

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	22.65	/	/	20.97	/	/	<=30	Pass
		Edge_1RB_Right	22.31	/	/	20.63	/	/	<=30	Pass
		Outer_Full	22.21	/	/	20.53	/	/	<=30	Pass
		Inner_Full	22.10	/	/	20.42	/	/	<=30	Pass
		Inner_1RB_Left	21.98	/	/	20.30	/	/	<=30	Pass
		Inner_1RB_Right	22.30	/	/	20.62	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.02	/	/	21.34	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	20.88	/	/	<=30	Pass
		Outer_Full	22.59	/	/	20.91	/	/	<=30	Pass
		Inner_Full	22.35	/	/	20.67	/	/	<=30	Pass
		Inner_1RB_Left	22.29	/	/	20.61	/	/	<=30	Pass
		Inner_1RB_Right	22.56	/	/	20.88	/	/	<=30	Pass
	3795	Edge_1RB_Left	22.29	/	/	20.61	/	/	<=30	Pass
		Edge_1RB_Right	21.84	/	/	20.16	/	/	<=30	Pass
		Outer_Full	21.67	/	/	19.99	/	/	<=30	Pass
		Inner_Full	21.58	/	/	19.90	/	/	<=30	Pass
		Inner_1RB_Left	21.60	/	/	19.92	/	/	<=30	Pass
		Inner_1RB_Right	21.85	/	/	20.17	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3705	Edge_1RB_Left	22.43	/	/	20.75	/	/	<=30	Pass
		Edge_1RB_Right	22.05	/	/	20.37	/	/	<=30	Pass
		Outer_Full	22.10	/	/	20.42	/	/	<=30	Pass
		Inner_Full	22.01	/	/	20.33	/	/	<=30	Pass
		Inner_1RB_Left	21.64	/	/	19.96	/	/	<=30	Pass
		Inner_1RB_Right	22.14	/	/	20.46	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.72	/	/	21.04	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	20.66	/	/	<=30	Pass
		Outer_Full	22.35	/	/	20.67	/	/	<=30	Pass
		Inner_Full	22.40	/	/	20.72	/	/	<=30	Pass
		Inner_1RB_Left	22.06	/	/	20.38	/	/	<=30	Pass
		Inner_1RB_Right	22.35	/	/	20.67	/	/	<=30	Pass
	3795	Edge_1RB_Left	22.04	/	/	20.36	/	/	<=30	Pass
		Edge_1RB_Right	21.66	/	/	19.98	/	/	<=30	Pass
		Outer_Full	21.59	/	/	19.91	/	/	<=30	Pass
		Inner_Full	21.49	/	/	19.81	/	/	<=30	Pass
		Inner_1RB_Left	21.41	/	/	19.73	/	/	<=30	Pass
		Inner_1RB_Right	21.66	/	/	19.98	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3705	Edge_1RB_Left	22.72	/	/	21.04	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	20.70	/	/	<=30	Pass
		Outer_Full	22.01	/	/	20.33	/	/	<=30	Pass
		Inner_Full	21.98	/	/	20.30	/	/	<=30	Pass
		Inner_1RB_Left	22.07	/	/	20.39	/	/	<=30	Pass
		Inner_1RB_Right	22.33	/	/	20.65	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.08	/	/	21.40	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	21.07	/	/	<=30	Pass
		Outer_Full	22.39	/	/	20.71	/	/	<=30	Pass
		Inner_Full	22.36	/	/	20.68	/	/	<=30	Pass
		Inner_1RB_Left	22.48	/	/	20.80	/	/	<=30	Pass
		Inner_1RB_Right	22.75	/	/	21.07	/	/	<=30	Pass
	3795	Edge_1RB_Left	21.95	/	/	20.27	/	/	<=30	Pass

		Edge 1RB Right	21.55	/	/	19.87	/	/	<=30	Pass
		Outer Full	21.53	/	/	19.85	/	/	<=30	Pass
		Inner Full	21.50	/	/	19.82	/	/	<=30	Pass
		Inner 1RB Left	21.31	/	/	19.63	/	/	<=30	Pass
		Inner 1RB Right	21.51	/	/	19.83	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3705	Edge 1RB Left	21.30	/	/	19.62	/	/	<=30	Pass
		Edge 1RB Right	20.95	/	/	19.27	/	/	<=30	Pass
		Outer Full	20.43	/	/	18.75	/	/	<=30	Pass
		Inner Full	20.82	/	/	19.14	/	/	<=30	Pass
		Inner 1RB Left	20.61	/	/	18.93	/	/	<=30	Pass
		Inner 1RB Right	20.92	/	/	19.24	/	/	<=30	Pass
	3750	Edge 1RB Left	21.72	/	/	20.04	/	/	<=30	Pass
		Edge 1RB Right	21.35	/	/	19.67	/	/	<=30	Pass
		Outer Full	20.82	/	/	19.14	/	/	<=30	Pass
		Inner Full	21.20	/	/	19.52	/	/	<=30	Pass
		Inner 1RB Left	21.04	/	/	19.36	/	/	<=30	Pass
		Inner 1RB Right	21.31	/	/	19.63	/	/	<=30	Pass
	3795	Edge 1RB Left	20.86	/	/	19.18	/	/	<=30	Pass
		Edge 1RB Right	20.41	/	/	18.73	/	/	<=30	Pass
		Outer Full	19.86	/	/	18.18	/	/	<=30	Pass
		Inner Full	20.31	/	/	18.63	/	/	<=30	Pass
		Inner 1RB Left	20.14	/	/	18.46	/	/	<=30	Pass
		Inner 1RB Right	20.49	/	/	18.81	/	/	<=30	Pass
CP-OFDM QPSK	3705	Edge 1RB Left	22.41	/	/	20.73	/	/	<=30	Pass
		Edge 1RB Right	22.12	/	/	20.44	/	/	<=30	Pass
		Outer Full	21.96	/	/	20.28	/	/	<=30	Pass
		Inner Full	21.93	/	/	20.25	/	/	<=30	Pass
		Inner 1RB Left	21.84	/	/	20.16	/	/	<=30	Pass
		Inner 1RB Right	22.17	/	/	20.49	/	/	<=30	Pass
	3750	Edge 1RB Left	22.65	/	/	20.97	/	/	<=30	Pass
		Edge 1RB Right	22.25	/	/	20.57	/	/	<=30	Pass
		Outer Full	22.27	/	/	20.59	/	/	<=30	Pass
		Inner Full	22.11	/	/	20.43	/	/	<=30	Pass
		Inner 1RB Left	22.01	/	/	20.33	/	/	<=30	Pass
		Inner 1RB Right	22.29	/	/	20.61	/	/	<=30	Pass
	3795	Edge 1RB Left	22.01	/	/	20.33	/	/	<=30	Pass
		Edge 1RB Right	21.68	/	/	20.00	/	/	<=30	Pass
		Outer Full	21.46	/	/	19.78	/	/	<=30	Pass
		Inner Full	21.42	/	/	19.74	/	/	<=30	Pass
		Inner 1RB Left	21.43	/	/	19.75	/	/	<=30	Pass
		Inner 1RB Right	21.68	/	/	20.00	/	/	<=30	Pass
CP-OFDM 16 QAM	3705	Edge 1RB Left	22.26	/	/	20.58	/	/	<=30	Pass
		Edge 1RB Right	22.01	/	/	20.33	/	/	<=30	Pass
		Outer Full	21.99	/	/	20.31	/	/	<=30	Pass
		Inner Full	21.83	/	/	20.15	/	/	<=30	Pass
		Inner 1RB Left	21.72	/	/	20.04	/	/	<=30	Pass
		Inner 1RB Right	22.00	/	/	20.32	/	/	<=30	Pass
	3750	Edge 1RB Left	22.47	/	/	20.79	/	/	<=30	Pass
		Edge 1RB Right	22.21	/	/	20.53	/	/	<=30	Pass
		Outer Full	22.18	/	/	20.50	/	/	<=30	Pass
		Inner Full	22.17	/	/	20.49	/	/	<=30	Pass
		Inner 1RB Left	21.94	/	/	20.26	/	/	<=30	Pass
		Inner 1RB Right	22.20	/	/	20.52	/	/	<=30	Pass
	3795	Edge 1RB Left	21.92	/	/	20.24	/	/	<=30	Pass
		Edge 1RB Right	21.56	/	/	19.88	/	/	<=30	Pass
		Outer Full	21.50	/	/	19.82	/	/	<=30	Pass
		Inner Full	21.34	/	/	19.66	/	/	<=30	Pass
		Inner 1RB Left	21.33	/	/	19.65	/	/	<=30	Pass
		Inner 1RB Right	21.54	/	/	19.86	/	/	<=30	Pass

CP-OFDM 64 QAM	3705	Edge 1RB Left	22.24	/	/	20.56	/	/	<=30	Pass
		Edge 1RB Right	21.97	/	/	20.29	/	/	<=30	Pass
		Outer Full	21.49	/	/	19.81	/	/	<=30	Pass
		Inner Full	21.86	/	/	20.18	/	/	<=30	Pass
		Inner 1RB Left	21.66	/	/	19.98	/	/	<=30	Pass
		Inner 1RB Right	21.96	/	/	20.28	/	/	<=30	Pass
	3750	Edge 1RB Left	22.85	/	/	21.17	/	/	<=30	Pass
		Edge 1RB Right	22.61	/	/	20.93	/	/	<=30	Pass
		Outer Full	21.84	/	/	20.16	/	/	<=30	Pass
		Inner Full	22.17	/	/	20.49	/	/	<=30	Pass
		Inner 1RB Left	22.34	/	/	20.66	/	/	<=30	Pass
		Inner 1RB Right	22.59	/	/	20.91	/	/	<=30	Pass
	3795	Edge 1RB Left	21.85	/	/	20.17	/	/	<=30	Pass
		Edge 1RB Right	21.48	/	/	19.80	/	/	<=30	Pass
		Outer Full	21.00	/	/	19.32	/	/	<=30	Pass
		Inner Full	21.36	/	/	19.68	/	/	<=30	Pass
		Inner 1RB Left	21.27	/	/	19.59	/	/	<=30	Pass
		Inner 1RB Right	21.49	/	/	19.81	/	/	<=30	Pass
CP-OFDM 256 QAM	3705	Edge 1RB Left	19.32	/	/	17.64	/	/	<=30	Pass
		Edge 1RB Right	19.01	/	/	17.33	/	/	<=30	Pass
		Outer Full	18.33	/	/	16.65	/	/	<=30	Pass
		Inner Full	18.75	/	/	17.07	/	/	<=30	Pass
		Inner 1RB Left	18.68	/	/	17.00	/	/	<=30	Pass
		Inner 1RB Right	19.03	/	/	17.35	/	/	<=30	Pass
	3750	Edge 1RB Left	19.69	/	/	18.01	/	/	<=30	Pass
		Edge 1RB Right	19.37	/	/	17.69	/	/	<=30	Pass
		Outer Full	18.68	/	/	17.00	/	/	<=30	Pass
		Inner Full	19.09	/	/	17.41	/	/	<=30	Pass
		Inner 1RB Left	19.07	/	/	17.39	/	/	<=30	Pass
		Inner 1RB Right	19.38	/	/	17.70	/	/	<=30	Pass
	3795	Edge 1RB Left	18.97	/	/	17.29	/	/	<=30	Pass
		Edge 1RB Right	18.56	/	/	16.88	/	/	<=30	Pass
		Outer Full	17.86	/	/	16.18	/	/	<=30	Pass
		Inner Full	18.26	/	/	16.58	/	/	<=30	Pass
		Inner 1RB Left	18.33	/	/	16.65	/	/	<=30	Pass
		Inner 1RB Right	18.58	/	/	16.90	/	/	<=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 NTNv										
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	22.90	/	/	21.22	/	/	<=30	Pass
		Edge 1RB Right	22.70	/	/	21.02	/	/	<=30	Pass
		Outer Full	22.30	/	/	20.62	/	/	<=30	Pass
		Inner Full	22.12	/	/	20.44	/	/	<=30	Pass
		Inner 1RB Left	22.74	/	/	21.06	/	/	<=30	Pass
		Inner 1RB Right	22.70	/	/	21.02	/	/	<=30	Pass
	3750	Edge 1RB Left	23.18	/	/	21.50	/	/	<=30	Pass
		Edge 1RB Right	22.91	/	/	21.23	/	/	<=30	Pass
		Outer Full	22.68	/	/	21.00	/	/	<=30	Pass
		Inner Full	22.34	/	/	20.66	/	/	<=30	Pass
		Inner 1RB Left	22.94	/	/	21.26	/	/	<=30	Pass
		Inner 1RB Right	22.90	/	/	21.22	/	/	<=30	Pass
	3792.495	Edge 1RB Left	22.65	/	/	20.97	/	/	<=30	Pass
		Edge 1RB Right	22.28	/	/	20.60	/	/	<=30	Pass

		Outer Full	21.92	/	/	20.24	/	/	<=30	Pass
		Inner Full	21.69	/	/	20.01	/	/	<=30	Pass
		Inner 1RB Left	22.46	/	/	20.78	/	/	<=30	Pass
		Inner 1RB Right	22.28	/	/	20.60	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3707.505	Edge 1RB Left	22.66	/	/	20.98	/	/	<=30	Pass
		Edge 1RB Right	22.48	/	/	20.80	/	/	<=30	Pass
		Outer Full	22.23	/	/	20.55	/	/	<=30	Pass
		Inner Full	21.99	/	/	20.31	/	/	<=30	Pass
		Inner 1RB Left	22.49	/	/	20.81	/	/	<=30	Pass
		Inner 1RB Right	22.46	/	/	20.78	/	/	<=30	Pass
		Edge 1RB Left	23.04	/	/	21.36	/	/	<=30	Pass
		Edge 1RB Right	22.89	/	/	21.21	/	/	<=30	Pass
	3750	Outer Full	22.45	/	/	20.77	/	/	<=30	Pass
		Inner Full	22.38	/	/	20.70	/	/	<=30	Pass
		Inner 1RB Left	22.89	/	/	21.21	/	/	<=30	Pass
		Inner 1RB Right	22.86	/	/	21.18	/	/	<=30	Pass
	3792.495	Edge 1RB Left	22.29	/	/	20.61	/	/	<=30	Pass
		Edge 1RB Right	21.93	/	/	20.25	/	/	<=30	Pass
		Outer Full	21.82	/	/	20.14	/	/	<=30	Pass
		Inner Full	21.60	/	/	19.92	/	/	<=30	Pass
		Inner 1RB Left	22.11	/	/	20.43	/	/	<=30	Pass
		Inner 1RB Right	21.91	/	/	20.23	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3707.505	Edge 1RB Left	22.77	/	/	21.09	/	/	<=30	Pass
		Edge 1RB Right	22.59	/	/	20.91	/	/	<=30	Pass
		Outer Full	22.17	/	/	20.49	/	/	<=30	Pass
		Inner Full	21.99	/	/	20.31	/	/	<=30	Pass
		Inner 1RB Left	22.60	/	/	20.92	/	/	<=30	Pass
		Inner 1RB Right	22.56	/	/	20.88	/	/	<=30	Pass
	3750	Edge 1RB Left	23.13	/	/	21.45	/	/	<=30	Pass
		Edge 1RB Right	23.01	/	/	21.33	/	/	<=30	Pass
		Outer Full	22.57	/	/	20.89	/	/	<=30	Pass
		Inner Full	22.38	/	/	20.70	/	/	<=30	Pass
		Inner 1RB Left	23.01	/	/	21.33	/	/	<=30	Pass
		Inner 1RB Right	22.96	/	/	21.28	/	/	<=30	Pass
	3792.495	Edge 1RB Left	22.72	/	/	21.04	/	/	<=30	Pass
		Edge 1RB Right	22.34	/	/	20.66	/	/	<=30	Pass
		Outer Full	21.80	/	/	20.12	/	/	<=30	Pass
		Inner Full	21.59	/	/	19.91	/	/	<=30	Pass
		Inner 1RB Left	22.53	/	/	20.85	/	/	<=30	Pass
		Inner 1RB Right	22.33	/	/	20.65	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3707.505	Edge 1RB Left	21.55	/	/	19.87	/	/	<=30	Pass
		Edge 1RB Right	21.34	/	/	19.66	/	/	<=30	Pass
		Outer Full	20.56	/	/	18.88	/	/	<=30	Pass
		Inner Full	20.85	/	/	19.17	/	/	<=30	Pass
		Inner 1RB Left	21.36	/	/	19.68	/	/	<=30	Pass
		Inner 1RB Right	21.32	/	/	19.64	/	/	<=30	Pass
	3750	Edge 1RB Left	21.94	/	/	20.26	/	/	<=30	Pass
		Edge 1RB Right	21.74	/	/	20.06	/	/	<=30	Pass
		Outer Full	20.96	/	/	19.28	/	/	<=30	Pass
		Inner Full	21.25	/	/	19.57	/	/	<=30	Pass
		Inner 1RB Left	21.77	/	/	20.09	/	/	<=30	Pass
		Inner 1RB Right	21.73	/	/	20.05	/	/	<=30	Pass
	3792.495	Edge 1RB Left	21.23	/	/	19.55	/	/	<=30	Pass
		Edge 1RB Right	20.84	/	/	19.16	/	/	<=30	Pass
		Outer Full	20.11	/	/	18.43	/	/	<=30	Pass
		Inner Full	20.37	/	/	18.69	/	/	<=30	Pass
		Inner 1RB Left	21.05	/	/	19.37	/	/	<=30	Pass
		Inner 1RB Right	20.84	/	/	19.16	/	/	<=30	Pass
CP-OFDM QPSK	3707.505	Edge 1RB Left	22.68	/	/	21.00	/	/	<=30	Pass

		Edge_1RB_Right	22.53	/	/	20.85	/	/	<=30	Pass
		Outer_Full	22.05	/	/	20.37	/	/	<=30	Pass
		Inner_Full	21.93	/	/	20.25	/	/	<=30	Pass
		Inner_1RB_Left	22.44	/	/	20.76	/	/	<=30	Pass
		Inner_1RB_Right	22.59	/	/	20.91	/	/	<=30	Pass
		Edge_1RB_Left	22.86	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	20.99	/	/	<=30	Pass
		Outer_Full	22.46	/	/	20.78	/	/	<=30	Pass
		Inner_Full	22.15	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Left	22.72	/	/	21.04	/	/	<=30	Pass
		Inner_1RB_Right	22.71	/	/	21.03	/	/	<=30	Pass
		Edge_1RB_Left	22.28	/	/	20.60	/	/	<=30	Pass
		Edge_1RB_Right	22.00	/	/	20.32	/	/	<=30	Pass
		Outer_Full	21.68	/	/	20.00	/	/	<=30	Pass
		Inner_Full	21.48	/	/	19.80	/	/	<=30	Pass
	Inner_1RB_Left	22.17	/	/	20.49	/	/	<=30	Pass	
	Inner_1RB_Right	22.03	/	/	20.35	/	/	<=30	Pass	
	CP-OFDM 16 QAM	3707.505	Edge_1RB_Left	22.49	/	/	20.81	/	/	<=30
Edge_1RB_Right			22.37	/	/	20.69	/	/	<=30	Pass
Outer_Full			22.11	/	/	20.43	/	/	<=30	Pass
Inner_Full			21.86	/	/	20.18	/	/	<=30	Pass
Inner_1RB_Left			22.39	/	/	20.71	/	/	<=30	Pass
Inner_1RB_Right			22.43	/	/	20.75	/	/	<=30	Pass
3750		Edge_1RB_Left	22.88	/	/	21.20	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	21.09	/	/	<=30	Pass
		Outer_Full	22.33	/	/	20.65	/	/	<=30	Pass
		Inner_Full	22.26	/	/	20.58	/	/	<=30	Pass
		Inner_1RB_Left	22.79	/	/	21.11	/	/	<=30	Pass
		Inner_1RB_Right	22.83	/	/	21.15	/	/	<=30	Pass
3792.495		Edge_1RB_Left	22.09	/	/	20.41	/	/	<=30	Pass
		Edge_1RB_Right	21.75	/	/	20.07	/	/	<=30	Pass
		Outer_Full	21.68	/	/	20.00	/	/	<=30	Pass
		Inner_Full	21.44	/	/	19.76	/	/	<=30	Pass
		Inner_1RB_Left	21.97	/	/	20.29	/	/	<=30	Pass
		Inner_1RB_Right	21.81	/	/	20.13	/	/	<=30	Pass
CP-OFDM 64 QAM	3707.505	Edge_1RB_Left	22.58	/	/	20.90	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	20.79	/	/	<=30	Pass
		Outer_Full	21.62	/	/	19.94	/	/	<=30	Pass
		Inner_Full	21.88	/	/	20.20	/	/	<=30	Pass
		Inner_1RB_Left	22.49	/	/	20.81	/	/	<=30	Pass
		Inner_1RB_Right	22.50	/	/	20.82	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.99	/	/	21.31	/	/	<=30	Pass
		Edge_1RB_Right	22.85	/	/	21.17	/	/	<=30	Pass
		Outer_Full	22.01	/	/	20.33	/	/	<=30	Pass
		Inner_Full	22.27	/	/	20.59	/	/	<=30	Pass
		Inner_1RB_Left	22.87	/	/	21.19	/	/	<=30	Pass
		Inner_1RB_Right	22.89	/	/	21.21	/	/	<=30	Pass
	3792.495	Edge_1RB_Left	22.48	/	/	20.80	/	/	<=30	Pass
		Edge_1RB_Right	22.16	/	/	20.48	/	/	<=30	Pass
		Outer_Full	21.21	/	/	19.53	/	/	<=30	Pass
		Inner_Full	21.47	/	/	19.79	/	/	<=30	Pass
		Inner_1RB_Left	22.36	/	/	20.68	/	/	<=30	Pass
		Inner_1RB_Right	22.20	/	/	20.52	/	/	<=30	Pass
CP-OFDM 256 QAM	3707.505	Edge_1RB_Left	19.70	/	/	18.02	/	/	<=30	Pass
		Edge_1RB_Right	19.45	/	/	17.77	/	/	<=30	Pass
		Outer_Full	18.46	/	/	16.78	/	/	<=30	Pass
		Inner_Full	18.74	/	/	17.06	/	/	<=30	Pass
		Inner_1RB_Left	19.53	/	/	17.85	/	/	<=30	Pass
Inner_1RB_Right	19.51	/	/	17.83	/	/	<=30	Pass		

	3750	Edge_1RB_Left	20.04	/	/	18.36	/	/	<=30	Pass
		Edge_1RB_Right	19.86	/	/	18.18	/	/	<=30	Pass
		Outer_Full	18.86	/	/	17.18	/	/	<=30	Pass
		Inner_Full	19.14	/	/	17.46	/	/	<=30	Pass
		Inner_1RB_Left	19.93	/	/	18.25	/	/	<=30	Pass
		Inner_1RB_Right	19.92	/	/	18.24	/	/	<=30	Pass
	3792.495	Edge_1RB_Left	19.32	/	/	17.64	/	/	<=30	Pass
		Edge_1RB_Right	18.89	/	/	17.21	/	/	<=30	Pass
		Outer_Full	18.05	/	/	16.37	/	/	<=30	Pass
		Inner_Full	18.33	/	/	16.65	/	/	<=30	Pass
		Inner_1RB_Left	19.15	/	/	17.47	/	/	<=30	Pass
		Inner_1RB_Right	18.95	/	/	17.27	/	/	<=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	23.08	/	/	21.40	/	/	<=30	Pass
		Edge 1RB Right	22.84	/	/	21.16	/	/	<=30	Pass
		Outer Full	22.31	/	/	20.63	/	/	<=30	Pass
		Inner Full	22.02	/	/	20.34	/	/	<=30	Pass
		Inner 1RB Left	22.94	/	/	21.26	/	/	<=30	Pass
		Inner 1RB Right	22.84	/	/	21.16	/	/	<=30	Pass
	3750	Edge 1RB Left	23.34	/	/	21.66	/	/	<=30	Pass
		Edge 1RB Right	23.02	/	/	21.34	/	/	<=30	Pass
		Outer Full	22.66	/	/	20.98	/	/	<=30	Pass
		Inner Full	22.23	/	/	20.55	/	/	<=30	Pass
		Inner 1RB Left	23.14	/	/	21.46	/	/	<=30	Pass
		Inner 1RB Right	23.04	/	/	21.36	/	/	<=30	Pass
	3789.99	Edge 1RB Left	23.01	/	/	21.33	/	/	<=30	Pass
		Edge 1RB Right	22.62	/	/	20.94	/	/	<=30	Pass
		Outer Full	22.17	/	/	20.49	/	/	<=30	Pass
		Inner Full	21.84	/	/	20.16	/	/	<=30	Pass
		Inner 1RB Left	22.86	/	/	21.18	/	/	<=30	Pass
		Inner 1RB Right	22.61	/	/	20.93	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Edge 1RB Left	22.89	/	/	21.21	/	/	<=30	Pass
		Edge 1RB Right	22.66	/	/	20.98	/	/	<=30	Pass
		Outer Full	22.26	/	/	20.58	/	/	<=30	Pass
		Inner Full	21.87	/	/	20.19	/	/	<=30	Pass
		Inner 1RB Left	22.73	/	/	21.05	/	/	<=30	Pass
		Inner 1RB Right	22.67	/	/	20.99	/	/	<=30	Pass
	3750	Edge 1RB Left	23.05	/	/	21.37	/	/	<=30	Pass
		Edge 1RB Right	22.82	/	/	21.14	/	/	<=30	Pass
		Outer Full	22.46	/	/	20.78	/	/	<=30	Pass
		Inner Full	22.28	/	/	20.60	/	/	<=30	Pass
		Inner 1RB Left	22.92	/	/	21.24	/	/	<=30	Pass
		Inner 1RB Right	22.86	/	/	21.18	/	/	<=30	Pass
	3789.99	Edge 1RB Left	22.89	/	/	21.21	/	/	<=30	Pass
		Edge 1RB Right	22.41	/	/	20.73	/	/	<=30	Pass
		Outer Full	22.07	/	/	20.39	/	/	<=30	Pass
		Inner Full	21.72	/	/	20.04	/	/	<=30	Pass
		Inner 1RB Left	22.75	/	/	21.07	/	/	<=30	Pass
		Inner 1RB Right	22.43	/	/	20.75	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3710.01	Edge 1RB Left	22.73	/	/	21.05	/	/	<=30	Pass
		Edge 1RB Right	22.52	/	/	20.84	/	/	<=30	Pass

