

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_10MHz_NTNV_EIRP

5G NR n78a 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	3705	Edge 1RB Left	21.70	/	/	20.02	/	/	<=30	Pass
		Edge 1RB Right	21.00	/	/	19.32	/	/	<=30	Pass
		Outer Full	21.13	/	/	19.45	/	/	<=30	Pass
		Inner Full	22.34	/	/	20.66	/	/	<=30	Pass
		Inner 1RB Left	21.02	/	/	19.34	/	/	<=30	Pass
		Inner 1RB Right	22.60	/	/	20.92	/	/	<=30	Pass
	3750	Edge 1RB Left	21.55	/	/	19.87	/	/	<=30	Pass
		Edge 1RB Right	21.16	/	/	19.48	/	/	<=30	Pass
		Outer Full	21.96	/	/	20.28	/	/	<=30	Pass
		Inner Full	22.73	/	/	21.05	/	/	<=30	Pass
		Inner 1RB Left	22.60	/	/	20.92	/	/	<=30	Pass
		Inner 1RB Right	22.96	/	/	21.28	/	/	<=30	Pass
	3795	Edge 1RB Left	21.64	/	/	19.96	/	/	<=30	Pass
		Edge 1RB Right	21.24	/	/	19.56	/	/	<=30	Pass
		Outer Full	22.02	/	/	20.34	/	/	<=30	Pass
		Inner Full	22.70	/	/	21.02	/	/	<=30	Pass
		Inner 1RB Left	22.75	/	/	21.07	/	/	<=30	Pass
		Inner 1RB Right	23.01	/	/	21.33	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3705	Edge 1RB Left	20.92	/	/	19.24	/	/	<=30	Pass
		Edge 1RB Right	20.67	/	/	18.99	/	/	<=30	Pass
		Outer Full	20.55	/	/	18.87	/	/	<=30	Pass
		Inner Full	21.79	/	/	20.11	/	/	<=30	Pass
		Inner 1RB Left	21.33	/	/	19.65	/	/	<=30	Pass
		Inner 1RB Right	21.67	/	/	19.99	/	/	<=30	Pass
	3750	Edge 1RB Left	21.58	/	/	19.90	/	/	<=30	Pass
		Edge 1RB Right	20.99	/	/	19.31	/	/	<=30	Pass
		Outer Full	20.96	/	/	19.28	/	/	<=30	Pass
		Inner Full	21.77	/	/	20.09	/	/	<=30	Pass
		Inner 1RB Left	21.61	/	/	19.93	/	/	<=30	Pass
		Inner 1RB Right	21.87	/	/	20.19	/	/	<=30	Pass
	3795	Edge 1RB Left	21.74	/	/	20.06	/	/	<=30	Pass
		Edge 1RB Right	21.34	/	/	19.66	/	/	<=30	Pass
		Outer Full	20.88	/	/	19.20	/	/	<=30	Pass
		Inner Full	21.87	/	/	20.19	/	/	<=30	Pass
		Inner 1RB Left	21.56	/	/	19.88	/	/	<=30	Pass
		Inner 1RB Right	22.05	/	/	20.37	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3705	Edge 1RB Left	20.92	/	/	19.24	/	/	<=30	Pass
		Edge 1RB Right	20.60	/	/	18.92	/	/	<=30	Pass
		Outer Full	20.26	/	/	18.58	/	/	<=30	Pass
		Inner Full	20.70	/	/	19.02	/	/	<=30	Pass
		Inner 1RB Left	20.18	/	/	18.50	/	/	<=30	Pass
		Inner 1RB Right	21.00	/	/	19.32	/	/	<=30	Pass
	3750	Edge 1RB Left	21.22	/	/	19.54	/	/	<=30	Pass
		Edge 1RB Right	20.99	/	/	19.31	/	/	<=30	Pass
		Outer Full	20.32	/	/	18.64	/	/	<=30	Pass
		Inner Full	20.83	/	/	19.15	/	/	<=30	Pass
		Inner 1RB Left	20.63	/	/	18.95	/	/	<=30	Pass
		Inner 1RB Right	21.02	/	/	19.34	/	/	<=30	Pass

	3795	Edge_1RB_Left	21.31	/	/	19.63	/	/	<=30	Pass
		Edge_1RB_Right	20.89	/	/	19.21	/	/	<=30	Pass
		Outer_Full	20.39	/	/	18.71	/	/	<=30	Pass
		Inner_Full	20.73	/	/	19.05	/	/	<=30	Pass
		Inner_1RB_Left	20.56	/	/	18.88	/	/	<=30	Pass
		Inner_1RB_Right	20.85	/	/	19.17	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3705	Edge_1RB_Left	19.59	/	/	17.91	/	/	<=30	Pass
		Edge_1RB_Right	19.31	/	/	17.63	/	/	<=30	Pass
		Outer_Full	18.46	/	/	16.78	/	/	<=30	Pass
		Inner_Full	18.82	/	/	17.14	/	/	<=30	Pass
		Inner_1RB_Left	18.83	/	/	17.15	/	/	<=30	Pass
		Inner_1RB_Right	19.19	/	/	17.51	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.73	/	/	18.05	/	/	<=30	Pass
		Edge_1RB_Right	19.37	/	/	17.69	/	/	<=30	Pass
		Outer_Full	18.64	/	/	16.96	/	/	<=30	Pass
		Inner_Full	19.05	/	/	17.37	/	/	<=30	Pass
		Inner_1RB_Left	18.93	/	/	17.25	/	/	<=30	Pass
		Inner_1RB_Right	19.32	/	/	17.64	/	/	<=30	Pass
	3795	Edge_1RB_Left	19.94	/	/	18.26	/	/	<=30	Pass
		Edge_1RB_Right	19.47	/	/	17.79	/	/	<=30	Pass
		Outer_Full	18.64	/	/	16.96	/	/	<=30	Pass
		Inner_Full	19.13	/	/	17.45	/	/	<=30	Pass
		Inner_1RB_Left	19.12	/	/	17.44	/	/	<=30	Pass
		Inner_1RB_Right	19.52	/	/	17.84	/	/	<=30	Pass
CP-OFDM QPSK	3705	Edge_1RB_Left	21.14	/	/	19.46	/	/	<=30	Pass
		Edge_1RB_Right	20.91	/	/	19.23	/	/	<=30	Pass
		Outer_Full	19.79	/	/	18.11	/	/	<=30	Pass
		Inner_Full	21.03	/	/	19.35	/	/	<=30	Pass
		Inner_1RB_Left	20.73	/	/	19.05	/	/	<=30	Pass
		Inner_1RB_Right	21.17	/	/	19.49	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.36	/	/	19.68	/	/	<=30	Pass
		Edge_1RB_Right	21.13	/	/	19.45	/	/	<=30	Pass
		Outer_Full	20.01	/	/	18.33	/	/	<=30	Pass
		Inner_Full	21.15	/	/	19.47	/	/	<=30	Pass
		Inner_1RB_Left	21.19	/	/	19.51	/	/	<=30	Pass
		Inner_1RB_Right	21.62	/	/	19.94	/	/	<=30	Pass
	3795	Edge_1RB_Left	21.45	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	21.11	/	/	19.43	/	/	<=30	Pass
		Outer_Full	20.06	/	/	18.38	/	/	<=30	Pass
		Inner_Full	21.12	/	/	19.44	/	/	<=30	Pass
		Inner_1RB_Left	21.14	/	/	19.46	/	/	<=30	Pass
		Inner_1RB_Right	21.49	/	/	19.81	/	/	<=30	Pass
CP-OFDM 16 QAM	3705	Edge_1RB_Left	21.19	/	/	19.51	/	/	<=30	Pass
		Edge_1RB_Right	21.01	/	/	19.33	/	/	<=30	Pass
		Outer_Full	19.75	/	/	18.07	/	/	<=30	Pass
		Inner_Full	20.45	/	/	18.77	/	/	<=30	Pass
		Inner_1RB_Left	20.55	/	/	18.87	/	/	<=30	Pass
		Inner_1RB_Right	21.00	/	/	19.32	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.57	/	/	19.89	/	/	<=30	Pass
		Edge_1RB_Right	20.88	/	/	19.20	/	/	<=30	Pass
		Outer_Full	20.04	/	/	18.36	/	/	<=30	Pass
		Inner_Full	20.86	/	/	19.18	/	/	<=30	Pass
		Inner_1RB_Left	20.38	/	/	18.70	/	/	<=30	Pass
		Inner_1RB_Right	20.91	/	/	19.23	/	/	<=30	Pass
	3795	Edge_1RB_Left	21.47	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	21.18	/	/	19.50	/	/	<=30	Pass
		Outer_Full	19.93	/	/	18.25	/	/	<=30	Pass
		Inner_Full	17.62	/	/	15.94	/	/	<=30	Pass
		Inner_1RB_Left	20.81	/	/	19.13	/	/	<=30	Pass

		Inner 1RB Right	21.18	/	/	19.50	/	/	<=30	Pass
CP-OFDM 64 QAM	3705	Edge 1RB Left	20.46	/	/	18.78	/	/	<=30	Pass
		Edge 1RB Right	20.27	/	/	18.59	/	/	<=30	Pass
		Outer Full	19.22	/	/	17.54	/	/	<=30	Pass
		Inner Full	20.10	/	/	18.42	/	/	<=30	Pass
		Inner 1RB Left	19.79	/	/	18.11	/	/	<=30	Pass
		Inner 1RB Right	20.54	/	/	18.86	/	/	<=30	Pass
	3750	Edge 1RB Left	21.11	/	/	19.43	/	/	<=30	Pass
		Edge 1RB Right	20.87	/	/	19.19	/	/	<=30	Pass
		Outer Full	19.59	/	/	17.91	/	/	<=30	Pass
		Inner Full	20.32	/	/	18.64	/	/	<=30	Pass
		Inner 1RB Left	20.37	/	/	18.69	/	/	<=30	Pass
		Inner 1RB Right	20.87	/	/	19.19	/	/	<=30	Pass
	3795	Edge 1RB Left	20.80	/	/	19.12	/	/	<=30	Pass
		Edge 1RB Right	20.47	/	/	18.79	/	/	<=30	Pass
		Outer Full	19.44	/	/	17.76	/	/	<=30	Pass
		Inner Full	20.26	/	/	18.58	/	/	<=30	Pass
		Inner 1RB Left	20.08	/	/	18.40	/	/	<=30	Pass
		Inner 1RB Right	20.48	/	/	18.80	/	/	<=30	Pass
CP-OFDM 256 QAM	3705	Edge 1RB Left	17.64	/	/	15.96	/	/	<=30	Pass
		Edge 1RB Right	17.36	/	/	15.68	/	/	<=30	Pass
		Outer Full	16.68	/	/	15.00	/	/	<=30	Pass
		Inner Full	17.05	/	/	15.37	/	/	<=30	Pass
		Inner 1RB Left	16.90	/	/	15.22	/	/	<=30	Pass
		Inner 1RB Right	17.35	/	/	15.67	/	/	<=30	Pass
	3750	Edge 1RB Left	18.18	/	/	16.50	/	/	<=30	Pass
		Edge 1RB Right	17.98	/	/	16.30	/	/	<=30	Pass
		Outer Full	16.99	/	/	15.31	/	/	<=30	Pass
		Inner Full	17.40	/	/	15.72	/	/	<=30	Pass
		Inner 1RB Left	17.42	/	/	15.74	/	/	<=30	Pass
		Inner 1RB Right	17.93	/	/	16.25	/	/	<=30	Pass
	3795	Edge 1RB Left	17.87	/	/	16.19	/	/	<=30	Pass
		Edge 1RB Right	17.56	/	/	15.88	/	/	<=30	Pass
		Outer Full	16.73	/	/	15.05	/	/	<=30	Pass
		Inner Full	17.06	/	/	15.38	/	/	<=30	Pass
		Inner 1RB Left	17.26	/	/	15.58	/	/	<=30	Pass
		Inner 1RB Right	17.57	/	/	15.89	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 15k_SISO_15MHz_NTNV_EIRP

5G NR n78a 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	3707.505	Edge 1RB Left	21.81	/	/	20.13	/	/	<=30	Pass
		Edge 1RB Right	21.64	/	/	19.96	/	/	<=30	Pass
		Outer Full	22.08	/	/	20.40	/	/	<=30	Pass
		Inner Full	22.63	/	/	20.95	/	/	<=30	Pass
		Inner 1RB Left	23.13	/	/	21.45	/	/	<=30	Pass
		Inner 1RB Right	23.16	/	/	21.48	/	/	<=30	Pass
	3750	Edge 1RB Left	21.98	/	/	20.30	/	/	<=30	Pass
		Edge 1RB Right	21.88	/	/	20.20	/	/	<=30	Pass
		Outer Full	22.26	/	/	20.58	/	/	<=30	Pass
		Inner Full	22.81	/	/	21.13	/	/	<=30	Pass
		Inner 1RB Left	23.39	/	/	21.71	/	/	<=30	Pass
		Inner 1RB Right	23.47	/	/	21.79	/	/	<=30	Pass

	3792.495	Edge_1RB_Left	21.95	/	/	20.27	/	/	<=30	Pass
		Edge_1RB_Right	21.68	/	/	20.00	/	/	<=30	Pass
		Outer_Full	22.11	/	/	20.43	/	/	<=30	Pass
		Inner_Full	22.73	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Left	23.38	/	/	21.70	/	/	<=30	Pass
		Inner_1RB_Right	23.30	/	/	21.62	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3707.505	Edge_1RB_Left	21.78	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Right	21.61	/	/	19.93	/	/	<=30	Pass
		Outer_Full	21.02	/	/	19.34	/	/	<=30	Pass
		Inner_Full	21.89	/	/	20.21	/	/	<=30	Pass
		Inner_1RB_Left	22.24	/	/	20.56	/	/	<=30	Pass
		Inner_1RB_Right	22.28	/	/	20.60	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.02	/	/	20.34	/	/	<=30	Pass
		Edge_1RB_Right	22.01	/	/	20.33	/	/	<=30	Pass
		Outer_Full	21.18	/	/	19.50	/	/	<=30	Pass
		Inner_Full	21.82	/	/	20.14	/	/	<=30	Pass
		Inner_1RB_Left	22.56	/	/	20.88	/	/	<=30	Pass
		Inner_1RB_Right	22.62	/	/	20.94	/	/	<=30	Pass
	3792.495	Edge_1RB_Left	22.11	/	/	20.43	/	/	<=30	Pass
		Edge_1RB_Right	21.91	/	/	20.23	/	/	<=30	Pass
		Outer_Full	21.14	/	/	19.46	/	/	<=30	Pass
		Inner_Full	22.06	/	/	20.38	/	/	<=30	Pass
		Inner_1RB_Left	22.65	/	/	20.97	/	/	<=30	Pass
		Inner_1RB_Right	22.59	/	/	20.91	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3707.505	Edge_1RB_Left	21.19	/	/	19.51	/	/	<=30	Pass
		Edge_1RB_Right	21.05	/	/	19.37	/	/	<=30	Pass
		Outer_Full	20.55	/	/	18.87	/	/	<=30	Pass
		Inner_Full	20.82	/	/	19.14	/	/	<=30	Pass
		Inner_1RB_Left	20.98	/	/	19.30	/	/	<=30	Pass
		Inner_1RB_Right	21.11	/	/	19.43	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.25	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	21.16	/	/	19.48	/	/	<=30	Pass
		Outer_Full	20.56	/	/	18.88	/	/	<=30	Pass
		Inner_Full	20.73	/	/	19.05	/	/	<=30	Pass
		Inner_1RB_Left	21.03	/	/	19.35	/	/	<=30	Pass
		Inner_1RB_Right	21.11	/	/	19.43	/	/	<=30	Pass
	3792.495	Edge_1RB_Left	21.49	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	21.24	/	/	19.56	/	/	<=30	Pass
		Outer_Full	20.74	/	/	19.06	/	/	<=30	Pass
		Inner_Full	20.97	/	/	19.29	/	/	<=30	Pass
		Inner_1RB_Left	21.27	/	/	19.59	/	/	<=30	Pass
		Inner_1RB_Right	21.27	/	/	19.59	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3707.505	Edge_1RB_Left	19.99	/	/	18.31	/	/	<=30	Pass
		Edge_1RB_Right	19.77	/	/	18.09	/	/	<=30	Pass
		Outer_Full	18.69	/	/	17.01	/	/	<=30	Pass
		Inner_Full	18.98	/	/	17.30	/	/	<=30	Pass
		Inner_1RB_Left	19.77	/	/	18.09	/	/	<=30	Pass
		Inner_1RB_Right	19.74	/	/	18.06	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.07	/	/	18.39	/	/	<=30	Pass
		Edge_1RB_Right	19.93	/	/	18.25	/	/	<=30	Pass
		Outer_Full	18.81	/	/	17.13	/	/	<=30	Pass
		Inner_Full	19.07	/	/	17.39	/	/	<=30	Pass
		Inner_1RB_Left	19.81	/	/	18.13	/	/	<=30	Pass
		Inner_1RB_Right	19.89	/	/	18.21	/	/	<=30	Pass
	3792.495	Edge_1RB_Left	20.29	/	/	18.61	/	/	<=30	Pass
		Edge_1RB_Right	19.99	/	/	18.31	/	/	<=30	Pass
		Outer_Full	18.92	/	/	17.24	/	/	<=30	Pass
		Inner_Full	19.17	/	/	17.49	/	/	<=30	Pass
		Inner_1RB_Left	20.03	/	/	18.35	/	/	<=30	Pass

CP-OFDM QPSK	3707.505	Inner_1RB_Right	20.06	/	/	18.38	/	/	<=30	Pass
		Edge_1RB_Left	21.53	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Right	21.51	/	/	19.83	/	/	<=30	Pass
		Outer_Full	20.16	/	/	18.48	/	/	<=30	Pass
		Inner_Full	21.15	/	/	19.47	/	/	<=30	Pass
		Inner_1RB_Left	21.75	/	/	20.07	/	/	<=30	Pass
	3750	Inner_1RB_Right	21.86	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Left	21.69	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Right	21.69	/	/	20.01	/	/	<=30	Pass
		Outer_Full	20.20	/	/	18.52	/	/	<=30	Pass
		Inner_Full	21.27	/	/	19.59	/	/	<=30	Pass
		Inner_1RB_Left	21.91	/	/	20.23	/	/	<=30	Pass
	3792.495	Inner_1RB_Right	22.06	/	/	20.38	/	/	<=30	Pass
		Edge_1RB_Left	21.85	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	21.59	/	/	19.91	/	/	<=30	Pass
		Outer_Full	20.35	/	/	18.67	/	/	<=30	Pass
		Inner_Full	18.67	/	/	16.99	/	/	<=30	Pass
		Inner_1RB_Left	21.99	/	/	20.31	/	/	<=30	Pass
CP-OFDM 16 QAM	3707.505	Inner_1RB_Right	21.97	/	/	20.29	/	/	<=30	Pass
		Edge_1RB_Left	21.67	/	/	19.99	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	19.92	/	/	<=30	Pass
		Outer_Full	20.04	/	/	18.36	/	/	<=30	Pass
		Inner_Full	20.59	/	/	18.91	/	/	<=30	Pass
		Inner_1RB_Left	21.44	/	/	19.76	/	/	<=30	Pass
	3750	Inner_1RB_Right	21.53	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Left	21.74	/	/	20.06	/	/	<=30	Pass
		Edge_1RB_Right	21.72	/	/	20.04	/	/	<=30	Pass
		Outer_Full	20.17	/	/	18.49	/	/	<=30	Pass
		Inner_Full	20.66	/	/	18.98	/	/	<=30	Pass
		Inner_1RB_Left	21.52	/	/	19.84	/	/	<=30	Pass
	3792.495	Inner_1RB_Right	21.66	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Left	22.13	/	/	20.45	/	/	<=30	Pass
		Edge_1RB_Right	21.92	/	/	20.24	/	/	<=30	Pass
		Outer_Full	20.52	/	/	18.84	/	/	<=30	Pass
		Inner_Full	21.02	/	/	19.34	/	/	<=30	Pass
		Inner_1RB_Left	21.88	/	/	20.20	/	/	<=30	Pass
CP-OFDM 64 QAM	3707.505	Inner_1RB_Right	21.84	/	/	20.16	/	/	<=30	Pass
		Edge_1RB_Left	21.21	/	/	19.53	/	/	<=30	Pass
		Edge_1RB_Right	21.13	/	/	19.45	/	/	<=30	Pass
		Outer_Full	19.64	/	/	17.96	/	/	<=30	Pass
		Inner_Full	20.22	/	/	18.54	/	/	<=30	Pass
		Inner_1RB_Left	20.98	/	/	19.30	/	/	<=30	Pass
	3750	Inner_1RB_Right	21.19	/	/	19.51	/	/	<=30	Pass
		Edge_1RB_Left	21.21	/	/	19.53	/	/	<=30	Pass
		Edge_1RB_Right	21.19	/	/	19.51	/	/	<=30	Pass
		Outer_Full	19.60	/	/	17.92	/	/	<=30	Pass
		Inner_Full	20.19	/	/	18.51	/	/	<=30	Pass
		Inner_1RB_Left	20.97	/	/	19.29	/	/	<=30	Pass
	3792.495	Inner_1RB_Right	21.16	/	/	19.48	/	/	<=30	Pass
		Edge_1RB_Left	21.65	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	21.40	/	/	19.72	/	/	<=30	Pass
		Outer_Full	19.89	/	/	18.21	/	/	<=30	Pass
		Inner_Full	20.51	/	/	18.83	/	/	<=30	Pass
		Inner_1RB_Left	21.37	/	/	19.69	/	/	<=30	Pass
CP-OFDM 256 QAM	3707.505	Inner_1RB_Right	21.31	/	/	19.63	/	/	<=30	Pass
		Edge_1RB_Left	18.13	/	/	16.45	/	/	<=30	Pass
		Edge_1RB_Right	17.96	/	/	16.28	/	/	<=30	Pass
		Outer_Full	16.89	/	/	15.21	/	/	<=30	Pass
		Inner_Full	17.05	/	/	15.37	/	/	<=30	Pass

		Inner 1RB Left	17.89	/	/	16.21	/	/	<=30	Pass
		Inner 1RB Right	17.91	/	/	16.23	/	/	<=30	Pass
	3750	Edge 1RB Left	18.25	/	/	16.57	/	/	<=30	Pass
		Edge 1RB Right	18.17	/	/	16.49	/	/	<=30	Pass
		Outer Full	16.95	/	/	15.27	/	/	<=30	Pass
		Inner Full	17.18	/	/	15.50	/	/	<=30	Pass
		Inner 1RB Left	17.96	/	/	16.28	/	/	<=30	Pass
		Inner 1RB Right	18.16	/	/	16.48	/	/	<=30	Pass
	3792.495	Edge 1RB Left	18.48	/	/	16.80	/	/	<=30	Pass
		Edge 1RB Right	18.22	/	/	16.54	/	/	<=30	Pass
		Outer Full	17.12	/	/	15.44	/	/	<=30	Pass
		Inner Full	17.28	/	/	15.60	/	/	<=30	Pass
		Inner 1RB Left	18.22	/	/	16.54	/	/	<=30	Pass
		Inner 1RB Right	18.17	/	/	16.49	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15k_SISO_20MHz_NTNV_EIRP

5G NR n78a 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	3710.01	Edge 1RB Left	22.11	/	/	20.43	/	/	<=30	Pass
		Edge 1RB Right	21.85	/	/	20.17	/	/	<=30	Pass
		Outer Full	22.31	/	/	20.63	/	/	<=30	Pass
		Inner Full	22.79	/	/	21.11	/	/	<=30	Pass
		Inner 1RB Left	23.47	/	/	21.79	/	/	<=30	Pass
	3750	Inner 1RB Right	23.45	/	/	21.77	/	/	<=30	Pass
		Edge 1RB Left	22.19	/	/	20.51	/	/	<=30	Pass
		Edge 1RB Right	22.08	/	/	20.40	/	/	<=30	Pass
		Outer Full	22.47	/	/	20.79	/	/	<=30	Pass
		Inner Full	22.86	/	/	21.18	/	/	<=30	Pass
	3789.99	Inner 1RB Left	23.68	/	/	22.00	/	/	<=30	Pass
		Inner 1RB Right	23.77	/	/	22.09	/	/	<=30	Pass
		Edge 1RB Left	22.52	/	/	20.84	/	/	<=30	Pass
		Edge 1RB Right	22.28	/	/	20.60	/	/	<=30	Pass
		Outer Full	22.62	/	/	20.94	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Inner Full	23.04	/	/	21.36	/	/	<=30	Pass
		Inner 1RB Left	23.96	/	/	22.28	/	/	<=30	Pass
		Inner 1RB Right	23.87	/	/	22.19	/	/	<=30	Pass
	3750	Edge 1RB Left	21.98	/	/	20.30	/	/	<=30	Pass
		Edge 1RB Right	22.02	/	/	20.34	/	/	<=30	Pass
		Outer Full	21.33	/	/	19.65	/	/	<=30	Pass
		Inner Full	21.93	/	/	20.25	/	/	<=30	Pass
	3789.99	Inner 1RB Left	22.56	/	/	20.88	/	/	<=30	Pass
		Inner 1RB Right	22.59	/	/	20.91	/	/	<=30	Pass
		Edge 1RB Left	21.81	/	/	20.13	/	/	<=30	Pass
		Edge 1RB Right	22.12	/	/	20.44	/	/	<=30	Pass
		Outer Full	21.26	/	/	19.58	/	/	<=30	Pass
	3750	Inner Full	21.90	/	/	20.22	/	/	<=30	Pass
		Inner 1RB Left	22.65	/	/	20.97	/	/	<=30	Pass
		Inner 1RB Right	22.73	/	/	21.05	/	/	<=30	Pass
	3789.99	Edge 1RB Left	22.35	/	/	20.67	/	/	<=30	Pass
		Edge 1RB Right	22.28	/	/	20.60	/	/	<=30	Pass
		Outer Full	21.54	/	/	19.86	/	/	<=30	Pass
		Inner Full	21.96	/	/	20.28	/	/	<=30	Pass
		Inner 1RB Left	22.91	/	/	21.23	/	/	<=30	Pass

DFT-s-OFDM 64 QAM	3710.01	Inner_1RB_Right	22.82	/	/	21.14	/	/	<=30	Pass
		Edge_1RB_Left	22.06	/	/	20.38	/	/	<=30	Pass
		Edge_1RB_Right	21.87	/	/	20.19	/	/	<=30	Pass
		Outer_Full	20.79	/	/	19.11	/	/	<=30	Pass
		Inner_Full	20.81	/	/	19.13	/	/	<=30	Pass
		Inner_1RB_Left	21.90	/	/	20.22	/	/	<=30	Pass
	3750	Inner_1RB_Right	21.85	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Left	21.99	/	/	20.31	/	/	<=30	Pass
		Edge_1RB_Right	21.95	/	/	20.27	/	/	<=30	Pass
		Outer_Full	20.73	/	/	19.05	/	/	<=30	Pass
		Inner_Full	20.80	/	/	19.12	/	/	<=30	Pass
		Inner_1RB_Left	21.82	/	/	20.14	/	/	<=30	Pass
	3789.99	Inner_1RB_Right	21.94	/	/	20.26	/	/	<=30	Pass
		Edge_1RB_Left	22.26	/	/	20.58	/	/	<=30	Pass
		Edge_1RB_Right	22.03	/	/	20.35	/	/	<=30	Pass
		Outer_Full	20.89	/	/	19.21	/	/	<=30	Pass
		Inner_Full	20.96	/	/	19.28	/	/	<=30	Pass
		Inner_1RB_Left	22.10	/	/	20.42	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3710.01	Inner_1RB_Right	22.03	/	/	20.35	/	/	<=30	Pass
		Edge_1RB_Left	20.32	/	/	18.64	/	/	<=30	Pass
		Edge_1RB_Right	20.08	/	/	18.40	/	/	<=30	Pass
		Outer_Full	18.89	/	/	17.21	/	/	<=30	Pass
		Inner_Full	19.02	/	/	17.34	/	/	<=30	Pass
		Inner_1RB_Left	20.21	/	/	18.53	/	/	<=30	Pass
	3750	Inner_1RB_Right	20.09	/	/	18.41	/	/	<=30	Pass
		Edge_1RB_Left	20.29	/	/	18.61	/	/	<=30	Pass
		Edge_1RB_Right	20.19	/	/	18.51	/	/	<=30	Pass
		Outer_Full	19.03	/	/	17.35	/	/	<=30	Pass
		Inner_Full	19.13	/	/	17.45	/	/	<=30	Pass
		Inner_1RB_Left	20.09	/	/	18.41	/	/	<=30	Pass
	3789.99	Inner_1RB_Right	20.18	/	/	18.50	/	/	<=30	Pass
		Edge_1RB_Left	20.60	/	/	18.92	/	/	<=30	Pass
		Edge_1RB_Right	20.31	/	/	18.63	/	/	<=30	Pass
		Outer_Full	19.22	/	/	17.54	/	/	<=30	Pass
		Inner_Full	19.19	/	/	17.51	/	/	<=30	Pass
		Inner_1RB_Left	20.38	/	/	18.70	/	/	<=30	Pass
CP-OFDM QPSK	3710.01	Inner_1RB_Right	20.29	/	/	18.61	/	/	<=30	Pass
		Edge_1RB_Left	21.78	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Right	21.55	/	/	19.87	/	/	<=30	Pass
		Outer_Full	20.37	/	/	18.69	/	/	<=30	Pass
		Inner_Full	21.15	/	/	19.47	/	/	<=30	Pass
		Inner_1RB_Left	22.01	/	/	20.33	/	/	<=30	Pass
	3750	Inner_1RB_Right	22.10	/	/	20.42	/	/	<=30	Pass
		Edge_1RB_Left	21.87	/	/	20.19	/	/	<=30	Pass
		Edge_1RB_Right	21.77	/	/	20.09	/	/	<=30	Pass
		Outer_Full	20.60	/	/	18.92	/	/	<=30	Pass
		Inner_Full	21.37	/	/	19.69	/	/	<=30	Pass
		Inner_1RB_Left	22.10	/	/	20.42	/	/	<=30	Pass
	3789.99	Inner_1RB_Right	22.32	/	/	20.64	/	/	<=30	Pass
		Edge_1RB_Left	21.91	/	/	20.23	/	/	<=30	Pass
		Edge_1RB_Right	21.63	/	/	19.95	/	/	<=30	Pass
		Outer_Full	20.56	/	/	18.88	/	/	<=30	Pass
		Inner_Full	21.32	/	/	19.64	/	/	<=30	Pass
		Inner_1RB_Left	22.16	/	/	20.48	/	/	<=30	Pass
CP-OFDM 16 QAM	3710.01	Inner_1RB_Right	22.20	/	/	20.52	/	/	<=30	Pass
		Edge_1RB_Left	21.73	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	21.50	/	/	19.82	/	/	<=30	Pass
		Outer_Full	20.35	/	/	18.67	/	/	<=30	Pass
		Inner_Full	20.63	/	/	18.95	/	/	<=30	Pass

		Inner_1RB_Left	21.55	/	/	19.87	/	/	<=30	Pass
		Inner_1RB_Right	21.63	/	/	19.95	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.77	/	/	20.09	/	/	<=30	Pass
		Edge_1RB_Right	21.69	/	/	20.01	/	/	<=30	Pass
		Outer_Full	20.43	/	/	18.75	/	/	<=30	Pass
		Inner_Full	20.98	/	/	19.30	/	/	<=30	Pass
		Inner_1RB_Left	21.59	/	/	19.91	/	/	<=30	Pass
		Inner_1RB_Right	21.91	/	/	20.23	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	21.94	/	/	20.26	/	/	<=30	Pass
		Edge_1RB_Right	21.66	/	/	19.98	/	/	<=30	Pass
		Outer_Full	20.45	/	/	18.77	/	/	<=30	Pass
		Inner_Full	20.95	/	/	19.27	/	/	<=30	Pass
		Inner_1RB_Left	21.78	/	/	20.10	/	/	<=30	Pass
		Inner_1RB_Right	21.90	/	/	20.22	/	/	<=30	Pass
CP-OFDM 64 QAM	3710.01	Edge_1RB_Left	21.40	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	21.16	/	/	19.48	/	/	<=30	Pass
		Outer_Full	19.75	/	/	18.07	/	/	<=30	Pass
		Inner_Full	20.24	/	/	18.56	/	/	<=30	Pass
		Inner_1RB_Left	21.23	/	/	19.55	/	/	<=30	Pass
		Inner_1RB_Right	21.44	/	/	19.76	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.40	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	21.29	/	/	19.61	/	/	<=30	Pass
		Outer_Full	20.00	/	/	18.32	/	/	<=30	Pass
		Inner_Full	20.48	/	/	18.80	/	/	<=30	Pass
		Inner_1RB_Left	21.21	/	/	19.53	/	/	<=30	Pass
		Inner_1RB_Right	21.51	/	/	19.83	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	21.82	/	/	20.14	/	/	<=30	Pass
		Edge_1RB_Right	21.51	/	/	19.83	/	/	<=30	Pass
		Outer_Full	20.11	/	/	18.43	/	/	<=30	Pass
		Inner_Full	20.41	/	/	18.73	/	/	<=30	Pass
		Inner_1RB_Left	21.58	/	/	19.90	/	/	<=30	Pass
		Inner_1RB_Right	21.58	/	/	19.90	/	/	<=30	Pass
CP-OFDM 256 QAM	3710.01	Edge_1RB_Left	18.48	/	/	16.80	/	/	<=30	Pass
		Edge_1RB_Right	18.20	/	/	16.52	/	/	<=30	Pass
		Outer_Full	17.08	/	/	15.40	/	/	<=30	Pass
		Inner_Full	17.15	/	/	15.47	/	/	<=30	Pass
		Inner_1RB_Left	18.27	/	/	16.59	/	/	<=30	Pass
		Inner_1RB_Right	18.25	/	/	16.57	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.74	/	/	17.06	/	/	<=30	Pass
		Edge_1RB_Right	18.60	/	/	16.92	/	/	<=30	Pass
		Outer_Full	17.40	/	/	15.72	/	/	<=30	Pass
		Inner_Full	17.43	/	/	15.75	/	/	<=30	Pass
		Inner_1RB_Left	18.52	/	/	16.84	/	/	<=30	Pass
		Inner_1RB_Right	18.68	/	/	17.00	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	18.55	/	/	16.87	/	/	<=30	Pass
		Edge_1RB_Right	18.25	/	/	16.57	/	/	<=30	Pass
		Outer_Full	17.13	/	/	15.45	/	/	<=30	Pass
		Inner_Full	17.13	/	/	15.45	/	/	<=30	Pass
		Inner_1RB_Left	18.37	/	/	16.69	/	/	<=30	Pass
		Inner_1RB_Right	18.35	/	/	16.67	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 15k_SISO_25MHz_NTNV_EIRP

5G NR n78a SCS=15kHz SISO 25MHz NTN					
Modulation	Frequency	RB	Conducted Power(dBm)	EIRP(dBm)	Verdict

	(MHz)	Allocation	Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3712.5	Edge 1RB Left	20.85	/	/	19.17	/	/	<=30	Pass
		Edge 1RB Right	20.46	/	/	18.78	/	/	<=30	Pass
		Outer Full	22.27	/	/	20.59	/	/	<=30	Pass
		Inner Full	22.76	/	/	21.08	/	/	<=30	Pass
		Inner 1RB Left	22.41	/	/	20.73	/	/	<=30	Pass
		Inner 1RB Right	22.57	/	/	20.89	/	/	<=30	Pass
	3750	Edge 1RB Left	21.17	/	/	19.49	/	/	<=30	Pass
		Edge 1RB Right	20.56	/	/	18.88	/	/	<=30	Pass
		Outer Full	22.34	/	/	20.66	/	/	<=30	Pass
		Inner Full	22.81	/	/	21.13	/	/	<=30	Pass
		Inner 1RB Left	22.69	/	/	21.01	/	/	<=30	Pass
		Inner 1RB Right	22.64	/	/	20.96	/	/	<=30	Pass
	3787.5	Edge 1RB Left	20.85	/	/	19.17	/	/	<=30	Pass
		Edge 1RB Right	20.53	/	/	18.85	/	/	<=30	Pass
		Outer Full	22.31	/	/	20.63	/	/	<=30	Pass
		Inner Full	22.83	/	/	21.15	/	/	<=30	Pass
		Inner 1RB Left	22.42	/	/	20.74	/	/	<=30	Pass
		Inner 1RB Right	22.75	/	/	21.07	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3712.5	Edge 1RB Left	20.50	/	/	18.82	/	/	<=30	Pass
		Edge 1RB Right	20.14	/	/	18.46	/	/	<=30	Pass
		Outer Full	21.18	/	/	19.50	/	/	<=30	Pass
		Inner Full	21.74	/	/	20.06	/	/	<=30	Pass
		Inner 1RB Left	21.28	/	/	19.60	/	/	<=30	Pass
		Inner 1RB Right	21.56	/	/	19.88	/	/	<=30	Pass
	3750	Edge 1RB Left	20.91	/	/	19.23	/	/	<=30	Pass
		Edge 1RB Right	20.35	/	/	18.67	/	/	<=30	Pass
		Outer Full	21.40	/	/	19.72	/	/	<=30	Pass
		Inner Full	21.88	/	/	20.20	/	/	<=30	Pass
		Inner 1RB Left	21.66	/	/	19.98	/	/	<=30	Pass
		Inner 1RB Right	21.72	/	/	20.04	/	/	<=30	Pass
	3787.5	Edge 1RB Left	20.94	/	/	19.26	/	/	<=30	Pass
		Edge 1RB Right	20.64	/	/	18.96	/	/	<=30	Pass
		Outer Full	21.24	/	/	19.56	/	/	<=30	Pass
		Inner Full	21.92	/	/	20.24	/	/	<=30	Pass
		Inner 1RB Left	21.31	/	/	19.63	/	/	<=30	Pass
		Inner 1RB Right	21.49	/	/	19.81	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3712.5	Edge 1RB Left	20.51	/	/	18.83	/	/	<=30	Pass
		Edge 1RB Right	20.18	/	/	18.50	/	/	<=30	Pass
		Outer Full	20.64	/	/	18.96	/	/	<=30	Pass
		Inner Full	20.70	/	/	19.02	/	/	<=30	Pass
		Inner 1RB Left	20.22	/	/	18.54	/	/	<=30	Pass
		Inner 1RB Right	20.36	/	/	18.68	/	/	<=30	Pass
	3750	Edge 1RB Left	20.91	/	/	19.23	/	/	<=30	Pass
		Edge 1RB Right	20.31	/	/	18.63	/	/	<=30	Pass
		Outer Full	20.77	/	/	19.09	/	/	<=30	Pass
		Inner Full	21.05	/	/	19.37	/	/	<=30	Pass
		Inner 1RB Left	20.69	/	/	19.01	/	/	<=30	Pass
		Inner 1RB Right	20.59	/	/	18.91	/	/	<=30	Pass
	3787.5	Edge 1RB Left	20.87	/	/	19.19	/	/	<=30	Pass
		Edge 1RB Right	20.58	/	/	18.90	/	/	<=30	Pass
		Outer Full	20.80	/	/	19.12	/	/	<=30	Pass
		Inner Full	21.00	/	/	19.32	/	/	<=30	Pass
		Inner 1RB Left	20.55	/	/	18.87	/	/	<=30	Pass
		Inner 1RB Right	20.63	/	/	18.95	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3712.5	Edge 1RB Left	18.96	/	/	17.28	/	/	<=30	Pass
		Edge 1RB Right	18.57	/	/	16.89	/	/	<=30	Pass
		Outer Full	18.84	/	/	17.16	/	/	<=30	Pass
		Inner Full	18.97	/	/	17.29	/	/	<=30	Pass

		Inner_1RB_Left	18.63	/	/	16.95	/	/	<=30	Pass
		Inner_1RB_Right	18.74	/	/	17.06	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.38	/	/	17.70	/	/	<=30	Pass
		Edge_1RB_Right	18.79	/	/	17.11	/	/	<=30	Pass
		Outer_Full	19.11	/	/	17.43	/	/	<=30	Pass
		Inner_Full	19.17	/	/	17.49	/	/	<=30	Pass
		Inner_1RB_Left	19.28	/	/	17.60	/	/	<=30	Pass
		Inner_1RB_Right	19.16	/	/	17.48	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	19.21	/	/	17.53	/	/	<=30	Pass
		Edge_1RB_Right	18.91	/	/	17.23	/	/	<=30	Pass
		Outer_Full	19.12	/	/	17.44	/	/	<=30	Pass
		Inner_Full	19.11	/	/	17.43	/	/	<=30	Pass
		Inner_1RB_Left	18.92	/	/	17.24	/	/	<=30	Pass
		Inner_1RB_Right	19.11	/	/	17.43	/	/	<=30	Pass
CP-OFDM QPSK	3712.5	Edge_1RB_Left	20.64	/	/	18.96	/	/	<=30	Pass
		Edge_1RB_Right	20.37	/	/	18.69	/	/	<=30	Pass
		Outer_Full	20.22	/	/	18.54	/	/	<=30	Pass
		Inner_Full	21.12	/	/	19.44	/	/	<=30	Pass
		Inner_1RB_Left	20.77	/	/	19.09	/	/	<=30	Pass
		Inner_1RB_Right	20.94	/	/	19.26	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.03	/	/	19.35	/	/	<=30	Pass
		Edge_1RB_Right	20.55	/	/	18.87	/	/	<=30	Pass
		Outer_Full	20.40	/	/	18.72	/	/	<=30	Pass
		Inner_Full	21.36	/	/	19.68	/	/	<=30	Pass
		Inner_1RB_Left	21.15	/	/	19.47	/	/	<=30	Pass
		Inner_1RB_Right	21.12	/	/	19.44	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	20.80	/	/	19.12	/	/	<=30	Pass
		Edge_1RB_Right	20.54	/	/	18.86	/	/	<=30	Pass
		Outer_Full	20.41	/	/	18.73	/	/	<=30	Pass
		Inner_Full	21.41	/	/	19.73	/	/	<=30	Pass
		Inner_1RB_Left	20.96	/	/	19.28	/	/	<=30	Pass
		Inner_1RB_Right	21.13	/	/	19.45	/	/	<=30	Pass
CP-OFDM 16 QAM	3712.5	Edge_1RB_Left	20.26	/	/	18.58	/	/	<=30	Pass
		Edge_1RB_Right	20.01	/	/	18.33	/	/	<=30	Pass
		Outer_Full	20.12	/	/	18.44	/	/	<=30	Pass
		Inner_Full	20.50	/	/	18.82	/	/	<=30	Pass
		Inner_1RB_Left	19.98	/	/	18.30	/	/	<=30	Pass
		Inner_1RB_Right	20.13	/	/	18.45	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.72	/	/	19.04	/	/	<=30	Pass
		Edge_1RB_Right	20.23	/	/	18.55	/	/	<=30	Pass
		Outer_Full	20.36	/	/	18.68	/	/	<=30	Pass
		Inner_Full	20.86	/	/	19.18	/	/	<=30	Pass
		Inner_1RB_Left	20.41	/	/	18.73	/	/	<=30	Pass
		Inner_1RB_Right	20.54	/	/	18.86	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	20.53	/	/	18.85	/	/	<=30	Pass
		Edge_1RB_Right	20.27	/	/	18.59	/	/	<=30	Pass
		Outer_Full	20.41	/	/	18.73	/	/	<=30	Pass
		Inner_Full	20.96	/	/	19.28	/	/	<=30	Pass
		Inner_1RB_Left	20.21	/	/	18.53	/	/	<=30	Pass
		Inner_1RB_Right	21.06	/	/	19.38	/	/	<=30	Pass
CP-OFDM 64 QAM	3712.5	Edge_1RB_Left	20.13	/	/	18.45	/	/	<=30	Pass
		Edge_1RB_Right	19.87	/	/	18.19	/	/	<=30	Pass
		Outer_Full	19.57	/	/	17.89	/	/	<=30	Pass
		Inner_Full	20.06	/	/	18.38	/	/	<=30	Pass
		Inner_1RB_Left	19.88	/	/	18.20	/	/	<=30	Pass
		Inner_1RB_Right	20.01	/	/	18.33	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.65	/	/	18.97	/	/	<=30	Pass
		Edge_1RB_Right	20.16	/	/	18.48	/	/	<=30	Pass
		Outer_Full	19.89	/	/	18.21	/	/	<=30	Pass

		Inner_Full	20.40	/	/	18.72	/	/	<=30	Pass
		Inner_1RB_Left	20.36	/	/	18.68	/	/	<=30	Pass
		Inner_1RB_Right	20.26	/	/	18.58	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	20.36	/	/	18.68	/	/	<=30	Pass
		Edge_1RB_Right	20.09	/	/	18.41	/	/	<=30	Pass
		Outer_Full	19.98	/	/	18.30	/	/	<=30	Pass
		Inner_Full	20.56	/	/	18.88	/	/	<=30	Pass
		Inner_1RB_Left	20.03	/	/	18.35	/	/	<=30	Pass
		Inner_1RB_Right	20.37	/	/	18.69	/	/	<=30	Pass
CP-OFDM 256 QAM	3712.5	Edge_1RB_Left	17.03	/	/	15.35	/	/	<=30	Pass
		Edge_1RB_Right	16.66	/	/	14.98	/	/	<=30	Pass
		Outer_Full	16.96	/	/	15.28	/	/	<=30	Pass
		Inner_Full	17.10	/	/	15.42	/	/	<=30	Pass
		Inner_1RB_Left	16.71	/	/	15.03	/	/	<=30	Pass
		Inner_1RB_Right	16.92	/	/	15.24	/	/	<=30	Pass
	3750	Edge_1RB_Left	17.65	/	/	15.97	/	/	<=30	Pass
		Edge_1RB_Right	17.26	/	/	15.58	/	/	<=30	Pass
		Outer_Full	17.27	/	/	15.59	/	/	<=30	Pass
		Inner_Full	17.45	/	/	15.77	/	/	<=30	Pass
		Inner_1RB_Left	17.33	/	/	15.65	/	/	<=30	Pass
		Inner_1RB_Right	17.25	/	/	15.57	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	17.23	/	/	15.55	/	/	<=30	Pass
		Edge_1RB_Right	16.95	/	/	15.27	/	/	<=30	Pass
		Outer_Full	17.16	/	/	15.48	/	/	<=30	Pass
		Inner_Full	17.19	/	/	15.51	/	/	<=30	Pass
		Inner_1RB_Left	16.91	/	/	15.23	/	/	<=30	Pass
		Inner_1RB_Right	17.09	/	/	15.41	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 15k_SISO_30MHz_NTNV_EIRP

5G NR n78a 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	3715.005	Edge_1RB_Left	21.92	/	/	20.24	/	/	<=30	Pass
		Edge_1RB_Right	21.84	/	/	20.16	/	/	<=30	Pass
		Outer_Full	22.20	/	/	20.52	/	/	<=30	Pass
		Inner_Full	22.62	/	/	20.94	/	/	<=30	Pass
		Inner_1RB_Left	23.32	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	21.81	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.41	/	/	20.73	/	/	<=30	Pass
		Edge_1RB_Right	21.98	/	/	20.30	/	/	<=30	Pass
		Outer_Full	22.37	/	/	20.69	/	/	<=30	Pass
		Inner_Full	22.78	/	/	21.10	/	/	<=30	Pass
		Inner_1RB_Left	23.88	/	/	22.20	/	/	<=30	Pass
		Inner_1RB_Right	23.65	/	/	21.97	/	/	<=30	Pass
	3784.995	Edge_1RB_Left	22.57	/	/	20.89	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	20.49	/	/	<=30	Pass
		Outer_Full	22.61	/	/	20.93	/	/	<=30	Pass
		Inner_Full	23.03	/	/	21.35	/	/	<=30	Pass
		Inner_1RB_Left	24.10	/	/	22.42	/	/	<=30	Pass
		Inner_1RB_Right	23.80	/	/	22.12	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.005	Edge_1RB_Left	21.87	/	/	20.19	/	/	<=30	Pass
		Edge_1RB_Right	21.86	/	/	20.18	/	/	<=30	Pass
		Outer_Full	21.07	/	/	19.39	/	/	<=30	Pass
		Inner_Full	21.62	/	/	19.94	/	/	<=30	Pass

	3750	Inner_1RB_Left	22.29	/	/	20.61	/	/	<=30	Pass
		Inner_1RB_Right	22.56	/	/	20.88	/	/	<=30	Pass
		Edge_1RB_Left	22.46	/	/	20.78	/	/	<=30	Pass
		Edge_1RB_Right	22.06	/	/	20.38	/	/	<=30	Pass
		Outer_Full	21.39	/	/	19.71	/	/	<=30	Pass
		Inner_Full	21.91	/	/	20.23	/	/	<=30	Pass
	3784.995	Inner_1RB_Left	22.84	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Right	22.83	/	/	21.15	/	/	<=30	Pass
		Edge_1RB_Left	22.52	/	/	20.84	/	/	<=30	Pass
		Edge_1RB_Right	22.14	/	/	20.46	/	/	<=30	Pass
		Outer_Full	21.49	/	/	19.81	/	/	<=30	Pass
		Inner_Full	21.92	/	/	20.24	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3715.005	Inner_1RB_Left	22.94	/	/	21.26	/	/	<=30	Pass
		Inner_1RB_Right	22.74	/	/	21.06	/	/	<=30	Pass
		Edge_1RB_Left	21.77	/	/	20.09	/	/	<=30	Pass
		Edge_1RB_Right	21.79	/	/	20.11	/	/	<=30	Pass
		Outer_Full	20.56	/	/	18.88	/	/	<=30	Pass
		Inner_Full	20.62	/	/	18.94	/	/	<=30	Pass
	3750	Inner_1RB_Left	21.68	/	/	20.00	/	/	<=30	Pass
		Inner_1RB_Right	21.81	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Left	22.24	/	/	20.56	/	/	<=30	Pass
		Edge_1RB_Right	21.86	/	/	20.18	/	/	<=30	Pass
		Outer_Full	20.82	/	/	19.14	/	/	<=30	Pass
		Inner_Full	20.87	/	/	19.19	/	/	<=30	Pass
	3784.995	Inner_1RB_Left	22.13	/	/	20.45	/	/	<=30	Pass
		Inner_1RB_Right	21.98	/	/	20.30	/	/	<=30	Pass
		Edge_1RB_Left	22.33	/	/	20.65	/	/	<=30	Pass
		Edge_1RB_Right	21.96	/	/	20.28	/	/	<=30	Pass
		Outer_Full	20.88	/	/	19.20	/	/	<=30	Pass
		Inner_Full	20.86	/	/	19.18	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3715.005	Inner_1RB_Left	22.23	/	/	20.55	/	/	<=30	Pass
		Inner_1RB_Right	21.95	/	/	20.27	/	/	<=30	Pass
		Edge_1RB_Left	20.00	/	/	18.32	/	/	<=30	Pass
		Edge_1RB_Right	19.92	/	/	18.24	/	/	<=30	Pass
		Outer_Full	18.77	/	/	17.09	/	/	<=30	Pass
		Inner_Full	18.82	/	/	17.14	/	/	<=30	Pass
	3750	Inner_1RB_Left	19.88	/	/	18.20	/	/	<=30	Pass
		Inner_1RB_Right	19.91	/	/	18.23	/	/	<=30	Pass
		Edge_1RB_Left	20.75	/	/	19.07	/	/	<=30	Pass
		Edge_1RB_Right	20.38	/	/	18.70	/	/	<=30	Pass
		Outer_Full	19.08	/	/	17.40	/	/	<=30	Pass
		Inner_Full	19.08	/	/	17.40	/	/	<=30	Pass
	3784.995	Inner_1RB_Left	20.63	/	/	18.95	/	/	<=30	Pass
		Inner_1RB_Right	20.26	/	/	18.58	/	/	<=30	Pass
		Edge_1RB_Left	20.67	/	/	18.99	/	/	<=30	Pass
		Edge_1RB_Right	20.28	/	/	18.60	/	/	<=30	Pass
		Outer_Full	19.10	/	/	17.42	/	/	<=30	Pass
		Inner_Full	19.03	/	/	17.35	/	/	<=30	Pass
CP-OFDM QPSK	3715.005	Inner_1RB_Left	20.57	/	/	18.89	/	/	<=30	Pass
		Inner_1RB_Right	20.30	/	/	18.62	/	/	<=30	Pass
		Edge_1RB_Left	21.62	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	21.73	/	/	20.05	/	/	<=30	Pass
		Outer_Full	20.13	/	/	18.45	/	/	<=30	Pass
		Inner_Full	20.95	/	/	19.27	/	/	<=30	Pass
	3750	Inner_1RB_Left	21.85	/	/	20.17	/	/	<=30	Pass
		Inner_1RB_Right	22.08	/	/	20.40	/	/	<=30	Pass
		Edge_1RB_Left	22.18	/	/	20.50	/	/	<=30	Pass
		Edge_1RB_Right	21.90	/	/	20.22	/	/	<=30	Pass
		Outer_Full	20.55	/	/	18.87	/	/	<=30	Pass

		Inner_Full	21.51	/	/	19.83	/	/	<=30	Pass
		Inner_1RB_Left	22.51	/	/	20.83	/	/	<=30	Pass
		Inner_1RB_Right	22.24	/	/	20.56	/	/	<=30	Pass
	3784.995	Edge_1RB_Left	22.27	/	/	20.59	/	/	<=30	Pass
		Edge_1RB_Right	21.90	/	/	20.22	/	/	<=30	Pass
		Outer_Full	20.68	/	/	19.00	/	/	<=30	Pass
		Inner_Full	21.38	/	/	19.70	/	/	<=30	Pass
		Inner_1RB_Left	22.59	/	/	20.91	/	/	<=30	Pass
		Inner_1RB_Right	22.29	/	/	20.61	/	/	<=30	Pass
		Edge_1RB_Left	21.42	/	/	19.74	/	/	<=30	Pass
CP-OFDM 16 QAM	3715.005	Edge_1RB_Right	21.55	/	/	19.87	/	/	<=30	Pass
		Outer_Full	20.01	/	/	18.33	/	/	<=30	Pass
		Inner_Full	20.39	/	/	18.71	/	/	<=30	Pass
		Inner_1RB_Left	21.37	/	/	19.69	/	/	<=30	Pass
		Inner_1RB_Right	21.48	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Left	22.22	/	/	20.54	/	/	<=30	Pass
	3750	Edge_1RB_Right	21.96	/	/	20.28	/	/	<=30	Pass
		Outer_Full	20.56	/	/	18.88	/	/	<=30	Pass
		Inner_Full	20.92	/	/	19.24	/	/	<=30	Pass
		Inner_1RB_Left	22.11	/	/	20.43	/	/	<=30	Pass
		Inner_1RB_Right	21.91	/	/	20.23	/	/	<=30	Pass
		Edge_1RB_Left	22.12	/	/	20.44	/	/	<=30	Pass
	3784.995	Edge_1RB_Right	21.84	/	/	20.16	/	/	<=30	Pass
		Outer_Full	20.48	/	/	18.80	/	/	<=30	Pass
		Inner_Full	20.80	/	/	19.12	/	/	<=30	Pass
		Inner_1RB_Left	22.04	/	/	20.36	/	/	<=30	Pass
		Inner_1RB_Right	21.70	/	/	20.02	/	/	<=30	Pass
		Edge_1RB_Left	21.21	/	/	19.53	/	/	<=30	Pass
CP-OFDM 64 QAM	3715.005	Edge_1RB_Right	21.27	/	/	19.59	/	/	<=30	Pass
		Outer_Full	19.49	/	/	17.81	/	/	<=30	Pass
		Inner_Full	19.97	/	/	18.29	/	/	<=30	Pass
		Inner_1RB_Left	21.26	/	/	19.58	/	/	<=30	Pass
		Inner_1RB_Right	21.32	/	/	19.64	/	/	<=30	Pass
		Edge_1RB_Left	21.97	/	/	20.29	/	/	<=30	Pass
	3750	Edge_1RB_Right	21.65	/	/	19.97	/	/	<=30	Pass
		Outer_Full	19.98	/	/	18.30	/	/	<=30	Pass
		Inner_Full	20.40	/	/	18.72	/	/	<=30	Pass
		Inner_1RB_Left	22.00	/	/	20.32	/	/	<=30	Pass
		Inner_1RB_Right	21.67	/	/	19.99	/	/	<=30	Pass
		Edge_1RB_Left	21.84	/	/	20.16	/	/	<=30	Pass
	3784.995	Edge_1RB_Right	21.49	/	/	19.81	/	/	<=30	Pass
		Outer_Full	19.89	/	/	18.21	/	/	<=30	Pass
		Inner_Full	20.26	/	/	18.58	/	/	<=30	Pass
		Inner_1RB_Left	21.76	/	/	20.08	/	/	<=30	Pass
		Inner_1RB_Right	21.41	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Left	18.30	/	/	16.62	/	/	<=30	Pass
CP-OFDM 256 QAM	3715.005	Edge_1RB_Right	18.22	/	/	16.54	/	/	<=30	Pass
		Outer_Full	16.92	/	/	15.24	/	/	<=30	Pass
		Inner_Full	16.97	/	/	15.29	/	/	<=30	Pass
		Inner_1RB_Left	18.14	/	/	16.46	/	/	<=30	Pass
		Inner_1RB_Right	18.11	/	/	16.43	/	/	<=30	Pass
		Edge_1RB_Left	18.95	/	/	17.27	/	/	<=30	Pass
	3750	Edge_1RB_Right	18.69	/	/	17.01	/	/	<=30	Pass
		Outer_Full	17.41	/	/	15.73	/	/	<=30	Pass
		Inner_Full	17.35	/	/	15.67	/	/	<=30	Pass
		Inner_1RB_Left	18.86	/	/	17.18	/	/	<=30	Pass
		Inner_1RB_Right	18.66	/	/	16.98	/	/	<=30	Pass
		Edge_1RB_Left	18.79	/	/	17.11	/	/	<=30	Pass
	3784.995	Edge_1RB_Right	18.33	/	/	16.65	/	/	<=30	Pass

		Outer_Full	17.25	/	/	15.57	/	/	<=30	Pass
		Inner_Full	17.15	/	/	15.47	/	/	<=30	Pass
		Inner_1RB_Left	18.67	/	/	16.99	/	/	<=30	Pass
		Inner_1RB_Right	18.30	/	/	16.62	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -1.68dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.6 15k_SISO_40MHz_NTNV_EIRP

5G NR n78a 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	3720	Edge_1RB_Left	22.76	/	/	21.08	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	20.53	/	/	<=30	Pass
		Outer_Full	22.78	/	/	21.10	/	/	<=30	Pass
		Inner_Full	23.03	/	/	21.35	/	/	<=30	Pass
		Inner_1RB_Left	23.94	/	/	22.26	/	/	<=30	Pass
		Inner_1RB_Right	23.87	/	/	22.19	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.13	/	/	21.45	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	20.93	/	/	<=30	Pass
		Outer_Full	22.88	/	/	21.20	/	/	<=30	Pass
		Inner_Full	23.00	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Left	24.37	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Right	24.22	/	/	22.54	/	/	<=30	Pass
	3780	Edge_1RB_Left	23.14	/	/	21.46	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	20.96	/	/	<=30	Pass
		Outer_Full	22.93	/	/	21.25	/	/	<=30	Pass
		Inner_Full	18.13	/	/	16.45	/	/	<=30	Pass
		Inner_1RB_Left	24.51	/	/	22.83	/	/	<=30	Pass
		Inner_1RB_Right	24.25	/	/	22.57	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Edge_1RB_Left	22.64	/	/	20.96	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	20.53	/	/	<=30	Pass
		Outer_Full	21.71	/	/	20.03	/	/	<=30	Pass
		Inner_Full	22.08	/	/	20.40	/	/	<=30	Pass
		Inner_1RB_Left	22.98	/	/	21.30	/	/	<=30	Pass
		Inner_1RB_Right	22.91	/	/	21.23	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.01	/	/	21.33	/	/	<=30	Pass
		Edge_1RB_Right	22.50	/	/	20.82	/	/	<=30	Pass
		Outer_Full	21.90	/	/	20.22	/	/	<=30	Pass
		Inner_Full	22.12	/	/	20.44	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	21.91	/	/	<=30	Pass
		Inner_1RB_Right	23.37	/	/	21.69	/	/	<=30	Pass
	3780	Edge_1RB_Left	22.92	/	/	21.24	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	21.07	/	/	<=30	Pass
		Outer_Full	21.95	/	/	20.27	/	/	<=30	Pass
		Inner_Full	22.17	/	/	20.49	/	/	<=30	Pass
		Inner_1RB_Left	23.55	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Right	23.24	/	/	21.56	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Edge_1RB_Left	22.52	/	/	20.84	/	/	<=30	Pass
		Edge_1RB_Right	22.13	/	/	20.45	/	/	<=30	Pass
		Outer_Full	21.19	/	/	19.51	/	/	<=30	Pass
		Inner_Full	20.99	/	/	19.31	/	/	<=30	Pass
		Inner_1RB_Left	22.44	/	/	20.76	/	/	<=30	Pass
		Inner_1RB_Right	22.14	/	/	20.46	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.78	/	/	21.10	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	20.86	/	/	<=30	Pass
		Outer_Full	21.30	/	/	19.62	/	/	<=30	Pass

		Inner_Full	21.11	/	/	19.43	/	/	<=30	Pass
		Inner_1RB_Left	22.80	/	/	21.12	/	/	<=30	Pass
		Inner_1RB_Right	22.48	/	/	20.80	/	/	<=30	Pass
	3780	Edge_1RB_Left	22.95	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	20.89	/	/	<=30	Pass
		Outer_Full	21.32	/	/	19.64	/	/	<=30	Pass
		Inner_Full	21.14	/	/	19.46	/	/	<=30	Pass
		Inner_1RB_Left	22.87	/	/	21.19	/	/	<=30	Pass
		Inner_1RB_Right	22.59	/	/	20.91	/	/	<=30	Pass
		Edge_1RB_Left	20.81	/	/	19.13	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3720	Edge_1RB_Right	20.19	/	/	18.51	/	/	<=30	Pass
		Outer_Full	19.33	/	/	17.65	/	/	<=30	Pass
		Inner_Full	19.11	/	/	17.43	/	/	<=30	Pass
		Inner_1RB_Left	20.74	/	/	19.06	/	/	<=30	Pass
		Inner_1RB_Right	20.23	/	/	18.55	/	/	<=30	Pass
		Edge_1RB_Left	21.35	/	/	19.67	/	/	<=30	Pass
	3750	Edge_1RB_Right	20.79	/	/	19.11	/	/	<=30	Pass
		Outer_Full	19.56	/	/	17.88	/	/	<=30	Pass
		Inner_Full	19.27	/	/	17.59	/	/	<=30	Pass
		Inner_1RB_Left	21.26	/	/	19.58	/	/	<=30	Pass
		Inner_1RB_Right	20.83	/	/	19.15	/	/	<=30	Pass
		Edge_1RB_Left	21.27	/	/	19.59	/	/	<=30	Pass
	3780	Edge_1RB_Right	20.82	/	/	19.14	/	/	<=30	Pass
		Outer_Full	19.56	/	/	17.88	/	/	<=30	Pass
		Inner_Full	19.36	/	/	17.68	/	/	<=30	Pass
		Inner_1RB_Left	21.23	/	/	19.55	/	/	<=30	Pass
		Inner_1RB_Right	20.89	/	/	19.21	/	/	<=30	Pass
		Edge_1RB_Left	22.37	/	/	20.69	/	/	<=30	Pass
CP-OFDM QPSK	3720	Edge_1RB_Right	22.05	/	/	20.37	/	/	<=30	Pass
		Outer_Full	20.94	/	/	19.26	/	/	<=30	Pass
		Inner_Full	21.55	/	/	19.87	/	/	<=30	Pass
		Inner_1RB_Left	22.63	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Right	22.52	/	/	20.84	/	/	<=30	Pass
		Edge_1RB_Left	22.55	/	/	20.87	/	/	<=30	Pass
	3750	Edge_1RB_Right	22.27	/	/	20.59	/	/	<=30	Pass
		Outer_Full	20.83	/	/	19.15	/	/	<=30	Pass
		Inner_Full	21.37	/	/	19.69	/	/	<=30	Pass
		Inner_1RB_Left	22.82	/	/	21.14	/	/	<=30	Pass
		Inner_1RB_Right	22.71	/	/	21.03	/	/	<=30	Pass
		Edge_1RB_Left	22.81	/	/	21.13	/	/	<=30	Pass
	3780	Edge_1RB_Right	22.41	/	/	20.73	/	/	<=30	Pass
		Outer_Full	21.12	/	/	19.44	/	/	<=30	Pass
		Inner_Full	21.63	/	/	19.95	/	/	<=30	Pass
		Inner_1RB_Left	23.06	/	/	21.38	/	/	<=30	Pass
		Inner_1RB_Right	22.82	/	/	21.14	/	/	<=30	Pass
		Edge_1RB_Left	22.30	/	/	20.62	/	/	<=30	Pass
CP-OFDM 16 QAM	3720	Edge_1RB_Right	21.97	/	/	20.29	/	/	<=30	Pass
		Outer_Full	20.81	/	/	19.13	/	/	<=30	Pass
		Inner_Full	21.00	/	/	19.32	/	/	<=30	Pass
		Inner_1RB_Left	22.23	/	/	20.55	/	/	<=30	Pass
		Inner_1RB_Right	22.18	/	/	20.50	/	/	<=30	Pass
		Edge_1RB_Left	22.44	/	/	20.76	/	/	<=30	Pass
	3750	Edge_1RB_Right	22.12	/	/	20.44	/	/	<=30	Pass
		Outer_Full	20.75	/	/	19.07	/	/	<=30	Pass
		Inner_Full	21.08	/	/	19.40	/	/	<=30	Pass
		Inner_1RB_Left	22.58	/	/	20.90	/	/	<=30	Pass
		Inner_1RB_Right	22.38	/	/	20.70	/	/	<=30	Pass
	3780	Edge_1RB_Left	22.65	/	/	20.97	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	20.78	/	/	<=30	Pass

		Outer_Full	21.06	/	/	19.38	/	/	<=30	Pass
		Inner_Full	21.23	/	/	19.55	/	/	<=30	Pass
		Inner_1RB_Left	22.76	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Right	22.49	/	/	20.81	/	/	<=30	Pass
CP-OFDM 64 QAM	3720	Edge_1RB_Left	22.07	/	/	20.39	/	/	<=30	Pass
		Edge_1RB_Right	21.68	/	/	20.00	/	/	<=30	Pass
		Outer_Full	20.31	/	/	18.63	/	/	<=30	Pass
		Inner_Full	20.45	/	/	18.77	/	/	<=30	Pass
		Inner_1RB_Left	22.01	/	/	20.33	/	/	<=30	Pass
		Inner_1RB_Right	21.74	/	/	20.06	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.33	/	/	20.65	/	/	<=30	Pass
		Edge_1RB_Right	21.96	/	/	20.28	/	/	<=30	Pass
		Outer_Full	20.39	/	/	18.71	/	/	<=30	Pass
		Inner_Full	20.57	/	/	18.89	/	/	<=30	Pass
		Inner_1RB_Left	22.23	/	/	20.55	/	/	<=30	Pass
		Inner_1RB_Right	22.19	/	/	20.51	/	/	<=30	Pass
	3780	Edge_1RB_Left	22.48	/	/	20.80	/	/	<=30	Pass
		Edge_1RB_Right	22.07	/	/	20.39	/	/	<=30	Pass
		Outer_Full	20.51	/	/	18.83	/	/	<=30	Pass
		Inner_Full	20.62	/	/	18.94	/	/	<=30	Pass
		Inner_1RB_Left	22.32	/	/	20.64	/	/	<=30	Pass
		Inner_1RB_Right	22.04	/	/	20.36	/	/	<=30	Pass
CP-OFDM 256 QAM	3720	Edge_1RB_Left	19.43	/	/	17.75	/	/	<=30	Pass
		Edge_1RB_Right	18.80	/	/	17.12	/	/	<=30	Pass
		Outer_Full	17.81	/	/	16.13	/	/	<=30	Pass
		Inner_Full	17.48	/	/	15.80	/	/	<=30	Pass
		Inner_1RB_Left	19.31	/	/	17.63	/	/	<=30	Pass
		Inner_1RB_Right	18.84	/	/	17.16	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.61	/	/	17.93	/	/	<=30	Pass
		Edge_1RB_Right	1.62	/	/	-0.06	/	/	<=30	Pass
		Outer_Full	17.81	/	/	16.13	/	/	<=30	Pass
		Inner_Full	17.54	/	/	15.86	/	/	<=30	Pass
		Inner_1RB_Left	19.57	/	/	17.89	/	/	<=30	Pass
		Inner_1RB_Right	19.23	/	/	17.55	/	/	<=30	Pass
	3780	Edge_1RB_Left	19.34	/	/	17.66	/	/	<=30	Pass
		Edge_1RB_Right	18.84	/	/	17.16	/	/	<=30	Pass
		Outer_Full	17.61	/	/	15.93	/	/	<=30	Pass
		Inner_Full	17.38	/	/	15.70	/	/	<=30	Pass
		Inner_1RB_Left	19.41	/	/	17.73	/	/	<=30	Pass
		Inner_1RB_Right	19.08	/	/	17.40	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 15k_SISO_50MHz_NTNV_EIRP

5G NR n78a SCS=15kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3725.01	Edge_1RB_Left	21.37	/	/	19.69	/	/	<=30	Pass
		Edge_1RB_Right	21.30	/	/	19.62	/	/	<=30	Pass
		Outer_Full	22.35	/	/	20.67	/	/	<=30	Pass
		Inner_Full	22.77	/	/	21.09	/	/	<=30	Pass
		Inner_1RB_Left	23.02	/	/	21.34	/	/	<=30	Pass
		Inner_1RB_Right	23.23	/	/	21.55	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.46	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	21.16	/	/	19.48	/	/	<=30	Pass
		Outer_Full	22.49	/	/	20.81	/	/	<=30	Pass

		Inner_Full	22.74	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Left	23.20	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Right	23.07	/	/	21.39	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	21.85	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	21.34	/	/	19.66	/	/	<=30	Pass
		Outer_Full	22.80	/	/	21.12	/	/	<=30	Pass
		Inner_Full	23.03	/	/	21.35	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	21.84	/	/	<=30	Pass
		Inner_1RB_Right	23.16	/	/	21.48	/	/	<=30	Pass
		Edge_1RB_Left	21.38	/	/	19.70	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3725.01	Edge_1RB_Right	21.36	/	/	19.68	/	/	<=30	Pass
		Outer_Full	21.47	/	/	19.79	/	/	<=30	Pass
		Inner_Full	21.65	/	/	19.97	/	/	<=30	Pass
		Inner_1RB_Left	21.79	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Right	21.95	/	/	20.27	/	/	<=30	Pass
		Edge_1RB_Left	21.54	/	/	19.86	/	/	<=30	Pass
	3750	Edge_1RB_Right	21.23	/	/	19.55	/	/	<=30	Pass
		Outer_Full	21.49	/	/	19.81	/	/	<=30	Pass
		Inner_Full	21.72	/	/	20.04	/	/	<=30	Pass
		Inner_1RB_Left	22.07	/	/	20.39	/	/	<=30	Pass
		Inner_1RB_Right	21.91	/	/	20.23	/	/	<=30	Pass
		Edge_1RB_Left	21.48	/	/	19.80	/	/	<=30	Pass
	3774.99	Edge_1RB_Right	21.03	/	/	19.35	/	/	<=30	Pass
		Outer_Full	21.75	/	/	20.07	/	/	<=30	Pass
		Inner_Full	22.06	/	/	20.38	/	/	<=30	Pass
		Inner_1RB_Left	22.42	/	/	20.74	/	/	<=30	Pass
		Inner_1RB_Right	22.24	/	/	20.56	/	/	<=30	Pass
		Edge_1RB_Left	20.93	/	/	19.25	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3725.01	Edge_1RB_Right	20.89	/	/	19.21	/	/	<=30	Pass
		Outer_Full	21.04	/	/	19.36	/	/	<=30	Pass
		Inner_Full	20.86	/	/	19.18	/	/	<=30	Pass
		Inner_1RB_Left	20.93	/	/	19.25	/	/	<=30	Pass
		Inner_1RB_Right	20.98	/	/	19.30	/	/	<=30	Pass
		Edge_1RB_Left	21.13	/	/	19.45	/	/	<=30	Pass
	3750	Edge_1RB_Right	20.78	/	/	19.10	/	/	<=30	Pass
		Outer_Full	21.08	/	/	19.40	/	/	<=30	Pass
		Inner_Full	20.80	/	/	19.12	/	/	<=30	Pass
		Inner_1RB_Left	21.11	/	/	19.43	/	/	<=30	Pass
		Inner_1RB_Right	20.73	/	/	19.05	/	/	<=30	Pass
		Edge_1RB_Left	21.50	/	/	19.82	/	/	<=30	Pass
	3774.99	Edge_1RB_Right	21.08	/	/	19.40	/	/	<=30	Pass
		Outer_Full	21.22	/	/	19.54	/	/	<=30	Pass
		Inner_Full	21.04	/	/	19.36	/	/	<=30	Pass
		Inner_1RB_Left	21.51	/	/	19.83	/	/	<=30	Pass
		Inner_1RB_Right	21.18	/	/	19.50	/	/	<=30	Pass
		Edge_1RB_Left	19.38	/	/	17.70	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3725.01	Edge_1RB_Right	19.26	/	/	17.58	/	/	<=30	Pass
		Outer_Full	19.04	/	/	17.36	/	/	<=30	Pass
		Inner_Full	18.91	/	/	17.23	/	/	<=30	Pass
		Inner_1RB_Left	19.39	/	/	17.71	/	/	<=30	Pass
		Inner_1RB_Right	19.37	/	/	17.69	/	/	<=30	Pass
		Edge_1RB_Left	19.79	/	/	18.11	/	/	<=30	Pass
	3750	Edge_1RB_Right	19.42	/	/	17.74	/	/	<=30	Pass
		Outer_Full	19.27	/	/	17.59	/	/	<=30	Pass
		Inner_Full	19.03	/	/	17.35	/	/	<=30	Pass
		Inner_1RB_Left	19.80	/	/	18.12	/	/	<=30	Pass
		Inner_1RB_Right	19.52	/	/	17.84	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	19.90	/	/	18.22	/	/	<=30	Pass
		Edge_1RB_Right	19.47	/	/	17.79	/	/	<=30	Pass

		Outer_Full	19.45	/	/	17.77	/	/	<=30	Pass
		Inner_Full	19.32	/	/	17.64	/	/	<=30	Pass
		Inner_1RB_Left	19.91	/	/	18.23	/	/	<=30	Pass
		Inner_1RB_Right	19.58	/	/	17.90	/	/	<=30	Pass
CP-OFDM QPSK	3725.01	Edge_1RB_Left	20.98	/	/	19.30	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	20.59	/	/	<=30	Pass
		Outer_Full	20.36	/	/	18.68	/	/	<=30	Pass
		Inner_Full	21.04	/	/	19.36	/	/	<=30	Pass
		Inner_1RB_Left	21.25	/	/	19.57	/	/	<=30	Pass
		Inner_1RB_Right	22.20	/	/	20.52	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.19	/	/	19.51	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	20.72	/	/	<=30	Pass
		Outer_Full	20.53	/	/	18.85	/	/	<=30	Pass
		Inner_Full	21.06	/	/	19.38	/	/	<=30	Pass
		Inner_1RB_Left	21.56	/	/	19.88	/	/	<=30	Pass
		Inner_1RB_Right	22.34	/	/	20.66	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	21.56	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	20.91	/	/	<=30	Pass
		Outer_Full	20.73	/	/	19.05	/	/	<=30	Pass
		Inner_Full	21.32	/	/	19.64	/	/	<=30	Pass
		Inner_1RB_Left	21.94	/	/	20.26	/	/	<=30	Pass
		Inner_1RB_Right	22.53	/	/	20.85	/	/	<=30	Pass
CP-OFDM 16 QAM	3725.01	Edge_1RB_Left	20.81	/	/	19.13	/	/	<=30	Pass
		Edge_1RB_Right	21.87	/	/	20.19	/	/	<=30	Pass
		Outer_Full	20.43	/	/	18.75	/	/	<=30	Pass
		Inner_Full	20.66	/	/	18.98	/	/	<=30	Pass
		Inner_1RB_Left	20.81	/	/	19.13	/	/	<=30	Pass
		Inner_1RB_Right	21.76	/	/	20.08	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.35	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	22.02	/	/	20.34	/	/	<=30	Pass
		Outer_Full	20.41	/	/	18.73	/	/	<=30	Pass
		Inner_Full	20.80	/	/	19.12	/	/	<=30	Pass
		Inner_1RB_Left	21.02	/	/	19.34	/	/	<=30	Pass
		Inner_1RB_Right	22.06	/	/	20.38	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	21.27	/	/	19.59	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	20.73	/	/	<=30	Pass
		Outer_Full	20.77	/	/	19.09	/	/	<=30	Pass
		Inner_Full	14.55	/	/	12.87	/	/	<=30	Pass
		Inner_1RB_Left	21.53	/	/	19.85	/	/	<=30	Pass
		Inner_1RB_Right	22.55	/	/	20.87	/	/	<=30	Pass
CP-OFDM 64 QAM	3725.01	Edge_1RB_Left	20.62	/	/	18.94	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	19.92	/	/	<=30	Pass
		Outer_Full	19.83	/	/	18.15	/	/	<=30	Pass
		Inner_Full	20.14	/	/	18.46	/	/	<=30	Pass
		Inner_1RB_Left	20.61	/	/	18.93	/	/	<=30	Pass
		Inner_1RB_Right	21.56	/	/	19.88	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.53	/	/	18.85	/	/	<=30	Pass
		Edge_1RB_Right	21.45	/	/	19.77	/	/	<=30	Pass
		Outer_Full	20.06	/	/	18.38	/	/	<=30	Pass
		Inner_Full	20.28	/	/	18.60	/	/	<=30	Pass
		Inner_1RB_Left	20.59	/	/	18.91	/	/	<=30	Pass
		Inner_1RB_Right	21.34	/	/	19.66	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	20.79	/	/	19.11	/	/	<=30	Pass
		Edge_1RB_Right	21.46	/	/	19.78	/	/	<=30	Pass
		Outer_Full	20.31	/	/	18.63	/	/	<=30	Pass
		Inner_Full	20.46	/	/	18.78	/	/	<=30	Pass
		Inner_1RB_Left	20.77	/	/	19.09	/	/	<=30	Pass
		Inner_1RB_Right	21.41	/	/	19.73	/	/	<=30	Pass
CP-OFDM 256 QAM	3725.01	Edge_1RB_Left	17.74	/	/	16.06	/	/	<=30	Pass

		Edge_1RB_Right	18.59	/	/	16.91	/	/	<=30	Pass
		Outer_Full	17.22	/	/	15.54	/	/	<=30	Pass
		Inner_Full	17.15	/	/	15.47	/	/	<=30	Pass
		Inner_1RB_Left	17.74	/	/	16.06	/	/	<=30	Pass
		Inner_1RB_Right	1.01	/	/	-0.67	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.14	/	/	16.46	/	/	<=30	Pass
		Edge_1RB_Right	18.88	/	/	17.20	/	/	<=30	Pass
		Outer_Full	17.45	/	/	15.77	/	/	<=30	Pass
		Inner_Full	17.28	/	/	15.60	/	/	<=30	Pass
		Inner_1RB_Left	18.14	/	/	16.46	/	/	<=30	Pass
		Inner_1RB_Right	18.88	/	/	17.20	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	17.98	/	/	16.30	/	/	<=30	Pass
		Edge_1RB_Right	18.63	/	/	16.95	/	/	<=30	Pass
		Outer_Full	17.36	/	/	15.68	/	/	<=30	Pass
		Inner_Full	17.28	/	/	15.60	/	/	<=30	Pass
		Inner_1RB_Left	17.98	/	/	16.30	/	/	<=30	Pass
		Inner_1RB_Right	18.62	/	/	16.94	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 30k_SISO_10MHz_NTNV_EIRP

5G NR n78a 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	3705	Edge_1RB_Left	22.91	/	/	21.23	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	21.13	/	/	<=30	Pass
		Outer_Full	23.72	/	/	22.04	/	/	<=30	Pass
		Inner_Full	24.57	/	/	22.89	/	/	<=30	Pass
		Inner_1RB_Left	24.50	/	/	22.82	/	/	<=30	Pass
		Inner_1RB_Right	24.77	/	/	23.09	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.24	/	/	21.56	/	/	<=30	Pass
		Edge_1RB_Right	23.15	/	/	21.47	/	/	<=30	Pass
		Outer_Full	23.97	/	/	22.29	/	/	<=30	Pass
		Inner_Full	24.85	/	/	23.17	/	/	<=30	Pass
		Inner_1RB_Left	24.88	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Right	25.14	/	/	23.46	/	/	<=30	Pass
	3795	Edge_1RB_Left	23.18	/	/	21.50	/	/	<=30	Pass
		Edge_1RB_Right	23.08	/	/	21.40	/	/	<=30	Pass
		Outer_Full	23.88	/	/	22.20	/	/	<=30	Pass
		Inner_Full	24.82	/	/	23.14	/	/	<=30	Pass
		Inner_1RB_Left	24.83	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Right	25.12	/	/	23.44	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3705	Edge_1RB_Left	23.10	/	/	21.42	/	/	<=30	Pass
		Edge_1RB_Right	23.05	/	/	21.37	/	/	<=30	Pass
		Outer_Full	22.83	/	/	21.15	/	/	<=30	Pass
		Inner_Full	23.79	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Left	23.84	/	/	22.16	/	/	<=30	Pass
		Inner_1RB_Right	24.09	/	/	22.41	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.47	/	/	21.79	/	/	<=30	Pass
		Edge_1RB_Right	23.34	/	/	21.66	/	/	<=30	Pass
		Outer_Full	23.13	/	/	21.45	/	/	<=30	Pass
		Inner_Full	24.01	/	/	22.33	/	/	<=30	Pass
		Inner_1RB_Left	24.18	/	/	22.50	/	/	<=30	Pass
		Inner_1RB_Right	24.39	/	/	22.71	/	/	<=30	Pass
	3795	Edge_1RB_Left	23.44	/	/	21.76	/	/	<=30	Pass
		Edge_1RB_Right	23.29	/	/	21.61	/	/	<=30	Pass

		Outer_Full	23.11	/	/	21.43	/	/	<=30	Pass
		Inner_Full	24.03	/	/	22.35	/	/	<=30	Pass
		Inner_1RB_Left	24.18	/	/	22.50	/	/	<=30	Pass
		Inner_1RB_Right	24.42	/	/	22.74	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3705	Edge_1RB_Left	23.00	/	/	21.32	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	21.26	/	/	<=30	Pass
		Outer_Full	22.40	/	/	20.72	/	/	<=30	Pass
		Inner_Full	22.76	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Left	22.80	/	/	21.12	/	/	<=30	Pass
		Inner_1RB_Right	23.00	/	/	21.32	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.34	/	/	21.66	/	/	<=30	Pass
		Edge_1RB_Right	23.25	/	/	21.57	/	/	<=30	Pass
		Outer_Full	22.62	/	/	20.94	/	/	<=30	Pass
		Inner_Full	23.00	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Left	23.16	/	/	21.48	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	21.64	/	/	<=30	Pass
	3795	Edge_1RB_Left	23.44	/	/	21.76	/	/	<=30	Pass
		Edge_1RB_Right	23.31	/	/	21.63	/	/	<=30	Pass
		Outer_Full	22.68	/	/	21.00	/	/	<=30	Pass
		Inner_Full	23.11	/	/	21.43	/	/	<=30	Pass
		Inner_1RB_Left	23.26	/	/	21.58	/	/	<=30	Pass
		Inner_1RB_Right	23.38	/	/	21.70	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3705	Edge_1RB_Left	21.16	/	/	19.48	/	/	<=30	Pass
		Edge_1RB_Right	21.09	/	/	19.41	/	/	<=30	Pass
		Outer_Full	20.59	/	/	18.91	/	/	<=30	Pass
		Inner_Full	20.95	/	/	19.27	/	/	<=30	Pass
		Inner_1RB_Left	20.95	/	/	19.27	/	/	<=30	Pass
		Inner_1RB_Right	21.15	/	/	19.47	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.63	/	/	19.95	/	/	<=30	Pass
		Edge_1RB_Right	21.49	/	/	19.81	/	/	<=30	Pass
		Outer_Full	20.90	/	/	19.22	/	/	<=30	Pass
		Inner_Full	21.32	/	/	19.64	/	/	<=30	Pass
		Inner_1RB_Left	21.38	/	/	19.70	/	/	<=30	Pass
		Inner_1RB_Right	21.57	/	/	19.89	/	/	<=30	Pass
	3795	Edge_1RB_Left	21.69	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Right	21.54	/	/	19.86	/	/	<=30	Pass
		Outer_Full	20.98	/	/	19.30	/	/	<=30	Pass
		Inner_Full	21.41	/	/	19.73	/	/	<=30	Pass
		Inner_1RB_Left	21.51	/	/	19.83	/	/	<=30	Pass
		Inner_1RB_Right	21.63	/	/	19.95	/	/	<=30	Pass
CP-OFDM QPSK	3705	Edge_1RB_Left	22.66	/	/	20.98	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	20.98	/	/	<=30	Pass
		Outer_Full	21.82	/	/	20.14	/	/	<=30	Pass
		Inner_Full	23.09	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Left	22.95	/	/	21.27	/	/	<=30	Pass
		Inner_1RB_Right	23.20	/	/	21.52	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.06	/	/	21.38	/	/	<=30	Pass
		Edge_1RB_Right	23.11	/	/	21.43	/	/	<=30	Pass
		Outer_Full	22.15	/	/	20.47	/	/	<=30	Pass
		Inner_Full	23.34	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Left	23.29	/	/	21.61	/	/	<=30	Pass
		Inner_1RB_Right	23.59	/	/	21.91	/	/	<=30	Pass
	3795	Edge_1RB_Left	23.26	/	/	21.58	/	/	<=30	Pass
		Edge_1RB_Right	23.18	/	/	21.50	/	/	<=30	Pass
		Outer_Full	22.28	/	/	20.60	/	/	<=30	Pass
		Inner_Full	23.55	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	21.91	/	/	<=30	Pass
		Inner_1RB_Right	23.76	/	/	22.08	/	/	<=30	Pass
CP-OFDM 16 QAM	3705	Edge_1RB_Left	22.91	/	/	21.23	/	/	<=30	Pass

		Edge_1RB_Right	22.78	/	/	21.10	/	/	<=30	Pass	
		Outer_Full	21.84	/	/	20.16	/	/	<=30	Pass	
		Inner_Full	22.63	/	/	20.95	/	/	<=30	Pass	
		Inner_1RB_Left	22.74	/	/	21.06	/	/	<=30	Pass	
		Inner_1RB_Right	22.98	/	/	21.30	/	/	<=30	Pass	
	3750	Edge_1RB_Left	23.31	/	/	21.63	/	/	<=30	Pass	
		Edge_1RB_Right	23.28	/	/	21.60	/	/	<=30	Pass	
		Outer_Full	22.15	/	/	20.47	/	/	<=30	Pass	
		Inner_Full	22.95	/	/	21.27	/	/	<=30	Pass	
		Inner_1RB_Left	23.16	/	/	21.48	/	/	<=30	Pass	
		Inner_1RB_Right	23.34	/	/	21.66	/	/	<=30	Pass	
		3795	Edge_1RB_Left	23.56	/	/	21.88	/	/	<=30	Pass
			Edge_1RB_Right	23.45	/	/	21.77	/	/	<=30	Pass
			Outer_Full	22.32	/	/	20.64	/	/	<=30	Pass
			Inner_Full	23.14	/	/	21.46	/	/	<=30	Pass
	Inner_1RB_Left		23.40	/	/	21.72	/	/	<=30	Pass	
	CP-OFDM 64 QAM		Inner_1RB_Right	23.55	/	/	21.87	/	/	<=30	Pass
3705			Edge_1RB_Left	22.54	/	/	20.86	/	/	<=30	Pass
			Edge_1RB_Right	22.51	/	/	20.83	/	/	<=30	Pass
			Outer_Full	21.35	/	/	19.67	/	/	<=30	Pass
			Inner_Full	22.16	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Left	22.41	/	/	20.73	/	/	<=30	Pass	
3750		Inner_1RB_Right	22.62	/	/	20.94	/	/	<=30	Pass	
		Edge_1RB_Left	22.98	/	/	21.30	/	/	<=30	Pass	
		Edge_1RB_Right	22.90	/	/	21.22	/	/	<=30	Pass	
		Outer_Full	21.73	/	/	20.05	/	/	<=30	Pass	
		Inner_Full	22.44	/	/	20.76	/	/	<=30	Pass	
3795		Inner_1RB_Left	22.74	/	/	21.06	/	/	<=30	Pass	
		Inner_1RB_Right	22.96	/	/	21.28	/	/	<=30	Pass	
		Edge_1RB_Left	23.16	/	/	21.48	/	/	<=30	Pass	
		Edge_1RB_Right	23.07	/	/	21.39	/	/	<=30	Pass	
		Outer_Full	21.92	/	/	20.24	/	/	<=30	Pass	
CP-OFDM 256 QAM			Inner_Full	22.65	/	/	20.97	/	/	<=30	Pass
	Inner_1RB_Left		22.99	/	/	21.31	/	/	<=30	Pass	
	Inner_1RB_Right		23.13	/	/	21.45	/	/	<=30	Pass	
	3705		Edge_1RB_Left	19.31	/	/	17.63	/	/	<=30	Pass
			Edge_1RB_Right	19.24	/	/	17.56	/	/	<=30	Pass
		Outer_Full	18.68	/	/	17.00	/	/	<=30	Pass	
		Inner_Full	19.21	/	/	17.53	/	/	<=30	Pass	
		Inner_1RB_Left	19.13	/	/	17.45	/	/	<=30	Pass	
	3750	Inner_1RB_Right	19.38	/	/	17.70	/	/	<=30	Pass	
		Edge_1RB_Left	19.82	/	/	18.14	/	/	<=30	Pass	
		Edge_1RB_Right	19.74	/	/	18.06	/	/	<=30	Pass	
		Outer_Full	19.10	/	/	17.42	/	/	<=30	Pass	
		Inner_Full	19.52	/	/	17.84	/	/	<=30	Pass	
	3795	Inner_1RB_Left	19.61	/	/	17.93	/	/	<=30	Pass	
		Inner_1RB_Right	19.86	/	/	18.18	/	/	<=30	Pass	
		Edge_1RB_Left	19.83	/	/	18.15	/	/	<=30	Pass	
		Edge_1RB_Right	19.74	/	/	18.06	/	/	<=30	Pass	
Outer_Full		19.08	/	/	17.40	/	/	<=30	Pass		
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.9 30k_SISO_15MHz_NTNV_EIRP

5G NR n78a 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	3707.52	Edge_1RB_Left	23.70	/	/	22.02	/	/	<=30	Pass
		Edge_1RB_Right	23.95	/	/	22.27	/	/	<=30	Pass
		Outer_Full	24.31	/	/	22.63	/	/	<=30	Pass
		Inner_Full	24.88	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Left	25.25	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Right	25.42	/	/	23.74	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.72	/	/	22.04	/	/	<=30	Pass
		Edge_1RB_Right	24.20	/	/	22.52	/	/	<=30	Pass
		Outer_Full	24.28	/	/	22.60	/	/	<=30	Pass
		Inner_Full	25.08	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Left	25.50	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Right	25.72	/	/	24.04	/	/	<=30	Pass
	3792.48	Edge_1RB_Left	23.79	/	/	22.11	/	/	<=30	Pass
		Edge_1RB_Right	24.06	/	/	22.38	/	/	<=30	Pass
		Outer_Full	24.27	/	/	22.59	/	/	<=30	Pass
		Inner_Full	25.08	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Left	25.52	/	/	23.84	/	/	<=30	Pass
		Inner_1RB_Right	25.60	/	/	23.92	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3707.52	Edge_1RB_Left	23.70	/	/	22.02	/	/	<=30	Pass
		Edge_1RB_Right	24.01	/	/	22.33	/	/	<=30	Pass
		Outer_Full	23.24	/	/	21.56	/	/	<=30	Pass
		Inner_Full	24.04	/	/	22.36	/	/	<=30	Pass
		Inner_1RB_Left	24.51	/	/	22.83	/	/	<=30	Pass
		Inner_1RB_Right	24.68	/	/	23.00	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.81	/	/	22.13	/	/	<=30	Pass
		Edge_1RB_Right	24.10	/	/	22.42	/	/	<=30	Pass
		Outer_Full	23.41	/	/	21.73	/	/	<=30	Pass
		Inner_Full	24.16	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Left	24.68	/	/	23.00	/	/	<=30	Pass
		Inner_1RB_Right	24.95	/	/	23.27	/	/	<=30	Pass
	3792.48	Edge_1RB_Left	23.90	/	/	22.22	/	/	<=30	Pass
		Edge_1RB_Right	24.11	/	/	22.43	/	/	<=30	Pass
		Outer_Full	23.47	/	/	21.79	/	/	<=30	Pass
		Inner_Full	24.15	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Left	24.81	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Right	24.90	/	/	23.22	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3707.52	Edge_1RB_Left	23.81	/	/	22.13	/	/	<=30	Pass
		Edge_1RB_Right	24.05	/	/	22.37	/	/	<=30	Pass
		Outer_Full	22.81	/	/	21.13	/	/	<=30	Pass
		Inner_Full	23.10	/	/	21.42	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	22.09	/	/	<=30	Pass
		Inner_1RB_Right	23.94	/	/	22.26	/	/	<=30	Pass
	3750	Edge_1RB_Left	24.02	/	/	22.34	/	/	<=30	Pass
		Edge_1RB_Right	24.36	/	/	22.68	/	/	<=30	Pass
		Outer_Full	22.93	/	/	21.25	/	/	<=30	Pass
		Inner_Full	23.20	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Left	23.93	/	/	22.25	/	/	<=30	Pass
		Inner_1RB_Right	24.17	/	/	22.49	/	/	<=30	Pass
	3792.48	Edge_1RB_Left	24.09	/	/	22.41	/	/	<=30	Pass
		Edge_1RB_Right	24.29	/	/	22.61	/	/	<=30	Pass
		Outer_Full	22.93	/	/	21.25	/	/	<=30	Pass
		Inner_Full	23.22	/	/	21.54	/	/	<=30	Pass
		Inner_1RB_Left	23.98	/	/	22.30	/	/	<=30	Pass
		Inner_1RB_Right	24.08	/	/	22.40	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3707.52	Edge_1RB_Left	21.88	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	20.49	/	/	<=30	Pass

		Outer_Full	20.98	/	/	19.30	/	/	<=30	Pass
		Inner_Full	21.30	/	/	19.62	/	/	<=30	Pass
		Inner_1RB_Left	21.78	/	/	20.10	/	/	<=30	Pass
		Inner_1RB_Right	21.97	/	/	20.29	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.12	/	/	20.44	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	20.77	/	/	<=30	Pass
		Outer_Full	21.16	/	/	19.48	/	/	<=30	Pass
		Inner_Full	21.51	/	/	19.83	/	/	<=30	Pass
		Inner_1RB_Left	22.06	/	/	20.38	/	/	<=30	Pass
		Inner_1RB_Right	22.31	/	/	20.63	/	/	<=30	Pass
	3792.48	Edge_1RB_Left	22.22	/	/	20.54	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	20.73	/	/	<=30	Pass
		Outer_Full	21.21	/	/	19.53	/	/	<=30	Pass
		Inner_Full	21.50	/	/	19.82	/	/	<=30	Pass
		Inner_1RB_Left	22.08	/	/	20.40	/	/	<=30	Pass
		Inner_1RB_Right	22.27	/	/	20.59	/	/	<=30	Pass
CP-OFDM QPSK	3707.52	Edge_1RB_Left	23.43	/	/	21.75	/	/	<=30	Pass
		Edge_1RB_Right	23.74	/	/	22.06	/	/	<=30	Pass
		Outer_Full	22.38	/	/	20.70	/	/	<=30	Pass
		Inner_Full	23.39	/	/	21.71	/	/	<=30	Pass
		Inner_1RB_Left	23.83	/	/	22.15	/	/	<=30	Pass
		Inner_1RB_Right	24.09	/	/	22.41	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.60	/	/	21.92	/	/	<=30	Pass
		Edge_1RB_Right	24.08	/	/	22.40	/	/	<=30	Pass
		Outer_Full	22.60	/	/	20.92	/	/	<=30	Pass
		Inner_Full	23.59	/	/	21.91	/	/	<=30	Pass
		Inner_1RB_Left	24.09	/	/	22.41	/	/	<=30	Pass
		Inner_1RB_Right	24.39	/	/	22.71	/	/	<=30	Pass
	3792.48	Edge_1RB_Left	23.79	/	/	22.11	/	/	<=30	Pass
		Edge_1RB_Right	23.98	/	/	22.30	/	/	<=30	Pass
		Outer_Full	22.60	/	/	20.92	/	/	<=30	Pass
		Inner_Full	23.57	/	/	21.89	/	/	<=30	Pass
		Inner_1RB_Left	24.16	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Right	24.31	/	/	22.63	/	/	<=30	Pass
CP-OFDM 16 QAM	3707.52	Edge_1RB_Left	23.46	/	/	21.78	/	/	<=30	Pass
		Edge_1RB_Right	23.74	/	/	22.06	/	/	<=30	Pass
		Outer_Full	22.39	/	/	20.71	/	/	<=30	Pass
		Inner_Full	22.95	/	/	21.27	/	/	<=30	Pass
		Inner_1RB_Left	23.40	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Right	23.68	/	/	22.00	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.67	/	/	21.99	/	/	<=30	Pass
		Edge_1RB_Right	24.02	/	/	22.34	/	/	<=30	Pass
		Outer_Full	22.57	/	/	20.89	/	/	<=30	Pass
		Inner_Full	23.14	/	/	21.46	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	21.91	/	/	<=30	Pass
		Inner_1RB_Right	23.92	/	/	22.24	/	/	<=30	Pass
	3792.48	Edge_1RB_Left	23.71	/	/	22.03	/	/	<=30	Pass
		Edge_1RB_Right	23.91	/	/	22.23	/	/	<=30	Pass
		Outer_Full	22.53	/	/	20.85	/	/	<=30	Pass
		Inner_Full	23.09	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Left	23.53	/	/	21.85	/	/	<=30	Pass
		Inner_1RB_Right	23.75	/	/	22.07	/	/	<=30	Pass
CP-OFDM 64 QAM	3707.52	Edge_1RB_Left	23.02	/	/	21.34	/	/	<=30	Pass
		Edge_1RB_Right	23.33	/	/	21.65	/	/	<=30	Pass
		Outer_Full	21.92	/	/	20.24	/	/	<=30	Pass
		Inner_Full	22.50	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Left	23.00	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Right	23.26	/	/	21.58	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.21	/	/	21.53	/	/	<=30	Pass

CP-OFDM 256 QAM		Edge 1RB Right	23.60	/	/	21.92	/	/	<=30	Pass
		Outer Full	22.11	/	/	20.43	/	/	<=30	Pass
		Inner Full	22.67	/	/	20.99	/	/	<=30	Pass
		Inner 1RB Left	23.16	/	/	21.48	/	/	<=30	Pass
		Inner 1RB Right	23.52	/	/	21.84	/	/	<=30	Pass
	3792.48	Edge 1RB Left	23.30	/	/	21.62	/	/	<=30	Pass
		Edge 1RB Right	23.54	/	/	21.86	/	/	<=30	Pass
		Outer Full	22.08	/	/	20.40	/	/	<=30	Pass
		Inner Full	22.66	/	/	20.98	/	/	<=30	Pass
		Inner 1RB Left	23.30	/	/	21.62	/	/	<=30	Pass
		Inner 1RB Right	23.45	/	/	21.77	/	/	<=30	Pass
	3707.52	Edge 1RB Left	20.06	/	/	18.38	/	/	<=30	Pass
		Edge 1RB Right	20.32	/	/	18.64	/	/	<=30	Pass
		Outer Full	19.20	/	/	17.52	/	/	<=30	Pass
		Inner Full	19.62	/	/	17.94	/	/	<=30	Pass
		Inner 1RB Left	20.03	/	/	18.35	/	/	<=30	Pass
		Inner 1RB Right	20.24	/	/	18.56	/	/	<=30	Pass
	3750	Edge 1RB Left	20.34	/	/	18.66	/	/	<=30	Pass
		Edge 1RB Right	20.72	/	/	19.04	/	/	<=30	Pass
		Outer Full	19.48	/	/	17.80	/	/	<=30	Pass
		Inner Full	19.82	/	/	18.14	/	/	<=30	Pass
		Inner 1RB Left	20.29	/	/	18.61	/	/	<=30	Pass
		Inner 1RB Right	20.60	/	/	18.92	/	/	<=30	Pass
	3792.48	Edge 1RB Left	20.36	/	/	18.68	/	/	<=30	Pass
		Edge 1RB Right	20.56	/	/	18.88	/	/	<=30	Pass
		Outer Full	19.34	/	/	17.66	/	/	<=30	Pass
		Inner Full	19.76	/	/	18.08	/	/	<=30	Pass
		Inner 1RB Left	20.26	/	/	18.58	/	/	<=30	Pass
		Inner 1RB Right	20.44	/	/	18.76	/	/	<=30	Pass

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

1.1.10 30k_SISO_20MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 20MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3710.01	Edge 1RB Left	24.13	/	/	22.45	/	/	<=30	Pass
		Edge 1RB Right	24.41	/	/	22.73	/	/	<=30	Pass
		Outer Full	24.60	/	/	22.92	/	/	<=30	Pass
		Inner Full	25.10	/	/	23.42	/	/	<=30	Pass
		Inner 1RB Left	25.75	/	/	24.07	/	/	<=30	Pass
		Inner 1RB Right	25.89	/	/	24.21	/	/	<=30	Pass
	3750	Edge 1RB Left	24.09	/	/	22.41	/	/	<=30	Pass
		Edge 1RB Right	24.51	/	/	22.83	/	/	<=30	Pass
		Outer Full	24.49	/	/	22.81	/	/	<=30	Pass
		Inner Full	25.17	/	/	23.49	/	/	<=30	Pass
		Inner 1RB Left	25.76	/	/	24.08	/	/	<=30	Pass
		Inner 1RB Right	26.11	/	/	24.43	/	/	<=30	Pass
	3789.99	Edge 1RB Left	18.46	/	/	16.78	/	/	<=30	Pass
		Edge 1RB Right	18.74	/	/	17.06	/	/	<=30	Pass
		Outer Full	18.82	/	/	17.14	/	/	<=30	Pass
		Inner Full	19.42	/	/	17.74	/	/	<=30	Pass
		Inner 1RB Left	20.13	/	/	18.45	/	/	<=30	Pass
		Inner 1RB Right	20.36	/	/	18.68	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Edge 1RB Left	24.20	/	/	22.52	/	/	<=30	Pass
		Edge 1RB Right	24.55	/	/	22.87	/	/	<=30	Pass

