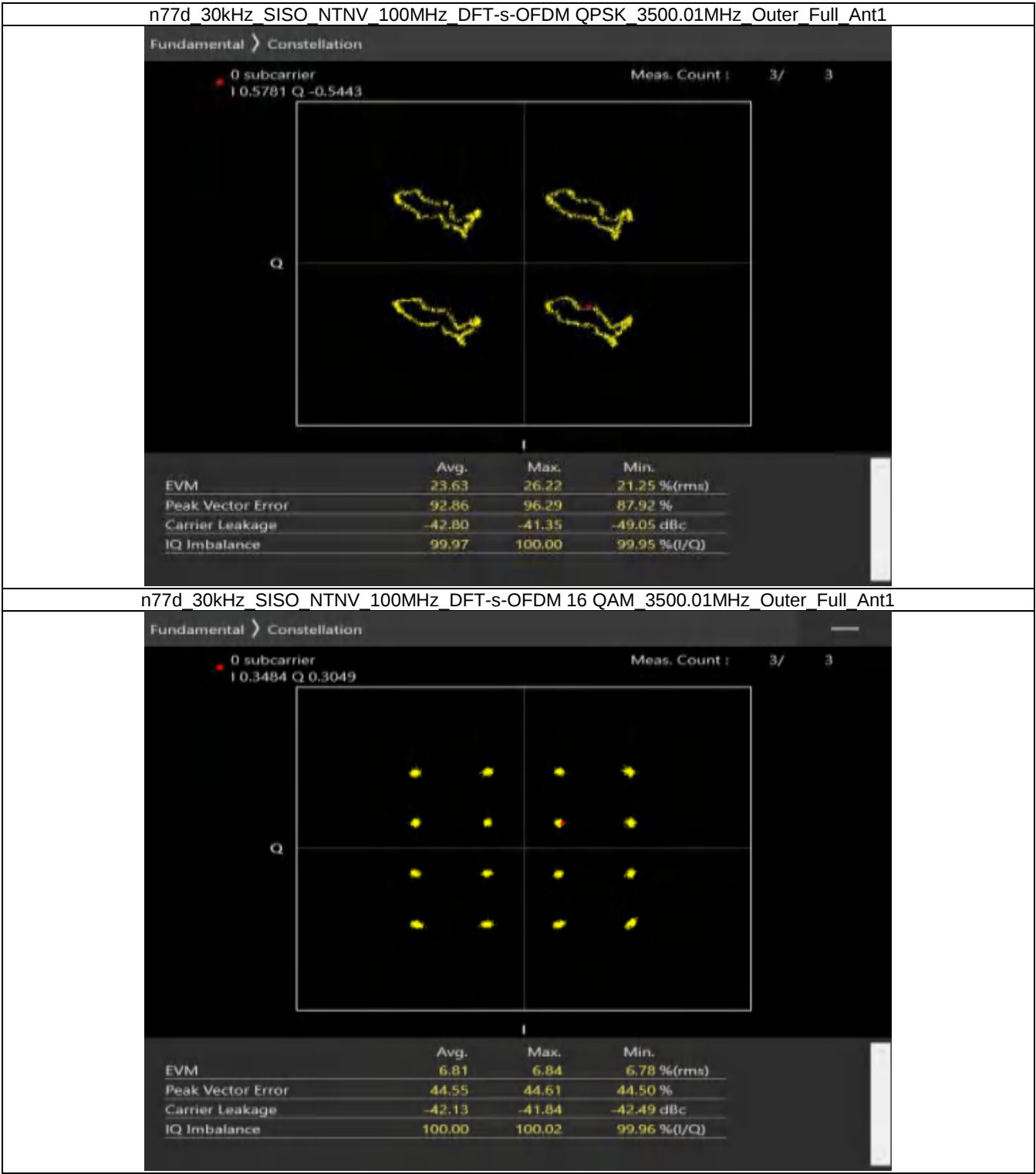


n77d_15kHz_SISO_NTNV_50MHz_CP-OFDM_16_QAM_3499.995MHz_Outer_Full_Ant1

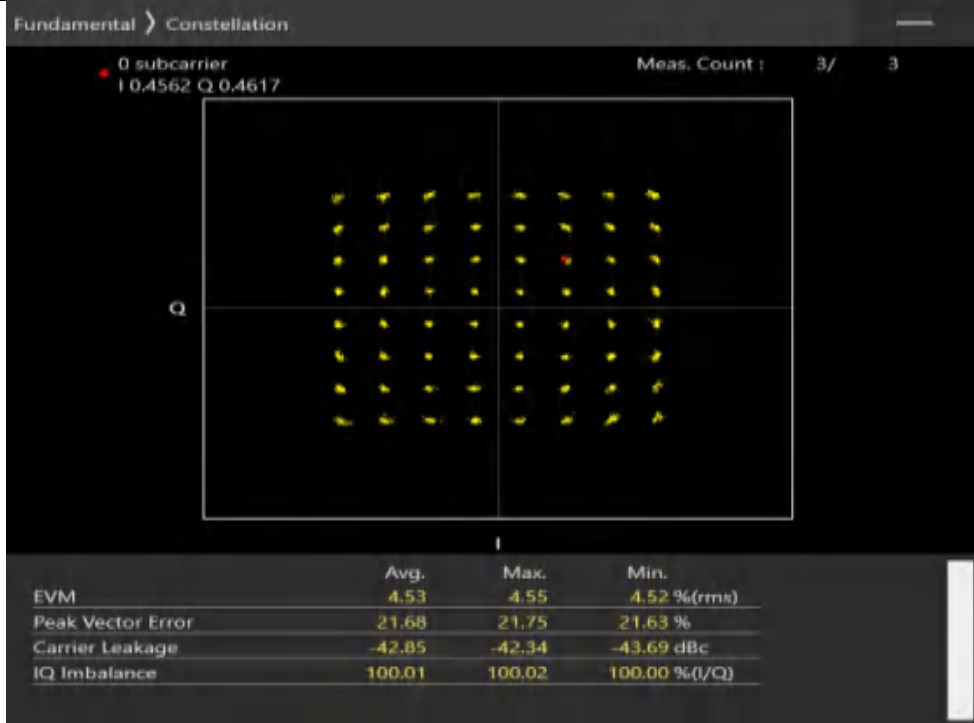


n77d_15kHz_SISO_NTNV_50MHz_CP-OFDM 64 QAM_3499.995MHz_Outer_Full_Ant1
n77d_15kHz_SISO_NTNV_50MHz_CP-OFDM 256 QAM_3499.995MHz_Outer_Full_Ant1

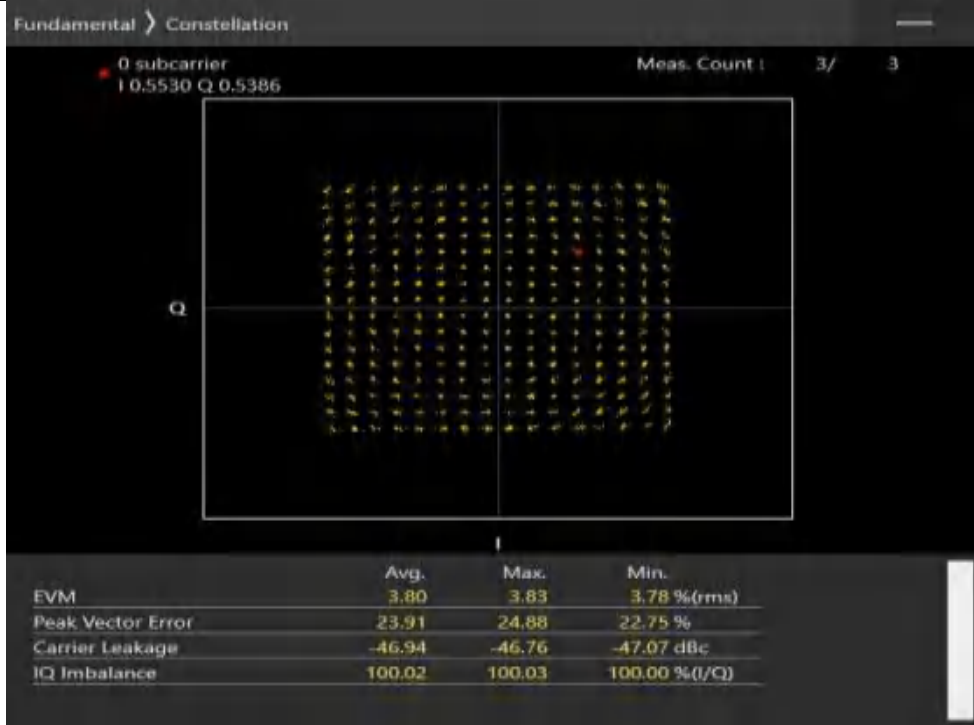
3.2.2 30k_SISO_100MHz_NTNV



n77d 30kHz SISO NTN 100MHz DFT-s-OFDM 64 QAM 3500.01MHz Outer Full Ant1

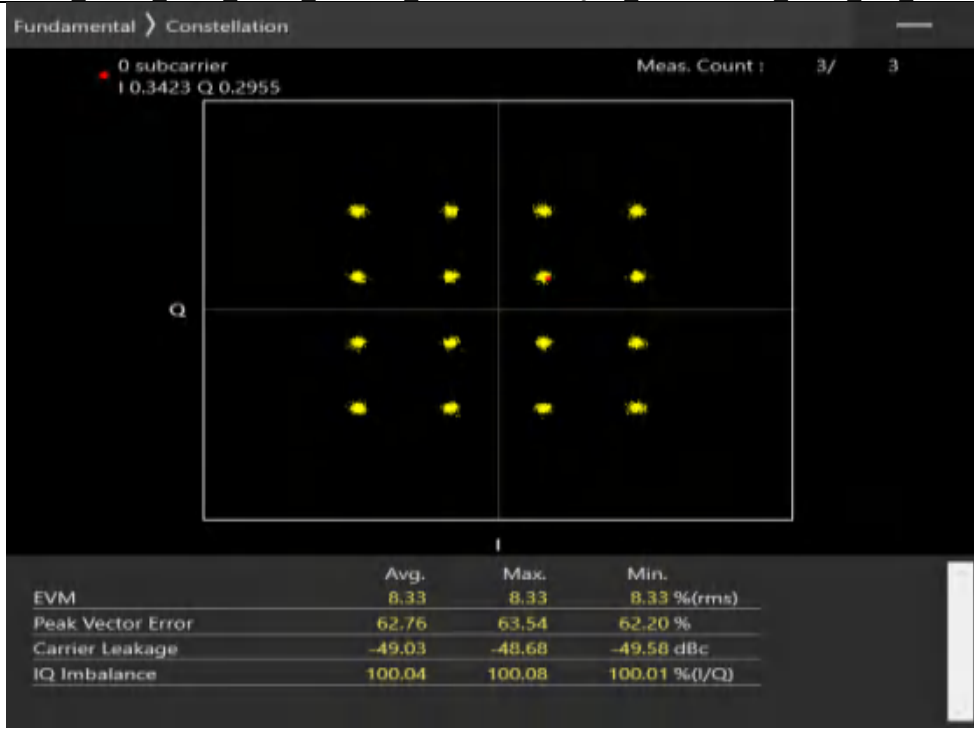


n77d 30kHz SISO NTN 100MHz DFT-s-OFDM 256 QAM 3500.01MHz Outer Full Ant1

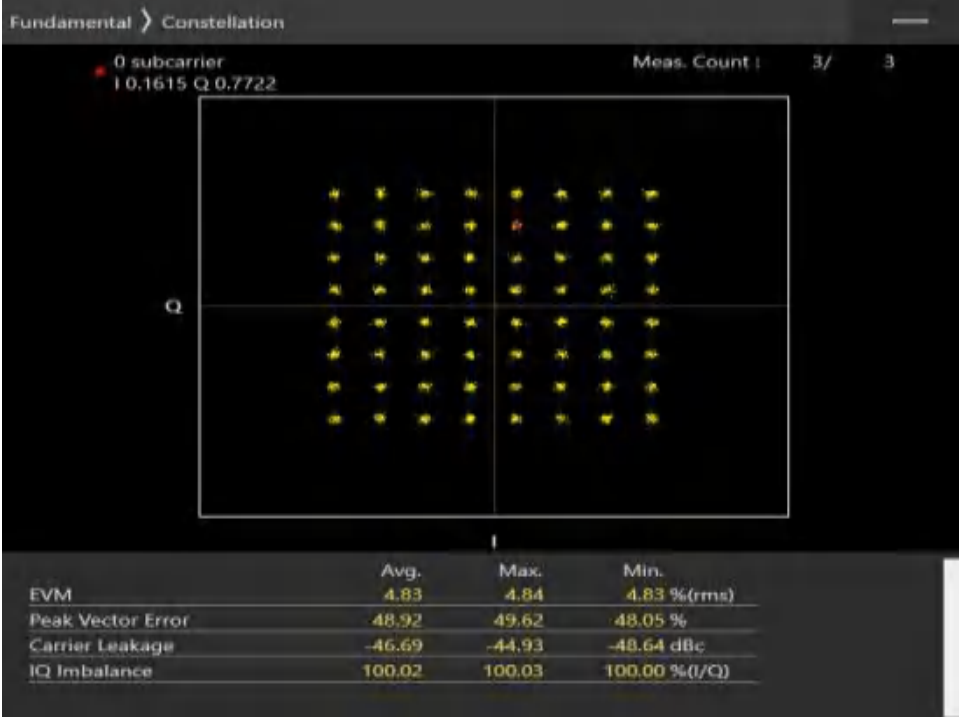


n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant1

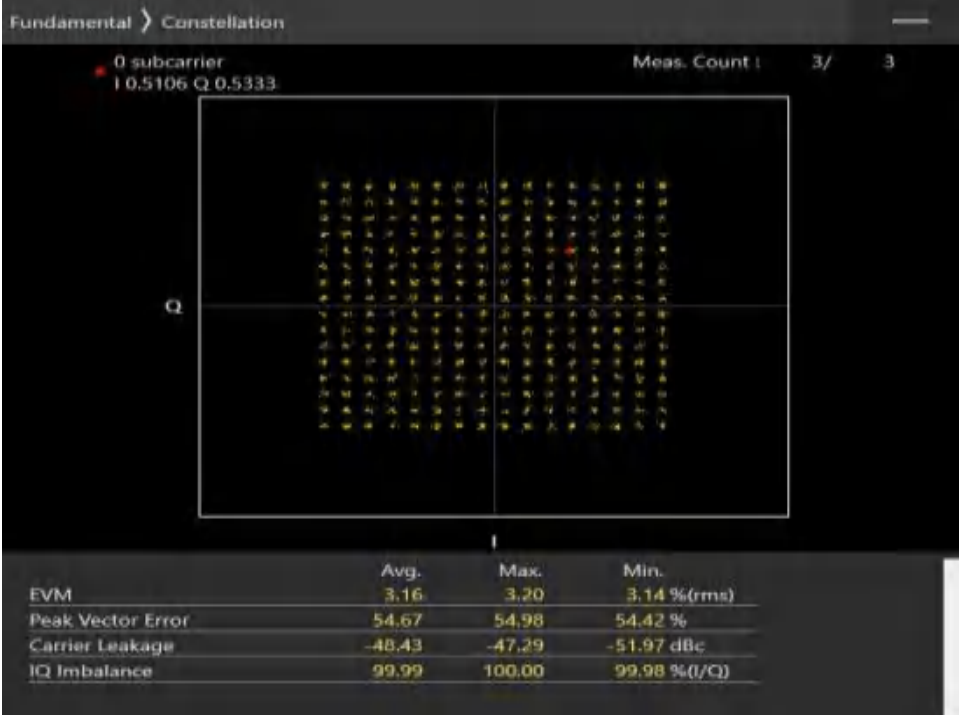
n77d_30kHz_SISO_NTNV_100MHz_CP-OFDM_16_QAM_3500.01MHz_Outer_Full_Ant1



n77d 30kHz SISO NTN 100MHz CP-OFDM 64 QAM 3500.01MHz Outer Full Ant1



n77d 30kHz SISO NTN 100MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant1



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 15k_SISO_10MHz_NTNV

5G NR n77d SCS=15kHz SISO 10MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3455.01	Outer_Full	9.10	9.97	/	Pass
	3499.995	Outer_Full	9.07	10.09	/	Pass
	3544.995	Outer_Full	9.09	9.92	/	Pass
DFT-s-OFDM 16 QAM	3455.01	Outer_Full	9.08	9.84	/	Pass
	3499.995	Outer_Full	9.07	9.84	/	Pass
	3544.995	Outer_Full	9.08	9.89	/	Pass
DFT-s-OFDM 64 QAM	3455.01	Outer_Full	9.11	10.65	/	Pass
	3499.995	Outer_Full	9.10	10.22	/	Pass
	3544.995	Outer_Full	9.13	10.59	/	Pass
DFT-s-OFDM 256 QAM	3455.01	Outer_Full	9.13	9.61	/	Pass
	3499.995	Outer_Full	9.08	10.58	/	Pass
	3544.995	Outer_Full	9.08	10.45	/	Pass
CP-OFDM QPSK	3455.01	Outer_Full	9.38	10.34	/	Pass
	3499.995	Outer_Full	9.43	10.17	/	Pass
	3544.995	Outer_Full	9.42	10.17	/	Pass
CP-OFDM 16 QAM	3455.01	Outer_Full	9.43	10.17	/	Pass
	3499.995	Outer_Full	9.44	10.18	/	Pass
	3544.995	Outer_Full	9.44	10.25	/	Pass
CP-OFDM 64 QAM	3455.01	Outer_Full	9.43	10.11	/	Pass
	3499.995	Outer_Full	9.43	10.20	/	Pass
	3544.995	Outer_Full	9.44	10.07	/	Pass
CP-OFDM 256 QAM	3455.01	Outer_Full	9.41	10.52	/	Pass
	3499.995	Outer_Full	9.44	10.71	/	Pass
	3544.995	Outer_Full	9.43	10.70	/	Pass

4.1.2 15k_SISO_15MHz_NTNV

5G NR n77d SCS=15kHz SISO 15MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3457.5	Outer_Full	13.67	14.74	/	Pass
	3499.995	Outer_Full	13.69	14.71	/	Pass
	3542.49	Outer_Full	13.66	14.80	/	Pass
DFT-s-OFDM 16 QAM	3457.5	Outer_Full	13.62	14.98	/	Pass
	3499.995	Outer_Full	13.63	15.20	/	Pass
	3542.49	Outer_Full	13.61	15.86	/	Pass
DFT-s-OFDM 64 QAM	3457.5	Outer_Full	13.67	14.91	/	Pass
	3499.995	Outer_Full	13.67	15.48	/	Pass
	3542.49	Outer_Full	13.69	15.49	/	Pass
DFT-s-OFDM 256 QAM	3457.5	Outer_Full	13.61	14.93	/	Pass
	3499.995	Outer_Full	13.61	15.86	/	Pass
	3542.49	Outer_Full	13.70	15.64	/	Pass
CP-OFDM QPSK	3457.5	Outer_Full	14.29	16.37	/	Pass
	3499.995	Outer_Full	13.69	15.49	/	Pass

	3542.49	Outer_Full	14.30	16.57	/	Pass
CP-OFDM 16 QAM	3457.5	Outer_Full	14.30	15.35	/	Pass
	3499.995	Outer_Full	14.30	15.35	/	Pass
	3542.49	Outer_Full	14.38	17.74	/	Pass
CP-OFDM 64 QAM	3457.5	Outer_Full	14.33	16.21	/	Pass
	3499.995	Outer_Full	14.36	17.90	/	Pass
	3542.49	Outer_Full	14.34	15.33	/	Pass
CP-OFDM 256 QAM	3457.5	Outer_Full	14.29	15.72	/	Pass
	3499.995	Outer_Full	14.34	17.66	/	Pass
	3542.49	Outer_Full	14.36	17.90	/	Pass

4.1.3 15k_SISO_20MHz_NTNV

5G NR n77d SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3460.005	Outer_Full	18.15	19.83	/	Pass
	3499.995	Outer_Full	18.15	19.85	/	Pass
	3540	Outer_Full	18.21	20.34	/	Pass
DFT-s-OFDM 16 QAM	3460.005	Outer_Full	18.12	21.03	/	Pass
	3499.995	Outer_Full	18.16	20.88	/	Pass
	3540	Outer_Full	18.19	21.27	/	Pass
DFT-s-OFDM 64 QAM	3460.005	Outer_Full	18.21	21.16	/	Pass
	3499.995	Outer_Full	18.15	20.68	/	Pass
	3540	Outer_Full	18.24	21.97	/	Pass
DFT-s-OFDM 256 QAM	3460.005	Outer_Full	18.12	19.62	/	Pass
	3499.995	Outer_Full	18.14	19.53	/	Pass
	3540	Outer_Full	18.14	19.49	/	Pass
CP-OFDM QPSK	3460.005	Outer_Full	19.17	23.58	/	Pass
	3499.995	Outer_Full	19.17	24.38	/	Pass
	3540	Outer_Full	19.19	23.57	/	Pass
CP-OFDM 16 QAM	3460.005	Outer_Full	19.22	21.63	/	Pass
	3499.995	Outer_Full	19.21	24.87	/	Pass
	3540	Outer_Full	19.25	20.82	/	Pass
CP-OFDM 64 QAM	3460.005	Outer_Full	19.22	21.53	/	Pass
	3499.995	Outer_Full	19.20	20.50	/	Pass
	3540	Outer_Full	19.24	22.33	/	Pass
CP-OFDM 256 QAM	3460.005	Outer_Full	19.14	22.14	/	Pass
	3499.995	Outer_Full	19.11	20.43	/	Pass
	3540	Outer_Full	19.13	20.49	/	Pass

4.1.4 15k_SISO_25MHz_NTNV

5G NR n77d SCS=15kHz SISO 25MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3462.51	Outer_Full	23.08	24.80	/	Pass
	3499.995	Outer_Full	23.02	25.00	/	Pass
	3537.495	Outer_Full	23.08	24.74	/	Pass
DFT-s-OFDM 16 QAM	3462.51	Outer_Full	23.10	25.38	/	Pass
	3499.995	Outer_Full	23.13	25.20	/	Pass
	3537.495	Outer_Full	23.14	24.79	/	Pass
DFT-s-OFDM 64 QAM	3462.51	Outer_Full	23.02	24.71	/	Pass
	3499.995	Outer_Full	23.10	25.18	/	Pass
	3537.495	Outer_Full	23.02	24.71	/	Pass

DFT-s-OFDM 256 QAM	3462.51	Outer_Full	23.02	24.71	/	Pass
	3499.995	Outer_Full	23.06	24.70	/	Pass
	3537.495	Outer_Full	23.06	24.70	/	Pass
CP-OFDM QPSK	3462.51	Outer_Full	23.88	25.44	/	Pass
	3499.995	Outer_Full	23.90	27.63	/	Pass
	3537.495	Outer_Full	24.08	32.95	/	Pass
CP-OFDM 16 QAM	3462.51	Outer_Full	23.89	25.33	/	Pass
	3499.995	Outer_Full	23.87	26.20	/	Pass
	3537.495	Outer_Full	23.91	26.49	/	Pass
CP-OFDM 64 QAM	3462.51	Outer_Full	23.82	25.51	/	Pass
	3499.995	Outer_Full	23.96	25.76	/	Pass
	3537.495	Outer_Full	23.97	25.67	/	Pass
CP-OFDM 256 QAM	3462.51	Outer_Full	23.83	26.66	/	Pass
	3499.995	Outer_Full	23.85	25.59	/	Pass
	3537.495	Outer_Full	23.83	25.53	/	Pass

4.1.5 15k_SISO_30MHz_NTNV

5G NR n77d SCS=15kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3465	Outer_Full	28.94	30.81	/	Pass
	3499.995	Outer_Full	28.95	30.79	/	Pass
	3534.99	Outer_Full	28.88	30.83	/	Pass
DFT-s-OFDM 16 QAM	3465	Outer_Full	28.95	31.63	/	Pass
	3499.995	Outer_Full	28.97	30.82	/	Pass
	3534.99	Outer_Full	28.96	31.63	/	Pass
DFT-s-OFDM 64 QAM	3465	Outer_Full	29.00	30.85	/	Pass
	3499.995	Outer_Full	28.88	35.28	/	Pass
	3534.99	Outer_Full	28.98	30.89	/	Pass
DFT-s-OFDM 256 QAM	3465	Outer_Full	28.92	30.78	/	Pass
	3499.995	Outer_Full	28.82	30.89	/	Pass
	3534.99	Outer_Full	28.87	31.64	/	Pass
CP-OFDM QPSK	3465	Outer_Full	29.01	35.98	/	Pass
	3499.995	Outer_Full	29.01	36.02	/	Pass
	3534.99	Outer_Full	29.03	35.95	/	Pass
CP-OFDM 16 QAM	3465	Outer_Full	28.91	31.89	/	Pass
	3499.995	Outer_Full	28.91	32.36	/	Pass
	3534.99	Outer_Full	28.91	31.15	/	Pass
CP-OFDM 64 QAM	3465	Outer_Full	29.00	32.98	/	Pass
	3499.995	Outer_Full	28.91	34.02	/	Pass
	3534.99	Outer_Full	28.90	31.25	/	Pass
CP-OFDM 256 QAM	3465	Outer_Full	28.89	30.81	/	Pass
	3499.995	Outer_Full	28.89	30.86	/	Pass
	3534.99	Outer_Full	28.89	30.83	/	Pass

4.1.6 15k_SISO_40MHz_NTNV

5G NR n77d SCS=15kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3470.01	Outer_Full	39.12	41.44	/	Pass
	3499.995	Outer_Full	39.02	41.47	/	Pass
	3529.995	Outer_Full	39.15	41.51	/	Pass
DFT-s-OFDM 16 QAM	3470.01	Outer_Full	38.98	41.39	/	Pass

	3499.995	Outer_Full	39.03	41.50	/	Pass
	3529.995	Outer_Full	39.05	41.57	/	Pass
DFT-s-OFDM 64 QAM	3470.01	Outer_Full	39.09	41.43	/	Pass
	3499.995	Outer_Full	39.11	43.43	/	Pass
	3529.995	Outer_Full	39.18	45.49	/	Pass
DFT-s-OFDM 256 QAM	3470.01	Outer_Full	39.65	41.17	/	Pass
	3499.995	Outer_Full	38.92	41.48	/	Pass
	3529.995	Outer_Full	39.21	42.31	/	Pass
CP-OFDM QPSK	3470.01	Outer_Full	39.11	45.06	/	Pass
	3499.995	Outer_Full	39.02	45.33	/	Pass
	3529.995	Outer_Full	39.16	46.23	/	Pass
CP-OFDM 16 QAM	3470.01	Outer_Full	39.04	41.50	/	Pass
	3499.995	Outer_Full	39.02	41.54	/	Pass
	3529.995	Outer_Full	39.13	41.56	/	Pass
CP-OFDM 64 QAM	3470.01	Outer_Full	39.01	42.02	/	Pass
	3499.995	Outer_Full	39.06	45.46	/	Pass
	3529.995	Outer_Full	39.13	41.57	/	Pass
CP-OFDM 256 QAM	3470.01	Outer_Full	39.03	41.50	/	Pass
	3499.995	Outer_Full	38.98	41.55	/	Pass
	3529.995	Outer_Full	39.19	41.54	/	Pass

4.1.7 15k_SISO_50MHz_NTNV

5G NR n77d SCS=15kHz SISO 50MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3475.005	Outer_Full	48.59	51.60	/	Pass
	3499.995	Outer_Full	48.51	51.70	/	Pass
	3525	Outer_Full	48.58	51.77	/	Pass
DFT-s-OFDM 16 QAM	3475.005	Outer_Full	48.61	52.98	/	Pass
	3499.995	Outer_Full	48.48	53.35	/	Pass
	3525	Outer_Full	48.61	53.17	/	Pass
DFT-s-OFDM 64 QAM	3475.005	Outer_Full	48.61	52.21	/	Pass
	3499.995	Outer_Full	48.66	52.05	/	Pass
	3525	Outer_Full	48.72	51.94	/	Pass
DFT-s-OFDM 256 QAM	3475.005	Outer_Full	48.63	51.70	/	Pass
	3499.995	Outer_Full	48.57	51.79	/	Pass
	3525	Outer_Full	48.69	51.85	/	Pass
CP-OFDM QPSK	3475.005	Outer_Full	43.72	46.88	/	Pass
	3499.995	Outer_Full	43.66	46.94	/	Pass
	3525	Outer_Full	43.80	48.03	/	Pass
CP-OFDM 16 QAM	3475.005	Outer_Full	43.72	46.79	/	Pass
	3499.995	Outer_Full	43.77	46.99	/	Pass
	3525	Outer_Full	43.83	47.97	/	Pass
CP-OFDM 64 QAM	3475.005	Outer_Full	43.79	46.75	/	Pass
	3499.995	Outer_Full	43.77	49.24	/	Pass
	3525	Outer_Full	43.83	46.92	/	Pass
CP-OFDM 256 QAM	3475.005	Outer_Full	43.73	46.80	/	Pass
	3499.995	Outer_Full	43.66	48.50	/	Pass
	3525	Outer_Full	43.72	47.53	/	Pass

4.1.8 30k_SISO_10MHz_NTNV

5G NR n77d SCS=30kHz SISO 10MHz NTN						
Modulation	Frequency	RB	99% Bandwidth	26dB Bandwidth	Limit	Verdict

	(MHz)	Allocation	(MHz)	(MHz)	(MHz)	
DFT-s-OFDM QPSK	3455.01	Outer_Full	8.83	9.87	/	Pass
	3500.01	Outer_Full	8.89	9.93	/	Pass
	3544.98	Outer_Full	8.75	10.34	/	Pass
DFT-s-OFDM 16 QAM	3455.01	Outer_Full	8.81	9.88	/	Pass
	3500.01	Outer_Full	8.84	9.68	/	Pass
	3544.98	Outer_Full	8.72	10.00	/	Pass
DFT-s-OFDM 64 QAM	3455.01	Outer_Full	8.95	10.14	/	Pass
	3500.01	Outer_Full	8.90	9.95	/	Pass
	3544.98	Outer_Full	8.79	9.90	/	Pass
DFT-s-OFDM 256 QAM	3455.01	Outer_Full	8.87	9.81	/	Pass
	3500.01	Outer_Full	8.85	10.04	/	Pass
	3544.98	Outer_Full	8.70	9.90	/	Pass
CP-OFDM QPSK	3455.01	Outer_Full	8.85	9.53	/	Pass
	3500.01	Outer_Full	8.87	9.97	/	Pass
	3544.98	Outer_Full	8.77	9.94	/	Pass
CP-OFDM 16 QAM	3455.01	Outer_Full	8.87	9.88	/	Pass
	3500.01	Outer_Full	8.93	9.61	/	Pass
	3544.98	Outer_Full	8.76	10.14	/	Pass
CP-OFDM 64 QAM	3455.01	Outer_Full	8.80	9.64	/	Pass
	3500.01	Outer_Full	8.86	9.51	/	Pass
	3544.98	Outer_Full	8.74	11.13	/	Pass
CP-OFDM 256 QAM	3455.01	Outer_Full	8.85	9.63	/	Pass
	3500.01	Outer_Full	8.91	9.62	/	Pass
	3544.98	Outer_Full	8.76	9.89	/	Pass

4.1.9 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 QPSK	3457.5	Outer_Full	13.16	14.58	/	Pass
	3500.01	Outer_Full	13.22	14.65	/	Pass
	3542.49	Outer_Full	13.18	15.04	/	Pass
DFT-s-OFDM 16 QAM	3457.5	Outer_Full	13.13	15.04	/	Pass
	3500.01	Outer_Full	13.12	14.82	/	Pass
	3542.49	Outer_Full	13.14	16.16	/	Pass
DFT-s-OFDM 64 QAM	3457.5	Outer_Full	13.20	15.20	/	Pass
	3500.01	Outer_Full	13.24	14.96	/	Pass
	3542.49	Outer_Full	13.17	15.02	/	Pass
DFT-s-OFDM 256 QAM	3457.5	Outer_Full	13.11	16.14	/	Pass
	3500.01	Outer_Full	13.19	17.45	/	Pass
	3542.49	Outer_Full	13.12	15.99	/	Pass
CP-OFDM QPSK	3457.5	Outer_Full	13.80	15.32	/	Pass
	3500.01	Outer_Full	13.81	15.35	/	Pass
	3542.49	Outer_Full	13.80	15.41	/	Pass
CP-OFDM 16 QAM	3457.5	Outer_Full	13.97	19.35	/	Pass
	3500.01	Outer_Full	13.88	18.36	/	Pass
	3542.49	Outer_Full	13.90	19.77	/	Pass
CP-OFDM 64 QAM	3457.5	Outer_Full	13.86	16.15	/	Pass
	3500.01	Outer_Full	13.90	16.38	/	Pass
	3542.49	Outer_Full	13.86	16.65	/	Pass
CP-OFDM 256 QAM	3457.5	Outer_Full	13.82	16.65	/	Pass
	3500.01	Outer_Full	13.83	16.42	/	Pass
	3542.49	Outer_Full	13.84	16.05	/	Pass

4.1.10 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 QPSK	3460.02	Outer_Full	18.22	19.84	/	Pass
	3500.01	Outer_Full	18.23	19.93	/	Pass
	3540	Outer_Full	18.26	19.88	/	Pass
DFT-s-OFDM 16 QAM	3460.02	Outer_Full	18.19	20.02	/	Pass
	3500.01	Outer_Full	18.19	19.80	/	Pass
	3540	Outer_Full	18.24	20.41	/	Pass
DFT-s-OFDM 64 QAM	3460.02	Outer_Full	18.24	20.19	/	Pass
	3500.01	Outer_Full	18.27	20.21	/	Pass
	3540	Outer_Full	18.29	20.48	/	Pass
DFT-s-OFDM 256 QAM	3460.02	Outer_Full	18.20	19.96	/	Pass
	3500.01	Outer_Full	18.15	19.91	/	Pass
	3540	Outer_Full	18.15	19.95	/	Pass
CP-OFDM QPSK	3460.02	Outer_Full	18.53	24.14	/	Pass
	3500.01	Outer_Full	18.52	23.67	/	Pass
	3540	Outer_Full	18.50	22.05	/	Pass
CP-OFDM 16 QAM	3460.02	Outer_Full	18.51	20.28	/	Pass
	3500.01	Outer_Full	18.54	21.97	/	Pass
	3540	Outer_Full	18.58	22.03	/	Pass
CP-OFDM 64 QAM	3460.02	Outer_Full	18.55	20.15	/	Pass
	3500.01	Outer_Full	18.58	20.14	/	Pass
	3540	Outer_Full	18.62	20.08	/	Pass
CP-OFDM 256 QAM	3460.02	Outer_Full	18.48	20.08	/	Pass
	3500.01	Outer_Full	18.49	20.09	/	Pass
	3540	Outer_Full	18.46	19.95	/	Pass

4.1.11 30k_SISO_25MHz_NTNV

5G NR n77d SCS=30kHz SISO 25MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3462.51	Outer_Full	23.09	25.01	/	Pass
	3500.01	Outer_Full	23.08	24.99	/	Pass
	3537.48	Outer_Full	23.10	25.17	/	Pass
DFT-s-OFDM 16 QAM	3462.51	Outer_Full	23.25	25.27	/	Pass
	3500.01	Outer_Full	23.13	25.01	/	Pass
	3537.48	Outer_Full	23.15	25.11	/	Pass
DFT-s-OFDM 64 QAM	3462.51	Outer_Full	23.21	25.06	/	Pass
	3500.01	Outer_Full	23.17	24.99	/	Pass
	3537.48	Outer_Full	23.18	25.00	/	Pass
DFT-s-OFDM 256 QAM	3462.51	Outer_Full	23.04	24.93	/	Pass
	3500.01	Outer_Full	23.17	24.99	/	Pass
	3537.48	Outer_Full	23.10	25.18	/	Pass
CP-OFDM QPSK	3462.51	Outer_Full	23.43	26.11	/	Pass
	3500.01	Outer_Full	23.43	25.59	/	Pass
	3537.48	Outer_Full	23.44	28.92	/	Pass
CP-OFDM 16 QAM	3462.51	Outer_Full	23.50	26.15	/	Pass
	3500.01	Outer_Full	23.47	25.45	/	Pass
	3537.48	Outer_Full	23.49	25.32	/	Pass
CP-OFDM 64 QAM	3462.51	Outer_Full	23.44	25.41	/	Pass
	3500.01	Outer_Full	23.46	27.97	/	Pass
	3537.48	Outer_Full	23.49	27.34	/	Pass
CP-OFDM 256 QAM	3462.51	Outer_Full	23.37	26.45	/	Pass

	3500.01	Outer_Full	23.40	26.37	/	Pass
	3537.48	Outer_Full	23.12	24.77	/	Pass

4.1.12 30k_SISO_30MHz_NTNV

5G NR n77d SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3465	Outer_Full	27.29	29.43	/	Pass
	3500.01	Outer_Full	27.28	29.60	/	Pass
	3534.99	Outer_Full	27.32	29.51	/	Pass
DFT-s-OFDM 16 QAM	3465	Outer_Full	27.23	29.56	/	Pass
	3500.01	Outer_Full	27.27	29.35	/	Pass
	3534.99	Outer_Full	27.28	29.45	/	Pass
DFT-s-OFDM 64 QAM	3465	Outer_Full	27.26	29.90	/	Pass
	3500.01	Outer_Full	27.29	29.70	/	Pass
	3534.99	Outer_Full	27.31	29.87	/	Pass
DFT-s-OFDM 256 QAM	3465	Outer_Full	27.39	30.19	/	Pass
	3500.01	Outer_Full	27.26	30.37	/	Pass
	3534.99	Outer_Full	27.29	29.97	/	Pass
CP-OFDM QPSK	3465	Outer_Full	28.29	32.26	/	Pass
	3500.01	Outer_Full	28.23	32.60	/	Pass
	3534.99	Outer_Full	28.30	32.80	/	Pass
CP-OFDM 16 QAM	3465	Outer_Full	28.30	30.14	/	Pass
	3500.01	Outer_Full	28.26	30.17	/	Pass
	3534.99	Outer_Full	28.36	31.14	/	Pass
CP-OFDM 64 QAM	3465	Outer_Full	28.18	30.27	/	Pass
	3500.01	Outer_Full	28.09	30.30	/	Pass
	3534.99	Outer_Full	28.22	30.41	/	Pass
CP-OFDM 256 QAM	3465	Outer_Full	28.21	31.41	/	Pass
	3500.01	Outer_Full	28.18	30.97	/	Pass
	3534.99	Outer_Full	28.23	30.51	/	Pass

4.1.13 30k_SISO_40MHz_NTNV

5G NR n77d SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3470.01	Outer_Full	36.38	41.98	/	Pass
	3500.01	Outer_Full	36.47	41.60	/	Pass
	3529.98	Outer_Full	36.35	41.72	/	Pass
DFT-s-OFDM 16 QAM	3470.01	Outer_Full	36.40	40.98	/	Pass
	3500.01	Outer_Full	36.35	41.54	/	Pass
	3529.98	Outer_Full	36.37	39.82	/	Pass
DFT-s-OFDM 64 QAM	3470.01	Outer_Full	36.38	39.08	/	Pass
	3500.01	Outer_Full	36.38	39.35	/	Pass
	3529.98	Outer_Full	36.38	38.77	/	Pass
DFT-s-OFDM 256 QAM	3470.01	Outer_Full	36.26	39.69	/	Pass
	3500.01	Outer_Full	36.29	39.46	/	Pass
	3529.98	Outer_Full	36.30	39.97	/	Pass
CP-OFDM QPSK	3470.01	Outer_Full	38.38	46.33	/	Pass
	3500.01	Outer_Full	38.29	48.00	/	Pass
	3529.98	Outer_Full	38.39	47.37	/	Pass
CP-OFDM 16 QAM	3470.01	Outer_Full	38.36	41.11	/	Pass
	3500.01	Outer_Full	38.39	43.49	/	Pass

	3529.98	Outer_Full	38.33	41.93	/	Pass
CP-OFDM 64 QAM	3470.01	Outer_Full	38.42	43.68	/	Pass
	3500.01	Outer_Full	38.41	43.78	/	Pass
	3529.98	Outer_Full	38.43	46.36	/	Pass
CP-OFDM 256 QAM	3470.01	Outer_Full	38.45	47.94	/	Pass
	3500.01	Outer_Full	38.30	46.78	/	Pass
	3529.98	Outer_Full	38.41	46.35	/	Pass

4.1.14 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 QPSK	3475.02	Outer_Full	46.16	54.41	/	Pass
	3500.01	Outer_Full	46.12	54.94	/	Pass
	3525	Outer_Full	46.13	52.67	/	Pass
DFT-s-OFDM 16 QAM	3475.02	Outer_Full	46.22	49.20	/	Pass
	3500.01	Outer_Full	46.12	49.51	/	Pass
	3525	Outer_Full	46.32	50.09	/	Pass
DFT-s-OFDM 64 QAM	3475.02	Outer_Full	46.27	51.01	/	Pass
	3500.01	Outer_Full	46.19	50.02	/	Pass
	3525	Outer_Full	46.31	51.47	/	Pass
DFT-s-OFDM 256 QAM	3475.02	Outer_Full	46.23	52.95	/	Pass
	3500.01	Outer_Full	46.02	50.48	/	Pass
	3525	Outer_Full	46.13	52.49	/	Pass
CP-OFDM QPSK	3475.02	Outer_Full	48.02	52.27	/	Pass
	3500.01	Outer_Full	47.88	51.56	/	Pass
	3525	Outer_Full	47.93	53.74	/	Pass
CP-OFDM 16 QAM	3475.02	Outer_Full	47.85	52.80	/	Pass
	3500.01	Outer_Full	47.81	54.60	/	Pass
	3525	Outer_Full	47.95	52.90	/	Pass
CP-OFDM 64 QAM	3475.02	Outer_Full	48.12	51.49	/	Pass
	3500.01	Outer_Full	47.79	51.17	/	Pass
	3525	Outer_Full	47.90	51.96	/	Pass
CP-OFDM 256 QAM	3475.02	Outer_Full	47.79	50.89	/	Pass
	3500.01	Outer_Full	47.75	50.98	/	Pass
	3525	Outer_Full	47.80	51.09	/	Pass

4.1.15 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 QPSK	3480	Outer_Full	58.46	62.88	/	Pass
	3500.01	Outer_Full	58.37	62.27	/	Pass
	3519.99	Outer_Full	58.55	63.20	/	Pass
DFT-s-OFDM 16 QAM	3480	Outer_Full	58.36	62.16	/	Pass
	3500.01	Outer_Full	58.43	62.43	/	Pass
	3519.99	Outer_Full	58.37	62.29	/	Pass
DFT-s-OFDM 64 QAM	3480	Outer_Full	58.53	63.86	/	Pass
	3500.01	Outer_Full	58.34	63.86	/	Pass
	3519.99	Outer_Full	58.53	63.85	/	Pass
DFT-s-OFDM 256 QAM	3480	Outer_Full	58.36	66.39	/	Pass
	3500.01	Outer_Full	58.27	63.89	/	Pass
	3519.99	Outer_Full	58.33	63.75	/	Pass

CP-OFDM QPSK	3480	Outer_Full	58.38	68.87	/	Pass
	3500.01	Outer_Full	58.22	67.92	/	Pass
	3519.99	Outer_Full	58.38	69.66	/	Pass
CP-OFDM 16 QAM	3480	Outer_Full	58.25	62.25	/	Pass
	3500.01	Outer_Full	58.15	62.37	/	Pass
	3519.99	Outer_Full	58.26	62.36	/	Pass
CP-OFDM 64 QAM	3480	Outer_Full	58.57	62.59	/	Pass
	3500.01	Outer_Full	58.43	63.74	/	Pass
	3519.99	Outer_Full	58.42	62.43	/	Pass
CP-OFDM 256 QAM	3480	Outer_Full	58.34	62.20	/	Pass
	3500.01	Outer_Full	58.23	68.35	/	Pass
	3519.99	Outer_Full	58.22	67.69	/	Pass

4.1.16 30k_SISO_70MHz_NTNV

5G NR n77d SCS=30kHz SISO 70MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3485.01	Outer_Full	65.26	70.16	/	Pass
	3500.01	Outer_Full	65.14	70.29	/	Pass
	3514.98	Outer_Full	65.26	69.74	/	Pass
DFT-s-OFDM 16 QAM	3485.01	Outer_Full	65.44	75.33	/	Pass
	3500.01	Outer_Full	65.30	75.31	/	Pass
	3514.98	Outer_Full	65.11	79.54	/	Pass
DFT-s-OFDM 64 QAM	3485.01	Outer_Full	65.56	69.78	/	Pass
	3500.01	Outer_Full	65.44	70.95	/	Pass
	3514.98	Outer_Full	65.04	69.77	/	Pass
DFT-s-OFDM 256 QAM	3485.01	Outer_Full	65.36	74.06	/	Pass
	3500.01	Outer_Full	65.27	76.10	/	Pass
	3514.98	Outer_Full	65.03	69.52	/	Pass
CP-OFDM QPSK	3485.01	Outer_Full	68.67	76.19	/	Pass
	3500.01	Outer_Full	68.41	73.20	/	Pass
	3514.98	Outer_Full	68.41	73.04	/	Pass
CP-OFDM 16 QAM	3485.01	Outer_Full	68.42	74.75	/	Pass
	3500.01	Outer_Full	68.60	73.26	/	Pass
	3514.98	Outer_Full	68.27	72.72	/	Pass
CP-OFDM 64 QAM	3485.01	Outer_Full	68.57	74.35	/	Pass
	3500.01	Outer_Full	68.37	72.94	/	Pass
	3514.98	Outer_Full	68.35	72.69	/	Pass
CP-OFDM 256 QAM	3485.01	Outer_Full	68.44	73.63	/	Pass
	3500.01	Outer_Full	68.33	73.88	/	Pass
	3514.98	Outer_Full	68.24	72.84	/	Pass

4.1.17 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 QPSK	3490.02	Outer_Full	77.71	83.16	/	Pass
	3500.01	Outer_Full	77.81	82.72	/	Pass
	3510	Outer_Full	77.62	82.94	/	Pass
DFT-s-OFDM 16 QAM	3490.02	Outer_Full	77.81	83.26	/	Pass
	3500.01	Outer_Full	77.65	83.06	/	Pass
	3510	Outer_Full	77.44	82.95	/	Pass
DFT-s-OFDM 64 QAM	3490.02	Outer_Full	77.87	84.89	/	Pass

DFT-s-OFDM 256 QAM	3500.01	Outer_Full	77.89	82.17	/	Pass
	3510	Outer_Full	77.52	83.12	/	Pass
	3490.02	Outer_Full	77.84	83.52	/	Pass
	3500.01	Outer_Full	77.77	82.68	/	Pass
CP-OFDM QPSK	3510	Outer_Full	77.61	82.44	/	Pass
	3490.02	Outer_Full	78.16	87.42	/	Pass
	3500.01	Outer_Full	78.22	83.21	/	Pass
	3510	Outer_Full	78.06	83.18	/	Pass
CP-OFDM 16 QAM	3490.02	Outer_Full	78.14	83.23	/	Pass
	3500.01	Outer_Full	78.08	82.79	/	Pass
	3510	Outer_Full	78.24	82.99	/	Pass
	3490.02	Outer_Full	78.32	84.76	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	77.90	83.15	/	Pass
	3510	Outer_Full	78.01	83.27	/	Pass
	3490.02	Outer_Full	78.16	83.29	/	Pass
	3500.01	Outer_Full	77.87	83.27	/	Pass
CP-OFDM 256 QAM	3510	Outer_Full	78.19	84.37	/	Pass

4.1.18 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 QPSK	3495	Outer_Full	87.37	93.06	/	Pass
	3500.01	Outer_Full	87.39	92.58	/	Pass
	3504.99	Outer_Full	87.28	100.99	/	Pass
DFT-s-OFDM 16 QAM	3495	Outer_Full	87.08	92.72	/	Pass
	3500.01	Outer_Full	86.94	93.95	/	Pass
	3504.99	Outer_Full	86.88	94.89	/	Pass
DFT-s-OFDM 64 QAM	3495	Outer_Full	86.99	92.93	/	Pass
	3500.01	Outer_Full	87.33	93.09	/	Pass
	3504.99	Outer_Full	87.27	93.16	/	Pass
DFT-s-OFDM 256 QAM	3495	Outer_Full	87.44	93.08	/	Pass
	3500.01	Outer_Full	87.38	103.44	/	Pass
	3504.99	Outer_Full	87.74	94.20	/	Pass
CP-OFDM QPSK	3495	Outer_Full	87.96	93.77	/	Pass
	3500.01	Outer_Full	87.95	98.77	/	Pass
	3504.99	Outer_Full	88.01	96.16	/	Pass
CP-OFDM 16 QAM	3495	Outer_Full	88.48	93.55	/	Pass
	3500.01	Outer_Full	87.97	93.71	/	Pass
	3504.99	Outer_Full	88.26	98.56	/	Pass
CP-OFDM 64 QAM	3495	Outer_Full	87.57	93.48	/	Pass
	3500.01	Outer_Full	87.93	93.42	/	Pass
	3504.99	Outer_Full	88.10	95.61	/	Pass
CP-OFDM 256 QAM	3495	Outer_Full	87.88	93.91	/	Pass
	3500.01	Outer_Full	87.96	94.16	/	Pass
	3504.99	Outer_Full	87.71	93.33	/	Pass

4.1.19 30k_SISO_100MHz_NTNV

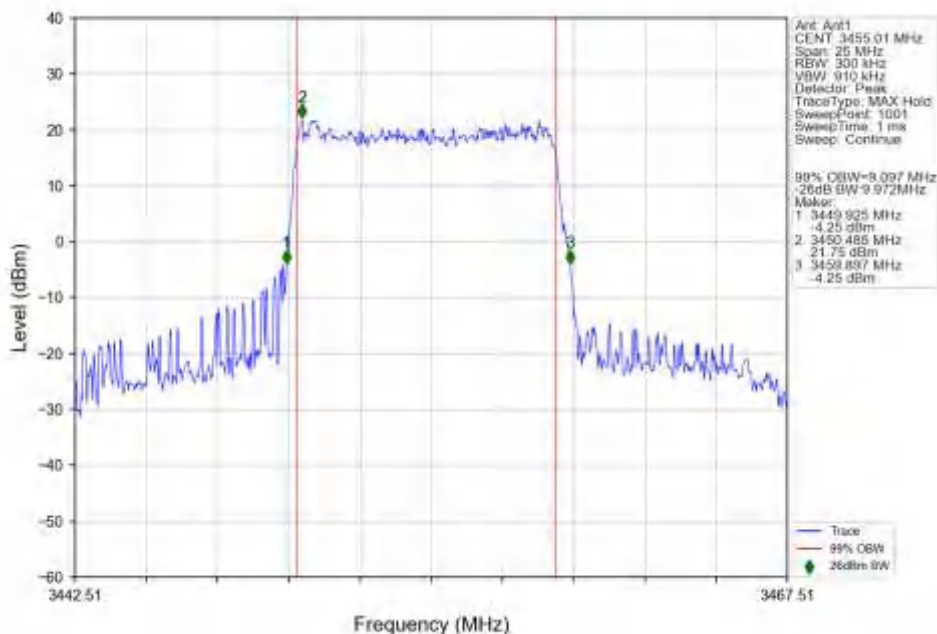
5G NR n77d SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3500.01	Outer_Full	96.78	102.93	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	96.93	103.40	/	Pass

DFT-s-OFDM 64 QAM	3500.01	Outer_Full	96.88	103.24	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	96.48	103.42	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	97.79	104.63	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	98.00	104.14	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	97.85	104.19	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	97.49	103.92	/	Pass

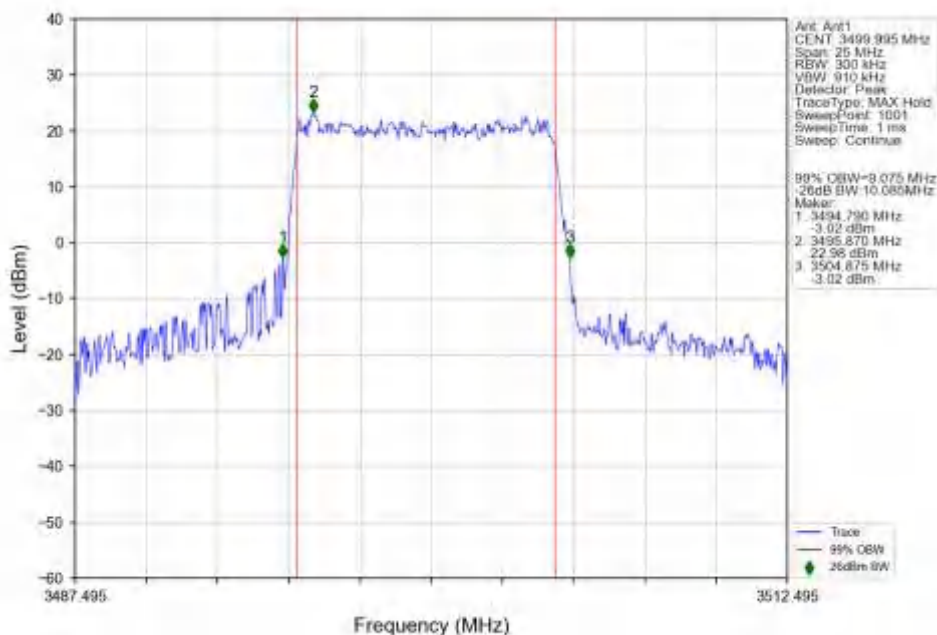
4.2 Test Graph

4.2.1 15k_SISO_10MHz_NTNV

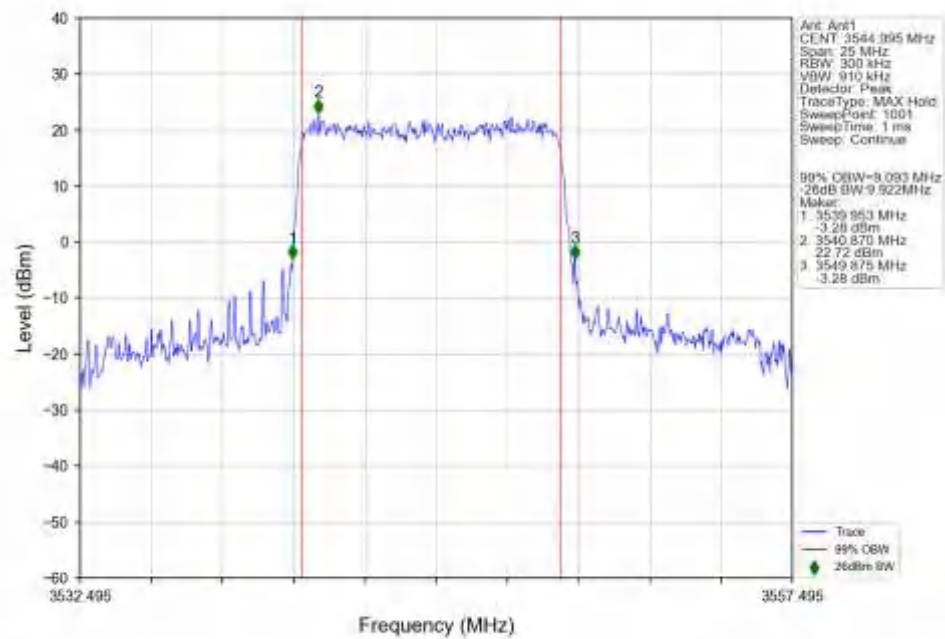
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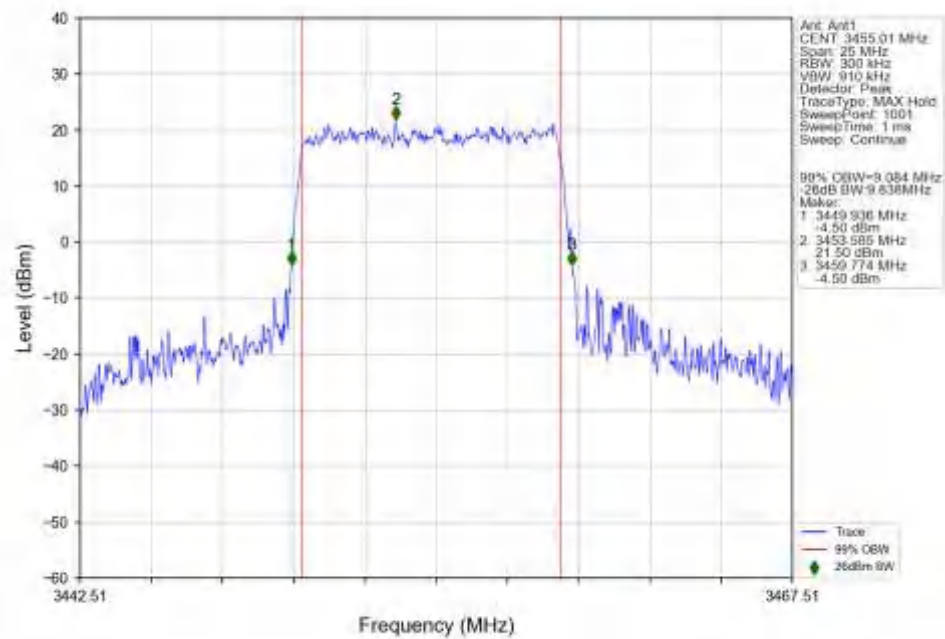
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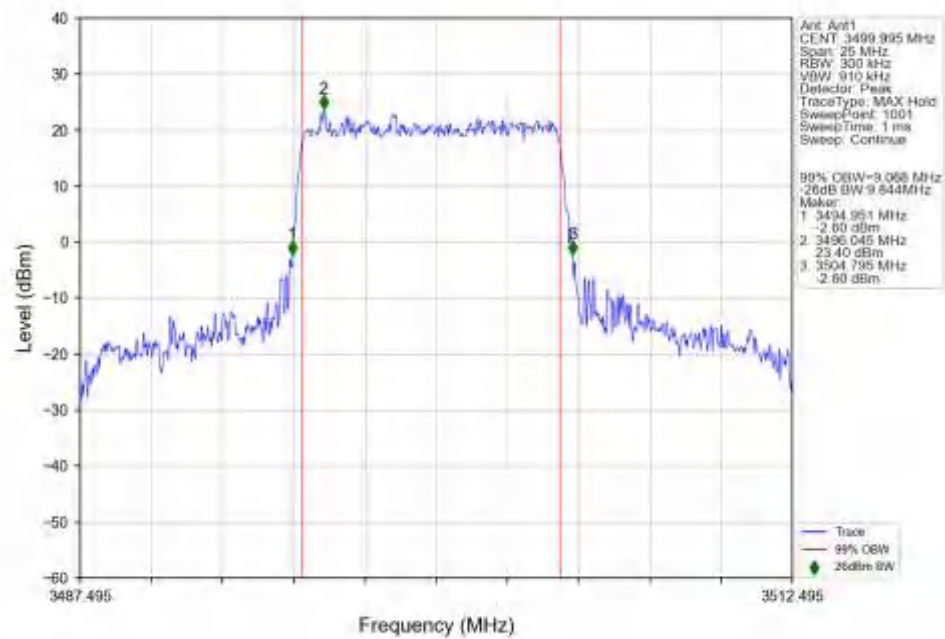
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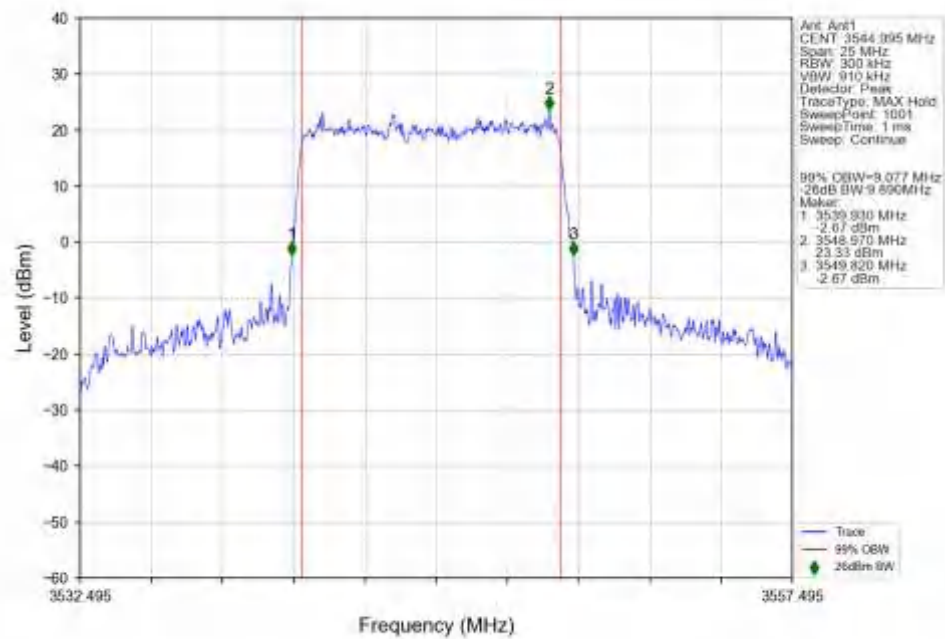
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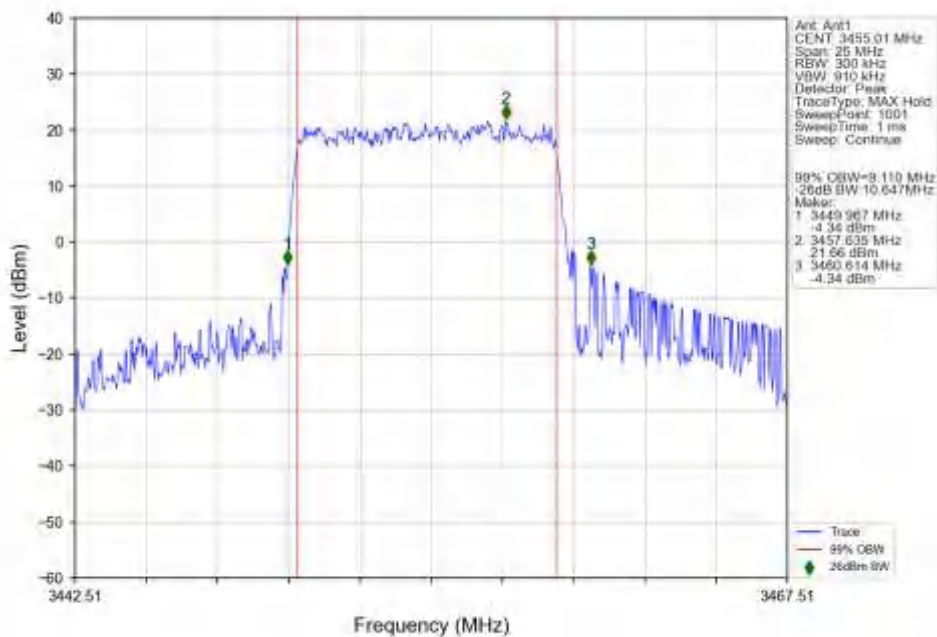
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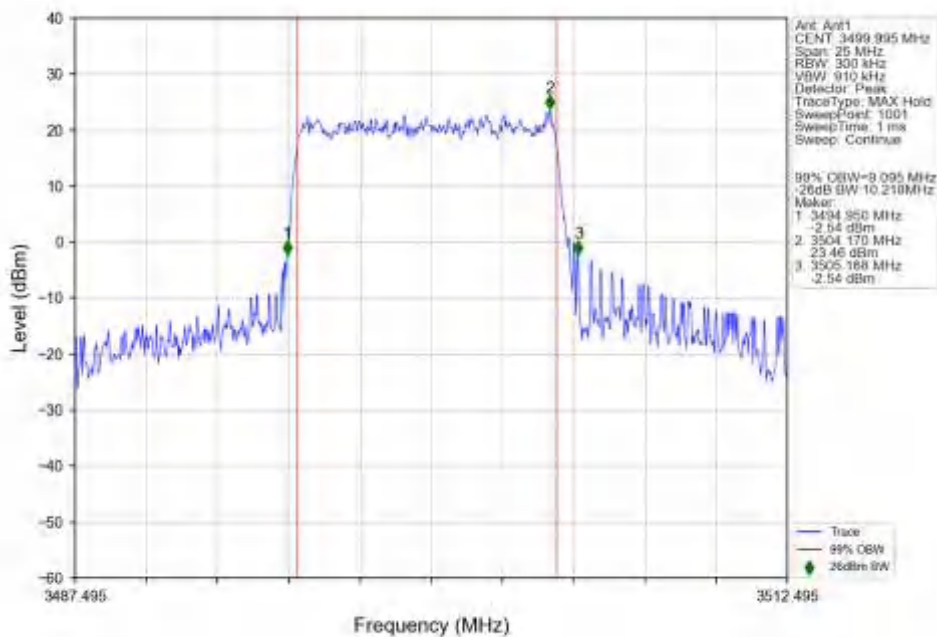
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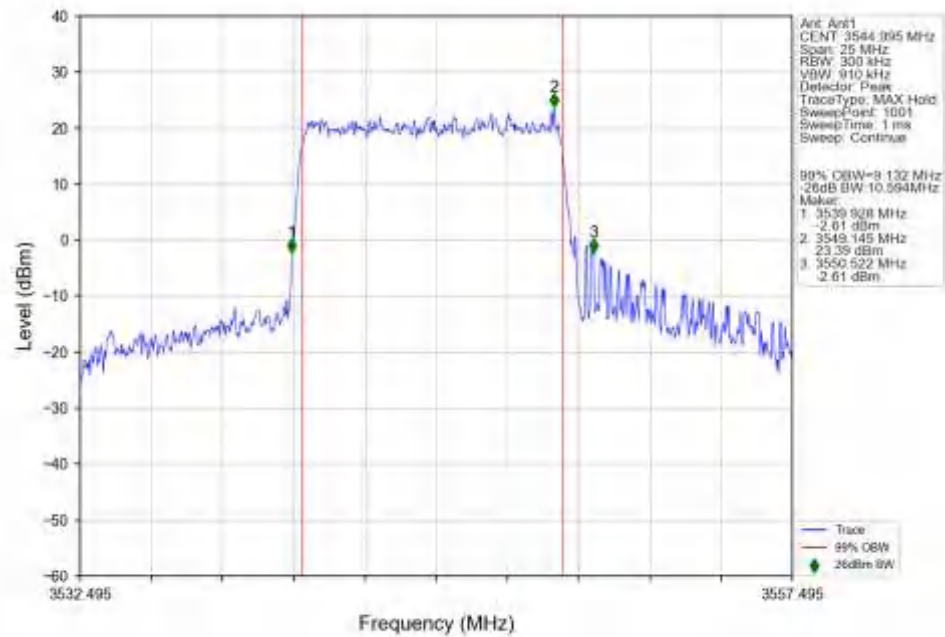
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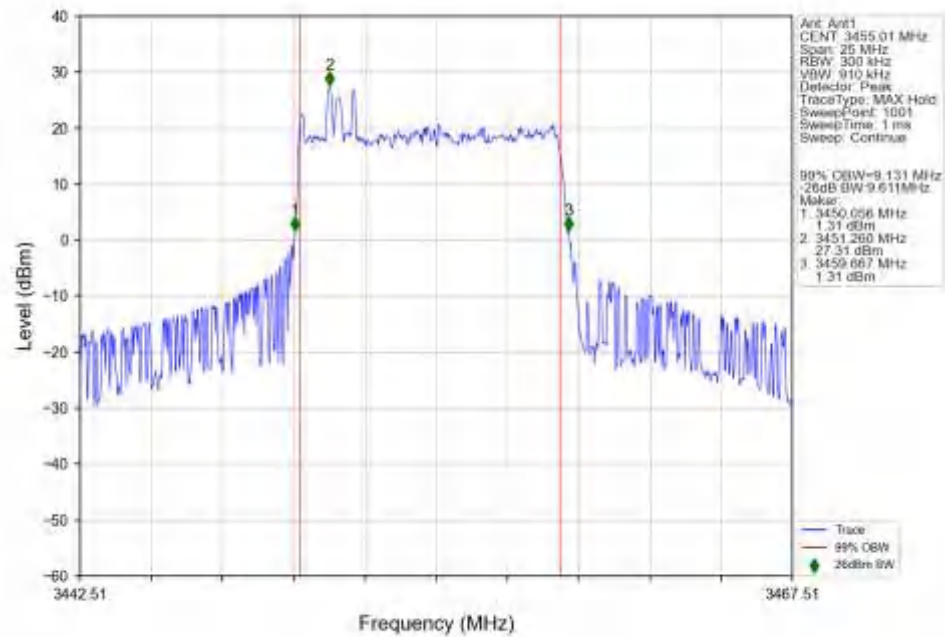
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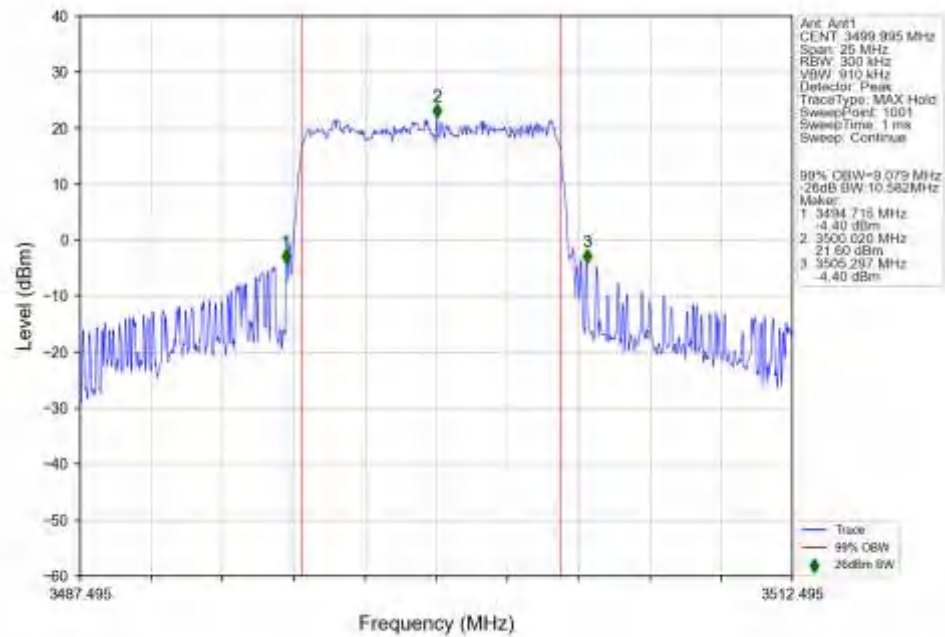
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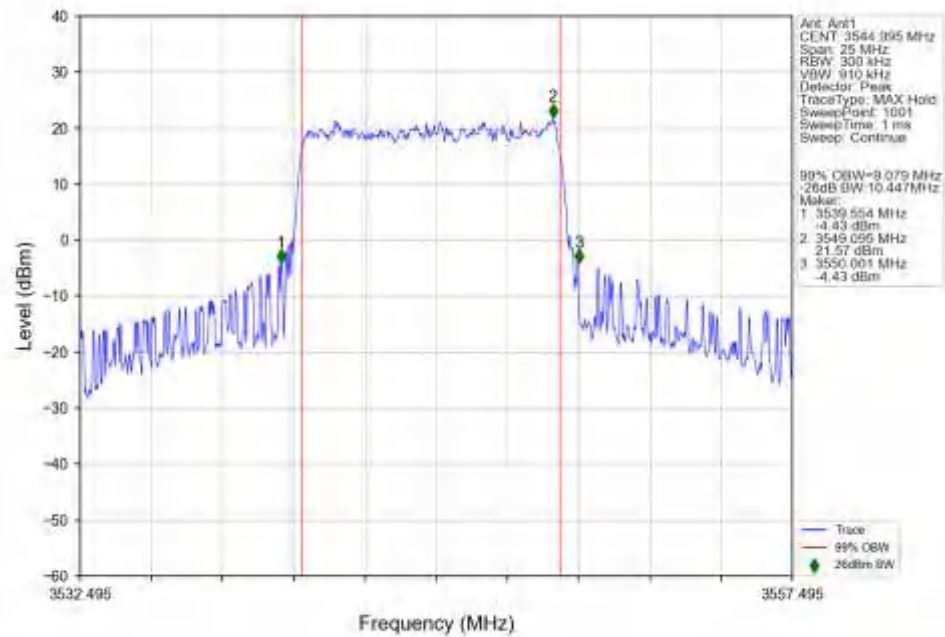
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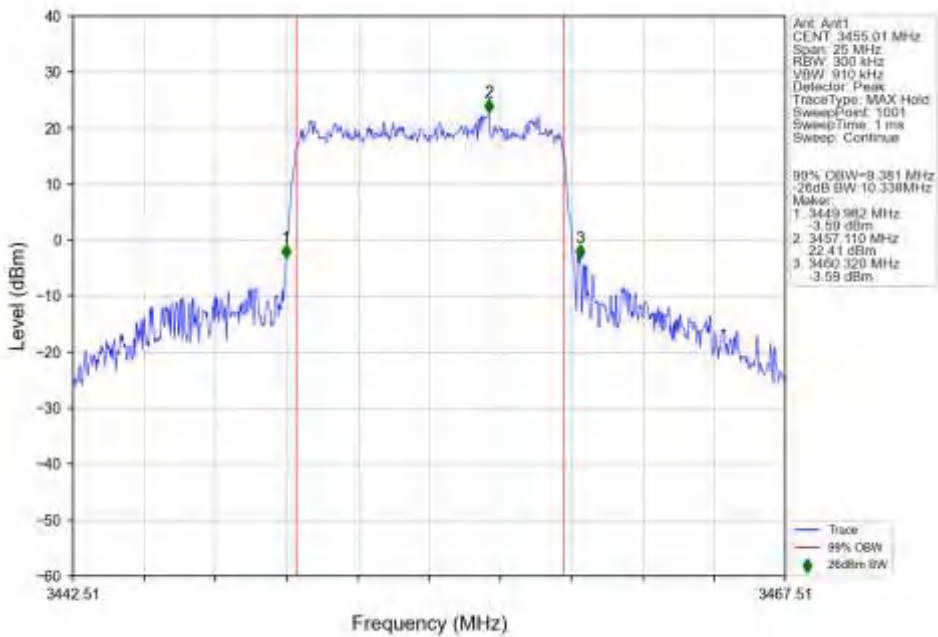
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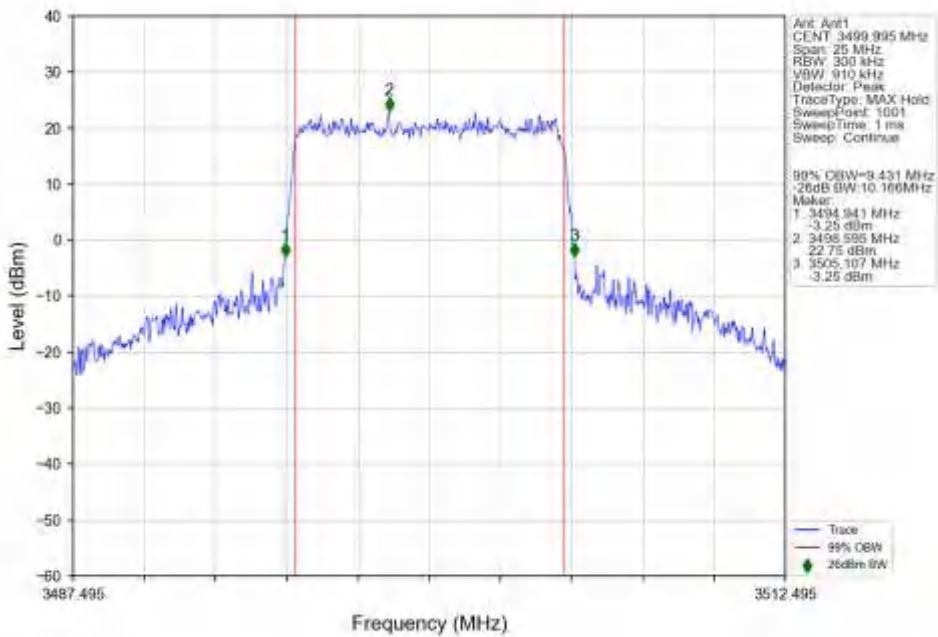
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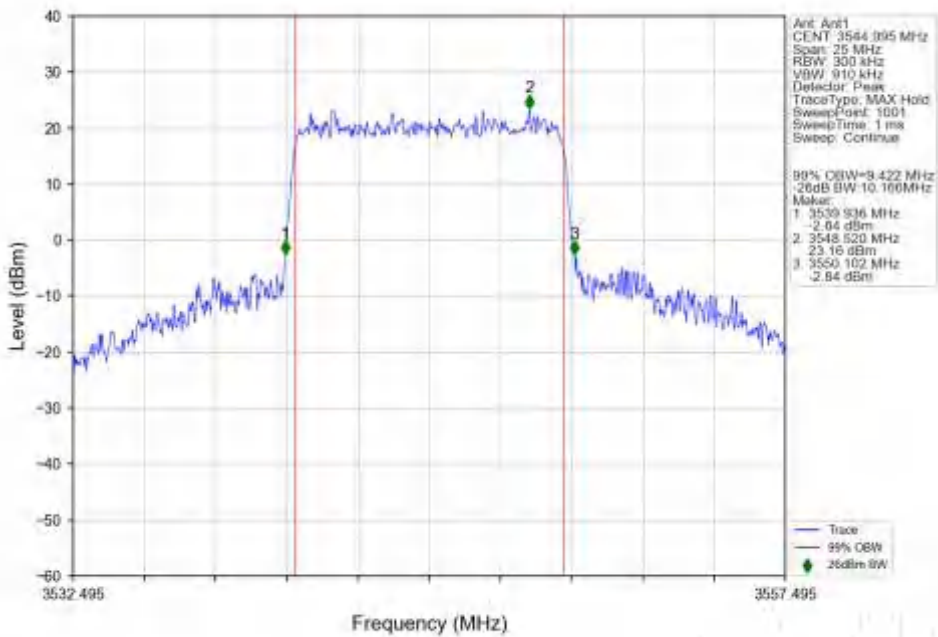
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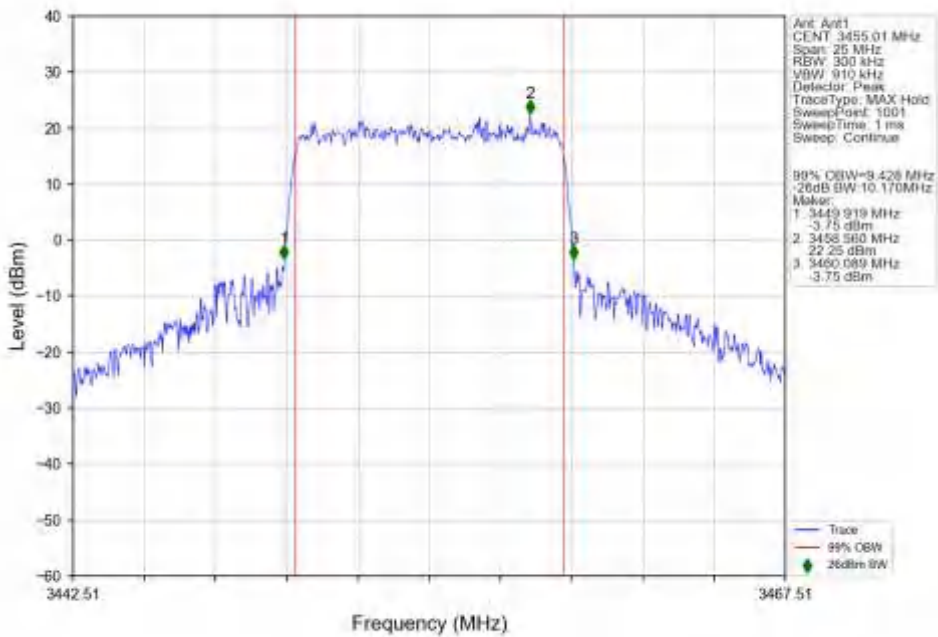
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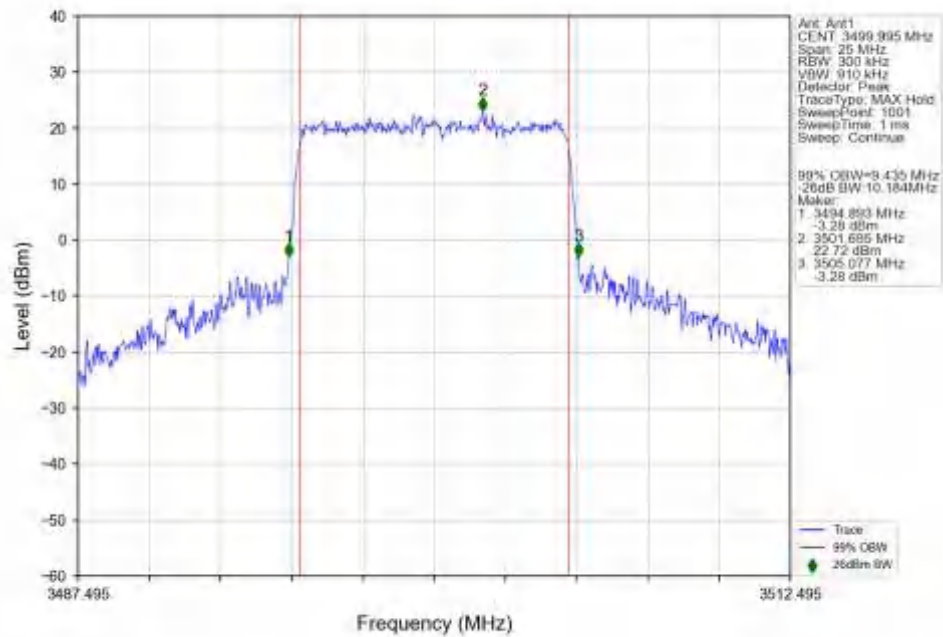
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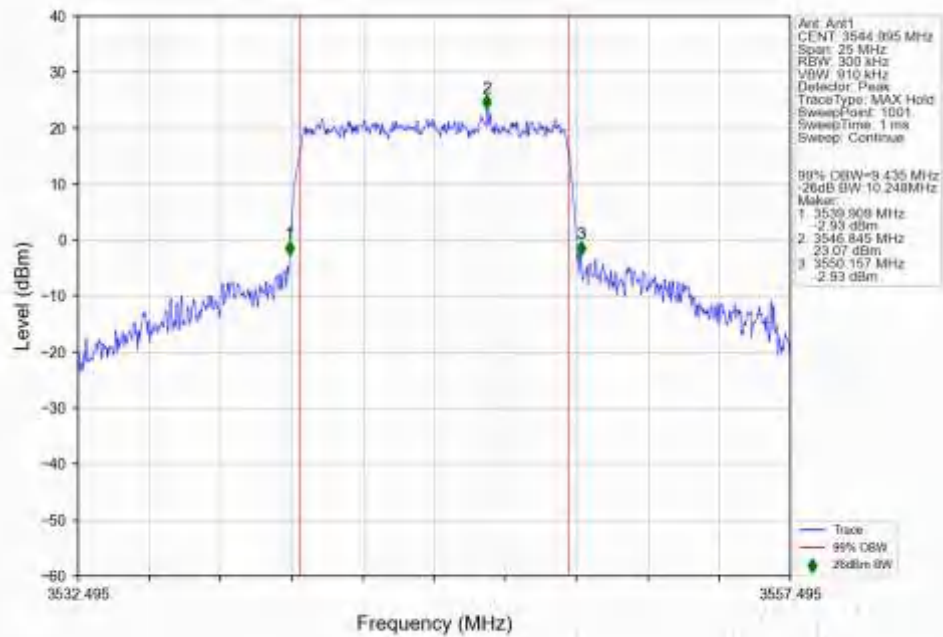
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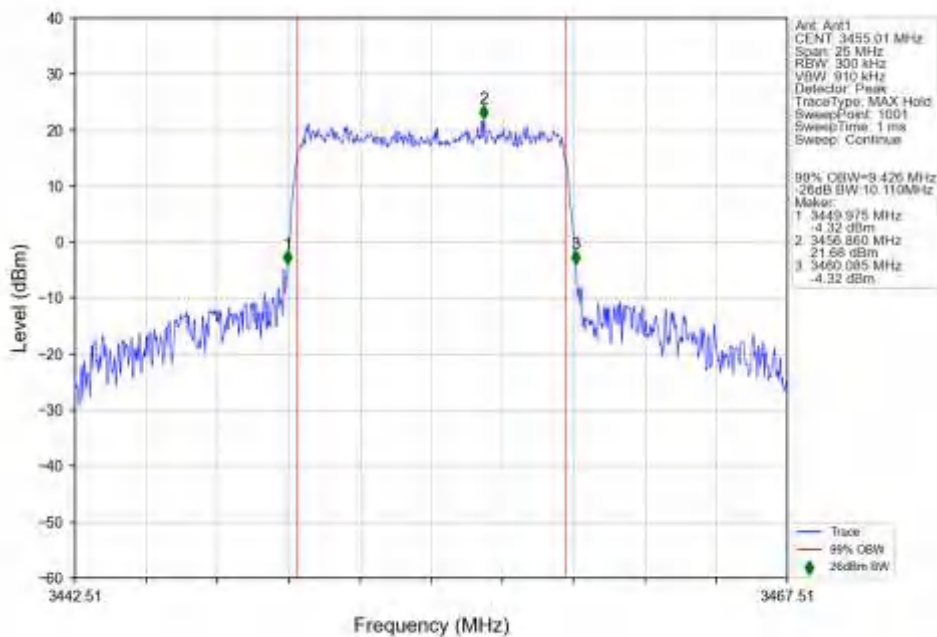
n77d_15kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_3499.995MHz_Outer_Full_Ant1