		Outer Full	22.14	/	/	20.46	/	/	<=30	Pass
		Inner Full	21.86	/	/	20.18	/	/	<=30	Pass
		Inner 1RB Left	22.61	/	/	20.93	/	/	<=30	Pass
		Inner 1RB Right	22.54	/	/	20.86	/	/	<=30	Pass
	3750	Edge 1RB Left	23.44	/	/	21.76	/	/	<=30	Pass
		Edge 1RB Right	23.27	/	/	21.59	/	/	<=30	Pass
		Outer Full	22.55	/	/	20.87	/	/	<=30	Pass
		Inner Full	22.26	/	/	20.58	/	/	<=30	Pass
		Inner 1RB Left	23.30	/	/	21.62	/	/	<=30	Pass
		Inner 1RB Right	23.25	/	/	21.57	/	/	<=30	Pass
	3789.99	Edge 1RB Left	22.76	/	/	21.08	/	/	<=30	Pass
		Edge 1RB Right	22.29	/	/	20.61	/	/	<=30	Pass
		Outer Full	22.01	/	/	20.33	/	/	<=30	Pass
		Inner Full	21.71	/	/	20.03	/	/	<=30	Pass
		Inner 1RB Left	22.62	/	/	20.94	/	/	<=30	Pass
		Inner 1RB Right	22.32	/	/	20.64	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3710.01	Edge 1RB Left	21.71	/	/	20.03	/	/	<=30	Pass
		Edge 1RB Right	21.47	/	/	19.79	/	/	<=30	Pass
		Outer Full	20.58	/	/	18.90	/	/	<=30	Pass
		Inner Full	20.71	/	/	19.03	/	/	<=30	Pass
		Inner 1RB Left	21.54	/	/	19.86	/	/	<=30	Pass
		Inner 1RB Right	21.47	/	/	19.79	/	/	<=30	Pass
	3750	Edge 1RB Left	22.07	/	/	20.39	/	/	<=30	Pass
		Edge 1RB Right	21.86	/	/	20.18	/	/	<=30	Pass
		Outer Full	21.00	/	/	19.32	/	/	<=30	Pass
		Inner Full	21.15	/	/	19.47	/	/	<=30	Pass
		Inner 1RB Left	21.92	/	/	20.24	/	/	<=30	Pass
		Inner 1RB Right	21.87	/	/	20.19	/	/	<=30	Pass
	3789.99	Edge 1RB Left	21.68	/	/	20.00	/	/	<=30	Pass
		Edge 1RB Right	21.19	/	/	19.51	/	/	<=30	Pass
		Outer Full	20.39	/	/	18.71	/	/	<=30	Pass
		Inner Full	20.52	/	/	18.84	/	/	<=30	Pass
		Inner 1RB Left	21.53	/	/	19.85	/	/	<=30	Pass
		Inner 1RB Right	21.21	/	/	19.53	/	/	<=30	Pass
CP-OFDM QPSK	3710.01	Edge 1RB Left	22.76	/	/	21.08	/	/	<=30	Pass
		Edge 1RB Right	22.59	/	/	20.91	/	/	<=30	Pass
		Outer Full	22.11	/	/	20.43	/	/	<=30	Pass
		Inner Full	21.82	/	/	20.14	/	/	<=30	Pass
		Inner 1RB Left	22.68	/	/	21.00	/	/	<=30	Pass
		Inner 1RB Right	22.65	/	/	20.97	/	/	<=30	Pass
	3750	Edge 1RB Left	22.99	/	/	21.31	/	/	<=30	Pass
		Edge 1RB Right	22.81	/	/	21.13	/	/	<=30	Pass
		Outer Full	22.51	/	/	20.83	/	/	<=30	Pass
		Inner Full	22.09	/	/	20.41	/	/	<=30	Pass
		Inner 1RB Left	22.93	/	/	21.25	/	/	<=30	Pass
		Inner 1RB Right	22.86	/	/	21.18	/	/	<=30	Pass
	3789.99	Edge 1RB Left	22.71	/	/	21.03	/	/	<=30	Pass
		Edge 1RB Right	22.37	/	/	20.69	/	/	<=30	Pass
		Outer Full	21.97	/	/	20.29	/	/	<=30	Pass
		Inner Full	21.62	/	/	19.94	/	/	<=30	Pass
		Inner 1RB Left	22.63	/	/	20.95	/	/	<=30	Pass
		Inner 1RB Right	22.43	/	/	20.75	/	/	<=30	Pass
CP-OFDM 16 QAM	3710.01	Edge 1RB Left	22.60	/	/	20.92	/	/	<=30	Pass
		Edge 1RB Right	22.45	/	/	20.77	/	/	<=30	Pass
		Outer Full	22.13	/	/	20.45	/	/	<=30	Pass
		Inner Full	21.73	/	/	20.05	/	/	<=30	Pass
		Inner 1RB Left	22.54	/	/	20.86	/	/	<=30	Pass
		Inner 1RB Right	22.51	/	/	20.83	/	/	<=30	Pass
	3750	Edge 1RB Left	22.99	/	/	21.31	/	/	<=30	Pass

		Edge_1RB_Right	22.85	/	/	21.17	/	/	<=30	Pass
		Outer_Full	22.38	/	/	20.70	/	/	<=30	Pass
		Inner_Full	22.18	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Left	22.93	/	/	21.25	/	/	<=30	Pass
		Inner_1RB_Right	22.94	/	/	21.26	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	22.63	/	/	20.95	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	20.56	/	/	<=30	Pass
		Outer_Full	21.94	/	/	20.26	/	/	<=30	Pass
		Inner_Full	21.57	/	/	19.89	/	/	<=30	Pass
		Inner_1RB_Left	22.56	/	/	20.88	/	/	<=30	Pass
	Inner_1RB_Right	22.31	/	/	20.63	/	/	<=30	Pass	
CP-OFDM 64 QAM	3710.01	Edge_1RB_Left	22.58	/	/	20.90	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	20.74	/	/	<=30	Pass
		Outer_Full	21.62	/	/	19.94	/	/	<=30	Pass
		Inner_Full	21.72	/	/	20.04	/	/	<=30	Pass
		Inner_1RB_Left	22.50	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Right	22.48	/	/	20.80	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.23	/	/	21.55	/	/	<=30	Pass
		Edge_1RB_Right	22.85	/	/	21.17	/	/	<=30	Pass
		Outer_Full	22.06	/	/	20.38	/	/	<=30	Pass
		Inner_Full	22.18	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Left	22.91	/	/	21.23	/	/	<=30	Pass
		Inner_1RB_Right	23.19	/	/	21.51	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	22.60	/	/	20.92	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	20.51	/	/	<=30	Pass
		Outer_Full	21.49	/	/	19.81	/	/	<=30	Pass
Inner_Full		21.56	/	/	19.88	/	/	<=30	Pass	
Inner_1RB_Left		22.52	/	/	20.84	/	/	<=30	Pass	
Inner_1RB_Right		22.24	/	/	20.56	/	/	<=30	Pass	
CP-OFDM 256 QAM	3710.01	Edge_1RB_Left	19.81	/	/	18.13	/	/	<=30	Pass
		Edge_1RB_Right	19.58	/	/	17.90	/	/	<=30	Pass
		Outer_Full	18.51	/	/	16.83	/	/	<=30	Pass
		Inner_Full	18.62	/	/	16.94	/	/	<=30	Pass
		Inner_1RB_Left	19.64	/	/	17.96	/	/	<=30	Pass
		Inner_1RB_Right	19.61	/	/	17.93	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.19	/	/	18.51	/	/	<=30	Pass
		Edge_1RB_Right	19.93	/	/	18.25	/	/	<=30	Pass
		Outer_Full	18.95	/	/	17.27	/	/	<=30	Pass
		Inner_Full	19.10	/	/	17.42	/	/	<=30	Pass
		Inner_1RB_Left	20.07	/	/	18.39	/	/	<=30	Pass
		Inner_1RB_Right	19.98	/	/	18.30	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	19.77	/	/	18.09	/	/	<=30	Pass
		Edge_1RB_Right	19.34	/	/	17.66	/	/	<=30	Pass
		Outer_Full	18.39	/	/	16.71	/	/	<=30	Pass
Inner_Full		18.48	/	/	16.80	/	/	<=30	Pass	
Inner_1RB_Left		19.66	/	/	17.98	/	/	<=30	Pass	
	Inner_1RB_Right	19.36	/	/	17.68	/	/	<=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 (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	22.44	/	/	20.76	/	/	<=30	Pass
		Edge_1RB_Right	22.13	/	/	20.45	/	/	<=30	Pass
		Outer_Full	22.56	/	/	20.88	/	/	<=30	Pass

		Inner Full	22.26	/	/	20.58	/	/	<=30	Pass
		Inner 1RB Left	22.13	/	/	20.45	/	/	<=30	Pass
		Inner 1RB Right	22.26	/	/	20.58	/	/	<=30	Pass
	3750	Edge 1RB Left	22.58	/	/	20.90	/	/	<=30	Pass
		Edge 1RB Right	22.13	/	/	20.45	/	/	<=30	Pass
		Outer Full	22.73	/	/	21.05	/	/	<=30	Pass
		Inner Full	22.31	/	/	20.63	/	/	<=30	Pass
		Inner 1RB Left	22.24	/	/	20.56	/	/	<=30	Pass
		Inner 1RB Right	22.27	/	/	20.59	/	/	<=30	Pass
		Edge 1RB Left	22.16	/	/	20.48	/	/	<=30	Pass
	3787.5	Edge 1RB Right	21.67	/	/	19.99	/	/	<=30	Pass
		Outer Full	22.15	/	/	20.47	/	/	<=30	Pass
		Inner Full	21.84	/	/	20.16	/	/	<=30	Pass
		Inner 1RB Left	21.84	/	/	20.16	/	/	<=30	Pass
		Inner 1RB Right	21.82	/	/	20.14	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3712.5	Edge 1RB Left	22.24	/	/	20.56	/	/	<=30	Pass
		Edge 1RB Right	21.99	/	/	20.31	/	/	<=30	Pass
		Outer Full	22.51	/	/	20.83	/	/	<=30	Pass
		Inner Full	22.09	/	/	20.41	/	/	<=30	Pass
		Inner 1RB Left	21.99	/	/	20.31	/	/	<=30	Pass
		Inner 1RB Right	22.12	/	/	20.44	/	/	<=30	Pass
		Edge 1RB Left	22.42	/	/	20.74	/	/	<=30	Pass
	3750	Edge 1RB Right	22.11	/	/	20.43	/	/	<=30	Pass
		Outer Full	22.52	/	/	20.84	/	/	<=30	Pass
		Inner Full	22.30	/	/	20.62	/	/	<=30	Pass
		Inner 1RB Left	22.20	/	/	20.52	/	/	<=30	Pass
		Inner 1RB Right	22.26	/	/	20.58	/	/	<=30	Pass
	3787.5	Edge 1RB Left	22.04	/	/	20.36	/	/	<=30	Pass
		Edge 1RB Right	21.49	/	/	19.81	/	/	<=30	Pass
		Outer Full	22.08	/	/	20.40	/	/	<=30	Pass
		Inner Full	21.72	/	/	20.04	/	/	<=30	Pass
		Inner 1RB Left	21.78	/	/	20.10	/	/	<=30	Pass
		Inner 1RB Right	21.65	/	/	19.97	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3712.5	Edge 1RB Left	22.15	/	/	20.47	/	/	<=30	Pass
		Edge 1RB Right	21.84	/	/	20.16	/	/	<=30	Pass
		Outer Full	22.40	/	/	20.72	/	/	<=30	Pass
		Inner Full	22.11	/	/	20.43	/	/	<=30	Pass
		Inner 1RB Left	21.85	/	/	20.17	/	/	<=30	Pass
		Inner 1RB Right	21.97	/	/	20.29	/	/	<=30	Pass
		Edge 1RB Left	22.37	/	/	20.69	/	/	<=30	Pass
	3750	Edge 1RB Right	21.99	/	/	20.31	/	/	<=30	Pass
		Outer Full	22.58	/	/	20.90	/	/	<=30	Pass
		Inner Full	22.33	/	/	20.65	/	/	<=30	Pass
		Inner 1RB Left	22.09	/	/	20.41	/	/	<=30	Pass
		Inner 1RB Right	22.14	/	/	20.46	/	/	<=30	Pass
	3787.5	Edge 1RB Left	21.97	/	/	20.29	/	/	<=30	Pass
		Edge 1RB Right	21.36	/	/	19.68	/	/	<=30	Pass
		Outer Full	22.01	/	/	20.33	/	/	<=30	Pass
		Inner Full	21.75	/	/	20.07	/	/	<=30	Pass
		Inner 1RB Left	21.65	/	/	19.97	/	/	<=30	Pass
		Inner 1RB Right	21.53	/	/	19.85	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3712.5	Edge 1RB Left	21.02	/	/	19.34	/	/	<=30	Pass
		Edge 1RB Right	20.76	/	/	19.08	/	/	<=30	Pass
		Outer Full	20.86	/	/	19.18	/	/	<=30	Pass
		Inner Full	20.97	/	/	19.29	/	/	<=30	Pass
		Inner 1RB Left	20.77	/	/	19.09	/	/	<=30	Pass
		Inner 1RB Right	20.92	/	/	19.24	/	/	<=30	Pass
	3750	Edge 1RB Left	21.27	/	/	19.59	/	/	<=30	Pass
		Edge 1RB Right	20.90	/	/	19.22	/	/	<=30	Pass

		Outer Full	21.04	/	/	19.36	/	/	<=30	Pass
		Inner Full	21.22	/	/	19.54	/	/	<=30	Pass
		Inner 1RB Left	20.96	/	/	19.28	/	/	<=30	Pass
		Inner 1RB Right	21.06	/	/	19.38	/	/	<=30	Pass
	3787.5	Edge 1RB Left	20.83	/	/	19.15	/	/	<=30	Pass
		Edge 1RB Right	20.25	/	/	18.57	/	/	<=30	Pass
		Outer Full	20.41	/	/	18.73	/	/	<=30	Pass
		Inner Full	20.54	/	/	18.86	/	/	<=30	Pass
		Inner 1RB Left	20.53	/	/	18.85	/	/	<=30	Pass
		Inner 1RB Right	20.40	/	/	18.72	/	/	<=30	Pass
CP-OFDM QPSK	3712.5	Edge 1RB Left	22.16	/	/	20.48	/	/	<=30	Pass
		Edge 1RB Right	21.96	/	/	20.28	/	/	<=30	Pass
		Outer Full	22.29	/	/	20.61	/	/	<=30	Pass
		Inner Full	22.01	/	/	20.33	/	/	<=30	Pass
		Inner 1RB Left	21.98	/	/	20.30	/	/	<=30	Pass
		Inner 1RB Right	22.10	/	/	20.42	/	/	<=30	Pass
	3750	Edge 1RB Left	22.32	/	/	20.64	/	/	<=30	Pass
		Edge 1RB Right	21.99	/	/	20.31	/	/	<=30	Pass
		Outer Full	22.49	/	/	20.81	/	/	<=30	Pass
		Inner Full	22.09	/	/	20.41	/	/	<=30	Pass
		Inner 1RB Left	22.12	/	/	20.44	/	/	<=30	Pass
		Inner 1RB Right	22.16	/	/	20.48	/	/	<=30	Pass
	3787.5	Edge 1RB Left	21.92	/	/	20.24	/	/	<=30	Pass
		Edge 1RB Right	21.53	/	/	19.85	/	/	<=30	Pass
		Outer Full	21.92	/	/	20.24	/	/	<=30	Pass
		Inner Full	21.62	/	/	19.94	/	/	<=30	Pass
		Inner 1RB Left	21.72	/	/	20.04	/	/	<=30	Pass
		Inner 1RB Right	21.68	/	/	20.00	/	/	<=30	Pass
CP-OFDM 16 QAM	3712.5	Edge 1RB Left	22.05	/	/	20.37	/	/	<=30	Pass
		Edge 1RB Right	21.81	/	/	20.13	/	/	<=30	Pass
		Outer Full	22.30	/	/	20.62	/	/	<=30	Pass
		Inner Full	21.91	/	/	20.23	/	/	<=30	Pass
		Inner 1RB Left	21.84	/	/	20.16	/	/	<=30	Pass
		Inner 1RB Right	22.00	/	/	20.32	/	/	<=30	Pass
	3750	Edge 1RB Left	22.30	/	/	20.62	/	/	<=30	Pass
		Edge 1RB Right	22.04	/	/	20.36	/	/	<=30	Pass
		Outer Full	22.36	/	/	20.68	/	/	<=30	Pass
		Inner Full	22.18	/	/	20.50	/	/	<=30	Pass
		Inner 1RB Left	22.08	/	/	20.40	/	/	<=30	Pass
		Inner 1RB Right	22.18	/	/	20.50	/	/	<=30	Pass
	3787.5	Edge 1RB Left	21.89	/	/	20.21	/	/	<=30	Pass
		Edge 1RB Right	21.41	/	/	19.73	/	/	<=30	Pass
		Outer Full	21.90	/	/	20.22	/	/	<=30	Pass
		Inner Full	21.57	/	/	19.89	/	/	<=30	Pass
		Inner 1RB Left	21.69	/	/	20.01	/	/	<=30	Pass
		Inner 1RB Right	21.56	/	/	19.88	/	/	<=30	Pass
CP-OFDM 64 QAM	3712.5	Edge 1RB Left	22.00	/	/	20.32	/	/	<=30	Pass
		Edge 1RB Right	21.78	/	/	20.10	/	/	<=30	Pass
		Outer Full	21.81	/	/	20.13	/	/	<=30	Pass
		Inner Full	21.92	/	/	20.24	/	/	<=30	Pass
		Inner 1RB Left	21.79	/	/	20.11	/	/	<=30	Pass
		Inner 1RB Right	21.93	/	/	20.25	/	/	<=30	Pass
	3750	Edge 1RB Left	22.28	/	/	20.60	/	/	<=30	Pass
		Edge 1RB Right	22.00	/	/	20.32	/	/	<=30	Pass
		Outer Full	22.05	/	/	20.37	/	/	<=30	Pass
		Inner Full	22.19	/	/	20.51	/	/	<=30	Pass
		Inner 1RB Left	22.06	/	/	20.38	/	/	<=30	Pass
		Inner 1RB Right	22.15	/	/	20.47	/	/	<=30	Pass
	3787.5	Edge 1RB Left	21.84	/	/	20.16	/	/	<=30	Pass

		Edge 1RB Right	21.35	/	/	19.67	/	/	<=30	Pass	
		Outer Full	21.44	/	/	19.76	/	/	<=30	Pass	
		Inner Full	21.58	/	/	19.90	/	/	<=30	Pass	
		Inner 1RB Left	21.62	/	/	19.94	/	/	<=30	Pass	
		Inner 1RB Right	21.48	/	/	19.80	/	/	<=30	Pass	
CP-OFDM 256 QAM	3712.5	Edge 1RB Left	19.07	/	/	17.39	/	/	<=30	Pass	
		Edge 1RB Right	18.78	/	/	17.10	/	/	<=30	Pass	
		Outer Full	18.69	/	/	17.01	/	/	<=30	Pass	
		Inner Full	18.83	/	/	17.15	/	/	<=30	Pass	
		Inner 1RB Left	18.80	/	/	17.12	/	/	<=30	Pass	
		Inner 1RB Right	18.96	/	/	17.28	/	/	<=30	Pass	
		3750	Edge 1RB Left	19.34	/	/	17.66	/	/	<=30	Pass
			Edge 1RB Right	18.97	/	/	17.29	/	/	<=30	Pass
			Outer Full	18.93	/	/	17.25	/	/	<=30	Pass
			Inner Full	19.12	/	/	17.44	/	/	<=30	Pass
	Inner 1RB Left		19.13	/	/	17.45	/	/	<=30	Pass	
		Inner 1RB Right	19.15	/	/	17.47	/	/	<=30	Pass	
		3787.5	Edge 1RB Left	18.88	/	/	17.20	/	/	<=30	Pass
			Edge 1RB Right	18.33	/	/	16.65	/	/	<=30	Pass
			Outer Full	18.34	/	/	16.66	/	/	<=30	Pass
Inner Full			18.50	/	/	16.82	/	/	<=30	Pass	
Inner 1RB Left	18.64		/	/	16.96	/	/	<=30	Pass		
	Inner 1RB Right	18.49	/	/	16.81	/	/	<=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	22.98	/	/	21.30	/	/	<=30	Pass
		Edge 1RB Right	22.91	/	/	21.23	/	/	<=30	Pass
		Outer Full	22.35	/	/	20.67	/	/	<=30	Pass
		Inner Full	21.99	/	/	20.31	/	/	<=30	Pass
		Inner 1RB Left	22.90	/	/	21.22	/	/	<=30	Pass
		Inner 1RB Right	22.92	/	/	21.24	/	/	<=30	Pass
	3750	Edge 1RB Left	23.21	/	/	21.53	/	/	<=30	Pass
		Edge 1RB Right	22.86	/	/	21.18	/	/	<=30	Pass
		Outer Full	22.58	/	/	20.90	/	/	<=30	Pass
		Inner Full	22.10	/	/	20.42	/	/	<=30	Pass
		Inner 1RB Left	23.11	/	/	21.43	/	/	<=30	Pass
		Inner 1RB Right	22.88	/	/	21.20	/	/	<=30	Pass
	3784.995	Edge 1RB Left	23.21	/	/	21.53	/	/	<=30	Pass
		Edge 1RB Right	22.61	/	/	20.93	/	/	<=30	Pass
		Outer Full	22.32	/	/	20.64	/	/	<=30	Pass
		Inner Full	21.93	/	/	20.25	/	/	<=30	Pass
		Inner 1RB Left	23.12	/	/	21.44	/	/	<=30	Pass
		Inner 1RB Right	22.62	/	/	20.94	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.005	Edge 1RB Left	22.74	/	/	21.06	/	/	<=30	Pass
		Edge 1RB Right	22.75	/	/	21.07	/	/	<=30	Pass
		Outer Full	22.29	/	/	20.61	/	/	<=30	Pass
		Inner Full	21.85	/	/	20.17	/	/	<=30	Pass
		Inner 1RB Left	22.67	/	/	20.99	/	/	<=30	Pass
		Inner 1RB Right	22.76	/	/	21.08	/	/	<=30	Pass
	3750	Edge 1RB Left	23.04	/	/	21.36	/	/	<=30	Pass
		Edge 1RB Right	22.79	/	/	21.11	/	/	<=30	Pass
	Outer Full	22.37	/	/	20.69	/	/	<=30	Pass	

		Inner Full	22.10	/	/	20.42	/	/	<=30	Pass
		Inner 1RB Left	22.97	/	/	21.29	/	/	<=30	Pass
		Inner 1RB Right	22.80	/	/	21.12	/	/	<=30	Pass
	3784.995	Edge 1RB Left	23.09	/	/	21.41	/	/	<=30	Pass
		Edge 1RB Right	22.39	/	/	20.71	/	/	<=30	Pass
		Outer Full	22.21	/	/	20.53	/	/	<=30	Pass
		Inner Full	21.84	/	/	20.16	/	/	<=30	Pass
		Inner 1RB Left	23.03	/	/	21.35	/	/	<=30	Pass
		Inner 1RB Right	22.40	/	/	20.72	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3715.005	Edge 1RB Left	22.84	/	/	21.16	/	/	<=30	Pass
		Edge 1RB Right	22.85	/	/	21.17	/	/	<=30	Pass
		Outer Full	22.21	/	/	20.53	/	/	<=30	Pass
		Inner Full	21.85	/	/	20.17	/	/	<=30	Pass
		Inner 1RB Left	22.77	/	/	21.09	/	/	<=30	Pass
		Inner 1RB Right	22.86	/	/	21.18	/	/	<=30	Pass
	3750	Edge 1RB Left	23.12	/	/	21.44	/	/	<=30	Pass
		Edge 1RB Right	22.88	/	/	21.20	/	/	<=30	Pass
		Outer Full	22.42	/	/	20.74	/	/	<=30	Pass
		Inner Full	22.10	/	/	20.42	/	/	<=30	Pass
		Inner 1RB Left	23.07	/	/	21.39	/	/	<=30	Pass
		Inner 1RB Right	22.92	/	/	21.24	/	/	<=30	Pass
	3784.995	Edge 1RB Left	23.19	/	/	21.51	/	/	<=30	Pass
		Edge 1RB Right	22.50	/	/	20.82	/	/	<=30	Pass
		Outer Full	22.19	/	/	20.51	/	/	<=30	Pass
		Inner Full	21.85	/	/	20.17	/	/	<=30	Pass
		Inner 1RB Left	23.12	/	/	21.44	/	/	<=30	Pass
		Inner 1RB Right	22.51	/	/	20.83	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3715.005	Edge 1RB Left	21.63	/	/	19.95	/	/	<=30	Pass
		Edge 1RB Right	21.61	/	/	19.93	/	/	<=30	Pass
		Outer Full	20.65	/	/	18.97	/	/	<=30	Pass
		Inner Full	20.69	/	/	19.01	/	/	<=30	Pass
		Inner 1RB Left	21.57	/	/	19.89	/	/	<=30	Pass
		Inner 1RB Right	21.65	/	/	19.97	/	/	<=30	Pass
	3750	Edge 1RB Left	21.93	/	/	20.25	/	/	<=30	Pass
		Edge 1RB Right	21.65	/	/	19.97	/	/	<=30	Pass
		Outer Full	20.86	/	/	19.18	/	/	<=30	Pass
		Inner Full	20.95	/	/	19.27	/	/	<=30	Pass
		Inner 1RB Left	21.87	/	/	20.19	/	/	<=30	Pass
		Inner 1RB Right	21.70	/	/	20.02	/	/	<=30	Pass
	3784.995	Edge 1RB Left	21.92	/	/	20.24	/	/	<=30	Pass
		Edge 1RB Right	21.19	/	/	19.51	/	/	<=30	Pass
		Outer Full	20.55	/	/	18.87	/	/	<=30	Pass
		Inner Full	20.62	/	/	18.94	/	/	<=30	Pass
		Inner 1RB Left	21.83	/	/	20.15	/	/	<=30	Pass
		Inner 1RB Right	21.22	/	/	19.54	/	/	<=30	Pass
CP-OFDM QPSK	3715.005	Edge 1RB Left	22.71	/	/	21.03	/	/	<=30	Pass
		Edge 1RB Right	22.62	/	/	20.94	/	/	<=30	Pass
		Outer Full	22.08	/	/	20.40	/	/	<=30	Pass
		Inner Full	21.77	/	/	20.09	/	/	<=30	Pass
		Inner 1RB Left	22.70	/	/	21.02	/	/	<=30	Pass
		Inner 1RB Right	22.72	/	/	21.04	/	/	<=30	Pass
	3750	Edge 1RB Left	22.83	/	/	21.15	/	/	<=30	Pass
		Edge 1RB Right	22.50	/	/	20.82	/	/	<=30	Pass
		Outer Full	22.37	/	/	20.69	/	/	<=30	Pass
		Inner Full	21.91	/	/	20.23	/	/	<=30	Pass
		Inner 1RB Left	22.83	/	/	21.15	/	/	<=30	Pass
		Inner 1RB Right	22.60	/	/	20.92	/	/	<=30	Pass
	3784.995	Edge 1RB Left	22.96	/	/	21.28	/	/	<=30	Pass
		Edge 1RB Right	22.35	/	/	20.67	/	/	<=30	Pass