		Outer_Full	23.61	/	/	21.93	/	/	<=30	Pass
		Inner_Full	24.20	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Left	25.05	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Right	25.15	/	/	23.47	/	/	<=30	Pass
	3750	Edge_1RB_Left	24.13	/	/	22.45	/	/	<=30	Pass
		Edge_1RB_Right	24.36	/	/	22.68	/	/	<=30	Pass
		Outer_Full	23.62	/	/	21.94	/	/	<=30	Pass
		Inner_Full	24.24	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Left	25.07	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Right	25.41	/	/	23.73	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	18.32	/	/	16.64	/	/	<=30	Pass
		Edge_1RB_Right	18.61	/	/	16.93	/	/	<=30	Pass
		Outer_Full	17.92	/	/	16.24	/	/	<=30	Pass
		Inner_Full	18.48	/	/	16.80	/	/	<=30	Pass
		Inner_1RB_Left	19.39	/	/	17.71	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3710.01	Inner_1RB_Right	19.54	/	/	17.86	/	/	<=30	Pass
		Edge_1RB_Left	24.10	/	/	22.42	/	/	<=30	Pass
		Edge_1RB_Right	24.35	/	/	22.67	/	/	<=30	Pass
		Outer_Full	23.11	/	/	21.43	/	/	<=30	Pass
		Inner_Full	23.28	/	/	21.60	/	/	<=30	Pass
		Inner_1RB_Left	24.13	/	/	22.45	/	/	<=30	Pass
	3750	Inner_1RB_Right	24.22	/	/	22.54	/	/	<=30	Pass
		Edge_1RB_Left	24.08	/	/	22.40	/	/	<=30	Pass
		Edge_1RB_Right	24.53	/	/	22.85	/	/	<=30	Pass
		Outer_Full	23.12	/	/	21.44	/	/	<=30	Pass
		Inner_Full	23.30	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Left	24.11	/	/	22.43	/	/	<=30	Pass
	3789.99	Inner_1RB_Right	24.35	/	/	22.67	/	/	<=30	Pass
		Edge_1RB_Left	18.54	/	/	16.86	/	/	<=30	Pass
		Edge_1RB_Right	18.79	/	/	17.11	/	/	<=30	Pass
		Outer_Full	17.37	/	/	15.69	/	/	<=30	Pass
		Inner_Full	17.53	/	/	15.85	/	/	<=30	Pass
		Inner_1RB_Left	18.51	/	/	16.83	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3710.01	Inner_1RB_Right	18.70	/	/	17.02	/	/	<=30	Pass
		Edge_1RB_Left	22.29	/	/	20.61	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	20.88	/	/	<=30	Pass
		Outer_Full	21.29	/	/	19.61	/	/	<=30	Pass
		Inner_Full	21.44	/	/	19.76	/	/	<=30	Pass
		Inner_1RB_Left	22.38	/	/	20.70	/	/	<=30	Pass
	3750	Inner_1RB_Right	22.45	/	/	20.77	/	/	<=30	Pass
		Edge_1RB_Left	22.27	/	/	20.59	/	/	<=30	Pass
		Edge_1RB_Right	22.78	/	/	21.10	/	/	<=30	Pass
		Outer_Full	21.33	/	/	19.65	/	/	<=30	Pass
		Inner_Full	21.53	/	/	19.85	/	/	<=30	Pass
		Inner_1RB_Left	22.35	/	/	20.67	/	/	<=30	Pass
	3789.99	Inner_1RB_Right	22.65	/	/	20.97	/	/	<=30	Pass
		Edge_1RB_Left	16.82	/	/	15.14	/	/	<=30	Pass
		Edge_1RB_Right	17.07	/	/	15.39	/	/	<=30	Pass
		Outer_Full	15.71	/	/	14.03	/	/	<=30	Pass
		Inner_Full	15.81	/	/	14.13	/	/	<=30	Pass
		Inner_1RB_Left	16.77	/	/	15.09	/	/	<=30	Pass
CP-OFDM QPSK	3710.01	Inner_1RB_Right	16.90	/	/	15.22	/	/	<=30	Pass
		Edge_1RB_Left	23.68	/	/	22.00	/	/	<=30	Pass
		Edge_1RB_Right	24.08	/	/	22.40	/	/	<=30	Pass
		Outer_Full	22.61	/	/	20.93	/	/	<=30	Pass
		Inner_Full	23.54	/	/	21.86	/	/	<=30	Pass
		Inner_1RB_Left	24.22	/	/	22.54	/	/	<=30	Pass
	3750	Inner_1RB_Right	24.40	/	/	22.72	/	/	<=30	Pass
		Edge_1RB_Left	23.77	/	/	22.09	/	/	<=30	Pass

		Edge_1RB_Right	24.27	/	/	22.59	/	/	<=30	Pass
		Outer_Full	22.73	/	/	21.05	/	/	<=30	Pass
		Inner_Full	23.61	/	/	21.93	/	/	<=30	Pass
		Inner_1RB_Left	24.29	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Right	24.61	/	/	22.93	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	18.25	/	/	16.57	/	/	<=30	Pass
		Edge_1RB_Right	18.51	/	/	16.83	/	/	<=30	Pass
		Outer_Full	17.01	/	/	15.33	/	/	<=30	Pass
		Inner_Full	17.96	/	/	16.28	/	/	<=30	Pass
		Inner_1RB_Left	18.84	/	/	17.16	/	/	<=30	Pass
		Inner_1RB_Right	19.00	/	/	17.32	/	/	<=30	Pass
CP-OFDM 16 QAM	3710.01	Edge_1RB_Left	23.72	/	/	22.04	/	/	<=30	Pass
		Edge_1RB_Right	24.24	/	/	22.56	/	/	<=30	Pass
		Outer_Full	22.64	/	/	20.96	/	/	<=30	Pass
		Inner_Full	23.03	/	/	21.35	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	22.09	/	/	<=30	Pass
		Inner_1RB_Right	23.93	/	/	22.25	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.96	/	/	22.28	/	/	<=30	Pass
		Edge_1RB_Right	24.45	/	/	22.77	/	/	<=30	Pass
		Outer_Full	22.71	/	/	21.03	/	/	<=30	Pass
		Inner_Full	23.19	/	/	21.51	/	/	<=30	Pass
		Inner_1RB_Left	23.98	/	/	22.30	/	/	<=30	Pass
		Inner_1RB_Right	24.15	/	/	22.47	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	18.21	/	/	16.53	/	/	<=30	Pass
		Edge_1RB_Right	18.55	/	/	16.87	/	/	<=30	Pass
		Outer_Full	17.06	/	/	15.38	/	/	<=30	Pass
		Inner_Full	17.49	/	/	15.81	/	/	<=30	Pass
		Inner_1RB_Left	18.23	/	/	16.55	/	/	<=30	Pass
		Inner_1RB_Right	18.36	/	/	16.68	/	/	<=30	Pass
CP-OFDM 64 QAM	3710.01	Edge_1RB_Left	23.55	/	/	21.87	/	/	<=30	Pass
		Edge_1RB_Right	23.90	/	/	22.22	/	/	<=30	Pass
		Outer_Full	22.15	/	/	20.47	/	/	<=30	Pass
		Inner_Full	22.63	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Left	23.60	/	/	21.92	/	/	<=30	Pass
		Inner_1RB_Right	23.76	/	/	22.08	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.64	/	/	21.96	/	/	<=30	Pass
		Edge_1RB_Right	24.11	/	/	22.43	/	/	<=30	Pass
		Outer_Full	22.26	/	/	20.58	/	/	<=30	Pass
		Inner_Full	22.74	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Left	23.69	/	/	22.01	/	/	<=30	Pass
		Inner_1RB_Right	23.98	/	/	22.30	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	17.95	/	/	16.27	/	/	<=30	Pass
		Edge_1RB_Right	18.22	/	/	16.54	/	/	<=30	Pass
		Outer_Full	16.61	/	/	14.93	/	/	<=30	Pass
		Inner_Full	17.02	/	/	15.34	/	/	<=30	Pass
		Inner_1RB_Left	17.91	/	/	16.23	/	/	<=30	Pass
		Inner_1RB_Right	18.08	/	/	16.40	/	/	<=30	Pass
CP-OFDM 256 QAM	3710.01	Edge_1RB_Left	20.45	/	/	18.77	/	/	<=30	Pass
		Edge_1RB_Right	20.67	/	/	18.99	/	/	<=30	Pass
		Outer_Full	19.44	/	/	17.76	/	/	<=30	Pass
		Inner_Full	19.58	/	/	17.90	/	/	<=30	Pass
		Inner_1RB_Left	20.50	/	/	18.82	/	/	<=30	Pass
		Inner_1RB_Right	20.53	/	/	18.85	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.57	/	/	18.89	/	/	<=30	Pass
		Edge_1RB_Right	21.05	/	/	19.37	/	/	<=30	Pass
		Outer_Full	19.67	/	/	17.99	/	/	<=30	Pass
		Inner_Full	14.14	/	/	12.46	/	/	<=30	Pass
		Inner_1RB_Left	15.01	/	/	13.33	/	/	<=30	Pass
		Inner_1RB_Right	15.22	/	/	13.54	/	/	<=30	Pass

	3789.99	Edge_1RB_Left	14.91	/	/	13.23	/	/	<=30	Pass
		Edge_1RB_Right	15.22	/	/	13.54	/	/	<=30	Pass
		Outer_Full	13.75	/	/	12.07	/	/	<=30	Pass
		Inner_Full	13.90	/	/	12.22	/	/	<=30	Pass
		Inner_1RB_Left	14.93	/	/	13.25	/	/	<=30	Pass
		Inner_1RB_Right	15.03	/	/	13.35	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.11 30k_SISO_25MHz_NTNV_EIRP

5G NR n78a 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	3712.5	Edge_1RB_Left	18.38	/	/	16.70	/	/	<=30	Pass
		Edge_1RB_Right	18.43	/	/	16.75	/	/	<=30	Pass
		Outer_Full	19.66	/	/	17.98	/	/	<=30	Pass
		Inner_Full	20.18	/	/	18.50	/	/	<=30	Pass
		Inner_1RB_Left	20.64	/	/	18.96	/	/	<=30	Pass
		Inner_1RB_Right	20.34	/	/	18.66	/	/	<=30	Pass
	3750	Edge_1RB_Left	17.71	/	/	16.03	/	/	<=30	Pass
		Edge_1RB_Right	17.55	/	/	15.87	/	/	<=30	Pass
		Outer_Full	18.88	/	/	17.20	/	/	<=30	Pass
		Inner_Full	19.30	/	/	17.62	/	/	<=30	Pass
		Inner_1RB_Left	19.78	/	/	18.10	/	/	<=30	Pass
		Inner_1RB_Right	19.59	/	/	17.91	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	13.74	/	/	12.06	/	/	<=30	Pass
		Edge_1RB_Right	14.10	/	/	12.42	/	/	<=30	Pass
		Outer_Full	14.42	/	/	12.74	/	/	<=30	Pass
		Inner_Full	13.82	/	/	12.14	/	/	<=30	Pass
		Inner_1RB_Left	14.11	/	/	12.43	/	/	<=30	Pass
		Inner_1RB_Right	14.22	/	/	12.54	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3712.5	Edge_1RB_Left	18.28	/	/	16.60	/	/	<=30	Pass
		Edge_1RB_Right	18.29	/	/	16.61	/	/	<=30	Pass
		Outer_Full	18.74	/	/	17.06	/	/	<=30	Pass
		Inner_Full	19.33	/	/	17.65	/	/	<=30	Pass
		Inner_1RB_Left	19.73	/	/	18.05	/	/	<=30	Pass
		Inner_1RB_Right	19.49	/	/	17.81	/	/	<=30	Pass
	3750	Edge_1RB_Left	17.58	/	/	15.90	/	/	<=30	Pass
		Edge_1RB_Right	17.54	/	/	15.86	/	/	<=30	Pass
		Outer_Full	17.80	/	/	16.12	/	/	<=30	Pass
		Inner_Full	18.36	/	/	16.68	/	/	<=30	Pass
		Inner_1RB_Left	18.84	/	/	17.16	/	/	<=30	Pass
		Inner_1RB_Right	18.84	/	/	17.16	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	13.45	/	/	11.77	/	/	<=30	Pass
		Edge_1RB_Right	13.80	/	/	12.12	/	/	<=30	Pass
		Outer_Full	14.20	/	/	12.52	/	/	<=30	Pass
		Inner_Full	13.75	/	/	12.07	/	/	<=30	Pass
		Inner_1RB_Left	13.81	/	/	12.13	/	/	<=30	Pass
		Inner_1RB_Right	13.90	/	/	12.22	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3712.5	Edge_1RB_Left	18.51	/	/	16.83	/	/	<=30	Pass
		Edge_1RB_Right	18.49	/	/	16.81	/	/	<=30	Pass
		Outer_Full	18.30	/	/	16.62	/	/	<=30	Pass
		Inner_Full	18.24	/	/	16.56	/	/	<=30	Pass
		Inner_1RB_Left	18.83	/	/	17.15	/	/	<=30	Pass
		Inner_1RB_Right	18.56	/	/	16.88	/	/	<=30	Pass
	3750	Edge_1RB_Left	17.83	/	/	16.15	/	/	<=30	Pass

		Edge_1RB_Right	17.79	/	/	16.11	/	/	<=30	Pass
		Outer_Full	17.30	/	/	15.62	/	/	<=30	Pass
		Inner_Full	17.40	/	/	15.72	/	/	<=30	Pass
		Inner_1RB_Left	18.02	/	/	16.34	/	/	<=30	Pass
	3787.5	Inner_1RB_Right	17.83	/	/	16.15	/	/	<=30	Pass
		Edge_1RB_Left	13.59	/	/	11.91	/	/	<=30	Pass
		Edge_1RB_Right	13.98	/	/	12.30	/	/	<=30	Pass
		Outer_Full	14.16	/	/	12.48	/	/	<=30	Pass
		Inner_Full	13.72	/	/	12.04	/	/	<=30	Pass
		Inner_1RB_Left	14.00	/	/	12.32	/	/	<=30	Pass
		Inner_1RB_Right	14.10	/	/	12.42	/	/	<=30	Pass
		Edge_1RB_Left	16.48	/	/	14.80	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3712.5	Edge_1RB_Right	16.53	/	/	14.85	/	/	<=30	Pass
		Outer_Full	16.34	/	/	14.66	/	/	<=30	Pass
		Inner_Full	16.38	/	/	14.70	/	/	<=30	Pass
		Inner_1RB_Left	16.90	/	/	15.22	/	/	<=30	Pass
		Inner_1RB_Right	16.60	/	/	14.92	/	/	<=30	Pass
		Edge_1RB_Left	15.97	/	/	14.29	/	/	<=30	Pass
	3750	Edge_1RB_Right	15.95	/	/	14.27	/	/	<=30	Pass
		Outer_Full	15.57	/	/	13.89	/	/	<=30	Pass
		Inner_Full	15.64	/	/	13.96	/	/	<=30	Pass
		Inner_1RB_Left	16.20	/	/	14.52	/	/	<=30	Pass
		Inner_1RB_Right	16.05	/	/	14.37	/	/	<=30	Pass
		Edge_1RB_Left	12.66	/	/	10.98	/	/	<=30	Pass
	3787.5	Edge_1RB_Right	13.05	/	/	11.37	/	/	<=30	Pass
		Outer_Full	12.80	/	/	11.12	/	/	<=30	Pass
		Inner_Full	12.80	/	/	11.12	/	/	<=30	Pass
		Inner_1RB_Left	13.07	/	/	11.39	/	/	<=30	Pass
		Inner_1RB_Right	13.15	/	/	11.47	/	/	<=30	Pass
		Edge_1RB_Left	18.24	/	/	16.56	/	/	<=30	Pass
CP-OFDM QPSK	3712.5	Edge_1RB_Right	18.24	/	/	16.56	/	/	<=30	Pass
		Outer_Full	17.67	/	/	15.99	/	/	<=30	Pass
		Inner_Full	18.71	/	/	17.03	/	/	<=30	Pass
		Inner_1RB_Left	19.11	/	/	17.43	/	/	<=30	Pass
		Inner_1RB_Right	18.87	/	/	17.19	/	/	<=30	Pass
		Edge_1RB_Left	17.67	/	/	15.99	/	/	<=30	Pass
	3750	Edge_1RB_Right	17.45	/	/	15.77	/	/	<=30	Pass
		Outer_Full	16.92	/	/	15.24	/	/	<=30	Pass
		Inner_Full	14.71	/	/	13.03	/	/	<=30	Pass
		Inner_1RB_Left	15.26	/	/	13.58	/	/	<=30	Pass
		Inner_1RB_Right	15.15	/	/	13.47	/	/	<=30	Pass
		Edge_1RB_Left	13.44	/	/	11.76	/	/	<=30	Pass
	3787.5	Edge_1RB_Right	13.83	/	/	12.15	/	/	<=30	Pass
		Outer_Full	14.03	/	/	12.35	/	/	<=30	Pass
		Inner_Full	13.59	/	/	11.91	/	/	<=30	Pass
		Inner_1RB_Left	13.79	/	/	12.11	/	/	<=30	Pass
		Inner_1RB_Right	13.90	/	/	12.22	/	/	<=30	Pass
		Edge_1RB_Left	18.12	/	/	16.44	/	/	<=30	Pass
CP-OFDM 16 QAM	3712.5	Edge_1RB_Right	18.14	/	/	16.46	/	/	<=30	Pass
		Outer_Full	17.74	/	/	16.06	/	/	<=30	Pass
		Inner_Full	18.22	/	/	16.54	/	/	<=30	Pass
		Inner_1RB_Left	18.50	/	/	16.82	/	/	<=30	Pass
		Inner_1RB_Right	18.21	/	/	16.53	/	/	<=30	Pass
		Edge_1RB_Left	14.70	/	/	13.02	/	/	<=30	Pass
	3750	Edge_1RB_Right	13.52	/	/	11.84	/	/	<=30	Pass
		Outer_Full	15.01	/	/	13.33	/	/	<=30	Pass
		Inner_Full	13.35	/	/	11.67	/	/	<=30	Pass
		Inner_1RB_Left	13.42	/	/	11.74	/	/	<=30	Pass
		Inner_1RB_Right	13.57	/	/	11.89	/	/	<=30	Pass

	3787.5	Edge_1RB_Left	13.24	/	/	11.56	/	/	<=30	Pass
		Edge_1RB_Right	13.81	/	/	12.13	/	/	<=30	Pass
		Outer_Full	13.94	/	/	12.26	/	/	<=30	Pass
		Inner_Full	13.62	/	/	11.94	/	/	<=30	Pass
		Inner_1RB_Left	13.66	/	/	11.98	/	/	<=30	Pass
		Inner_1RB_Right	13.75	/	/	12.07	/	/	<=30	Pass
CP-OFDM 64 QAM	3712.5	Edge_1RB_Left	17.84	/	/	16.16	/	/	<=30	Pass
		Edge_1RB_Right	17.83	/	/	16.15	/	/	<=30	Pass
		Outer_Full	17.31	/	/	15.63	/	/	<=30	Pass
		Inner_Full	17.71	/	/	16.03	/	/	<=30	Pass
		Inner_1RB_Left	18.18	/	/	16.50	/	/	<=30	Pass
		Inner_1RB_Right	17.90	/	/	16.22	/	/	<=30	Pass
	3750	Edge_1RB_Left	13.46	/	/	11.78	/	/	<=30	Pass
		Edge_1RB_Right	13.78	/	/	12.10	/	/	<=30	Pass
		Outer_Full	13.22	/	/	11.54	/	/	<=30	Pass
		Inner_Full	13.25	/	/	11.57	/	/	<=30	Pass
		Inner_1RB_Left	13.69	/	/	12.01	/	/	<=30	Pass
		Inner_1RB_Right	13.85	/	/	12.17	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	13.70	/	/	12.02	/	/	<=30	Pass
		Edge_1RB_Right	14.15	/	/	12.47	/	/	<=30	Pass
		Outer_Full	13.57	/	/	11.89	/	/	<=30	Pass
		Inner_Full	13.57	/	/	11.89	/	/	<=30	Pass
		Inner_1RB_Left	14.06	/	/	12.38	/	/	<=30	Pass
		Inner_1RB_Right	14.14	/	/	12.46	/	/	<=30	Pass
CP-OFDM 256 QAM	3712.5	Edge_1RB_Left	14.65	/	/	12.97	/	/	<=30	Pass
		Edge_1RB_Right	14.63	/	/	12.95	/	/	<=30	Pass
		Outer_Full	14.46	/	/	12.78	/	/	<=30	Pass
		Inner_Full	14.61	/	/	12.93	/	/	<=30	Pass
		Inner_1RB_Left	15.02	/	/	13.34	/	/	<=30	Pass
		Inner_1RB_Right	14.78	/	/	13.10	/	/	<=30	Pass
	3750	Edge_1RB_Left	10.80	/	/	9.12	/	/	<=30	Pass
		Edge_1RB_Right	11.07	/	/	9.39	/	/	<=30	Pass
		Outer_Full	10.59	/	/	8.91	/	/	<=30	Pass
		Inner_Full	10.70	/	/	9.02	/	/	<=30	Pass
		Inner_1RB_Left	11.06	/	/	9.38	/	/	<=30	Pass
		Inner_1RB_Right	11.16	/	/	9.48	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	10.68	/	/	9.00	/	/	<=30	Pass
		Edge_1RB_Right	10.91	/	/	9.23	/	/	<=30	Pass
		Outer_Full	10.71	/	/	9.03	/	/	<=30	Pass
		Inner_Full	10.75	/	/	9.07	/	/	<=30	Pass
		Inner_1RB_Left	10.98	/	/	9.30	/	/	<=30	Pass
		Inner_1RB_Right	11.03	/	/	9.35	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.12 30k_SISO_30MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 30MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3715.02	Edge_1RB_Left	13.83	/	/	12.15	/	/	<=30	Pass
		Edge_1RB_Right	14.37	/	/	12.69	/	/	<=30	Pass
		Outer_Full	13.41	/	/	11.73	/	/	<=30	Pass
		Inner_Full	12.93	/	/	11.25	/	/	<=30	Pass
		Inner_1RB_Left	13.66	/	/	11.98	/	/	<=30	Pass
		Inner_1RB_Right	14.39	/	/	12.71	/	/	<=30	Pass
	3750	Edge_1RB_Left	14.64	/	/	12.96	/	/	<=30	Pass

		Edge_1RB_Right	14.53	/	/	12.85	/	/	<=30	Pass
		Outer_Full	13.67	/	/	11.99	/	/	<=30	Pass
		Inner_Full	13.15	/	/	11.47	/	/	<=30	Pass
		Inner_1RB_Left	14.46	/	/	12.78	/	/	<=30	Pass
	3784.98	Inner_1RB_Right	14.54	/	/	12.86	/	/	<=30	Pass
		Edge_1RB_Left	14.64	/	/	12.96	/	/	<=30	Pass
		Edge_1RB_Right	14.49	/	/	12.81	/	/	<=30	Pass
		Outer_Full	13.84	/	/	12.16	/	/	<=30	Pass
		Inner_Full	13.37	/	/	11.69	/	/	<=30	Pass
		Inner_1RB_Left	14.45	/	/	12.77	/	/	<=30	Pass
		Inner_1RB_Right	14.52	/	/	12.84	/	/	<=30	Pass
		Edge_1RB_Left	13.54	/	/	11.86	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.02	Edge_1RB_Right	14.11	/	/	12.43	/	/	<=30	Pass
		Outer_Full	13.25	/	/	11.57	/	/	<=30	Pass
		Inner_Full	12.89	/	/	11.21	/	/	<=30	Pass
		Inner_1RB_Left	13.38	/	/	11.70	/	/	<=30	Pass
		Inner_1RB_Right	14.14	/	/	12.46	/	/	<=30	Pass
		Edge_1RB_Left	14.41	/	/	12.73	/	/	<=30	Pass
	3750	Edge_1RB_Right	14.34	/	/	12.66	/	/	<=30	Pass
		Outer_Full	13.53	/	/	11.85	/	/	<=30	Pass
		Inner_Full	13.13	/	/	11.45	/	/	<=30	Pass
		Inner_1RB_Left	14.28	/	/	12.60	/	/	<=30	Pass
		Inner_1RB_Right	14.39	/	/	12.71	/	/	<=30	Pass
		Edge_1RB_Left	14.47	/	/	12.79	/	/	<=30	Pass
	3784.98	Edge_1RB_Right	14.35	/	/	12.67	/	/	<=30	Pass
		Outer_Full	13.70	/	/	12.02	/	/	<=30	Pass
		Inner_Full	13.35	/	/	11.67	/	/	<=30	Pass
		Inner_1RB_Left	14.31	/	/	12.63	/	/	<=30	Pass
		Inner_1RB_Right	14.40	/	/	12.72	/	/	<=30	Pass
		Edge_1RB_Left	13.68	/	/	12.00	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3715.02	Edge_1RB_Right	14.26	/	/	12.58	/	/	<=30	Pass
		Outer_Full	13.24	/	/	11.56	/	/	<=30	Pass
		Inner_Full	12.84	/	/	11.16	/	/	<=30	Pass
		Inner_1RB_Left	13.55	/	/	11.87	/	/	<=30	Pass
		Inner_1RB_Right	14.29	/	/	12.61	/	/	<=30	Pass
		Edge_1RB_Left	14.54	/	/	12.86	/	/	<=30	Pass
	3750	Edge_1RB_Right	14.48	/	/	12.80	/	/	<=30	Pass
		Outer_Full	13.53	/	/	11.85	/	/	<=30	Pass
		Inner_Full	13.10	/	/	11.42	/	/	<=30	Pass
		Inner_1RB_Left	14.41	/	/	12.73	/	/	<=30	Pass
		Inner_1RB_Right	14.51	/	/	12.83	/	/	<=30	Pass
		Edge_1RB_Left	14.64	/	/	12.96	/	/	<=30	Pass
	3784.98	Edge_1RB_Right	14.52	/	/	12.84	/	/	<=30	Pass
		Outer_Full	13.71	/	/	12.03	/	/	<=30	Pass
		Inner_Full	13.33	/	/	11.65	/	/	<=30	Pass
		Inner_1RB_Left	14.51	/	/	12.83	/	/	<=30	Pass
		Inner_1RB_Right	14.55	/	/	12.87	/	/	<=30	Pass
		Edge_1RB_Left	12.71	/	/	11.03	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3715.02	Edge_1RB_Right	13.29	/	/	11.61	/	/	<=30	Pass
		Outer_Full	11.81	/	/	10.13	/	/	<=30	Pass
		Inner_Full	11.89	/	/	10.21	/	/	<=30	Pass
		Inner_1RB_Left	12.58	/	/	10.90	/	/	<=30	Pass
		Inner_1RB_Right	13.33	/	/	11.65	/	/	<=30	Pass
		Edge_1RB_Left	13.66	/	/	11.98	/	/	<=30	Pass
	3750	Edge_1RB_Right	13.58	/	/	11.90	/	/	<=30	Pass
		Outer_Full	12.19	/	/	10.51	/	/	<=30	Pass
		Inner_Full	12.24	/	/	10.56	/	/	<=30	Pass
		Inner_1RB_Left	13.52	/	/	11.84	/	/	<=30	Pass
		Inner_1RB_Right	13.61	/	/	11.93	/	/	<=30	Pass

	3784.98	Edge_1RB_Left	13.70	/	/	12.02	/	/	<=30	Pass
		Edge_1RB_Right	13.58	/	/	11.90	/	/	<=30	Pass
		Outer_Full	12.35	/	/	10.67	/	/	<=30	Pass
		Inner_Full	12.47	/	/	10.79	/	/	<=30	Pass
		Inner_1RB_Left	13.56	/	/	11.88	/	/	<=30	Pass
		Inner_1RB_Right	13.63	/	/	11.95	/	/	<=30	Pass
CP-OFDM QPSK	3715.02	Edge_1RB_Left	13.43	/	/	11.75	/	/	<=30	Pass
		Edge_1RB_Right	14.11	/	/	12.43	/	/	<=30	Pass
		Outer_Full	13.14	/	/	11.46	/	/	<=30	Pass
		Inner_Full	12.74	/	/	11.06	/	/	<=30	Pass
		Inner_1RB_Left	13.33	/	/	11.65	/	/	<=30	Pass
		Inner_1RB_Right	14.06	/	/	12.38	/	/	<=30	Pass
	3750	Edge_1RB_Left	14.30	/	/	12.62	/	/	<=30	Pass
		Edge_1RB_Right	14.35	/	/	12.67	/	/	<=30	Pass
		Outer_Full	13.47	/	/	11.79	/	/	<=30	Pass
		Inner_Full	13.02	/	/	11.34	/	/	<=30	Pass
		Inner_1RB_Left	14.16	/	/	12.48	/	/	<=30	Pass
		Inner_1RB_Right	14.28	/	/	12.60	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	14.39	/	/	12.71	/	/	<=30	Pass
		Edge_1RB_Right	14.33	/	/	12.65	/	/	<=30	Pass
		Outer_Full	13.68	/	/	12.00	/	/	<=30	Pass
		Inner_Full	13.27	/	/	11.59	/	/	<=30	Pass
		Inner_1RB_Left	14.27	/	/	12.59	/	/	<=30	Pass
		Inner_1RB_Right	14.33	/	/	12.65	/	/	<=30	Pass
CP-OFDM 16 QAM	3715.02	Edge_1RB_Left	13.46	/	/	11.78	/	/	<=30	Pass
		Edge_1RB_Right	13.80	/	/	12.12	/	/	<=30	Pass
		Outer_Full	13.09	/	/	11.41	/	/	<=30	Pass
		Inner_Full	12.73	/	/	11.05	/	/	<=30	Pass
		Inner_1RB_Left	13.07	/	/	11.39	/	/	<=30	Pass
		Inner_1RB_Right	13.81	/	/	12.13	/	/	<=30	Pass
	3750	Edge_1RB_Left	14.21	/	/	12.53	/	/	<=30	Pass
		Edge_1RB_Right	14.14	/	/	12.46	/	/	<=30	Pass
		Outer_Full	13.43	/	/	11.75	/	/	<=30	Pass
		Inner_Full	13.02	/	/	11.34	/	/	<=30	Pass
		Inner_1RB_Left	14.04	/	/	12.36	/	/	<=30	Pass
		Inner_1RB_Right	14.17	/	/	12.49	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	14.08	/	/	12.40	/	/	<=30	Pass
		Edge_1RB_Right	14.05	/	/	12.37	/	/	<=30	Pass
		Outer_Full	13.64	/	/	11.96	/	/	<=30	Pass
		Inner_Full	13.27	/	/	11.59	/	/	<=30	Pass
		Inner_1RB_Left	13.99	/	/	12.31	/	/	<=30	Pass
		Inner_1RB_Right	14.07	/	/	12.39	/	/	<=30	Pass
CP-OFDM 64 QAM	3715.02	Edge_1RB_Left	13.47	/	/	11.79	/	/	<=30	Pass
		Edge_1RB_Right	14.16	/	/	12.48	/	/	<=30	Pass
		Outer_Full	12.65	/	/	10.97	/	/	<=30	Pass
		Inner_Full	12.73	/	/	11.05	/	/	<=30	Pass
		Inner_1RB_Left	13.39	/	/	11.71	/	/	<=30	Pass
		Inner_1RB_Right	14.15	/	/	12.47	/	/	<=30	Pass
	3750	Edge_1RB_Left	14.38	/	/	12.70	/	/	<=30	Pass
		Edge_1RB_Right	14.45	/	/	12.77	/	/	<=30	Pass
		Outer_Full	12.98	/	/	11.30	/	/	<=30	Pass
		Inner_Full	13.03	/	/	11.35	/	/	<=30	Pass
		Inner_1RB_Left	14.29	/	/	12.61	/	/	<=30	Pass
		Inner_1RB_Right	14.45	/	/	12.77	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	14.47	/	/	12.79	/	/	<=30	Pass
		Edge_1RB_Right	14.43	/	/	12.75	/	/	<=30	Pass
		Outer_Full	13.17	/	/	11.49	/	/	<=30	Pass
		Inner_Full	13.28	/	/	11.60	/	/	<=30	Pass
		Inner_1RB_Left	14.36	/	/	12.68	/	/	<=30	Pass

CP-OFDM 256 QAM	3715.02	Inner 1RB Right	14.43	/	/	12.75	/	/	<=30	Pass
		Edge 1RB Left	10.93	/	/	9.25	/	/	<=30	Pass
		Edge 1RB Right	11.53	/	/	9.85	/	/	<=30	Pass
		Outer Full	9.97	/	/	8.29	/	/	<=30	Pass
		Inner Full	10.06	/	/	8.38	/	/	<=30	Pass
		Inner 1RB Left	10.83	/	/	9.15	/	/	<=30	Pass
	3750	Inner 1RB Right	11.56	/	/	9.88	/	/	<=30	Pass
		Edge 1RB Left	11.92	/	/	10.24	/	/	<=30	Pass
		Edge 1RB Right	11.86	/	/	10.18	/	/	<=30	Pass
		Outer Full	10.41	/	/	8.73	/	/	<=30	Pass
		Inner Full	10.48	/	/	8.80	/	/	<=30	Pass
		Inner 1RB Left	11.82	/	/	10.14	/	/	<=30	Pass
	3784.98	Inner 1RB Right	11.90	/	/	10.22	/	/	<=30	Pass
		Edge 1RB Left	11.71	/	/	10.03	/	/	<=30	Pass
		Edge 1RB Right	11.62	/	/	9.94	/	/	<=30	Pass
		Outer Full	10.31	/	/	8.63	/	/	<=30	Pass
		Inner Full	10.43	/	/	8.75	/	/	<=30	Pass
		Inner 1RB Left	11.61	/	/	9.93	/	/	<=30	Pass
		Inner 1RB Right	11.65	/	/	9.97	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.13 30k_SISO_40MHz_NTNV_EIRP

5G NR n78a 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	3720	Edge 1RB Left	14.09	/	/	12.41	/	/	<=30	Pass
		Edge 1RB Right	14.08	/	/	12.40	/	/	<=30	Pass
		Outer Full	13.35	/	/	11.67	/	/	<=30	Pass
		Inner Full	12.72	/	/	11.04	/	/	<=30	Pass
		Inner 1RB Left	13.99	/	/	12.31	/	/	<=30	Pass
		Inner 1RB Right	14.35	/	/	12.67	/	/	<=30	Pass
	3750	Edge 1RB Left	14.92	/	/	13.24	/	/	<=30	Pass
		Edge 1RB Right	14.76	/	/	13.08	/	/	<=30	Pass
		Outer Full	13.70	/	/	12.02	/	/	<=30	Pass
		Inner Full	12.93	/	/	11.25	/	/	<=30	Pass
		Inner 1RB Left	14.77	/	/	13.09	/	/	<=30	Pass
		Inner 1RB Right	14.84	/	/	13.16	/	/	<=30	Pass
	3780	Edge 1RB Left	14.98	/	/	13.30	/	/	<=30	Pass
		Edge 1RB Right	14.88	/	/	13.20	/	/	<=30	Pass
		Outer Full	13.95	/	/	12.27	/	/	<=30	Pass
		Inner Full	13.29	/	/	11.61	/	/	<=30	Pass
		Inner 1RB Left	14.84	/	/	13.16	/	/	<=30	Pass
		Inner 1RB Right	14.97	/	/	13.29	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Edge 1RB Left	13.87	/	/	12.19	/	/	<=30	Pass
		Edge 1RB Right	13.91	/	/	12.23	/	/	<=30	Pass
		Outer Full	13.23	/	/	11.55	/	/	<=30	Pass
		Inner Full	12.68	/	/	11.00	/	/	<=30	Pass
		Inner 1RB Left	13.80	/	/	12.12	/	/	<=30	Pass
		Inner 1RB Right	14.18	/	/	12.50	/	/	<=30	Pass
	3750	Edge 1RB Left	14.69	/	/	13.01	/	/	<=30	Pass
		Edge 1RB Right	14.57	/	/	12.89	/	/	<=30	Pass
		Outer Full	13.58	/	/	11.90	/	/	<=30	Pass
		Inner Full	12.91	/	/	11.23	/	/	<=30	Pass
		Inner 1RB Left	14.59	/	/	12.91	/	/	<=30	Pass
		Inner 1RB Right	14.67	/	/	12.99	/	/	<=30	Pass

	3780	Edge_1RB_Left	14.77	/	/	13.09	/	/	<=30	Pass
		Edge_1RB_Right	14.71	/	/	13.03	/	/	<=30	Pass
		Outer_Full	13.83	/	/	12.15	/	/	<=30	Pass
		Inner_Full	13.27	/	/	11.59	/	/	<=30	Pass
		Inner_1RB_Left	14.66	/	/	12.98	/	/	<=30	Pass
		Inner_1RB_Right	14.82	/	/	13.14	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Edge_1RB_Left	14.08	/	/	12.40	/	/	<=30	Pass
		Edge_1RB_Right	14.15	/	/	12.47	/	/	<=30	Pass
		Outer_Full	13.19	/	/	11.51	/	/	<=30	Pass
		Inner_Full	12.63	/	/	10.95	/	/	<=30	Pass
		Inner_1RB_Left	14.02	/	/	12.34	/	/	<=30	Pass
		Inner_1RB_Right	14.42	/	/	12.74	/	/	<=30	Pass
	3750	Edge_1RB_Left	14.79	/	/	13.11	/	/	<=30	Pass
		Edge_1RB_Right	14.71	/	/	13.03	/	/	<=30	Pass
		Outer_Full	13.55	/	/	11.87	/	/	<=30	Pass
		Inner_Full	12.88	/	/	11.20	/	/	<=30	Pass
		Inner_1RB_Left	14.69	/	/	13.01	/	/	<=30	Pass
		Inner_1RB_Right	14.91	/	/	13.23	/	/	<=30	Pass
	3780	Edge_1RB_Left	14.87	/	/	13.19	/	/	<=30	Pass
		Edge_1RB_Right	14.84	/	/	13.16	/	/	<=30	Pass
		Outer_Full	13.79	/	/	12.11	/	/	<=30	Pass
		Inner_Full	13.24	/	/	11.56	/	/	<=30	Pass
		Inner_1RB_Left	14.77	/	/	13.09	/	/	<=30	Pass
		Inner_1RB_Right	14.95	/	/	13.27	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3720	Edge_1RB_Left	13.03	/	/	11.35	/	/	<=30	Pass
		Edge_1RB_Right	13.03	/	/	11.35	/	/	<=30	Pass
		Outer_Full	11.81	/	/	10.13	/	/	<=30	Pass
		Inner_Full	11.71	/	/	10.03	/	/	<=30	Pass
		Inner_1RB_Left	12.95	/	/	11.27	/	/	<=30	Pass
		Inner_1RB_Right	13.32	/	/	11.64	/	/	<=30	Pass
	3750	Edge_1RB_Left	13.94	/	/	12.26	/	/	<=30	Pass
		Edge_1RB_Right	13.82	/	/	12.14	/	/	<=30	Pass
		Outer_Full	12.24	/	/	10.56	/	/	<=30	Pass
		Inner_Full	12.04	/	/	10.36	/	/	<=30	Pass
		Inner_1RB_Left	13.84	/	/	12.16	/	/	<=30	Pass
		Inner_1RB_Right	13.91	/	/	12.23	/	/	<=30	Pass
	3780	Edge_1RB_Left	14.01	/	/	12.33	/	/	<=30	Pass
		Edge_1RB_Right	13.95	/	/	12.27	/	/	<=30	Pass
		Outer_Full	12.47	/	/	10.79	/	/	<=30	Pass
		Inner_Full	12.39	/	/	10.71	/	/	<=30	Pass
		Inner_1RB_Left	13.90	/	/	12.22	/	/	<=30	Pass
		Inner_1RB_Right	14.06	/	/	12.38	/	/	<=30	Pass
CP-OFDM QPSK	3720	Edge_1RB_Left	13.72	/	/	12.04	/	/	<=30	Pass
		Edge_1RB_Right	13.84	/	/	12.16	/	/	<=30	Pass
		Outer_Full	13.20	/	/	11.52	/	/	<=30	Pass
		Inner_Full	12.60	/	/	10.92	/	/	<=30	Pass
		Inner_1RB_Left	13.71	/	/	12.03	/	/	<=30	Pass
		Inner_1RB_Right	14.16	/	/	12.48	/	/	<=30	Pass
	3750	Edge_1RB_Left	14.52	/	/	12.84	/	/	<=30	Pass
		Edge_1RB_Right	14.51	/	/	12.83	/	/	<=30	Pass
		Outer_Full	13.58	/	/	11.90	/	/	<=30	Pass
		Inner_Full	12.85	/	/	11.17	/	/	<=30	Pass
		Inner_1RB_Left	14.44	/	/	12.76	/	/	<=30	Pass
		Inner_1RB_Right	14.62	/	/	12.94	/	/	<=30	Pass
	3780	Edge_1RB_Left	14.65	/	/	12.97	/	/	<=30	Pass
		Edge_1RB_Right	14.64	/	/	12.96	/	/	<=30	Pass
		Outer_Full	13.84	/	/	12.16	/	/	<=30	Pass
		Inner_Full	13.22	/	/	11.54	/	/	<=30	Pass
		Inner_1RB_Left	14.58	/	/	12.90	/	/	<=30	Pass

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

1.1.14 30k_SISO_50MHz_NTNV_EIRP

5G NR n78a 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	3725.01	Edge_1RB_Left	13.17	/	/	11.49	/	/	<=30	Pass
		Edge_1RB_Right	13.75	/	/	12.07	/	/	<=30	Pass
		Outer_Full	13.65	/	/	11.97	/	/	<=30	Pass
		Inner_Full	13.06	/	/	11.38	/	/	<=30	Pass
		Inner_1RB_Left	13.20	/	/	11.52	/	/	<=30	Pass
		Inner_1RB_Right	13.96	/	/	12.28	/	/	<=30	Pass
	3750	Edge_1RB_Left	14.15	/	/	12.47	/	/	<=30	Pass
		Edge_1RB_Right	14.35	/	/	12.67	/	/	<=30	Pass
		Outer_Full	14.19	/	/	12.51	/	/	<=30	Pass
		Inner_Full	13.40	/	/	11.72	/	/	<=30	Pass
		Inner_1RB_Left	14.16	/	/	12.48	/	/	<=30	Pass
		Inner_1RB_Right	14.53	/	/	12.85	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	14.22	/	/	12.54	/	/	<=30	Pass
		Edge_1RB_Right	14.35	/	/	12.67	/	/	<=30	Pass
		Outer_Full	14.40	/	/	12.72	/	/	<=30	Pass
		Inner_Full	13.71	/	/	12.03	/	/	<=30	Pass
		Inner_1RB_Left	14.24	/	/	12.56	/	/	<=30	Pass
		Inner_1RB_Right	14.53	/	/	12.85	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3725.01	Edge_1RB_Left	12.99	/	/	11.31	/	/	<=30	Pass
		Edge_1RB_Right	13.54	/	/	11.86	/	/	<=30	Pass
		Outer_Full	13.54	/	/	11.86	/	/	<=30	Pass
		Inner_Full	13.01	/	/	11.33	/	/	<=30	Pass
		Inner_1RB_Left	13.04	/	/	11.36	/	/	<=30	Pass
		Inner_1RB_Right	13.73	/	/	12.05	/	/	<=30	Pass
	3750	Edge_1RB_Left	13.98	/	/	12.30	/	/	<=30	Pass
		Edge_1RB_Right	14.20	/	/	12.52	/	/	<=30	Pass
		Outer_Full	14.08	/	/	12.40	/	/	<=30	Pass
		Inner_Full	13.35	/	/	11.67	/	/	<=30	Pass
		Inner_1RB_Left	14.02	/	/	12.34	/	/	<=30	Pass
		Inner_1RB_Right	14.42	/	/	12.74	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	14.03	/	/	12.35	/	/	<=30	Pass
		Edge_1RB_Right	14.18	/	/	12.50	/	/	<=30	Pass
		Outer_Full	14.27	/	/	12.59	/	/	<=30	Pass
		Inner_Full	13.66	/	/	11.98	/	/	<=30	Pass
		Inner_1RB_Left	14.08	/	/	12.40	/	/	<=30	Pass
		Inner_1RB_Right	14.38	/	/	12.70	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3725.01	Edge_1RB_Left	13.14	/	/	11.46	/	/	<=30	Pass
		Edge_1RB_Right	13.74	/	/	12.06	/	/	<=30	Pass
		Outer_Full	13.50	/	/	11.82	/	/	<=30	Pass
		Inner_Full	13.04	/	/	11.36	/	/	<=30	Pass
		Inner_1RB_Left	13.20	/	/	11.52	/	/	<=30	Pass
		Inner_1RB_Right	13.94	/	/	12.26	/	/	<=30	Pass
	3750	Edge_1RB_Left	14.15	/	/	12.47	/	/	<=30	Pass
		Edge_1RB_Right	14.40	/	/	12.72	/	/	<=30	Pass
		Outer_Full	14.03	/	/	12.35	/	/	<=30	Pass
		Inner_Full	13.37	/	/	11.69	/	/	<=30	Pass
		Inner_1RB_Left	14.19	/	/	12.51	/	/	<=30	Pass
		Inner_1RB_Right	14.60	/	/	12.92	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	14.27	/	/	12.59	/	/	<=30	Pass
		Edge_1RB_Right	14.44	/	/	12.76	/	/	<=30	Pass
		Outer_Full	14.23	/	/	12.55	/	/	<=30	Pass
		Inner_Full	13.67	/	/	11.99	/	/	<=30	Pass
		Inner_1RB_Left	14.31	/	/	12.63	/	/	<=30	Pass

DFT-s-OFDM 256 QAM	3725.01	Inner_1RB_Right	14.64	/	/	12.96	/	/	<=30	Pass
		Edge_1RB_Left	12.17	/	/	10.49	/	/	<=30	Pass
		Edge_1RB_Right	12.79	/	/	11.11	/	/	<=30	Pass
		Outer_Full	12.18	/	/	10.50	/	/	<=30	Pass
		Inner_Full	12.15	/	/	10.47	/	/	<=30	Pass
		Inner_1RB_Left	12.23	/	/	10.55	/	/	<=30	Pass
	3750	Inner_1RB_Right	13.00	/	/	11.32	/	/	<=30	Pass
		Edge_1RB_Left	13.20	/	/	11.52	/	/	<=30	Pass
		Edge_1RB_Right	13.44	/	/	11.76	/	/	<=30	Pass
		Outer_Full	12.77	/	/	11.09	/	/	<=30	Pass
		Inner_Full	12.53	/	/	10.85	/	/	<=30	Pass
		Inner_1RB_Left	13.25	/	/	11.57	/	/	<=30	Pass
	3774.99	Inner_1RB_Right	13.63	/	/	11.95	/	/	<=30	Pass
		Edge_1RB_Left	13.26	/	/	11.58	/	/	<=30	Pass
		Edge_1RB_Right	13.42	/	/	11.74	/	/	<=30	Pass
		Outer_Full	12.96	/	/	11.28	/	/	<=30	Pass
		Inner_Full	12.82	/	/	11.14	/	/	<=30	Pass
		Inner_1RB_Left	13.31	/	/	11.63	/	/	<=30	Pass
CP-OFDM QPSK	3725.01	Inner_1RB_Right	13.63	/	/	11.95	/	/	<=30	Pass
		Edge_1RB_Left	12.94	/	/	11.26	/	/	<=30	Pass
		Edge_1RB_Right	13.64	/	/	11.96	/	/	<=30	Pass
		Outer_Full	13.46	/	/	11.78	/	/	<=30	Pass
		Inner_Full	12.96	/	/	11.28	/	/	<=30	Pass
		Inner_1RB_Left	12.99	/	/	11.31	/	/	<=30	Pass
	3750	Inner_1RB_Right	13.83	/	/	12.15	/	/	<=30	Pass
		Edge_1RB_Left	13.88	/	/	12.20	/	/	<=30	Pass
		Edge_1RB_Right	14.22	/	/	12.54	/	/	<=30	Pass
		Outer_Full	13.99	/	/	12.31	/	/	<=30	Pass
		Inner_Full	13.29	/	/	11.61	/	/	<=30	Pass
		Inner_1RB_Left	13.96	/	/	12.28	/	/	<=30	Pass
	3774.99	Inner_1RB_Right	14.41	/	/	12.73	/	/	<=30	Pass
		Edge_1RB_Left	13.98	/	/	12.30	/	/	<=30	Pass
		Edge_1RB_Right	14.20	/	/	12.52	/	/	<=30	Pass
		Outer_Full	14.19	/	/	12.51	/	/	<=30	Pass
		Inner_Full	13.59	/	/	11.91	/	/	<=30	Pass
		Inner_1RB_Left	14.08	/	/	12.40	/	/	<=30	Pass
CP-OFDM 16 QAM	3725.01	Inner_1RB_Right	14.40	/	/	12.72	/	/	<=30	Pass
		Edge_1RB_Left	12.66	/	/	10.98	/	/	<=30	Pass
		Edge_1RB_Right	13.38	/	/	11.70	/	/	<=30	Pass
		Outer_Full	13.43	/	/	11.75	/	/	<=30	Pass
		Inner_Full	12.98	/	/	11.30	/	/	<=30	Pass
		Inner_1RB_Left	12.76	/	/	11.08	/	/	<=30	Pass
	3750	Inner_1RB_Right	13.57	/	/	11.89	/	/	<=30	Pass
		Edge_1RB_Left	13.75	/	/	12.07	/	/	<=30	Pass
		Edge_1RB_Right	14.09	/	/	12.41	/	/	<=30	Pass
		Outer_Full	13.95	/	/	12.27	/	/	<=30	Pass
		Inner_Full	13.30	/	/	11.62	/	/	<=30	Pass
		Inner_1RB_Left	13.82	/	/	12.14	/	/	<=30	Pass
	3774.99	Inner_1RB_Right	14.27	/	/	12.59	/	/	<=30	Pass
		Edge_1RB_Left	14.27	/	/	12.11	/	/	<=30	Pass
		Edge_1RB_Right	14.03	/	/	12.35	/	/	<=30	Pass
		Outer_Full	14.14	/	/	12.46	/	/	<=30	Pass
		Inner_Full	13.61	/	/	11.93	/	/	<=30	Pass
		Inner_1RB_Left	13.87	/	/	12.19	/	/	<=30	Pass
CP-OFDM 64 QAM	3725.01	Inner_1RB_Right	14.23	/	/	12.55	/	/	<=30	Pass
		Edge_1RB_Left	13.03	/	/	11.35	/	/	<=30	Pass
		Edge_1RB_Right	13.74	/	/	12.06	/	/	<=30	Pass
		Outer_Full	12.97	/	/	11.29	/	/	<=30	Pass
		Inner_Full	12.97	/	/	11.29	/	/	<=30	Pass

CP-OFDM 256 QAM	3750	Inner 1RB Left	13.12	/	/	11.44	/	/	<=30	Pass
		Inner 1RB Right	13.94	/	/	12.26	/	/	<=30	Pass
		Edge 1RB Left	14.02	/	/	12.34	/	/	<=30	Pass
		Edge 1RB Right	14.39	/	/	12.71	/	/	<=30	Pass
		Outer Full	13.48	/	/	11.80	/	/	<=30	Pass
		Inner Full	13.29	/	/	11.61	/	/	<=30	Pass
		Inner 1RB Left	14.10	/	/	12.42	/	/	<=30	Pass
		Inner 1RB Right	14.58	/	/	12.90	/	/	<=30	Pass
	3774.99	Edge 1RB Left	14.19	/	/	12.51	/	/	<=30	Pass
		Edge 1RB Right	14.42	/	/	12.74	/	/	<=30	Pass
		Outer Full	13.68	/	/	12.00	/	/	<=30	Pass
		Inner Full	13.59	/	/	11.91	/	/	<=30	Pass
		Inner 1RB Left	14.29	/	/	12.61	/	/	<=30	Pass
		Inner 1RB Right	14.61	/	/	12.93	/	/	<=30	Pass
	3725.01	Edge 1RB Left	10.60	/	/	8.92	/	/	<=30	Pass
		Edge 1RB Right	11.21	/	/	9.53	/	/	<=30	Pass
		Outer Full	10.46	/	/	8.78	/	/	<=30	Pass
		Inner Full	10.48	/	/	8.80	/	/	<=30	Pass
		Inner 1RB Left	10.69	/	/	9.01	/	/	<=30	Pass
		Inner 1RB Right	11.42	/	/	9.74	/	/	<=30	Pass
	3750	Edge 1RB Left	11.53	/	/	9.85	/	/	<=30	Pass
		Edge 1RB Right	11.74	/	/	10.06	/	/	<=30	Pass
		Outer Full	10.97	/	/	9.29	/	/	<=30	Pass
		Inner Full	10.77	/	/	9.09	/	/	<=30	Pass
		Inner 1RB Left	11.61	/	/	9.93	/	/	<=30	Pass
		Inner 1RB Right	11.96	/	/	10.28	/	/	<=30	Pass
	3774.99	Edge 1RB Left	11.38	/	/	9.70	/	/	<=30	Pass
		Edge 1RB Right	11.51	/	/	9.83	/	/	<=30	Pass
		Outer Full	10.90	/	/	9.22	/	/	<=30	Pass
		Inner Full	10.82	/	/	9.14	/	/	<=30	Pass
		Inner 1RB Left	11.46	/	/	9.78	/	/	<=30	Pass
		Inner 1RB Right	11.74	/	/	10.06	/	/	<=30	Pass

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

1.1.15 30k_SISO_60MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3730.02	Edge 1RB Left	13.17	/	/	11.49	/	/	<=30	Pass
		Edge 1RB Right	13.41	/	/	11.73	/	/	<=30	Pass
		Outer Full	13.13	/	/	11.45	/	/	<=30	Pass
		Inner Full	12.90	/	/	11.22	/	/	<=30	Pass
		Inner 1RB Left	13.09	/	/	11.41	/	/	<=30	Pass
		Inner 1RB Right	13.42	/	/	11.74	/	/	<=30	Pass
	3750	Edge 1RB Left	14.11	/	/	12.43	/	/	<=30	Pass
		Edge 1RB Right	14.06	/	/	12.38	/	/	<=30	Pass
		Outer Full	13.73	/	/	12.05	/	/	<=30	Pass
		Inner Full	13.37	/	/	11.69	/	/	<=30	Pass
		Inner 1RB Left	13.88	/	/	12.20	/	/	<=30	Pass
		Inner 1RB Right	14.09	/	/	12.41	/	/	<=30	Pass
	3769.98	Edge 1RB Left	13.89	/	/	12.21	/	/	<=30	Pass
		Edge 1RB Right	14.01	/	/	12.33	/	/	<=30	Pass
		Outer Full	13.82	/	/	12.14	/	/	<=30	Pass
		Inner Full	13.53	/	/	11.85	/	/	<=30	Pass
		Inner 1RB Left	13.79	/	/	12.11	/	/	<=30	Pass

DFT-s-OFDM 16 QAM	3730.02	Inner_1RB_Right	14.07	/	/	12.39	/	/	<=30	Pass
		Edge_1RB_Left	12.89	/	/	11.21	/	/	<=30	Pass
		Edge_1RB_Right	13.17	/	/	11.49	/	/	<=30	Pass
		Outer_Full	13.00	/	/	11.32	/	/	<=30	Pass
		Inner_Full	12.84	/	/	11.16	/	/	<=30	Pass
		Inner_1RB_Left	12.85	/	/	11.17	/	/	<=30	Pass
	3750	Inner_1RB_Right	13.05	/	/	11.37	/	/	<=30	Pass
		Edge_1RB_Left	13.79	/	/	12.11	/	/	<=30	Pass
		Edge_1RB_Right	13.81	/	/	12.13	/	/	<=30	Pass
		Outer_Full	13.55	/	/	11.87	/	/	<=30	Pass
		Inner_Full	13.33	/	/	11.65	/	/	<=30	Pass
		Inner_1RB_Left	13.67	/	/	11.99	/	/	<=30	Pass
	3769.98	Inner_1RB_Right	13.86	/	/	12.18	/	/	<=30	Pass
		Edge_1RB_Left	13.68	/	/	12.00	/	/	<=30	Pass
		Edge_1RB_Right	13.90	/	/	12.22	/	/	<=30	Pass
		Outer_Full	13.67	/	/	11.99	/	/	<=30	Pass
		Inner_Full	13.50	/	/	11.82	/	/	<=30	Pass
		Inner_1RB_Left	13.62	/	/	11.94	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3730.02	Inner_1RB_Right	13.94	/	/	12.26	/	/	<=30	Pass
		Edge_1RB_Left	13.08	/	/	11.40	/	/	<=30	Pass
		Edge_1RB_Right	13.36	/	/	11.68	/	/	<=30	Pass
		Outer_Full	12.97	/	/	11.29	/	/	<=30	Pass
		Inner_Full	12.85	/	/	11.17	/	/	<=30	Pass
		Inner_1RB_Left	12.03	/	/	11.35	/	/	<=30	Pass
	3750	Inner_1RB_Right	13.39	/	/	11.71	/	/	<=30	Pass
		Edge_1RB_Left	13.98	/	/	12.30	/	/	<=30	Pass
		Edge_1RB_Right	14.01	/	/	12.33	/	/	<=30	Pass
		Outer_Full	13.57	/	/	11.89	/	/	<=30	Pass
		Inner_Full	13.33	/	/	11.65	/	/	<=30	Pass
		Inner_1RB_Left	13.91	/	/	12.23	/	/	<=30	Pass
	3769.98	Inner_1RB_Right	14.05	/	/	12.37	/	/	<=30	Pass
		Edge_1RB_Left	13.84	/	/	12.16	/	/	<=30	Pass
		Edge_1RB_Right	14.05	/	/	12.37	/	/	<=30	Pass
		Outer_Full	13.64	/	/	11.96	/	/	<=30	Pass
		Inner_Full	13.49	/	/	11.81	/	/	<=30	Pass
		Inner_1RB_Left	13.78	/	/	12.10	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3730.02	Inner_1RB_Right	14.09	/	/	12.41	/	/	<=30	Pass
		Edge_1RB_Left	12.09	/	/	10.41	/	/	<=30	Pass
		Edge_1RB_Right	12.32	/	/	10.64	/	/	<=30	Pass
		Outer_Full	11.55	/	/	9.87	/	/	<=30	Pass
		Inner_Full	11.89	/	/	10.21	/	/	<=30	Pass
		Inner_1RB_Left	12.03	/	/	10.35	/	/	<=30	Pass
	3750	Inner_1RB_Right	12.35	/	/	10.67	/	/	<=30	Pass
		Edge_1RB_Left	13.04	/	/	11.36	/	/	<=30	Pass
		Edge_1RB_Right	13.11	/	/	11.43	/	/	<=30	Pass
		Outer_Full	12.26	/	/	10.58	/	/	<=30	Pass
		Inner_Full	12.47	/	/	10.79	/	/	<=30	Pass
		Inner_1RB_Left	13.05	/	/	11.37	/	/	<=30	Pass
	3769.98	Inner_1RB_Right	13.15	/	/	11.47	/	/	<=30	Pass
		Edge_1RB_Left	12.95	/	/	11.27	/	/	<=30	Pass
		Edge_1RB_Right	13.15	/	/	11.47	/	/	<=30	Pass
		Outer_Full	12.34	/	/	10.66	/	/	<=30	Pass
		Inner_Full	12.64	/	/	10.96	/	/	<=30	Pass
		Inner_1RB_Left	12.88	/	/	11.20	/	/	<=30	Pass
CP-OFDM QPSK	3730.02	Inner_1RB_Right	13.18	/	/	11.50	/	/	<=30	Pass
		Edge_1RB_Left	13.00	/	/	11.32	/	/	<=30	Pass
		Edge_1RB_Right	13.34	/	/	11.66	/	/	<=30	Pass
		Outer_Full	13.08	/	/	11.40	/	/	<=30	Pass
		Inner_Full	12.82	/	/	11.14	/	/	<=30	Pass

		Inner_1RB_Left	12.98	/	/	11.30	/	/	<=30	Pass
		Inner_1RB_Right	13.36	/	/	11.68	/	/	<=30	Pass
	3750	Edge_1RB_Left	13.79	/	/	12.11	/	/	<=30	Pass
		Edge_1RB_Right	13.90	/	/	12.22	/	/	<=30	Pass
		Outer_Full	13.50	/	/	11.82	/	/	<=30	Pass
		Inner_Full	13.20	/	/	11.52	/	/	<=30	Pass
		Inner_1RB_Left	13.76	/	/	12.08	/	/	<=30	Pass
		Inner_1RB_Right	13.93	/	/	12.25	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	13.67	/	/	11.99	/	/	<=30	Pass
		Edge_1RB_Right	13.95	/	/	12.27	/	/	<=30	Pass
		Outer_Full	13.58	/	/	11.90	/	/	<=30	Pass
		Inner_Full	13.41	/	/	11.73	/	/	<=30	Pass
		Inner_1RB_Left	13.58	/	/	11.90	/	/	<=30	Pass
		Inner_1RB_Right	13.91	/	/	12.23	/	/	<=30	Pass
CP-OFDM 16 QAM	3730.02	Edge_1RB_Left	12.68	/	/	11.00	/	/	<=30	Pass
		Edge_1RB_Right	13.38	/	/	11.70	/	/	<=30	Pass
		Outer_Full	12.92	/	/	11.24	/	/	<=30	Pass
		Inner_Full	12.79	/	/	11.11	/	/	<=30	Pass
		Inner_1RB_Left	12.67	/	/	10.99	/	/	<=30	Pass
		Inner_1RB_Right	13.07	/	/	11.39	/	/	<=30	Pass
	3750	Edge_1RB_Left	13.50	/	/	11.82	/	/	<=30	Pass
		Edge_1RB_Right	13.61	/	/	11.93	/	/	<=30	Pass
		Outer_Full	13.44	/	/	11.76	/	/	<=30	Pass
		Inner_Full	13.20	/	/	11.52	/	/	<=30	Pass
		Inner_1RB_Left	13.46	/	/	11.78	/	/	<=30	Pass
		Inner_1RB_Right	13.64	/	/	11.96	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	13.45	/	/	11.77	/	/	<=30	Pass
		Edge_1RB_Right	13.74	/	/	12.06	/	/	<=30	Pass
		Outer_Full	13.54	/	/	11.86	/	/	<=30	Pass
		Inner_Full	13.39	/	/	11.71	/	/	<=30	Pass
		Inner_1RB_Left	13.44	/	/	11.76	/	/	<=30	Pass
		Inner_1RB_Right	13.78	/	/	12.10	/	/	<=30	Pass
CP-OFDM 64 QAM	3730.02	Edge_1RB_Left	13.04	/	/	11.36	/	/	<=30	Pass
		Edge_1RB_Right	13.41	/	/	11.73	/	/	<=30	Pass
		Outer_Full	12.45	/	/	10.77	/	/	<=30	Pass
		Inner_Full	12.79	/	/	11.11	/	/	<=30	Pass
		Inner_1RB_Left	13.01	/	/	11.33	/	/	<=30	Pass
		Inner_1RB_Right	13.44	/	/	11.76	/	/	<=30	Pass
	3750	Edge_1RB_Left	13.85	/	/	12.17	/	/	<=30	Pass
		Edge_1RB_Right	14.01	/	/	12.33	/	/	<=30	Pass
		Outer_Full	12.97	/	/	11.29	/	/	<=30	Pass
		Inner_Full	13.20	/	/	11.52	/	/	<=30	Pass
		Inner_1RB_Left	13.82	/	/	12.14	/	/	<=30	Pass
		Inner_1RB_Right	14.04	/	/	12.36	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	13.78	/	/	12.10	/	/	<=30	Pass
		Edge_1RB_Right	14.07	/	/	12.39	/	/	<=30	Pass
		Outer_Full	13.08	/	/	11.40	/	/	<=30	Pass
		Inner_Full	13.39	/	/	11.71	/	/	<=30	Pass
		Inner_1RB_Left	13.76	/	/	12.08	/	/	<=30	Pass
		Inner_1RB_Right	14.11	/	/	12.43	/	/	<=30	Pass
CP-OFDM 256 QAM	3730.02	Edge_1RB_Left	10.56	/	/	8.88	/	/	<=30	Pass
		Edge_1RB_Right	10.80	/	/	9.12	/	/	<=30	Pass
		Outer_Full	9.94	/	/	8.26	/	/	<=30	Pass
		Inner_Full	10.30	/	/	8.62	/	/	<=30	Pass
		Inner_1RB_Left	10.55	/	/	8.87	/	/	<=30	Pass
		Inner_1RB_Right	10.85	/	/	9.17	/	/	<=30	Pass
	3750	Edge_1RB_Left	11.40	/	/	9.72	/	/	<=30	Pass
		Edge_1RB_Right	11.37	/	/	9.69	/	/	<=30	Pass
		Outer_Full	10.44	/	/	8.76	/	/	<=30	Pass

		Inner_Full	10.69	/	/	9.01	/	/	<=30	Pass
		Inner_1RB_Left	11.38	/	/	9.70	/	/	<=30	Pass
		Inner_1RB_Right	11.42	/	/	9.74	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	11.03	/	/	9.35	/	/	<=30	Pass
		Edge_1RB_Right	11.17	/	/	9.49	/	/	<=30	Pass
		Outer_Full	10.28	/	/	8.60	/	/	<=30	Pass
		Inner_Full	10.62	/	/	8.94	/	/	<=30	Pass
		Inner_1RB_Left	11.01	/	/	9.33	/	/	<=30	Pass
		Inner_1RB_Right	11.24	/	/	9.56	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.16 30k_SISO_70MHz_NTNV_EIRP

5G NR n78a 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	3735	Edge_1RB_Left	11.73	/	/	10.05	/	/	<=30	Pass
		Edge_1RB_Right	12.04	/	/	10.36	/	/	<=30	Pass
		Outer_Full	13.20	/	/	11.52	/	/	<=30	Pass
		Inner_Full	12.90	/	/	11.22	/	/	<=30	Pass
		Inner_1RB_Left	11.72	/	/	10.04	/	/	<=30	Pass
		Inner_1RB_Right	12.20	/	/	10.52	/	/	<=30	Pass
	3750	Edge_1RB_Left	12.73	/	/	11.05	/	/	<=30	Pass
		Edge_1RB_Right	12.58	/	/	10.90	/	/	<=30	Pass
		Outer_Full	13.74	/	/	12.06	/	/	<=30	Pass
		Inner_Full	13.37	/	/	11.69	/	/	<=30	Pass
		Inner_1RB_Left	12.85	/	/	11.17	/	/	<=30	Pass
		Inner_1RB_Right	12.87	/	/	11.19	/	/	<=30	Pass
	3765	Edge_1RB_Left	12.61	/	/	10.93	/	/	<=30	Pass
		Edge_1RB_Right	12.38	/	/	10.70	/	/	<=30	Pass
		Outer_Full	13.83	/	/	12.15	/	/	<=30	Pass
		Inner_Full	13.45	/	/	11.77	/	/	<=30	Pass
		Inner_1RB_Left	12.91	/	/	11.23	/	/	<=30	Pass
		Inner_1RB_Right	12.88	/	/	11.20	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3735	Edge_1RB_Left	11.58	/	/	9.90	/	/	<=30	Pass
		Edge_1RB_Right	11.94	/	/	10.26	/	/	<=30	Pass
		Outer_Full	13.09	/	/	11.41	/	/	<=30	Pass
		Inner_Full	12.89	/	/	11.21	/	/	<=30	Pass
		Inner_1RB_Left	11.40	/	/	9.72	/	/	<=30	Pass
		Inner_1RB_Right	11.91	/	/	10.23	/	/	<=30	Pass
	3750	Edge_1RB_Left	12.57	/	/	10.89	/	/	<=30	Pass
		Edge_1RB_Right	12.47	/	/	10.79	/	/	<=30	Pass
		Outer_Full	13.65	/	/	11.97	/	/	<=30	Pass
		Inner_Full	13.36	/	/	11.68	/	/	<=30	Pass
		Inner_1RB_Left	12.31	/	/	10.63	/	/	<=30	Pass
		Inner_1RB_Right	12.33	/	/	10.65	/	/	<=30	Pass
	3765	Edge_1RB_Left	12.40	/	/	10.72	/	/	<=30	Pass
		Edge_1RB_Right	12.22	/	/	10.54	/	/	<=30	Pass
		Outer_Full	13.71	/	/	12.03	/	/	<=30	Pass
		Inner_Full	13.45	/	/	11.77	/	/	<=30	Pass
		Inner_1RB_Left	12.16	/	/	10.48	/	/	<=30	Pass
		Inner_1RB_Right	12.16	/	/	10.48	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3735	Edge_1RB_Left	11.73	/	/	10.05	/	/	<=30	Pass
		Edge_1RB_Right	12.06	/	/	10.38	/	/	<=30	Pass
		Outer_Full	13.07	/	/	11.39	/	/	<=30	Pass
		Inner_Full	12.87	/	/	11.19	/	/	<=30	Pass

		Inner_1RB_Left	10.66	/	/	8.98	/	/	<=30	Pass
		Inner_1RB_Right	11.13	/	/	9.45	/	/	<=30	Pass
	3750	Edge_1RB_Left	12.72	/	/	11.04	/	/	<=30	Pass
		Edge_1RB_Right	12.60	/	/	10.92	/	/	<=30	Pass
		Outer_Full	13.63	/	/	11.95	/	/	<=30	Pass
		Inner_Full	13.33	/	/	11.65	/	/	<=30	Pass
		Inner_1RB_Left	11.69	/	/	10.01	/	/	<=30	Pass
		Inner_1RB_Right	11.66	/	/	9.98	/	/	<=30	Pass
	3765	Edge_1RB_Left	12.59	/	/	10.91	/	/	<=30	Pass
		Edge_1RB_Right	12.40	/	/	10.72	/	/	<=30	Pass
		Outer_Full	13.69	/	/	12.01	/	/	<=30	Pass
		Inner_Full	13.42	/	/	11.74	/	/	<=30	Pass
		Inner_1RB_Left	11.36	/	/	9.68	/	/	<=30	Pass
		Inner_1RB_Right	11.46	/	/	9.78	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3735	Edge_1RB_Left	9.71	/	/	8.03	/	/	<=30	Pass
		Edge_1RB_Right	9.94	/	/	8.26	/	/	<=30	Pass
		Outer_Full	11.66	/	/	9.98	/	/	<=30	Pass
		Inner_Full	11.93	/	/	10.25	/	/	<=30	Pass
		Inner_1RB_Left	8.59	/	/	6.91	/	/	<=30	Pass
		Inner_1RB_Right	8.97	/	/	7.29	/	/	<=30	Pass
	3750	Edge_1RB_Left	10.68	/	/	9.00	/	/	<=30	Pass
		Edge_1RB_Right	10.41	/	/	8.73	/	/	<=30	Pass
		Outer_Full	12.33	/	/	10.65	/	/	<=30	Pass
		Inner_Full	12.52	/	/	10.84	/	/	<=30	Pass
		Inner_1RB_Left	9.56	/	/	7.88	/	/	<=30	Pass
		Inner_1RB_Right	9.48	/	/	7.80	/	/	<=30	Pass
	3765	Edge_1RB_Left	10.51	/	/	8.83	/	/	<=30	Pass
		Edge_1RB_Right	10.23	/	/	8.55	/	/	<=30	Pass
		Outer_Full	12.40	/	/	10.72	/	/	<=30	Pass
		Inner_Full	12.60	/	/	10.92	/	/	<=30	Pass
		Inner_1RB_Left	9.38	/	/	7.70	/	/	<=30	Pass
		Inner_1RB_Right	9.27	/	/	7.59	/	/	<=30	Pass
CP-OFDM QPSK	3735	Edge_1RB_Left	11.58	/	/	9.90	/	/	<=30	Pass
		Edge_1RB_Right	11.99	/	/	10.31	/	/	<=30	Pass
		Outer_Full	13.10	/	/	11.42	/	/	<=30	Pass
		Inner_Full	12.83	/	/	11.15	/	/	<=30	Pass
		Inner_1RB_Left	11.04	/	/	9.36	/	/	<=30	Pass
		Inner_1RB_Right	11.55	/	/	9.87	/	/	<=30	Pass
	3750	Edge_1RB_Left	12.53	/	/	10.85	/	/	<=30	Pass
		Edge_1RB_Right	12.50	/	/	10.82	/	/	<=30	Pass
		Outer_Full	13.64	/	/	11.96	/	/	<=30	Pass
		Inner_Full	13.30	/	/	11.62	/	/	<=30	Pass
		Inner_1RB_Left	11.87	/	/	10.19	/	/	<=30	Pass
		Inner_1RB_Right	11.93	/	/	10.25	/	/	<=30	Pass
	3765	Edge_1RB_Left	12.39	/	/	10.71	/	/	<=30	Pass
		Edge_1RB_Right	12.32	/	/	10.64	/	/	<=30	Pass
		Outer_Full	13.70	/	/	12.02	/	/	<=30	Pass
		Inner_Full	13.40	/	/	11.72	/	/	<=30	Pass
		Inner_1RB_Left	11.72	/	/	10.04	/	/	<=30	Pass
		Inner_1RB_Right	11.85	/	/	10.17	/	/	<=30	Pass
CP-OFDM 16 QAM	3735	Edge_1RB_Left	11.39	/	/	9.71	/	/	<=30	Pass
		Edge_1RB_Right	11.89	/	/	10.21	/	/	<=30	Pass
		Outer_Full	13.05	/	/	11.37	/	/	<=30	Pass
		Inner_Full	12.82	/	/	11.14	/	/	<=30	Pass
		Inner_1RB_Left	10.38	/	/	8.70	/	/	<=30	Pass
		Inner_1RB_Right	10.90	/	/	9.22	/	/	<=30	Pass
	3750	Edge_1RB_Left	12.33	/	/	10.65	/	/	<=30	Pass
		Edge_1RB_Right	12.30	/	/	10.62	/	/	<=30	Pass
		Outer_Full	13.59	/	/	11.91	/	/	<=30	Pass

		Inner_Full	13.28	/	/	11.60	/	/	<=30	Pass
		Inner_1RB_Left	11.35	/	/	9.67	/	/	<=30	Pass
		Inner_1RB_Right	11.42	/	/	9.74	/	/	<=30	Pass
	3765	Edge_1RB_Left	12.25	/	/	10.57	/	/	<=30	Pass
		Edge_1RB_Right	12.19	/	/	10.51	/	/	<=30	Pass
		Outer_Full	13.68	/	/	12.00	/	/	<=30	Pass
		Inner_Full	13.38	/	/	11.70	/	/	<=30	Pass
		Inner_1RB_Left	11.25	/	/	9.57	/	/	<=30	Pass
		Inner_1RB_Right	11.29	/	/	9.61	/	/	<=30	Pass
CP-OFDM 64 QAM	3735	Edge_1RB_Left	11.30	/	/	9.62	/	/	<=30	Pass
		Edge_1RB_Right	11.63	/	/	9.95	/	/	<=30	Pass
		Outer_Full	12.59	/	/	10.91	/	/	<=30	Pass
		Inner_Full	12.83	/	/	11.15	/	/	<=30	Pass
		Inner_1RB_Left	10.30	/	/	8.62	/	/	<=30	Pass
		Inner_1RB_Right	10.79	/	/	9.11	/	/	<=30	Pass
	3750	Edge_1RB_Left	12.24	/	/	10.56	/	/	<=30	Pass
		Edge_1RB_Right	12.06	/	/	10.38	/	/	<=30	Pass
		Outer_Full	13.11	/	/	11.43	/	/	<=30	Pass
		Inner_Full	13.30	/	/	11.62	/	/	<=30	Pass
		Inner_1RB_Left	11.25	/	/	9.57	/	/	<=30	Pass
		Inner_1RB_Right	11.32	/	/	9.64	/	/	<=30	Pass
	3765	Edge_1RB_Left	12.09	/	/	10.41	/	/	<=30	Pass
		Edge_1RB_Right	12.11	/	/	10.43	/	/	<=30	Pass
		Outer_Full	13.22	/	/	11.54	/	/	<=30	Pass
		Inner_Full	13.40	/	/	11.72	/	/	<=30	Pass
		Inner_1RB_Left	11.09	/	/	9.41	/	/	<=30	Pass
		Inner_1RB_Right	11.11	/	/	9.43	/	/	<=30	Pass
CP-OFDM 256 QAM	3735	Edge_1RB_Left	7.85	/	/	6.17	/	/	<=30	Pass
		Edge_1RB_Right	8.17	/	/	6.49	/	/	<=30	Pass
		Outer_Full	10.10	/	/	8.42	/	/	<=30	Pass
		Inner_Full	10.39	/	/	8.71	/	/	<=30	Pass
		Inner_1RB_Left	6.82	/	/	5.14	/	/	<=30	Pass
		Inner_1RB_Right	7.21	/	/	5.53	/	/	<=30	Pass
	3750	Edge_1RB_Left	8.64	/	/	6.96	/	/	<=30	Pass
		Edge_1RB_Right	8.50	/	/	6.82	/	/	<=30	Pass
		Outer_Full	10.62	/	/	8.94	/	/	<=30	Pass
		Inner_Full	10.85	/	/	9.17	/	/	<=30	Pass
		Inner_1RB_Left	7.61	/	/	5.93	/	/	<=30	Pass
		Inner_1RB_Right	7.56	/	/	5.88	/	/	<=30	Pass
	3765	Edge_1RB_Left	8.56	/	/	6.88	/	/	<=30	Pass
		Edge_1RB_Right	8.38	/	/	6.70	/	/	<=30	Pass
		Outer_Full	10.39	/	/	8.71	/	/	<=30	Pass
		Inner_Full	10.69	/	/	9.01	/	/	<=30	Pass
		Inner_1RB_Left	7.51	/	/	5.83	/	/	<=30	Pass
		Inner_1RB_Right	7.44	/	/	5.76	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.17 30k_SISO_80MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3740.01	Edge_1RB_Left	14.15	/	/	12.47	/	/	<=30	Pass
		Edge_1RB_Right	14.51	/	/	12.83	/	/	<=30	Pass
		Outer_Full	14.11	/	/	12.43	/	/	<=30	Pass
		Inner_Full	13.72	/	/	12.04	/	/	<=30	Pass

		Inner_1RB_Left	14.01	/	/	12.33	/	/	<=30	Pass
		Inner_1RB_Right	14.55	/	/	12.87	/	/	<=30	Pass
	3750	Edge_1RB_Left	14.28	/	/	12.60	/	/	<=30	Pass
		Edge_1RB_Right	14.38	/	/	12.70	/	/	<=30	Pass
		Outer_Full	14.01	/	/	12.33	/	/	<=30	Pass
		Inner_Full	13.57	/	/	11.89	/	/	<=30	Pass
		Inner_1RB_Left	14.17	/	/	12.49	/	/	<=30	Pass
		Inner_1RB_Right	14.40	/	/	12.72	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	14.38	/	/	12.70	/	/	<=30	Pass
		Edge_1RB_Right	14.32	/	/	12.64	/	/	<=30	Pass
		Outer_Full	13.99	/	/	12.31	/	/	<=30	Pass
		Inner_Full	13.57	/	/	11.89	/	/	<=30	Pass
		Inner_1RB_Left	14.28	/	/	12.60	/	/	<=30	Pass
		Inner_1RB_Right	14.35	/	/	12.67	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3740.01	Edge_1RB_Left	13.76	/	/	12.08	/	/	<=30	Pass
		Edge_1RB_Right	14.35	/	/	12.67	/	/	<=30	Pass
		Outer_Full	13.96	/	/	12.28	/	/	<=30	Pass
		Inner_Full	13.69	/	/	12.01	/	/	<=30	Pass
		Inner_1RB_Left	13.88	/	/	12.20	/	/	<=30	Pass
		Inner_1RB_Right	14.40	/	/	12.72	/	/	<=30	Pass
	3750	Edge_1RB_Left	14.05	/	/	12.37	/	/	<=30	Pass
		Edge_1RB_Right	14.11	/	/	12.43	/	/	<=30	Pass
		Outer_Full	13.86	/	/	12.18	/	/	<=30	Pass
		Inner_Full	13.54	/	/	11.86	/	/	<=30	Pass
		Inner_1RB_Left	14.00	/	/	12.32	/	/	<=30	Pass
		Inner_1RB_Right	14.26	/	/	12.58	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	14.12	/	/	12.44	/	/	<=30	Pass
		Edge_1RB_Right	14.14	/	/	12.46	/	/	<=30	Pass
		Outer_Full	13.89	/	/	12.21	/	/	<=30	Pass
		Inner_Full	13.54	/	/	11.86	/	/	<=30	Pass
		Inner_1RB_Left	14.07	/	/	12.39	/	/	<=30	Pass
		Inner_1RB_Right	14.20	/	/	12.52	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3740.01	Edge_1RB_Left	13.97	/	/	12.29	/	/	<=30	Pass
		Edge_1RB_Right	14.59	/	/	12.91	/	/	<=30	Pass
		Outer_Full	13.92	/	/	12.24	/	/	<=30	Pass
		Inner_Full	13.66	/	/	11.98	/	/	<=30	Pass
		Inner_1RB_Left	14.10	/	/	12.42	/	/	<=30	Pass
		Inner_1RB_Right	14.65	/	/	12.97	/	/	<=30	Pass
	3750	Edge_1RB_Left	14.27	/	/	12.59	/	/	<=30	Pass
		Edge_1RB_Right	14.47	/	/	12.79	/	/	<=30	Pass
		Outer_Full	13.83	/	/	12.15	/	/	<=30	Pass
		Inner_Full	13.51	/	/	11.83	/	/	<=30	Pass
		Inner_1RB_Left	14.21	/	/	12.53	/	/	<=30	Pass
		Inner_1RB_Right	14.51	/	/	12.83	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	14.28	/	/	12.60	/	/	<=30	Pass
		Edge_1RB_Right	14.31	/	/	12.63	/	/	<=30	Pass
		Outer_Full	13.78	/	/	12.10	/	/	<=30	Pass
		Inner_Full	13.52	/	/	11.84	/	/	<=30	Pass
		Inner_1RB_Left	14.24	/	/	12.56	/	/	<=30	Pass
		Inner_1RB_Right	14.37	/	/	12.69	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3740.01	Edge_1RB_Left	13.09	/	/	11.41	/	/	<=30	Pass
		Edge_1RB_Right	13.47	/	/	11.79	/	/	<=30	Pass
		Outer_Full	12.53	/	/	10.85	/	/	<=30	Pass
		Inner_Full	12.72	/	/	11.04	/	/	<=30	Pass
		Inner_1RB_Left	13.04	/	/	11.36	/	/	<=30	Pass
		Inner_1RB_Right	13.52	/	/	11.84	/	/	<=30	Pass
	3750	Edge_1RB_Left	13.29	/	/	11.61	/	/	<=30	Pass
		Edge_1RB_Right	13.42	/	/	11.74	/	/	<=30	Pass
		Outer_Full	12.55	/	/	10.87	/	/	<=30	Pass

		Inner_Full	12.69	/	/	11.01	/	/	<=30	Pass
		Inner_1RB_Left	13.23	/	/	11.55	/	/	<=30	Pass
		Inner_1RB_Right	13.47	/	/	11.79	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	13.45	/	/	11.77	/	/	<=30	Pass
		Edge_1RB_Right	13.42	/	/	11.74	/	/	<=30	Pass
		Outer_Full	12.55	/	/	10.87	/	/	<=30	Pass
		Inner_Full	12.69	/	/	11.01	/	/	<=30	Pass
		Inner_1RB_Left	13.38	/	/	11.70	/	/	<=30	Pass
		Inner_1RB_Right	13.48	/	/	11.80	/	/	<=30	Pass
		Edge_1RB_Left	13.76	/	/	12.08	/	/	<=30	Pass
CP-OFDM QPSK	3740.01	Edge_1RB_Right	14.31	/	/	12.63	/	/	<=30	Pass
		Outer_Full	13.85	/	/	12.17	/	/	<=30	Pass
		Inner_Full	13.52	/	/	11.84	/	/	<=30	Pass
		Inner_1RB_Left	13.78	/	/	12.10	/	/	<=30	Pass
		Inner_1RB_Right	14.39	/	/	12.71	/	/	<=30	Pass
		Edge_1RB_Left	13.90	/	/	12.22	/	/	<=30	Pass
	3750	Edge_1RB_Right	14.15	/	/	12.47	/	/	<=30	Pass
		Outer_Full	13.77	/	/	12.09	/	/	<=30	Pass
		Inner_Full	13.40	/	/	11.72	/	/	<=30	Pass
		Inner_1RB_Left	13.82	/	/	12.14	/	/	<=30	Pass
		Inner_1RB_Right	14.28	/	/	12.60	/	/	<=30	Pass
		Edge_1RB_Left	14.04	/	/	12.36	/	/	<=30	Pass
	3759.99	Edge_1RB_Right	14.16	/	/	12.48	/	/	<=30	Pass
		Outer_Full	13.81	/	/	12.13	/	/	<=30	Pass
		Inner_Full	13.42	/	/	11.74	/	/	<=30	Pass
		Inner_1RB_Left	14.02	/	/	12.34	/	/	<=30	Pass
		Inner_1RB_Right	14.22	/	/	12.54	/	/	<=30	Pass
		Edge_1RB_Left	13.56	/	/	11.88	/	/	<=30	Pass
CP-OFDM 16 QAM	3740.01	Edge_1RB_Right	14.12	/	/	12.44	/	/	<=30	Pass
		Outer_Full	13.80	/	/	12.12	/	/	<=30	Pass
		Inner_Full	13.52	/	/	11.84	/	/	<=30	Pass
		Inner_1RB_Left	13.60	/	/	11.92	/	/	<=30	Pass
		Inner_1RB_Right	14.18	/	/	12.50	/	/	<=30	Pass
		Edge_1RB_Left	13.73	/	/	12.05	/	/	<=30	Pass
	3750	Edge_1RB_Right	14.00	/	/	12.32	/	/	<=30	Pass
		Outer_Full	13.74	/	/	12.06	/	/	<=30	Pass
		Inner_Full	13.40	/	/	11.72	/	/	<=30	Pass
		Inner_1RB_Left	13.63	/	/	11.95	/	/	<=30	Pass
		Inner_1RB_Right	14.07	/	/	12.39	/	/	<=30	Pass
		Edge_1RB_Left	13.85	/	/	12.17	/	/	<=30	Pass
	3759.99	Edge_1RB_Right	13.95	/	/	12.27	/	/	<=30	Pass
		Outer_Full	13.77	/	/	12.09	/	/	<=30	Pass
		Inner_Full	13.42	/	/	11.74	/	/	<=30	Pass
		Inner_1RB_Left	13.86	/	/	12.18	/	/	<=30	Pass
		Inner_1RB_Right	14.05	/	/	12.37	/	/	<=30	Pass
		Edge_1RB_Left	13.94	/	/	12.26	/	/	<=30	Pass
CP-OFDM 64 QAM	3740.01	Edge_1RB_Right	14.53	/	/	12.85	/	/	<=30	Pass
		Outer_Full	13.35	/	/	11.67	/	/	<=30	Pass
		Inner_Full	13.51	/	/	11.83	/	/	<=30	Pass
		Inner_1RB_Left	13.94	/	/	12.26	/	/	<=30	Pass
		Inner_1RB_Right	14.59	/	/	12.91	/	/	<=30	Pass
		Edge_1RB_Left	14.08	/	/	12.40	/	/	<=30	Pass
	3750	Edge_1RB_Right	14.31	/	/	12.63	/	/	<=30	Pass
		Outer_Full	13.27	/	/	11.59	/	/	<=30	Pass
		Inner_Full	13.39	/	/	11.71	/	/	<=30	Pass
		Inner_1RB_Left	14.00	/	/	12.32	/	/	<=30	Pass
		Inner_1RB_Right	14.47	/	/	12.79	/	/	<=30	Pass
		Edge_1RB_Left	14.23	/	/	12.55	/	/	<=30	Pass
	3759.99	Edge_1RB_Right	14.38	/	/	12.70	/	/	<=30	Pass

CP-OFDM 256 QAM		Outer_Full	13.28	/	/	11.60	/	/	<=30	Pass	
		Inner_Full	13.41	/	/	11.73	/	/	<=30	Pass	
		Inner_1RB_Left	14.21	/	/	12.53	/	/	<=30	Pass	
		Inner_1RB_Right	14.45	/	/	12.77	/	/	<=30	Pass	
	3740.01	Edge_1RB_Left	11.51	/	/	9.83	/	/	<=30	Pass	
		Edge_1RB_Right	11.87	/	/	10.19	/	/	<=30	Pass	
		Outer_Full	10.86	/	/	9.18	/	/	<=30	Pass	
		Inner_Full	11.06	/	/	9.38	/	/	<=30	Pass	
		Inner_1RB_Left	11.52	/	/	9.84	/	/	<=30	Pass	
		Inner_1RB_Right	11.96	/	/	10.28	/	/	<=30	Pass	
		3750	Edge_1RB_Left	11.50	/	/	9.82	/	/	<=30	Pass
			Edge_1RB_Right	11.72	/	/	10.04	/	/	<=30	Pass
			Outer_Full	10.76	/	/	9.08	/	/	<=30	Pass
			Inner_Full	10.92	/	/	9.24	/	/	<=30	Pass
			Inner_1RB_Left	11.60	/	/	9.92	/	/	<=30	Pass
			Inner_1RB_Right	11.79	/	/	10.11	/	/	<=30	Pass
		3759.99	Edge_1RB_Left	11.62	/	/	9.94	/	/	<=30	Pass
			Edge_1RB_Right	11.37	/	/	9.69	/	/	<=30	Pass
			Outer_Full	10.64	/	/	8.96	/	/	<=30	Pass
			Inner_Full	10.81	/	/	9.13	/	/	<=30	Pass
			Inner_1RB_Left	11.60	/	/	9.92	/	/	<=30	Pass
			Inner_1RB_Right	11.63	/	/	9.95	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.18 30k_SISO_90MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3745.02	Edge 1RB Left	13.54	/	/	11.86	/	/	<=30	Pass
		Edge 1RB Right	14.25	/	/	12.57	/	/	<=30	Pass
		Outer Full	14.00	/	/	12.32	/	/	<=30	Pass
		Inner Full	13.51	/	/	11.83	/	/	<=30	Pass
		Inner 1RB Left	13.48	/	/	11.80	/	/	<=30	Pass
		Inner 1RB Right	14.19	/	/	12.51	/	/	<=30	Pass
	3750	Edge 1RB Left	14.01	/	/	12.33	/	/	<=30	Pass
		Edge 1RB Right	14.28	/	/	12.60	/	/	<=30	Pass
		Outer Full	14.27	/	/	12.59	/	/	<=30	Pass
		Inner Full	13.67	/	/	11.99	/	/	<=30	Pass
		Inner 1RB Left	13.91	/	/	12.23	/	/	<=30	Pass
		Inner 1RB Right	14.31	/	/	12.63	/	/	<=30	Pass
	3754.98	Edge 1RB Left	13.97	/	/	12.29	/	/	<=30	Pass
		Edge 1RB Right	13.92	/	/	12.24	/	/	<=30	Pass
		Outer Full	14.08	/	/	12.40	/	/	<=30	Pass
		Inner Full	13.59	/	/	11.91	/	/	<=30	Pass
		Inner 1RB Left	13.91	/	/	12.23	/	/	<=30	Pass
		Inner 1RB Right	13.98	/	/	12.30	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3745.02	Edge 1RB Left	13.33	/	/	11.65	/	/	<=30	Pass
		Edge 1RB Right	14.08	/	/	12.40	/	/	<=30	Pass
		Outer Full	13.87	/	/	12.19	/	/	<=30	Pass
		Inner Full	13.49	/	/	11.81	/	/	<=30	Pass
		Inner 1RB Left	13.30	/	/	11.62	/	/	<=30	Pass
		Inner 1RB Right	14.17	/	/	12.49	/	/	<=30	Pass
	3750	Edge 1RB Left	13.71	/	/	12.03	/	/	<=30	Pass
		Edge 1RB Right	14.05	/	/	12.37	/	/	<=30	Pass
		Outer Full	14.02	/	/	12.34	/	/	<=30	Pass

		Inner_Full	13.60	/	/	11.92	/	/	<=30	Pass
		Inner_1RB_Left	13.68	/	/	12.00	/	/	<=30	Pass
		Inner_1RB_Right	14.00	/	/	12.32	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	13.75	/	/	12.07	/	/	<=30	Pass
		Edge_1RB_Right	13.71	/	/	12.03	/	/	<=30	Pass
		Outer_Full	13.94	/	/	12.26	/	/	<=30	Pass
		Inner_Full	13.56	/	/	11.88	/	/	<=30	Pass
		Inner_1RB_Left	13.72	/	/	12.04	/	/	<=30	Pass
		Inner_1RB_Right	13.81	/	/	12.13	/	/	<=30	Pass
		Edge_1RB_Left	13.58	/	/	11.90	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3745.02	Edge_1RB_Right	14.36	/	/	12.68	/	/	<=30	Pass
		Outer_Full	13.84	/	/	12.16	/	/	<=30	Pass
		Inner_Full	13.46	/	/	11.78	/	/	<=30	Pass
		Inner_1RB_Left	13.44	/	/	11.76	/	/	<=30	Pass
		Inner_1RB_Right	14.45	/	/	12.77	/	/	<=30	Pass
		Edge_1RB_Left	13.91	/	/	12.23	/	/	<=30	Pass
	3750	Edge_1RB_Right	14.21	/	/	12.53	/	/	<=30	Pass
		Outer_Full	13.95	/	/	12.27	/	/	<=30	Pass
		Inner_Full	13.55	/	/	11.87	/	/	<=30	Pass
		Inner_1RB_Left	13.88	/	/	12.20	/	/	<=30	Pass
		Inner_1RB_Right	14.34	/	/	12.66	/	/	<=30	Pass
		Edge_1RB_Left	13.89	/	/	12.21	/	/	<=30	Pass
	3754.98	Edge_1RB_Right	13.90	/	/	12.22	/	/	<=30	Pass
		Outer_Full	13.91	/	/	12.23	/	/	<=30	Pass
		Inner_Full	13.51	/	/	11.83	/	/	<=30	Pass
		Inner_1RB_Left	13.85	/	/	12.17	/	/	<=30	Pass
		Inner_1RB_Right	13.98	/	/	12.30	/	/	<=30	Pass
		Edge_1RB_Left	12.51	/	/	10.83	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3745.02	Edge_1RB_Right	13.23	/	/	11.55	/	/	<=30	Pass
		Outer_Full	12.44	/	/	10.76	/	/	<=30	Pass
		Inner_Full	12.52	/	/	10.84	/	/	<=30	Pass
		Inner_1RB_Left	12.48	/	/	10.80	/	/	<=30	Pass
		Inner_1RB_Right	13.32	/	/	11.64	/	/	<=30	Pass
		Edge_1RB_Left	12.92	/	/	11.24	/	/	<=30	Pass
	3750	Edge_1RB_Right	13.22	/	/	11.54	/	/	<=30	Pass
		Outer_Full	12.60	/	/	10.92	/	/	<=30	Pass
		Inner_Full	12.71	/	/	11.03	/	/	<=30	Pass
		Inner_1RB_Left	12.89	/	/	11.21	/	/	<=30	Pass
		Inner_1RB_Right	13.30	/	/	11.62	/	/	<=30	Pass
		Edge_1RB_Left	12.92	/	/	11.24	/	/	<=30	Pass
	3754.98	Edge_1RB_Right	12.98	/	/	11.30	/	/	<=30	Pass
		Outer_Full	12.57	/	/	10.89	/	/	<=30	Pass
		Inner_Full	12.70	/	/	11.02	/	/	<=30	Pass
		Inner_1RB_Left	13.00	/	/	11.32	/	/	<=30	Pass
		Inner_1RB_Right	13.08	/	/	11.40	/	/	<=30	Pass
		Edge_1RB_Left	13.27	/	/	11.59	/	/	<=30	Pass
CP-OFDM QPSK	3745.02	Edge_1RB_Right	14.16	/	/	12.48	/	/	<=30	Pass
		Outer_Full	13.75	/	/	12.07	/	/	<=30	Pass
		Inner_Full	13.35	/	/	11.67	/	/	<=30	Pass
		Inner_1RB_Left	13.28	/	/	11.60	/	/	<=30	Pass
		Inner_1RB_Right	14.20	/	/	12.52	/	/	<=30	Pass
		Edge_1RB_Left	13.57	/	/	11.89	/	/	<=30	Pass
	3750	Edge_1RB_Right	14.00	/	/	12.32	/	/	<=30	Pass
		Outer_Full	13.80	/	/	12.12	/	/	<=30	Pass
		Inner_Full	13.41	/	/	11.73	/	/	<=30	Pass
		Inner_1RB_Left	13.56	/	/	11.88	/	/	<=30	Pass
		Inner_1RB_Right	14.03	/	/	12.35	/	/	<=30	Pass
		Edge_1RB_Left	13.64	/	/	11.96	/	/	<=30	Pass
	3754.98	Edge_1RB_Right	13.80	/	/	12.12	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -1.68dBi:

Note2: EIRP=Conducted Power+Antenna Gain

1.1.19 30k_SISO_100MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 100MHz NTV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3750	Edge_1RB_Left	12.73	/	/	11.05	/	/	<=30	Pass
		Edge_1RB_Right	13.09	/	/	11.41	/	/	<=30	Pass
		Outer_Full	13.90	/	/	12.22	/	/	<=30	Pass
		Inner_Full	13.46	/	/	11.78	/	/	<=30	Pass
		Inner_1RB_Left	12.70	/	/	11.02	/	/	<=30	Pass
		Inner_1RB_Right	13.19	/	/	11.51	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Edge_1RB_Left	12.46	/	/	10.78	/	/	<=30	Pass
		Edge_1RB_Right	12.98	/	/	11.30	/	/	<=30	Pass
		Outer_Full	13.71	/	/	12.03	/	/	<=30	Pass
		Inner_Full	13.43	/	/	11.75	/	/	<=30	Pass
		Inner_1RB_Left	12.48	/	/	10.80	/	/	<=30	Pass
		Inner_1RB_Right	13.13	/	/	11.45	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Edge_1RB_Left	12.72	/	/	11.04	/	/	<=30	Pass
		Edge_1RB_Right	13.19	/	/	11.51	/	/	<=30	Pass
		Outer_Full	13.67	/	/	11.99	/	/	<=30	Pass
		Inner_Full	13.41	/	/	11.73	/	/	<=30	Pass
		Inner_1RB_Left	12.74	/	/	11.06	/	/	<=30	Pass
		Inner_1RB_Right	13.31	/	/	11.63	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Edge_1RB_Left	11.68	/	/	10.00	/	/	<=30	Pass
		Edge_1RB_Right	12.14	/	/	10.46	/	/	<=30	Pass
		Outer_Full	12.37	/	/	10.69	/	/	<=30	Pass
		Inner_Full	12.59	/	/	10.91	/	/	<=30	Pass
		Inner_1RB_Left	11.71	/	/	10.03	/	/	<=30	Pass
		Inner_1RB_Right	12.28	/	/	10.60	/	/	<=30	Pass
CP-OFDM QPSK	3750	Edge_1RB_Left	12.43	/	/	10.75	/	/	<=30	Pass
		Edge_1RB_Right	13.02	/	/	11.34	/	/	<=30	Pass
		Outer_Full	13.60	/	/	11.92	/	/	<=30	Pass
		Inner_Full	13.28	/	/	11.60	/	/	<=30	Pass
		Inner_1RB_Left	12.48	/	/	10.80	/	/	<=30	Pass
		Inner_1RB_Right	13.13	/	/	11.45	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Edge_1RB_Left	12.26	/	/	10.58	/	/	<=30	Pass
		Edge_1RB_Right	12.88	/	/	11.20	/	/	<=30	Pass
		Outer_Full	13.56	/	/	11.88	/	/	<=30	Pass
		Inner_Full	13.28	/	/	11.60	/	/	<=30	Pass
		Inner_1RB_Left	12.14	/	/	10.46	/	/	<=30	Pass
		Inner_1RB_Right	12.99	/	/	11.31	/	/	<=30	Pass
CP-OFDM 64 QAM	3750	Edge_1RB_Left	12.62	/	/	10.94	/	/	<=30	Pass
		Edge_1RB_Right	13.23	/	/	11.55	/	/	<=30	Pass
		Outer_Full	13.08	/	/	11.40	/	/	<=30	Pass
		Inner_Full	13.27	/	/	11.59	/	/	<=30	Pass
		Inner_1RB_Left	12.66	/	/	10.98	/	/	<=30	Pass
		Inner_1RB_Right	13.35	/	/	11.67	/	/	<=30	Pass
CP-OFDM 256 QAM	3750	Edge_1RB_Left	10.09	/	/	8.41	/	/	<=30	Pass
		Edge_1RB_Right	10.50	/	/	8.82	/	/	<=30	Pass
		Outer_Full	10.55	/	/	8.87	/	/	<=30	Pass
		Inner_Full	10.78	/	/	9.10	/	/	<=30	Pass
		Inner_1RB_Left	10.15	/	/	8.47	/	/	<=30	Pass
		Inner_1RB_Right	10.64	/	/	8.96	/	/	<=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 n78a 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	3750	Outer_Full	20	LV	7.20	0.0019	>=-2.5 & <=2.5	Pass
				HV	-3.40	-0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	8.00	0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	7.00	0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	7.60	0.0020	>=-2.5 & <=2.5	Pass
			0	NV	9.30	0.0025	>=-2.5 & <=2.5	Pass
			10	NV	6.70	0.0018	>=-2.5 & <=2.5	Pass
			20	NV	5.70	0.0015	>=-2.5 & <=2.5	Pass
			30	NV	5.80	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	9.50	0.0025	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	6.80	0.0018	>=-2.5 & <=2.5	Pass
				HV	7.00	0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	4.40	0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	2.90	0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	5.10	0.0014	>=-2.5 & <=2.5	Pass
			0	NV	8.50	0.0023	>=-2.5 & <=2.5	Pass
			10	NV	3.10	0.0008	>=-2.5 & <=2.5	Pass
			20	NV	11.00	0.0029	>=-2.5 & <=2.5	Pass
			30	NV	9.60	0.0026	>=-2.5 & <=2.5	Pass
			40	NV	5.50	0.0015	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	4.70	0.0013	>=-2.5 & <=2.5	Pass
				HV	9.50	0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	4.30	0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	10.70	0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	6.90	0.0018	>=-2.5 & <=2.5	Pass
			0	NV	7.20	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	8.80	0.0023	>=-2.5 & <=2.5	Pass
			20	NV	7.50	0.0020	>=-2.5 & <=2.5	Pass
			30	NV	5.30	0.0014	>=-2.5 & <=2.5	Pass
			40	NV	2.60	0.0007	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	3.40	0.0009	>=-2.5 & <=2.5	Pass
				HV	6.60	0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	5.80	0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	5.40	0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-1.90	-0.0005	>=-2.5 & <=2.5	Pass
			0	NV	5.50	0.0015	>=-2.5 & <=2.5	Pass
			10	NV	2.30	0.0006	>=-2.5 & <=2.5	Pass
			20	NV	6.40	0.0017	>=-2.5 & <=2.5	Pass
			30	NV	8.60	0.0023	>=-2.5 & <=2.5	Pass
			40	NV	5.40	0.0014	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-4.80	-0.0013	>=-2.5 & <=2.5	Pass
				HV	-4.40	-0.0012	>=-2.5 & <=2.5	Pass