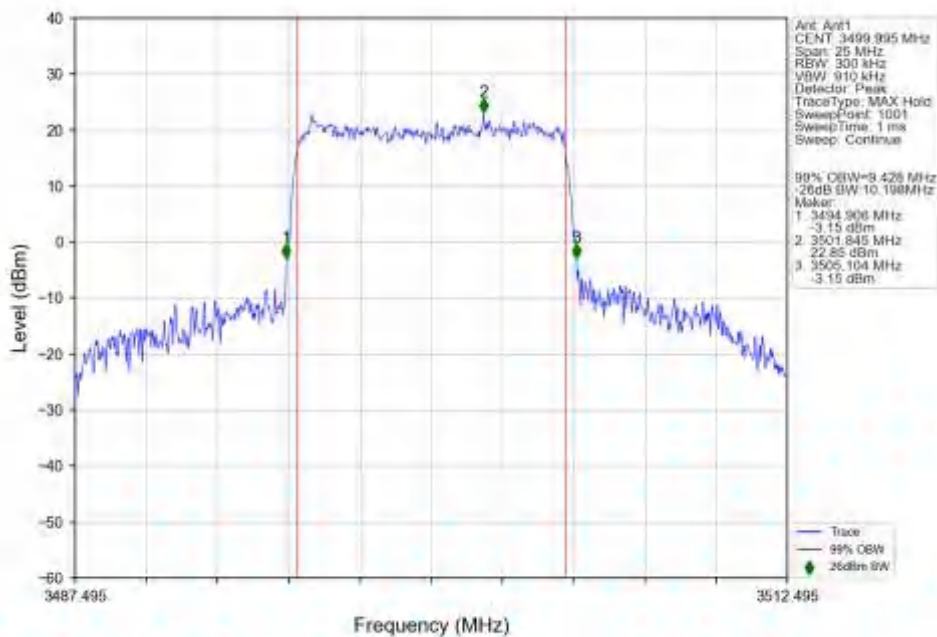
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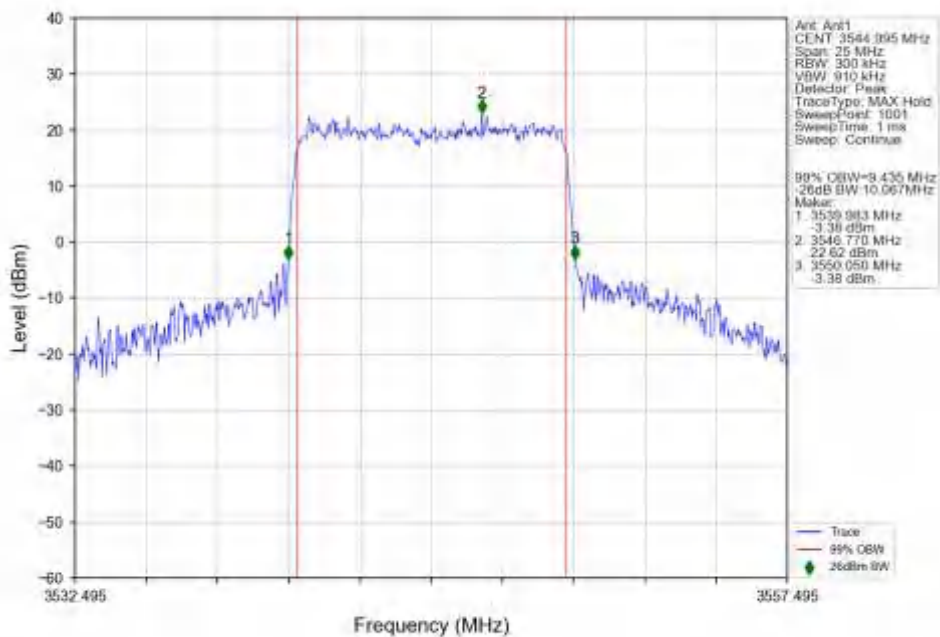
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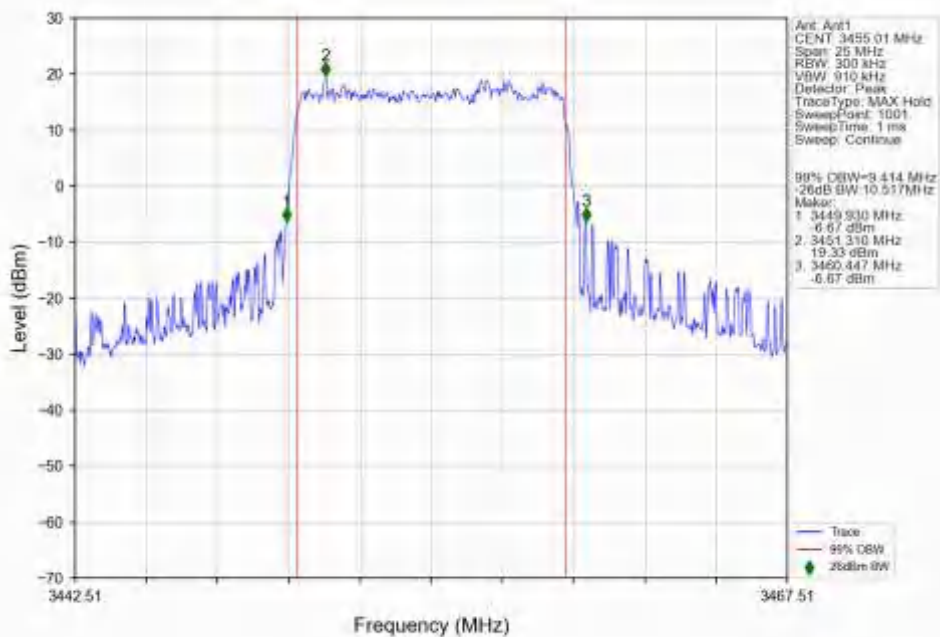
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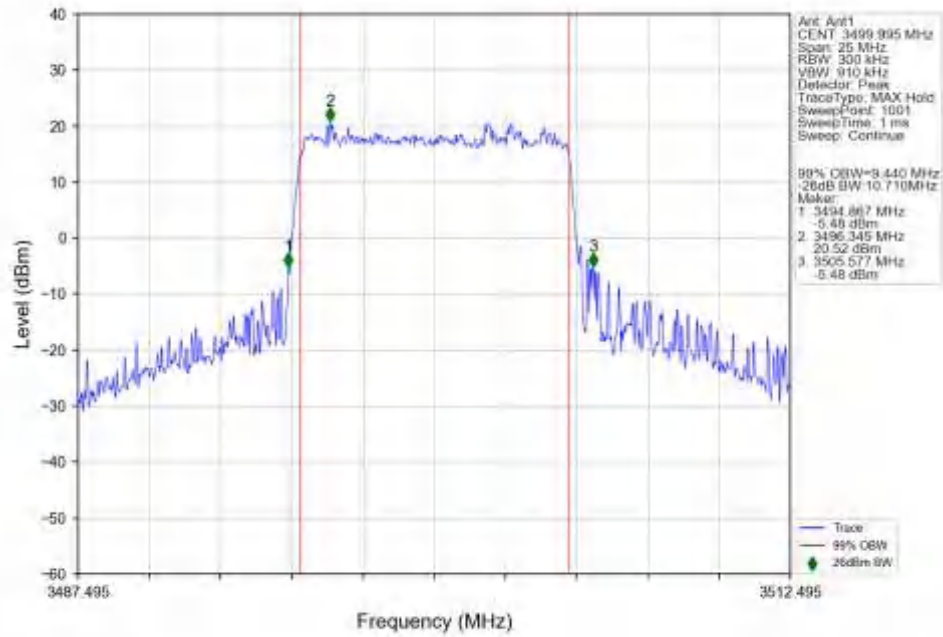
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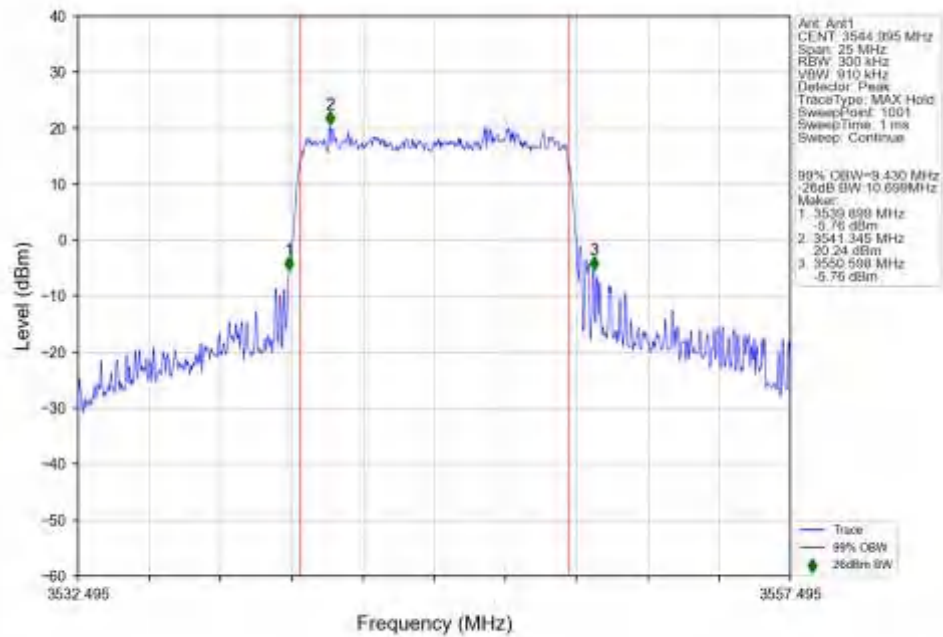
n77d_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3455.01MHz_Outer_Full_Ant1



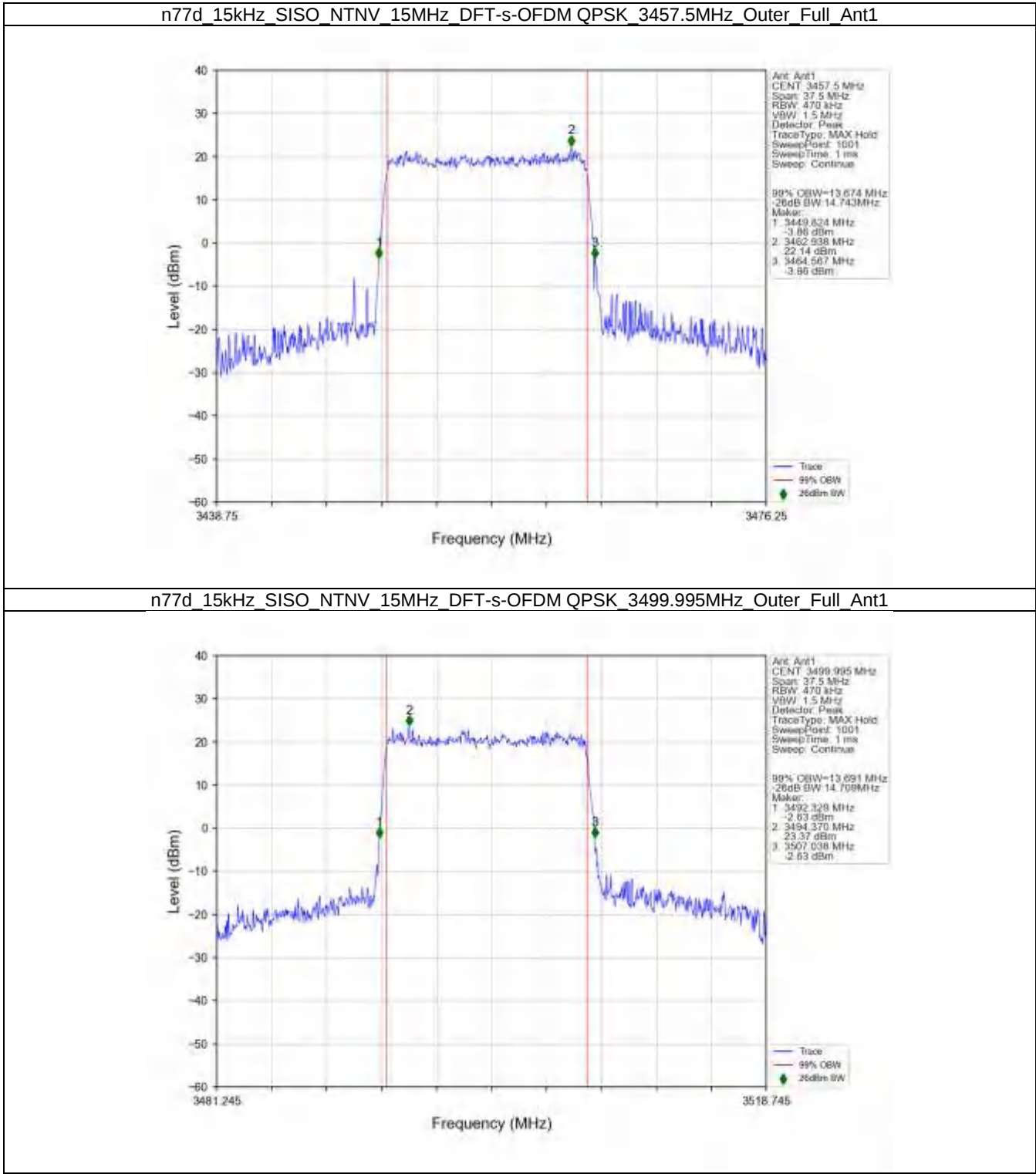
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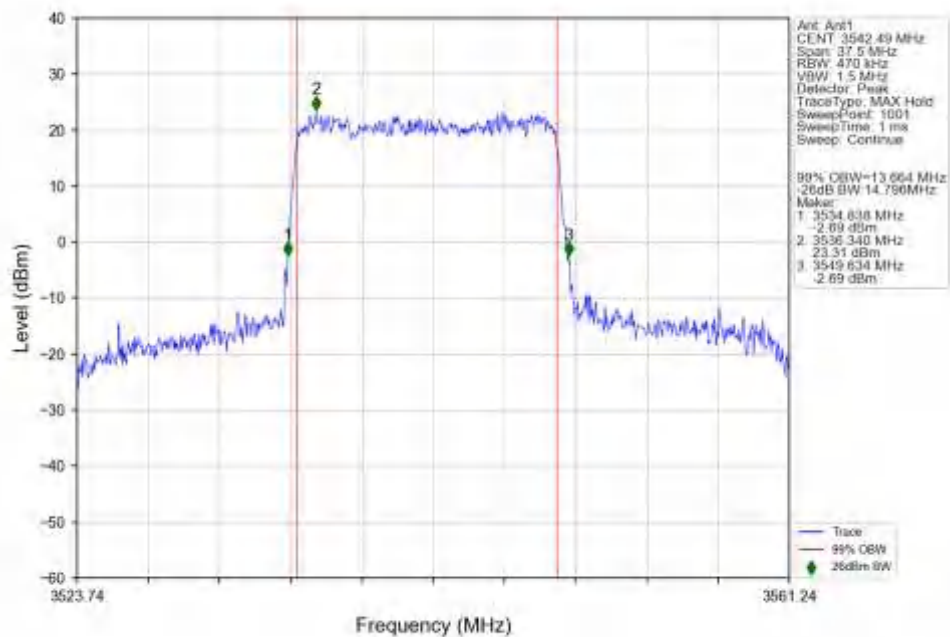
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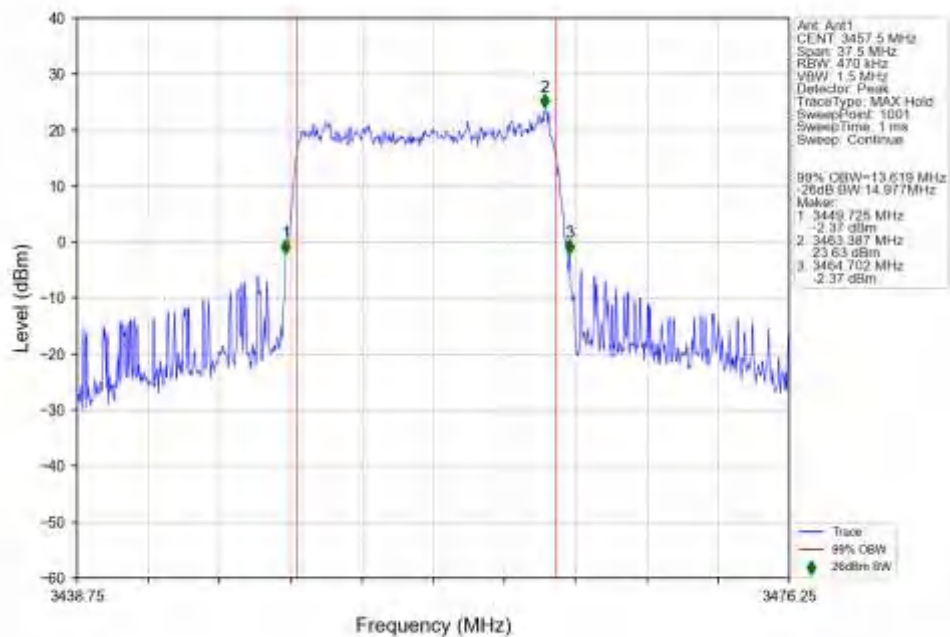
4.2.2 15k_SISO_15MHz_NTNV



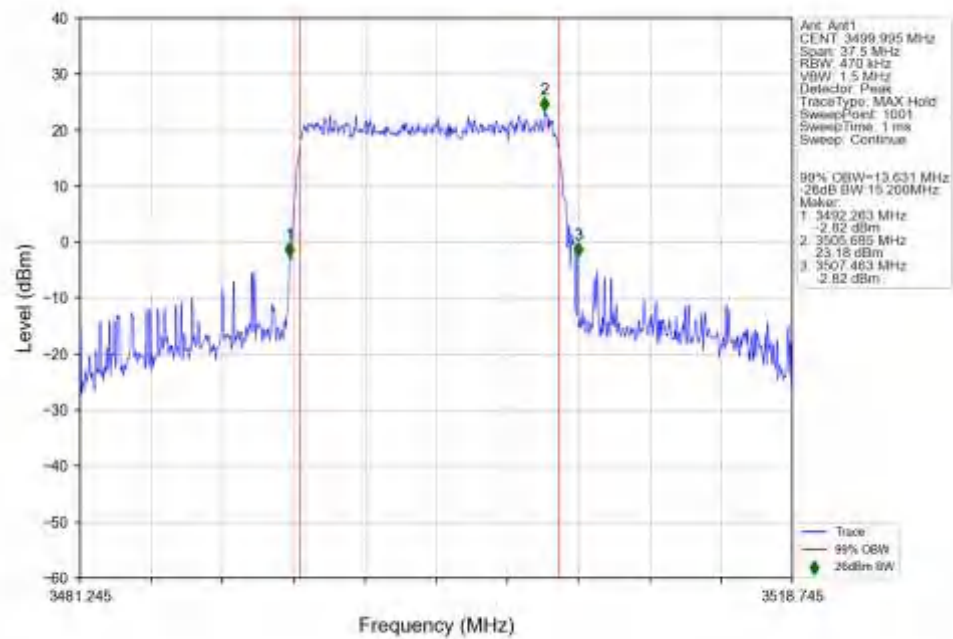
n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_3542.49MHz_Outer_Full_Ant1



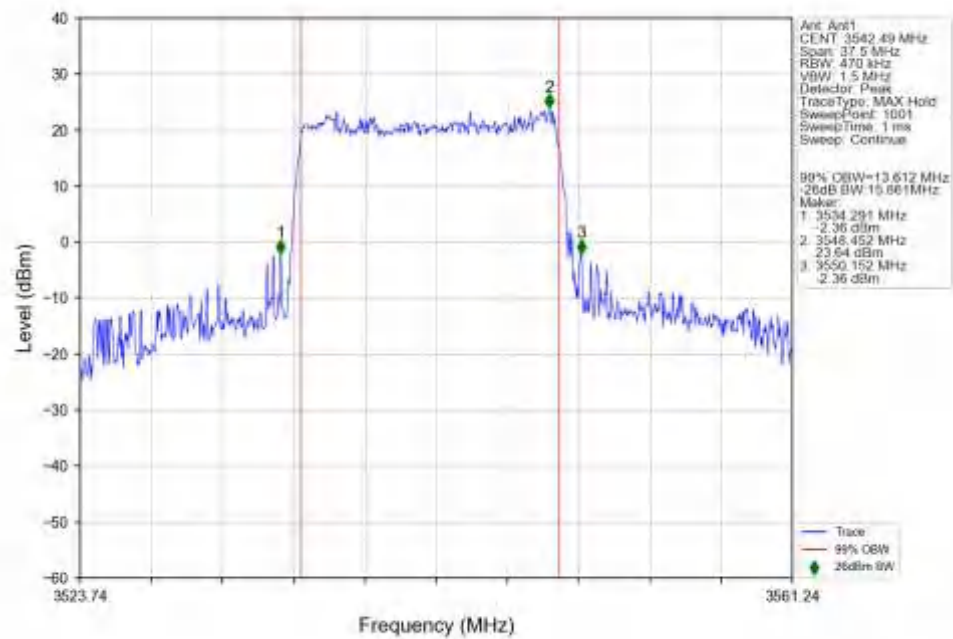
n77d_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_3457.5MHz_Outer_Full_Ant1



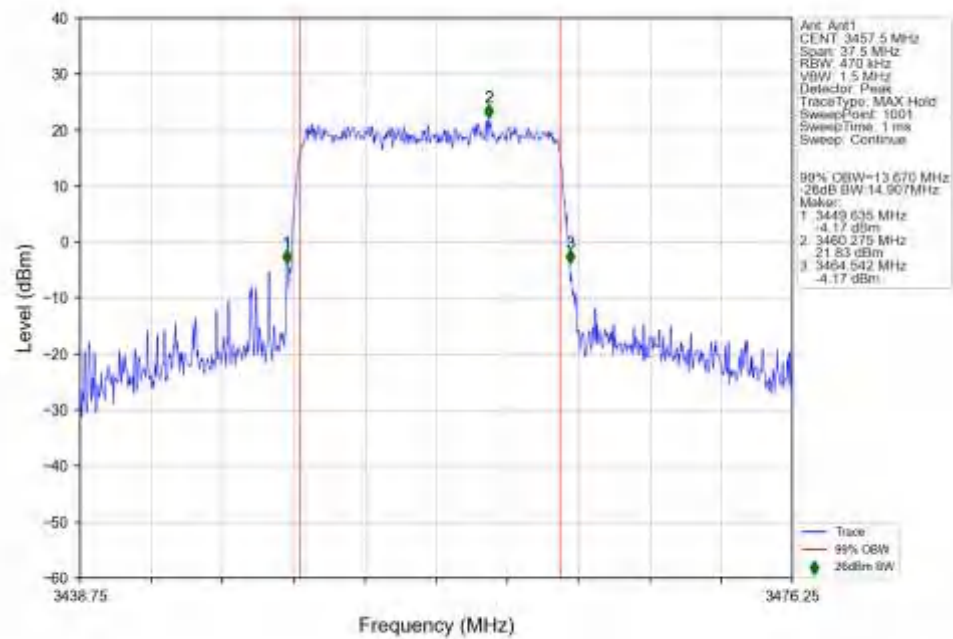
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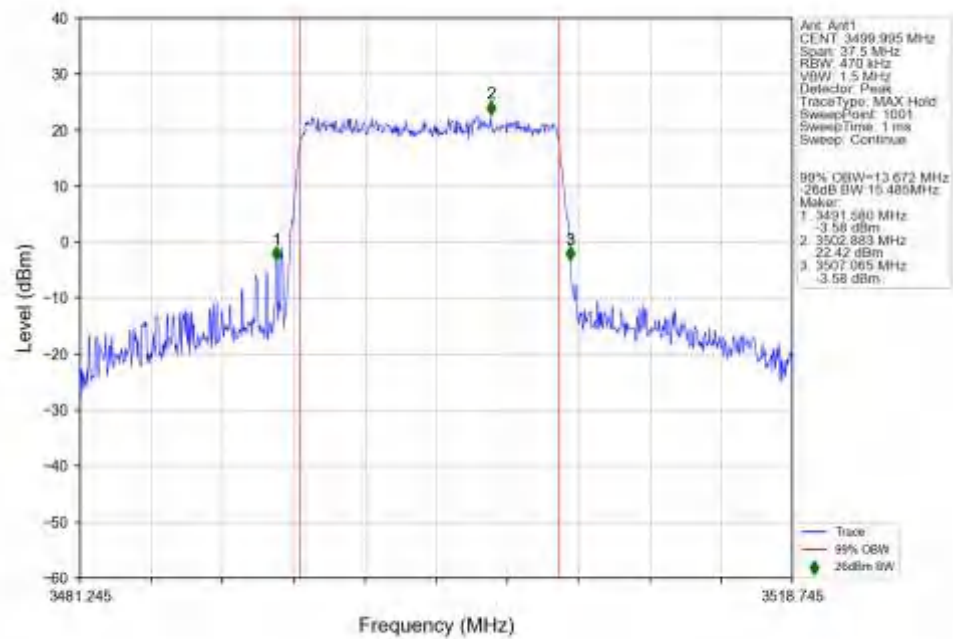
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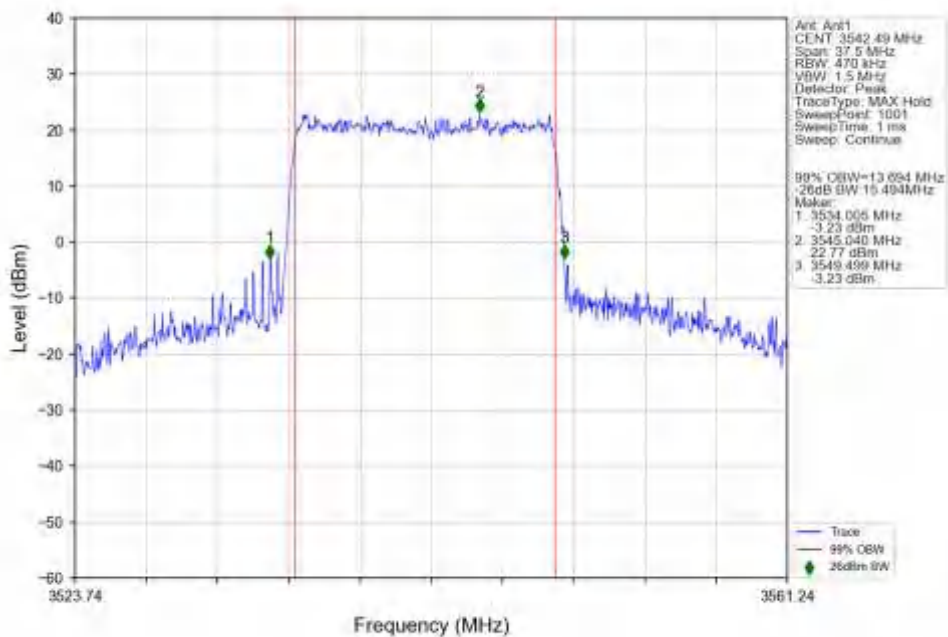
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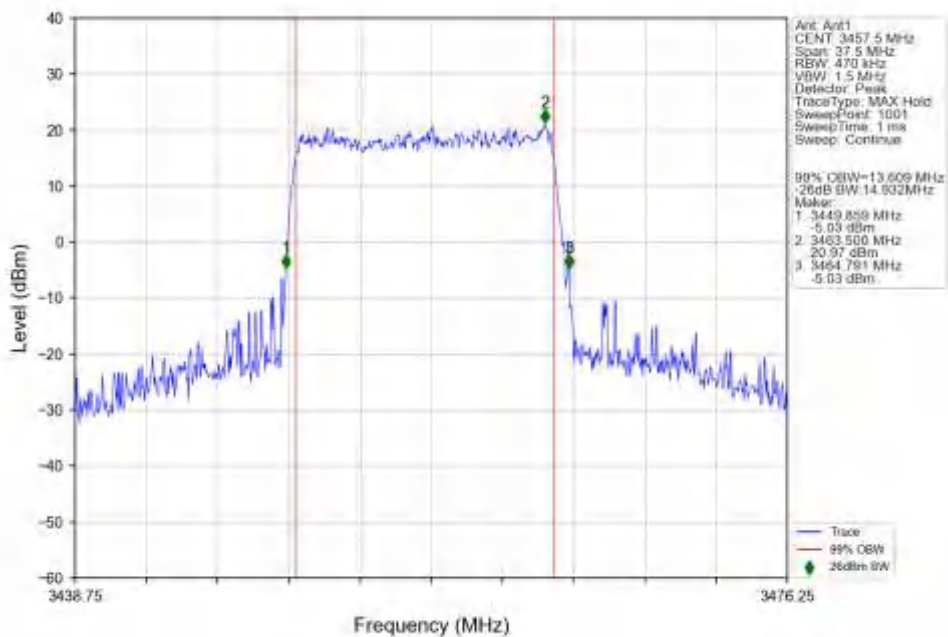
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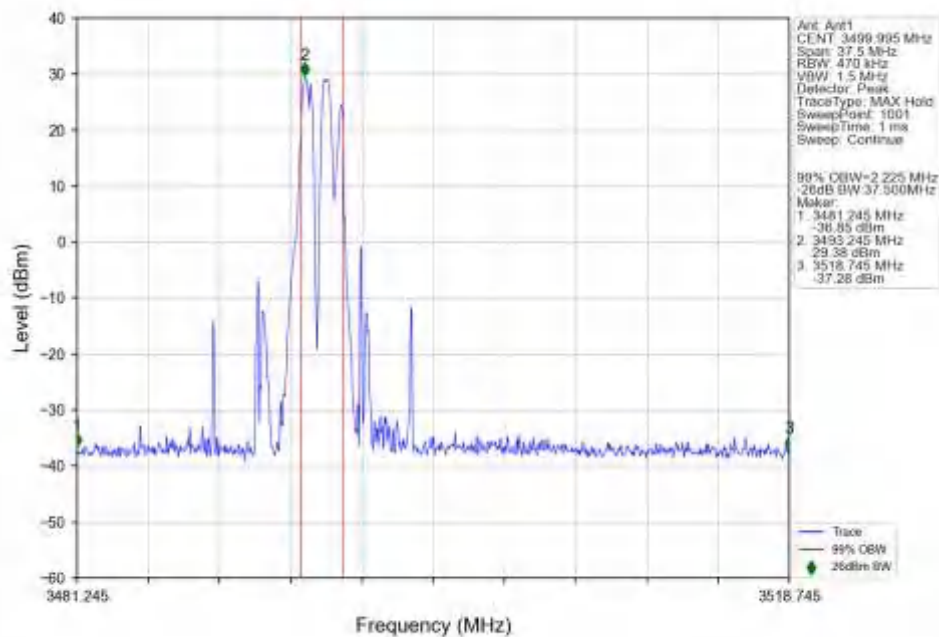
n77d 15kHz SISO_NTNV_15MHz DFT-s-OFDM 64 QAM 3542.49MHz Outer Full Ant1



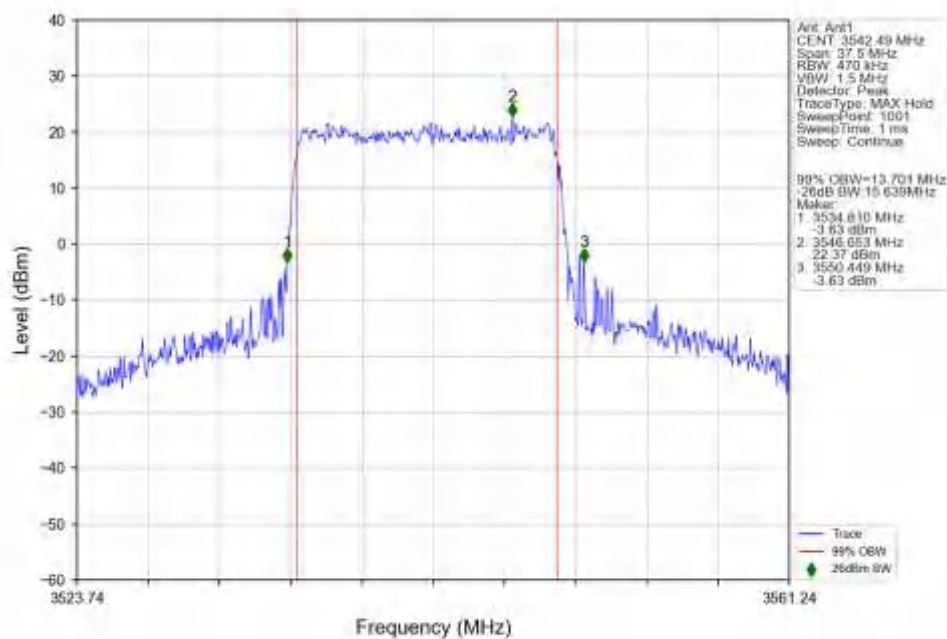
n77d 15kHz SISO_NTNV_15MHz DFT-s-OFDM 256 QAM 3457.5MHz Outer Full Ant1



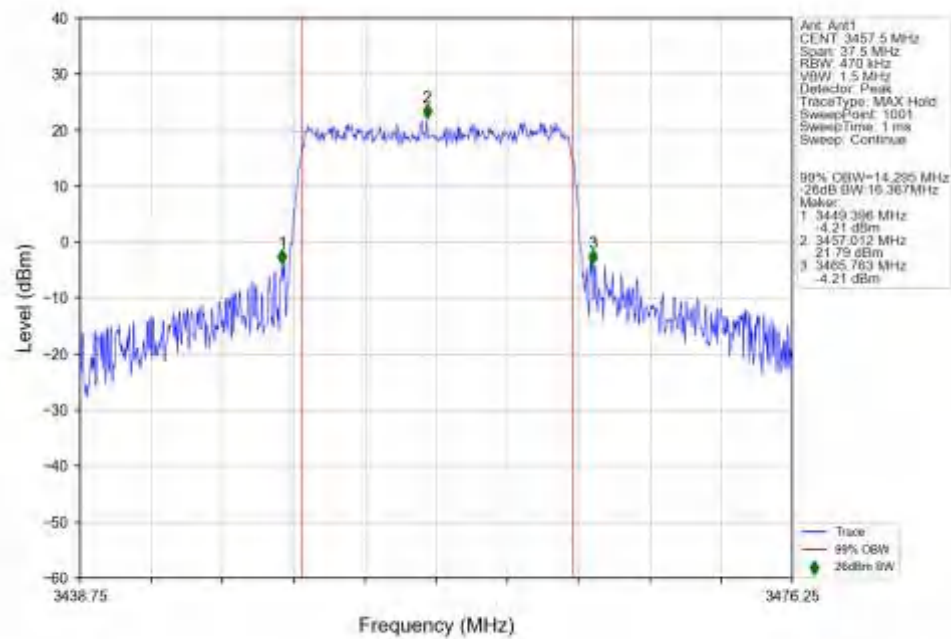
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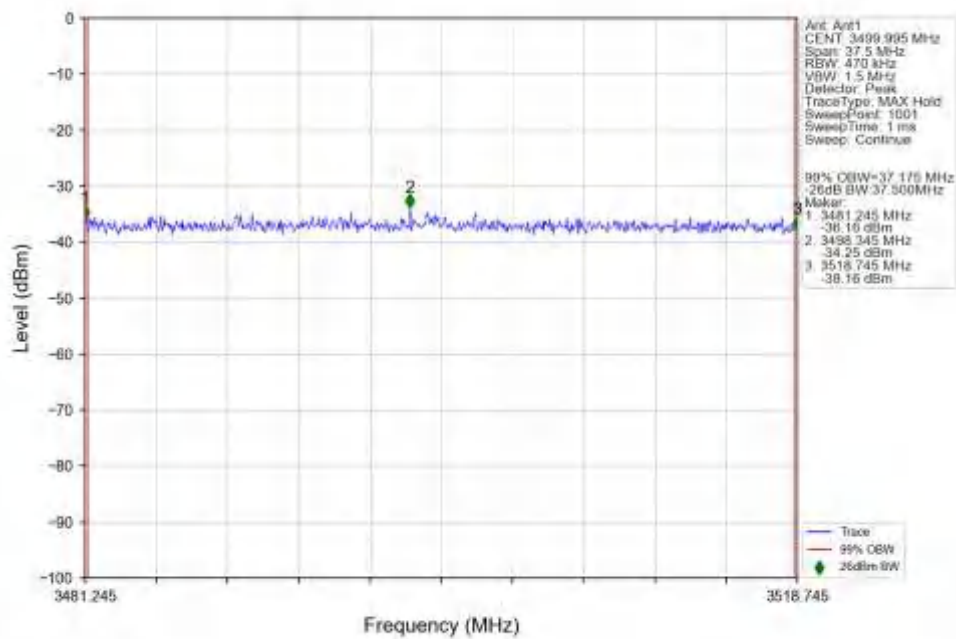
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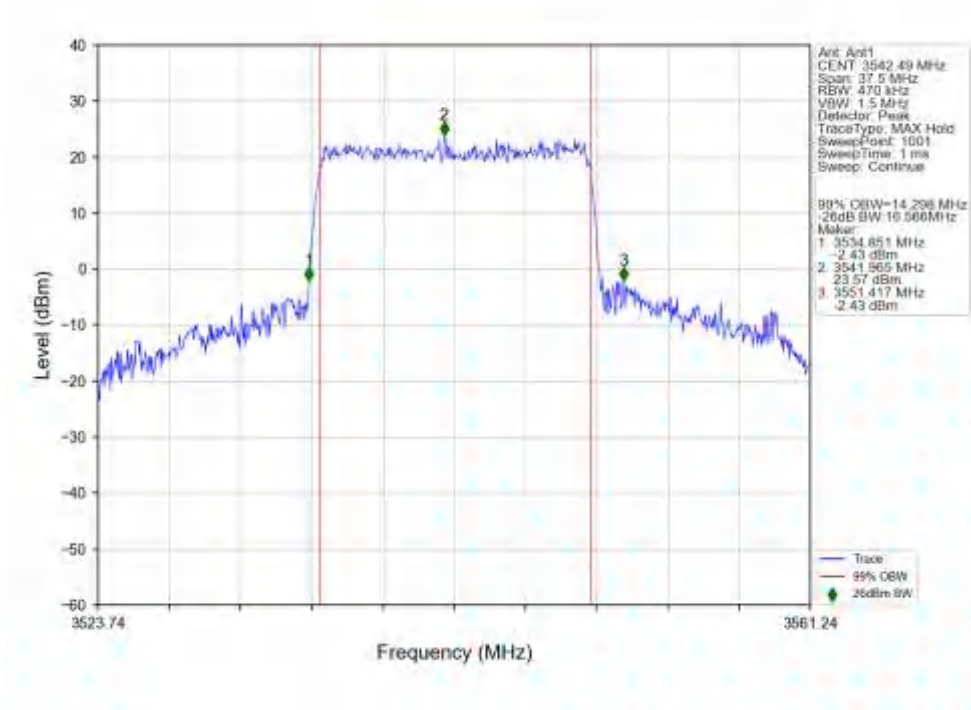
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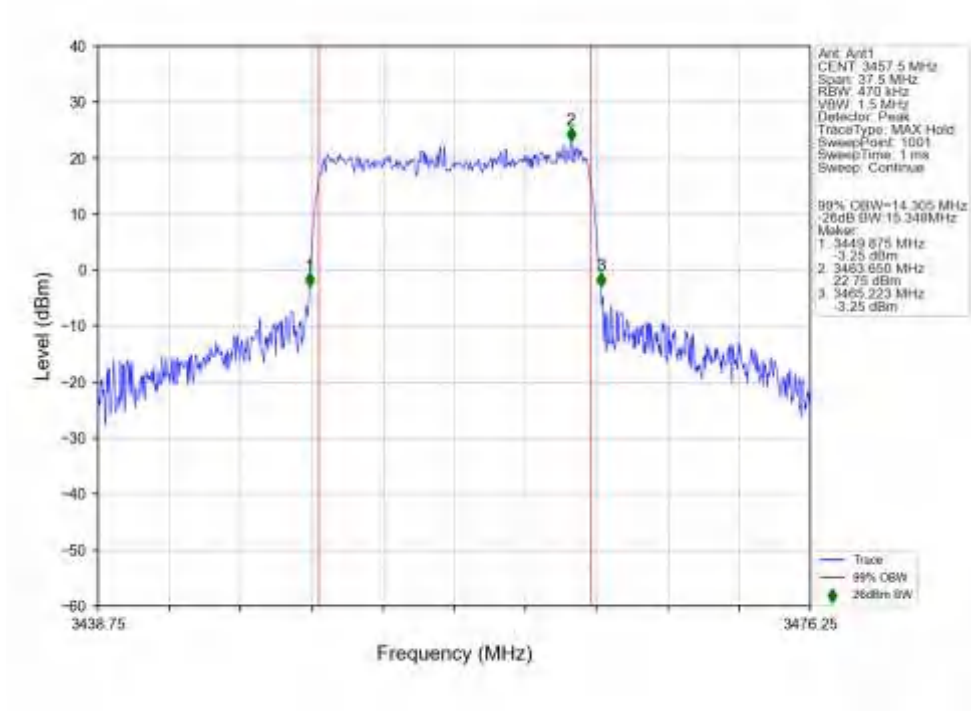
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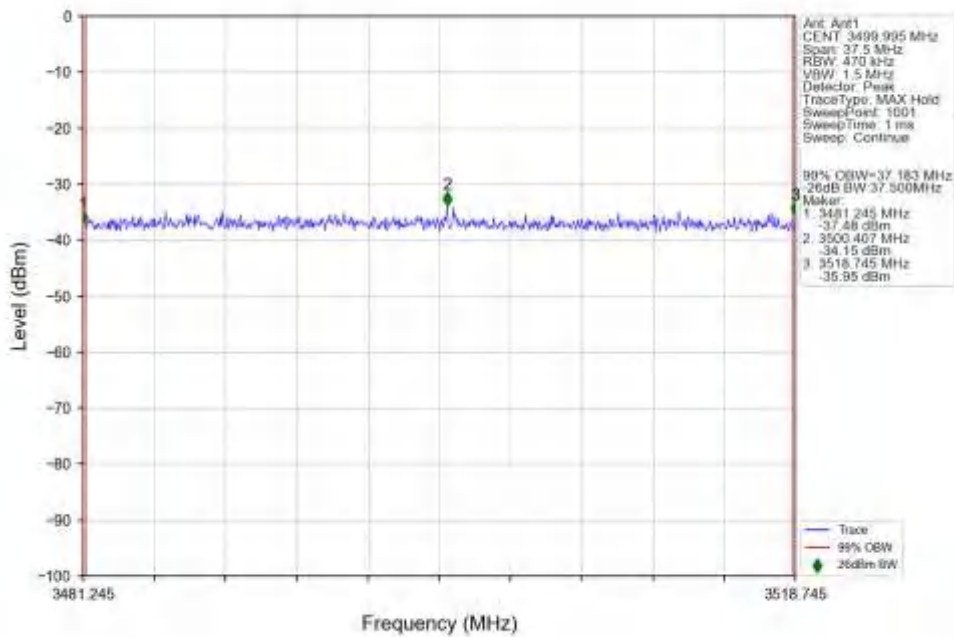
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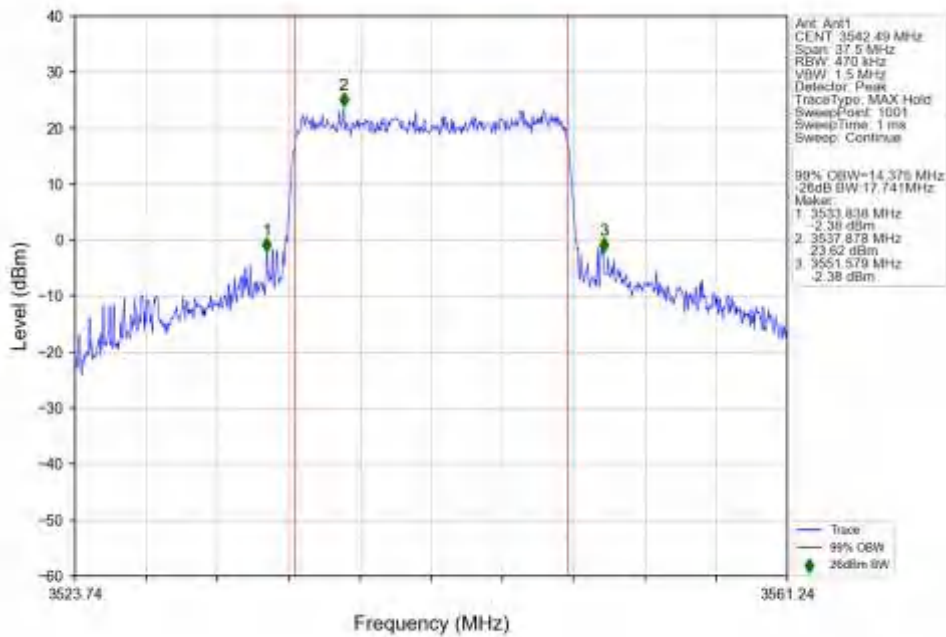
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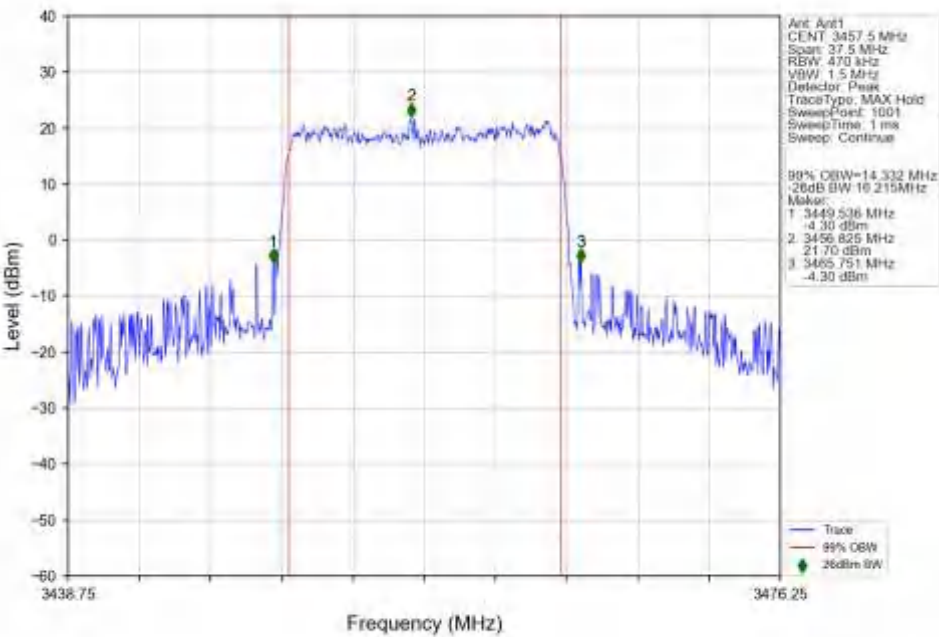
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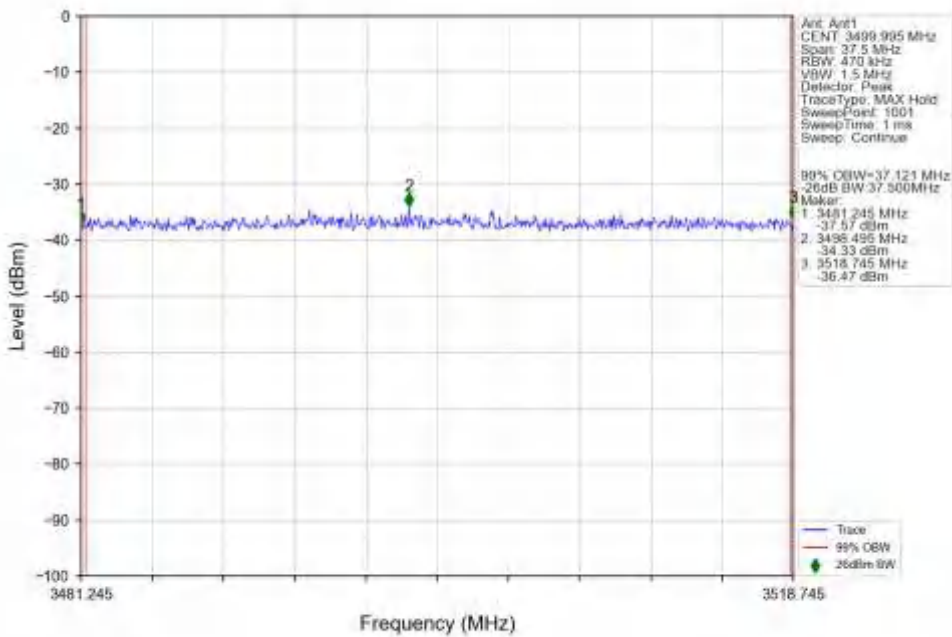
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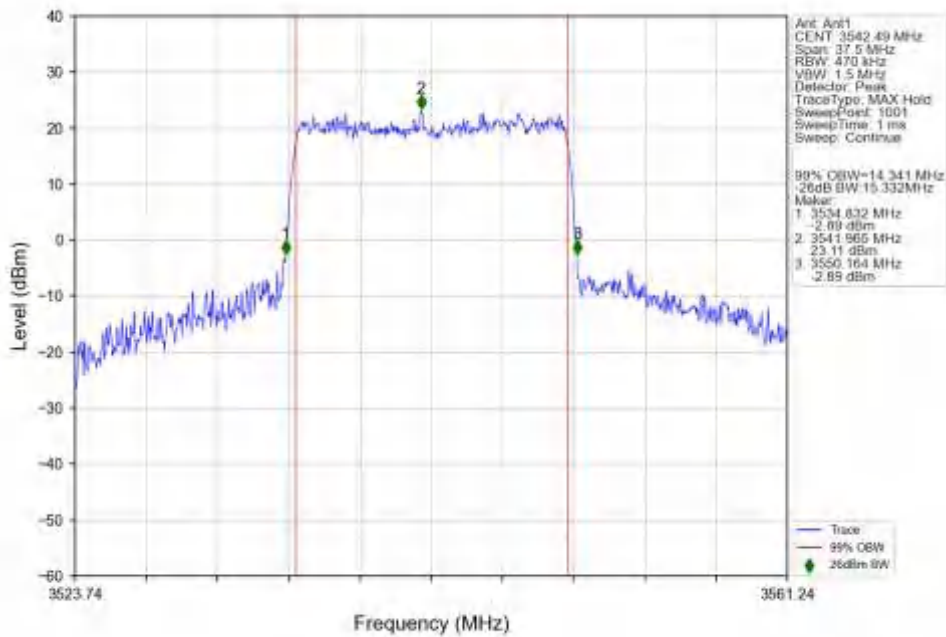
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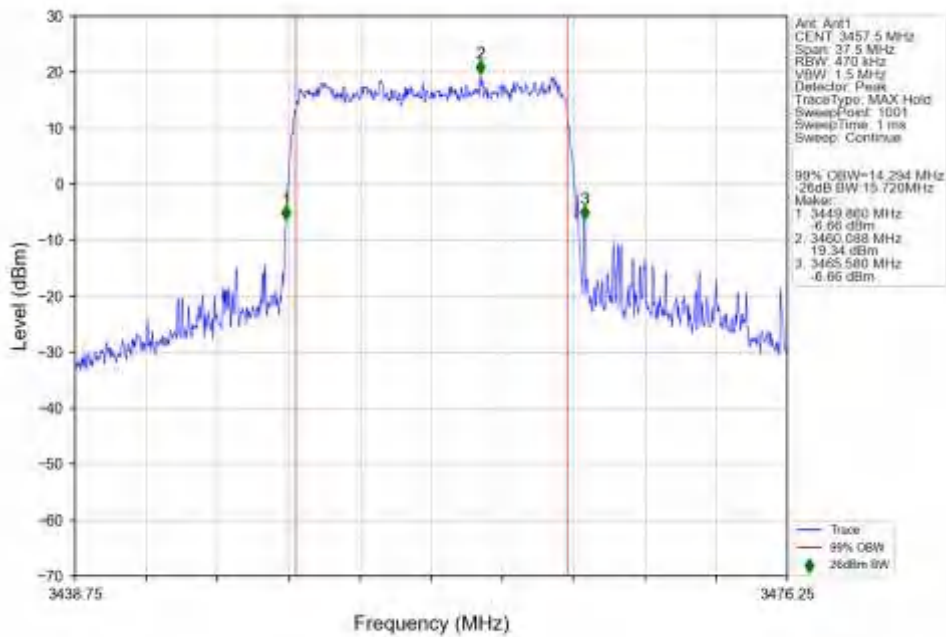
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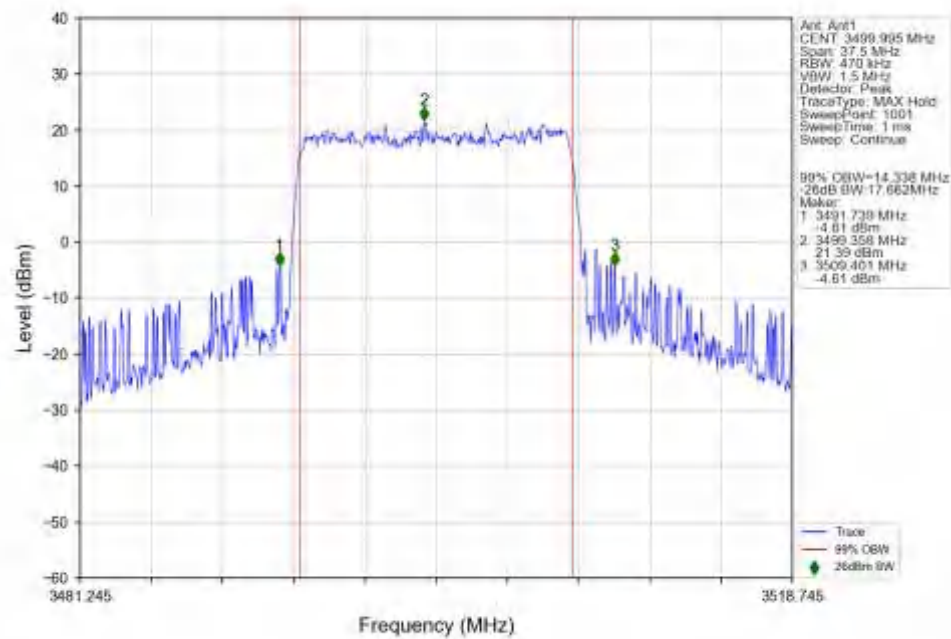
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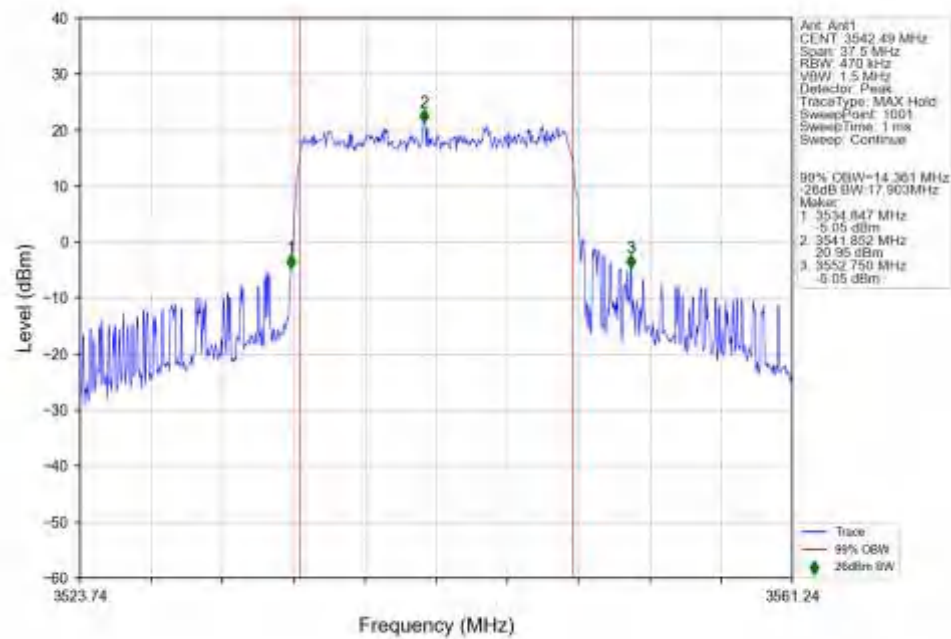
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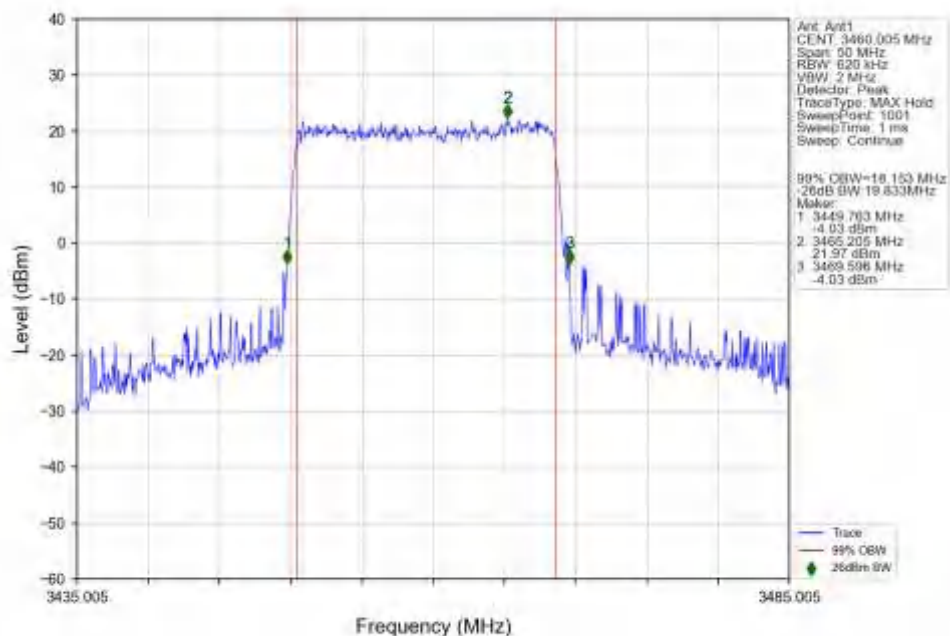


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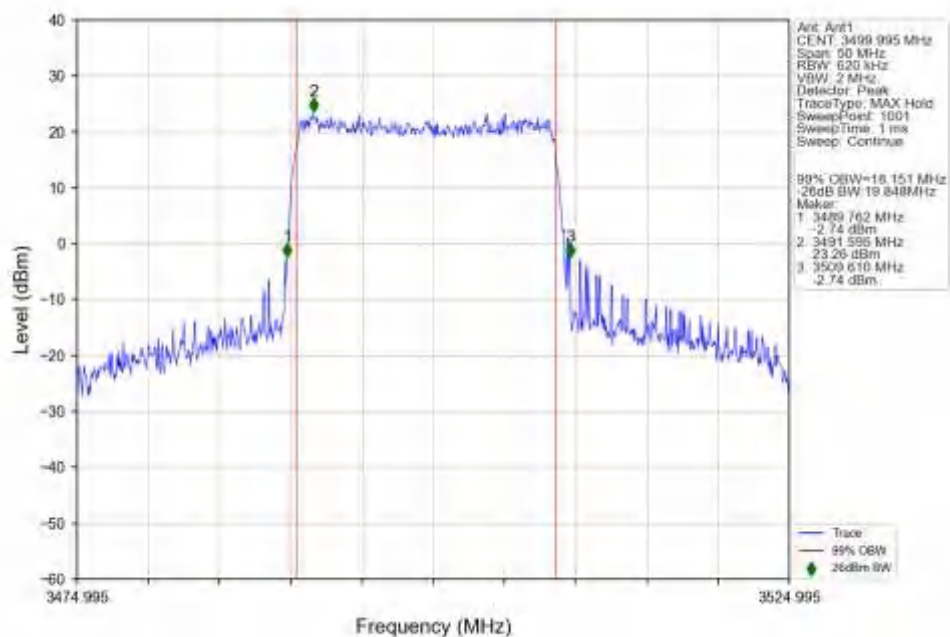