		Outer Full	22.06	/	/	20.38	/	/	<=30	Pass	
		Inner Full	21.73	/	/	20.05	/	/	<=30	Pass	
		Inner_1RB_Left	22.89	/	/	21.21	/	/	<=30	Pass	
		Inner_1RB_Right	22.40	/	/	20.72	/	/	<=30	Pass	
CP-OFDM 16 QAM	3715.005	Edge_1RB_Left	22.53	/	/	20.85	/	/	<=30	Pass	
		Edge_1RB_Right	22.52	/	/	20.84	/	/	<=30	Pass	
		Outer Full	22.09	/	/	20.41	/	/	<=30	Pass	
		Inner Full	21.68	/	/	20.00	/	/	<=30	Pass	
		Inner_1RB_Left	22.54	/	/	20.86	/	/	<=30	Pass	
		Inner_1RB_Right	22.61	/	/	20.93	/	/	<=30	Pass	
		3750	Edge_1RB_Left	22.86	/	/	21.18	/	/	<=30	Pass
			Edge_1RB_Right	22.60	/	/	20.92	/	/	<=30	Pass
	Outer Full		22.20	/	/	20.52	/	/	<=30	Pass	
	Inner Full		21.97	/	/	20.29	/	/	<=30	Pass	
	Inner_1RB_Left		22.87	/	/	21.19	/	/	<=30	Pass	
	Inner_1RB_Right		22.70	/	/	21.02	/	/	<=30	Pass	
	3784.995	Edge_1RB_Left	22.92	/	/	21.24	/	/	<=30	Pass	
		Edge_1RB_Right	22.20	/	/	20.52	/	/	<=30	Pass	
		Outer Full	22.04	/	/	20.36	/	/	<=30	Pass	
		Inner Full	21.69	/	/	20.01	/	/	<=30	Pass	
Inner_1RB_Left		22.92	/	/	21.24	/	/	<=30	Pass		
Inner_1RB_Right		22.30	/	/	20.62	/	/	<=30	Pass		
CP-OFDM 64 QAM	3715.005	Edge_1RB_Left	22.63	/	/	20.95	/	/	<=30	Pass	
		Edge_1RB_Right	22.60	/	/	20.92	/	/	<=30	Pass	
		Outer Full	21.62	/	/	19.94	/	/	<=30	Pass	
		Inner Full	21.68	/	/	20.00	/	/	<=30	Pass	
		Inner_1RB_Left	22.64	/	/	20.96	/	/	<=30	Pass	
		Inner_1RB_Right	22.70	/	/	21.02	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.96	/	/	21.28	/	/	<=30	Pass	
		Edge_1RB_Right	22.69	/	/	21.01	/	/	<=30	Pass	
		Outer Full	21.86	/	/	20.18	/	/	<=30	Pass	
		Inner Full	21.99	/	/	20.31	/	/	<=30	Pass	
		Inner_1RB_Left	22.98	/	/	21.30	/	/	<=30	Pass	
		Inner_1RB_Right	22.80	/	/	21.12	/	/	<=30	Pass	
	3784.995	Edge_1RB_Left	23.00	/	/	21.32	/	/	<=30	Pass	
		Edge_1RB_Right	22.28	/	/	20.60	/	/	<=30	Pass	
		Outer Full	21.60	/	/	19.92	/	/	<=30	Pass	
		Inner Full	21.70	/	/	20.02	/	/	<=30	Pass	
Inner_1RB_Left		23.01	/	/	21.33	/	/	<=30	Pass		
Inner_1RB_Right		22.39	/	/	20.71	/	/	<=30	Pass		
CP-OFDM 256 QAM	3715.005	Edge_1RB_Left	19.78	/	/	18.10	/	/	<=30	Pass	
		Edge_1RB_Right	19.72	/	/	18.04	/	/	<=30	Pass	
		Outer Full	18.49	/	/	16.81	/	/	<=30	Pass	
		Inner Full	18.56	/	/	16.88	/	/	<=30	Pass	
		Inner_1RB_Left	19.76	/	/	18.08	/	/	<=30	Pass	
		Inner_1RB_Right	19.82	/	/	18.14	/	/	<=30	Pass	
	3750	Edge_1RB_Left	20.15	/	/	18.47	/	/	<=30	Pass	
		Edge_1RB_Right	19.81	/	/	18.13	/	/	<=30	Pass	
		Outer Full	18.76	/	/	17.08	/	/	<=30	Pass	
		Inner Full	18.90	/	/	17.22	/	/	<=30	Pass	
		Inner_1RB_Left	20.14	/	/	18.46	/	/	<=30	Pass	
		Inner_1RB_Right	19.92	/	/	18.24	/	/	<=30	Pass	
	3784.995	Edge_1RB_Left	20.22	/	/	18.54	/	/	<=30	Pass	
		Edge_1RB_Right	19.40	/	/	17.72	/	/	<=30	Pass	
		Outer Full	18.55	/	/	16.87	/	/	<=30	Pass	
		Inner Full	18.64	/	/	16.96	/	/	<=30	Pass	
Inner_1RB_Left		20.18	/	/	18.50	/	/	<=30	Pass		
Inner_1RB_Right		19.51	/	/	17.83	/	/	<=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	23.55	/	/	21.87	/	/	<=30	Pass
		Edge_1RB_Right	23.23	/	/	21.55	/	/	<=30	Pass
		Outer_Full	22.69	/	/	21.01	/	/	<=30	Pass
		Inner_Full	22.18	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Left	23.47	/	/	21.79	/	/	<=30	Pass
		Inner_1RB_Right	23.26	/	/	21.58	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.78	/	/	22.10	/	/	<=30	Pass
		Edge_1RB_Right	23.34	/	/	21.66	/	/	<=30	Pass
		Outer_Full	23.00	/	/	21.32	/	/	<=30	Pass
		Inner_Full	22.37	/	/	20.69	/	/	<=30	Pass
		Inner_1RB_Left	23.72	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Right	23.39	/	/	21.71	/	/	<=30	Pass
	3780	Edge_1RB_Left	23.59	/	/	21.91	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	21.23	/	/	<=30	Pass
		Outer_Full	22.53	/	/	20.85	/	/	<=30	Pass
		Inner_Full	21.98	/	/	20.30	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	21.84	/	/	<=30	Pass
		Inner_1RB_Right	22.95	/	/	21.27	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Edge_1RB_Left	23.17	/	/	21.49	/	/	<=30	Pass
		Edge_1RB_Right	22.99	/	/	21.31	/	/	<=30	Pass
		Outer_Full	22.61	/	/	20.93	/	/	<=30	Pass
		Inner_Full	22.07	/	/	20.39	/	/	<=30	Pass
		Inner_1RB_Left	23.10	/	/	21.42	/	/	<=30	Pass
		Inner_1RB_Right	23.04	/	/	21.36	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.45	/	/	21.77	/	/	<=30	Pass
		Edge_1RB_Right	23.08	/	/	21.40	/	/	<=30	Pass
		Outer_Full	22.78	/	/	21.10	/	/	<=30	Pass
		Inner_Full	22.39	/	/	20.71	/	/	<=30	Pass
		Inner_1RB_Left	23.38	/	/	21.70	/	/	<=30	Pass
		Inner_1RB_Right	23.12	/	/	21.44	/	/	<=30	Pass
	3780	Edge_1RB_Left	23.36	/	/	21.68	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	20.87	/	/	<=30	Pass
		Outer_Full	22.40	/	/	20.72	/	/	<=30	Pass
		Inner_Full	21.92	/	/	20.24	/	/	<=30	Pass
		Inner_1RB_Left	23.31	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Right	22.59	/	/	20.91	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Edge_1RB_Left	23.51	/	/	21.83	/	/	<=30	Pass
		Edge_1RB_Right	23.38	/	/	21.70	/	/	<=30	Pass
		Outer_Full	22.55	/	/	20.87	/	/	<=30	Pass
		Inner_Full	22.05	/	/	20.37	/	/	<=30	Pass
		Inner_1RB_Left	23.45	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Right	23.42	/	/	21.74	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.79	/	/	22.11	/	/	<=30	Pass
		Edge_1RB_Right	23.49	/	/	21.81	/	/	<=30	Pass
		Outer_Full	22.81	/	/	21.13	/	/	<=30	Pass
		Inner_Full	22.37	/	/	20.69	/	/	<=30	Pass
	3780	Inner_1RB_Left	23.74	/	/	22.06	/	/	<=30	Pass
		Inner_1RB_Right	23.51	/	/	21.83	/	/	<=30	Pass
		Edge_1RB_Left	23.72	/	/	22.04	/	/	<=30	Pass
		Edge_1RB_Right	22.96	/	/	21.28	/	/	<=30	Pass

		Outer Full	22.39	/	/	20.71	/	/	<=30	Pass
		Inner Full	21.92	/	/	20.24	/	/	<=30	Pass
		Inner 1RB Left	23.65	/	/	21.97	/	/	<=30	Pass
		Inner 1RB Right	23.00	/	/	21.32	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3720	Edge 1RB Left	22.11	/	/	20.43	/	/	<=30	Pass
		Edge 1RB Right	21.90	/	/	20.22	/	/	<=30	Pass
		Outer Full	20.92	/	/	19.24	/	/	<=30	Pass
		Inner Full	20.84	/	/	19.16	/	/	<=30	Pass
		Inner 1RB Left	22.06	/	/	20.38	/	/	<=30	Pass
		Inner 1RB Right	21.96	/	/	20.28	/	/	<=30	Pass
	3750	Edge 1RB Left	22.51	/	/	20.83	/	/	<=30	Pass
		Edge 1RB Right	22.11	/	/	20.43	/	/	<=30	Pass
		Outer Full	21.26	/	/	19.58	/	/	<=30	Pass
		Inner Full	21.24	/	/	19.56	/	/	<=30	Pass
		Inner 1RB Left	22.44	/	/	20.76	/	/	<=30	Pass
		Inner 1RB Right	22.14	/	/	20.46	/	/	<=30	Pass
	3780	Edge 1RB Left	22.35	/	/	20.67	/	/	<=30	Pass
		Edge 1RB Right	21.50	/	/	19.82	/	/	<=30	Pass
		Outer Full	20.77	/	/	19.09	/	/	<=30	Pass
		Inner Full	20.72	/	/	19.04	/	/	<=30	Pass
		Inner 1RB Left	22.26	/	/	20.58	/	/	<=30	Pass
		Inner 1RB Right	21.52	/	/	19.84	/	/	<=30	Pass
CP-OFDM QPSK	3720	Edge 1RB Left	23.11	/	/	21.43	/	/	<=30	Pass
		Edge 1RB Right	22.91	/	/	21.23	/	/	<=30	Pass
		Outer Full	22.46	/	/	20.78	/	/	<=30	Pass
		Inner Full	21.95	/	/	20.27	/	/	<=30	Pass
		Inner 1RB Left	23.12	/	/	21.44	/	/	<=30	Pass
		Inner 1RB Right	22.90	/	/	21.22	/	/	<=30	Pass
	3750	Edge 1RB Left	23.27	/	/	21.59	/	/	<=30	Pass
		Edge 1RB Right	22.98	/	/	21.30	/	/	<=30	Pass
		Outer Full	22.69	/	/	21.01	/	/	<=30	Pass
		Inner Full	22.10	/	/	20.42	/	/	<=30	Pass
		Inner 1RB Left	23.28	/	/	21.60	/	/	<=30	Pass
		Inner 1RB Right	22.94	/	/	21.26	/	/	<=30	Pass
	3780	Edge 1RB Left	23.17	/	/	21.49	/	/	<=30	Pass
		Edge 1RB Right	22.61	/	/	20.93	/	/	<=30	Pass
		Outer Full	22.29	/	/	20.61	/	/	<=30	Pass
		Inner Full	21.77	/	/	20.09	/	/	<=30	Pass
		Inner 1RB Left	23.19	/	/	21.51	/	/	<=30	Pass
		Inner 1RB Right	22.61	/	/	20.93	/	/	<=30	Pass
CP-OFDM 16 QAM	3720	Edge 1RB Left	22.87	/	/	21.19	/	/	<=30	Pass
		Edge 1RB Right	22.79	/	/	21.11	/	/	<=30	Pass
		Outer Full	22.46	/	/	20.78	/	/	<=30	Pass
		Inner Full	21.88	/	/	20.20	/	/	<=30	Pass
		Inner 1RB Left	23.04	/	/	21.36	/	/	<=30	Pass
		Inner 1RB Right	22.78	/	/	21.10	/	/	<=30	Pass
	3750	Edge 1RB Left	23.13	/	/	21.45	/	/	<=30	Pass
		Edge 1RB Right	22.88	/	/	21.20	/	/	<=30	Pass
		Outer Full	22.57	/	/	20.89	/	/	<=30	Pass
		Inner Full	22.15	/	/	20.47	/	/	<=30	Pass
		Inner 1RB Left	23.14	/	/	21.46	/	/	<=30	Pass
		Inner 1RB Right	22.87	/	/	21.19	/	/	<=30	Pass
	3780	Edge 1RB Left	23.10	/	/	21.42	/	/	<=30	Pass
		Edge 1RB Right	22.39	/	/	20.71	/	/	<=30	Pass
		Outer Full	22.25	/	/	20.57	/	/	<=30	Pass
		Inner Full	21.74	/	/	20.06	/	/	<=30	Pass
		Inner 1RB Left	23.12	/	/	21.44	/	/	<=30	Pass
		Inner 1RB Right	22.38	/	/	20.70	/	/	<=30	Pass
CP-OFDM 64 QAM	3720	Edge 1RB Left	23.25	/	/	21.57	/	/	<=30	Pass

		Edge 1RB Right	23.18	/	/	21.50	/	/	<=30	Pass
		Outer_Full	21.99	/	/	20.31	/	/	<=30	Pass
		Inner_Full	21.89	/	/	20.21	/	/	<=30	Pass
		Inner_1RB_Left	23.27	/	/	21.59	/	/	<=30	Pass
		Inner 1RB Right	23.16	/	/	21.48	/	/	<=30	Pass
	3750	Edge 1RB Left	23.48	/	/	21.80	/	/	<=30	Pass
		Edge 1RB Right	23.25	/	/	21.57	/	/	<=30	Pass
		Outer_Full	22.20	/	/	20.52	/	/	<=30	Pass
		Inner_Full	22.16	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Left	23.49	/	/	21.81	/	/	<=30	Pass
	3780	Inner 1RB Right	23.24	/	/	21.56	/	/	<=30	Pass
		Edge_1RB_Left	23.46	/	/	21.78	/	/	<=30	Pass
		Edge 1RB Right	22.77	/	/	21.09	/	/	<=30	Pass
		Outer_Full	21.85	/	/	20.17	/	/	<=30	Pass
		Inner_Full	21.76	/	/	20.08	/	/	<=30	Pass
CP-OFDM 256 QAM	3720	Inner_1RB_Left	23.49	/	/	21.81	/	/	<=30	Pass
		Inner 1RB Right	22.78	/	/	21.10	/	/	<=30	Pass
		Edge 1RB Left	20.26	/	/	18.58	/	/	<=30	Pass
		Edge 1RB Right	20.06	/	/	18.38	/	/	<=30	Pass
		Outer_Full	18.84	/	/	17.16	/	/	<=30	Pass
		Inner_Full	18.76	/	/	17.08	/	/	<=30	Pass
	3750	Inner_1RB_Left	20.23	/	/	18.55	/	/	<=30	Pass
		Inner 1RB Right	20.08	/	/	18.40	/	/	<=30	Pass
		Edge 1RB Left	20.61	/	/	18.93	/	/	<=30	Pass
		Edge 1RB Right	20.22	/	/	18.54	/	/	<=30	Pass
		Outer_Full	19.13	/	/	17.45	/	/	<=30	Pass
		Inner_Full	19.11	/	/	17.43	/	/	<=30	Pass
	3780	Inner_1RB_Left	20.57	/	/	18.89	/	/	<=30	Pass
		Inner 1RB Right	20.24	/	/	18.56	/	/	<=30	Pass
		Edge_1RB_Left	20.60	/	/	18.92	/	/	<=30	Pass
Edge 1RB Right		19.71	/	/	18.03	/	/	<=30	Pass	
Outer_Full		18.82	/	/	17.14	/	/	<=30	Pass	
	Inner_Full	18.74	/	/	17.06	/	/	<=30	Pass	
	Inner_1RB_Left	20.59	/	/	18.91	/	/	<=30	Pass	
	Inner 1RB Right	19.76	/	/	18.08	/	/	<=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 NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)			Limit	Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum		
DFT-s-OFDM QPSK	3725.01	Edge 1RB Left	22.34	/	/	20.66	/	/	<=30	Pass
		Edge 1RB Right	22.40	/	/	20.72	/	/	<=30	Pass
		Outer Full	22.55	/	/	20.87	/	/	<=30	Pass
		Inner Full	22.01	/	/	20.33	/	/	<=30	Pass
		Inner 1RB Left	22.33	/	/	20.65	/	/	<=30	Pass
		Inner 1RB Right	22.49	/	/	20.81	/	/	<=30	Pass
	3750	Edge 1RB Left	22.82	/	/	21.14	/	/	<=30	Pass
		Edge 1RB Right	22.57	/	/	20.89	/	/	<=30	Pass
		Outer Full	23.13	/	/	21.45	/	/	<=30	Pass
		Inner Full	22.46	/	/	20.78	/	/	<=30	Pass
		Inner 1RB Left	22.90	/	/	21.22	/	/	<=30	Pass
		Inner 1RB Right	22.68	/	/	21.00	/	/	<=30	Pass
	3774.99	Edge 1RB Left	22.97	/	/	21.29	/	/	<=30	Pass
		Edge 1RB Right	22.27	/	/	20.59	/	/	<=30	Pass
		Outer Full	22.88	/	/	21.20	/	/	<=30	Pass

		Inner Full	22.34	/	/	20.66	/	/	<=30	Pass
		Inner 1RB Left	22.97	/	/	21.29	/	/	<=30	Pass
		Inner 1RB Right	22.37	/	/	20.69	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3725.01	Edge 1RB Left	22.13	/	/	20.45	/	/	<=30	Pass
		Edge 1RB Right	22.35	/	/	20.67	/	/	<=30	Pass
		Outer Full	22.46	/	/	20.78	/	/	<=30	Pass
		Inner Full	21.94	/	/	20.26	/	/	<=30	Pass
		Inner 1RB Left	22.14	/	/	20.46	/	/	<=30	Pass
		Inner 1RB Right	22.47	/	/	20.79	/	/	<=30	Pass
		Edge 1RB Left	22.67	/	/	20.99	/	/	<=30	Pass
		Edge 1RB Right	22.43	/	/	20.75	/	/	<=30	Pass
	3750	Outer Full	22.87	/	/	21.19	/	/	<=30	Pass
		Inner Full	22.44	/	/	20.76	/	/	<=30	Pass
		Inner 1RB Left	22.69	/	/	21.01	/	/	<=30	Pass
		Inner 1RB Right	22.54	/	/	20.86	/	/	<=30	Pass
		Edge 1RB Left	22.95	/	/	21.27	/	/	<=30	Pass
		Edge 1RB Right	22.08	/	/	20.40	/	/	<=30	Pass
	3774.99	Outer Full	22.75	/	/	21.07	/	/	<=30	Pass
		Inner Full	22.30	/	/	20.62	/	/	<=30	Pass
		Inner 1RB Left	22.95	/	/	21.27	/	/	<=30	Pass
		Inner 1RB Right	22.18	/	/	20.50	/	/	<=30	Pass
		Edge 1RB Left	22.27	/	/	20.59	/	/	<=30	Pass
		Edge 1RB Right	22.51	/	/	20.83	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3725.01	Outer Full	22.43	/	/	20.75	/	/	<=30	Pass
		Inner Full	21.93	/	/	20.25	/	/	<=30	Pass
		Inner 1RB Left	22.27	/	/	20.59	/	/	<=30	Pass
		Inner 1RB Right	22.38	/	/	20.70	/	/	<=30	Pass
	3750	Edge 1RB Left	22.77	/	/	21.09	/	/	<=30	Pass
		Edge 1RB Right	22.57	/	/	20.89	/	/	<=30	Pass
		Outer Full	22.87	/	/	21.19	/	/	<=30	Pass
		Inner Full	22.42	/	/	20.74	/	/	<=30	Pass
		Inner 1RB Left	22.79	/	/	21.11	/	/	<=30	Pass
		Inner 1RB Right	22.69	/	/	21.01	/	/	<=30	Pass
	3774.99	Edge 1RB Left	22.80	/	/	21.12	/	/	<=30	Pass
		Edge 1RB Right	21.98	/	/	20.30	/	/	<=30	Pass
		Outer Full	22.75	/	/	21.07	/	/	<=30	Pass
		Inner Full	22.29	/	/	20.61	/	/	<=30	Pass
		Inner 1RB Left	22.82	/	/	21.14	/	/	<=30	Pass
		Inner 1RB Right	22.09	/	/	20.41	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3725.01	Edge 1RB Left	20.99	/	/	19.31	/	/	<=30	Pass
		Edge 1RB Right	21.21	/	/	19.53	/	/	<=30	Pass
		Outer Full	20.86	/	/	19.18	/	/	<=30	Pass
		Inner Full	20.80	/	/	19.12	/	/	<=30	Pass
		Inner 1RB Left	21.03	/	/	19.35	/	/	<=30	Pass
		Inner 1RB Right	21.32	/	/	19.64	/	/	<=30	Pass
	3750	Edge 1RB Left	21.53	/	/	19.85	/	/	<=30	Pass
		Edge 1RB Right	21.29	/	/	19.61	/	/	<=30	Pass
		Outer Full	21.31	/	/	19.63	/	/	<=30	Pass
		Inner Full	21.30	/	/	19.62	/	/	<=30	Pass
		Inner 1RB Left	21.54	/	/	19.86	/	/	<=30	Pass
		Inner 1RB Right	21.40	/	/	19.72	/	/	<=30	Pass
	3774.99	Edge 1RB Left	21.70	/	/	20.02	/	/	<=30	Pass
		Edge 1RB Right	20.85	/	/	19.17	/	/	<=30	Pass
		Outer Full	21.12	/	/	19.44	/	/	<=30	Pass
		Inner Full	21.09	/	/	19.41	/	/	<=30	Pass
		Inner 1RB Left	21.74	/	/	20.06	/	/	<=30	Pass
		Inner 1RB Right	20.95	/	/	19.27	/	/	<=30	Pass
CP-OFDM QPSK	3725.01	Edge 1RB Left	22.11	/	/	20.43	/	/	<=30	Pass
		Edge 1RB Right	22.96	/	/	21.28	/	/	<=30	Pass