			-30	NV	-3.80	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	1.70	0.0005	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	11.20	0.0030	≥ -2.5 & ≤ 2.5	Pass
			0	NV	10.70	0.0029	≥ -2.5 & ≤ 2.5	Pass
			10	NV	10.80	0.0029	≥ -2.5 & ≤ 2.5	Pass
			20	NV	7.70	0.0021	≥ -2.5 & ≤ 2.5	Pass
			30	NV	10.40	0.0028	≥ -2.5 & ≤ 2.5	Pass
			40	NV	10.40	0.0028	≥ -2.5 & ≤ 2.5	Pass
			50	NV	9.70	0.0026	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	6.40	0.0017	≥ -2.5 & ≤ 2.5	Pass
				HV	4.20	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	8.30	0.0022	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	6.20	0.0017	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	5.50	0.0015	≥ -2.5 & ≤ 2.5	Pass
			0	NV	9.40	0.0025	≥ -2.5 & ≤ 2.5	Pass
			10	NV	3.80	0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	NV	4.50	0.0012	≥ -2.5 & ≤ 2.5	Pass
			30	NV	6.50	0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	4.00	0.0011	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	4.60	0.0012	≥ -2.5 & ≤ 2.5	Pass
				HV	8.50	0.0023	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	7.80	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	4.40	0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.00	0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	3.30	0.0009	≥ -2.5 & ≤ 2.5	Pass
			10	NV	4.00	0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	NV	5.00	0.0013	≥ -2.5 & ≤ 2.5	Pass
			30	NV	4.70	0.0013	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.80	0.0015	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	5.80	0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	2.10	0.0006	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	5.00	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	1.50	0.0004	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	3.80	0.0010	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-1.10	-0.0003	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-1.30	-0.0003	≥ -2.5 & ≤ 2.5	Pass
			20	NV	1.10	0.0003	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-1.60	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			40	NV	2.10	0.0006	≥ -2.5 & ≤ 2.5	Pass
			50	NV	3.70	0.0010	≥ -2.5 & ≤ 2.5	Pass

2.1.2 15k_SISO_15MHz

5G NR n78a 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	3750	Outer_Full	20	LV	-5.20	-0.0014	≥ -2.5 & ≤ 2.5	Pass
				HV	-1.70	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	7.20	0.0019	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	7.10	0.0019	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	11.40	0.0030	≥ -2.5 & ≤ 2.5	Pass
			0	NV	5.70	0.0015	≥ -2.5 & ≤ 2.5	Pass
			10	NV	7.20	0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	NV	6.70	0.0018	≥ -2.5 & ≤ 2.5	Pass
			30	NV	6.30	0.0017	≥ -2.5 & ≤ 2.5	Pass

			40	NV	6.30	0.0017	≥ -2.5 & ≤ 2.5	Pass
			50	NV	9.10	0.0024	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	4.90	0.0013	≥ -2.5 & ≤ 2.5	Pass
				HV	4.40	0.0012	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	2.50	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	4.70	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.70	0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	6.80	0.0018	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-1.80	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			20	NV	4.50	0.0012	≥ -2.5 & ≤ 2.5	Pass
			30	NV	3.50	0.0009	≥ -2.5 & ≤ 2.5	Pass
			40	NV	11.70	0.0031	≥ -2.5 & ≤ 2.5	Pass
			50	NV	4.60	0.0012	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	5.30	0.0014	≥ -2.5 & ≤ 2.5	Pass
				HV	4.80	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	6.30	0.0017	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	5.00	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.40	0.0012	≥ -2.5 & ≤ 2.5	Pass
			0	NV	2.90	0.0008	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.10	0.0006	≥ -2.5 & ≤ 2.5	Pass
			20	NV	4.50	0.0012	≥ -2.5 & ≤ 2.5	Pass
			30	NV	7.50	0.0020	≥ -2.5 & ≤ 2.5	Pass
			40	NV	7.30	0.0019	≥ -2.5 & ≤ 2.5	Pass
			50	NV	4.80	0.0013	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	6.60	0.0018	≥ -2.5 & ≤ 2.5	Pass
				HV	1.70	0.0005	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	5.60	0.0015	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.00	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	/	0.0020	≥ -2.5 & ≤ 2.5	0.0020
			0	NV	-8.80	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.60	0.0007	≥ -2.5 & ≤ 2.5	Pass
			20	NV	10.00	0.0027	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.00	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.00	0.0013	≥ -2.5 & ≤ 2.5	Pass
			50	NV	8.30	0.0022	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	8.20	0.0022	≥ -2.5 & ≤ 2.5	Pass
				HV	5.10	0.0014	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	7.80	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	4.10	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	10.50	0.0028	≥ -2.5 & ≤ 2.5	Pass
			0	NV	10.60	0.0028	≥ -2.5 & ≤ 2.5	Pass
			10	NV	7.30	0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	NV	8.20	0.0022	≥ -2.5 & ≤ 2.5	Pass
			30	NV	2.40	0.0006	≥ -2.5 & ≤ 2.5	Pass
			40	NV	6.50	0.0017	≥ -2.5 & ≤ 2.5	Pass
			50	NV	4.90	0.0013	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	6.00	0.0016	≥ -2.5 & ≤ 2.5	Pass
				HV	7.40	0.0020	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	5.10	0.0014	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	5.30	0.0014	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	6.80	0.0018	≥ -2.5 & ≤ 2.5	Pass
			0	NV	2.40	0.0006	≥ -2.5 & ≤ 2.5	Pass
			10	NV	5.40	0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	NV	3.60	0.0010	≥ -2.5 & ≤ 2.5	Pass
			30	NV	6.40	0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.60	0.0015	≥ -2.5 & ≤ 2.5	Pass
			50	NV	3.30	0.0009	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	2.10	0.0006	≥ -2.5 & ≤ 2.5	Pass
				HV	3.00	0.0008	≥ -2.5 & ≤ 2.5	Pass

			-30	NV	3.60	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	5.70	0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	7.10	0.0019	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-0.60	-0.0002	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.30	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			20	NV	3.70	0.0010	≥ -2.5 & ≤ 2.5	Pass
			30	NV	5.20	0.0014	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.40	0.0014	≥ -2.5 & ≤ 2.5	Pass
			50	NV	4.40	0.0012	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	5.60	0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	1.30	0.0003	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	3.50	0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	1.50	0.0004	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	2.40	0.0006	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.70	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.50	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	NV	1.30	0.0003	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.20	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-1.80	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			50	NV	5.50	0.0015	≥ -2.5 & ≤ 2.5	Pass

2.1.3 15k_SISO_20MHz

5G NR n78a 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	3750	Outer_Full	20	LV	4.50	0.0012	≥ -2.5 & ≤ 2.5	Pass
				HV	9.70	0.0026	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	9.10	0.0024	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	8.90	0.0024	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	8.00	0.0021	≥ -2.5 & ≤ 2.5	Pass
			0	NV	18.70	0.0050	≥ -2.5 & ≤ 2.5	Pass
			10	NV	12.90	0.0034	≥ -2.5 & ≤ 2.5	Pass
			20	NV	7.40	0.0020	≥ -2.5 & ≤ 2.5	Pass
			30	NV	24.20	0.0065	≥ -2.5 & ≤ 2.5	Pass
			40	NV	11.70	0.0031	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	9.20	0.0025	≥ -2.5 & ≤ 2.5	Pass
				HV	8.10	0.0022	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	12.90	0.0034	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	6.50	0.0017	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	7.20	0.0019	≥ -2.5 & ≤ 2.5	Pass
			0	NV	11.00	0.0029	≥ -2.5 & ≤ 2.5	Pass
			10	NV	7.80	0.0021	≥ -2.5 & ≤ 2.5	Pass
			20	NV	9.10	0.0024	≥ -2.5 & ≤ 2.5	Pass
			30	NV	8.40	0.0022	≥ -2.5 & ≤ 2.5	Pass
			40	NV	4.80	0.0013	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	10.00	0.0027	≥ -2.5 & ≤ 2.5	Pass
				HV	7.20	0.0019	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	13.20	0.0035	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	7.50	0.0020	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	11.00	0.0029	≥ -2.5 & ≤ 2.5	Pass
			0	NV	11.60	0.0031	≥ -2.5 & ≤ 2.5	Pass
			10	NV	12.20	0.0033	≥ -2.5 & ≤ 2.5	Pass
			20	NV	13.80	0.0037	≥ -2.5 & ≤ 2.5	Pass
			30	NV	11.20	0.0030	≥ -2.5 & ≤ 2.5	Pass

			40	NV	11.30	0.0030	≥ -2.5 & ≤ 2.5	Pass
			50	NV	10.80	0.0029	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	9.50	0.0025	≥ -2.5 & ≤ 2.5	Pass
				HV	8.10	0.0022	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	5.80	0.0015	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.00	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	/	0.0037	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-10.70	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			10	NV	4.50	0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	NV	9.90	0.0026	≥ -2.5 & ≤ 2.5	Pass
			30	NV	10.60	0.0028	≥ -2.5 & ≤ 2.5	Pass
			40	NV	11.40	0.0030	≥ -2.5 & ≤ 2.5	Pass
			50	NV	9.40	0.0025	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	4.50	0.0012	≥ -2.5 & ≤ 2.5	Pass
				HV	2.90	0.0008	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	6.60	0.0018	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	5.10	0.0014	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	3.70	0.0010	≥ -2.5 & ≤ 2.5	Pass
			0	NV	5.80	0.0015	≥ -2.5 & ≤ 2.5	Pass
			10	NV	6.20	0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	NV	6.70	0.0018	≥ -2.5 & ≤ 2.5	Pass
			30	NV	6.20	0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	3.90	0.0010	≥ -2.5 & ≤ 2.5	Pass
			50	NV	6.20	0.0017	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	5.10	0.0014	≥ -2.5 & ≤ 2.5	Pass
				HV	5.70	0.0015	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	4.10	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	4.80	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	5.40	0.0014	≥ -2.5 & ≤ 2.5	Pass
			0	NV	6.00	0.0016	≥ -2.5 & ≤ 2.5	Pass
			10	NV	5.20	0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.40	0.0006	≥ -2.5 & ≤ 2.5	Pass
			30	NV	5.50	0.0015	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.00	0.0013	≥ -2.5 & ≤ 2.5	Pass
			50	NV	4.10	0.0011	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	6.30	0.0017	≥ -2.5 & ≤ 2.5	Pass
				HV	6.70	0.0018	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	3.20	0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	4.40	0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	2.90	0.0008	≥ -2.5 & ≤ 2.5	Pass
			0	NV	4.20	0.0011	≥ -2.5 & ≤ 2.5	Pass
			10	NV	4.10	0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.60	0.0007	≥ -2.5 & ≤ 2.5	Pass
			30	NV	3.20	0.0009	≥ -2.5 & ≤ 2.5	Pass
			40	NV	3.80	0.0010	≥ -2.5 & ≤ 2.5	Pass
			50	NV	1.50	0.0004	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	2.40	0.0006	≥ -2.5 & ≤ 2.5	Pass
				HV	2.70	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	1.90	0.0005	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.40	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.20	-0.0003	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.10	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.40	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			20	NV	3.40	0.0009	≥ -2.5 & ≤ 2.5	Pass
			30	NV	2.30	0.0006	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.80	0.0015	≥ -2.5 & ≤ 2.5	Pass
			50	NV	3.70	0.0010	≥ -2.5 & ≤ 2.5	Pass

2.1.4 15k_SISO_25MHz

5G NR n78a 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	3750	Outer_Full	20	LV	6.90	0.0018	>=-2.5 & <=2.5	Pass
				HV	9.40	0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	12.10	0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	15.20	0.0041	>=-2.5 & <=2.5	Pass
			-10	NV	9.60	0.0026	>=-2.5 & <=2.5	Pass
			0	NV	9.60	0.0026	>=-2.5 & <=2.5	Pass
			10	NV	16.40	0.0044	>=-2.5 & <=2.5	Pass
			20	NV	10.80	0.0029	>=-2.5 & <=2.5	Pass
			30	NV	9.90	0.0026	>=-2.5 & <=2.5	Pass
			40	NV	10.90	0.0029	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	9.80	0.0026	>=-2.5 & <=2.5	Pass
				HV	11.60	0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	7.40	0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	10.80	0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	11.40	0.0030	>=-2.5 & <=2.5	Pass
			0	NV	15.90	0.0042	>=-2.5 & <=2.5	Pass
			10	NV	10.40	0.0028	>=-2.5 & <=2.5	Pass
			20	NV	14.80	0.0039	>=-2.5 & <=2.5	Pass
			30	NV	12.10	0.0032	>=-2.5 & <=2.5	Pass
			40	NV	12.10	0.0032	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	15.50	0.0041	>=-2.5 & <=2.5	Pass
				HV	15.70	0.0042	>=-2.5 & <=2.5	Pass
			-30	NV	14.50	0.0039	>=-2.5 & <=2.5	Pass
			-20	NV	14.30	0.0038	>=-2.5 & <=2.5	Pass
			-10	NV	11.80	0.0031	>=-2.5 & <=2.5	Pass
			0	NV	9.80	0.0026	>=-2.5 & <=2.5	Pass
			10	NV	12.20	0.0044	>=-2.5 & <=2.5	Pass
			20	NV	16.40	0.0044	>=-2.5 & <=2.5	Pass
			30	NV	7.70	0.0021	>=-2.5 & <=2.5	Pass
			40	NV	10.70	0.0029	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	8.80	0.0023	>=-2.5 & <=2.5	Pass
				HV	11.30	0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	7.20	0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	/	0.0044	>=-2.5 & <=2.5	Pass
			-10	NV	2.30	0.0006	>=-2.5 & <=2.5	Pass
			0	NV	7.60	0.0020	>=-2.5 & <=2.5	Pass
			10	NV	12.80	0.0034	>=-2.5 & <=2.5	Pass
			20	NV	16.20	0.0043	>=-2.5 & <=2.5	Pass
			30	NV	13.10	0.0035	>=-2.5 & <=2.5	Pass
			40	NV	13.10	0.0035	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	4.20	0.0011	>=-2.5 & <=2.5	Pass
				HV	4.90	0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	7.00	0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	9.80	0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	7.10	0.0019	>=-2.5 & <=2.5	Pass
			0	NV	8.00	0.0021	>=-2.5 & <=2.5	Pass
			10	NV	7.10	0.0019	>=-2.5 & <=2.5	Pass
			20	NV	7.20	0.0019	>=-2.5 & <=2.5	Pass
			30	NV	7.40	0.0020	>=-2.5 & <=2.5	Pass

CP-OFDM 16 QAM	3750	Outer_Full	40	NV	6.60	0.0018	>=-2.5 & <=2.5	Pass
			50	NV	6.00	0.0016	>=-2.5 & <=2.5	Pass
			20	LV	5.40	0.0014	>=-2.5 & <=2.5	Pass
				HV	5.00	0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	5.00	0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	5.00	0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	7.40	0.0020	>=-2.5 & <=2.5	Pass
			0	NV	5.90	0.0016	>=-2.5 & <=2.5	Pass
			10	NV	9.20	0.0025	>=-2.5 & <=2.5	Pass
			20	NV	7.20	0.0019	>=-2.5 & <=2.5	Pass
			30	NV	5.50	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	6.20	0.0017	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	6.40	0.0017	>=-2.5 & <=2.5	Pass
				HV	8.00	0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	6.00	0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	7.30	0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	7.40	0.0020	>=-2.5 & <=2.5	Pass
			0	NV	7.60	0.0020	>=-2.5 & <=2.5	Pass
			10	NV	4.00	0.0011	>=-2.5 & <=2.5	Pass
			20	NV	9.50	0.0025	>=-2.5 & <=2.5	Pass
			30	NV	5.80	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	8.60	0.0023	>=-2.5 & <=2.5	Pass
			50	NV	8.80	0.0023	>=-2.5 & <=2.5	Pass
				NV	8.80	0.0023	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	9.50	0.0025	>=-2.5 & <=2.5	Pass
				HV	4.60	0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	7.60	0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	4.10	0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	3.20	0.0009	>=-2.5 & <=2.5	Pass
			0	NV	7.90	0.0021	>=-2.5 & <=2.5	Pass
			10	NV	7.40	0.0020	>=-2.5 & <=2.5	Pass
			20	NV	3.60	0.0010	>=-2.5 & <=2.5	Pass
			30	NV	4.40	0.0012	>=-2.5 & <=2.5	Pass
			40	NV	1.20	0.0003	>=-2.5 & <=2.5	Pass
			50	NV	4.80	0.0013	>=-2.5 & <=2.5	Pass
				NV	4.80	0.0013	>=-2.5 & <=2.5	Pass

2.1.5 15k_SISO_30MHz

5G NR n78a 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	3750	Outer_Full	20	LV	2.80	0.0007	>=-2.5 & <=2.5	Pass
				HV	9.60	0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	8.00	0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	9.70	0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	11.70	0.0031	>=-2.5 & <=2.5	Pass
			0	NV	12.10	0.0032	>=-2.5 & <=2.5	Pass
			10	NV	8.80	0.0023	>=-2.5 & <=2.5	Pass
			20	NV	11.20	0.0030	>=-2.5 & <=2.5	Pass
			30	NV	9.30	0.0025	>=-2.5 & <=2.5	Pass
			40	NV	14.40	0.0038	>=-2.5 & <=2.5	Pass
			50	NV	8.00	0.0021	>=-2.5 & <=2.5	Pass
				NV	8.00	0.0021	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	8.90	0.0024	>=-2.5 & <=2.5	Pass
				HV	9.10	0.0024	>=-2.5 & <=2.5	Pass
			-30	NV	6.90	0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	6.00	0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	10.60	0.0028	>=-2.5 & <=2.5	Pass

			0	NV	11.30	0.0030	≥ -2.5 & ≤ 2.5	Pass
			10	NV	9.60	0.0026	≥ -2.5 & ≤ 2.5	Pass
			20	NV	11.10	0.0030	≥ -2.5 & ≤ 2.5	Pass
			30	NV	8.80	0.0023	≥ -2.5 & ≤ 2.5	Pass
			40	NV	8.80	0.0023	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	50	NV	10.30	0.0027	≥ -2.5 & ≤ 2.5	Pass
			20	LV	12.20	0.0033	≥ -2.5 & ≤ 2.5	Pass
				HV	7.50	0.0020	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	10.20	0.0027	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	11.60	0.0031	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	8.40	0.0022	≥ -2.5 & ≤ 2.5	Pass
			0	NV	9.90	0.0026	≥ -2.5 & ≤ 2.5	Pass
			10	NV	11.30	0.0030	≥ -2.5 & ≤ 2.5	Pass
			20	NV	6.20	0.0017	≥ -2.5 & ≤ 2.5	Pass
			30	NV	11.40	0.0030	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	40	NV	6.20	0.0017	≥ -2.5 & ≤ 2.5	Pass
			50	NV	11.50	0.0031	≥ -2.5 & ≤ 2.5	Pass
			20	LV	10.80	0.0029	≥ -2.5 & ≤ 2.5	Pass
				HV	8.80	0.0023	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	6.80	0.0018	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	1.70	0.0005	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.60	0.0012	≥ -2.5 & ≤ 2.5	Pass
			0	NV	7.20	0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	9.20	0.0025	≥ -2.5 & ≤ 2.5	Pass
			20	NV	7.60	0.0020	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	30	NV	8.50	0.0023	≥ -2.5 & ≤ 2.5	Pass
			40	NV	3.00	0.0008	≥ -2.5 & ≤ 2.5	Pass
			50	NV	4.50	0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	LV	3.20	0.0009	≥ -2.5 & ≤ 2.5	Pass
				HV	5.90	0.0016	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	9.50	0.0025	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	9.70	0.0026	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	8.60	0.0023	≥ -2.5 & ≤ 2.5	Pass
			0	NV	5.00	0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	8.70	0.0023	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	NV	6.90	0.0018	≥ -2.5 & ≤ 2.5	Pass
			30	NV	10.30	0.0027	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.60	0.0015	≥ -2.5 & ≤ 2.5	Pass
			50	NV	11.00	0.0029	≥ -2.5 & ≤ 2.5	Pass
			20	LV	9.30	0.0025	≥ -2.5 & ≤ 2.5	Pass
				HV	10.60	0.0028	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	3.30	0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	6.10	0.0016	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	6.50	0.0017	≥ -2.5 & ≤ 2.5	Pass
			0	NV	7.20	0.0019	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	10	NV	6.60	0.0018	≥ -2.5 & ≤ 2.5	Pass
			20	NV	5.00	0.0013	≥ -2.5 & ≤ 2.5	Pass
			30	NV	7.00	0.0019	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.00	0.0013	≥ -2.5 & ≤ 2.5	Pass
			50	NV	4.40	0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	LV	6.70	0.0018	≥ -2.5 & ≤ 2.5	Pass
				HV	7.60	0.0020	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	4.00	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	8.70	0.0023	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.80	0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	5.70	0.0015	≥ -2.5 & ≤ 2.5	Pass
			10	NV	6.60	0.0018	≥ -2.5 & ≤ 2.5	Pass
			20	NV	4.40	0.0012	≥ -2.5 & ≤ 2.5	Pass
			30	NV	6.60	0.0018	≥ -2.5 & ≤ 2.5	Pass

CP-OFDM 256 QAM	3750	Outer_Full	40	NV	4.90	0.0013	>=-2.5 & <=2.5	Pass
			50	NV	7.90	0.0021	>=-2.5 & <=2.5	Pass
			20	LV	10.70	0.0029	>=-2.5 & <=2.5	Pass
				HV	5.40	0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	4.90	0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	3.50	0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	6.00	0.0016	>=-2.5 & <=2.5	Pass
			0	NV	3.90	0.0010	>=-2.5 & <=2.5	Pass
			10	NV	3.60	0.0010	>=-2.5 & <=2.5	Pass
			20	NV	4.80	0.0013	>=-2.5 & <=2.5	Pass
			30	NV	5.70	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	5.10	0.0014	>=-2.5 & <=2.5	Pass
			50	NV	3.50	0.0009	>=-2.5 & <=2.5	Pass

2.1.6 15k_SISO_40MHz

5G NR n78a 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	3750	Outer_Full	20	LV	7.10	0.0019	>=-2.5 & <=2.5	Pass
				HV	10.70	0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	12.20	0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	12.20	0.0033	>=-2.5 & <=2.5	Pass
			-10	NV	17.30	0.0046	>=-2.5 & <=2.5	Pass
			0	NV	13.80	0.0037	>=-2.5 & <=2.5	Pass
			10	NV	10.90	0.0029	>=-2.5 & <=2.5	Pass
			20	NV	13.40	0.0036	>=-2.5 & <=2.5	Pass
			30	NV	9.60	0.0026	>=-2.5 & <=2.5	Pass
			40	NV	11.80	0.0031	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	20.00	0.0053	>=-2.5 & <=2.5	Pass
				HV	10.80	0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	12.60	0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	14.40	0.0038	>=-2.5 & <=2.5	Pass
			-10	NV	11.30	0.0030	>=-2.5 & <=2.5	Pass
			0	NV	8.00	0.0021	>=-2.5 & <=2.5	Pass
			10	NV	13.60	0.0036	>=-2.5 & <=2.5	Pass
			20	NV	11.00	0.0029	>=-2.5 & <=2.5	Pass
			30	NV	14.40	0.0038	>=-2.5 & <=2.5	Pass
			40	NV	12.10	0.0032	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	7.90	0.0021	>=-2.5 & <=2.5	Pass
				HV	9.40	0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	9.90	0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	15.80	0.0042	>=-2.5 & <=2.5	Pass
			-10	NV	18.20	0.0049	>=-2.5 & <=2.5	Pass
			0	NV	10.20	0.0027	>=-2.5 & <=2.5	Pass
			10	NV	12.70	0.0034	>=-2.5 & <=2.5	Pass
			20	NV	8.70	0.0023	>=-2.5 & <=2.5	Pass
			30	NV	14.70	0.0039	>=-2.5 & <=2.5	Pass
			40	NV	13.50	0.0036	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	13.80	0.0037	>=-2.5 & <=2.5	Pass
				HV	13.40	0.0036	>=-2.5 & <=2.5	Pass
			-30	NV	16.40	0.0044	>=-2.5 & <=2.5	Pass
			-20	NV	7.70	0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	11.60	0.0031	>=-2.5 & <=2.5	Pass

			0	NV	11.50	0.0031	≥ -2.5 & ≤ 2.5	Pass
			10	NV	9.80	0.0026	≥ -2.5 & ≤ 2.5	Pass
			20	NV	13.90	0.0037	≥ -2.5 & ≤ 2.5	Pass
			30	NV	14.50	0.0039	≥ -2.5 & ≤ 2.5	Pass
			40	NV	12.40	0.0033	≥ -2.5 & ≤ 2.5	Pass
			50	NV	15.50	0.0041	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	3.70	0.0010	≥ -2.5 & ≤ 2.5	Pass
				HV	8.00	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	4.30	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	4.80	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	7.40	0.0020	≥ -2.5 & ≤ 2.5	Pass
			0	NV	8.60	0.0023	≥ -2.5 & ≤ 2.5	Pass
			10	NV	3.80	0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	NV	8.00	0.0021	≥ -2.5 & ≤ 2.5	Pass
			30	NV	6.30	0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.80	0.0015	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	7.30	0.0019	≥ -2.5 & ≤ 2.5	Pass
				HV	5.20	0.0014	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	2.70	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	7.80	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	7.30	0.0019	≥ -2.5 & ≤ 2.5	Pass
			0	NV	11.50	0.0031	≥ -2.5 & ≤ 2.5	Pass
			10	NV	4.70	0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	10.10	0.0027	≥ -2.5 & ≤ 2.5	Pass
			30	NV	5.30	0.0014	≥ -2.5 & ≤ 2.5	Pass
			40	NV	11.50	0.0031	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	6.20	0.0017	≥ -2.5 & ≤ 2.5	Pass
				HV	11.30	0.0030	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	7.20	0.0019	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	5.00	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	8.30	0.0022	≥ -2.5 & ≤ 2.5	Pass
			0	NV	7.40	0.0020	≥ -2.5 & ≤ 2.5	Pass
			10	NV	10.50	0.0028	≥ -2.5 & ≤ 2.5	Pass
			20	NV	7.50	0.0020	≥ -2.5 & ≤ 2.5	Pass
			30	NV	6.10	0.0016	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.10	0.0014	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	8.00	0.0021	≥ -2.5 & ≤ 2.5	Pass
				HV	7.50	0.0020	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	6.80	0.0018	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	5.40	0.0014	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	8.00	0.0021	≥ -2.5 & ≤ 2.5	Pass
			0	NV	1.30	0.0003	≥ -2.5 & ≤ 2.5	Pass
			10	NV	6.30	0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	NV	5.20	0.0014	≥ -2.5 & ≤ 2.5	Pass
			30	NV	7.30	0.0019	≥ -2.5 & ≤ 2.5	Pass
			40	NV	3.60	0.0010	≥ -2.5 & ≤ 2.5	Pass
			50	NV	7.20	0.0019	≥ -2.5 & ≤ 2.5	Pass

2.1.7 15k_SISO_50MHz

5G NR n78a SCS=15kHz SISO 50MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	12.50	0.0033	≥ -2.5 & ≤ 2.5	Pass

				HV	19.60	0.0052	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	15.70	0.0042	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	19.60	0.0052	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	18.30	0.0049	≥ -2.5 & ≤ 2.5	Pass
			0	NV	15.30	0.0041	≥ -2.5 & ≤ 2.5	Pass
			10	NV	19.00	0.0051	≥ -2.5 & ≤ 2.5	Pass
			20	NV	22.40	0.0060	≥ -2.5 & ≤ 2.5	Pass
			30	NV	15.40	0.0041	≥ -2.5 & ≤ 2.5	Pass
			40	NV	21.30	0.0057	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	50	NV	15.80	0.0042	≥ -2.5 & ≤ 2.5	Pass
			20	LV	13.30	0.0035	≥ -2.5 & ≤ 2.5	Pass
				HV	6.90	0.0018	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	14.40	0.0038	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	17.90	0.0048	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	15.80	0.0042	≥ -2.5 & ≤ 2.5	Pass
			0	NV	16.00	0.0043	≥ -2.5 & ≤ 2.5	Pass
			10	NV	15.10	0.0040	≥ -2.5 & ≤ 2.5	Pass
			20	NV	12.10	0.0032	≥ -2.5 & ≤ 2.5	Pass
			30	NV	15.70	0.0042	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	40	NV	18.10	0.0048	≥ -2.5 & ≤ 2.5	Pass
			50	NV	14.90	0.0040	≥ -2.5 & ≤ 2.5	Pass
			20	LV	20.30	0.0054	≥ -2.5 & ≤ 2.5	Pass
				HV	11.80	0.0031	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	17.60	0.0047	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	15.90	0.0042	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	17.70	0.0047	≥ -2.5 & ≤ 2.5	Pass
			0	NV	9.80	0.0026	≥ -2.5 & ≤ 2.5	Pass
			10	NV	16.10	0.0043	≥ -2.5 & ≤ 2.5	Pass
			20	NV	15.30	0.0041	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	30	NV	23.10	0.0062	≥ -2.5 & ≤ 2.5	Pass
			40	NV	15.60	0.0042	≥ -2.5 & ≤ 2.5	Pass
			50	NV	10.60	0.0028	≥ -2.5 & ≤ 2.5	Pass
			20	LV	17.60	0.0047	≥ -2.5 & ≤ 2.5	Pass
				HV	16.50	0.0044	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	13.00	0.0035	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	13.00	0.0035	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	15.70	0.0042	≥ -2.5 & ≤ 2.5	Pass
			0	NV	12.20	0.0033	≥ -2.5 & ≤ 2.5	Pass
			10	NV	16.00	0.0043	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	NV	9.40	0.0025	≥ -2.5 & ≤ 2.5	Pass
			30	NV	24.40	0.0065	≥ -2.5 & ≤ 2.5	Pass
			40	NV	13.40	0.0036	≥ -2.5 & ≤ 2.5	Pass
			50	NV	19.10	0.0051	≥ -2.5 & ≤ 2.5	Pass
			20	LV	9.60	0.0026	≥ -2.5 & ≤ 2.5	Pass
				HV	7.70	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	11.30	0.0030	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	10.50	0.0028	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	11.50	0.0031	≥ -2.5 & ≤ 2.5	Pass
			0	NV	8.10	0.0022	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	10	NV	8.80	0.0023	≥ -2.5 & ≤ 2.5	Pass
			20	NV	8.60	0.0023	≥ -2.5 & ≤ 2.5	Pass
			30	NV	11.30	0.0030	≥ -2.5 & ≤ 2.5	Pass
			40	NV	10.60	0.0028	≥ -2.5 & ≤ 2.5	Pass
			50	NV	7.90	0.0021	≥ -2.5 & ≤ 2.5	Pass
			20	LV	11.30	0.0030	≥ -2.5 & ≤ 2.5	Pass
				HV	9.70	0.0026	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	8.70	0.0023	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	10.90	0.0029	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	11.10	0.0030	≥ -2.5 & ≤ 2.5	Pass

			0	NV	8.50	0.0023	>=-2.5 & <=2.5	Pass
			10	NV	9.10	0.0024	>=-2.5 & <=2.5	Pass
			20	NV	3.60	0.0010	>=-2.5 & <=2.5	Pass
			30	NV	9.50	0.0025	>=-2.5 & <=2.5	Pass
			40	NV	10.10	0.0027	>=-2.5 & <=2.5	Pass
			50	NV	10.40	0.0028	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	6.60	0.0018	>=-2.5 & <=2.5	Pass
				HV	11.20	0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	10.10	0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	7.60	0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	9.00	0.0024	>=-2.5 & <=2.5	Pass
			0	NV	8.00	0.0021	>=-2.5 & <=2.5	Pass
			10	NV	8.40	0.0022	>=-2.5 & <=2.5	Pass
			20	NV	11.40	0.0030	>=-2.5 & <=2.5	Pass
			30	NV	9.60	0.0026	>=-2.5 & <=2.5	Pass
			40	NV	11.90	0.0032	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	50	NV	9.40	0.0025	>=-2.5 & <=2.5	Pass
			20	LV	6.60	0.0018	>=-2.5 & <=2.5	Pass
				HV	9.10	0.0024	>=-2.5 & <=2.5	Pass
			-30	NV	4.70	0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	7.70	0.0021	>=-2.5 & <=2.5	Pass
			0	NV	5.00	0.0013	>=-2.5 & <=2.5	Pass
			10	NV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			20	NV	9.30	0.0025	>=-2.5 & <=2.5	Pass
			30	NV	5.60	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	9.40	0.0025	>=-2.5 & <=2.5	Pass
			50	NV	5.70	0.0015	>=-2.5 & <=2.5	Pass

2.1.8 30k_SISO_10MHz

5G NR n78a 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	3750	Outer_Full	20	LV	-15.40	-0.0041	>=-2.5 & <=2.5	Pass
				HV	-13.70	-0.0037	>=-2.5 & <=2.5	Pass
			-30	NV	-16.70	-0.0045	>=-2.5 & <=2.5	Pass
			-20	NV	-14.60	-0.0039	>=-2.5 & <=2.5	Pass
			-10	NV	-14.00	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-15.10	-0.0040	>=-2.5 & <=2.5	Pass
			10	NV	-10.00	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-16.80	-0.0045	>=-2.5 & <=2.5	Pass
			30	NV	-16.90	-0.0045	>=-2.5 & <=2.5	Pass
			40	NV	-13.40	-0.0036	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	50	NV	-17.60	-0.0047	>=-2.5 & <=2.5	Pass
			20	LV	-18.00	-0.0048	>=-2.5 & <=2.5	Pass
				HV	-21.70	-0.0058	>=-2.5 & <=2.5	Pass
			-30	NV	-14.80	-0.0039	>=-2.5 & <=2.5	Pass
			-20	NV	-21.40	-0.0057	>=-2.5 & <=2.5	Pass
			-10	NV	-21.20	-0.0057	>=-2.5 & <=2.5	Pass
			0	NV	-27.80	-0.0074	>=-2.5 & <=2.5	Pass
			10	NV	-17.80	-0.0047	>=-2.5 & <=2.5	Pass
			20	NV	-19.10	-0.0051	>=-2.5 & <=2.5	Pass
			30	NV	-28.50	-0.0076	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64	3750	Outer_Full	40	NV	-12.60	-0.0034	>=-2.5 & <=2.5	Pass
			50	NV	-10.60	-0.0028	>=-2.5 & <=2.5	Pass
			20	LV	-9.90	-0.0026	>=-2.5 & <=2.5	Pass

QAM				HV	-10.60	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-14.20	-0.0038	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-19.10	-0.0051	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-13.00	-0.0035	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-13.50	-0.0036	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-24.50	-0.0065	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-16.10	-0.0043	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-18.50	-0.0049	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-14.40	-0.0038	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	50	NV	-14.60	-0.0039	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-17.90	-0.0048	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-8.90	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-14.70	-0.0039	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-16.80	-0.0045	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-17.10	-0.0046	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-21.00	-0.0056	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-15.50	-0.0041	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-13.40	-0.0036	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-12.60	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-10.60	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-15.20	-0.0041	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-4.10	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-1.30	-0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-6.20	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-6.30	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-6.10	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-5.60	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-7.50	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-5.70	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-3.30	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-7.90	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3750	Outer_Full	50	NV	-5.40	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-6.70	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-5.40	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-6.90	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.40	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-5.90	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-3.80	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-5.60	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-4.80	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-5.80	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	3750	Outer_Full	40	NV	-4.30	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-6.20	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-7.80	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-5.90	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-3.10	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-4.70	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-8.00	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-5.80	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-1.10	-0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-1.30	-0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	3750	Outer_Full	30	NV	-2.90	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-7.80	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-6.10	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-11.70	-0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-9.00	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-8.30	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-7.20	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-7.20	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			0	NV	-9.50	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-7.40	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-7.00	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-12.60	-0.0034	>=-2.5 & <=2.5	Pass
			40	NV	-8.70	-0.0023	>=-2.5 & <=2.5	Pass
			50	NV	-5.30	-0.0014	>=-2.5 & <=2.5	Pass

2.1.9 30k_SISO_15MHz

5G NR n78a 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	3750	Outer_Full	20	LV	-11.50	-0.0031	>=-2.5 & <=2.5	Pass
				HV	-10.60	-0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	-15.20	-0.0041	>=-2.5 & <=2.5	Pass
			-20	NV	-14.40	-0.0038	>=-2.5 & <=2.5	Pass
			-10	NV	-7.20	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-16.70	-0.0045	>=-2.5 & <=2.5	Pass
			10	NV	-5.70	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-16.20	-0.0043	>=-2.5 & <=2.5	Pass
			30	NV	-20.70	-0.0055	>=-2.5 & <=2.5	Pass
			40	NV	-11.60	-0.0031	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-8.50	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-15.50	-0.0041	>=-2.5 & <=2.5	Pass
			-30	NV	-16.70	-0.0045	>=-2.5 & <=2.5	Pass
			-20	NV	-17.70	-0.0047	>=-2.5 & <=2.5	Pass
			-10	NV	-20.60	-0.0055	>=-2.5 & <=2.5	Pass
			0	NV	-11.90	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-15.00	-0.0040	>=-2.5 & <=2.5	Pass
			20	NV	-7.90	-0.0021	>=-2.5 & <=2.5	Pass
			30	NV	-12.00	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-9.20	-0.0025	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-4.50	-0.0012	>=-2.5 & <=2.5	Pass
				HV	-10.70	-0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	-14.00	-0.0037	>=-2.5 & <=2.5	Pass
			-20	NV	-9.50	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-12.50	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-16.00	-0.0043	>=-2.5 & <=2.5	Pass
			10	NV	-3.70	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-6.40	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-9.30	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-10.00	-0.0027	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-18.10	-0.0048	>=-2.5 & <=2.5	Pass
				HV	-18.50	-0.0049	>=-2.5 & <=2.5	Pass
			-30	NV	-10.30	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-13.00	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-4.50	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-10.10	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-13.50	-0.0036	>=-2.5 & <=2.5	Pass
			20	NV	-22.20	-0.0059	>=-2.5 & <=2.5	Pass
			30	NV	-13.30	-0.0035	>=-2.5 & <=2.5	Pass
			40	NV	-11.10	-0.0030	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	NV	-12.50	-0.0033	>=-2.5 & <=2.5	Pass
				LV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass

				HV	2.20	0.0006	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.70	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.00	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.30	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.50	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.90	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.20	-0.0017	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	50	NV	-5.20	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	LV	7.40	0.0020	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.50	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.00	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-9.90	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.90	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.40	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.70	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-8.60	-0.0023	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	30	NV	-7.80	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-9.30	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.80	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-7.40	-0.0020	≥ -2.5 & ≤ 2.5	Pass
				HV	-9.20	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.20	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.40	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.20	-0.0011	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	10	NV	-6.90	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-9.20	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-9.00	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-5.80	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-12.10	-0.0032	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.60	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-7.10	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.10	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-11.40	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-9.20	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.50	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-12.40	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-12.50	-0.0033	≥ -2.5 & ≤ 2.5	Pass

2.1.10 30k_SISO_20MHz

5G NR n78a 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	3750	Outer_Full	20	LV	-6.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.00	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-1.90	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.80	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-8.10	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.60	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.70	-0.0021	≥ -2.5 & ≤ 2.5	Pass

			30	NV	-6.20	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.20	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-7.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-6.30	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				HV	-9.70	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.60	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-10.60	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-9.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-8.50	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.40	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.00	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-14.10	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-5.80	-0.0015	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-8.80	-0.0023	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.90	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.70	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-9.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.90	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-10.50	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.50	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			30	NV	4.00	0.0011	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-7.00	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-7.60	-0.0020	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-5.50	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.10	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-11.90	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.80	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-10.00	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.70	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.00	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-1.50	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.70	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-9.60	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-7.70	-0.0021	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-6.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.40	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.40	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.20	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.50	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-1.40	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.30	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-7.40	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-5.40	-0.0014	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-6.00	-0.0016	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-12.30	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-10.20	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.50	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.80	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.30	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.90	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.00	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-12.10	-0.0032	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	-8.00	-0.0021	≥ -2.5 & ≤ 2.5	Pass

			-30	HV	-7.90	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.00	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-10.30	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-8.90	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.00	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.30	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.30	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.60	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-10.10	-0.0027	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-9.90	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			20	HV	-7.50	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.60	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-8.00	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-7.60	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.50	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-11.30	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.20	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-9.90	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-9.90	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-8.60	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-11.50	-0.0031	≥ -2.5 & ≤ 2.5	Pass

2.1.11 30k_SISO_25MHz

5G NR n78a 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	3750	Outer_Full	20	LV	-7.50	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	HV	-5.20	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-11.60	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-8.00	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.90	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.50	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-9.40	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-10.60	-0.0028	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	40	NV	-5.30	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-13.10	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-7.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	HV	-11.80	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.90	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.60	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.60	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	NV	-7.80	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.00	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.20	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-11.20	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-7.40	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	HV	-2.80	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-10.70	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-10.70	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.80	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-10.10	-0.0027	≥ -2.5 & ≤ 2.5	Pass

			30	NV	-5.60	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.80	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-9.30	-0.0025	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-4.20	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	-13.50	-0.0036	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.00	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.80	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.80	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-14.40	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-8.20	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.10	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-7.50	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.00	-0.0016	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-6.30	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.90	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.20	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.10	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.70	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-8.90	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.60	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.00	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.00	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.30	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-3.40	-0.0009	≥ -2.5 & ≤ 2.5	Pass
				HV	1.20	0.0003	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.90	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.10	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.70	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.00	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-8.70	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.80	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.60	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-7.80	-0.0021	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	1.80	0.0005	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-9.70	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.00	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.60	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.00	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.00	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-1.80	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.00	-0.0016	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-7.40	-0.0020	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.30	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.50	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.90	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-7.20	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-8.80	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.70	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-8.10	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.70	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-10.40	-0.0028	≥ -2.5 & ≤ 2.5	Pass

2.1.12 30k_SISO_30MHz

5G NR n78a 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	3750	Outer_Full	20	LV	-10.20	-0.0027	>=-2.5 & <=2.5	Pass
				HV	-14.80	-0.0039	>=-2.5 & <=2.5	Pass
			-30	NV	-9.30	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-14.10	-0.0038	>=-2.5 & <=2.5	Pass
			-10	NV	-9.30	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	-14.60	-0.0039	>=-2.5 & <=2.5	Pass
			10	NV	-16.10	-0.0043	>=-2.5 & <=2.5	Pass
			20	NV	-7.50	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-13.00	-0.0035	>=-2.5 & <=2.5	Pass
			40	NV	-6.30	-0.0017	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-5.00	-0.0013	>=-2.5 & <=2.5	Pass
				HV	-15.50	-0.0041	>=-2.5 & <=2.5	Pass
			-30	NV	-7.80	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-6.10	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-6.40	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-11.00	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-9.50	-0.0025	>=-2.5 & <=2.5	Pass
			20	NV	-7.40	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-7.00	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-10.40	-0.0028	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-8.90	-0.0024	>=-2.5 & <=2.5	Pass
				HV	-10.50	-0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	-13.30	-0.0035	>=-2.5 & <=2.5	Pass
			-20	NV	-13.10	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-5.50	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-5.70	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-6.30	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-6.20	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-10.80	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-4.60	-0.0012	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-8.50	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-4.30	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-15.90	-0.0042	>=-2.5 & <=2.5	Pass
			-20	NV	-10.50	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-8.30	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-8.20	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-10.00	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-9.30	-0.0025	>=-2.5 & <=2.5	Pass
			30	NV	-10.40	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-8.60	-0.0023	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-7.50	-0.0020	>=-2.5 & <=2.5	Pass
				HV	-3.00	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-7.60	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-7.10	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-3.40	-0.0009	>=-2.5 & <=2.5	Pass
			0	NV	-8.00	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-10.70	-0.0029	>=-2.5 & <=2.5	Pass

			20	NV	-6.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.20	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.80	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-9.30	-0.0025	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.80	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.00	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.40	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-8.00	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.40	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.40	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.40	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-7.00	-0.0019	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	-5.60	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-11.10	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.10	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.20	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.90	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.20	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.10	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.20	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-7.80	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-2.90	-0.0008	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-7.40	-0.0020	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.90	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-10.10	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-9.20	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.70	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.60	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.00	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.80	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-11.20	-0.0030	≥ -2.5 & ≤ 2.5	Pass

2.1.13 30k_SISO_40MHz

5G NR n78a 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	3750	Outer_Full	20	LV	-4.20	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.50	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.80	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.10	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			0	NV	2.50	0.0007	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-9.50	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.20	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-11.50	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.70	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-7.20	-0.0019	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-7.80	-0.0021	≥ -2.5 & ≤ 2.5	Pass
				HV	-9.20	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.00	-0.0016	≥ -2.5 & ≤ 2.5	Pass

			-20	NV	-2.20	-0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-10.50	-0.0028	>=-2.5 & <=2.5	Pass
			10	NV	-10.90	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-7.40	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-4.90	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-4.90	-0.0013	>=-2.5 & <=2.5	Pass
			50	NV	-9.30	-0.0025	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-4.40	-0.0012	>=-2.5 & <=2.5	Pass
				HV	-4.00	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-6.40	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-5.80	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-8.40	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-9.90	-0.0026	>=-2.5 & <=2.5	Pass
			10	NV	-10.20	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-9.30	-0.0025	>=-2.5 & <=2.5	Pass
			30	NV	-7.20	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-11.20	-0.0030	>=-2.5 & <=2.5	Pass
			50	NV	-3.60	-0.0010	>=-2.5 & <=2.5	Pass
			DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-12.40
HV	-5.30	-0.0014					>=-2.5 & <=2.5	Pass
-30	NV	-2.90				-0.0008	>=-2.5 & <=2.5	Pass
-20	NV	-13.70				-0.0037	>=-2.5 & <=2.5	Pass
-10	NV	-5.30				-0.0014	>=-2.5 & <=2.5	Pass
0	NV	-7.80				-0.0021	>=-2.5 & <=2.5	Pass
10	NV	-8.20				-0.0022	>=-2.5 & <=2.5	Pass
20	NV	-9.60				-0.0026	>=-2.5 & <=2.5	Pass
30	NV	-7.40				-0.0020	>=-2.5 & <=2.5	Pass
40	NV	-4.10				-0.0011	>=-2.5 & <=2.5	Pass
50	NV	-5.40				-0.0014	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full				20	LV	-7.60
			HV	-7.00	-0.0019		>=-2.5 & <=2.5	Pass
			-30	NV	-5.40	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-8.10	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-4.80	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-7.30	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-7.40	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-5.00	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-6.70	-0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-5.10	-0.0014	>=-2.5 & <=2.5	Pass
			50	NV	-8.50	-0.0023	>=-2.5 & <=2.5	Pass
			CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-7.30
HV	-5.90	-0.0016					>=-2.5 & <=2.5	Pass
-30	NV	-5.80				-0.0015	>=-2.5 & <=2.5	Pass
-20	NV	-5.30				-0.0014	>=-2.5 & <=2.5	Pass
-10	NV	-6.90				-0.0018	>=-2.5 & <=2.5	Pass
0	NV	-6.50				-0.0017	>=-2.5 & <=2.5	Pass
10	NV	-4.60				-0.0012	>=-2.5 & <=2.5	Pass
20	NV	-4.30				-0.0011	>=-2.5 & <=2.5	Pass
30	NV	-5.10				-0.0014	>=-2.5 & <=2.5	Pass
40	NV	-4.80				-0.0013	>=-2.5 & <=2.5	Pass
50	NV	-5.10				-0.0014	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full				20	LV	-1.50
			HV	-4.50	-0.0012		>=-2.5 & <=2.5	Pass
			-30	NV	-7.30	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-5.80	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-4.00	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-6.80	-0.0018	>=-2.5 & <=2.5	Pass

CP-OFDM 256 QAM	3750	Outer_Full	20	NV	-4.90	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.40	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-8.50	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-7.10	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-8.70	-0.0023	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.90	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-8.50	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-9.00	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-10.80	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-9.90	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-10.00	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.70	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-12.00	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-5.70	-0.0015	≥ -2.5 & ≤ 2.5	Pass

2.1.14 30k_SISO_50MHz

5G NR n78a 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	3750	Outer_Full	20	LV	-7.00	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				HV	-8.00	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.80	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.20	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-7.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-10.70	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-9.50	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.60	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-10.40	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-8.20	-0.0022	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-9.20	-0.0025	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.70	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.30	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.90	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-11.20	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-10.90	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-8.30	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.40	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.80	-0.0013	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-11.30	-0.0030	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.90	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-11.60	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-9.90	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.30	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.40	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.00	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.70	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.80	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-11.70	-0.0031	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	50	NV	-10.20	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-6.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.00	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.10	-0.0019	≥ -2.5 & ≤ 2.5	Pass

			-20	NV	-6.40	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-6.20	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-6.90	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-10.60	-0.0028	>=-2.5 & <=2.5	Pass
			20	NV	-5.90	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-6.30	-0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-7.70	-0.0021	>=-2.5 & <=2.5	Pass
			50	NV	-8.70	-0.0023	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-5.70	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-9.20	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-6.30	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-6.10	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-6.50	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-8.20	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-7.80	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	-8.90	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-3.60	-0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-6.10	-0.0016	>=-2.5 & <=2.5	Pass
			50	NV	-6.40	-0.0017	>=-2.5 & <=2.5	Pass
			CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-6.20
HV	-9.20	-0.0025					>=-2.5 & <=2.5	Pass
-30	NV	-6.40				-0.0017	>=-2.5 & <=2.5	Pass
-20	NV	-7.10				-0.0019	>=-2.5 & <=2.5	Pass
-10	NV	-5.80				-0.0015	>=-2.5 & <=2.5	Pass
0	NV	-6.40				-0.0017	>=-2.5 & <=2.5	Pass
10	NV	-5.30				-0.0014	>=-2.5 & <=2.5	Pass
20	NV	-7.50				-0.0020	>=-2.5 & <=2.5	Pass
30	NV	-8.00				-0.0021	>=-2.5 & <=2.5	Pass
40	NV	-7.30				-0.0019	>=-2.5 & <=2.5	Pass
50	NV	-4.60				-0.0012	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full				20	LV	-7.00
			HV	-7.80	-0.0021		>=-2.5 & <=2.5	Pass
			-30	NV	-6.30	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-9.80	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-7.30	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-5.70	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-6.10	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-6.90	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-4.50	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-3.10	-0.0008	>=-2.5 & <=2.5	Pass
			50	NV	-4.00	-0.0011	>=-2.5 & <=2.5	Pass
			CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-10.20
HV	-6.90	-0.0018					>=-2.5 & <=2.5	Pass
-30	NV	-6.40				-0.0017	>=-2.5 & <=2.5	Pass
-20	NV	-8.10				-0.0022	>=-2.5 & <=2.5	Pass
-10	NV	-10.00				-0.0027	>=-2.5 & <=2.5	Pass
0	NV	-5.10				-0.0014	>=-2.5 & <=2.5	Pass
10	NV	-5.40				-0.0014	>=-2.5 & <=2.5	Pass
20	NV	-7.30				-0.0019	>=-2.5 & <=2.5	Pass
30	NV	-5.00				-0.0013	>=-2.5 & <=2.5	Pass
40	NV	-4.40				-0.0012	>=-2.5 & <=2.5	Pass
50	NV	-8.40				-0.0022	>=-2.5 & <=2.5	Pass

2.1.15 30k_SISO_60MHz

5G NR n78a SCS=30kHz SISO 60MHz							
Modulation	Frequency	RB	Temp.	Volt.	Freq. Error	Freq. vs. rated (ppm)	Verdict

	(MHz)	Allocation	(°C)		(Hz)	Result	Limit	
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	-21.50	-0.0057	≥ -2.5 & ≤ 2.5	Pass
				HV	-12.60	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-9.90	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-8.70	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-10.50	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-10.60	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-15.10	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-8.20	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.60	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-7.40	-0.0020	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-11.40	-0.0030	≥ -2.5 & ≤ 2.5	Pass
				HV	-15.90	-0.0042	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-11.70	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-8.30	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-21.00	-0.0056	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-11.40	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-15.60	-0.0042	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-26.00	-0.0069	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-11.00	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-11.60	-0.0031	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-14.50	-0.0039	≥ -2.5 & ≤ 2.5	Pass
				HV	-9.70	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-27.00	-0.0072	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-8.50	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-26.40	-0.0070	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-15.00	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.80	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-8.30	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-22.60	-0.0060	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-14.40	-0.0038	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-19.30	-0.0051	≥ -2.5 & ≤ 2.5	Pass
				HV	-12.10	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-11.80	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-14.40	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-12.50	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-9.40	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-10.80	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-10.20	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-11.00	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-11.20	-0.0030	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-9.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.10	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.90	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-9.00	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.90	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.60	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-9.40	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.20	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-10.00	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	4.80	0.0013	≥ -2.5 & ≤ 2.5	Pass
				HV	-8.40	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass

			-20	NV	-10.00	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.50	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.60	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.60	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.40	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.10	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.80	-0.0018	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	-10.20	-0.0027	≥ -2.5 & ≤ 2.5	Pass
				HV	-9.00	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-9.90	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-9.30	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-10.20	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-11.70	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.60	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.00	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-9.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.60	-0.0018	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-9.40	-0.0025	≥ -2.5 & ≤ 2.5	Pass
				HV	-11.60	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-11.00	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-10.60	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-9.60	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-9.50	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-10.90	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-10.80	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-9.90	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-10.90	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-9.20	-0.0025	≥ -2.5 & ≤ 2.5	Pass

2.1.16 30k_SISO_70MHz

5G NR n78a 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	3750	Outer_Full	20	LV	-12.30	-0.0033	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.50	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.30	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.40	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-15.80	-0.0042	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-10.00	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.50	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-12.00	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.30	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-9.50	-0.0025	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-5.50	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.40	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.00	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-16.20	-0.0043	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.90	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-9.70	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.70	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.70	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.40	-0.0009	≥ -2.5 & ≤ 2.5	Pass

			50	NV	-5.20	-0.0014	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-10.30	-0.0027	≥ -2.5 & ≤ 2.5	Pass
				HV	-20.10	-0.0054	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.10	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.60	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-7.40	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.20	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-13.00	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.70	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-9.20	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.90	-0.0008	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-12.70	-0.0034	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.00	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.10	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-14.80	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-11.70	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.50	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-13.10	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-12.10	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.00	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-7.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-2.30	-0.0006	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-9.30	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.20	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.40	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.10	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.20	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.30	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.10	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-7.70	-0.0021	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-6.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				HV	-0.60	-0.0002	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.00	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.20	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-9.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.90	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-8.30	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.90	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.00	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	-2.70	-0.0007	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.20	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.80	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-11.30	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.40	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.40	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-10.10	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.80	-0.0010	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-7.10	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				HV	-10.70	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-9.40	-0.0025	≥ -2.5 & ≤ 2.5	Pass

			-20	NV	-6.20	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-7.50	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-8.50	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-10.10	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-8.50	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	-8.60	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	-9.20	-0.0025	>=-2.5 & <=2.5	Pass
			50	NV	-8.30	-0.0022	>=-2.5 & <=2.5	Pass

2.1.17 30k_SISO_80MHz

5G NR n78a 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	3750	Outer_Full	20	LV	-3.70	-0.0010	>=-2.5 & <=2.5	Pass
				HV	-7.40	-0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-7.80	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	1.90	0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-5.10	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-7.10	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-5.00	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-6.30	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-9.20	-0.0025	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-3.90	-0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	-6.30	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-9.90	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-8.90	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-5.00	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-9.70	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-8.10	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-3.00	-0.0008	>=-2.5 & <=2.5	Pass
			40	NV	-12.90	-0.0034	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-9.50	-0.0025	>=-2.5 & <=2.5	Pass
				HV	-8.80	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-4.20	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	4.20	0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-3.80	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-4.50	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-3.30	-0.0009	>=-2.5 & <=2.5	Pass
			20	NV	-1.50	-0.0004	>=-2.5 & <=2.5	Pass
			30	NV	-3.60	-0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-3.60	-0.0010	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-7.20	-0.0019	>=-2.5 & <=2.5	Pass
				HV	-10.60	-0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	-7.70	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-5.00	-0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-10.40	-0.0028	>=-2.5 & <=2.5	Pass
			0	NV	-6.90	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-12.00	-0.0032	>=-2.5 & <=2.5	Pass
			20	NV	-12.50	-0.0033	>=-2.5 & <=2.5	Pass
			30	NV	-9.50	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-11.90	-0.0032	>=-2.5 & <=2.5	Pass

CP-OFDM QPSK	3750	Outer_Full	50	NV	-7.90	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-7.20	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.80	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.20	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.80	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.90	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-9.60	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-8.90	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	40	NV	-6.60	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.90	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-4.40	-0.0012	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.90	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.90	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.90	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.70	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.10	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.40	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.60	-0.0015	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	30	NV	-7.90	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.10	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-3.00	-0.0008	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.90	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.70	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.00	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.60	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	NV	-4.80	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.20	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-5.20	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-6.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.20	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-9.30	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.80	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.60	-0.0012	≥ -2.5 & ≤ 2.5	Pass
		Outer_Full	10	NV	-5.70	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.70	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.60	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.30	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-8.50	-0.0023	≥ -2.5 & ≤ 2.5	Pass

2.1.18 30k_SISO_90MHz

5G NR n78a 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	3750	Outer_Full	20	LV	-5.60	-0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	-8.10	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.10	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-10.60	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass

			10	NV	-9.20	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.50	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.50	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.70	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-10.80	-0.0029	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-8.10	-0.0022	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.20	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-10.00	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-13.40	-0.0036	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-11.00	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.10	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.60	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.90	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.70	-0.0018	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	50	NV	-7.90	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-2.30	-0.0006	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.90	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.20	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	6.70	0.0018	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.30	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.80	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	40	NV	-9.10	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-5.80	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-5.40	-0.0014	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.50	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.90	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	7.80	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-9.50	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.50	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.60	-0.0018	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	30	NV	-5.30	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-7.10	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-9.10	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-4.20	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.40	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.20	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.60	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.10	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.60	-0.0015	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	NV	-5.20	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.40	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-5.20	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-2.20	-0.0006	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.40	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.00	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-9.30	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.90	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.40	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.70	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.60	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.90	-0.0018	≥ -2.5 & ≤ 2.5	Pass

CP-OFDM 64 QAM	3750	Outer_Full	50	NV	-7.40	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-5.30	-0.0014	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.60	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.80	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.60	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-7.00	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.90	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.80	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.10	-0.0022	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	40	NV	-6.00	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.30	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-7.60	-0.0020	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.00	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.70	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.50	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-8.00	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.30	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-9.90	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-11.80	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-5.70	-0.0015	≥ -2.5 & ≤ 2.5	Pass

2.1.19 30k_SISO_100MHz

5G NR n78a 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	3750	Outer_Full	20	LV	-2.70	-0.0007	≥ -2.5 & ≤ 2.5	Pass
				HV	-14.30	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.40	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.50	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.40	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-8.70	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-13.00	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.00	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	50	NV	-11.60	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-10.10	-0.0027	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.60	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-9.00	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-15.10	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-12.40	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.50	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.50	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-8.50	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	40	NV	-7.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-13.80	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-15.30	-0.0041	≥ -2.5 & ≤ 2.5	Pass
				HV	-9.90	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.90	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-14.50	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-20.80	-0.0055	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass

			10	NV	-9.50	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.10	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.40	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-11.10	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.60	-0.0018	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-11.60	-0.0031	≥ -2.5 & ≤ 2.5	Pass
				HV	-11.40	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-14.30	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-9.20	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-7.80	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.90	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-12.00	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.20	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-10.70	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-12.50	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-9.70	-0.0026	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-6.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-9.50	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.60	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-8.30	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-9.20	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.40	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.80	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-10.50	-0.0028	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-8.10	-0.0022	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.40	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.90	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.50	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.00	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.00	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.20	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.80	-0.0013	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	-4.20	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.40	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.90	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.30	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.80	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.30	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.50	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-11.70	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-8.00	-0.0021	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-8.50	-0.0023	≥ -2.5 & ≤ 2.5	Pass
				HV	-9.50	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.40	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-8.20	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.80	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.10	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-9.10	-0.0024	≥ -2.5 & ≤ 2.5	Pass

			50	NV	-7.40	-0.0020	>=-2.5 & <=2.5	Pass
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3. Modulation Characteristics

3.1 Test Result

3.1.1 15k_SISO_50MHz_NTNV

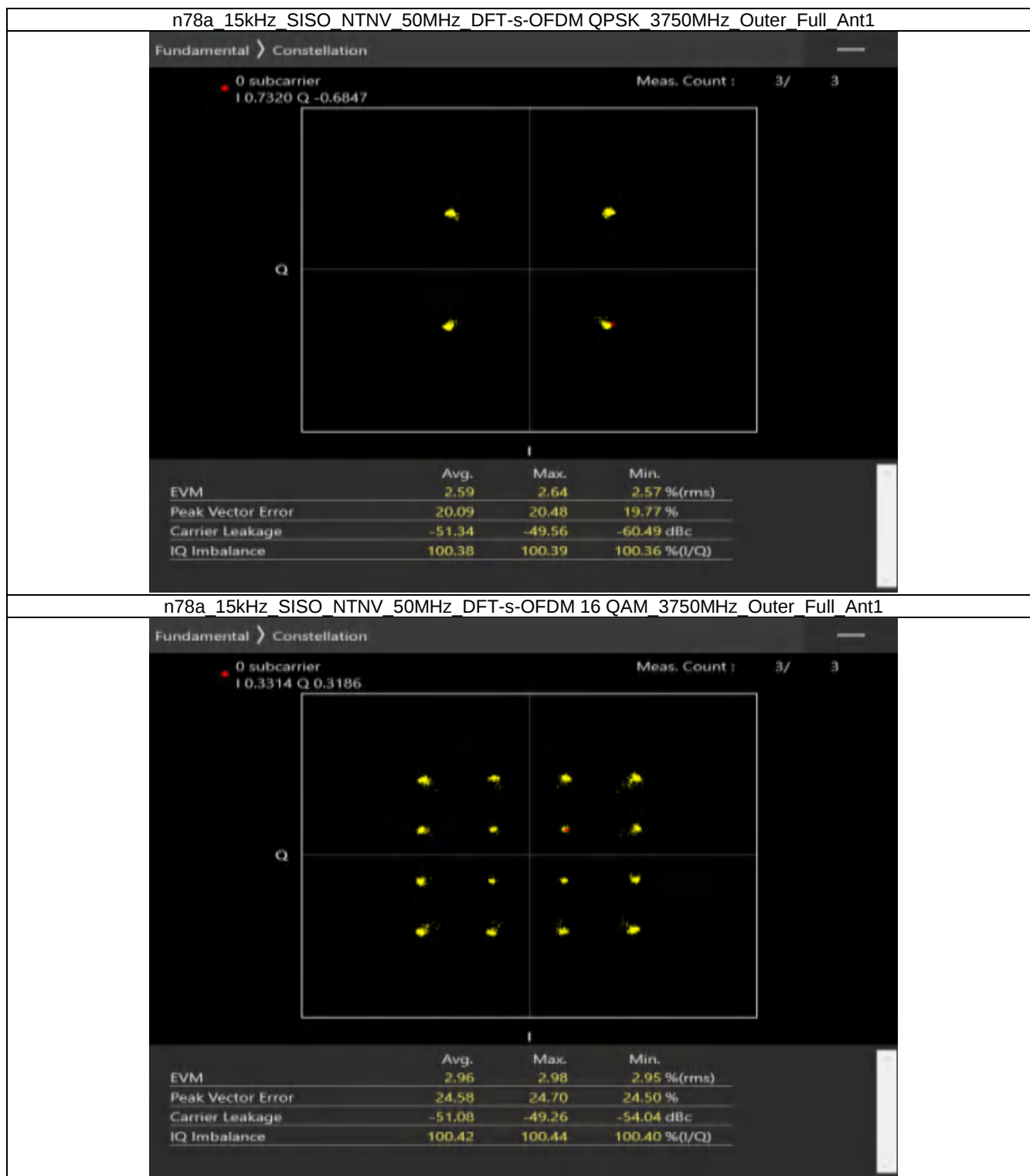
5G NR n78a SCS=15kHz SISO 50MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Modulation Characteristics				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3750	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3750	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 16 QAM	3750	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 64 QAM	3750	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 256 QAM	3750	Outer_Full	Refer To Test Graph				Pass

3.1.2 30k_SISO_100MHz_NTNV

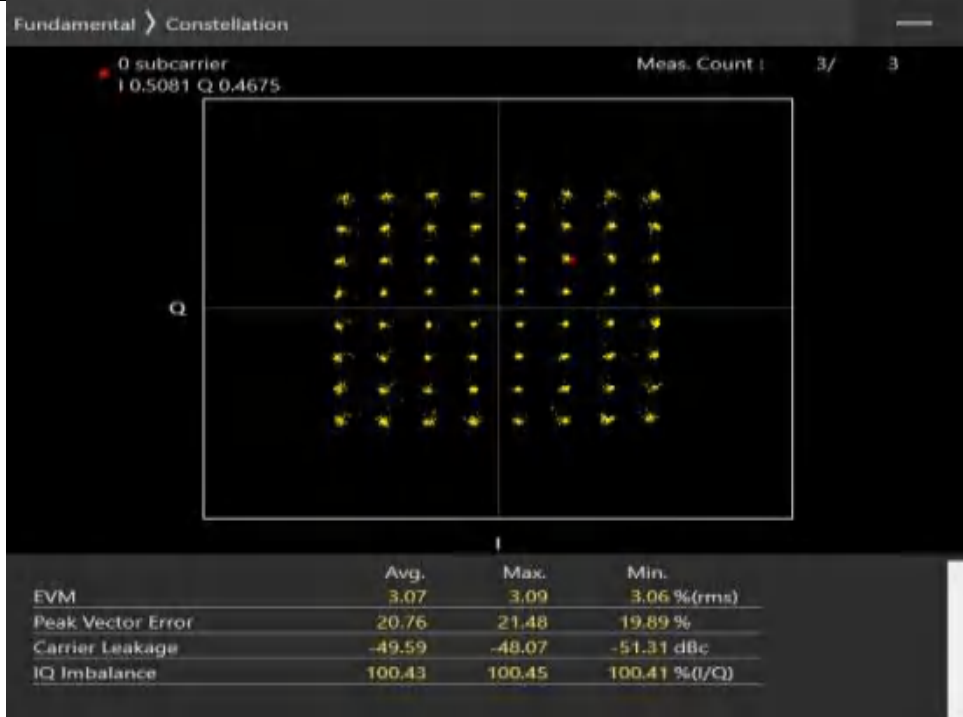
5G NR n78a SCS=30kHz SISO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Modulation Characteristics				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3750	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3750	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 16 QAM	3750	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 64 QAM	3750	Outer_Full	Refer To Test Graph				Pass
CP-OFDM 256 QAM	3750	Outer_Full	Refer To Test Graph				Pass

3.2 Test Graph

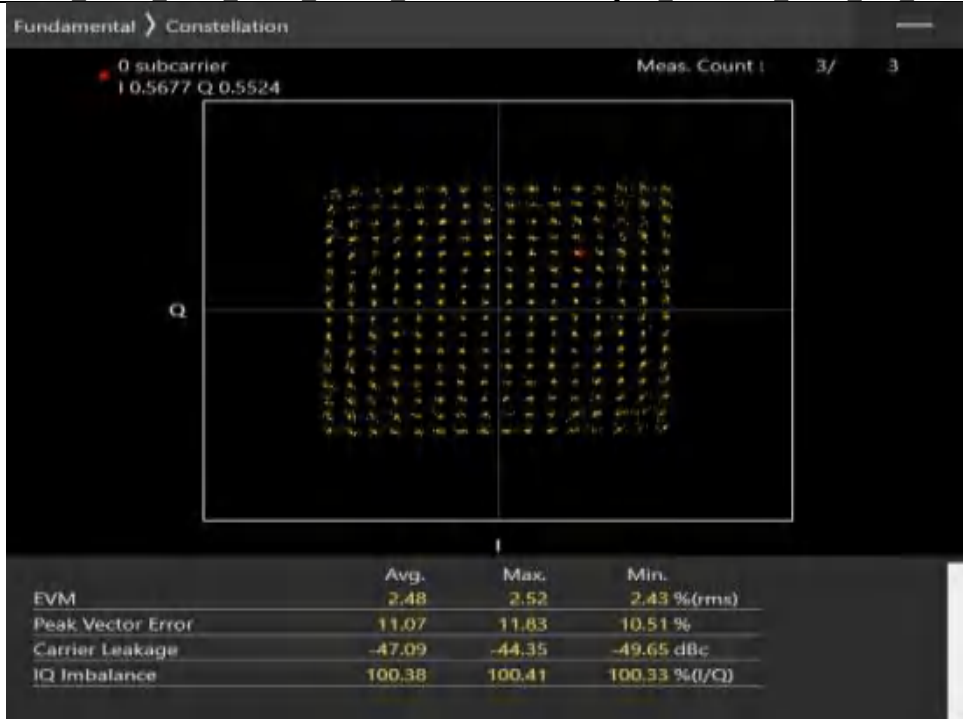
3.2.1 15k_SISO_50MHz_NTNV



n78a 15kHz SISO NTV 50MHz DFT-s-OFDM 64 QAM 3750MHz Outer Full Ant1

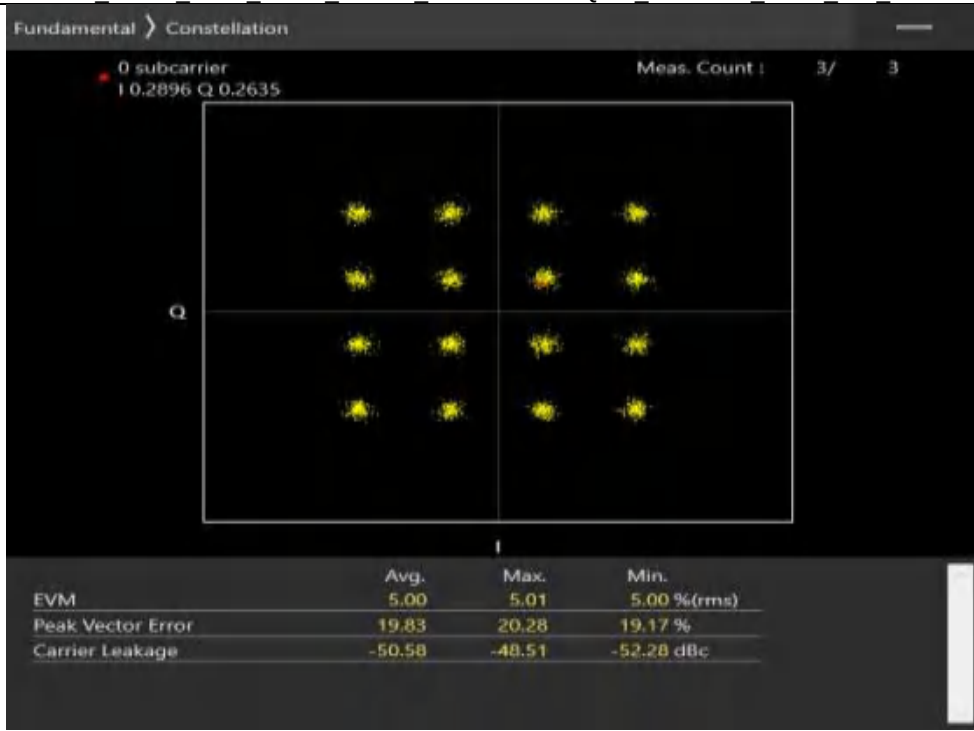


n78a 15kHz SISO NTV 50MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full Ant1

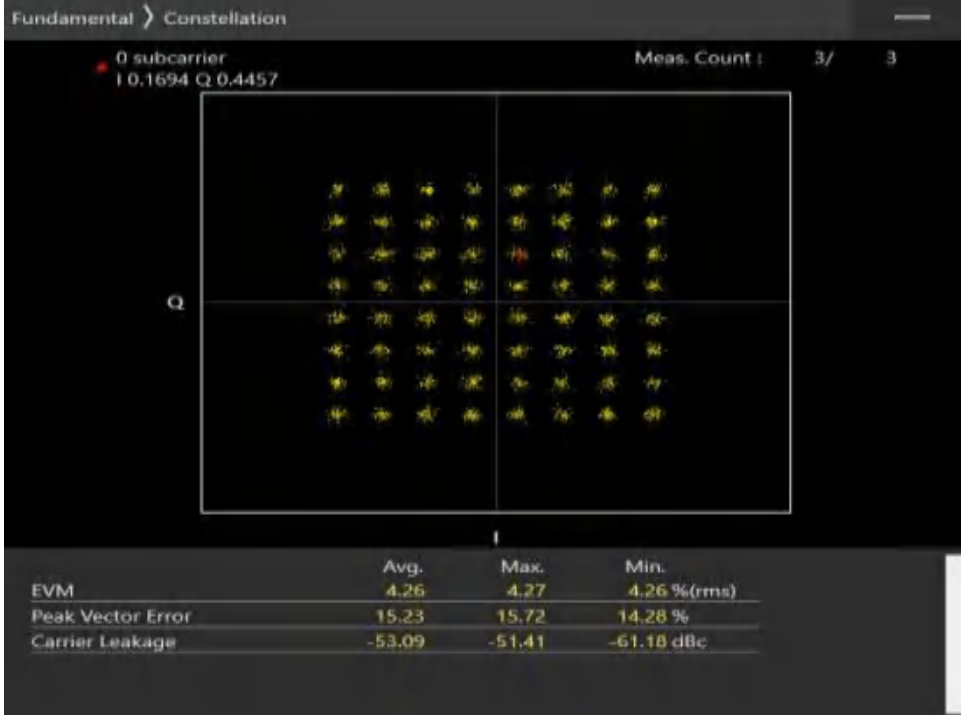


n78a 15kHz SISO NTN 50MHz CP-OFDM QPSK 3750MHz Outer Full Ant1

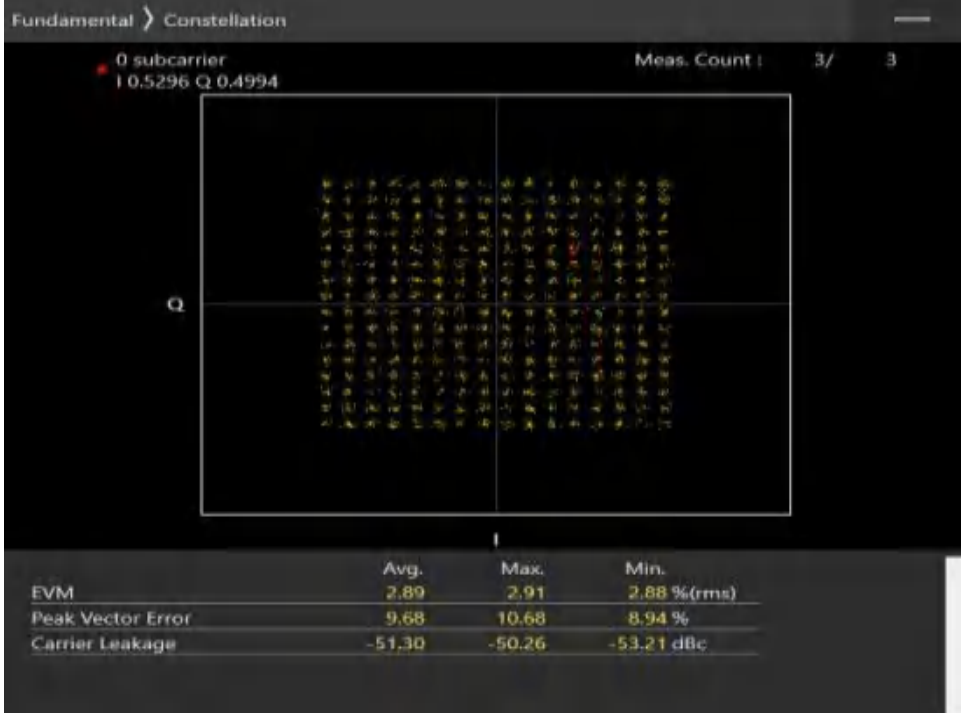
n78a 15kHz SISO NTN 50MHz CP-OFDM 16 QAM 3750MHz Outer Full Ant1



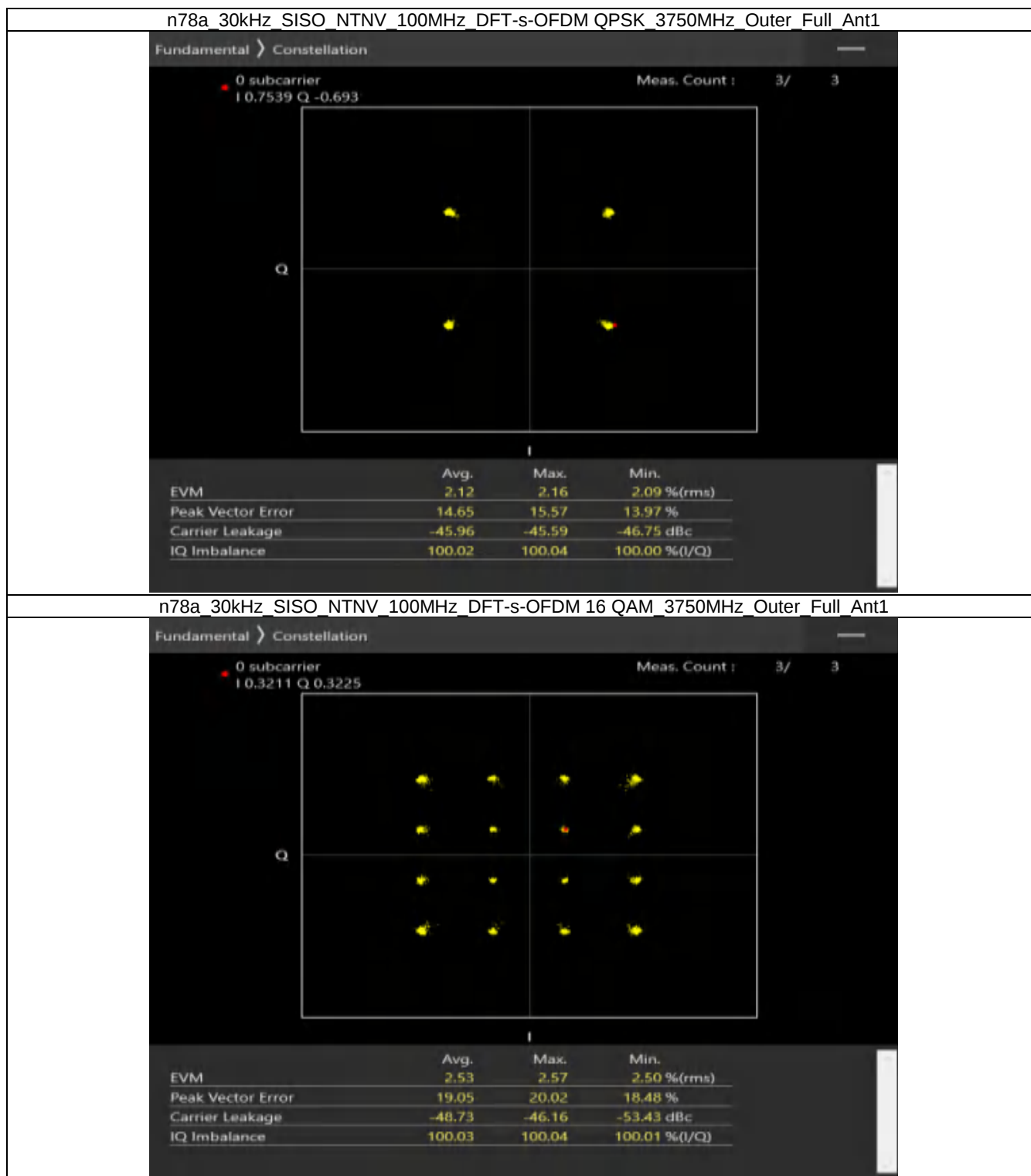
n78a 15kHz SISO NTN 50MHz CP-OFDM 64 QAM 3750MHz Outer Full Ant1



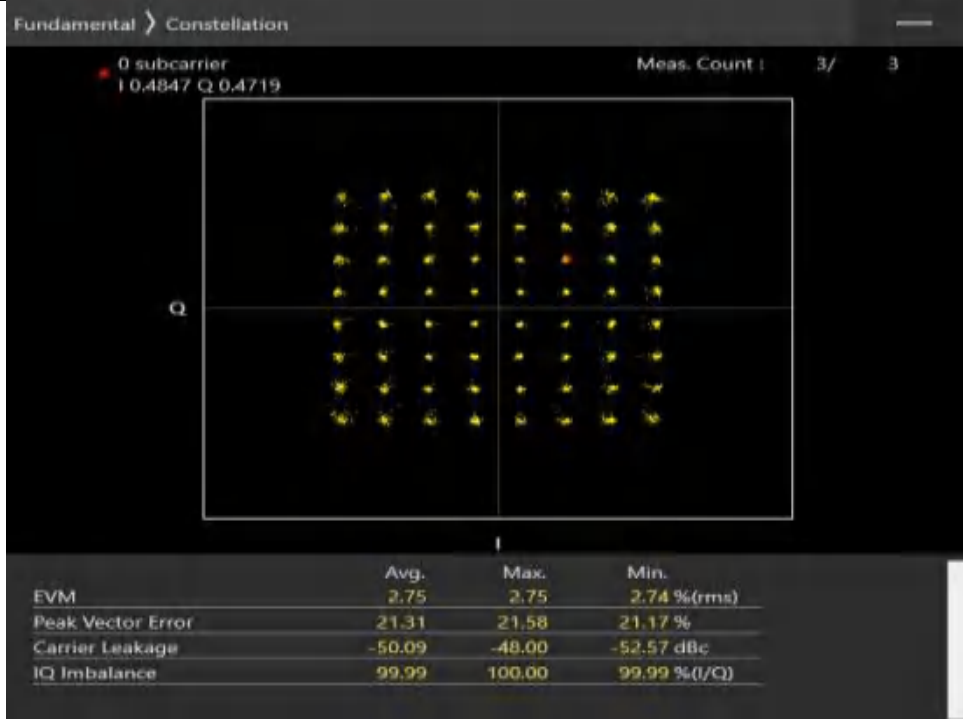
n78a 15kHz SISO NTN 50MHz CP-OFDM 256 QAM 3750MHz Outer Full Ant1



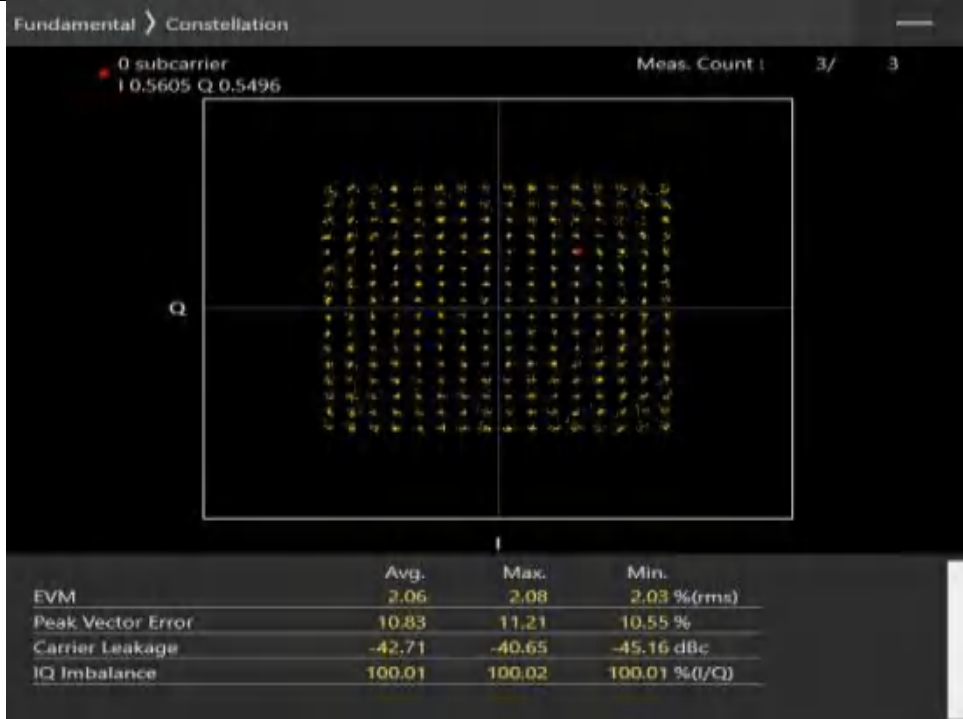
3.2.2 30k_SISO_100MHz_NTNV



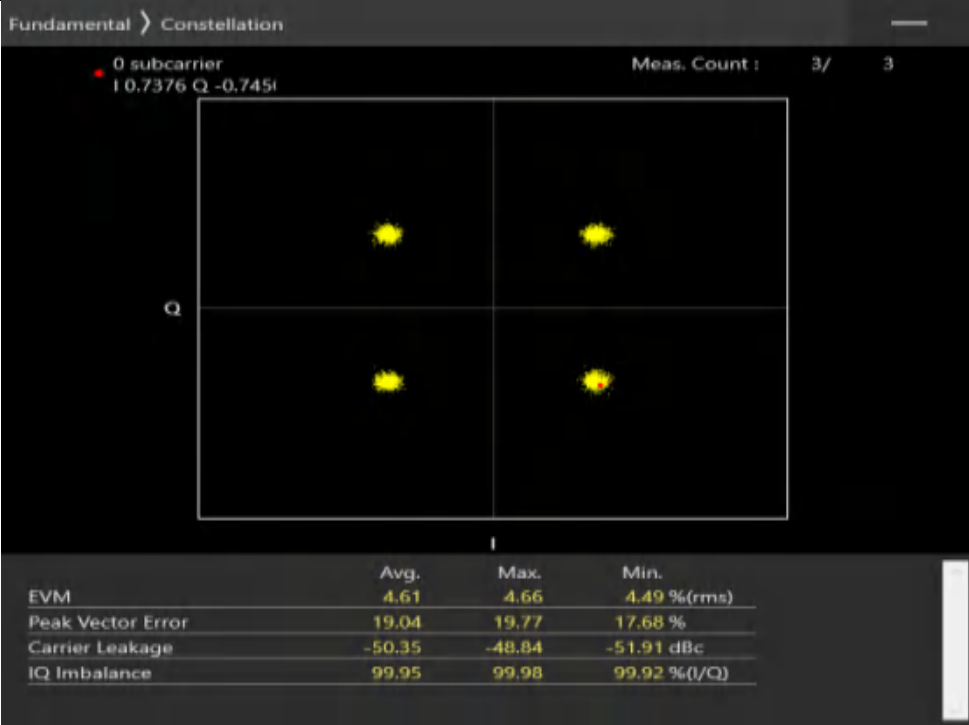
n78a 30kHz SISO NTN 100MHz DFT-s-OFDM 64 QAM 3750MHz Outer Full Ant1



n78a 30kHz SISO NTN 100MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full Ant1

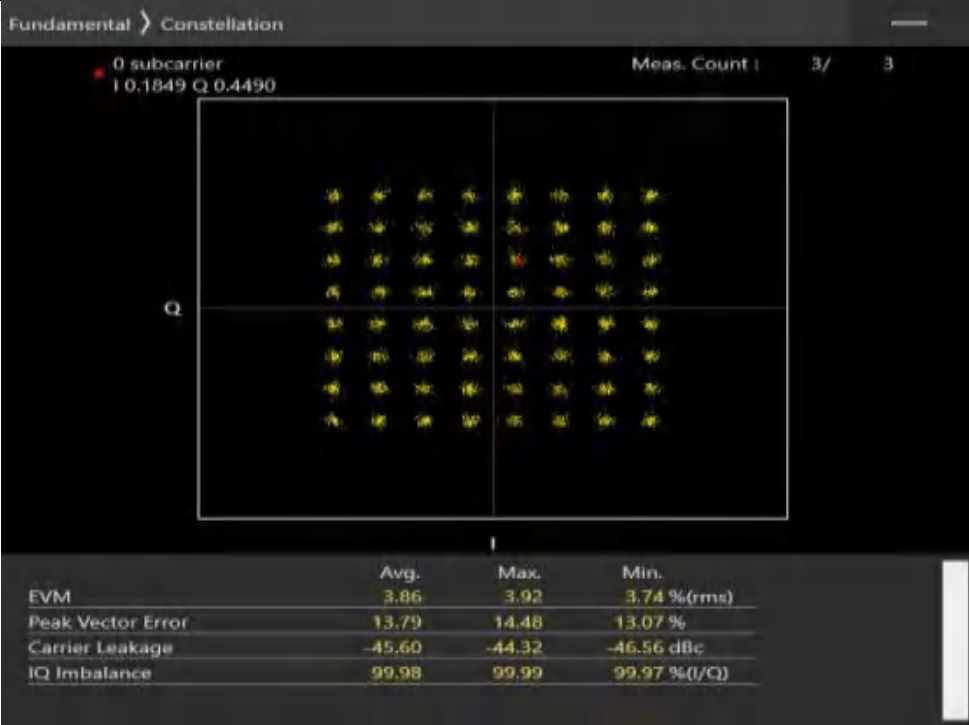


n78a 30kHz SISO NTN 100MHz CP-OFDM QPSK 3750MHz Outer Full Ant1



n78a 30kHz SISO NTN 100MHz CP-OFDM 16 QAM 3750MHz Outer Full Ant1

n78a 30kHz SISO NTN 100MHz CP-OFDM 64 QAM 3750MHz Outer Full Ant1



n78a 30kHz SISO NTN 100MHz CP-OFDM 256 QAM 3750MHz Outer Full Ant1

4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 15k_SISO_10MHz_NTNV

5G NR n78a SCS=15kHz SISO 10MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3705	Outer_Full	9.26	10.08	/	Pass
	3750	Outer_Full	9.11	9.93	/	Pass
	3795	Outer_Full	9.08	10.11	/	Pass
DFT-s-OFDM QPSK	3705	Outer_Full	9.08	10.36	/	Pass
	3750	Outer_Full	9.10	9.90	/	Pass
	3795	Outer_Full	9.10	10.60	/	Pass
DFT-s-OFDM 16 QAM	3705	Outer_Full	9.07	9.87	/	Pass
	3750	Outer_Full	9.07	9.82	/	Pass
	3795	Outer_Full	9.11	9.79	/	Pass
DFT-s-OFDM 64 QAM	3705	Outer_Full	9.09	9.69	/	Pass
	3750	Outer_Full	9.08	9.82	/	Pass
	3795	Outer_Full	9.11	9.74	/	Pass
DFT-s-OFDM 256 QAM	3705	Outer_Full	9.08	9.73	/	Pass
	3750	Outer_Full	9.08	10.01	/	Pass
	3795	Outer_Full	9.09	10.30	/	Pass
CP-OFDM QPSK	3705	Outer_Full	9.36	10.05	/	Pass
	3750	Outer_Full	9.43	10.34	/	Pass
	3795	Outer_Full	9.44	10.75	/	Pass
CP-OFDM 16 QAM	3705	Outer_Full	9.41	11.83	/	Pass
	3750	Outer_Full	9.49	13.08	/	Pass
	3795	Outer_Full	9.45	10.58	/	Pass
CP-OFDM 64 QAM	3705	Outer_Full	9.42	10.14	/	Pass
	3750	Outer_Full	9.47	10.43	/	Pass
	3795	Outer_Full	9.40	10.39	/	Pass
CP-OFDM 256 QAM	3705	Outer_Full	9.43	10.03	/	Pass
	3750	Outer_Full	9.46	10.45	/	Pass
	3795	Outer_Full	9.35	10.15	/	Pass

4.1.2 15k_SISO_15MHz_NTNV

5G NR n78a SCS=15kHz SISO 15MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3707.505	Outer_Full	13.71	14.60	/	Pass
	3750	Outer_Full	13.63	14.54	/	Pass
	3792.495	Outer_Full	13.64	15.56	/	Pass
DFT-s-OFDM QPSK	3707.505	Outer_Full	13.65	15.05	/	Pass
	3750	Outer_Full	13.75	14.59	/	Pass
	3792.495	Outer_Full	13.68	15.38	/	Pass
DFT-s-OFDM 16 QAM	3707.505	Outer_Full	13.67	14.73	/	Pass
	3750	Outer_Full	13.69	14.74	/	Pass
	3792.495	Outer_Full	13.62	14.76	/	Pass
DFT-s-OFDM 64 QAM	3707.505	Outer_Full	13.67	14.59	/	Pass
	3750	Outer_Full	13.69	14.82	/	Pass

	3792.495	Outer_Full	13.62	14.75	/	Pass
DFT-s-OFDM 256 QAM	3707.505	Outer_Full	13.60	14.62	/	Pass
	3750	Outer_Full	13.61	14.85	/	Pass
	3792.495	Outer_Full	13.65	14.72	/	Pass
CP-OFDM QPSK	3707.505	Outer_Full	14.28	15.26	/	Pass
	3750	Outer_Full	14.31	20.56	/	Pass
	3792.495	Outer_Full	14.35	17.03	/	Pass
CP-OFDM 16 QAM	3707.505	Outer_Full	14.33	15.37	/	Pass
	3750	Outer_Full	14.37	15.27	/	Pass
	3792.495	Outer_Full	14.31	20.05	/	Pass
CP-OFDM 64 QAM	3707.505	Outer_Full	14.29	15.38	/	Pass
	3750	Outer_Full	14.32	15.68	/	Pass
	3792.495	Outer_Full	14.37	15.49	/	Pass
CP-OFDM 256 QAM	3707.505	Outer_Full	14.25	15.77	/	Pass
	3750	Outer_Full	14.25	15.27	/	Pass
	3792.495	Outer_Full	14.34	15.31	/	Pass

4.1.3 15k_SISO_20MHz_NTNV

5G NR n78a SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3710.01	Outer_Full	18.12	19.62	/	Pass
	3750	Outer_Full	18.19	20.83	/	Pass
	3789.99	Outer_Full	18.19	20.41	/	Pass
DFT-s-OFDM QPSK	3710.01	Outer_Full	18.16	19.40	/	Pass
	3750	Outer_Full	18.16	19.57	/	Pass
	3789.99	Outer_Full	18.25	19.53	/	Pass
DFT-s-OFDM 16 QAM	3710.01	Outer_Full	18.14	19.43	/	Pass
	3750	Outer_Full	18.17	19.37	/	Pass
	3789.99	Outer_Full	18.24	19.50	/	Pass
DFT-s-OFDM 64 QAM	3710.01	Outer_Full	18.09	19.50	/	Pass
	3750	Outer_Full	18.16	19.36	/	Pass
	3789.99	Outer_Full	18.17	19.57	/	Pass
DFT-s-OFDM 256 QAM	3710.01	Outer_Full	18.10	19.40	/	Pass
	3750	Outer_Full	18.18	19.43	/	Pass
	3789.99	Outer_Full	18.14	19.42	/	Pass
CP-OFDM QPSK	3710.01	Outer_Full	19.19	20.98	/	Pass
	3750	Outer_Full	19.27	29.18	/	Pass
	3789.99	Outer_Full	19.30	32.95	/	Pass
CP-OFDM 16 QAM	3710.01	Outer_Full	19.13	22.01	/	Pass
	3750	Outer_Full	19.27	28.57	/	Pass
	3789.99	Outer_Full	19.27	29.52	/	Pass
CP-OFDM 64 QAM	3710.01	Outer_Full	19.18	20.45	/	Pass
	3750	Outer_Full	19.26	26.00	/	Pass
	3789.99	Outer_Full	19.21	24.40	/	Pass
CP-OFDM 256 QAM	3710.01	Outer_Full	19.09	20.39	/	Pass
	3750	Outer_Full	19.09	20.49	/	Pass
	3789.99	Outer_Full	19.16	20.44	/	Pass

4.1.4 15k_SISO_25MHz_NTNV

5G NR n78a SCS=15kHz SISO 25MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict

DFT-s-OFDM PI/2 BPSK	3712.5	Outer_Full	23.11	24.65	/	Pass
	3750	Outer_Full	23.25	24.88	/	Pass
	3787.5	Outer_Full	23.29	28.56	/	Pass
DFT-s-OFDM QPSK	3712.5	Outer_Full	23.21	24.39	/	Pass
	3750	Outer_Full	23.21	24.92	/	Pass
	3787.5	Outer_Full	23.19	24.82	/	Pass
DFT-s-OFDM 16 QAM	3712.5	Outer_Full	23.18	24.52	/	Pass
	3750	Outer_Full	23.01	24.67	/	Pass
	3787.5	Outer_Full	23.16	24.78	/	Pass
DFT-s-OFDM 64 QAM	3712.5	Outer_Full	22.97	24.67	/	Pass
	3750	Outer_Full	23.09	24.70	/	Pass
	3787.5	Outer_Full	23.08	24.96	/	Pass
DFT-s-OFDM 256 QAM	3712.5	Outer_Full	23.02	24.80	/	Pass
	3750	Outer_Full	23.08	25.08	/	Pass
	3787.5	Outer_Full	23.07	24.68	/	Pass
CP-OFDM QPSK	3712.5	Outer_Full	23.98	34.10	/	Pass
	3750	Outer_Full	24.08	37.23	/	Pass
	3787.5	Outer_Full	24.05	32.70	/	Pass
CP-OFDM 16 QAM	3712.5	Outer_Full	24.00	28.16	/	Pass
	3750	Outer_Full	24.00	45.26	/	Pass
	3787.5	Outer_Full	24.03	32.28	/	Pass
CP-OFDM 64 QAM	3712.5	Outer_Full	23.91	25.59	/	Pass
	3750	Outer_Full	23.96	29.46	/	Pass
	3787.5	Outer_Full	24.00	26.46	/	Pass
CP-OFDM 256 QAM	3712.5	Outer_Full	23.78	25.55	/	Pass
	3750	Outer_Full	23.92	25.68	/	Pass
	3787.5	Outer_Full	23.84	25.54	/	Pass

4.1.5 15k_SISO_30MHz_NTNV

5G NR n78a SCS=15kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3715.005	Outer_Full	28.89	31.04	/	Pass
	3750	Outer_Full	28.97	30.98	/	Pass
	3784.995	Outer_Full	29.01	31.00	/	Pass
DFT-s-OFDM QPSK	3715.005	Outer_Full	29.02	30.91	/	Pass
	3750	Outer_Full	28.96	30.85	/	Pass
	3784.995	Outer_Full	29.05	30.92	/	Pass
DFT-s-OFDM 16 QAM	3715.005	Outer_Full	28.87	30.81	/	Pass
	3750	Outer_Full	28.92	30.85	/	Pass
	3784.995	Outer_Full	28.90	30.88	/	Pass
DFT-s-OFDM 64 QAM	3715.005	Outer_Full	28.91	30.85	/	Pass
	3750	Outer_Full	28.94	30.77	/	Pass
	3784.995	Outer_Full	28.98	30.81	/	Pass
DFT-s-OFDM 256 QAM	3715.005	Outer_Full	28.84	30.81	/	Pass
	3750	Outer_Full	28.92	30.73	/	Pass
	3784.995	Outer_Full	28.87	30.81	/	Pass
CP-OFDM QPSK	3715.005	Outer_Full	28.98	32.60	/	Pass
	3750	Outer_Full	29.02	40.91	/	Pass
	3784.995	Outer_Full	29.06	39.90	/	Pass
CP-OFDM 16 QAM	3715.005	Outer_Full	28.99	33.09	/	Pass
	3750	Outer_Full	28.99	35.62	/	Pass
	3784.995	Outer_Full	29.03	38.90	/	Pass
CP-OFDM 64 QAM	3715.005	Outer_Full	28.94	33.19	/	Pass
	3750	Outer_Full	29.00	34.97	/	Pass
	3784.995	Outer_Full	28.96	39.07	/	Pass

CP-OFDM 256 QAM	3715.005	Outer_Full	28.90	30.77	/	Pass
	3750	Outer_Full	28.86	30.76	/	Pass
	3784.995	Outer_Full	28.84	30.81	/	Pass

4.1.6 15k_SISO_40MHz_NTNV

5G NR n78a SCS=15kHz SISO 40MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3720	Outer_Full	39.02	41.42	/	Pass
	3750	Outer_Full	39.87	41.35	/	Pass
	3780	Outer_Full	39.06	41.48	/	Pass
DFT-s-OFDM 16 QAM	3720	Outer_Full	39.03	40.58	/	Pass
	3750	Outer_Full	39.74	41.39	/	Pass
	3780	Outer_Full	39.98	41.39	/	Pass
DFT-s-OFDM 64 QAM	3720	Outer_Full	39.01	41.75	/	Pass
	3750	Outer_Full	39.73	41.30	/	Pass
	3780	Outer_Full	39.03	41.40	/	Pass
DFT-s-OFDM 256 QAM	3720	Outer_Full	40.09	41.79	/	Pass
	3750	Outer_Full	39.04	41.60	/	Pass
	3780	Outer_Full	39.80	41.38	/	Pass
CP-OFDM QPSK	3720	Outer_Full	39.82	41.34	/	Pass
	3750	Outer_Full	39.65	41.08	/	Pass
	3780	Outer_Full	39.09	41.31	/	Pass
CP-OFDM 16 QAM	3720	Outer_Full	39.67	41.35	/	Pass
	3750	Outer_Full	39.69	41.23	/	Pass
	3780	Outer_Full	39.78	41.30	/	Pass
CP-OFDM 64 QAM	3720	Outer_Full	39.68	41.22	/	Pass
	3750	Outer_Full	39.80	41.23	/	Pass
	3780	Outer_Full	39.81	41.31	/	Pass
CP-OFDM 256 QAM	3720	Outer_Full	38.93	43.80	/	Pass
	3750	Outer_Full	39.53	41.06	/	Pass
	3780	Outer_Full	39.62	41.27	/	Pass

4.1.7 15k_SISO_50MHz_NTNV

5G NR n78a SCS=15kHz SISO 50MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3725.01	Outer_Full	49.58	51.58	/	Pass
	3750	Outer_Full	49.76	51.48	/	Pass
	3774.99	Outer_Full	49.73	51.68	/	Pass
DFT-s-OFDM 16 QAM	3725.01	Outer_Full	49.52	51.68	/	Pass
	3750	Outer_Full	49.50	51.53	/	Pass
	3774.99	Outer_Full	49.72	51.64	/	Pass
DFT-s-OFDM 64 QAM	3725.01	Outer_Full	49.06	51.41	/	Pass
	3750	Outer_Full	49.59	51.57	/	Pass
	3774.99	Outer_Full	49.74	51.54	/	Pass
DFT-s-OFDM 256 QAM	3725.01	Outer_Full	49.40	51.37	/	Pass
	3750	Outer_Full	49.49	51.25	/	Pass
	3774.99	Outer_Full	48.50	51.23	/	Pass
CP-OFDM QPSK	3725.01	Outer_Full	44.60	46.60	/	Pass
	3750	Outer_Full	48.50	51.23	/	Pass
	3774.99	Outer_Full	45.00	46.68	/	Pass
CP-OFDM 16 QAM	3725.01	Outer_Full	44.74	46.60	/	Pass
	3750	Outer_Full	45.07	47.25	/	Pass
	3774.99	Outer_Full	43.76	47.02	/	Pass
CP-OFDM 64 QAM	3725.01	Outer_Full	44.57	46.70	/	Pass

CP-OFDM 256 QAM	3750	Outer_Full	44.79	46.45	/	Pass
	3774.99	Outer_Full	44.83	46.65	/	Pass
	3725.01	Outer_Full	43.61	46.70	/	Pass
	3750	Outer_Full	44.48	46.40	/	Pass
	3774.99	Outer_Full	44.18	45.22	/	Pass