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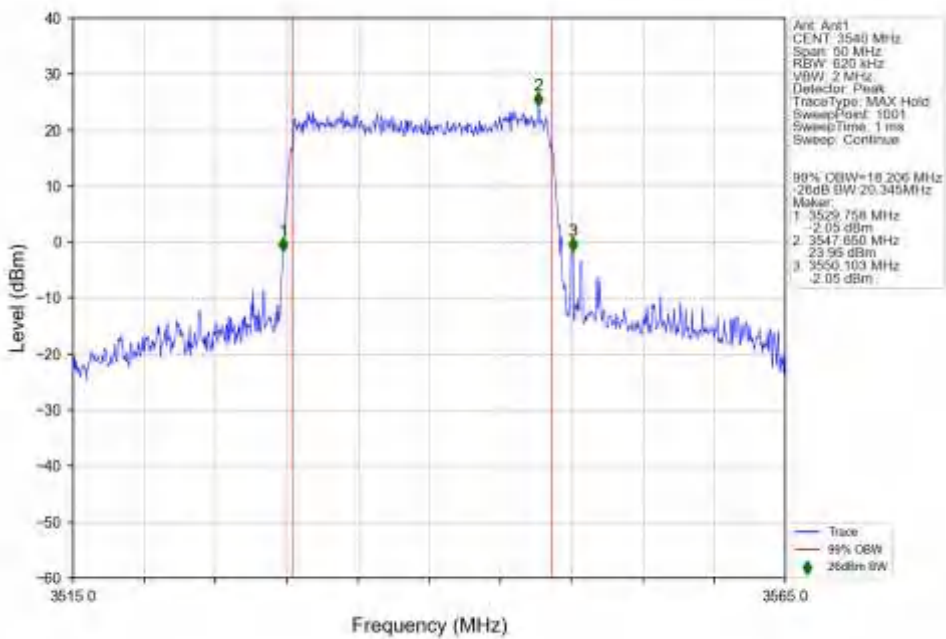
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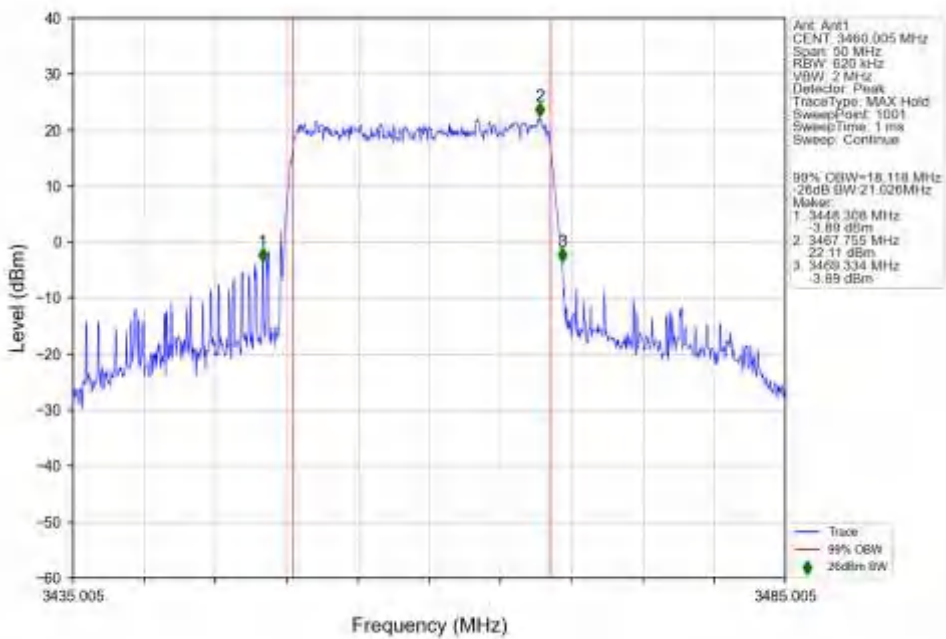
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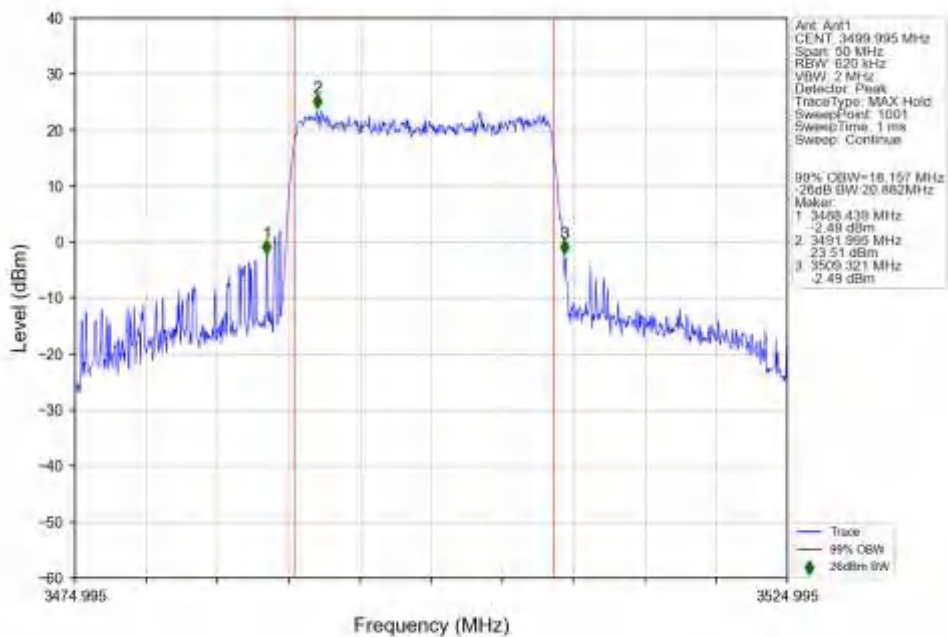
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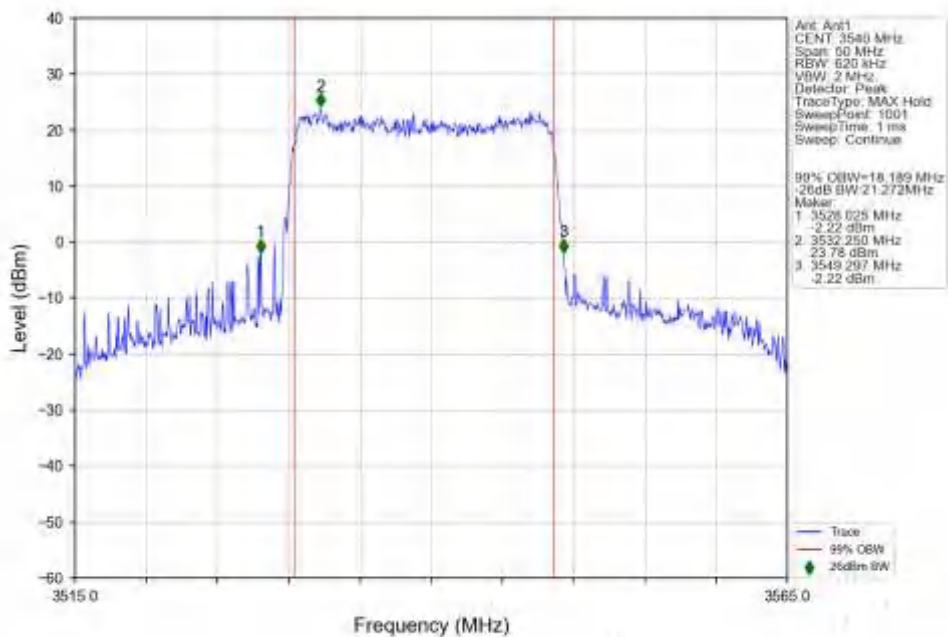
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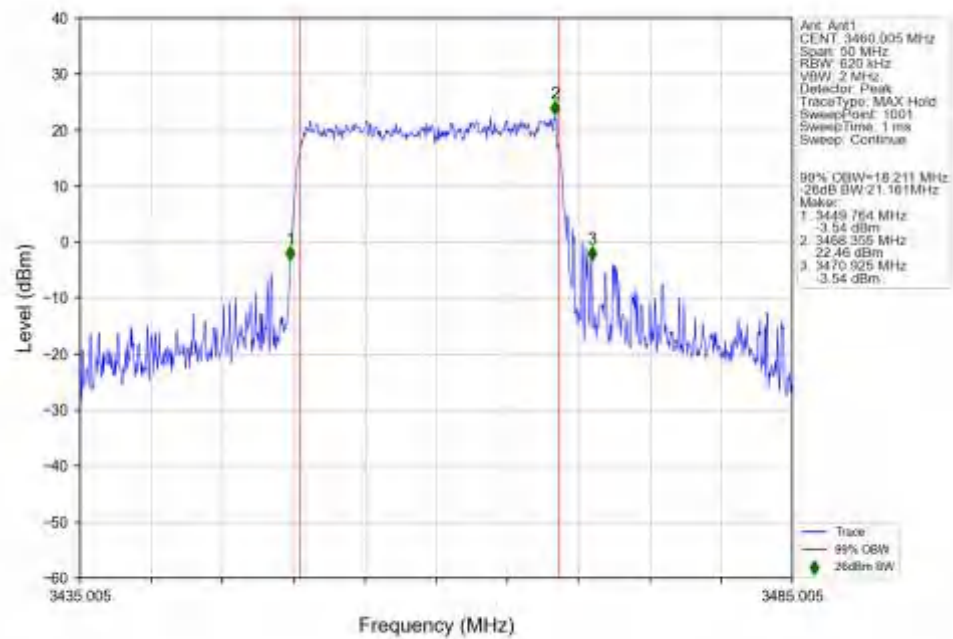
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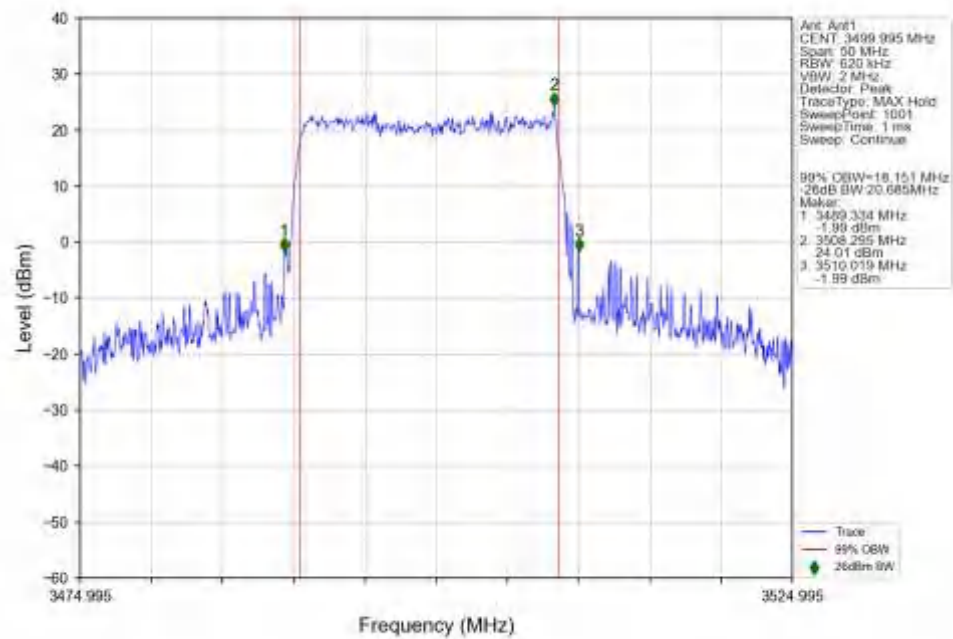
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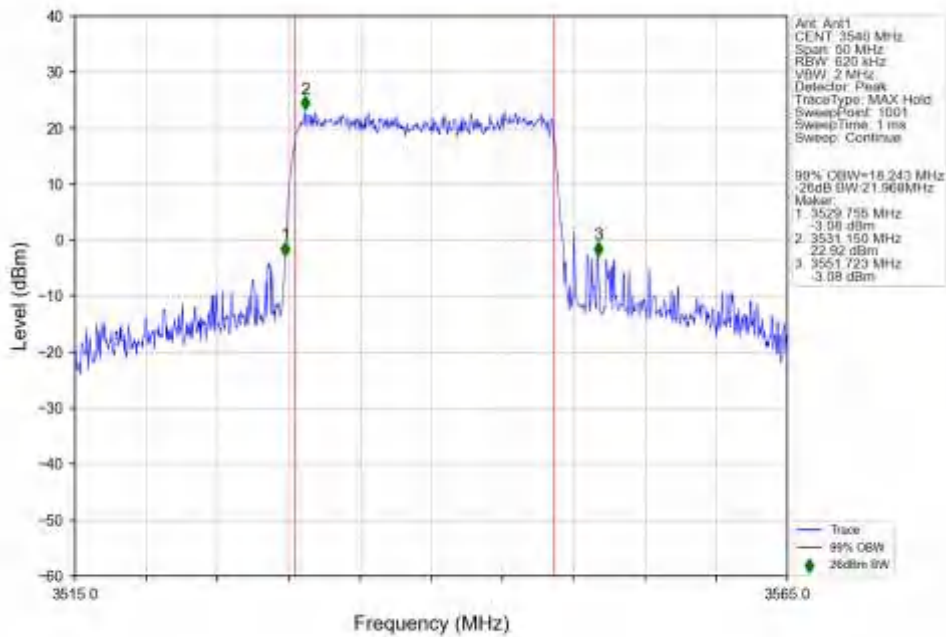
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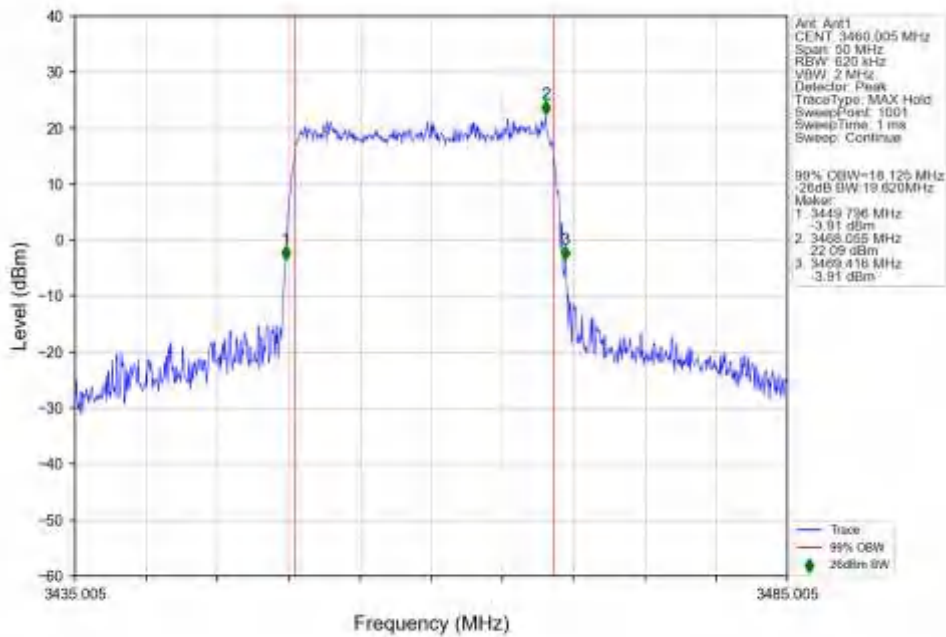
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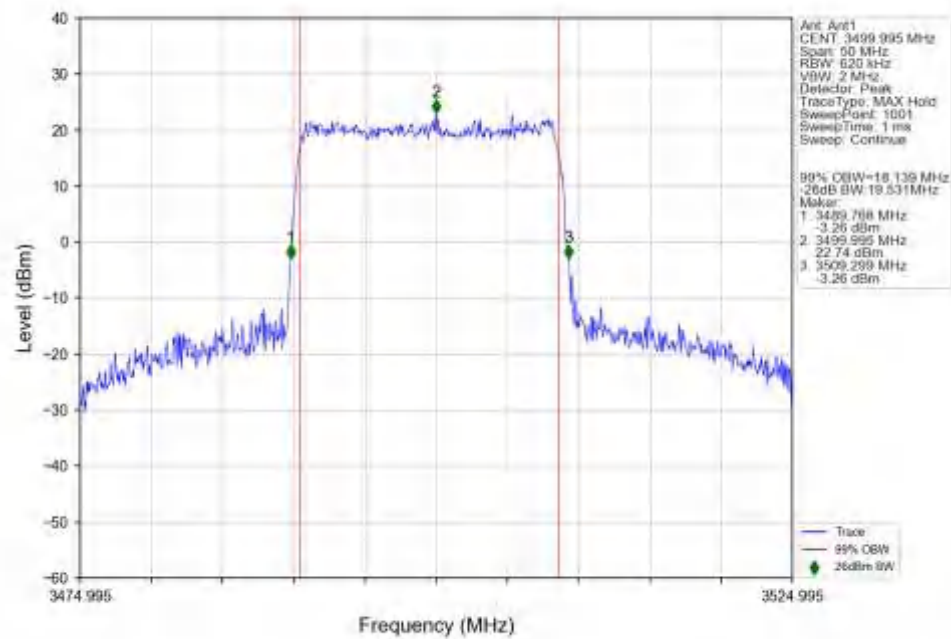
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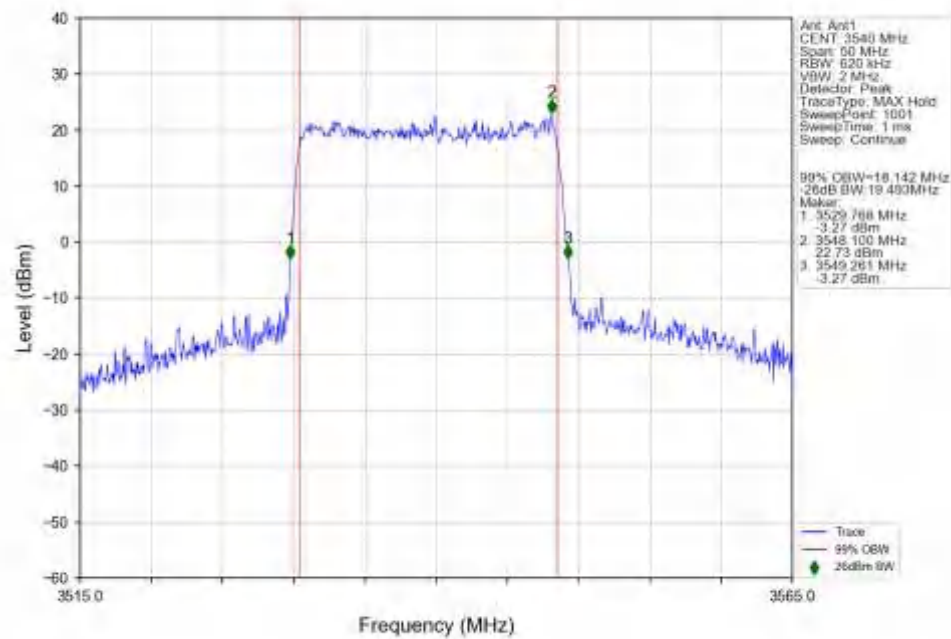
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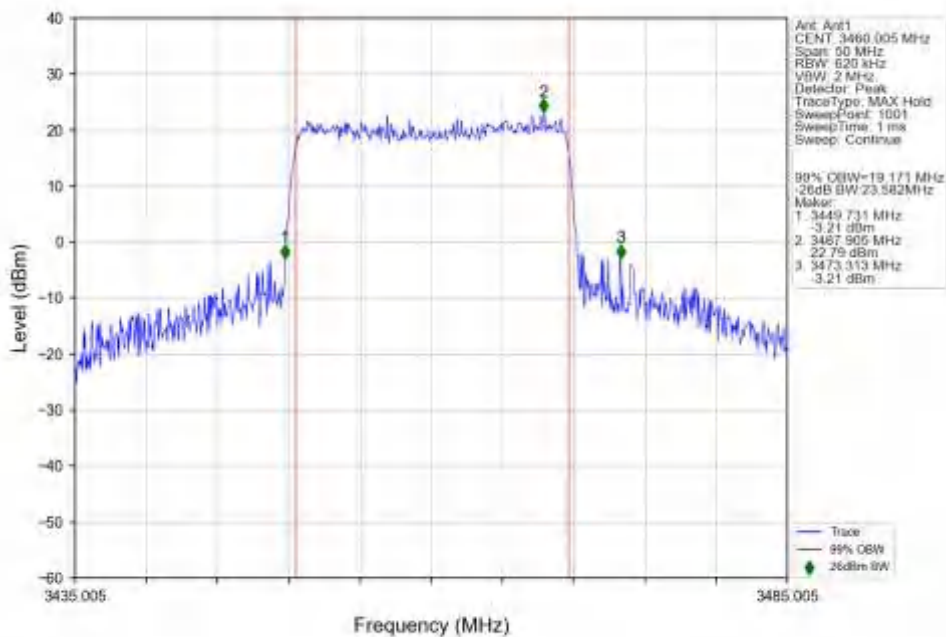
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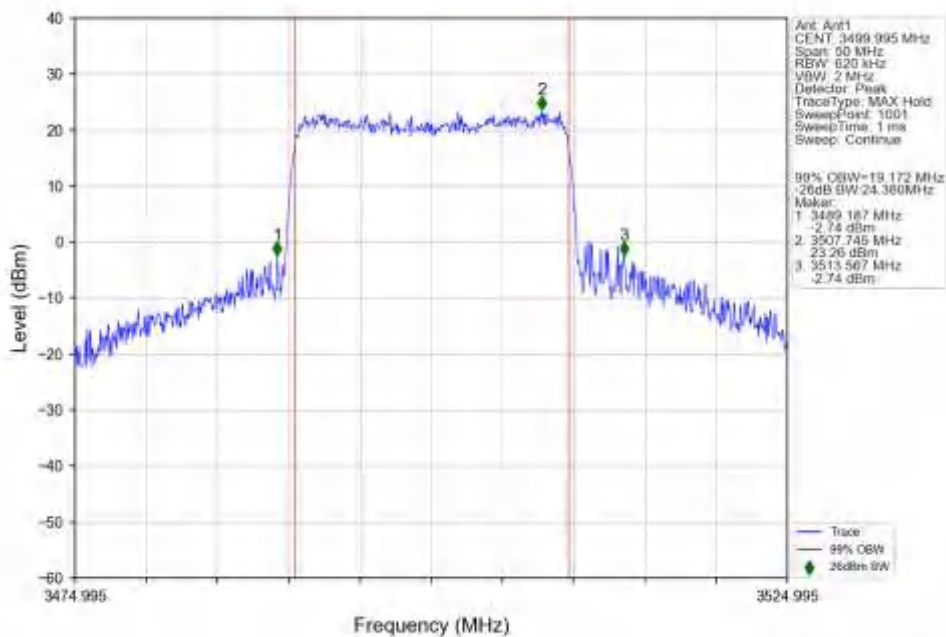
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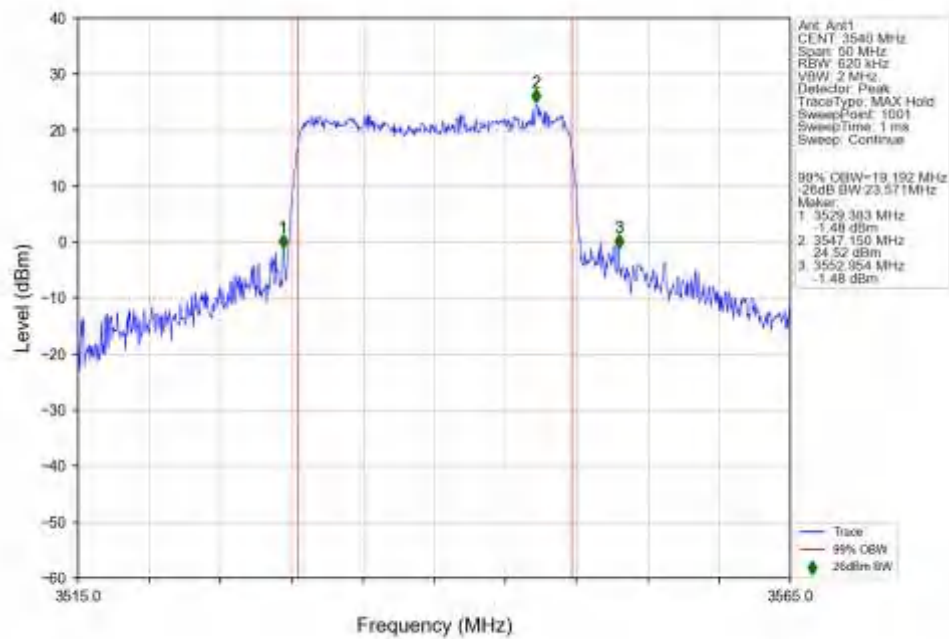
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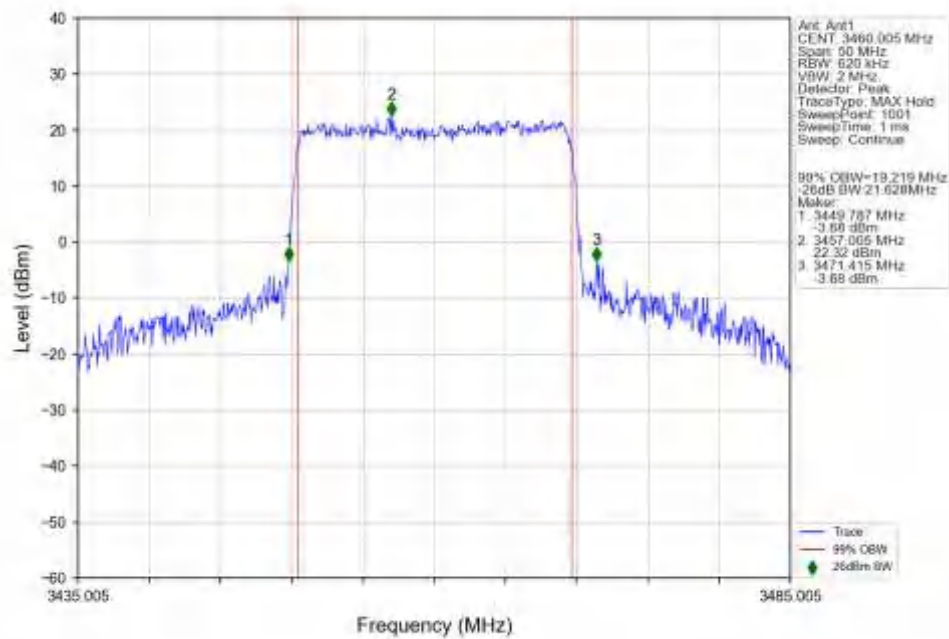
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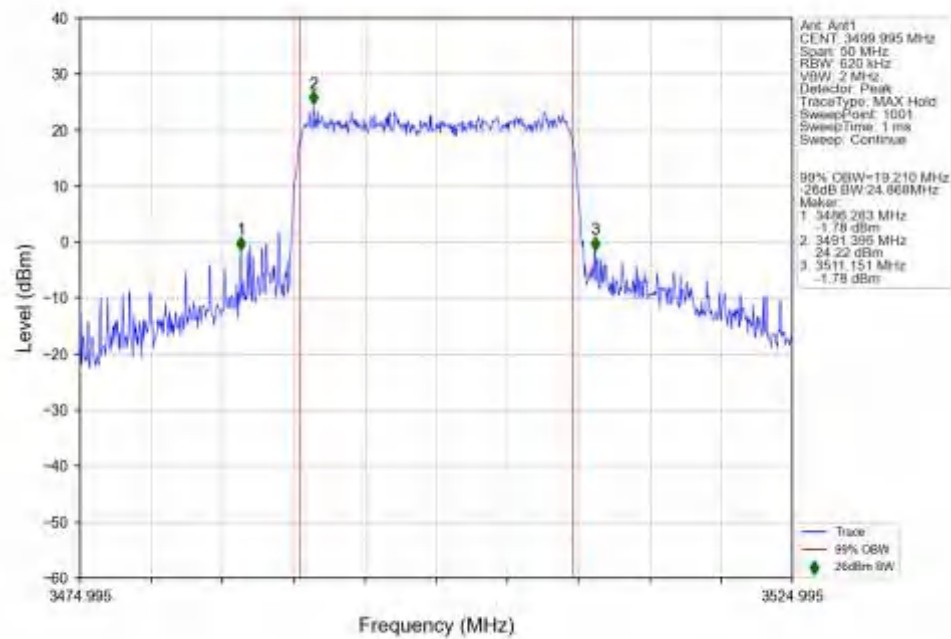
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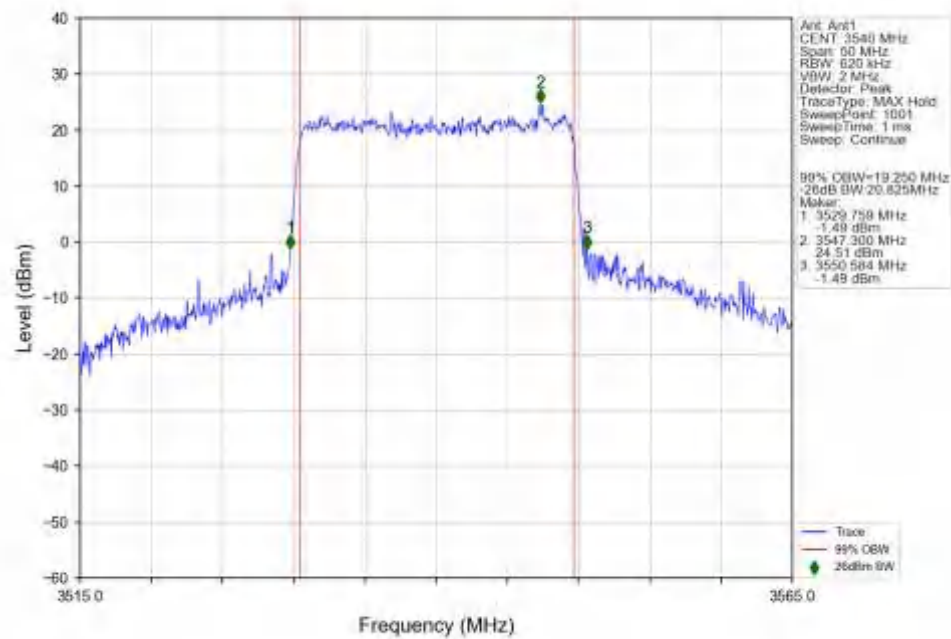
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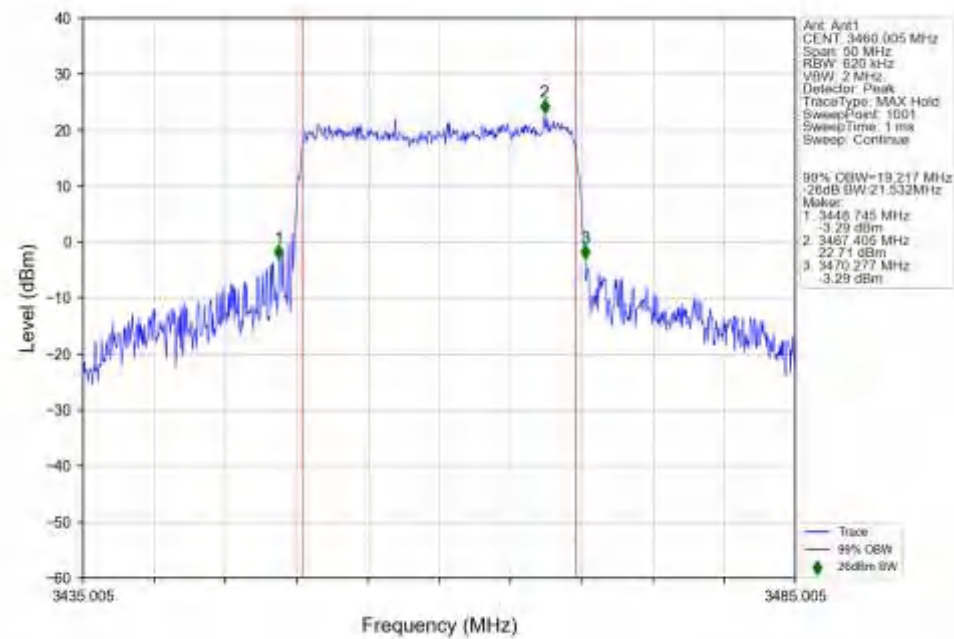
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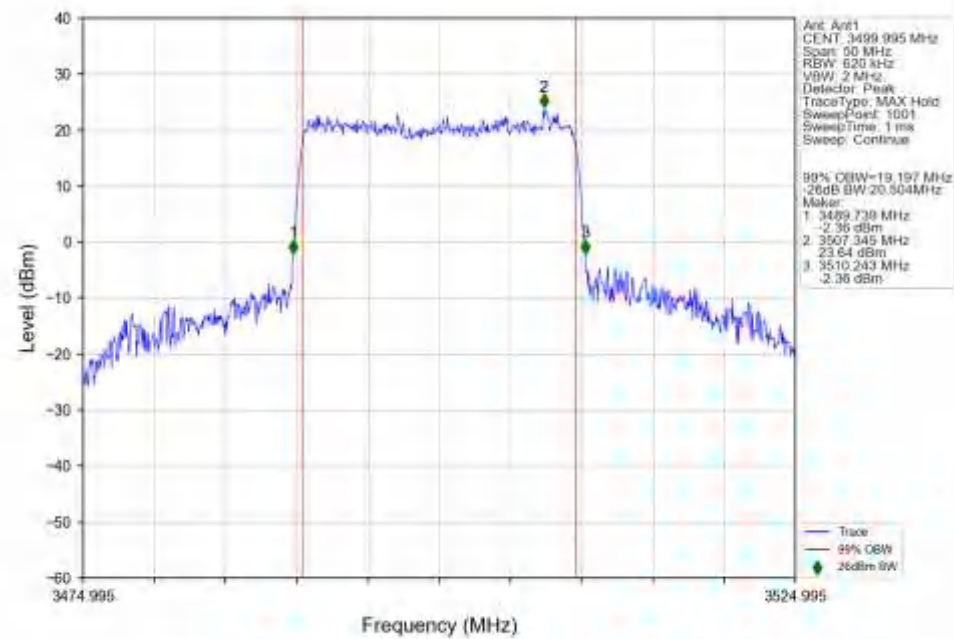
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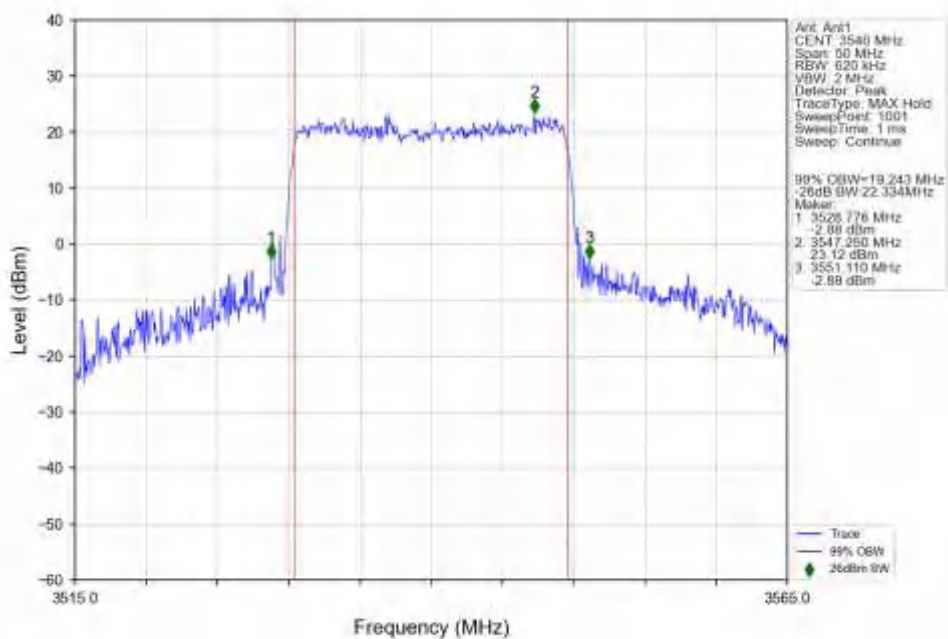
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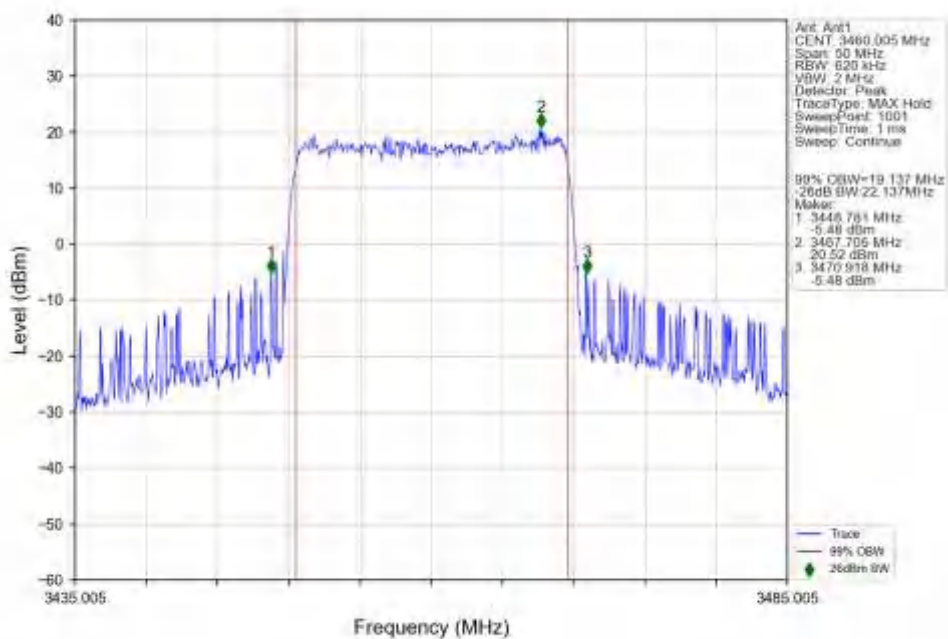
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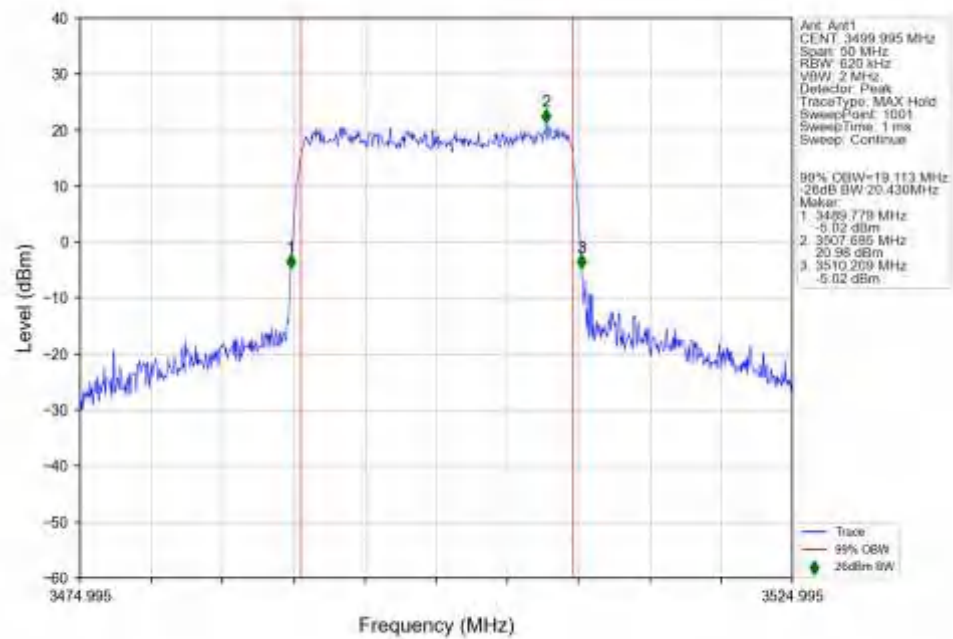
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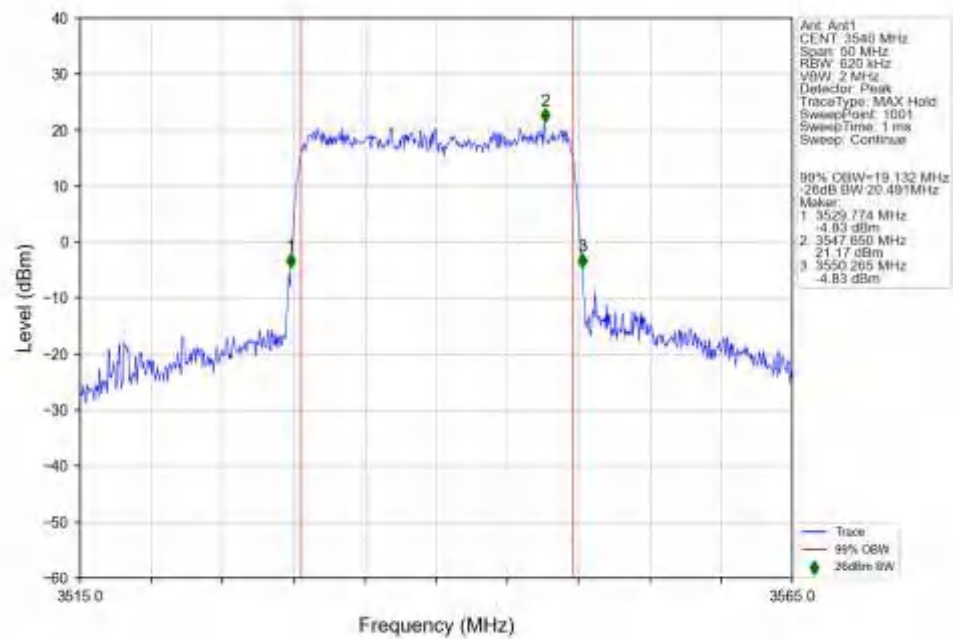
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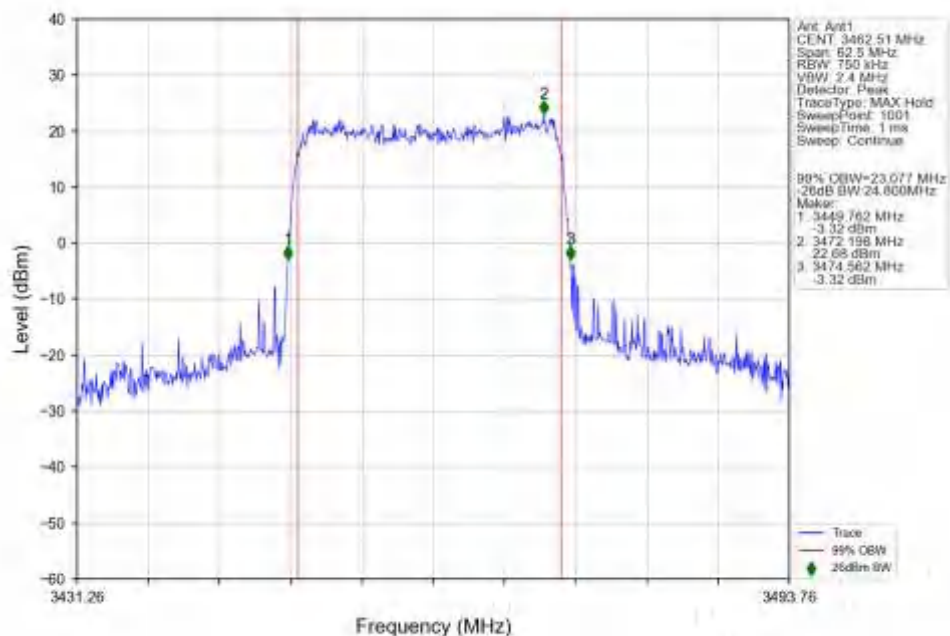


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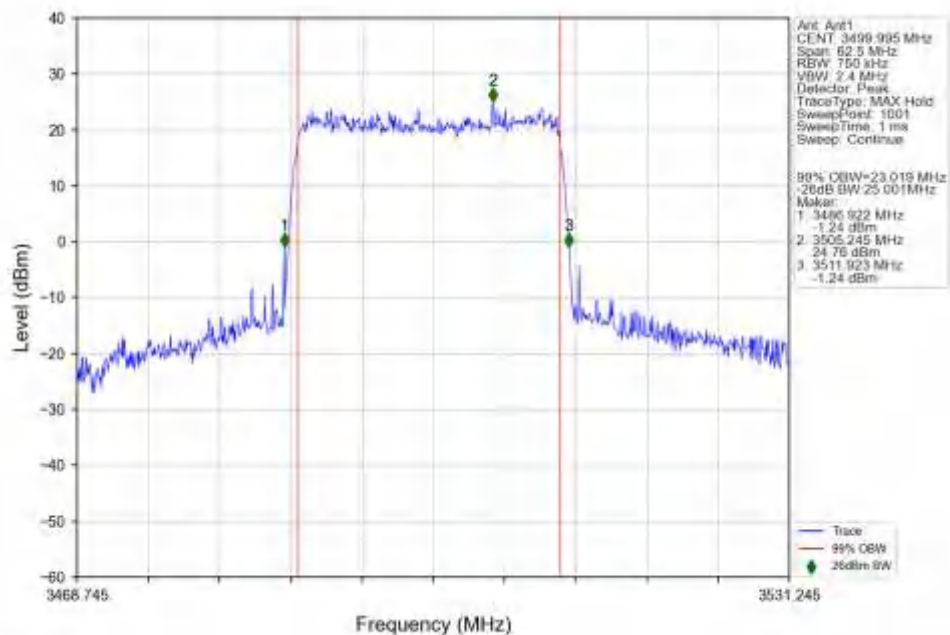


4.2.4 15k_SISO_25MHz_NTNV

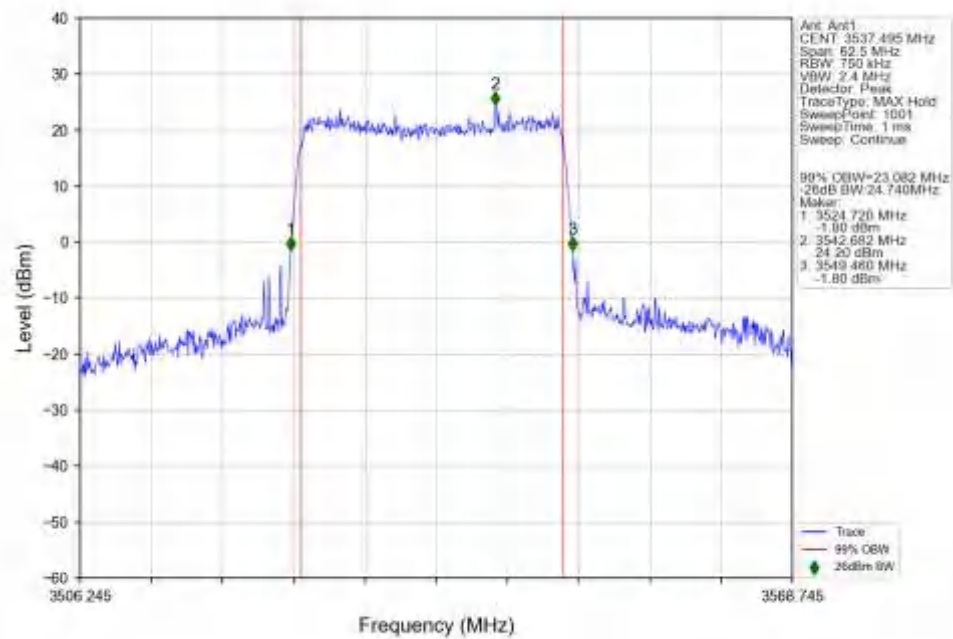
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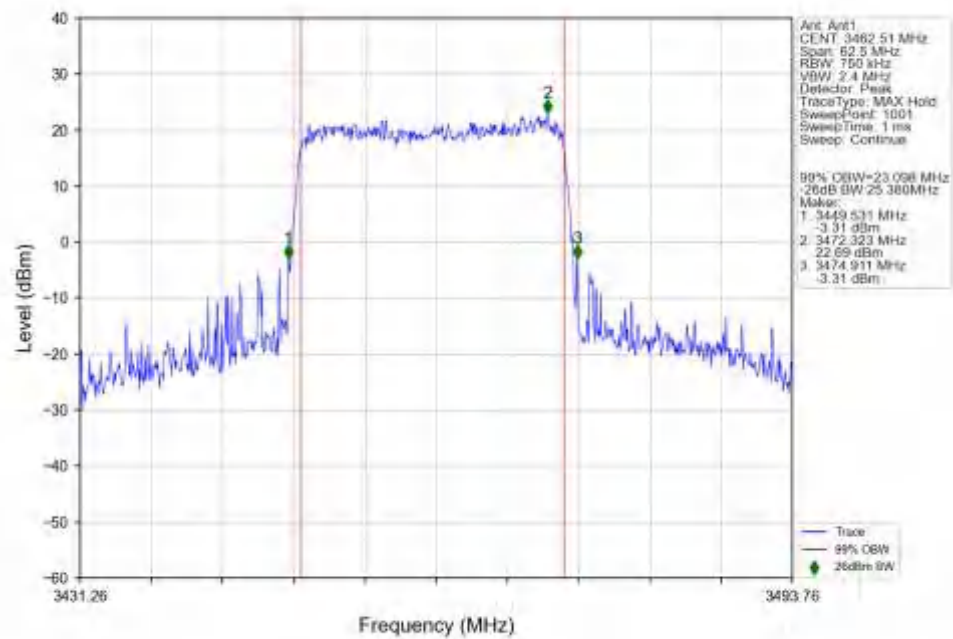
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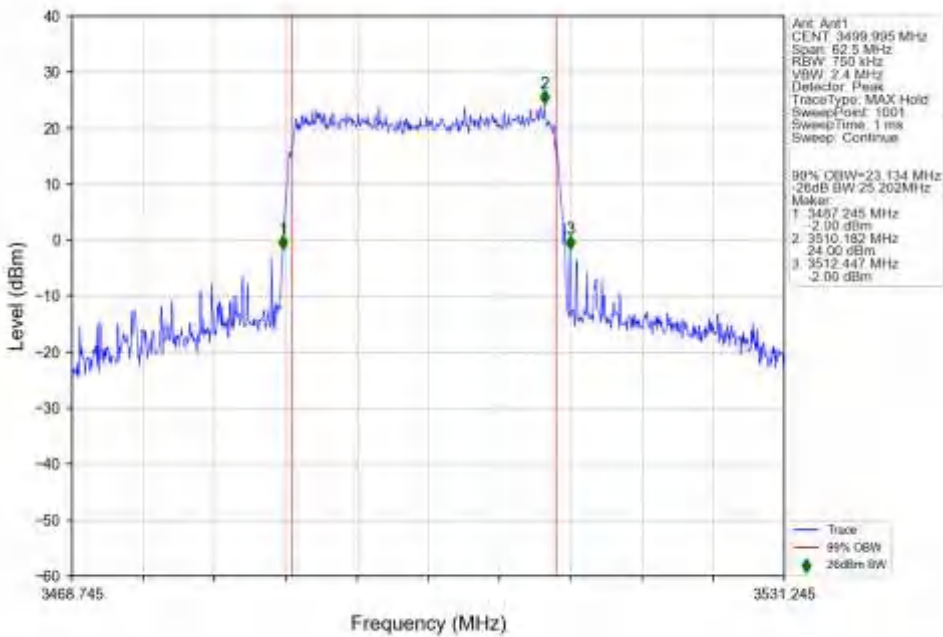
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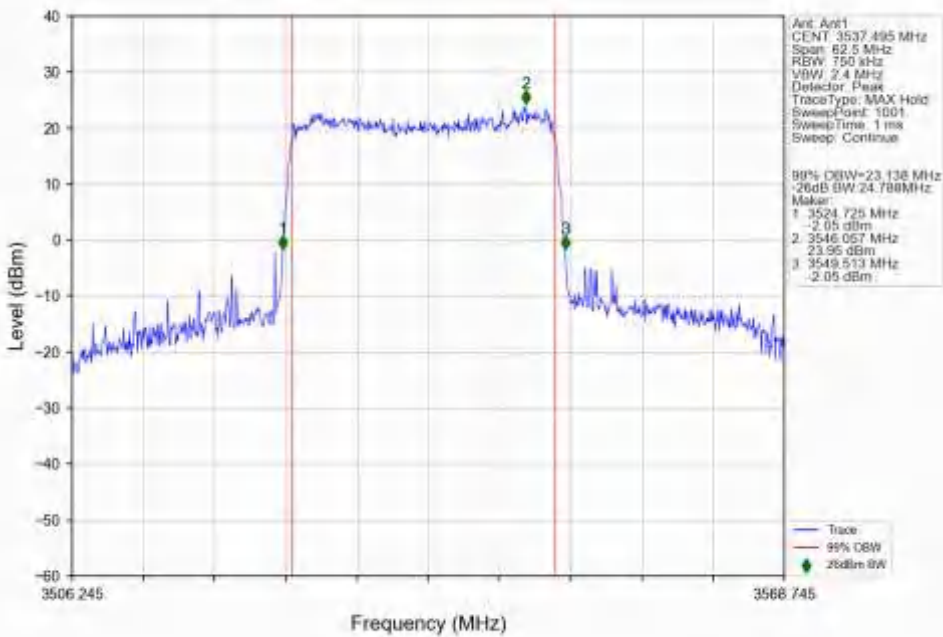
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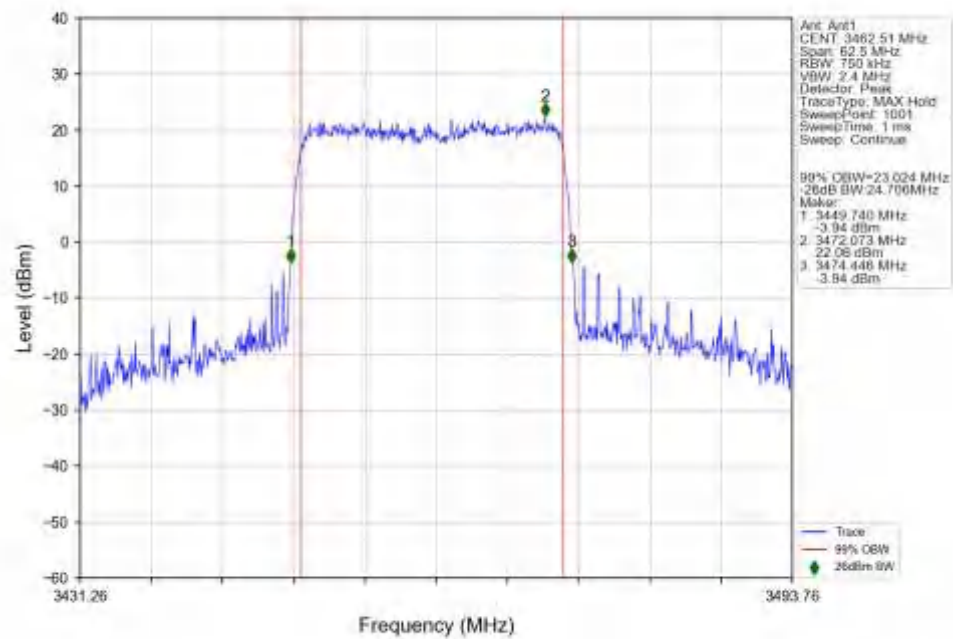
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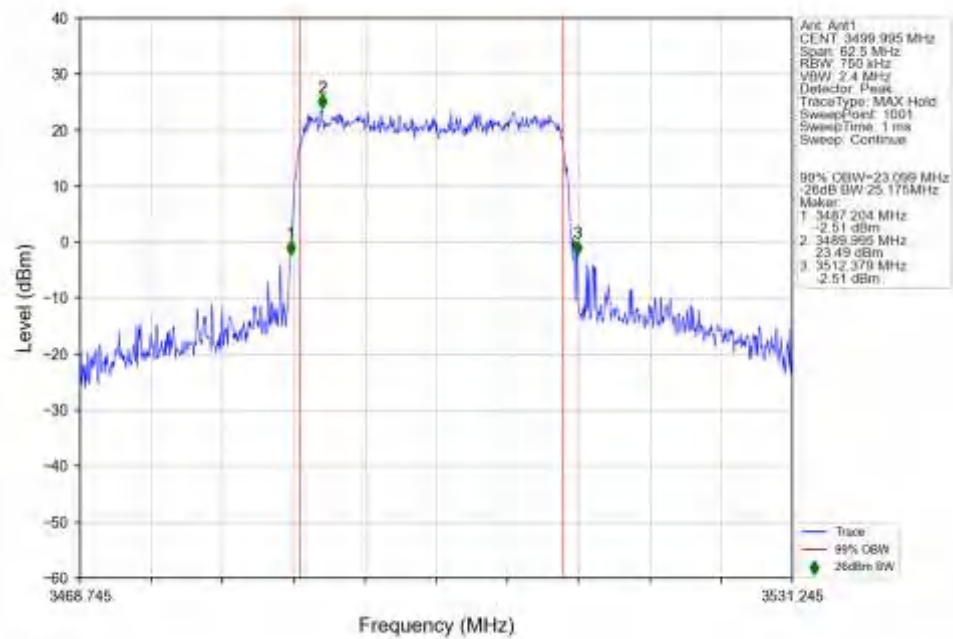
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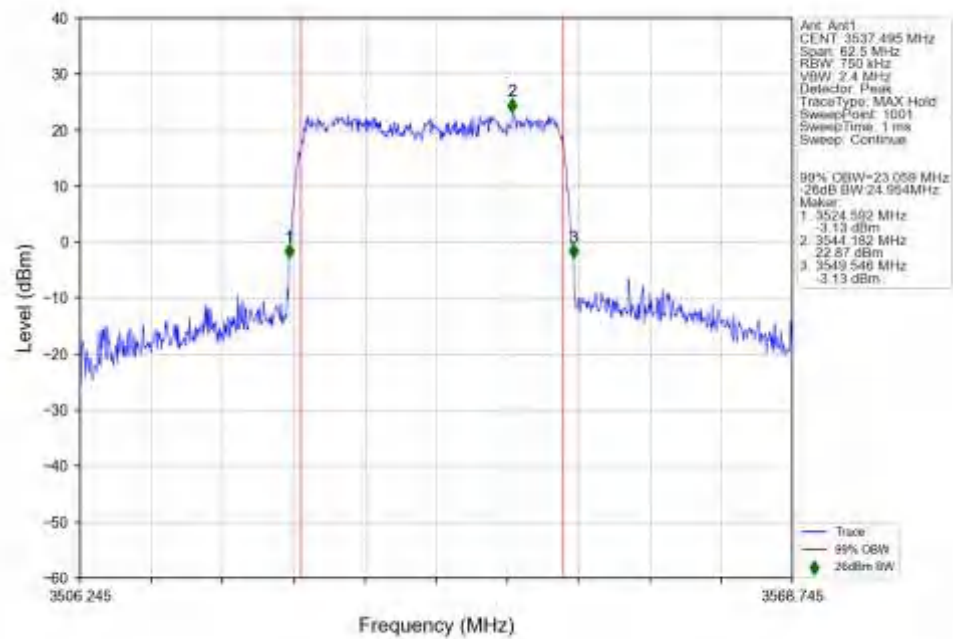
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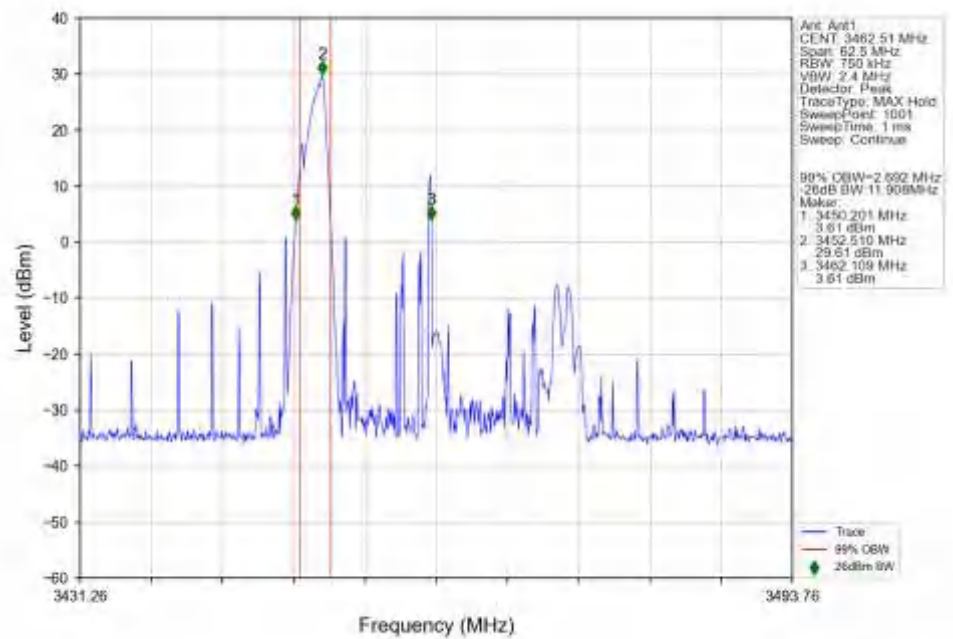
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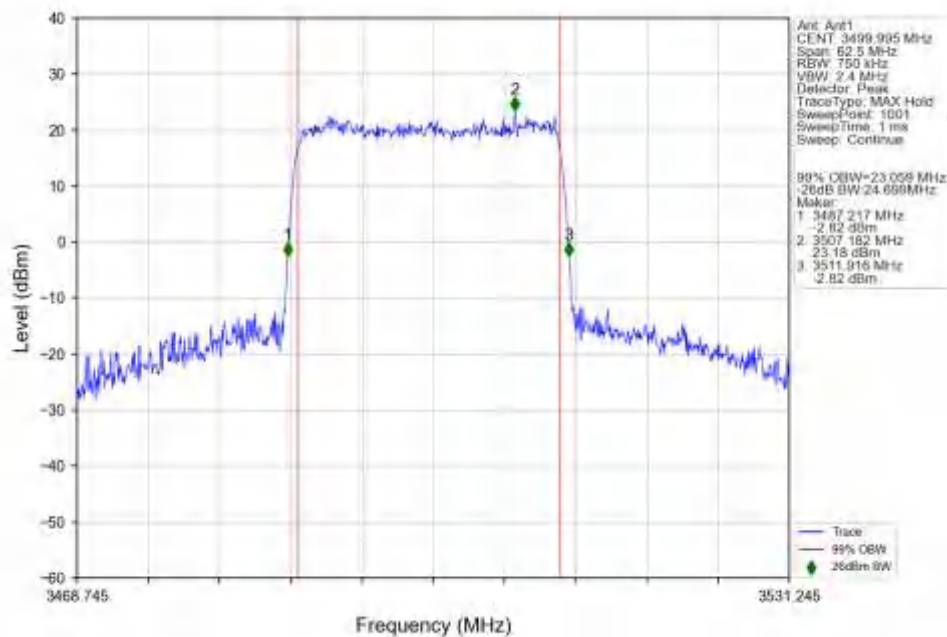
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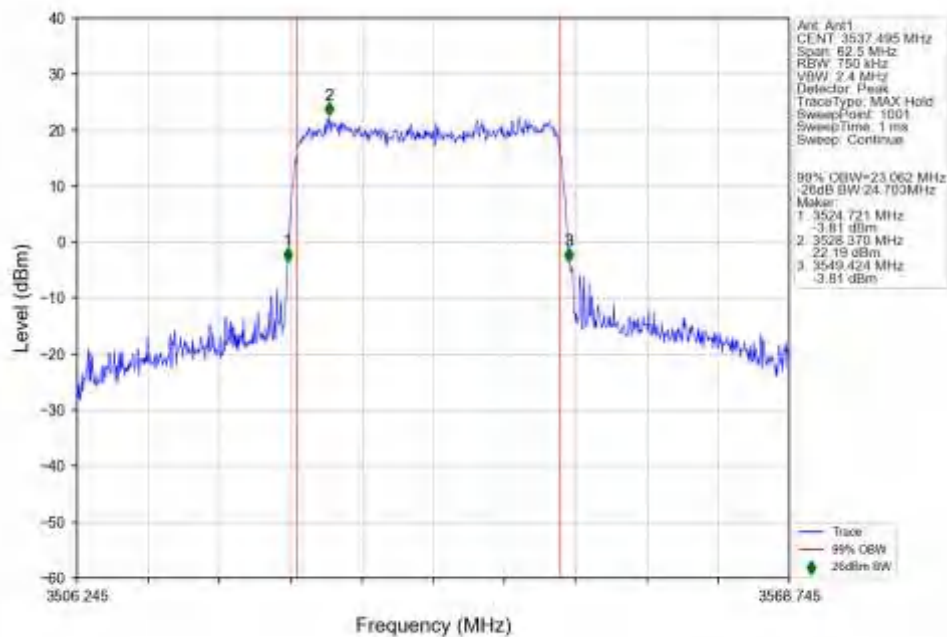
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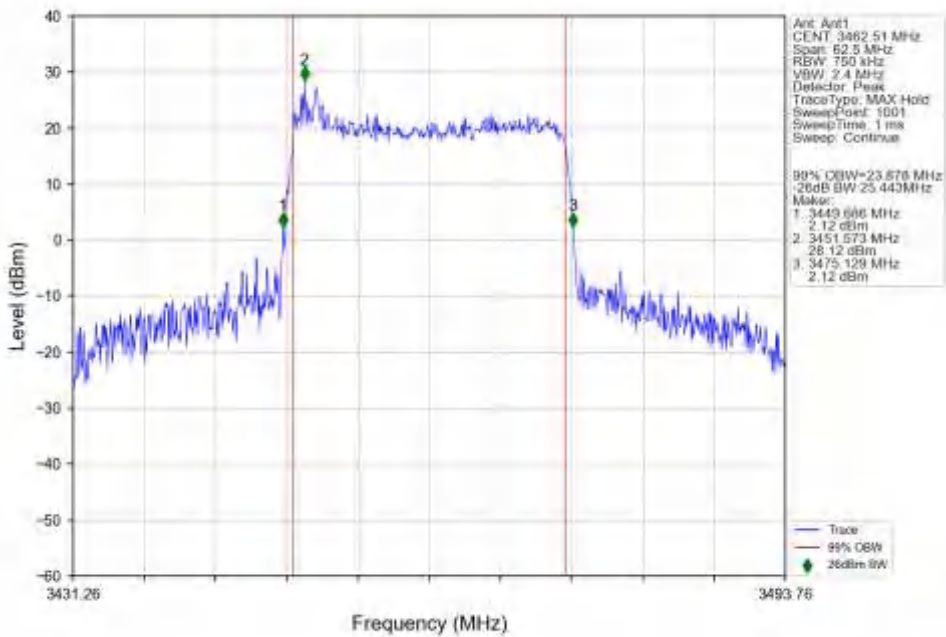
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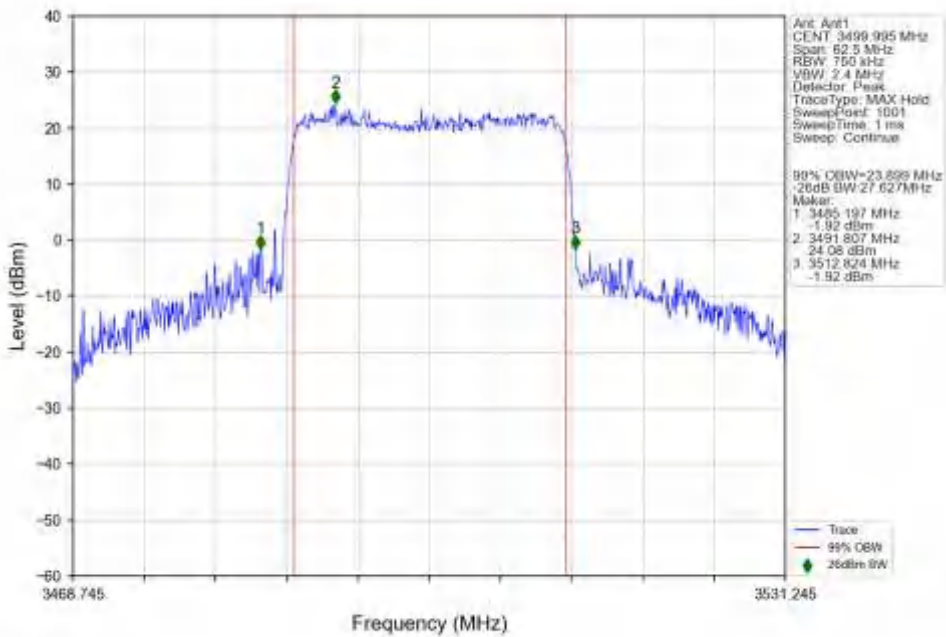
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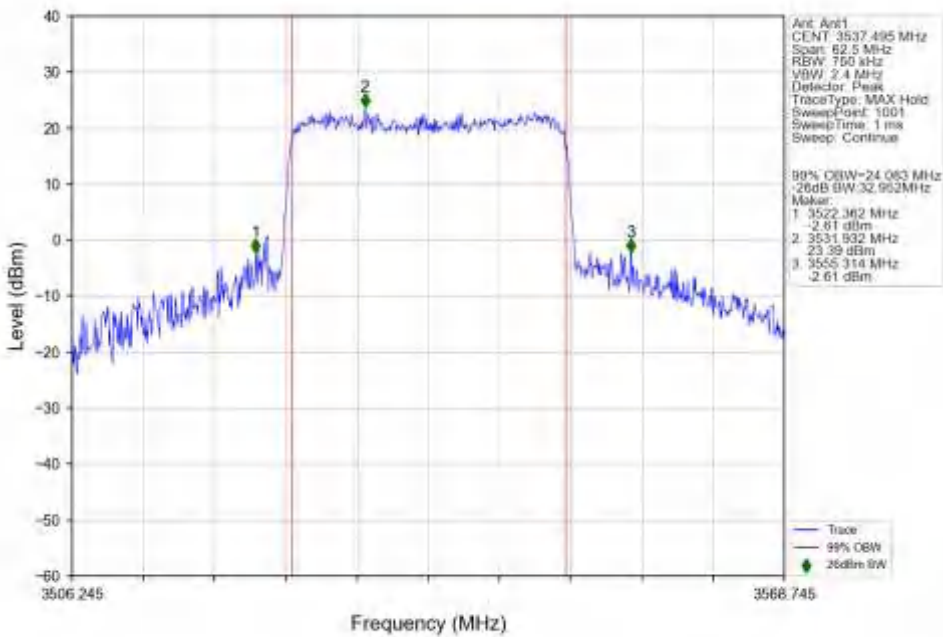
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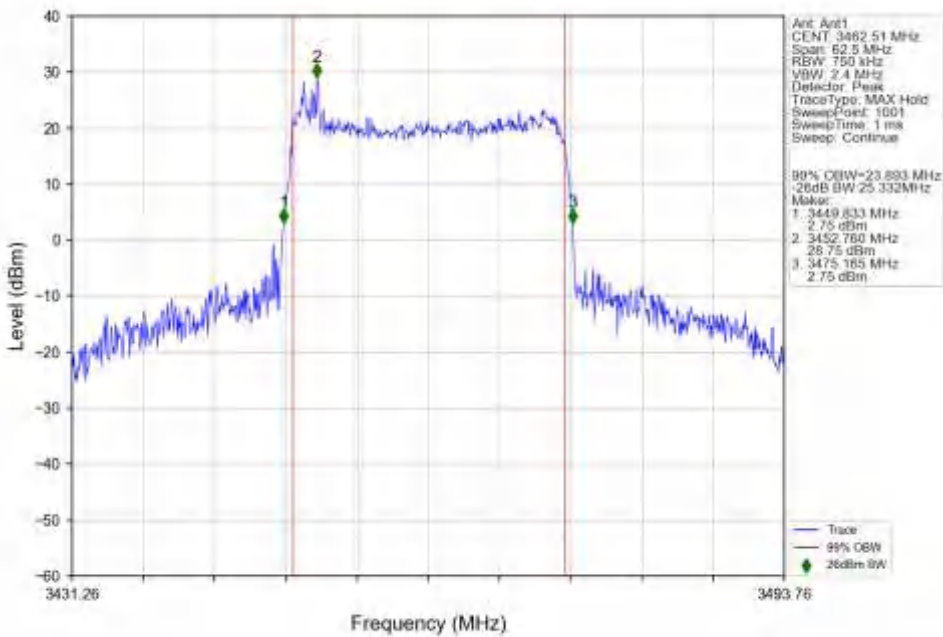
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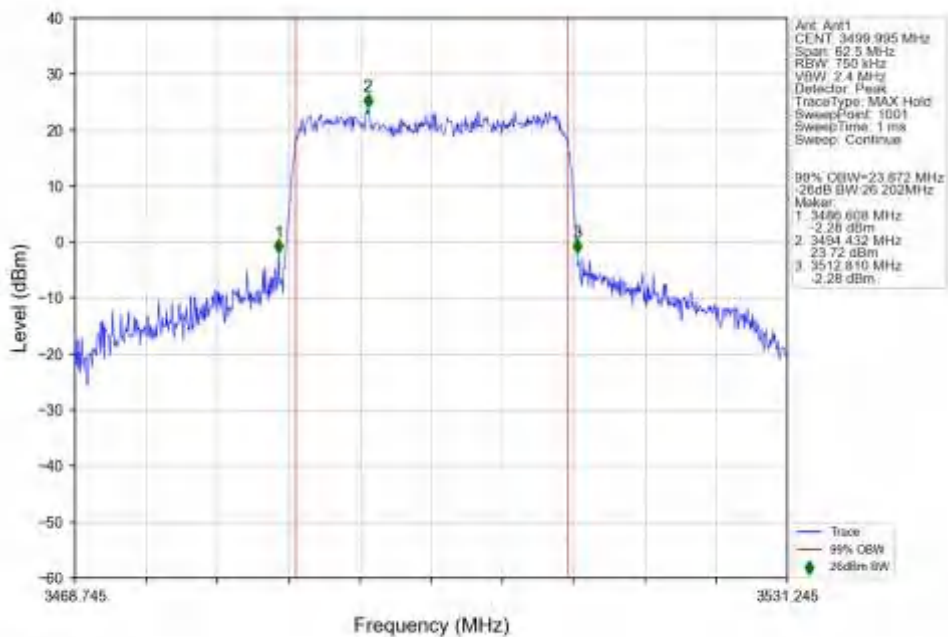
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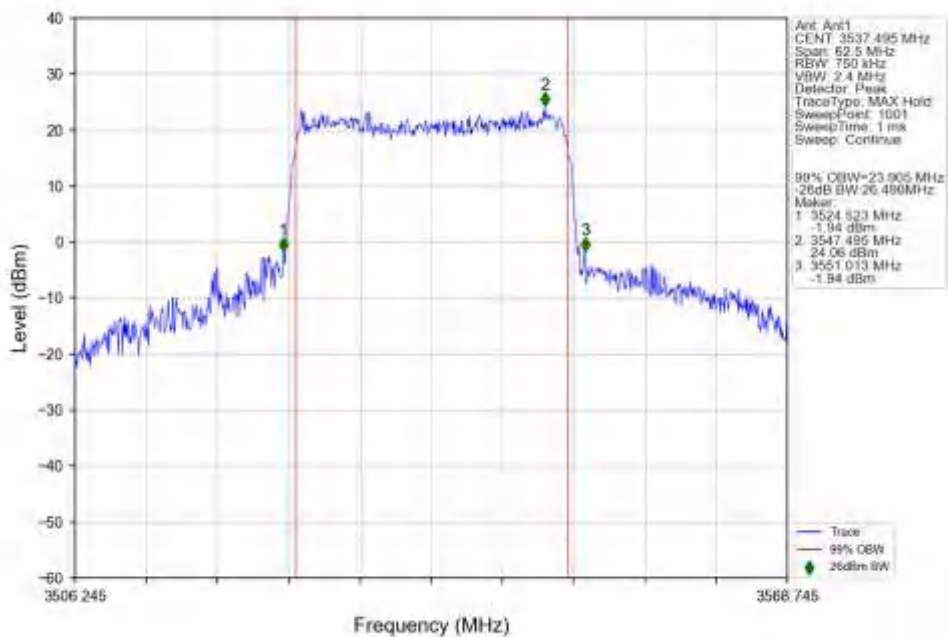
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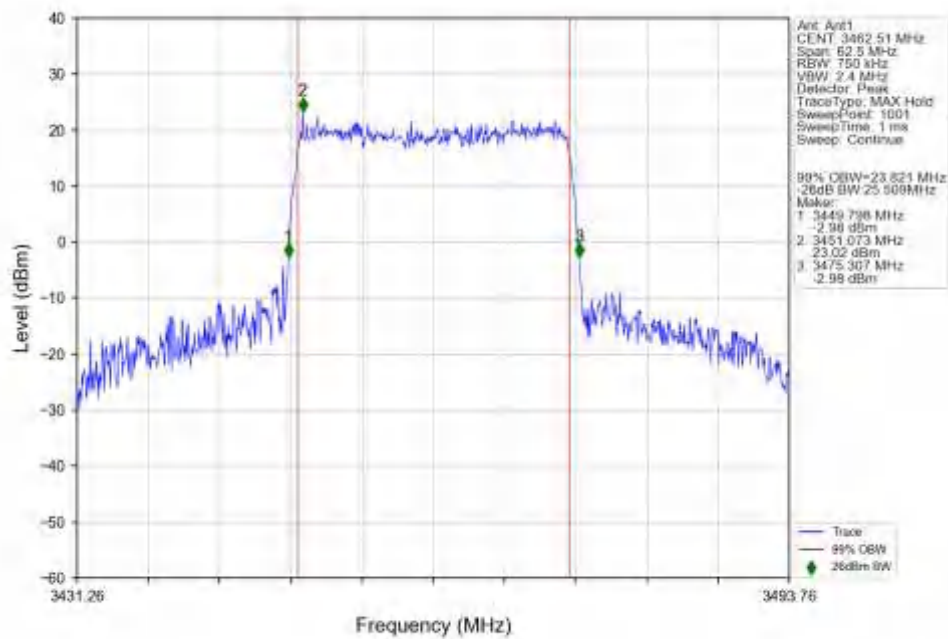
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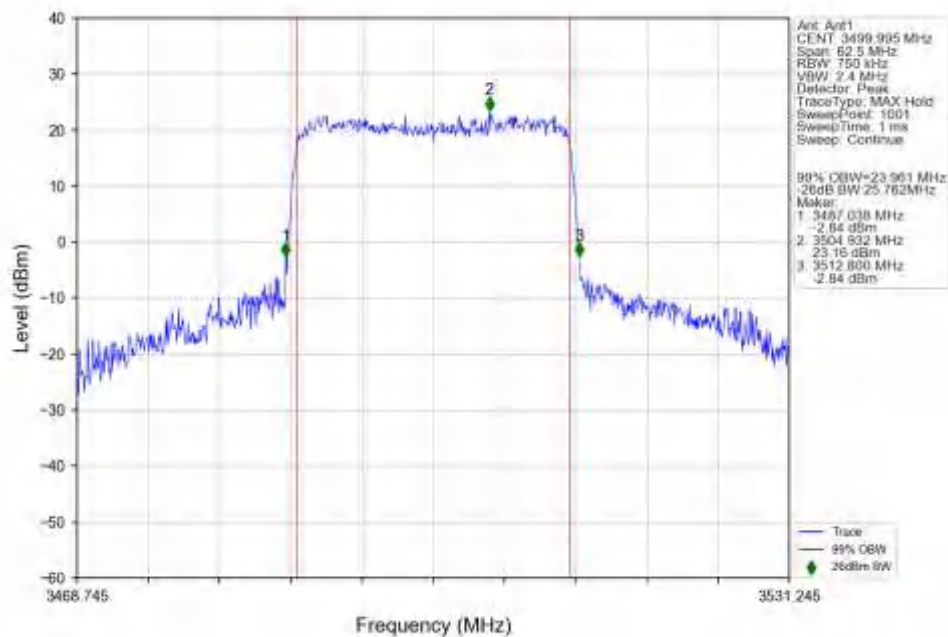
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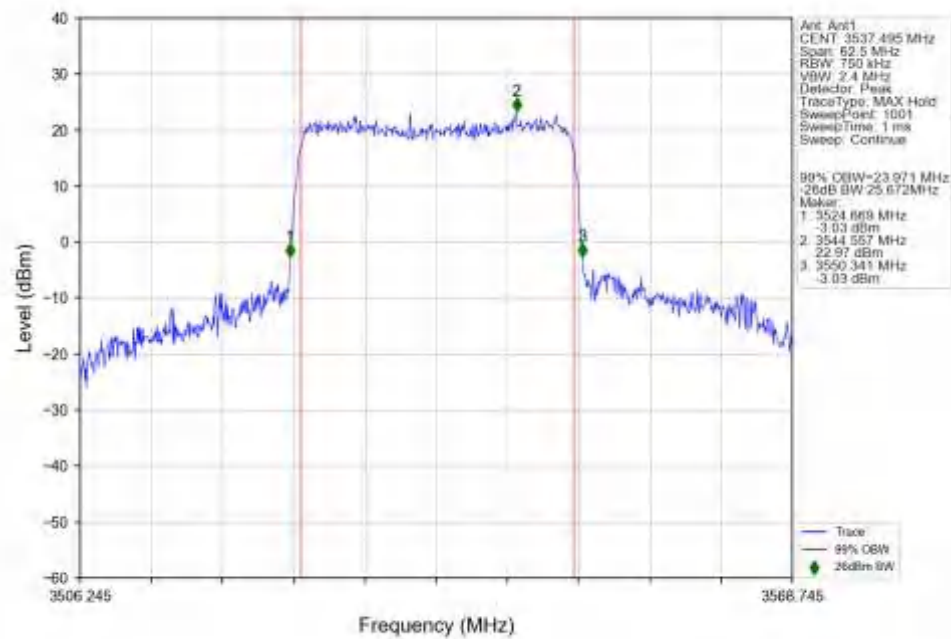
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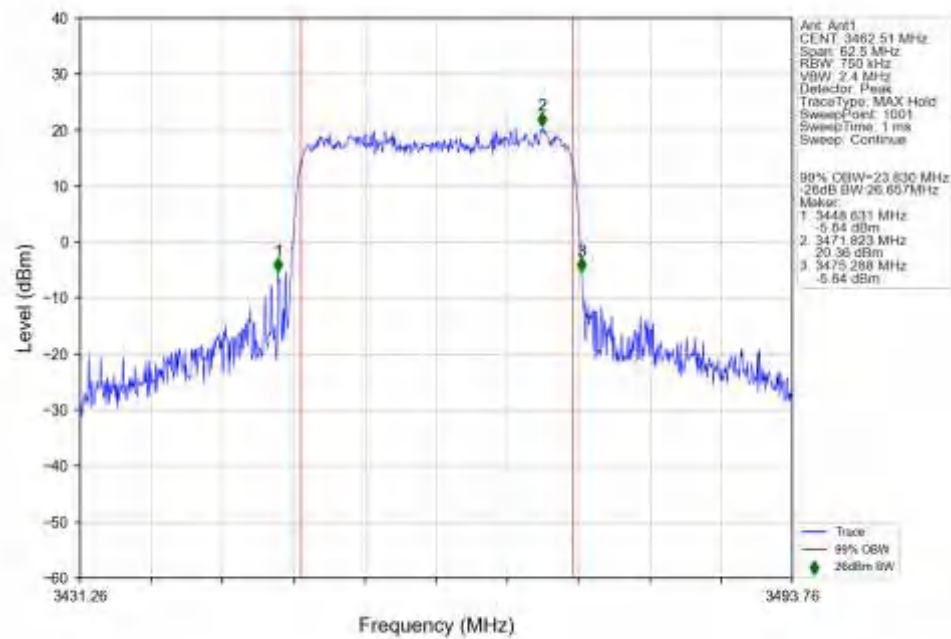
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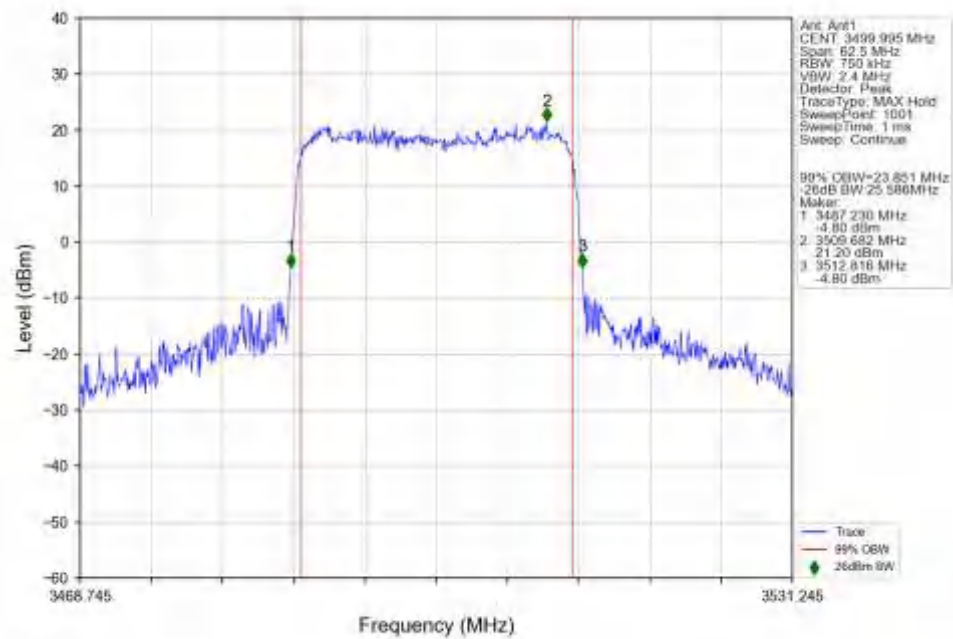
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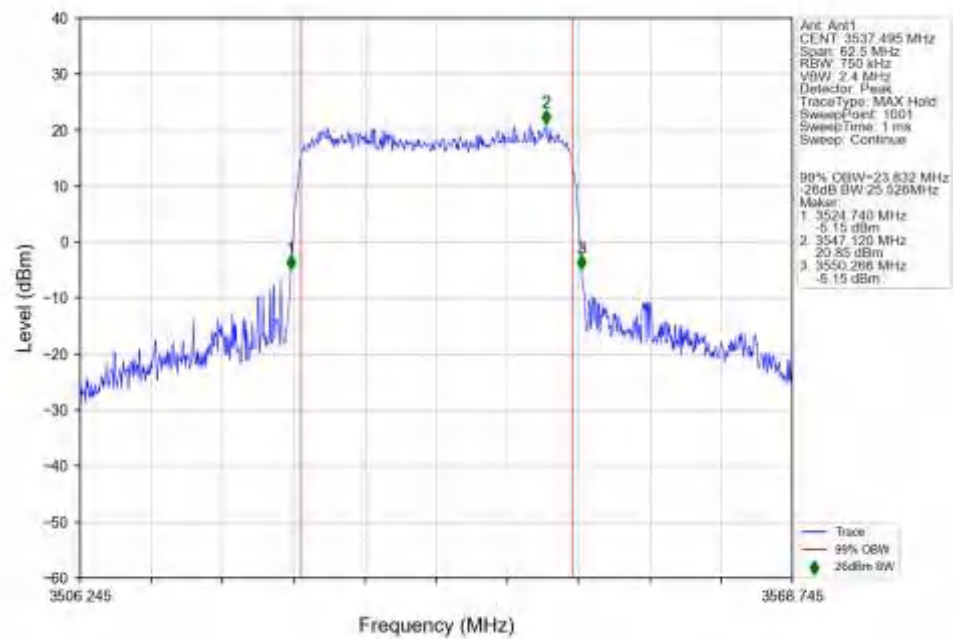
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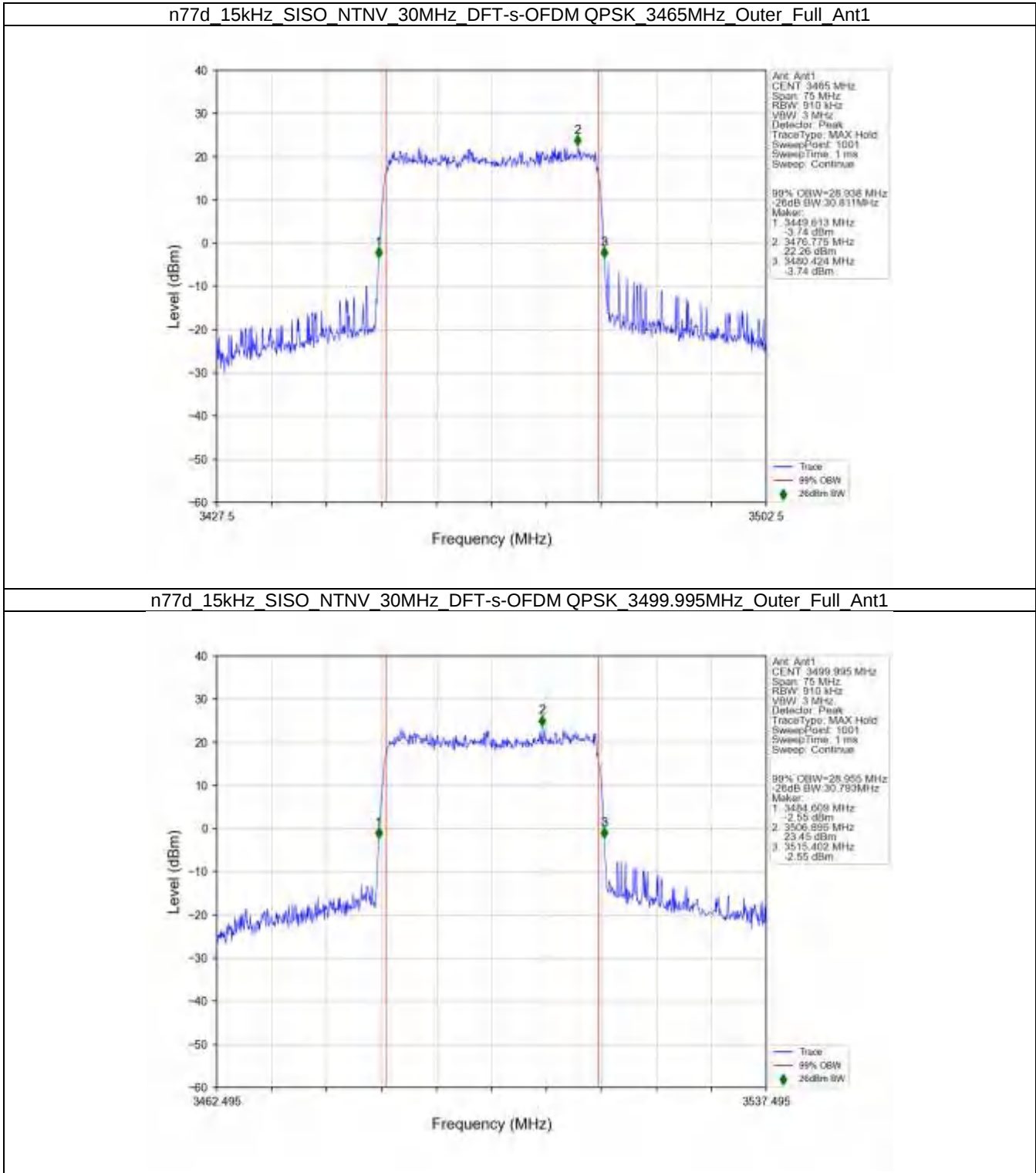
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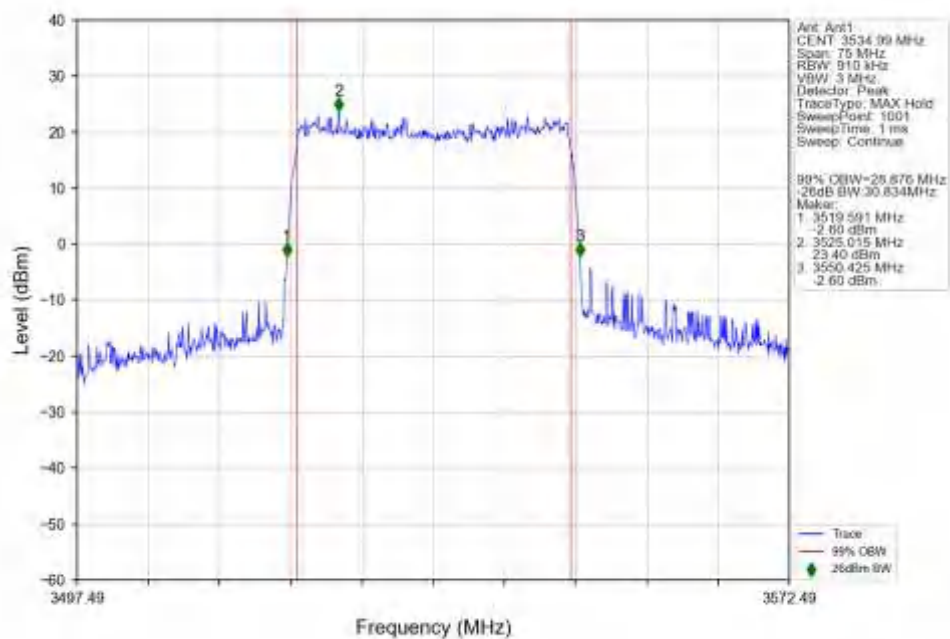
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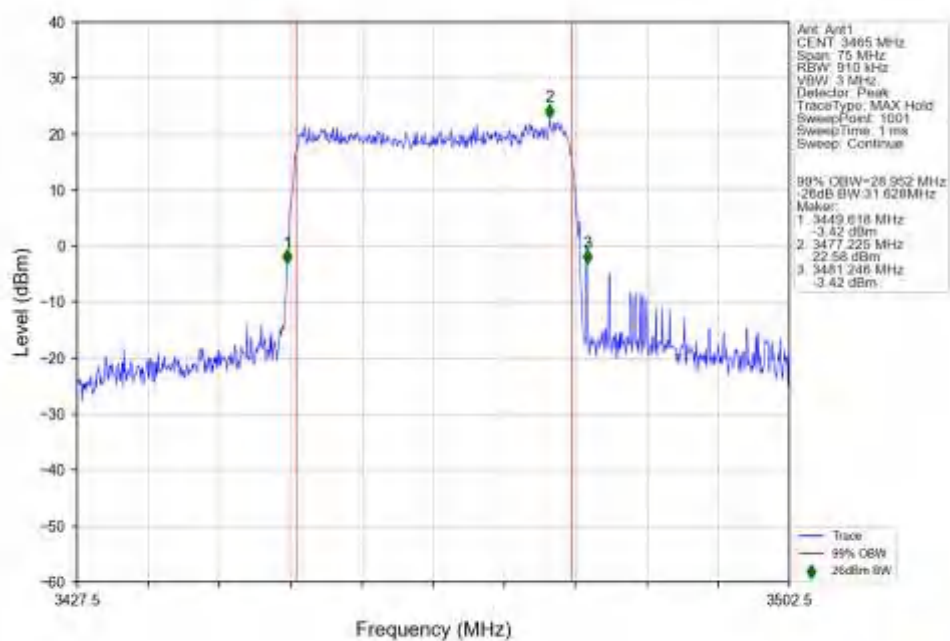
4.2.5 15k_SISO_30MHz_NTNV