		Outer Full	22.24	/	/	20.56	/	/	<=30	Pass
		Inner Full	8.54	/	/	6.86	/	/	<=30	Pass
		Inner 1RB Left	22.17	/	/	20.49	/	/	<=30	Pass
		Inner 1RB Right	22.91	/	/	21.23	/	/	<=30	Pass
	3750	Edge 1RB Left	22.44	/	/	20.76	/	/	<=30	Pass
		Edge 1RB Right	23.07	/	/	21.39	/	/	<=30	Pass
		Outer Full	22.67	/	/	20.99	/	/	<=30	Pass
		Inner Full	22.14	/	/	20.46	/	/	<=30	Pass
		Inner 1RB Left	22.56	/	/	20.88	/	/	<=30	Pass
		Inner 1RB Right	23.02	/	/	21.34	/	/	<=30	Pass
	3774.99	Edge 1RB Left	22.75	/	/	21.07	/	/	<=30	Pass
		Edge 1RB Right	22.94	/	/	21.26	/	/	<=30	Pass
		Outer Full	22.61	/	/	20.93	/	/	<=30	Pass
		Inner Full	22.46	/	/	20.78	/	/	<=30	Pass
		Inner 1RB Left	22.82	/	/	21.14	/	/	<=30	Pass
		Inner 1RB Right	22.89	/	/	21.21	/	/	<=30	Pass
CP-OFDM 16 QAM	3725.01	Edge 1RB Left	22.18	/	/	20.50	/	/	<=30	Pass
		Edge 1RB Right	23.16	/	/	21.48	/	/	<=30	Pass
		Outer Full	22.56	/	/	20.88	/	/	<=30	Pass
		Inner Full	21.86	/	/	20.18	/	/	<=30	Pass
		Inner 1RB Left	22.23	/	/	20.55	/	/	<=30	Pass
		Inner 1RB Right	23.10	/	/	21.42	/	/	<=30	Pass
	3750	Edge 1RB Left	22.43	/	/	20.75	/	/	<=30	Pass
		Edge 1RB Right	23.15	/	/	21.47	/	/	<=30	Pass
		Outer Full	22.57	/	/	20.89	/	/	<=30	Pass
		Inner Full	22.19	/	/	20.51	/	/	<=30	Pass
		Inner 1RB Left	22.52	/	/	20.84	/	/	<=30	Pass
		Inner 1RB Right	23.10	/	/	21.42	/	/	<=30	Pass
	3774.99	Edge 1RB Left	22.89	/	/	21.21	/	/	<=30	Pass
		Edge 1RB Right	22.97	/	/	21.29	/	/	<=30	Pass
		Outer Full	22.80	/	/	21.12	/	/	<=30	Pass
		Inner Full	22.32	/	/	20.64	/	/	<=30	Pass
		Inner 1RB Left	22.96	/	/	21.28	/	/	<=30	Pass
		Inner 1RB Right	22.91	/	/	21.23	/	/	<=30	Pass
CP-OFDM 64 QAM	3725.01	Edge 1RB Left	22.30	/	/	20.62	/	/	<=30	Pass
		Edge 1RB Right	23.29	/	/	21.61	/	/	<=30	Pass
		Outer Full	21.92	/	/	20.24	/	/	<=30	Pass
		Inner Full	8.56	/	/	6.88	/	/	<=30	Pass
		Inner 1RB Left	22.35	/	/	20.67	/	/	<=30	Pass
		Inner 1RB Right	23.22	/	/	21.54	/	/	<=30	Pass
	3750	Edge 1RB Left	22.58	/	/	20.90	/	/	<=30	Pass
		Edge 1RB Right	23.27	/	/	21.59	/	/	<=30	Pass
		Outer Full	22.18	/	/	20.50	/	/	<=30	Pass
		Inner Full	22.14	/	/	20.46	/	/	<=30	Pass
		Inner 1RB Left	22.64	/	/	20.96	/	/	<=30	Pass
		Inner 1RB Right	23.21	/	/	21.53	/	/	<=30	Pass
	3774.99	Edge 1RB Left	22.81	/	/	21.13	/	/	<=30	Pass
		Edge 1RB Right	23.08	/	/	21.40	/	/	<=30	Pass
		Outer Full	22.31	/	/	20.63	/	/	<=30	Pass
		Inner Full	22.47	/	/	20.79	/	/	<=30	Pass
		Inner 1RB Left	22.90	/	/	21.22	/	/	<=30	Pass
		Inner 1RB Right	23.04	/	/	21.36	/	/	<=30	Pass
CP-OFDM 256 QAM	3725.01	Edge 1RB Left	19.21	/	/	17.53	/	/	<=30	Pass
		Edge 1RB Right	20.27	/	/	18.59	/	/	<=30	Pass
		Outer Full	18.90	/	/	17.22	/	/	<=30	Pass
		Inner Full	18.75	/	/	17.07	/	/	<=30	Pass
		Inner 1RB Left	19.27	/	/	17.59	/	/	<=30	Pass
		Inner 1RB Right	20.22	/	/	18.54	/	/	<=30	Pass
	3750	Edge 1RB Left	19.60	/	/	17.92	/	/	<=30	Pass

		Edge_1RB_Right	20.32	/	/	18.64	/	/	<=30	Pass
		Outer_Full	19.05	/	/	17.37	/	/	<=30	Pass
		Inner_Full	19.08	/	/	17.40	/	/	<=30	Pass
		Inner_1RB_Left	19.64	/	/	17.96	/	/	<=30	Pass
		Inner_1RB_Right	20.28	/	/	18.60	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	20.10	/	/	18.42	/	/	<=30	Pass
		Edge_1RB_Right	20.13	/	/	18.45	/	/	<=30	Pass
		Outer_Full	19.33	/	/	17.65	/	/	<=30	Pass
		Inner_Full	19.27	/	/	17.59	/	/	<=30	Pass
		Inner_1RB_Left	20.16	/	/	18.48	/	/	<=30	Pass
		Inner_1RB_Right	20.08	/	/	18.40	/	/	<=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	22.56	/	/	20.88	/	/	<=30	Pass
		Edge 1RB Right	22.54	/	/	20.86	/	/	<=30	Pass
		Outer Full	22.35	/	/	20.67	/	/	<=30	Pass
		Inner Full	22.45	/	/	20.77	/	/	<=30	Pass
		Inner 1RB Left	22.45	/	/	20.77	/	/	<=30	Pass
		Inner 1RB Right	22.62	/	/	20.94	/	/	<=30	Pass
	3750	Edge 1RB Left	23.01	/	/	21.33	/	/	<=30	Pass
		Edge 1RB Right	22.77	/	/	21.09	/	/	<=30	Pass
		Outer Full	22.88	/	/	21.20	/	/	<=30	Pass
		Inner Full	22.66	/	/	20.98	/	/	<=30	Pass
		Inner 1RB Left	22.77	/	/	21.09	/	/	<=30	Pass
		Inner 1RB Right	22.84	/	/	21.16	/	/	<=30	Pass
	3795	Edge 1RB Left	22.35	/	/	20.67	/	/	<=30	Pass
		Edge 1RB Right	22.17	/	/	20.49	/	/	<=30	Pass
		Outer Full	22.10	/	/	20.42	/	/	<=30	Pass
		Inner Full	22.07	/	/	20.39	/	/	<=30	Pass
		Inner 1RB Left	22.18	/	/	20.50	/	/	<=30	Pass
		Inner 1RB Right	22.27	/	/	20.59	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3705	Edge 1RB Left	22.56	/	/	20.88	/	/	<=30	Pass
		Edge 1RB Right	22.44	/	/	20.76	/	/	<=30	Pass
		Outer Full	22.48	/	/	20.80	/	/	<=30	Pass
		Inner Full	22.39	/	/	20.71	/	/	<=30	Pass
		Inner 1RB Left	22.38	/	/	20.70	/	/	<=30	Pass
		Inner 1RB Right	22.54	/	/	20.86	/	/	<=30	Pass
	3750	Edge 1RB Left	22.98	/	/	21.30	/	/	<=30	Pass
		Edge 1RB Right	22.83	/	/	21.15	/	/	<=30	Pass
		Outer Full	22.71	/	/	21.03	/	/	<=30	Pass
		Inner Full	22.72	/	/	21.04	/	/	<=30	Pass
		Inner 1RB Left	22.82	/	/	21.14	/	/	<=30	Pass
		Inner 1RB Right	22.93	/	/	21.25	/	/	<=30	Pass
	3795	Edge 1RB Left	22.29	/	/	20.61	/	/	<=30	Pass
		Edge 1RB Right	22.10	/	/	20.42	/	/	<=30	Pass
		Outer Full	22.10	/	/	20.42	/	/	<=30	Pass
		Inner Full	21.95	/	/	20.27	/	/	<=30	Pass
		Inner 1RB Left	22.10	/	/	20.42	/	/	<=30	Pass
		Inner 1RB Right	22.18	/	/	20.50	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3705	Edge 1RB Left	22.41	/	/	20.73	/	/	<=30	Pass
		Edge 1RB Right	22.30	/	/	20.62	/	/	<=30	Pass
		Outer Full	22.43	/	/	20.75	/	/	<=30	Pass

		Inner Full	22.32	/	/	20.64	/	/	<=30	Pass
		Inner 1RB Left	22.24	/	/	20.56	/	/	<=30	Pass
		Inner 1RB Right	22.39	/	/	20.71	/	/	<=30	Pass
	3750	Edge 1RB Left	22.82	/	/	21.14	/	/	<=30	Pass
		Edge 1RB Right	22.65	/	/	20.97	/	/	<=30	Pass
		Outer Full	22.84	/	/	21.16	/	/	<=30	Pass
		Inner Full	22.62	/	/	20.94	/	/	<=30	Pass
		Inner 1RB Left	22.64	/	/	20.96	/	/	<=30	Pass
		Inner 1RB Right	22.74	/	/	21.06	/	/	<=30	Pass
	3795	Edge 1RB Left	22.13	/	/	20.45	/	/	<=30	Pass
		Edge 1RB Right	21.99	/	/	20.31	/	/	<=30	Pass
		Outer Full	22.04	/	/	20.36	/	/	<=30	Pass
		Inner Full	21.89	/	/	20.21	/	/	<=30	Pass
		Inner 1RB Left	21.95	/	/	20.27	/	/	<=30	Pass
		Inner 1RB Right	22.02	/	/	20.34	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3705	Edge 1RB Left	21.35	/	/	19.67	/	/	<=30	Pass
		Edge 1RB Right	21.23	/	/	19.55	/	/	<=30	Pass
		Outer Full	20.84	/	/	19.16	/	/	<=30	Pass
		Inner Full	21.24	/	/	19.56	/	/	<=30	Pass
		Inner 1RB Left	21.17	/	/	19.49	/	/	<=30	Pass
		Inner 1RB Right	21.33	/	/	19.65	/	/	<=30	Pass
	3750	Edge 1RB Left	21.80	/	/	20.12	/	/	<=30	Pass
		Edge 1RB Right	21.64	/	/	19.96	/	/	<=30	Pass
		Outer Full	21.16	/	/	19.48	/	/	<=30	Pass
		Inner Full	21.55	/	/	19.87	/	/	<=30	Pass
		Inner 1RB Left	21.63	/	/	19.95	/	/	<=30	Pass
		Inner 1RB Right	21.73	/	/	20.05	/	/	<=30	Pass
	3795	Edge 1RB Left	21.01	/	/	19.33	/	/	<=30	Pass
		Edge 1RB Right	20.80	/	/	19.12	/	/	<=30	Pass
		Outer Full	20.38	/	/	18.70	/	/	<=30	Pass
		Inner Full	20.73	/	/	19.05	/	/	<=30	Pass
		Inner 1RB Left	20.82	/	/	19.14	/	/	<=30	Pass
		Inner 1RB Right	20.90	/	/	19.22	/	/	<=30	Pass
CP-OFDM QPSK	3705	Edge 1RB Left	22.42	/	/	20.74	/	/	<=30	Pass
		Edge 1RB Right	22.39	/	/	20.71	/	/	<=30	Pass
		Outer Full	22.23	/	/	20.55	/	/	<=30	Pass
		Inner Full	22.25	/	/	20.57	/	/	<=30	Pass
		Inner 1RB Left	22.27	/	/	20.59	/	/	<=30	Pass
		Inner 1RB Right	22.44	/	/	20.76	/	/	<=30	Pass
	3750	Edge 1RB Left	22.70	/	/	21.02	/	/	<=30	Pass
		Edge 1RB Right	22.53	/	/	20.85	/	/	<=30	Pass
		Outer Full	22.55	/	/	20.87	/	/	<=30	Pass
		Inner Full	22.38	/	/	20.70	/	/	<=30	Pass
		Inner 1RB Left	22.48	/	/	20.80	/	/	<=30	Pass
		Inner 1RB Right	22.59	/	/	20.91	/	/	<=30	Pass
	3795	Edge 1RB Left	22.05	/	/	20.37	/	/	<=30	Pass
		Edge 1RB Right	21.95	/	/	20.27	/	/	<=30	Pass
		Outer Full	21.87	/	/	20.19	/	/	<=30	Pass
		Inner Full	21.90	/	/	20.22	/	/	<=30	Pass
		Inner 1RB Left	21.89	/	/	20.21	/	/	<=30	Pass
		Inner 1RB Right	22.00	/	/	20.32	/	/	<=30	Pass
CP-OFDM 16 QAM	3705	Edge 1RB Left	22.34	/	/	20.66	/	/	<=30	Pass
		Edge 1RB Right	22.30	/	/	20.62	/	/	<=30	Pass
		Outer Full	22.30	/	/	20.62	/	/	<=30	Pass
		Inner Full	22.19	/	/	20.51	/	/	<=30	Pass
		Inner 1RB Left	22.19	/	/	20.51	/	/	<=30	Pass
		Inner 1RB Right	22.36	/	/	20.68	/	/	<=30	Pass
	3750	Edge 1RB Left	22.71	/	/	21.03	/	/	<=30	Pass
		Edge 1RB Right	22.65	/	/	20.97	/	/	<=30	Pass

		Outer_Full	22.44	/	/	20.76	/	/	<=30	Pass
		Inner_Full	22.53	/	/	20.85	/	/	<=30	Pass
		Inner_1RB_Left	22.58	/	/	20.90	/	/	<=30	Pass
		Inner_1RB_Right	22.69	/	/	21.01	/	/	<=30	Pass
	3795	Edge_1RB_Left	22.12	/	/	20.44	/	/	<=30	Pass
		Edge_1RB_Right	21.99	/	/	20.31	/	/	<=30	Pass
		Outer_Full	21.94	/	/	20.26	/	/	<=30	Pass
		Inner_Full	21.82	/	/	20.14	/	/	<=30	Pass
		Inner_1RB_Left	21.98	/	/	20.30	/	/	<=30	Pass
		Inner_1RB_Right	22.06	/	/	20.38	/	/	<=30	Pass
CP-OFDM 64 QAM	3705	Edge_1RB_Left	22.32	/	/	20.64	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	20.60	/	/	<=30	Pass
		Outer_Full	21.83	/	/	20.15	/	/	<=30	Pass
		Inner_Full	22.17	/	/	20.49	/	/	<=30	Pass
		Inner_1RB_Left	22.19	/	/	20.51	/	/	<=30	Pass
		Inner_1RB_Right	22.35	/	/	20.67	/	/	<=30	Pass
	3750	Edge_1RB_Left	7.55	/	/	5.87	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	21.07	/	/	<=30	Pass
		Outer_Full	22.16	/	/	20.48	/	/	<=30	Pass
		Inner_Full	22.58	/	/	20.90	/	/	<=30	Pass
		Inner_1RB_Left	22.68	/	/	21.00	/	/	<=30	Pass
		Inner_1RB_Right	22.77	/	/	21.09	/	/	<=30	Pass
	3795	Edge_1RB_Left	22.24	/	/	20.56	/	/	<=30	Pass
		Edge_1RB_Right	22.12	/	/	20.44	/	/	<=30	Pass
		Outer_Full	21.44	/	/	19.76	/	/	<=30	Pass
		Inner_Full	21.79	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Left	22.11	/	/	20.43	/	/	<=30	Pass
		Inner_1RB_Right	22.19	/	/	20.51	/	/	<=30	Pass
CP-OFDM 256 QAM	3705	Edge_1RB_Left	19.30	/	/	17.62	/	/	<=30	Pass
		Edge_1RB_Right	19.21	/	/	17.53	/	/	<=30	Pass
		Outer_Full	18.68	/	/	17.00	/	/	<=30	Pass
		Inner_Full	19.15	/	/	17.47	/	/	<=30	Pass
		Inner_1RB_Left	19.15	/	/	17.47	/	/	<=30	Pass
		Inner_1RB_Right	19.32	/	/	17.64	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.79	/	/	18.11	/	/	<=30	Pass
		Edge_1RB_Right	19.64	/	/	17.96	/	/	<=30	Pass
		Outer_Full	19.09	/	/	17.41	/	/	<=30	Pass
		Inner_Full	19.50	/	/	17.82	/	/	<=30	Pass
		Inner_1RB_Left	19.58	/	/	17.90	/	/	<=30	Pass
		Inner_1RB_Right	19.70	/	/	18.02	/	/	<=30	Pass
	3795	Edge_1RB_Left	19.06	/	/	17.38	/	/	<=30	Pass
		Edge_1RB_Right	18.87	/	/	17.19	/	/	<=30	Pass
		Outer_Full	18.34	/	/	16.66	/	/	<=30	Pass
		Inner_Full	18.72	/	/	17.04	/	/	<=30	Pass
		Inner_1RB_Left	18.88	/	/	17.20	/	/	<=30	Pass
		Inner_1RB_Right	18.96	/	/	17.28	/	/	<=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	22.85	/	/	21.17	/	/	<=30	Pass
		Edge_1RB_Right	23.06	/	/	21.38	/	/	<=30	Pass
		Outer_Full	22.50	/	/	20.82	/	/	<=30	Pass
		Inner_Full	22.38	/	/	20.70	/	/	<=30	Pass

		Inner 1RB Left	22.76	/	/	21.08	/	/	<=30	Pass
		Inner 1RB Right	22.89	/	/	21.21	/	/	<=30	Pass
	3750	Edge 1RB Left	23.02	/	/	21.34	/	/	<=30	Pass
		Edge 1RB Right	23.14	/	/	21.46	/	/	<=30	Pass
		Outer Full	22.76	/	/	21.08	/	/	<=30	Pass
		Inner Full	22.47	/	/	20.79	/	/	<=30	Pass
		Inner 1RB Left	22.90	/	/	21.22	/	/	<=30	Pass
		Inner 1RB Right	22.98	/	/	21.30	/	/	<=30	Pass
	3792.48	Edge 1RB Left	22.60	/	/	20.92	/	/	<=30	Pass
		Edge 1RB Right	22.65	/	/	20.97	/	/	<=30	Pass
		Outer Full	22.14	/	/	20.46	/	/	<=30	Pass
		Inner Full	21.98	/	/	20.30	/	/	<=30	Pass
		Inner 1RB Left	22.50	/	/	20.82	/	/	<=30	Pass
		Inner 1RB Right	22.50	/	/	20.82	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3707.52	Edge 1RB Left	22.57	/	/	20.89	/	/	<=30	Pass
		Edge 1RB Right	22.84	/	/	21.16	/	/	<=30	Pass
		Outer Full	22.52	/	/	20.84	/	/	<=30	Pass
		Inner Full	22.22	/	/	20.54	/	/	<=30	Pass
		Inner 1RB Left	22.54	/	/	20.86	/	/	<=30	Pass
		Inner 1RB Right	22.69	/	/	21.01	/	/	<=30	Pass
	3750	Edge 1RB Left	22.84	/	/	21.16	/	/	<=30	Pass
		Edge 1RB Right	23.08	/	/	21.40	/	/	<=30	Pass
		Outer Full	22.59	/	/	20.91	/	/	<=30	Pass
		Inner Full	22.50	/	/	20.82	/	/	<=30	Pass
		Inner 1RB Left	22.81	/	/	21.13	/	/	<=30	Pass
		Inner 1RB Right	22.96	/	/	21.28	/	/	<=30	Pass
	3792.48	Edge 1RB Left	22.39	/	/	20.71	/	/	<=30	Pass
		Edge 1RB Right	22.43	/	/	20.75	/	/	<=30	Pass
		Outer Full	22.14	/	/	20.46	/	/	<=30	Pass
		Inner Full	21.88	/	/	20.20	/	/	<=30	Pass
		Inner 1RB Left	22.34	/	/	20.66	/	/	<=30	Pass
		Inner 1RB Right	22.29	/	/	20.61	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3707.52	Edge 1RB Left	22.77	/	/	21.09	/	/	<=30	Pass
		Edge 1RB Right	23.00	/	/	21.32	/	/	<=30	Pass
		Outer Full	22.40	/	/	20.72	/	/	<=30	Pass
		Inner Full	22.23	/	/	20.55	/	/	<=30	Pass
		Inner 1RB Left	22.74	/	/	21.06	/	/	<=30	Pass
		Inner 1RB Right	22.84	/	/	21.16	/	/	<=30	Pass
	3750	Edge 1RB Left	23.10	/	/	21.42	/	/	<=30	Pass
		Edge 1RB Right	23.32	/	/	21.64	/	/	<=30	Pass
		Outer Full	22.67	/	/	20.99	/	/	<=30	Pass
		Inner Full	22.54	/	/	20.86	/	/	<=30	Pass
		Inner 1RB Left	23.05	/	/	21.37	/	/	<=30	Pass
		Inner 1RB Right	23.16	/	/	21.48	/	/	<=30	Pass
	3792.48	Edge 1RB Left	22.59	/	/	20.91	/	/	<=30	Pass
		Edge 1RB Right	22.63	/	/	20.95	/	/	<=30	Pass
		Outer Full	22.07	/	/	20.39	/	/	<=30	Pass
		Inner Full	21.88	/	/	20.20	/	/	<=30	Pass
		Inner 1RB Left	22.54	/	/	20.86	/	/	<=30	Pass
		Inner 1RB Right	22.48	/	/	20.80	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3707.52	Edge 1RB Left	21.45	/	/	19.77	/	/	<=30	Pass
		Edge 1RB Right	21.69	/	/	20.01	/	/	<=30	Pass
		Outer Full	20.77	/	/	19.09	/	/	<=30	Pass
		Inner Full	21.05	/	/	19.37	/	/	<=30	Pass
		Inner 1RB Left	21.38	/	/	19.70	/	/	<=30	Pass
		Inner 1RB Right	21.54	/	/	19.86	/	/	<=30	Pass
	3750	Edge 1RB Left	21.79	/	/	20.11	/	/	<=30	Pass
		Edge 1RB Right	22.04	/	/	20.36	/	/	<=30	Pass
		Outer Full	21.07	/	/	19.39	/	/	<=30	Pass

		Inner Full	21.39	/	/	19.71	/	/	<=30	Pass
		Inner 1RB Left	21.76	/	/	20.08	/	/	<=30	Pass
		Inner 1RB Right	21.88	/	/	20.20	/	/	<=30	Pass
	3792.48	Edge 1RB Left	21.22	/	/	19.54	/	/	<=30	Pass
		Edge 1RB Right	21.28	/	/	19.60	/	/	<=30	Pass
		Outer Full	20.39	/	/	18.71	/	/	<=30	Pass
		Inner Full	20.65	/	/	18.97	/	/	<=30	Pass
		Inner 1RB Left	21.17	/	/	19.49	/	/	<=30	Pass
		Inner 1RB Right	21.11	/	/	19.43	/	/	<=30	Pass
CP-OFDM QPSK	3707.52	Edge 1RB Left	22.41	/	/	20.73	/	/	<=30	Pass
		Edge 1RB Right	22.67	/	/	20.99	/	/	<=30	Pass
		Outer Full	22.26	/	/	20.58	/	/	<=30	Pass
		Inner Full	22.14	/	/	20.46	/	/	<=30	Pass
		Inner 1RB Left	22.38	/	/	20.70	/	/	<=30	Pass
		Inner 1RB Right	22.60	/	/	20.92	/	/	<=30	Pass
	3750	Edge 1RB Left	22.66	/	/	20.98	/	/	<=30	Pass
		Edge 1RB Right	22.88	/	/	21.20	/	/	<=30	Pass
		Outer Full	22.59	/	/	20.91	/	/	<=30	Pass
		Inner Full	22.33	/	/	20.65	/	/	<=30	Pass
		Inner 1RB Left	22.60	/	/	20.92	/	/	<=30	Pass
		Inner 1RB Right	22.77	/	/	21.09	/	/	<=30	Pass
	3792.48	Edge 1RB Left	22.20	/	/	20.52	/	/	<=30	Pass
		Edge 1RB Right	22.31	/	/	20.63	/	/	<=30	Pass
		Outer Full	21.94	/	/	20.26	/	/	<=30	Pass
		Inner Full	21.77	/	/	20.09	/	/	<=30	Pass
		Inner 1RB Left	22.16	/	/	20.48	/	/	<=30	Pass
		Inner 1RB Right	22.21	/	/	20.53	/	/	<=30	Pass
CP-OFDM 16 QAM	3707.52	Edge 1RB Left	22.27	/	/	20.59	/	/	<=30	Pass
		Edge 1RB Right	22.54	/	/	20.86	/	/	<=30	Pass
		Outer Full	22.30	/	/	20.62	/	/	<=30	Pass
		Inner Full	22.01	/	/	20.33	/	/	<=30	Pass
		Inner 1RB Left	22.25	/	/	20.57	/	/	<=30	Pass
		Inner 1RB Right	22.46	/	/	20.78	/	/	<=30	Pass
	3750	Edge 1RB Left	22.64	/	/	20.96	/	/	<=30	Pass
		Edge 1RB Right	22.90	/	/	21.22	/	/	<=30	Pass
		Outer Full	22.49	/	/	20.81	/	/	<=30	Pass
		Inner Full	22.38	/	/	20.70	/	/	<=30	Pass
		Inner 1RB Left	22.62	/	/	20.94	/	/	<=30	Pass
		Inner 1RB Right	22.84	/	/	21.16	/	/	<=30	Pass
	3792.48	Edge 1RB Left	22.11	/	/	20.43	/	/	<=30	Pass
		Edge 1RB Right	22.17	/	/	20.49	/	/	<=30	Pass
		Outer Full	21.96	/	/	20.28	/	/	<=30	Pass
		Inner Full	21.69	/	/	20.01	/	/	<=30	Pass
		Inner 1RB Left	22.09	/	/	20.41	/	/	<=30	Pass
		Inner 1RB Right	22.09	/	/	20.41	/	/	<=30	Pass
CP-OFDM 64 QAM	3707.52	Edge 1RB Left	22.56	/	/	20.88	/	/	<=30	Pass
		Edge 1RB Right	22.76	/	/	21.08	/	/	<=30	Pass
		Outer Full	21.79	/	/	20.11	/	/	<=30	Pass
		Inner Full	22.07	/	/	20.39	/	/	<=30	Pass
		Inner 1RB Left	22.62	/	/	20.94	/	/	<=30	Pass
		Inner 1RB Right	22.77	/	/	21.09	/	/	<=30	Pass
	3750	Edge 1RB Left	22.94	/	/	21.26	/	/	<=30	Pass
		Edge 1RB Right	23.19	/	/	21.51	/	/	<=30	Pass
		Outer Full	22.18	/	/	20.50	/	/	<=30	Pass
		Inner Full	22.44	/	/	20.76	/	/	<=30	Pass
		Inner 1RB Left	22.94	/	/	21.26	/	/	<=30	Pass
		Inner 1RB Right	23.14	/	/	21.46	/	/	<=30	Pass
	3792.48	Edge 1RB Left	22.41	/	/	20.73	/	/	<=30	Pass
		Edge 1RB Right	22.44	/	/	20.76	/	/	<=30	Pass