4.1.8 30k_SISO_10MHz_NTNV

5G NR n78a SCS=30kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3705	Outer_Full	8.68	9.97	/	Pass
	3750	Outer_Full	8.68	9.76	/	Pass
	3795	Outer_Full	8.69	10.14	/	Pass
DFT-s-OFDM 16 QAM	3705	Outer_Full	8.71	10.58	/	Pass
	3750	Outer_Full	8.66	9.70	/	Pass
	3795	Outer_Full	8.71	10.41	/	Pass
DFT-s-OFDM 64 QAM	3705	Outer_Full	8.76	9.79	/	Pass
	3750	Outer_Full	8.76	9.54	/	Pass
	3795	Outer_Full	8.71	9.82	/	Pass
DFT-s-OFDM 256 QAM	3705	Outer_Full	8.70	9.77	/	Pass
	3750	Outer_Full	8.64	9.70	/	Pass
	3795	Outer_Full	8.69	9.88	/	Pass
CP-OFDM QPSK	3705	Outer_Full	8.73	9.85	/	Pass
	3750	Outer_Full	8.69	10.57	/	Pass
	3795	Outer_Full	8.72	9.72	/	Pass
CP-OFDM 16 QAM	3705	Outer_Full	8.77	9.83	/	Pass
	3750	Outer_Full	8.77	9.60	/	Pass
	3795	Outer_Full	8.80	9.77	/	Pass
CP-OFDM 64 QAM	3705	Outer_Full	8.67	10.01	/	Pass
	3750	Outer_Full	8.64	11.35	/	Pass
	3795	Outer_Full	8.72	11.17	/	Pass
CP-OFDM 256 QAM	3705	Outer_Full	8.64	9.60	/	Pass
	3750	Outer_Full	8.76	9.59	/	Pass
	3795	Outer_Full	8.70	9.67	/	Pass

4.1.9 30k_SISO_15MHz_NTNV

5G NR n78a SCS=30kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3707.52	Outer_Full	13.17	14.39	/	Pass
	3750	Outer_Full	13.18	14.38	/	Pass
	3792.48	Outer_Full	13.18	14.32	/	Pass
DFT-s-OFDM 16 QAM	3707.52	Outer_Full	13.12	14.81	/	Pass
	3750	Outer_Full	13.14	14.68	/	Pass
	3792.48	Outer_Full	13.14	14.37	/	Pass
DFT-s-OFDM 64 QAM	3707.52	Outer_Full	13.16	14.66	/	Pass
	3750	Outer_Full	13.20	14.29	/	Pass
	3792.48	Outer_Full	13.16	14.86	/	Pass
DFT-s-OFDM 256 QAM	3707.52	Outer_Full	13.08	14.36	/	Pass
	3750	Outer_Full	13.05	14.79	/	Pass
	3792.48	Outer_Full	13.08	14.75	/	Pass
CP-OFDM QPSK	3707.52	Outer_Full	13.78	14.93	/	Pass
	3750	Outer_Full	13.79	15.04	/	Pass

	3792.48	Outer_Full	13.81	15.05	/	Pass
CP-OFDM 16 QAM	3707.52	Outer_Full	13.83	15.05	/	Pass
	3750	Outer_Full	13.78	15.08	/	Pass
	3792.48	Outer_Full	13.76	14.80	/	Pass
CP-OFDM 64 QAM	3707.52	Outer_Full	13.79	16.09	/	Pass
	3750	Outer_Full	13.90	15.03	/	Pass
	3792.48	Outer_Full	13.85	15.04	/	Pass
CP-OFDM 256 QAM	3707.52	Outer_Full	13.80	14.89	/	Pass
	3750	Outer_Full	13.76	14.85	/	Pass
	3792.48	Outer_Full	13.73	14.99	/	Pass

4.1.10 30k_SISO_20MHz_NTNV

5G NR n78a SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3710.01	Outer_Full	18.20	19.45	/	Pass
	3750	Outer_Full	18.13	19.38	/	Pass
	3789.99	Outer_Full	18.21	19.50	/	Pass
DFT-s-OFDM 16 QAM	3710.01	Outer_Full	18.09	19.93	/	Pass
	3750	Outer_Full	18.17	19.54	/	Pass
	3789.99	Outer_Full	18.14	19.74	/	Pass
DFT-s-OFDM 64 QAM	3710.01	Outer_Full	18.23	19.50	/	Pass
	3750	Outer_Full	18.18	19.88	/	Pass
	3789.99	Outer_Full	18.17	19.60	/	Pass
DFT-s-OFDM 256 QAM	3710.01	Outer_Full	18.18	19.28	/	Pass
	3750	Outer_Full	18.20	19.46	/	Pass
	3789.99	Outer_Full	18.06	19.66	/	Pass
CP-OFDM QPSK	3710.01	Outer_Full	18.50	19.95	/	Pass
	3750	Outer_Full	18.42	19.76	/	Pass
	3789.99	Outer_Full	18.45	19.92	/	Pass
CP-OFDM 16 QAM	3710.01	Outer_Full	18.57	22.17	/	Pass
	3750	Outer_Full	18.46	20.27	/	Pass
	3789.99	Outer_Full	18.63	22.32	/	Pass
CP-OFDM 64 QAM	3710.01	Outer_Full	18.52	20.42	/	Pass
	3750	Outer_Full	18.47	19.78	/	Pass
	3789.99	Outer_Full	18.43	20.02	/	Pass
CP-OFDM 256 QAM	3710.01	Outer_Full	18.53	20.07	/	Pass
	3750	Outer_Full	18.50	19.86	/	Pass
	3789.99	Outer_Full	18.50	19.93	/	Pass

4.1.11 30k_SISO_25MHz_NTNV

5G NR n78a SCS=30kHz SISO 25MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3712.5	Outer_Full	23.16	24.73	/	Pass
	3750	Outer_Full	23.15	24.92	/	Pass
	3787.5	Outer_Full	23.07	24.79	/	Pass
DFT-s-OFDM 16 QAM	3712.5	Outer_Full	23.23	24.56	/	Pass
	3750	Outer_Full	23.18	24.91	/	Pass
	3787.5	Outer_Full	23.15	26.47	/	Pass
DFT-s-OFDM 64 QAM	3712.5	Outer_Full	23.13	24.93	/	Pass
	3750	Outer_Full	23.17	24.98	/	Pass
	3787.5	Outer_Full	23.61	24.64	/	Pass

DFT-s-OFDM 256 QAM	3712.5	Outer_Full	23.07	24.77	/	Pass
	3750	Outer_Full	23.20	25.07	/	Pass
	3787.5	Outer_Full	23.53	24.67	/	Pass
CP-OFDM QPSK	3712.5	Outer_Full	23.43	25.11	/	Pass
	3750	Outer_Full	23.43	25.34	/	Pass
	3787.5	Outer_Full	23.91	24.82	/	Pass
CP-OFDM 16 QAM	3712.5	Outer_Full	23.37	26.77	/	Pass
	3750	Outer_Full	23.50	25.71	/	Pass
	3787.5	Outer_Full	23.89	24.97	/	Pass
CP-OFDM 64 QAM	3712.5	Outer_Full	23.38	27.39	/	Pass
	3750	Outer_Full	23.49	25.16	/	Pass
	3787.5	Outer_Full	23.90	24.86	/	Pass
CP-OFDM 256 QAM	3712.5	Outer_Full	23.41	25.19	/	Pass
	3750	Outer_Full	23.41	25.02	/	Pass
	3787.5	Outer_Full	23.56	25.13	/	Pass

4.1.12 30k_SISO_30MHz_NTNV

5G NR n78a SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3715.02	Outer_Full	27.72	29.10	/	Pass
	3750	Outer_Full	27.71	28.98	/	Pass
	3784.98	Outer_Full	27.25	29.15	/	Pass
DFT-s-OFDM 16 QAM	3715.02	Outer_Full	27.77	29.48	/	Pass
	3750	Outer_Full	27.68	28.95	/	Pass
	3784.98	Outer_Full	27.28	29.58	/	Pass
DFT-s-OFDM 64 QAM	3715.02	Outer_Full	27.28	29.20	/	Pass
	3750	Outer_Full	27.31	29.17	/	Pass
	3784.98	Outer_Full	27.27	29.08	/	Pass
DFT-s-OFDM 256 QAM	3715.02	Outer_Full	27.77	29.30	/	Pass
	3750	Outer_Full	27.85	29.15	/	Pass
	3784.98	Outer_Full	27.81	28.95	/	Pass
CP-OFDM QPSK	3715.02	Outer_Full	28.77	29.95	/	Pass
	3750	Outer_Full	28.38	41.60	/	Pass
	3784.98	Outer_Full	28.29	35.30	/	Pass
CP-OFDM 16 QAM	3715.02	Outer_Full	28.95	34.53	/	Pass
	3750	Outer_Full	28.93	30.21	/	Pass
	3784.98	Outer_Full	28.82	30.01	/	Pass
CP-OFDM 64 QAM	3715.02	Outer_Full	28.29	41.37	/	Pass
	3750	Outer_Full	28.80	30.09	/	Pass
	3784.98	Outer_Full	28.30	30.22	/	Pass
CP-OFDM 256 QAM	3715.02	Outer_Full	28.23	29.27	/	Pass
	3750	Outer_Full	28.60	29.81	/	Pass
	3784.98	Outer_Full	28.51	29.92	/	Pass

4.1.13 30k_SISO_40MHz_NTNV

5G NR n78a SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3720	Outer_Full	36.33	38.66	/	Pass
	3750	Outer_Full	36.28	39.13	/	Pass
	3780	Outer_Full	36.18	38.75	/	Pass
DFT-s-OFDM 16 QAM	3720	Outer_Full	36.90	38.60	/	Pass

DFT-s-OFDM 64 QAM	3750	Outer_Full	36.96	38.53	/	Pass
	3780	Outer_Full	36.34	38.58	/	Pass
	3720	Outer_Full	36.23	38.18	/	Pass
	3750	Outer_Full	36.43	39.01	/	Pass
DFT-s-OFDM 256 QAM	3780	Outer_Full	36.29	38.05	/	Pass
	3720	Outer_Full	36.94	38.19	/	Pass
	3750	Outer_Full	37.02	38.82	/	Pass
CP-OFDM QPSK	3780	Outer_Full	36.33	38.07	/	Pass
	3720	Outer_Full	39.17	40.81	/	Pass
	3750	Outer_Full	38.53	40.21	/	Pass
CP-OFDM 16 QAM	3780	Outer_Full	39.18	40.59	/	Pass
	3720	Outer_Full	38.59	51.06	/	Pass
	3750	Outer_Full	39.25	40.61	/	Pass
CP-OFDM 64 QAM	3780	Outer_Full	38.61	49.67	/	Pass
	3720	Outer_Full	38.39	40.32	/	Pass
	3750	Outer_Full	38.62	47.44	/	Pass
CP-OFDM 256 QAM	3780	Outer_Full	39.08	40.48	/	Pass
	3720	Outer_Full	39.33	41.33	/	Pass
	3750	Outer_Full	38.37	40.30	/	Pass
	3780	Outer_Full	38.28	41.68	/	Pass

4.1.14 30k_SISO_50MHz_NTNV

5G NR n78a SCS=30kHz SISO 50MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3725.01	Outer_Full	47.22	49.42	/	Pass
	3750	Outer_Full	47.25	49.09	/	Pass
	3774.99	Outer_Full	46.30	48.45	/	Pass
DFT-s-OFDM 16 QAM	3725.01	Outer_Full	47.19	49.21	/	Pass
	3750	Outer_Full	46.14	49.39	/	Pass
	3774.99	Outer_Full	46.86	48.54	/	Pass
DFT-s-OFDM 64 QAM	3725.01	Outer_Full	46.52	49.32	/	Pass
	3750	Outer_Full	47.05	48.58	/	Pass
	3774.99	Outer_Full	47.15	49.07	/	Pass
DFT-s-OFDM 256 QAM	3725.01	Outer_Full	46.20	49.16	/	Pass
	3750	Outer_Full	46.08	49.25	/	Pass
	3774.99	Outer_Full	47.00	48.99	/	Pass
CP-OFDM QPSK	3725.01	Outer_Full	48.95	51.04	/	Pass
	3750	Outer_Full	48.20	72.04	/	Pass
	3774.99	Outer_Full	48.15	72.78	/	Pass
CP-OFDM 16 QAM	3725.01	Outer_Full	48.99	50.84	/	Pass
	3750	Outer_Full	48.89	50.91	/	Pass
	3774.99	Outer_Full	48.00	64.32	/	Pass
CP-OFDM 64 QAM	3725.01	Outer_Full	49.12	51.00	/	Pass
	3750	Outer_Full	48.10	50.62	/	Pass
	3774.99	Outer_Full	48.17	59.91	/	Pass
CP-OFDM 256 QAM	3725.01	Outer_Full	47.70	52.81	/	Pass
	3750	Outer_Full	47.73	50.62	/	Pass
	3774.99	Outer_Full	47.80	50.75	/	Pass

4.1.15 30k_SISO_60MHz_NTNV

5G NR n78a SCS=30kHz SISO 60MHz NTN						
Modulation	Frequency	RB	99% Bandwidth	26dB Bandwidth	Limit	Verdict

	(MHz)	Allocation	(MHz)	(MHz)	(MHz)	
DFT-s-OFDM QPSK	3730.02	Outer_Full	58.36	61.65	/	Pass
	3750	Outer_Full	58.41	62.30	/	Pass
	3769.98	Outer_Full	59.47	61.62	/	Pass
DFT-s-OFDM 16 QAM	3730.02	Outer_Full	58.95	61.09	/	Pass
	3750	Outer_Full	58.47	62.67	/	Pass
	3769.98	Outer_Full	59.60	62.03	/	Pass
DFT-s-OFDM 64 QAM	3730.02	Outer_Full	59.71	62.08	/	Pass
	3750	Outer_Full	58.52	62.07	/	Pass
	3769.98	Outer_Full	59.47	61.28	/	Pass
DFT-s-OFDM 256 QAM	3730.02	Outer_Full	58.18	62.20	/	Pass
	3750	Outer_Full	58.90	60.94	/	Pass
	3769.98	Outer_Full	58.27	62.87	/	Pass
CP-OFDM QPSK	3730.02	Outer_Full	59.59	62.21	/	Pass
	3750	Outer_Full	59.59	61.83	/	Pass
	3769.98	Outer_Full	58.60	77.94	/	Pass
CP-OFDM 16 QAM	3730.02	Outer_Full	59.52	62.28	/	Pass
	3750	Outer_Full	59.55	62.27	/	Pass
	3769.98	Outer_Full	59.63	62.09	/	Pass
CP-OFDM 64 QAM	3730.02	Outer_Full	59.40	61.84	/	Pass
	3750	Outer_Full	58.35	61.67	/	Pass
	3769.98	Outer_Full	59.62	61.92	/	Pass
CP-OFDM 256 QAM	3730.02	Outer_Full	59.47	61.85	/	Pass
	3750	Outer_Full	58.42	61.49	/	Pass
	3769.98	Outer_Full	59.65	61.93	/	Pass

4.1.16 30k_SISO_70MHz_NTNV

5G NR n78a SCS=30kHz SISO 70MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3735	Outer_Full	66.47	69.36	/	Pass
	3750	Outer_Full	66.45	69.33	/	Pass
	3765	Outer_Full	66.45	69.19	/	Pass
DFT-s-OFDM 16 QAM	3735	Outer_Full	64.95	69.51	/	Pass
	3750	Outer_Full	66.26	69.48	/	Pass
	3765	Outer_Full	66.47	69.23	/	Pass
DFT-s-OFDM 64 QAM	3735	Outer_Full	65.23	69.65	/	Pass
	3750	Outer_Full	64.93	69.67	/	Pass
	3765	Outer_Full	66.27	69.23	/	Pass
DFT-s-OFDM 256 QAM	3735	Outer_Full	64.90	69.56	/	Pass
	3750	Outer_Full	66.57	69.28	/	Pass
	3765	Outer_Full	66.58	68.97	/	Pass
CP-OFDM QPSK	3735	Outer_Full	70.31	86.04	/	Pass
	3750	Outer_Full	68.47	71.51	/	Pass
	3765	Outer_Full	68.29	71.55	/	Pass
CP-OFDM 16 QAM	3735	Outer_Full	70.17	86.80	/	Pass
	3750	Outer_Full	68.97	87.70	/	Pass
	3765	Outer_Full	69.76	71.95	/	Pass
CP-OFDM 64 QAM	3735	Outer_Full	69.90	72.80	/	Pass
	3750	Outer_Full	69.79	72.69	/	Pass
	3765	Outer_Full	68.59	77.39	/	Pass
CP-OFDM 256 QAM	3735	Outer_Full	69.83	72.45	/	Pass
	3750	Outer_Full	69.86	72.43	/	Pass
	3765	Outer_Full	67.79	70.89	/	Pass

4.1.17 30k_SISO_80MHz_NTNV

5G NR n78a SCS=30kHz SISO 80MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3740.01	Outer_Full	79.53	83.06	/	Pass
	3750	Outer_Full	79.47	82.89	/	Pass
	3759.99	Outer_Full	79.17	82.80	/	Pass
DFT-s-OFDM 16 QAM	3740.01	Outer_Full	77.53	82.89	/	Pass
	3750	Outer_Full	77.58	81.52	/	Pass
	3759.99	Outer_Full	77.92	83.15	/	Pass
DFT-s-OFDM 64 QAM	3740.01	Outer_Full	77.65	83.17	/	Pass
	3750	Outer_Full	79.44	82.87	/	Pass
	3759.99	Outer_Full	79.65	82.75	/	Pass
DFT-s-OFDM 256 QAM	3740.01	Outer_Full	79.43	82.64	/	Pass
	3750	Outer_Full	79.80	82.69	/	Pass
	3759.99	Outer_Full	78.71	81.06	/	Pass
CP-OFDM QPSK	3740.01	Outer_Full	78.40	107.21	/	Pass
	3750	Outer_Full	78.30	97.60	/	Pass
	3759.99	Outer_Full	79.85	83.27	/	Pass
CP-OFDM 16 QAM	3740.01	Outer_Full	78.64	99.87	/	Pass
	3750	Outer_Full	78.62	82.69	/	Pass
	3759.99	Outer_Full	78.23	96.65	/	Pass
CP-OFDM 64 QAM	3740.01	Outer_Full	78.05	96.87	/	Pass
	3750	Outer_Full	79.91	83.05	/	Pass
	3759.99	Outer_Full	78.34	85.75	/	Pass
CP-OFDM 256 QAM	3740.01	Outer_Full	78.16	83.37	/	Pass
	3750	Outer_Full	78.11	83.24	/	Pass
	3759.99	Outer_Full	77.76	80.99	/	Pass

4.1.18 30k_SISO_90MHz_NTNV

5G NR n78a SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3745.02	Outer_Full	89.38	93.30	/	Pass
	3750	Outer_Full	88.94	93.04	/	Pass
	3754.98	Outer_Full	87.50	93.24	/	Pass
DFT-s-OFDM 16 QAM	3745.02	Outer_Full	87.36	93.16	/	Pass
	3750	Outer_Full	89.58	94.31	/	Pass
	3754.98	Outer_Full	87.30	93.36	/	Pass
DFT-s-OFDM 64 QAM	3745.02	Outer_Full	87.44	93.51	/	Pass
	3750	Outer_Full	89.31	93.38	/	Pass
	3754.98	Outer_Full	89.35	93.26	/	Pass
DFT-s-OFDM 256 QAM	3745.02	Outer_Full	89.30	92.78	/	Pass
	3750	Outer_Full	89.09	93.07	/	Pass
	3754.98	Outer_Full	87.54	93.13	/	Pass
CP-OFDM QPSK	3745.02	Outer_Full	90.03	93.93	/	Pass
	3750	Outer_Full	88.63	107.41	/	Pass
	3754.98	Outer_Full	88.07	102.90	/	Pass
CP-OFDM 16 QAM	3745.02	Outer_Full	90.08	93.97	/	Pass
	3750	Outer_Full	90.12	93.60	/	Pass
	3754.98	Outer_Full	90.13	101.62	/	Pass
CP-OFDM 64 QAM	3745.02	Outer_Full	89.47	104.99	/	Pass
	3750	Outer_Full	90.43	93.59	/	Pass
	3754.98	Outer_Full	88.32	104.13	/	Pass
CP-OFDM 256 QAM	3745.02	Outer_Full	87.92	93.77	/	Pass

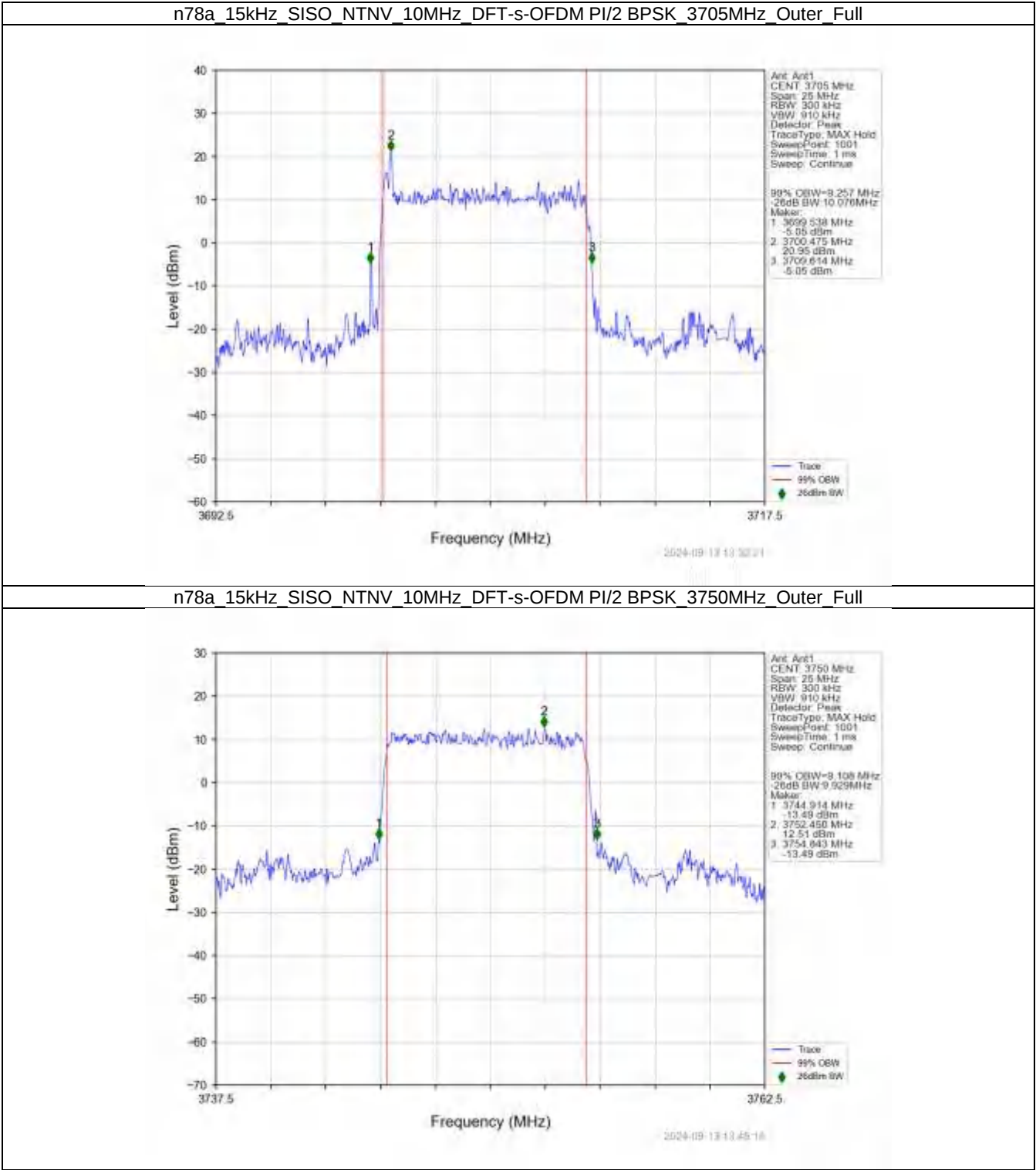
	3750	Outer_Full	87.92	92.77	/	Pass
	3754.98	Outer_Full	90.13	93.61	/	Pass

4.1.19 30k_SISO_100MHz_NTNV

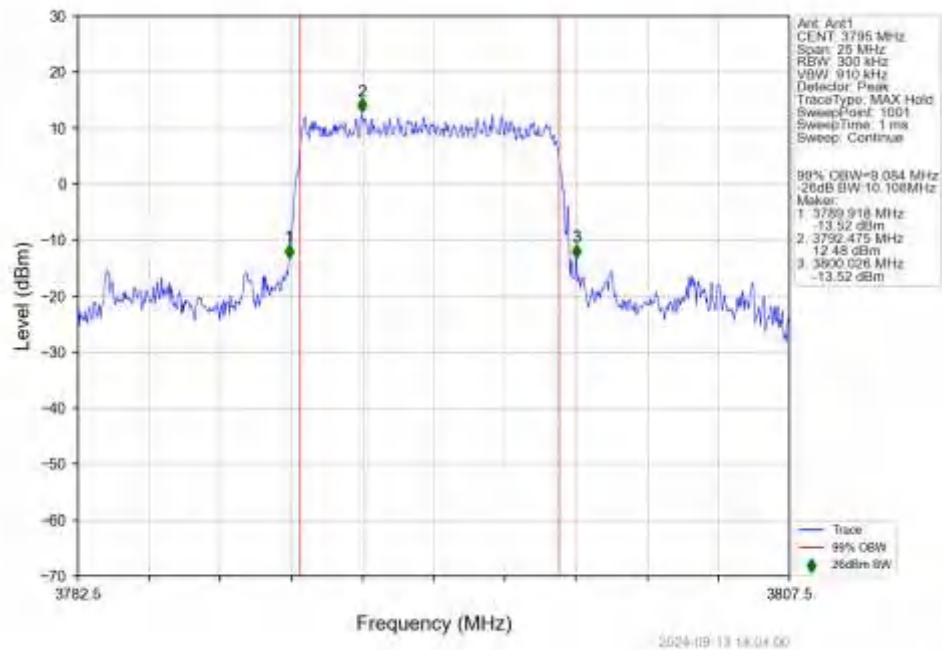
5G NR n78a SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3750	Outer_Full	97.00	103.54	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	99.20	103.66	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	97.00	103.57	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	96.79	103.45	/	Pass
CP-OFDM QPSK	3750	Outer_Full	98.89	112.05	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	99.52	104.84	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	97.76	105.61	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	98.09	104.48	/	Pass

4.2 Test Graph

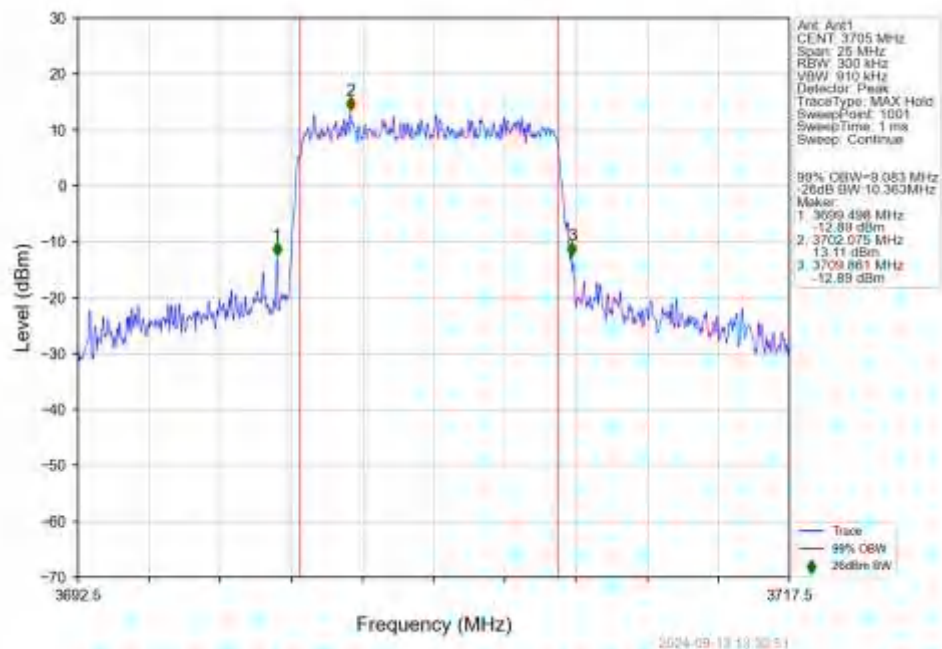
4.2.1 15k_SISO_10MHz_NTNV



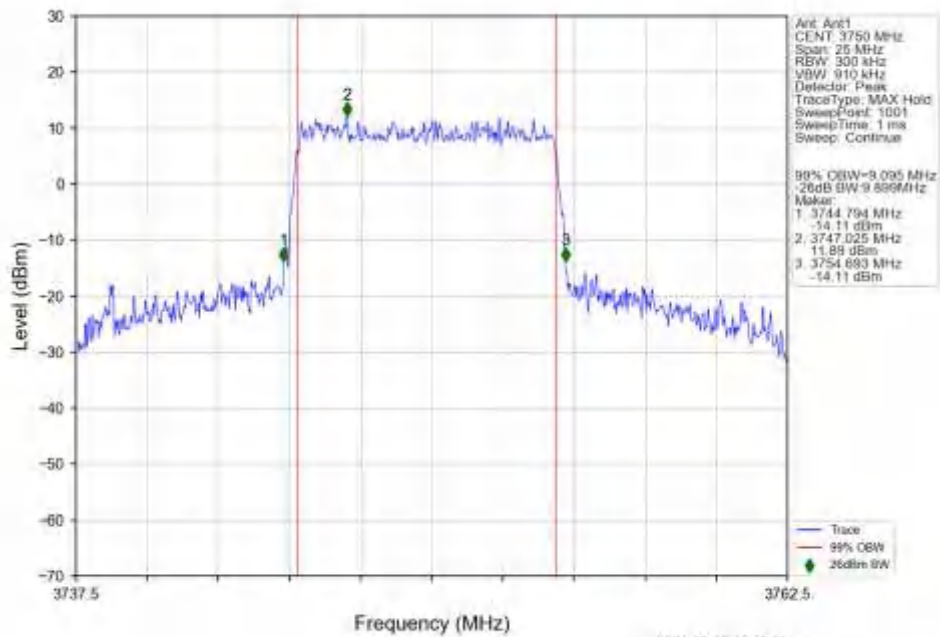
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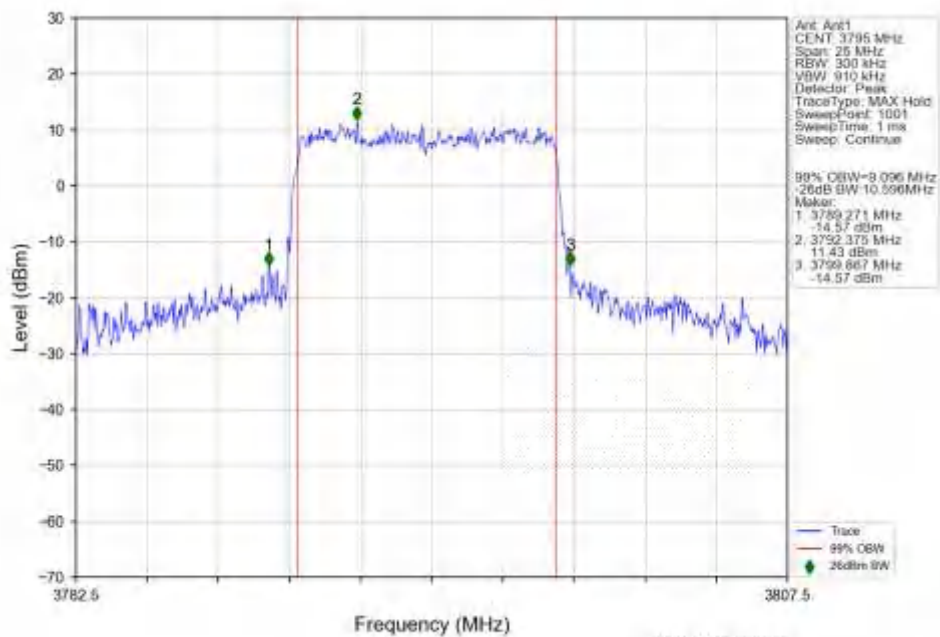
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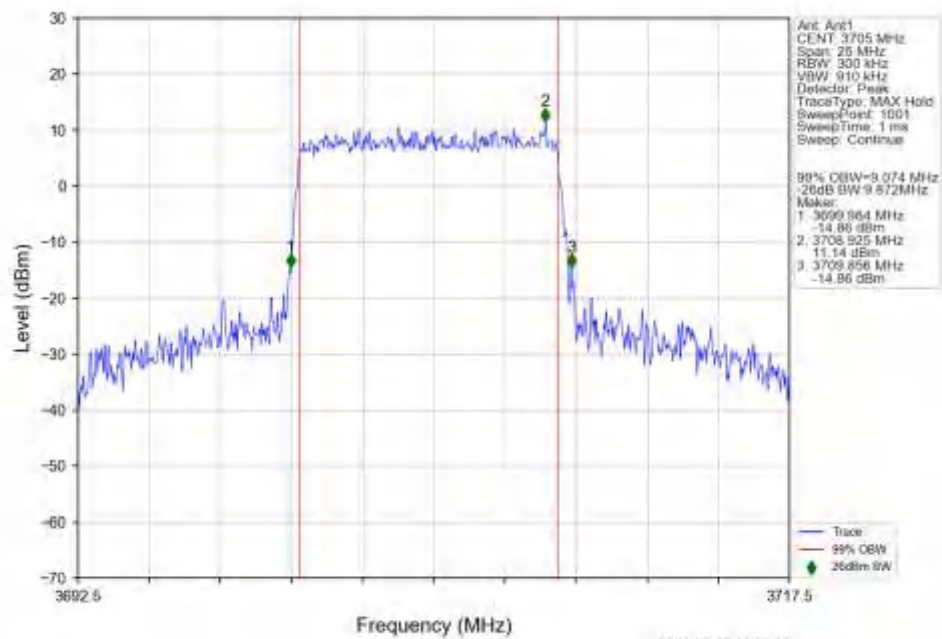
n78a_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3750MHz_Outer_Full



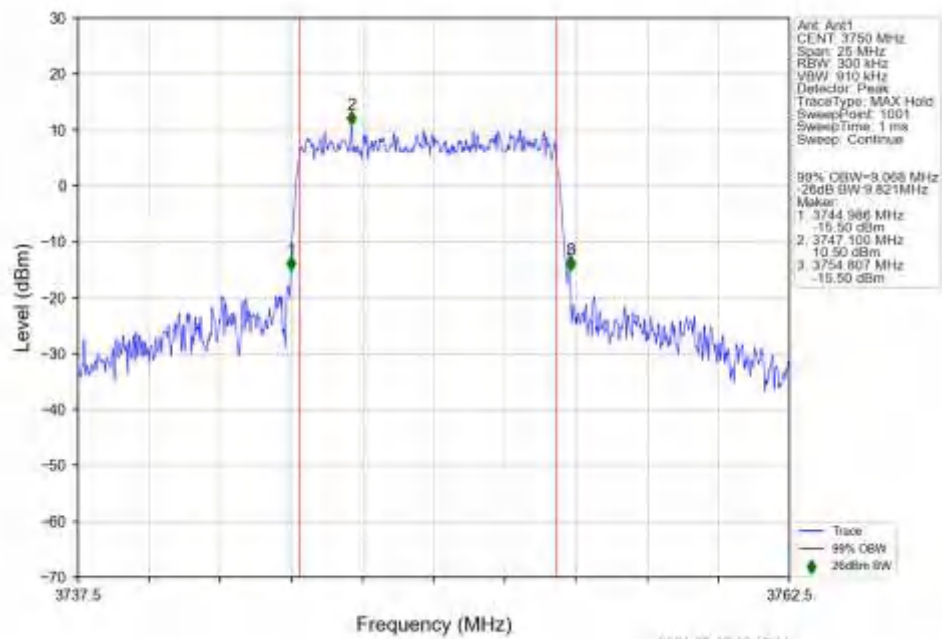
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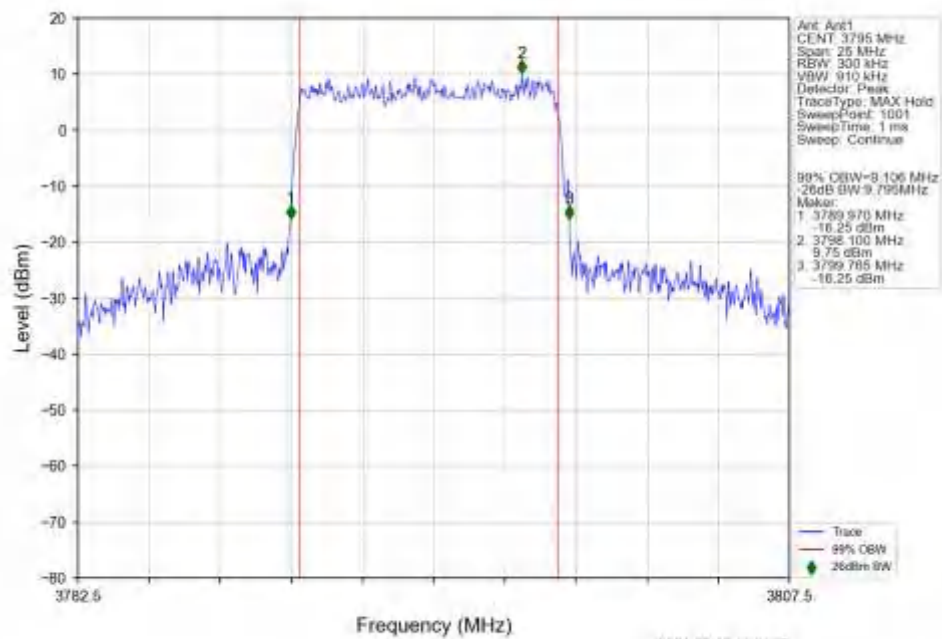
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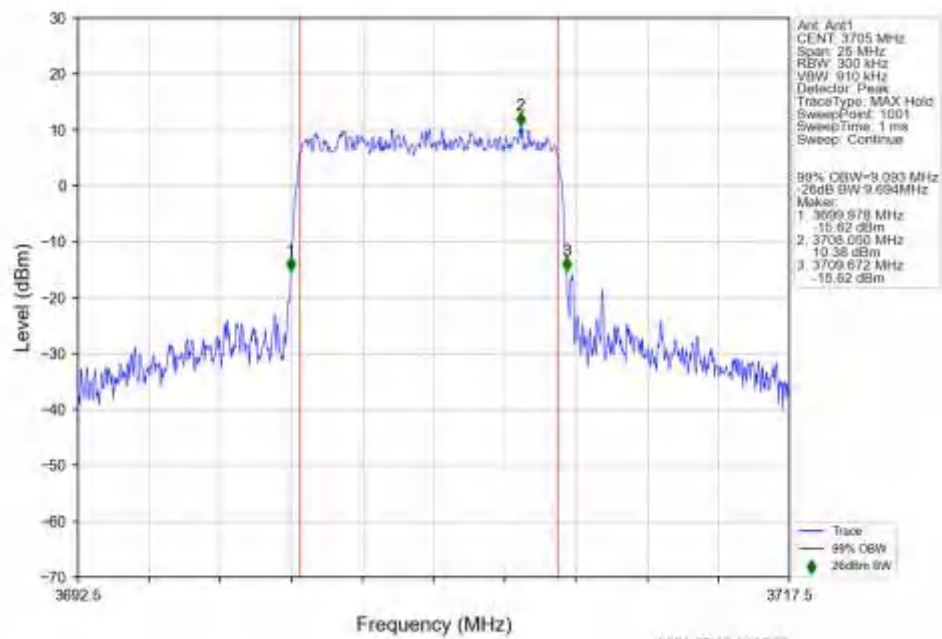
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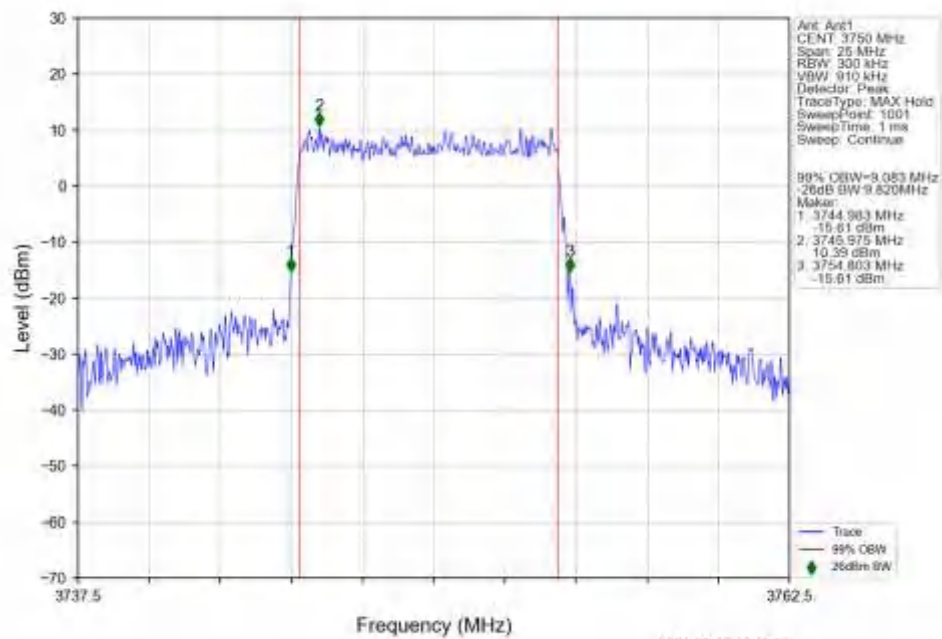
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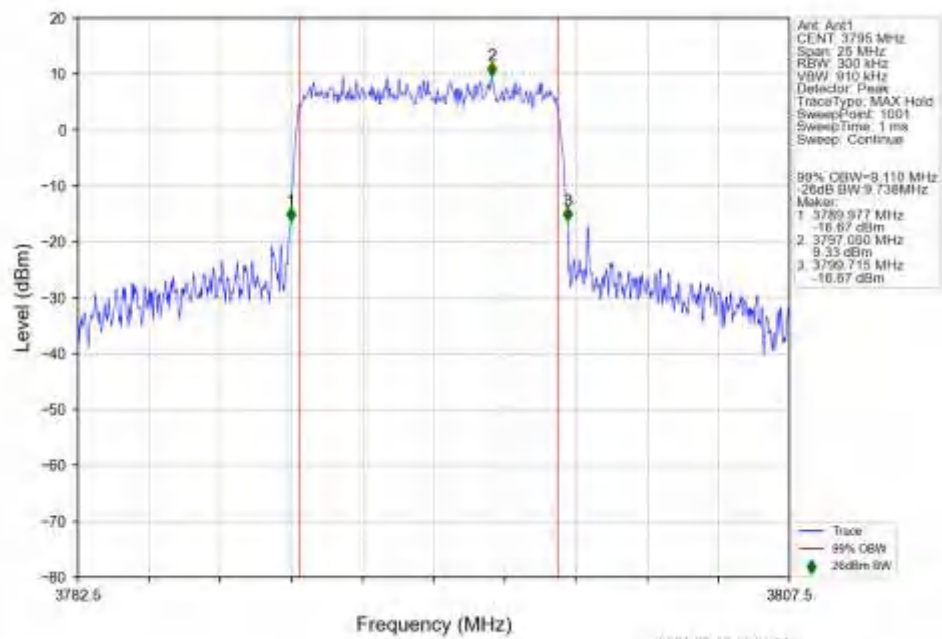
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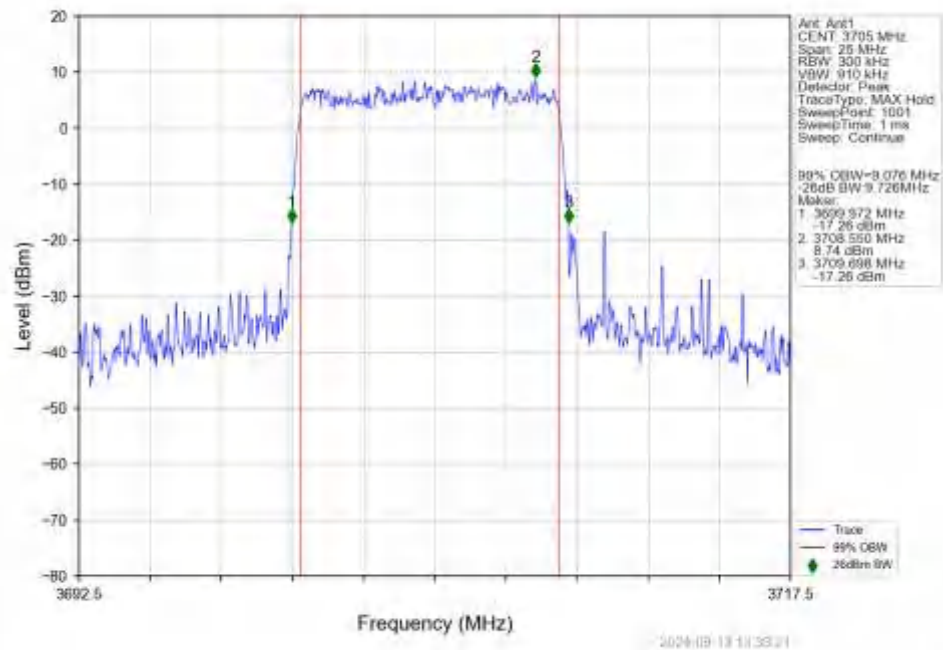
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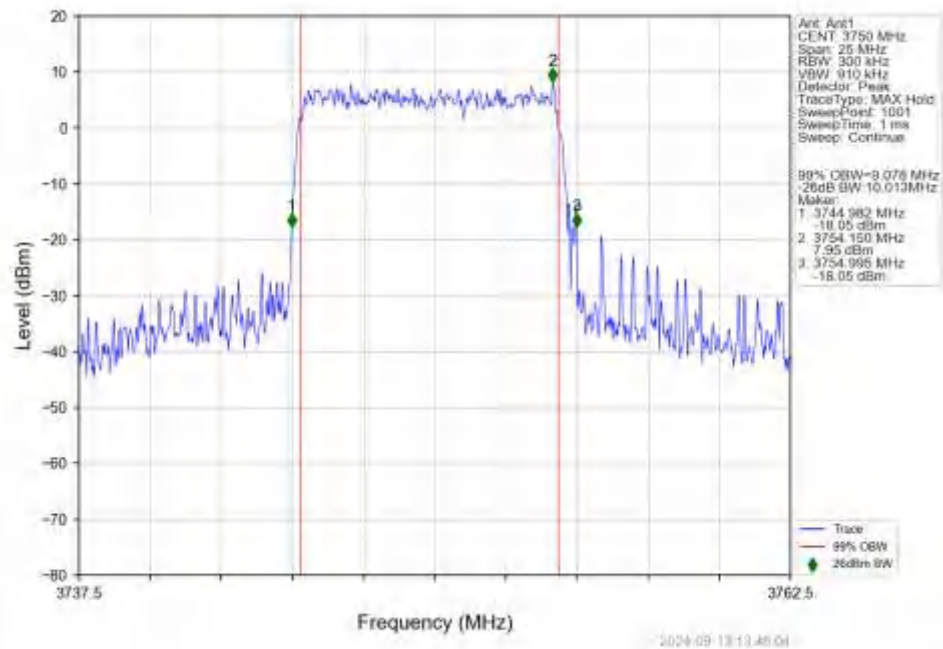
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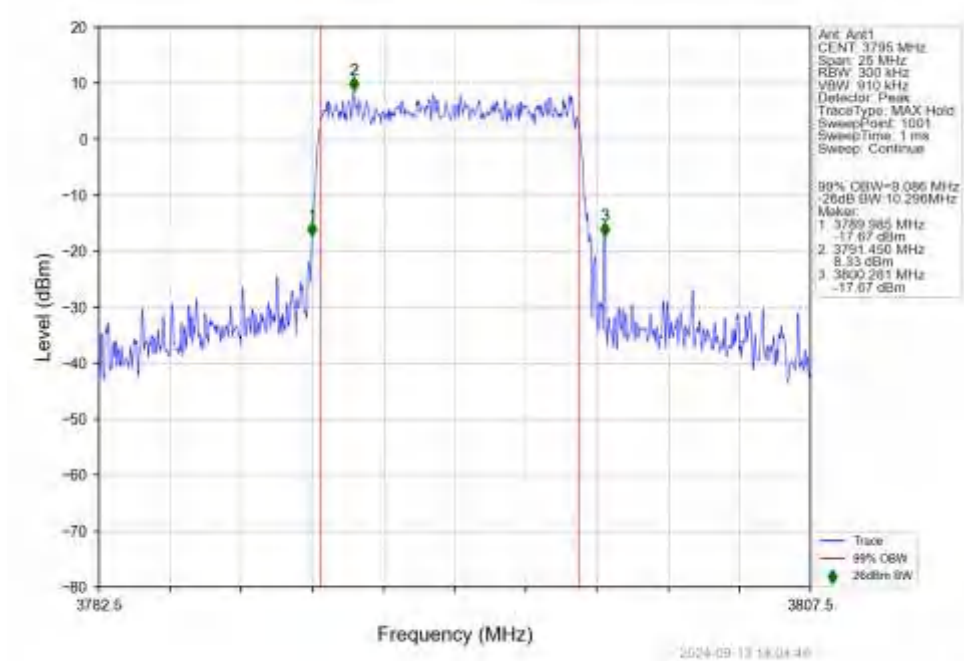
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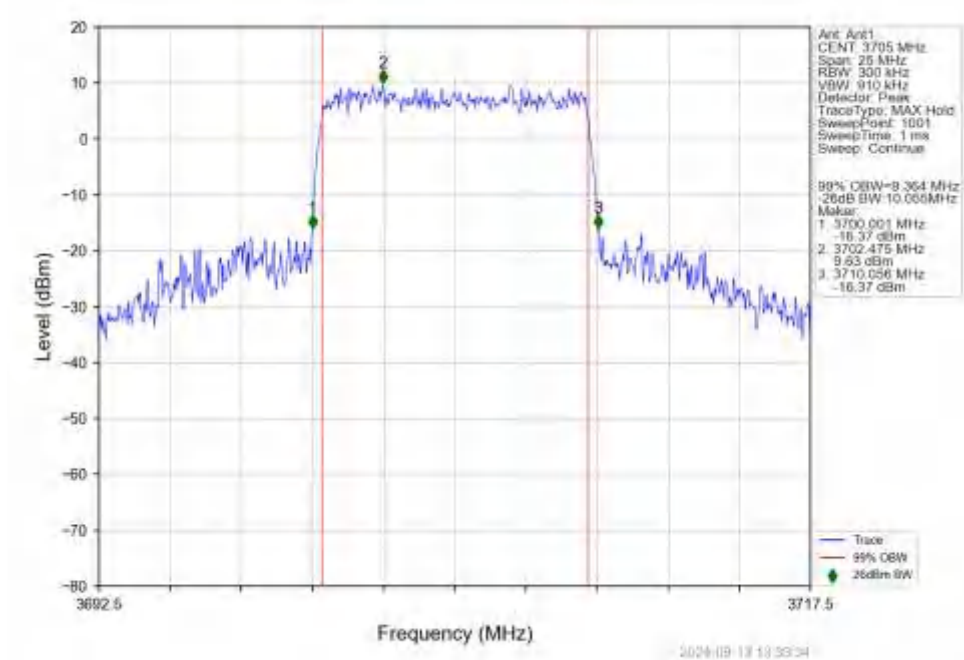
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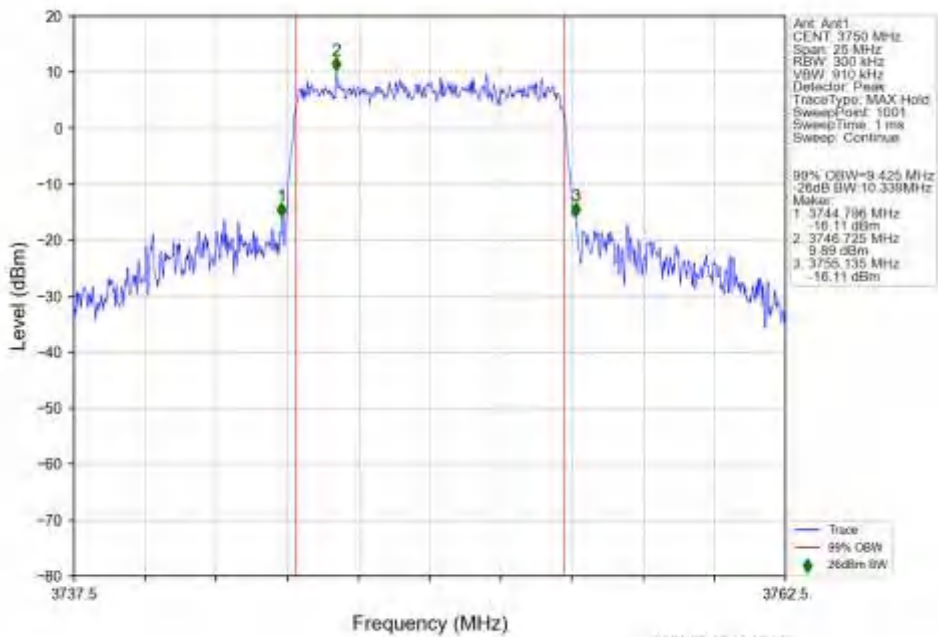
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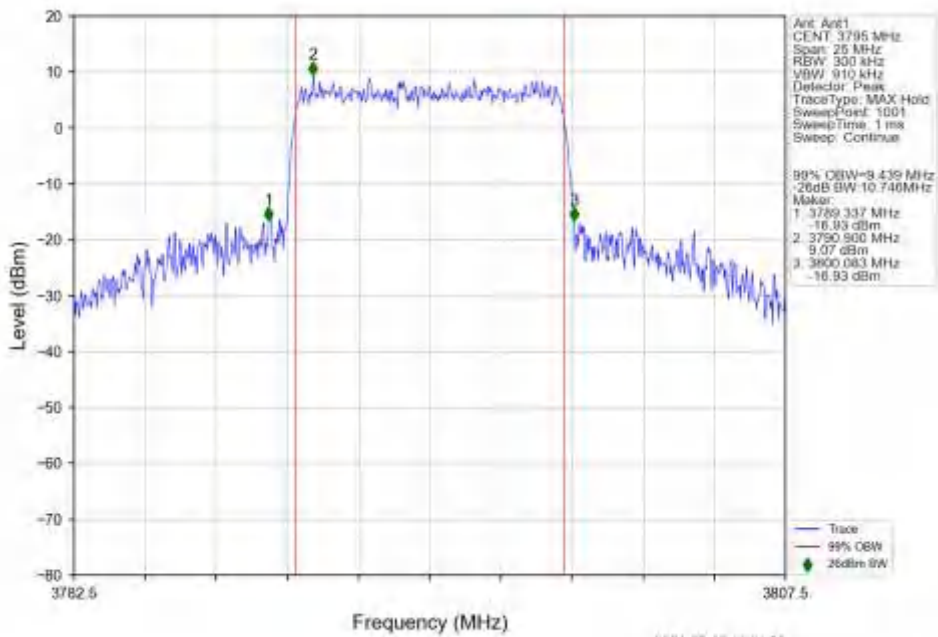
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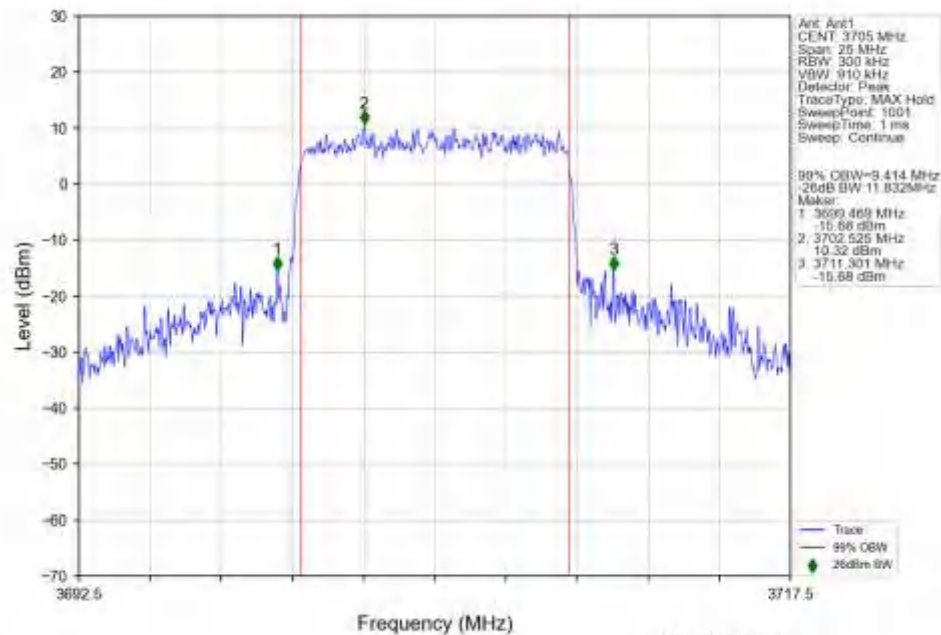
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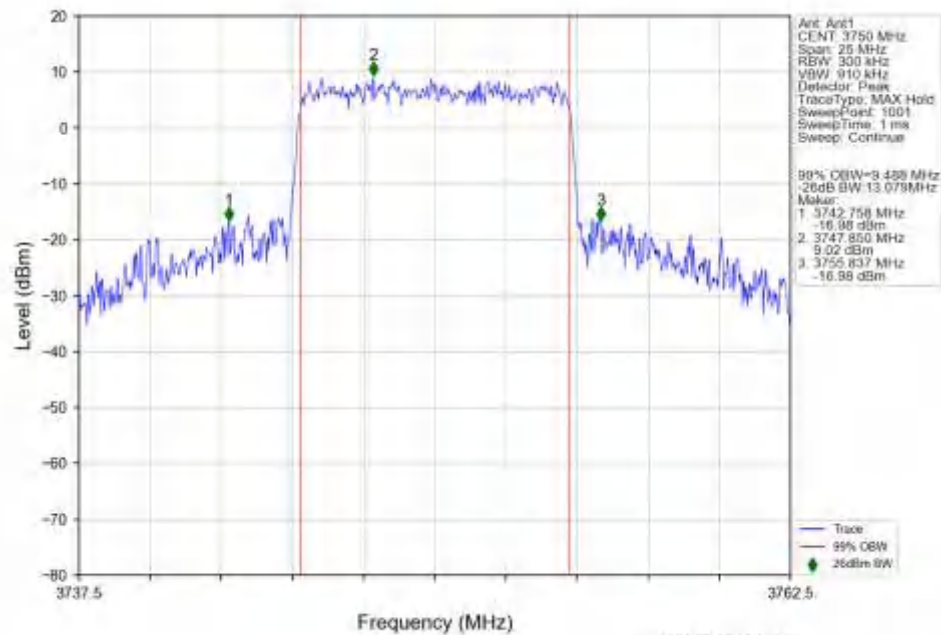
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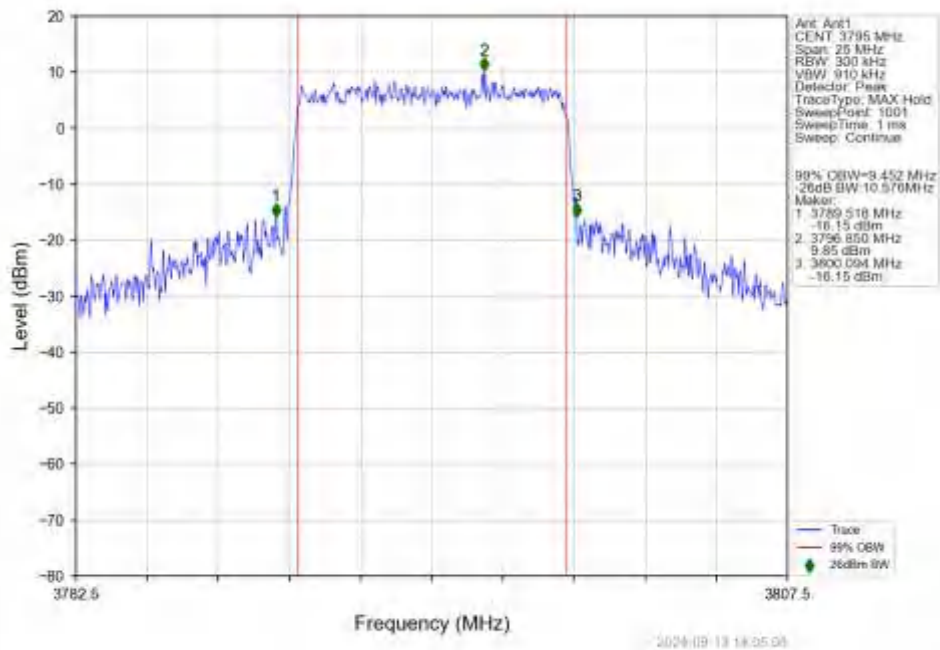
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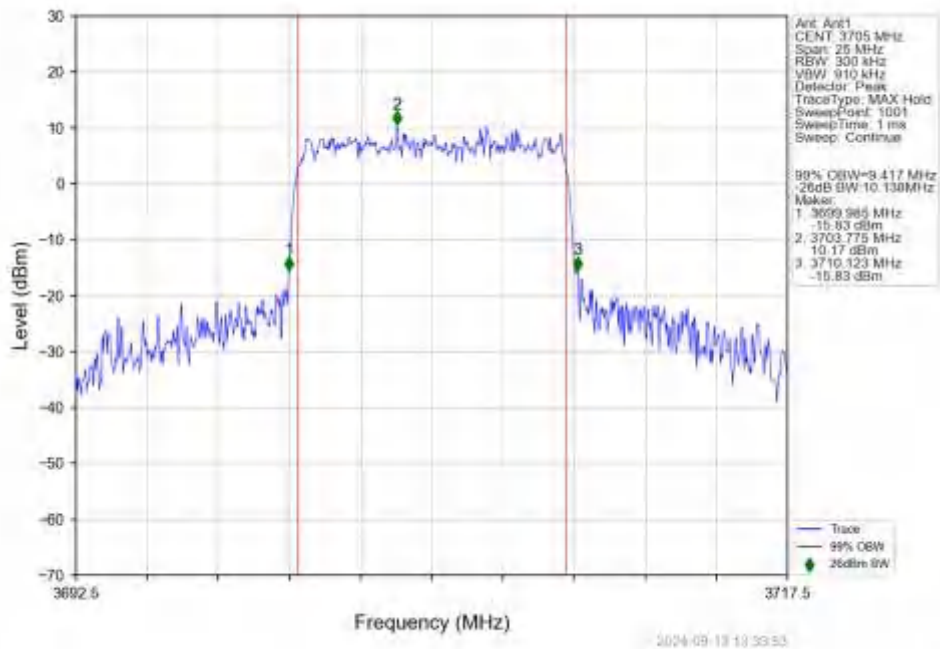
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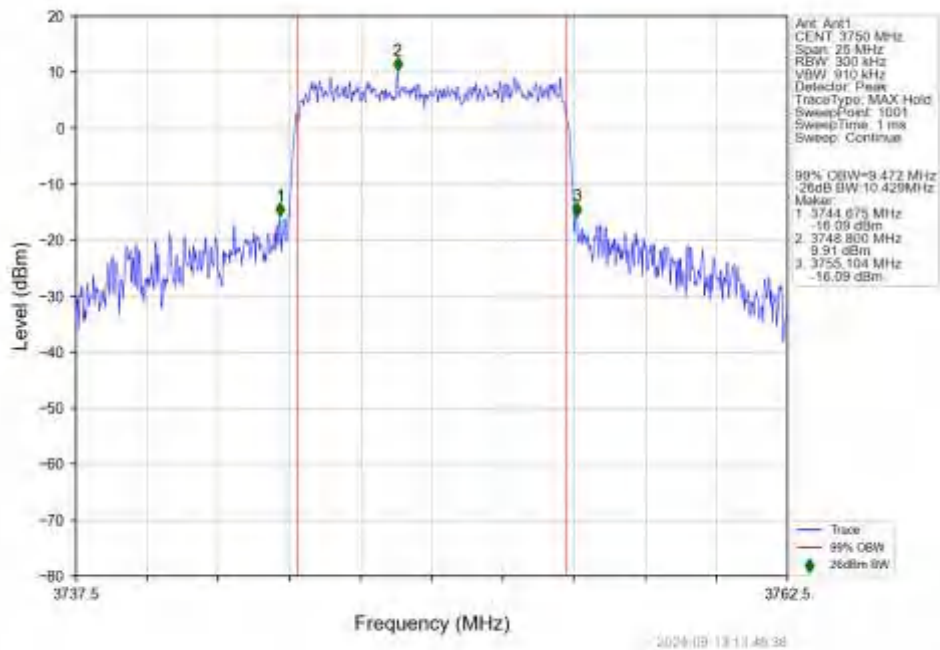
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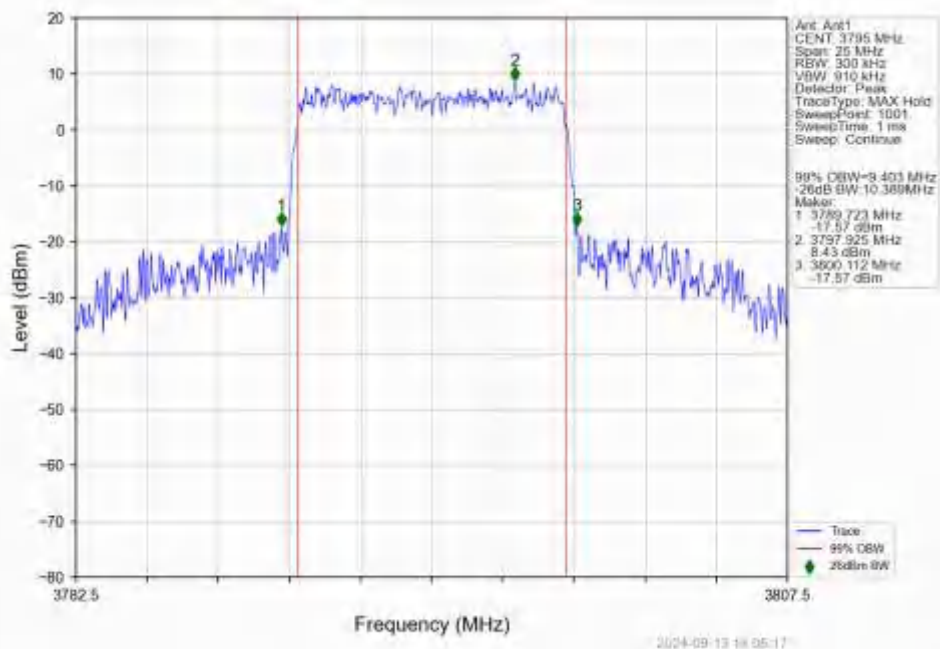
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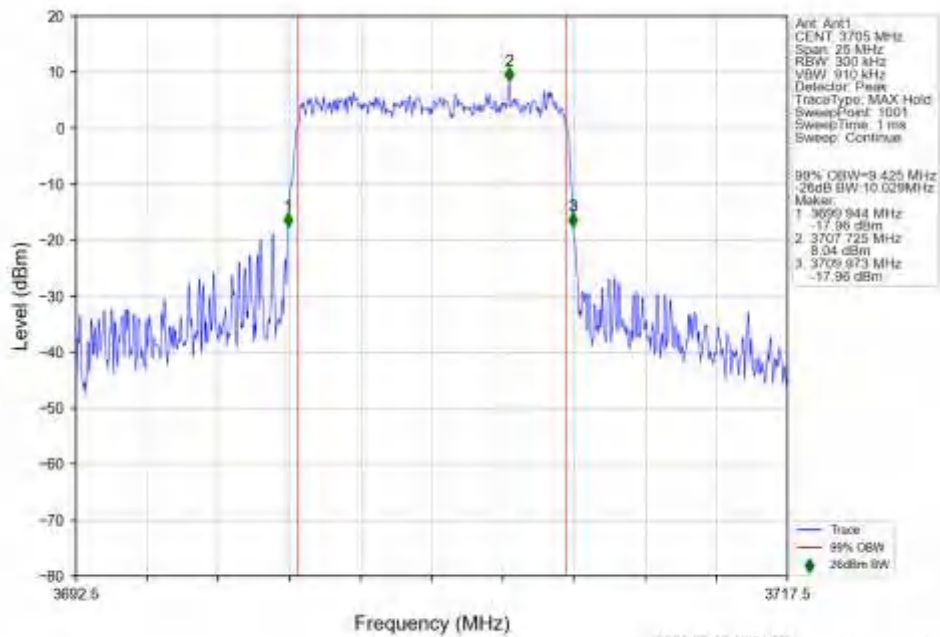
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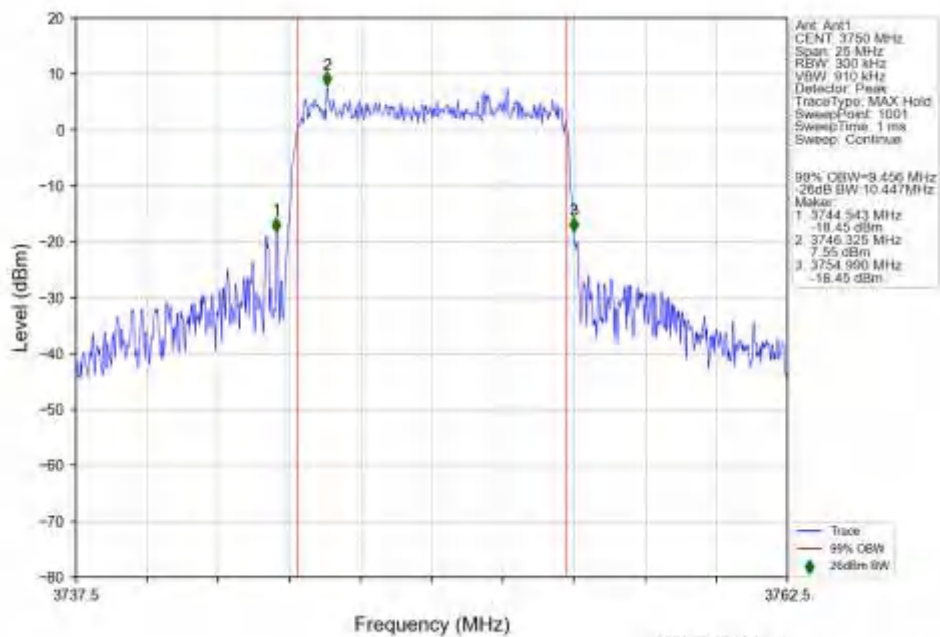
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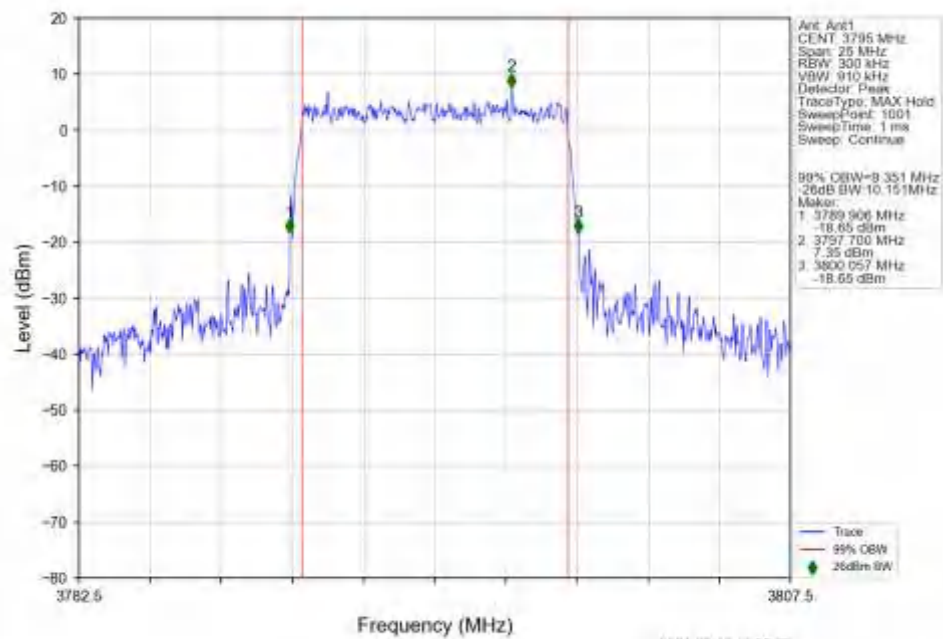
n78a_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3705MHz_Outer_Full



n78a_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full

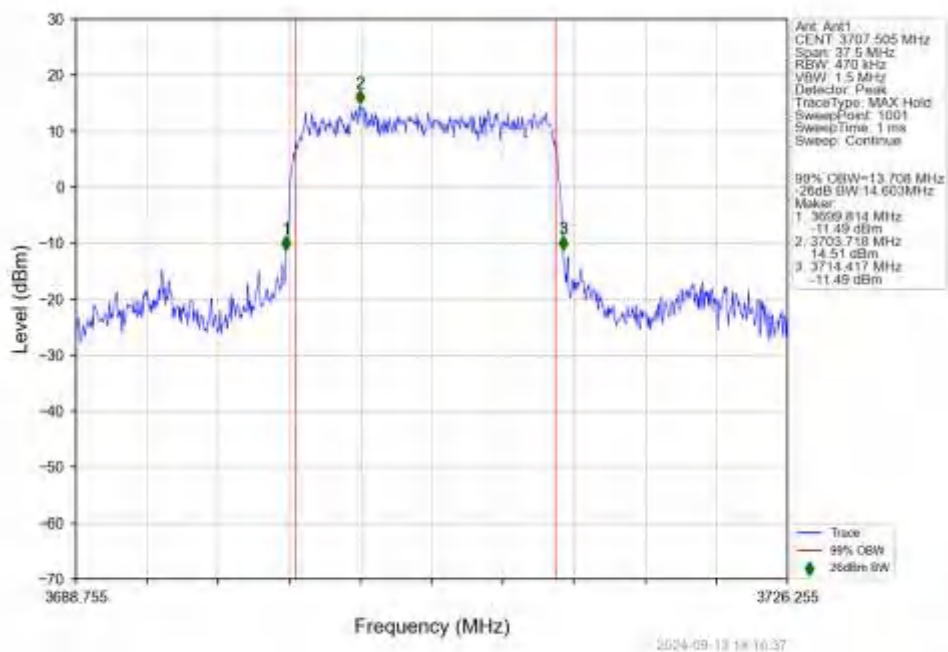


n78a_15kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3795MHz_Outer_Full

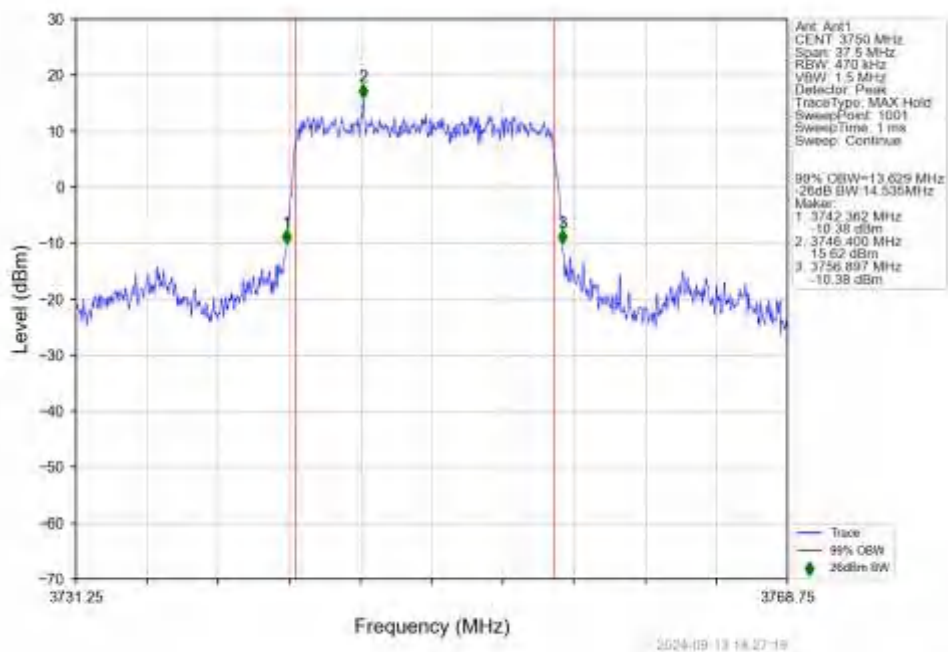


4.2.2 15k_SISO_15MHz_NTNV

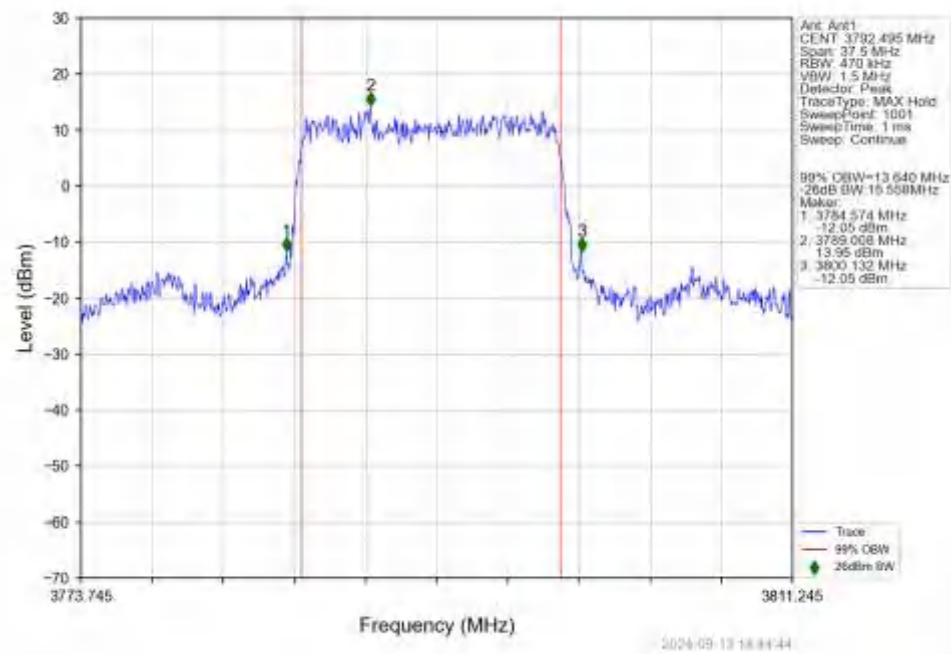
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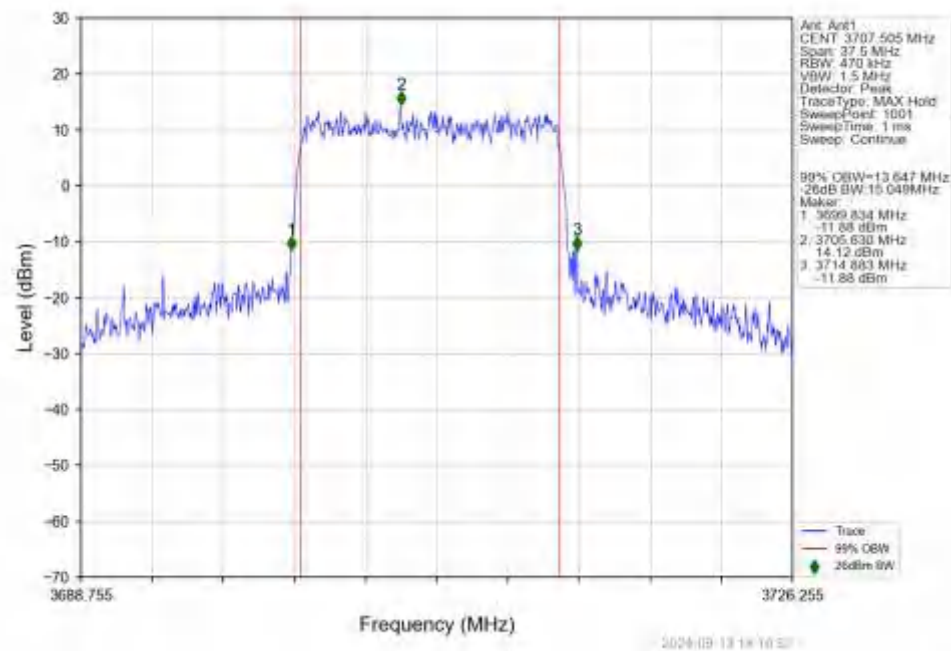
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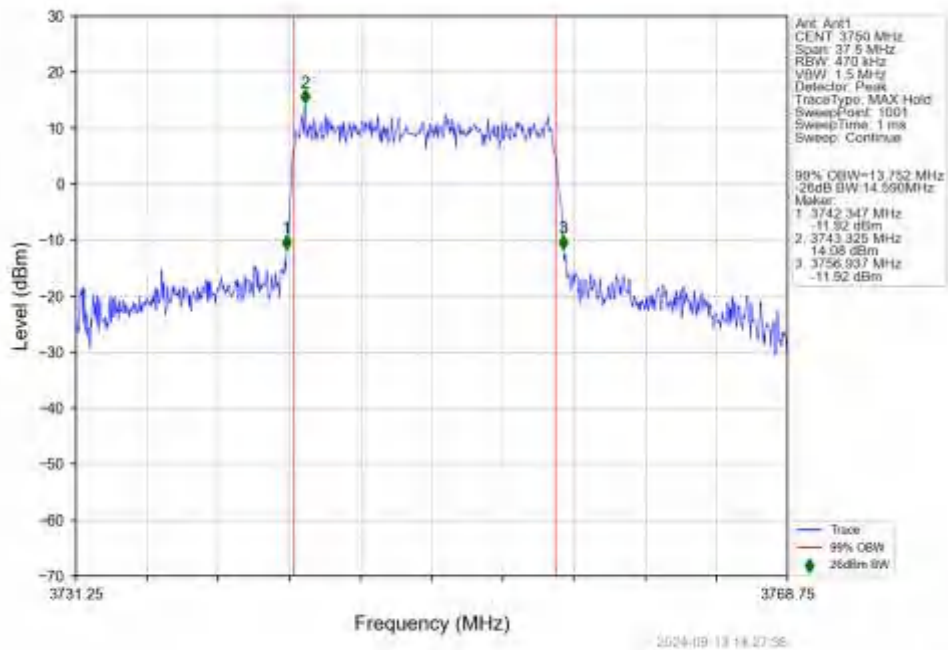
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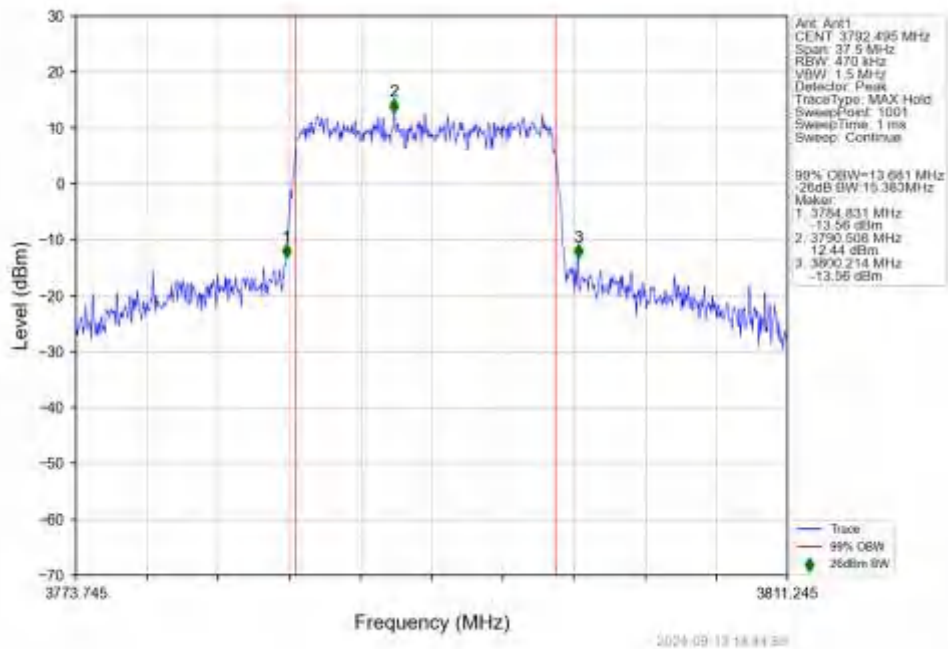
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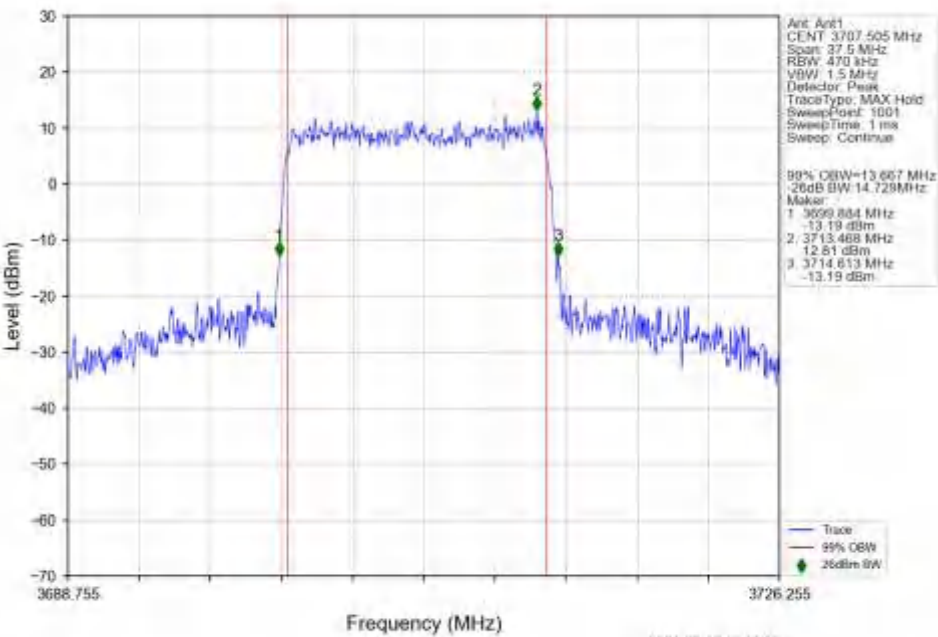
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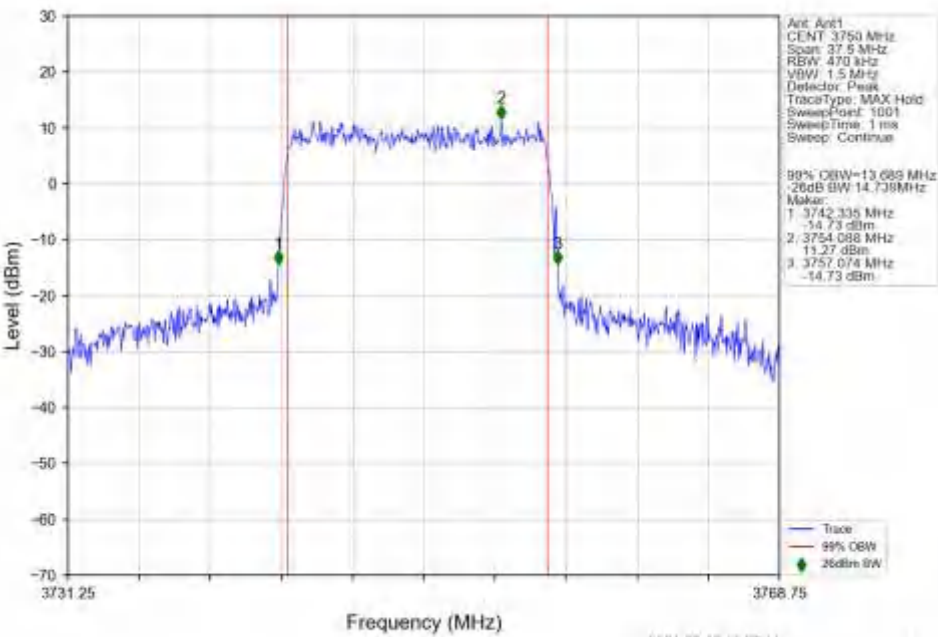
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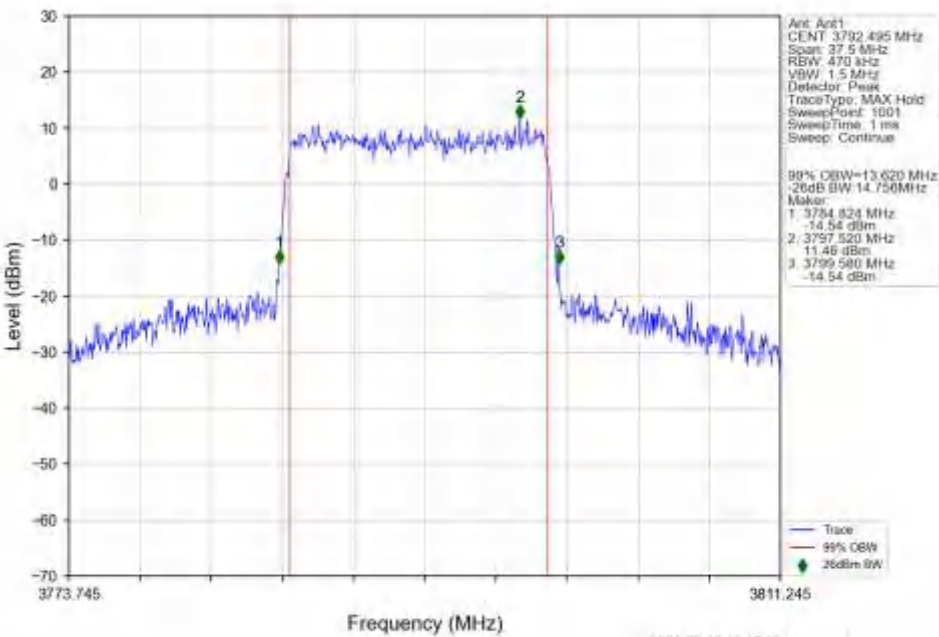
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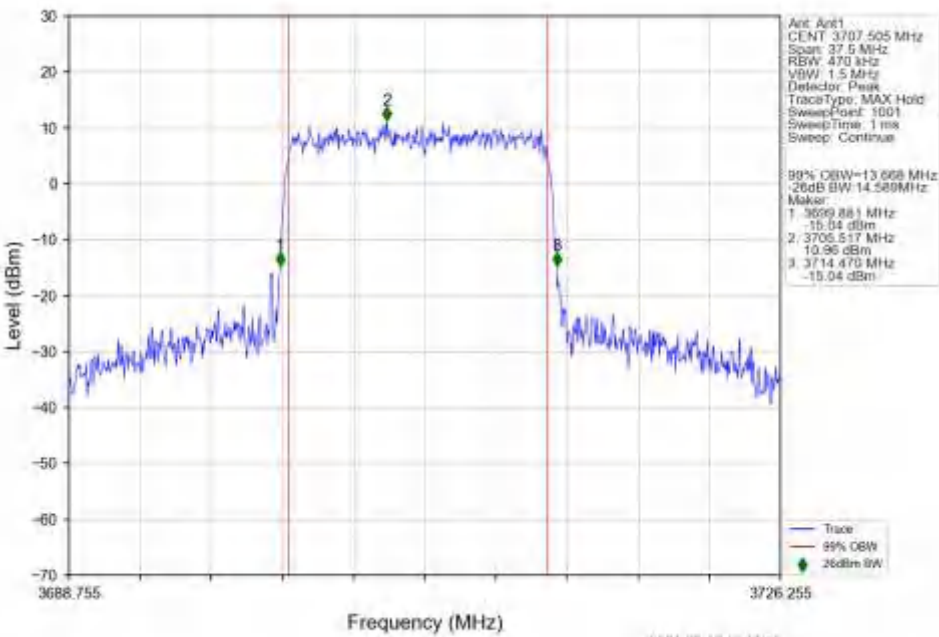
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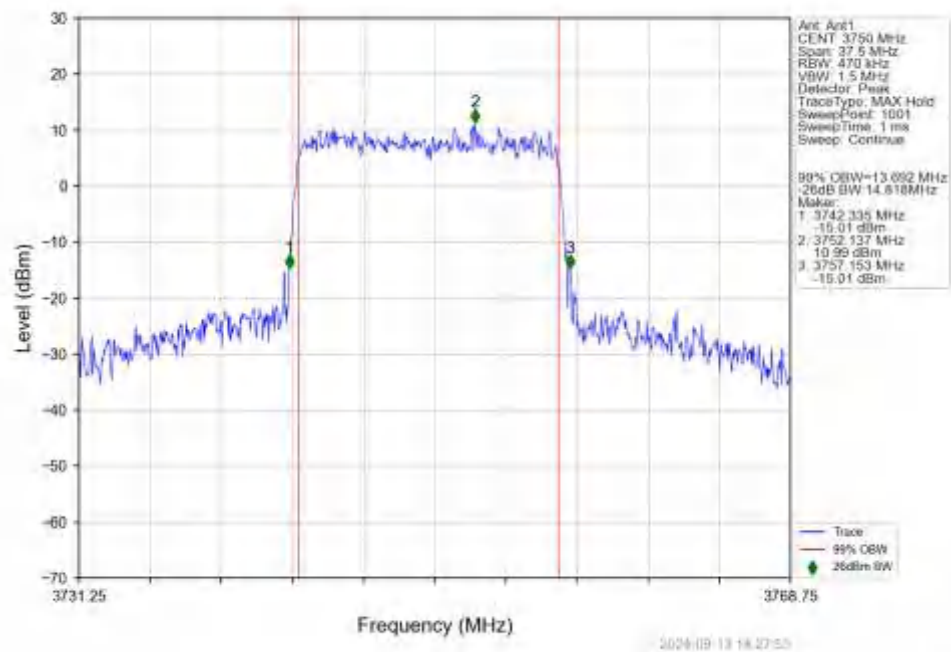
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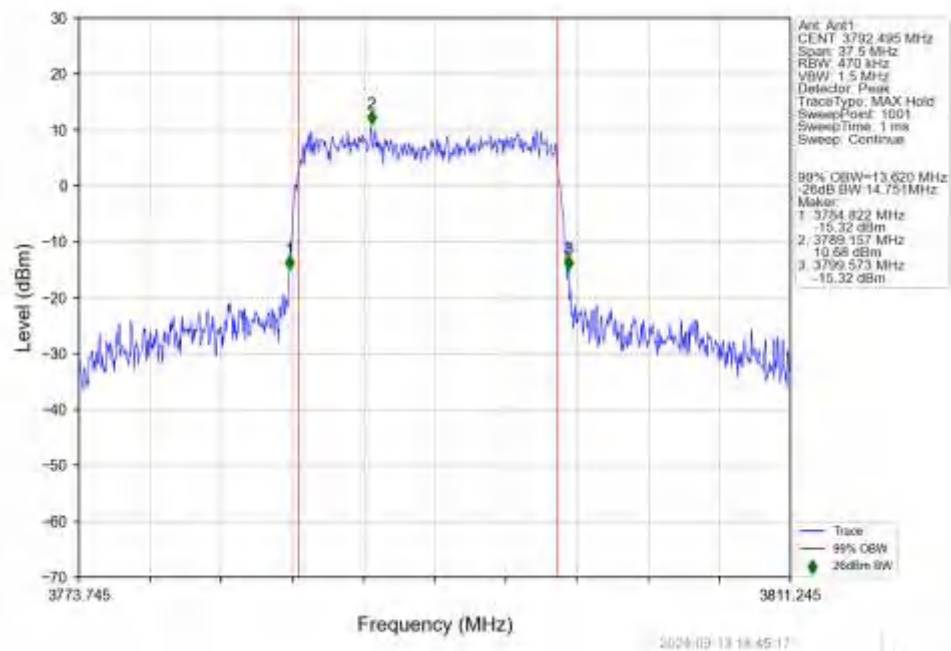
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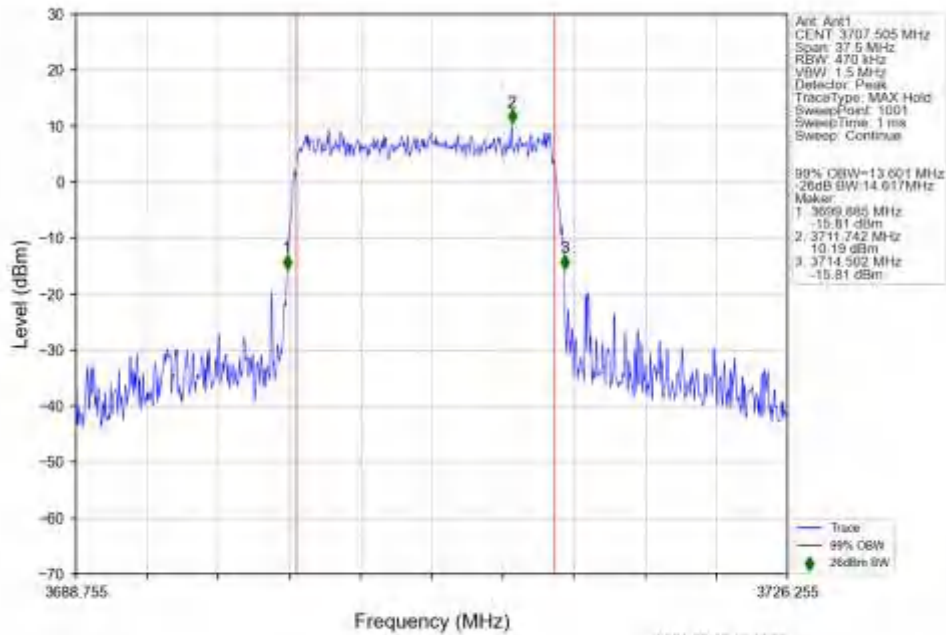
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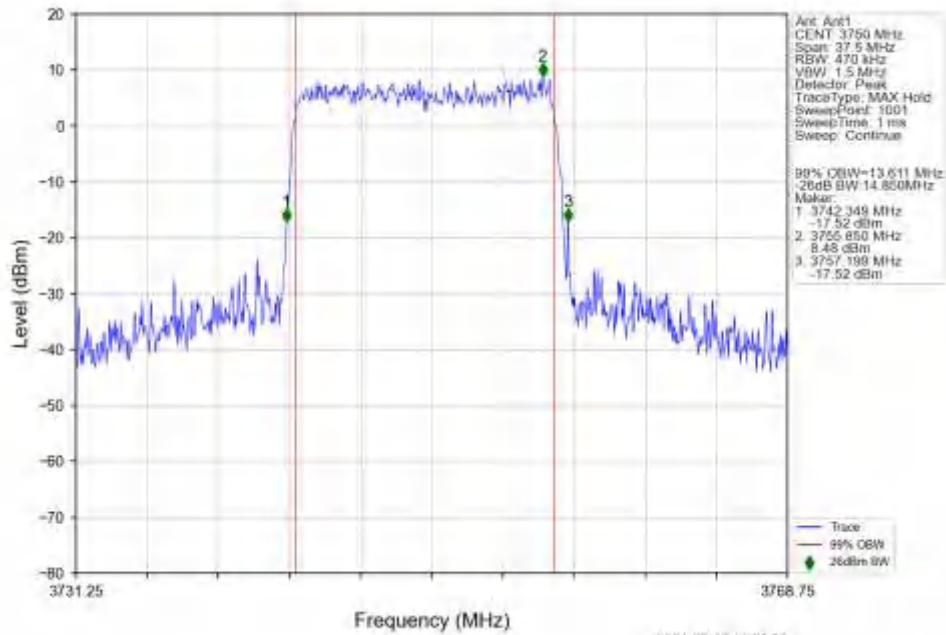
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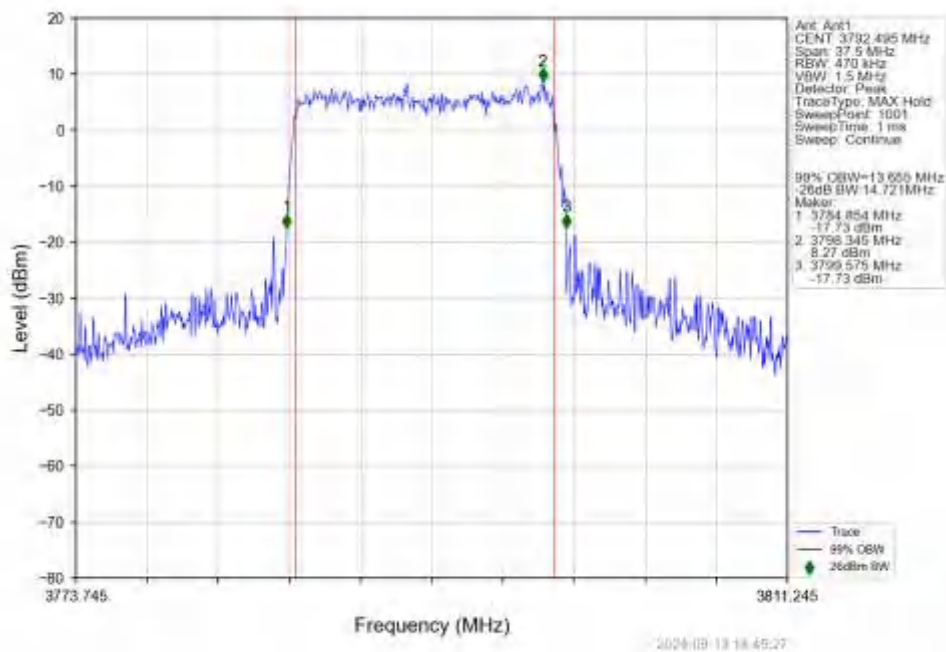
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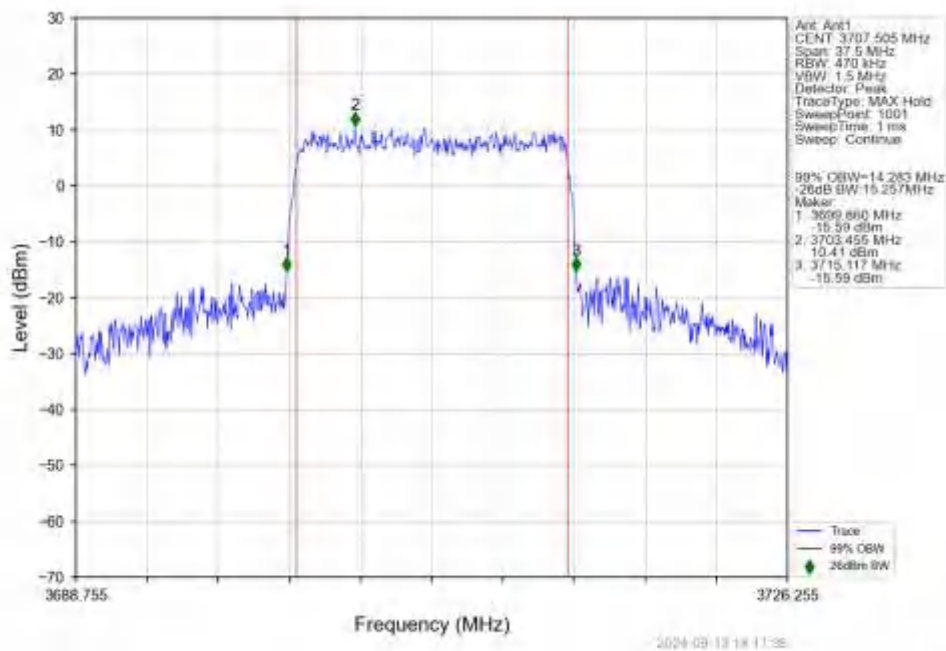
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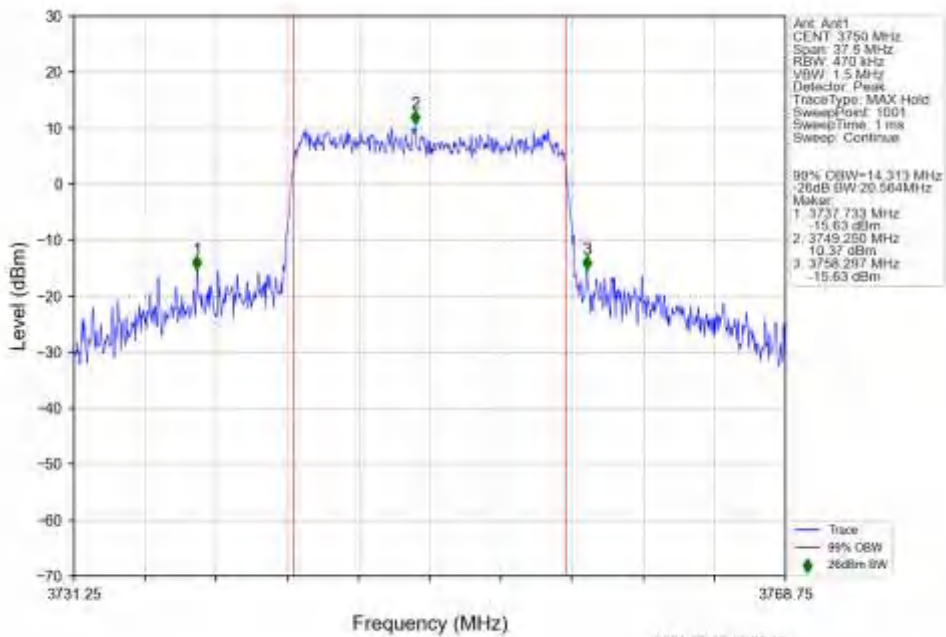
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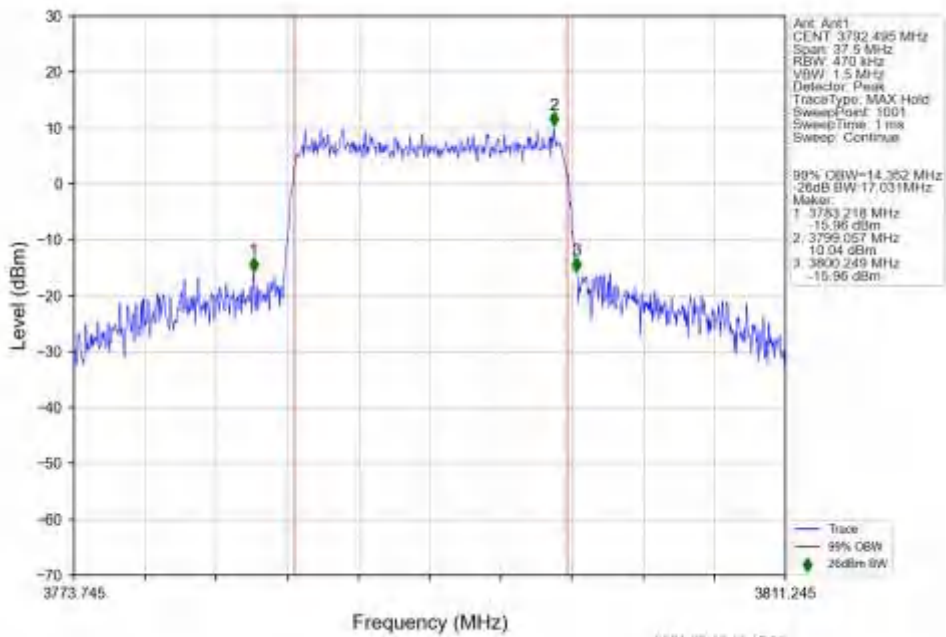
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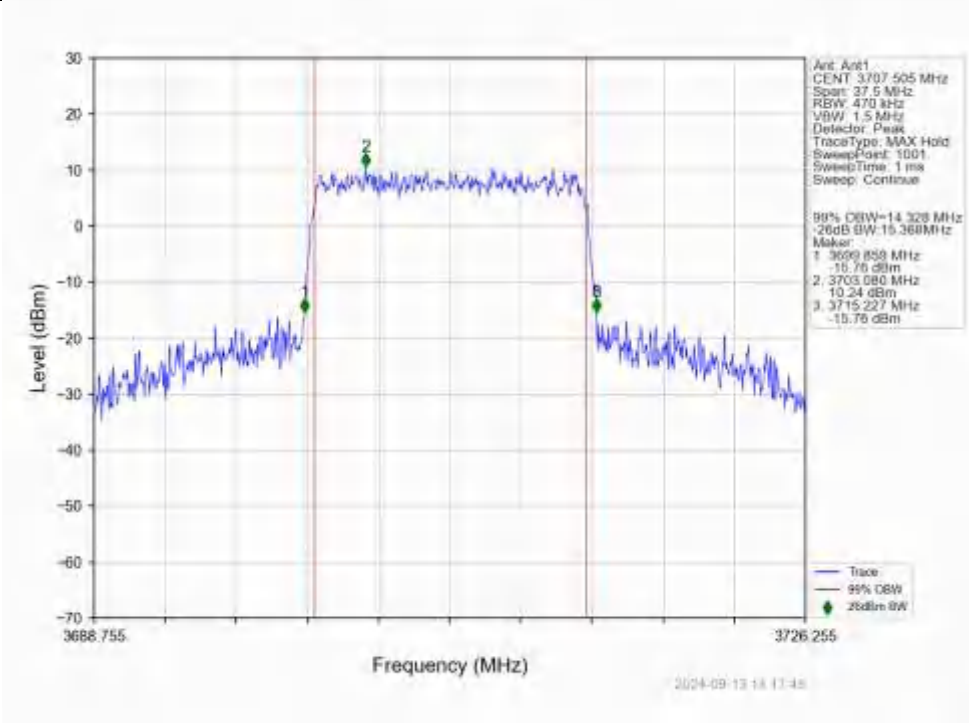
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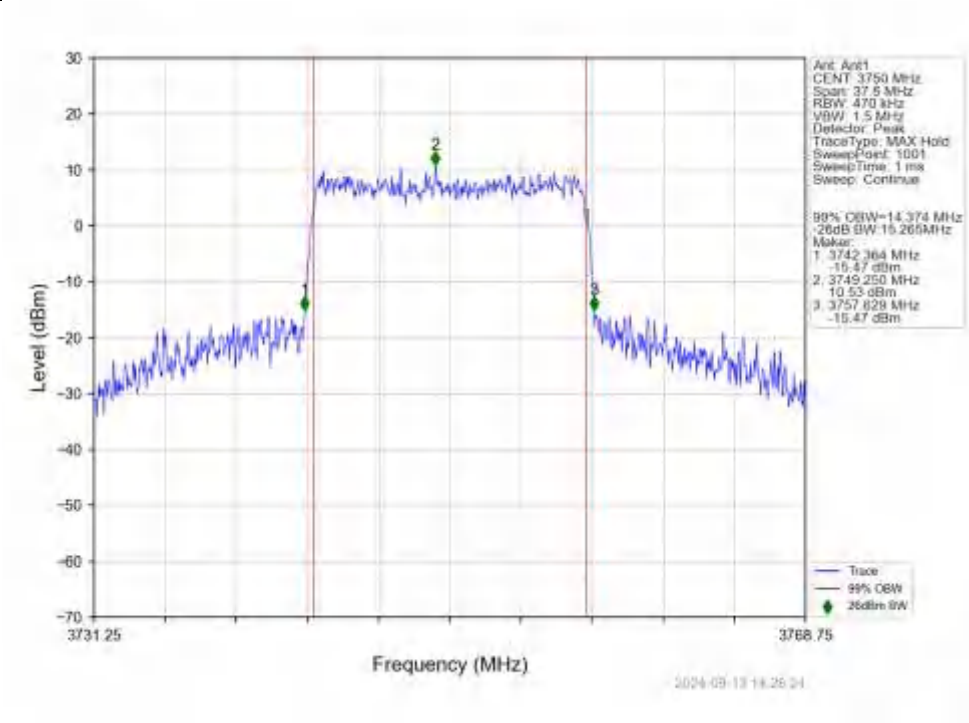
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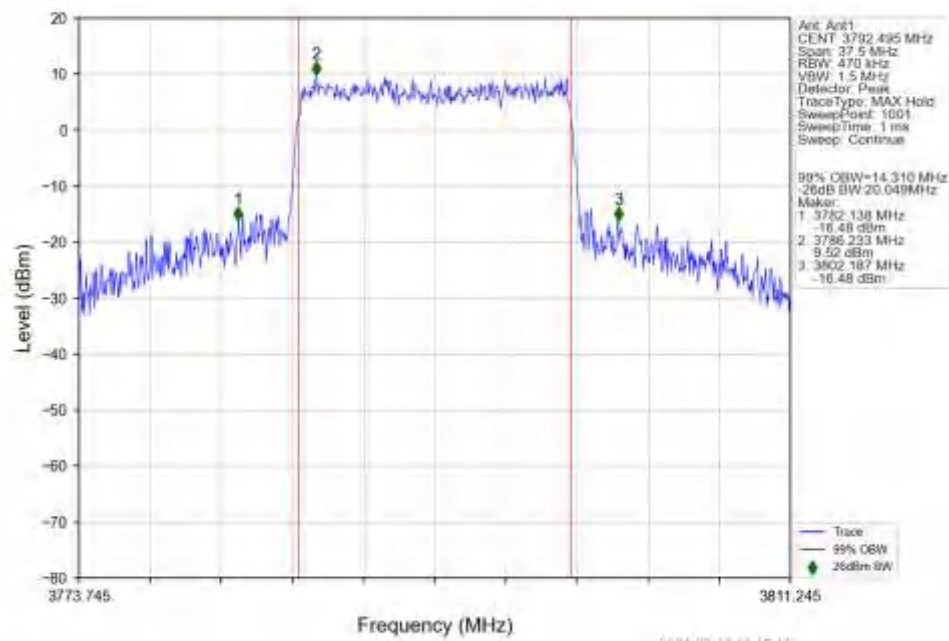
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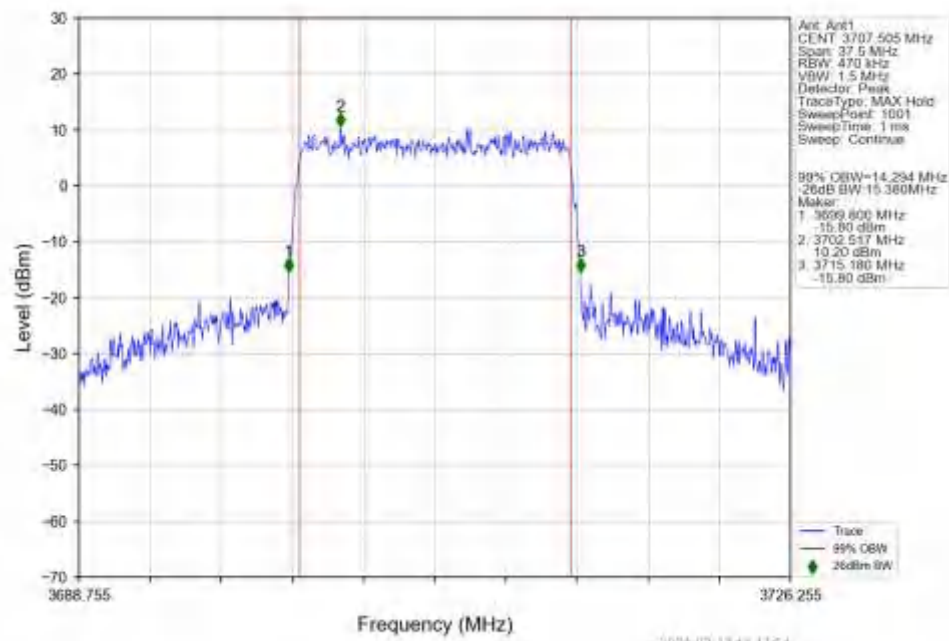
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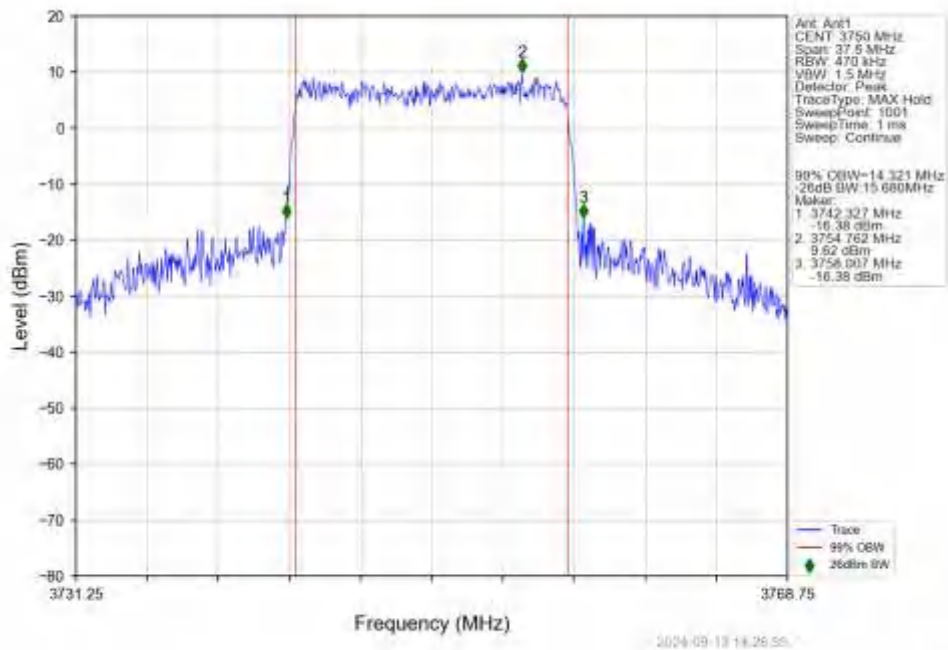
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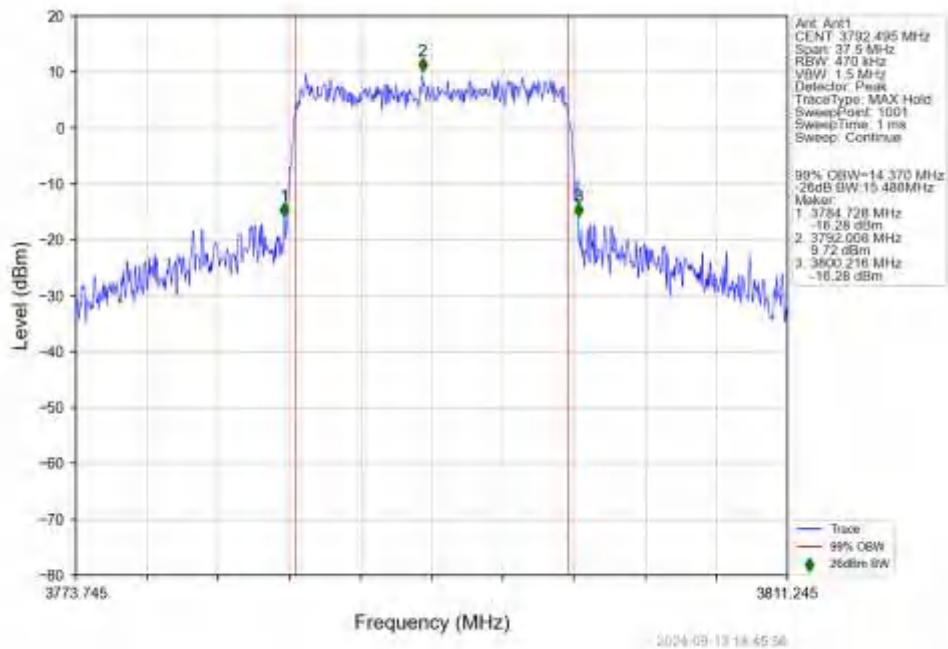
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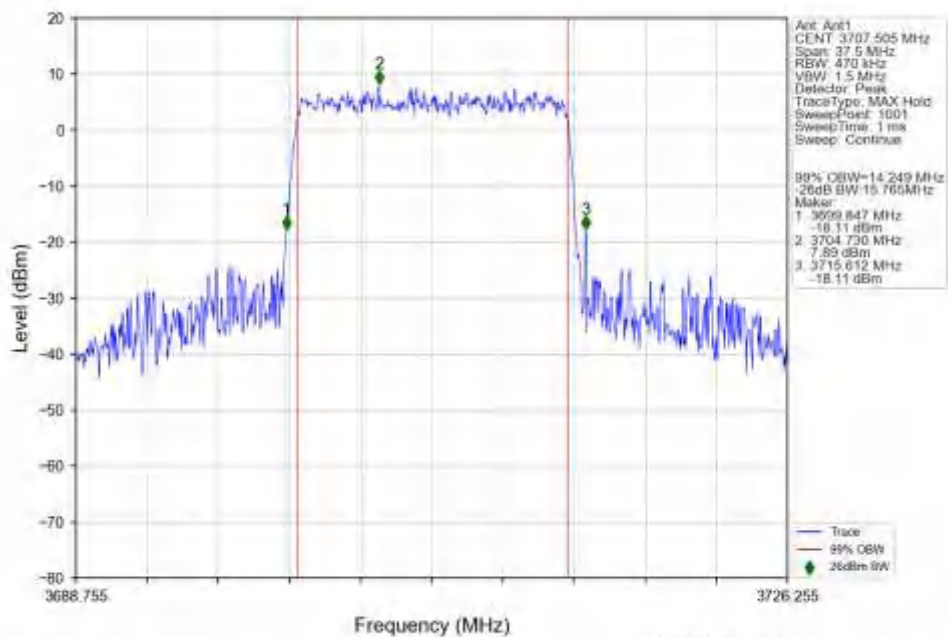
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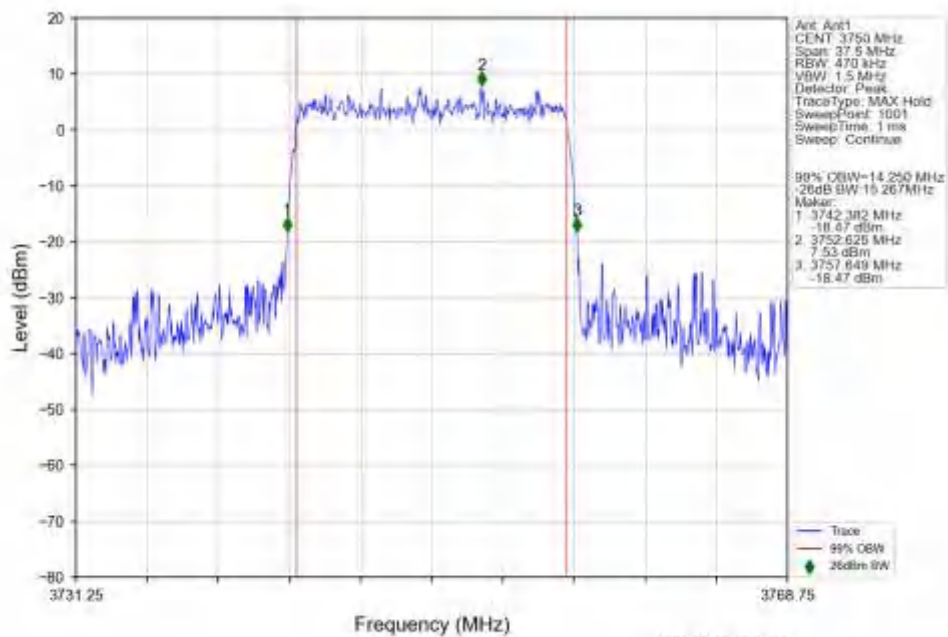
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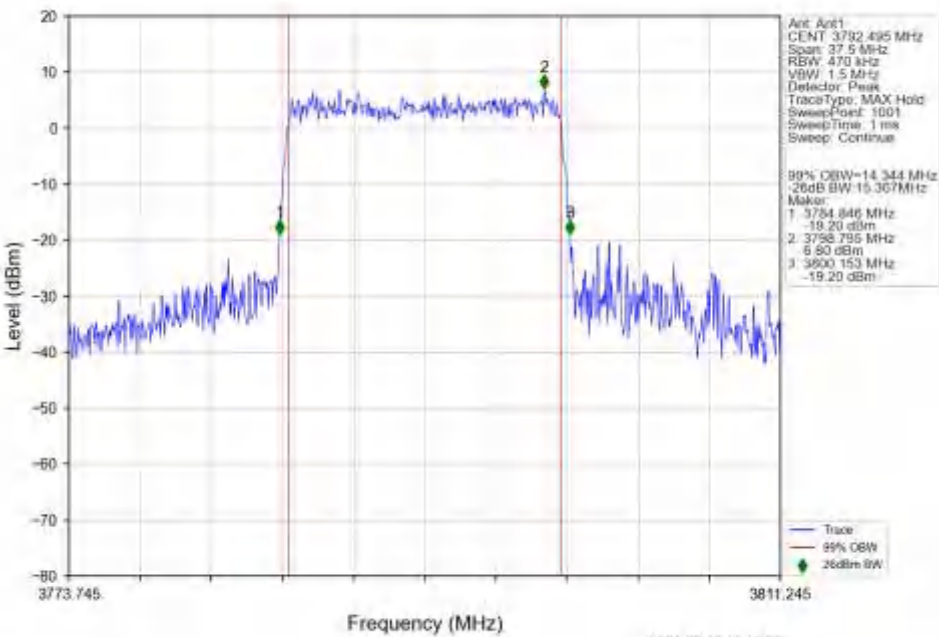
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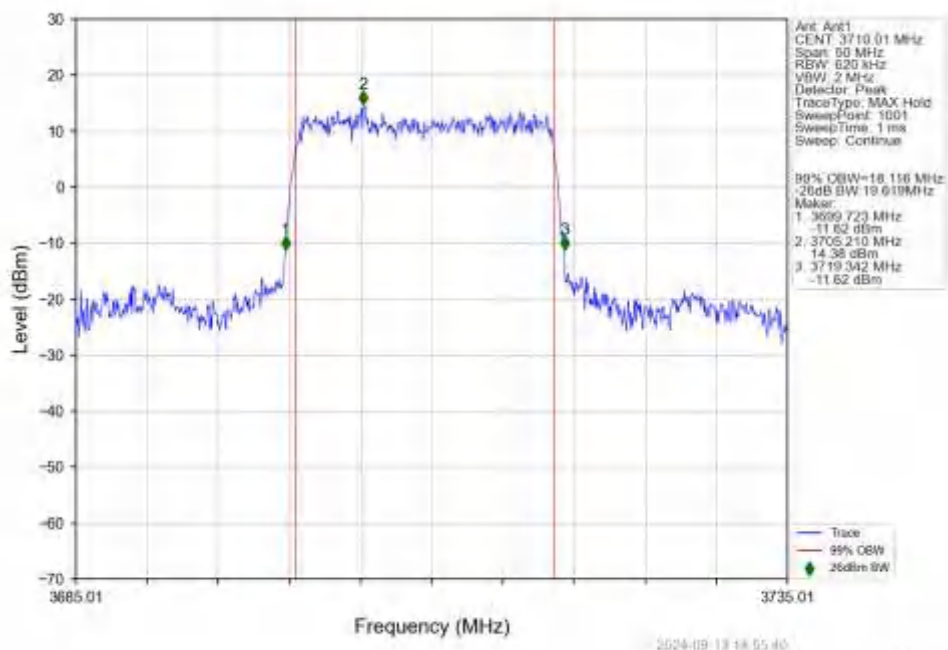