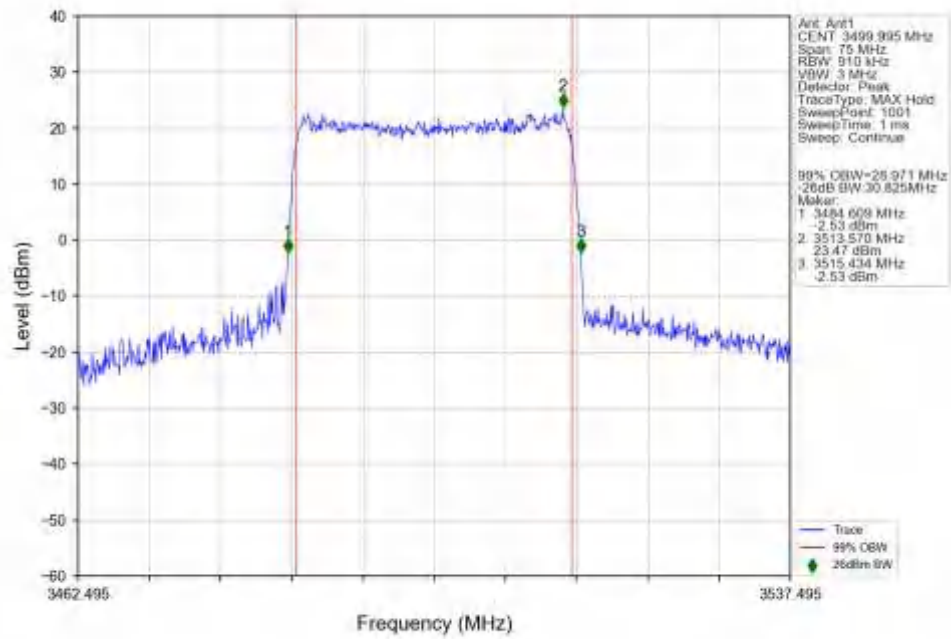
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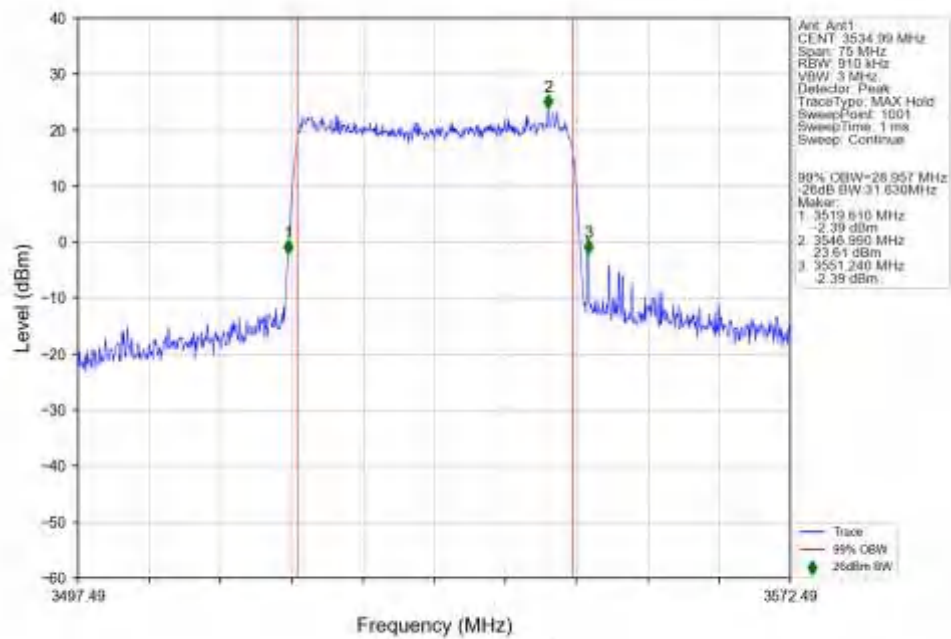
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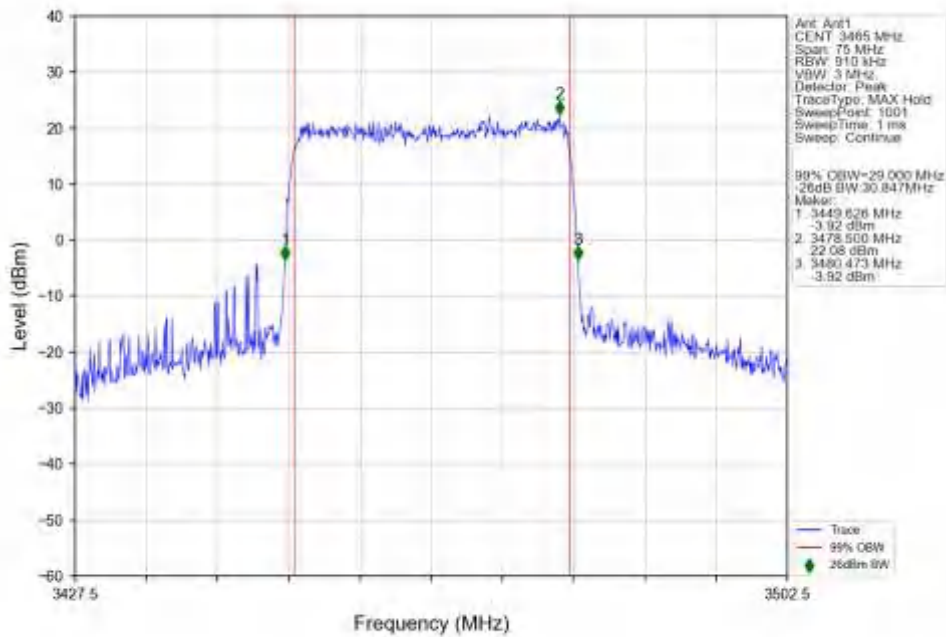
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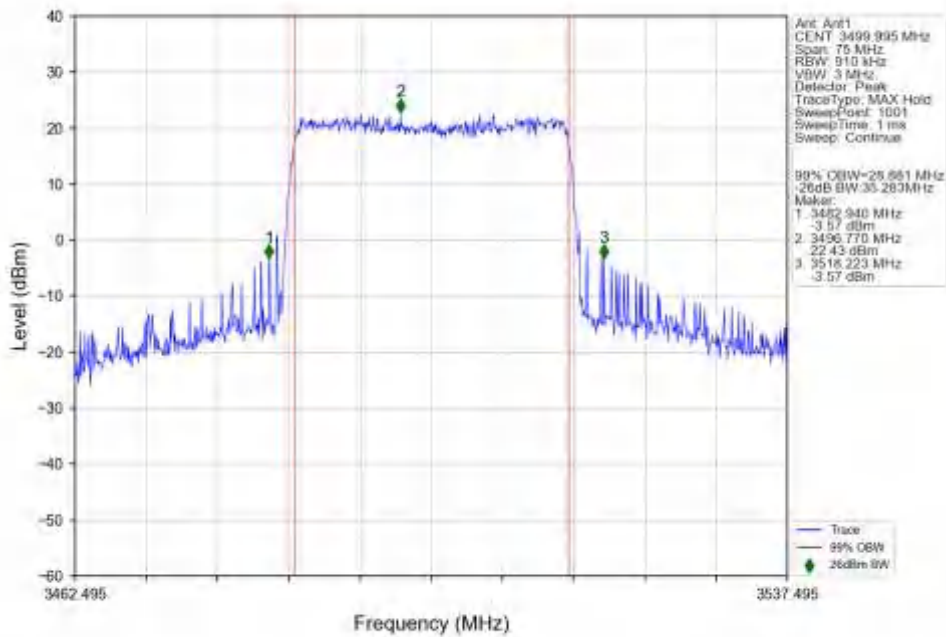
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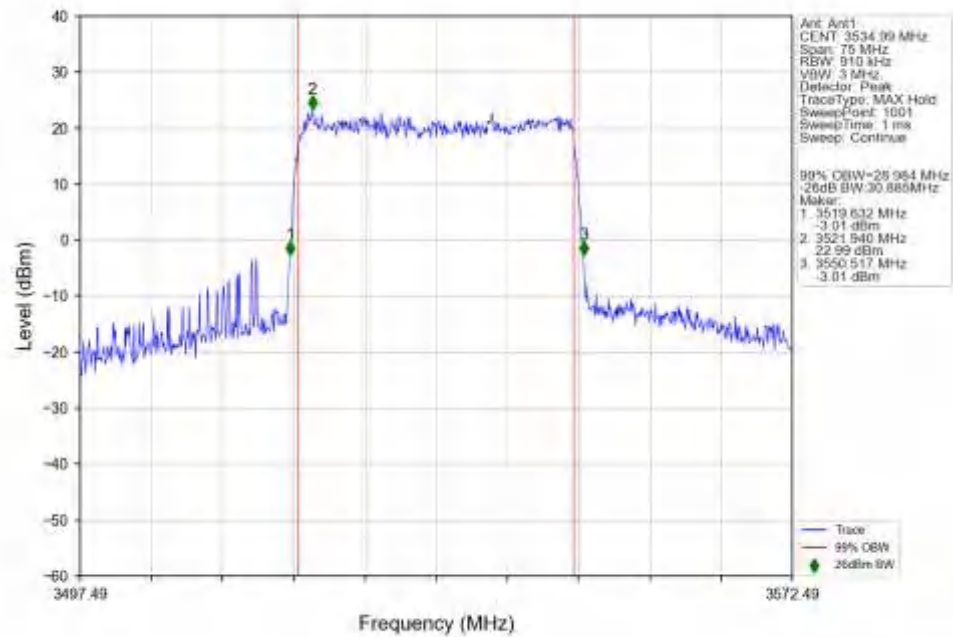
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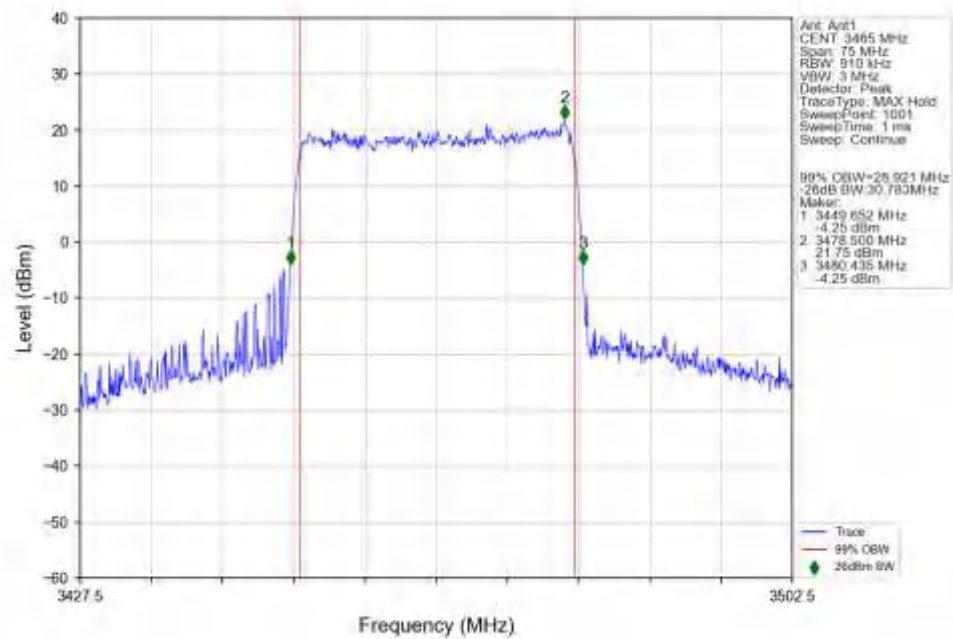
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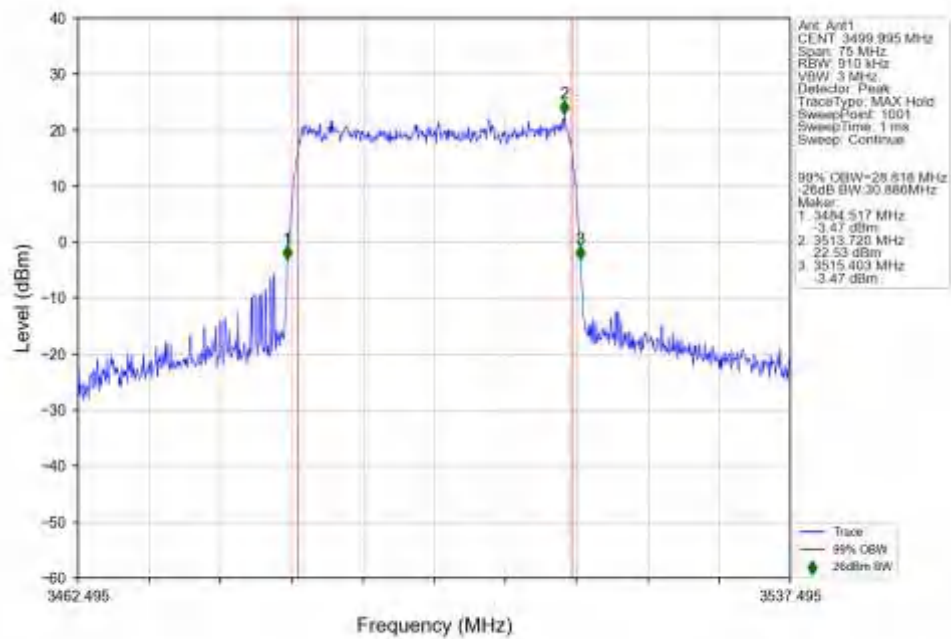
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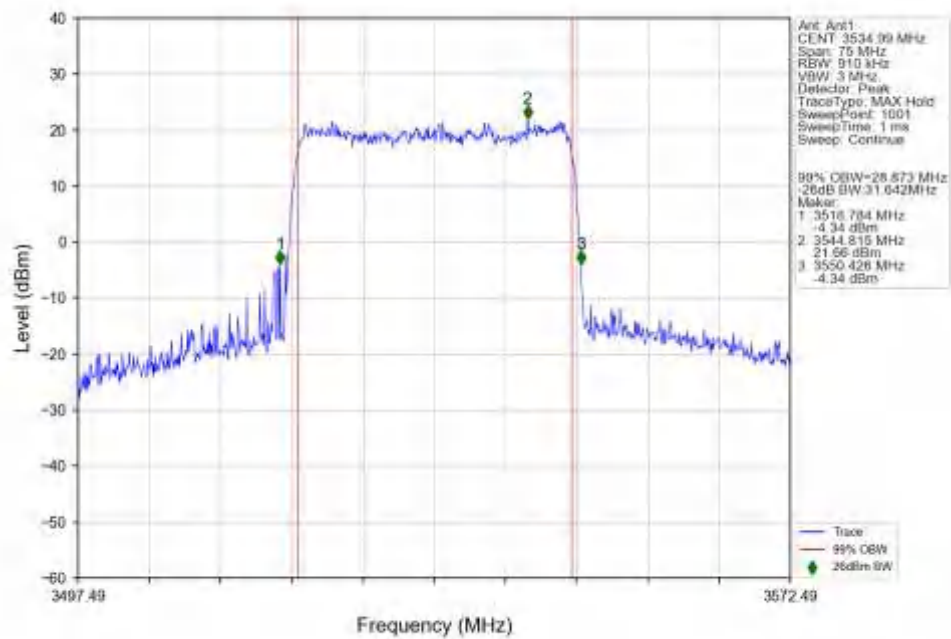
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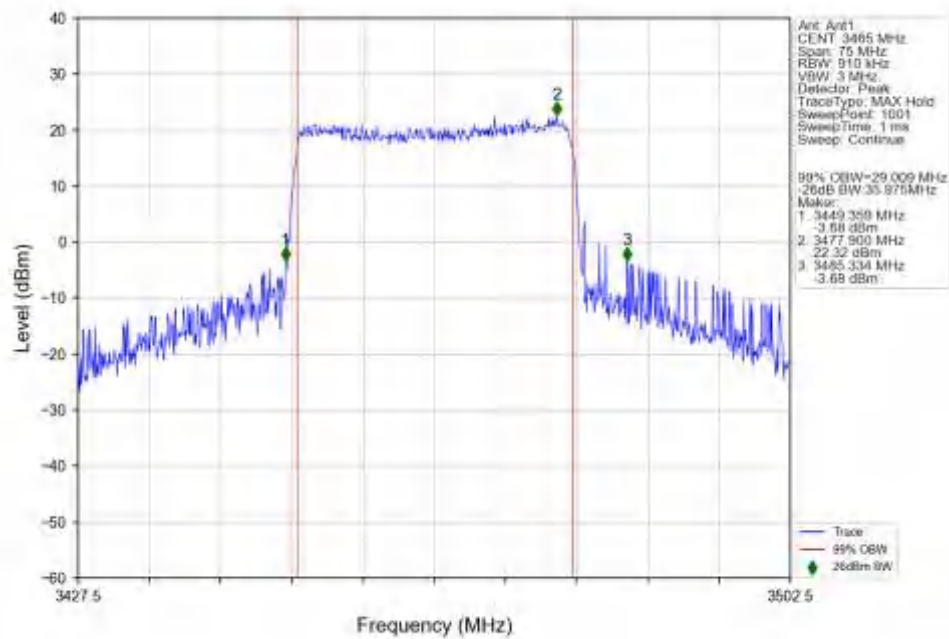
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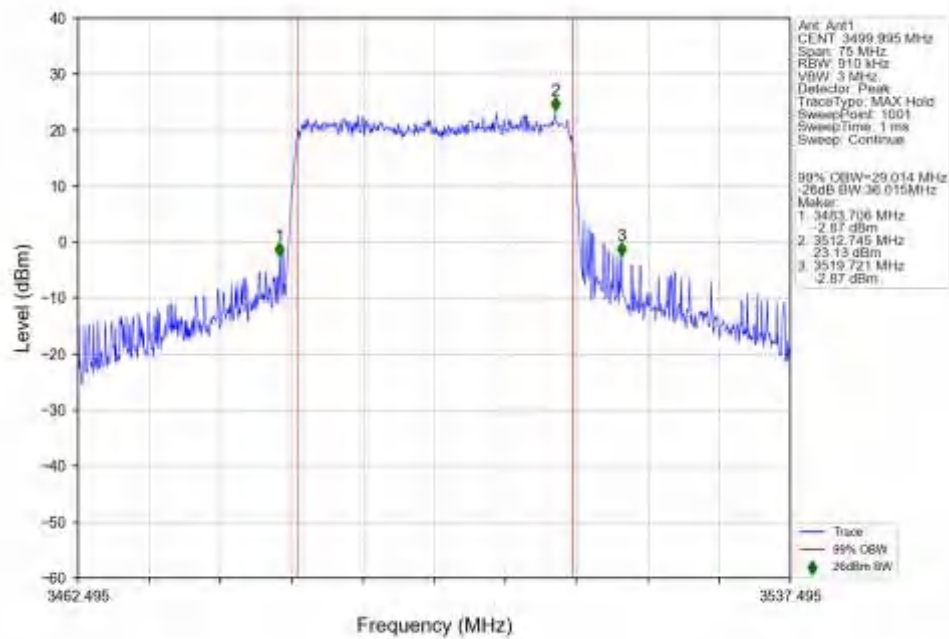
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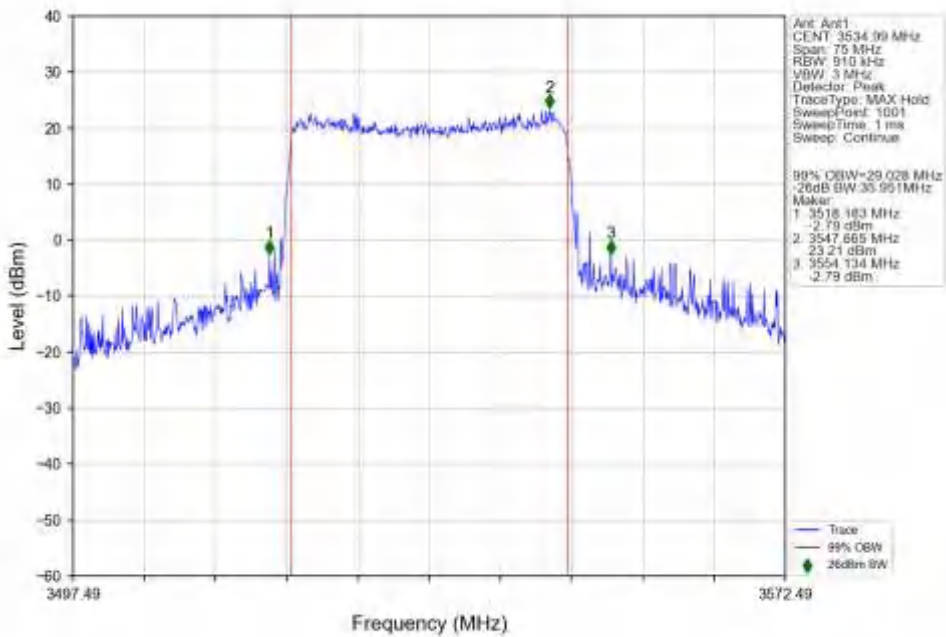
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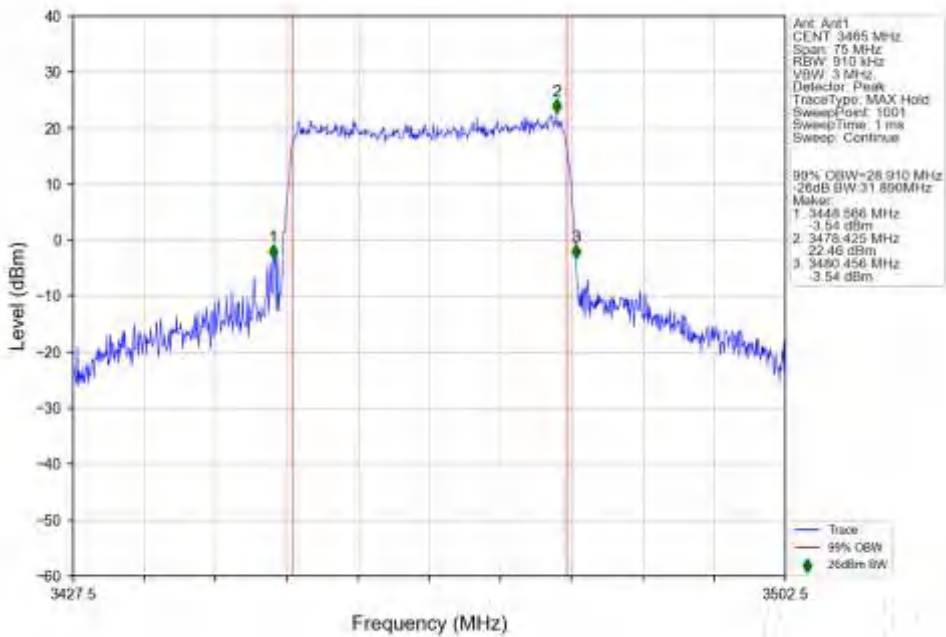
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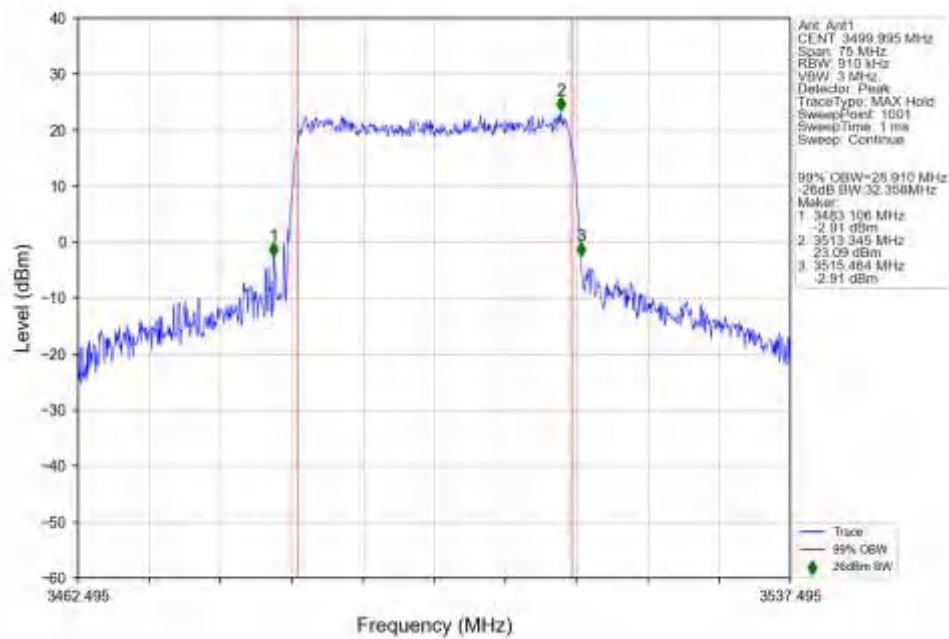
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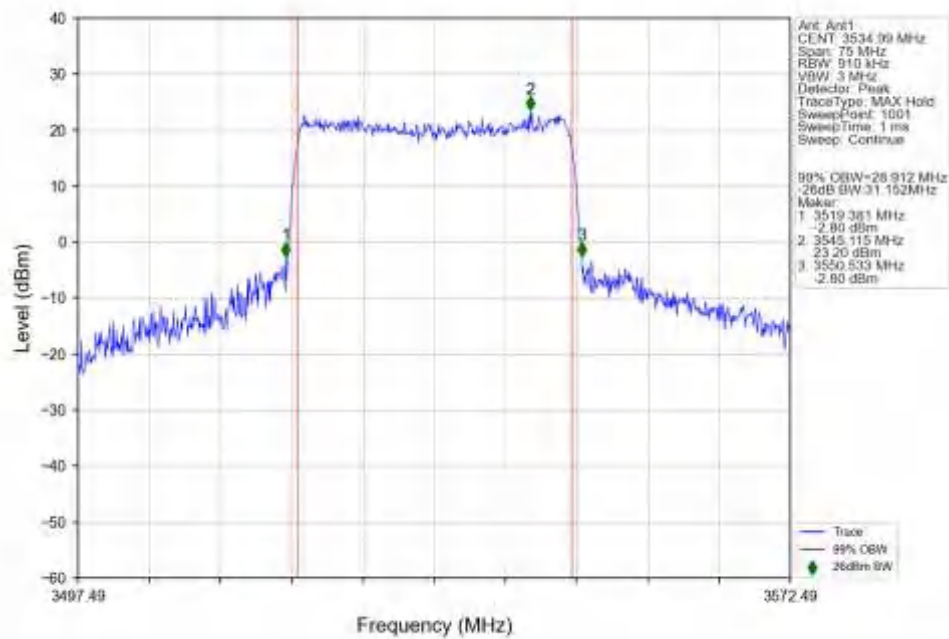
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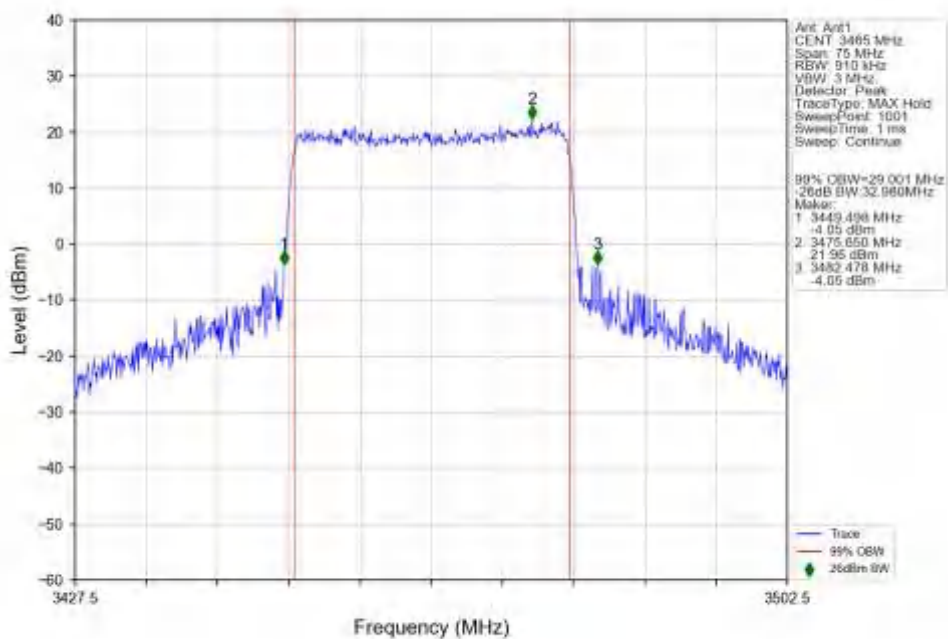
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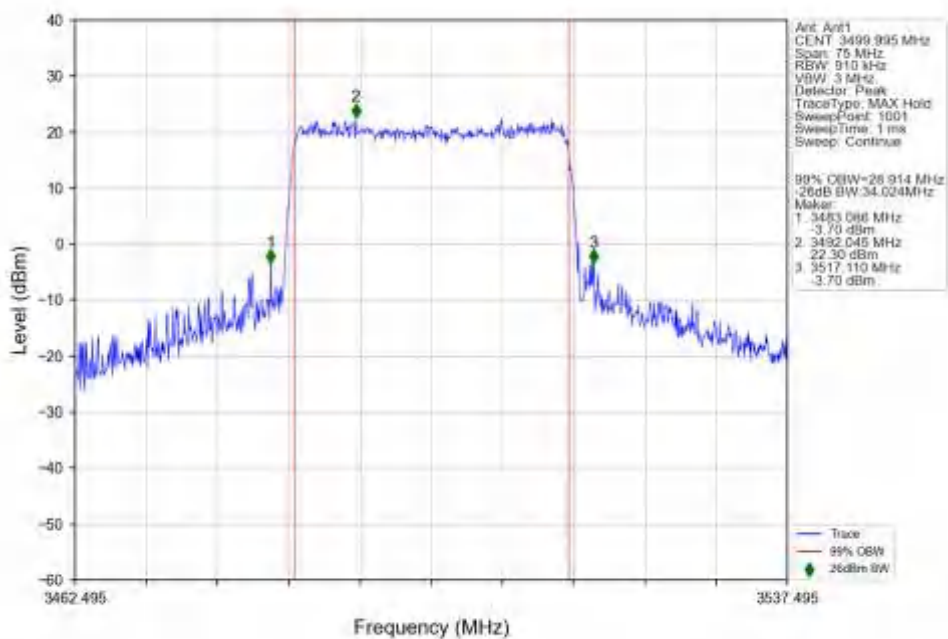
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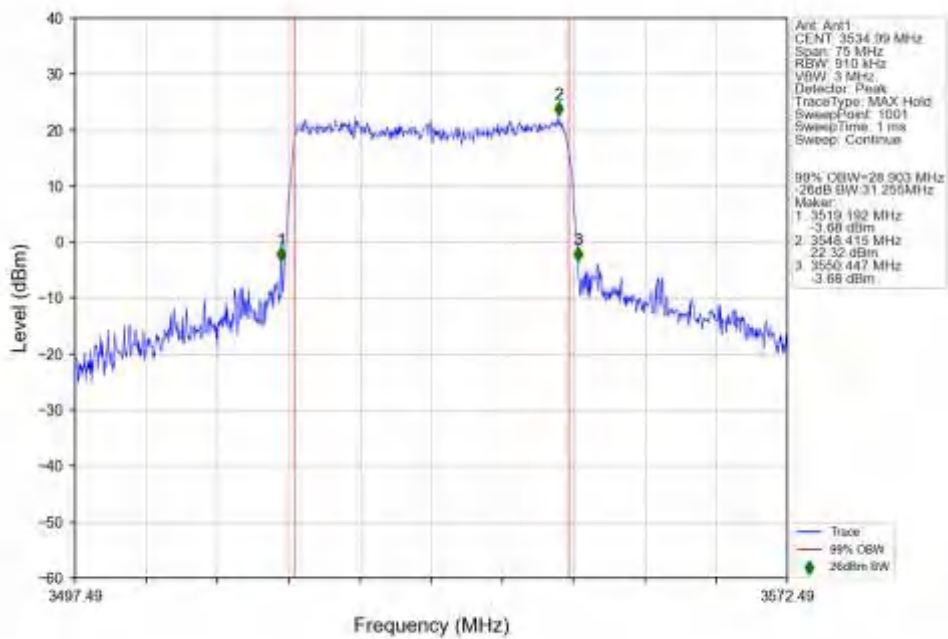
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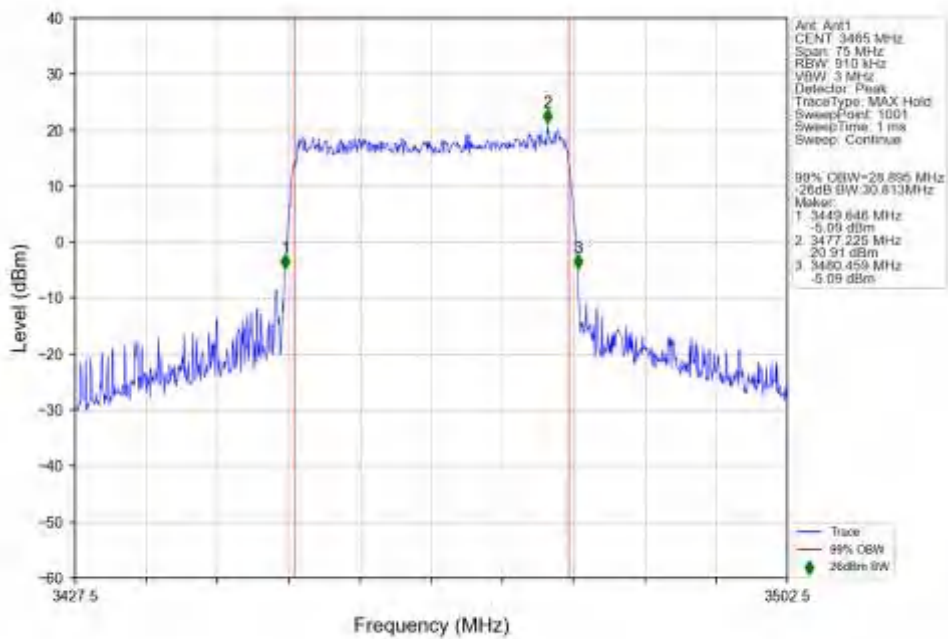
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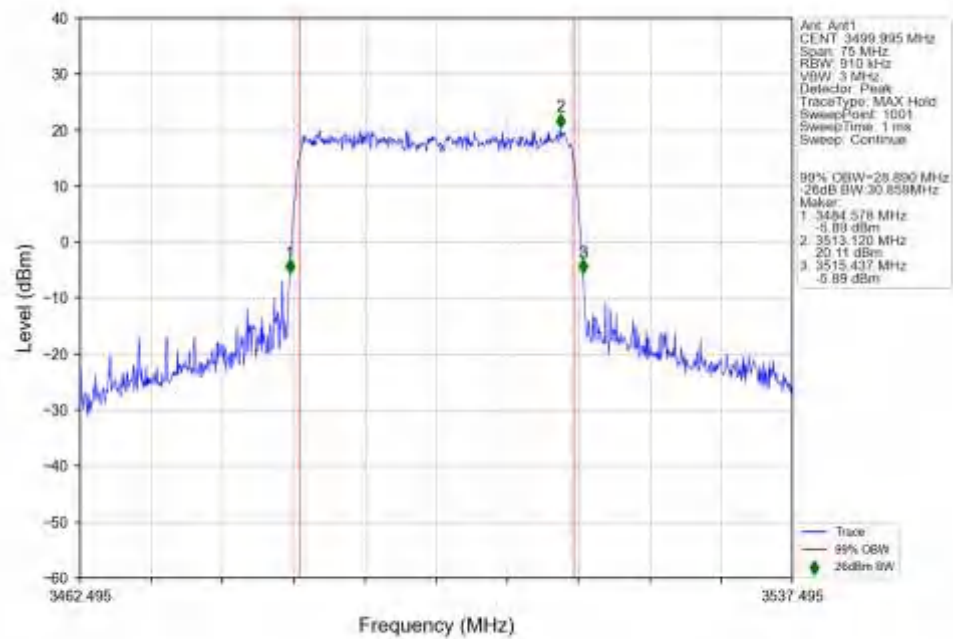
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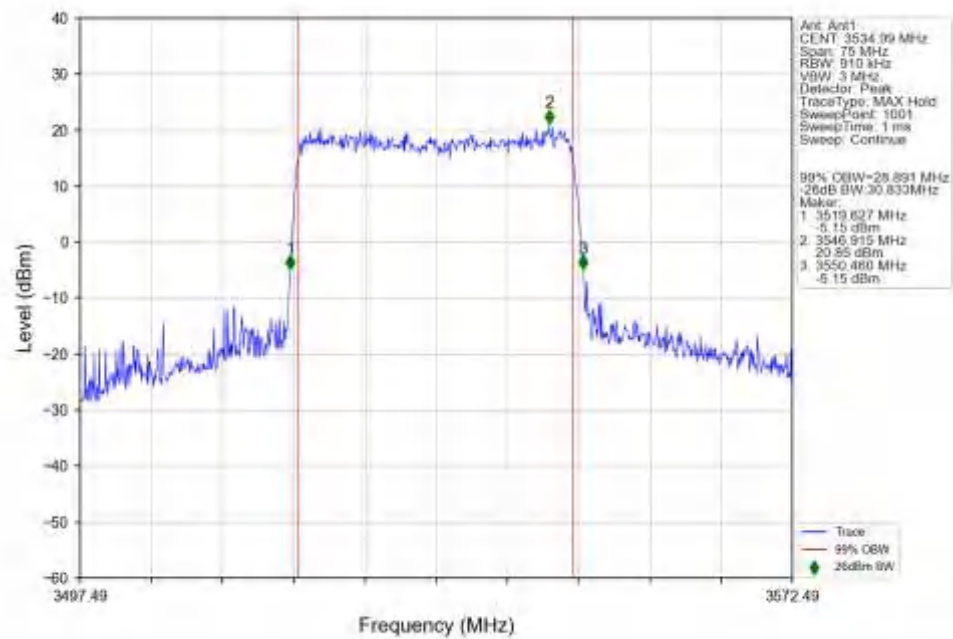
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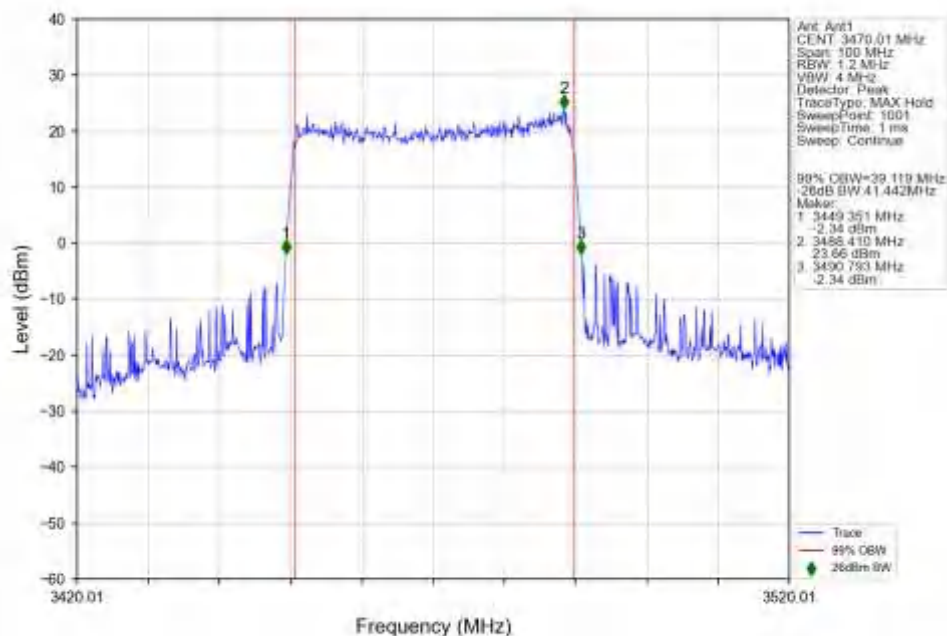


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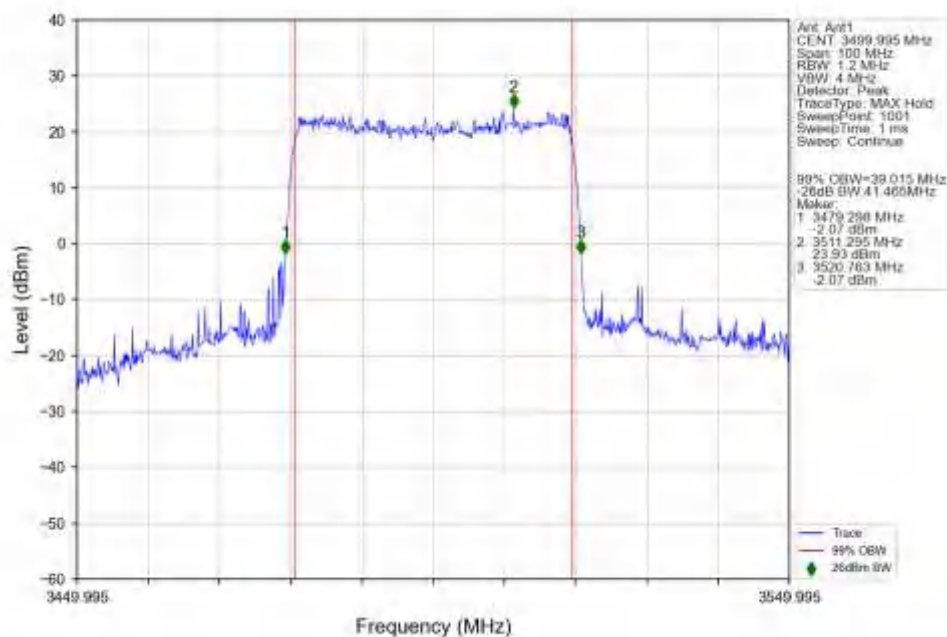


4.2.6 15k_SISO_40MHz_NTNV

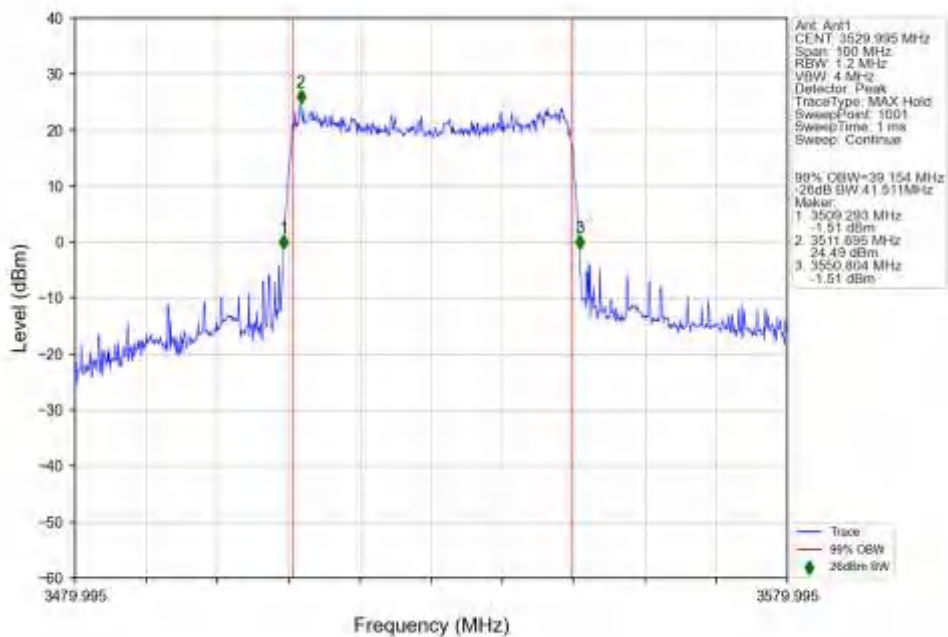
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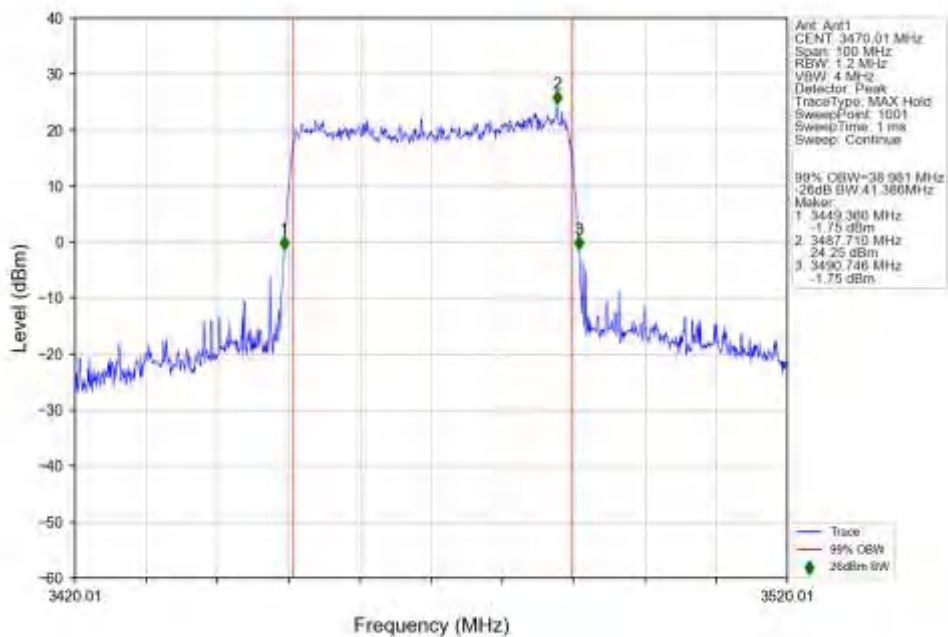
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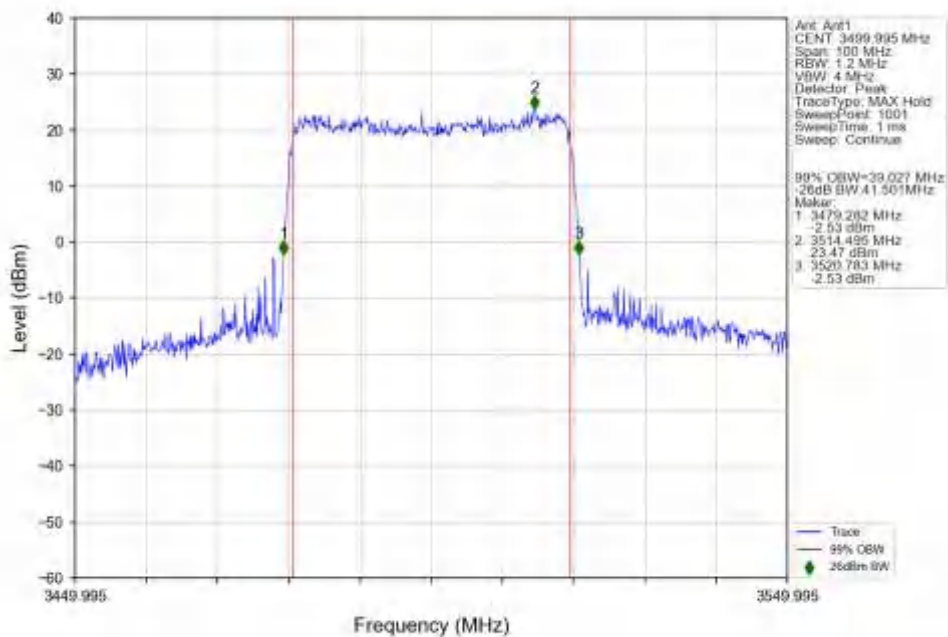
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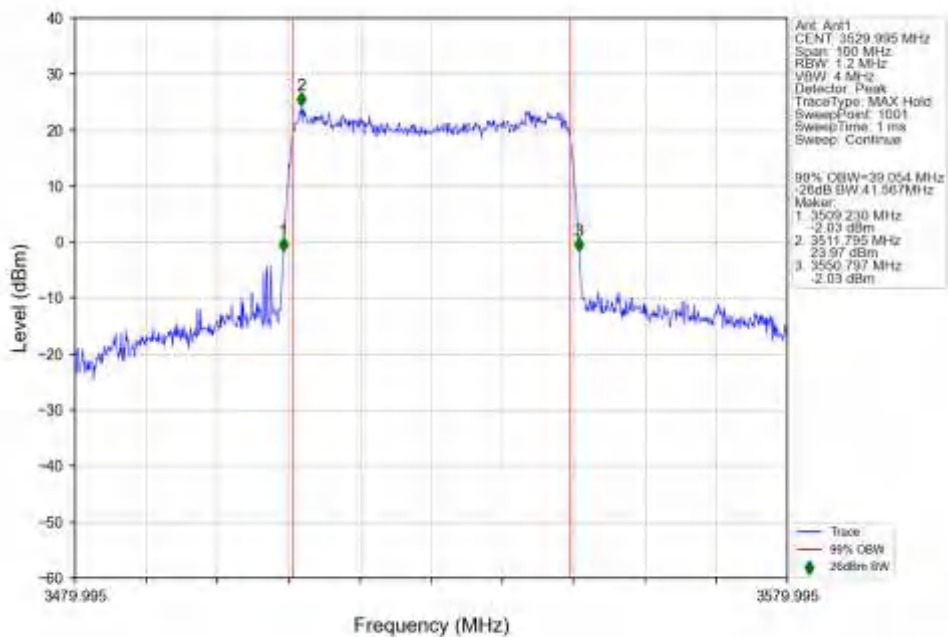
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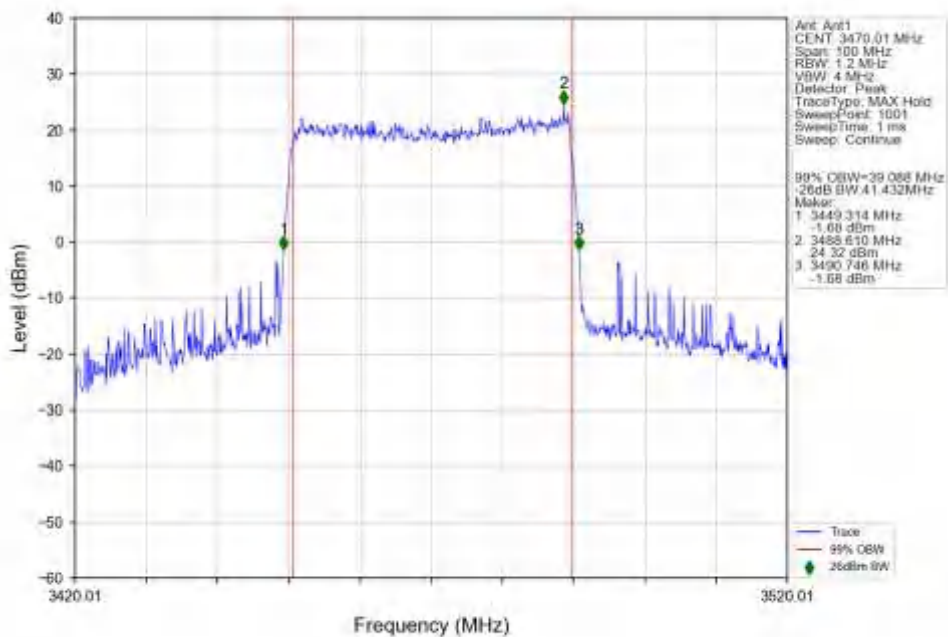
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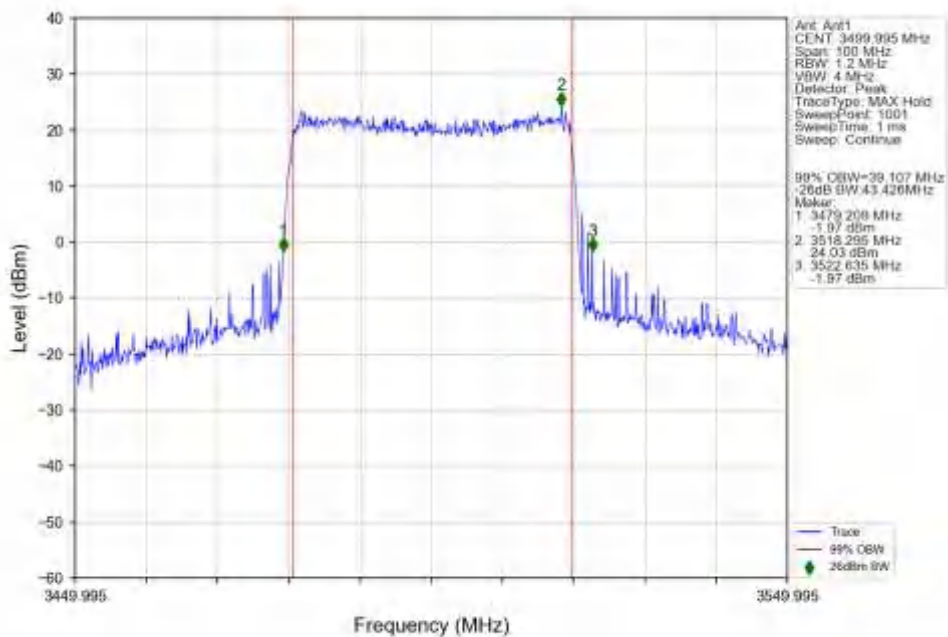
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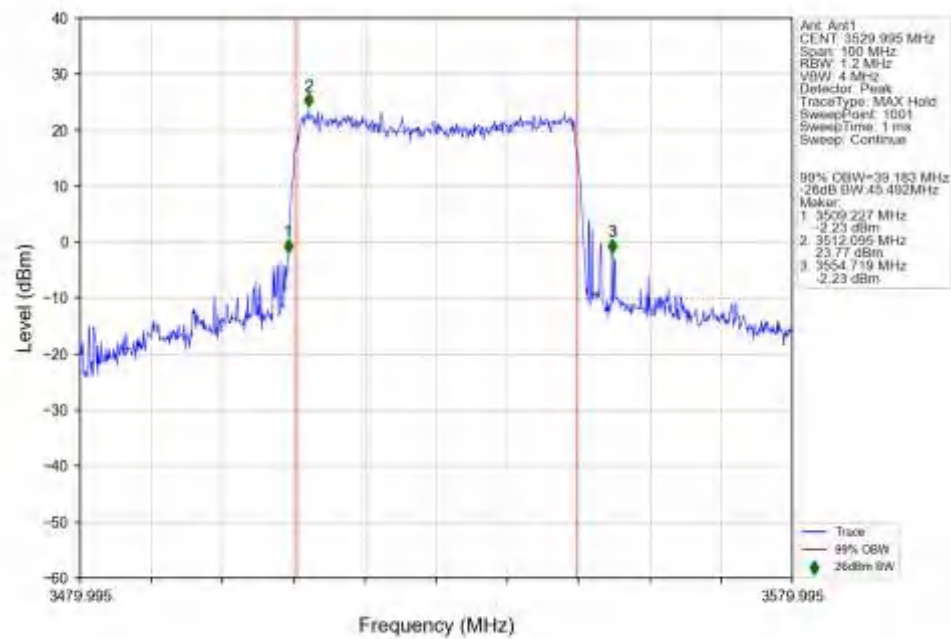
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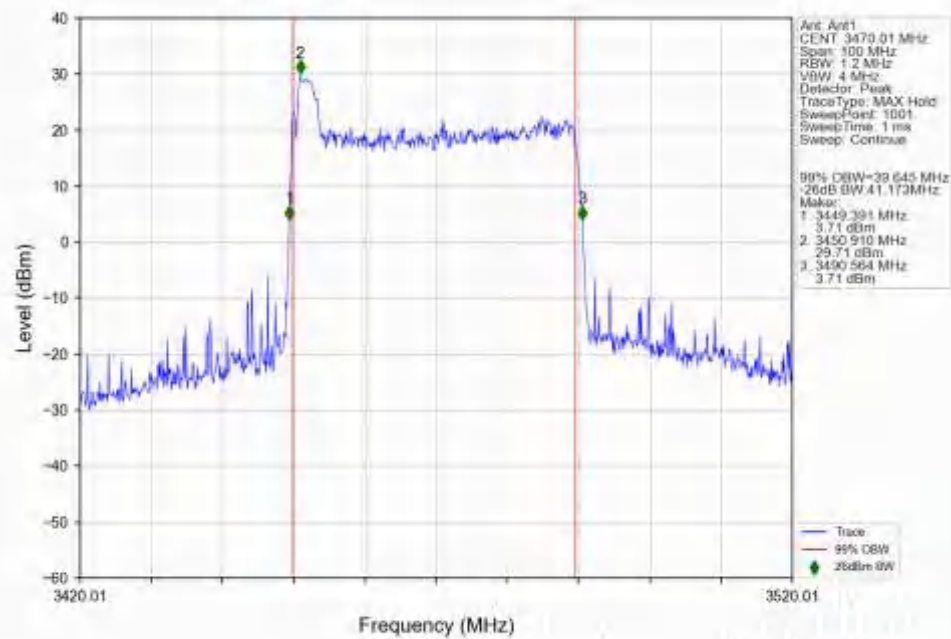
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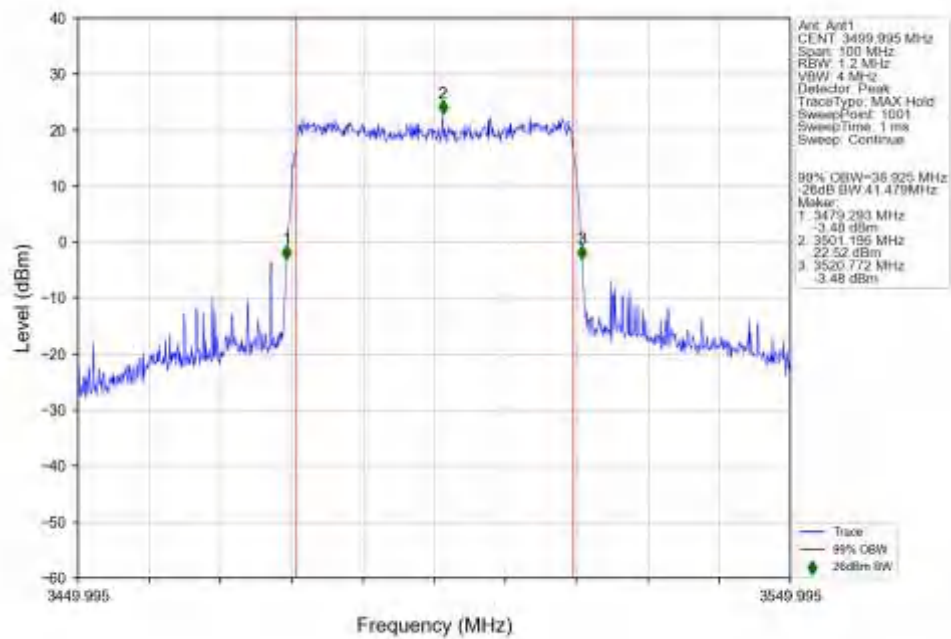
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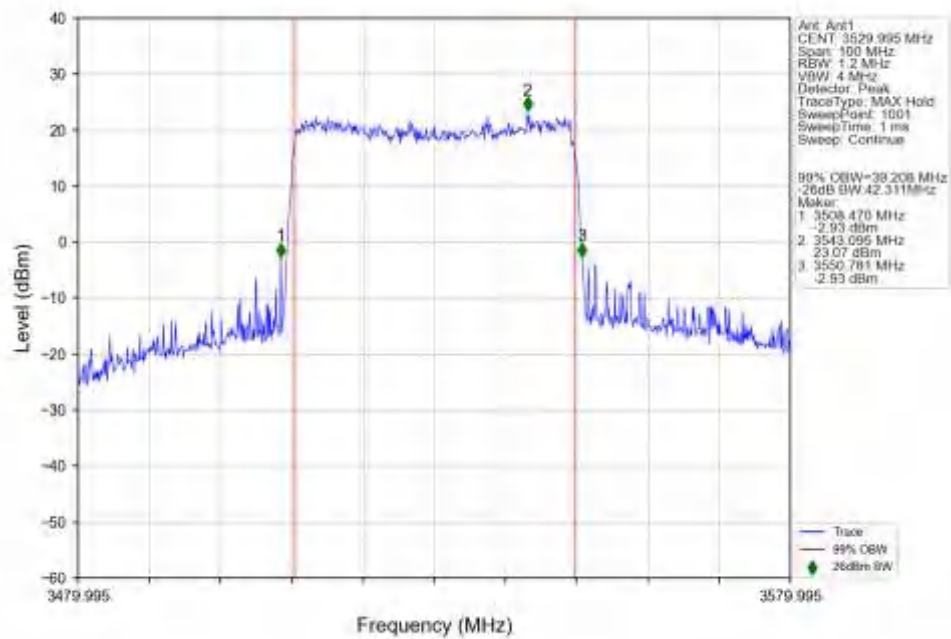
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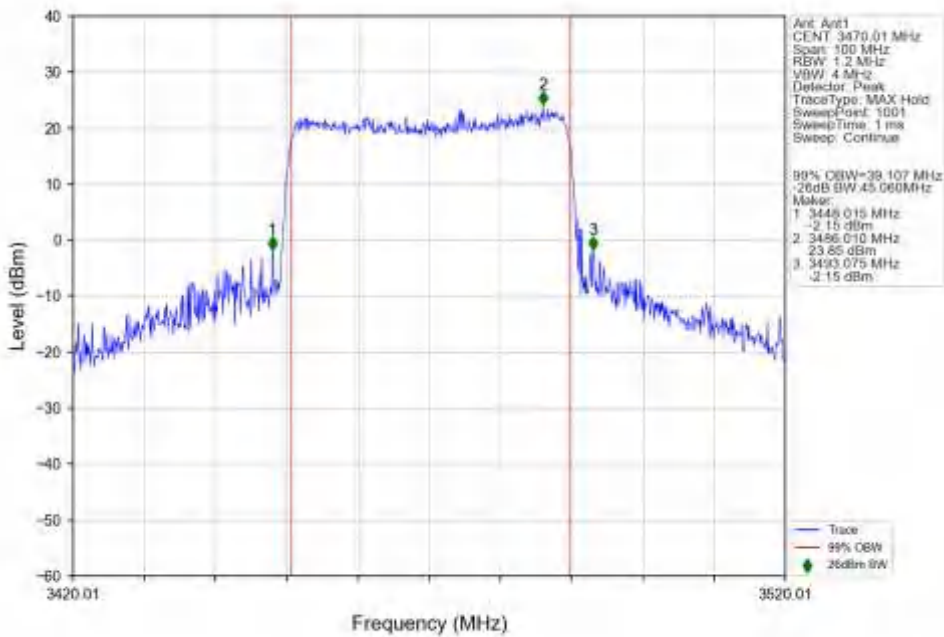
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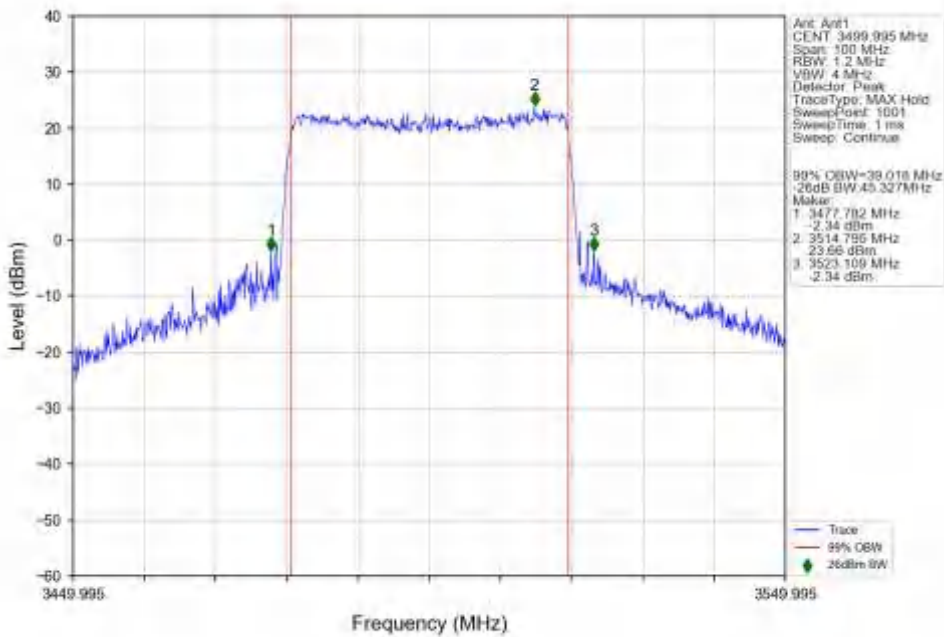
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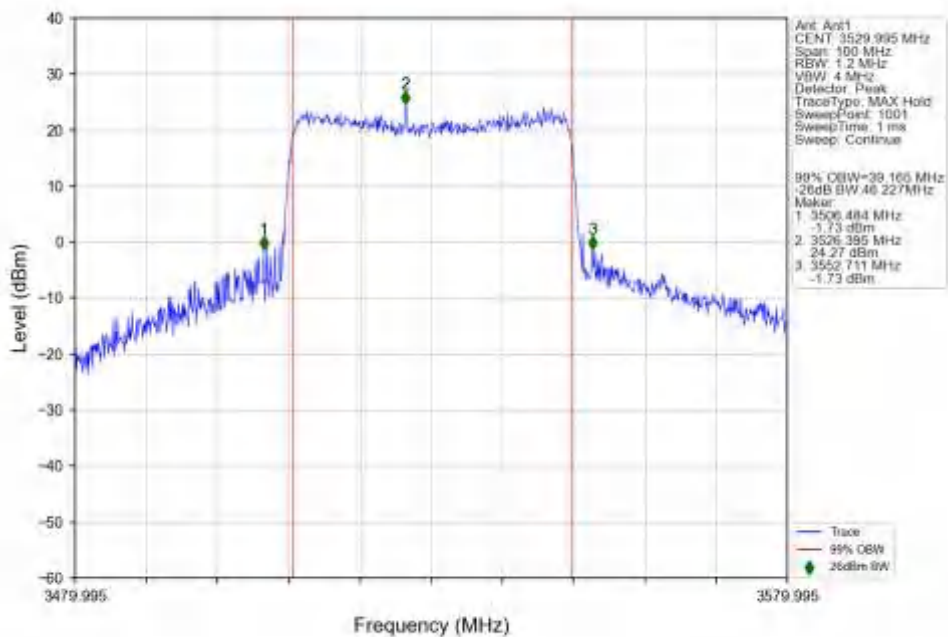
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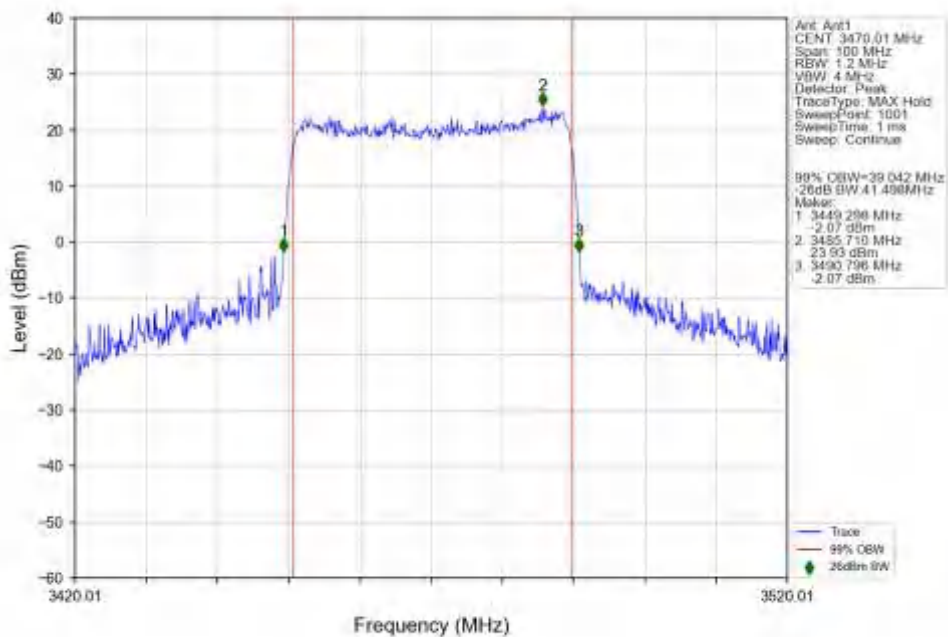
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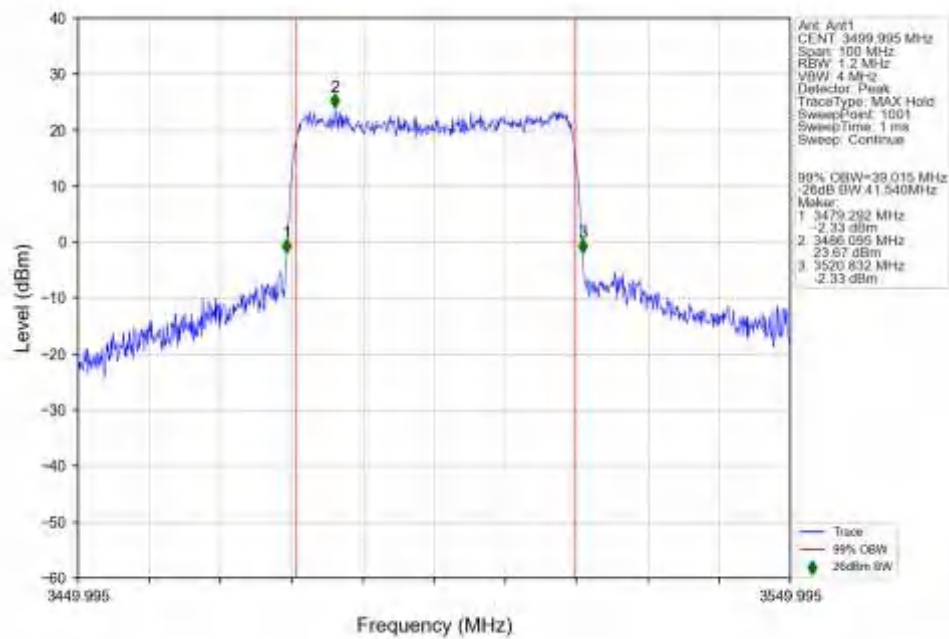
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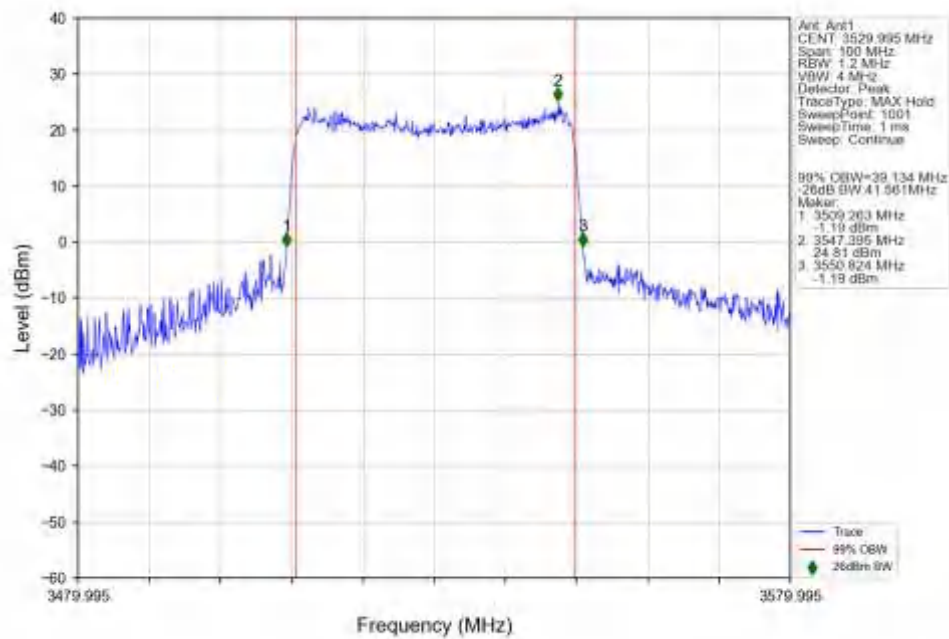
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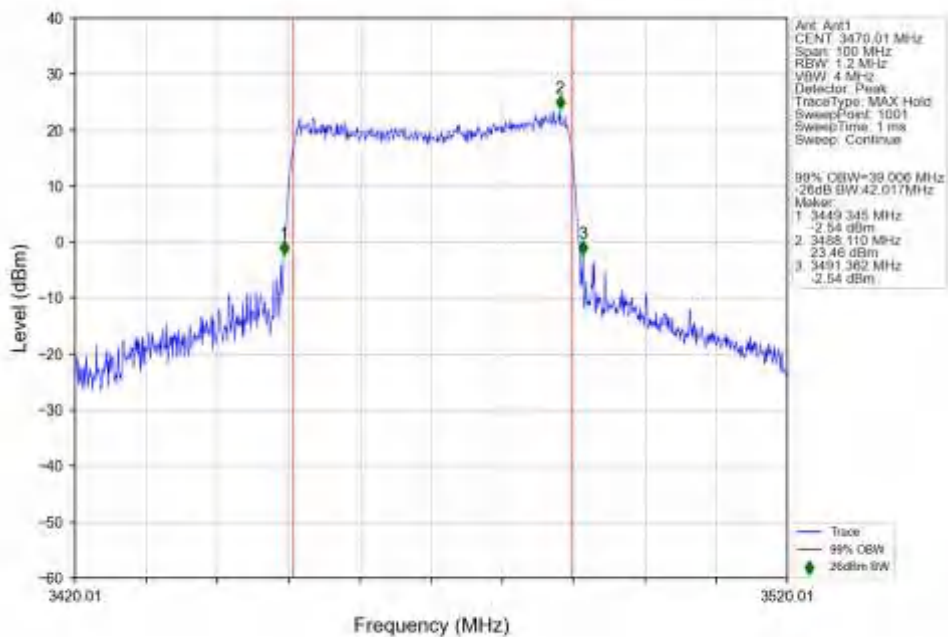
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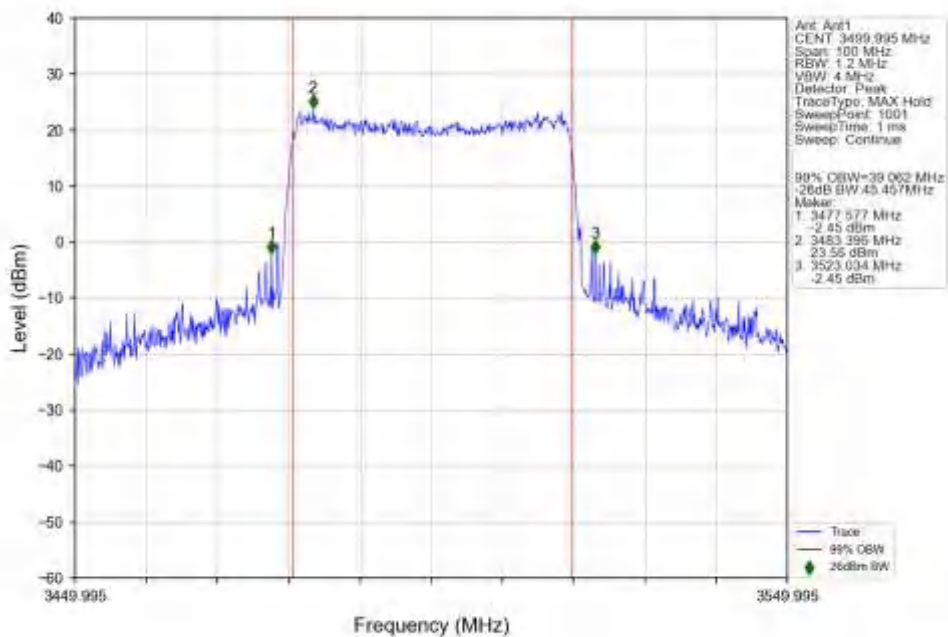
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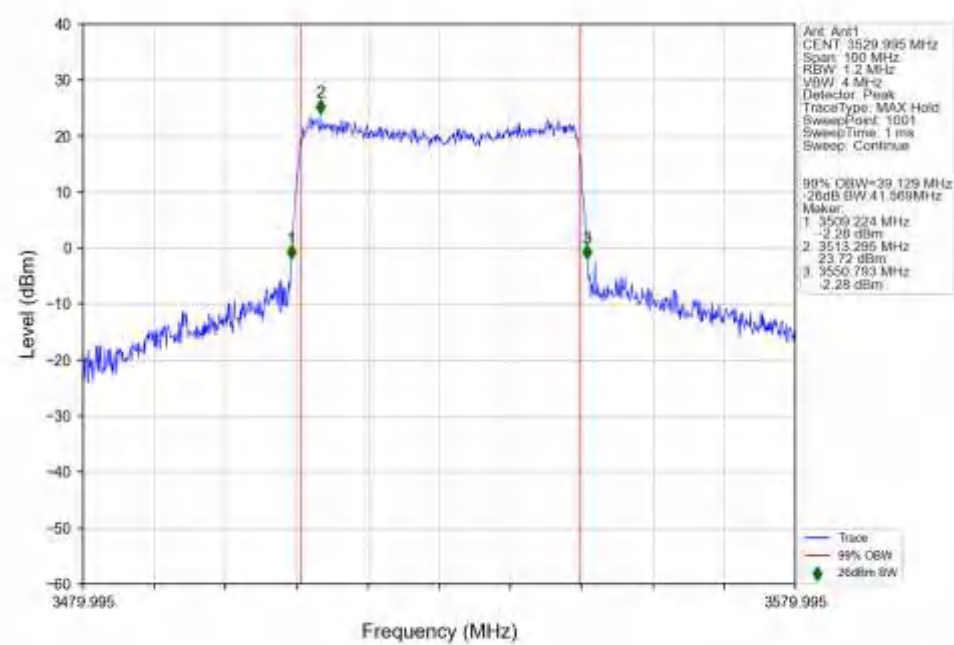
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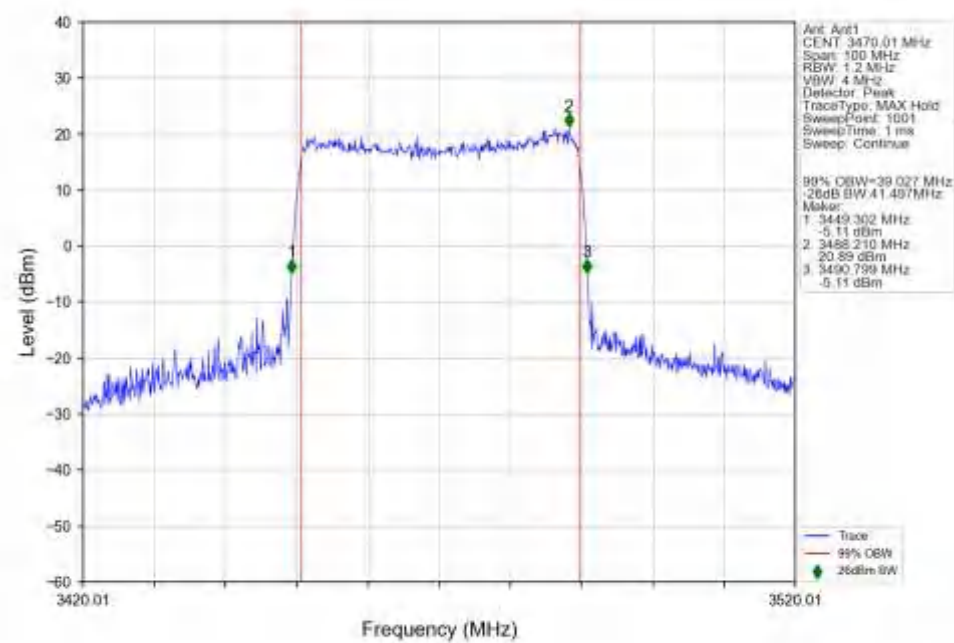
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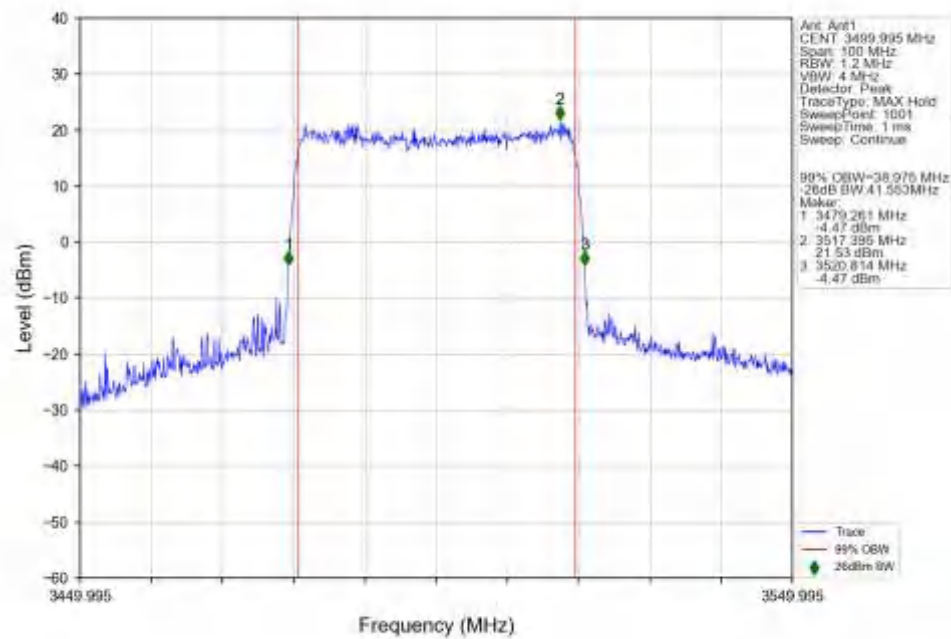
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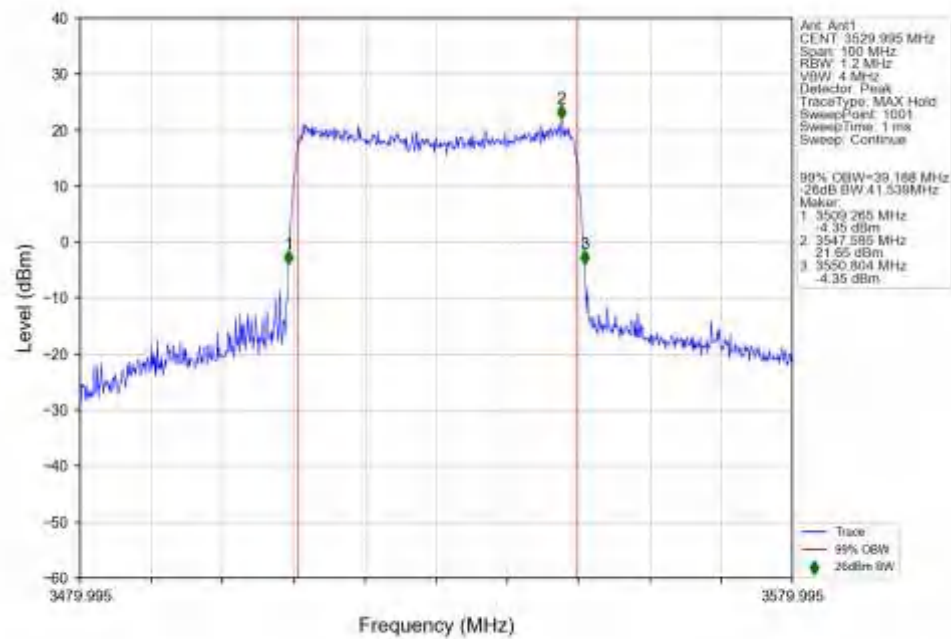
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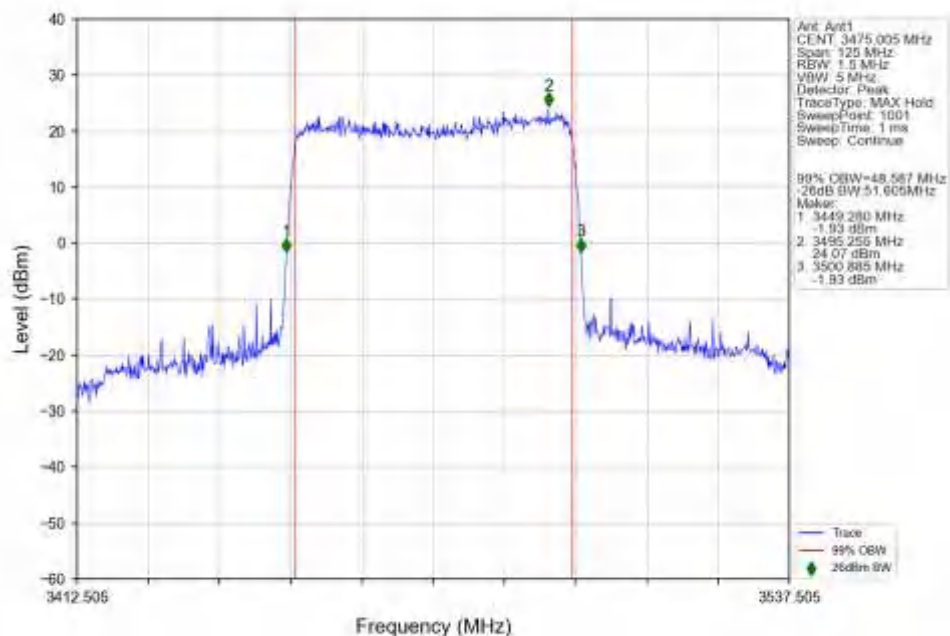