CP-OFDM 256 QAM		Outer_Full	21.48	/	/	19.80	/	/	<=30	Pass
		Inner_Full	21.74	/	/	20.06	/	/	<=30	Pass
		Inner_1RB_Left	22.46	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Right	22.44	/	/	20.76	/	/	<=30	Pass
	3707.52	Edge_1RB_Left	19.36	/	/	17.68	/	/	<=30	Pass
		Edge_1RB_Right	19.62	/	/	17.94	/	/	<=30	Pass
		Outer_Full	18.63	/	/	16.95	/	/	<=30	Pass
		Inner_Full	18.97	/	/	17.29	/	/	<=30	Pass
		Inner_1RB_Left	19.31	/	/	17.63	/	/	<=30	Pass
		Inner_1RB_Right	19.53	/	/	17.85	/	/	<=30	Pass
		Edge_1RB_Left	19.82	/	/	18.14	/	/	<=30	Pass
		Edge_1RB_Right	20.11	/	/	18.43	/	/	<=30	Pass
	3750	Outer_Full	19.01	/	/	17.33	/	/	<=30	Pass
		Inner_Full	19.36	/	/	17.68	/	/	<=30	Pass
		Inner_1RB_Left	19.80	/	/	18.12	/	/	<=30	Pass
		Inner_1RB_Right	19.98	/	/	18.30	/	/	<=30	Pass
	3792.48	Edge_1RB_Left	19.21	/	/	17.53	/	/	<=30	Pass
		Edge_1RB_Right	19.30	/	/	17.62	/	/	<=30	Pass
		Outer_Full	18.36	/	/	16.68	/	/	<=30	Pass
		Inner_Full	18.66	/	/	16.98	/	/	<=30	Pass
		Inner_1RB_Left	19.16	/	/	17.48	/	/	<=30	Pass
		Inner_1RB_Right	19.16	/	/	17.48	/	/	<=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 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	23.10	/	/	21.42	/	/	<=30	Pass
		Edge 1RB Right	23.35	/	/	21.67	/	/	<=30	Pass
		Outer Full	22.64	/	/	20.96	/	/	<=30	Pass
		Inner Full	22.41	/	/	20.73	/	/	<=30	Pass
		Inner 1RB Left	23.08	/	/	21.40	/	/	<=30	Pass
		Inner 1RB Right	23.28	/	/	21.60	/	/	<=30	Pass
	3750	Edge 1RB Left	23.44	/	/	21.76	/	/	<=30	Pass
		Edge 1RB Right	23.56	/	/	21.88	/	/	<=30	Pass
		Outer Full	23.05	/	/	21.37	/	/	<=30	Pass
		Inner Full	22.64	/	/	20.96	/	/	<=30	Pass
		Inner 1RB Left	23.32	/	/	21.64	/	/	<=30	Pass
		Inner 1RB Right	23.42	/	/	21.74	/	/	<=30	Pass
	3789.99	Edge 1RB Left	22.88	/	/	21.20	/	/	<=30	Pass
		Edge 1RB Right	22.96	/	/	21.28	/	/	<=30	Pass
		Outer Full	22.32	/	/	20.64	/	/	<=30	Pass
		Inner Full	22.02	/	/	20.34	/	/	<=30	Pass
		Inner 1RB Left	22.81	/	/	21.13	/	/	<=30	Pass
		Inner 1RB Right	22.80	/	/	21.12	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Edge 1RB Left	22.85	/	/	21.17	/	/	<=30	Pass
		Edge 1RB Right	23.12	/	/	21.44	/	/	<=30	Pass
		Outer Full	22.64	/	/	20.96	/	/	<=30	Pass
		Inner Full	22.25	/	/	20.57	/	/	<=30	Pass
		Inner 1RB Left	22.85	/	/	21.17	/	/	<=30	Pass
		Inner 1RB Right	22.98	/	/	21.30	/	/	<=30	Pass
	3750	Edge 1RB Left	23.25	/	/	21.57	/	/	<=30	Pass
		Edge 1RB Right	23.50	/	/	21.82	/	/	<=30	Pass
		Outer Full	22.85	/	/	21.17	/	/	<=30	Pass
		Inner Full	22.68	/	/	21.00	/	/	<=30	Pass

		Inner 1RB Left	23.23	/	/	21.55	/	/	<=30	Pass
		Inner 1RB Right	23.36	/	/	21.68	/	/	<=30	Pass
	3789.99	Edge 1RB Left	22.80	/	/	21.12	/	/	<=30	Pass
		Edge 1RB Right	22.84	/	/	21.16	/	/	<=30	Pass
		Outer Full	22.26	/	/	20.58	/	/	<=30	Pass
		Inner Full	21.93	/	/	20.25	/	/	<=30	Pass
		Inner 1RB Left	22.79	/	/	21.11	/	/	<=30	Pass
		Inner 1RB Right	22.72	/	/	21.04	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3710.01	Edge 1RB Left	22.82	/	/	21.14	/	/	<=30	Pass
		Edge 1RB Right	23.35	/	/	21.67	/	/	<=30	Pass
		Outer Full	22.53	/	/	20.85	/	/	<=30	Pass
		Inner Full	22.31	/	/	20.63	/	/	<=30	Pass
		Inner 1RB Left	23.09	/	/	21.41	/	/	<=30	Pass
		Inner 1RB Right	23.18	/	/	21.50	/	/	<=30	Pass
	3750	Edge 1RB Left	23.43	/	/	21.75	/	/	<=30	Pass
		Edge 1RB Right	23.67	/	/	21.99	/	/	<=30	Pass
		Outer Full	22.93	/	/	21.25	/	/	<=30	Pass
		Inner Full	22.71	/	/	21.03	/	/	<=30	Pass
		Inner 1RB Left	23.44	/	/	21.76	/	/	<=30	Pass
		Inner 1RB Right	23.53	/	/	21.85	/	/	<=30	Pass
	3789.99	Edge 1RB Left	22.65	/	/	20.97	/	/	<=30	Pass
		Edge 1RB Right	22.68	/	/	21.00	/	/	<=30	Pass
		Outer Full	22.19	/	/	20.51	/	/	<=30	Pass
		Inner Full	21.94	/	/	20.26	/	/	<=30	Pass
		Inner 1RB Left	22.63	/	/	20.95	/	/	<=30	Pass
		Inner 1RB Right	22.53	/	/	20.85	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3710.01	Edge 1RB Left	21.73	/	/	20.05	/	/	<=30	Pass
		Edge 1RB Right	22.03	/	/	20.35	/	/	<=30	Pass
		Outer Full	20.95	/	/	19.27	/	/	<=30	Pass
		Inner Full	21.09	/	/	19.41	/	/	<=30	Pass
		Inner 1RB Left	21.75	/	/	20.07	/	/	<=30	Pass
		Inner 1RB Right	21.87	/	/	20.19	/	/	<=30	Pass
	3750	Edge 1RB Left	22.16	/	/	20.48	/	/	<=30	Pass
		Edge 1RB Right	22.40	/	/	20.72	/	/	<=30	Pass
		Outer Full	21.35	/	/	19.67	/	/	<=30	Pass
		Inner Full	21.52	/	/	19.84	/	/	<=30	Pass
		Inner 1RB Left	22.14	/	/	20.46	/	/	<=30	Pass
		Inner 1RB Right	22.26	/	/	20.58	/	/	<=30	Pass
	3789.99	Edge 1RB Left	21.60	/	/	19.92	/	/	<=30	Pass
		Edge 1RB Right	21.58	/	/	19.90	/	/	<=30	Pass
		Outer Full	20.54	/	/	18.86	/	/	<=30	Pass
		Inner Full	20.67	/	/	18.99	/	/	<=30	Pass
		Inner 1RB Left	21.61	/	/	19.93	/	/	<=30	Pass
		Inner 1RB Right	21.45	/	/	19.77	/	/	<=30	Pass
CP-OFDM QPSK	3710.01	Edge 1RB Left	22.77	/	/	21.09	/	/	<=30	Pass
		Edge 1RB Right	23.06	/	/	21.38	/	/	<=30	Pass
		Outer Full	22.38	/	/	20.70	/	/	<=30	Pass
		Inner Full	22.18	/	/	20.50	/	/	<=30	Pass
		Inner 1RB Left	22.73	/	/	21.05	/	/	<=30	Pass
		Inner 1RB Right	22.92	/	/	21.24	/	/	<=30	Pass
	3750	Edge 1RB Left	23.00	/	/	21.32	/	/	<=30	Pass
		Edge 1RB Right	23.28	/	/	21.60	/	/	<=30	Pass
		Outer Full	22.78	/	/	21.10	/	/	<=30	Pass
		Inner Full	22.43	/	/	20.75	/	/	<=30	Pass
		Inner 1RB Left	22.96	/	/	21.28	/	/	<=30	Pass
		Inner 1RB Right	23.07	/	/	21.39	/	/	<=30	Pass
	3789.99	Edge 1RB Left	22.57	/	/	20.89	/	/	<=30	Pass
		Edge 1RB Right	22.70	/	/	21.02	/	/	<=30	Pass
		Outer Full	22.07	/	/	20.39	/	/	<=30	Pass

		Inner_Full	21.78	/	/	20.10	/	/	<=30	Pass	
		Inner_1RB_Left	22.55	/	/	20.87	/	/	<=30	Pass	
		Inner_1RB_Right	22.54	/	/	20.86	/	/	<=30	Pass	
CP-OFDM 16 QAM	3710.01	Edge_1RB_Left	22.72	/	/	21.04	/	/	<=30	Pass	
		Edge_1RB_Right	23.08	/	/	21.40	/	/	<=30	Pass	
		Outer_Full	22.47	/	/	20.79	/	/	<=30	Pass	
		Inner_Full	22.10	/	/	20.42	/	/	<=30	Pass	
		Inner_1RB_Left	22.75	/	/	21.07	/	/	<=30	Pass	
		Inner_1RB_Right	22.89	/	/	21.21	/	/	<=30	Pass	
		3750	Edge_1RB_Left	22.98	/	/	21.30	/	/	<=30	Pass
			Edge_1RB_Right	23.29	/	/	21.61	/	/	<=30	Pass
	Outer_Full		22.72	/	/	21.04	/	/	<=30	Pass	
	Inner_Full		22.51	/	/	20.83	/	/	<=30	Pass	
	Inner_1RB_Left		22.99	/	/	21.31	/	/	<=30	Pass	
	Inner_1RB_Right		23.13	/	/	21.45	/	/	<=30	Pass	
	3789.99	Edge_1RB_Left	22.56	/	/	20.88	/	/	<=30	Pass	
		Edge_1RB_Right	22.63	/	/	20.95	/	/	<=30	Pass	
		Outer_Full	22.08	/	/	20.40	/	/	<=30	Pass	
		Inner_Full	21.73	/	/	20.05	/	/	<=30	Pass	
		Inner_1RB_Left	22.56	/	/	20.88	/	/	<=30	Pass	
		Inner_1RB_Right	22.48	/	/	20.80	/	/	<=30	Pass	
CP-OFDM 64 QAM	3710.01	Edge_1RB_Left	22.70	/	/	21.02	/	/	<=30	Pass	
		Edge_1RB_Right	23.07	/	/	21.39	/	/	<=30	Pass	
		Outer_Full	21.99	/	/	20.31	/	/	<=30	Pass	
		Inner_Full	22.13	/	/	20.45	/	/	<=30	Pass	
		Inner_1RB_Left	22.77	/	/	21.09	/	/	<=30	Pass	
		Inner_1RB_Right	22.93	/	/	21.25	/	/	<=30	Pass	
	3750	Edge_1RB_Left	23.22	/	/	21.54	/	/	<=30	Pass	
		Edge_1RB_Right	23.51	/	/	21.83	/	/	<=30	Pass	
		Outer_Full	22.39	/	/	20.71	/	/	<=30	Pass	
		Inner_Full	22.52	/	/	20.84	/	/	<=30	Pass	
		Inner_1RB_Left	23.26	/	/	21.58	/	/	<=30	Pass	
		Inner_1RB_Right	23.39	/	/	21.71	/	/	<=30	Pass	
	3789.99	Edge_1RB_Left	22.56	/	/	20.88	/	/	<=30	Pass	
		Edge_1RB_Right	22.60	/	/	20.92	/	/	<=30	Pass	
		Outer_Full	21.62	/	/	19.94	/	/	<=30	Pass	
		Inner_Full	21.75	/	/	20.07	/	/	<=30	Pass	
		Inner_1RB_Left	22.53	/	/	20.85	/	/	<=30	Pass	
		Inner_1RB_Right	22.47	/	/	20.79	/	/	<=30	Pass	
CP-OFDM 256 QAM	3710.01	Edge_1RB_Left	19.70	/	/	18.02	/	/	<=30	Pass	
		Edge_1RB_Right	20.02	/	/	18.34	/	/	<=30	Pass	
		Outer_Full	18.86	/	/	17.18	/	/	<=30	Pass	
		Inner_Full	19.00	/	/	17.32	/	/	<=30	Pass	
		Inner_1RB_Left	19.74	/	/	18.06	/	/	<=30	Pass	
		Inner_1RB_Right	19.92	/	/	18.24	/	/	<=30	Pass	
	3750	Edge_1RB_Left	20.14	/	/	18.46	/	/	<=30	Pass	
		Edge_1RB_Right	20.42	/	/	18.74	/	/	<=30	Pass	
		Outer_Full	19.29	/	/	17.61	/	/	<=30	Pass	
		Inner_Full	19.40	/	/	17.72	/	/	<=30	Pass	
		Inner_1RB_Left	20.11	/	/	18.43	/	/	<=30	Pass	
		Inner_1RB_Right	20.25	/	/	18.57	/	/	<=30	Pass	
	3789.99	Edge_1RB_Left	19.53	/	/	17.85	/	/	<=30	Pass	
		Edge_1RB_Right	19.60	/	/	17.92	/	/	<=30	Pass	
		Outer_Full	18.48	/	/	16.80	/	/	<=30	Pass	
		Inner_Full	18.65	/	/	16.97	/	/	<=30	Pass	
		Inner_1RB_Left	19.55	/	/	17.87	/	/	<=30	Pass	
		Inner_1RB_Right	19.44	/	/	17.76	/	/	<=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	22.59	/	/	20.91	/	/	<=30	Pass
		Edge 1RB Right	22.88	/	/	21.20	/	/	<=30	Pass
		Outer Full	22.91	/	/	21.23	/	/	<=30	Pass
		Inner Full	22.61	/	/	20.93	/	/	<=30	Pass
		Inner 1RB Left	22.89	/	/	21.21	/	/	<=30	Pass
		Inner 1RB Right	22.93	/	/	21.25	/	/	<=30	Pass
	3750	Edge 1RB Left	22.72	/	/	21.04	/	/	<=30	Pass
		Edge 1RB Right	22.88	/	/	21.20	/	/	<=30	Pass
		Outer Full	23.11	/	/	21.43	/	/	<=30	Pass
		Inner Full	22.65	/	/	20.97	/	/	<=30	Pass
		Inner 1RB Left	22.97	/	/	21.29	/	/	<=30	Pass
		Inner 1RB Right	22.93	/	/	21.25	/	/	<=30	Pass
	3787.5	Edge 1RB Left	22.15	/	/	20.47	/	/	<=30	Pass
		Edge 1RB Right	22.24	/	/	20.56	/	/	<=30	Pass
		Outer Full	22.34	/	/	20.66	/	/	<=30	Pass
		Inner Full	21.99	/	/	20.31	/	/	<=30	Pass
		Inner 1RB Left	22.46	/	/	20.78	/	/	<=30	Pass
		Inner 1RB Right	22.26	/	/	20.58	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3712.5	Edge 1RB Left	22.51	/	/	20.83	/	/	<=30	Pass
		Edge 1RB Right	22.83	/	/	21.15	/	/	<=30	Pass
		Outer Full	22.88	/	/	21.20	/	/	<=30	Pass
		Inner Full	22.50	/	/	20.82	/	/	<=30	Pass
		Inner 1RB Left	22.79	/	/	21.11	/	/	<=30	Pass
		Inner 1RB Right	22.88	/	/	21.20	/	/	<=30	Pass
	3750	Edge 1RB Left	22.70	/	/	21.02	/	/	<=30	Pass
		Edge 1RB Right	22.93	/	/	21.25	/	/	<=30	Pass
		Outer Full	22.91	/	/	21.23	/	/	<=30	Pass
		Inner Full	22.70	/	/	21.02	/	/	<=30	Pass
		Inner 1RB Left	23.01	/	/	21.33	/	/	<=30	Pass
		Inner 1RB Right	23.00	/	/	21.32	/	/	<=30	Pass
	3787.5	Edge 1RB Left	22.15	/	/	20.47	/	/	<=30	Pass
		Edge 1RB Right	22.14	/	/	20.46	/	/	<=30	Pass
		Outer Full	22.27	/	/	20.59	/	/	<=30	Pass
		Inner Full	21.93	/	/	20.25	/	/	<=30	Pass
		Inner 1RB Left	22.45	/	/	20.77	/	/	<=30	Pass
		Inner 1RB Right	22.17	/	/	20.49	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3712.5	Edge 1RB Left	22.36	/	/	20.68	/	/	<=30	Pass
		Edge 1RB Right	22.67	/	/	20.99	/	/	<=30	Pass
		Outer Full	22.83	/	/	21.15	/	/	<=30	Pass
		Inner Full	22.46	/	/	20.78	/	/	<=30	Pass
		Inner 1RB Left	22.81	/	/	21.13	/	/	<=30	Pass
		Inner 1RB Right	22.72	/	/	21.04	/	/	<=30	Pass
	3750	Edge 1RB Left	22.54	/	/	20.86	/	/	<=30	Pass
		Edge 1RB Right	22.77	/	/	21.09	/	/	<=30	Pass
		Outer Full	22.99	/	/	21.31	/	/	<=30	Pass
		Inner Full	22.64	/	/	20.96	/	/	<=30	Pass
		Inner 1RB Left	22.82	/	/	21.14	/	/	<=30	Pass
		Inner 1RB Right	22.82	/	/	21.14	/	/	<=30	Pass
	3787.5	Edge 1RB Left	21.99	/	/	20.31	/	/	<=30	Pass
		Edge 1RB Right	22.15	/	/	20.47	/	/	<=30	Pass
		Outer Full	22.26	/	/	20.58	/	/	<=30	Pass
		Inner Full	21.89	/	/	20.21	/	/	<=30	Pass

		Inner 1RB Left	22.29	/	/	20.61	/	/	<=30	Pass
		Inner 1RB Right	22.05	/	/	20.37	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3712.5	Edge 1RB Left	21.27	/	/	19.59	/	/	<=30	Pass
		Edge 1RB Right	21.58	/	/	19.90	/	/	<=30	Pass
		Outer Full	21.26	/	/	19.58	/	/	<=30	Pass
		Inner Full	21.32	/	/	19.64	/	/	<=30	Pass
		Inner 1RB Left	21.57	/	/	19.89	/	/	<=30	Pass
		Inner 1RB Right	21.65	/	/	19.97	/	/	<=30	Pass
		Edge 1RB Left	21.43	/	/	19.75	/	/	<=30	Pass
		Edge 1RB Right	21.67	/	/	19.99	/	/	<=30	Pass
	3750	Outer Full	21.40	/	/	19.72	/	/	<=30	Pass
		Inner Full	21.47	/	/	19.79	/	/	<=30	Pass
		Inner 1RB Left	21.73	/	/	20.05	/	/	<=30	Pass
		Inner 1RB Right	21.74	/	/	20.06	/	/	<=30	Pass
		Edge 1RB Left	20.86	/	/	19.18	/	/	<=30	Pass
		Edge 1RB Right	20.89	/	/	19.21	/	/	<=30	Pass
	3787.5	Outer Full	20.64	/	/	18.96	/	/	<=30	Pass
		Inner Full	20.68	/	/	19.00	/	/	<=30	Pass
		Inner 1RB Left	21.18	/	/	19.50	/	/	<=30	Pass
		Inner 1RB Right	20.91	/	/	19.23	/	/	<=30	Pass
		Edge 1RB Left	22.38	/	/	20.70	/	/	<=30	Pass
		Edge 1RB Right	22.69	/	/	21.01	/	/	<=30	Pass
CP-OFDM QPSK	3712.5	Outer Full	22.61	/	/	20.93	/	/	<=30	Pass
		Inner Full	22.41	/	/	20.73	/	/	<=30	Pass
		Inner 1RB Left	22.68	/	/	21.00	/	/	<=30	Pass
		Inner 1RB Right	22.67	/	/	20.99	/	/	<=30	Pass
	3750	Edge 1RB Left	22.45	/	/	20.77	/	/	<=30	Pass
		Edge 1RB Right	22.63	/	/	20.95	/	/	<=30	Pass
		Outer Full	22.75	/	/	21.07	/	/	<=30	Pass
		Inner Full	22.39	/	/	20.71	/	/	<=30	Pass
		Inner 1RB Left	22.70	/	/	21.02	/	/	<=30	Pass
		Inner 1RB Right	22.62	/	/	20.94	/	/	<=30	Pass
	3787.5	Edge 1RB Left	21.87	/	/	20.19	/	/	<=30	Pass
		Edge 1RB Right	22.02	/	/	20.34	/	/	<=30	Pass
		Outer Full	22.06	/	/	20.38	/	/	<=30	Pass
		Inner Full	21.82	/	/	20.14	/	/	<=30	Pass
		Inner 1RB Left	22.17	/	/	20.49	/	/	<=30	Pass
		Inner 1RB Right	21.98	/	/	20.30	/	/	<=30	Pass
CP-OFDM 16 QAM	3712.5	Edge 1RB Left	22.32	/	/	20.64	/	/	<=30	Pass
		Edge 1RB Right	22.69	/	/	21.01	/	/	<=30	Pass
		Outer Full	22.71	/	/	21.03	/	/	<=30	Pass
		Inner Full	22.34	/	/	20.66	/	/	<=30	Pass
		Inner 1RB Left	22.64	/	/	20.96	/	/	<=30	Pass
		Inner 1RB Right	22.68	/	/	21.00	/	/	<=30	Pass
	3750	Edge 1RB Left	22.44	/	/	20.76	/	/	<=30	Pass
		Edge 1RB Right	22.69	/	/	21.01	/	/	<=30	Pass
		Outer Full	22.66	/	/	20.98	/	/	<=30	Pass
		Inner Full	22.45	/	/	20.77	/	/	<=30	Pass
		Inner 1RB Left	22.71	/	/	21.03	/	/	<=30	Pass
		Inner 1RB Right	22.69	/	/	21.01	/	/	<=30	Pass
	3787.5	Edge 1RB Left	22.01	/	/	20.33	/	/	<=30	Pass
		Edge 1RB Right	22.02	/	/	20.34	/	/	<=30	Pass
		Outer Full	22.10	/	/	20.42	/	/	<=30	Pass
		Inner Full	21.79	/	/	20.11	/	/	<=30	Pass
		Inner 1RB Left	22.30	/	/	20.62	/	/	<=30	Pass
		Inner 1RB Right	22.02	/	/	20.34	/	/	<=30	Pass
CP-OFDM 64 QAM	3712.5	Edge 1RB Left	22.29	/	/	20.61	/	/	<=30	Pass
		Edge 1RB Right	22.64	/	/	20.96	/	/	<=30	Pass
		Outer Full	22.24	/	/	20.56	/	/	<=30	Pass

	3750	Inner_Full	22.33	/	/	20.65	/	/	<=30	Pass
		Inner_1RB_Left	22.76	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Right	22.80	/	/	21.12	/	/	<=30	Pass
		Edge_1RB_Left	22.40	/	/	20.72	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	20.98	/	/	<=30	Pass
		Outer_Full	22.31	/	/	20.63	/	/	<=30	Pass
		Inner_Full	22.43	/	/	20.75	/	/	<=30	Pass
		Inner_1RB_Left	22.68	/	/	21.00	/	/	<=30	Pass
		Inner_1RB_Right	22.65	/	/	20.97	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	22.12	/	/	20.44	/	/	<=30	Pass
		Edge_1RB_Right	22.13	/	/	20.45	/	/	<=30	Pass
		Outer_Full	21.67	/	/	19.99	/	/	<=30	Pass
		Inner_Full	21.80	/	/	20.12	/	/	<=30	Pass
		Inner_1RB_Left	22.42	/	/	20.74	/	/	<=30	Pass
		Inner_1RB_Right	22.15	/	/	20.47	/	/	<=30	Pass
CP-OFDM 256 QAM	3712.5	Edge_1RB_Left	19.23	/	/	17.55	/	/	<=30	Pass
		Edge_1RB_Right	19.57	/	/	17.89	/	/	<=30	Pass
		Outer_Full	19.09	/	/	17.41	/	/	<=30	Pass
		Inner_Full	19.24	/	/	17.56	/	/	<=30	Pass
		Inner_1RB_Left	19.57	/	/	17.89	/	/	<=30	Pass
		Inner_1RB_Right	19.62	/	/	17.94	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.33	/	/	17.65	/	/	<=30	Pass
		Edge_1RB_Right	19.58	/	/	17.90	/	/	<=30	Pass
		Outer_Full	19.16	/	/	17.48	/	/	<=30	Pass
		Inner_Full	19.32	/	/	17.64	/	/	<=30	Pass
		Inner_1RB_Left	19.64	/	/	17.96	/	/	<=30	Pass
		Inner_1RB_Right	19.61	/	/	17.93	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	18.86	/	/	17.18	/	/	<=30	Pass
		Edge_1RB_Right	18.85	/	/	17.17	/	/	<=30	Pass
		Outer_Full	18.51	/	/	16.83	/	/	<=30	Pass
		Inner_Full	18.68	/	/	17.00	/	/	<=30	Pass
		Inner_1RB_Left	19.19	/	/	17.51	/	/	<=30	Pass
		Inner_1RB_Right	18.89	/	/	17.21	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -1.68dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.12 30k SISO 30MHz NTN_V 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	23.24	/	/	21.56	/	/	<=30	Pass
		Edge 1RB Right	23.30	/	/	21.62	/	/	<=30	Pass
		Outer Full	22.62	/	/	20.94	/	/	<=30	Pass
		Inner Full	22.33	/	/	20.65	/	/	<=30	Pass
		Inner 1RB Left	23.09	/	/	21.41	/	/	<=30	Pass
		Inner 1RB Right	23.34	/	/	21.66	/	/	<=30	Pass
	3750	Edge 1RB Left	23.53	/	/	21.85	/	/	<=30	Pass
		Edge 1RB Right	23.32	/	/	21.64	/	/	<=30	Pass
		Outer Full	22.89	/	/	21.21	/	/	<=30	Pass
		Inner Full	22.53	/	/	20.85	/	/	<=30	Pass
		Inner 1RB Left	23.38	/	/	21.70	/	/	<=30	Pass
		Inner 1RB Right	23.39	/	/	21.71	/	/	<=30	Pass
	3784.98	Edge 1RB Left	23.32	/	/	21.64	/	/	<=30	Pass
		Edge 1RB Right	22.88	/	/	21.20	/	/	<=30	Pass
		Outer Full	22.47	/	/	20.79	/	/	<=30	Pass
Inner Full		22.17	/	/	20.49	/	/	<=30	Pass	
Inner 1RB Left		23.19	/	/	21.51	/	/	<=30	Pass	