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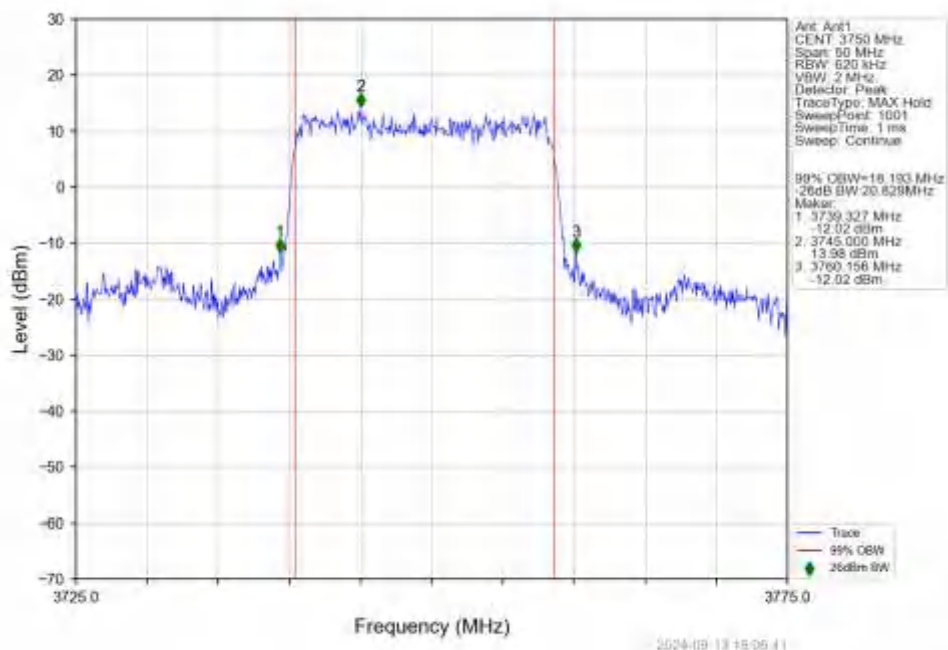


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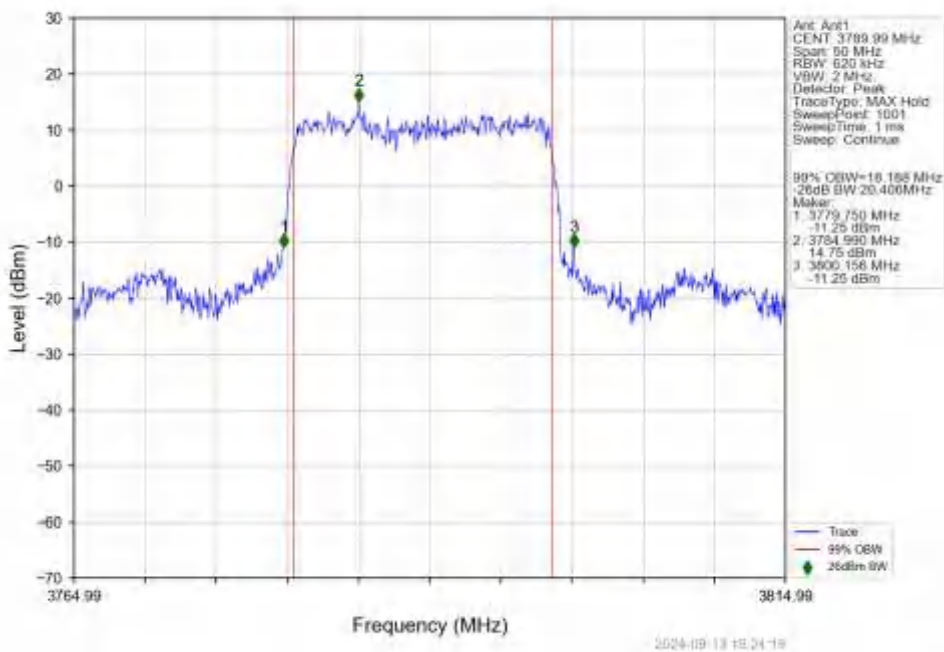
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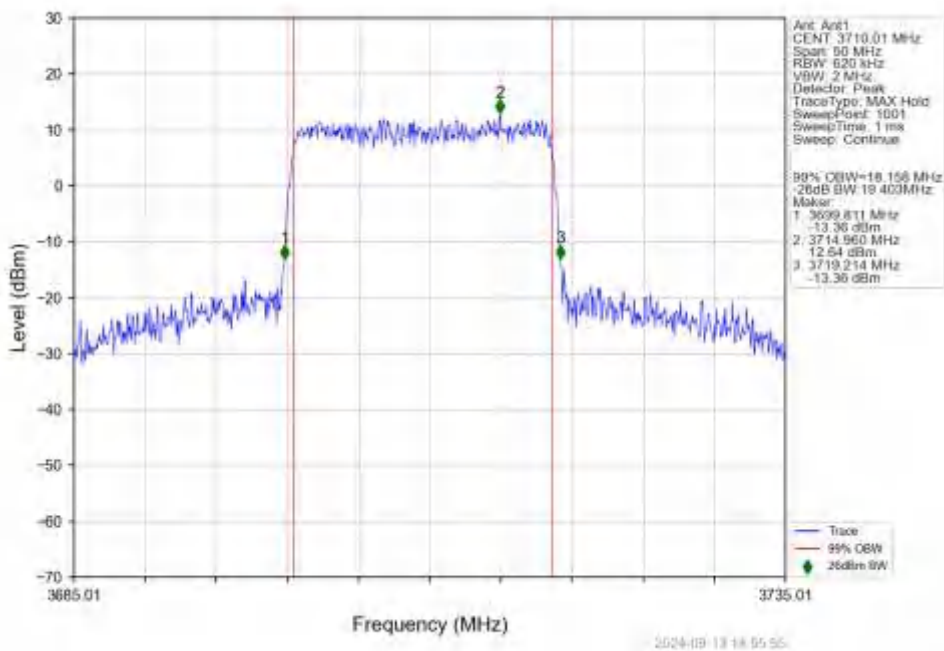
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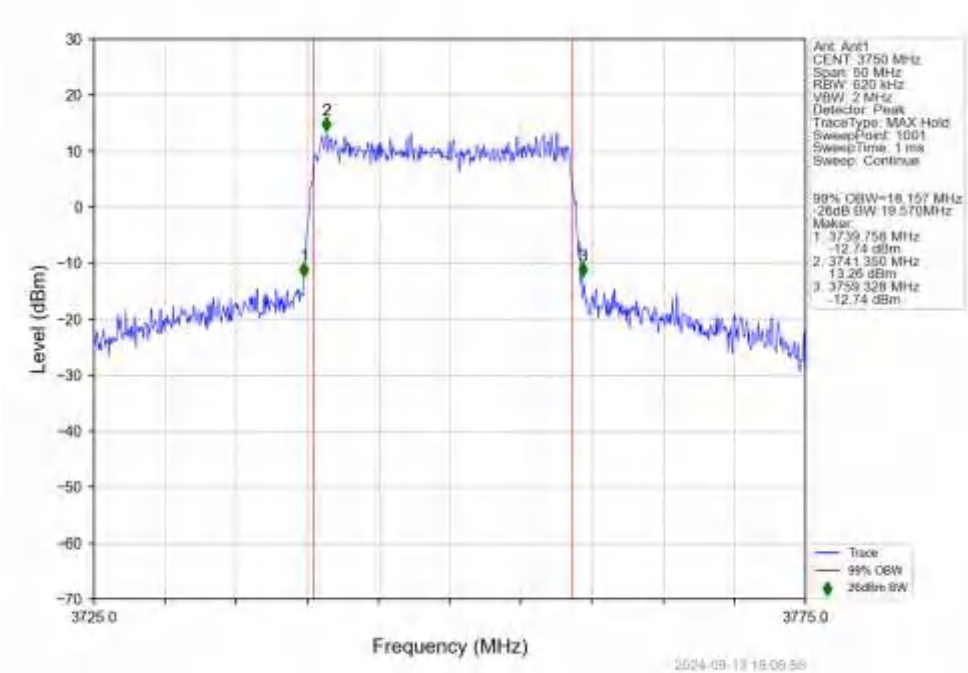
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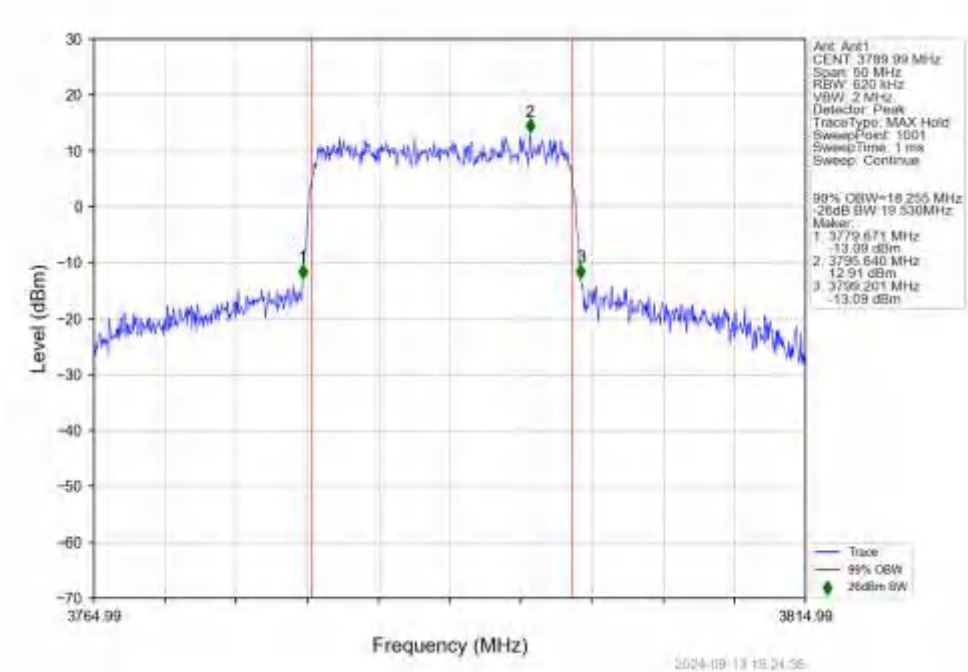
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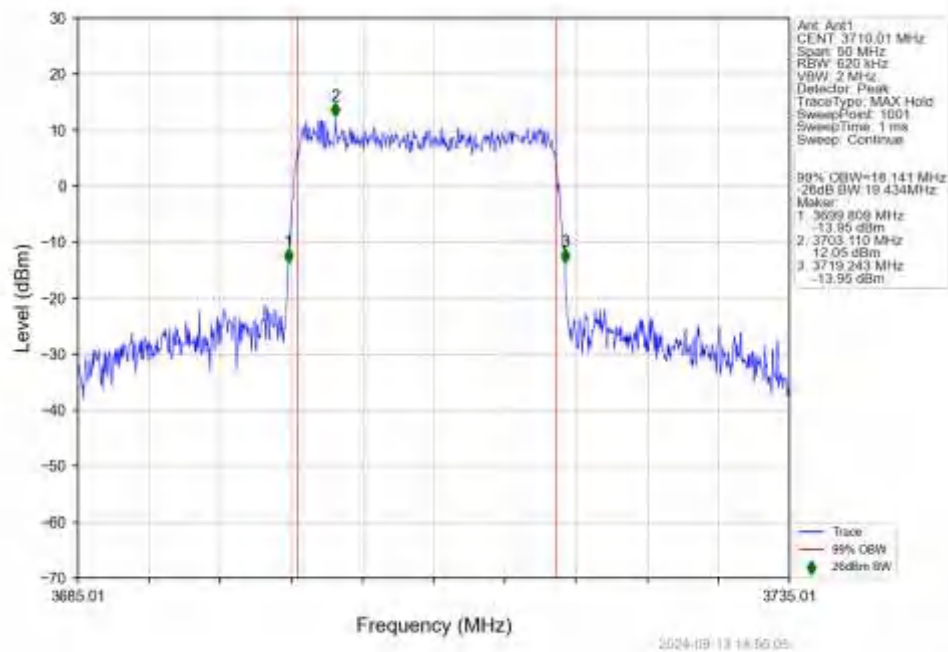
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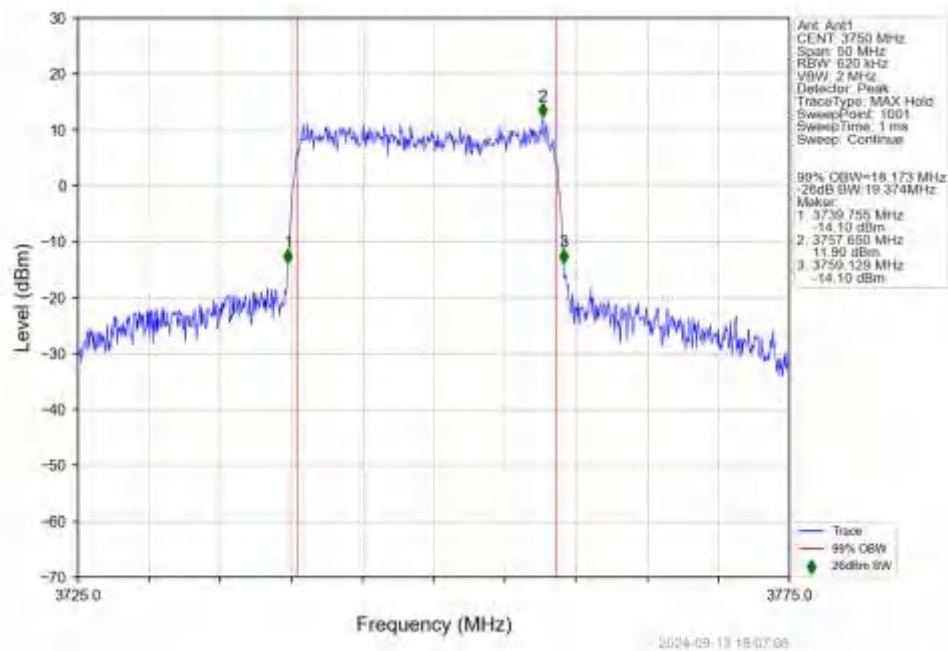
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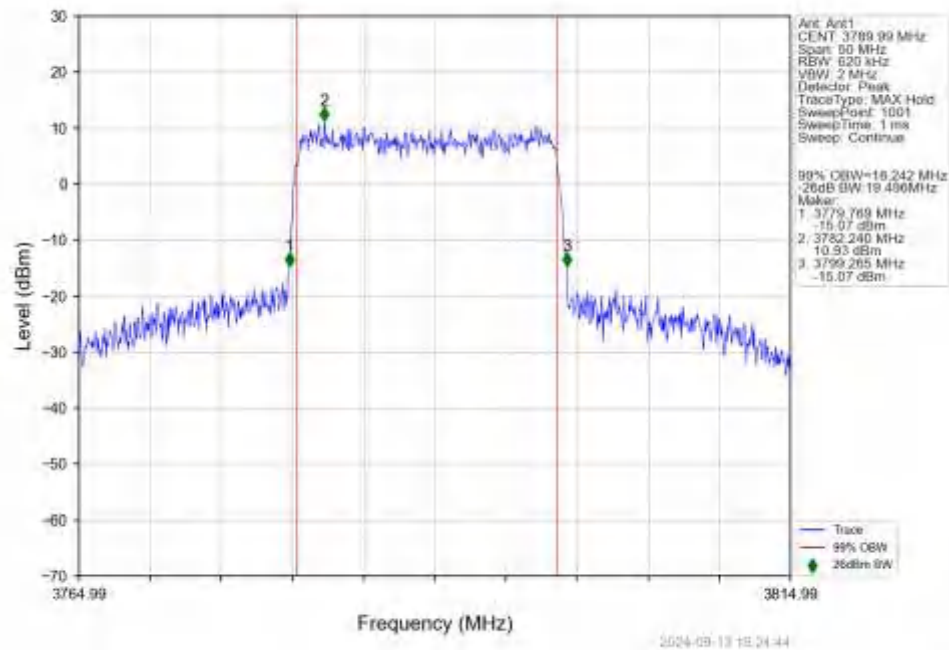
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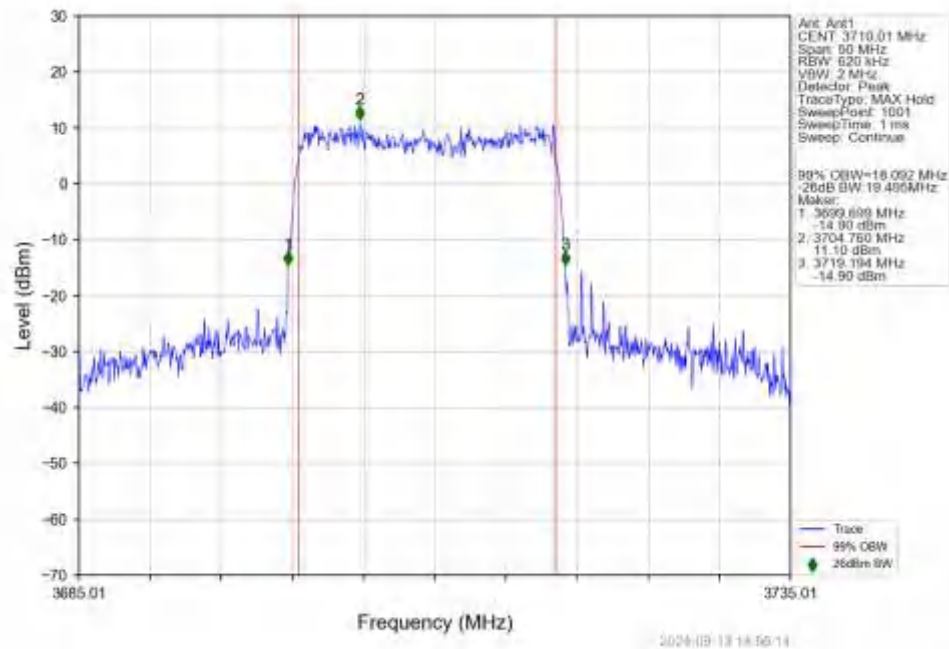
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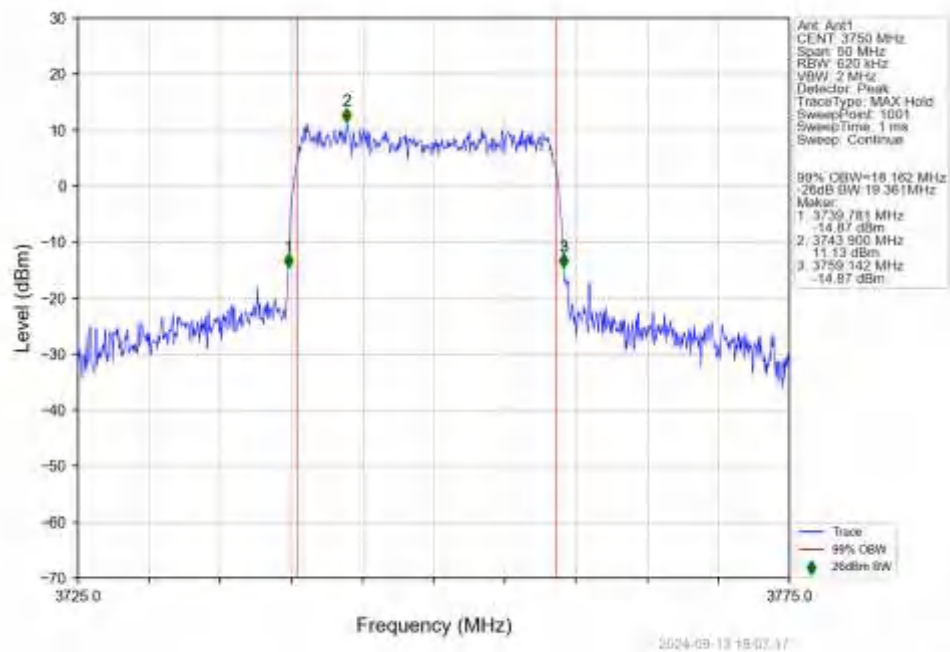
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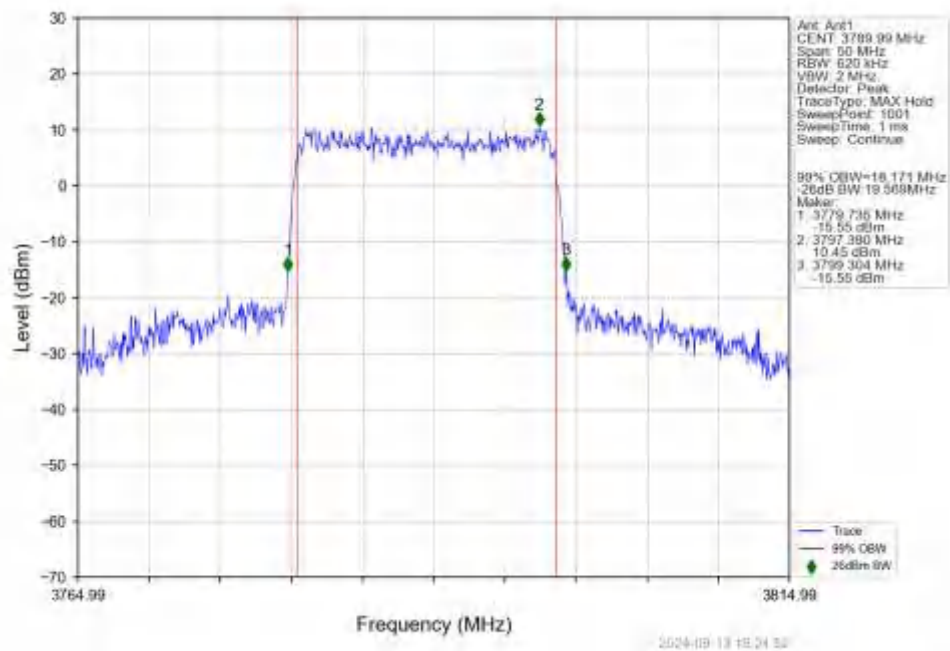
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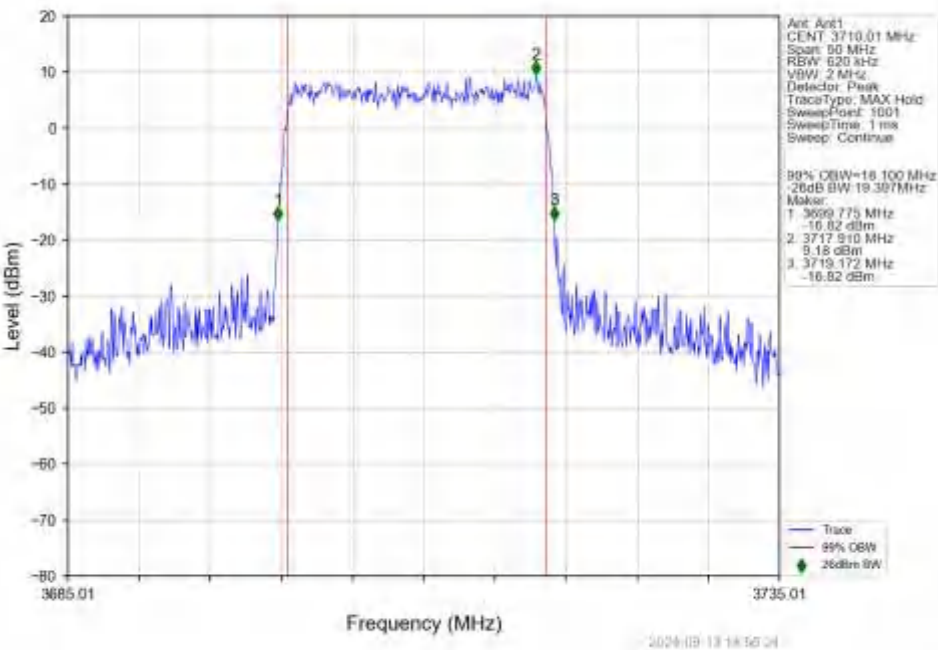
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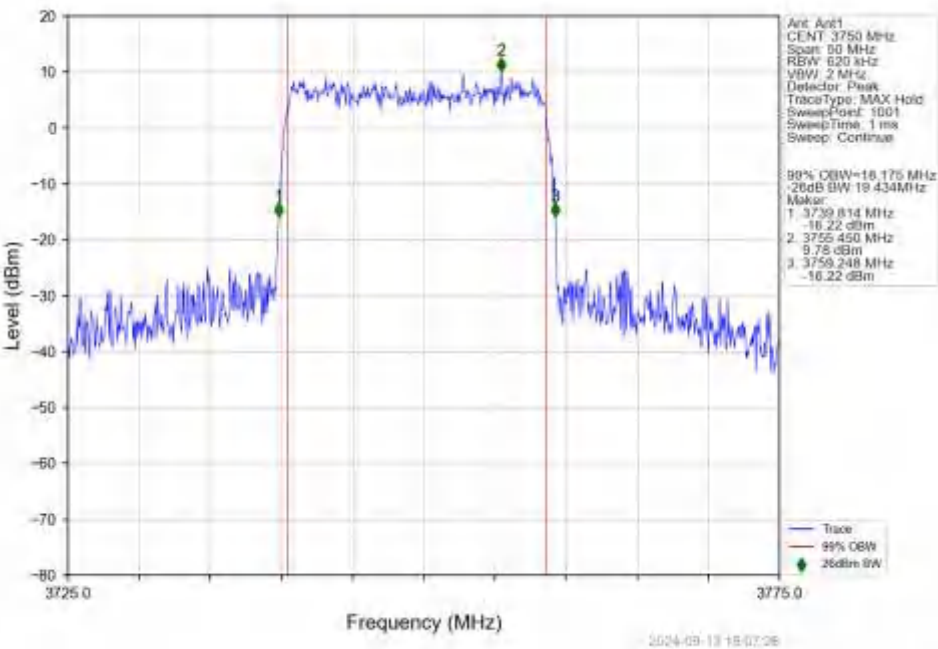
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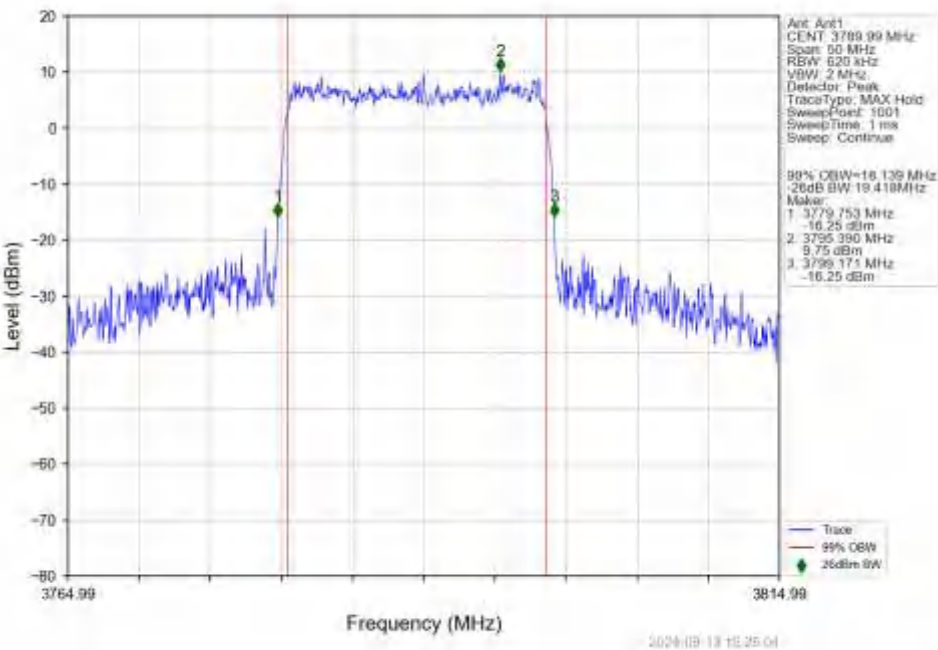
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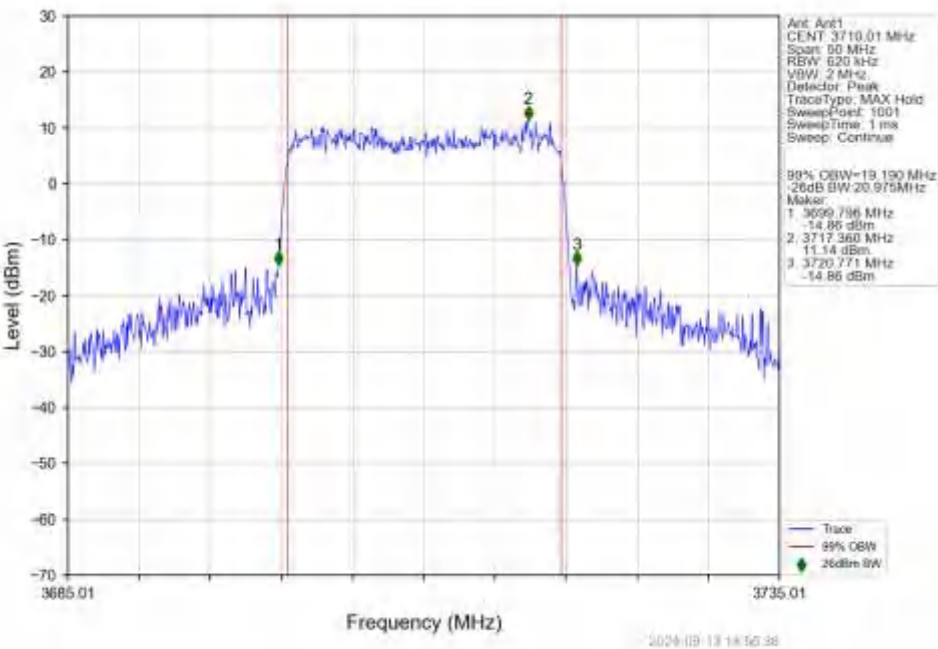
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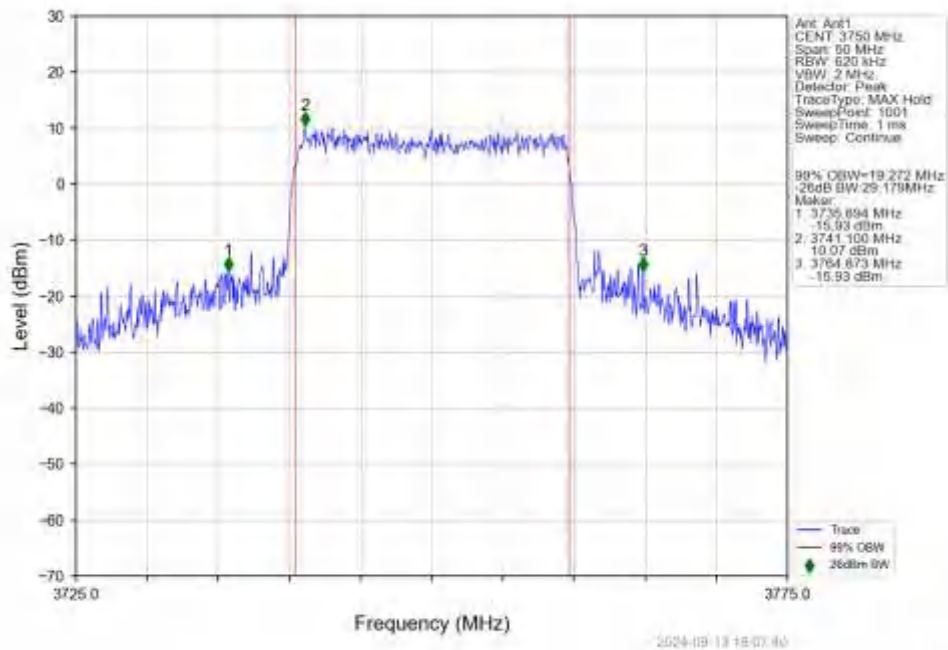
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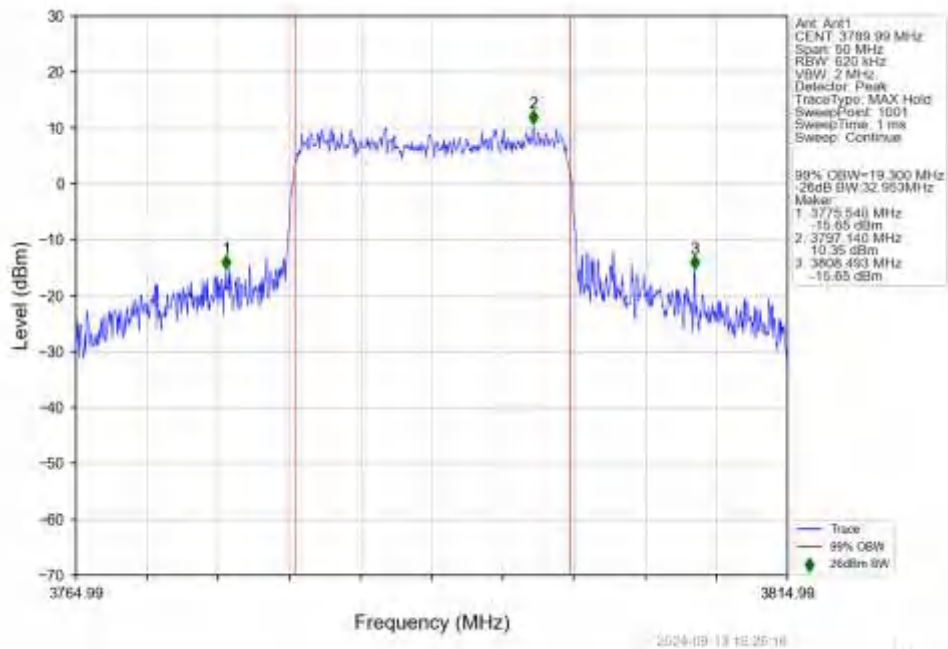
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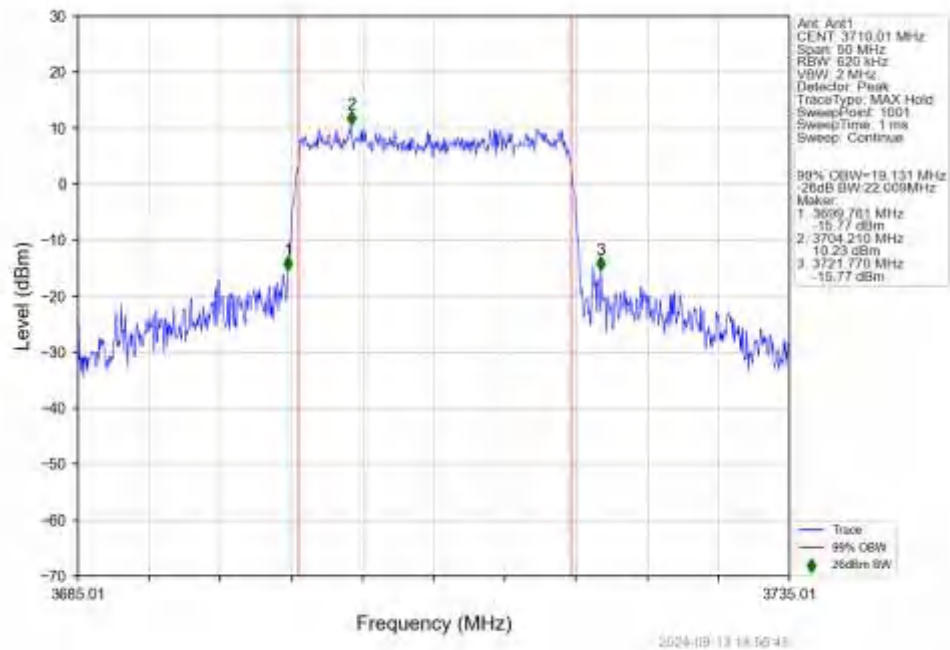
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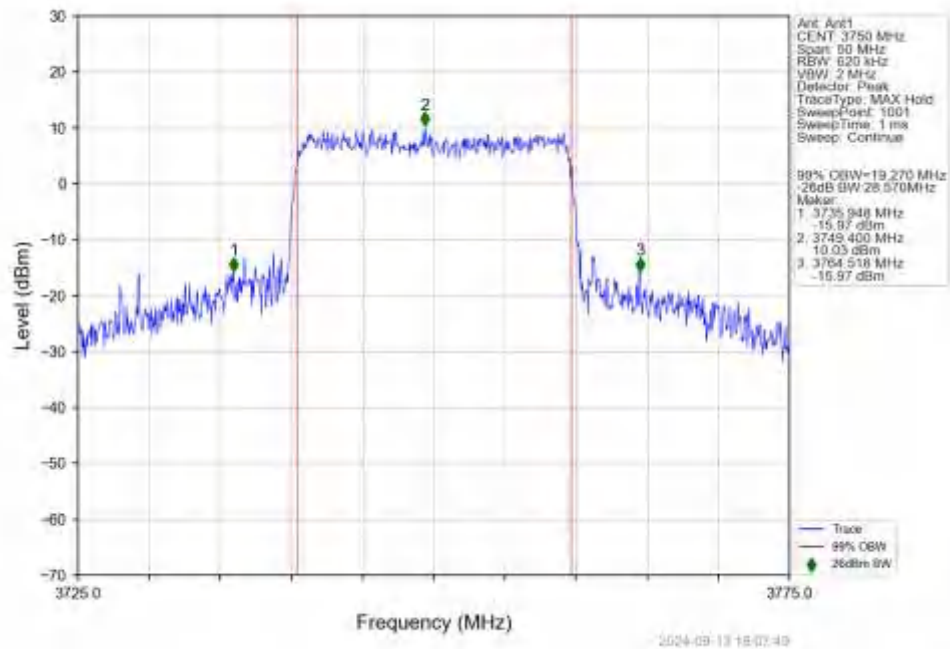
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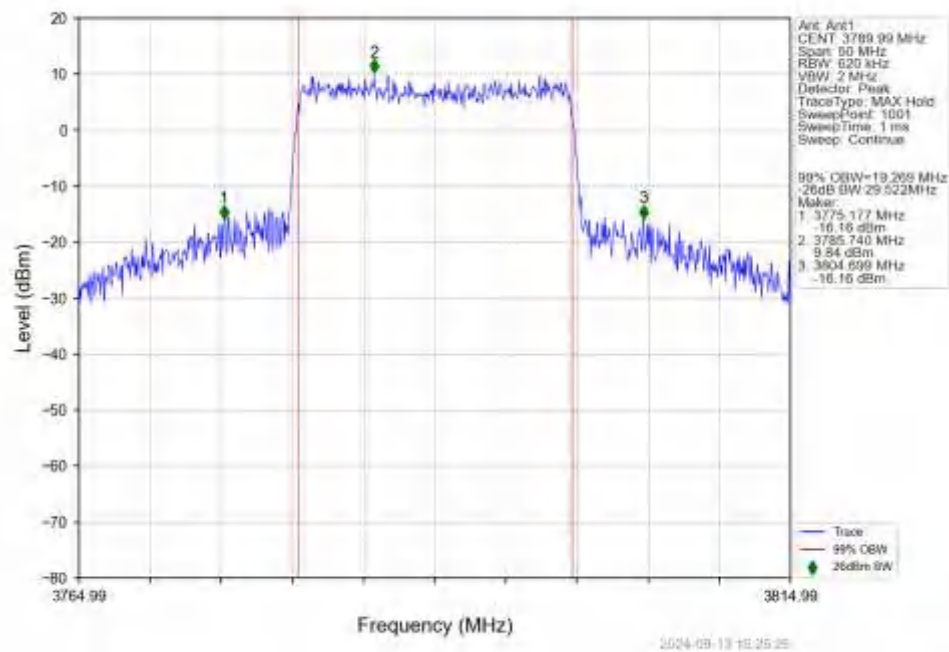
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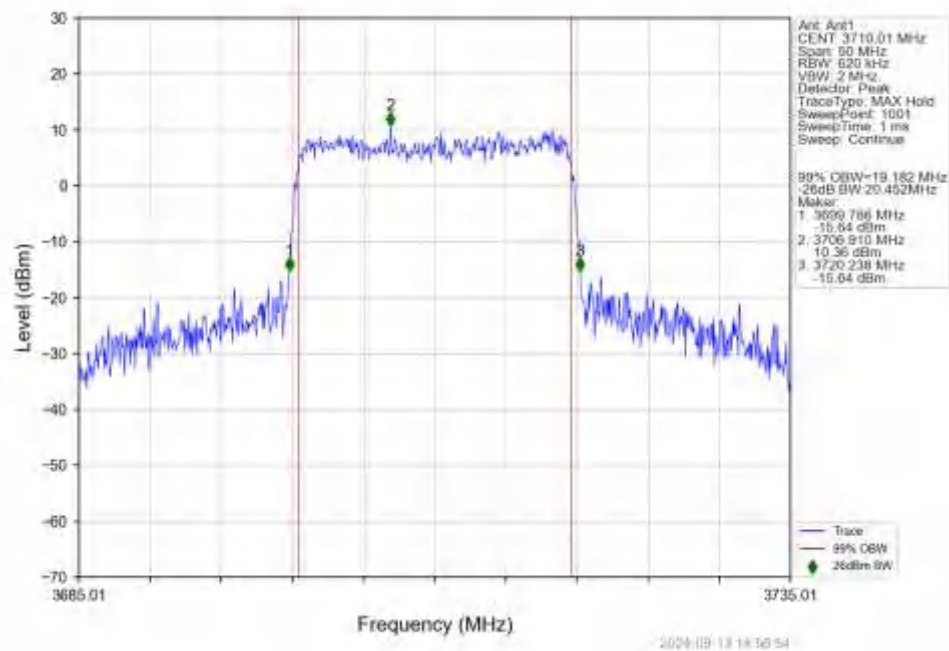
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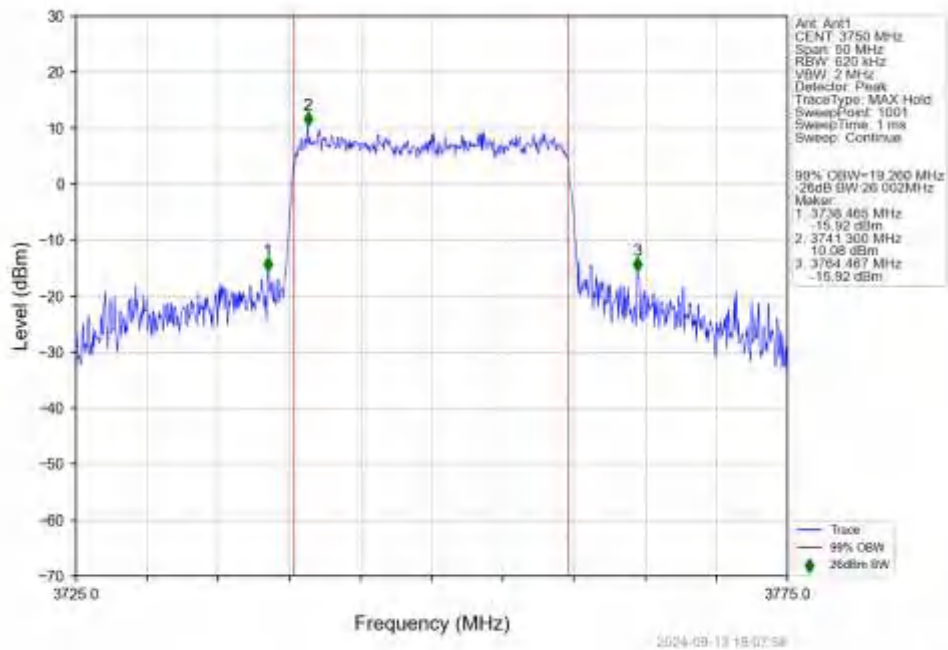
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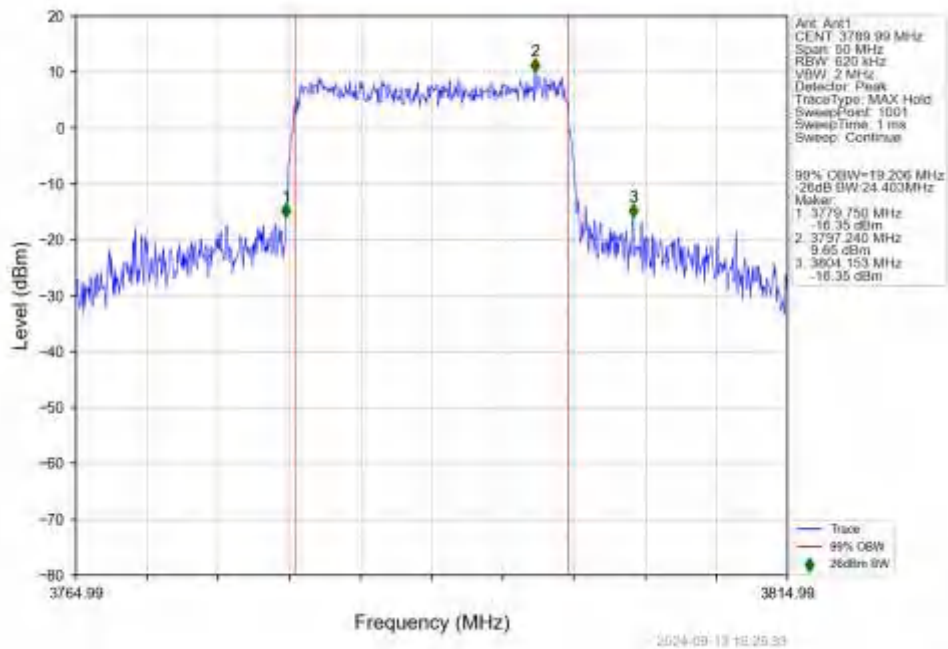
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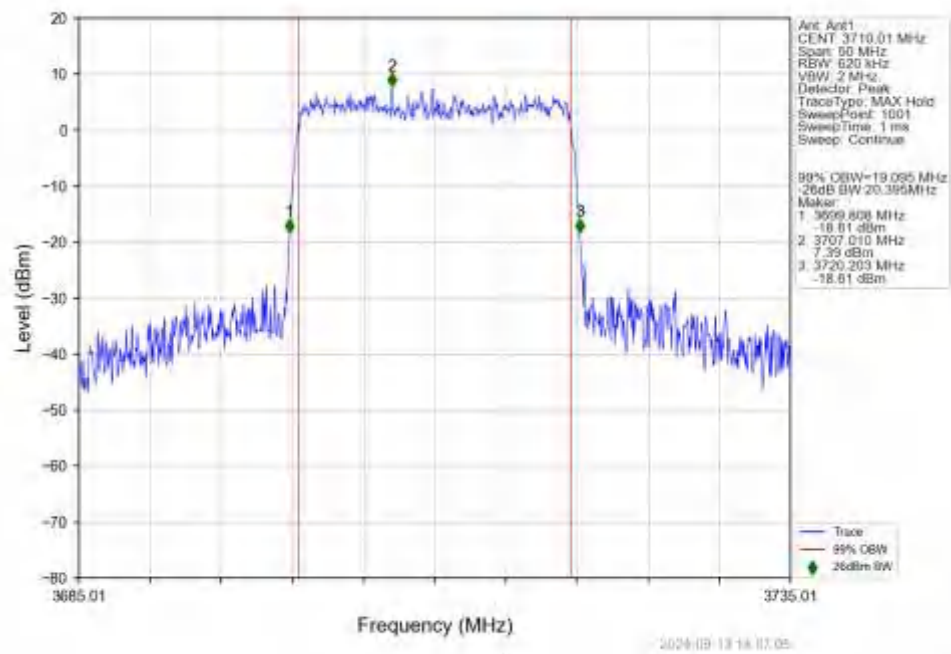
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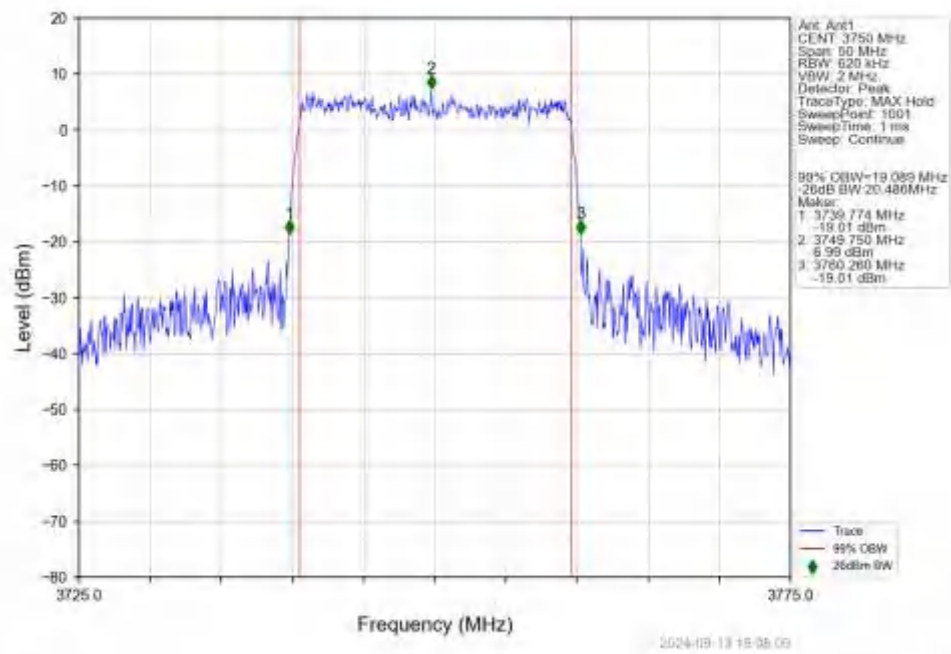
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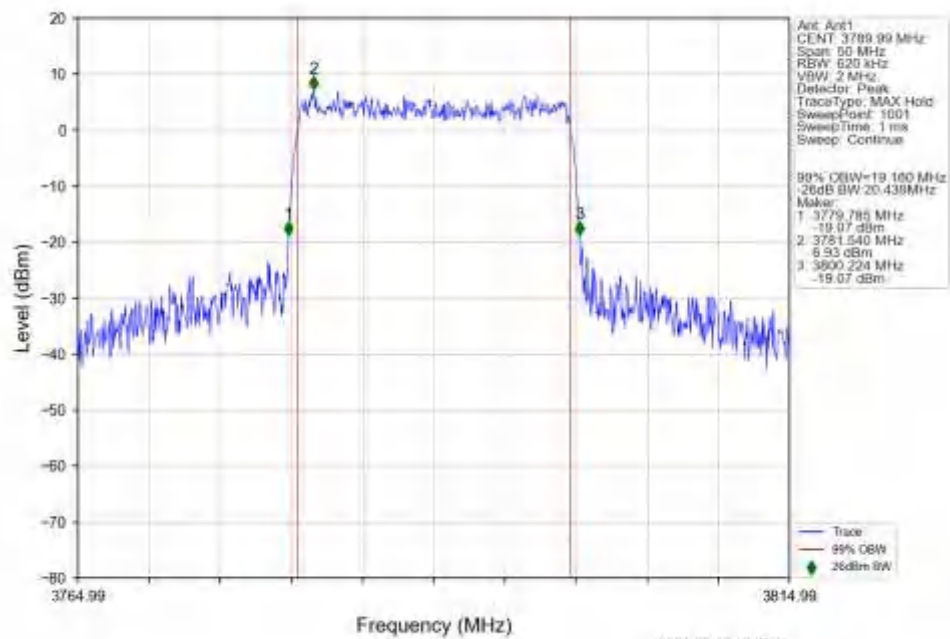
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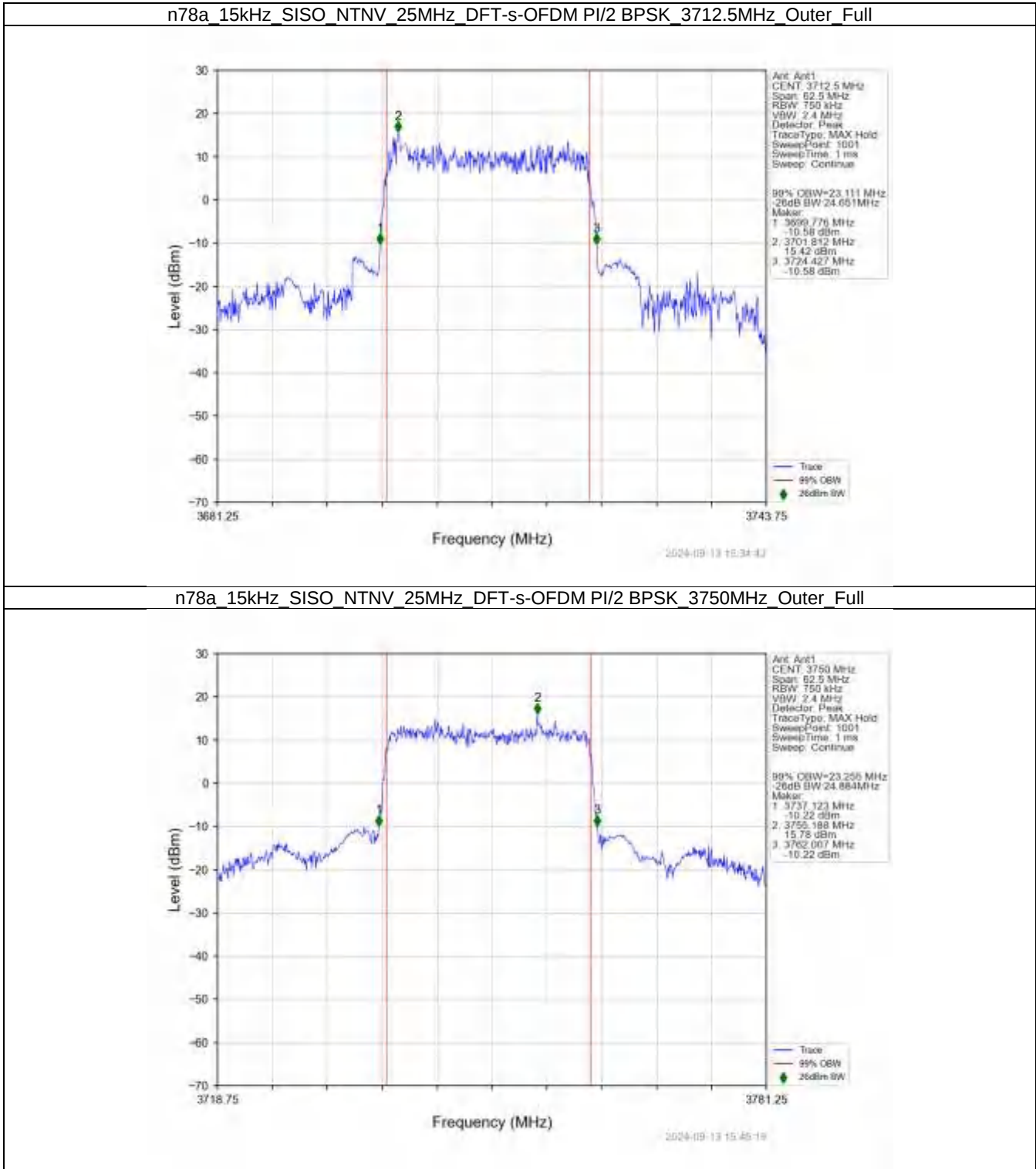
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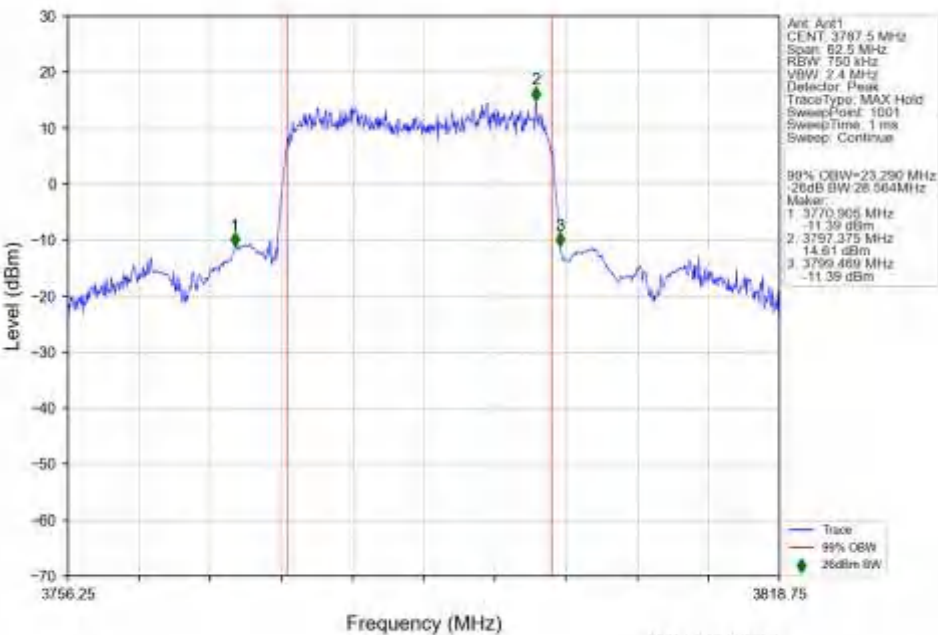
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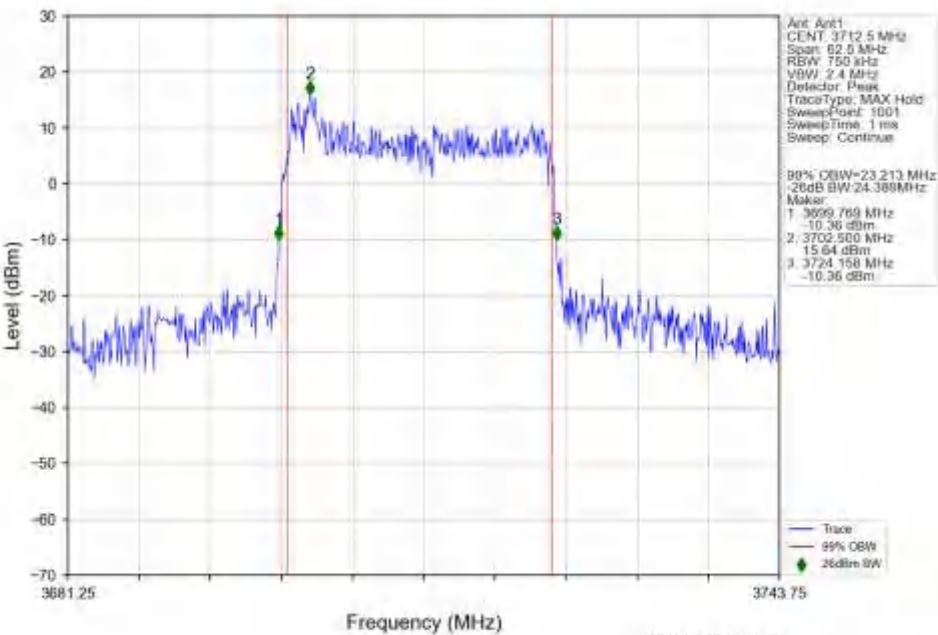
4.2.4 15k_SISO_25MHz_NTNV