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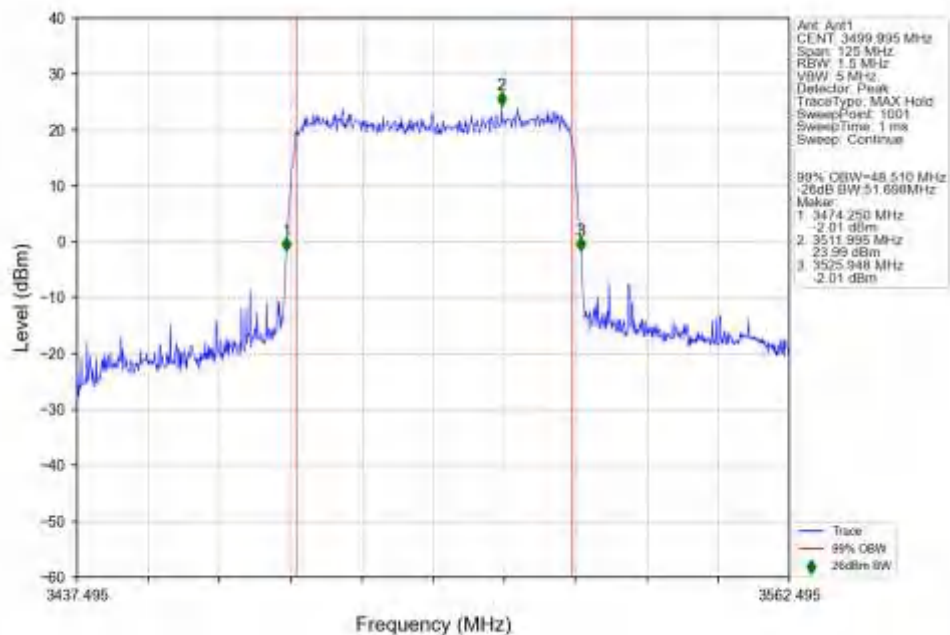


4.2.7 15k_SISO_50MHz_NTNV

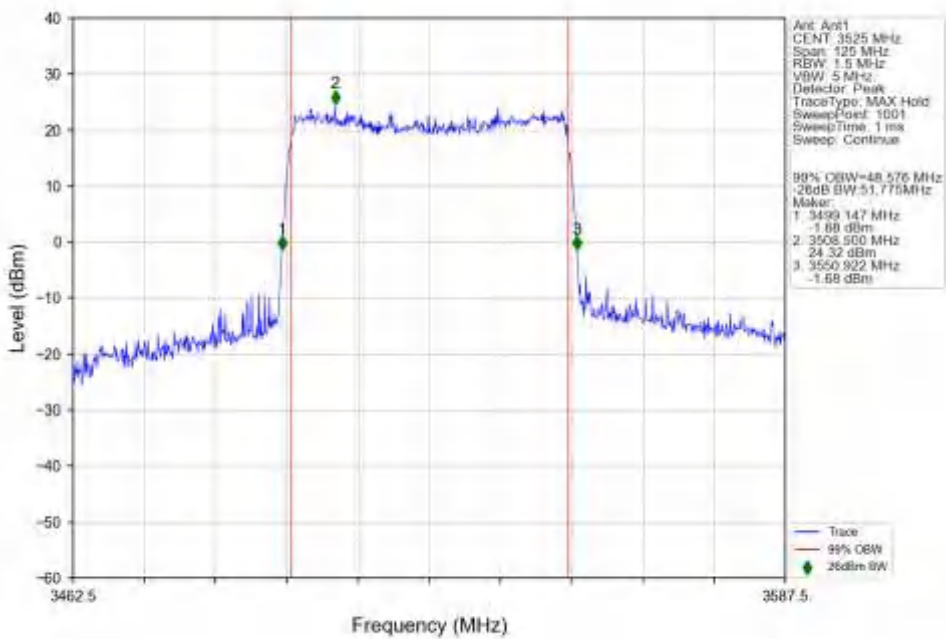
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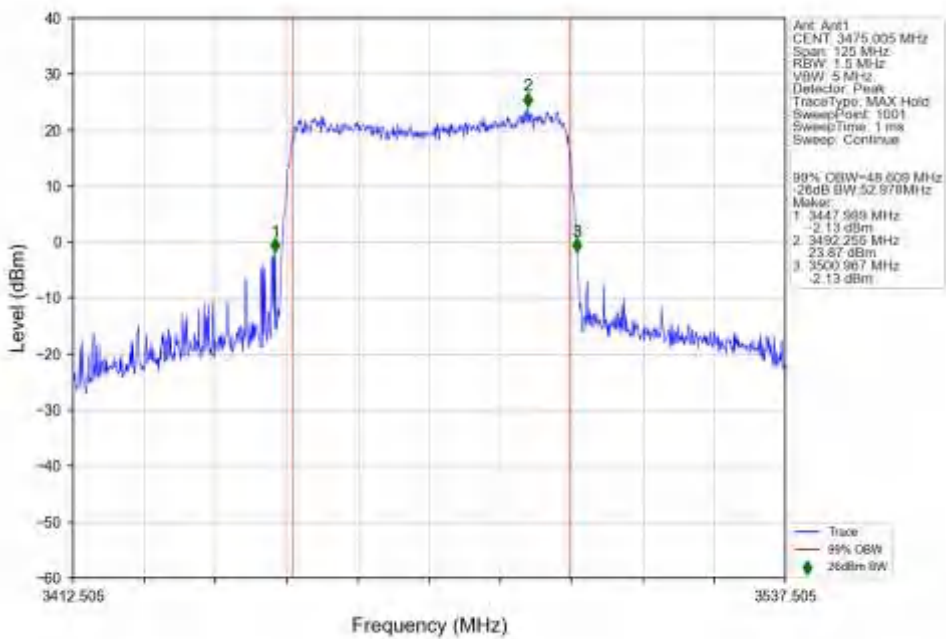
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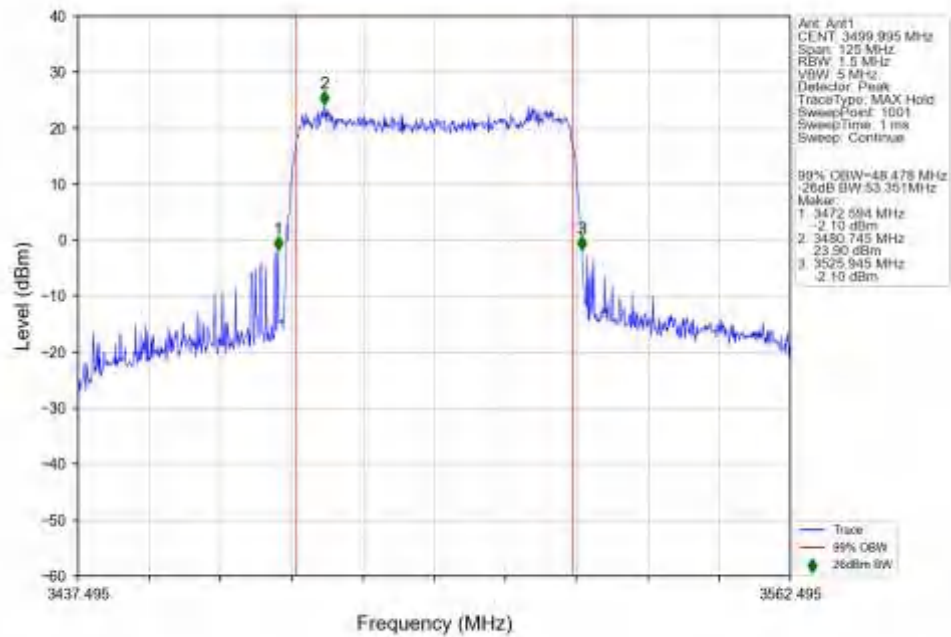
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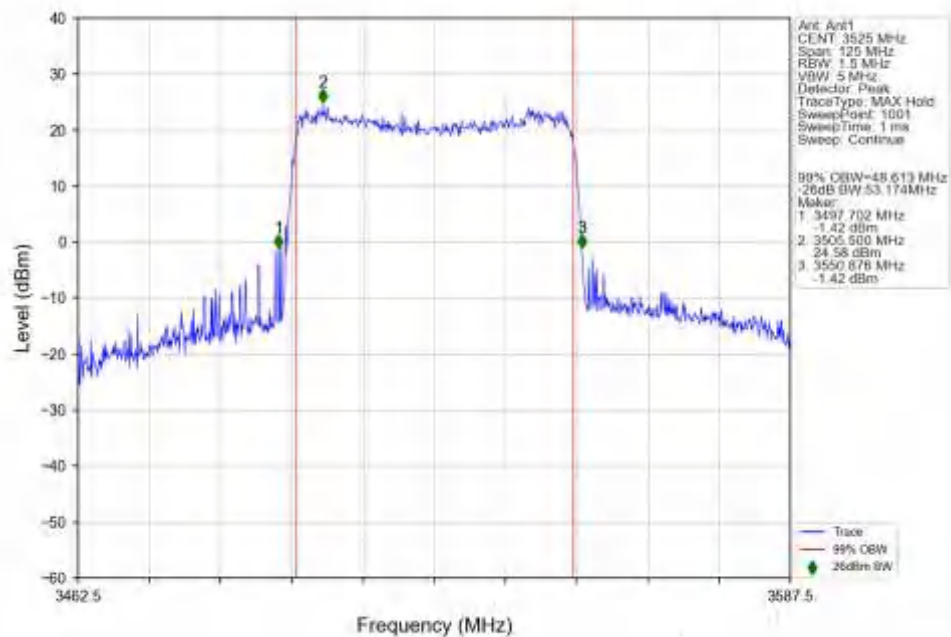
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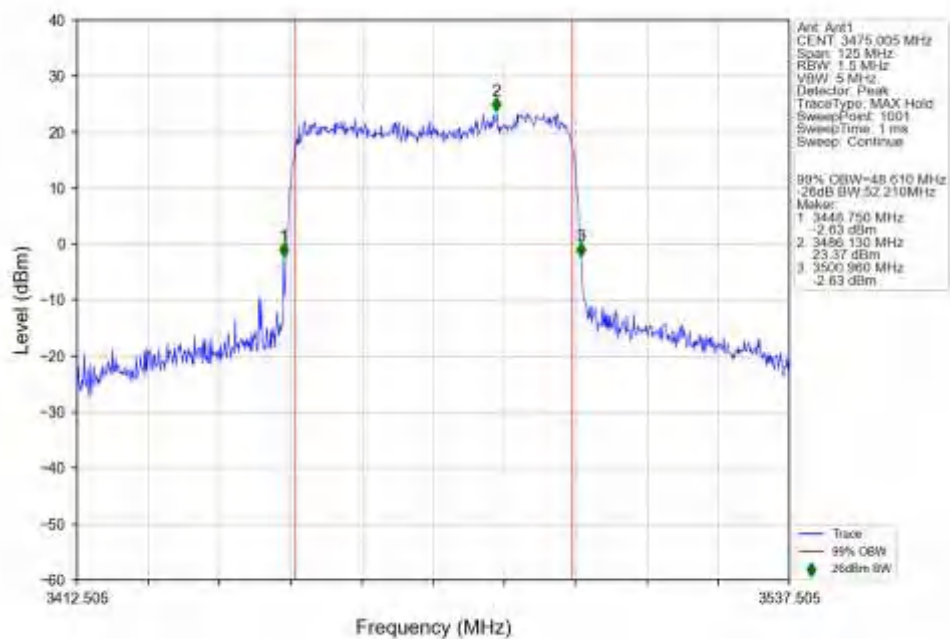
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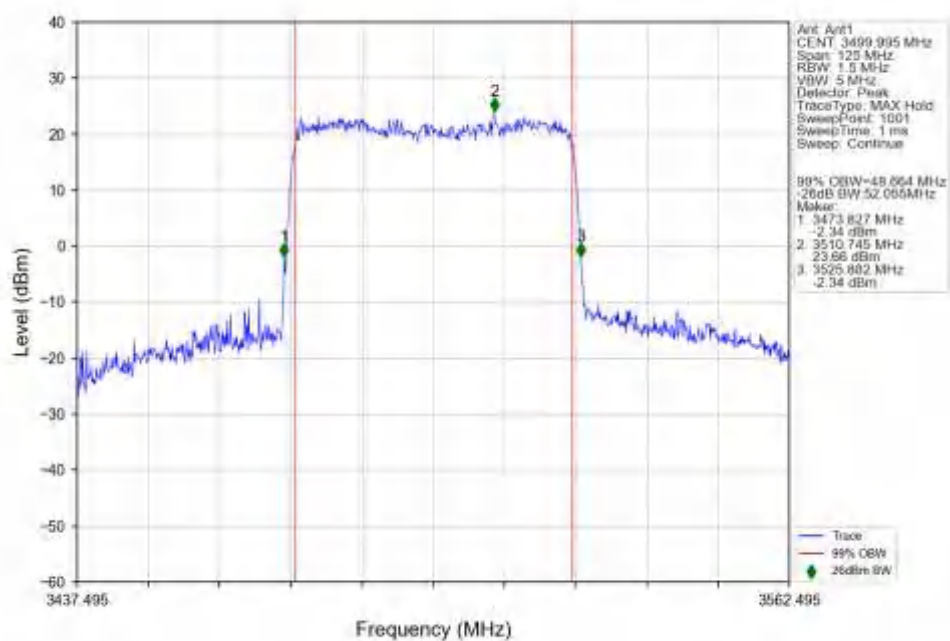
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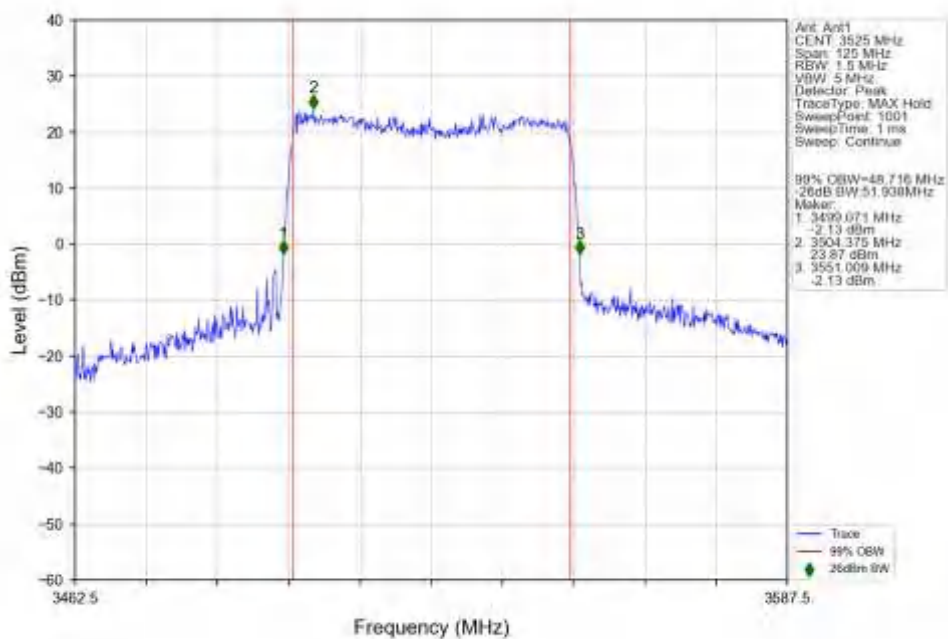
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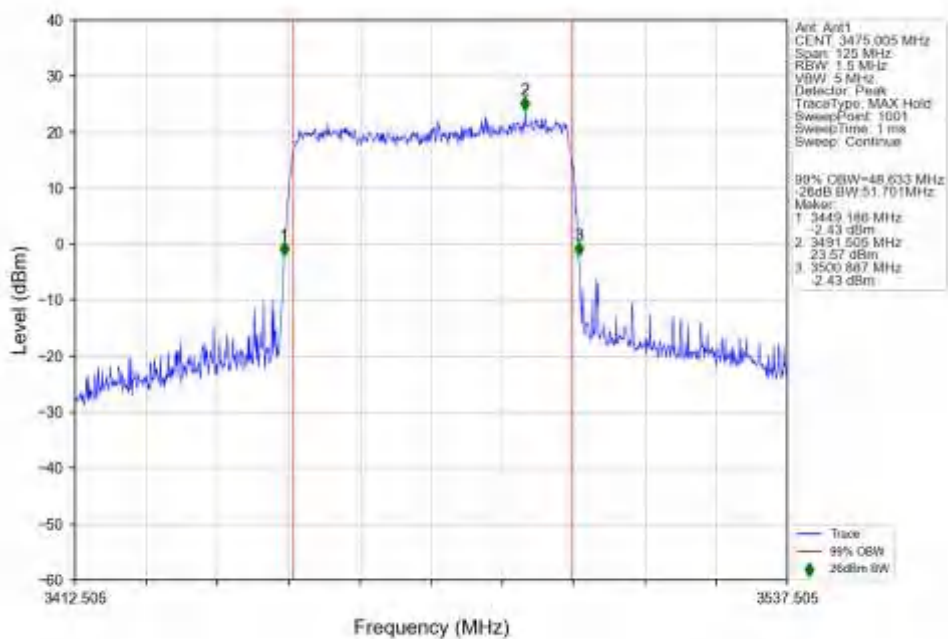
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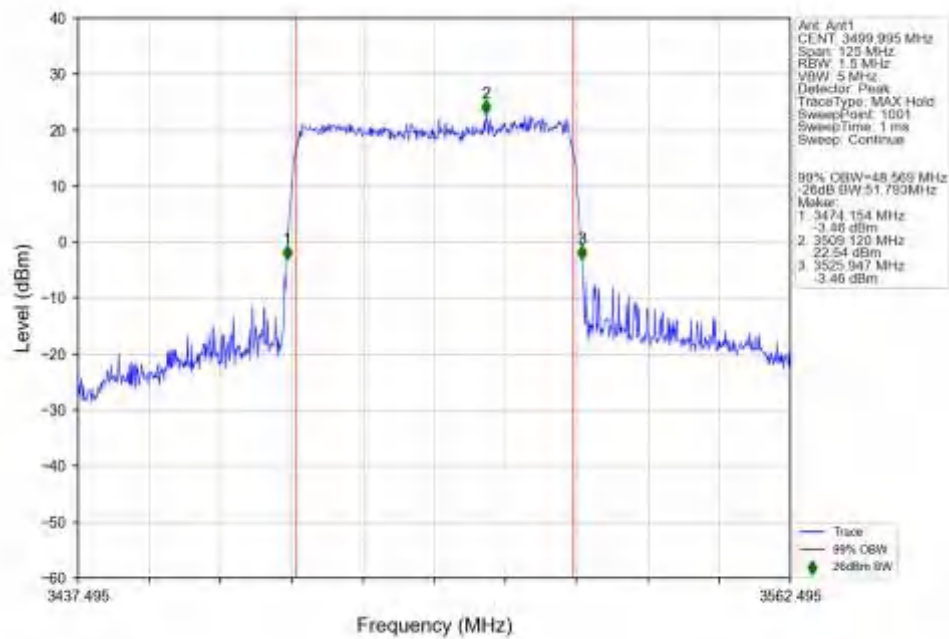
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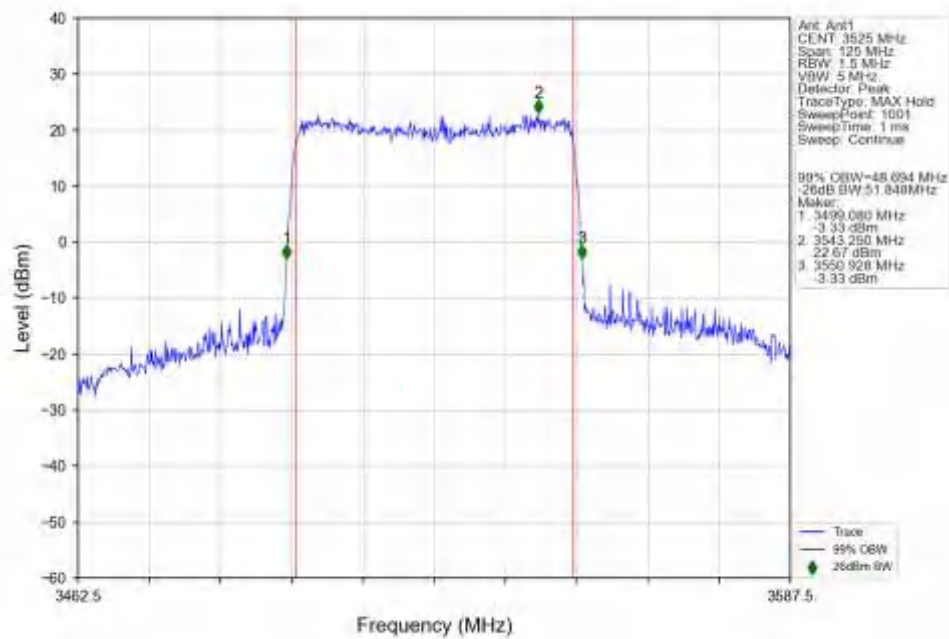
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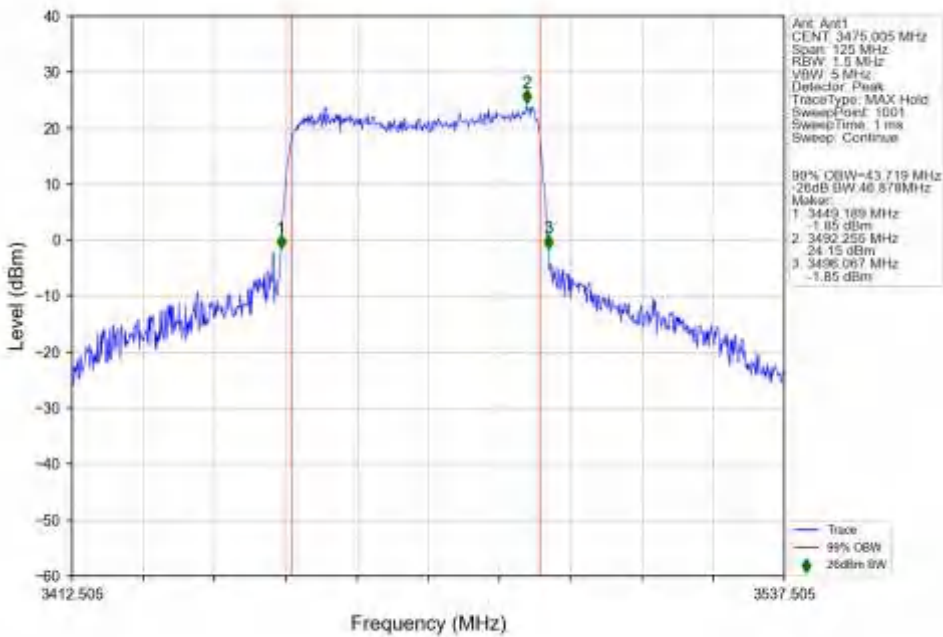
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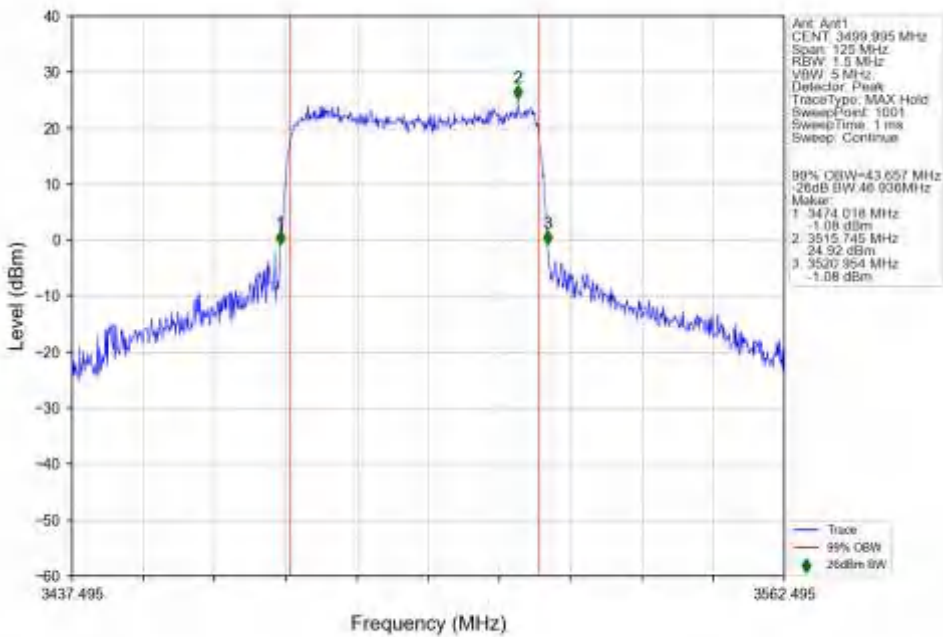
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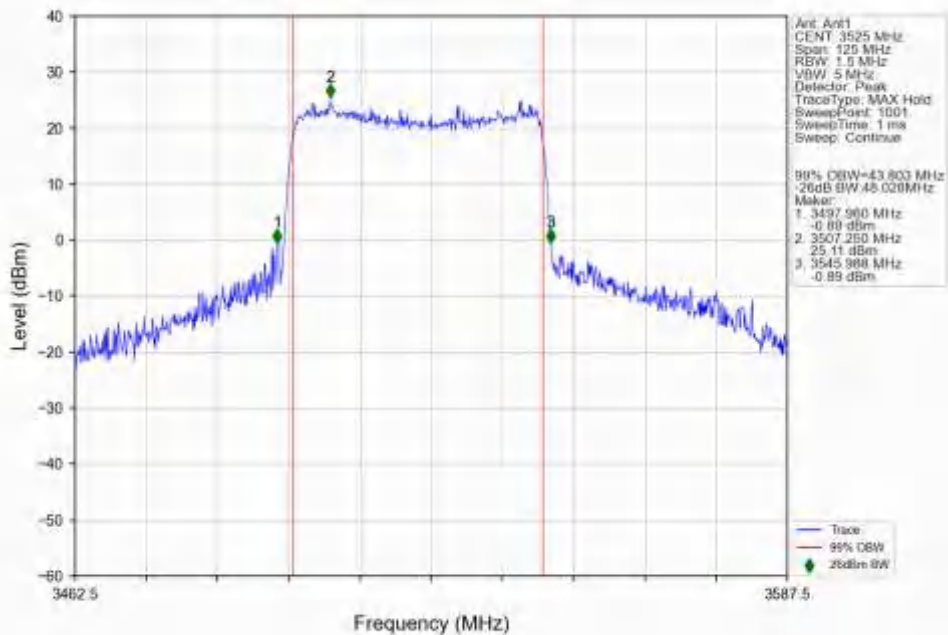
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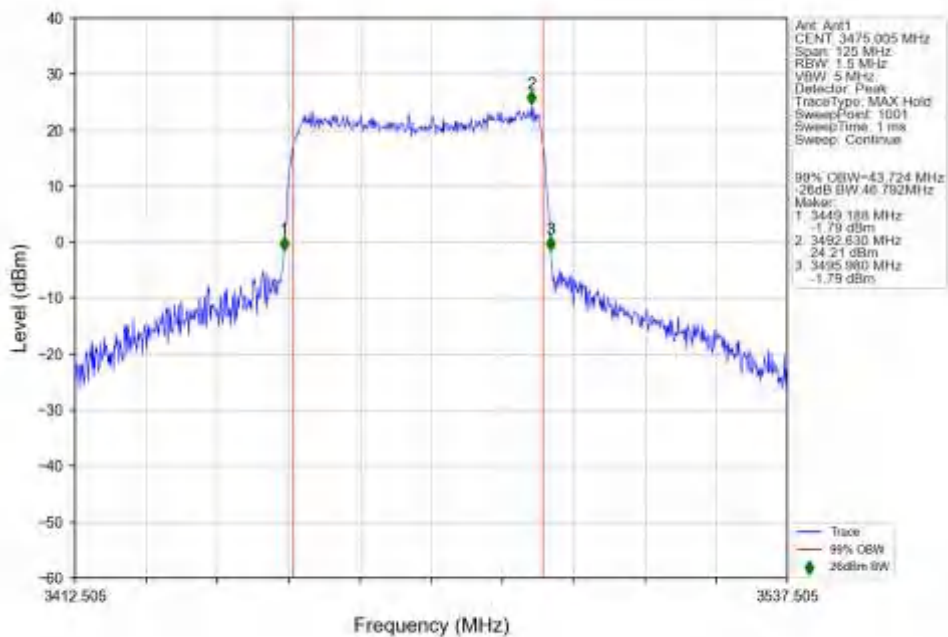
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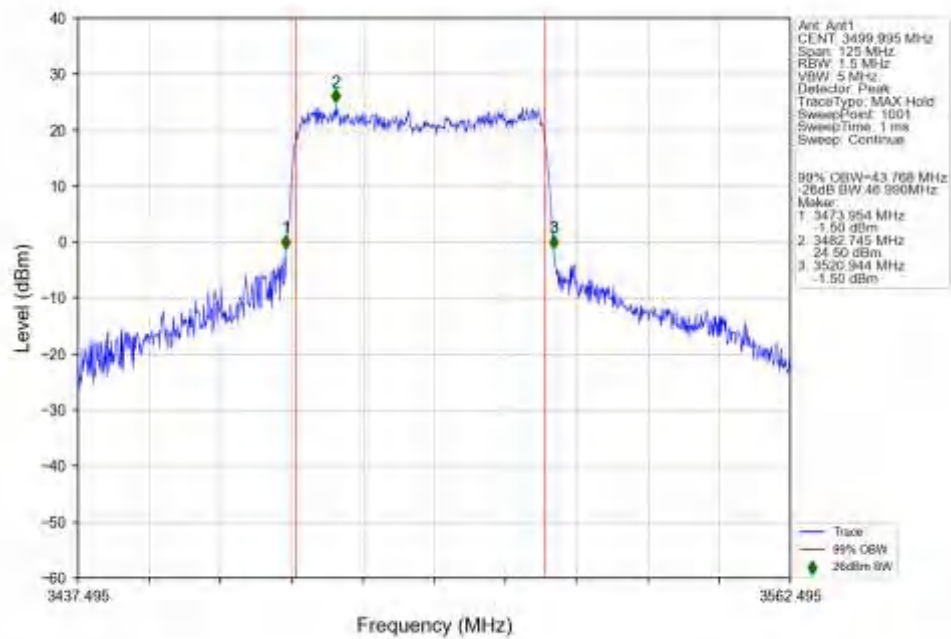
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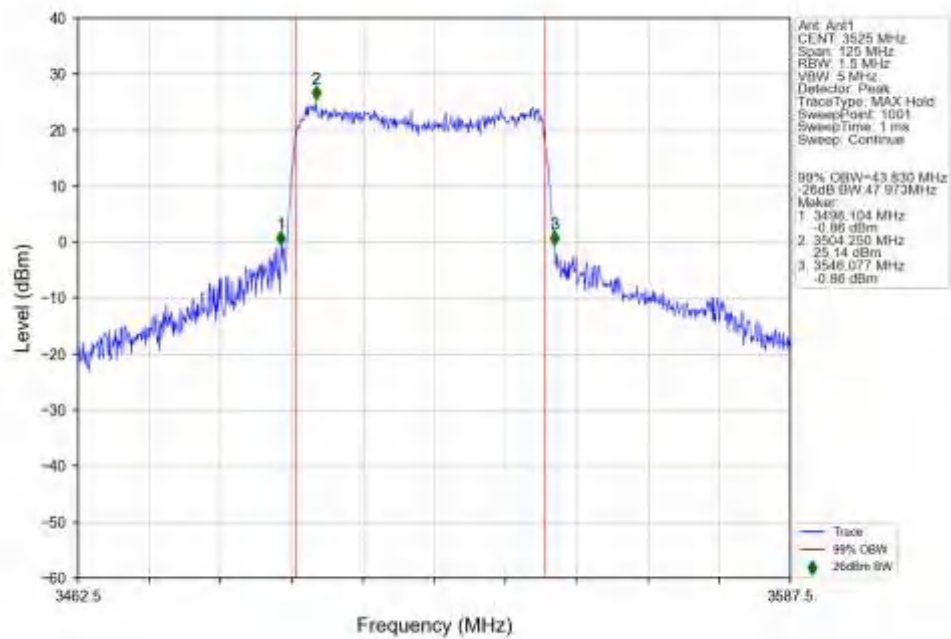
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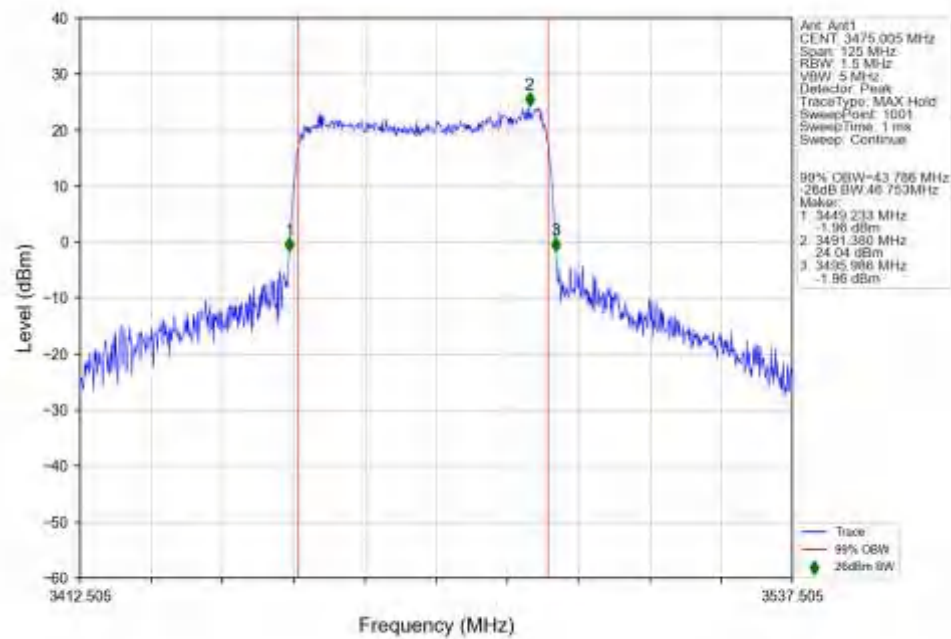
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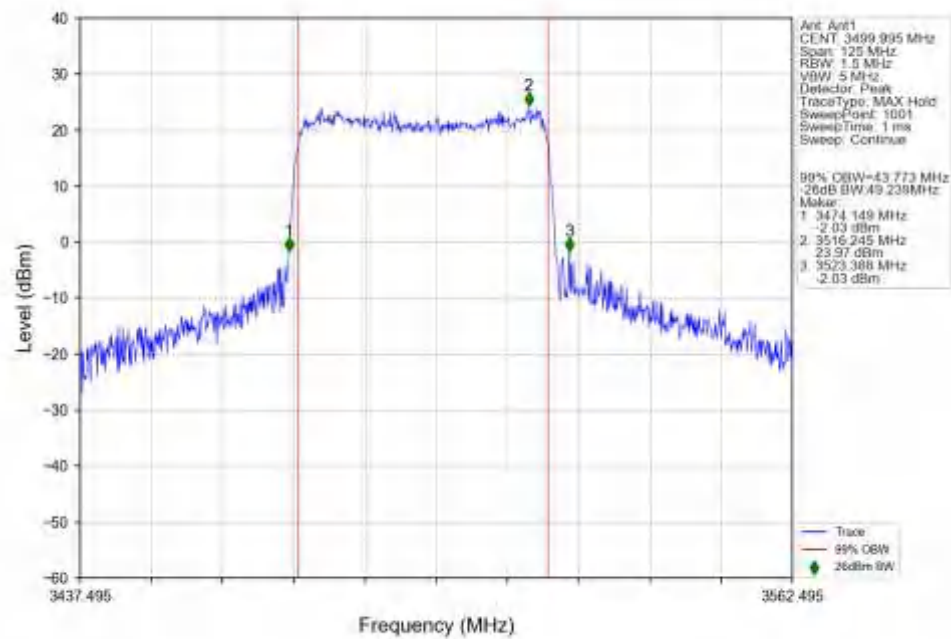
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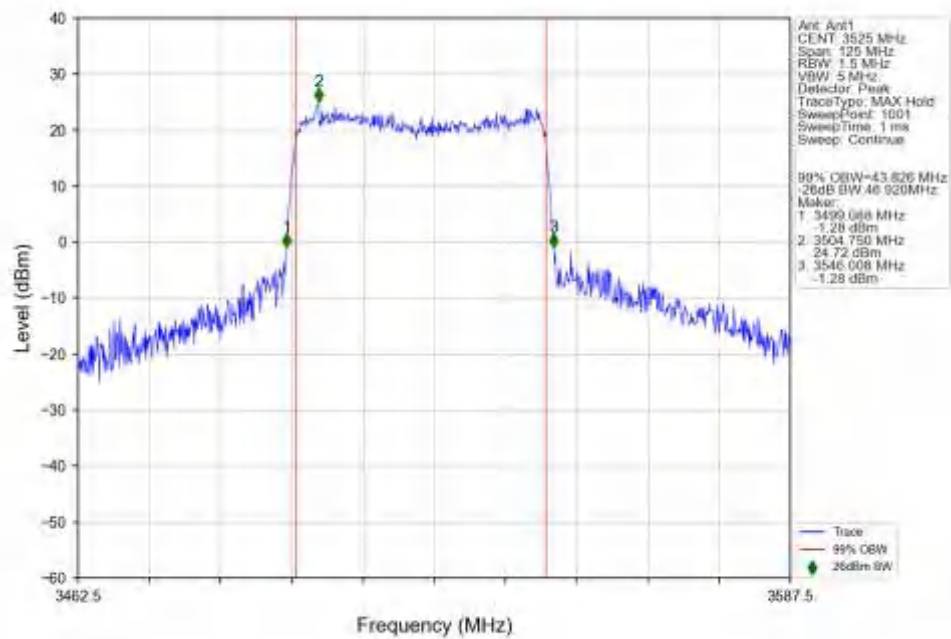
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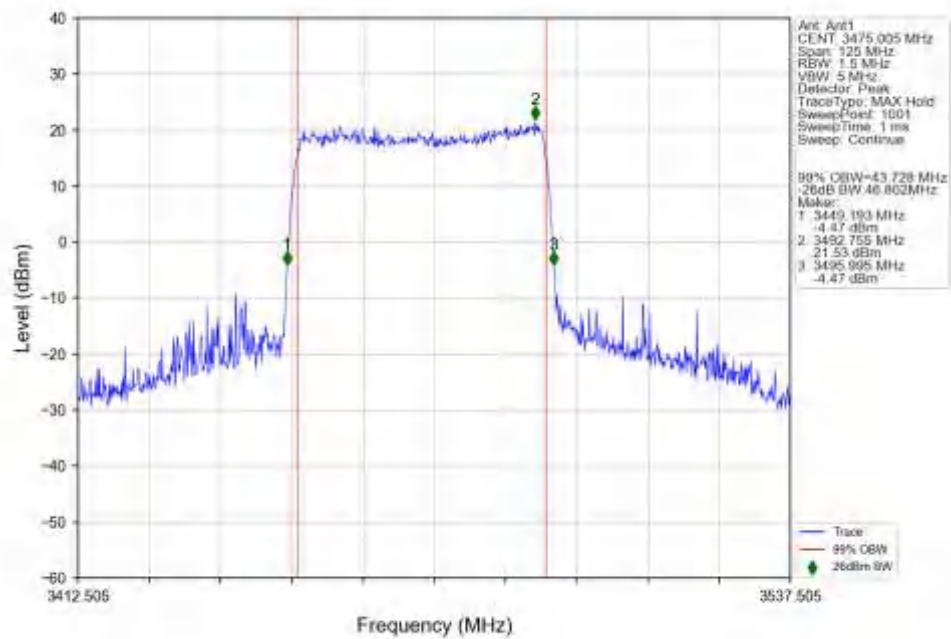
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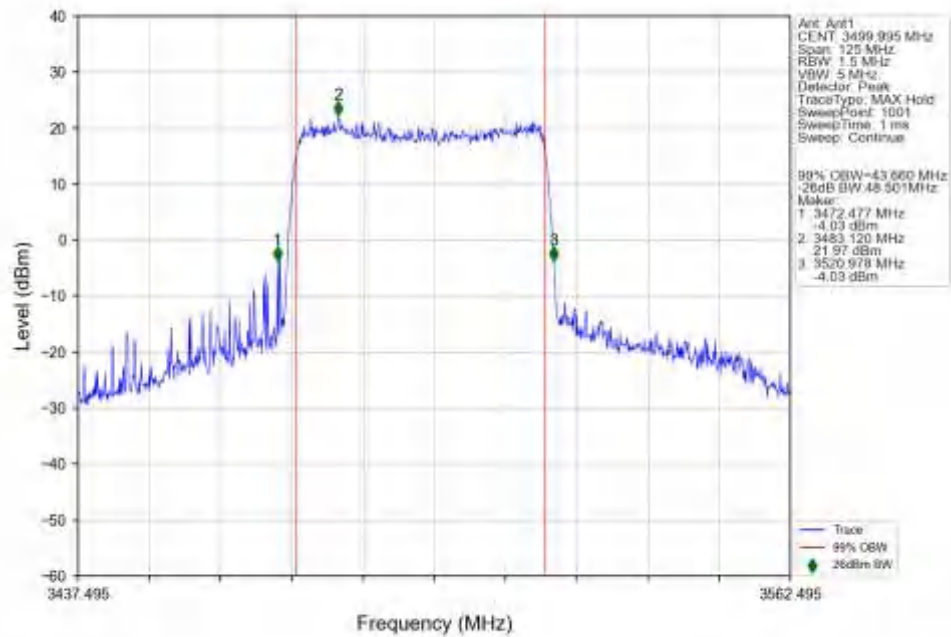
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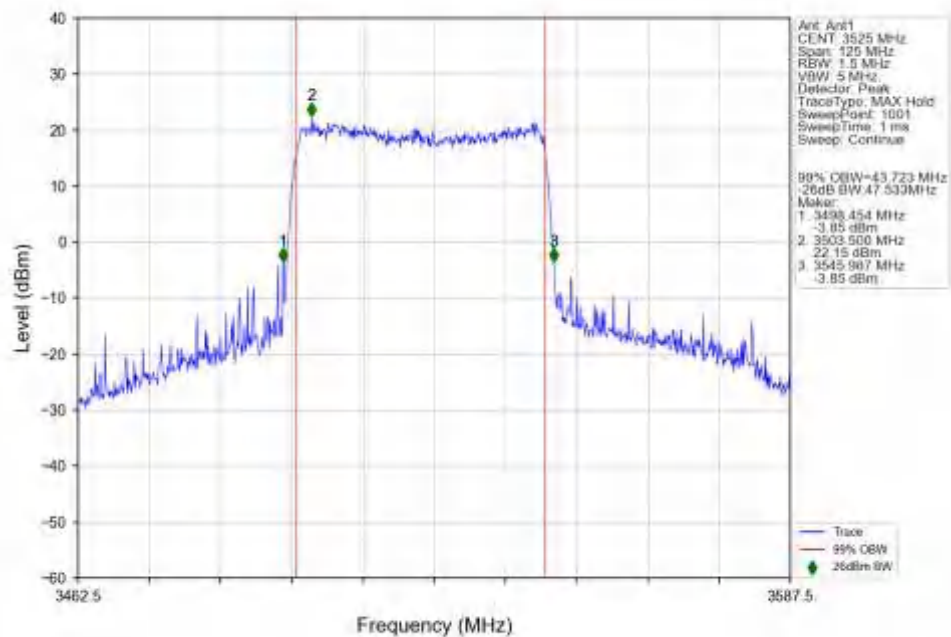
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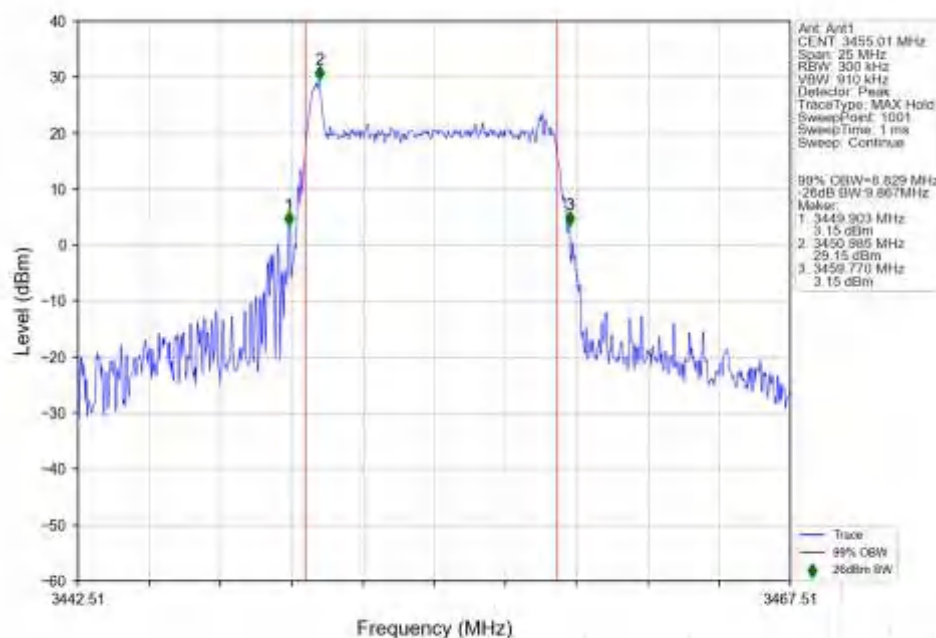


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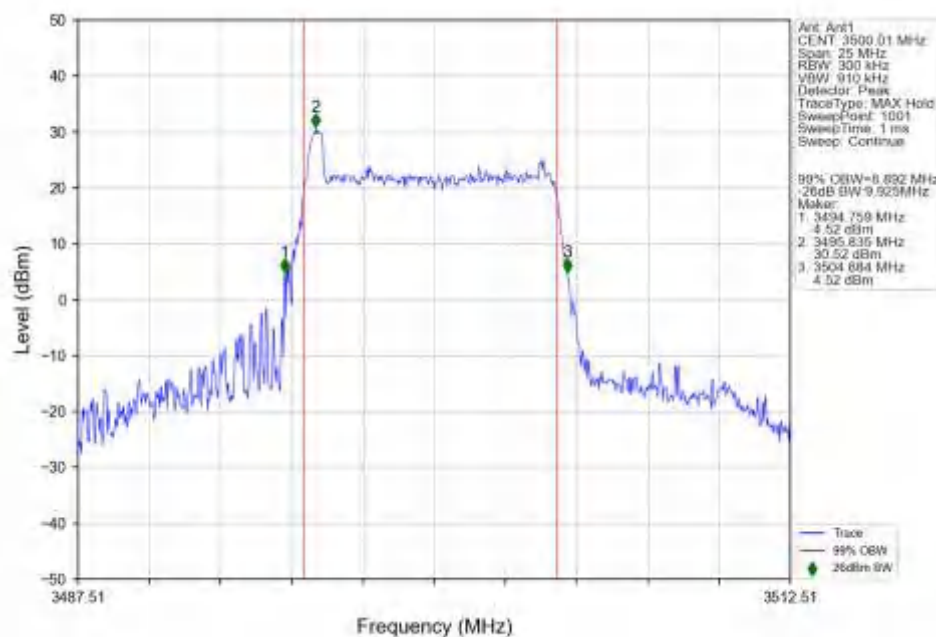


4.2.8 30k_SISO_10MHz_NTNV

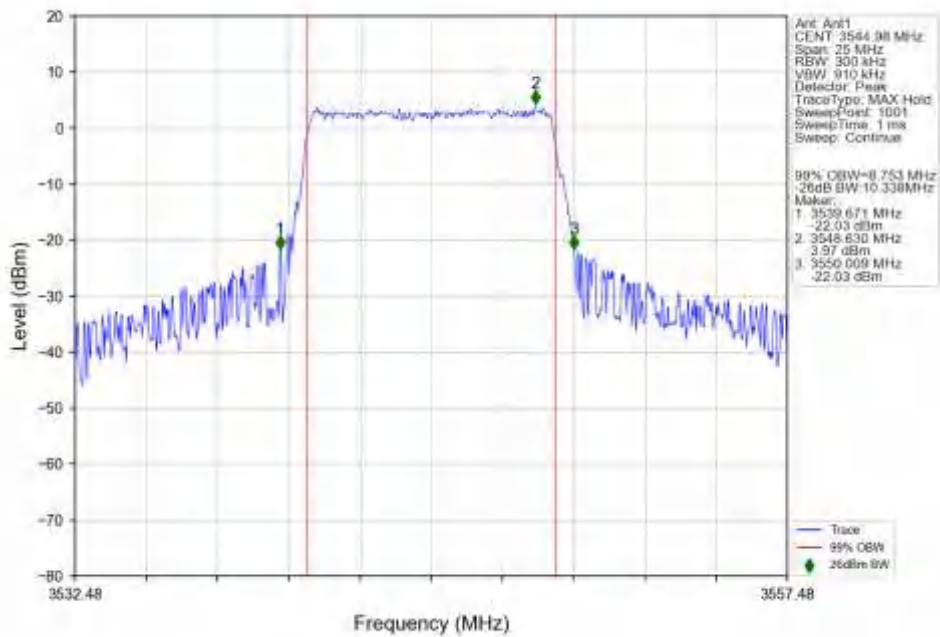
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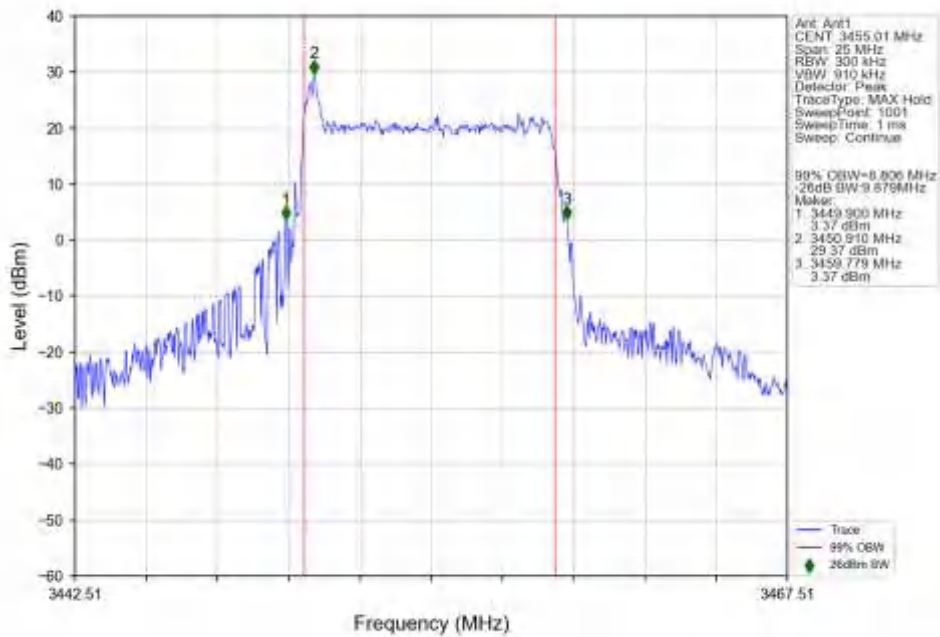
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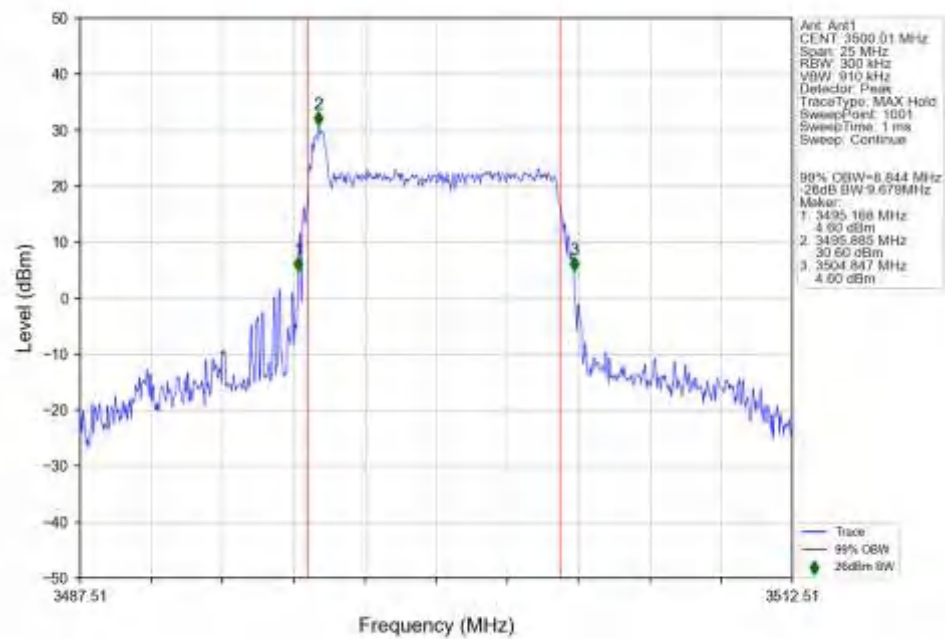
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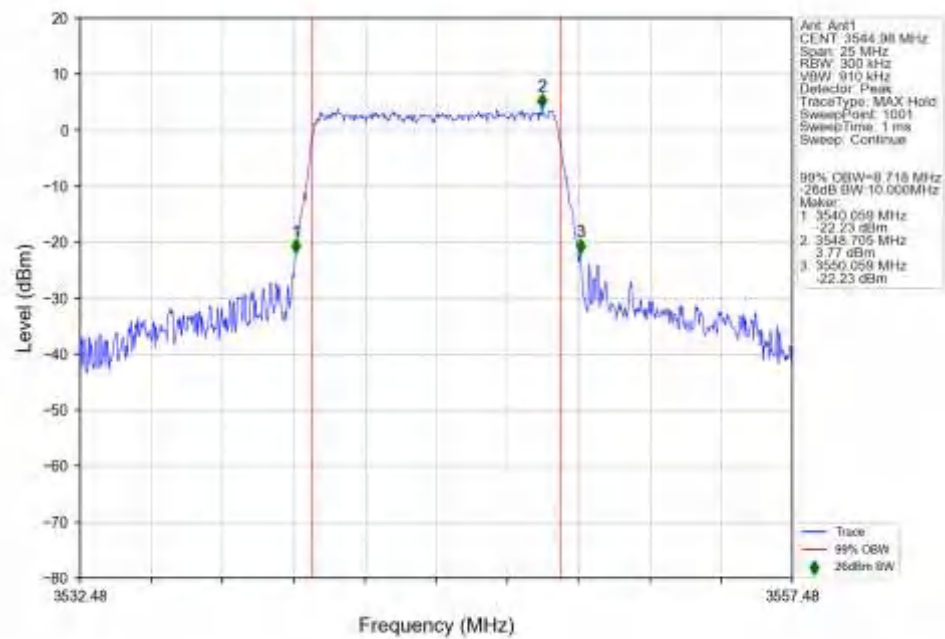
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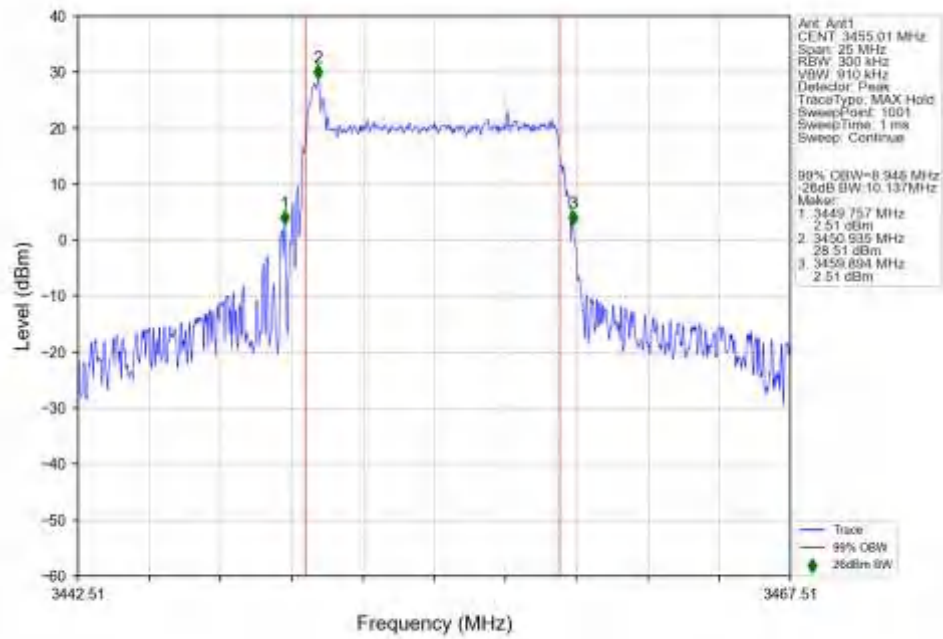
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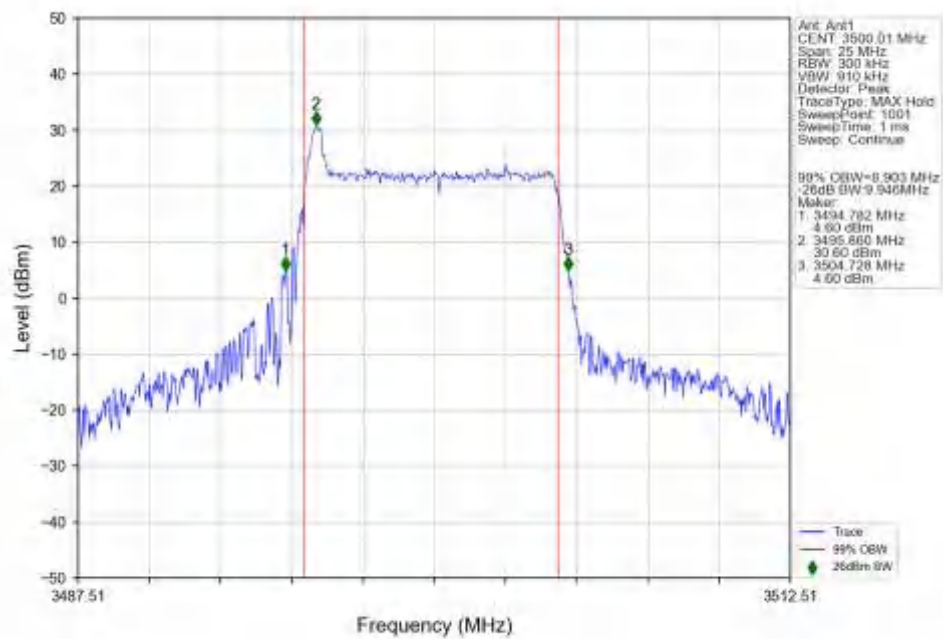
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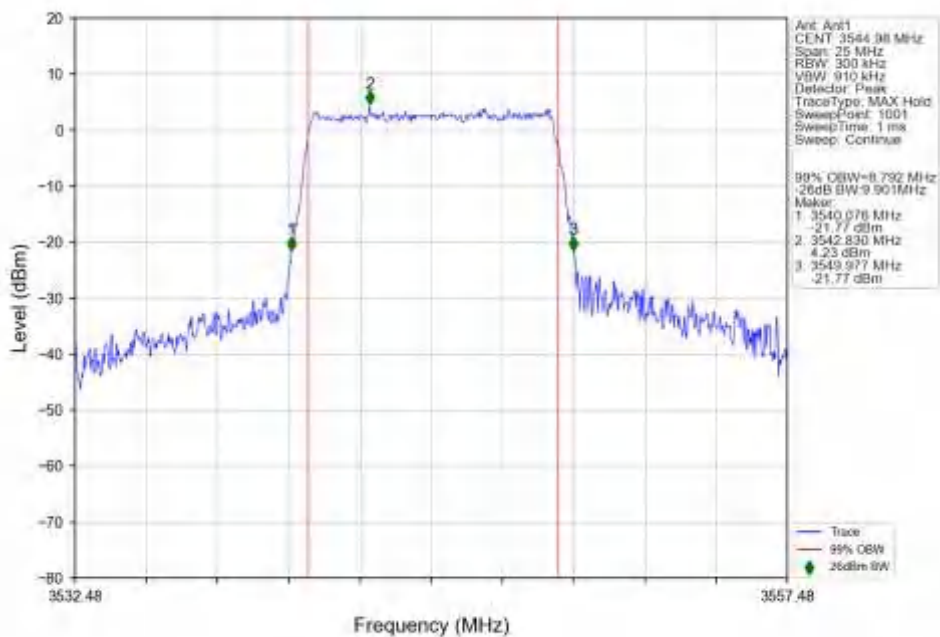
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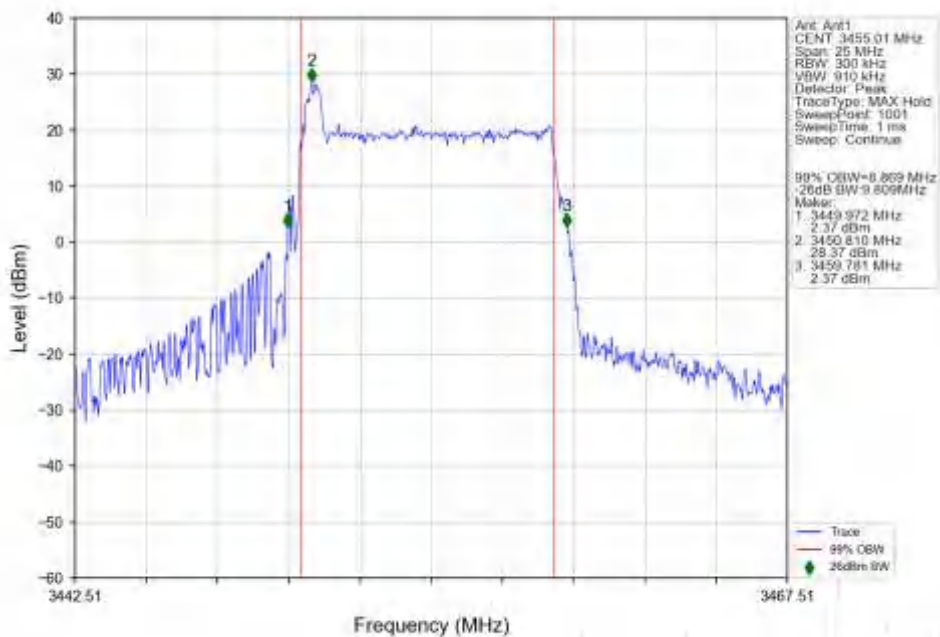
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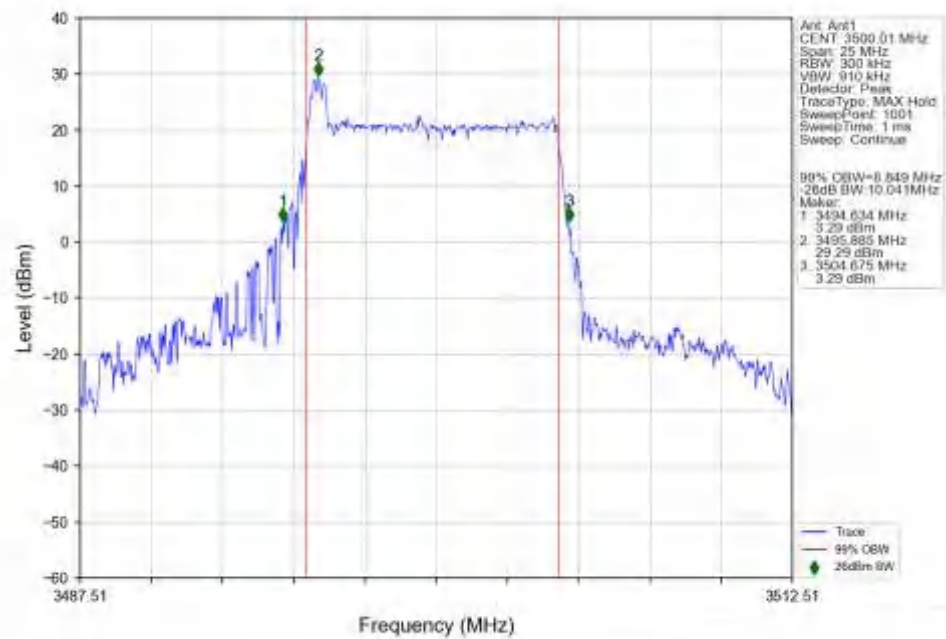
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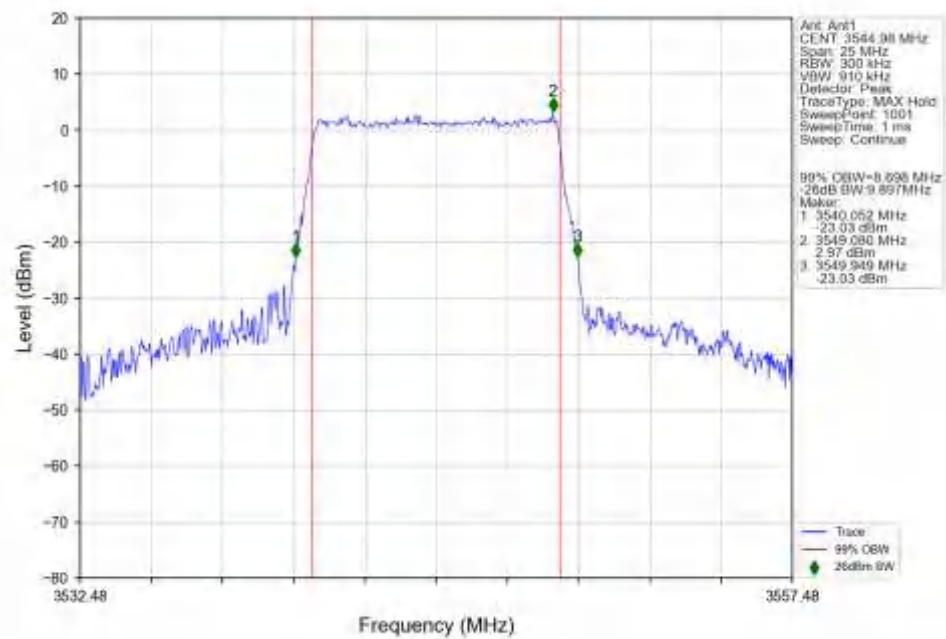
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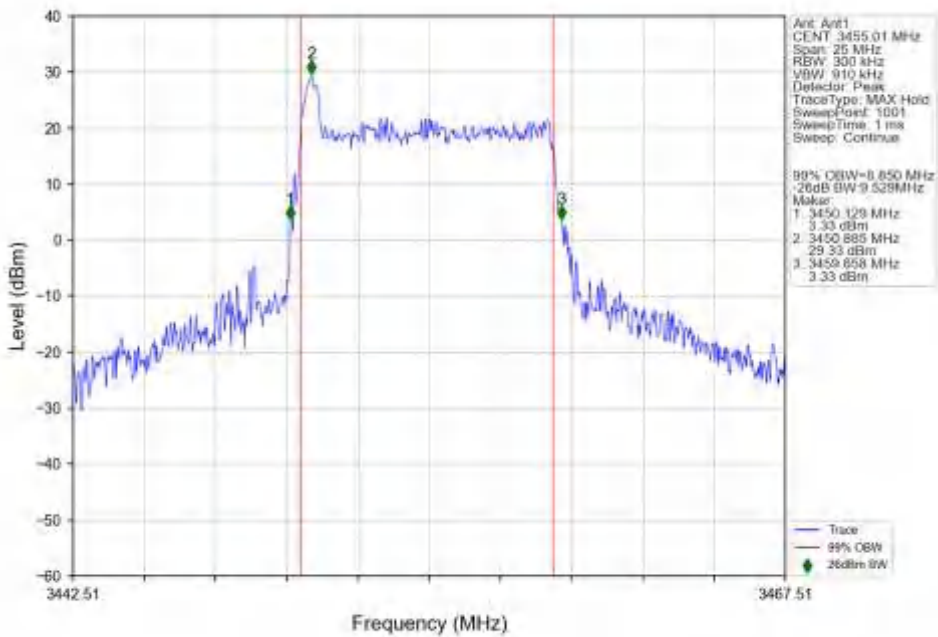
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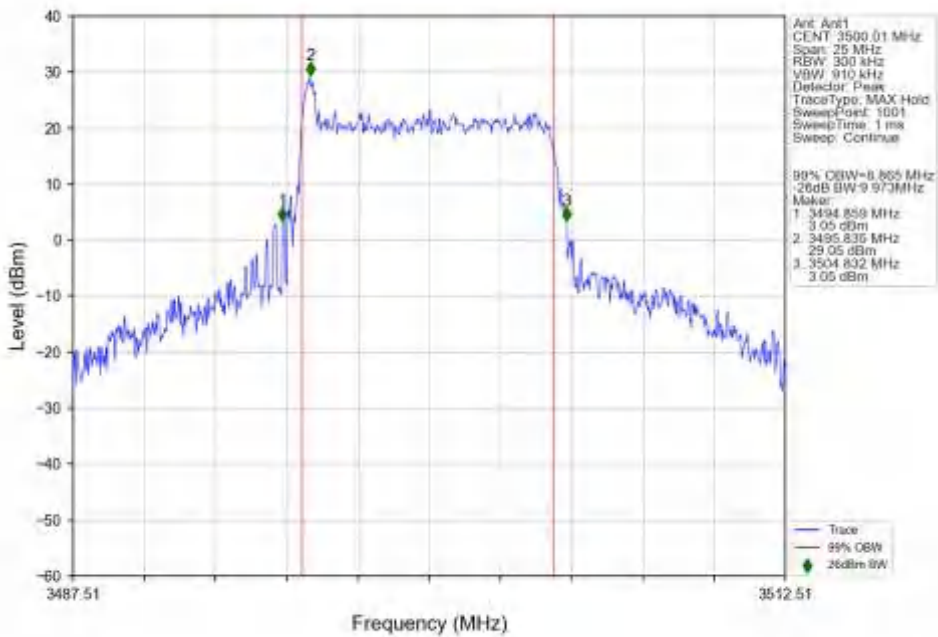
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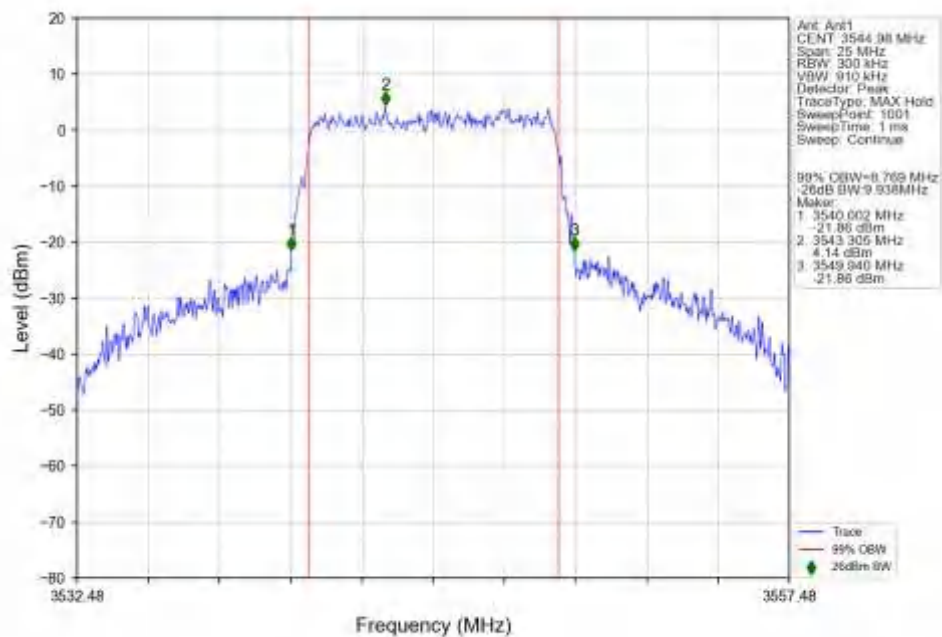
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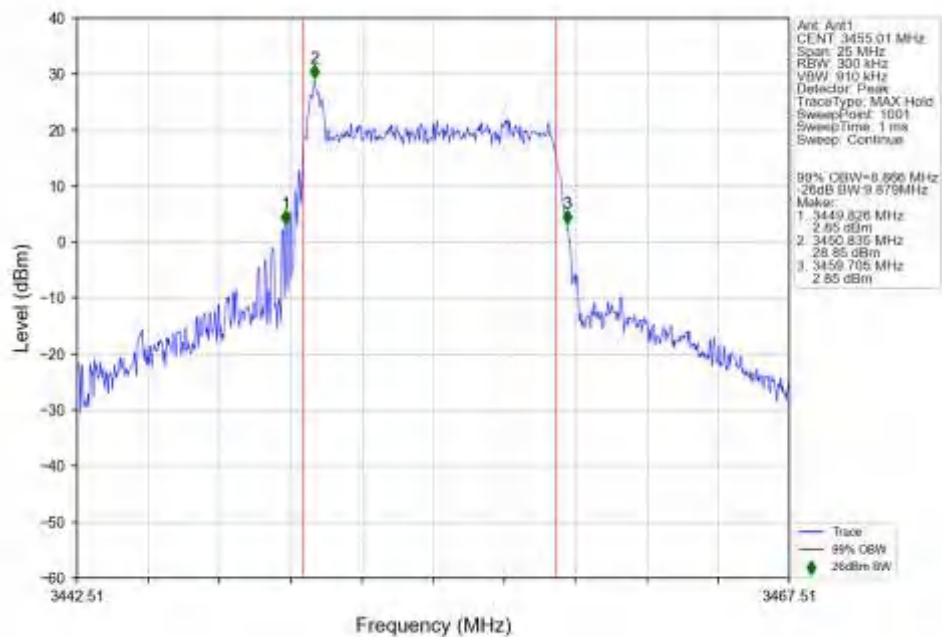
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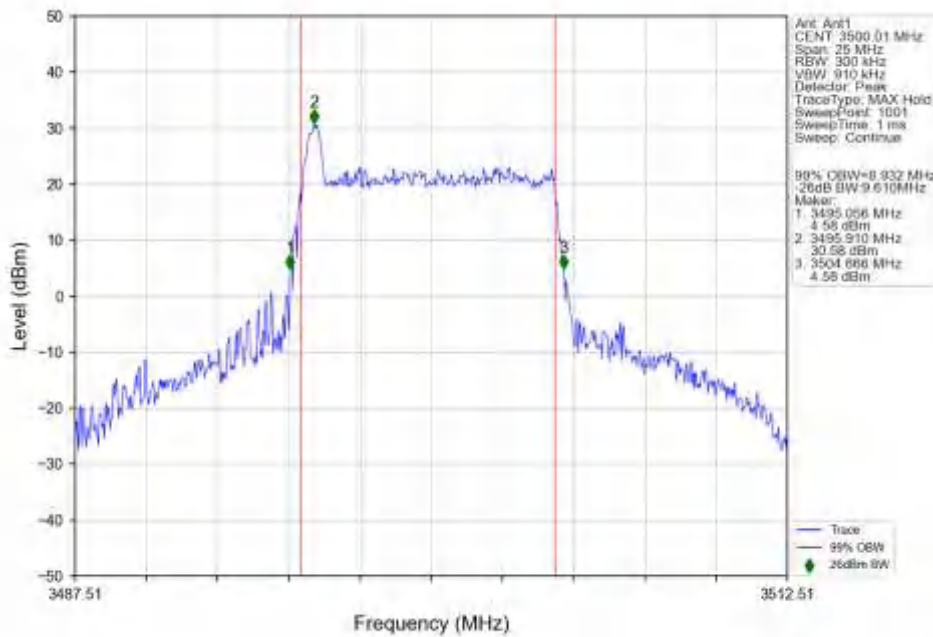
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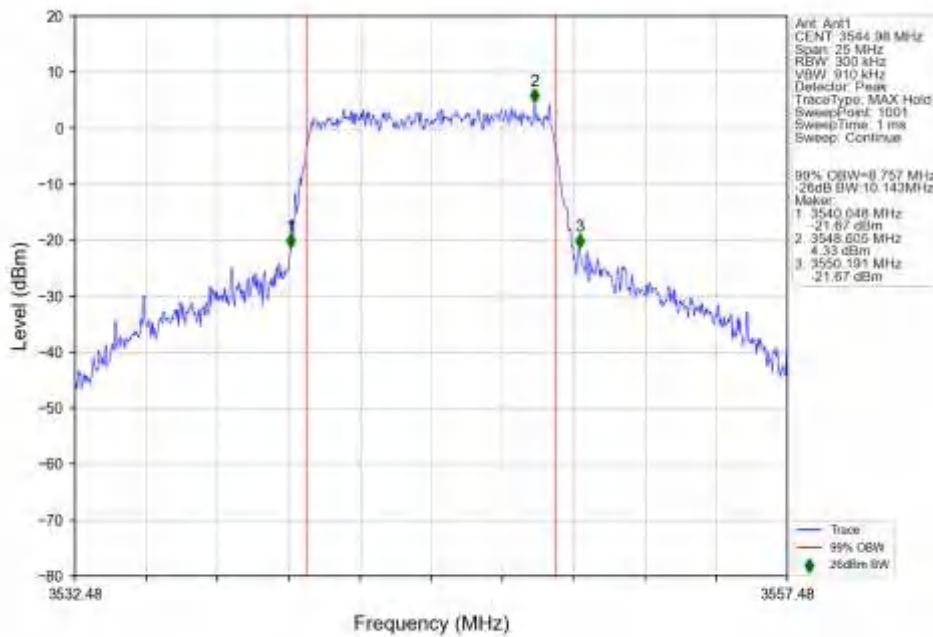
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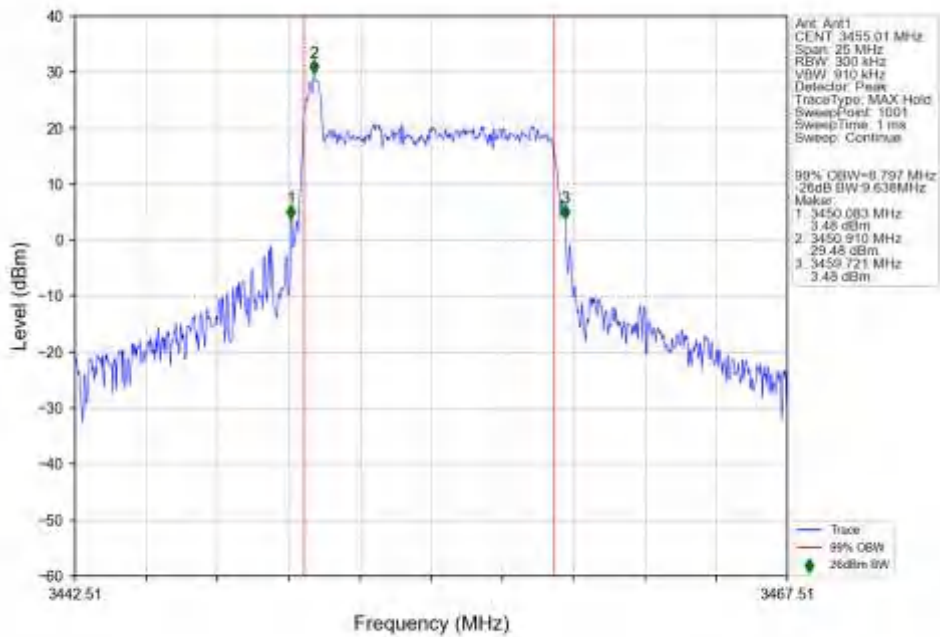
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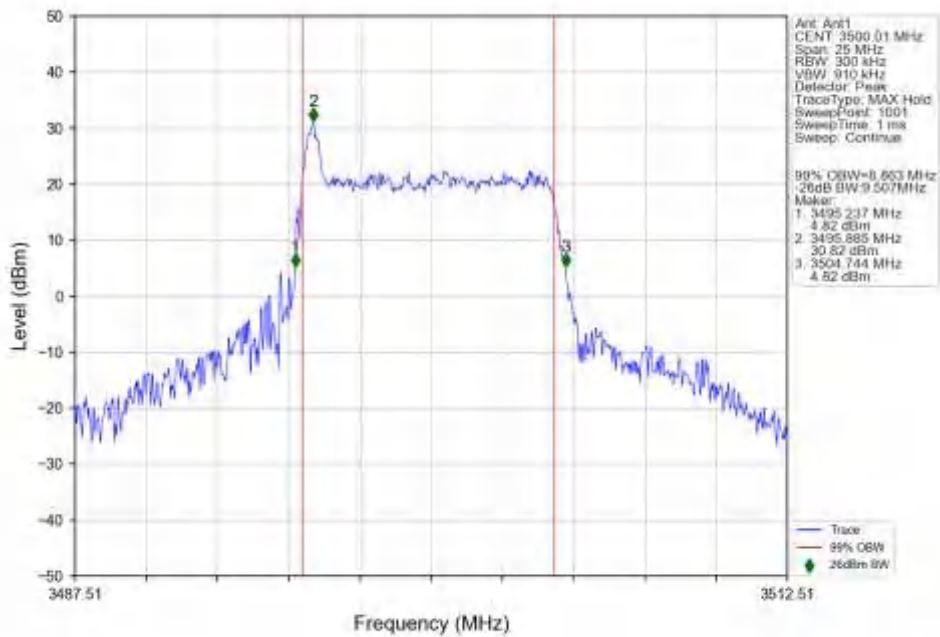
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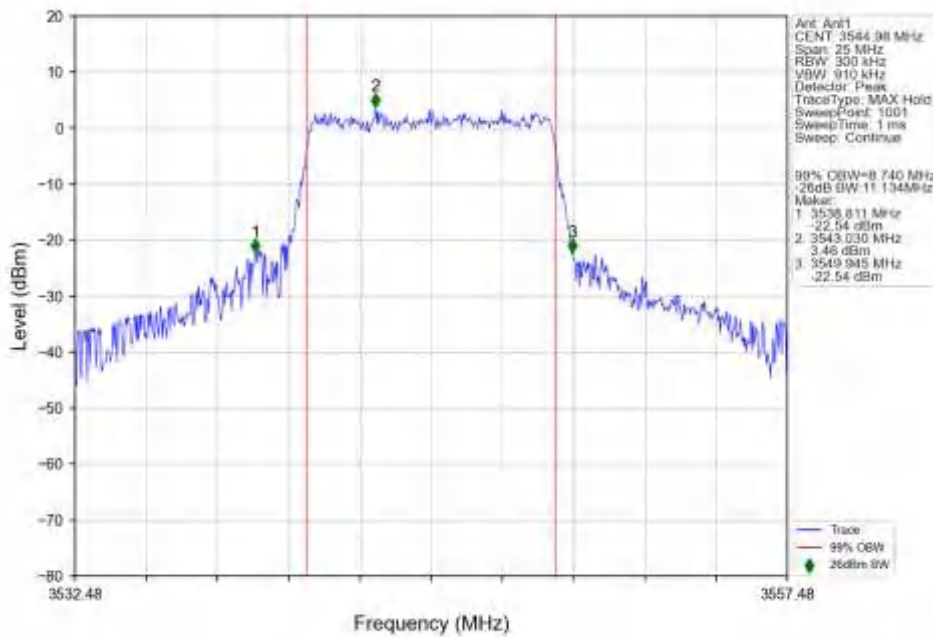
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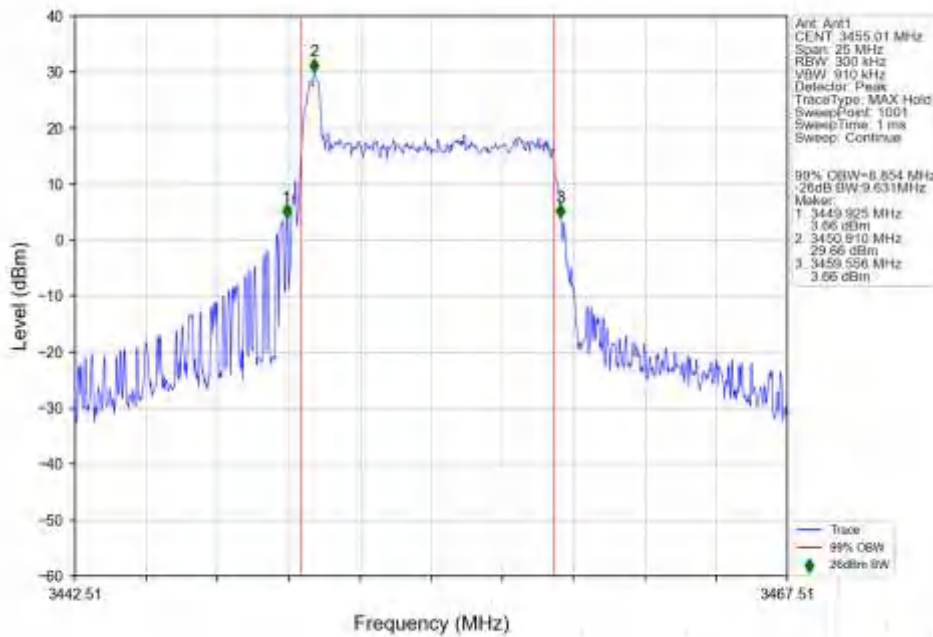
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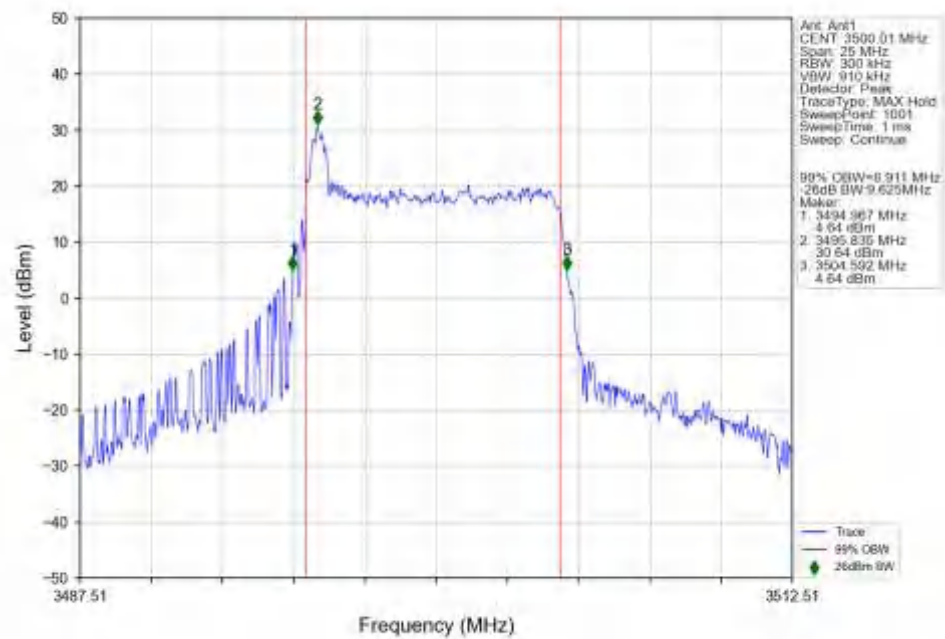
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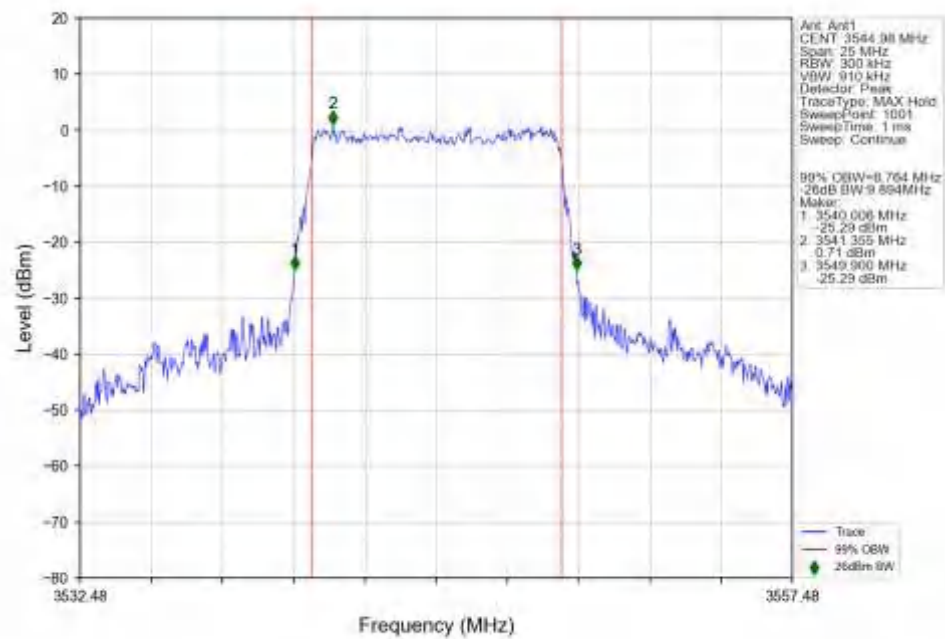
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n77d 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant1