		Inner 1RB Right	22.92	/	/	21.24	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.02	Edge 1RB Left	22.97	/	/	21.29	/	/	<=30	Pass
		Edge 1RB Right	23.11	/	/	21.43	/	/	<=30	Pass
		Outer Full	22.57	/	/	20.89	/	/	<=30	Pass
		Inner Full	22.23	/	/	20.55	/	/	<=30	Pass
		Inner 1RB Left	22.85	/	/	21.17	/	/	<=30	Pass
		Inner 1RB Right	23.16	/	/	21.48	/	/	<=30	Pass
	3750	Edge 1RB Left	23.38	/	/	21.70	/	/	<=30	Pass
		Edge 1RB Right	23.26	/	/	21.58	/	/	<=30	Pass
		Outer Full	22.75	/	/	21.07	/	/	<=30	Pass
		Inner Full	22.59	/	/	20.91	/	/	<=30	Pass
		Inner 1RB Left	23.28	/	/	21.60	/	/	<=30	Pass
		Inner 1RB Right	23.33	/	/	21.65	/	/	<=30	Pass
	3784.98	Edge 1RB Left	23.19	/	/	21.51	/	/	<=30	Pass
		Edge 1RB Right	22.64	/	/	20.96	/	/	<=30	Pass
		Outer Full	22.39	/	/	20.71	/	/	<=30	Pass
		Inner Full	22.10	/	/	20.42	/	/	<=30	Pass
		Inner 1RB Left	23.07	/	/	21.39	/	/	<=30	Pass
		Inner 1RB Right	22.69	/	/	21.01	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3715.02	Edge 1RB Left	23.15	/	/	21.47	/	/	<=30	Pass
		Edge 1RB Right	23.30	/	/	21.62	/	/	<=30	Pass
		Outer Full	22.52	/	/	20.84	/	/	<=30	Pass
		Inner Full	22.19	/	/	20.51	/	/	<=30	Pass
		Inner 1RB Left	23.03	/	/	21.35	/	/	<=30	Pass
		Inner 1RB Right	23.34	/	/	21.66	/	/	<=30	Pass
	3750	Edge 1RB Left	23.59	/	/	21.91	/	/	<=30	Pass
		Edge 1RB Right	23.48	/	/	21.80	/	/	<=30	Pass
		Outer Full	22.86	/	/	21.18	/	/	<=30	Pass
		Inner Full	22.60	/	/	20.92	/	/	<=30	Pass
		Inner 1RB Left	23.49	/	/	21.81	/	/	<=30	Pass
		Inner 1RB Right	23.53	/	/	21.85	/	/	<=30	Pass
	3784.98	Edge 1RB Left	23.38	/	/	21.70	/	/	<=30	Pass
		Edge 1RB Right	22.84	/	/	21.16	/	/	<=30	Pass
		Outer Full	22.39	/	/	20.71	/	/	<=30	Pass
		Inner Full	22.09	/	/	20.41	/	/	<=30	Pass
		Inner 1RB Left	23.26	/	/	21.58	/	/	<=30	Pass
		Inner 1RB Right	22.88	/	/	21.20	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3715.02	Edge 1RB Left	21.88	/	/	20.20	/	/	<=30	Pass
		Edge 1RB Right	22.02	/	/	20.34	/	/	<=30	Pass
		Outer Full	20.89	/	/	19.21	/	/	<=30	Pass
		Inner Full	21.02	/	/	19.34	/	/	<=30	Pass
		Inner 1RB Left	21.76	/	/	20.08	/	/	<=30	Pass
		Inner 1RB Right	22.06	/	/	20.38	/	/	<=30	Pass
	3750	Edge 1RB Left	22.35	/	/	20.67	/	/	<=30	Pass
		Edge 1RB Right	22.23	/	/	20.55	/	/	<=30	Pass
		Outer Full	21.27	/	/	19.59	/	/	<=30	Pass
		Inner Full	21.45	/	/	19.77	/	/	<=30	Pass
		Inner 1RB Left	22.24	/	/	20.56	/	/	<=30	Pass
		Inner 1RB Right	22.28	/	/	20.60	/	/	<=30	Pass
	3784.98	Edge 1RB Left	22.01	/	/	20.33	/	/	<=30	Pass
		Edge 1RB Right	21.46	/	/	19.78	/	/	<=30	Pass
		Outer Full	20.68	/	/	19.00	/	/	<=30	Pass
		Inner Full	20.82	/	/	19.14	/	/	<=30	Pass
		Inner 1RB Left	21.90	/	/	20.22	/	/	<=30	Pass
		Inner 1RB Right	21.52	/	/	19.84	/	/	<=30	Pass
CP-OFDM QPSK	3715.02	Edge 1RB Left	22.76	/	/	21.08	/	/	<=30	Pass
		Edge 1RB Right	22.90	/	/	21.22	/	/	<=30	Pass
		Outer Full	22.36	/	/	20.68	/	/	<=30	Pass
		Inner Full	22.11	/	/	20.43	/	/	<=30	Pass

		Inner 1RB Left	22.66	/	/	20.98	/	/	<=30	Pass
		Inner 1RB Right	22.97	/	/	21.29	/	/	<=30	Pass
	3750	Edge 1RB Left	23.13	/	/	21.45	/	/	<=30	Pass
		Edge 1RB Right	23.03	/	/	21.35	/	/	<=30	Pass
		Outer Full	22.73	/	/	21.05	/	/	<=30	Pass
		Inner Full	22.39	/	/	20.71	/	/	<=30	Pass
		Inner 1RB Left	23.04	/	/	21.36	/	/	<=30	Pass
		Inner 1RB Right	23.17	/	/	21.49	/	/	<=30	Pass
	3784.98	Edge 1RB Left	22.86	/	/	21.18	/	/	<=30	Pass
		Edge 1RB Right	22.50	/	/	20.82	/	/	<=30	Pass
		Outer Full	22.21	/	/	20.53	/	/	<=30	Pass
		Inner Full	21.93	/	/	20.25	/	/	<=30	Pass
		Inner 1RB Left	22.76	/	/	21.08	/	/	<=30	Pass
		Inner 1RB Right	22.58	/	/	20.90	/	/	<=30	Pass
CP-OFDM 16 QAM	3715.02	Edge 1RB Left	22.62	/	/	20.94	/	/	<=30	Pass
		Edge 1RB Right	22.83	/	/	21.15	/	/	<=30	Pass
		Outer Full	22.42	/	/	20.74	/	/	<=30	Pass
		Inner Full	22.01	/	/	20.33	/	/	<=30	Pass
		Inner 1RB Left	22.53	/	/	20.85	/	/	<=30	Pass
		Inner 1RB Right	22.91	/	/	21.23	/	/	<=30	Pass
	3750	Edge 1RB Left	23.11	/	/	21.43	/	/	<=30	Pass
		Edge 1RB Right	23.07	/	/	21.39	/	/	<=30	Pass
		Outer Full	22.67	/	/	20.99	/	/	<=30	Pass
		Inner Full	22.47	/	/	20.79	/	/	<=30	Pass
		Inner 1RB Left	23.04	/	/	21.36	/	/	<=30	Pass
		Inner 1RB Right	23.17	/	/	21.49	/	/	<=30	Pass
	3784.98	Edge 1RB Left	22.86	/	/	21.18	/	/	<=30	Pass
		Edge 1RB Right	22.39	/	/	20.71	/	/	<=30	Pass
		Outer Full	22.22	/	/	20.54	/	/	<=30	Pass
		Inner Full	21.95	/	/	20.27	/	/	<=30	Pass
		Inner 1RB Left	22.77	/	/	21.09	/	/	<=30	Pass
		Inner 1RB Right	22.48	/	/	20.80	/	/	<=30	Pass
CP-OFDM 64 QAM	3715.02	Edge 1RB Left	22.89	/	/	21.21	/	/	<=30	Pass
		Edge 1RB Right	23.11	/	/	21.43	/	/	<=30	Pass
		Outer Full	21.91	/	/	20.23	/	/	<=30	Pass
		Inner Full	22.06	/	/	20.38	/	/	<=30	Pass
		Inner 1RB Left	22.80	/	/	21.12	/	/	<=30	Pass
		Inner 1RB Right	23.19	/	/	21.51	/	/	<=30	Pass
	3750	Edge 1RB Left	23.38	/	/	21.70	/	/	<=30	Pass
		Edge 1RB Right	23.36	/	/	21.68	/	/	<=30	Pass
		Outer Full	22.34	/	/	20.66	/	/	<=30	Pass
		Inner Full	22.56	/	/	20.88	/	/	<=30	Pass
		Inner 1RB Left	23.31	/	/	21.63	/	/	<=30	Pass
		Inner 1RB Right	23.52	/	/	21.84	/	/	<=30	Pass
	3784.98	Edge 1RB Left	23.15	/	/	21.47	/	/	<=30	Pass
		Edge 1RB Right	22.69	/	/	21.01	/	/	<=30	Pass
		Outer Full	21.81	/	/	20.13	/	/	<=30	Pass
		Inner Full	21.94	/	/	20.26	/	/	<=30	Pass
		Inner 1RB Left	23.05	/	/	21.37	/	/	<=30	Pass
		Inner 1RB Right	22.76	/	/	21.08	/	/	<=30	Pass
CP-OFDM 256 QAM	3715.02	Edge 1RB Left	19.83	/	/	18.15	/	/	<=30	Pass
		Edge 1RB Right	19.98	/	/	18.30	/	/	<=30	Pass
		Outer Full	18.78	/	/	17.10	/	/	<=30	Pass
		Inner Full	18.87	/	/	17.19	/	/	<=30	Pass
		Inner 1RB Left	19.71	/	/	18.03	/	/	<=30	Pass
		Inner 1RB Right	20.06	/	/	18.38	/	/	<=30	Pass
	3750	Edge 1RB Left	20.45	/	/	18.77	/	/	<=30	Pass
		Edge 1RB Right	20.32	/	/	18.64	/	/	<=30	Pass
		Outer Full	19.25	/	/	17.57	/	/	<=30	Pass

		Inner Full	19.37	/	/	17.69	/	/	<=30	Pass
		Inner 1RB Left	20.33	/	/	18.65	/	/	<=30	Pass
		Inner 1RB Right	20.41	/	/	18.73	/	/	<=30	Pass
	3784.98	Edge 1RB Left	20.11	/	/	18.43	/	/	<=30	Pass
		Edge 1RB Right	19.56	/	/	17.88	/	/	<=30	Pass
		Outer Full	18.69	/	/	17.01	/	/	<=30	Pass
		Inner Full	18.81	/	/	17.13	/	/	<=30	Pass
		Inner 1RB Left	19.99	/	/	18.31	/	/	<=30	Pass
		Inner 1RB Right	19.64	/	/	17.96	/	/	<=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	23.67	/	/	21.99	/	/	<=30	Pass
		Edge 1RB Right	23.48	/	/	21.80	/	/	<=30	Pass
		Outer Full	22.75	/	/	21.07	/	/	<=30	Pass
		Inner Full	22.32	/	/	20.64	/	/	<=30	Pass
		Inner 1RB Left	23.58	/	/	21.90	/	/	<=30	Pass
		Inner 1RB Right	23.60	/	/	21.92	/	/	<=30	Pass
	3750	Edge 1RB Left	23.80	/	/	22.12	/	/	<=30	Pass
		Edge 1RB Right	23.38	/	/	21.70	/	/	<=30	Pass
		Outer Full	22.98	/	/	21.30	/	/	<=30	Pass
		Inner Full	22.52	/	/	20.84	/	/	<=30	Pass
		Inner 1RB Left	23.72	/	/	22.04	/	/	<=30	Pass
		Inner 1RB Right	23.49	/	/	21.81	/	/	<=30	Pass
	3780	Edge 1RB Left	23.69	/	/	22.01	/	/	<=30	Pass
		Edge 1RB Right	22.98	/	/	21.30	/	/	<=30	Pass
		Outer Full	22.61	/	/	20.93	/	/	<=30	Pass
		Inner Full	22.17	/	/	20.49	/	/	<=30	Pass
		Inner 1RB Left	23.58	/	/	21.90	/	/	<=30	Pass
		Inner 1RB Right	23.07	/	/	21.39	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Edge 1RB Left	23.53	/	/	21.85	/	/	<=30	Pass
		Edge 1RB Right	23.48	/	/	21.80	/	/	<=30	Pass
		Outer Full	22.72	/	/	21.04	/	/	<=30	Pass
		Inner Full	22.19	/	/	20.51	/	/	<=30	Pass
		Inner 1RB Left	23.47	/	/	21.79	/	/	<=30	Pass
		Inner 1RB Right	23.61	/	/	21.93	/	/	<=30	Pass
	3750	Edge 1RB Left	23.76	/	/	22.08	/	/	<=30	Pass
		Edge 1RB Right	23.40	/	/	21.72	/	/	<=30	Pass
		Outer Full	22.84	/	/	21.16	/	/	<=30	Pass
		Inner Full	22.54	/	/	20.86	/	/	<=30	Pass
		Inner 1RB Left	23.68	/	/	22.00	/	/	<=30	Pass
		Inner 1RB Right	23.51	/	/	21.83	/	/	<=30	Pass
	3780	Edge 1RB Left	23.72	/	/	22.04	/	/	<=30	Pass
		Edge 1RB Right	22.86	/	/	21.18	/	/	<=30	Pass
		Outer Full	22.51	/	/	20.83	/	/	<=30	Pass
		Inner Full	22.11	/	/	20.43	/	/	<=30	Pass
		Inner 1RB Left	23.63	/	/	21.95	/	/	<=30	Pass
		Inner 1RB Right	22.96	/	/	21.28	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Edge 1RB Left	23.38	/	/	21.70	/	/	<=30	Pass
		Edge 1RB Right	22.77	/	/	21.09	/	/	<=30	Pass
		Outer Full	22.65	/	/	20.97	/	/	<=30	Pass
		Inner Full	21.29	/	/	19.61	/	/	<=30	Pass
		Inner 1RB Left	22.09	/	/	20.41	/	/	<=30	Pass

		3750	Inner_1RB_Right	22.48	/	/	20.80	/	/	<=30	Pass
			Edge_1RB_Left	23.60	/	/	21.92	/	/	<=30	Pass
			Edge_1RB_Right	23.27	/	/	21.59	/	/	<=30	Pass
			Outer_Full	22.89	/	/	21.21	/	/	<=30	Pass
			Inner_Full	22.53	/	/	20.85	/	/	<=30	Pass
			Inner_1RB_Left	23.53	/	/	21.85	/	/	<=30	Pass
			Inner_1RB_Right	23.36	/	/	21.68	/	/	<=30	Pass
		3780	Edge_1RB_Left	23.55	/	/	21.87	/	/	<=30	Pass
			Edge_1RB_Right	22.72	/	/	21.04	/	/	<=30	Pass
			Outer_Full	22.51	/	/	20.83	/	/	<=30	Pass
			Inner_Full	22.11	/	/	20.43	/	/	<=30	Pass
			Inner_1RB_Left	23.47	/	/	21.79	/	/	<=30	Pass
			Inner_1RB_Right	22.82	/	/	21.14	/	/	<=30	Pass
			Edge_1RB_Left	22.31	/	/	20.63	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3720	Edge_1RB_Right	22.28	/	/	20.60	/	/	<=30	Pass	
		Outer_Full	20.00	/	/	18.32	/	/	<=30	Pass	
		Inner_Full	21.14	/	/	19.46	/	/	<=30	Pass	
		Inner_1RB_Left	22.24	/	/	20.56	/	/	<=30	Pass	
		Inner_1RB_Right	22.40	/	/	20.72	/	/	<=30	Pass	
		Edge_1RB_Left	22.74	/	/	21.06	/	/	<=30	Pass	
	3750	Edge_1RB_Right	22.37	/	/	20.69	/	/	<=30	Pass	
		Outer_Full	21.40	/	/	19.72	/	/	<=30	Pass	
		Inner_Full	21.47	/	/	19.79	/	/	<=30	Pass	
		Inner_1RB_Left	22.66	/	/	20.98	/	/	<=30	Pass	
		Inner_1RB_Right	22.48	/	/	20.80	/	/	<=30	Pass	
		Edge_1RB_Left	22.61	/	/	20.93	/	/	<=30	Pass	
	3780	Edge_1RB_Right	21.81	/	/	20.13	/	/	<=30	Pass	
		Outer_Full	21.00	/	/	19.32	/	/	<=30	Pass	
Inner_Full		21.03	/	/	19.35	/	/	<=30	Pass		
Inner_1RB_Left		22.52	/	/	20.84	/	/	<=30	Pass		
Inner_1RB_Right		21.84	/	/	20.16	/	/	<=30	Pass		
Edge_1RB_Left		23.17	/	/	21.49	/	/	<=30	Pass		
CP-OFDM QPSK	3720	Edge_1RB_Right	23.12	/	/	21.44	/	/	<=30	Pass	
		Outer_Full	22.58	/	/	20.90	/	/	<=30	Pass	
		Inner_Full	22.18	/	/	20.50	/	/	<=30	Pass	
		Inner_1RB_Left	23.17	/	/	21.49	/	/	<=30	Pass	
		Inner_1RB_Right	23.26	/	/	21.58	/	/	<=30	Pass	
		Edge_1RB_Left	23.48	/	/	21.80	/	/	<=30	Pass	
	3750	Edge_1RB_Right	23.13	/	/	21.45	/	/	<=30	Pass	
		Outer_Full	22.83	/	/	21.15	/	/	<=30	Pass	
		Inner_Full	22.34	/	/	20.66	/	/	<=30	Pass	
		Inner_1RB_Left	23.43	/	/	21.75	/	/	<=30	Pass	
		Inner_1RB_Right	23.25	/	/	21.57	/	/	<=30	Pass	
		Edge_1RB_Left	23.38	/	/	21.70	/	/	<=30	Pass	
	3780	Edge_1RB_Right	22.71	/	/	21.03	/	/	<=30	Pass	
		Outer_Full	22.41	/	/	20.73	/	/	<=30	Pass	
Inner_Full		21.98	/	/	20.30	/	/	<=30	Pass		
Inner_1RB_Left		23.30	/	/	21.62	/	/	<=30	Pass		
Inner_1RB_Right		22.83	/	/	21.15	/	/	<=30	Pass		
Edge_1RB_Left		23.12	/	/	21.44	/	/	<=30	Pass		
CP-OFDM 16 QAM	3720	Edge_1RB_Right	23.16	/	/	21.48	/	/	<=30	Pass	
		Outer_Full	22.62	/	/	20.94	/	/	<=30	Pass	
		Inner_Full	22.11	/	/	20.43	/	/	<=30	Pass	
		Inner_1RB_Left	23.08	/	/	21.40	/	/	<=30	Pass	
		Inner_1RB_Right	23.30	/	/	21.62	/	/	<=30	Pass	
		Edge_1RB_Left	23.38	/	/	21.70	/	/	<=30	Pass	
	3750	Edge_1RB_Right	23.08	/	/	21.40	/	/	<=30	Pass	
		Outer_Full	22.76	/	/	21.08	/	/	<=30	Pass	
		Inner_Full	22.32	/	/	20.64	/	/	<=30	Pass	

		Inner 1RB Left	23.33	/	/	21.65	/	/	<=30	Pass	
		Inner 1RB Right	23.20	/	/	21.52	/	/	<=30	Pass	
	3780	Edge 1RB Left	23.42	/	/	21.74	/	/	<=30	Pass	
		Edge 1RB Right	22.60	/	/	20.92	/	/	<=30	Pass	
		Outer Full	22.41	/	/	20.73	/	/	<=30	Pass	
		Inner Full	21.97	/	/	20.29	/	/	<=30	Pass	
		Inner 1RB Left	23.37	/	/	21.69	/	/	<=30	Pass	
		Inner 1RB Right	22.75	/	/	21.07	/	/	<=30	Pass	
CP-OFDM 64 QAM	3720	Edge 1RB Left	23.11	/	/	21.43	/	/	<=30	Pass	
		Edge 1RB Right	23.14	/	/	21.46	/	/	<=30	Pass	
		Outer Full	22.17	/	/	20.49	/	/	<=30	Pass	
		Inner Full	22.12	/	/	20.44	/	/	<=30	Pass	
		Inner 1RB Left	23.06	/	/	21.38	/	/	<=30	Pass	
		Inner 1RB Right	23.28	/	/	21.60	/	/	<=30	Pass	
	3750	Edge 1RB Left	23.32	/	/	21.64	/	/	<=30	Pass	
		Edge 1RB Right	23.02	/	/	21.34	/	/	<=30	Pass	
		Outer Full	22.28	/	/	20.60	/	/	<=30	Pass	
		Inner Full	22.26	/	/	20.58	/	/	<=30	Pass	
		Inner 1RB Left	23.28	/	/	21.60	/	/	<=30	Pass	
		Inner 1RB Right	23.16	/	/	21.48	/	/	<=30	Pass	
	3780	Edge 1RB Left	23.39	/	/	21.71	/	/	<=30	Pass	
		Edge 1RB Right	22.65	/	/	20.97	/	/	<=30	Pass	
		Outer Full	22.00	/	/	20.32	/	/	<=30	Pass	
		Inner Full	22.06	/	/	20.38	/	/	<=30	Pass	
		Inner 1RB Left	23.36	/	/	21.68	/	/	<=30	Pass	
		Inner 1RB Right	22.74	/	/	21.06	/	/	<=30	Pass	
	CP-OFDM 256 QAM	3720	Edge 1RB Left	20.35	/	/	18.67	/	/	<=30	Pass
			Edge 1RB Right	20.31	/	/	18.63	/	/	<=30	Pass
Outer Full			19.14	/	/	17.46	/	/	<=30	Pass	
Inner Full			19.11	/	/	17.43	/	/	<=30	Pass	
Inner 1RB Left			20.30	/	/	18.62	/	/	<=30	Pass	
Inner 1RB Right			20.44	/	/	18.76	/	/	<=30	Pass	
3750		Edge 1RB Left	20.54	/	/	18.86	/	/	<=30	Pass	
		Edge 1RB Right	20.12	/	/	18.44	/	/	<=30	Pass	
		Outer Full	19.14	/	/	17.46	/	/	<=30	Pass	
		Inner Full	19.19	/	/	17.51	/	/	<=30	Pass	
		Inner 1RB Left	20.45	/	/	18.77	/	/	<=30	Pass	
		Inner 1RB Right	20.24	/	/	18.56	/	/	<=30	Pass	
3780		Edge 1RB Left	20.72	/	/	19.04	/	/	<=30	Pass	
		Edge 1RB Right	19.82	/	/	18.14	/	/	<=30	Pass	
	Outer Full	19.06	/	/	17.38	/	/	<=30	Pass		
	Inner Full	19.00	/	/	17.32	/	/	<=30	Pass		
	Inner 1RB Left	20.63	/	/	18.95	/	/	<=30	Pass		
		Inner 1RB Right	19.93	/	/	18.25	/	/	<=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 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	22.84	/	/	21.16	/	/	<=30	Pass
		Edge 1RB Right	23.10	/	/	21.42	/	/	<=30	Pass
		Outer Full	23.01	/	/	21.33	/	/	<=30	Pass
		Inner Full	22.63	/	/	20.95	/	/	<=30	Pass
		Inner 1RB Left	22.86	/	/	21.18	/	/	<=30	Pass
		Inner 1RB Right	23.28	/	/	21.60	/	/	<=30	Pass