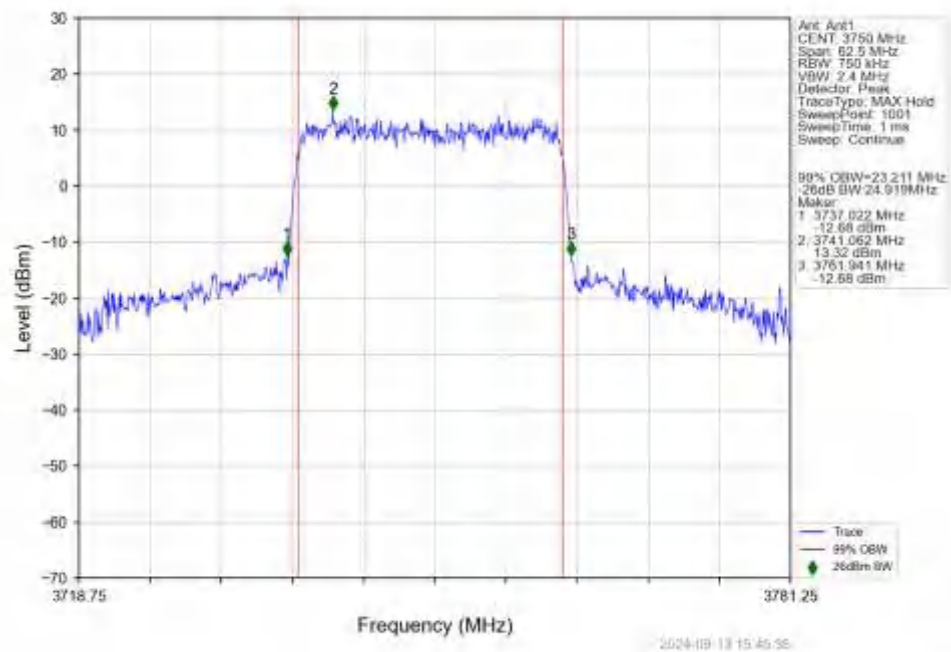
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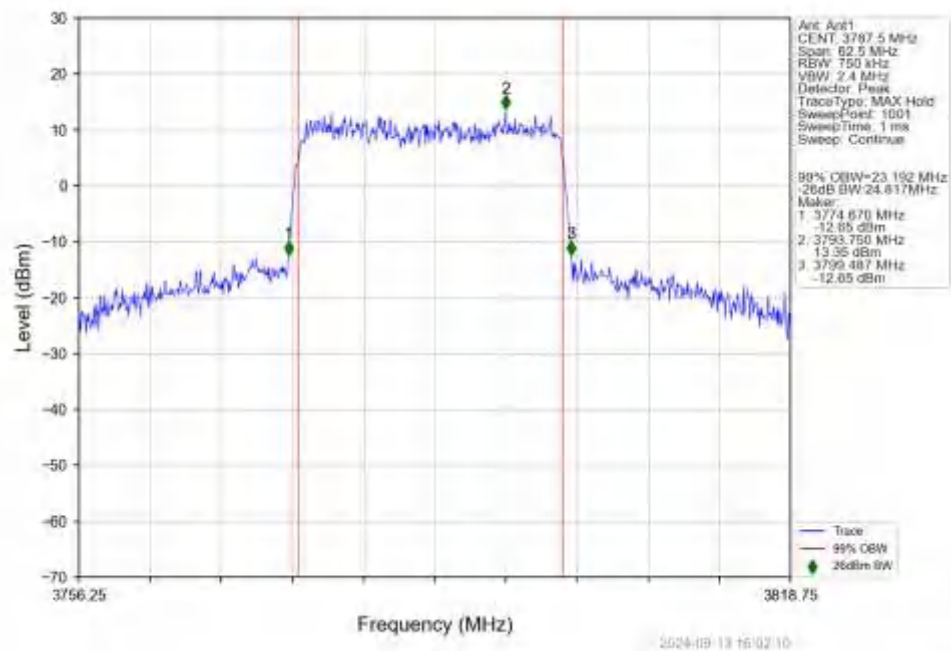
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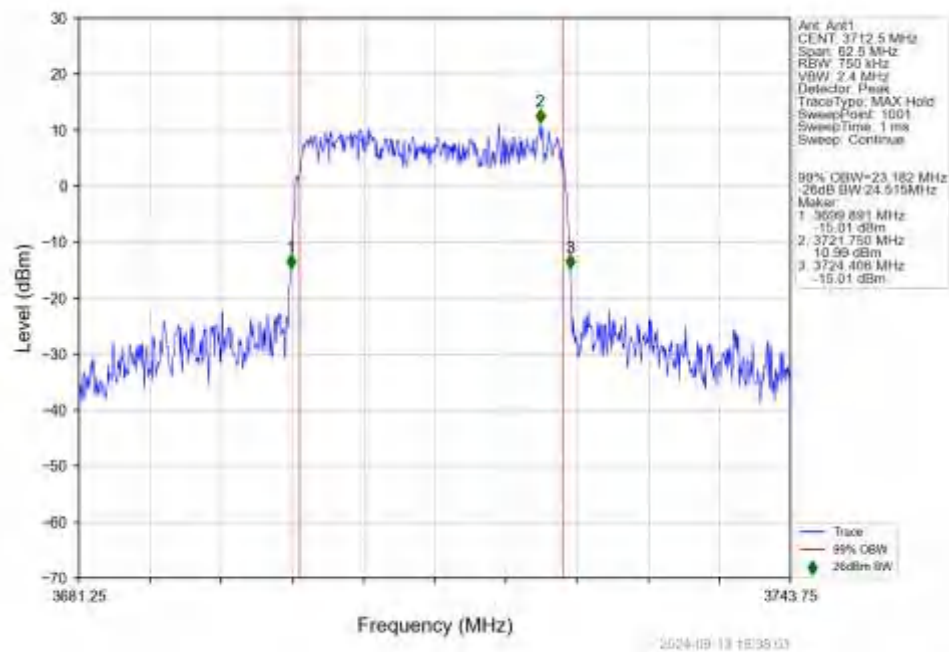
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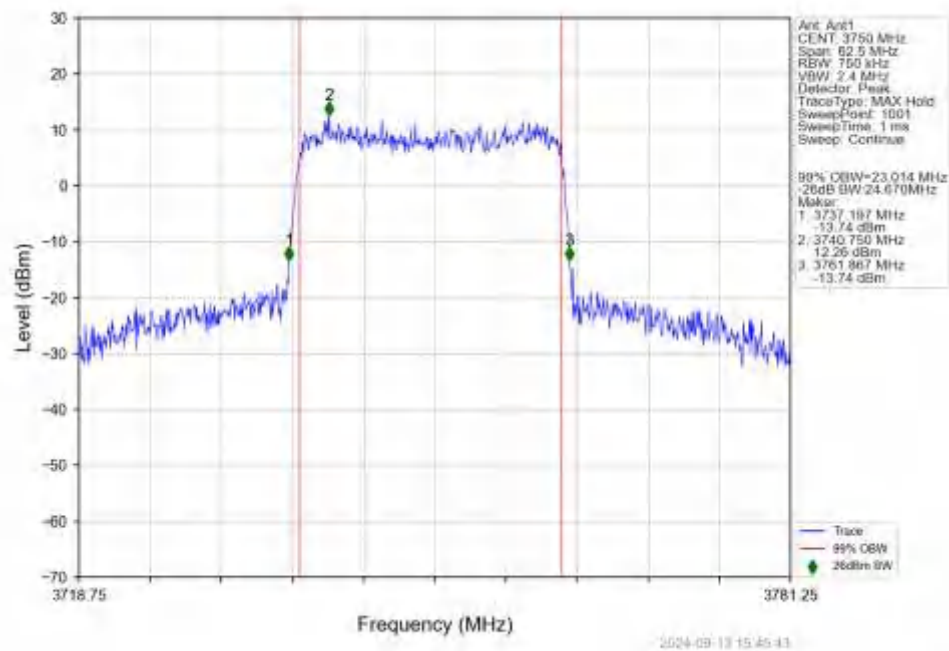
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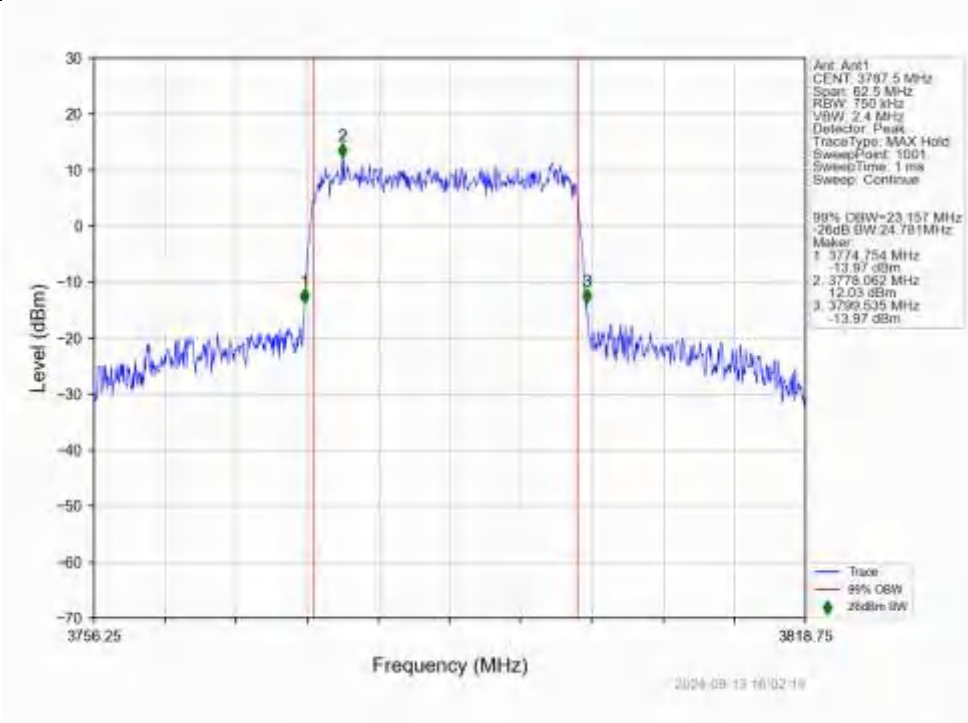
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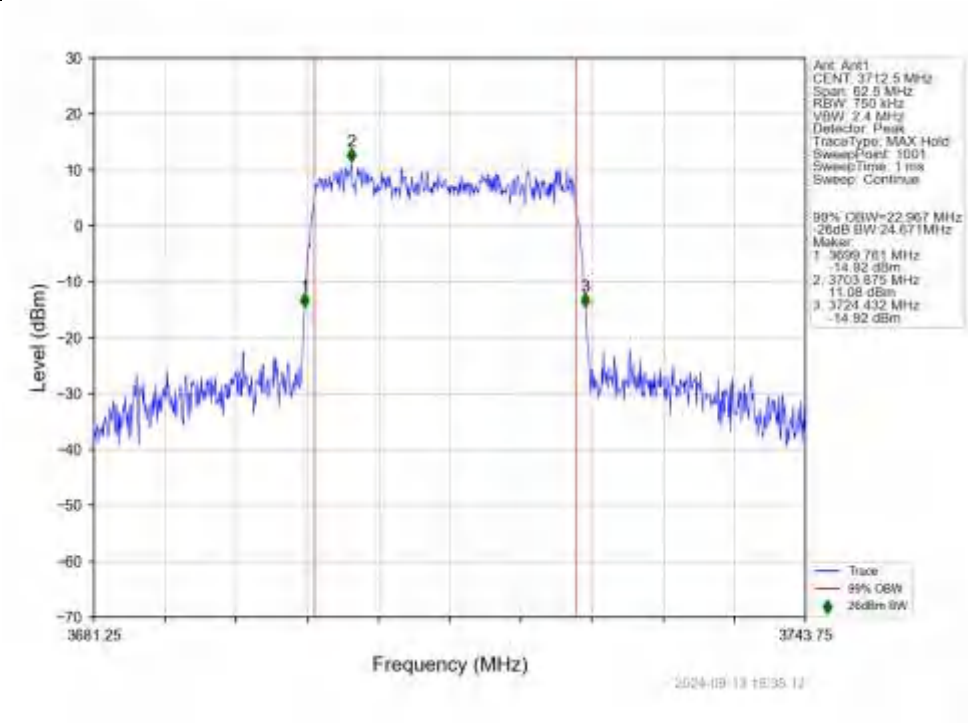
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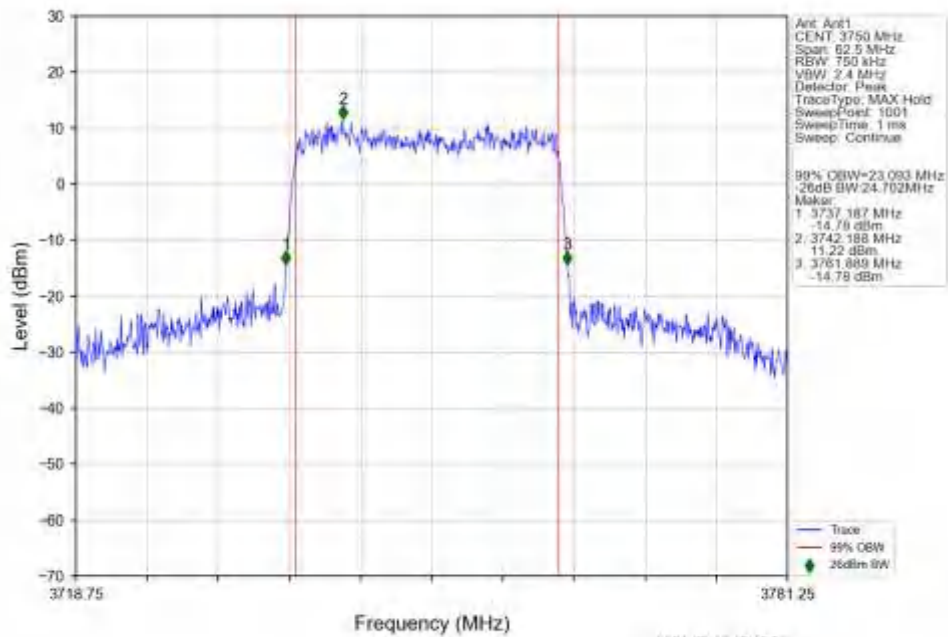
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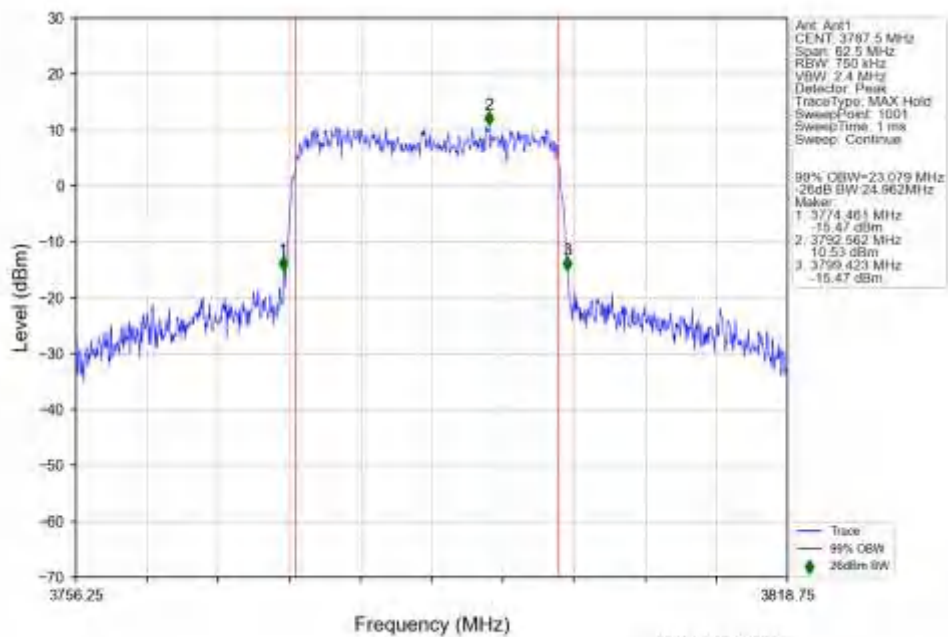
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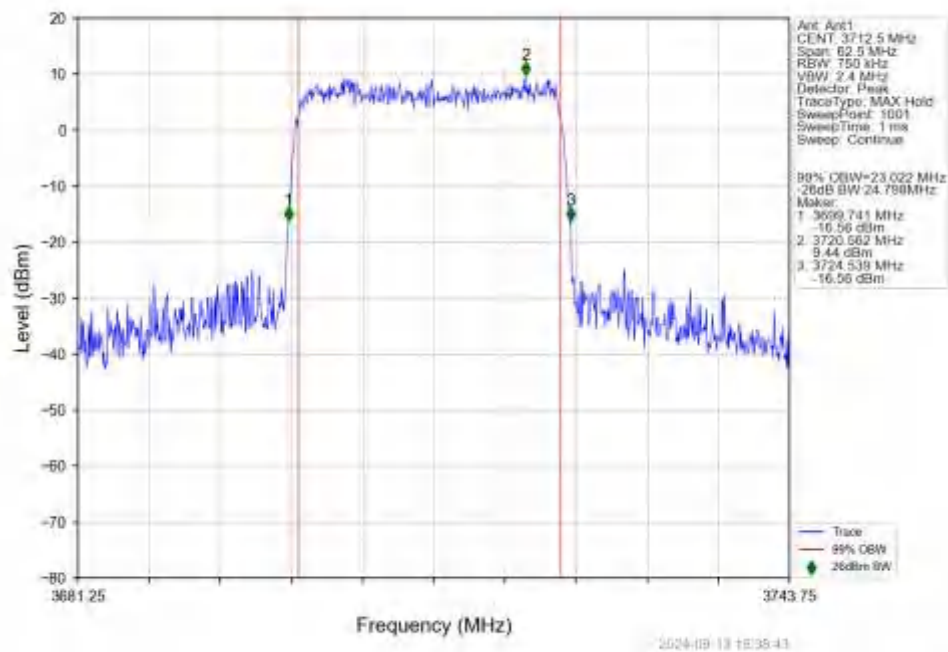
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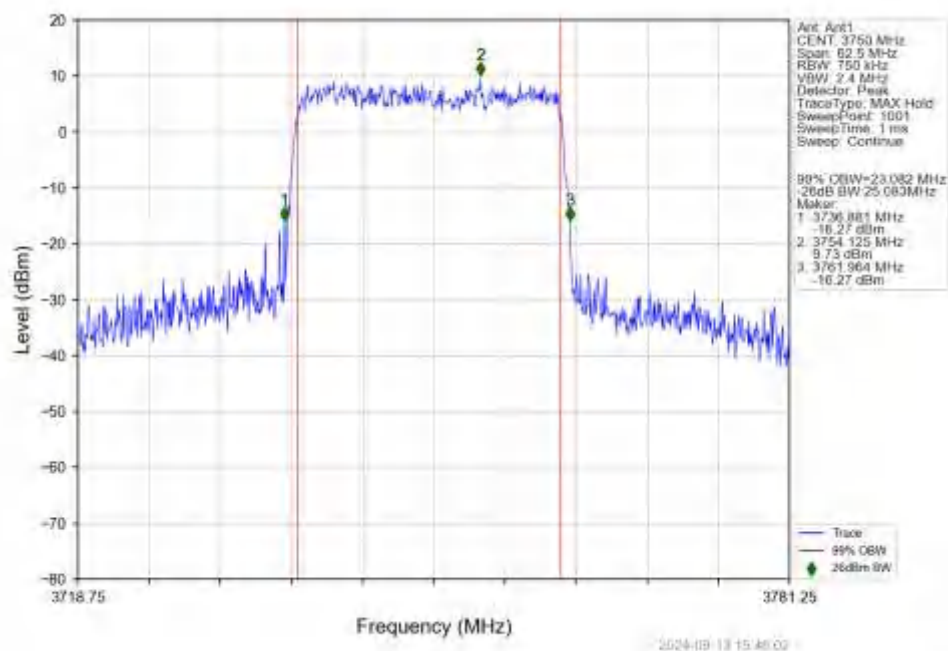
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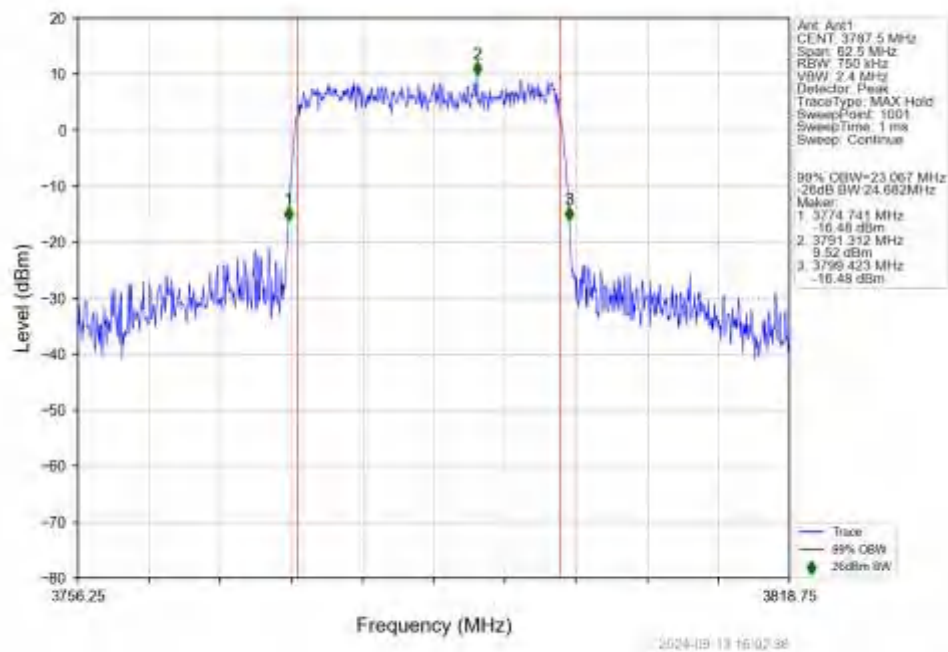
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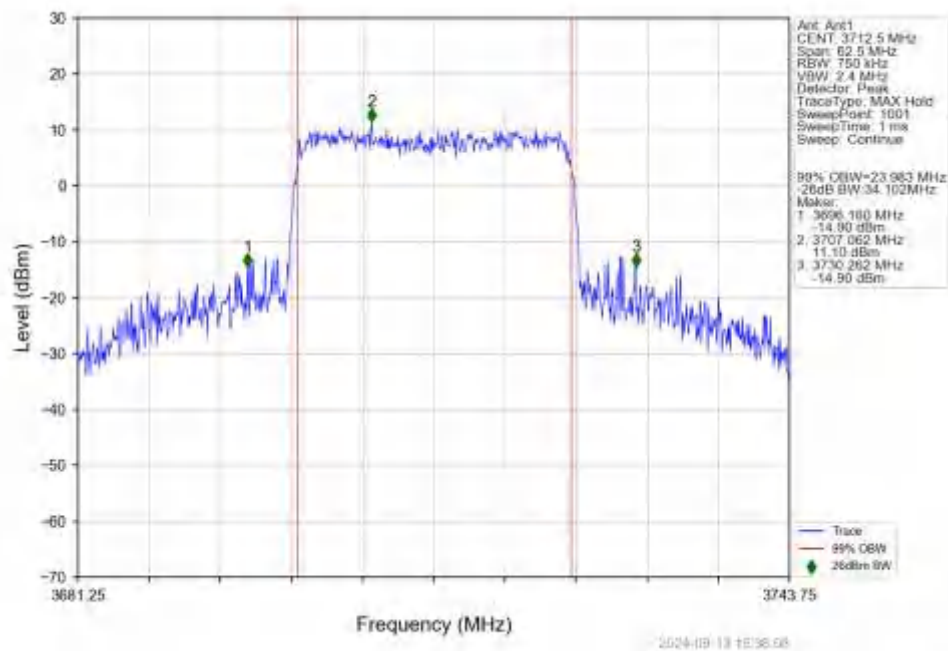
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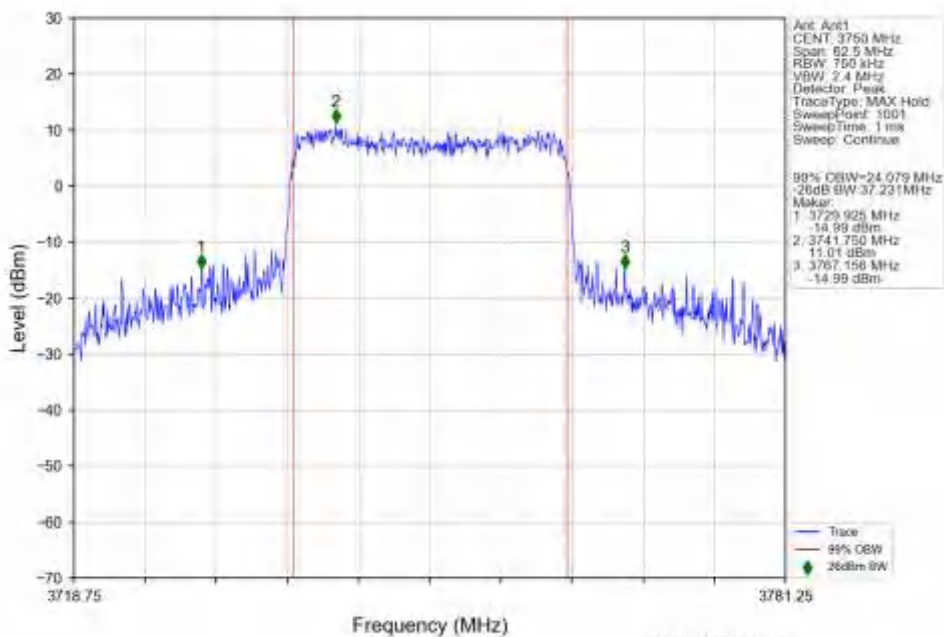
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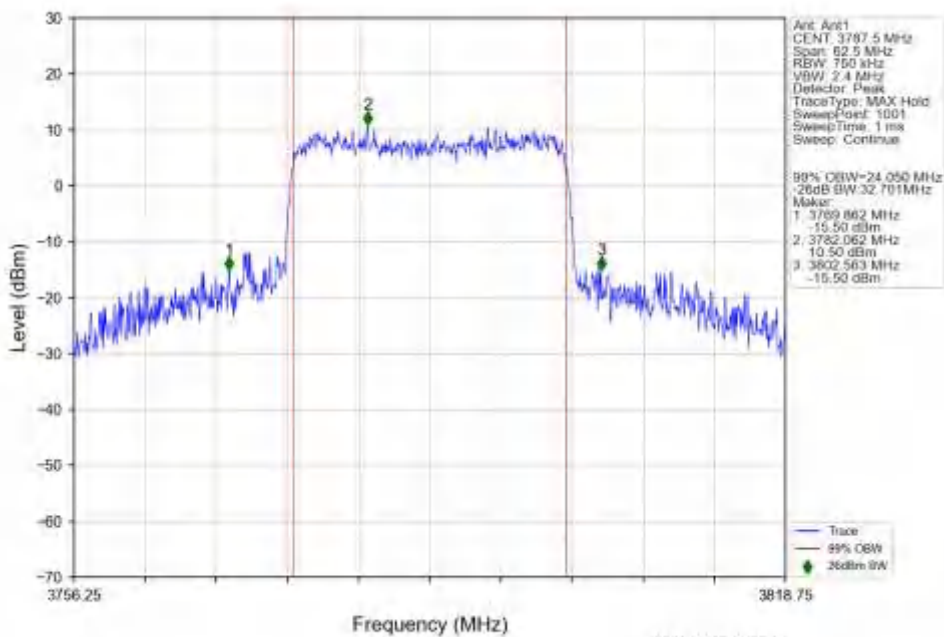
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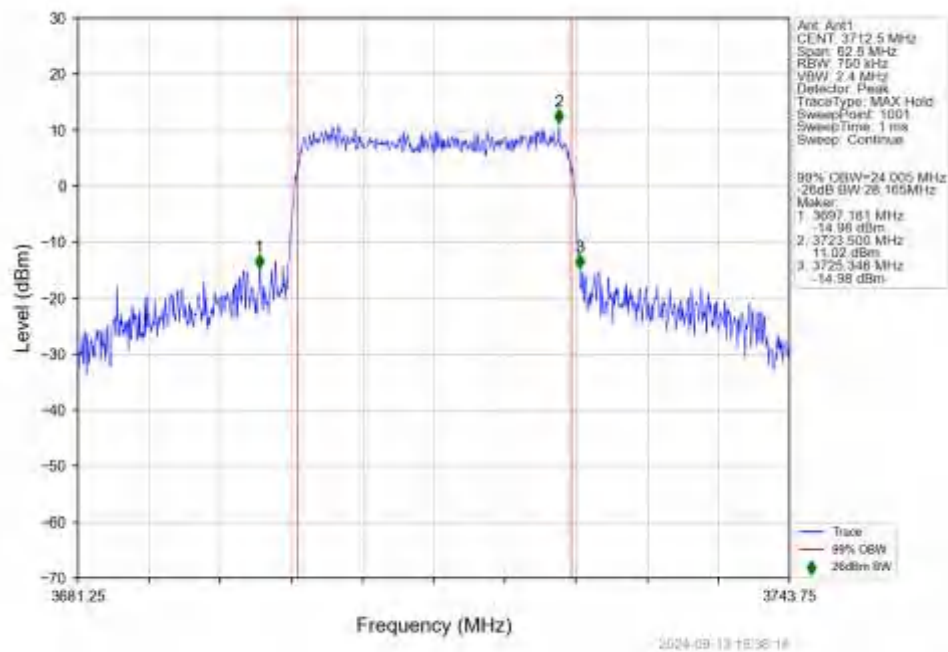
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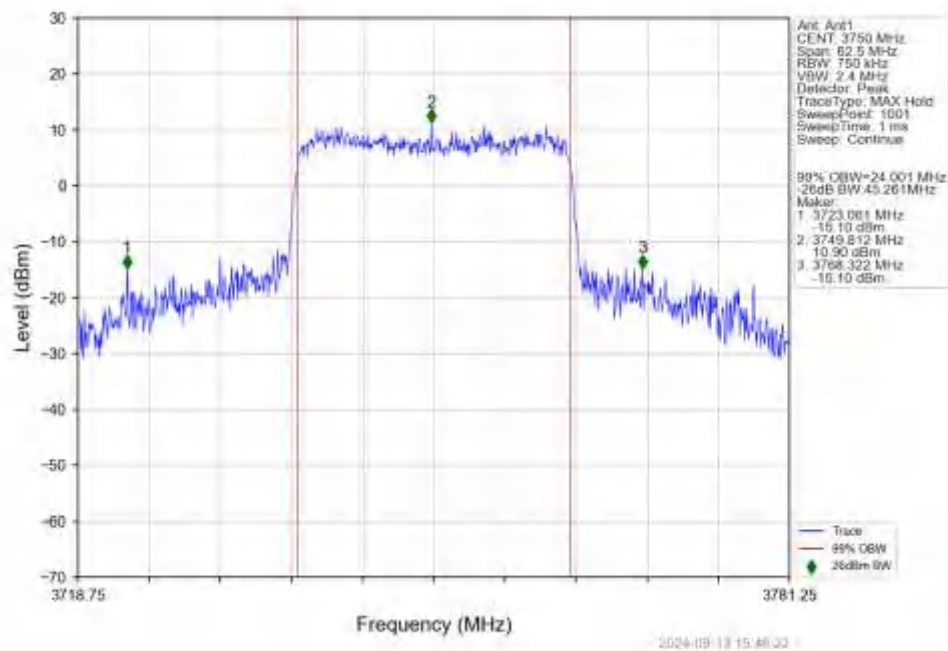
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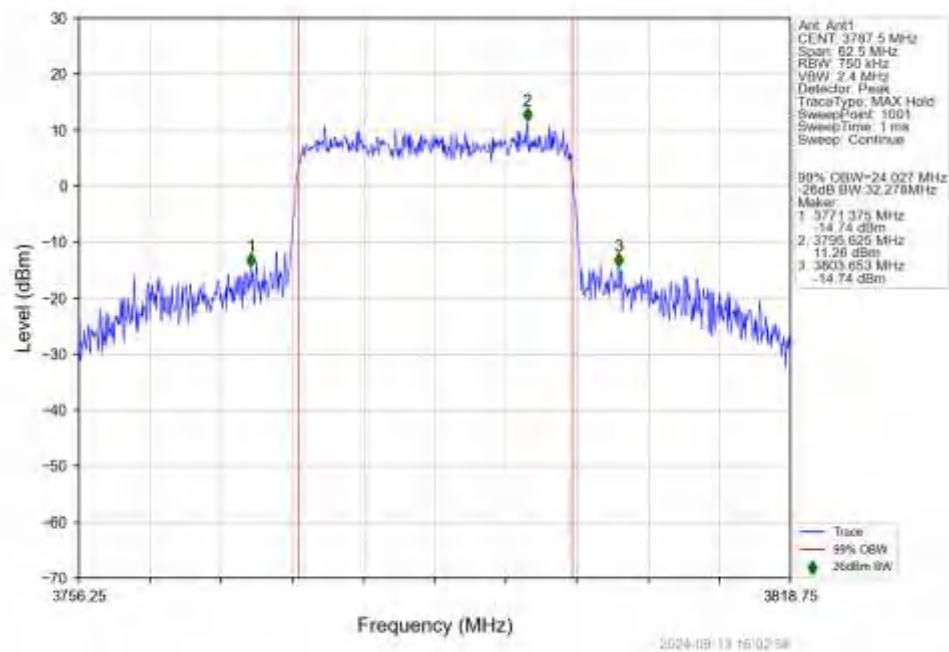
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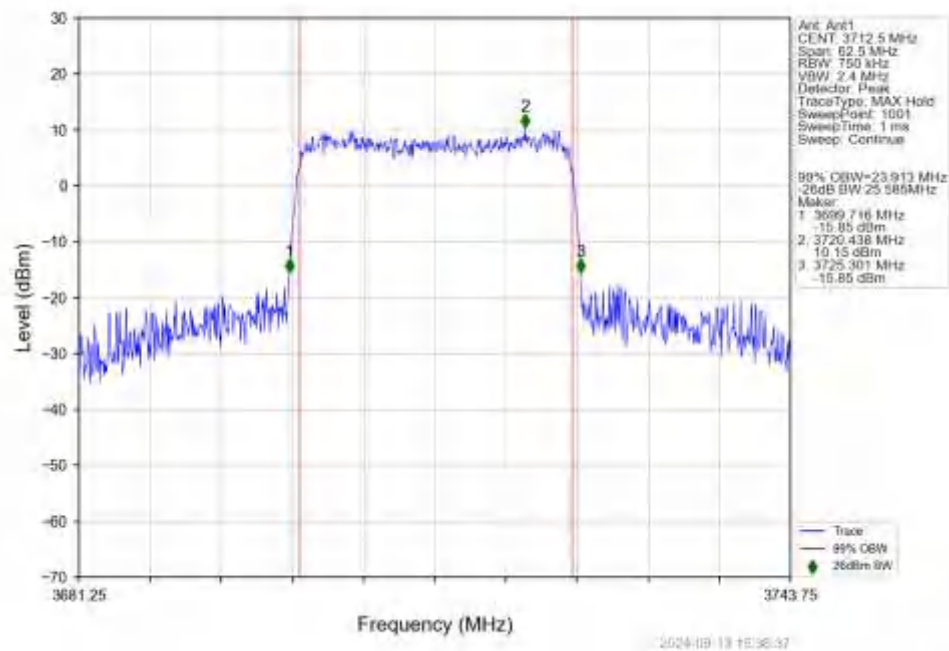
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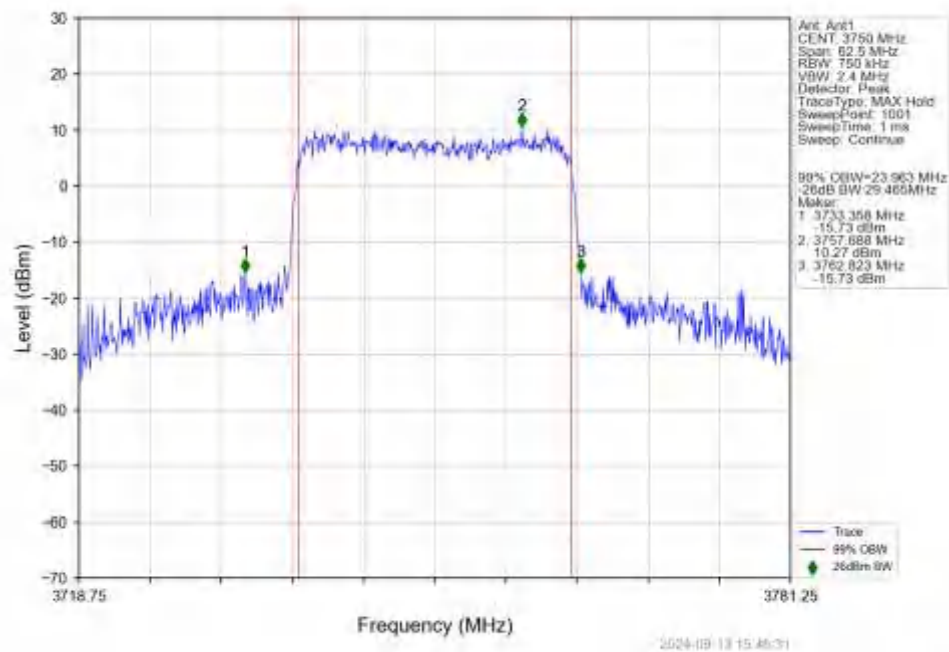
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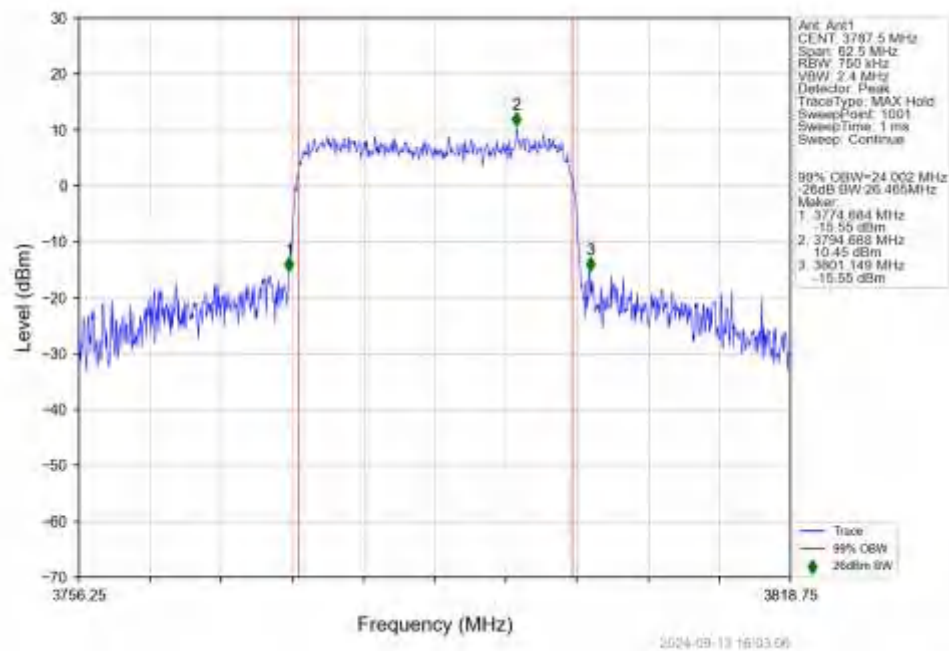
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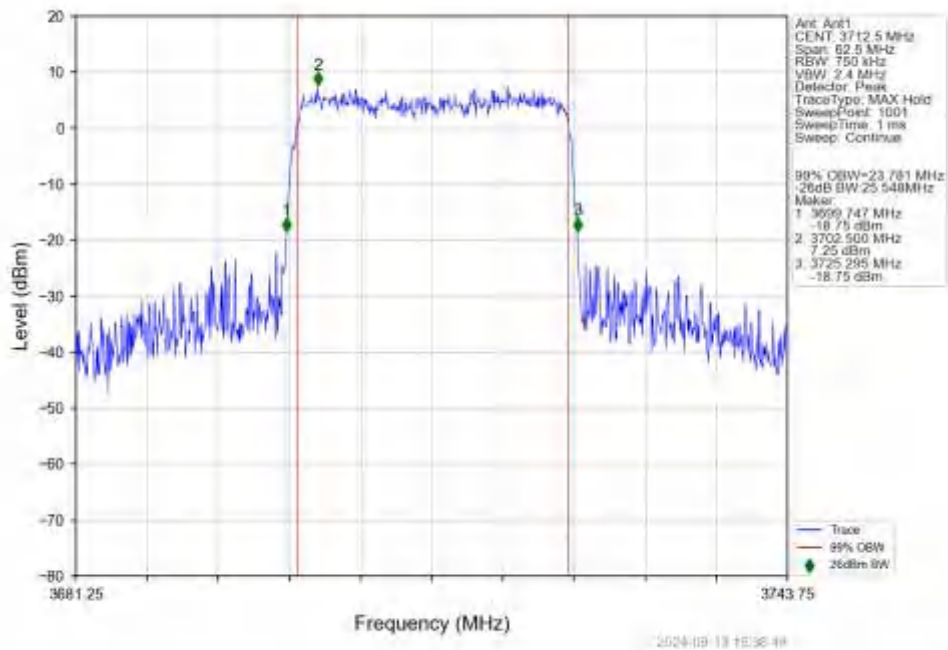
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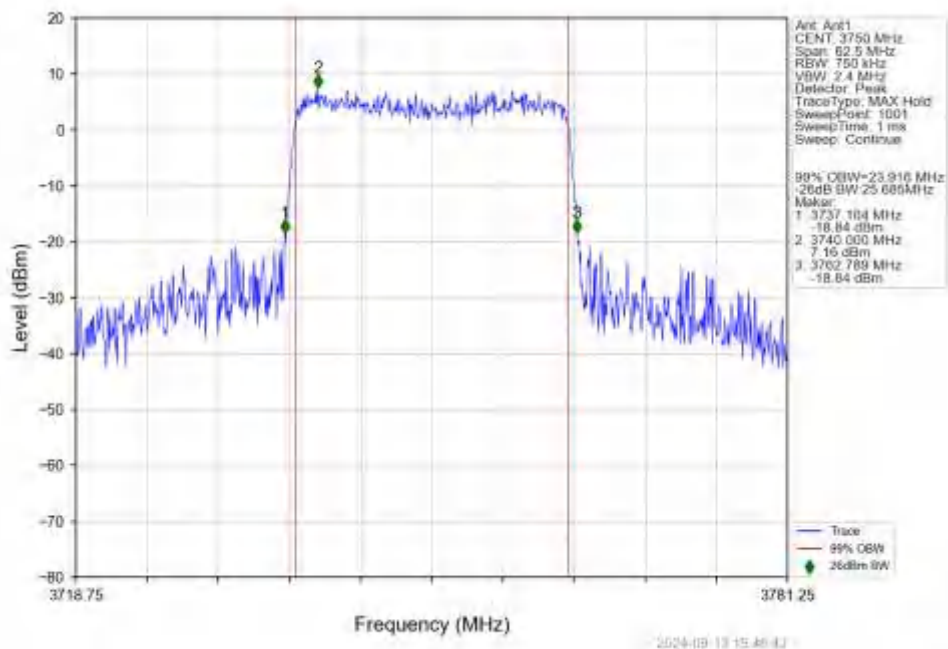
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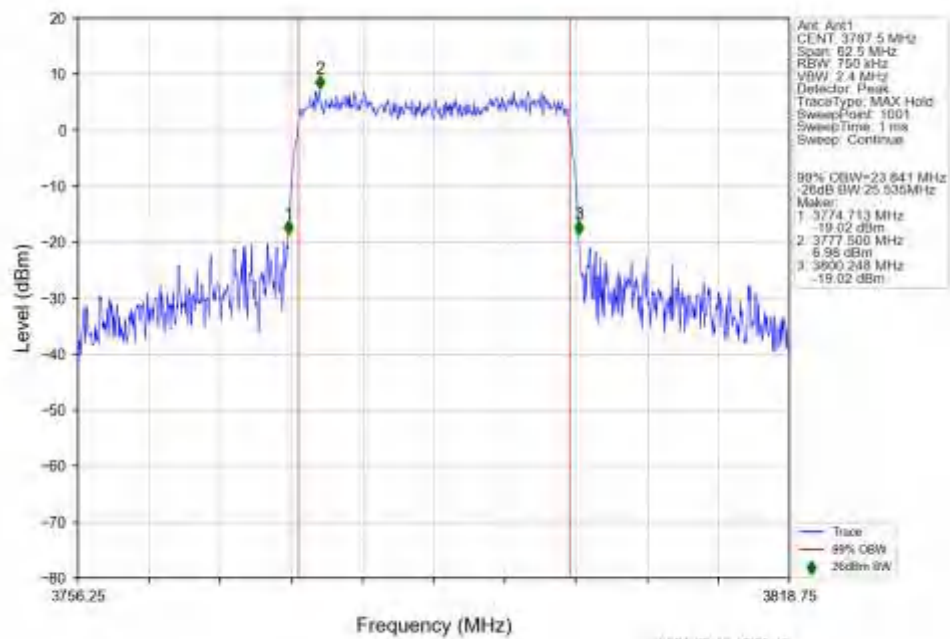
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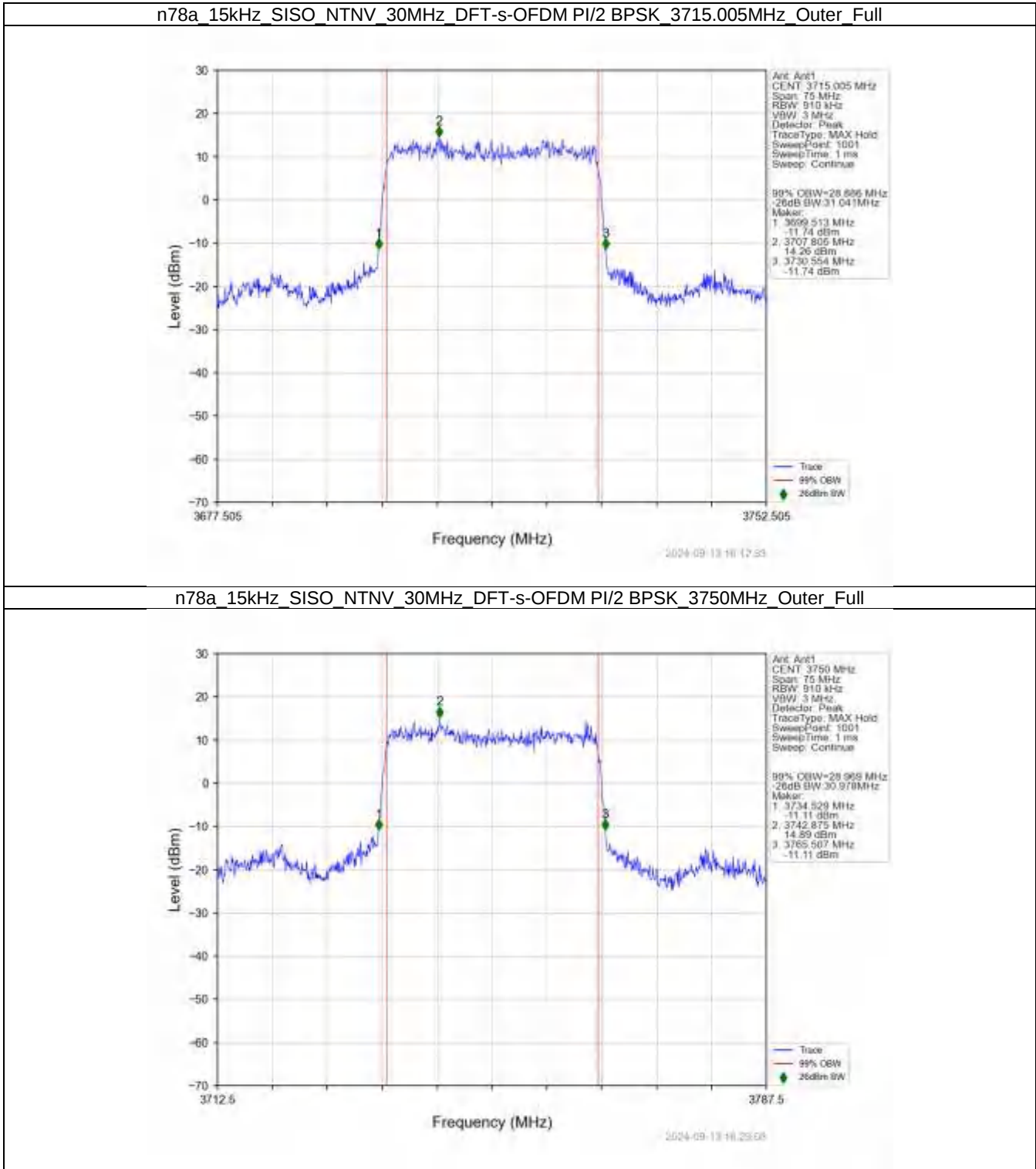
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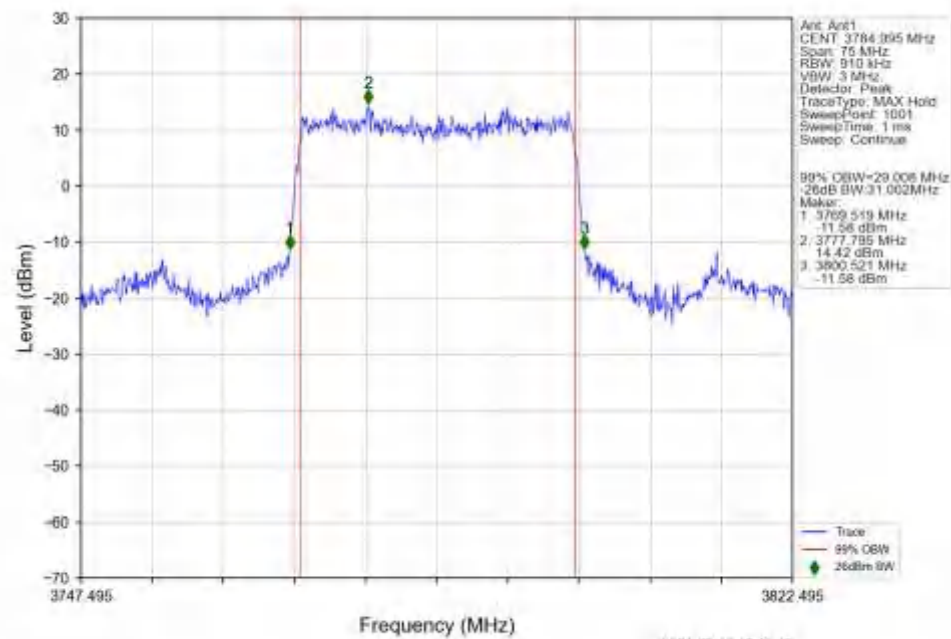
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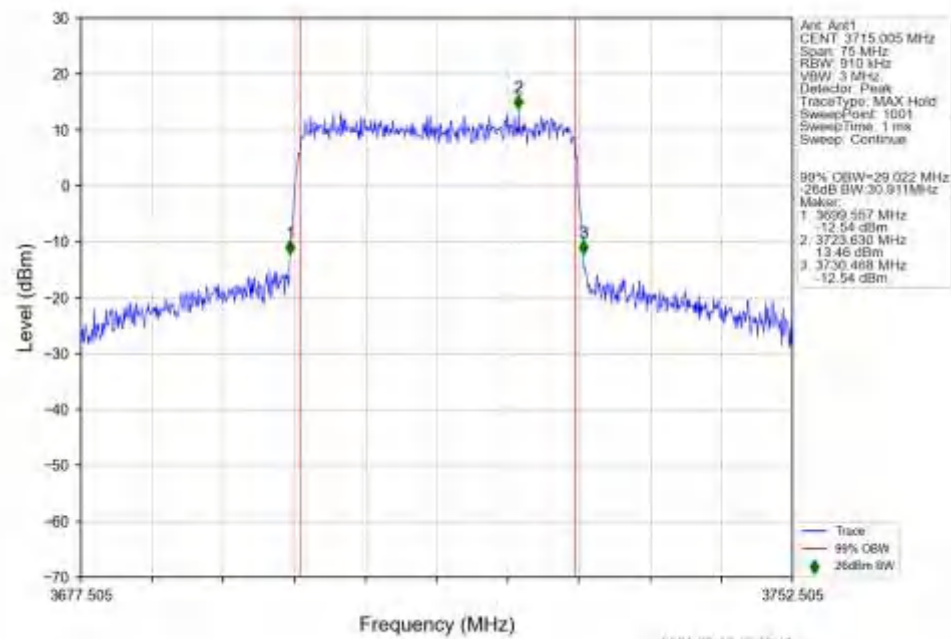
4.2.5 15k_SISO_30MHz_NTNV



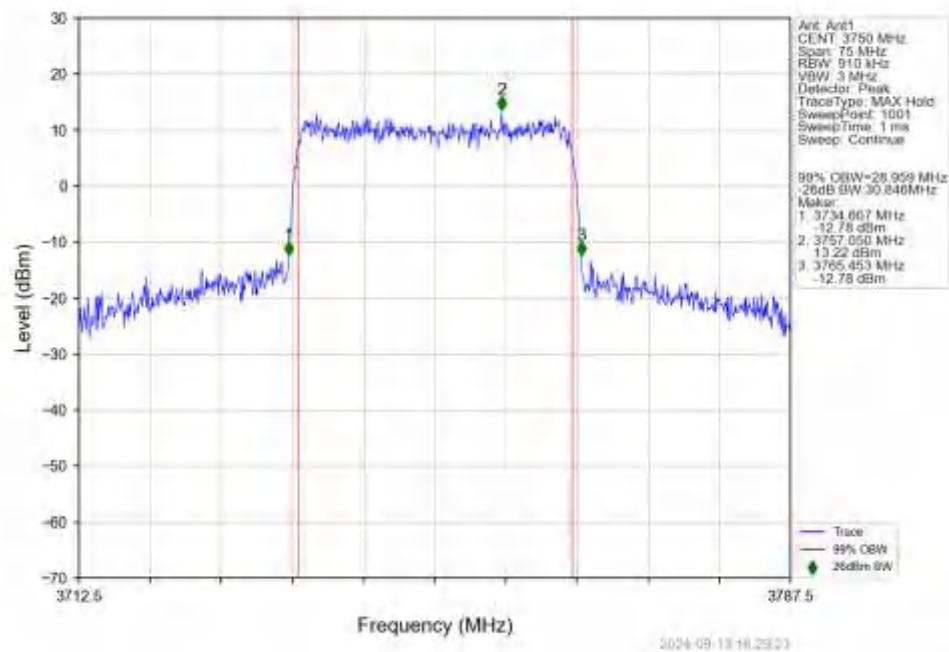
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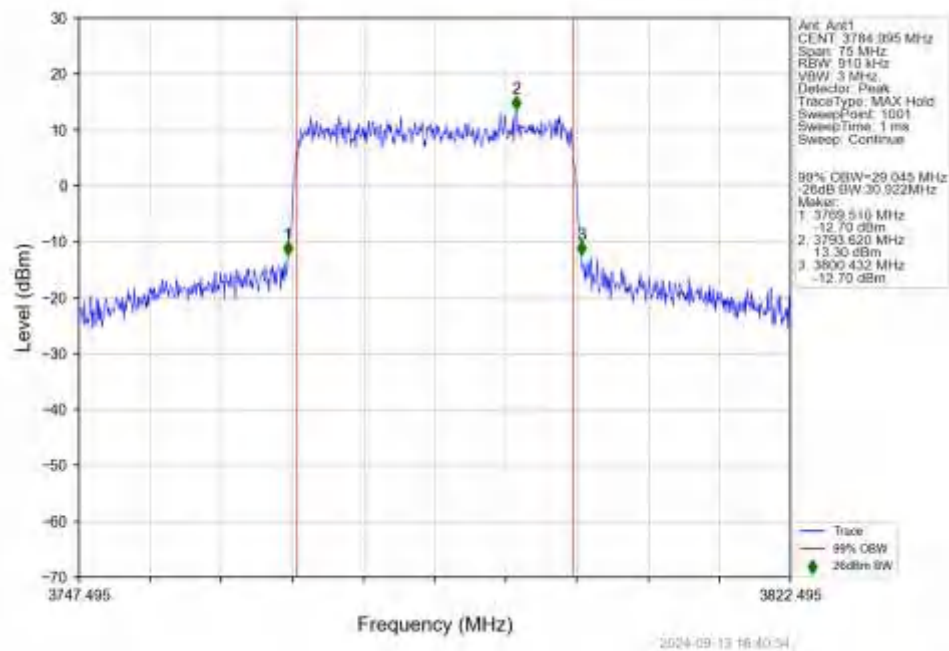
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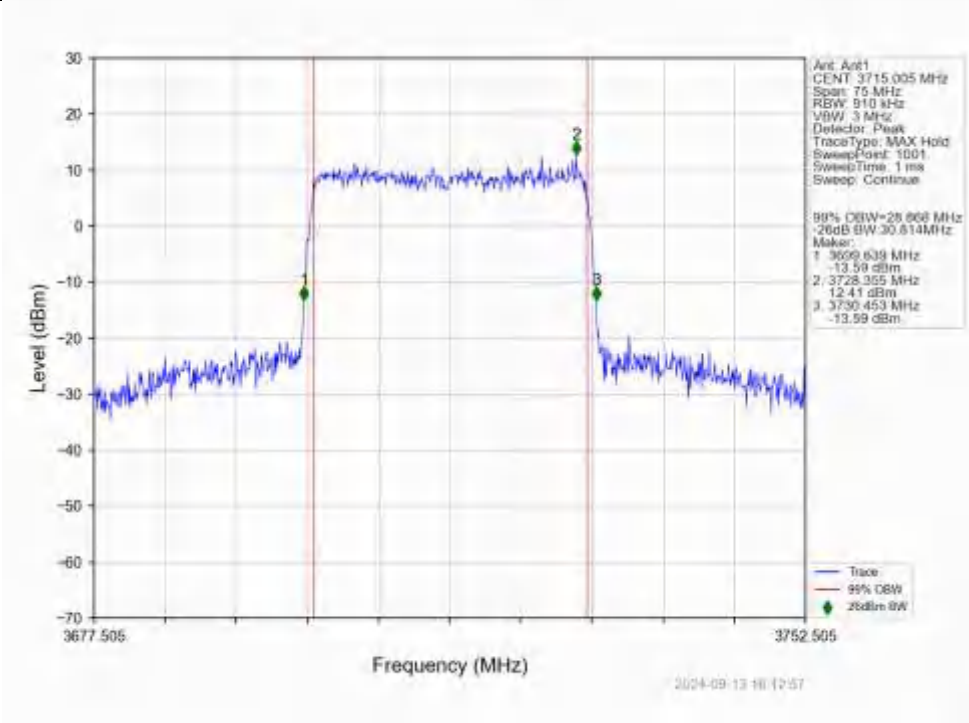
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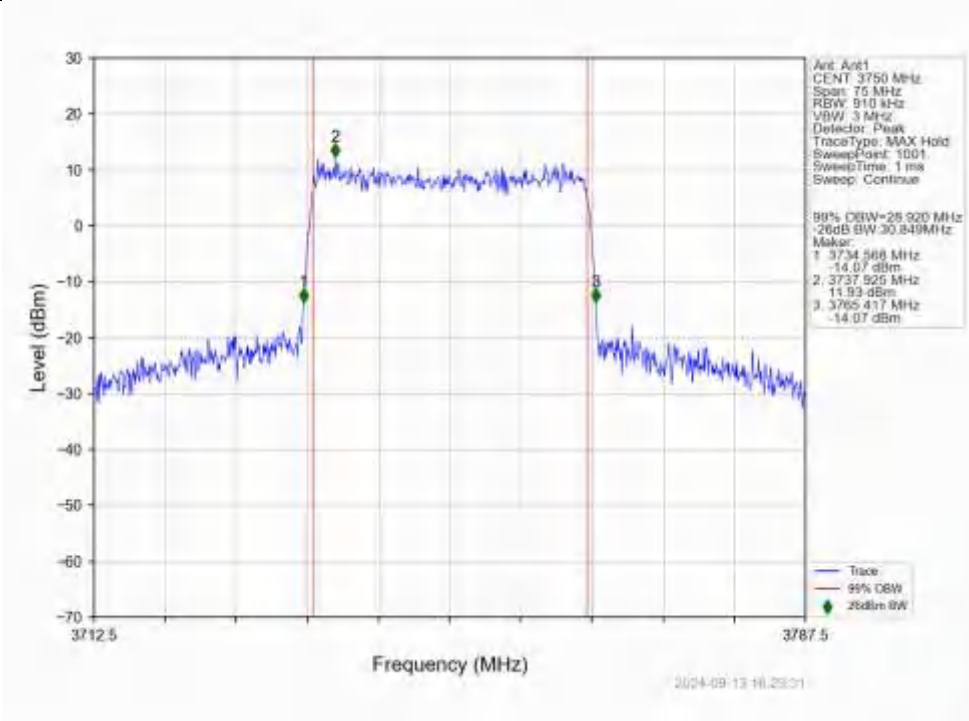
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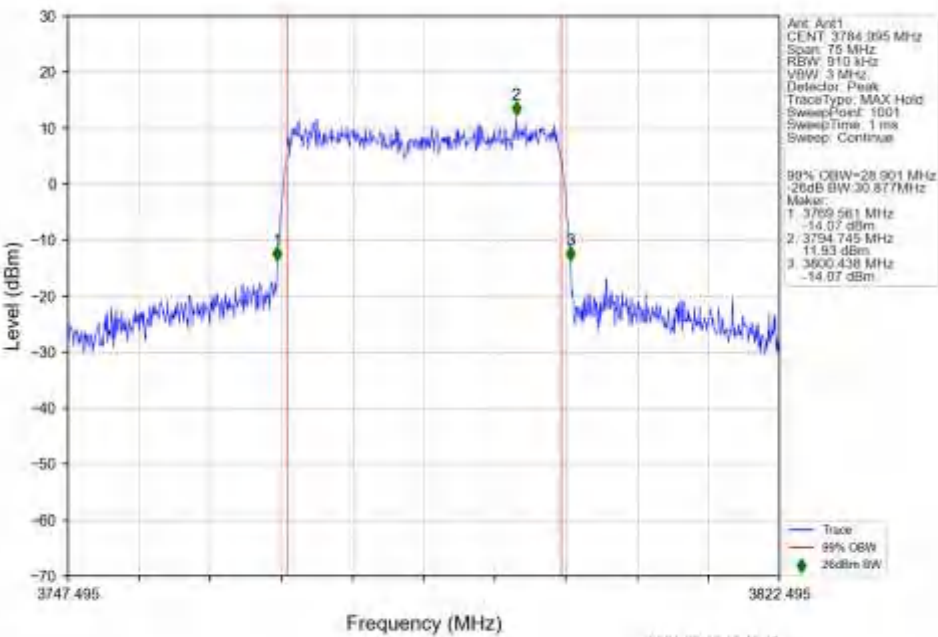
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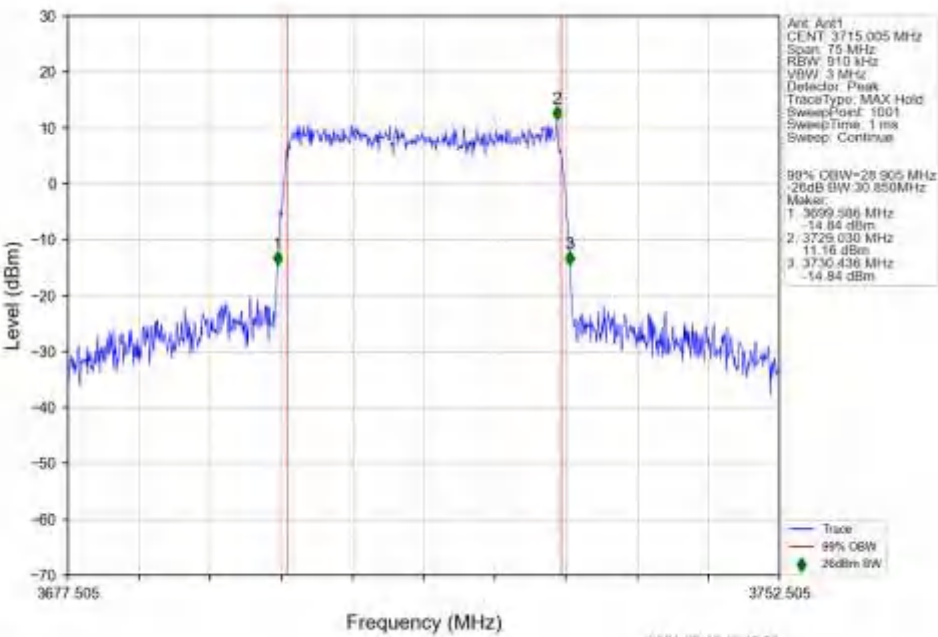
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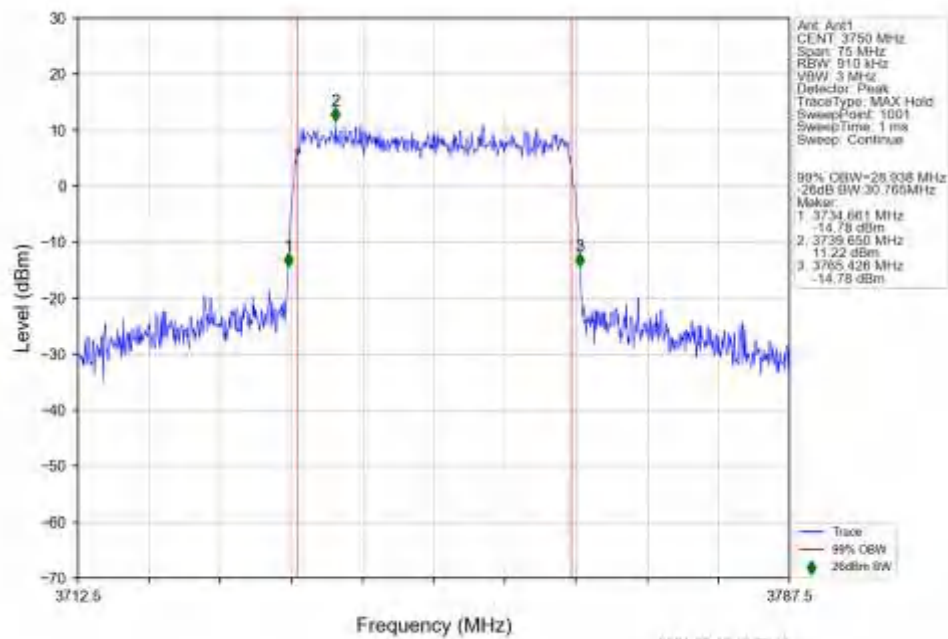
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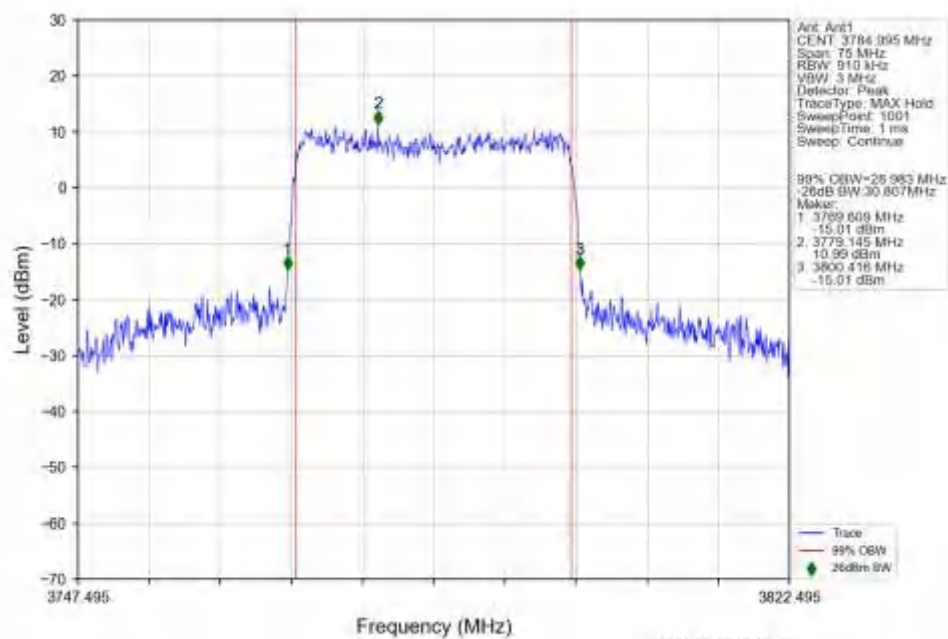
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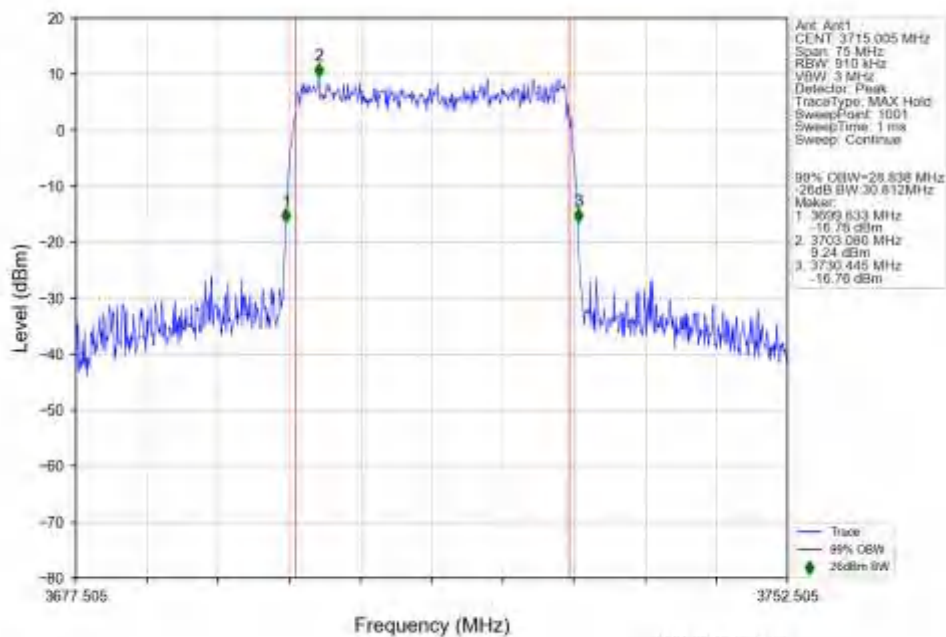
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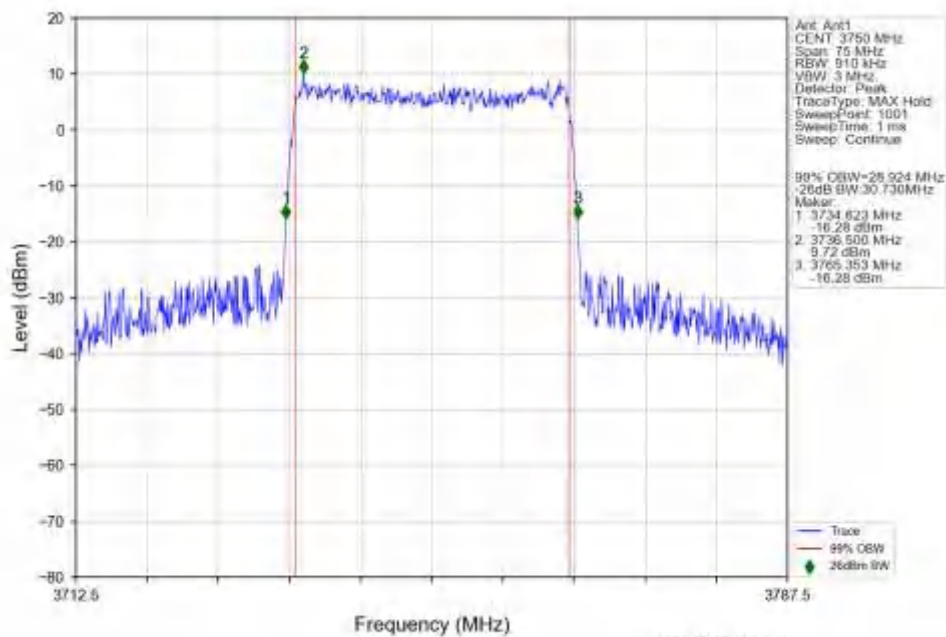
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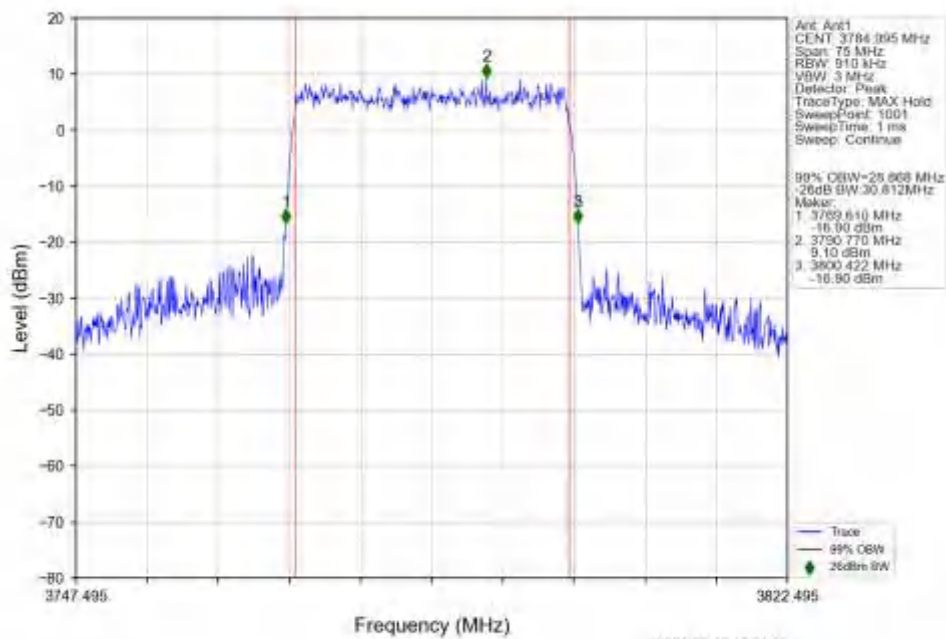
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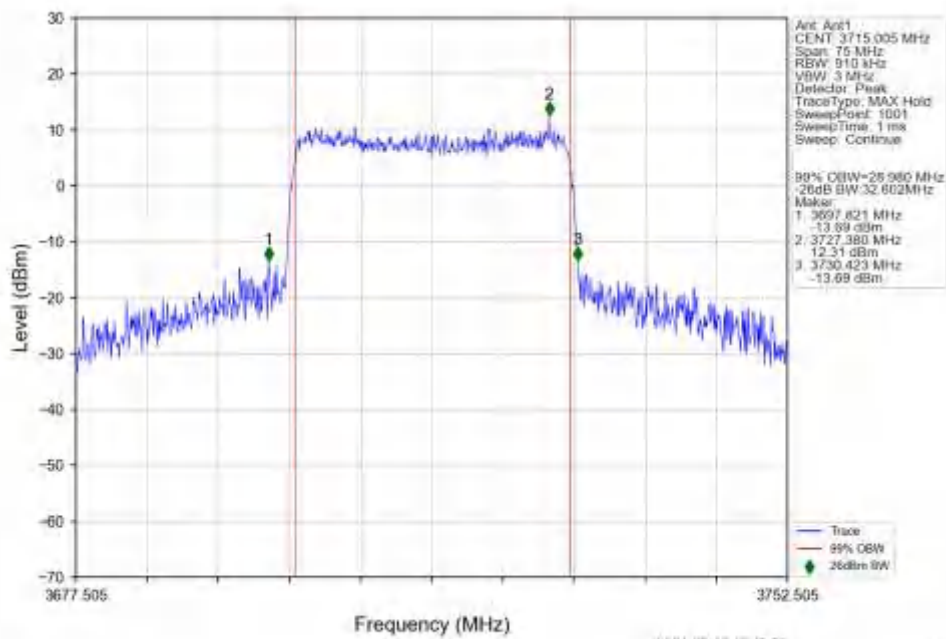
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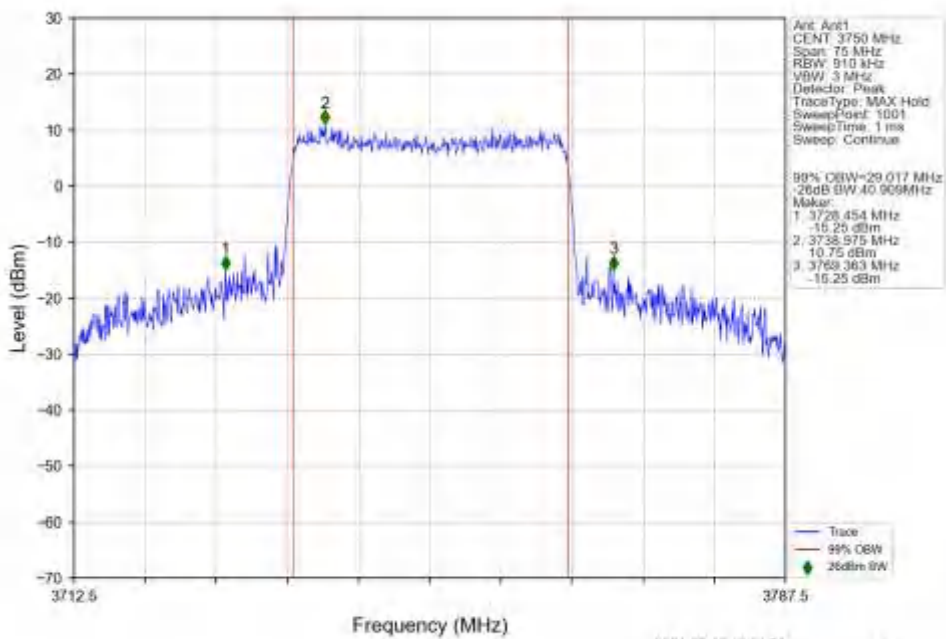
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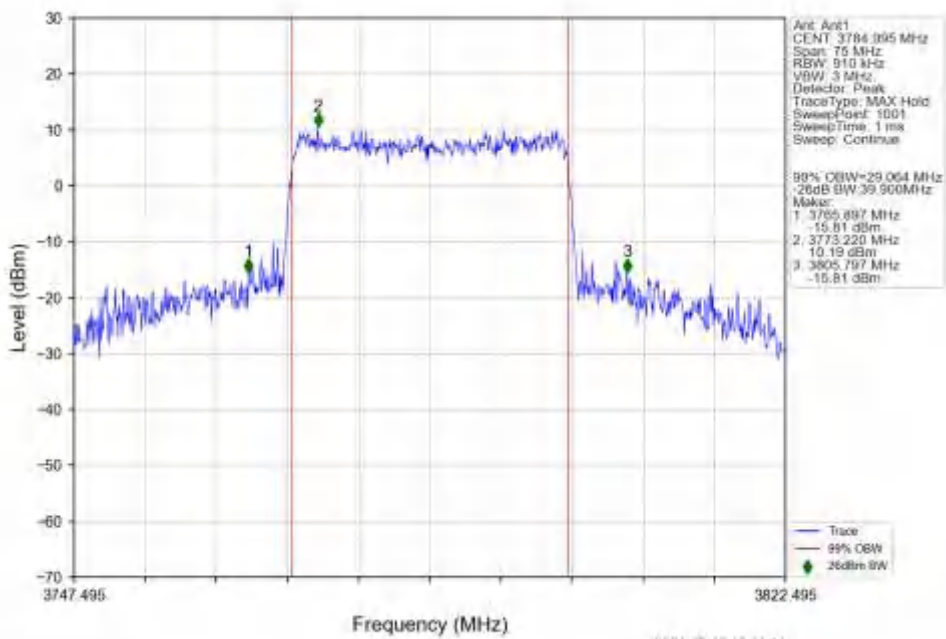
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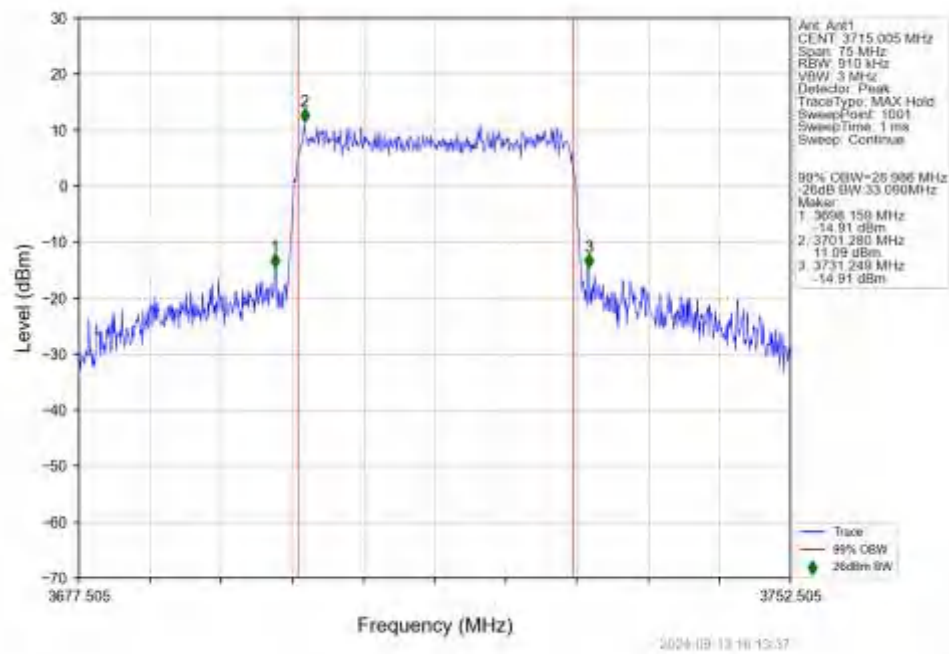
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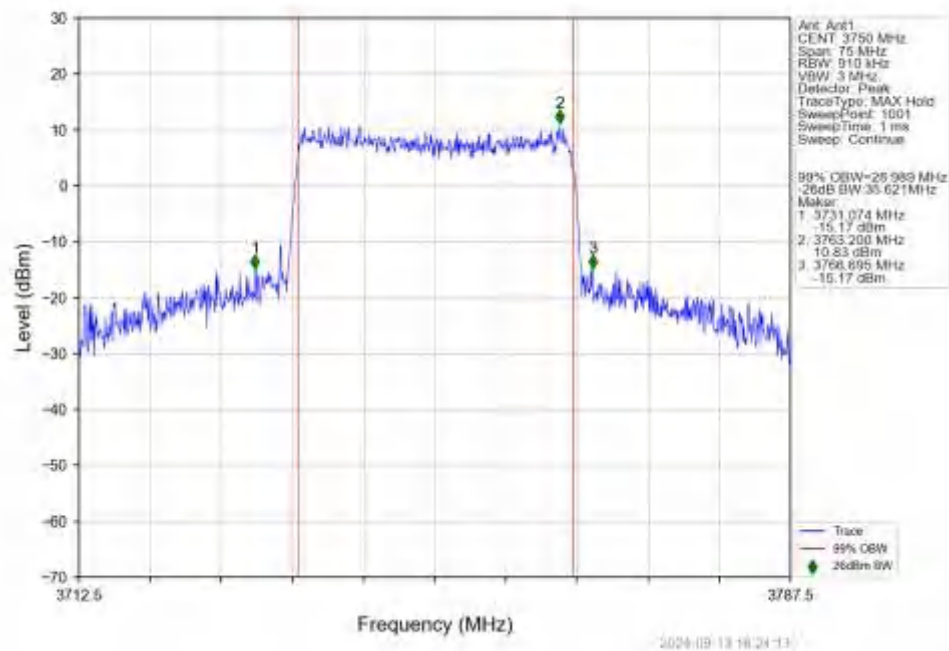
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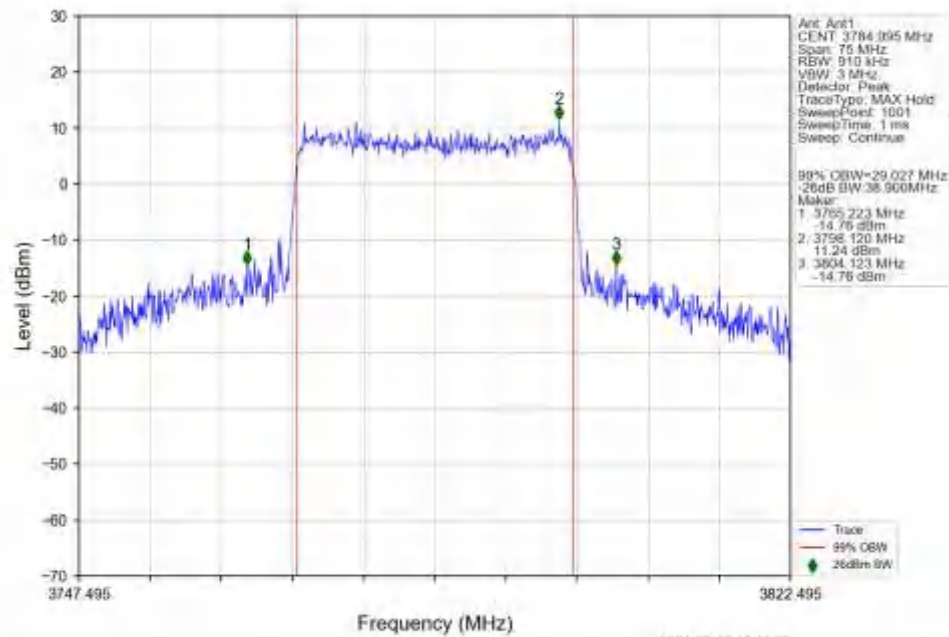
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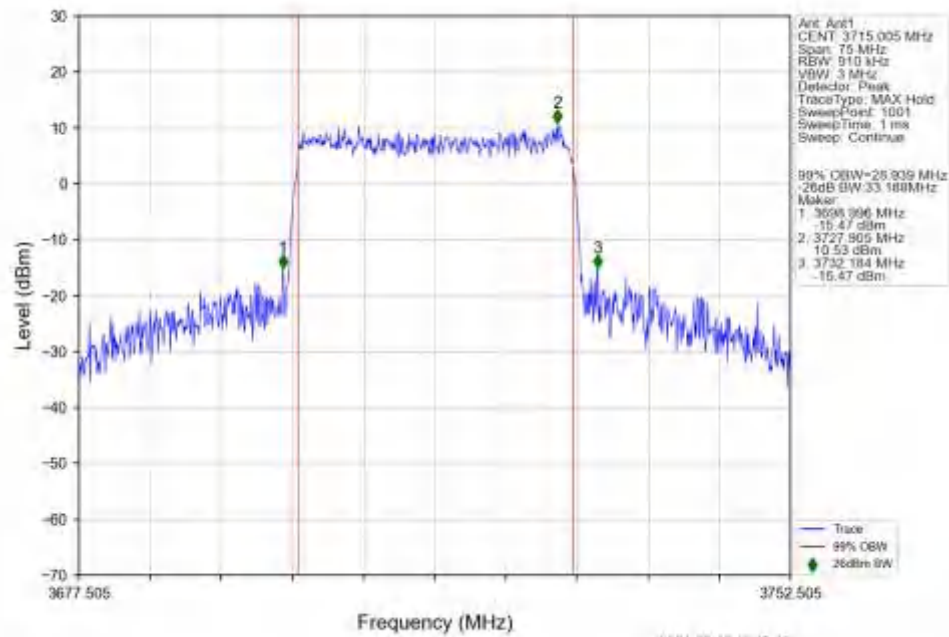
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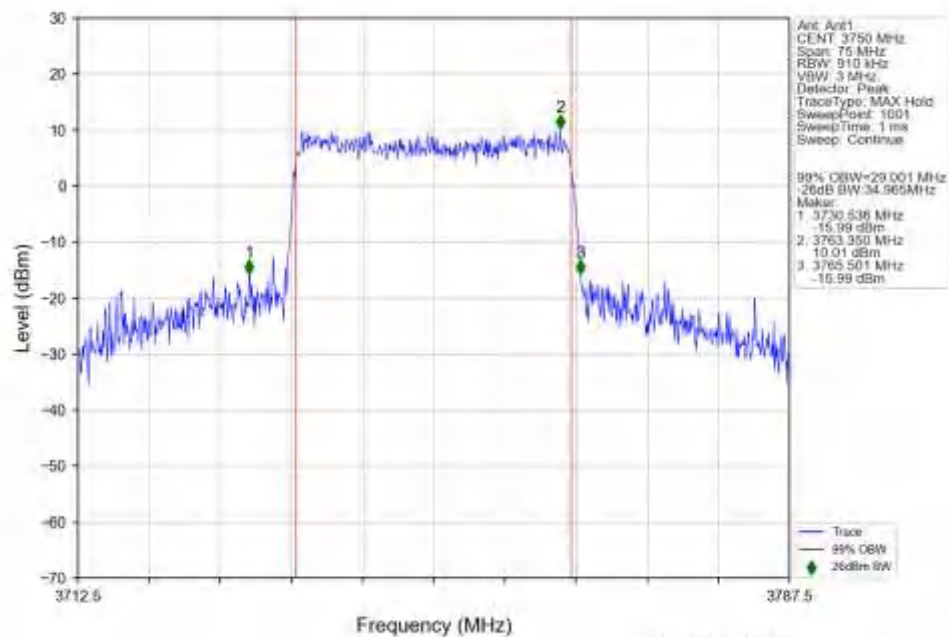
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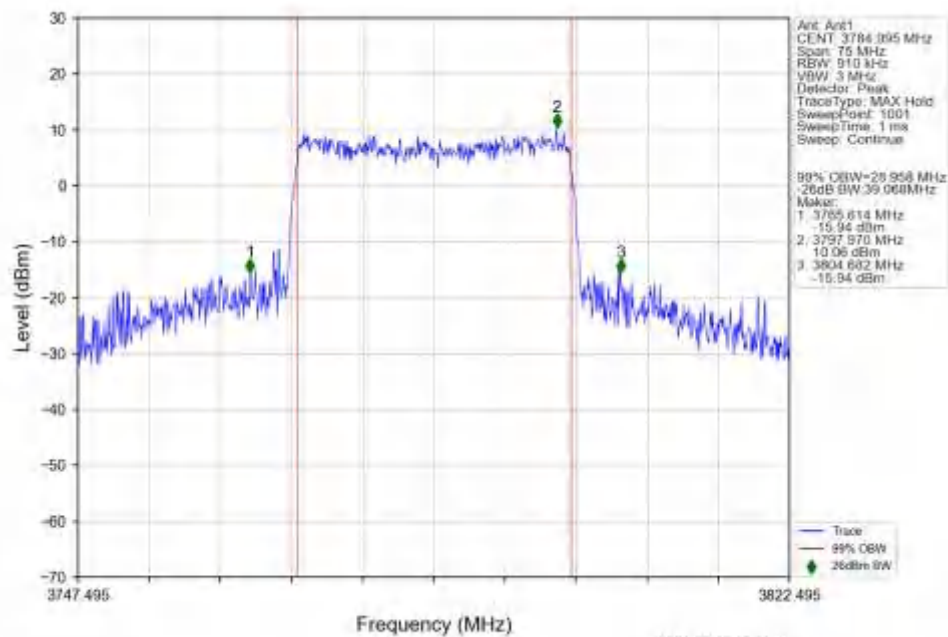
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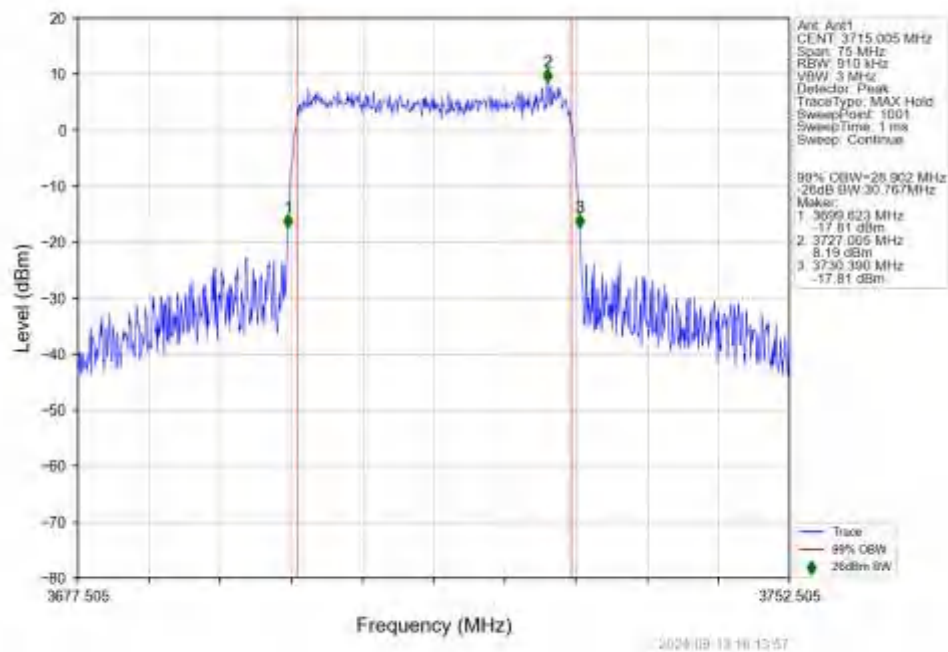
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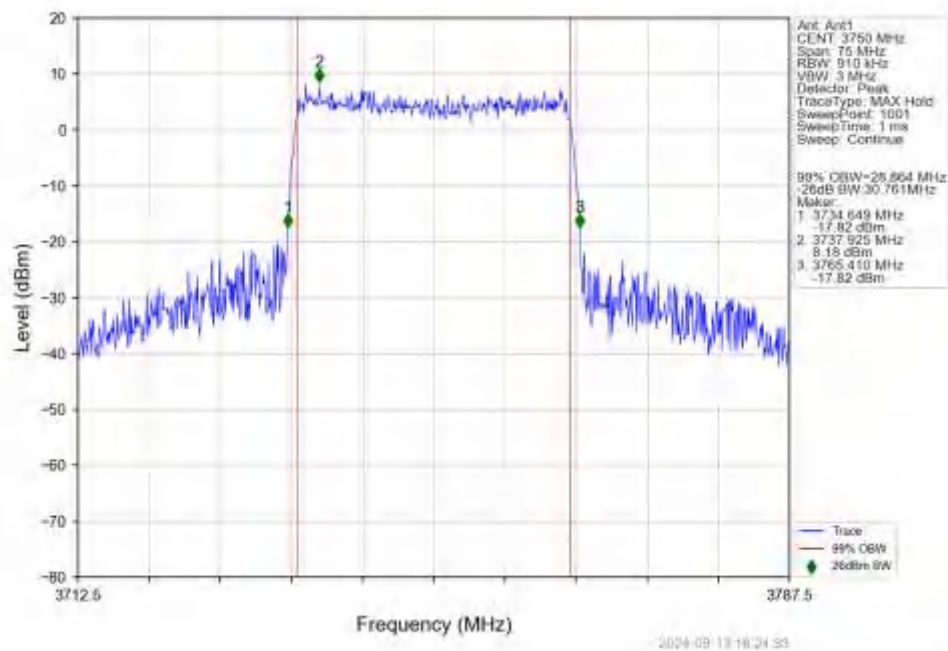
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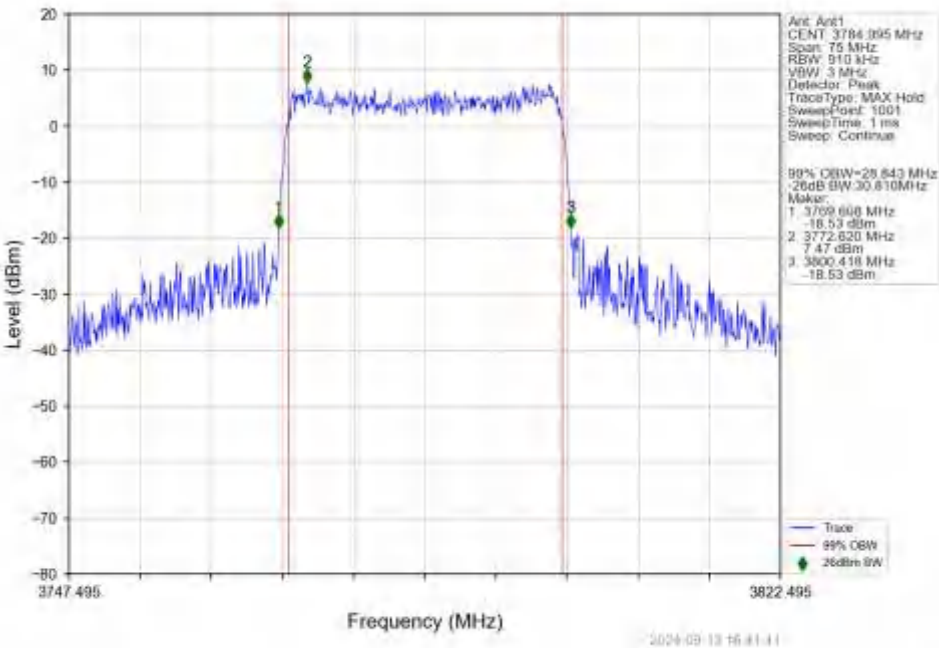
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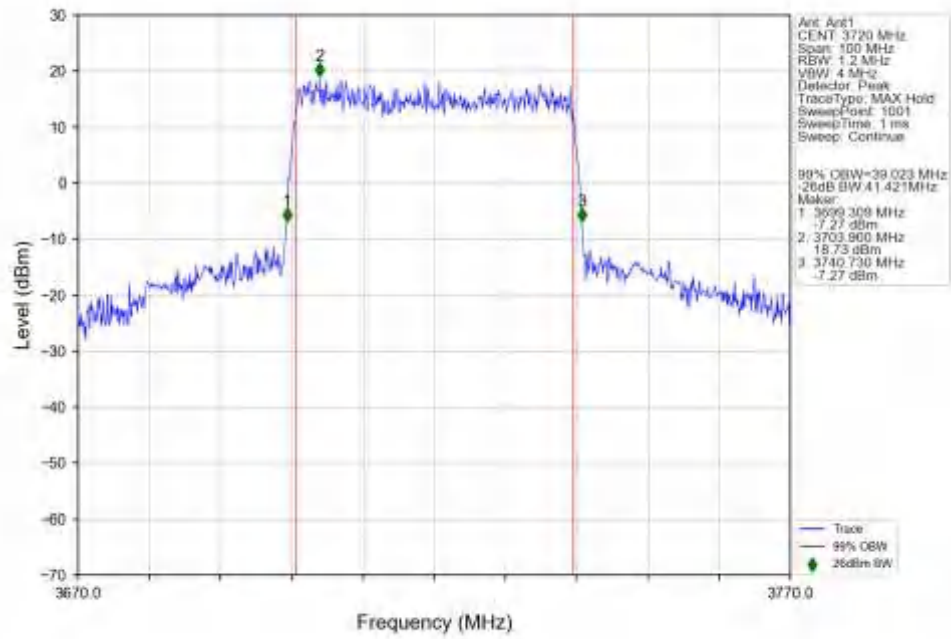


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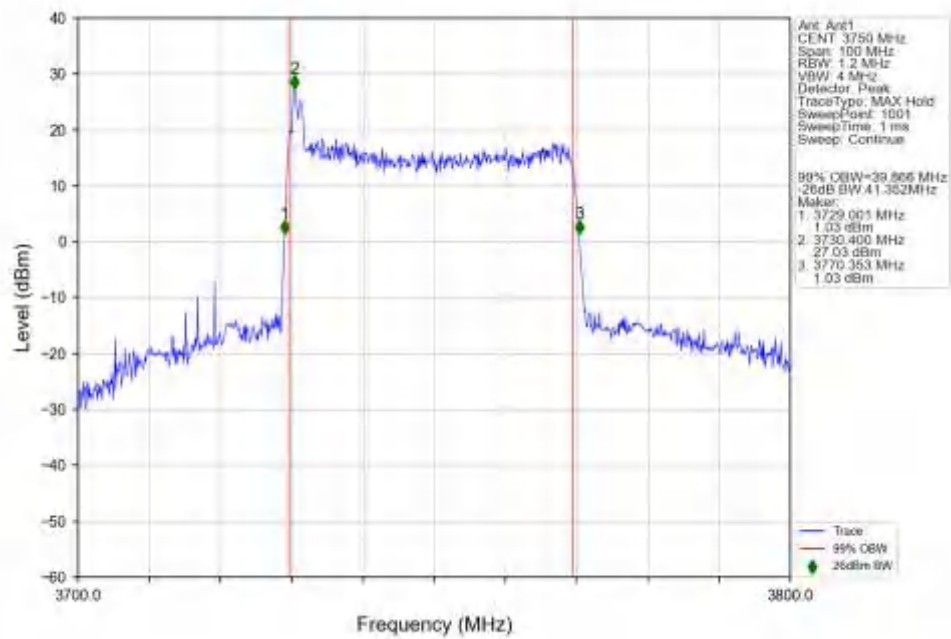


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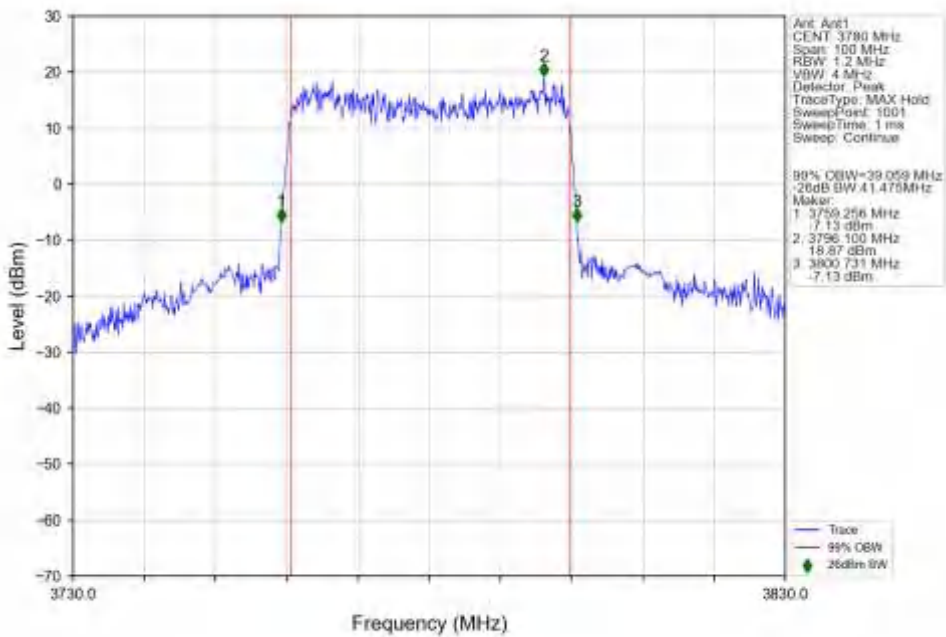
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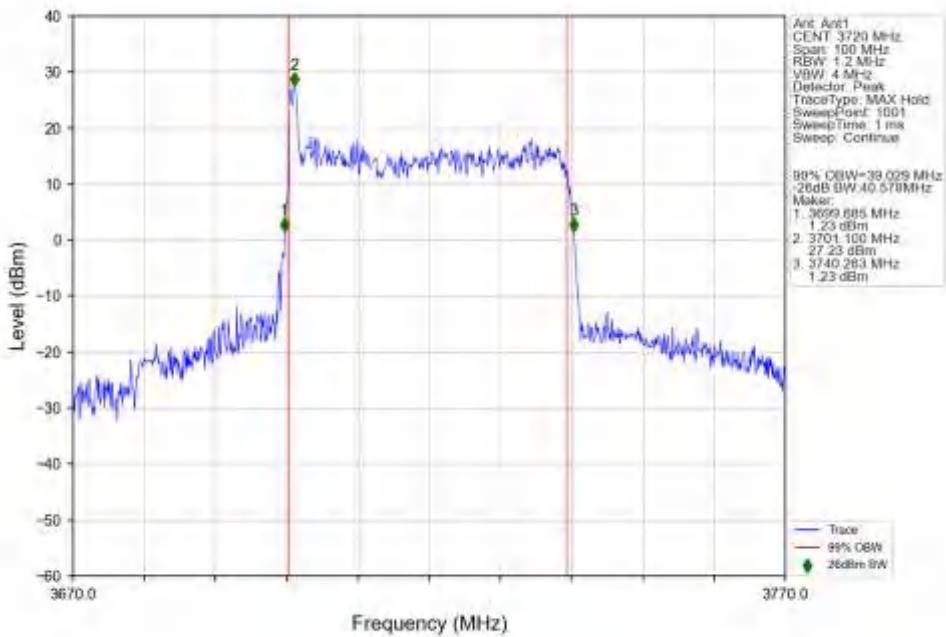
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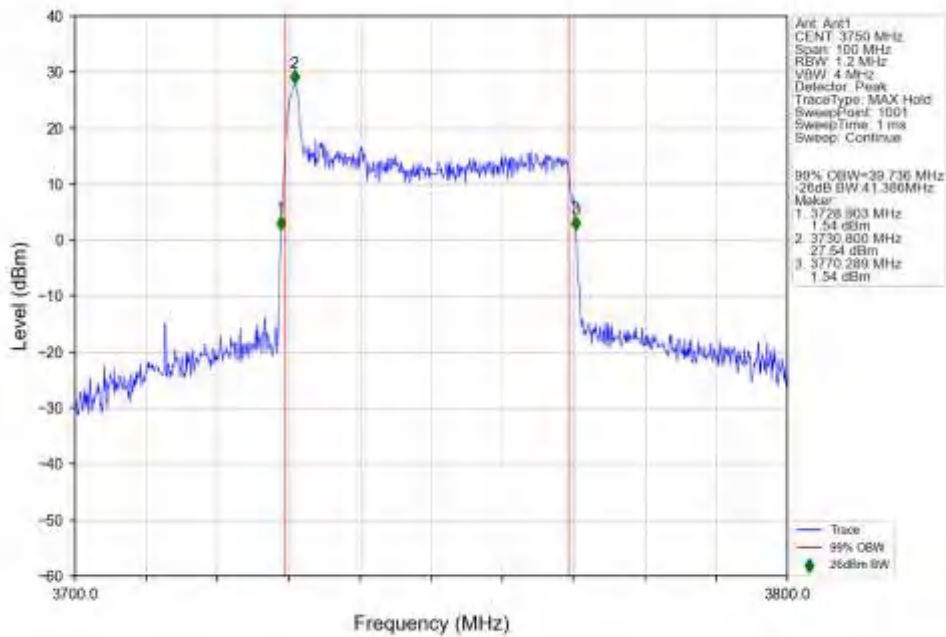
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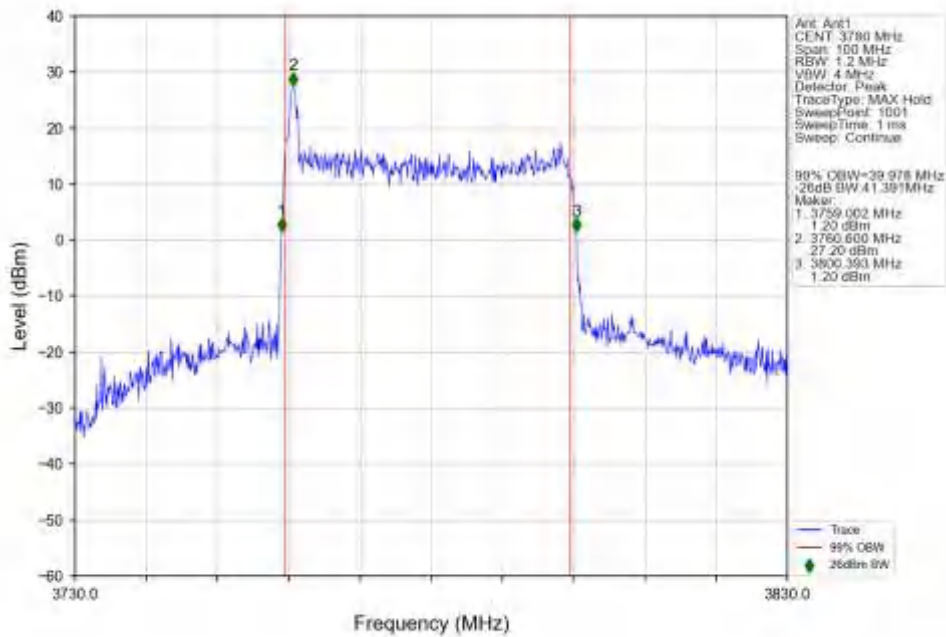
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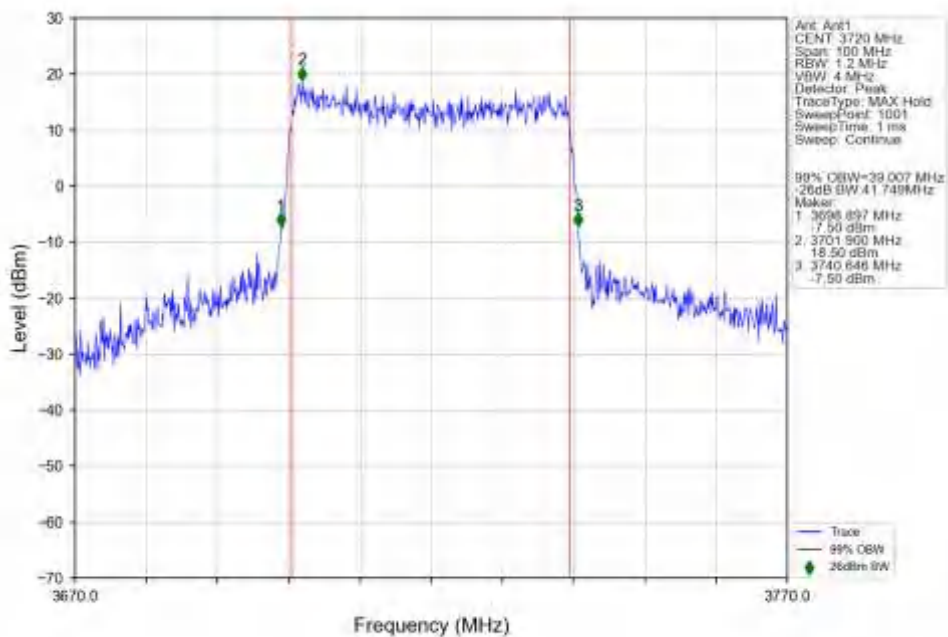
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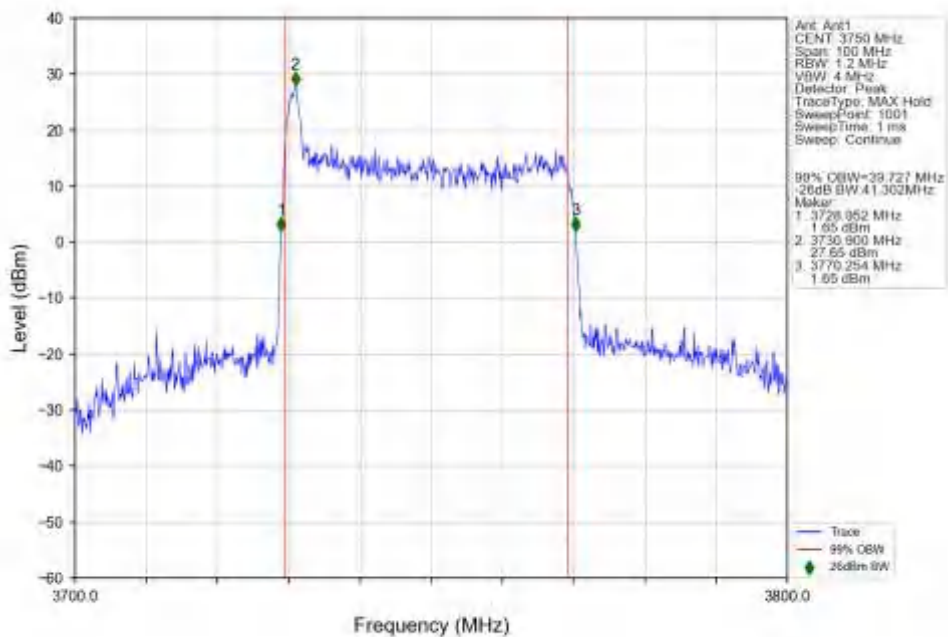
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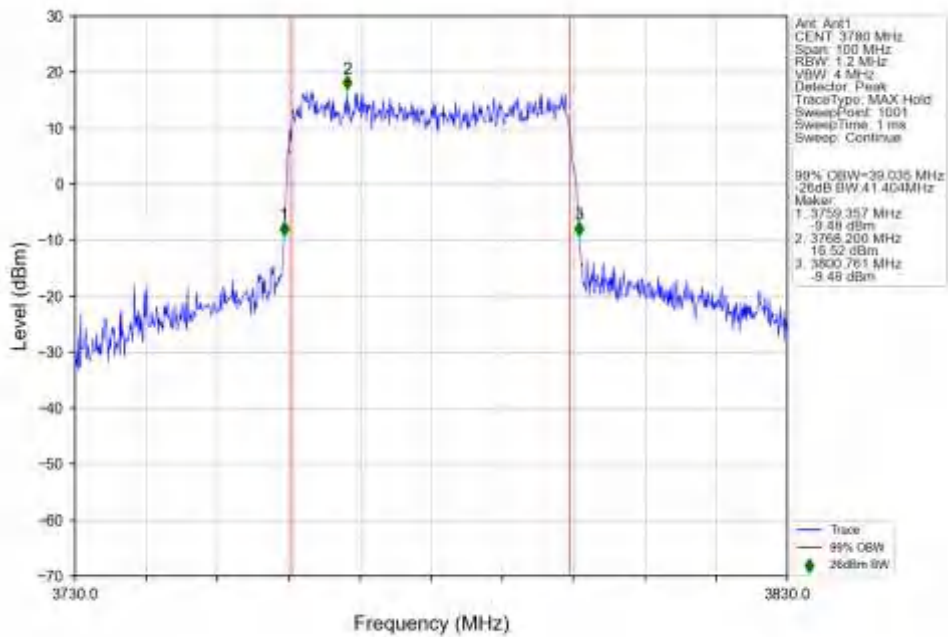
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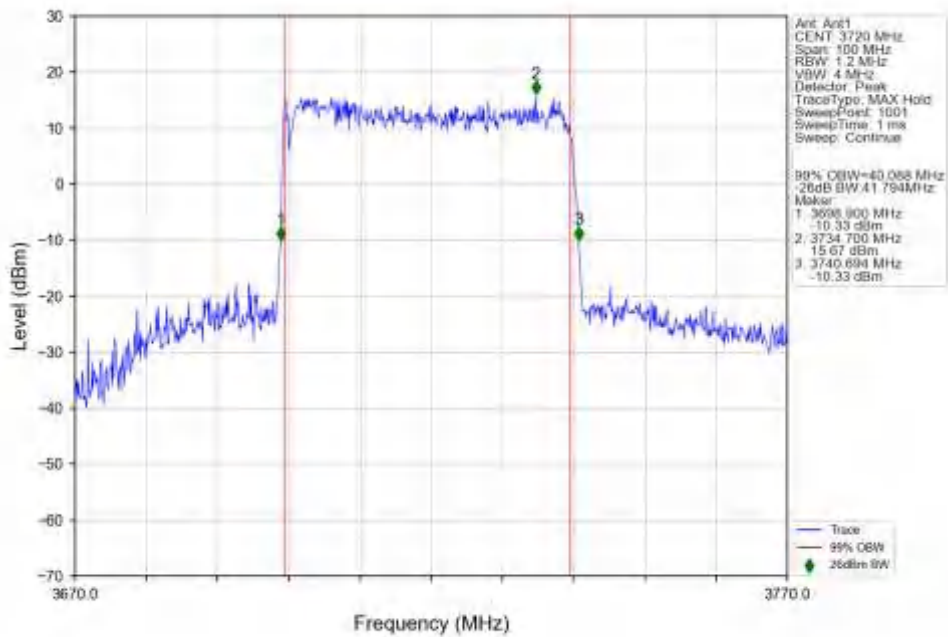
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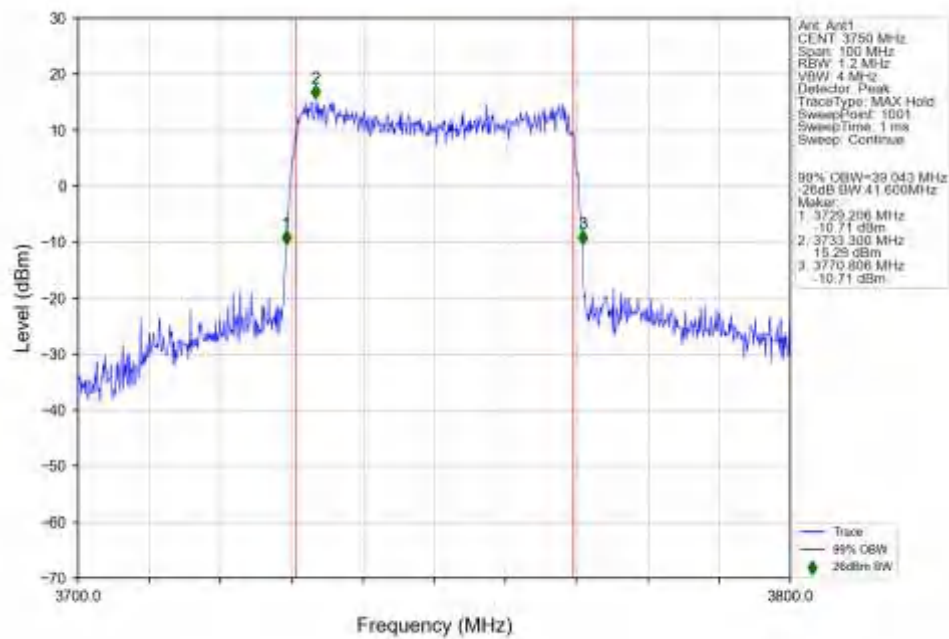
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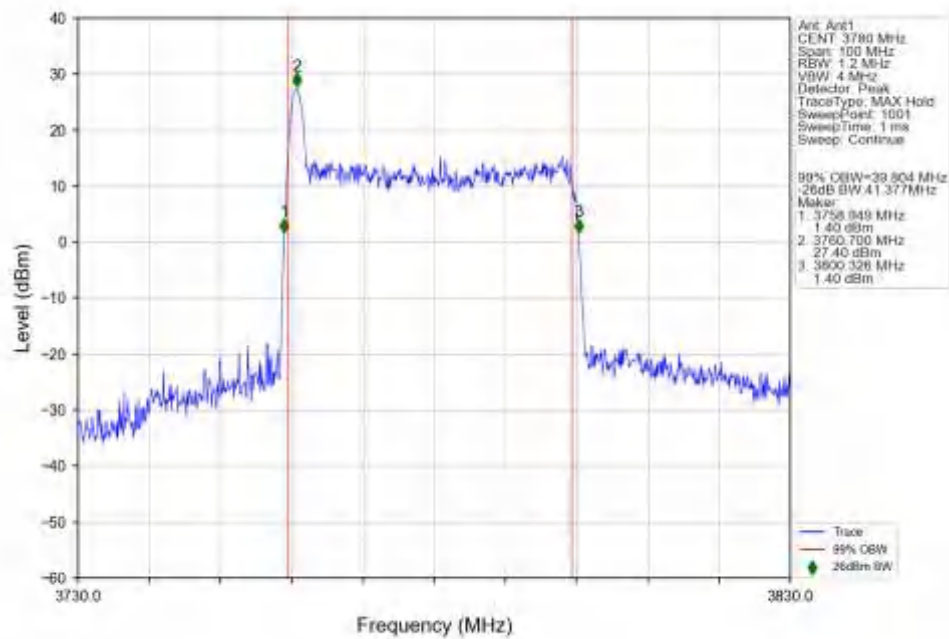
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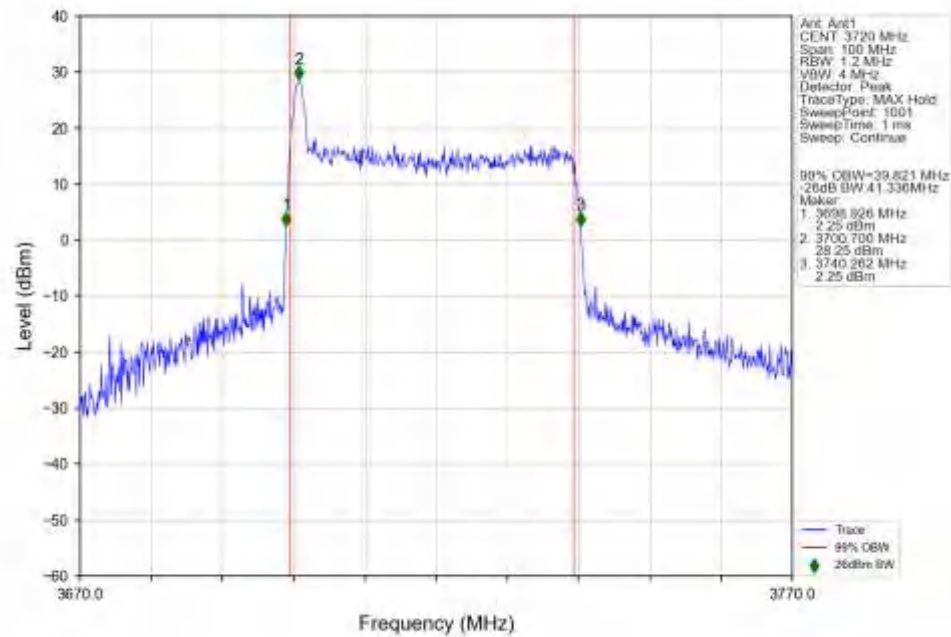
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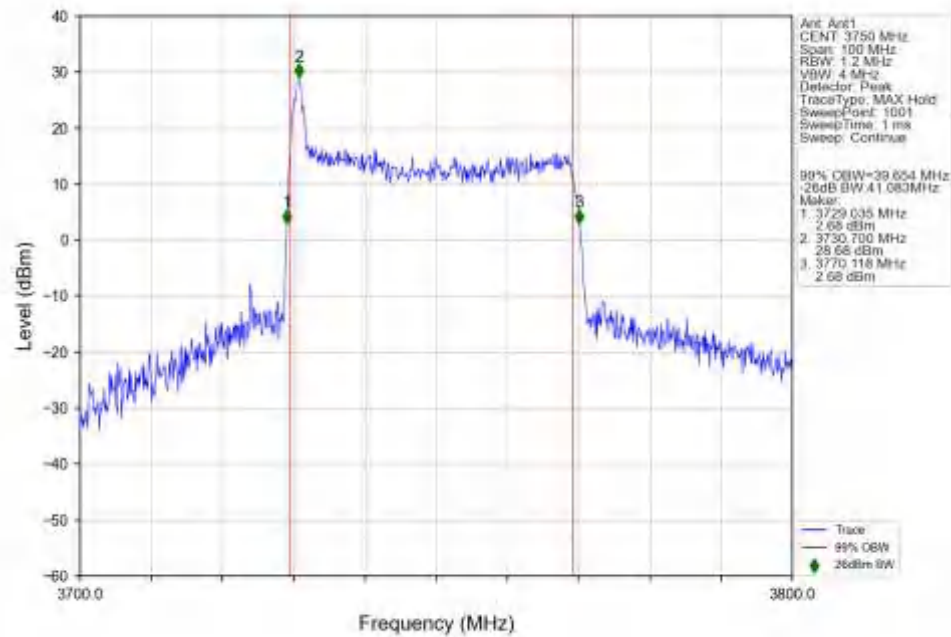
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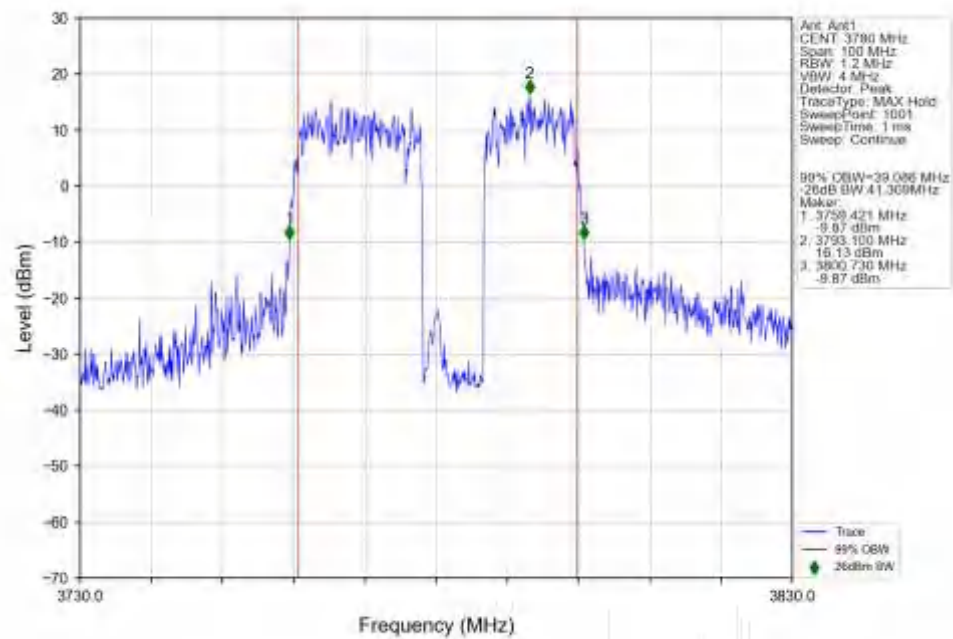
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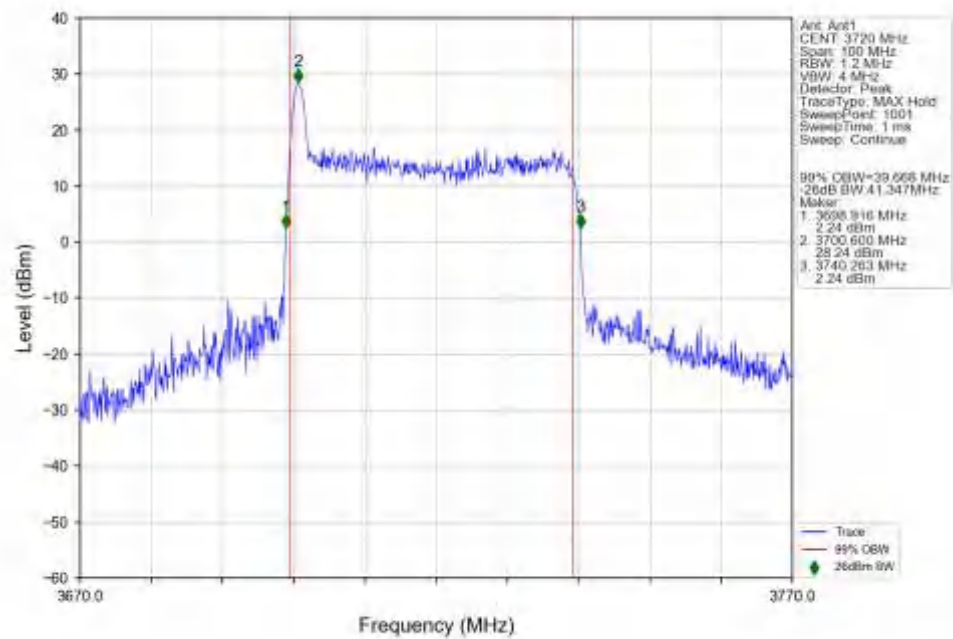
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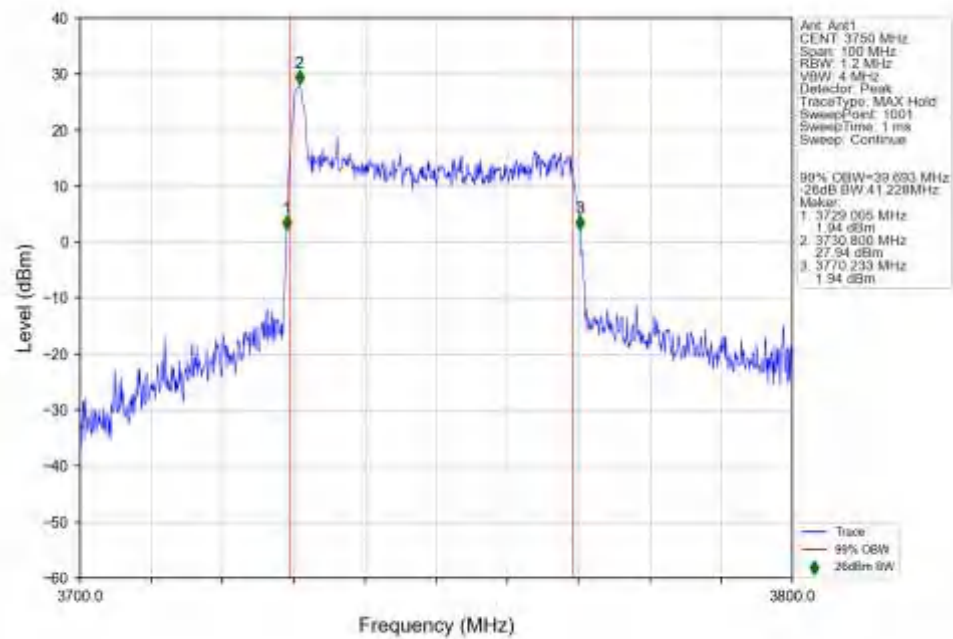
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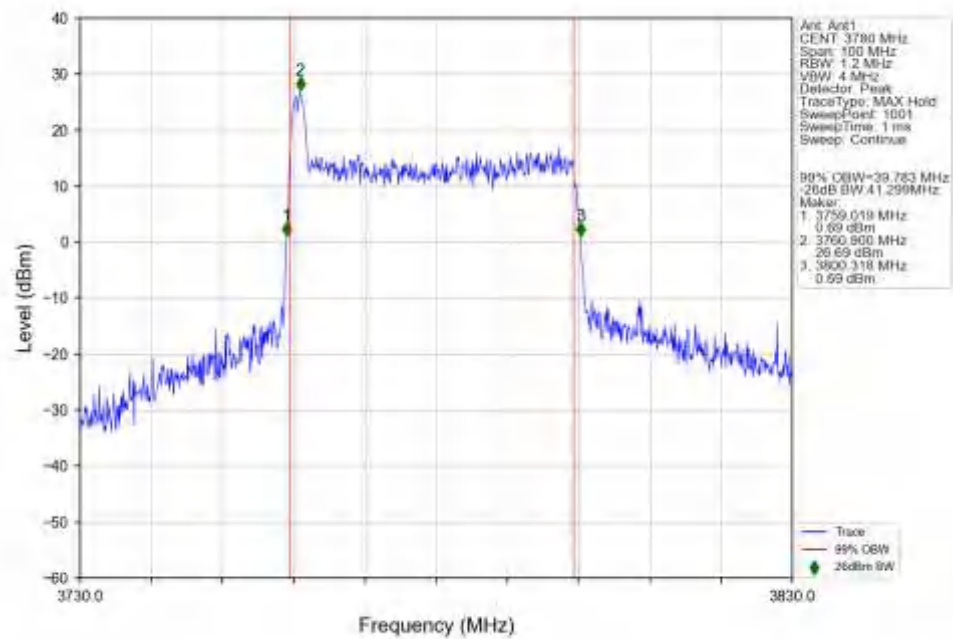
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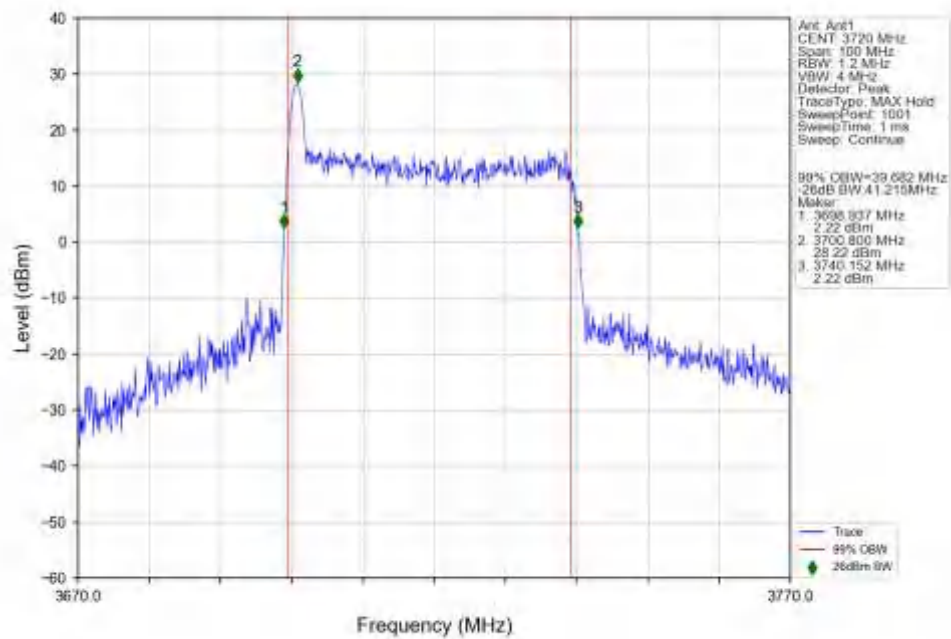
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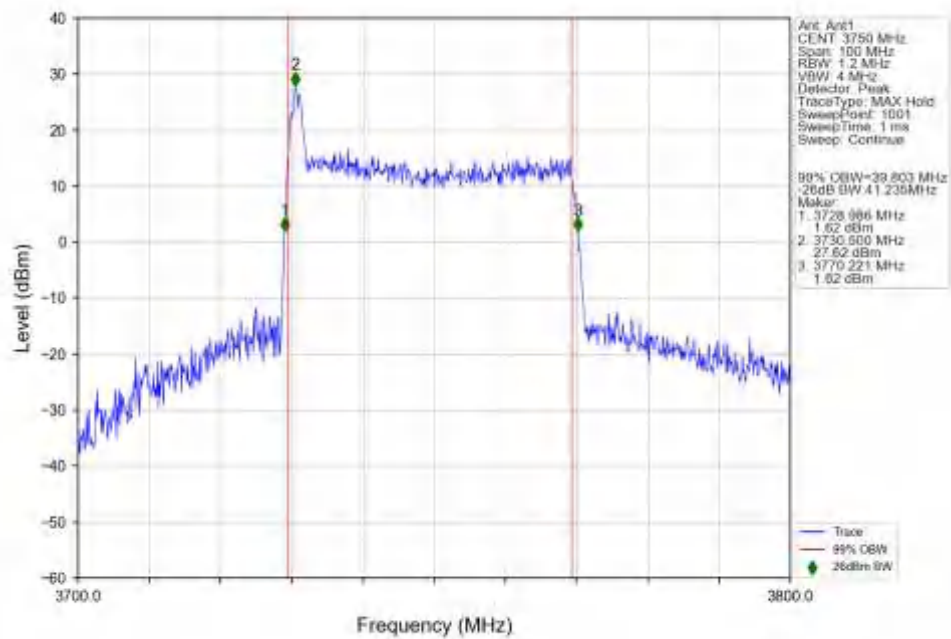
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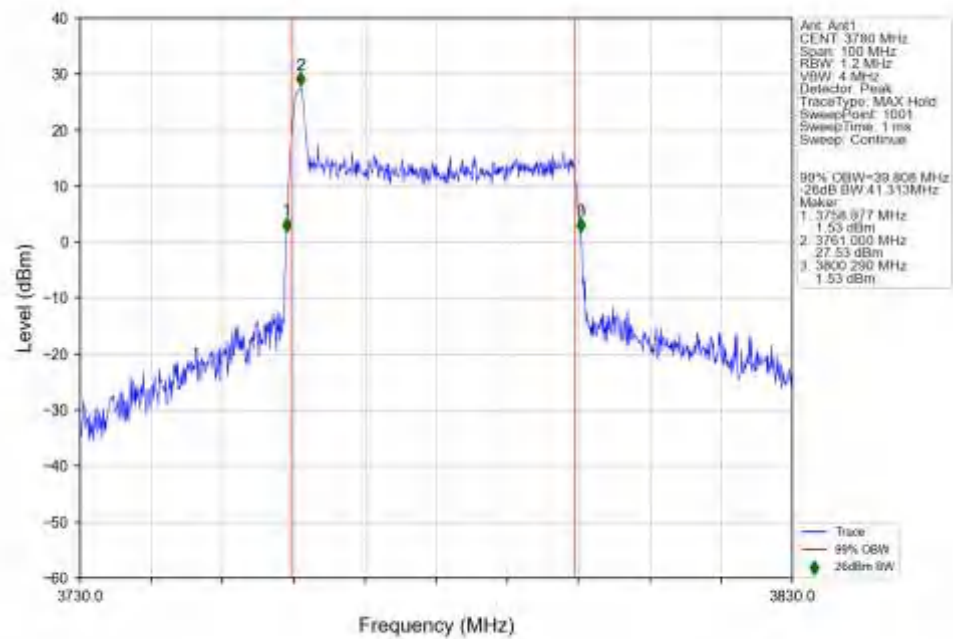
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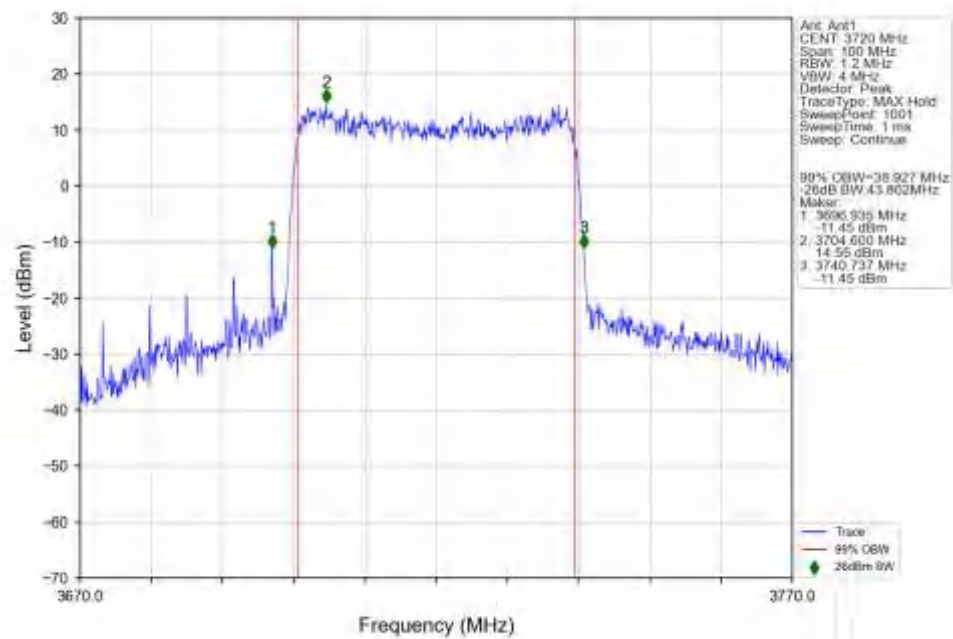
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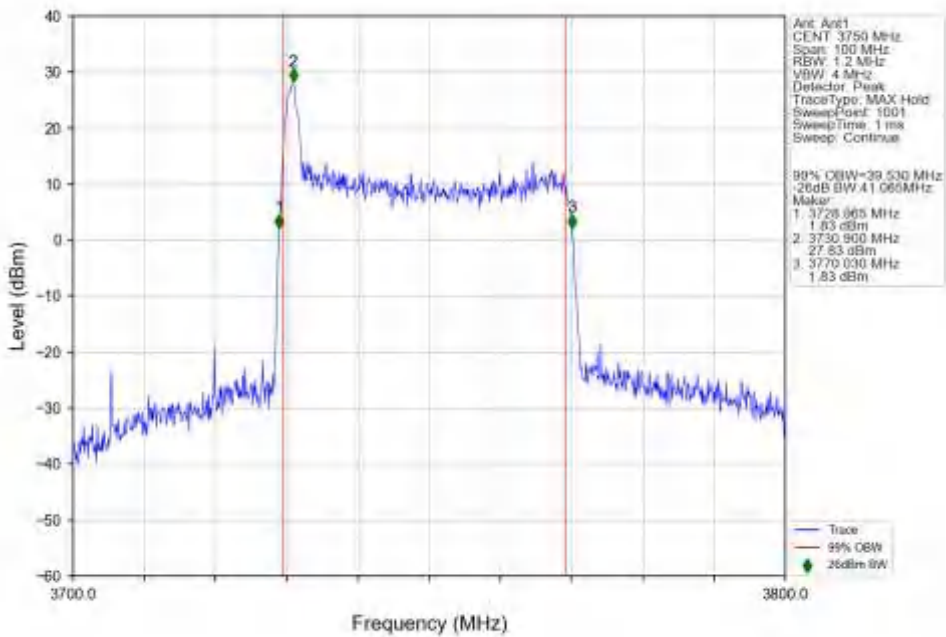
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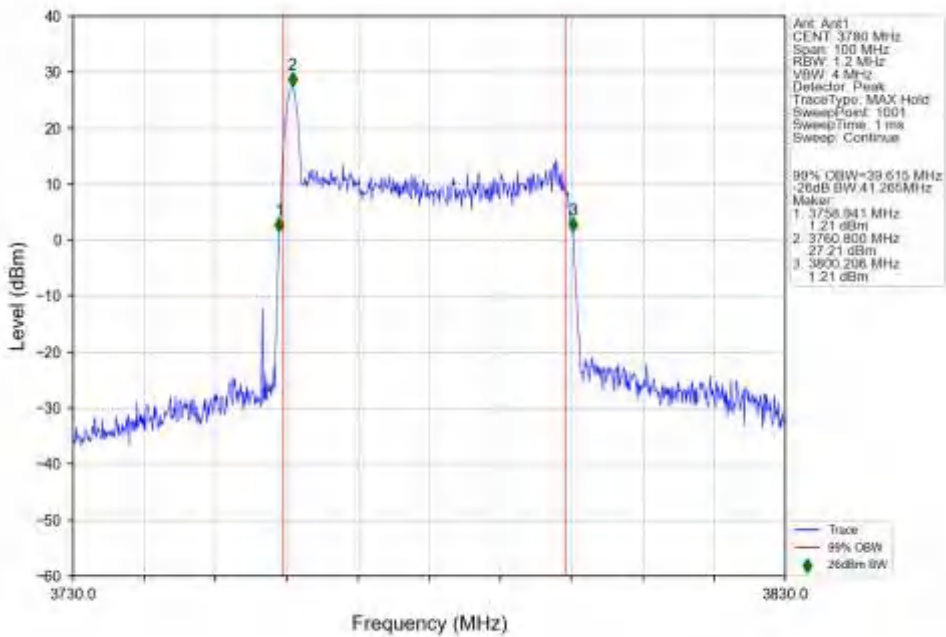
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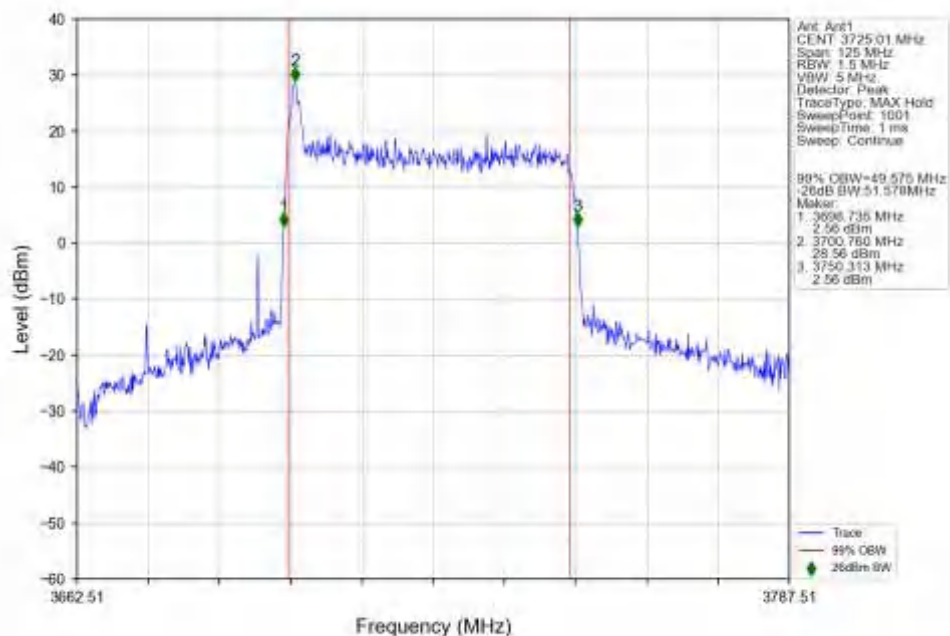