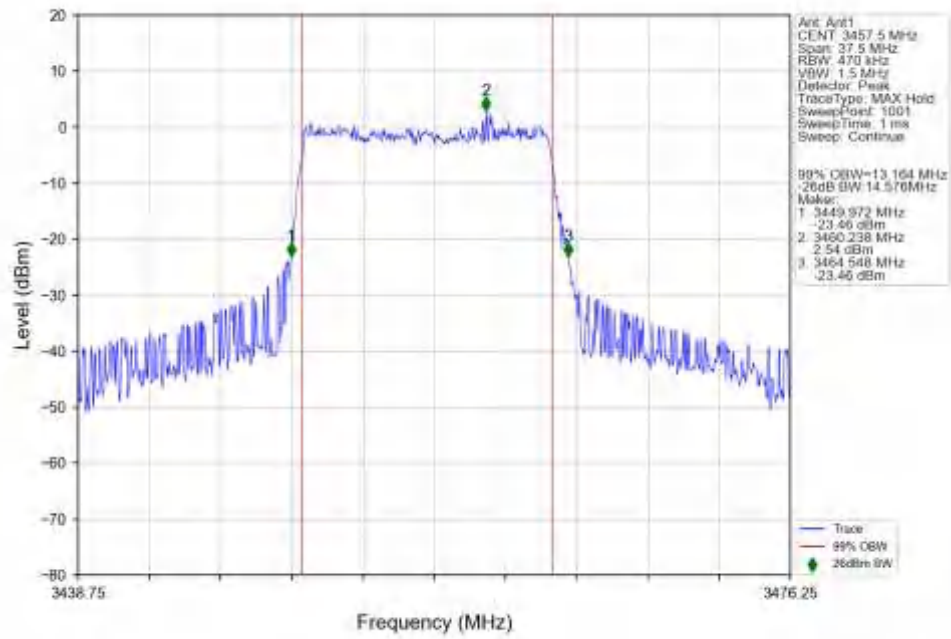


n77d 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 3544.98MHz Outer Full Ant1

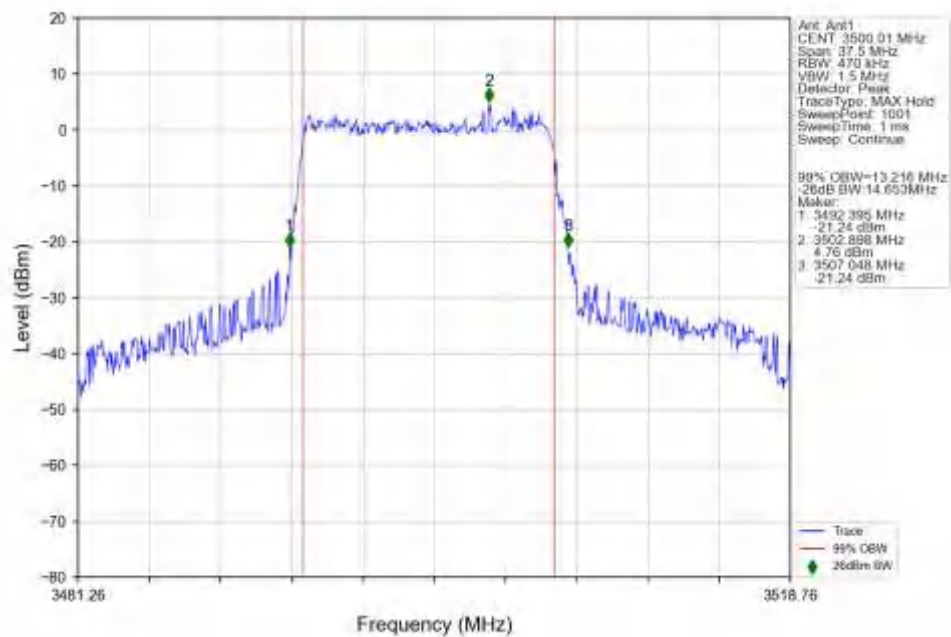


4.2.9 30k_SISO_15MHz_NTNV

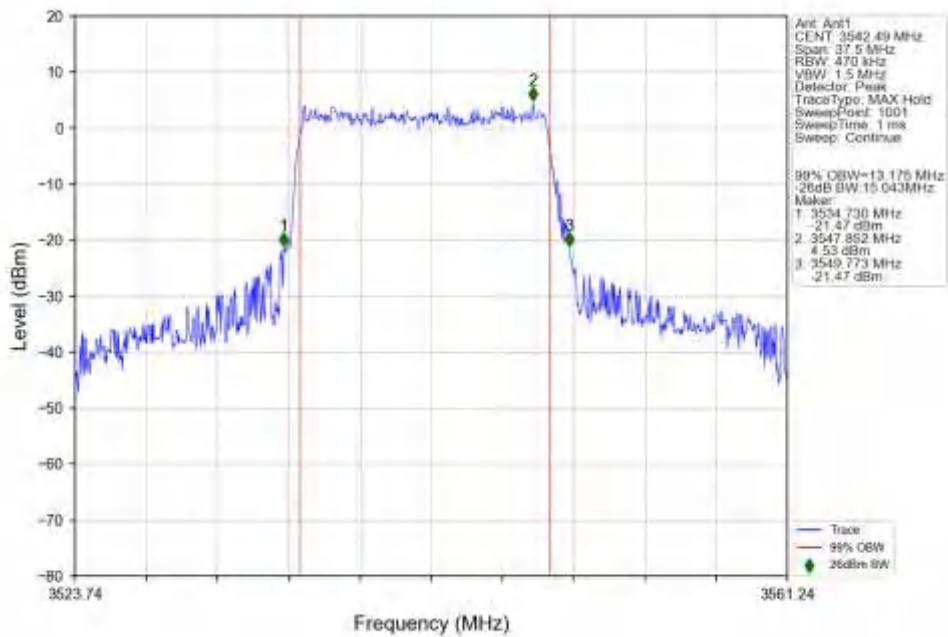
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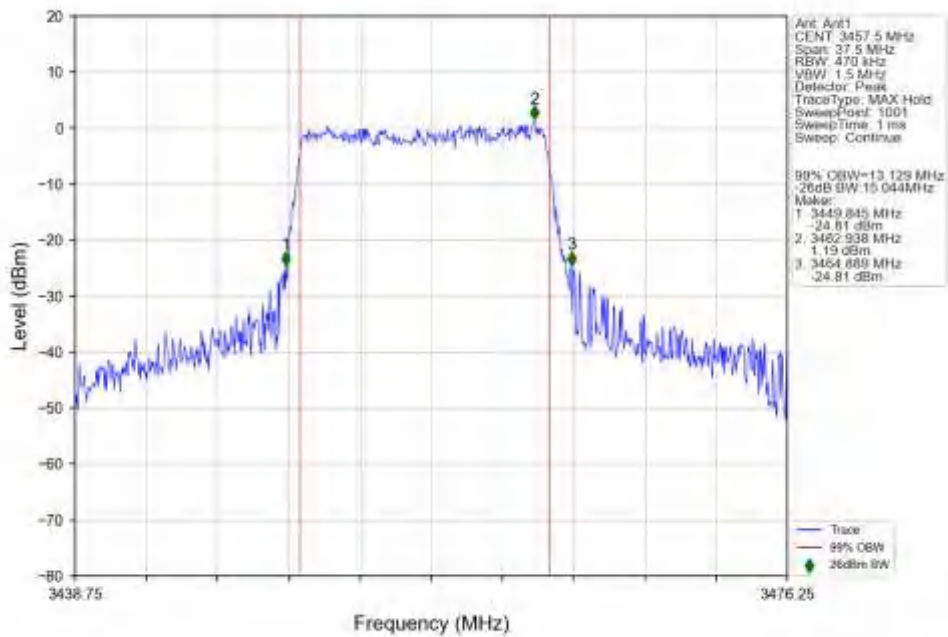
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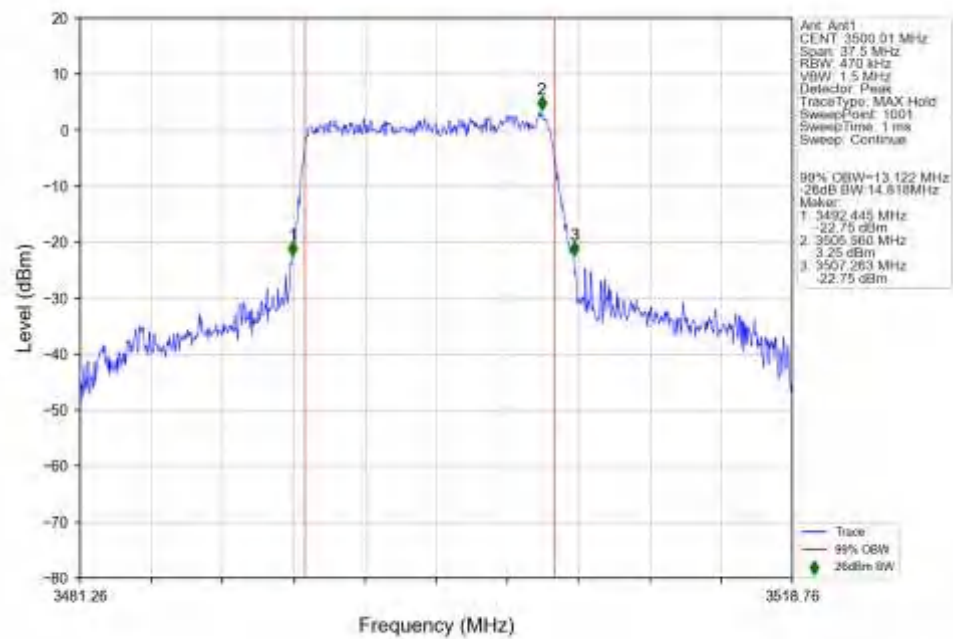
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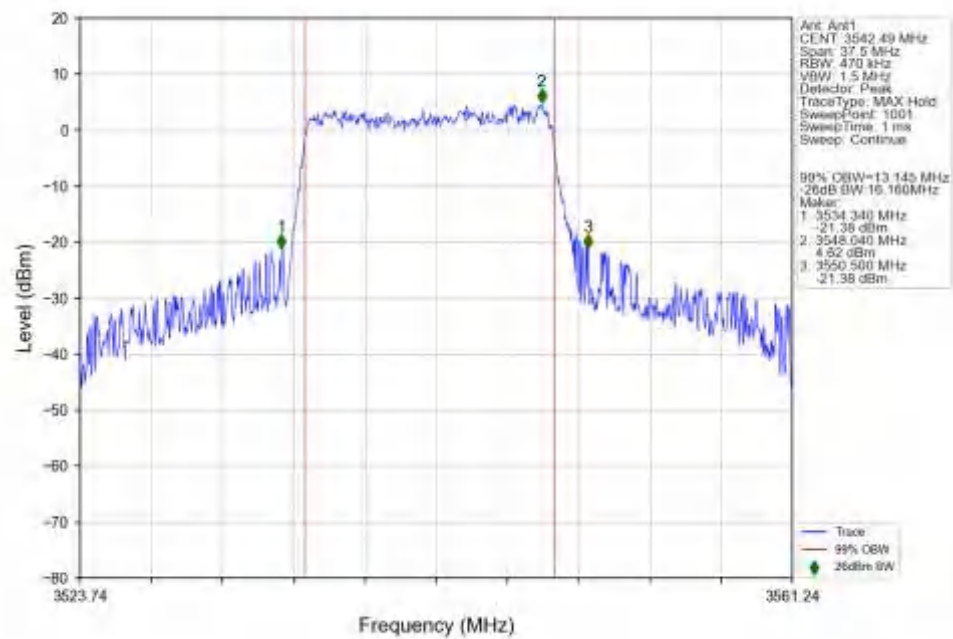
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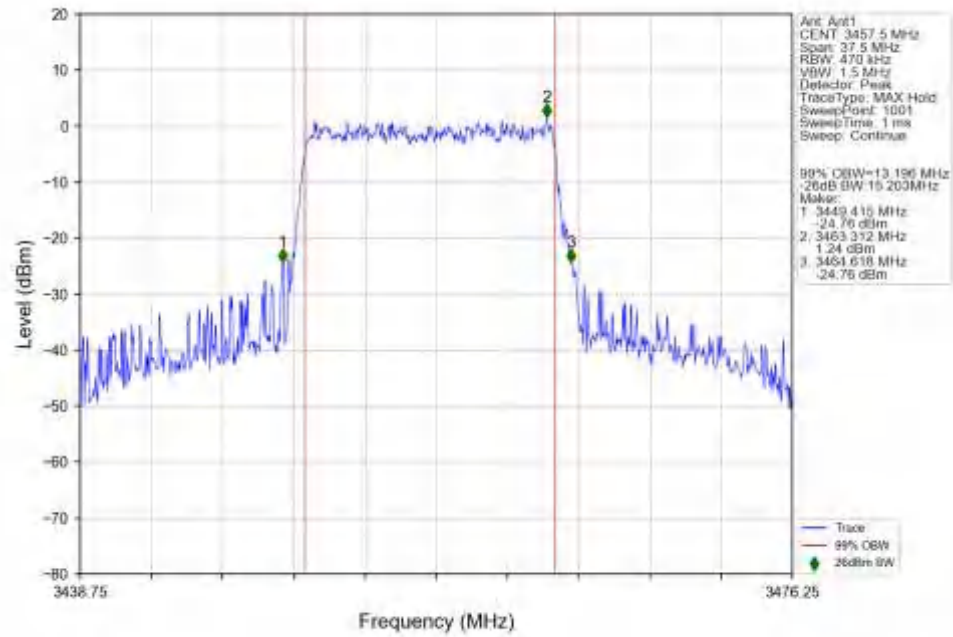
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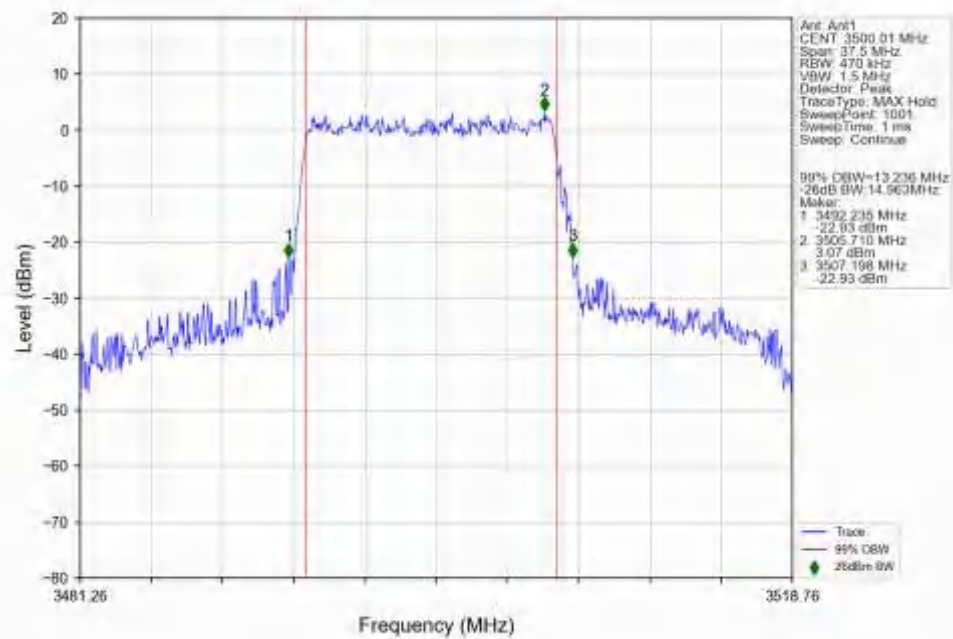
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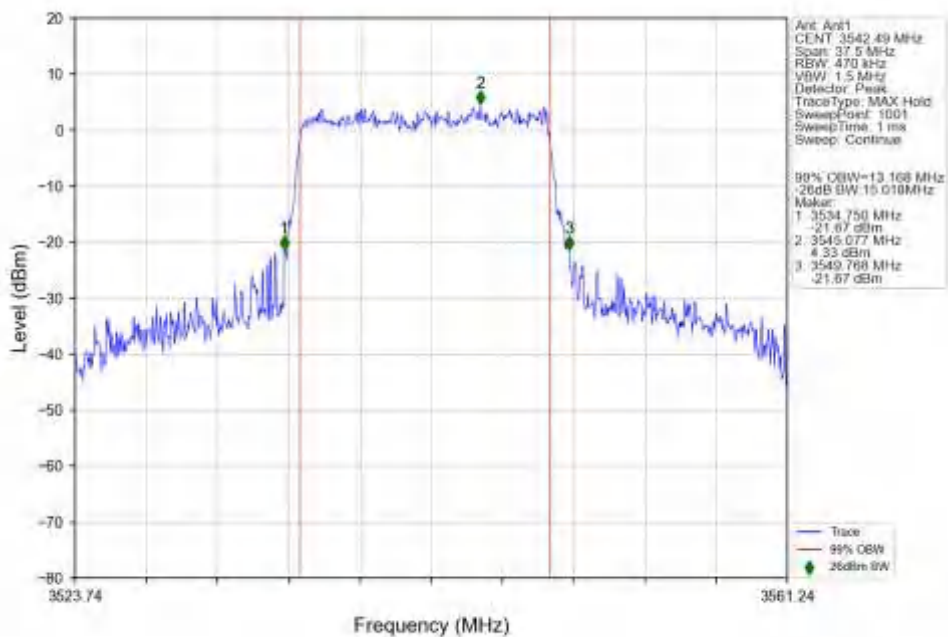
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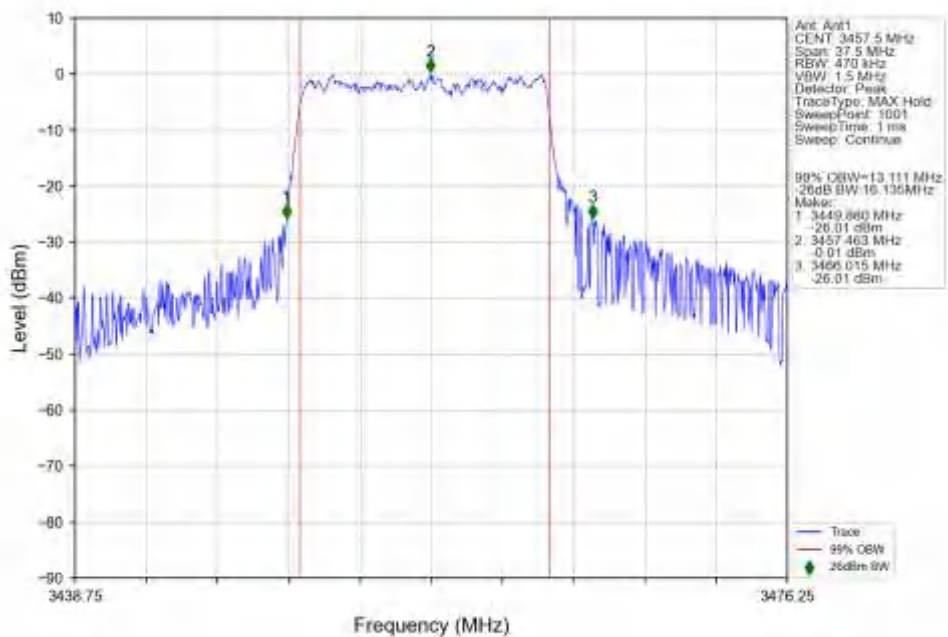
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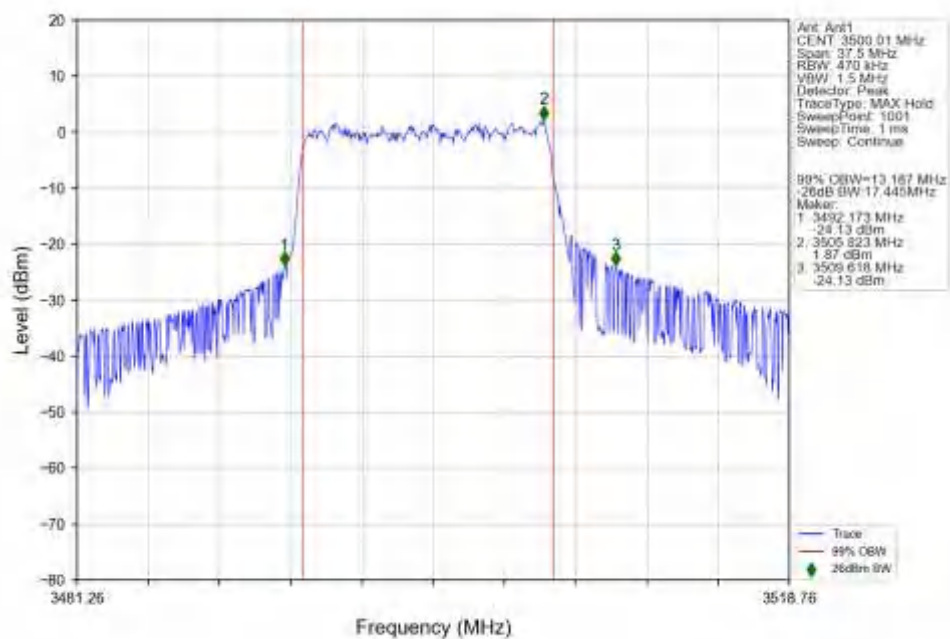
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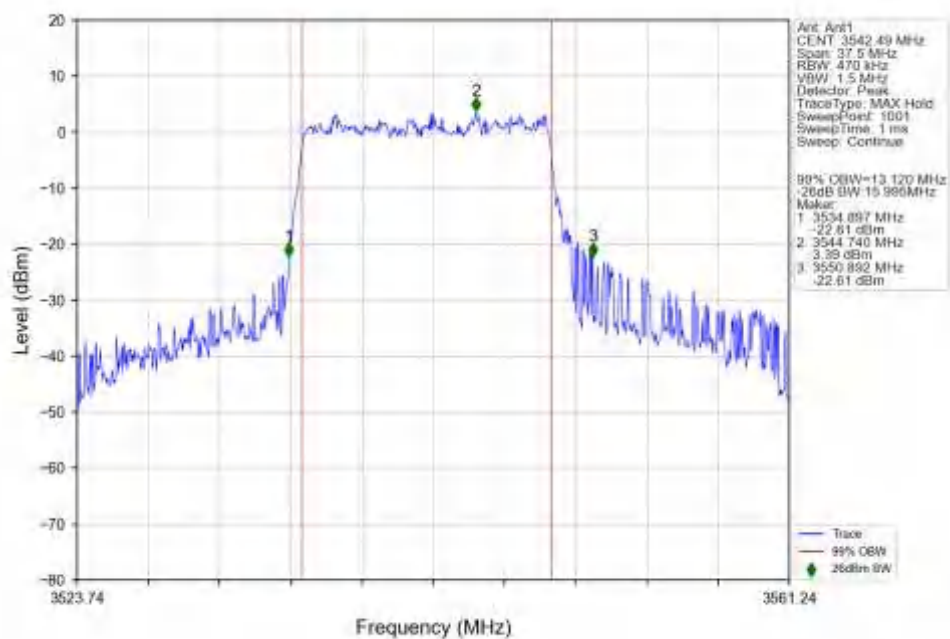
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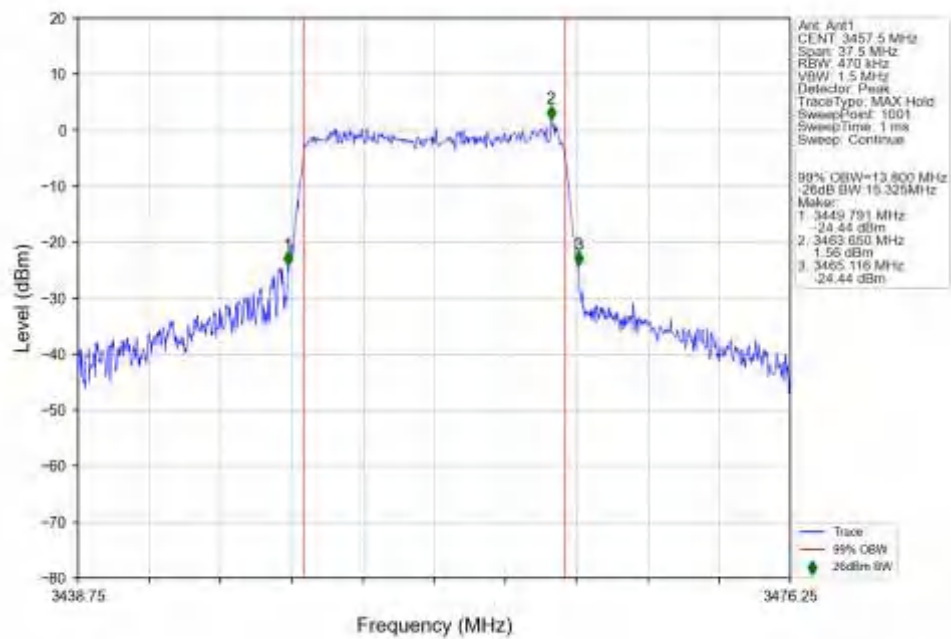
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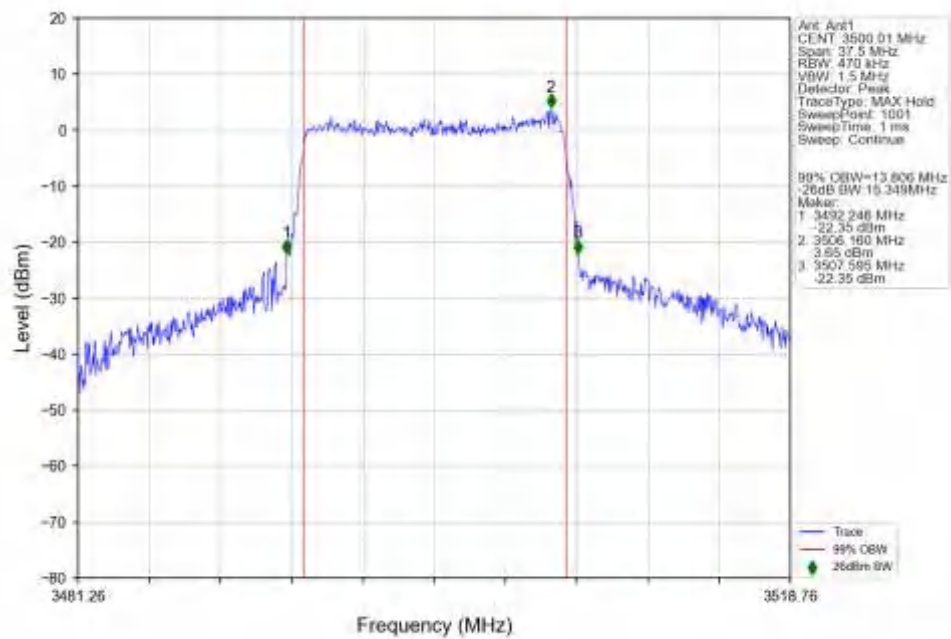
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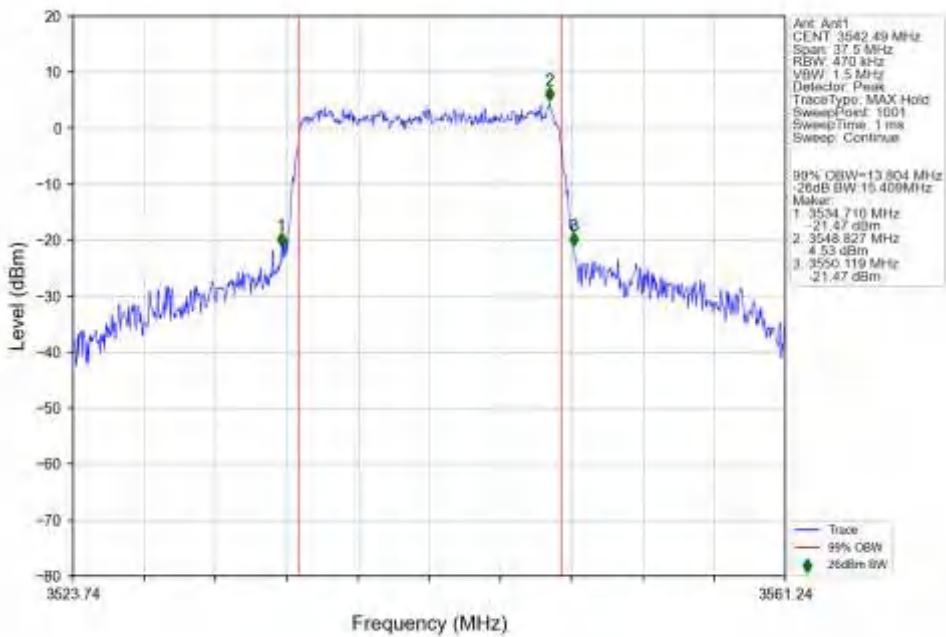
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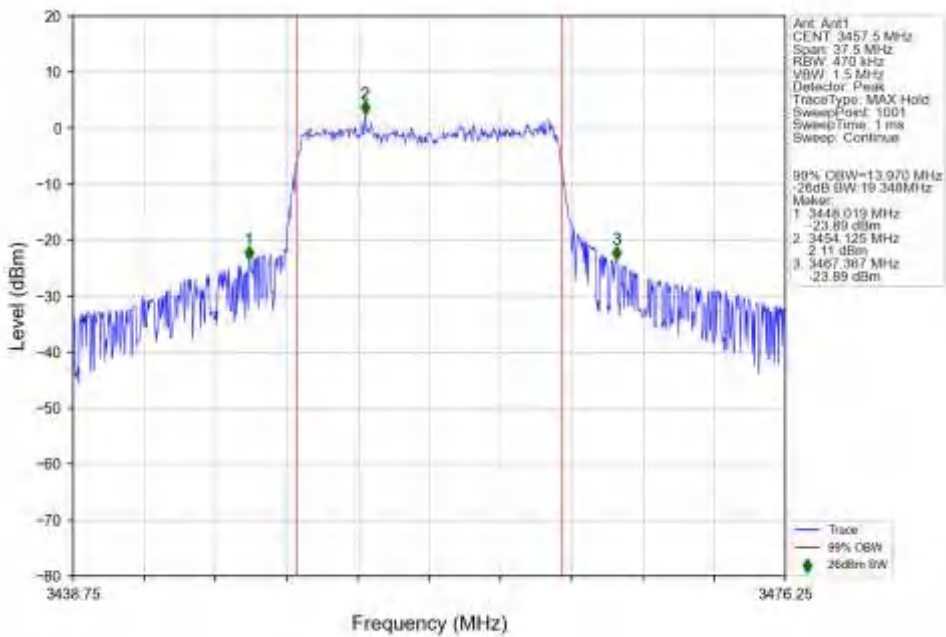
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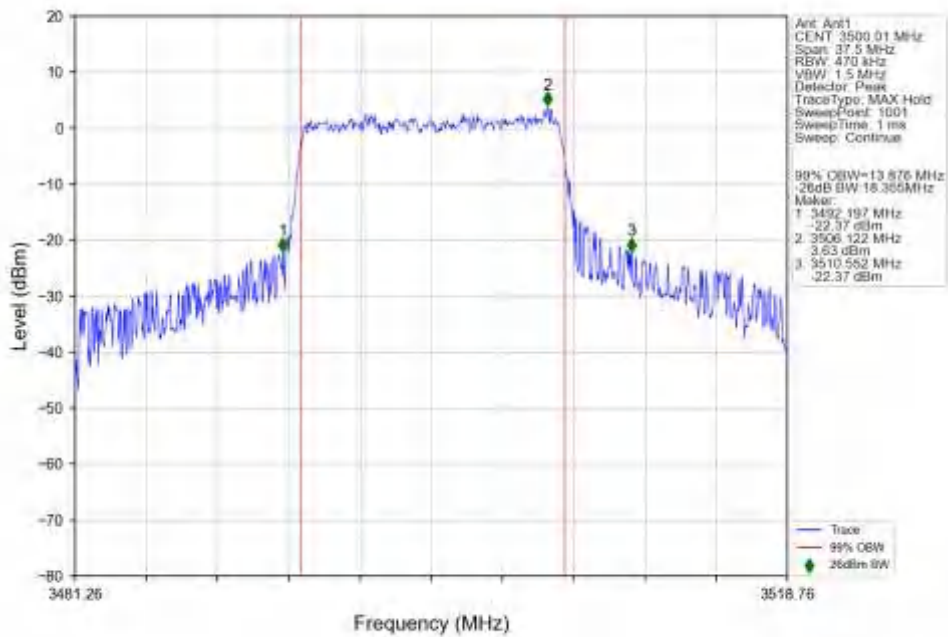
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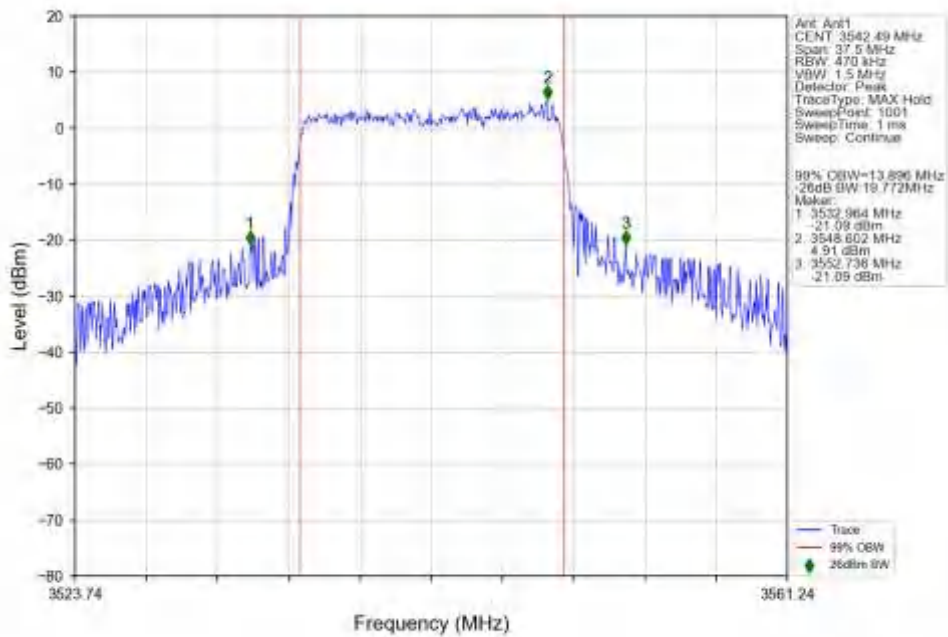
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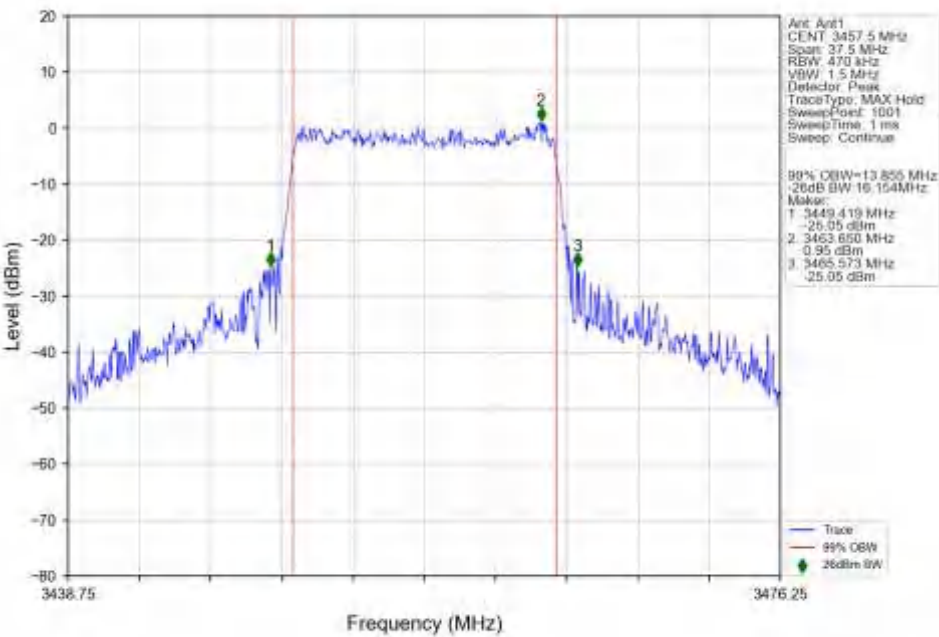
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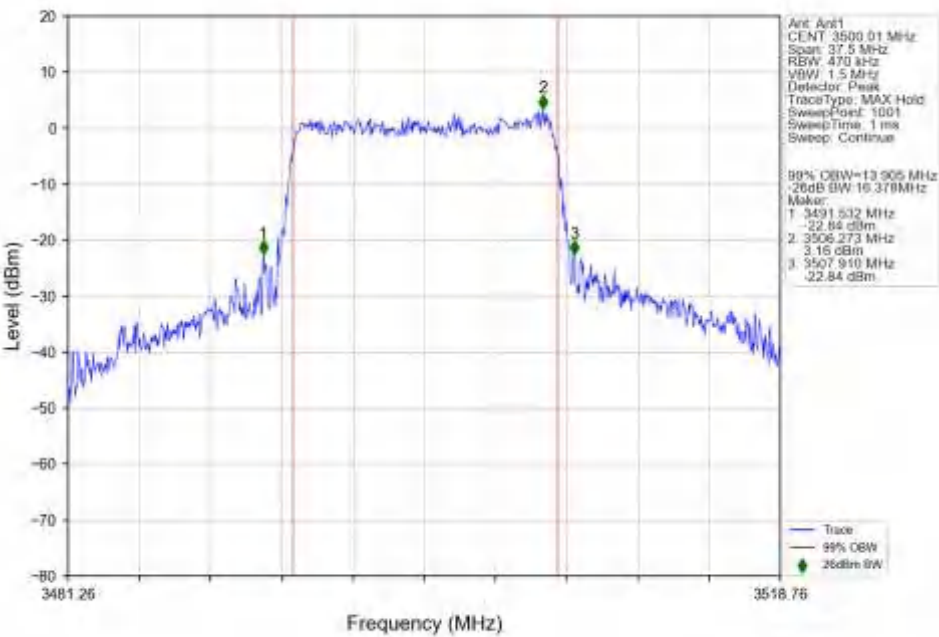
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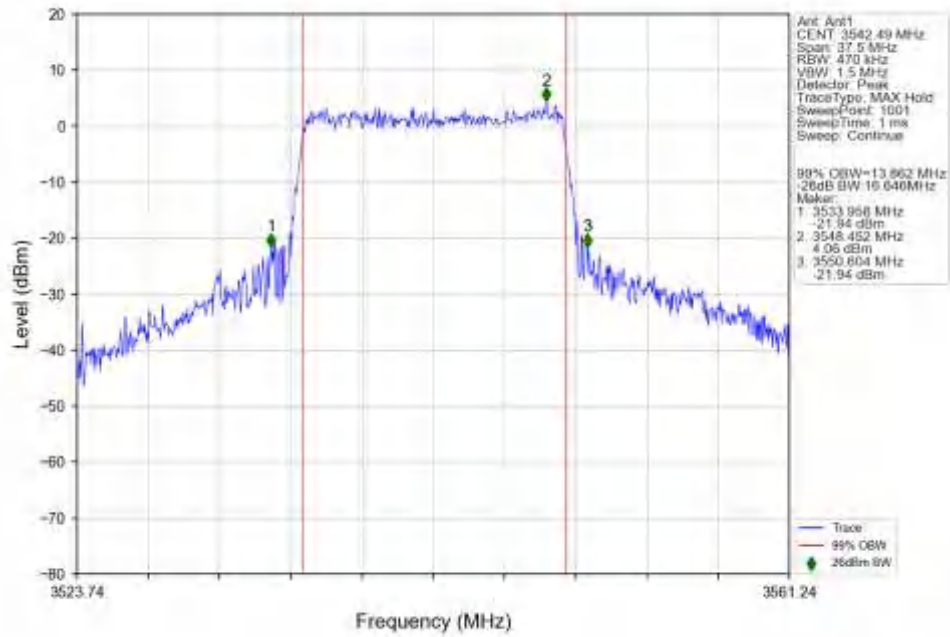
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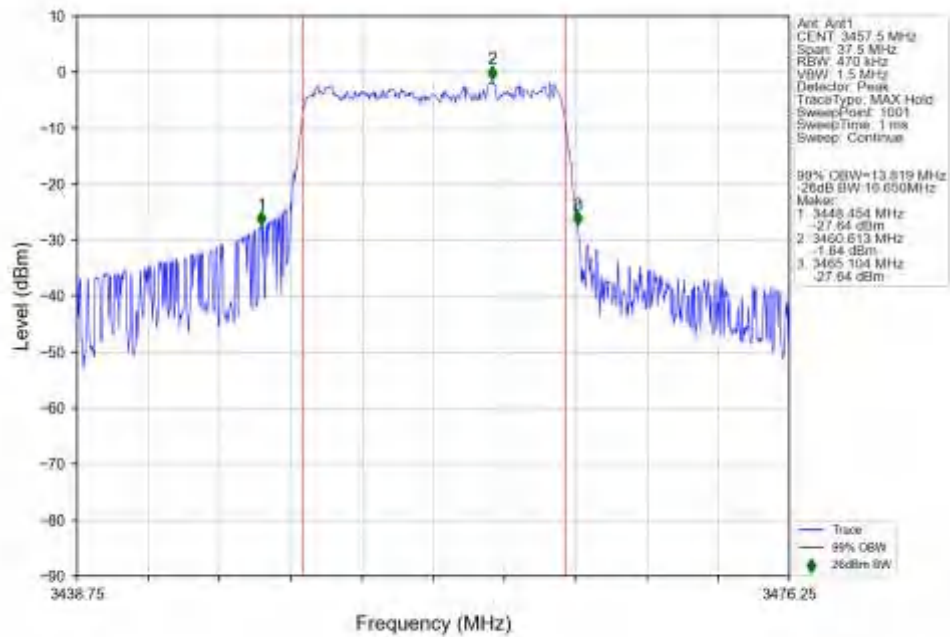
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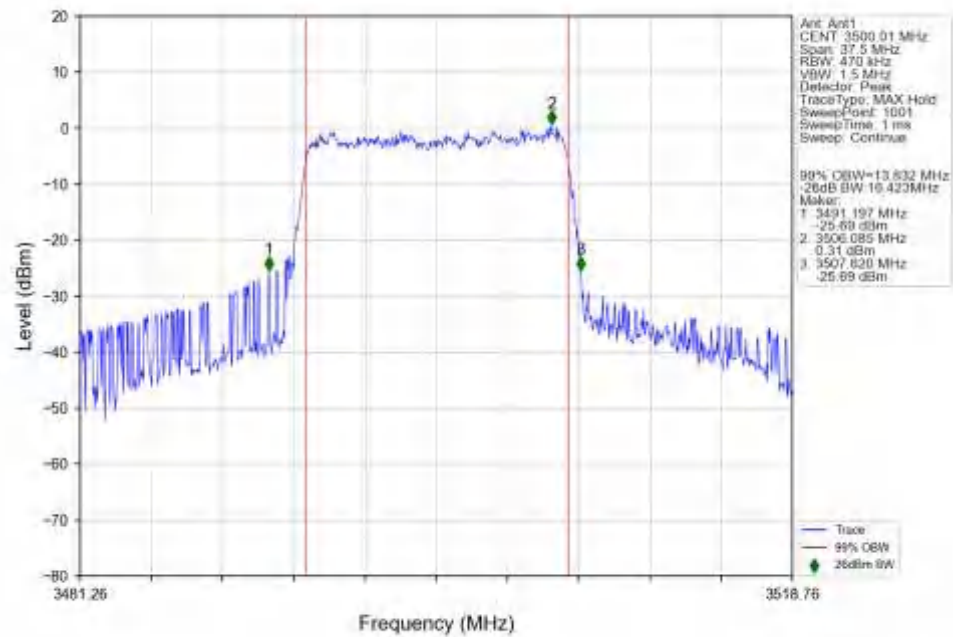
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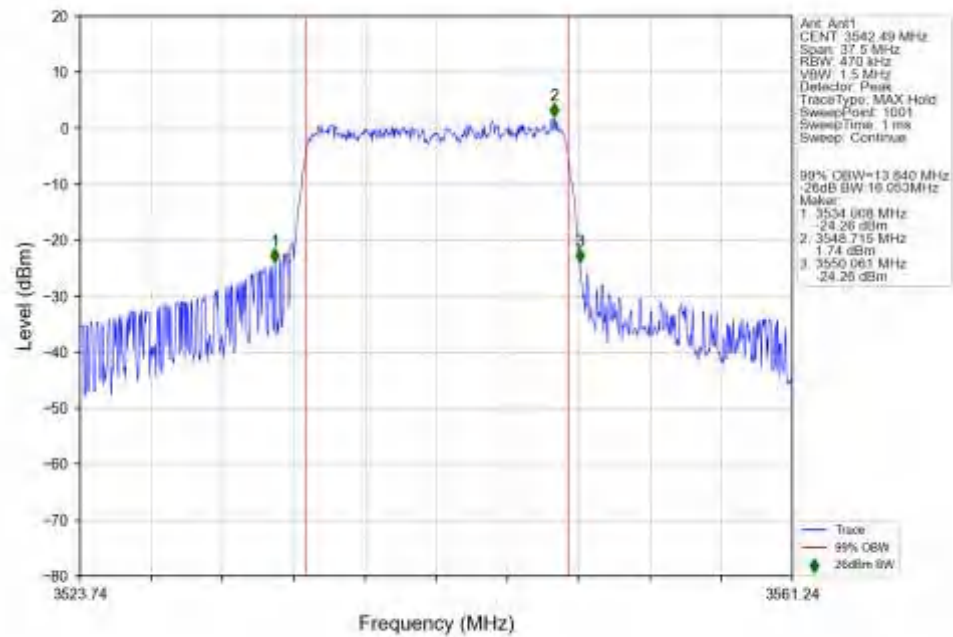
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n77d 30kHz SISO NTN 15MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant1