	3750	Edge 1RB Left	23.10	/	/	21.42	/	/	<=30	Pass
		Edge 1RB Right	22.89	/	/	21.21	/	/	<=30	Pass
		Outer Full	23.17	/	/	21.49	/	/	<=30	Pass
		Inner Full	22.77	/	/	21.09	/	/	<=30	Pass
		Inner 1RB Left	23.18	/	/	21.50	/	/	<=30	Pass
		Inner 1RB Right	23.06	/	/	21.38	/	/	<=30	Pass
	3774.99	Edge 1RB Left	23.48	/	/	21.80	/	/	<=30	Pass
		Edge 1RB Right	22.70	/	/	21.02	/	/	<=30	Pass
		Outer Full	23.20	/	/	21.52	/	/	<=30	Pass
		Inner Full	22.80	/	/	21.12	/	/	<=30	Pass
		Inner 1RB Left	23.50	/	/	21.82	/	/	<=30	Pass
		Inner 1RB Right	22.87	/	/	21.19	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3725.01	Edge 1RB Left	22.74	/	/	21.06	/	/	<=30	Pass
		Edge 1RB Right	23.16	/	/	21.48	/	/	<=30	Pass
		Outer Full	22.98	/	/	21.30	/	/	<=30	Pass
		Inner Full	22.51	/	/	20.83	/	/	<=30	Pass
		Inner 1RB Left	22.76	/	/	21.08	/	/	<=30	Pass
		Inner 1RB Right	23.34	/	/	21.66	/	/	<=30	Pass
	3750	Edge 1RB Left	23.08	/	/	21.40	/	/	<=30	Pass
		Edge 1RB Right	22.87	/	/	21.19	/	/	<=30	Pass
		Outer Full	23.09	/	/	21.41	/	/	<=30	Pass
		Inner Full	22.75	/	/	21.07	/	/	<=30	Pass
		Inner 1RB Left	23.12	/	/	21.44	/	/	<=30	Pass
		Inner 1RB Right	23.06	/	/	21.38	/	/	<=30	Pass
	3774.99	Edge 1RB Left	23.53	/	/	21.85	/	/	<=30	Pass
		Edge 1RB Right	22.60	/	/	20.92	/	/	<=30	Pass
		Outer Full	23.12	/	/	21.44	/	/	<=30	Pass
		Inner Full	22.71	/	/	21.03	/	/	<=30	Pass
		Inner 1RB Left	23.55	/	/	21.87	/	/	<=30	Pass
		Inner 1RB Right	22.77	/	/	21.09	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3725.01	Edge 1RB Left	22.59	/	/	20.91	/	/	<=30	Pass
		Edge 1RB Right	23.03	/	/	21.35	/	/	<=30	Pass
		Outer Full	22.93	/	/	21.25	/	/	<=30	Pass
		Inner Full	22.53	/	/	20.85	/	/	<=30	Pass
		Inner 1RB Left	22.62	/	/	20.94	/	/	<=30	Pass
		Inner 1RB Right	23.19	/	/	21.51	/	/	<=30	Pass
	3750	Edge 1RB Left	22.94	/	/	21.26	/	/	<=30	Pass
		Edge 1RB Right	22.75	/	/	21.07	/	/	<=30	Pass
		Outer Full	23.10	/	/	21.42	/	/	<=30	Pass
		Inner Full	22.78	/	/	21.10	/	/	<=30	Pass
		Inner 1RB Left	22.98	/	/	21.30	/	/	<=30	Pass
		Inner 1RB Right	22.92	/	/	21.24	/	/	<=30	Pass
	3774.99	Edge 1RB Left	23.36	/	/	21.68	/	/	<=30	Pass
		Edge 1RB Right	22.45	/	/	20.77	/	/	<=30	Pass
		Outer Full	23.10	/	/	21.42	/	/	<=30	Pass
		Inner Full	22.74	/	/	21.06	/	/	<=30	Pass
		Inner 1RB Left	23.40	/	/	21.72	/	/	<=30	Pass
		Inner 1RB Right	22.62	/	/	20.94	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3725.01	Edge 1RB Left	21.61	/	/	19.93	/	/	<=30	Pass
		Edge 1RB Right	22.04	/	/	20.36	/	/	<=30	Pass
		Outer Full	21.48	/	/	19.80	/	/	<=30	Pass
		Inner Full	21.52	/	/	19.84	/	/	<=30	Pass
		Inner 1RB Left	21.64	/	/	19.96	/	/	<=30	Pass
		Inner 1RB Right	22.21	/	/	20.53	/	/	<=30	Pass
	3750	Edge 1RB Left	21.97	/	/	20.29	/	/	<=30	Pass
		Edge 1RB Right	21.75	/	/	20.07	/	/	<=30	Pass
		Outer Full	21.65	/	/	19.97	/	/	<=30	Pass
		Inner Full	21.70	/	/	20.02	/	/	<=30	Pass
		Inner 1RB Left	22.01	/	/	20.33	/	/	<=30	Pass

	3774.99	Inner 1RB Right	21.93	/	/	20.25	/	/	<=30	Pass
		Edge 1RB Left	22.25	/	/	20.57	/	/	<=30	Pass
		Edge 1RB Right	21.31	/	/	19.63	/	/	<=30	Pass
		Outer Full	21.48	/	/	19.80	/	/	<=30	Pass
		Inner Full	21.53	/	/	19.85	/	/	<=30	Pass
		Inner 1RB Left	22.28	/	/	20.60	/	/	<=30	Pass
		Inner 1RB Right	21.49	/	/	19.81	/	/	<=30	Pass
CP-OFDM QPSK	3725.01	Edge 1RB Left	22.58	/	/	20.90	/	/	<=30	Pass
		Edge 1RB Right	22.88	/	/	21.20	/	/	<=30	Pass
		Outer Full	22.84	/	/	21.16	/	/	<=30	Pass
		Inner Full	22.40	/	/	20.72	/	/	<=30	Pass
		Inner 1RB Left	22.63	/	/	20.95	/	/	<=30	Pass
		Inner 1RB Right	23.08	/	/	21.40	/	/	<=30	Pass
	3750	Edge 1RB Left	22.84	/	/	21.16	/	/	<=30	Pass
		Edge 1RB Right	22.65	/	/	20.97	/	/	<=30	Pass
		Outer Full	22.98	/	/	21.30	/	/	<=30	Pass
		Inner Full	22.52	/	/	20.84	/	/	<=30	Pass
		Inner 1RB Left	22.93	/	/	21.25	/	/	<=30	Pass
		Inner 1RB Right	22.86	/	/	21.18	/	/	<=30	Pass
	3774.99	Edge 1RB Left	23.17	/	/	21.49	/	/	<=30	Pass
		Edge 1RB Right	22.43	/	/	20.75	/	/	<=30	Pass
		Outer Full	22.95	/	/	21.27	/	/	<=30	Pass
		Inner Full	22.50	/	/	20.82	/	/	<=30	Pass
		Inner 1RB Left	23.23	/	/	21.55	/	/	<=30	Pass
CP-OFDM 16 QAM	3725.01	Inner 1RB Right	22.65	/	/	20.97	/	/	<=30	Pass
		Edge 1RB Left	22.50	/	/	20.82	/	/	<=30	Pass
		Edge 1RB Right	22.96	/	/	21.28	/	/	<=30	Pass
		Outer Full	22.84	/	/	21.16	/	/	<=30	Pass
		Inner Full	22.38	/	/	20.70	/	/	<=30	Pass
		Inner 1RB Left	22.55	/	/	20.87	/	/	<=30	Pass
	3750	Inner 1RB Right	23.18	/	/	21.50	/	/	<=30	Pass
		Edge 1RB Left	22.86	/	/	21.18	/	/	<=30	Pass
		Edge 1RB Right	22.68	/	/	21.00	/	/	<=30	Pass
		Outer Full	22.93	/	/	21.25	/	/	<=30	Pass
		Inner Full	22.59	/	/	20.91	/	/	<=30	Pass
		Inner 1RB Left	22.92	/	/	21.24	/	/	<=30	Pass
	3774.99	Inner 1RB Right	22.90	/	/	21.22	/	/	<=30	Pass
		Edge 1RB Left	23.26	/	/	21.58	/	/	<=30	Pass
		Edge 1RB Right	22.37	/	/	20.69	/	/	<=30	Pass
		Outer Full	22.93	/	/	21.25	/	/	<=30	Pass
		Inner Full	22.52	/	/	20.84	/	/	<=30	Pass
		Inner 1RB Left	23.31	/	/	21.63	/	/	<=30	Pass
CP-OFDM 64 QAM	3725.01	Inner 1RB Right	22.58	/	/	20.90	/	/	<=30	Pass
		Edge 1RB Left	22.48	/	/	20.80	/	/	<=30	Pass
		Edge 1RB Right	22.97	/	/	21.29	/	/	<=30	Pass
		Outer Full	22.42	/	/	20.74	/	/	<=30	Pass
		Inner Full	22.41	/	/	20.73	/	/	<=30	Pass
		Inner 1RB Left	22.57	/	/	20.89	/	/	<=30	Pass
	3750	Inner 1RB Right	23.17	/	/	21.49	/	/	<=30	Pass
		Edge 1RB Left	22.85	/	/	21.17	/	/	<=30	Pass
		Edge 1RB Right	22.74	/	/	21.06	/	/	<=30	Pass
		Outer Full	22.59	/	/	20.91	/	/	<=30	Pass
		Inner Full	22.65	/	/	20.97	/	/	<=30	Pass
		Inner 1RB Left	22.95	/	/	21.27	/	/	<=30	Pass
	3774.99	Inner 1RB Right	22.93	/	/	21.25	/	/	<=30	Pass
		Edge 1RB Left	8.61	/	/	6.93	/	/	<=30	Pass
		Edge 1RB Right	22.44	/	/	20.76	/	/	<=30	Pass
		Outer Full	22.52	/	/	20.84	/	/	<=30	Pass
		Inner Full	22.58	/	/	20.90	/	/	<=30	Pass

		Inner 1RB Left	23.37	/	/	21.69	/	/	<=30	Pass
		Inner 1RB Right	22.62	/	/	20.94	/	/	<=30	Pass
CP-OFDM 256 QAM	3725.01	Edge 1RB Left	19.64	/	/	17.96	/	/	<=30	Pass
		Edge_1RB_Right	20.05	/	/	18.37	/	/	<=30	Pass
		Outer Full	19.42	/	/	17.74	/	/	<=30	Pass
		Inner_Full	19.41	/	/	17.73	/	/	<=30	Pass
		Inner 1RB Left	19.68	/	/	18.00	/	/	<=30	Pass
		Inner 1RB Right	20.26	/	/	18.58	/	/	<=30	Pass
		Edge 1RB Left	19.97	/	/	18.29	/	/	<=30	Pass
		Edge_1RB_Right	19.73	/	/	18.05	/	/	<=30	Pass
	3750	Outer_Full	19.56	/	/	17.88	/	/	<=30	Pass
		Inner_Full	19.59	/	/	17.91	/	/	<=30	Pass
		Inner 1RB Left	20.03	/	/	18.35	/	/	<=30	Pass
		Inner 1RB Right	19.95	/	/	18.27	/	/	<=30	Pass
		Edge 1RB Left	20.36	/	/	18.68	/	/	<=30	Pass
		Edge_1RB_Right	19.36	/	/	17.68	/	/	<=30	Pass
	3774.99	Outer_Full	19.47	/	/	17.79	/	/	<=30	Pass
		Inner_Full	19.47	/	/	17.79	/	/	<=30	Pass
		Inner 1RB Left	20.40	/	/	18.72	/	/	<=30	Pass
		Inner 1RB Right	19.58	/	/	17.90	/	/	<=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 NTNv										
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	22.60	/	/	20.92	/	/	<=30	Pass
		Edge 1RB Right	22.46	/	/	20.78	/	/	<=30	Pass
		Outer Full	22.50	/	/	20.82	/	/	<=30	Pass
		Inner Full	22.45	/	/	20.77	/	/	<=30	Pass
		Inner 1RB Left	22.58	/	/	20.90	/	/	<=30	Pass
		Inner 1RB Right	22.46	/	/	20.78	/	/	<=30	Pass
	3750	Edge 1RB Left	22.93	/	/	21.25	/	/	<=30	Pass
		Edge 1RB Right	22.36	/	/	20.68	/	/	<=30	Pass
		Outer Full	22.79	/	/	21.11	/	/	<=30	Pass
		Inner Full	22.69	/	/	21.01	/	/	<=30	Pass
		Inner 1RB Left	22.93	/	/	21.25	/	/	<=30	Pass
		Inner 1RB Right	22.41	/	/	20.73	/	/	<=30	Pass
	3769.98	Edge 1RB Left	23.19	/	/	21.51	/	/	<=30	Pass
		Edge 1RB Right	22.24	/	/	20.56	/	/	<=30	Pass
		Outer Full	22.74	/	/	21.06	/	/	<=30	Pass
		Inner Full	22.66	/	/	20.98	/	/	<=30	Pass
		Inner 1RB Left	23.13	/	/	21.45	/	/	<=30	Pass
		Inner 1RB Right	22.27	/	/	20.59	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3730.02	Edge 1RB Left	22.50	/	/	20.82	/	/	<=30	Pass
		Edge 1RB Right	22.45	/	/	20.77	/	/	<=30	Pass
		Outer Full	22.45	/	/	20.77	/	/	<=30	Pass
		Inner Full	22.35	/	/	20.67	/	/	<=30	Pass
		Inner 1RB Left	22.46	/	/	20.78	/	/	<=30	Pass
		Inner 1RB Right	22.50	/	/	20.82	/	/	<=30	Pass
	3750	Edge 1RB Left	22.90	/	/	21.22	/	/	<=30	Pass
		Edge 1RB Right	22.34	/	/	20.66	/	/	<=30	Pass
		Outer Full	22.67	/	/	20.99	/	/	<=30	Pass
		Inner Full	22.69	/	/	21.01	/	/	<=30	Pass
		Inner 1RB Left	22.86	/	/	21.18	/	/	<=30	Pass
		Inner 1RB Right	22.38	/	/	20.70	/	/	<=30	Pass

	3769.98	Edge 1RB Left	23.22	/	/	21.54	/	/	<=30	Pass
		Edge 1RB Right	22.14	/	/	20.46	/	/	<=30	Pass
		Outer Full	22.65	/	/	20.97	/	/	<=30	Pass
		Inner Full	22.62	/	/	20.94	/	/	<=30	Pass
		Inner 1RB Left	23.17	/	/	21.49	/	/	<=30	Pass
		Inner 1RB Right	22.19	/	/	20.51	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3730.02	Edge 1RB Left	22.51	/	/	20.83	/	/	<=30	Pass
		Edge 1RB Right	22.48	/	/	20.80	/	/	<=30	Pass
		Outer Full	22.40	/	/	20.72	/	/	<=30	Pass
		Inner Full	22.36	/	/	20.68	/	/	<=30	Pass
		Inner 1RB Left	22.46	/	/	20.78	/	/	<=30	Pass
		Inner 1RB Right	22.54	/	/	20.86	/	/	<=30	Pass
	3750	Edge 1RB Left	22.91	/	/	21.23	/	/	<=30	Pass
		Edge 1RB Right	22.36	/	/	20.68	/	/	<=30	Pass
		Outer Full	22.69	/	/	21.01	/	/	<=30	Pass
		Inner Full	22.70	/	/	21.02	/	/	<=30	Pass
		Inner 1RB Left	22.86	/	/	21.18	/	/	<=30	Pass
		Inner 1RB Right	22.42	/	/	20.74	/	/	<=30	Pass
	3769.98	Edge 1RB Left	23.06	/	/	21.38	/	/	<=30	Pass
		Edge 1RB Right	22.01	/	/	20.33	/	/	<=30	Pass
		Outer Full	22.65	/	/	20.97	/	/	<=30	Pass
		Inner Full	22.63	/	/	20.95	/	/	<=30	Pass
		Inner 1RB Left	23.01	/	/	21.33	/	/	<=30	Pass
		Inner 1RB Right	22.06	/	/	20.38	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3730.02	Edge 1RB Left	21.40	/	/	19.72	/	/	<=30	Pass
		Edge 1RB Right	21.32	/	/	19.64	/	/	<=30	Pass
		Outer Full	20.91	/	/	19.23	/	/	<=30	Pass
		Inner Full	21.27	/	/	19.59	/	/	<=30	Pass
		Inner 1RB Left	21.33	/	/	19.65	/	/	<=30	Pass
		Inner 1RB Right	21.37	/	/	19.69	/	/	<=30	Pass
	3750	Edge 1RB Left	21.80	/	/	20.12	/	/	<=30	Pass
		Edge 1RB Right	21.20	/	/	19.52	/	/	<=30	Pass
		Outer Full	21.20	/	/	19.52	/	/	<=30	Pass
		Inner Full	21.61	/	/	19.93	/	/	<=30	Pass
		Inner 1RB Left	21.74	/	/	20.06	/	/	<=30	Pass
		Inner 1RB Right	21.26	/	/	19.58	/	/	<=30	Pass
	3769.98	Edge 1RB Left	22.08	/	/	20.40	/	/	<=30	Pass
		Edge 1RB Right	20.99	/	/	19.31	/	/	<=30	Pass
		Outer Full	21.16	/	/	19.48	/	/	<=30	Pass
		Inner Full	21.54	/	/	19.86	/	/	<=30	Pass
		Inner 1RB Left	22.03	/	/	20.35	/	/	<=30	Pass
		Inner 1RB Right	21.03	/	/	19.35	/	/	<=30	Pass
CP-OFDM QPSK	3730.02	Edge 1RB Left	22.31	/	/	20.63	/	/	<=30	Pass
		Edge 1RB Right	22.06	/	/	20.38	/	/	<=30	Pass
		Outer Full	22.26	/	/	20.58	/	/	<=30	Pass
		Inner Full	22.18	/	/	20.50	/	/	<=30	Pass
		Inner 1RB Left	22.28	/	/	20.60	/	/	<=30	Pass
		Inner 1RB Right	22.17	/	/	20.49	/	/	<=30	Pass
	3750	Edge 1RB Left	22.63	/	/	20.95	/	/	<=30	Pass
		Edge 1RB Right	22.16	/	/	20.48	/	/	<=30	Pass
		Outer Full	22.54	/	/	20.86	/	/	<=30	Pass
		Inner Full	22.44	/	/	20.76	/	/	<=30	Pass
		Inner 1RB Left	22.65	/	/	20.97	/	/	<=30	Pass
		Inner 1RB Right	22.27	/	/	20.59	/	/	<=30	Pass
	3769.98	Edge 1RB Left	22.85	/	/	21.17	/	/	<=30	Pass
		Edge 1RB Right	21.96	/	/	20.28	/	/	<=30	Pass
		Outer Full	22.50	/	/	20.82	/	/	<=30	Pass
		Inner Full	22.41	/	/	20.73	/	/	<=30	Pass
		Inner 1RB Left	22.90	/	/	21.22	/	/	<=30	Pass

CP-OFDM 16 QAM	3730.02	Inner 1RB Right	22.13	/	/	20.45	/	/	<=30	Pass
		Edge 1RB Left	22.29	/	/	20.61	/	/	<=30	Pass
		Edge 1RB Right	22.30	/	/	20.62	/	/	<=30	Pass
		Outer Full	22.25	/	/	20.57	/	/	<=30	Pass
		Inner Full	22.16	/	/	20.48	/	/	<=30	Pass
		Inner 1RB Left	22.26	/	/	20.58	/	/	<=30	Pass
	3750	Inner 1RB Right	22.40	/	/	20.72	/	/	<=30	Pass
		Edge 1RB Left	22.68	/	/	21.00	/	/	<=30	Pass
		Edge 1RB Right	22.18	/	/	20.50	/	/	<=30	Pass
		Outer Full	22.49	/	/	20.81	/	/	<=30	Pass
		Inner Full	22.50	/	/	20.82	/	/	<=30	Pass
		Inner 1RB Left	22.66	/	/	20.98	/	/	<=30	Pass
	3769.98	Inner 1RB Right	22.28	/	/	20.60	/	/	<=30	Pass
		Edge 1RB Left	22.97	/	/	21.29	/	/	<=30	Pass
		Edge 1RB Right	21.97	/	/	20.29	/	/	<=30	Pass
		Outer Full	22.47	/	/	20.79	/	/	<=30	Pass
		Inner Full	22.44	/	/	20.76	/	/	<=30	Pass
		Inner 1RB Left	22.95	/	/	21.27	/	/	<=30	Pass
CP-OFDM 64 QAM	3730.02	Inner 1RB Right	22.09	/	/	20.41	/	/	<=30	Pass
		Edge 1RB Left	22.40	/	/	20.72	/	/	<=30	Pass
		Edge 1RB Right	22.40	/	/	20.72	/	/	<=30	Pass
		Outer Full	21.83	/	/	20.15	/	/	<=30	Pass
		Inner Full	22.17	/	/	20.49	/	/	<=30	Pass
		Inner 1RB Left	22.36	/	/	20.68	/	/	<=30	Pass
	3750	Inner 1RB Right	22.50	/	/	20.82	/	/	<=30	Pass
		Edge 1RB Left	22.78	/	/	21.10	/	/	<=30	Pass
		Edge 1RB Right	22.28	/	/	20.60	/	/	<=30	Pass
		Outer Full	22.11	/	/	20.43	/	/	<=30	Pass
		Inner Full	22.52	/	/	20.84	/	/	<=30	Pass
		Inner 1RB Left	22.76	/	/	21.08	/	/	<=30	Pass
	3769.98	Inner 1RB Right	22.39	/	/	20.71	/	/	<=30	Pass
		Edge 1RB Left	22.94	/	/	21.26	/	/	<=30	Pass
		Edge 1RB Right	22.07	/	/	20.39	/	/	<=30	Pass
		Outer Full	22.07	/	/	20.39	/	/	<=30	Pass
		Inner Full	22.45	/	/	20.77	/	/	<=30	Pass
		Inner 1RB Left	22.93	/	/	21.25	/	/	<=30	Pass
CP-OFDM 256 QAM	3730.02	Inner 1RB Right	22.05	/	/	20.37	/	/	<=30	Pass
		Edge 1RB Left	19.37	/	/	17.69	/	/	<=30	Pass
		Edge 1RB Right	19.26	/	/	17.58	/	/	<=30	Pass
		Outer Full	18.72	/	/	17.04	/	/	<=30	Pass
		Inner Full	19.11	/	/	17.43	/	/	<=30	Pass
		Inner 1RB Left	19.32	/	/	17.64	/	/	<=30	Pass
	3750	Inner 1RB Right	19.36	/	/	17.68	/	/	<=30	Pass
		Edge 1RB Left	19.76	/	/	18.08	/	/	<=30	Pass
		Edge 1RB Right	19.11	/	/	17.43	/	/	<=30	Pass
		Outer Full	18.99	/	/	17.31	/	/	<=30	Pass
		Inner Full	19.43	/	/	17.75	/	/	<=30	Pass
		Inner 1RB Left	19.72	/	/	18.04	/	/	<=30	Pass
	3769.98	Inner 1RB Right	19.22	/	/	17.54	/	/	<=30	Pass
		Edge 1RB Left	20.03	/	/	18.35	/	/	<=30	Pass
		Edge 1RB Right	18.88	/	/	17.20	/	/	<=30	Pass
		Outer Full	18.96	/	/	17.28	/	/	<=30	Pass
		Inner Full	19.36	/	/	17.68	/	/	<=30	Pass
		Inner 1RB Left	19.99	/	/	18.31	/	/	<=30	Pass
		Inner 1RB Right	18.97	/	/	17.29	/	/	<=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	20.55	/	/	18.87	/	/	<=30	Pass
		Edge_1RB_Right	20.22	/	/	18.54	/	/	<=30	Pass
		Outer_Full	22.73	/	/	21.05	/	/	<=30	Pass
		Inner_Full	22.54	/	/	20.86	/	/	<=30	Pass
		Inner_1RB_Left	21.57	/	/	19.89	/	/	<=30	Pass
		Inner_1RB_Right	21.43	/	/	19.75	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.63	/	/	18.95	/	/	<=30	Pass
		Edge_1RB_Right	19.85	/	/	18.17	/	/	<=30	Pass
		Outer_Full	22.86	/	/	21.18	/	/	<=30	Pass
		Inner_Full	22.73	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Left	21.86	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Right	21.21	/	/	19.53	/	/	<=30	Pass
	3765	Edge_1RB_Left	21.00	/	/	19.32	/	/	<=30	Pass
		Edge_1RB_Right	19.98	/	/	18.30	/	/	<=30	Pass
		Outer_Full	22.93	/	/	21.25	/	/	<=30	Pass
		Inner_Full	22.82	/	/	21.14	/	/	<=30	Pass
		Inner_1RB_Left	22.24	/	/	20.56	/	/	<=30	Pass
		Inner_1RB_Right	21.39	/	/	19.71	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3735	Edge_1RB_Left	20.48	/	/	18.80	/	/	<=30	Pass
		Edge_1RB_Right	20.35	/	/	18.67	/	/	<=30	Pass
		Outer_Full	22.60	/	/	20.92	/	/	<=30	Pass
		Inner_Full	22.49	/	/	20.81	/	/	<=30	Pass
		Inner_1RB_Left	20.44	/	/	18.76	/	/	<=30	Pass
		Inner_1RB_Right	20.42	/	/	18.74	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.68	/	/	19.00	/	/	<=30	Pass
		Edge_1RB_Right	19.94	/	/	18.26	/	/	<=30	Pass
		Outer_Full	22.74	/	/	21.06	/	/	<=30	Pass
		Inner_Full	22.75	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Left	20.71	/	/	19.03	/	/	<=30	Pass
		Inner_1RB_Right	20.08	/	/	18.40	/	/	<=30	Pass
	3765	Edge_1RB_Left	21.06	/	/	19.38	/	/	<=30	Pass
		Edge_1RB_Right	20.02	/	/	18.34	/	/	<=30	Pass
		Outer_Full	22.85	/	/	21.17	/	/	<=30	Pass
		Inner_Full	22.79	/	/	21.11	/	/	<=30	Pass
		Inner_1RB_Left	21.07	/	/	19.39	/	/	<=30	Pass
		Inner_1RB_Right	20.14	/	/	18.46	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3735	Edge_1RB_Left	20.43	/	/	18.75	/	/	<=30	Pass
		Edge_1RB_Right	20.29	/	/	18.61	/	/	<=30	Pass
		Outer_Full	22.58	/	/	20.90	/	/	<=30	Pass
		Inner_Full	22.47	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Left	19.44	/	/	17.76	/	/	<=30	Pass
		Inner_1RB_Right	19.43	/	/	17.75	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.67	/	/	18.99	/	/	<=30	Pass
		Edge_1RB_Right	19.91	/	/	18.23	/	/	<=30	Pass
		Outer_Full	22.76	/	/	21.08	/	/	<=30	Pass
		Inner_Full	22.75	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Left	19.69	/	/	18.01	/	/	<=30	Pass
		Inner_1RB_Right	19.06	/	/	17.38	/	/	<=30	Pass
	3765	Edge_1RB_Left	21.00	/	/	19.32	/	/	<=30	Pass
		Edge_1RB_Right	19.96	/	/	18.28	/	/	<=30	Pass
		Outer_Full	22.84	/	/	21.16	/	/	<=30	Pass
		Inner_Full	22.76	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Left	20.03	/	/	18.35	/	/	<=30	Pass
		Inner_1RB_Right	19.11	/	/	17.43	/	/	<=30	Pass