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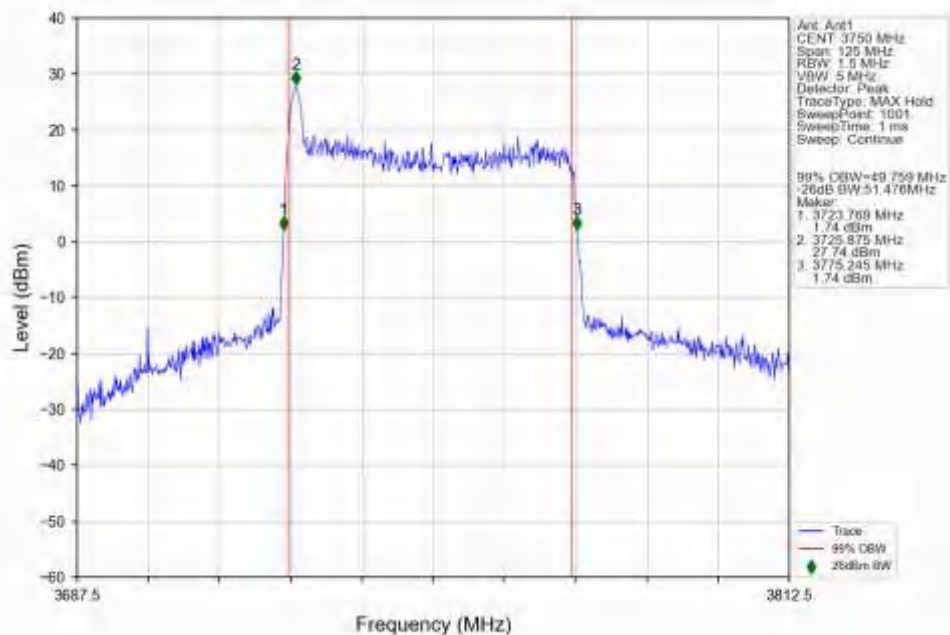


4.2.7 15k_SISO_50MHz_NTNV

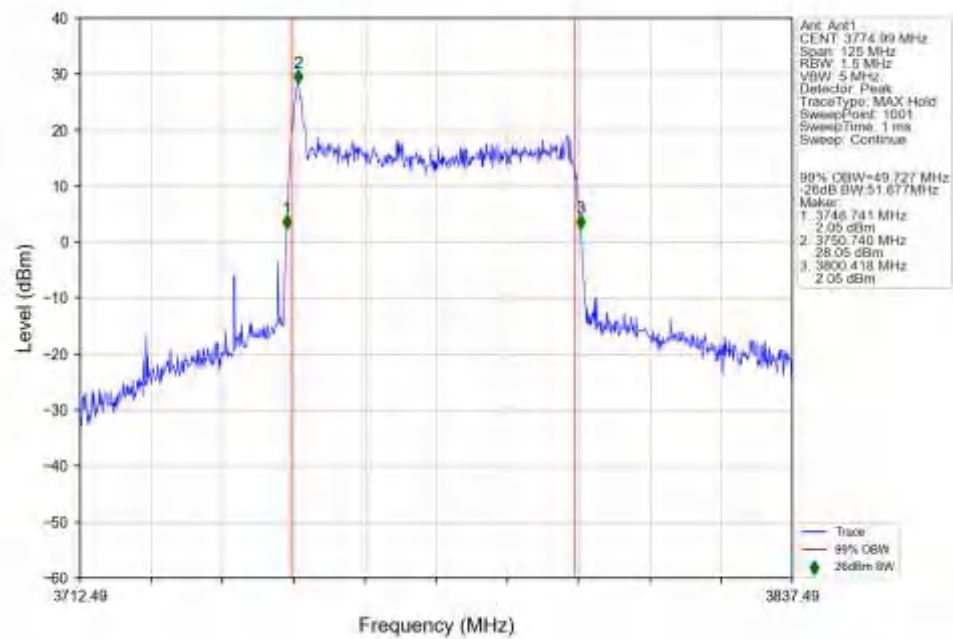
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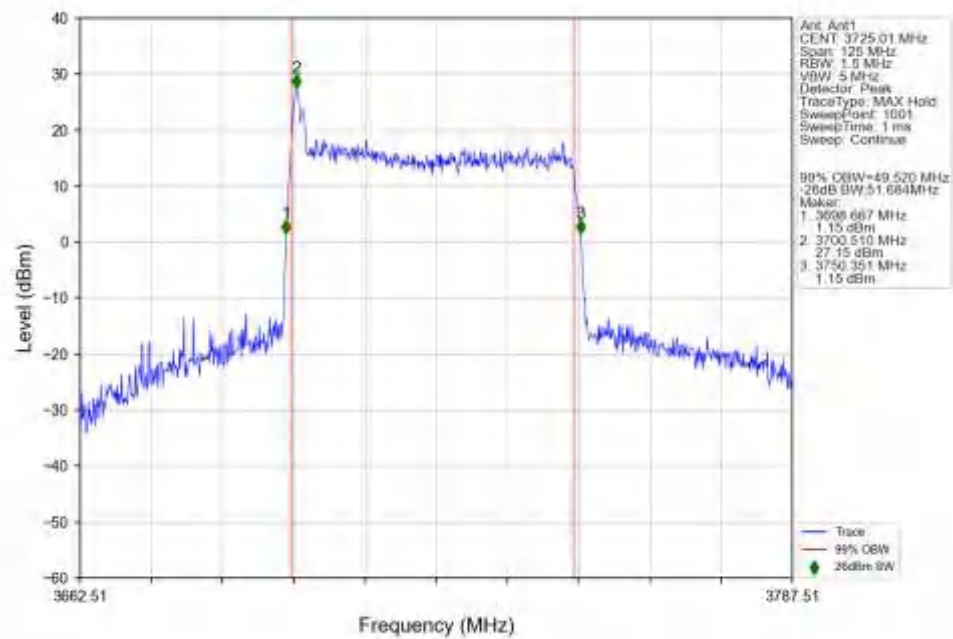
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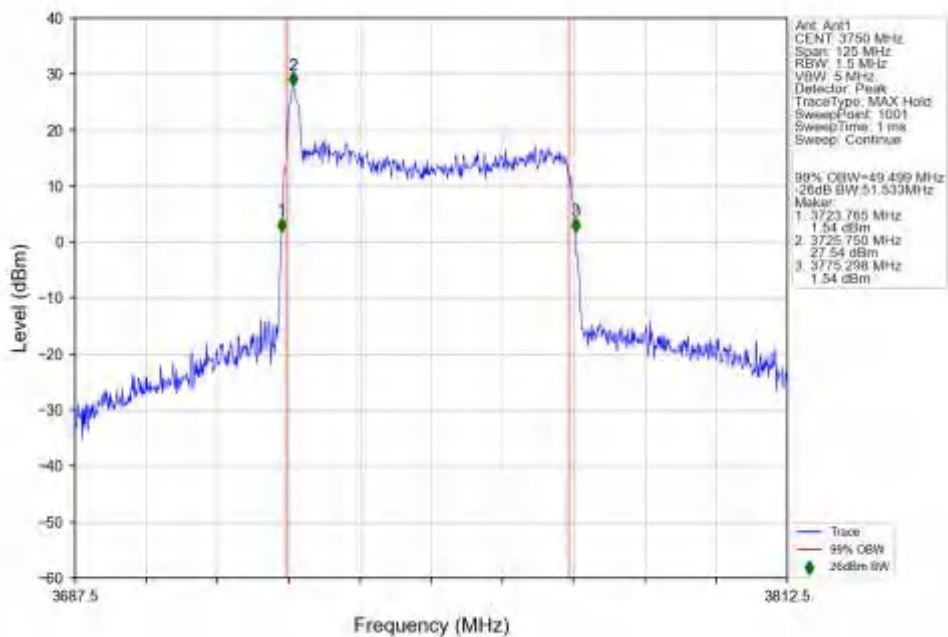
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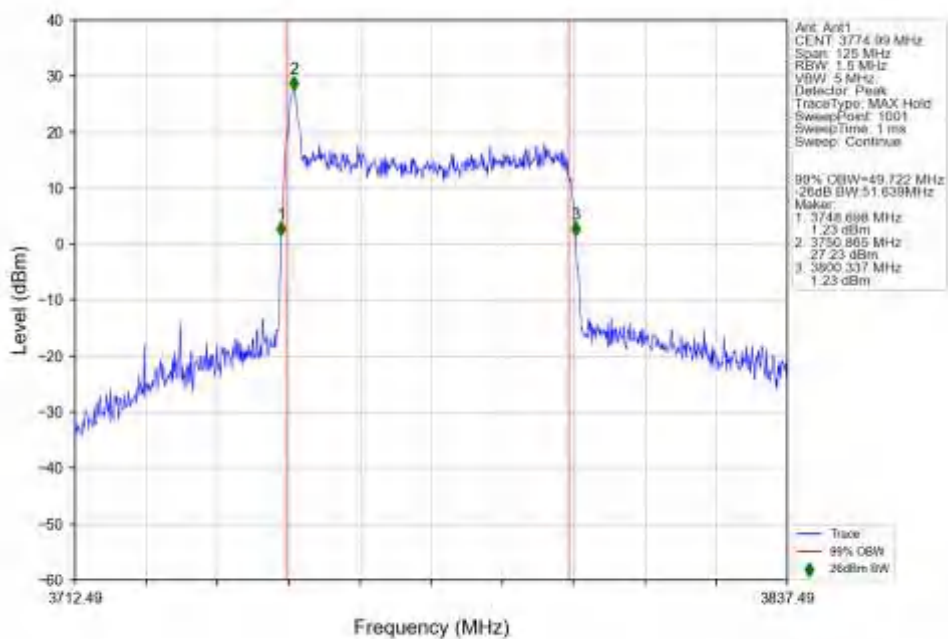
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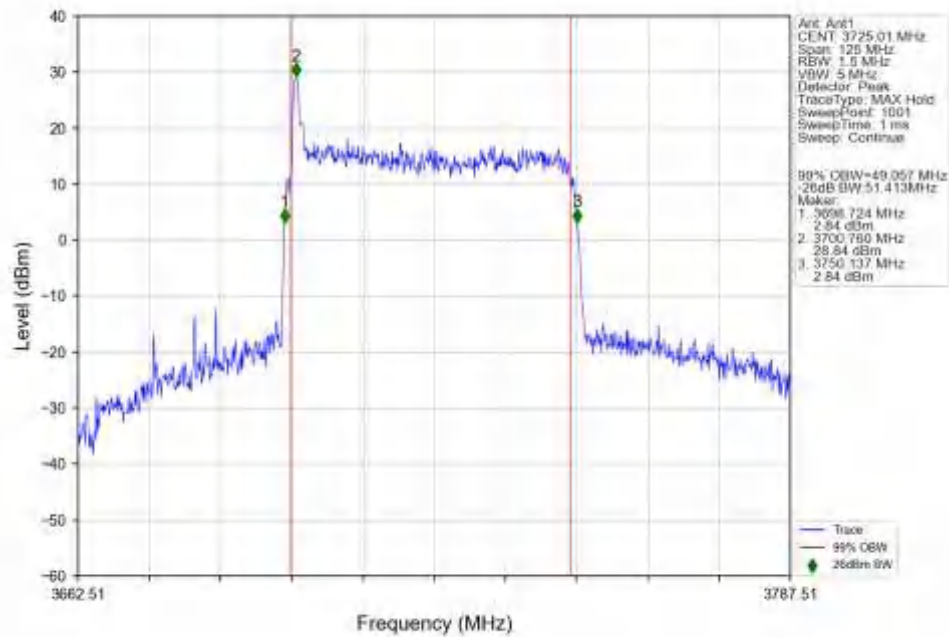
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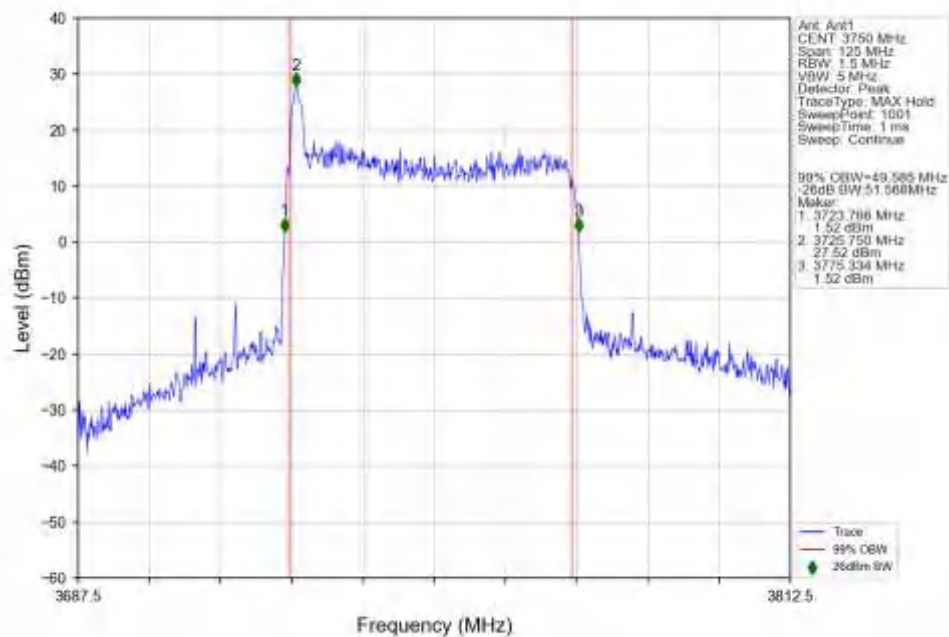
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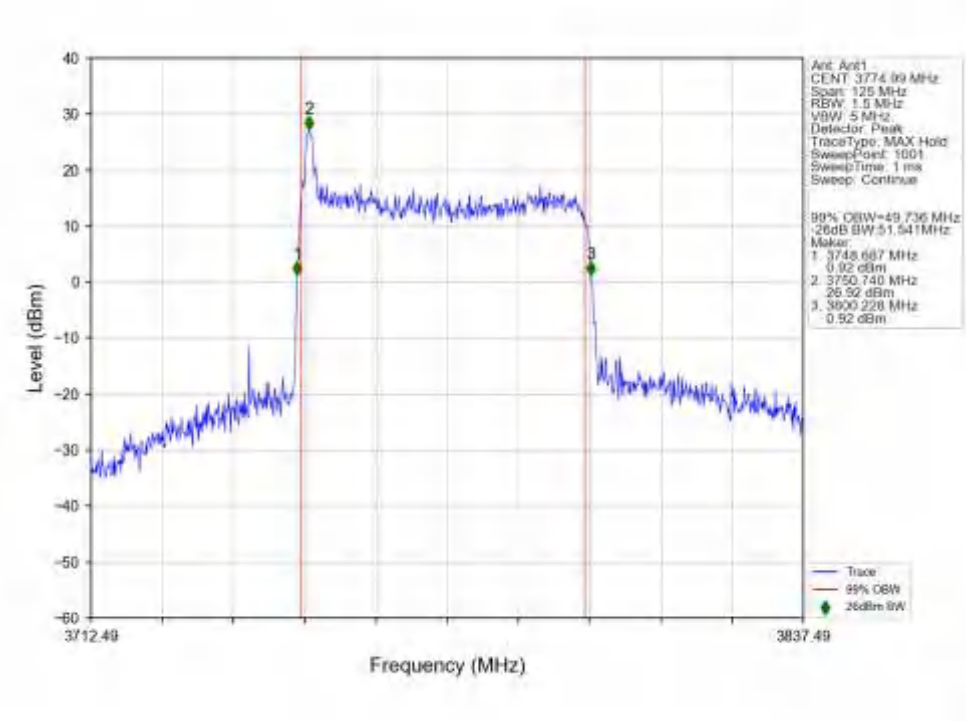
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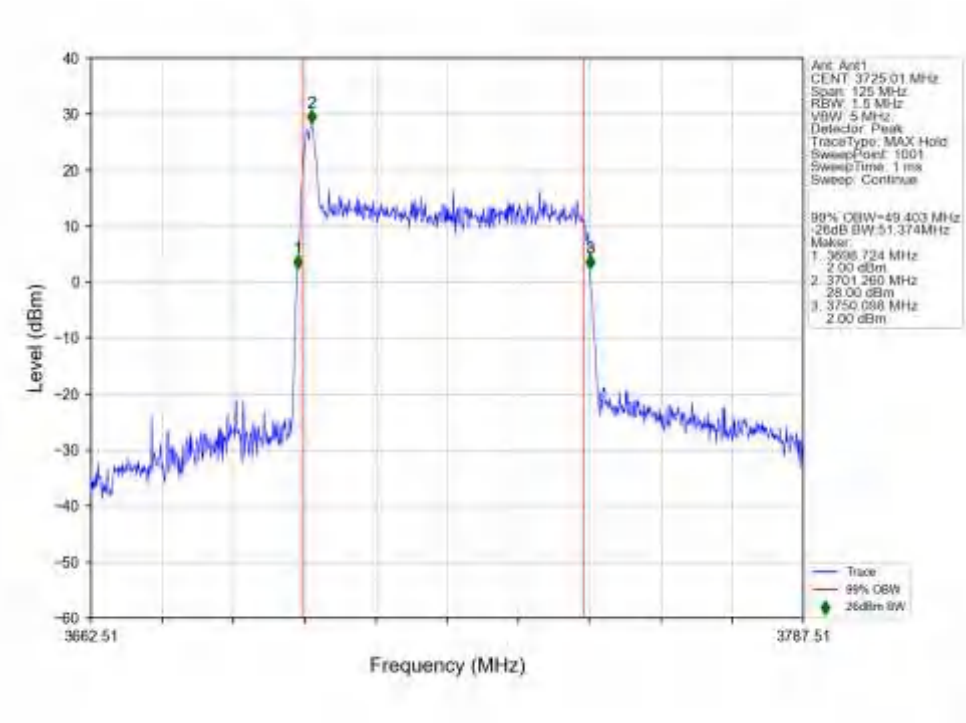
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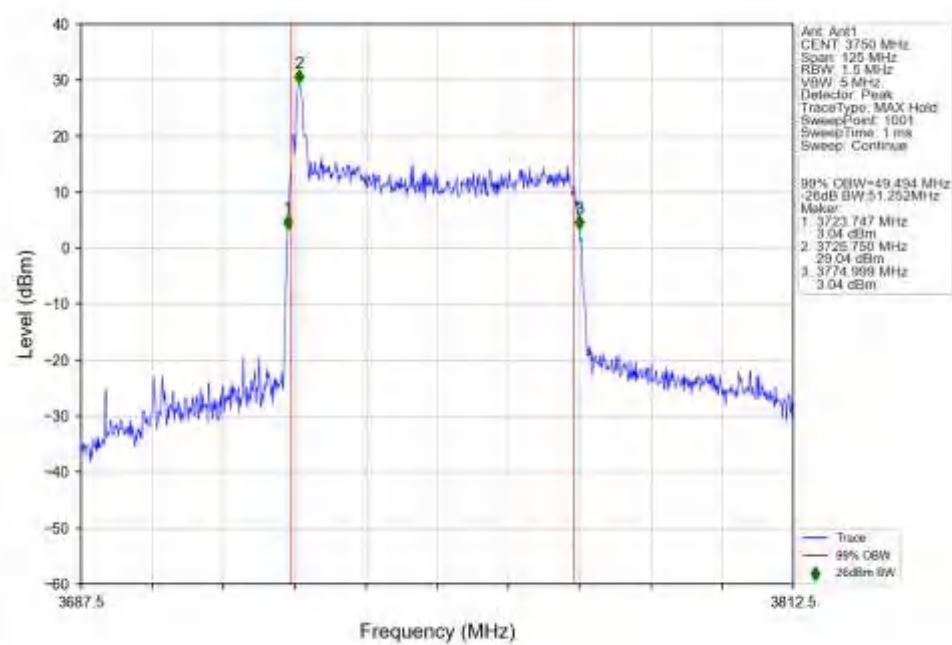
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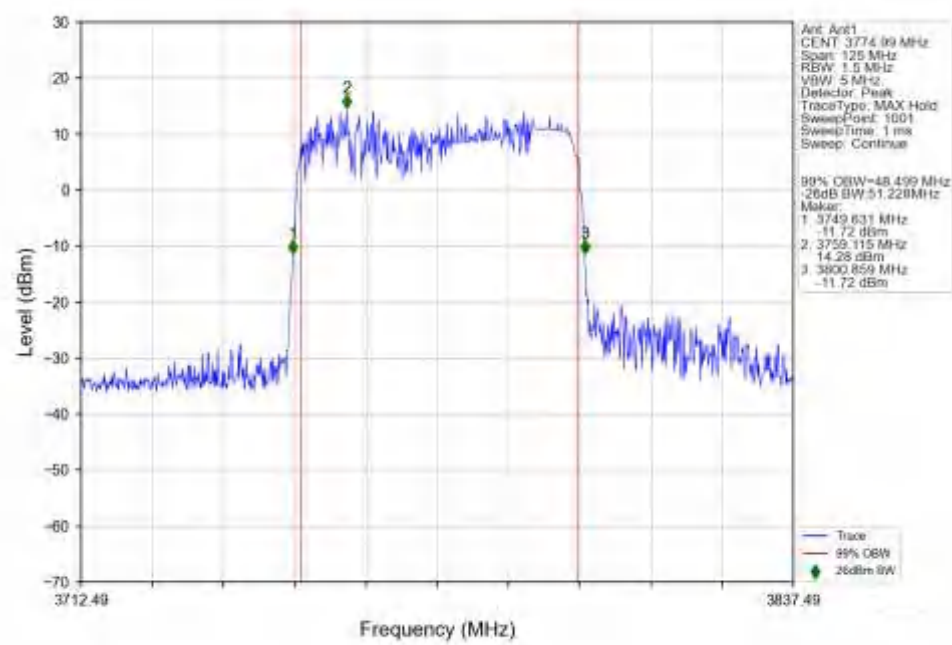
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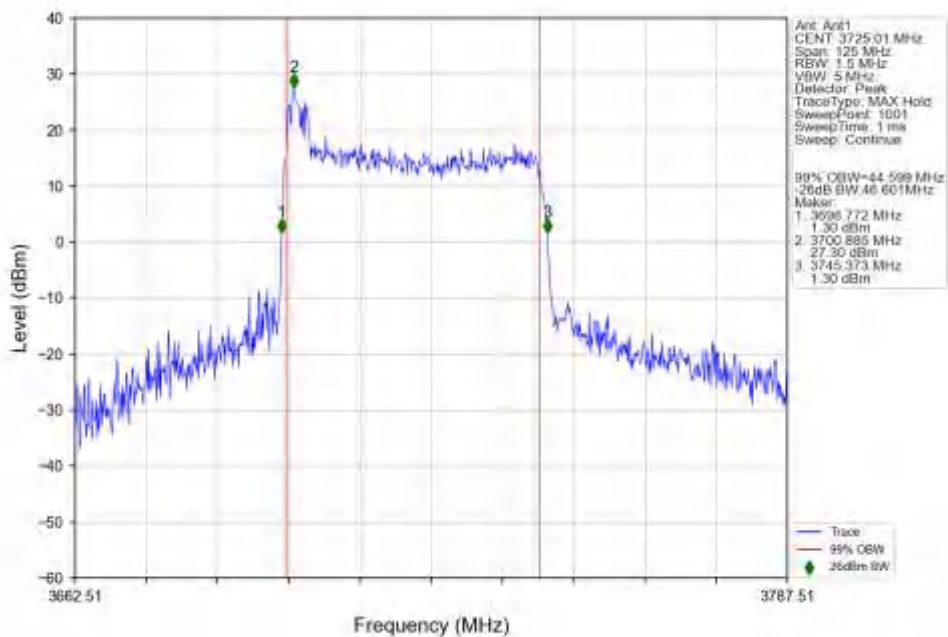
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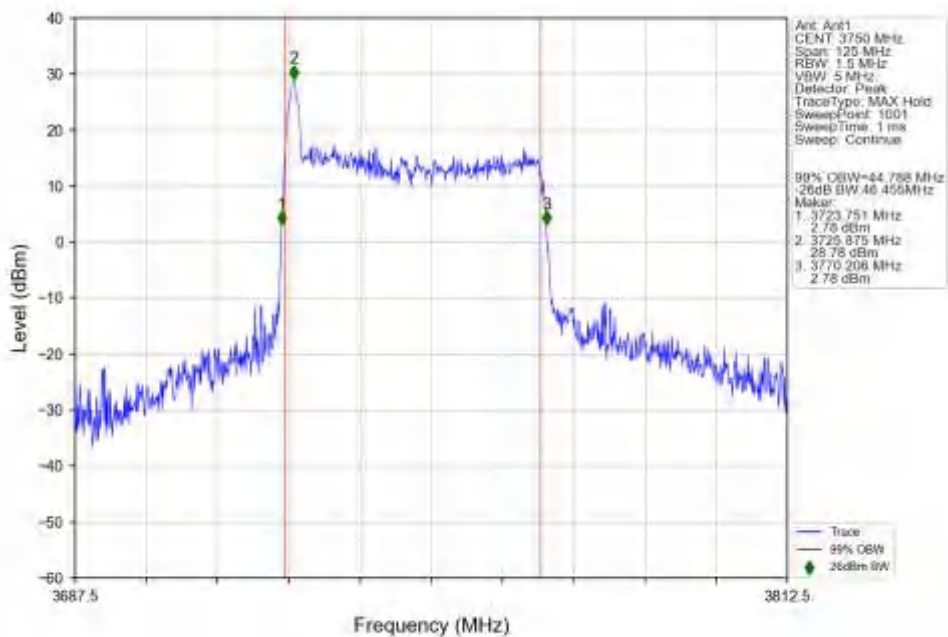
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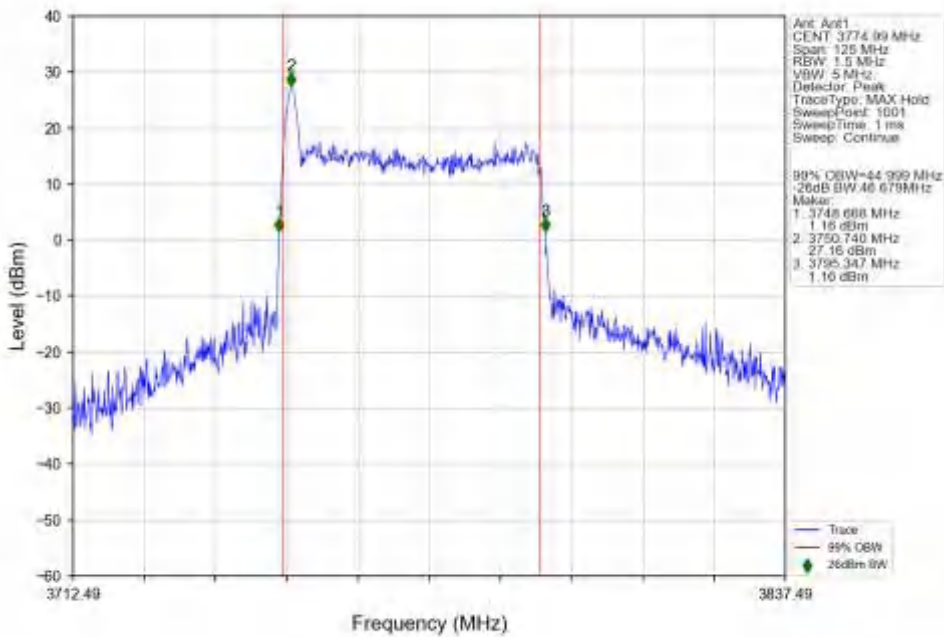
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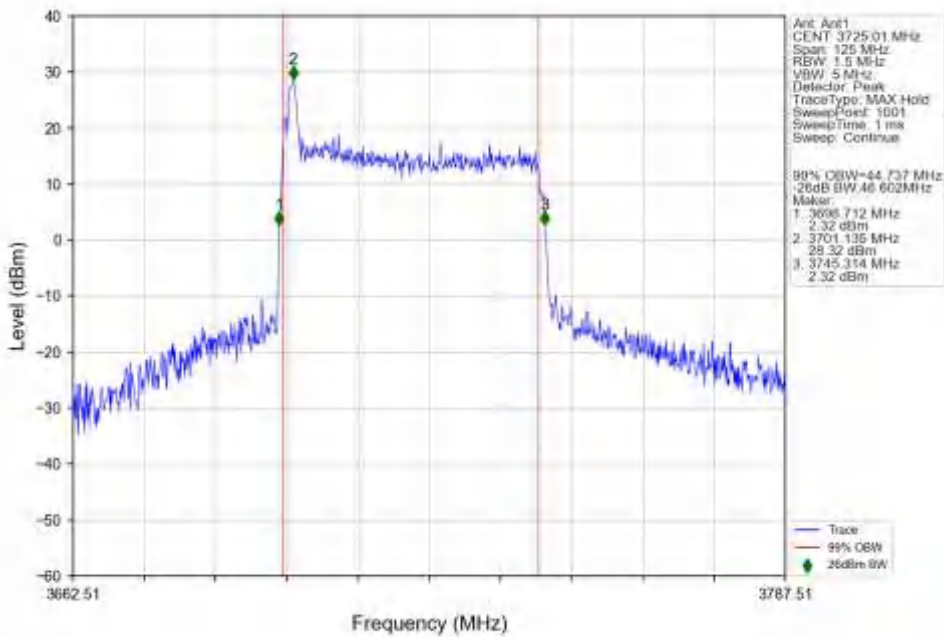
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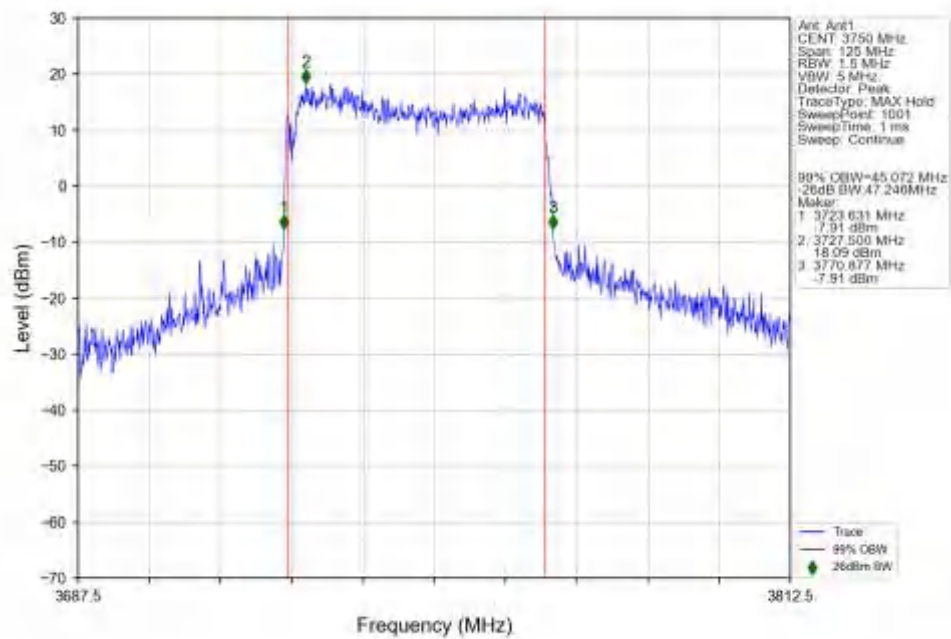
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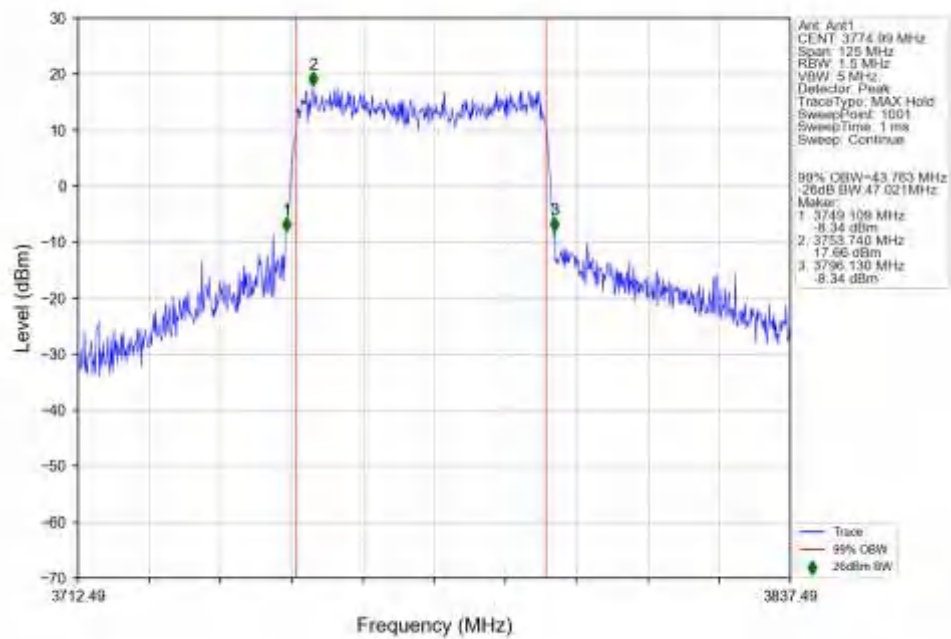
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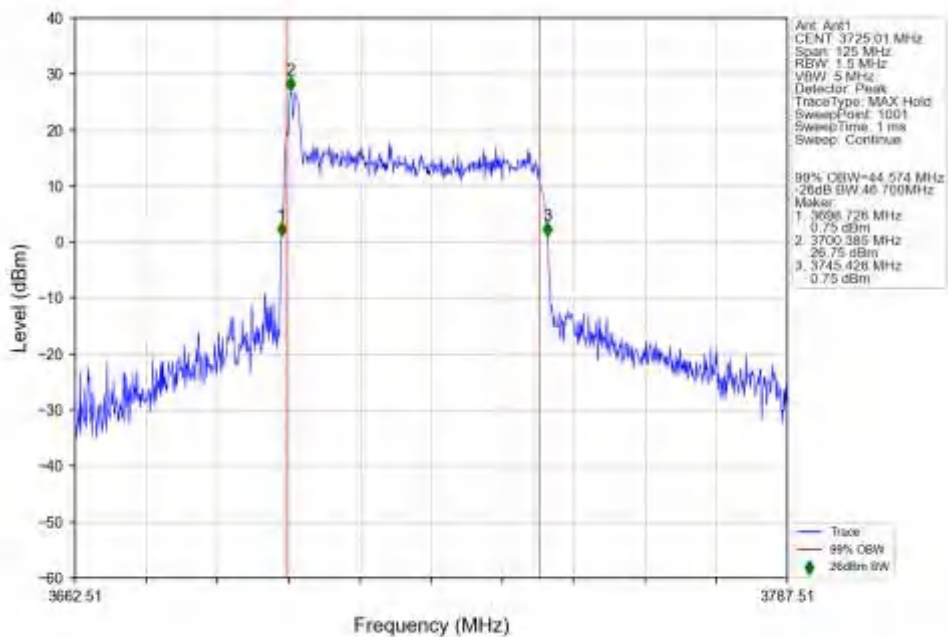
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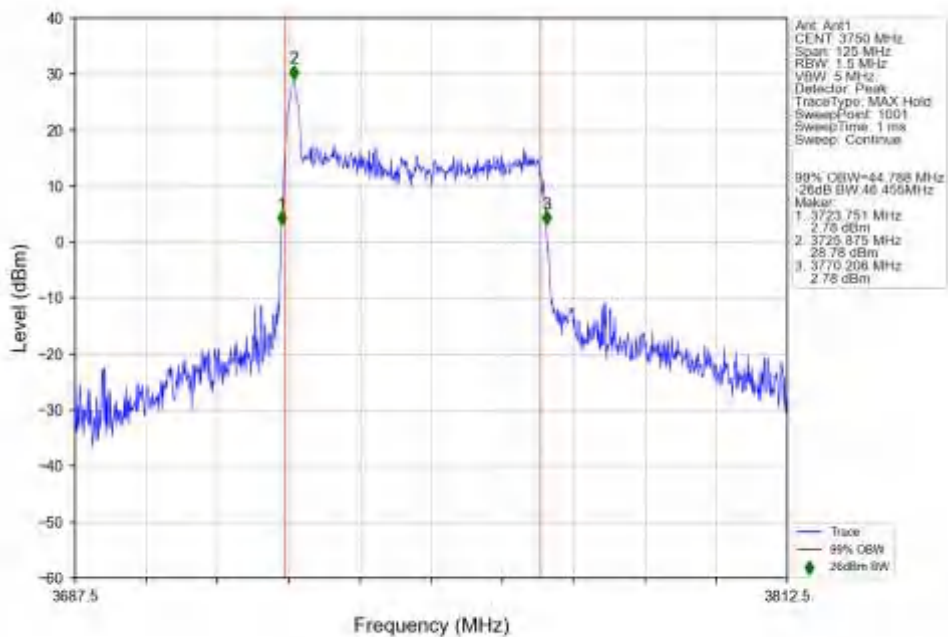
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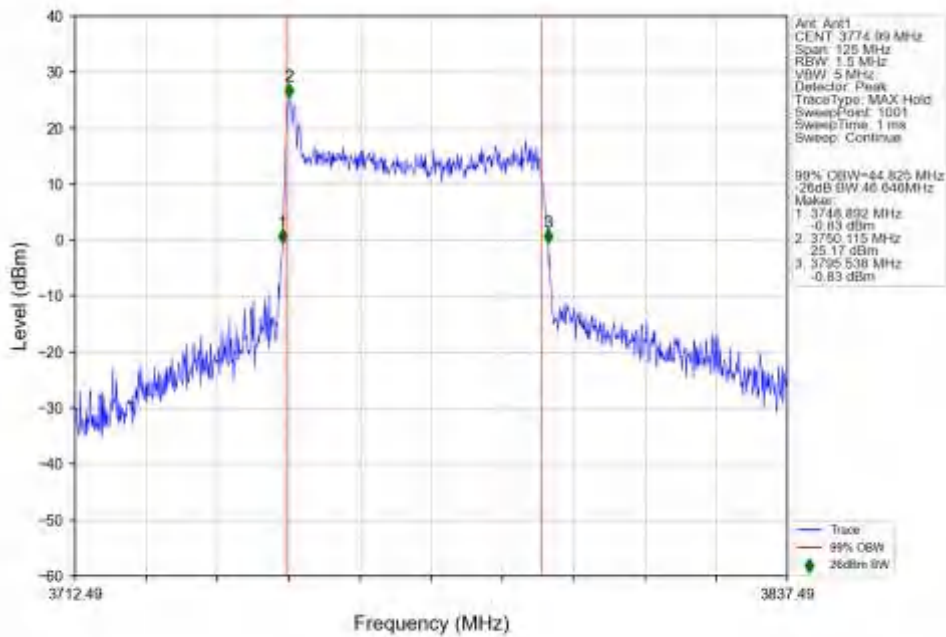
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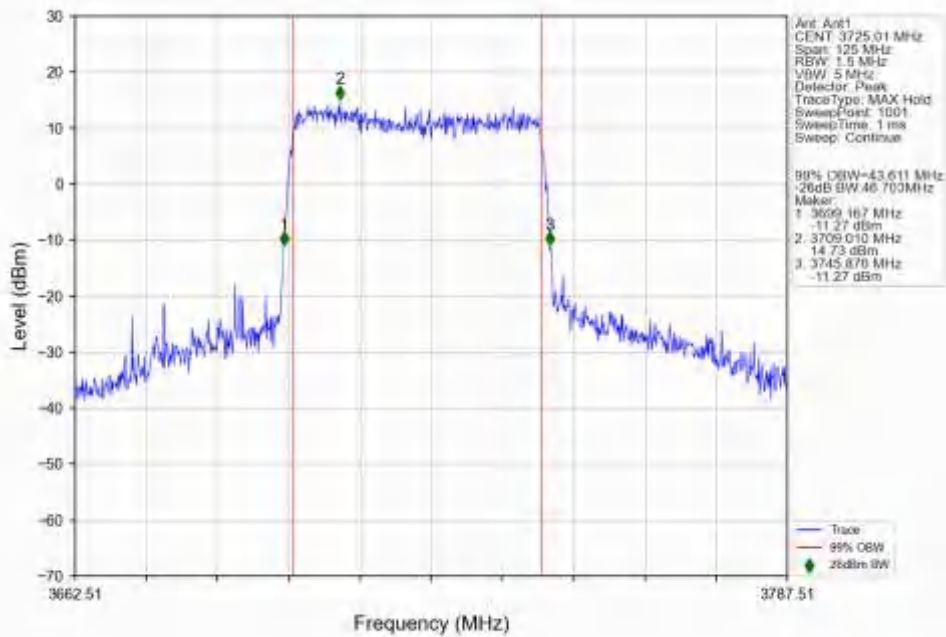
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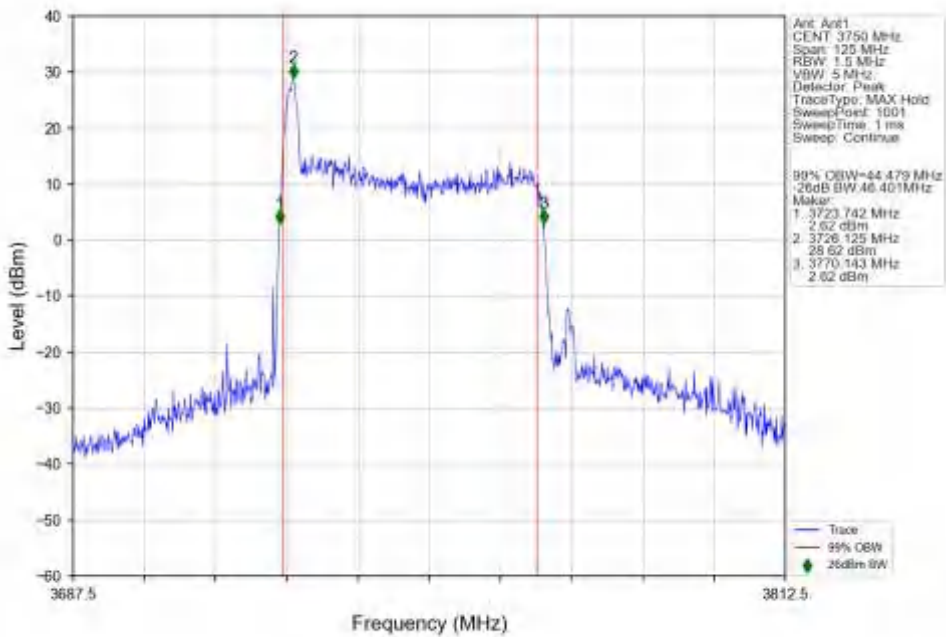
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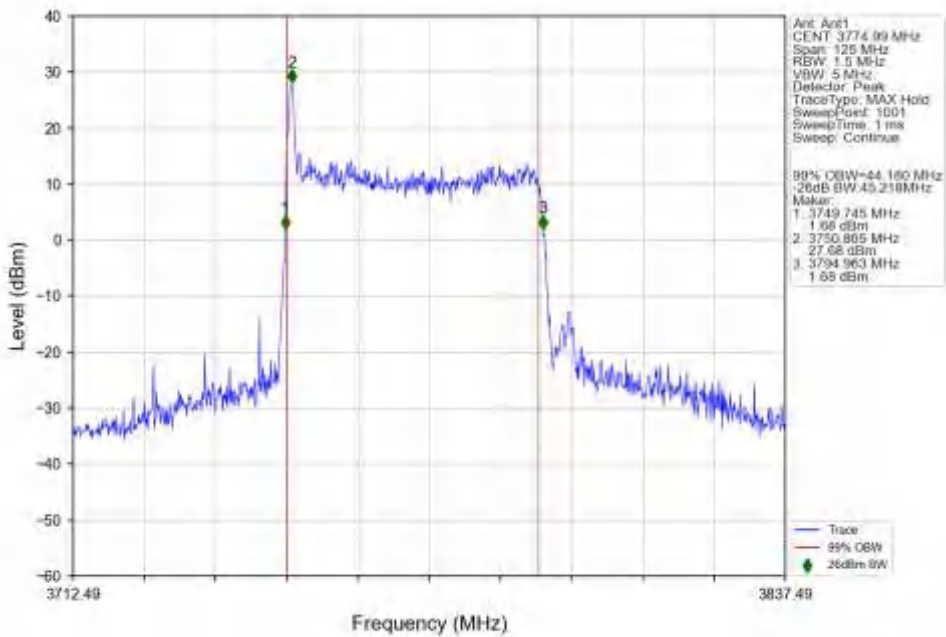
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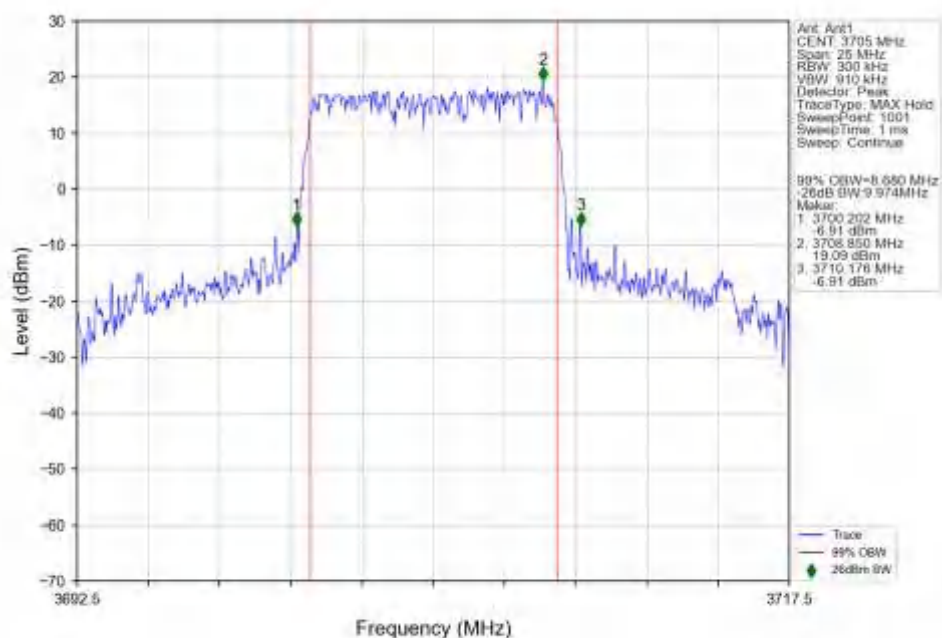


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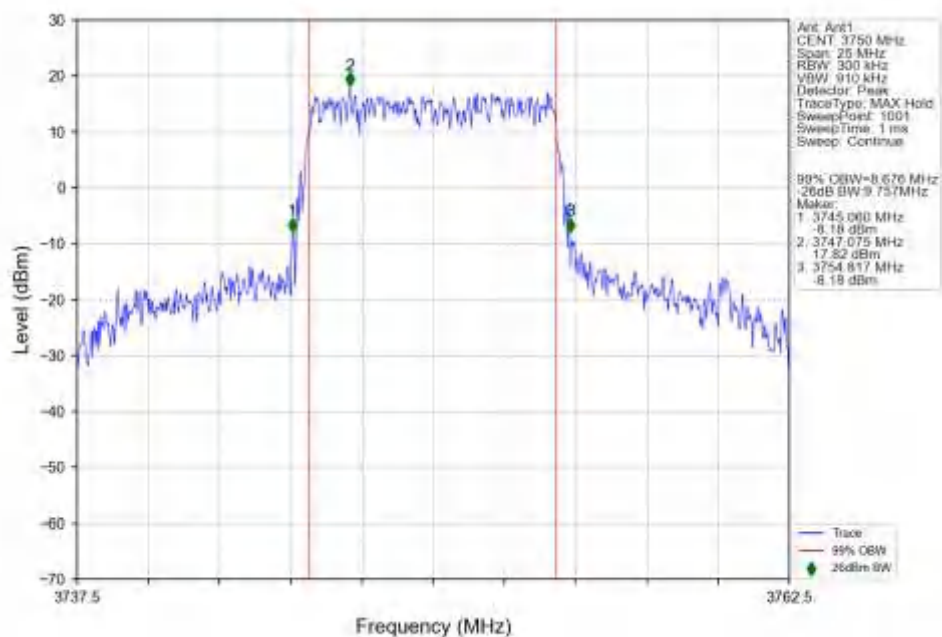


4.2.8 30k_SISO_10MHz_NTNV

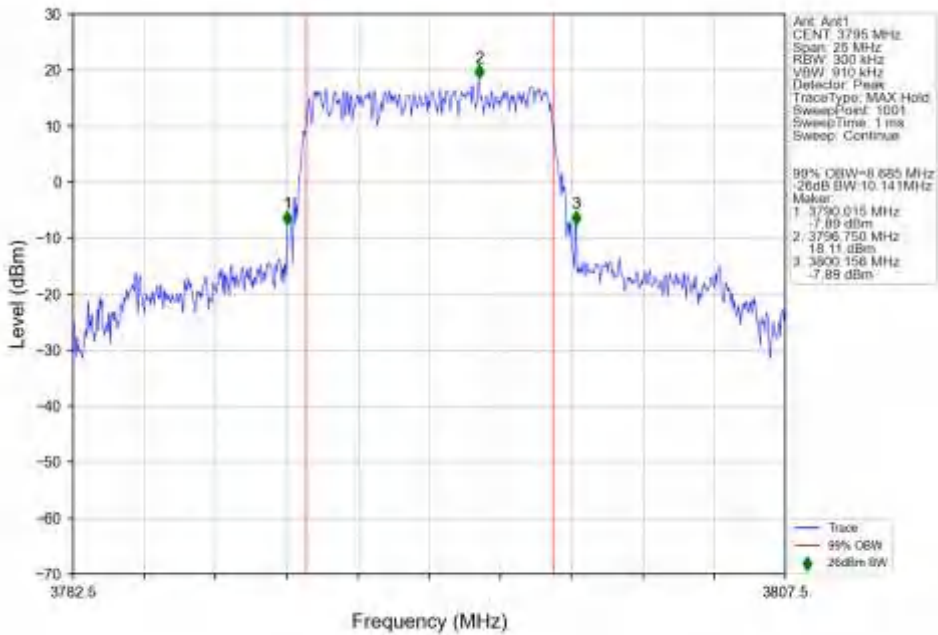
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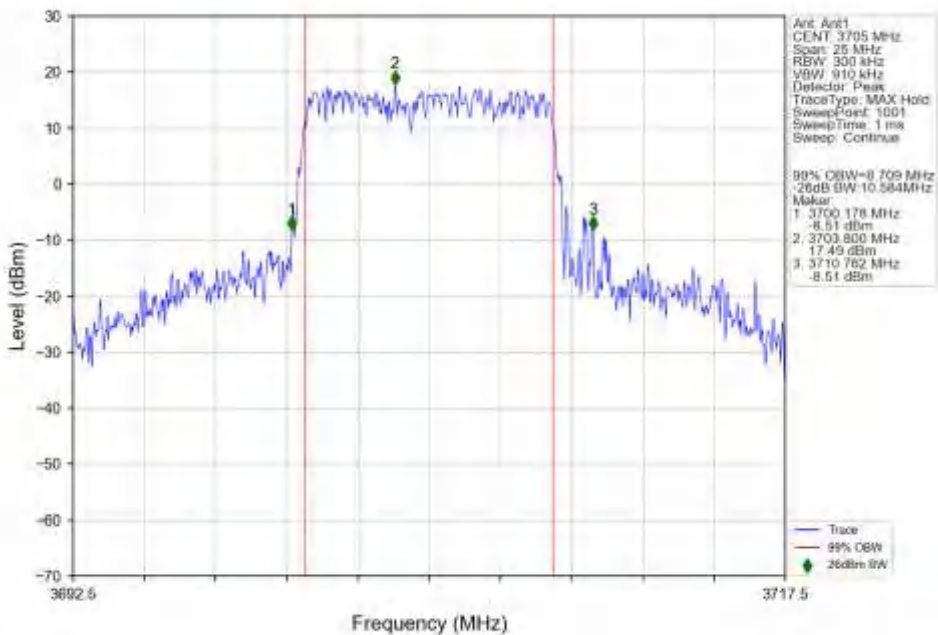
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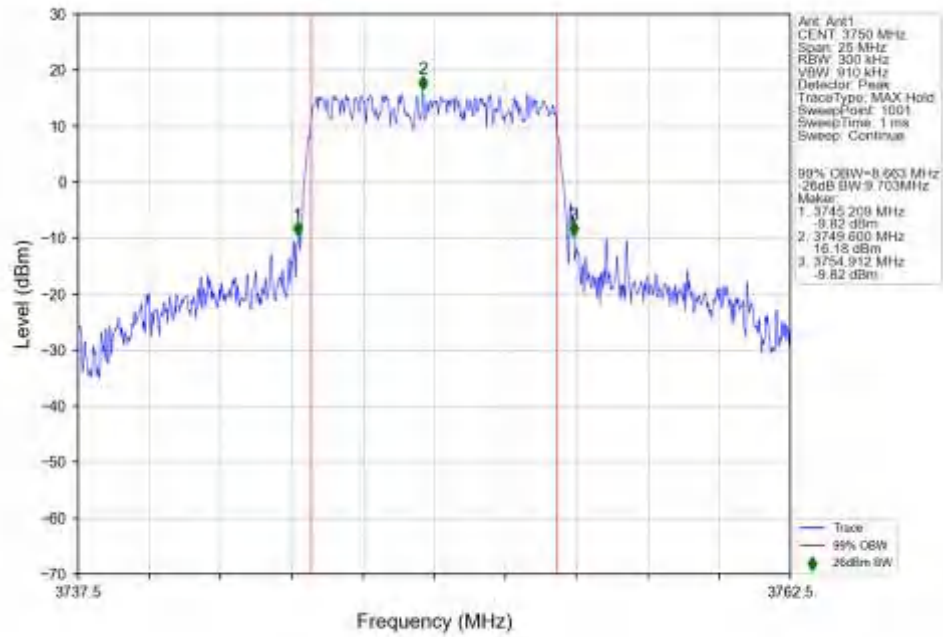
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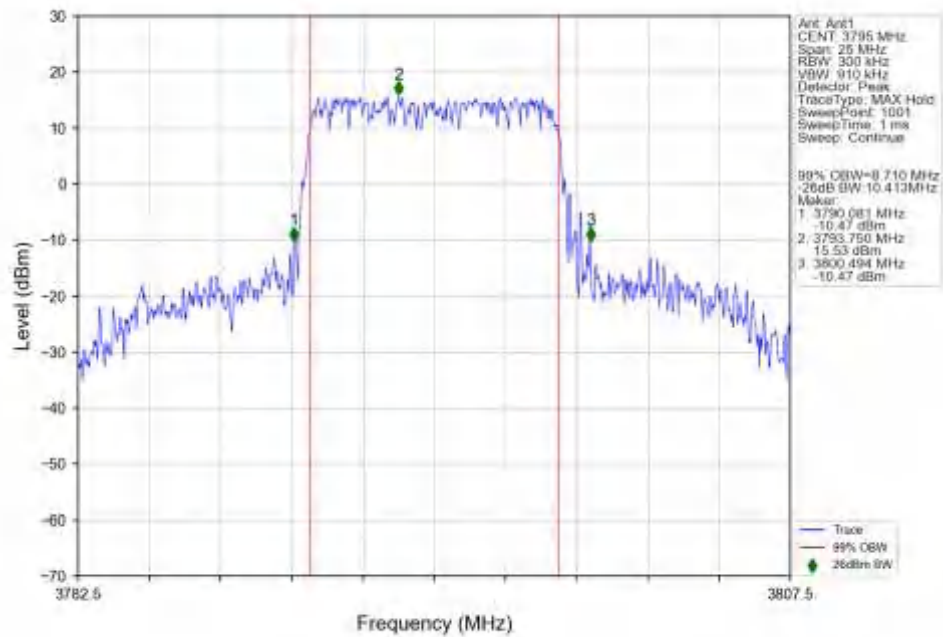
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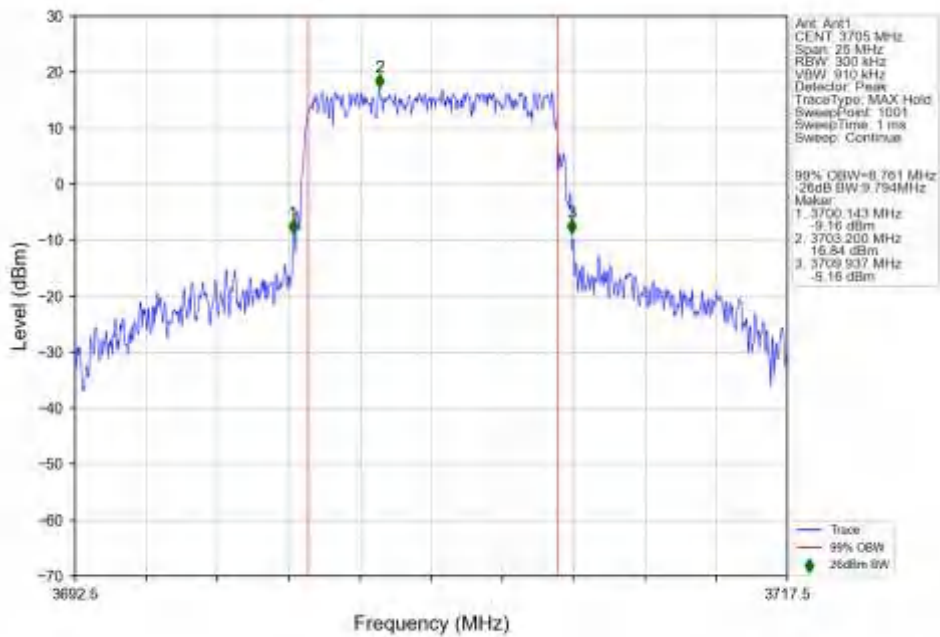
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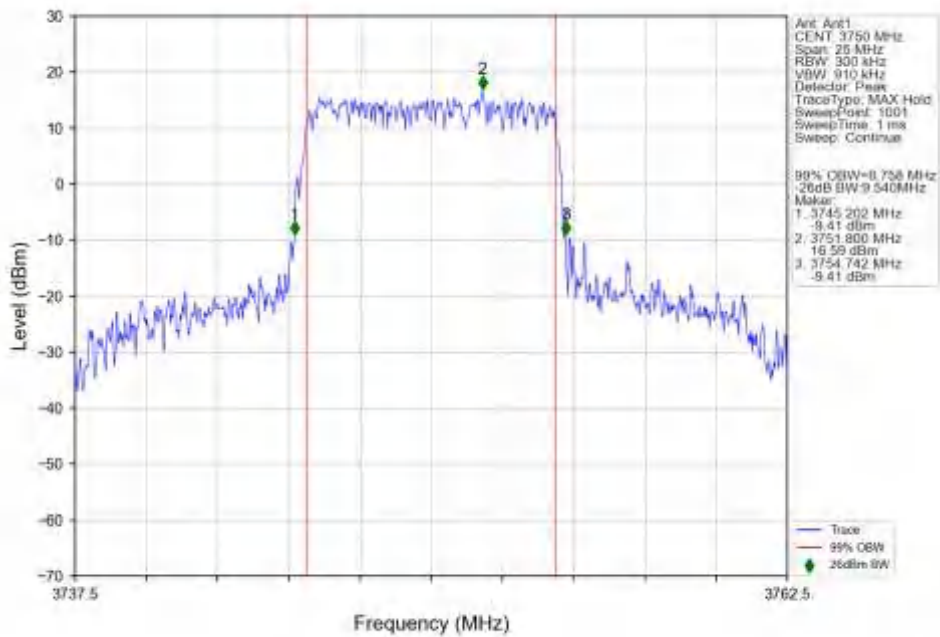
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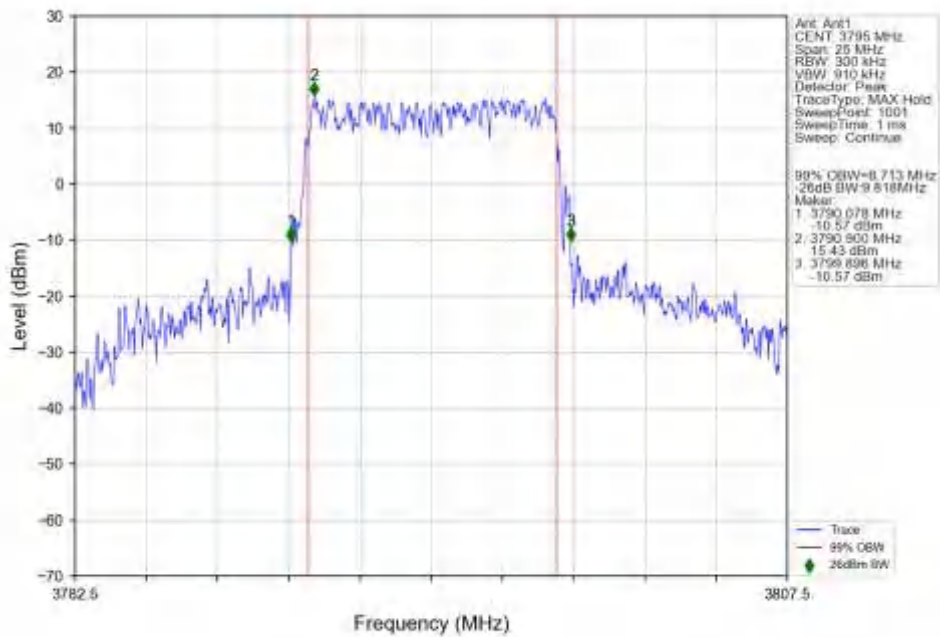
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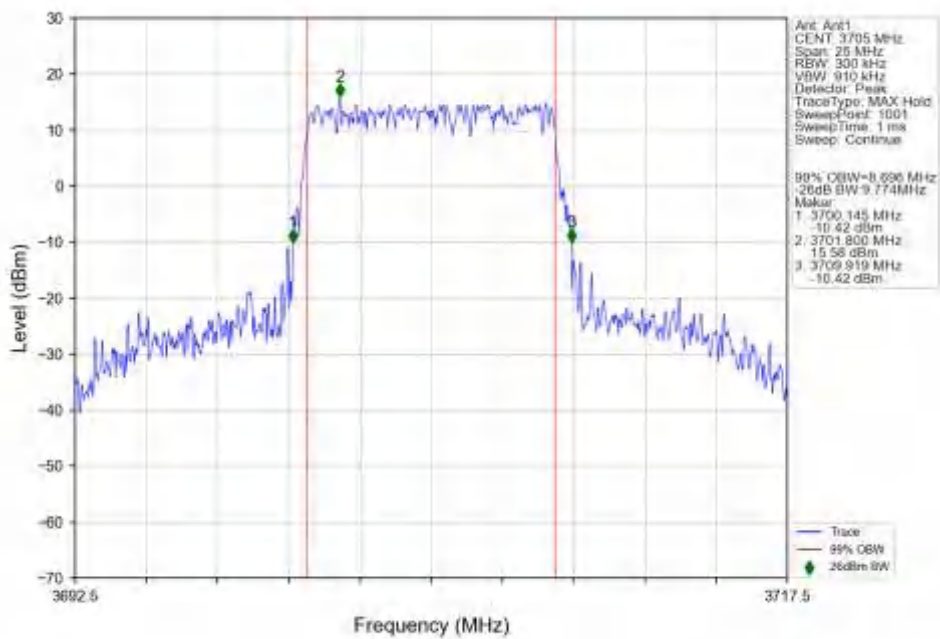
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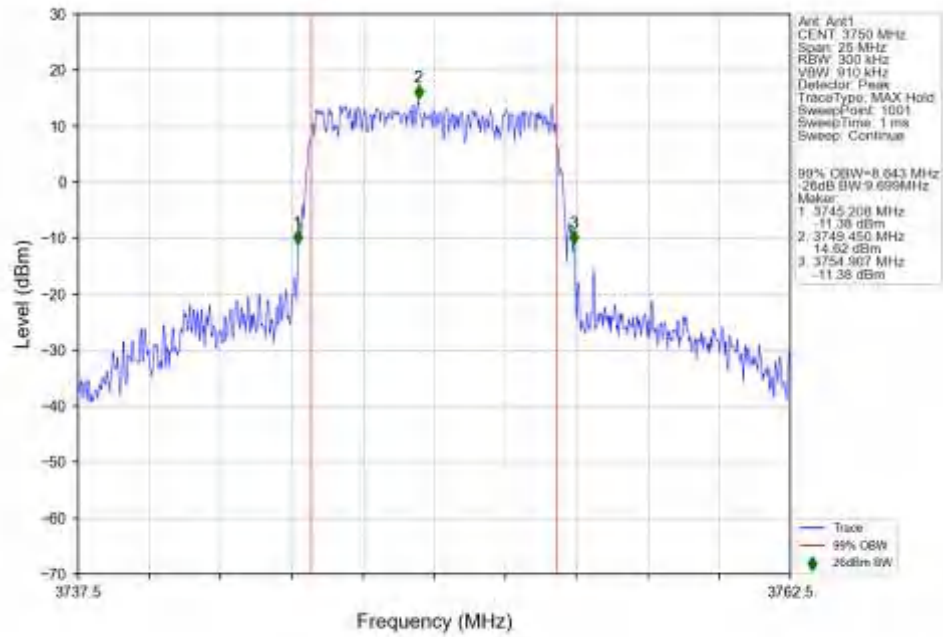
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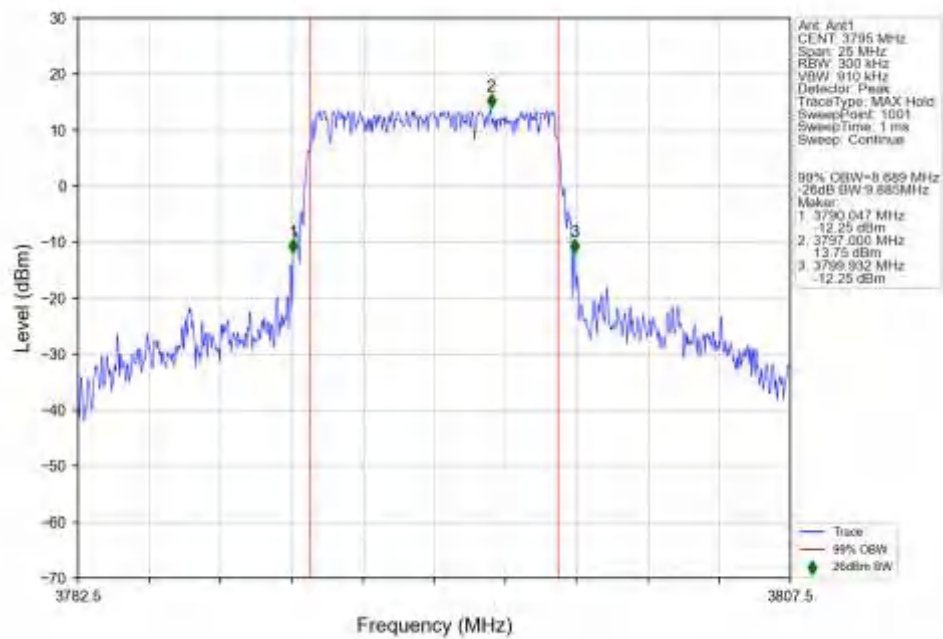
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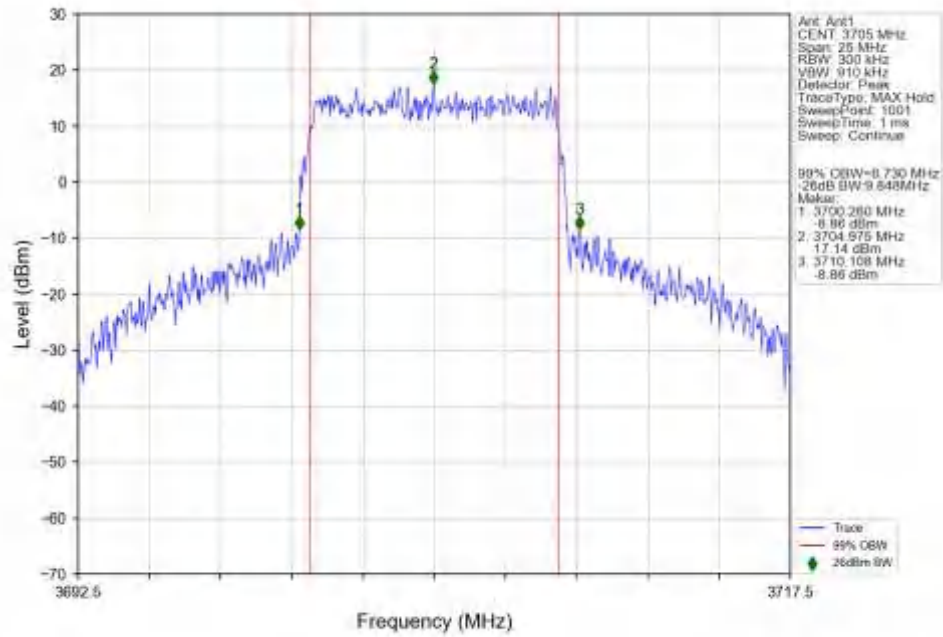
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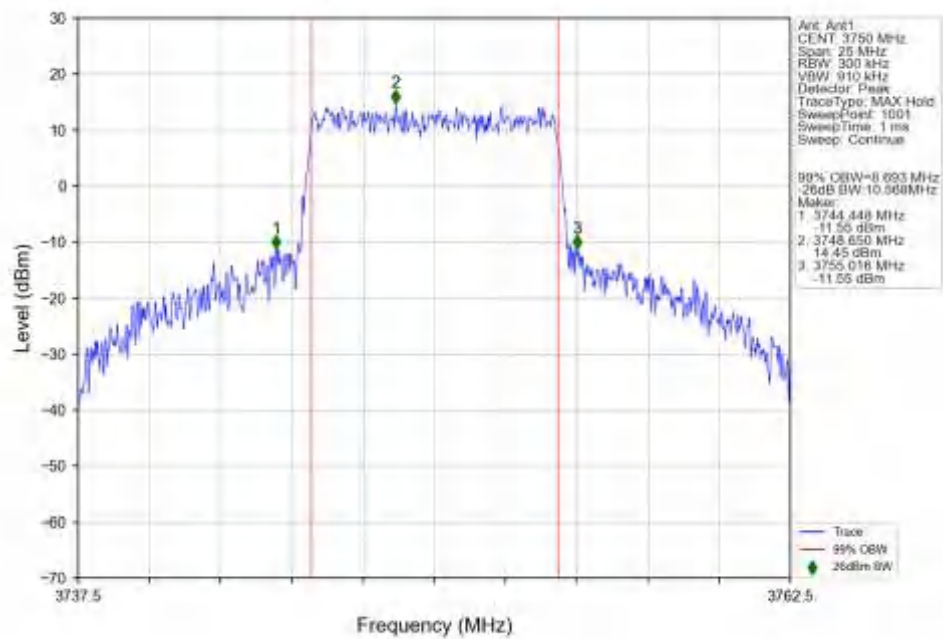
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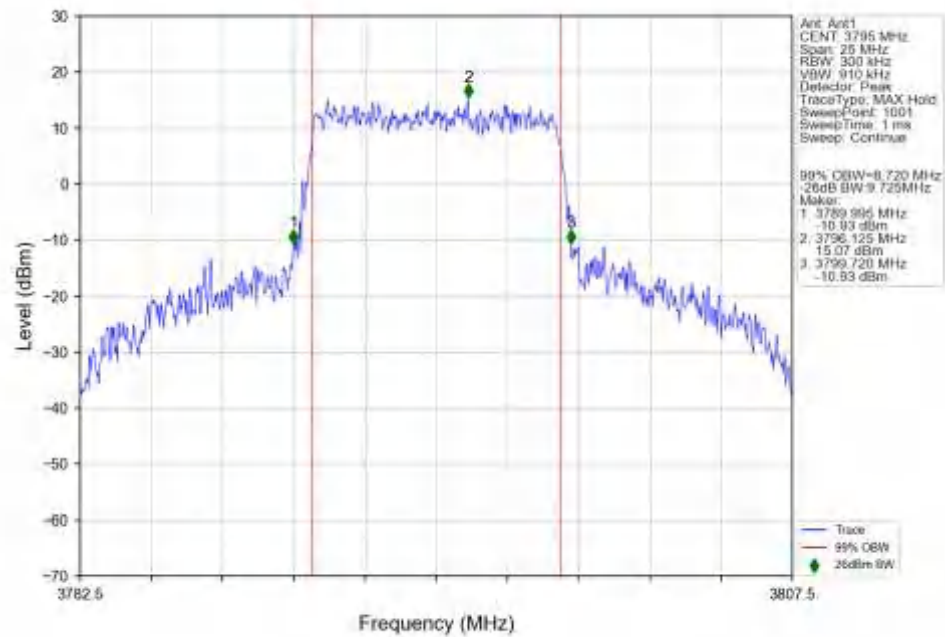
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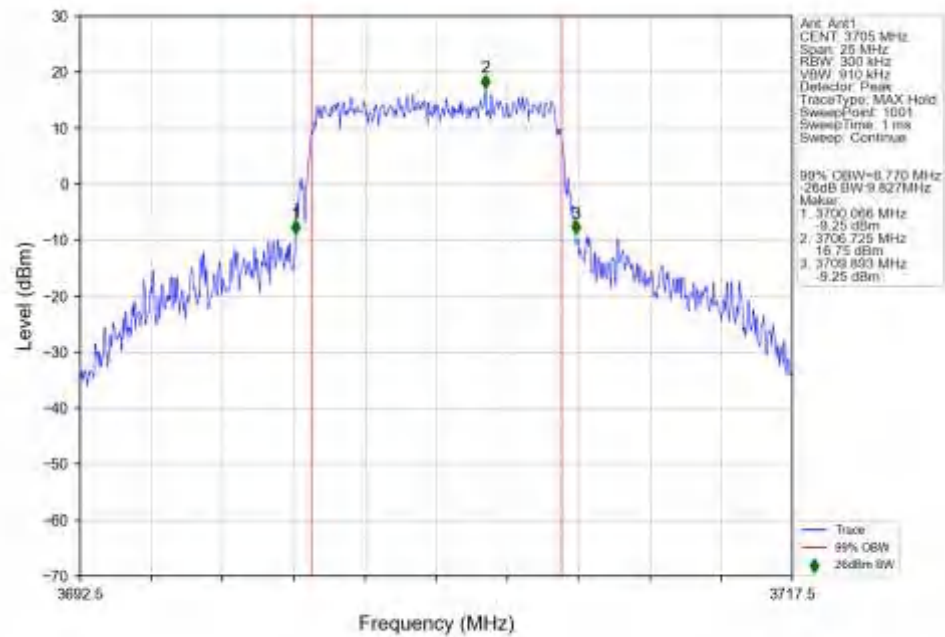
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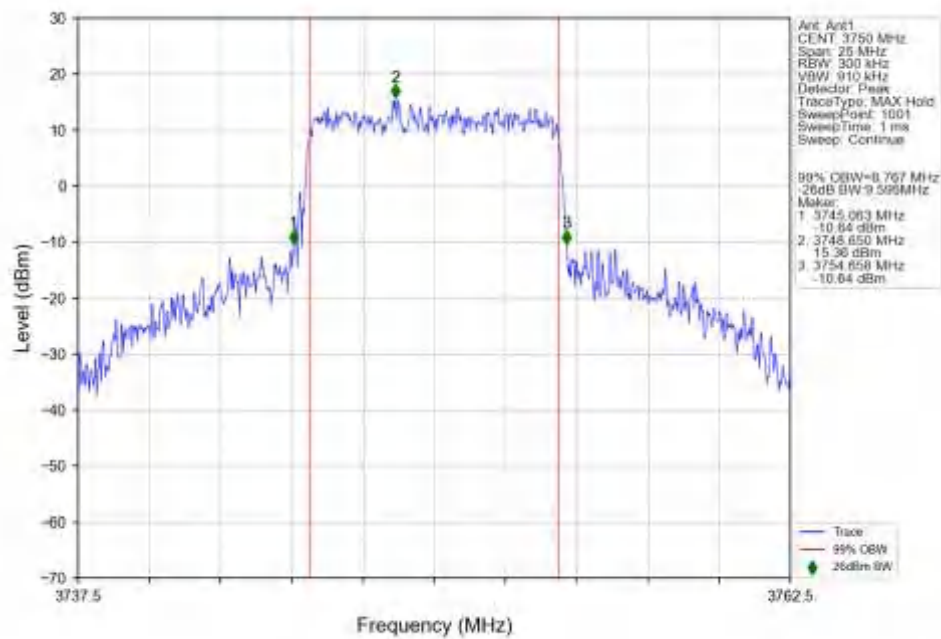
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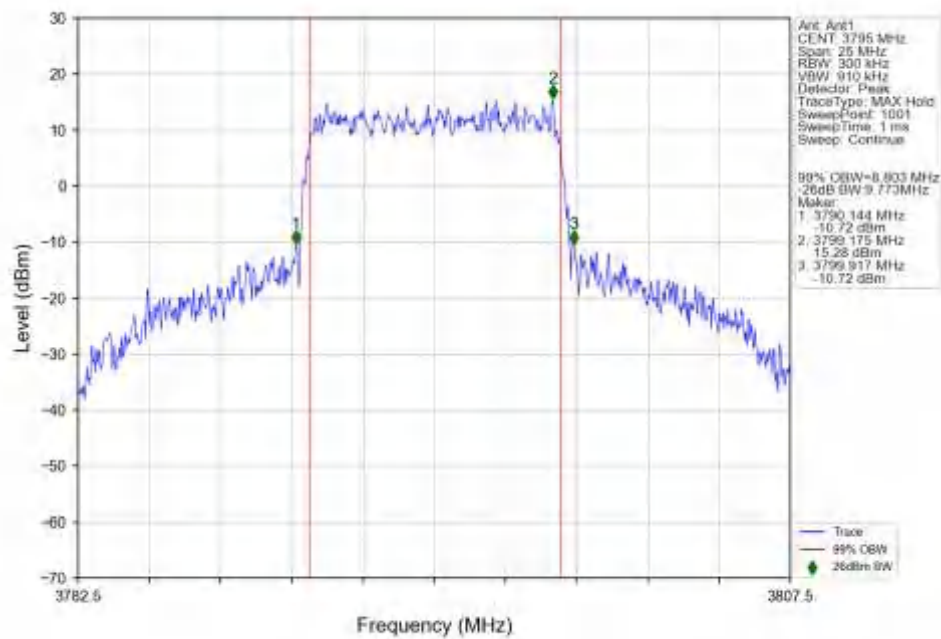
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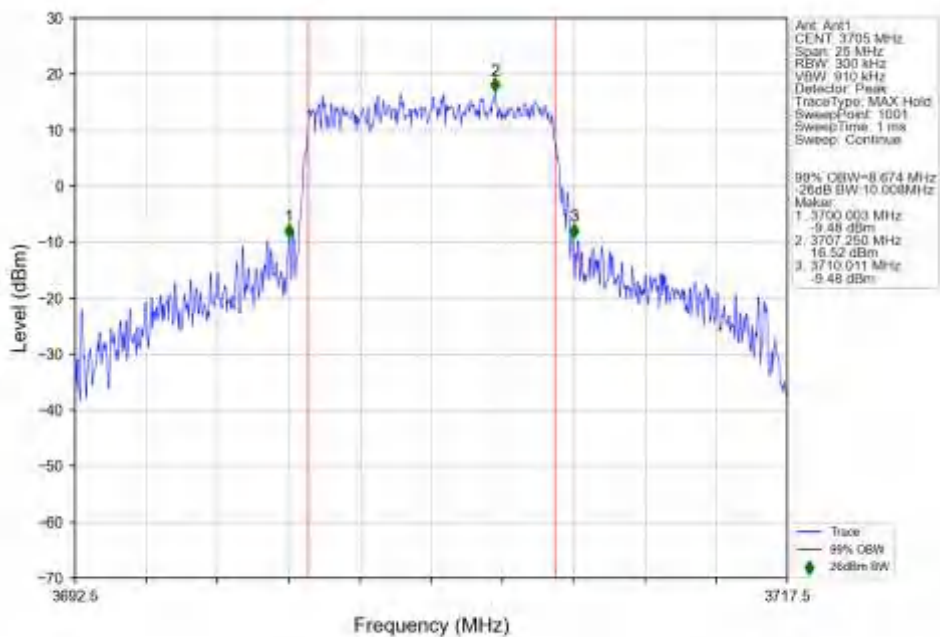
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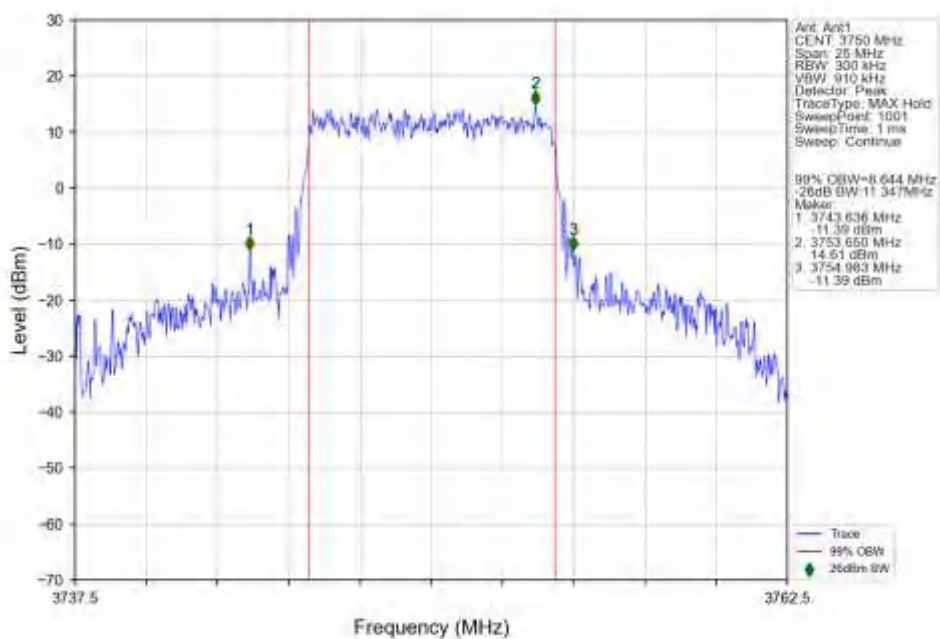
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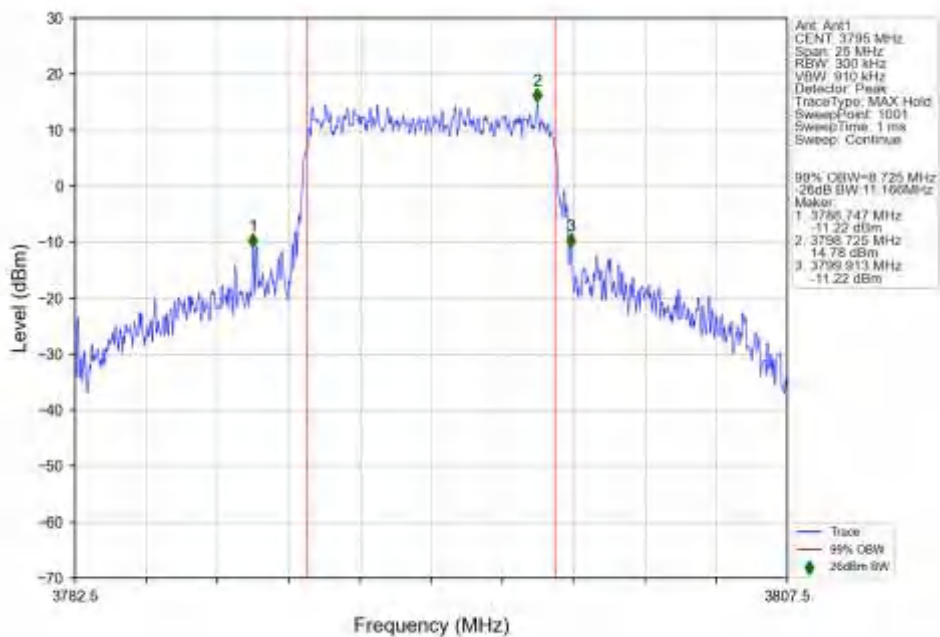
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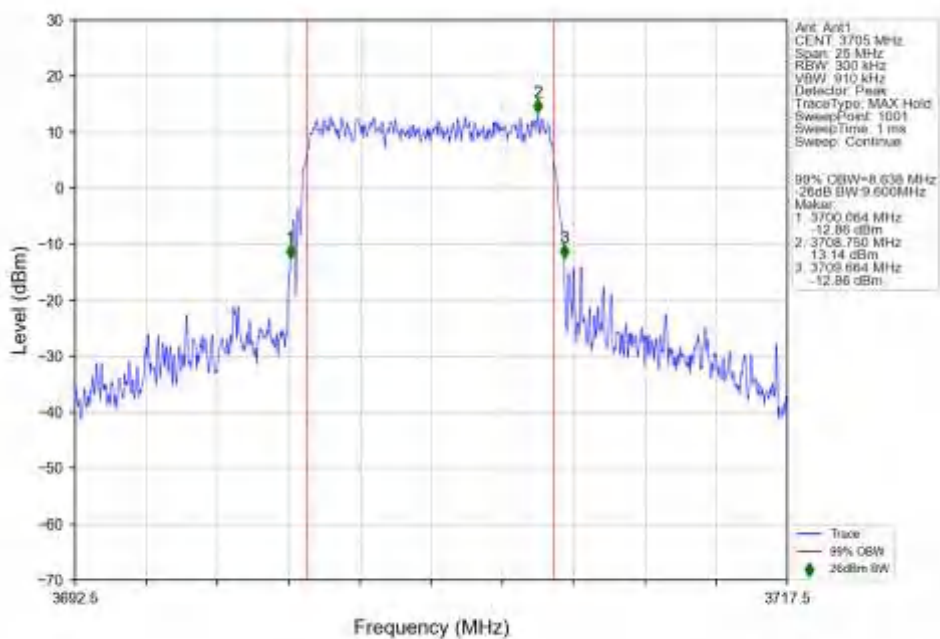
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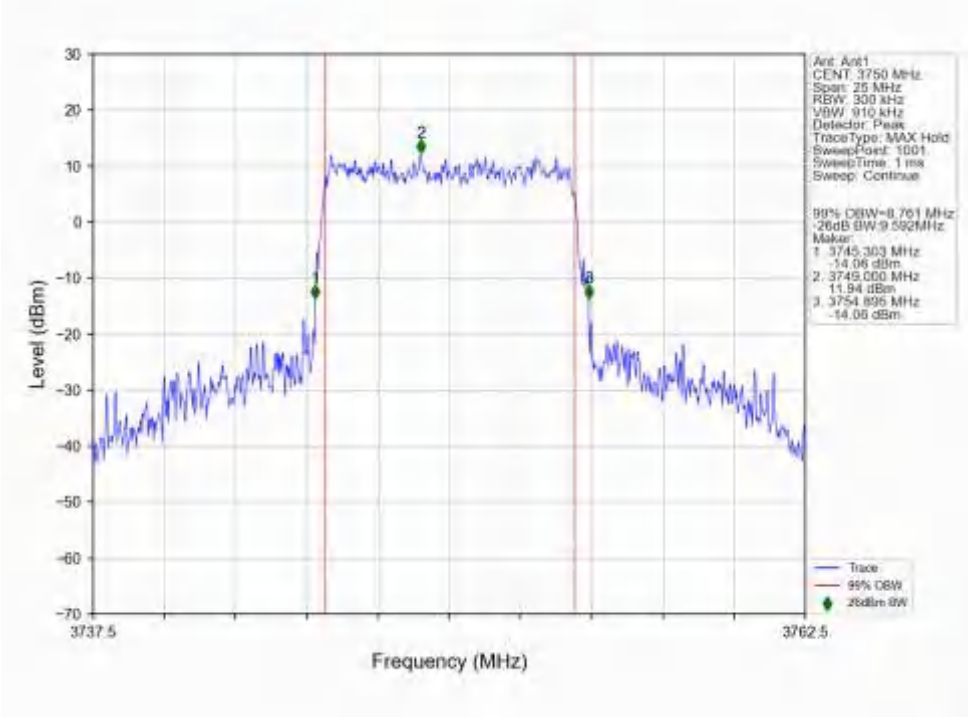
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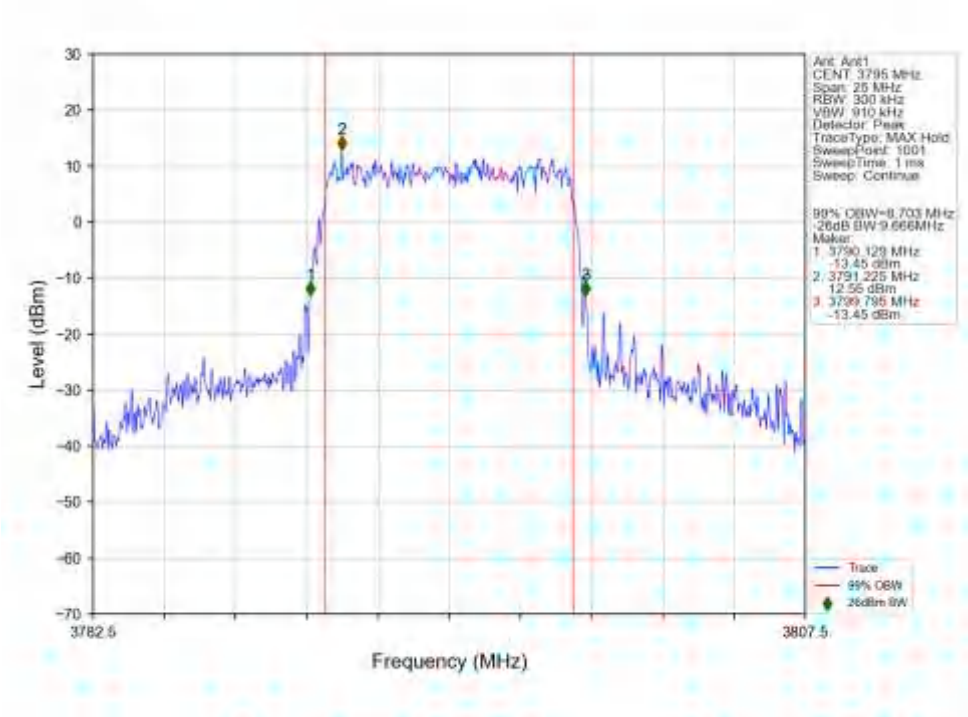
n78a 30kHz SISO NTN 10MHz CP-OFDM 256 QAM 3705MHz Outer_Full Ant1



n78a_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant1

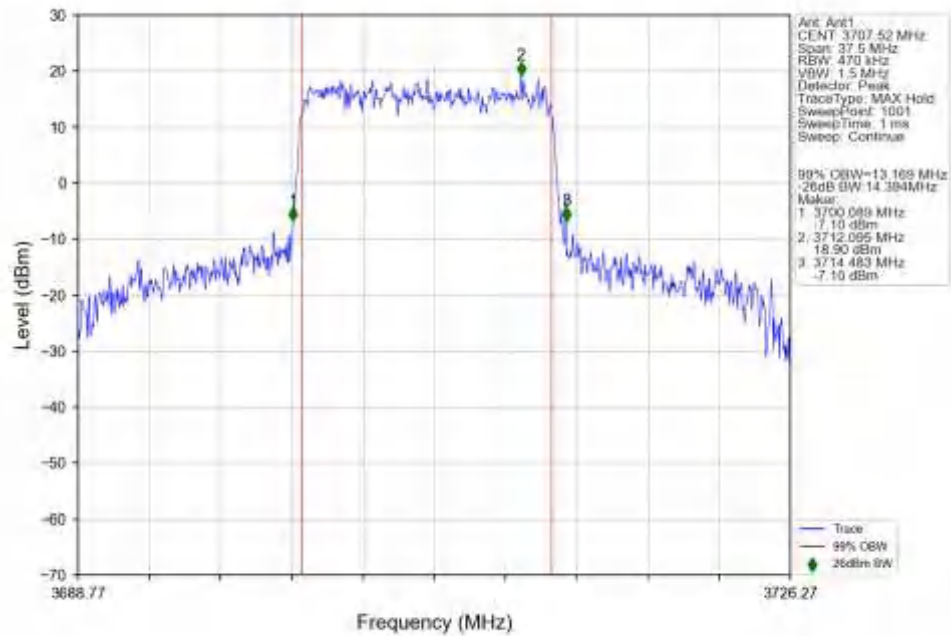


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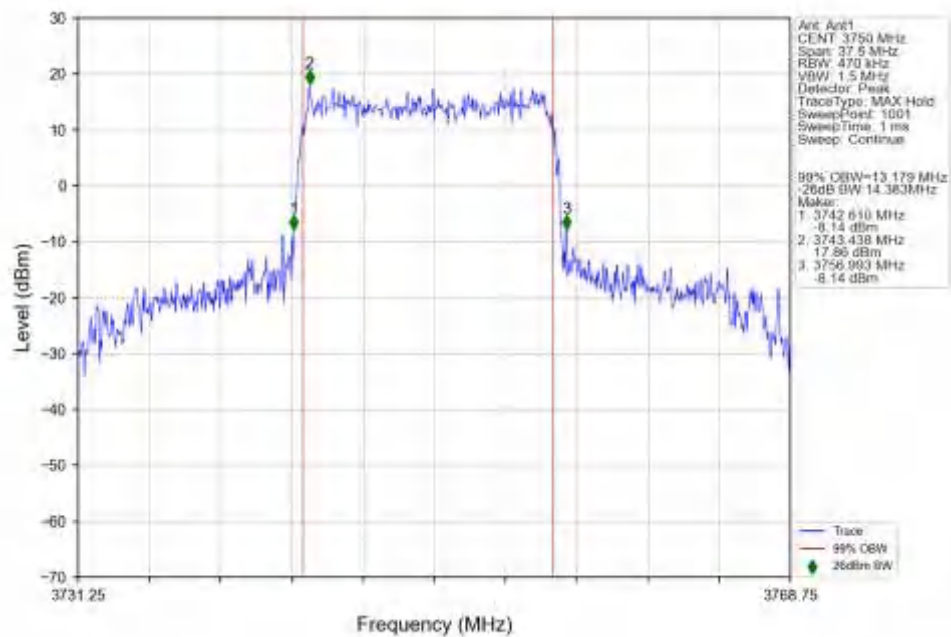