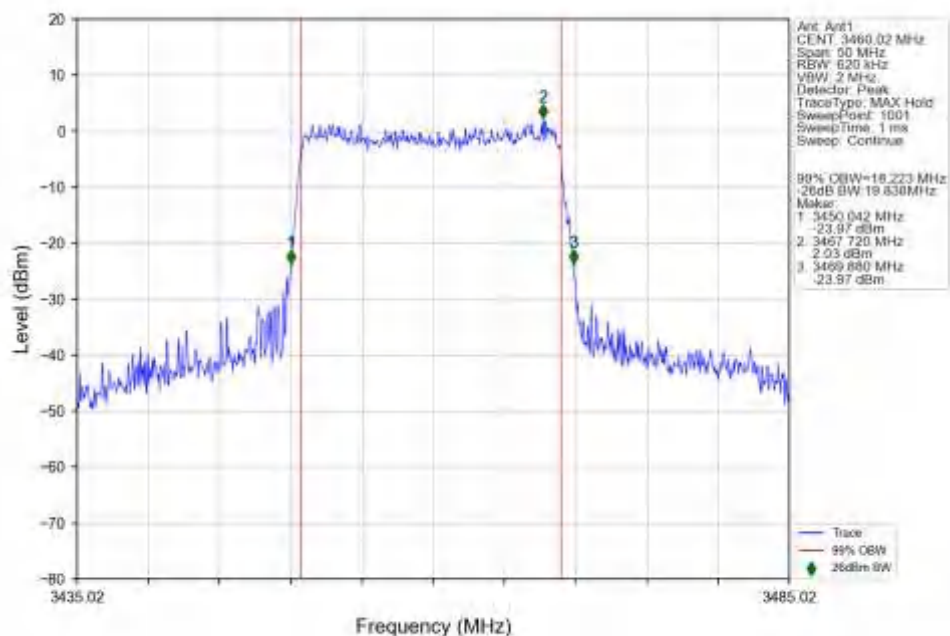


n77d 30kHz SISO NTN 15MHz CP-OFDM 256 QAM 3542.49MHz Outer Full Ant1

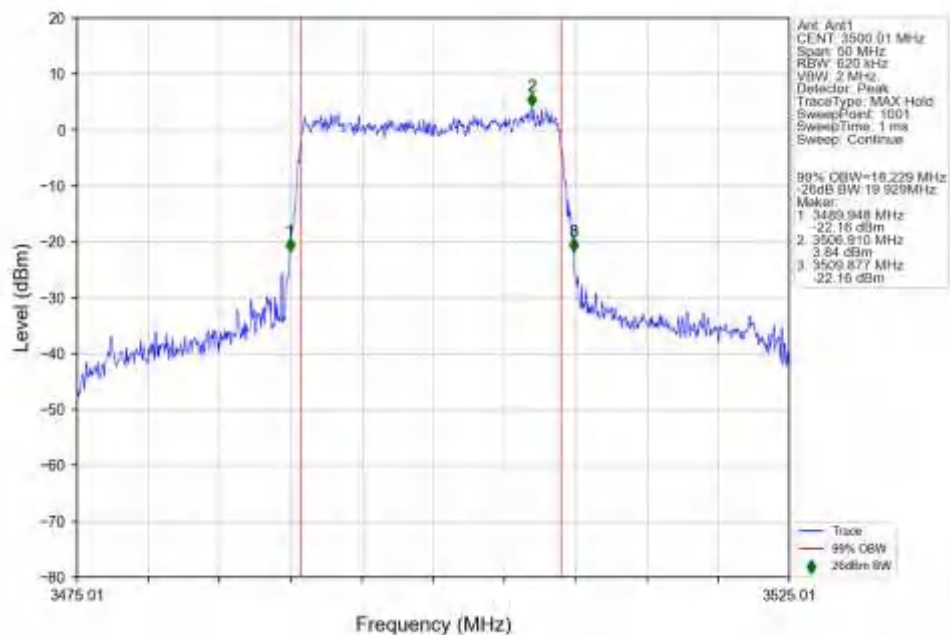


4.2.10 30k_SISO_20MHz_NTNV

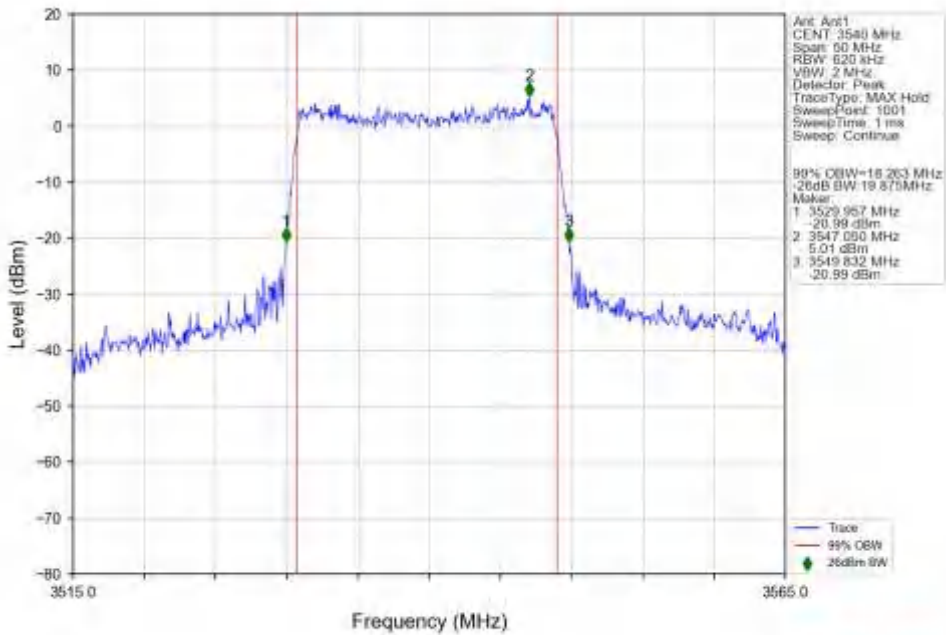
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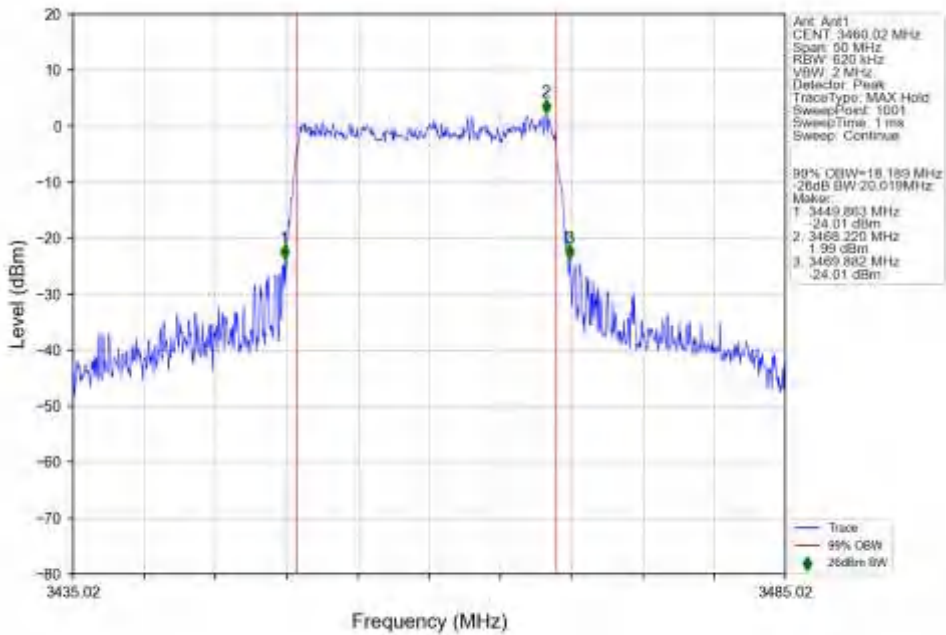
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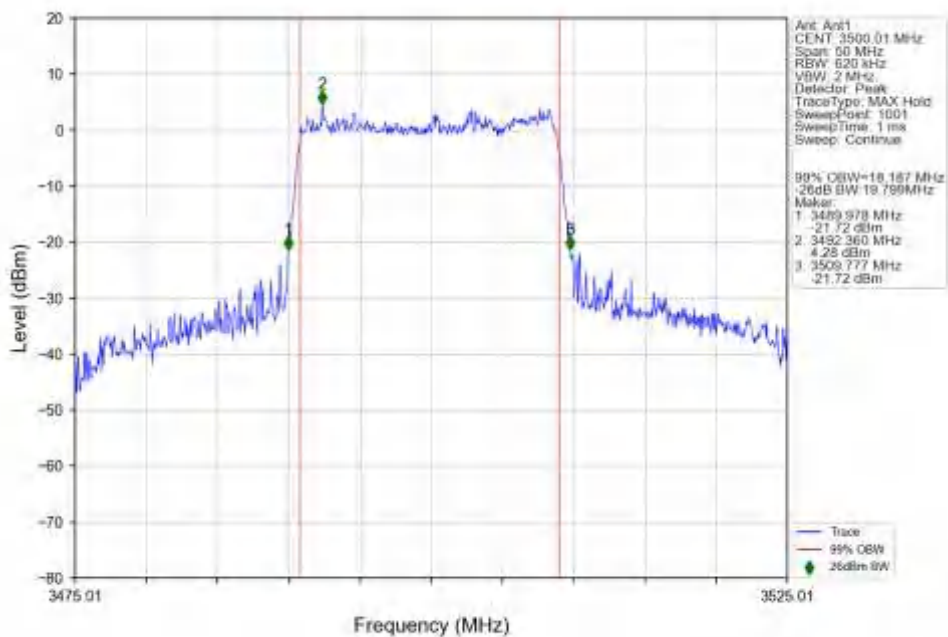
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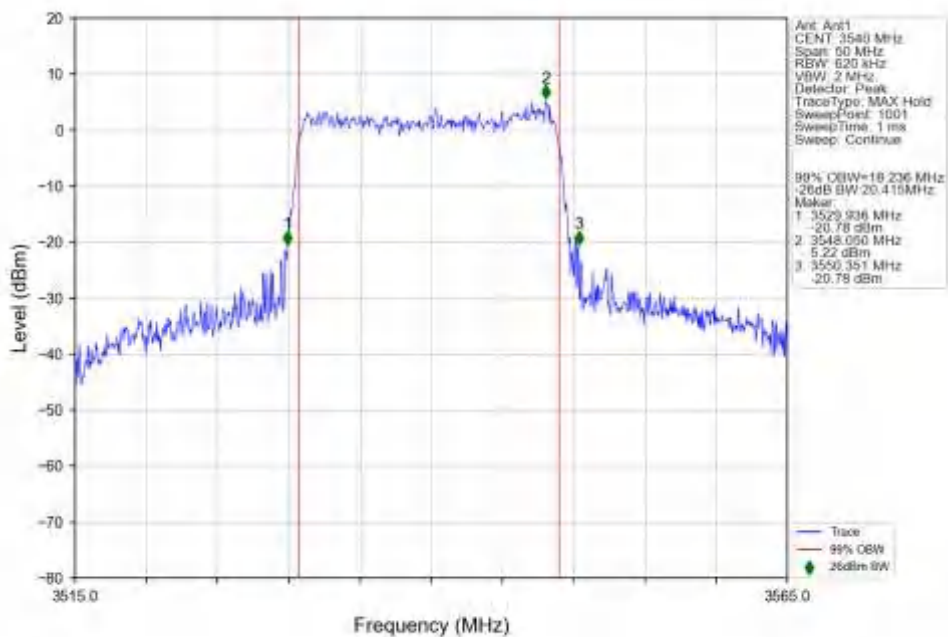
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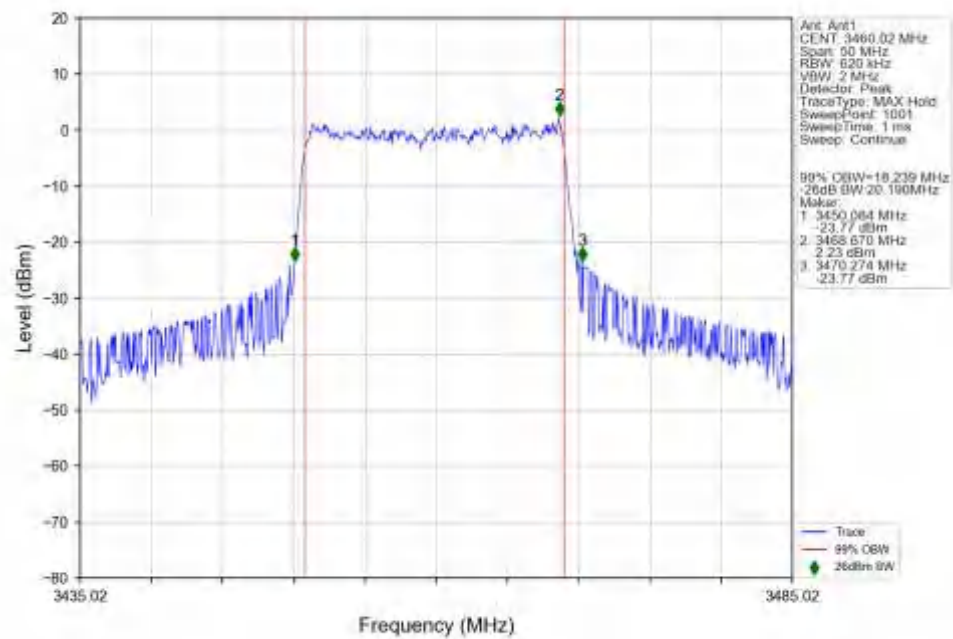
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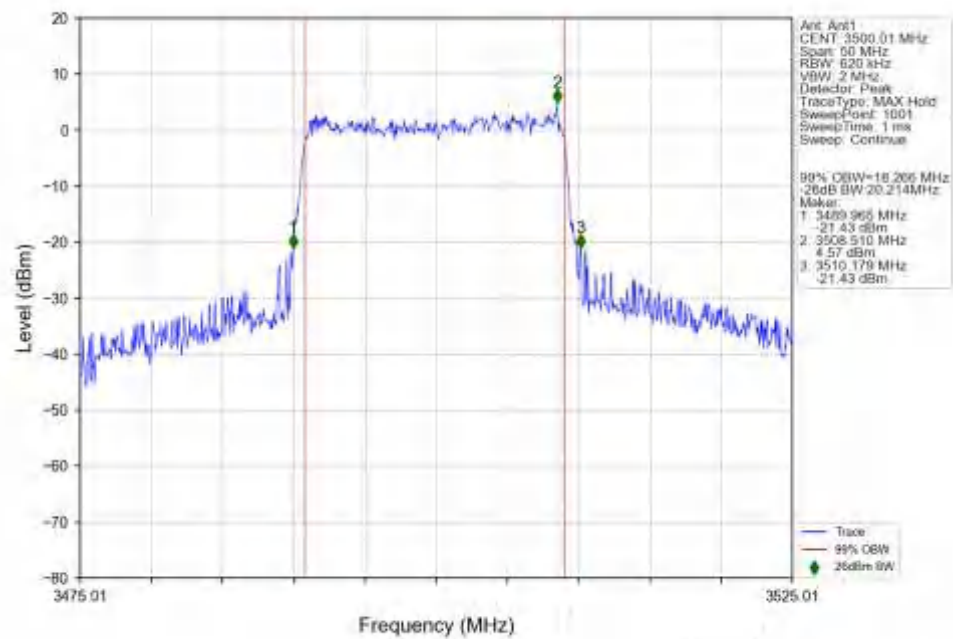
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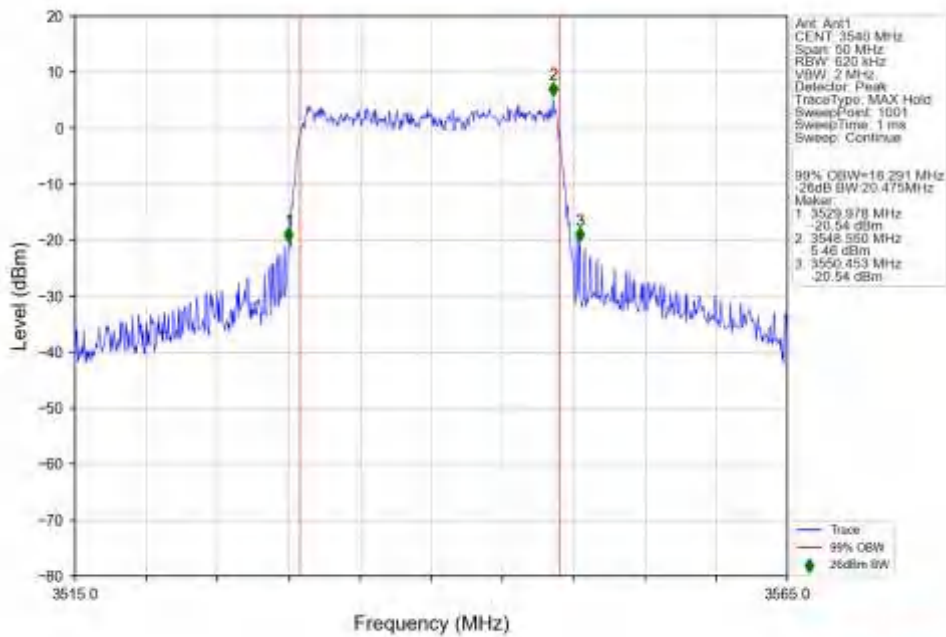
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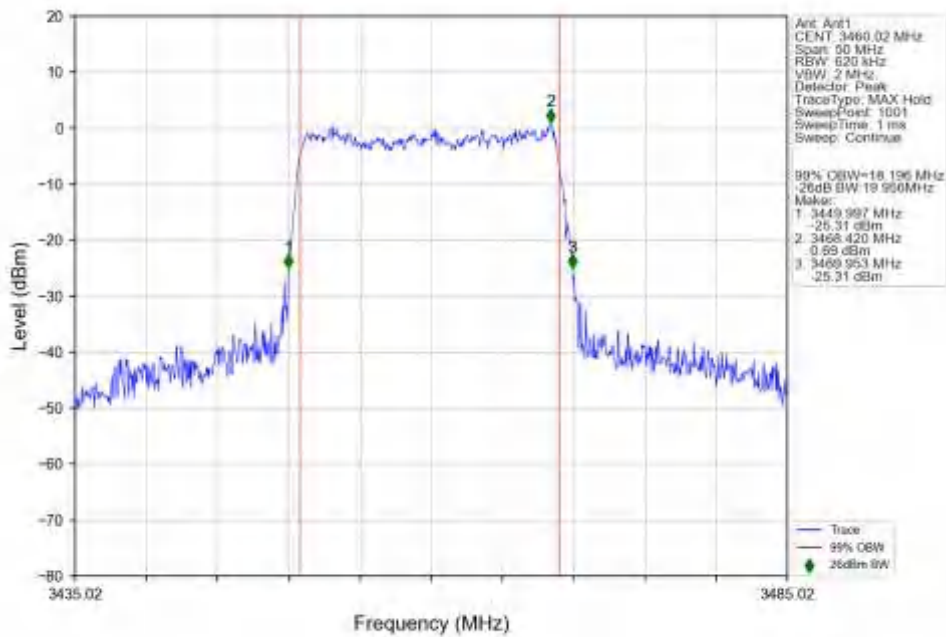
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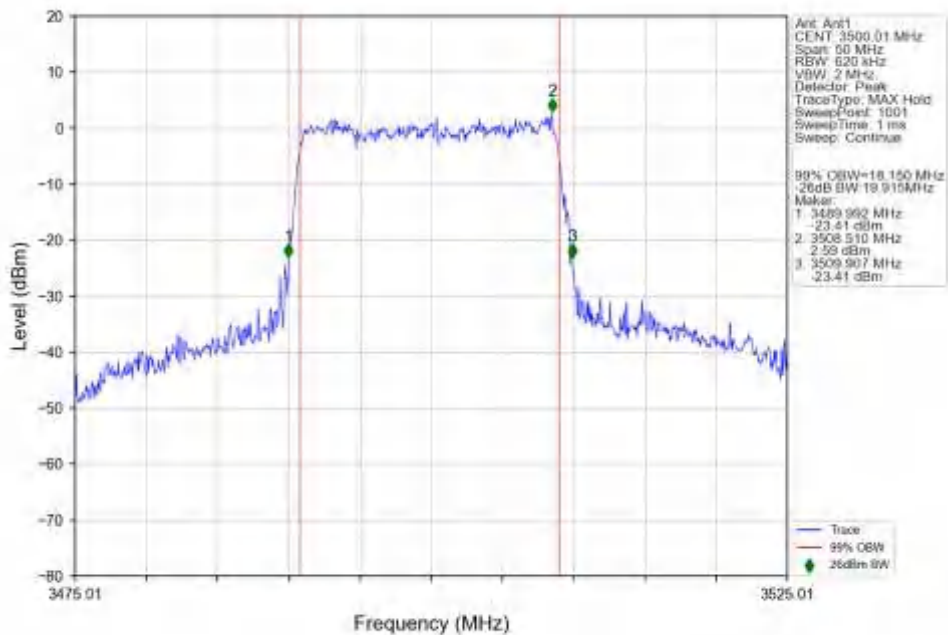
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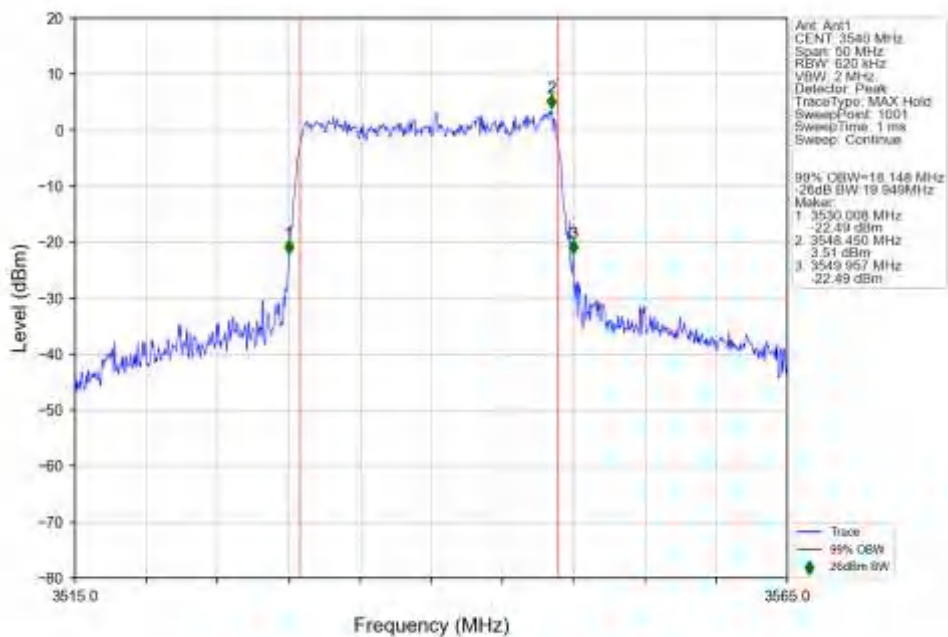
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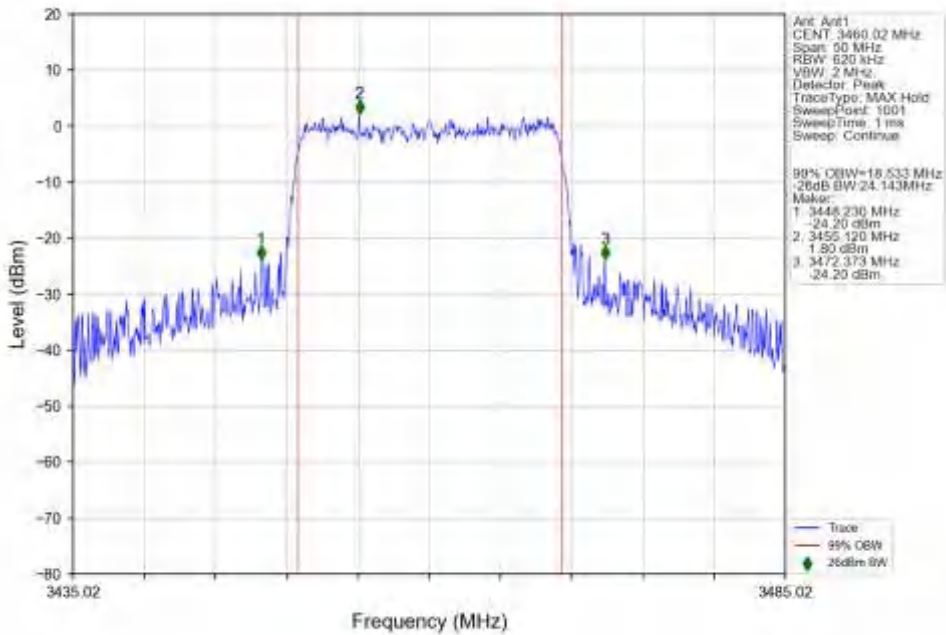
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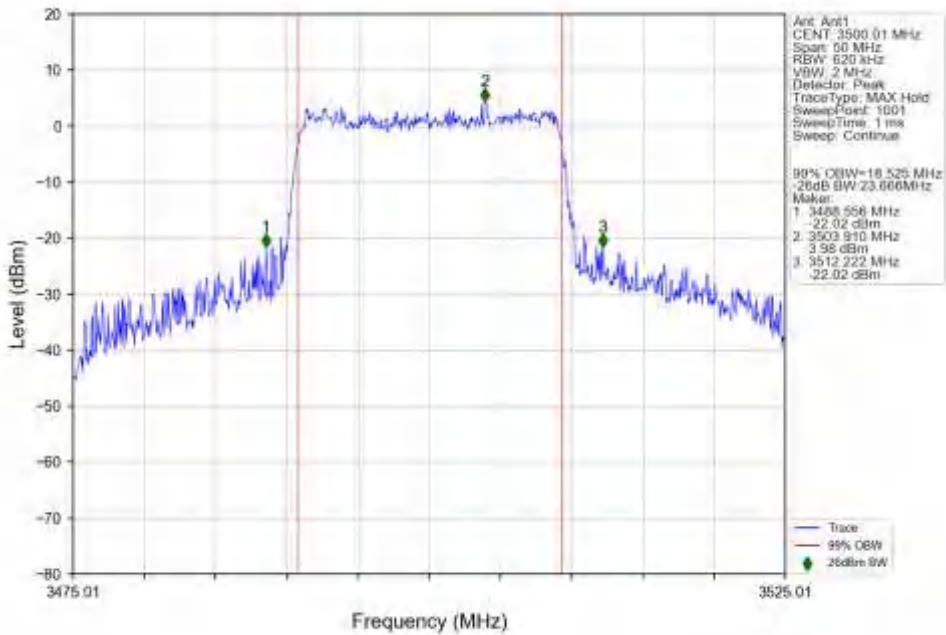
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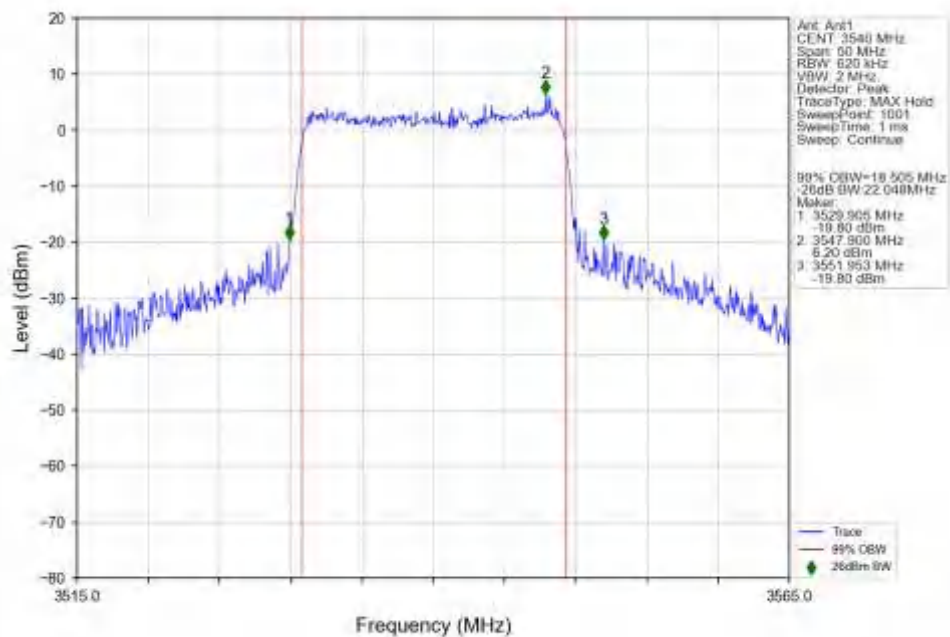
n77d 30kHz SISO NTN 20MHz CP-OFDM QPSK 3460.02MHz Outer Full Ant1



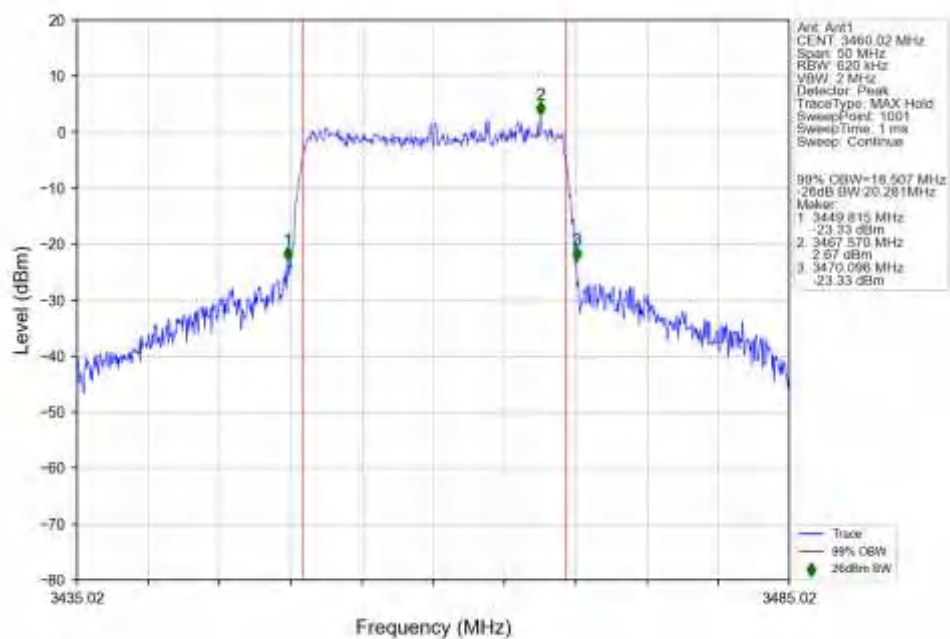
n77d 30kHz SISO NTN 20MHz CP-OFDM QPSK 3500.01MHz Outer Full Ant1



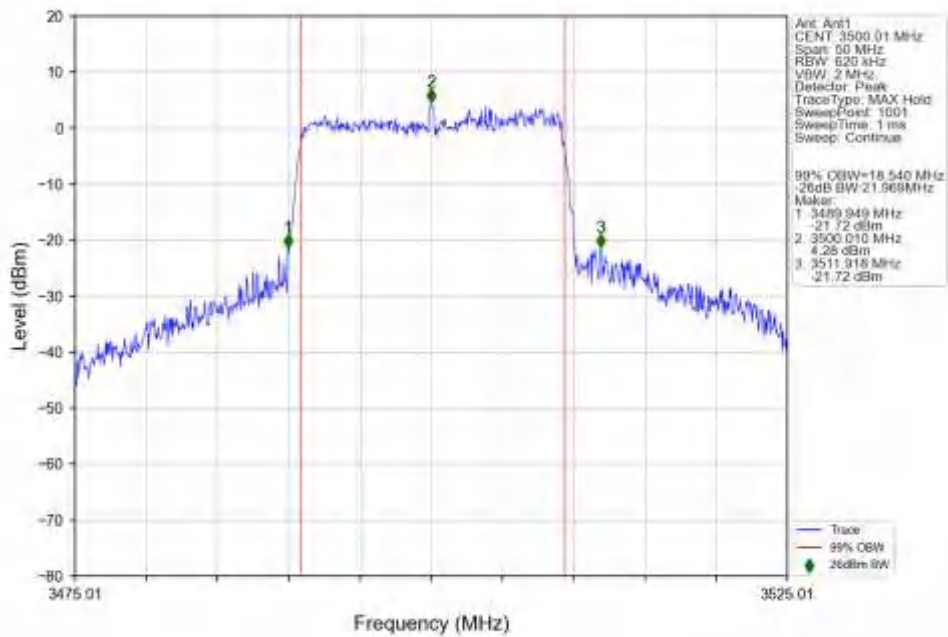
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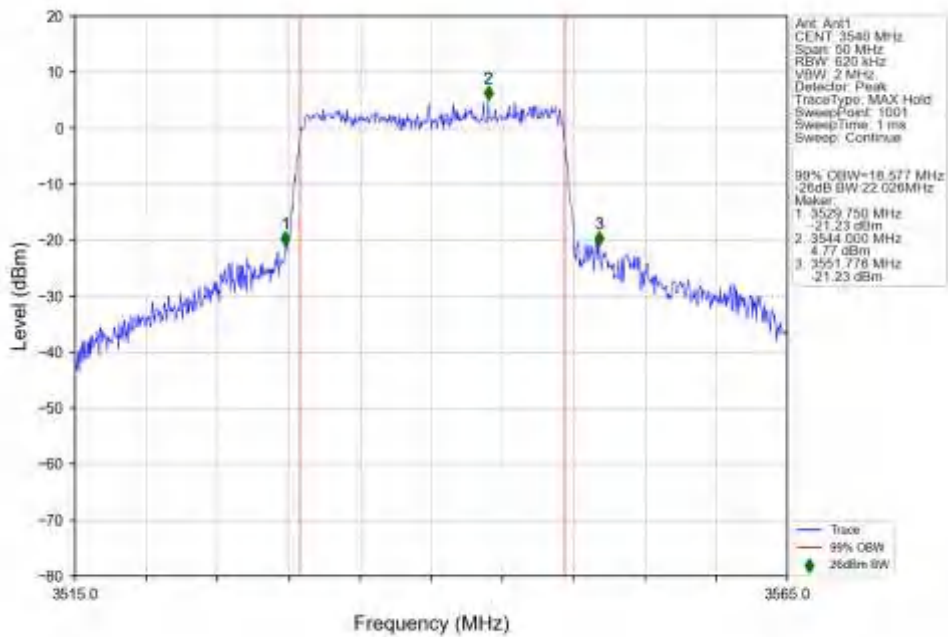
n77d 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 3460.02MHz Outer Full Ant1



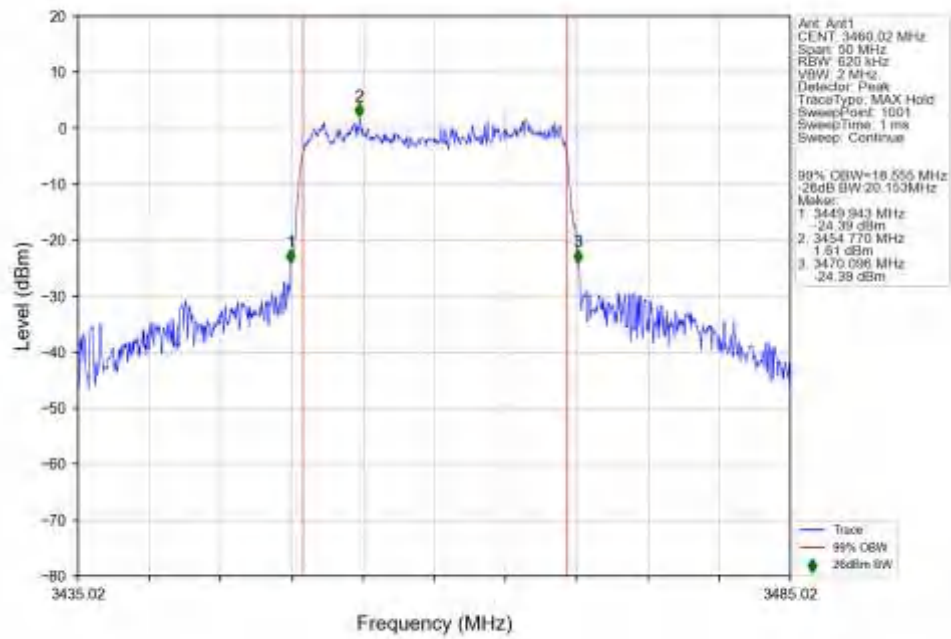
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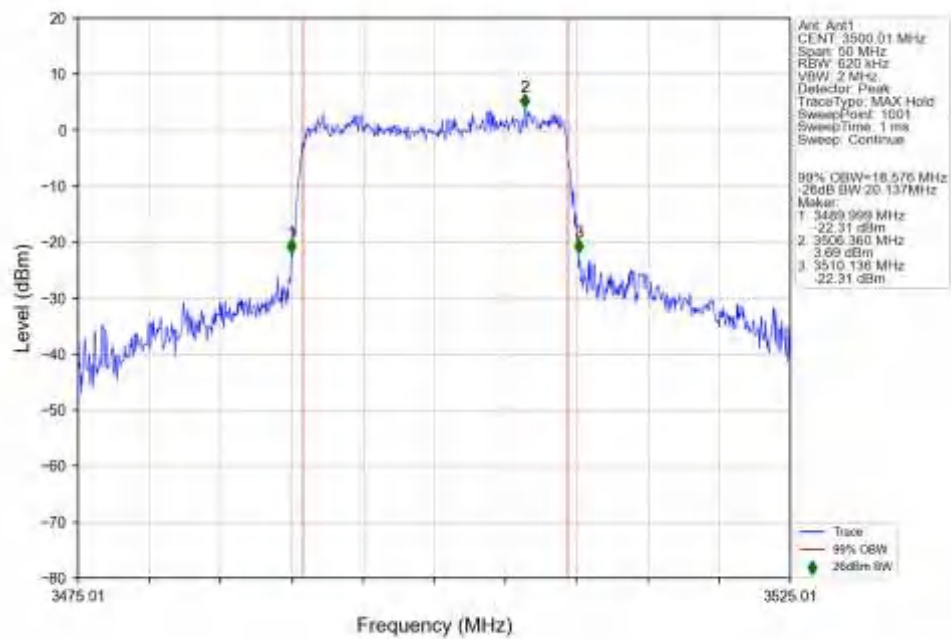
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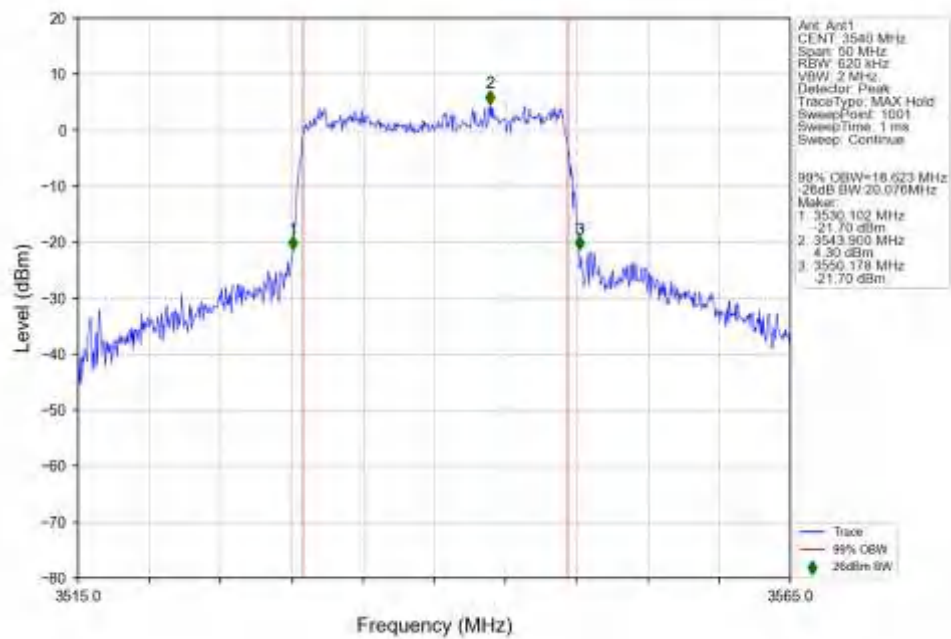
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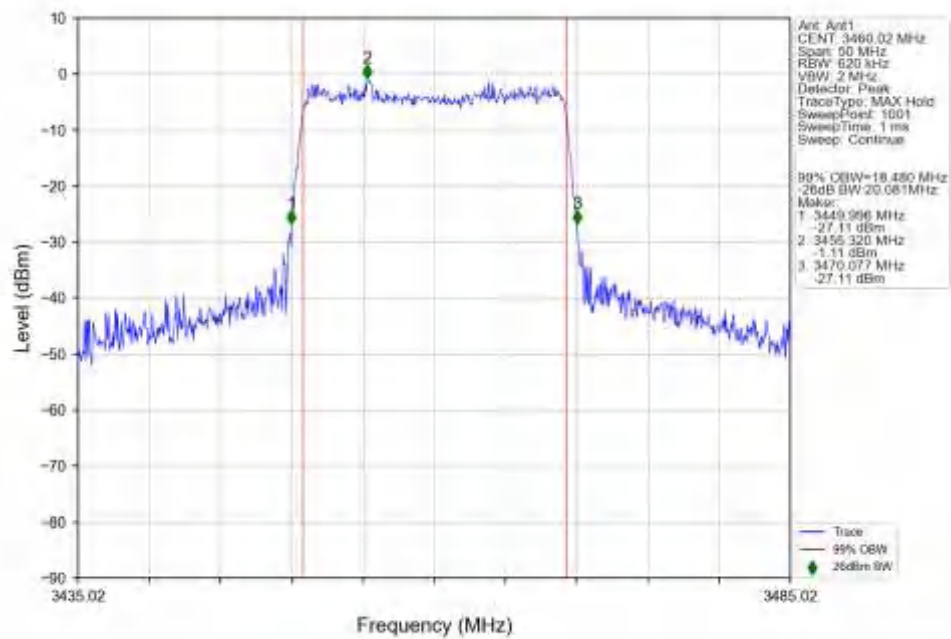
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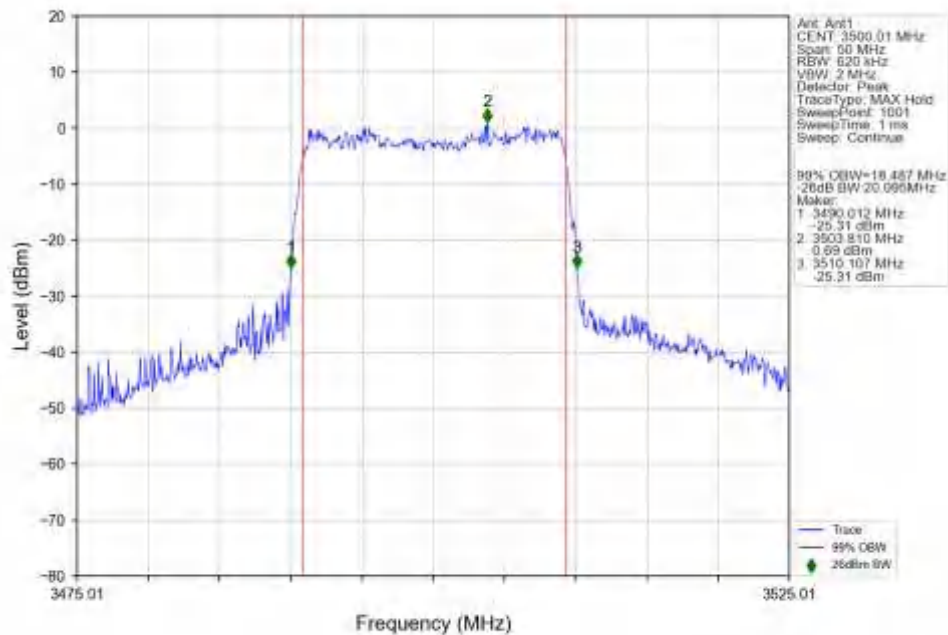
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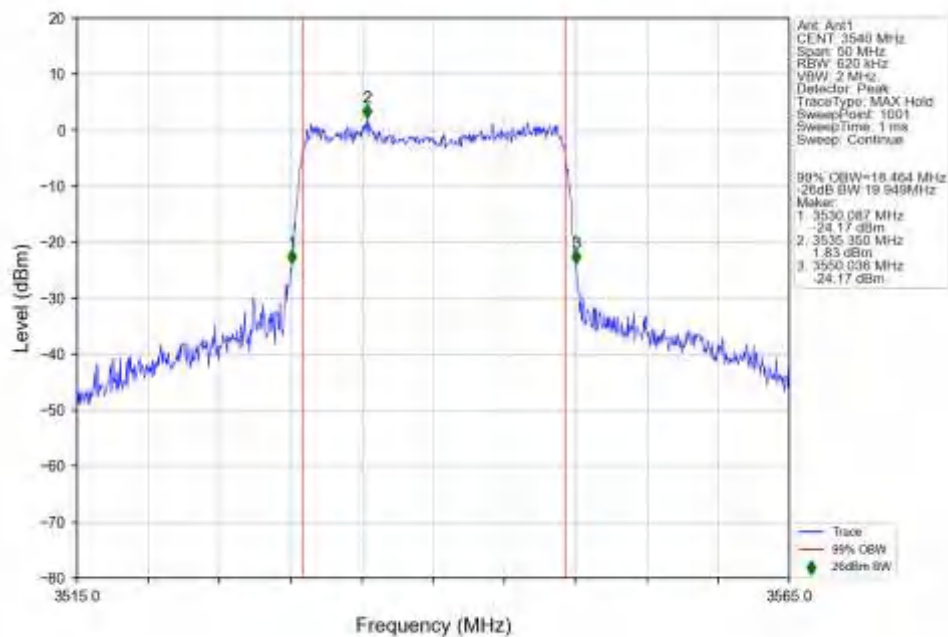
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n77d 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant1

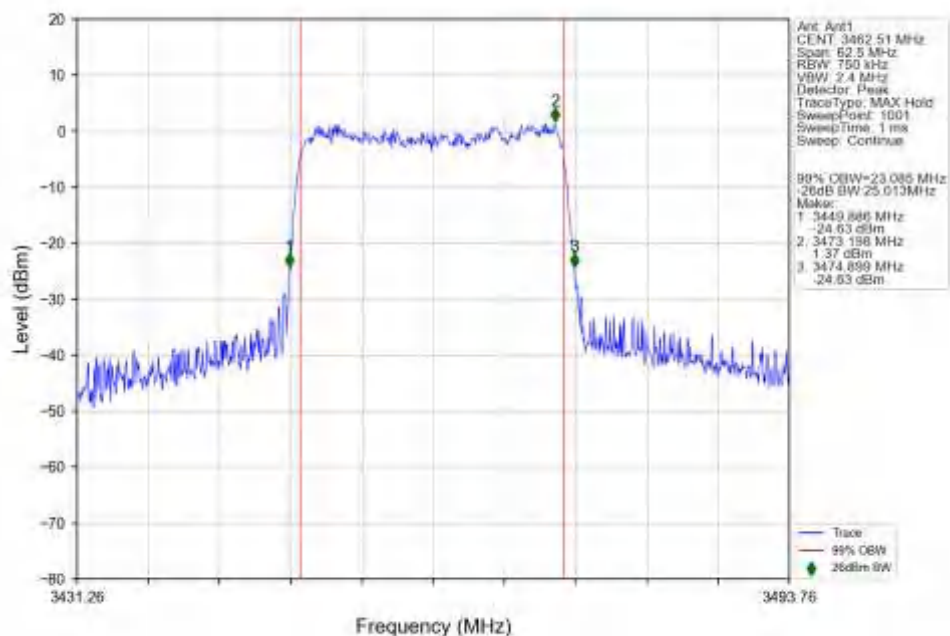


n77d 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 3540MHz Outer Full Ant1

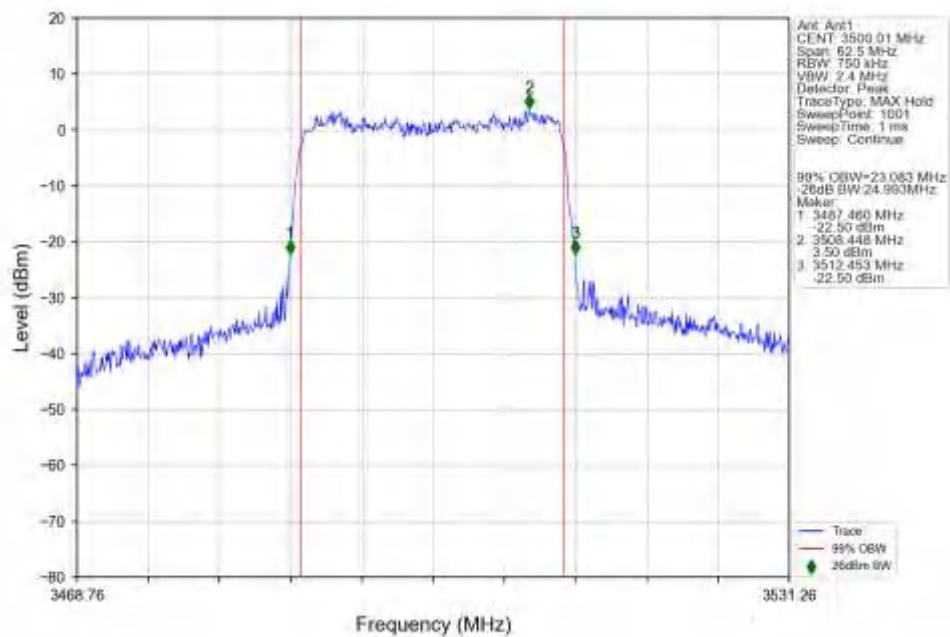


4.2.11 30k_SISO_25MHz_NTNV

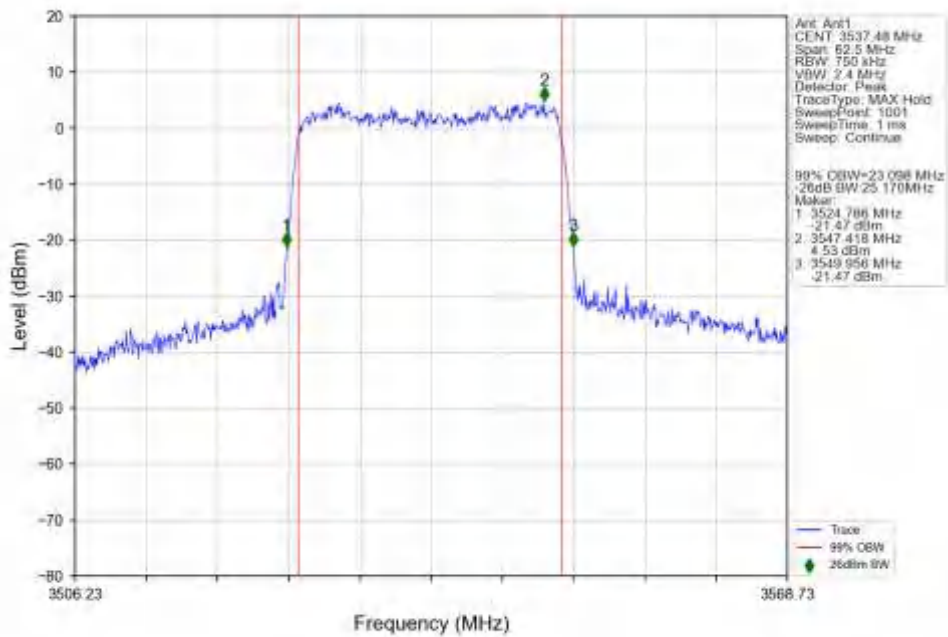
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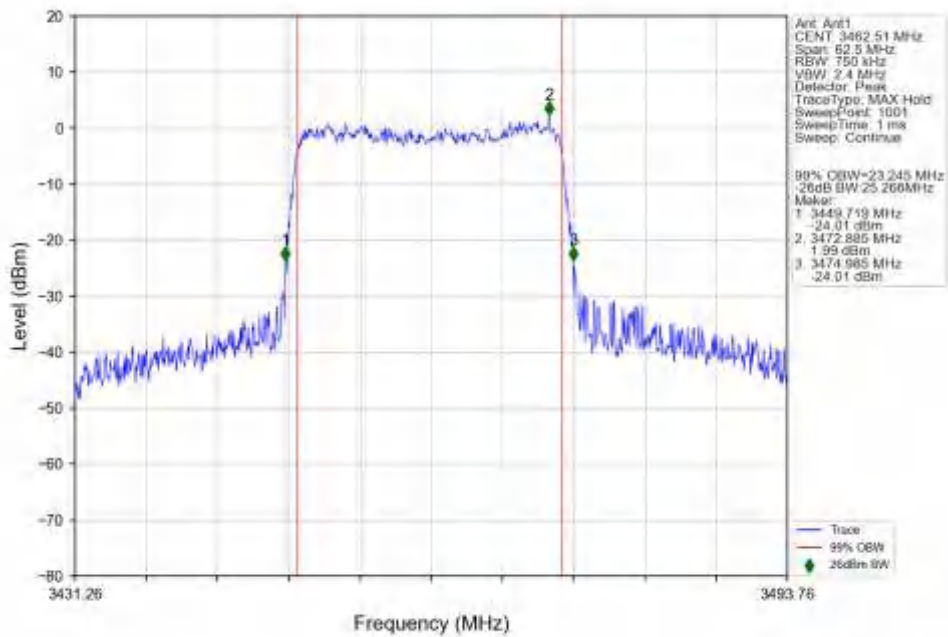
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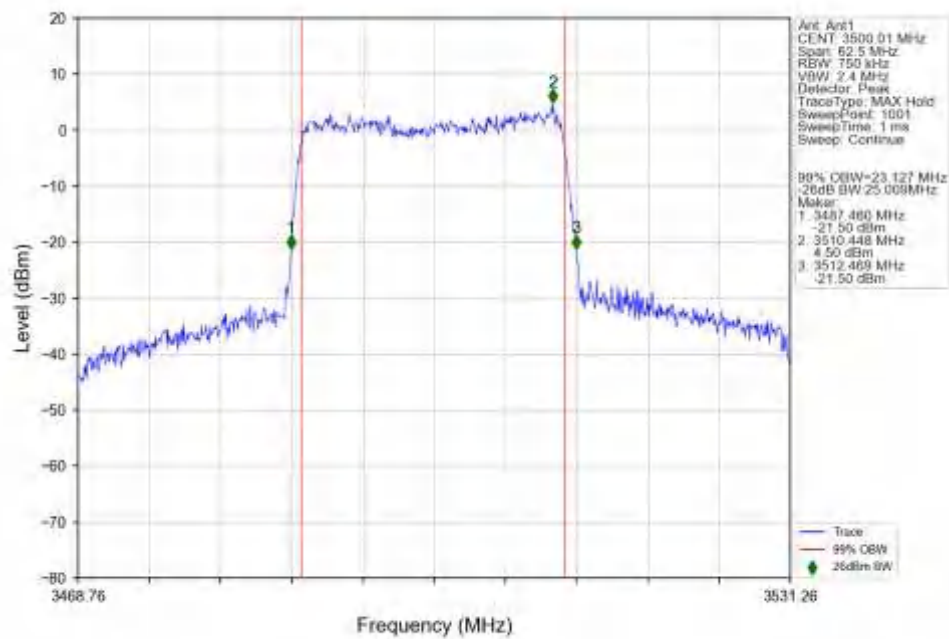
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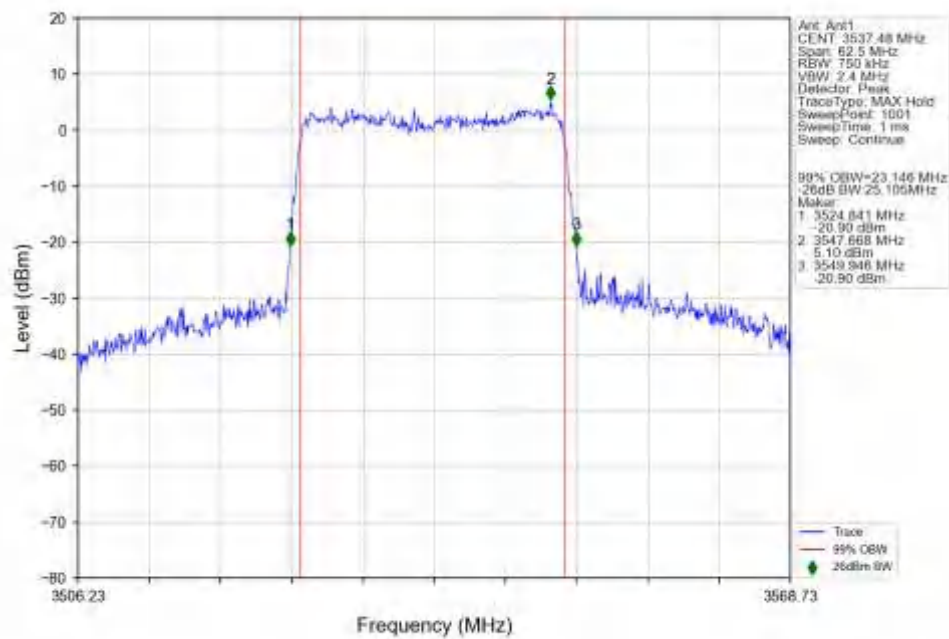
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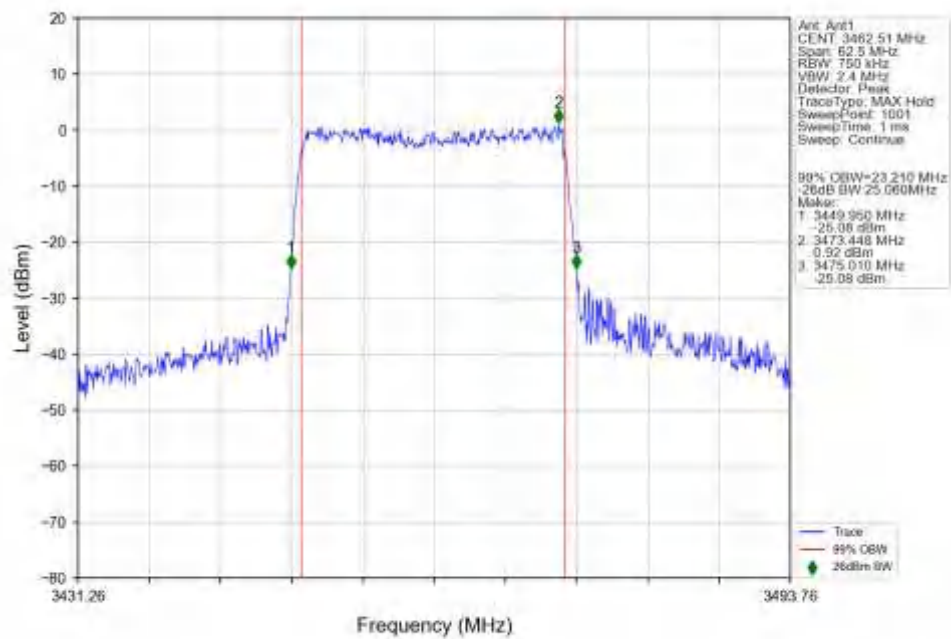
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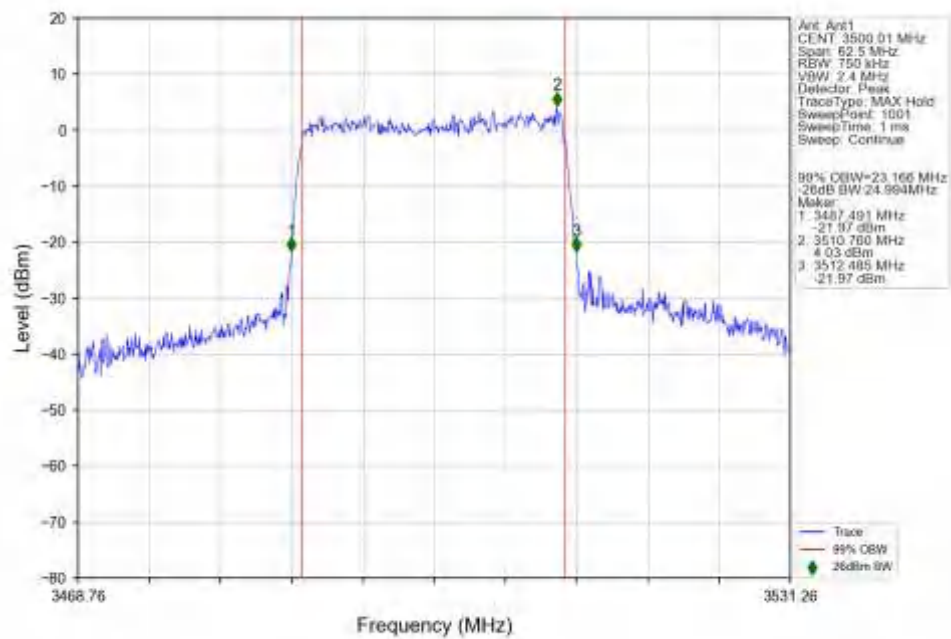
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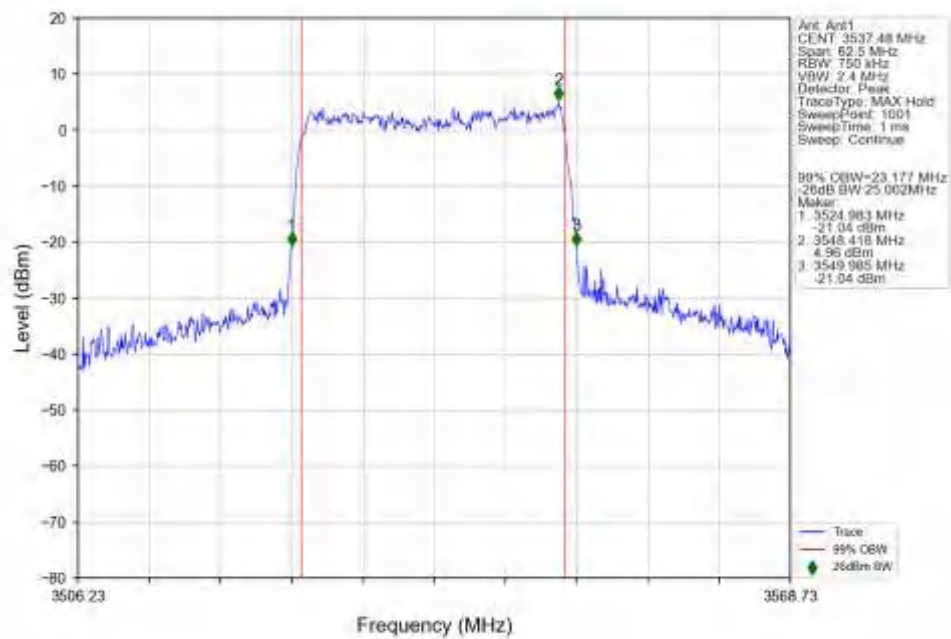
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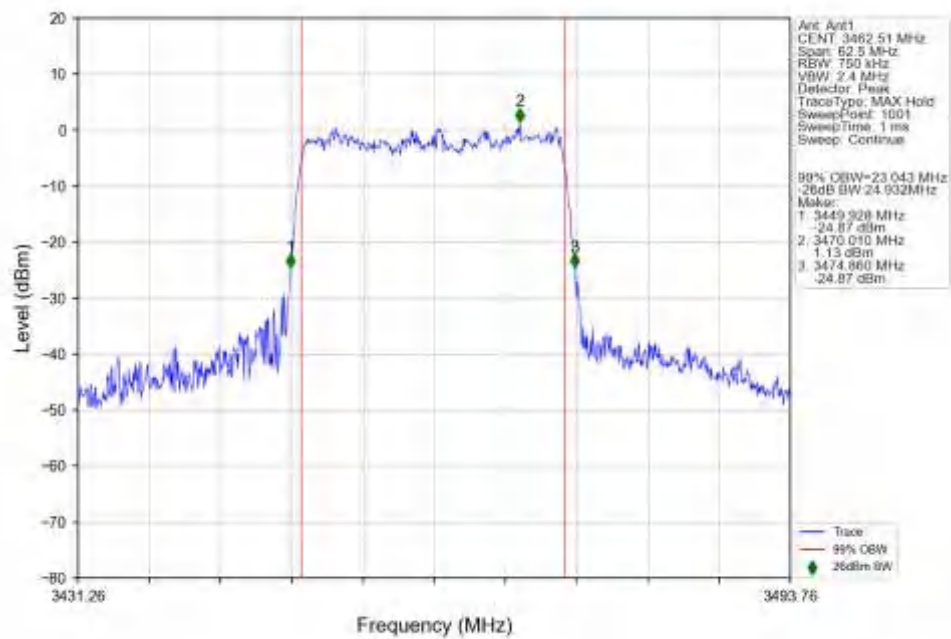
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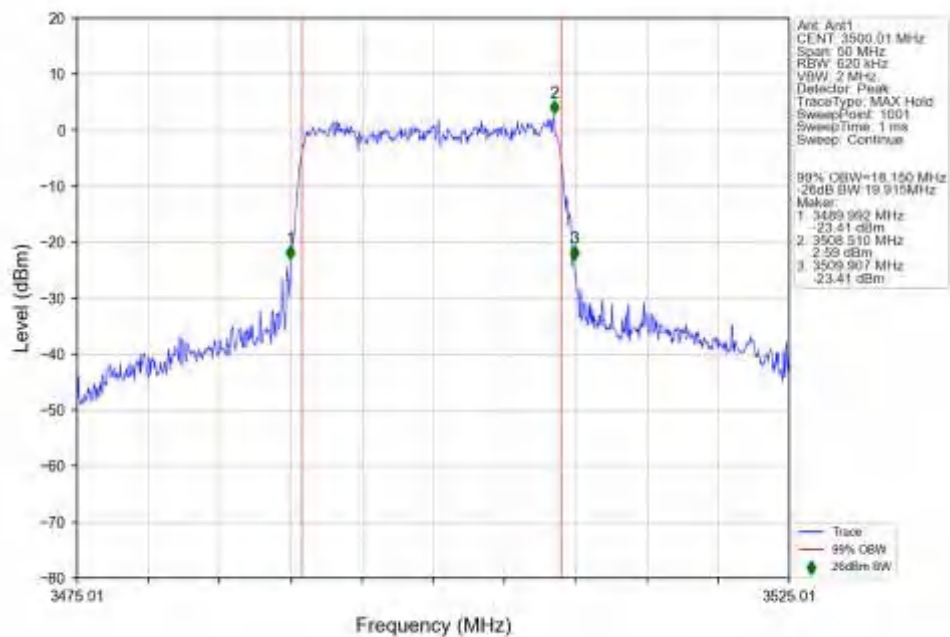
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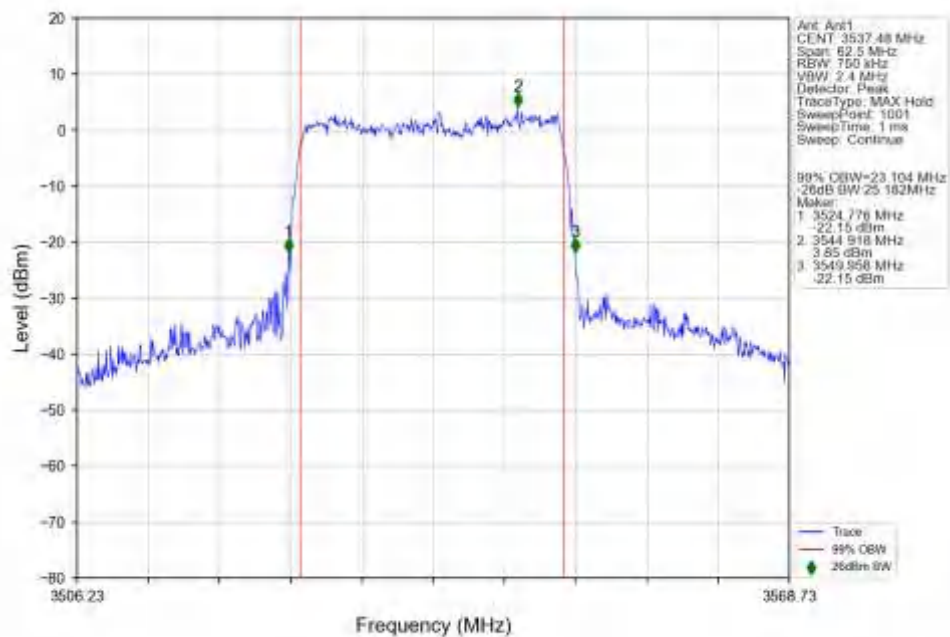
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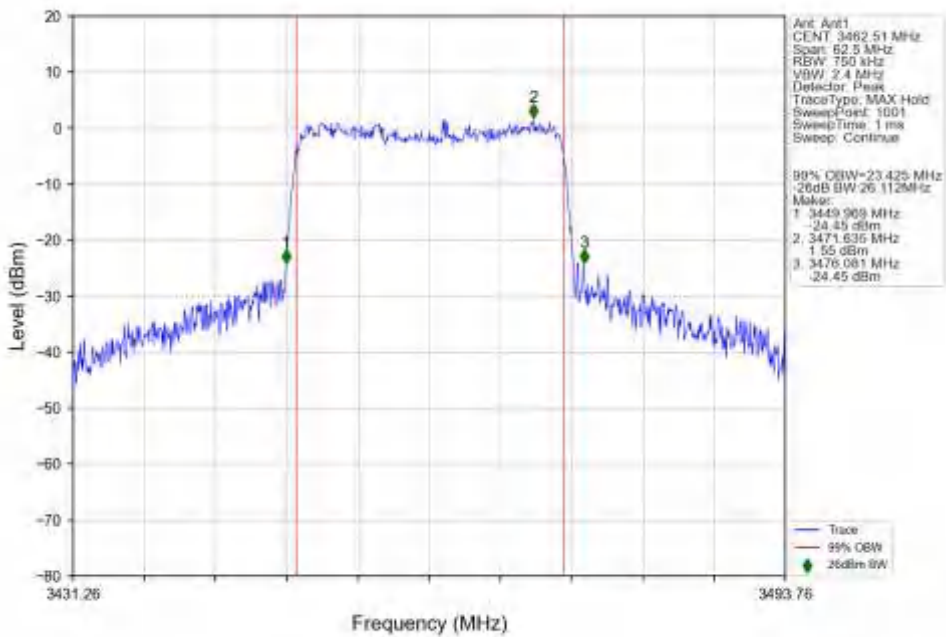
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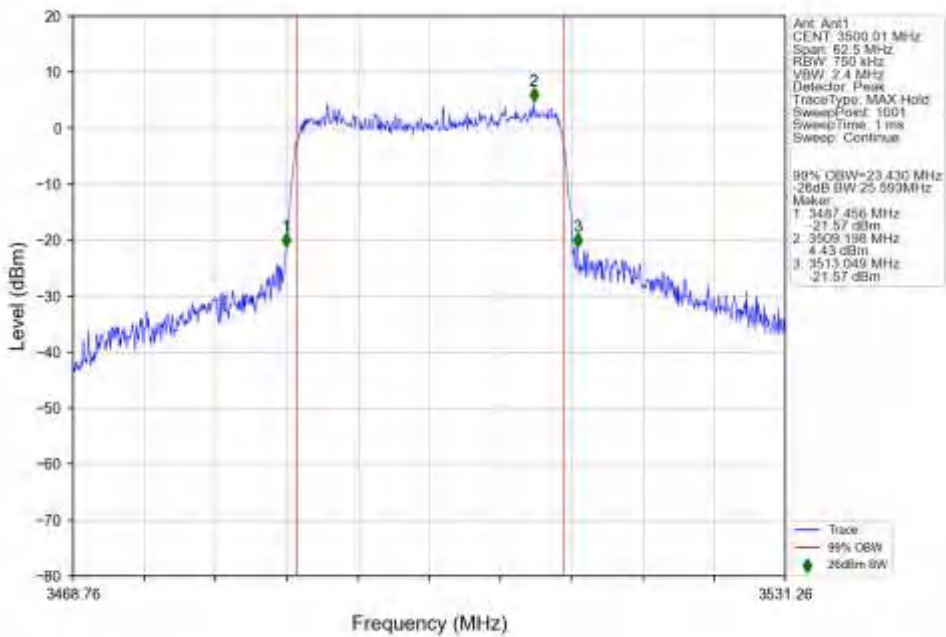
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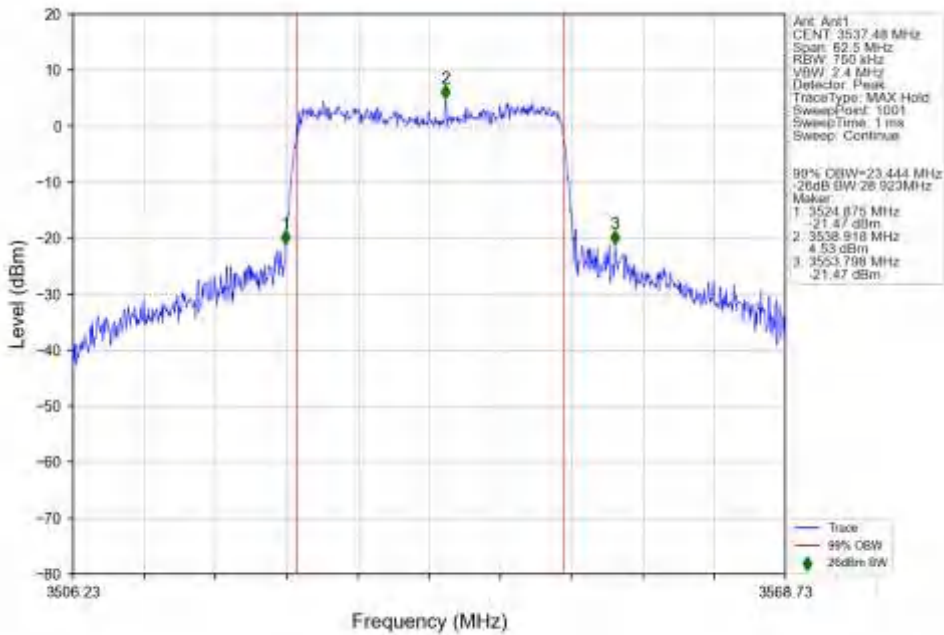
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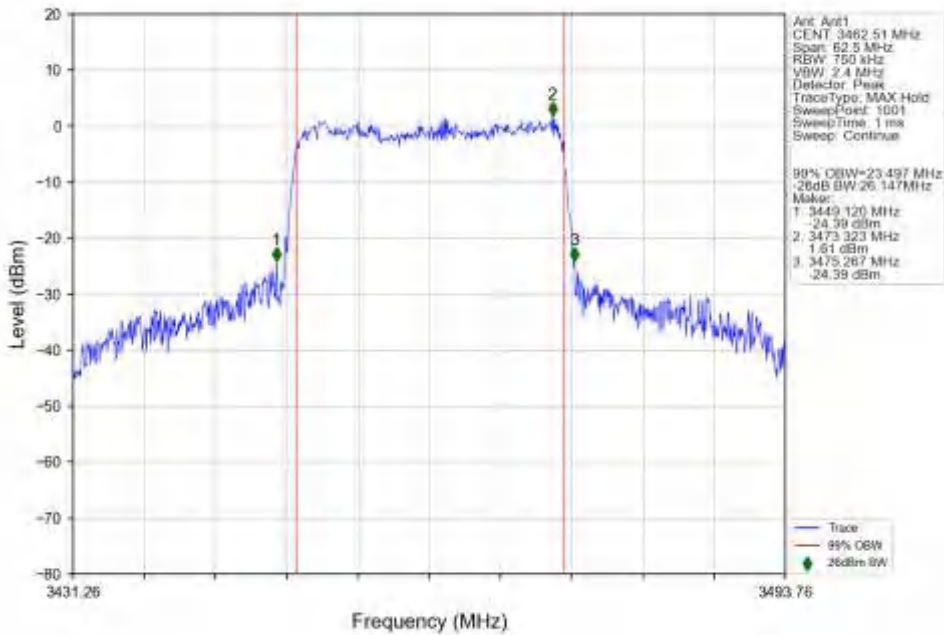
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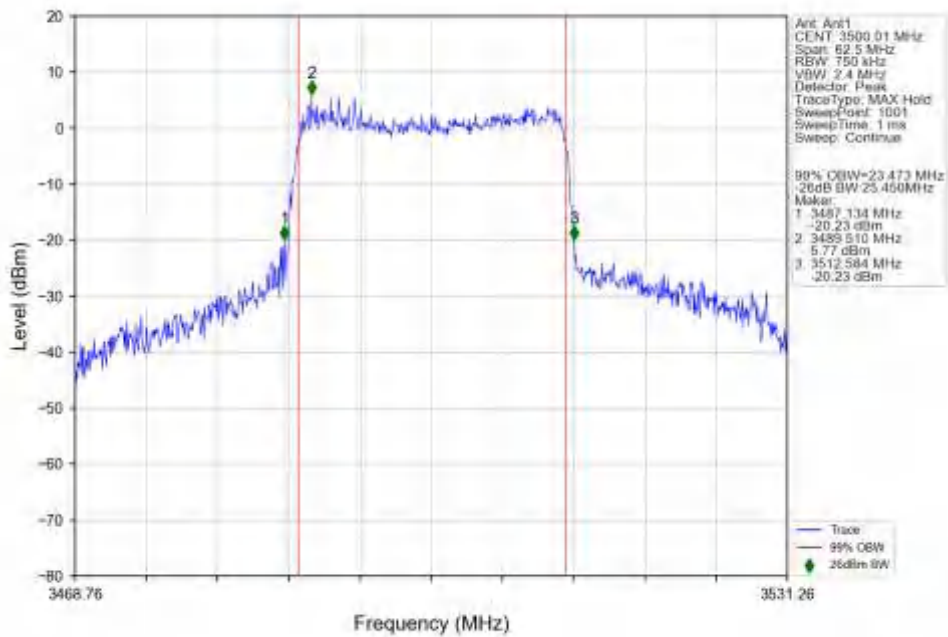
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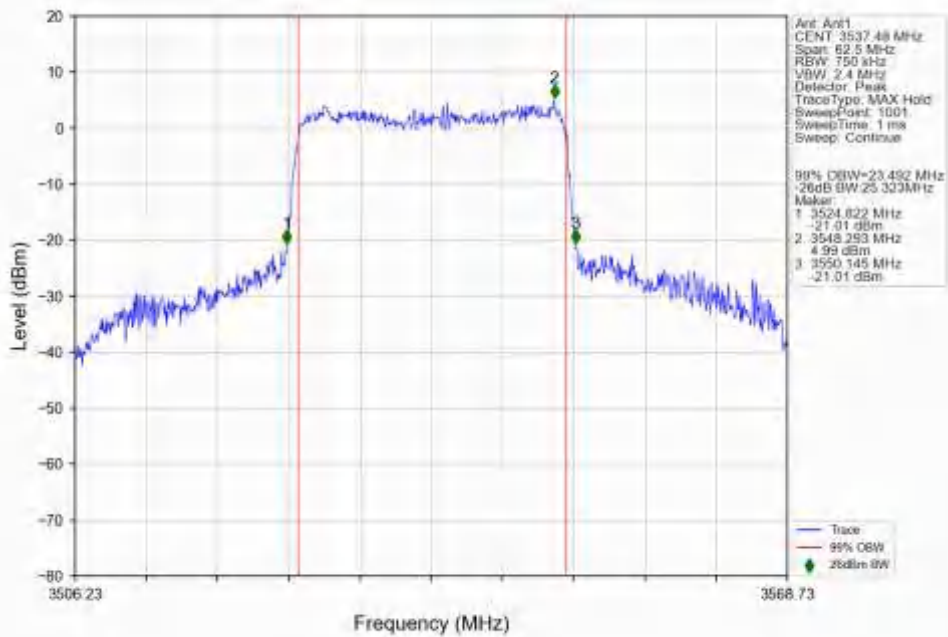
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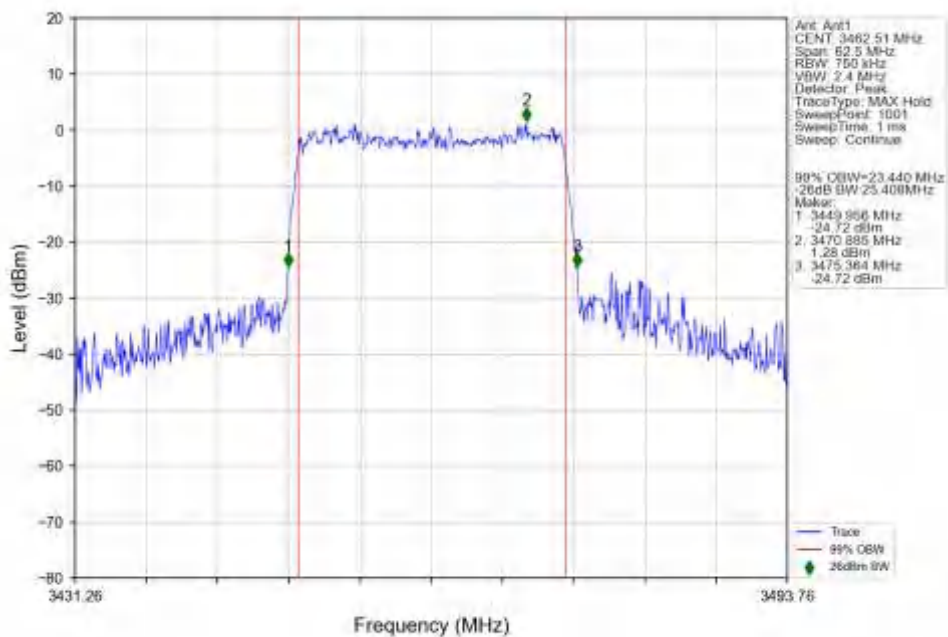
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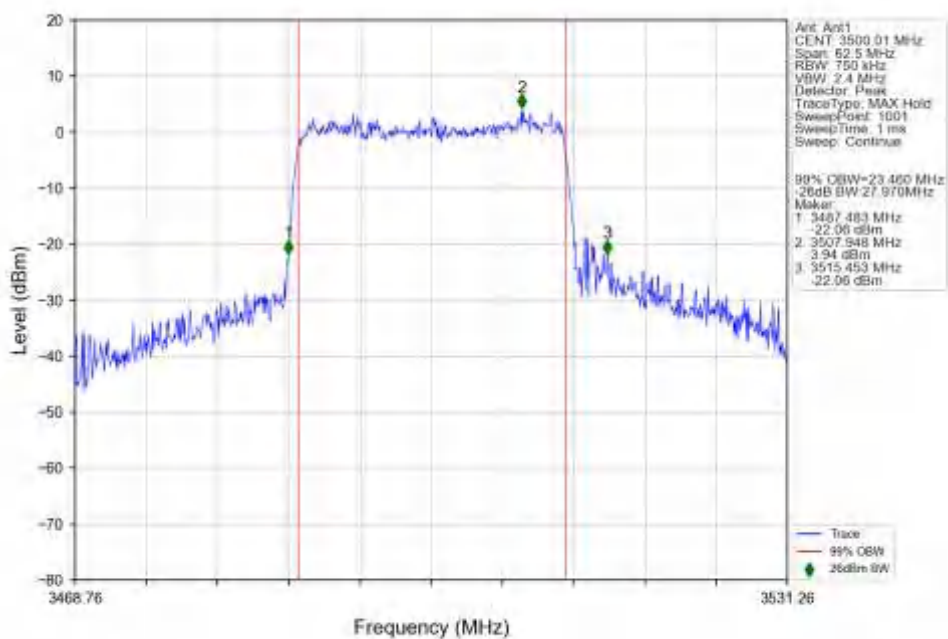
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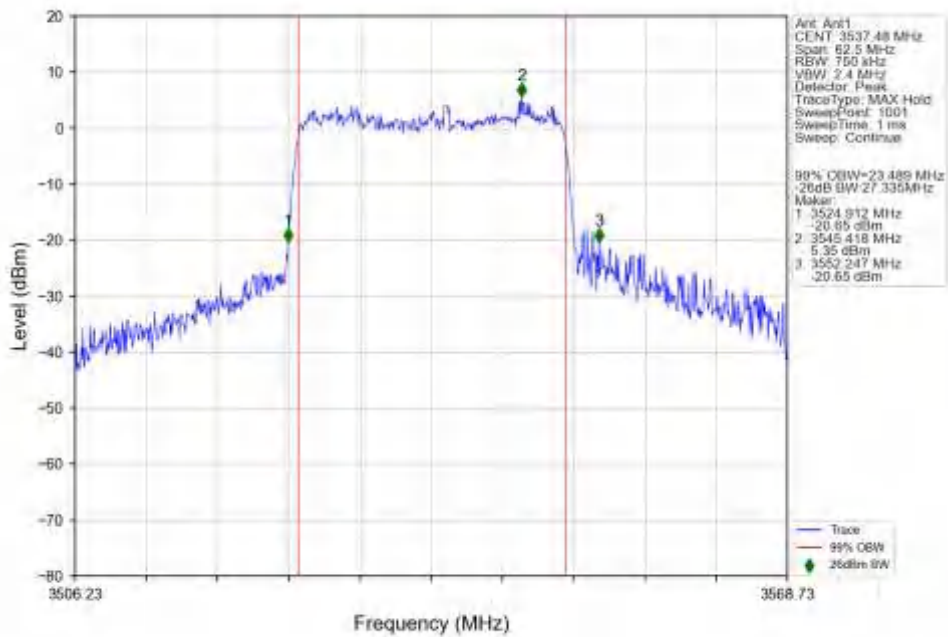
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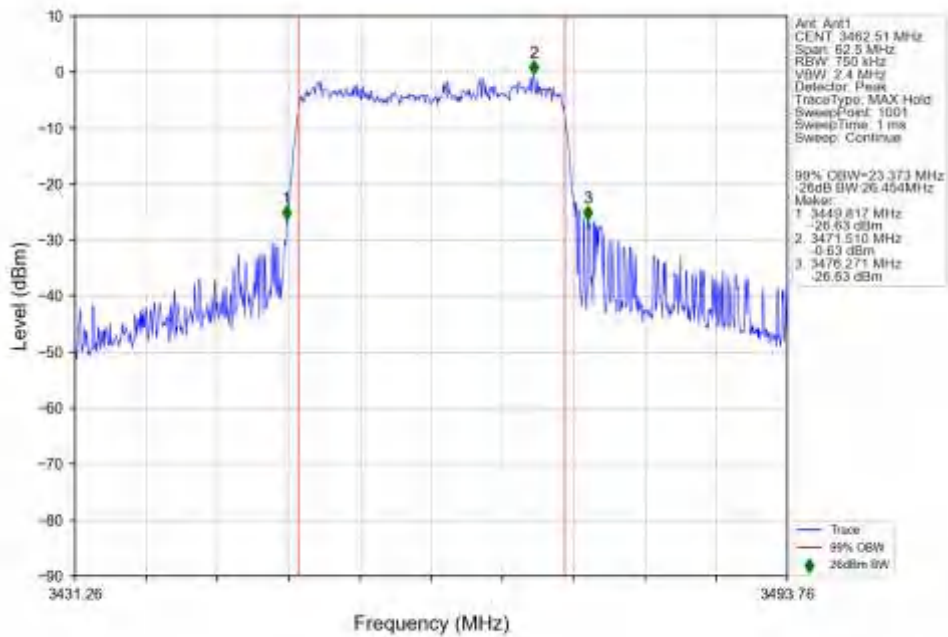
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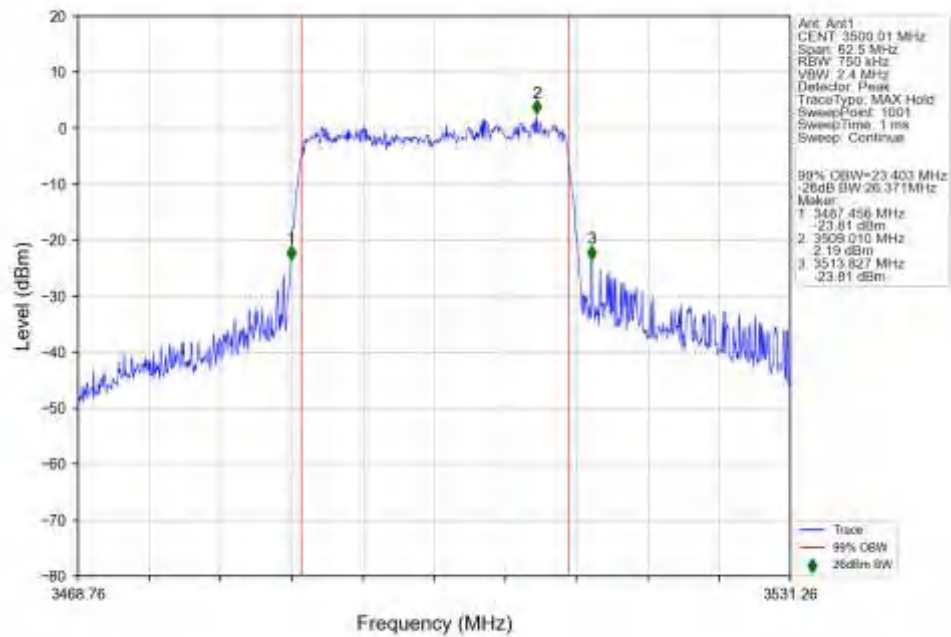
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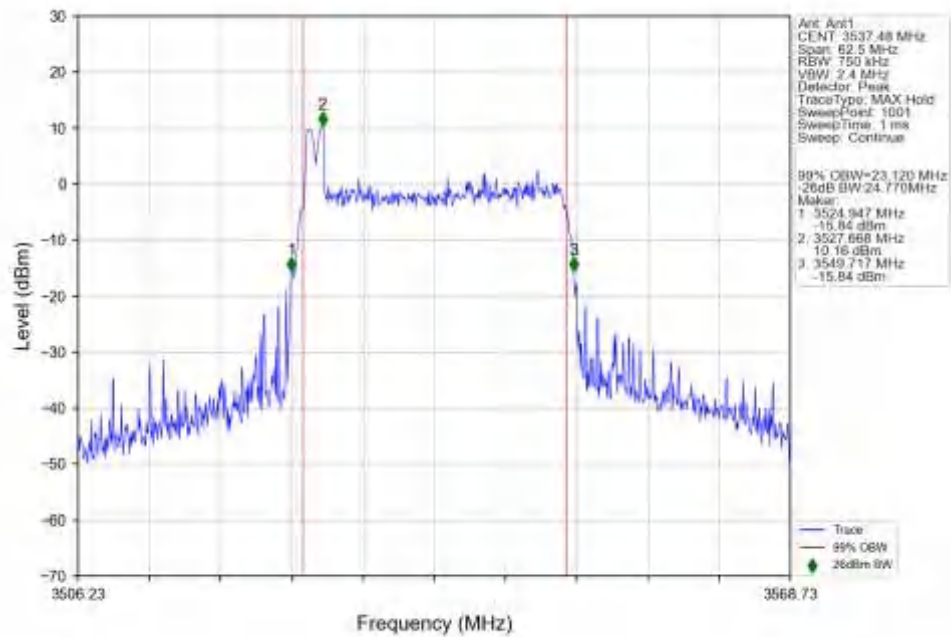
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n77d 30kHz SISO NTN 25MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant1

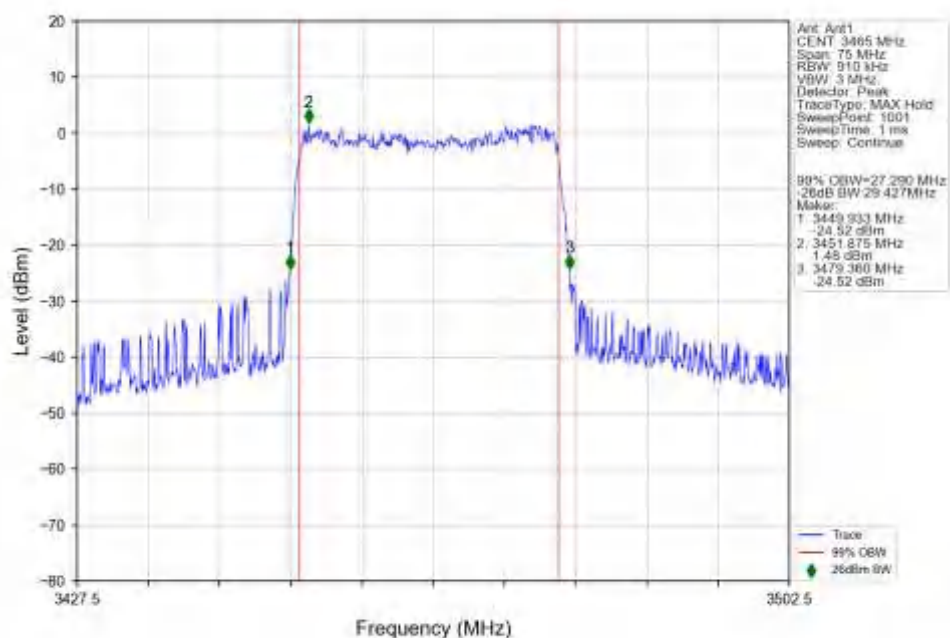


n77d 30kHz SISO NTN 25MHz CP-OFDM 256 QAM 3537.48MHz Outer Full Ant1

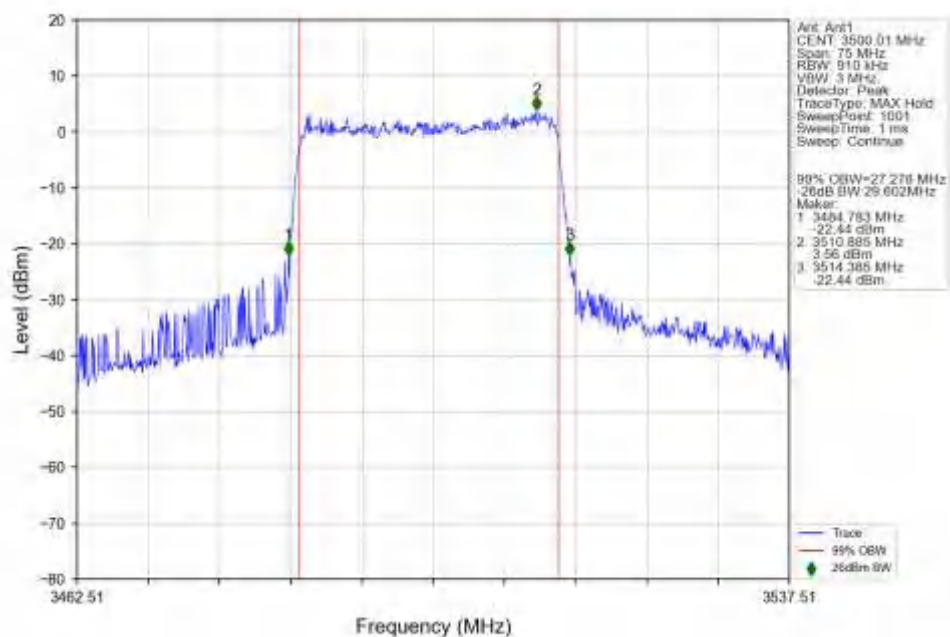


4.2.12 30k_SISO_30MHz_NTNV

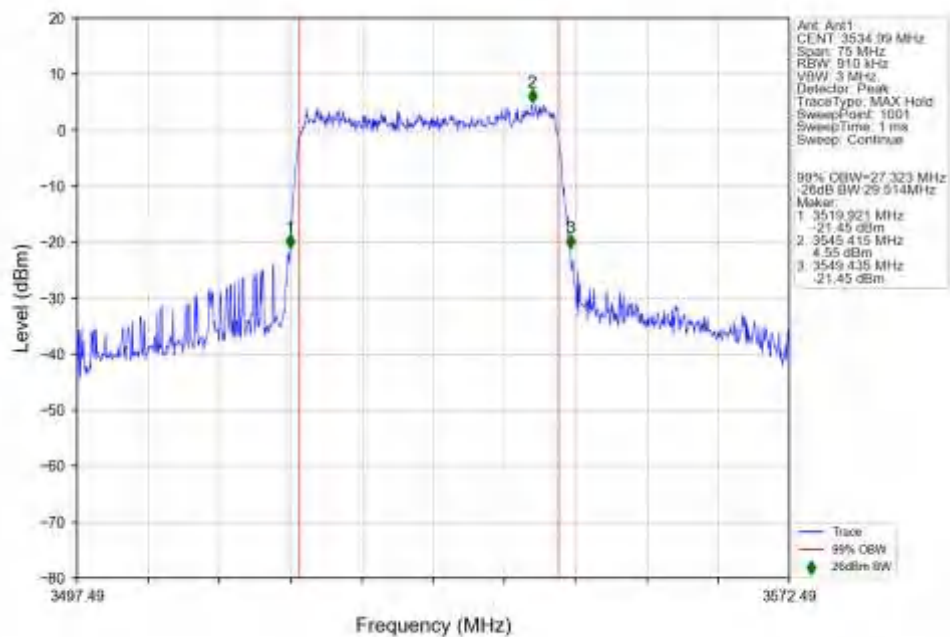
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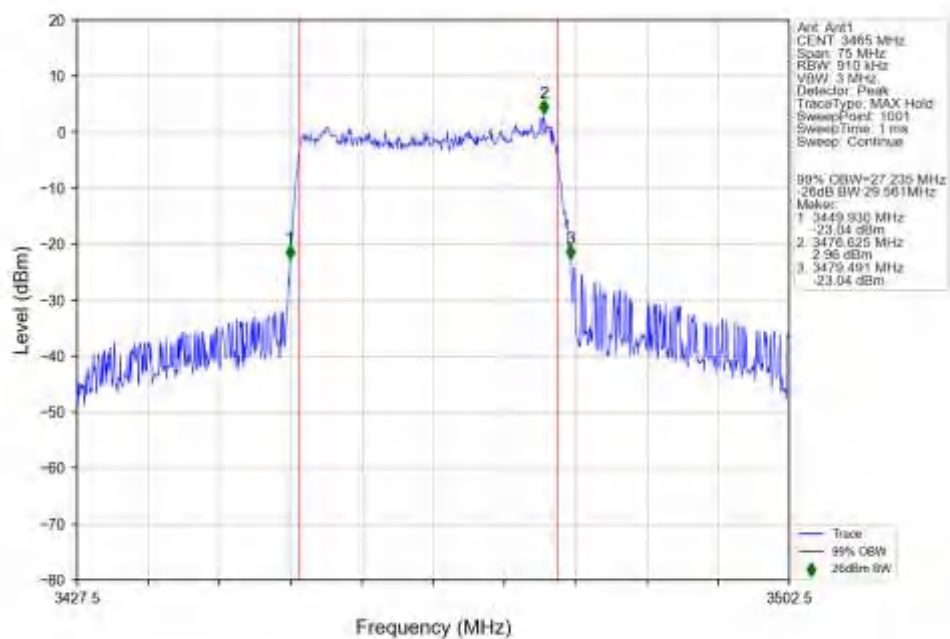
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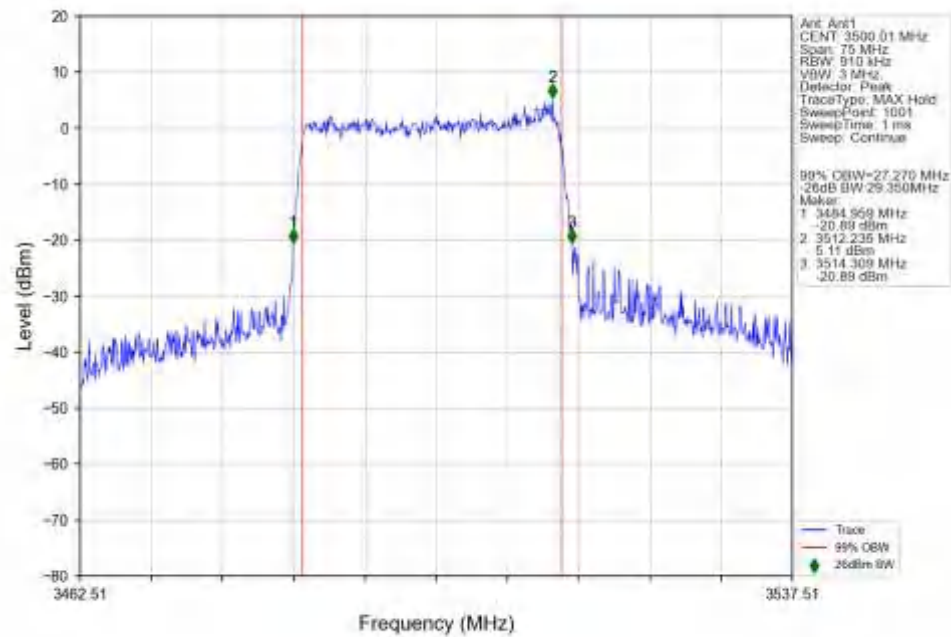
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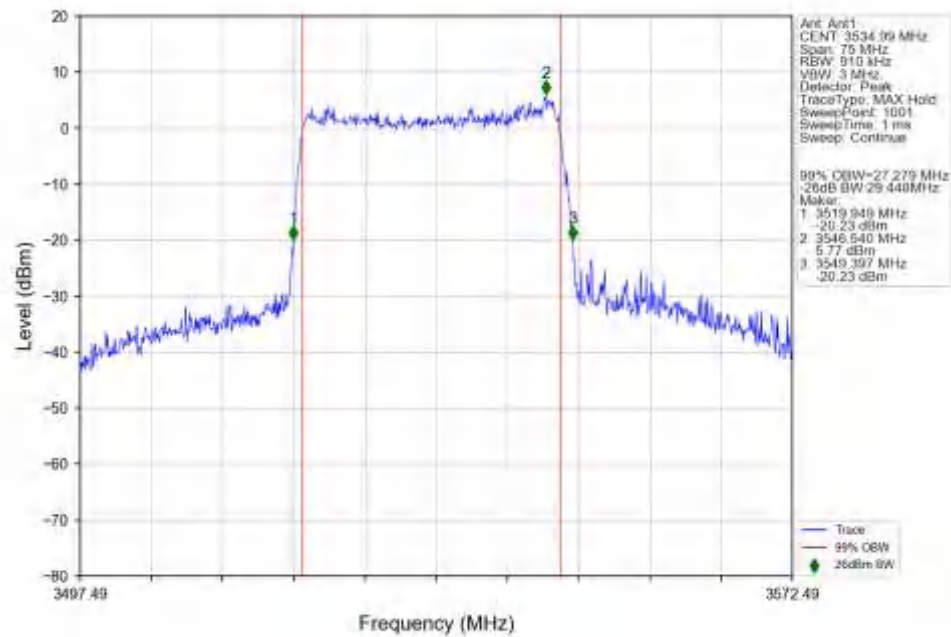
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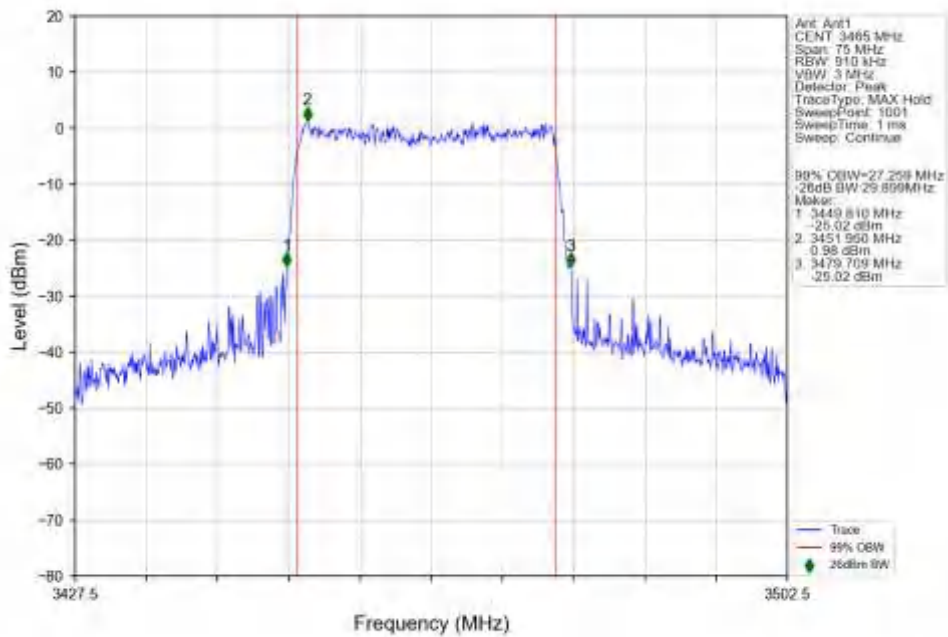
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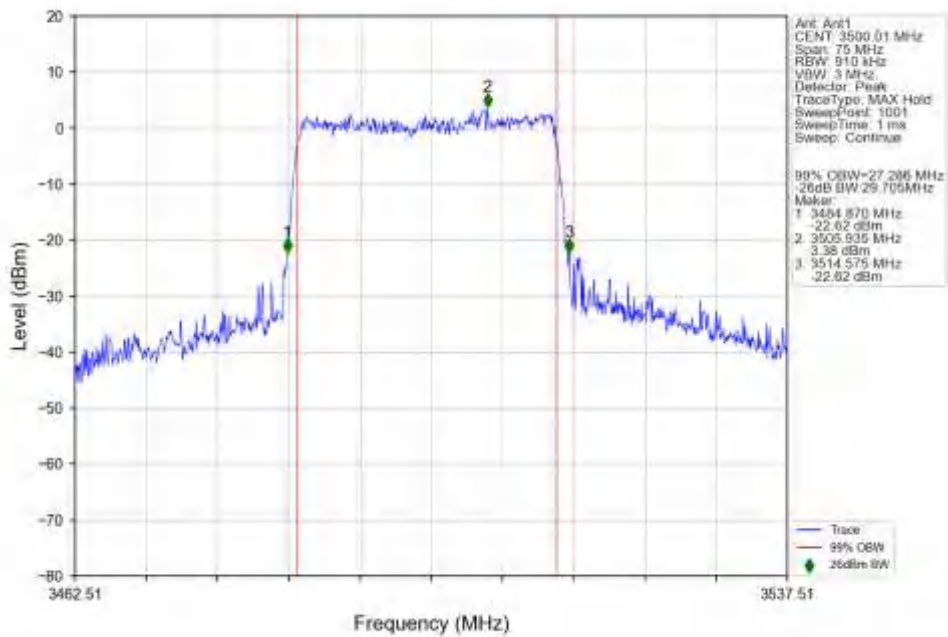
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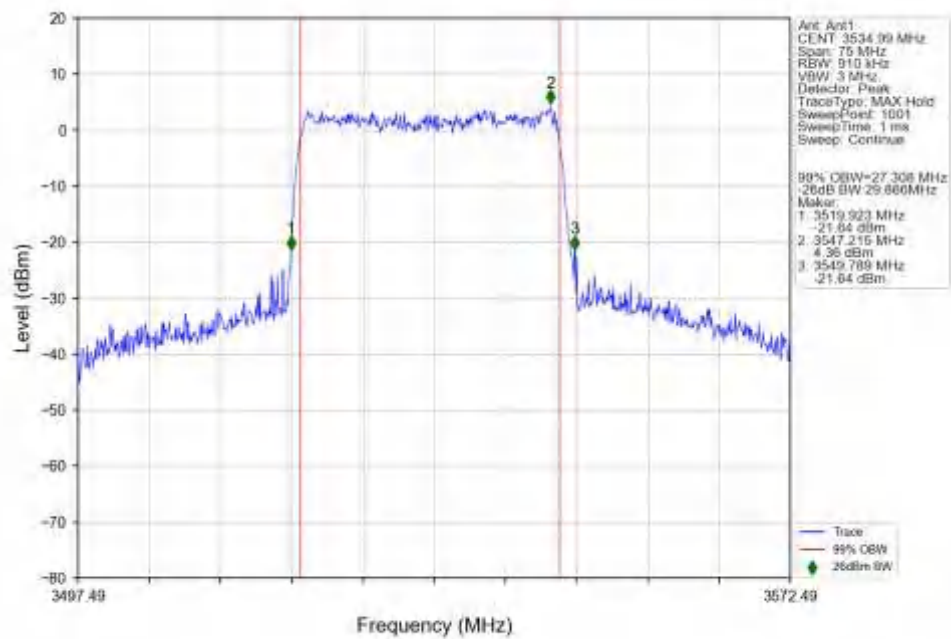
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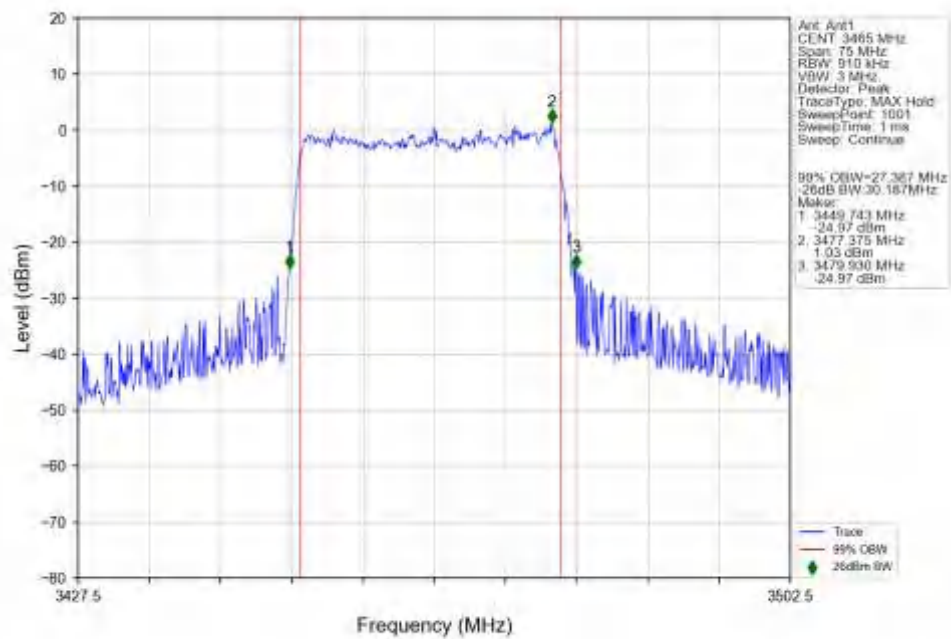
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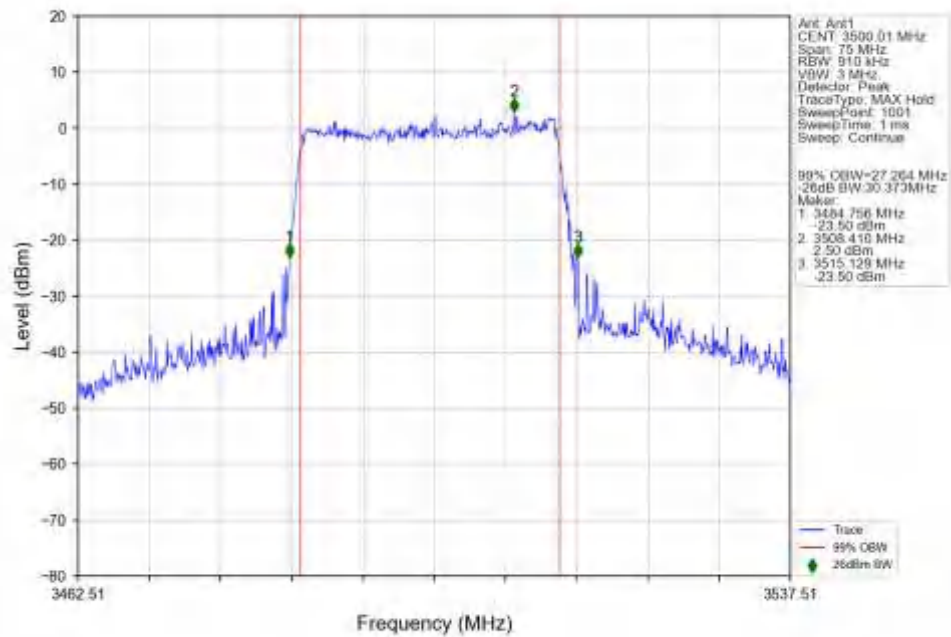
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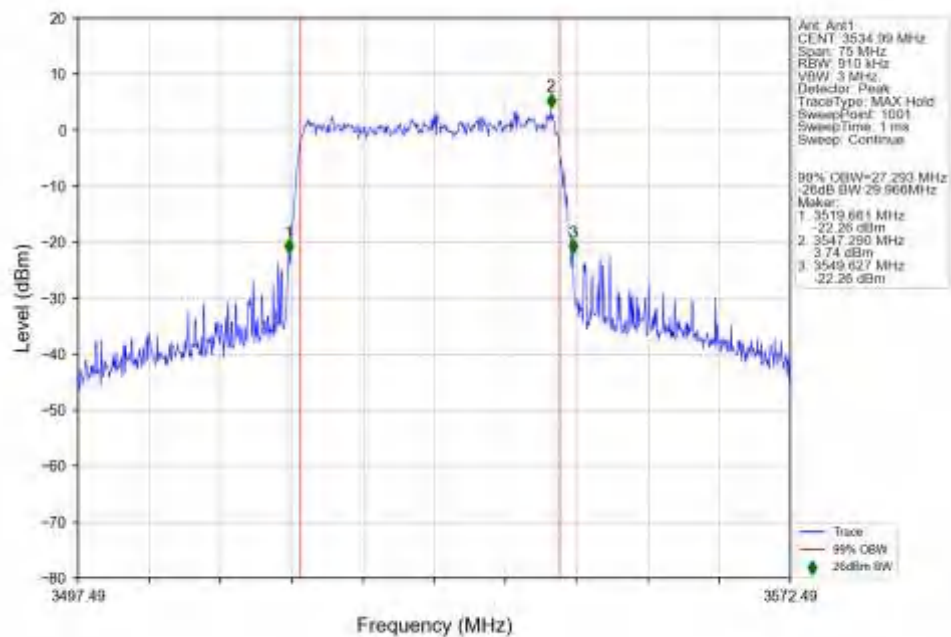
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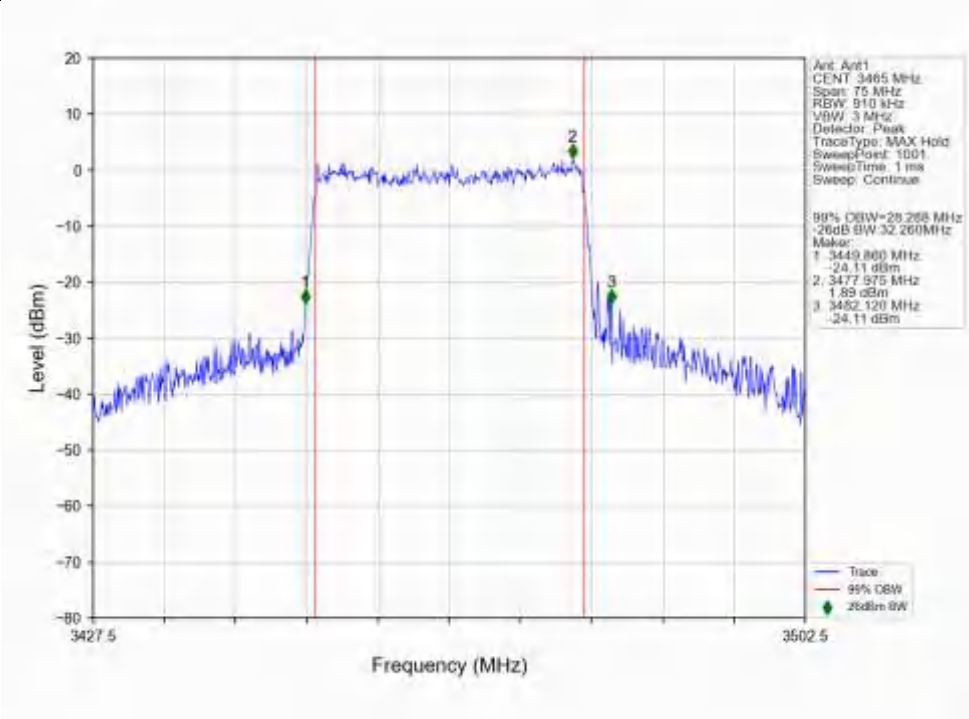
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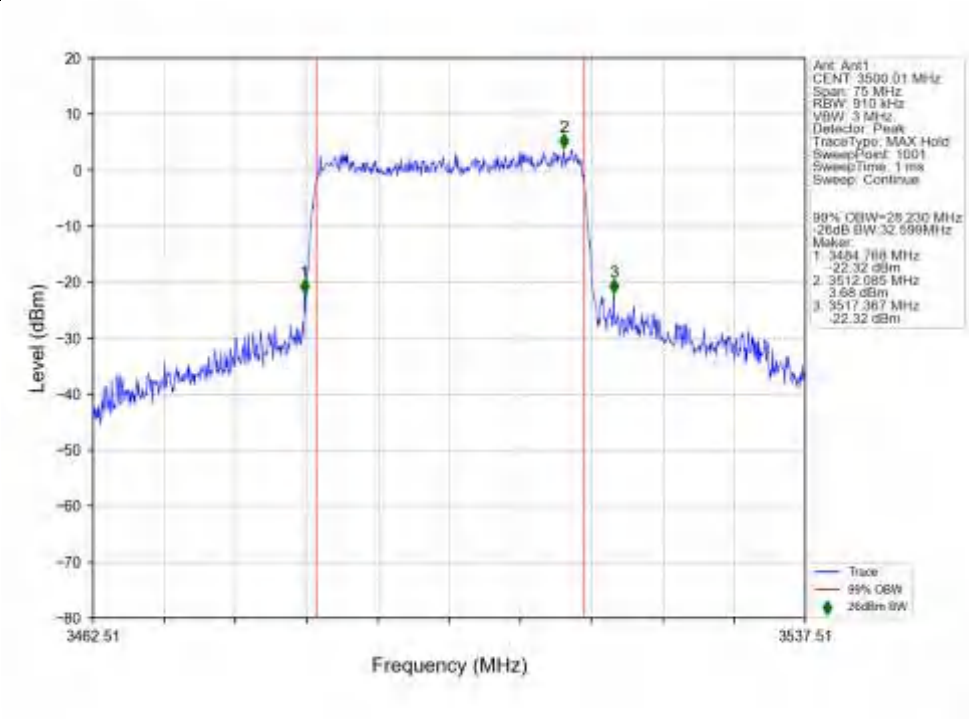
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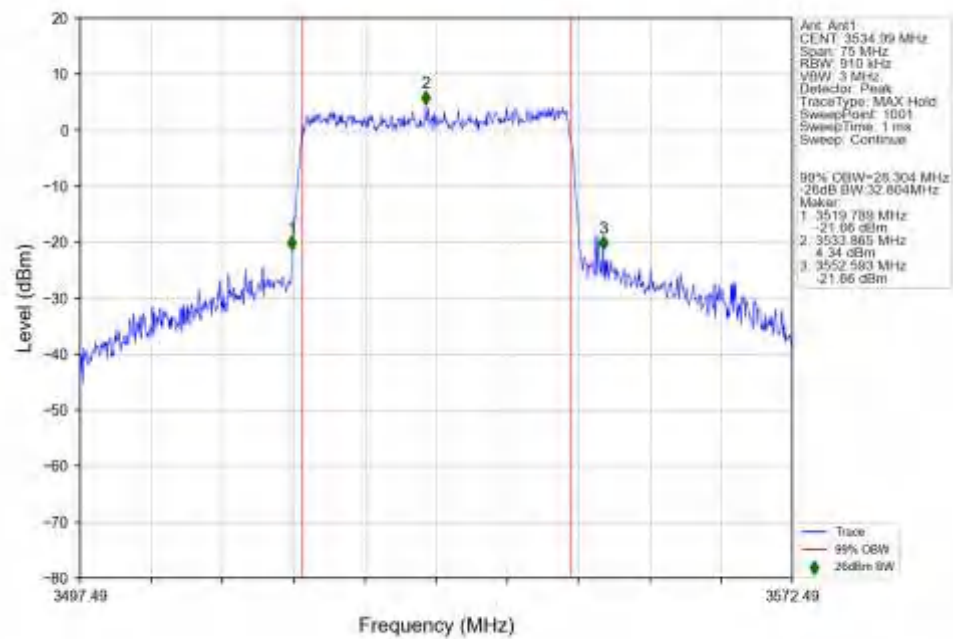
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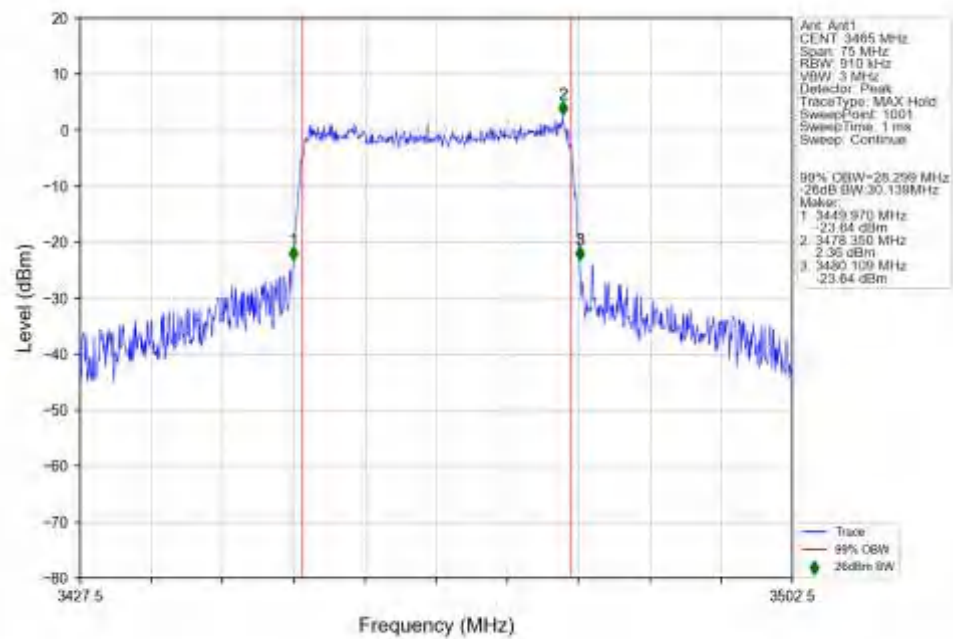
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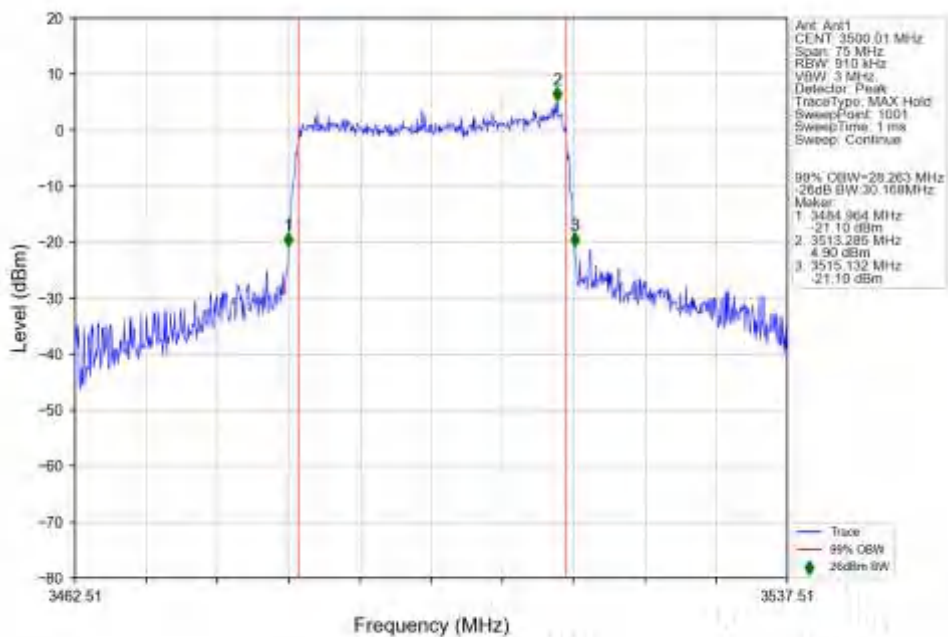
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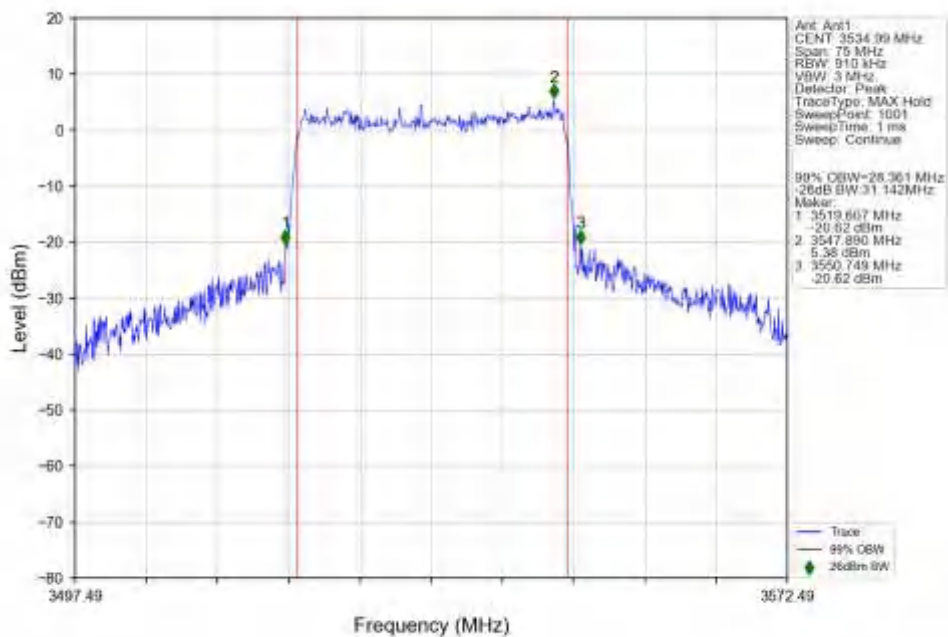
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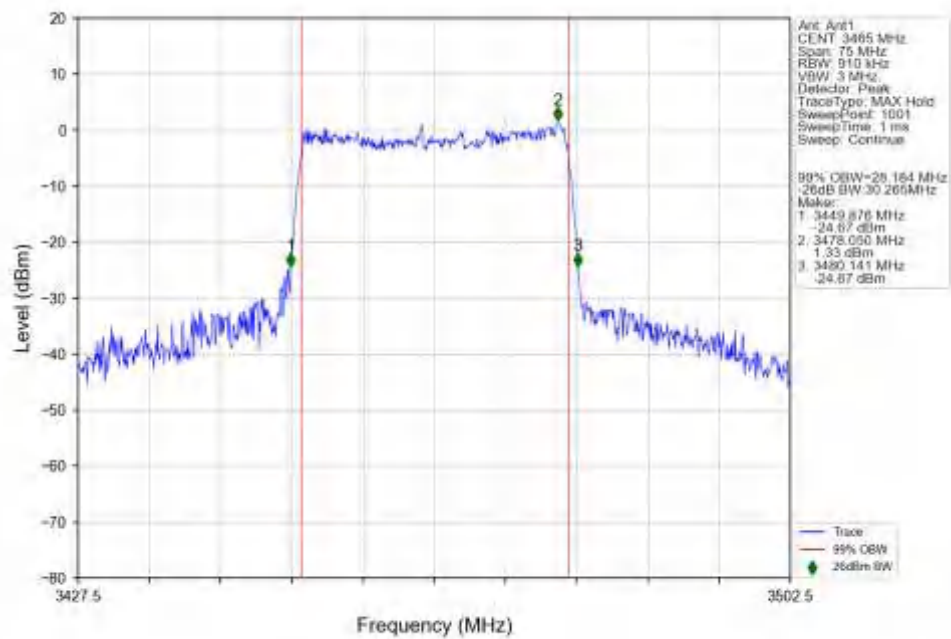
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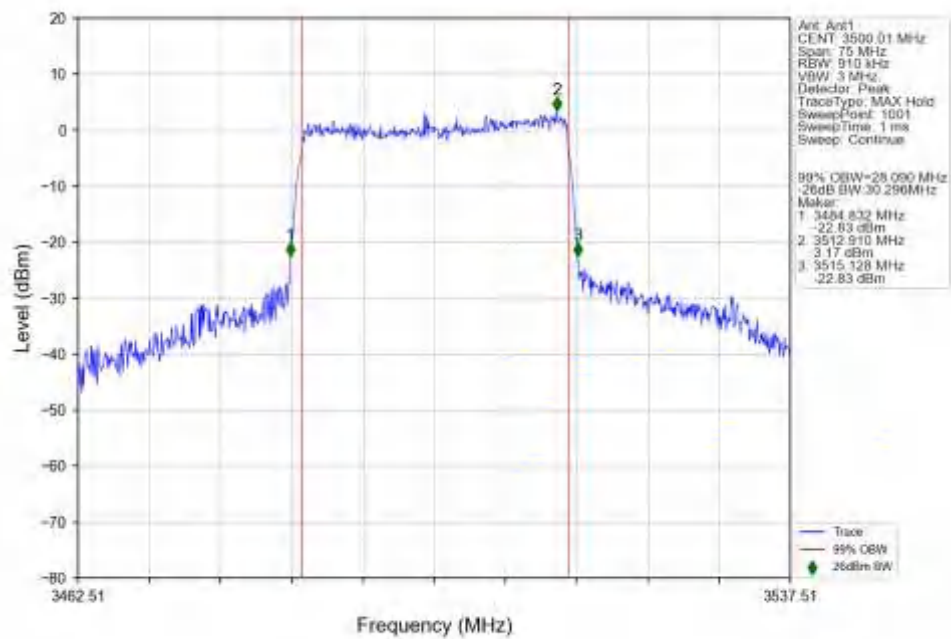
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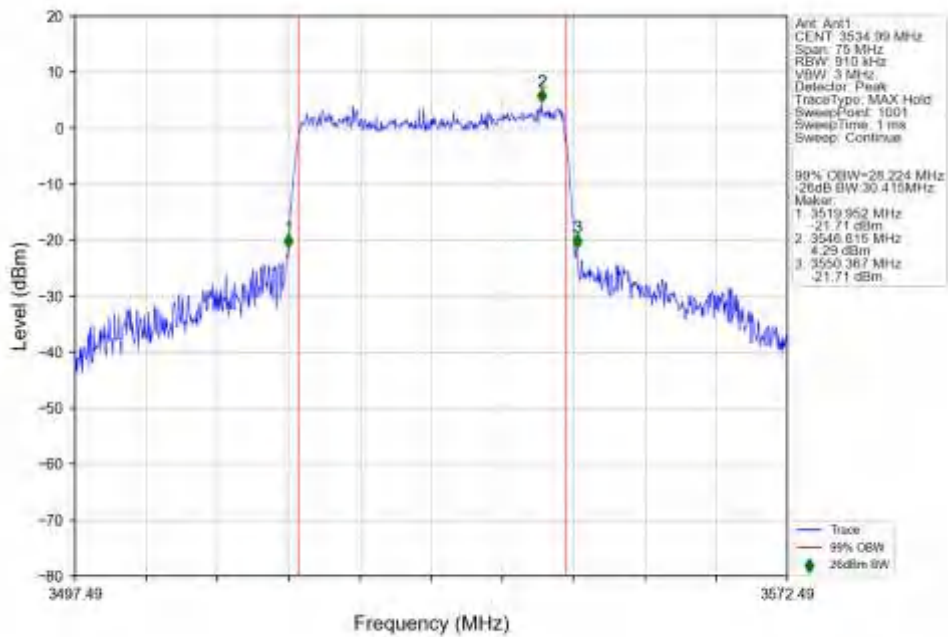
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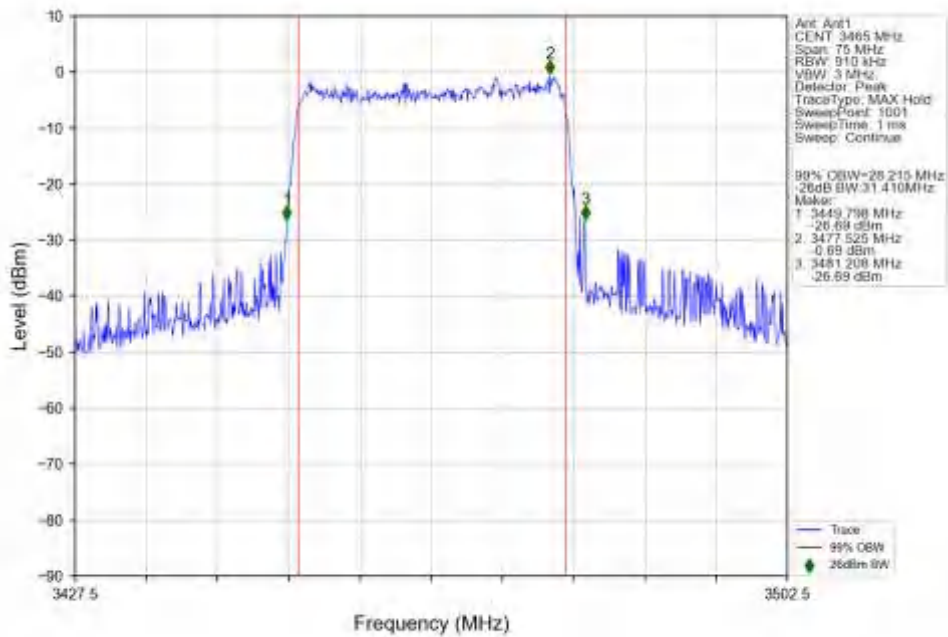
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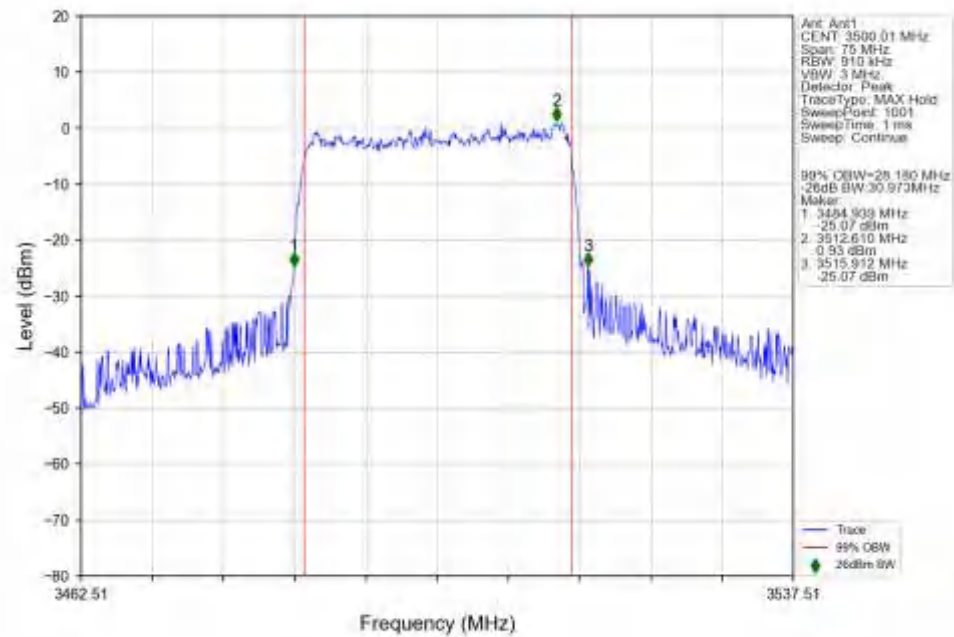
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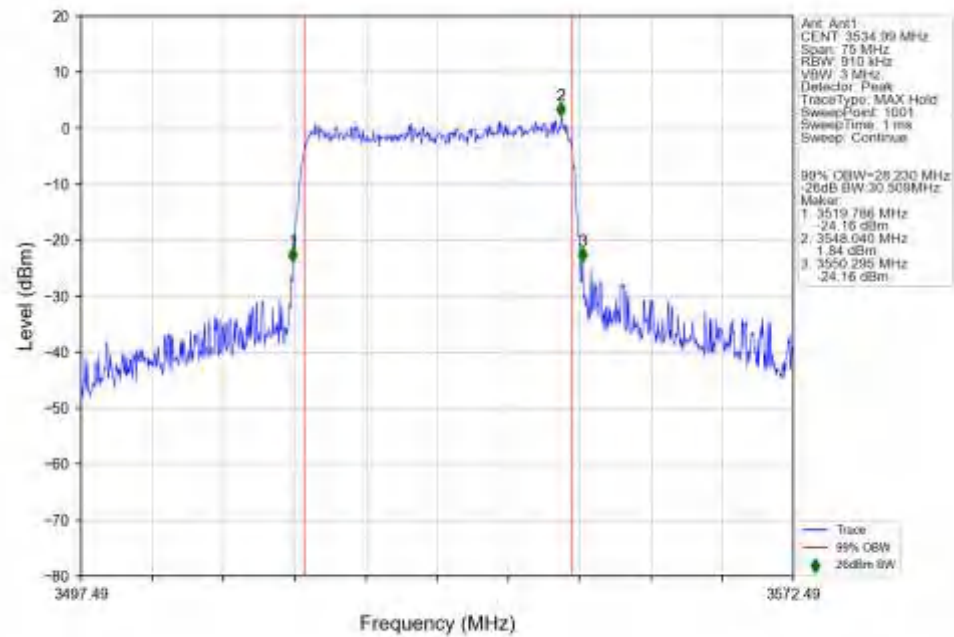
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n77d 30kHz SISO NTN 30MHz CP-OFDM 256 QAM 3500.01MHz Outer Full Ant1

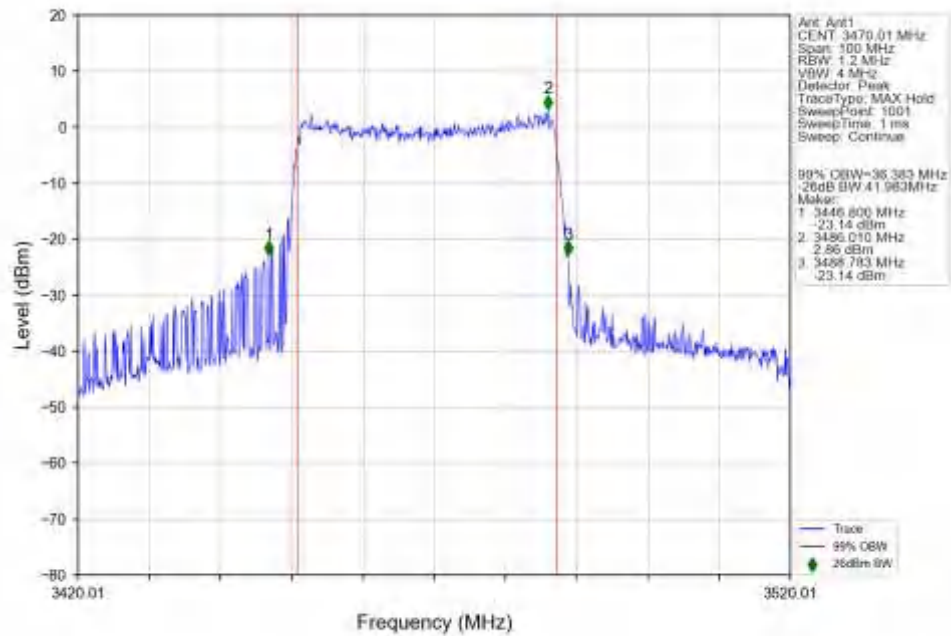


n77d 30kHz SISO NTN 30MHz CP-OFDM 256 QAM 3534.99MHz Outer Full Ant1

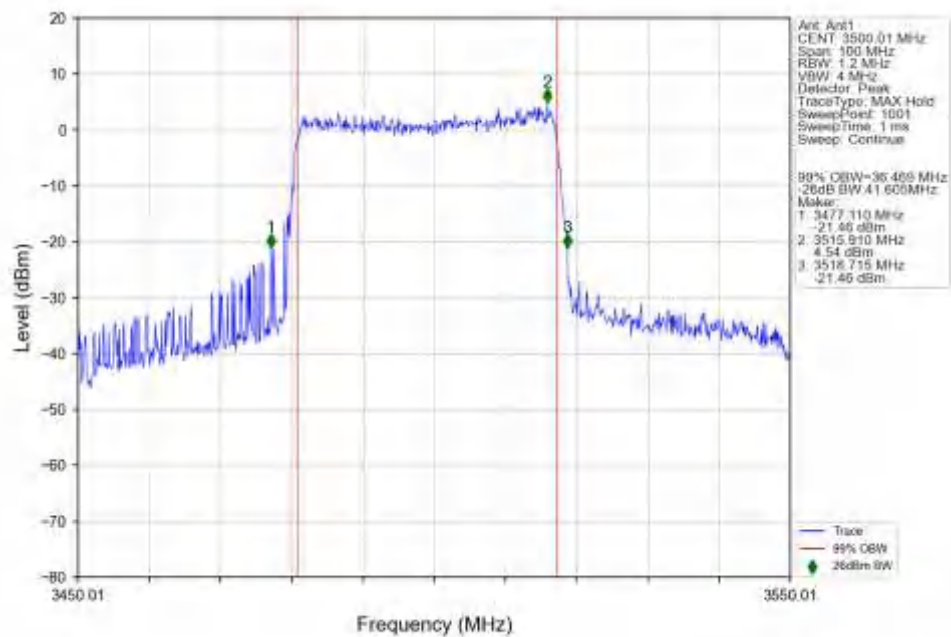


4.2.13 30k_SISO_40MHz_NTNV

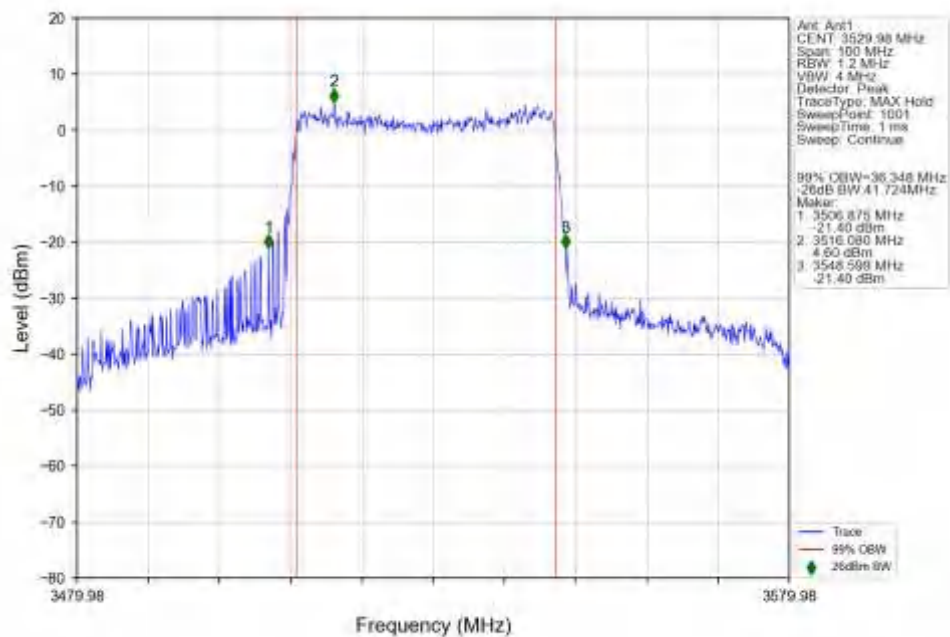
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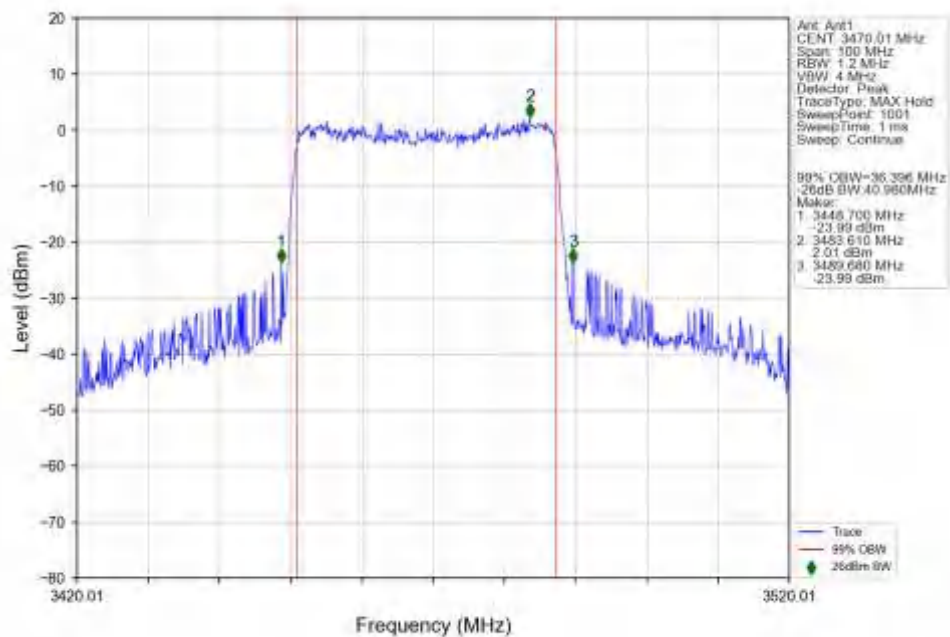
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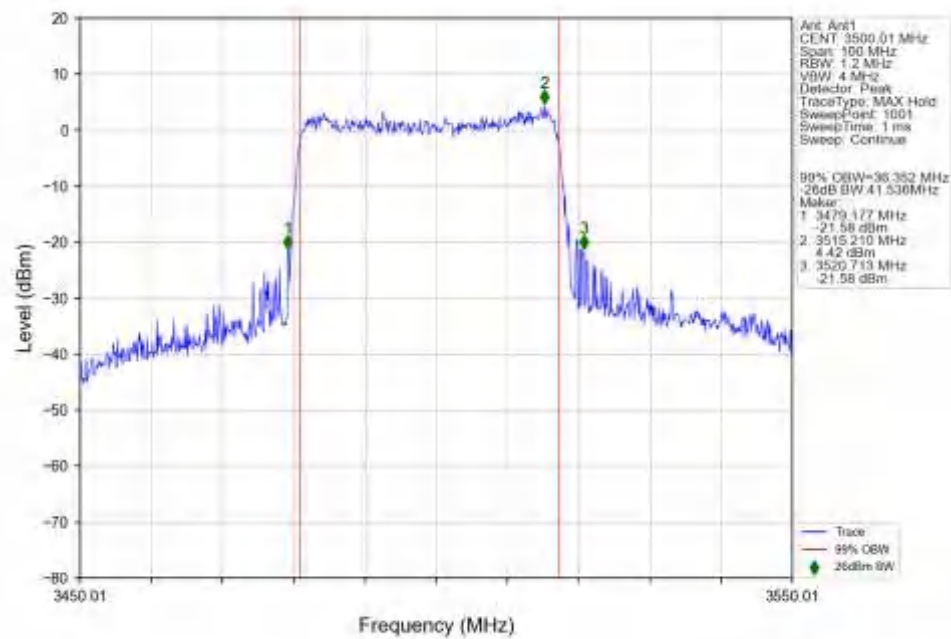
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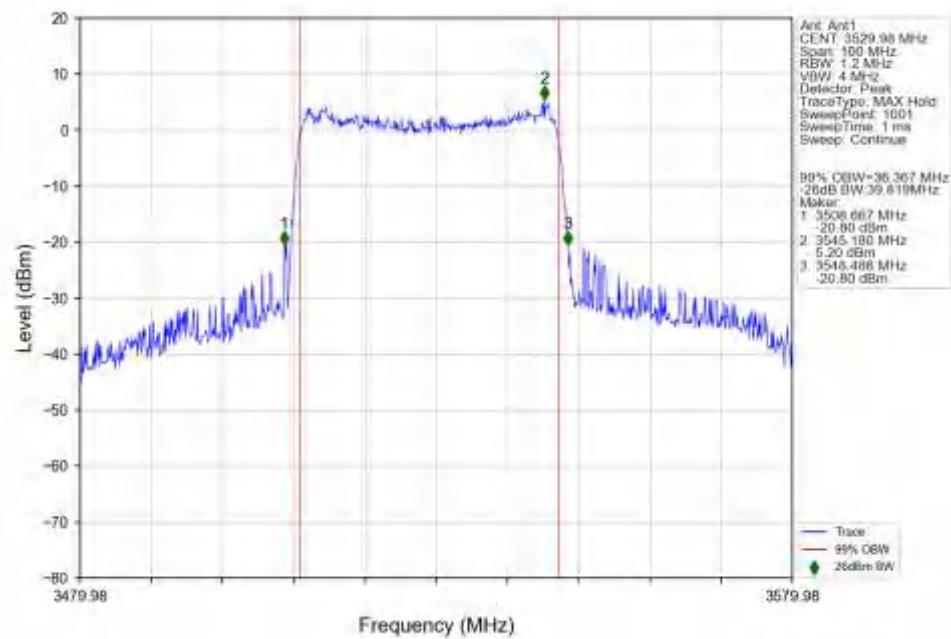
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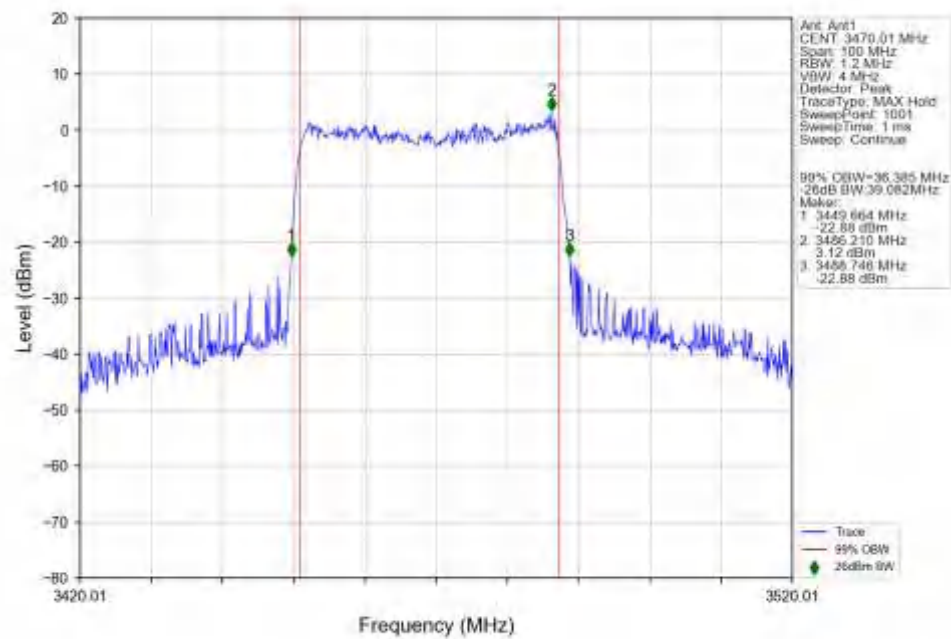
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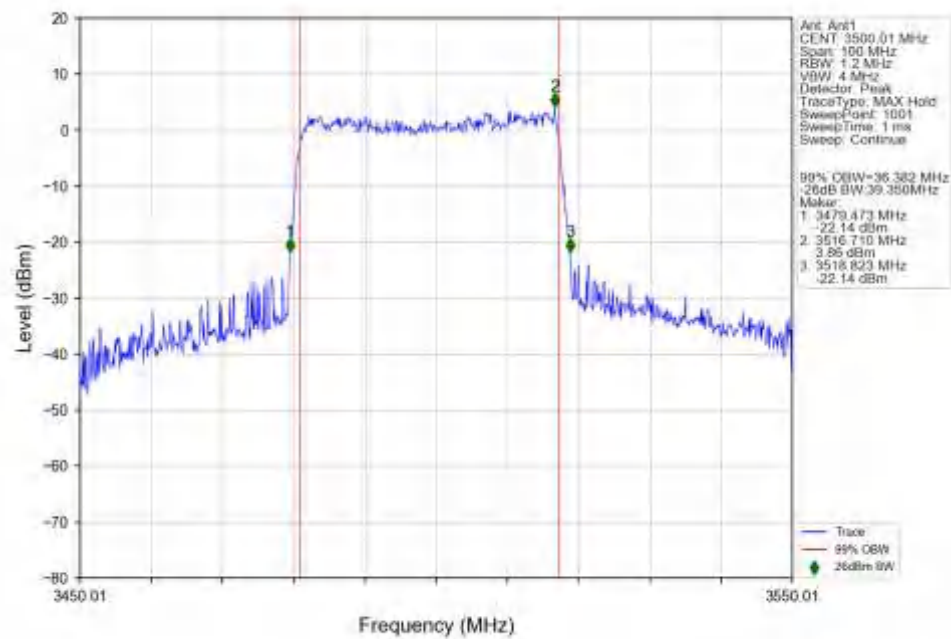
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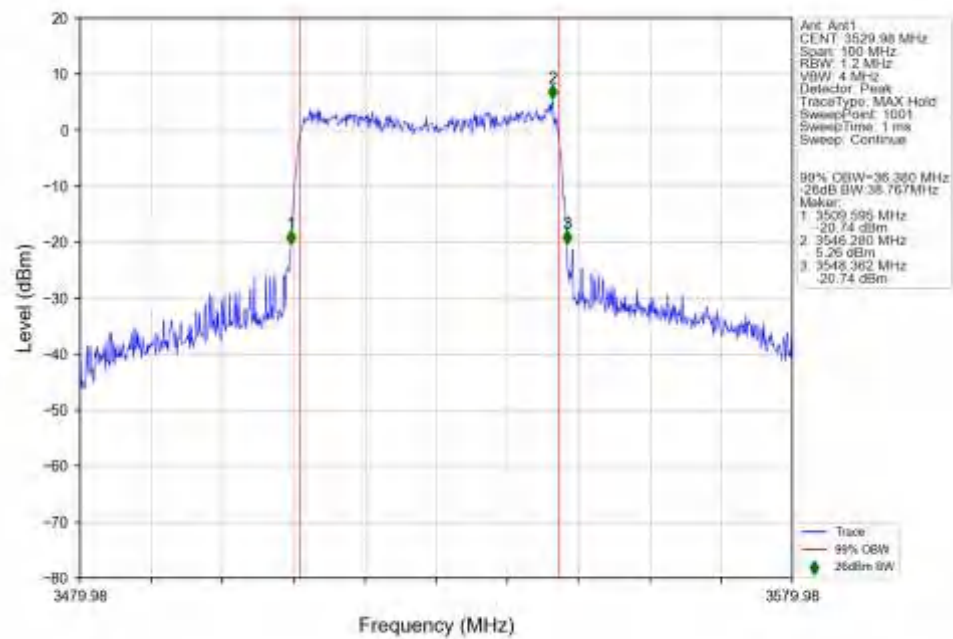
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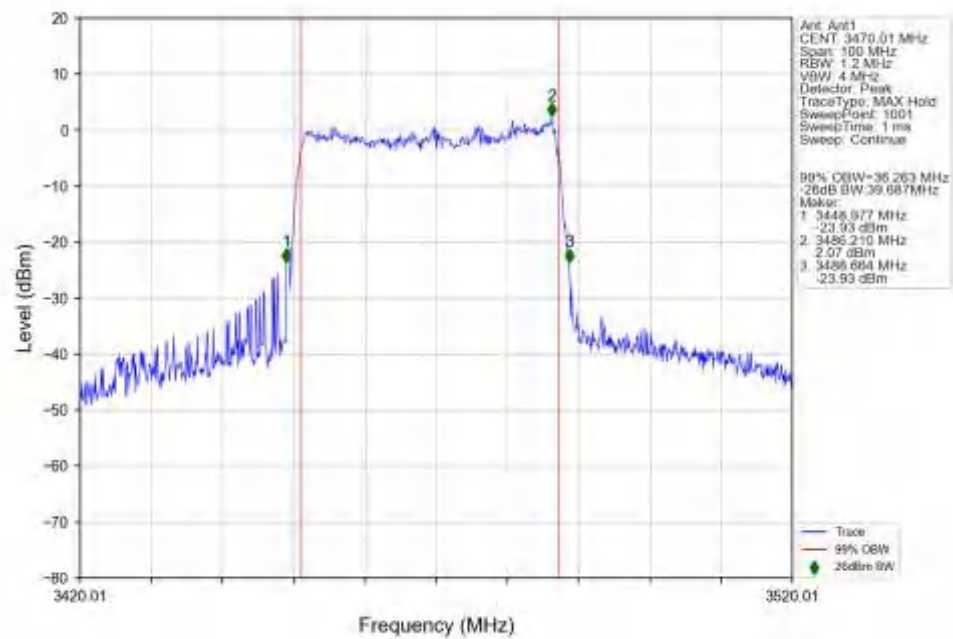
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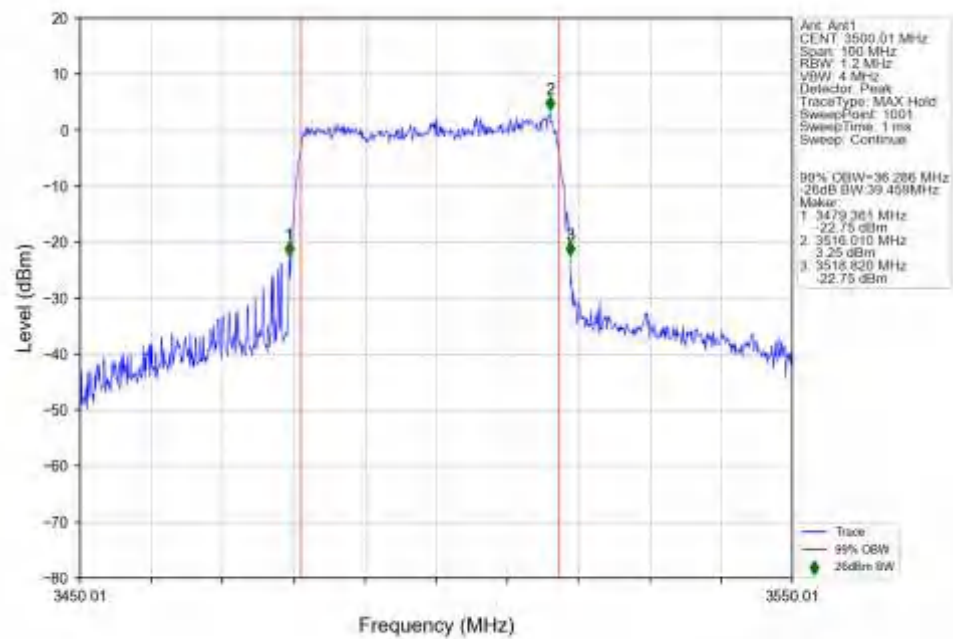
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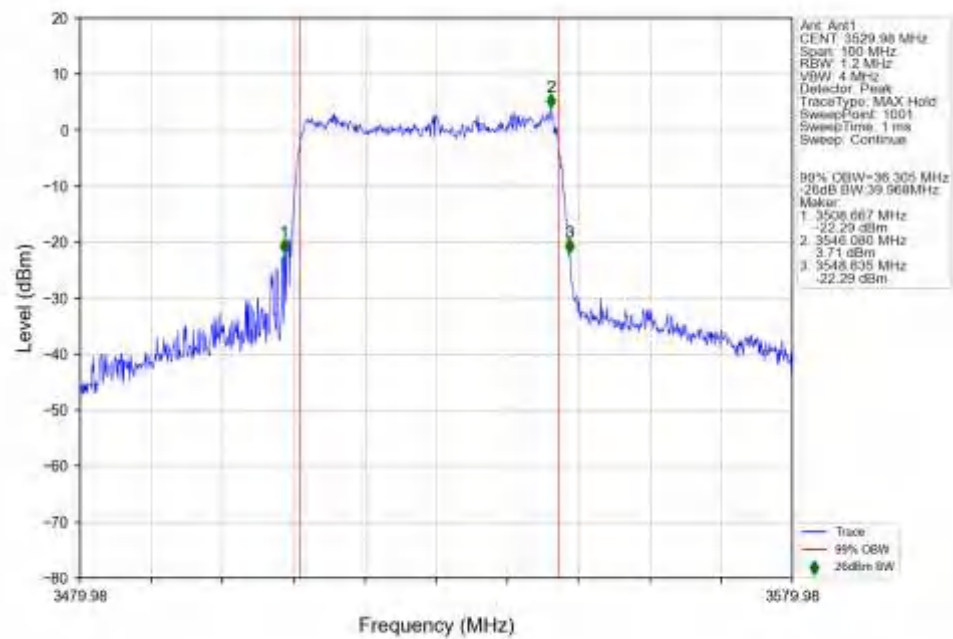
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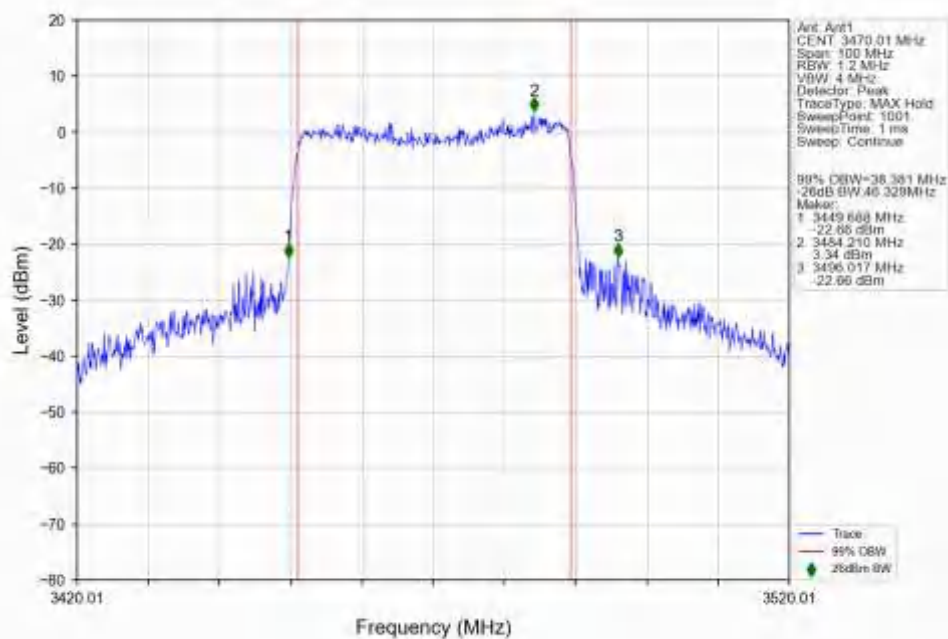
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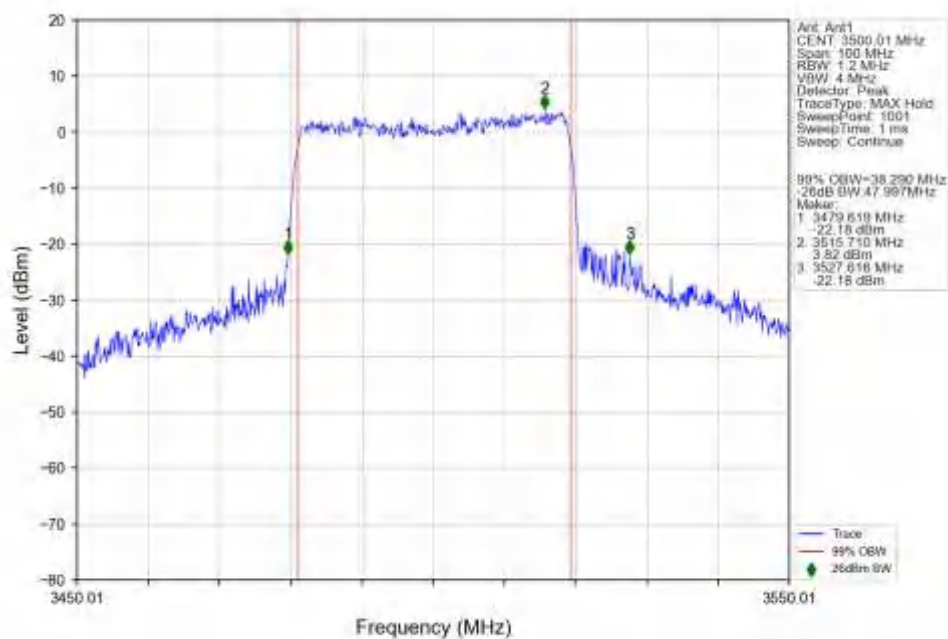
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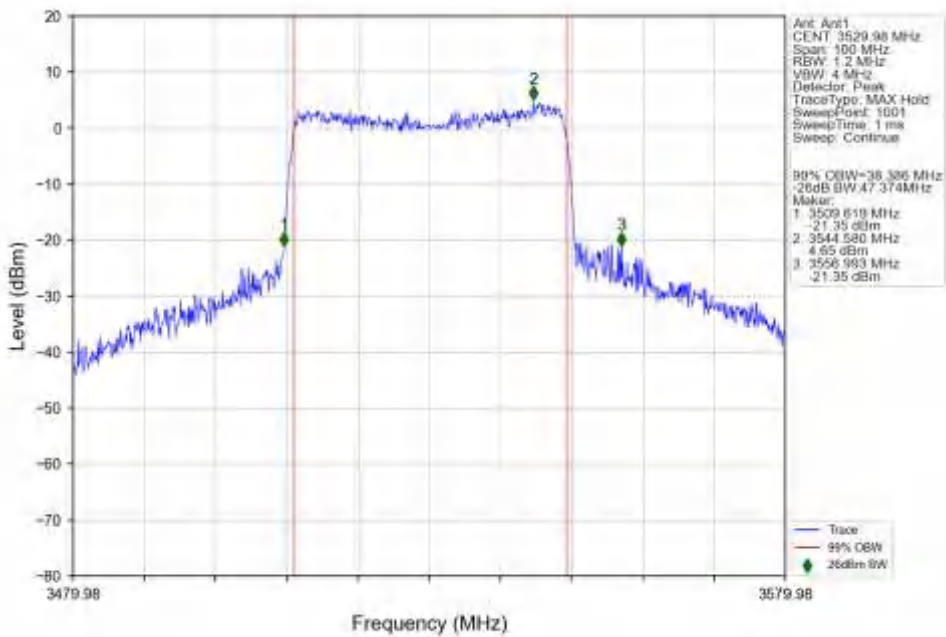
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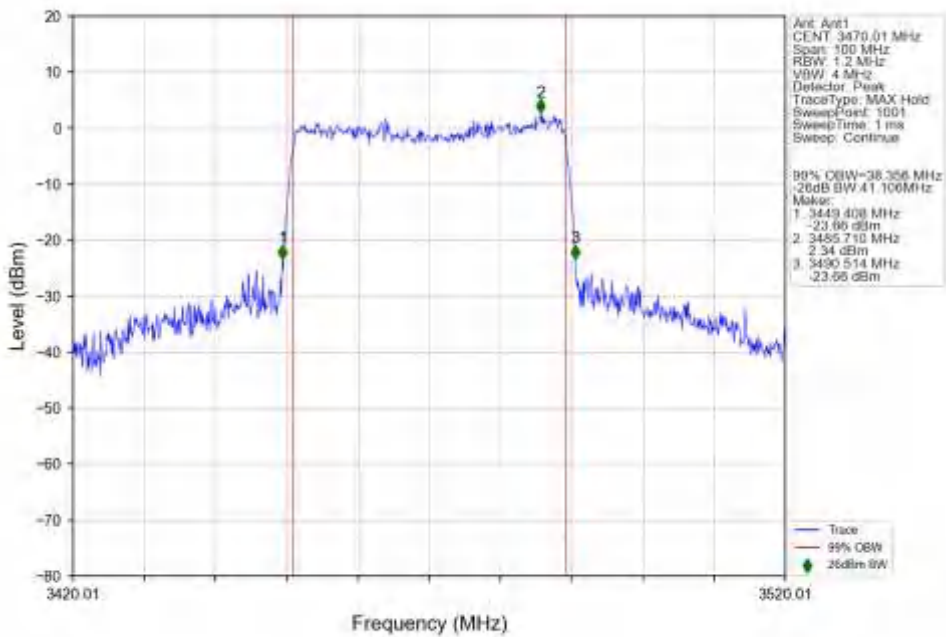
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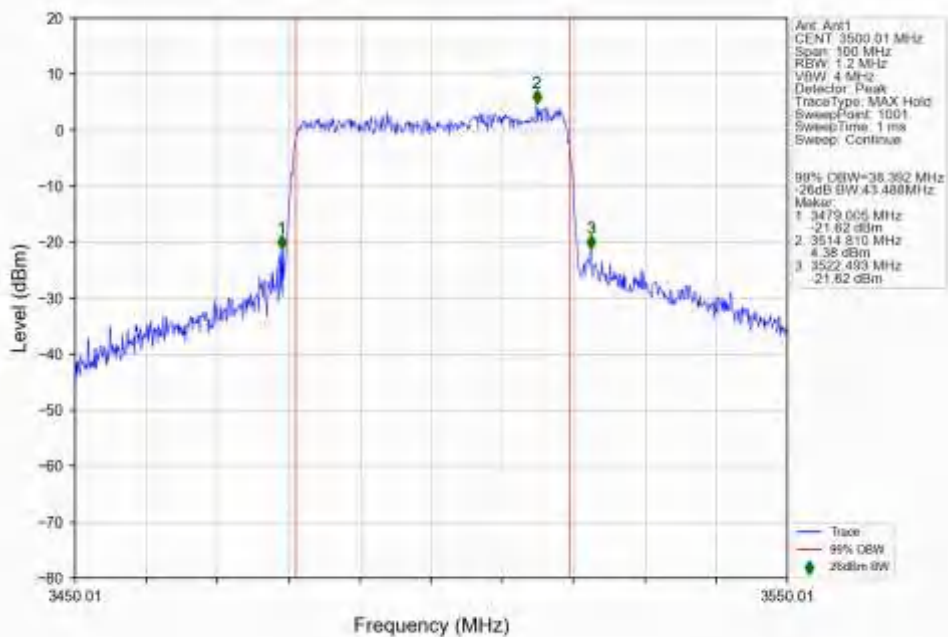
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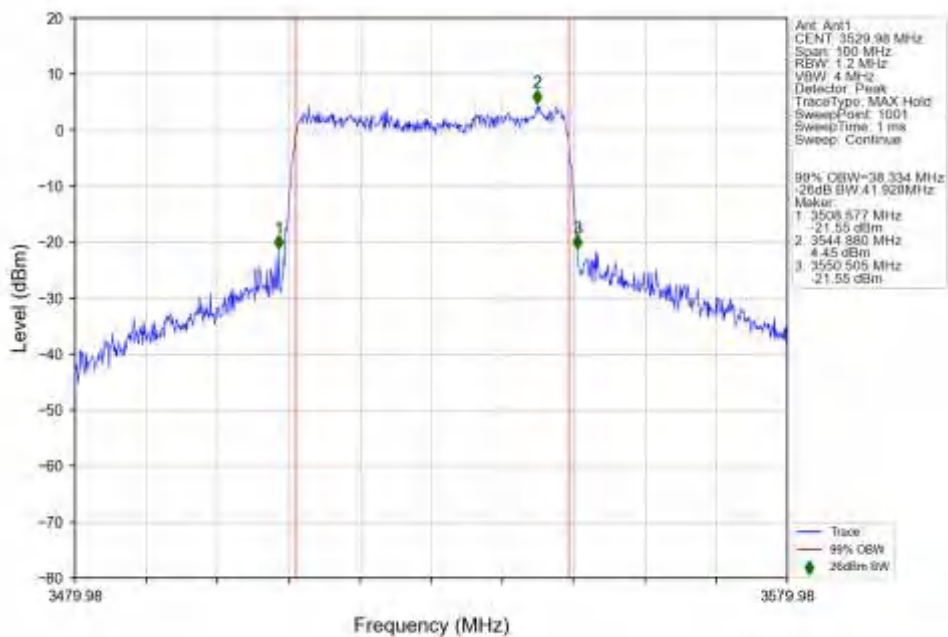
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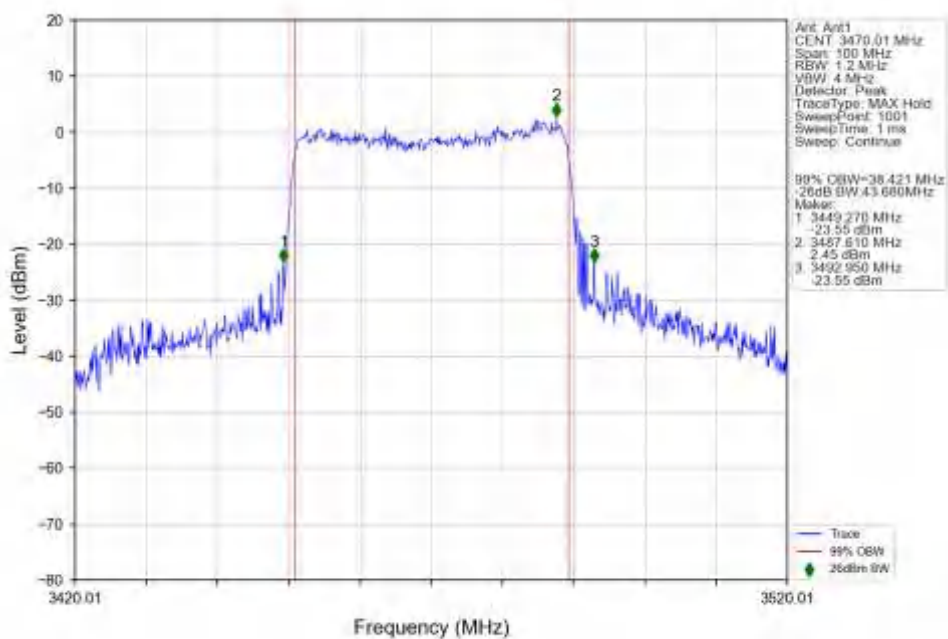
n77d 30kHz SISO NTN 40MHz CP-OFDM 16 QAM 3500.01MHz Outer Full Ant1



n77d 30kHz SISO NTN 40MHz CP-OFDM 16 QAM 3529.98MHz Outer Full Ant1



n77d_30kHz_SISO_NTNV_40MHz_CP-OFDM_64_QAM_3470.01MHz_Outer_Full_Ant1



n77d_30kHz_SISO_NTNV_40MHz_CP-OFDM_64_QAM_3500.01MHz_Outer_Full_Ant1