4.2.9 30k_SISO_15MHz_NTNV

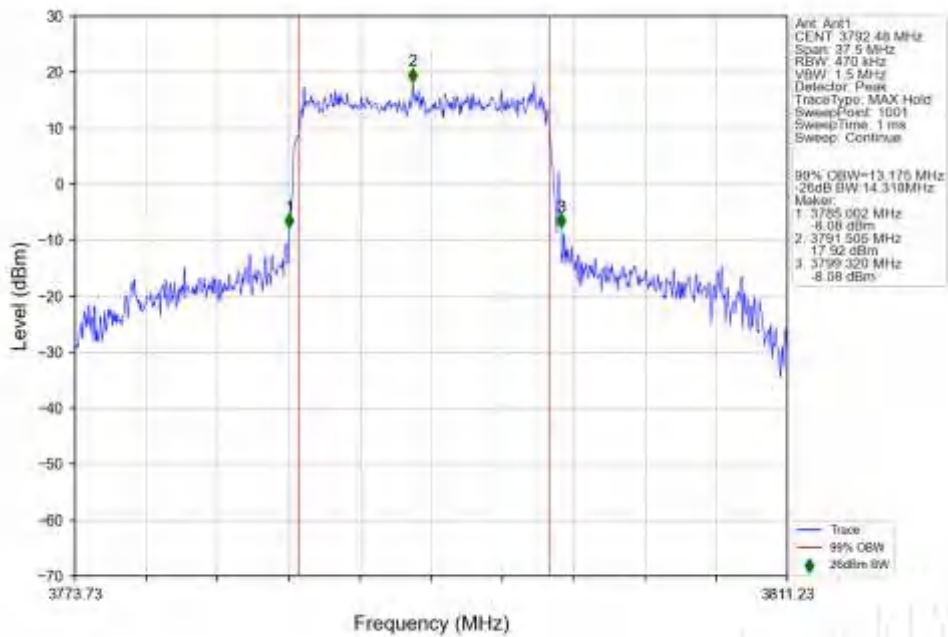
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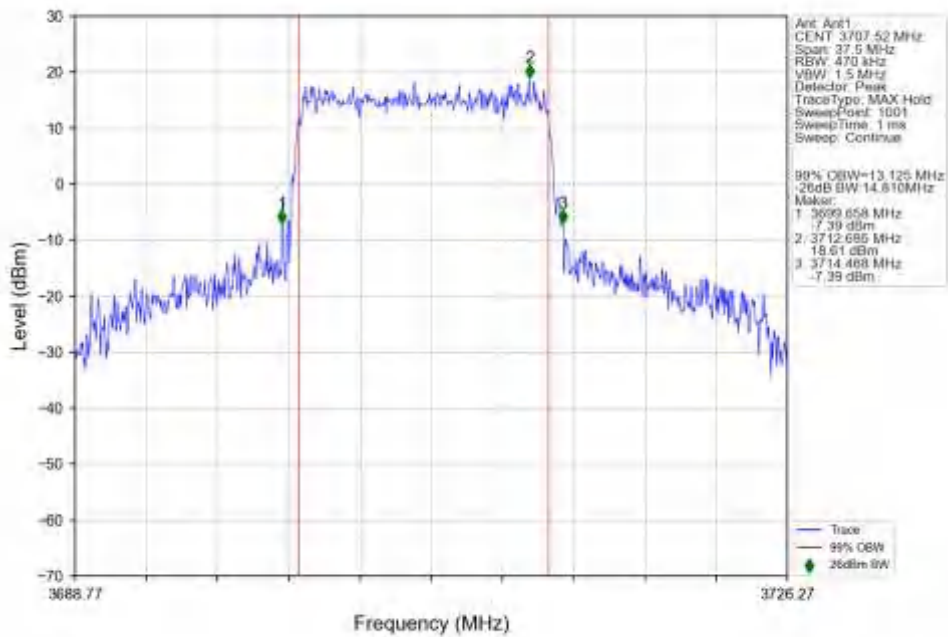
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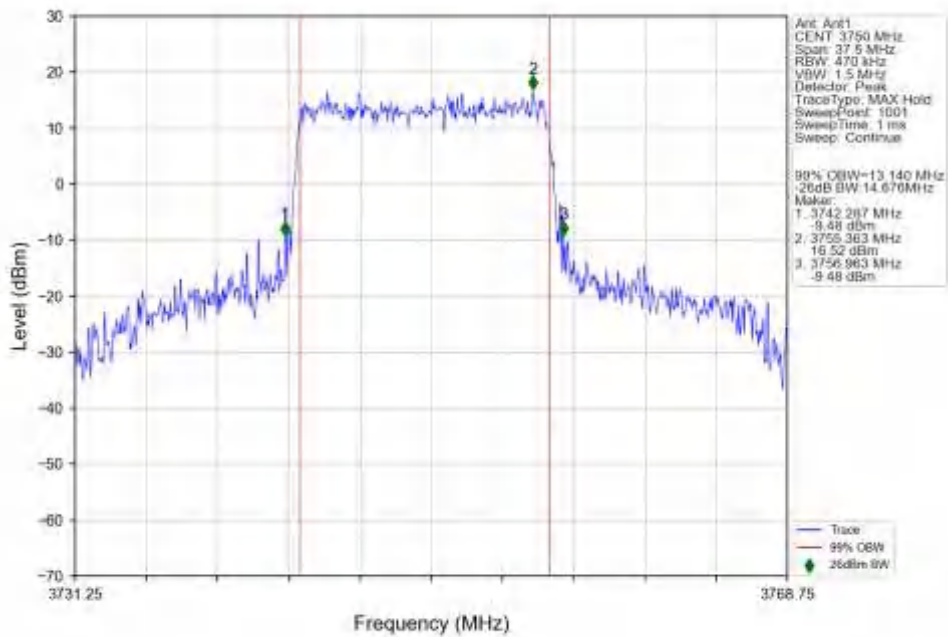
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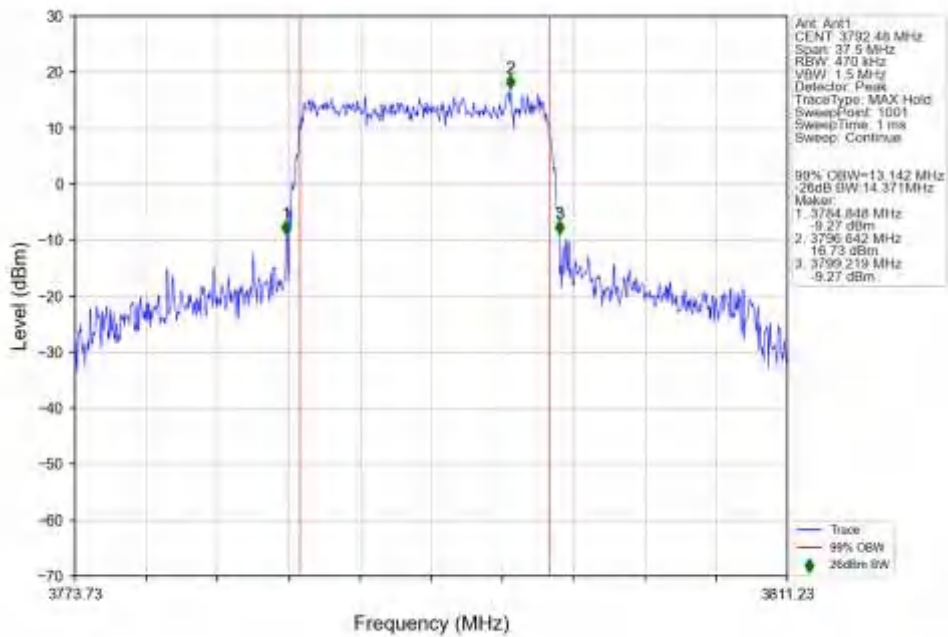
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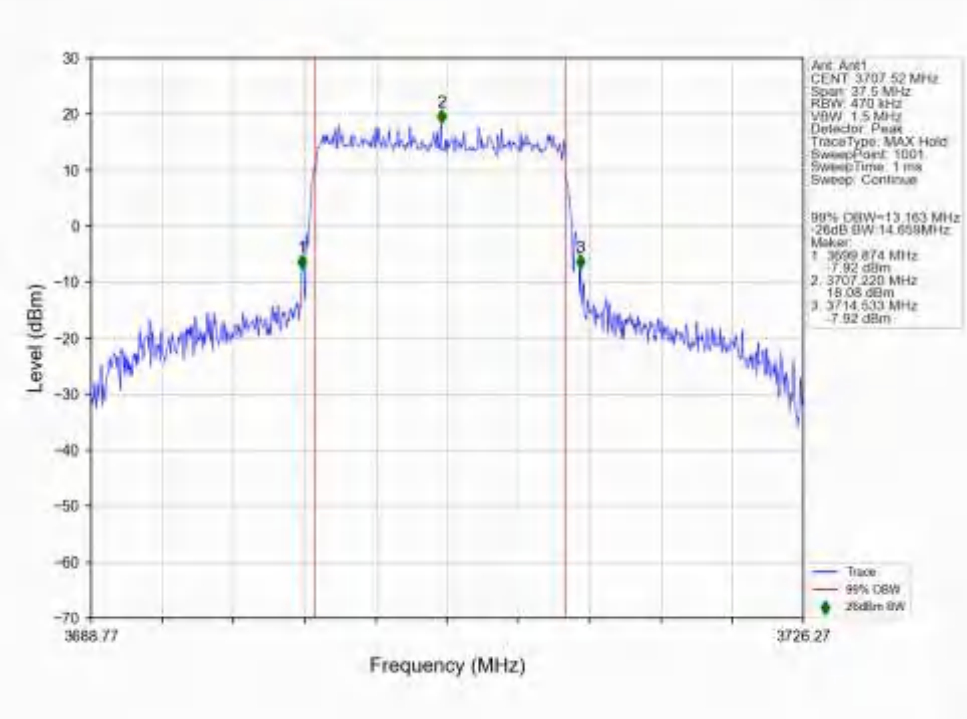
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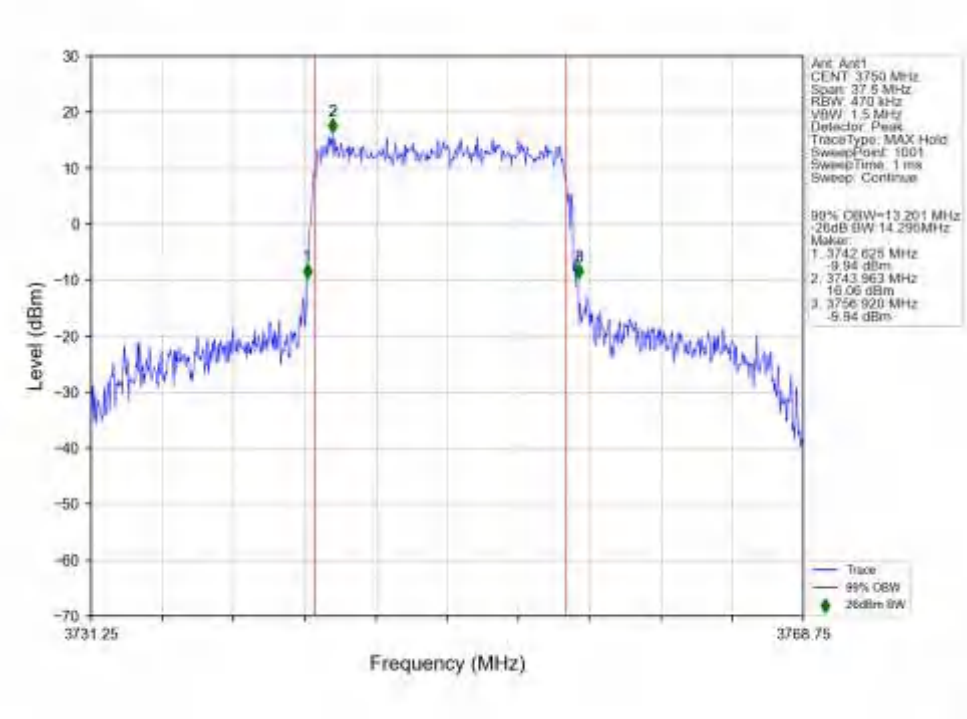
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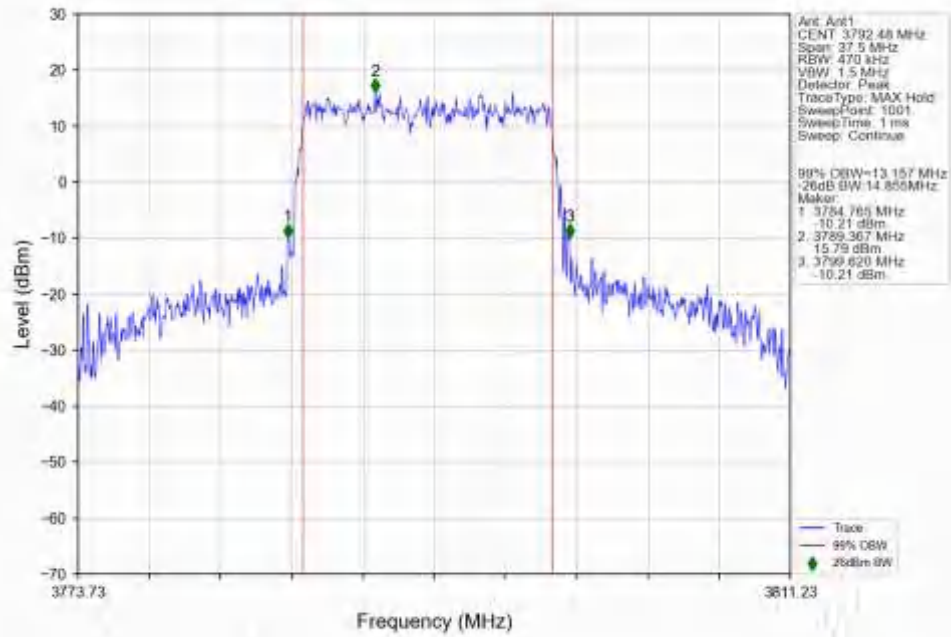
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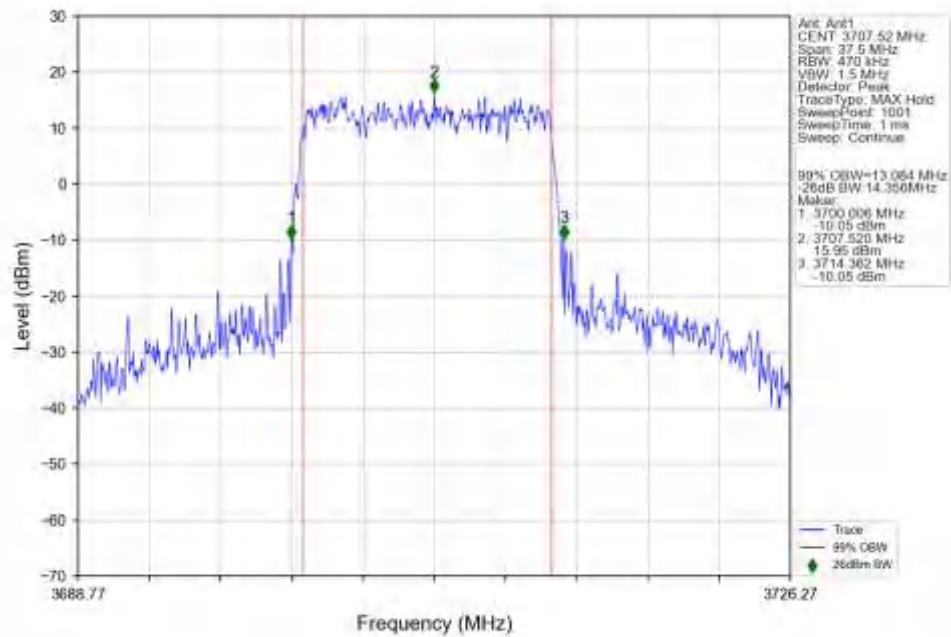
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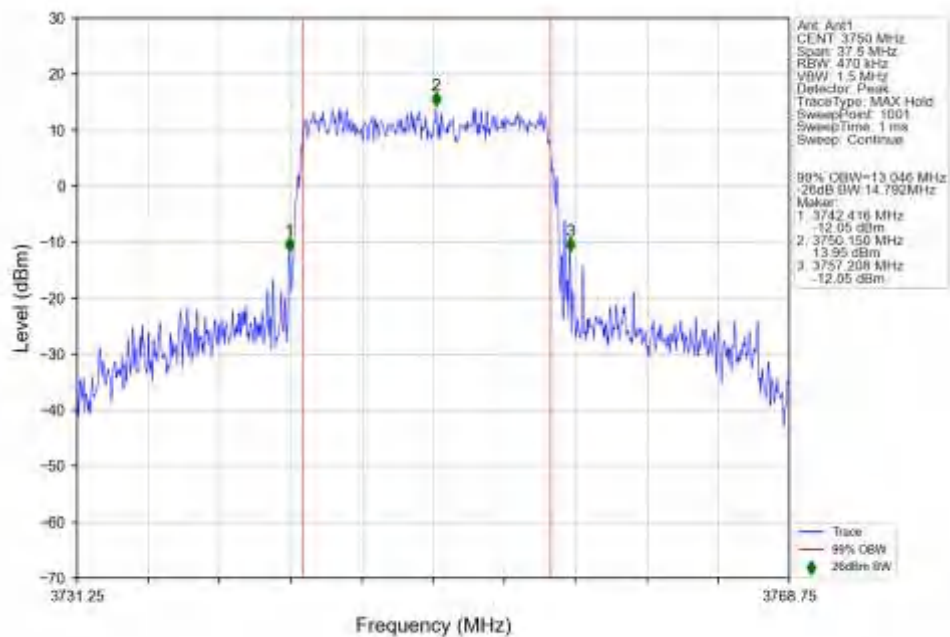
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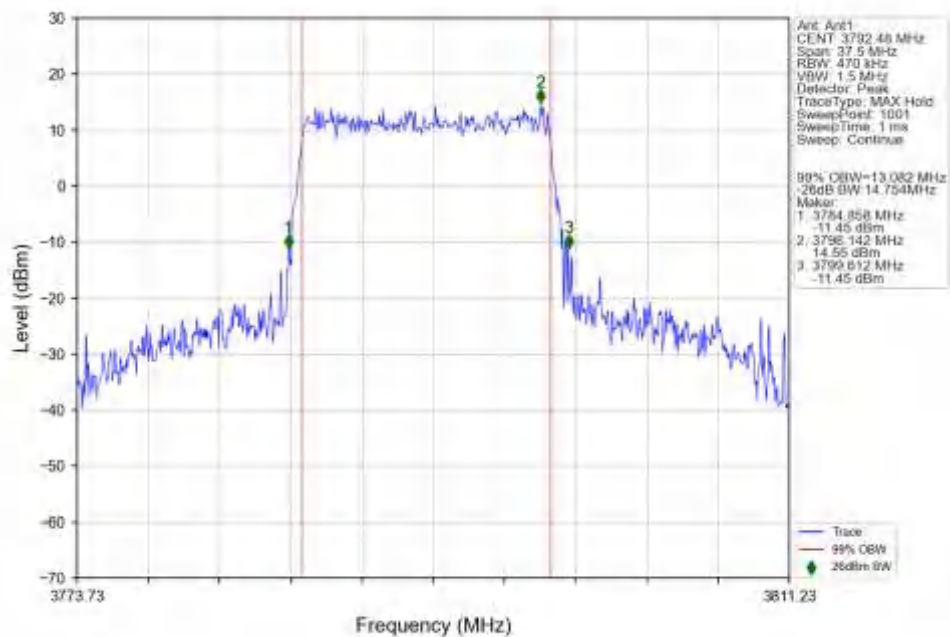
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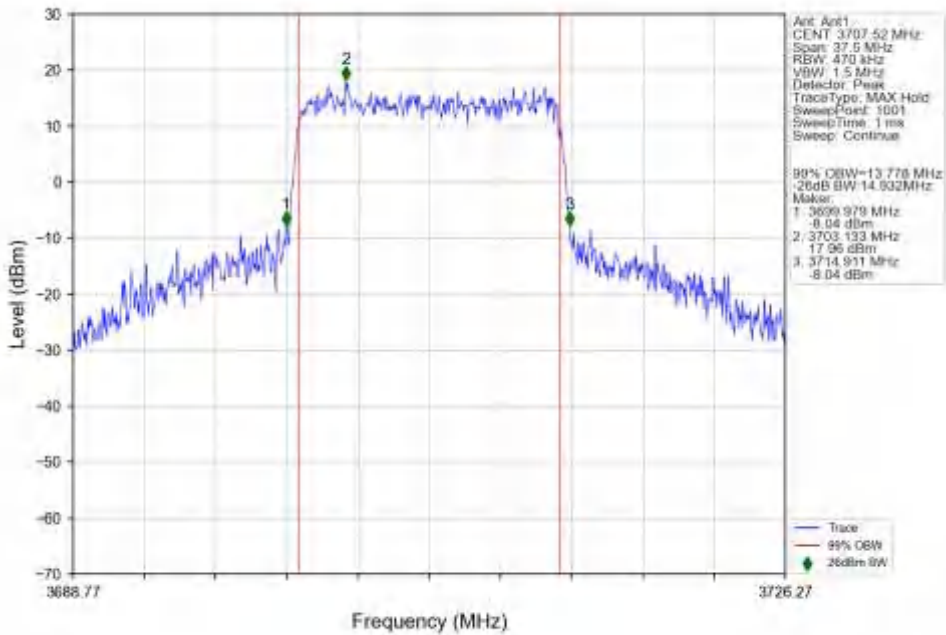
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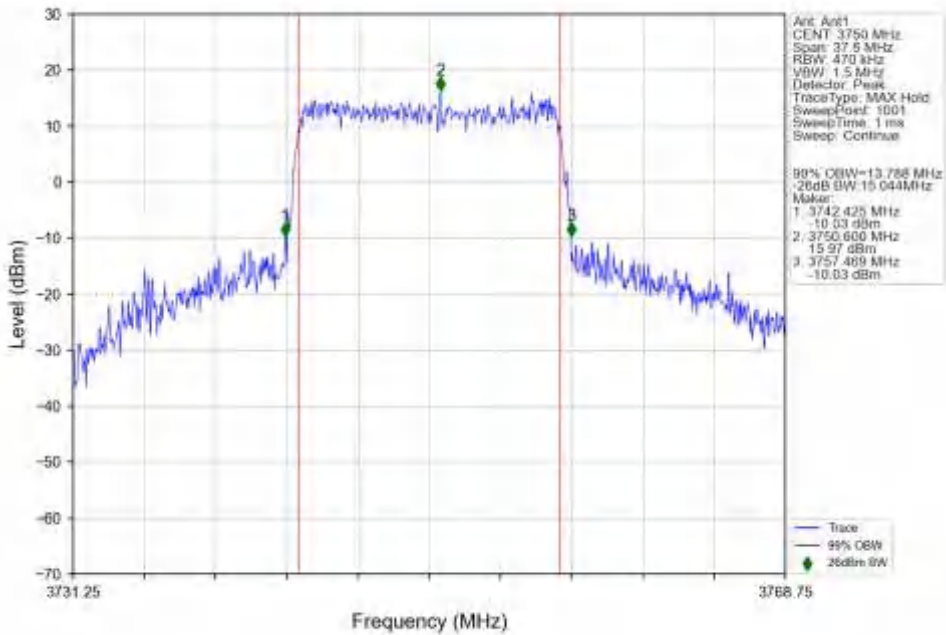
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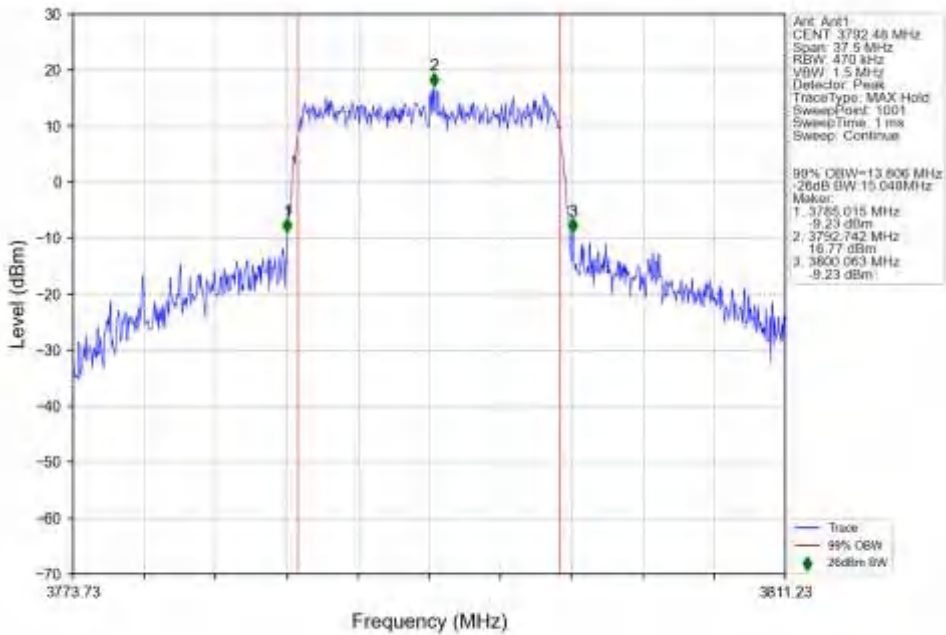
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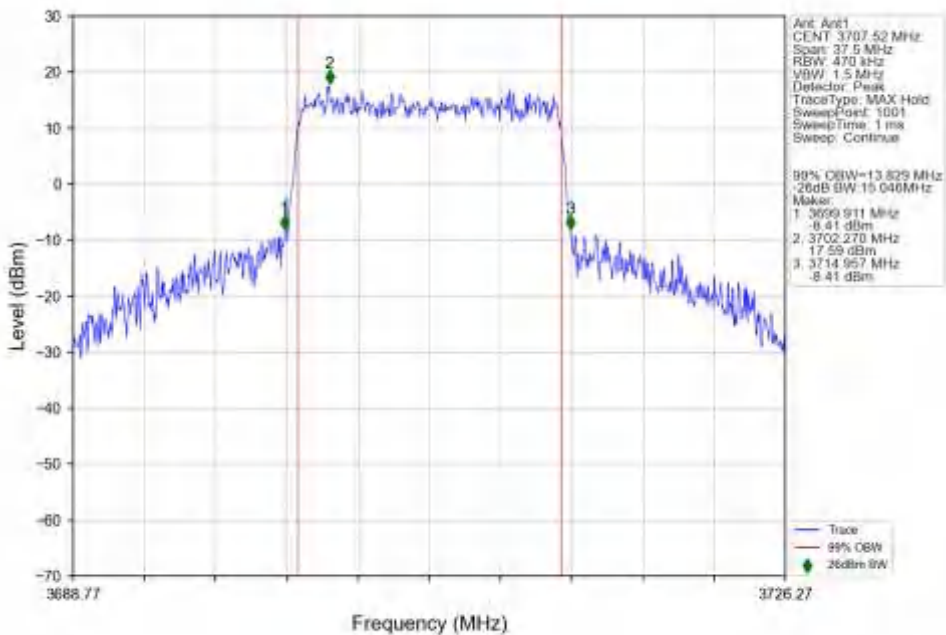
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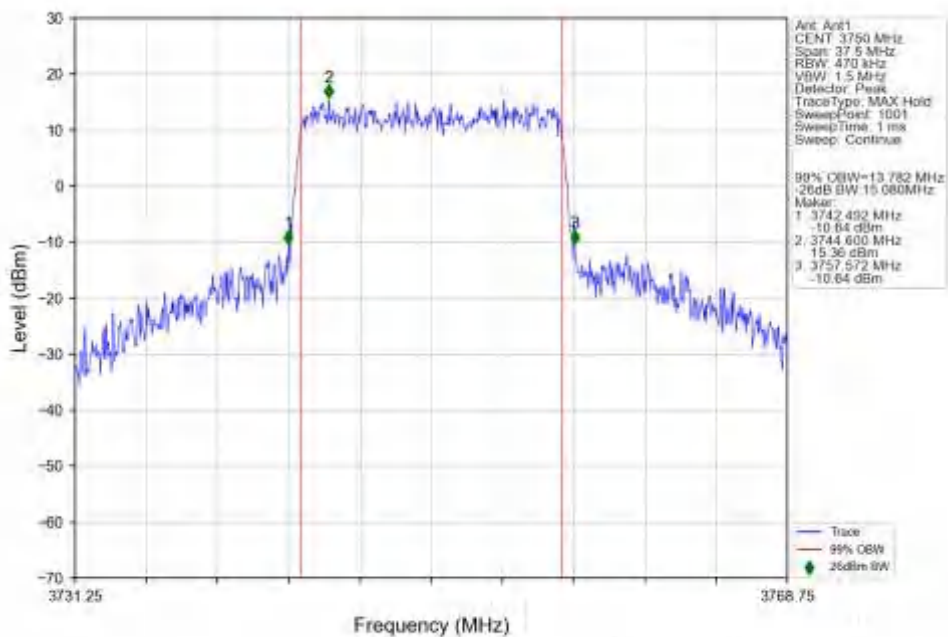
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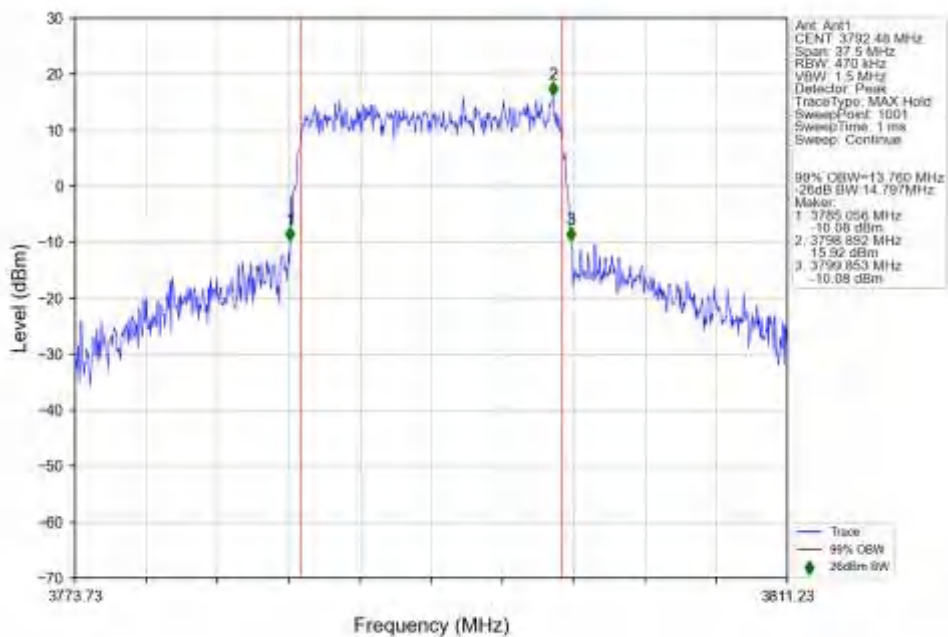
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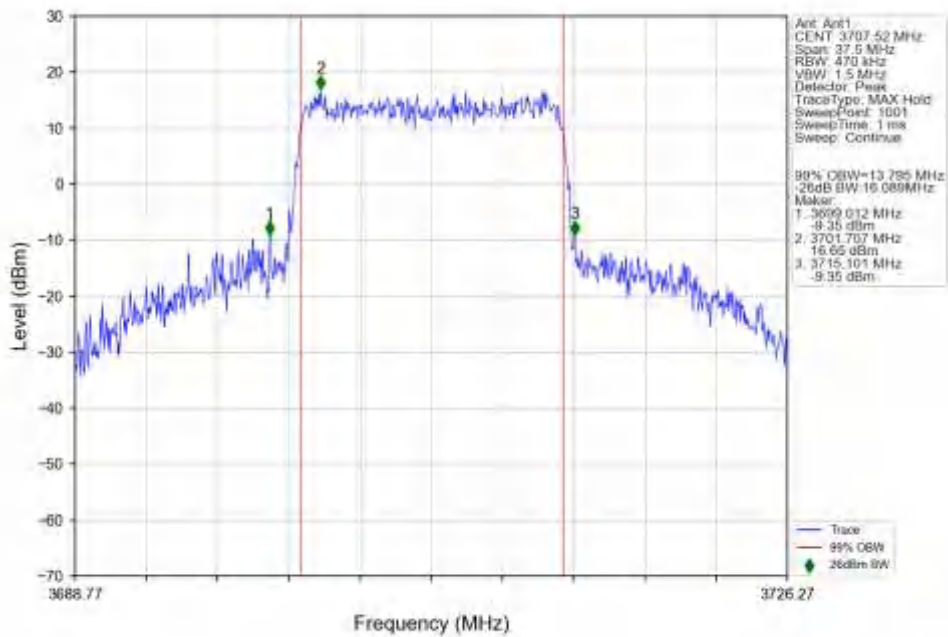
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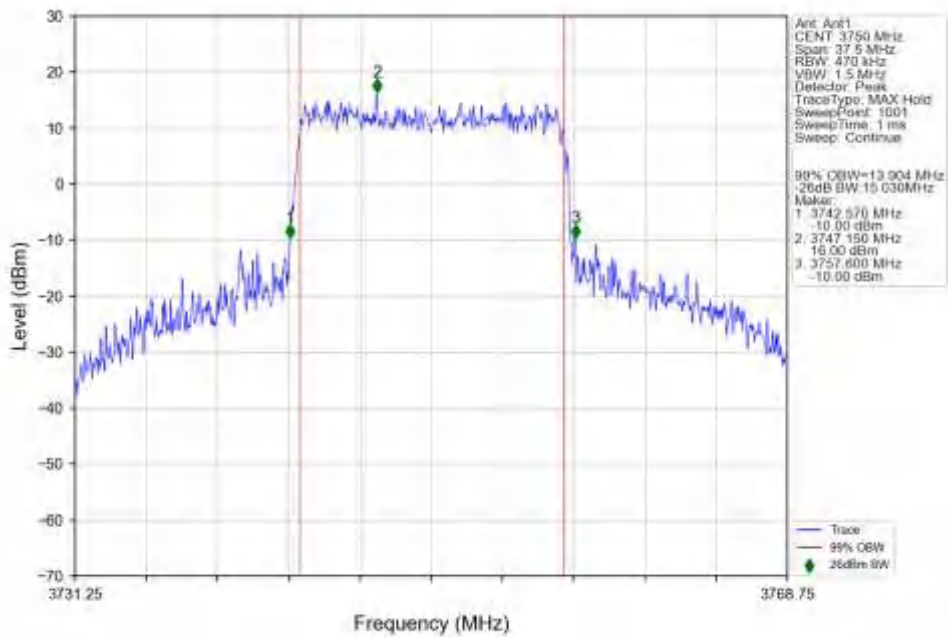
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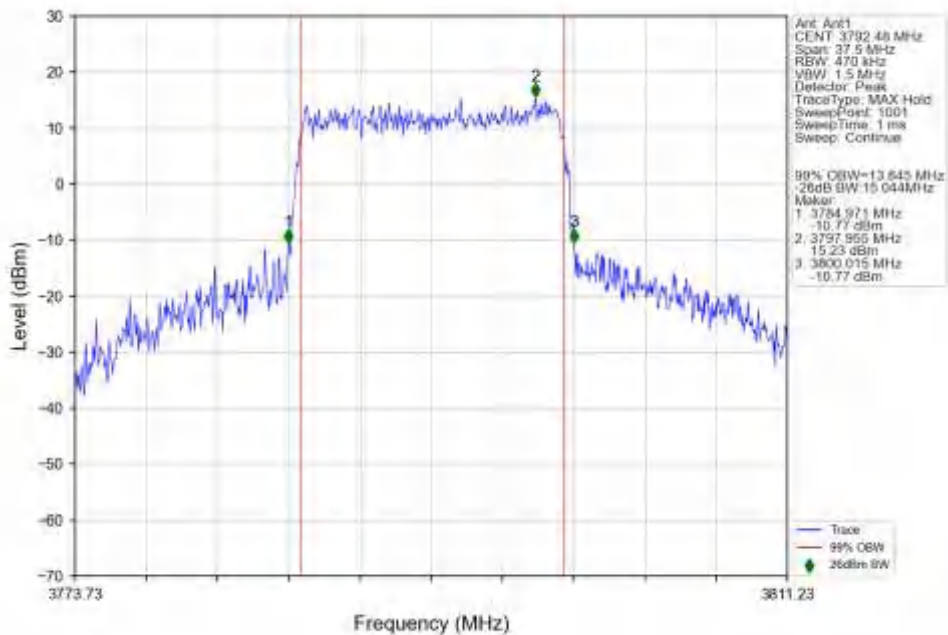
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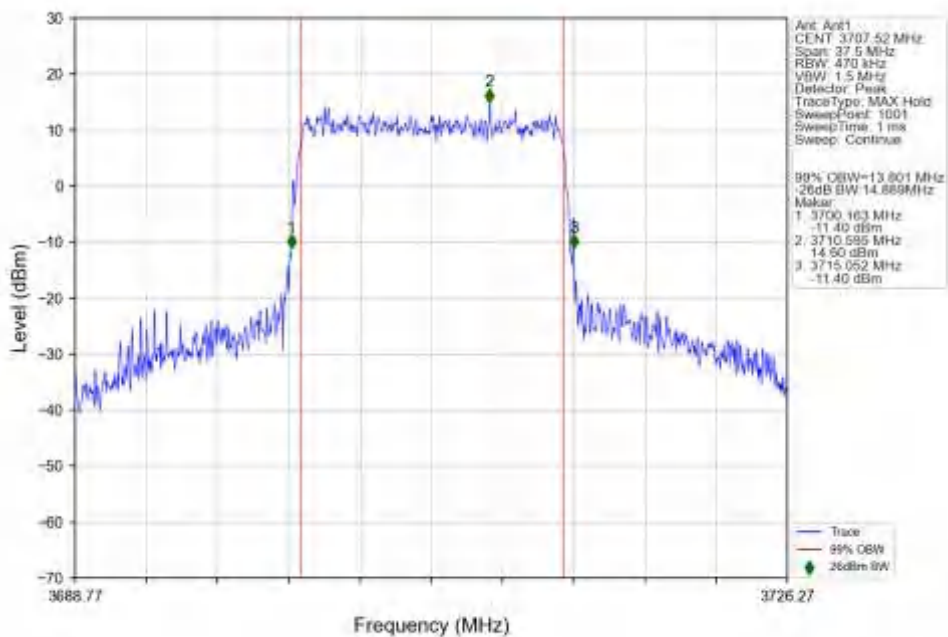
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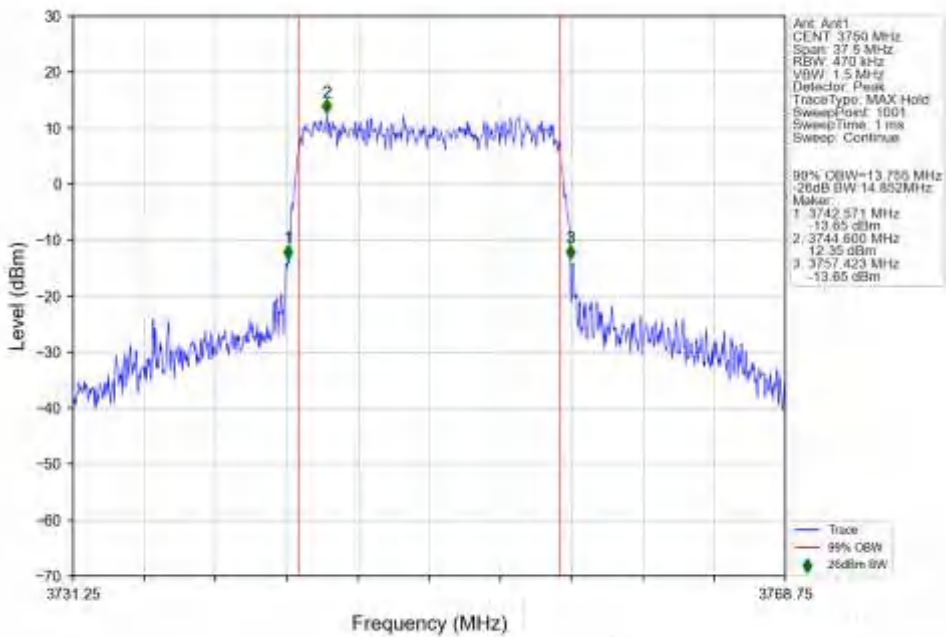
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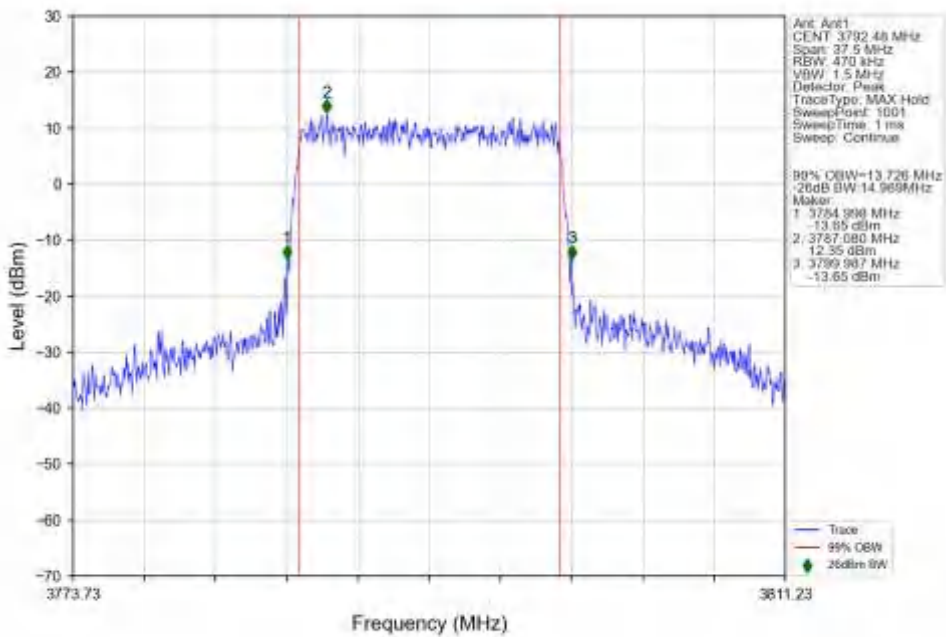
n78a 30kHz SISO NTN 15MHz CP-OFDM 256 QAM 3707.52MHz Outer Full Ant1



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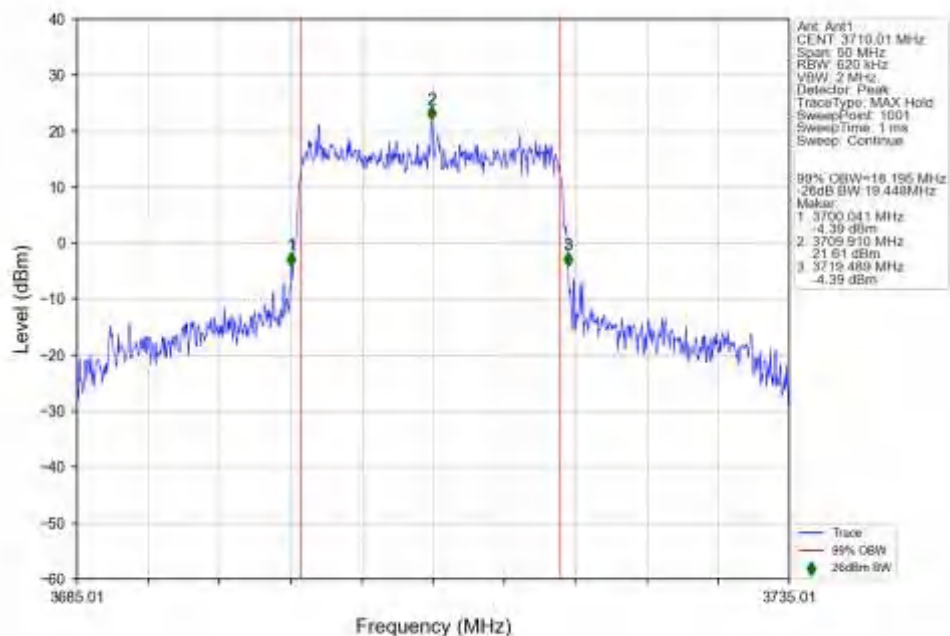


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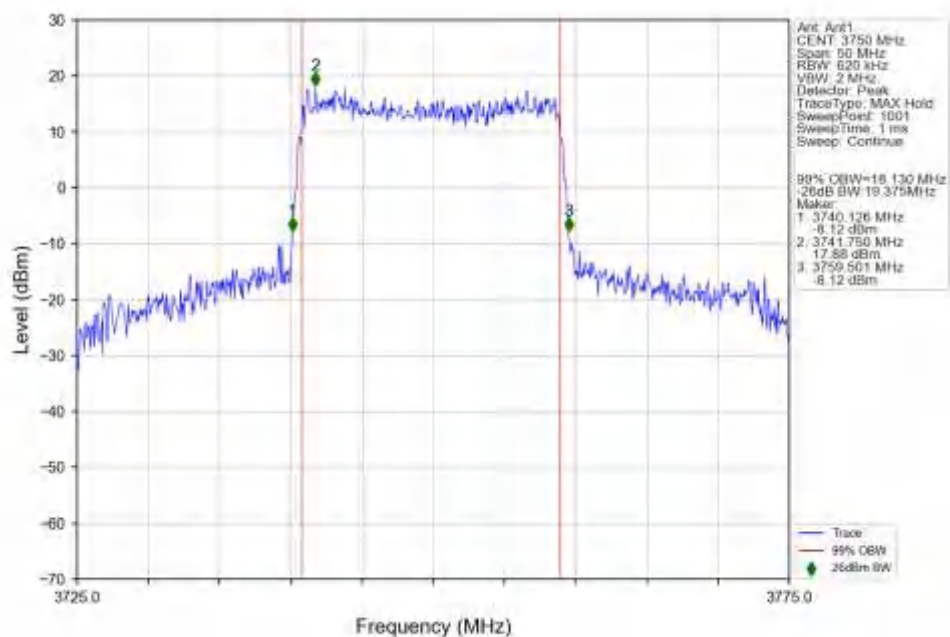


4.2.10 30k_SISO_20MHz_NTNV

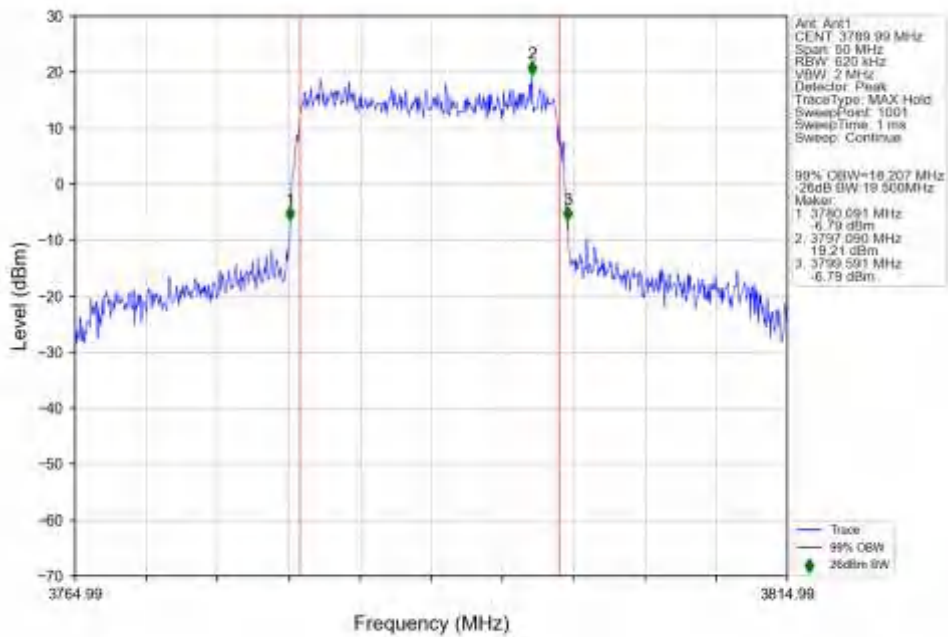
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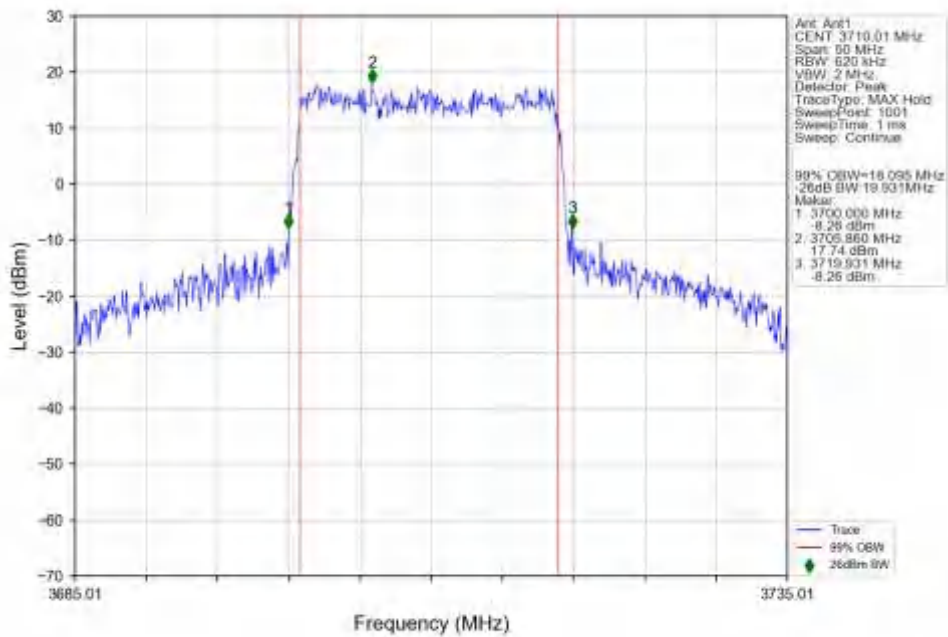
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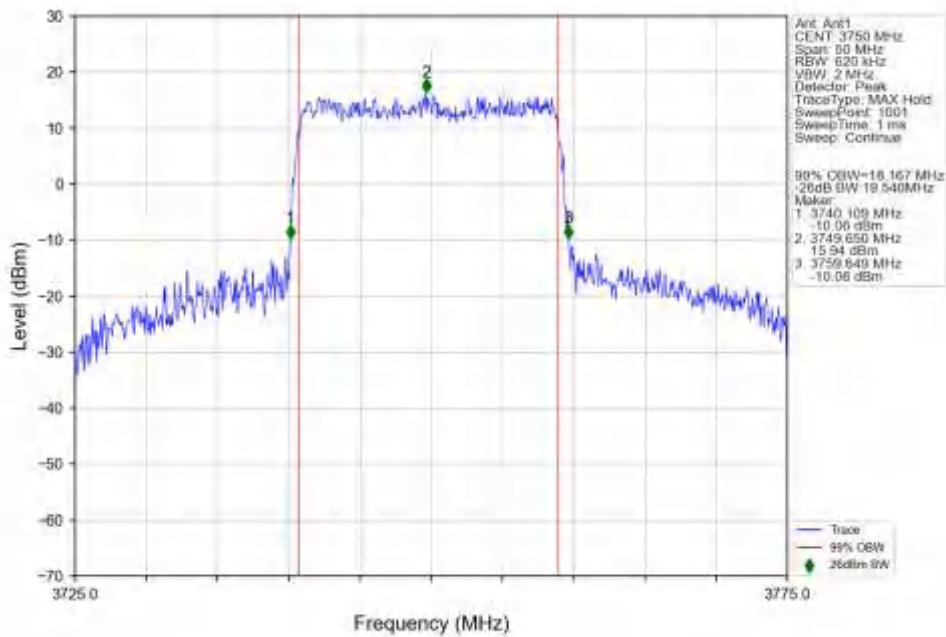
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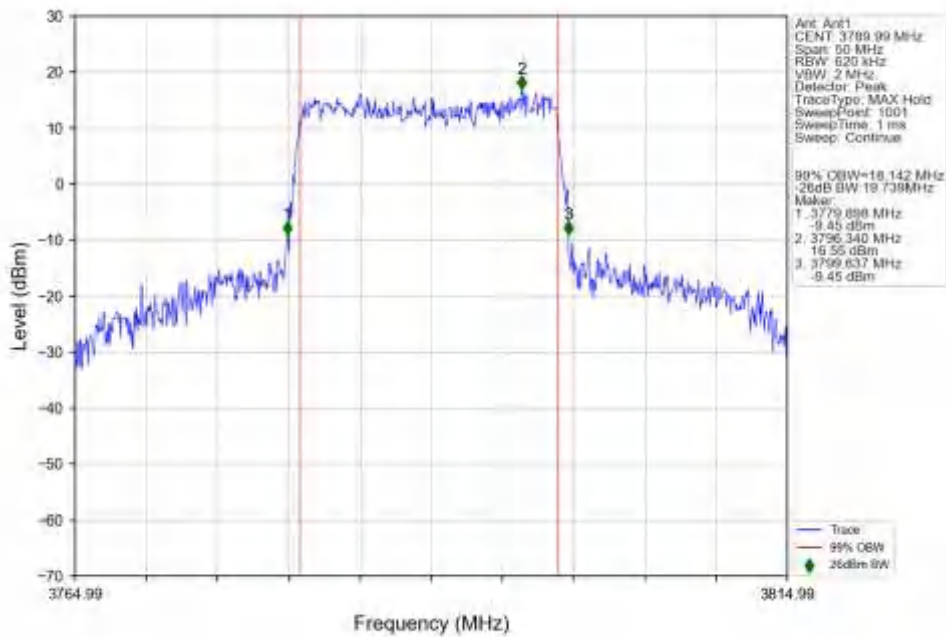
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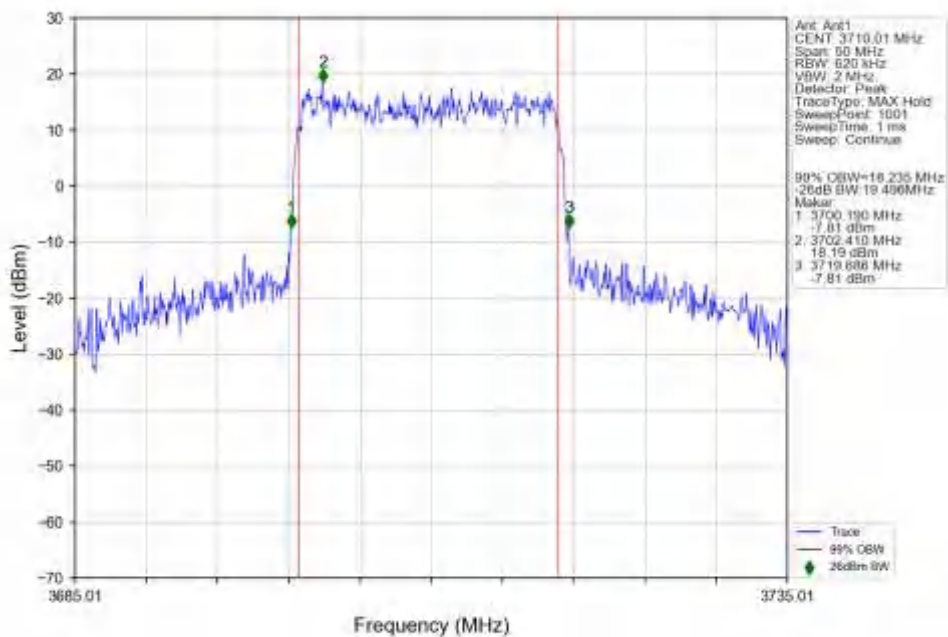
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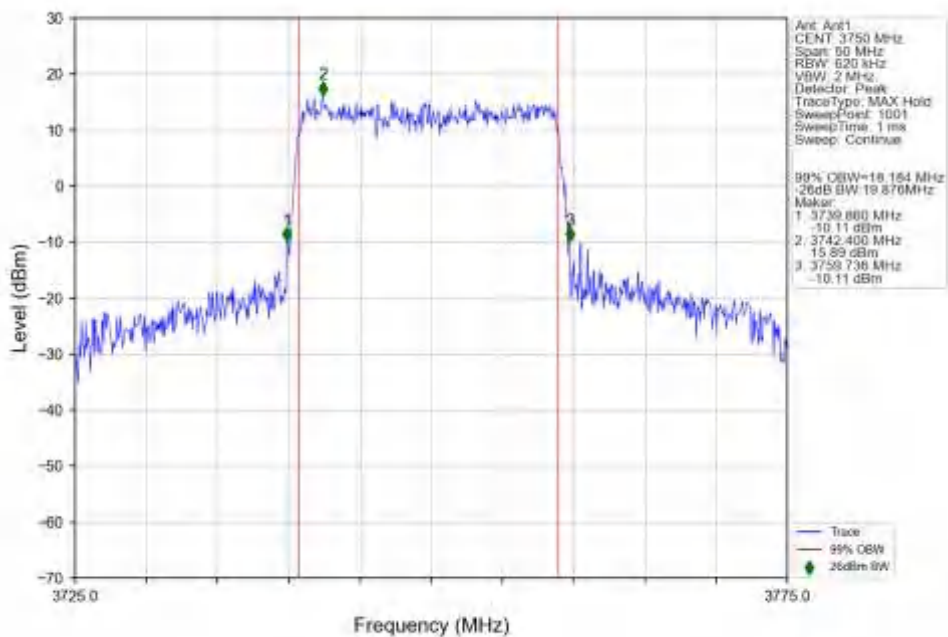
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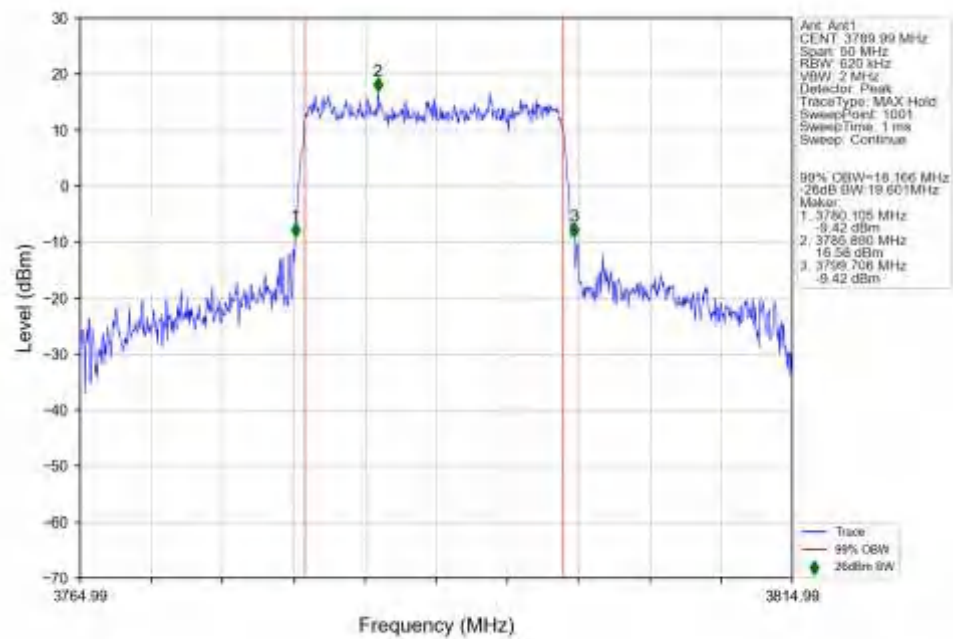
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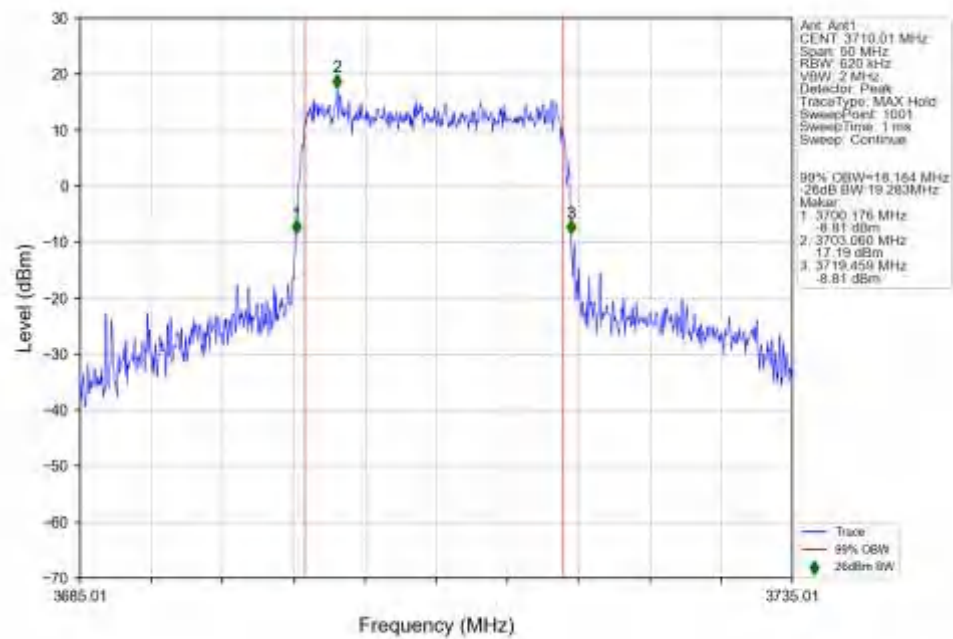
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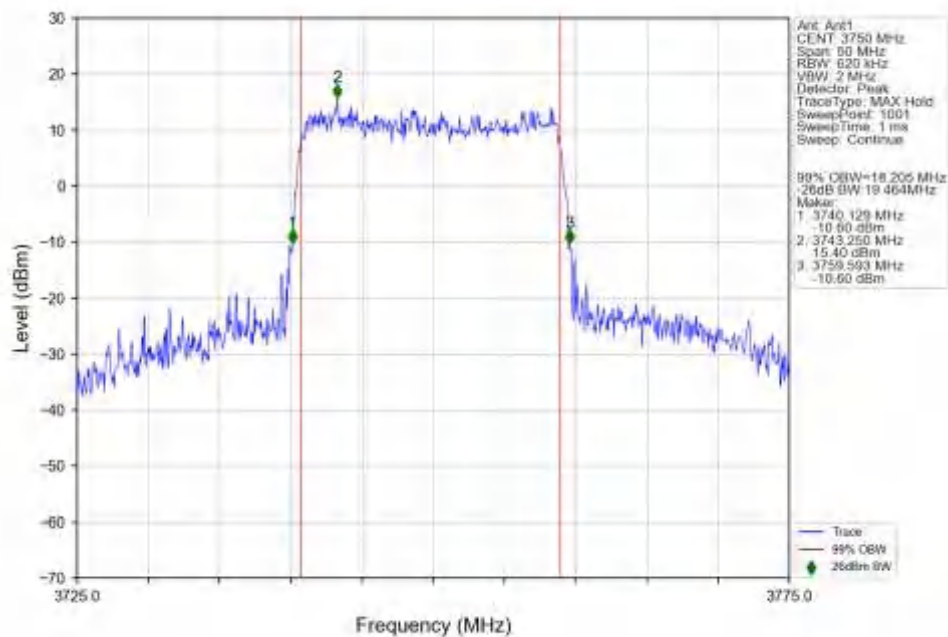
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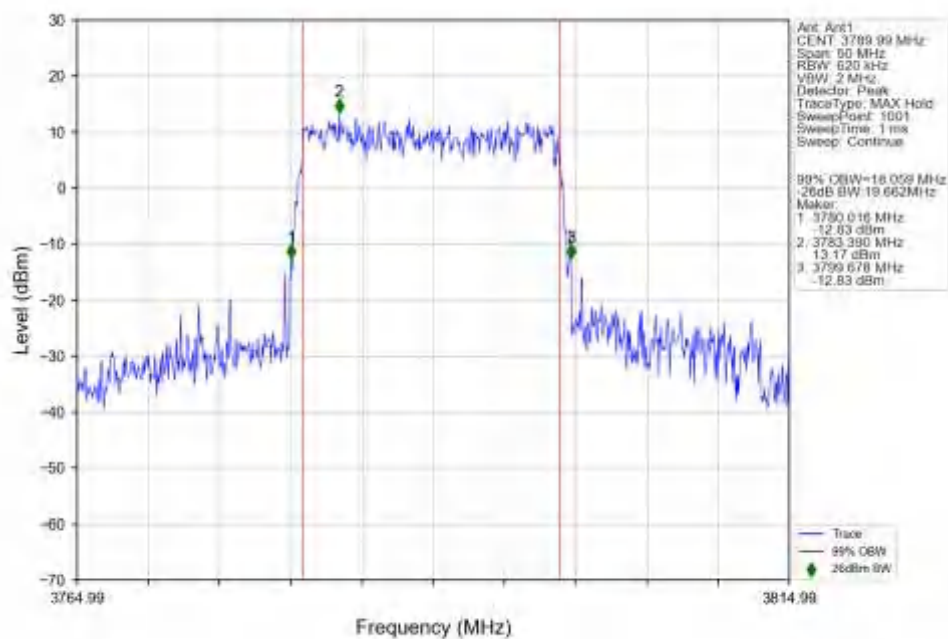
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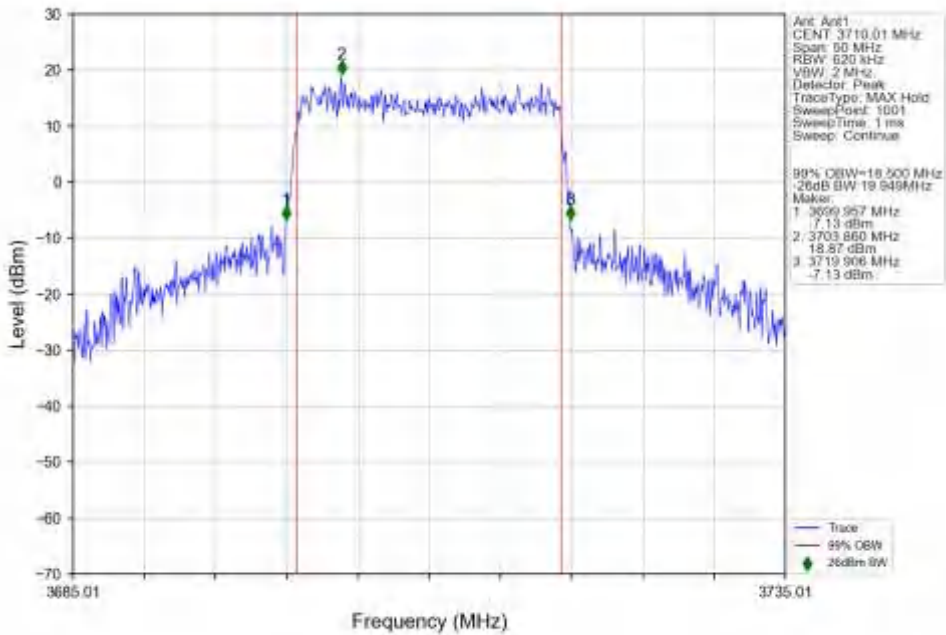
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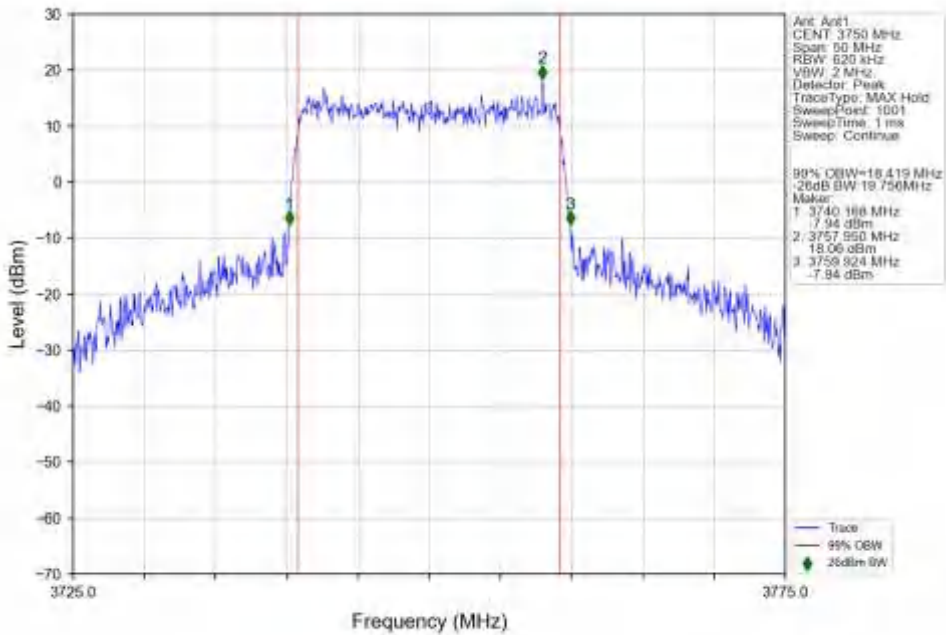
n78a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3789.99MHz_Outer_Full_Ant1



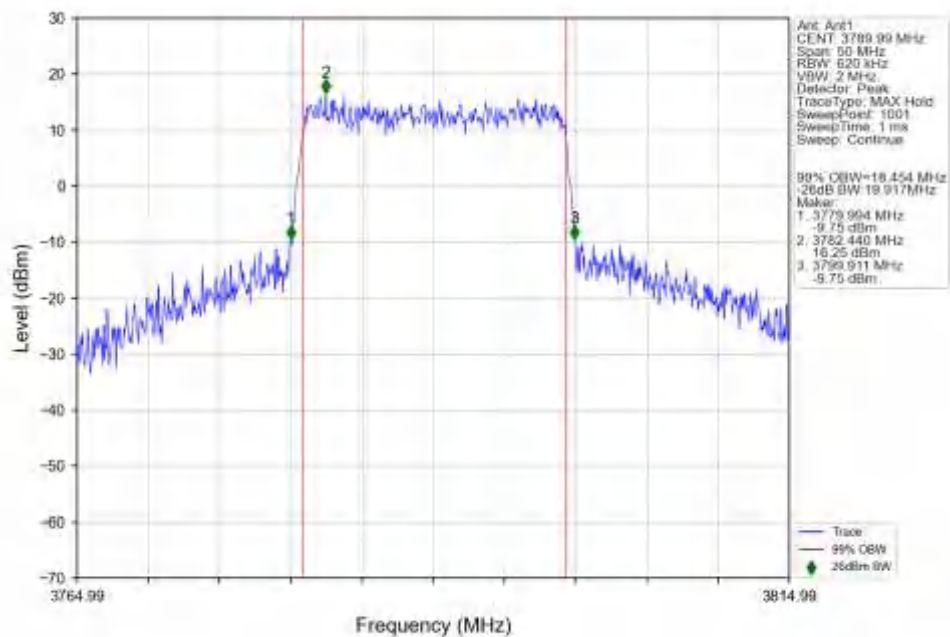
n78a 30kHz SISO NTN 20MHz CP-OFDM QPSK 3710.01MHz Outer Full Ant1



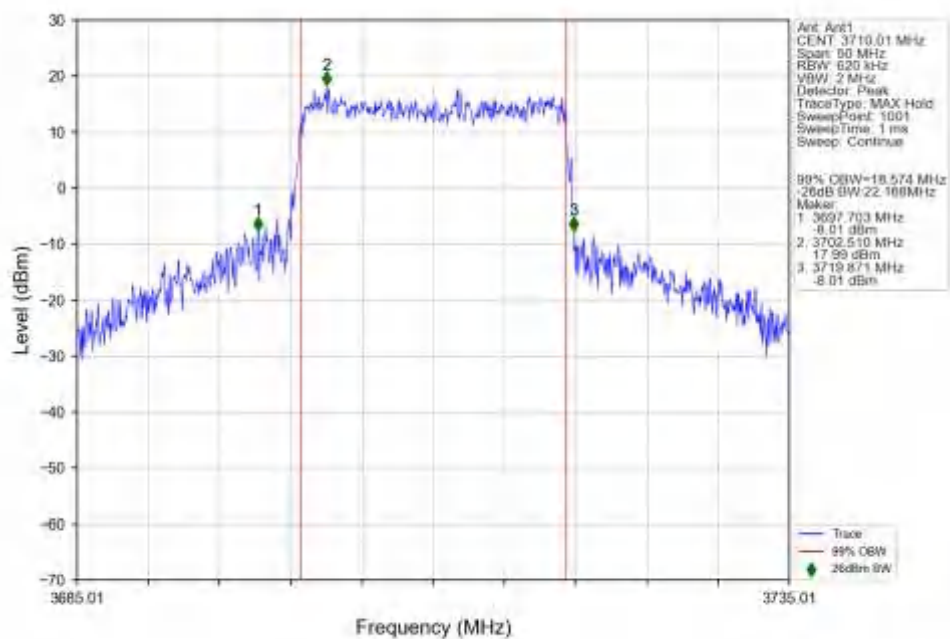
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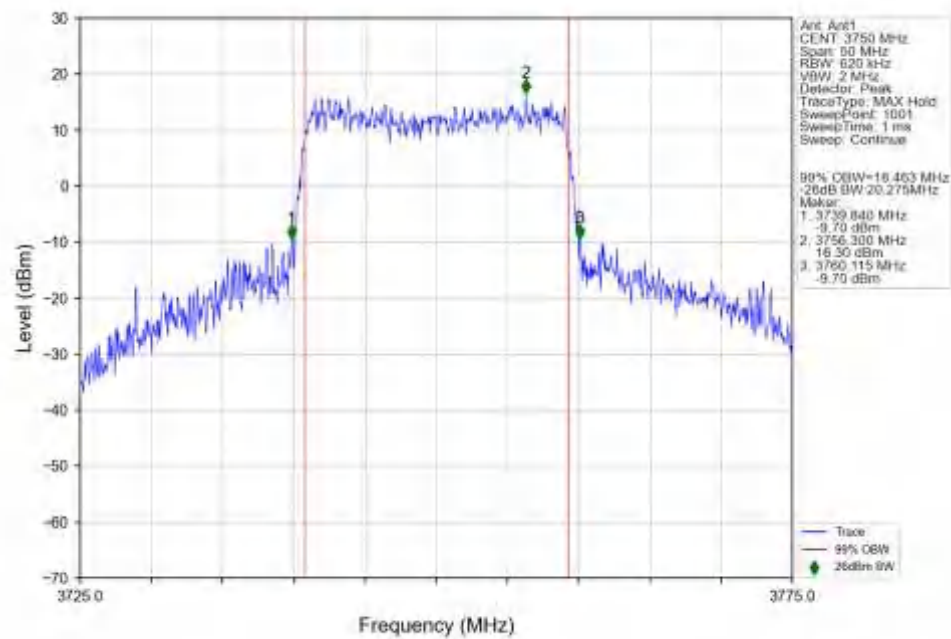
n78a 30kHz SISO NTN 20MHz CP-OFDM QPSK 3789.99MHz Outer Full Ant1



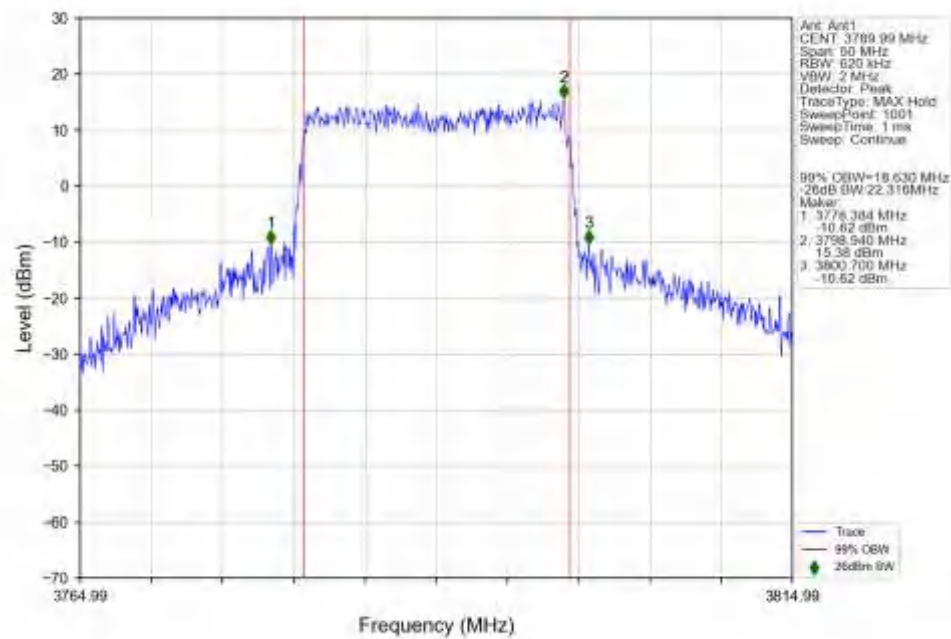
n78a 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 3710.01MHz Outer Full Ant1



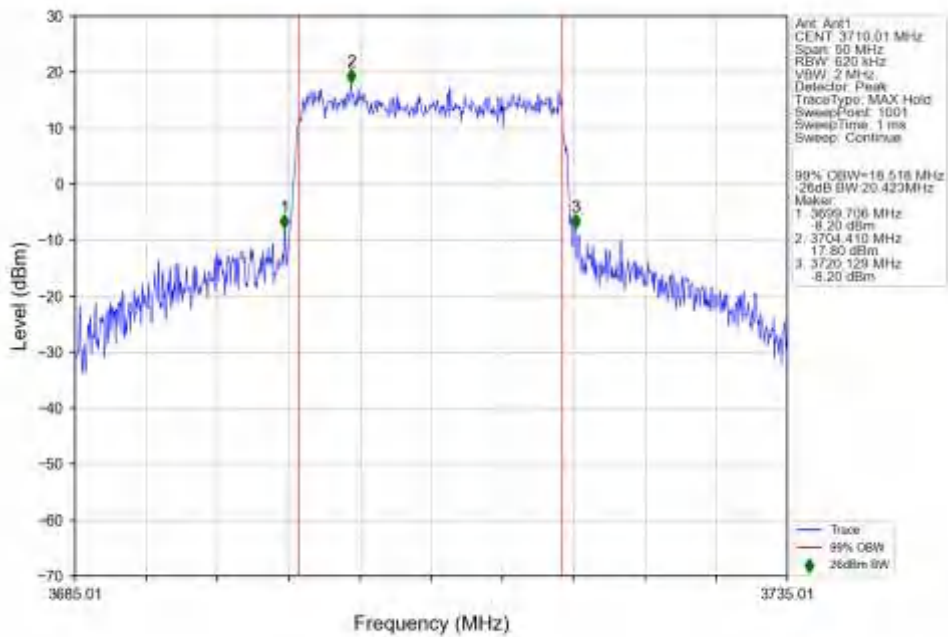
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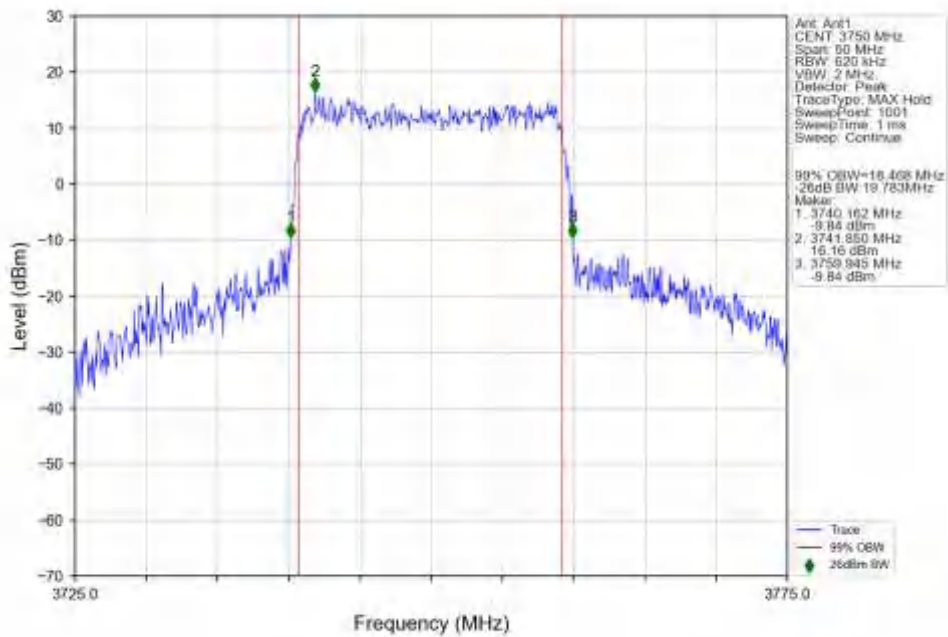
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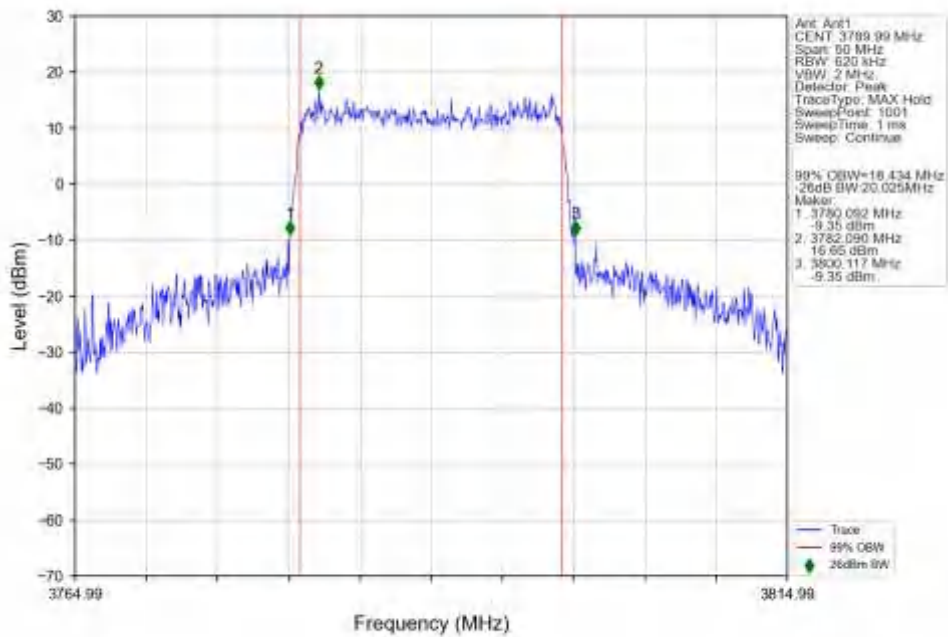
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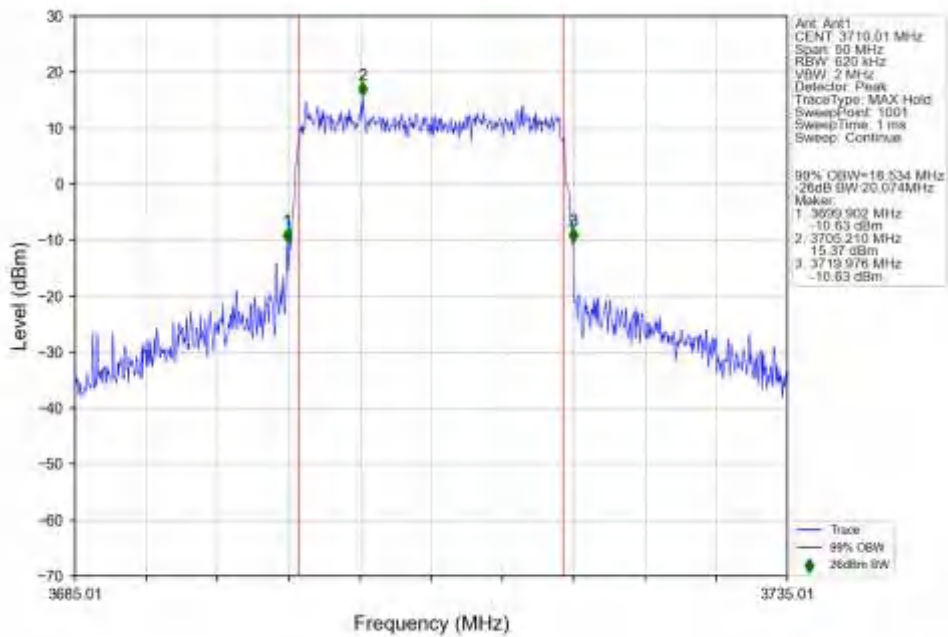
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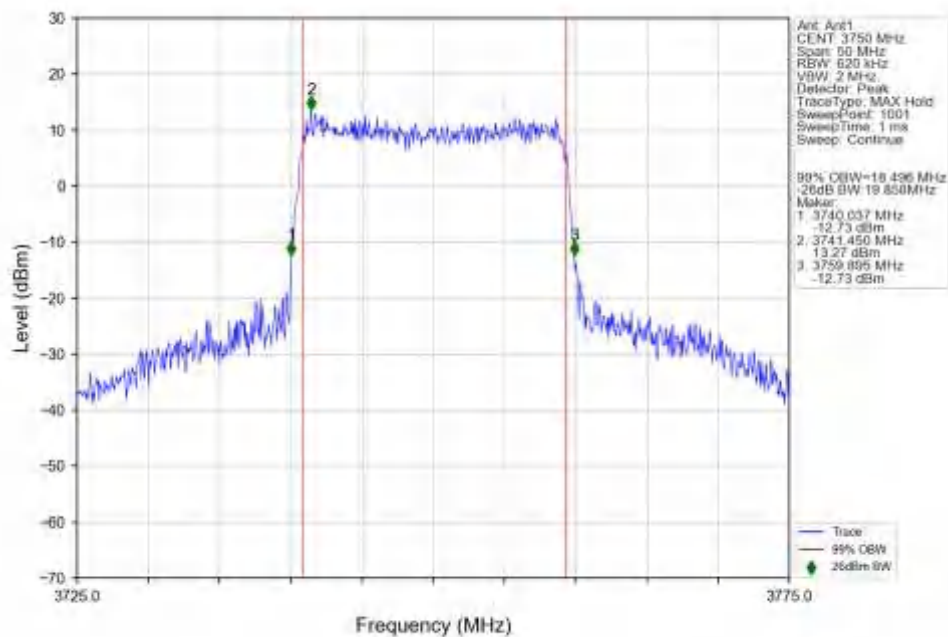
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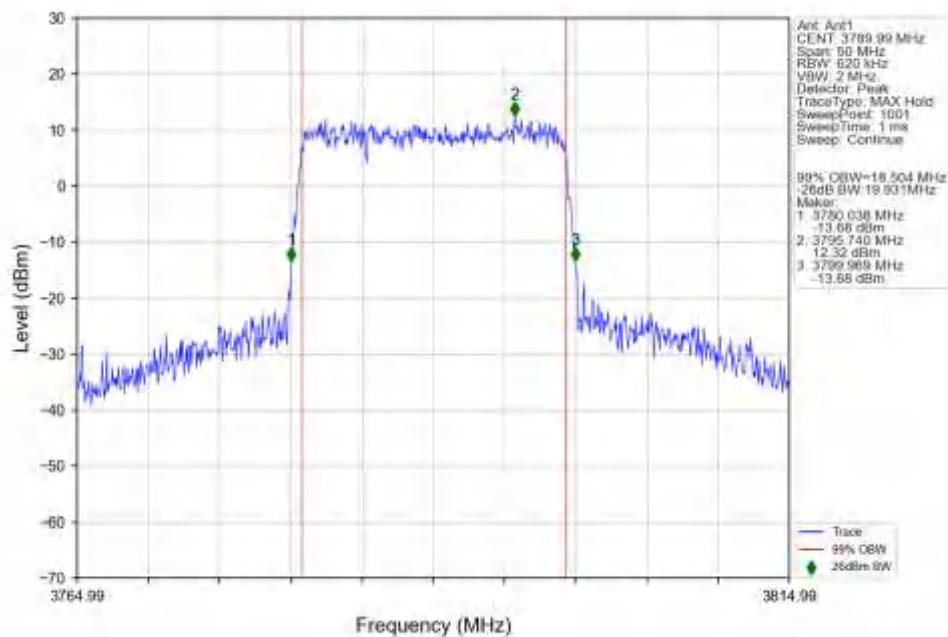
n78a_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3710.01MHz_Outer_Full_Ant1



n78a_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3750MHz_Outer_Full_Ant1

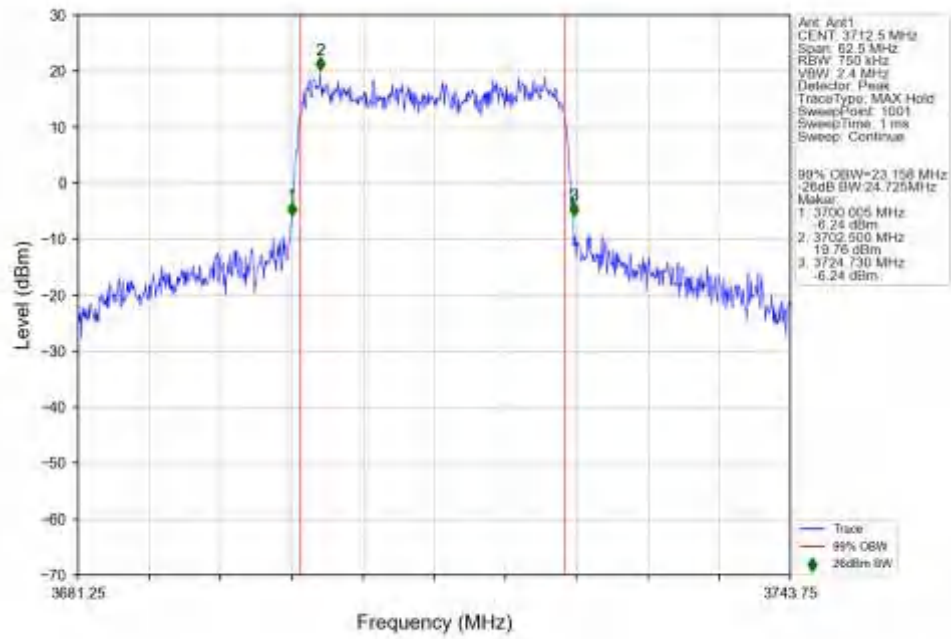


n78a_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3789.99MHz_Outer_Full_Ant1



4.2.11 30k_SISO_25MHz_NTNV

n78a_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_3712.5MHz_Outer_Full_Ant1



n78a_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_3750MHz_Outer_Full_Ant1