DFT-s-OFDM 256 QAM	3735	Edge 1RB Left	18.25	/	/	16.57	/	/	<=30	Pass
		Edge 1RB Right	18.14	/	/	16.46	/	/	<=30	Pass
		Outer Full	21.07	/	/	19.39	/	/	<=30	Pass
		Inner Full	21.39	/	/	19.71	/	/	<=30	Pass
		Inner 1RB Left	17.26	/	/	15.58	/	/	<=30	Pass
		Inner 1RB Right	17.29	/	/	15.61	/	/	<=30	Pass
	3750	Edge 1RB Left	18.67	/	/	16.99	/	/	<=30	Pass
		Edge 1RB Right	17.94	/	/	16.26	/	/	<=30	Pass
		Outer Full	21.28	/	/	19.60	/	/	<=30	Pass
		Inner Full	21.69	/	/	20.01	/	/	<=30	Pass
		Inner 1RB Left	17.69	/	/	16.01	/	/	<=30	Pass
		Inner 1RB Right	17.09	/	/	15.41	/	/	<=30	Pass
	3765	Edge 1RB Left	18.89	/	/	17.21	/	/	<=30	Pass
		Edge 1RB Right	17.86	/	/	16.18	/	/	<=30	Pass
		Outer Full	21.34	/	/	19.66	/	/	<=30	Pass
		Inner Full	21.71	/	/	20.03	/	/	<=30	Pass
		Inner 1RB Left	17.91	/	/	16.23	/	/	<=30	Pass
		Inner 1RB Right	16.99	/	/	15.31	/	/	<=30	Pass
CP-OFDM QPSK	3735	Edge 1RB Left	20.12	/	/	18.44	/	/	<=30	Pass
		Edge 1RB Right	19.92	/	/	18.24	/	/	<=30	Pass
		Outer Full	22.47	/	/	20.79	/	/	<=30	Pass
		Inner Full	22.30	/	/	20.62	/	/	<=30	Pass
		Inner 1RB Left	19.91	/	/	18.23	/	/	<=30	Pass
		Inner 1RB Right	19.80	/	/	18.12	/	/	<=30	Pass
	3750	Edge 1RB Left	20.31	/	/	18.63	/	/	<=30	Pass
		Edge 1RB Right	19.74	/	/	18.06	/	/	<=30	Pass
		Outer Full	22.68	/	/	21.00	/	/	<=30	Pass
		Inner Full	22.55	/	/	20.87	/	/	<=30	Pass
		Inner 1RB Left	20.23	/	/	18.55	/	/	<=30	Pass
		Inner 1RB Right	19.60	/	/	17.92	/	/	<=30	Pass
	3765	Edge 1RB Left	20.61	/	/	18.93	/	/	<=30	Pass
		Edge 1RB Right	19.70	/	/	18.02	/	/	<=30	Pass
		Outer Full	22.71	/	/	21.03	/	/	<=30	Pass
		Inner Full	22.53	/	/	20.85	/	/	<=30	Pass
		Inner 1RB Left	20.47	/	/	18.79	/	/	<=30	Pass
		Inner 1RB Right	19.66	/	/	17.98	/	/	<=30	Pass
CP-OFDM 16 QAM	3735	Edge 1RB Left	20.19	/	/	18.51	/	/	<=30	Pass
		Edge 1RB Right	20.11	/	/	18.43	/	/	<=30	Pass
		Outer Full	22.43	/	/	20.75	/	/	<=30	Pass
		Inner Full	22.33	/	/	20.65	/	/	<=30	Pass
		Inner 1RB Left	19.24	/	/	17.56	/	/	<=30	Pass
		Inner 1RB Right	19.32	/	/	17.64	/	/	<=30	Pass
	3750	Edge 1RB Left	20.47	/	/	18.79	/	/	<=30	Pass
		Edge 1RB Right	19.79	/	/	18.11	/	/	<=30	Pass
		Outer Full	22.64	/	/	20.96	/	/	<=30	Pass
		Inner Full	22.62	/	/	20.94	/	/	<=30	Pass
		Inner 1RB Left	19.54	/	/	17.86	/	/	<=30	Pass
		Inner 1RB Right	18.99	/	/	17.31	/	/	<=30	Pass
	3765	Edge 1RB Left	20.75	/	/	19.07	/	/	<=30	Pass
		Edge 1RB Right	19.80	/	/	18.12	/	/	<=30	Pass
		Outer Full	22.65	/	/	20.97	/	/	<=30	Pass
		Inner Full	22.57	/	/	20.89	/	/	<=30	Pass
		Inner 1RB Left	19.82	/	/	18.14	/	/	<=30	Pass
		Inner 1RB Right	18.98	/	/	17.30	/	/	<=30	Pass
CP-OFDM 64 QAM	3735	Edge 1RB Left	19.89	/	/	18.21	/	/	<=30	Pass
		Edge 1RB Right	19.79	/	/	18.11	/	/	<=30	Pass
		Outer Full	22.04	/	/	20.36	/	/	<=30	Pass
		Inner Full	22.33	/	/	20.65	/	/	<=30	Pass
		Inner 1RB Left	18.92	/	/	17.24	/	/	<=30	Pass

	3750	Inner 1RB Right	18.96	/	/	17.28	/	/	<=30	Pass
		Edge 1RB Left	20.17	/	/	18.49	/	/	<=30	Pass
		Edge 1RB Right	19.47	/	/	17.79	/	/	<=30	Pass
		Outer_Full	22.26	/	/	20.58	/	/	<=30	Pass
		Inner_Full	22.64	/	/	20.96	/	/	<=30	Pass
		Inner_1RB Left	19.22	/	/	17.54	/	/	<=30	Pass
		Inner_1RB Right	18.65	/	/	16.97	/	/	<=30	Pass
	3765	Edge 1RB Left	20.45	/	/	18.77	/	/	<=30	Pass
		Edge 1RB Right	19.45	/	/	17.77	/	/	<=30	Pass
		Outer_Full	22.27	/	/	20.59	/	/	<=30	Pass
		Inner_Full	22.58	/	/	20.90	/	/	<=30	Pass
		Inner_1RB Left	19.49	/	/	17.81	/	/	<=30	Pass
CP-OFDM 256 QAM	3735	Inner_1RB Right	18.63	/	/	16.95	/	/	<=30	Pass
		Edge 1RB Left	16.35	/	/	14.67	/	/	<=30	Pass
		Edge 1RB Right	16.24	/	/	14.56	/	/	<=30	Pass
		Outer_Full	18.94	/	/	17.26	/	/	<=30	Pass
		Inner_Full	19.29	/	/	17.61	/	/	<=30	Pass
		Inner_1RB Left	15.33	/	/	13.65	/	/	<=30	Pass
	3750	Inner_1RB Right	15.34	/	/	13.66	/	/	<=30	Pass
		Edge 1RB Left	16.86	/	/	15.18	/	/	<=30	Pass
		Edge 1RB Right	16.12	/	/	14.44	/	/	<=30	Pass
		Outer_Full	19.14	/	/	17.46	/	/	<=30	Pass
		Inner_Full	19.56	/	/	17.88	/	/	<=30	Pass
		Inner_1RB Left	15.84	/	/	14.16	/	/	<=30	Pass
	3765	Inner_1RB Right	15.23	/	/	13.55	/	/	<=30	Pass
		Edge 1RB Left	16.96	/	/	15.28	/	/	<=30	Pass
		Edge 1RB Right	15.90	/	/	14.22	/	/	<=30	Pass
		Outer_Full	19.15	/	/	17.47	/	/	<=30	Pass
		Inner_Full	19.51	/	/	17.83	/	/	<=30	Pass
		Inner_1RB Left	15.92	/	/	14.24	/	/	<=30	Pass
Inner_1RB Right	15.00	/	/	13.32	/	/	<=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	22.76	/	/	21.08	/	/	<=30	Pass
		Edge 1RB Right	22.27	/	/	20.59	/	/	<=30	Pass
		Outer Full	22.63	/	/	20.95	/	/	<=30	Pass
		Inner Full	22.50	/	/	20.82	/	/	<=30	Pass
		Inner 1RB Left	22.70	/	/	21.02	/	/	<=30	Pass
	3750	Inner 1RB Right	22.34	/	/	20.66	/	/	<=30	Pass
		Edge 1RB Left	22.76	/	/	21.08	/	/	<=30	Pass
		Edge 1RB Right	22.16	/	/	20.48	/	/	<=30	Pass
		Outer Full	22.68	/	/	21.00	/	/	<=30	Pass
		Inner Full	22.55	/	/	20.87	/	/	<=30	Pass
	3759.99	Inner 1RB Left	22.79	/	/	21.11	/	/	<=30	Pass
		Inner 1RB Right	22.22	/	/	20.54	/	/	<=30	Pass
		Edge 1RB Left	23.17	/	/	21.49	/	/	<=30	Pass
		Edge 1RB Right	22.33	/	/	20.65	/	/	<=30	Pass
		Outer Full	22.82	/	/	21.14	/	/	<=30	Pass
DFT-s-OFDM 16	3740.01	Inner Full	22.80	/	/	21.12	/	/	<=30	Pass
		Inner 1RB Left	23.10	/	/	21.42	/	/	<=30	Pass
		Inner 1RB Right	22.37	/	/	20.69	/	/	<=30	Pass
		Edge 1RB Left	22.64	/	/	20.96	/	/	<=30	Pass

QAM		Edge 1RB Right	22.25	/	/	20.57	/	/	<=30	Pass
		Outer Full	22.51	/	/	20.83	/	/	<=30	Pass
		Inner Full	22.47	/	/	20.79	/	/	<=30	Pass
		Inner 1RB Left	22.58	/	/	20.90	/	/	<=30	Pass
		Inner 1RB Right	22.32	/	/	20.64	/	/	<=30	Pass
	3750	Edge 1RB Left	22.71	/	/	21.03	/	/	<=30	Pass
		Edge 1RB Right	22.06	/	/	20.38	/	/	<=30	Pass
		Outer Full	22.53	/	/	20.85	/	/	<=30	Pass
		Inner Full	22.55	/	/	20.87	/	/	<=30	Pass
		Inner 1RB Left	22.69	/	/	21.01	/	/	<=30	Pass
	3759.99	Inner 1RB Right	22.15	/	/	20.47	/	/	<=30	Pass
		Edge 1RB Left	23.11	/	/	21.43	/	/	<=30	Pass
		Edge 1RB Right	22.23	/	/	20.55	/	/	<=30	Pass
		Outer Full	22.77	/	/	21.09	/	/	<=30	Pass
		Inner Full	22.72	/	/	21.04	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3740.01	Inner 1RB Left	23.05	/	/	21.37	/	/	<=30	Pass
		Inner 1RB Right	22.28	/	/	20.60	/	/	<=30	Pass
		Edge 1RB Left	22.47	/	/	20.79	/	/	<=30	Pass
		Edge 1RB Right	22.12	/	/	20.44	/	/	<=30	Pass
		Outer Full	22.50	/	/	20.82	/	/	<=30	Pass
	3750	Inner Full	22.46	/	/	20.78	/	/	<=30	Pass
		Inner 1RB Left	22.42	/	/	20.74	/	/	<=30	Pass
		Inner 1RB Right	22.17	/	/	20.49	/	/	<=30	Pass
		Edge 1RB Left	22.58	/	/	20.90	/	/	<=30	Pass
		Edge 1RB Right	21.97	/	/	20.29	/	/	<=30	Pass
	3759.99	Outer Full	22.53	/	/	20.85	/	/	<=30	Pass
		Inner Full	22.55	/	/	20.87	/	/	<=30	Pass
		Inner 1RB Left	22.53	/	/	20.85	/	/	<=30	Pass
		Inner 1RB Right	22.02	/	/	20.34	/	/	<=30	Pass
		Edge 1RB Left	22.93	/	/	21.25	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3740.01	Edge 1RB Right	22.08	/	/	20.40	/	/	<=30	Pass
		Outer Full	22.73	/	/	21.05	/	/	<=30	Pass
		Inner Full	22.71	/	/	21.03	/	/	<=30	Pass
		Inner 1RB Left	22.88	/	/	21.20	/	/	<=30	Pass
		Inner 1RB Right	22.13	/	/	20.45	/	/	<=30	Pass
	3750	Edge 1RB Left	21.48	/	/	19.80	/	/	<=30	Pass
		Edge 1RB Right	21.09	/	/	19.41	/	/	<=30	Pass
		Outer Full	20.99	/	/	19.31	/	/	<=30	Pass
		Inner Full	21.39	/	/	19.71	/	/	<=30	Pass
		Inner 1RB Left	21.43	/	/	19.75	/	/	<=30	Pass
	3759.99	Inner 1RB Right	21.15	/	/	19.47	/	/	<=30	Pass
		Edge 1RB Left	21.62	/	/	19.94	/	/	<=30	Pass
		Edge 1RB Right	20.97	/	/	19.29	/	/	<=30	Pass
		Outer Full	21.04	/	/	19.36	/	/	<=30	Pass
		Inner Full	21.50	/	/	19.82	/	/	<=30	Pass
CP-OFDM QPSK	3740.01	Inner 1RB Left	21.57	/	/	19.89	/	/	<=30	Pass
		Inner 1RB Right	21.03	/	/	19.35	/	/	<=30	Pass
		Edge 1RB Left	22.02	/	/	20.34	/	/	<=30	Pass
		Edge 1RB Right	21.12	/	/	19.44	/	/	<=30	Pass
		Outer Full	21.21	/	/	19.53	/	/	<=30	Pass
	3750	Inner Full	21.64	/	/	19.96	/	/	<=30	Pass
		Inner 1RB Left	21.97	/	/	20.29	/	/	<=30	Pass
		Inner 1RB Right	21.18	/	/	19.50	/	/	<=30	Pass
		Edge 1RB Left	22.44	/	/	20.76	/	/	<=30	Pass
		Edge 1RB Right	21.96	/	/	20.28	/	/	<=30	Pass
	3759.99	Outer Full	22.38	/	/	20.70	/	/	<=30	Pass
		Inner Full	22.19	/	/	20.51	/	/	<=30	Pass
		Inner 1RB Left	22.37	/	/	20.69	/	/	<=30	Pass
		Inner 1RB Right	22.10	/	/	20.42	/	/	<=30	Pass

	3750	Edge_1RB_Left	22.51	/	/	20.83	/	/	<=30	Pass
		Edge_1RB_Right	21.96	/	/	20.28	/	/	<=30	Pass
		Outer_Full	22.45	/	/	20.77	/	/	<=30	Pass
		Inner_Full	22.35	/	/	20.67	/	/	<=30	Pass
		Inner_1RB_Left	22.59	/	/	20.91	/	/	<=30	Pass
		Inner_1RB_Right	22.09	/	/	20.41	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.84	/	/	21.16	/	/	<=30	Pass
		Edge_1RB_Right	22.03	/	/	20.35	/	/	<=30	Pass
		Outer_Full	22.59	/	/	20.91	/	/	<=30	Pass
		Inner_Full	22.44	/	/	20.76	/	/	<=30	Pass
		Inner_1RB_Left	22.82	/	/	21.14	/	/	<=30	Pass
		Inner_1RB_Right	22.15	/	/	20.47	/	/	<=30	Pass
CP-OFDM 16 QAM	3740.01	Edge_1RB_Left	22.30	/	/	20.62	/	/	<=30	Pass
		Edge_1RB_Right	21.96	/	/	20.28	/	/	<=30	Pass
		Outer_Full	22.31	/	/	20.63	/	/	<=30	Pass
		Inner_Full	22.22	/	/	20.54	/	/	<=30	Pass
		Inner_1RB_Left	22.28	/	/	20.60	/	/	<=30	Pass
		Inner_1RB_Right	22.10	/	/	20.42	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.54	/	/	20.86	/	/	<=30	Pass
		Edge_1RB_Right	21.93	/	/	20.25	/	/	<=30	Pass
		Outer_Full	22.45	/	/	20.77	/	/	<=30	Pass
		Inner_Full	22.43	/	/	20.75	/	/	<=30	Pass
		Inner_1RB_Left	22.52	/	/	20.84	/	/	<=30	Pass
		Inner_1RB_Right	22.07	/	/	20.39	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.77	/	/	21.09	/	/	<=30	Pass
		Edge_1RB_Right	21.96	/	/	20.28	/	/	<=30	Pass
		Outer_Full	22.55	/	/	20.87	/	/	<=30	Pass
		Inner_Full	22.50	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Left	22.76	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Right	22.09	/	/	20.41	/	/	<=30	Pass
CP-OFDM 64 QAM	3740.01	Edge_1RB_Left	22.28	/	/	20.60	/	/	<=30	Pass
		Edge_1RB_Right	21.95	/	/	20.27	/	/	<=30	Pass
		Outer_Full	21.89	/	/	20.21	/	/	<=30	Pass
		Inner_Full	22.33	/	/	20.65	/	/	<=30	Pass
		Inner_1RB_Left	22.26	/	/	20.58	/	/	<=30	Pass
		Inner_1RB_Right	10.40	/	/	8.72	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.53	/	/	20.85	/	/	<=30	Pass
		Edge_1RB_Right	21.93	/	/	20.25	/	/	<=30	Pass
		Outer_Full	22.07	/	/	20.39	/	/	<=30	Pass
		Inner_Full	22.58	/	/	20.90	/	/	<=30	Pass
		Inner_1RB_Left	10.39	/	/	8.71	/	/	<=30	Pass
		Inner_1RB_Right	22.16	/	/	20.48	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	7.56	/	/	5.88	/	/	<=30	Pass
		Edge_1RB_Right	22.01	/	/	20.33	/	/	<=30	Pass
		Outer_Full	22.13	/	/	20.45	/	/	<=30	Pass
		Inner_Full	22.53	/	/	20.85	/	/	<=30	Pass
		Inner_1RB_Left	22.78	/	/	21.10	/	/	<=30	Pass
		Inner_1RB_Right	22.11	/	/	20.43	/	/	<=30	Pass
CP-OFDM 256 QAM	3740.01	Edge_1RB_Left	19.44	/	/	17.76	/	/	<=30	Pass
		Edge_1RB_Right	18.97	/	/	17.29	/	/	<=30	Pass
		Outer_Full	18.85	/	/	17.17	/	/	<=30	Pass
		Inner_Full	19.20	/	/	17.52	/	/	<=30	Pass
		Inner_1RB_Left	19.39	/	/	17.71	/	/	<=30	Pass
		Inner_1RB_Right	19.08	/	/	17.40	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.67	/	/	17.99	/	/	<=30	Pass
		Edge_1RB_Right	18.92	/	/	17.24	/	/	<=30	Pass
		Outer_Full	19.03	/	/	17.35	/	/	<=30	Pass
		Inner_Full	19.39	/	/	17.71	/	/	<=30	Pass
		Inner_1RB_Left	19.63	/	/	17.95	/	/	<=30	Pass

		Inner 1RB Right	19.04	/	/	17.36	/	/	<=30	Pass
	3759.99	Edge 1RB Left	19.90	/	/	18.22	/	/	<=30	Pass
		Edge 1RB Right	18.92	/	/	17.24	/	/	<=30	Pass
		Outer_Full	19.03	/	/	17.35	/	/	<=30	Pass
		Inner_Full	19.44	/	/	17.76	/	/	<=30	Pass
		Inner_1RB_Left	19.86	/	/	18.18	/	/	<=30	Pass
		Inner_1RB_Right	19.04	/	/	17.36	/	/	<=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	22.48	/	/	20.80	/	/	<=30	Pass
		Edge 1RB Right	22.11	/	/	20.43	/	/	<=30	Pass
		Outer Full	22.69	/	/	21.01	/	/	<=30	Pass
		Inner Full	22.53	/	/	20.85	/	/	<=30	Pass
		Inner 1RB Left	22.44	/	/	20.76	/	/	<=30	Pass
		Inner 1RB Right	22.20	/	/	20.52	/	/	<=30	Pass
	3750	Edge 1RB Left	22.49	/	/	20.81	/	/	<=30	Pass
		Edge 1RB Right	21.92	/	/	20.24	/	/	<=30	Pass
		Outer Full	22.66	/	/	20.98	/	/	<=30	Pass
		Inner Full	22.57	/	/	20.89	/	/	<=30	Pass
		Inner 1RB Left	22.55	/	/	20.87	/	/	<=30	Pass
		Inner 1RB Right	22.00	/	/	20.32	/	/	<=30	Pass
	3754.98	Edge 1RB Left	22.81	/	/	21.13	/	/	<=30	Pass
		Edge 1RB Right	21.89	/	/	20.21	/	/	<=30	Pass
		Outer Full	22.78	/	/	21.10	/	/	<=30	Pass
		Inner Full	22.70	/	/	21.02	/	/	<=30	Pass
		Inner 1RB Left	22.78	/	/	21.10	/	/	<=30	Pass
		Inner 1RB Right	21.98	/	/	20.30	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3745.02	Edge 1RB Left	22.36	/	/	20.68	/	/	<=30	Pass
		Edge 1RB Right	22.05	/	/	20.37	/	/	<=30	Pass
		Outer Full	22.60	/	/	20.92	/	/	<=30	Pass
		Inner Full	22.52	/	/	20.84	/	/	<=30	Pass
		Inner 1RB Left	22.34	/	/	20.66	/	/	<=30	Pass
		Inner 1RB Right	22.13	/	/	20.45	/	/	<=30	Pass
	3750	Edge 1RB Left	22.51	/	/	20.83	/	/	<=30	Pass
		Edge 1RB Right	21.87	/	/	20.19	/	/	<=30	Pass
		Outer Full	22.60	/	/	20.92	/	/	<=30	Pass
		Inner Full	22.61	/	/	20.93	/	/	<=30	Pass
		Inner 1RB Left	22.47	/	/	20.79	/	/	<=30	Pass
		Inner 1RB Right	21.95	/	/	20.27	/	/	<=30	Pass
	3754.98	Edge 1RB Left	22.71	/	/	21.03	/	/	<=30	Pass
		Edge 1RB Right	21.81	/	/	20.13	/	/	<=30	Pass
		Outer Full	22.71	/	/	21.03	/	/	<=30	Pass
		Inner Full	22.71	/	/	21.03	/	/	<=30	Pass
		Inner 1RB Left	22.70	/	/	21.02	/	/	<=30	Pass
		Inner 1RB Right	21.90	/	/	20.22	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3745.02	Edge 1RB Left	22.36	/	/	20.68	/	/	<=30	Pass
		Edge 1RB Right	21.91	/	/	20.23	/	/	<=30	Pass
		Outer Full	22.58	/	/	20.90	/	/	<=30	Pass
		Inner Full	22.48	/	/	20.80	/	/	<=30	Pass
		Inner 1RB Left	22.33	/	/	20.65	/	/	<=30	Pass
		Inner 1RB Right	21.99	/	/	20.31	/	/	<=30	Pass
	3750	Edge 1RB Left	22.35	/	/	20.67	/	/	<=30	Pass

		Edge_1RB_Right	21.73	/	/	20.05	/	/	<=30	Pass
		Outer_Full	22.61	/	/	20.93	/	/	<=30	Pass
		Inner_Full	22.46	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Left	22.34	/	/	20.66	/	/	<=30	Pass
		Inner_1RB_Right	21.98	/	/	20.30	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	22.58	/	/	20.90	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	20.02	/	/	<=30	Pass
		Outer_Full	22.72	/	/	21.04	/	/	<=30	Pass
		Inner_Full	22.70	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Left	22.56	/	/	20.88	/	/	<=30	Pass
	Inner_1RB_Right	21.78	/	/	20.10	/	/	<=30	Pass	
DFT-s-OFDM 256 QAM	3745.02	Edge_1RB_Left	21.21	/	/	19.53	/	/	<=30	Pass
		Edge_1RB_Right	20.88	/	/	19.20	/	/	<=30	Pass
		Outer_Full	21.03	/	/	19.35	/	/	<=30	Pass
		Inner_Full	21.43	/	/	19.75	/	/	<=30	Pass
		Inner_1RB_Left	21.18	/	/	19.50	/	/	<=30	Pass
		Inner_1RB_Right	20.96	/	/	19.28	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.31	/	/	19.63	/	/	<=30	Pass
		Edge_1RB_Right	20.63	/	/	18.95	/	/	<=30	Pass
		Outer_Full	21.08	/	/	19.40	/	/	<=30	Pass
		Inner_Full	21.37	/	/	19.69	/	/	<=30	Pass
		Inner_1RB_Left	21.29	/	/	19.61	/	/	<=30	Pass
		Inner_1RB_Right	20.72	/	/	19.04	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	21.61	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	20.69	/	/	19.01	/	/	<=30	Pass
		Outer_Full	21.23	/	/	19.55	/	/	<=30	Pass
		Inner_Full	21.66	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Left	21.58	/	/	19.90	/	/	<=30	Pass
		Inner_1RB_Right	20.77	/	/	19.09	/	/	<=30	Pass
CP-OFDM QPSK	3745.02	Edge_1RB_Left	22.17	/	/	20.49	/	/	<=30	Pass
		Edge_1RB_Right	21.84	/	/	20.16	/	/	<=30	Pass
		Outer_Full	22.40	/	/	20.72	/	/	<=30	Pass
		Inner_Full	22.25	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Left	22.17	/	/	20.49	/	/	<=30	Pass
		Inner_1RB_Right	22.00	/	/	20.32	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.25	/	/	20.57	/	/	<=30	Pass
		Edge_1RB_Right	21.76	/	/	20.08	/	/	<=30	Pass
		Outer_Full	22.33	/	/	20.65	/	/	<=30	Pass
		Inner_Full	22.25	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Left	22.35	/	/	20.67	/	/	<=30	Pass
		Inner_1RB_Right	21.85	/	/	20.17	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	22.61	/	/	20.93	/	/	<=30	Pass
		Edge_1RB_Right	21.77	/	/	20.09	/	/	<=30	Pass
		Outer_Full	22.58	/	/	20.90	/	/	<=30	Pass
		Inner_Full	22.48	/	/	20.80	/	/	<=30	Pass
		Inner_1RB_Left	22.60	/	/	20.92	/	/	<=30	Pass
		Inner_1RB_Right	21.86	/	/	20.18	/	/	<=30	Pass
CP-OFDM 16 QAM	3745.02	Edge_1RB_Left	22.13	/	/	20.45	/	/	<=30	Pass
		Edge_1RB_Right	21.87	/	/	20.19	/	/	<=30	Pass
		Outer_Full	22.36	/	/	20.68	/	/	<=30	Pass
		Inner_Full	22.28	/	/	20.60	/	/	<=30	Pass
		Inner_1RB_Left	22.12	/	/	20.44	/	/	<=30	Pass
		Inner_1RB_Right	21.99	/	/	20.31	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.27	/	/	20.59	/	/	<=30	Pass
		Edge_1RB_Right	21.75	/	/	20.07	/	/	<=30	Pass
		Outer_Full	22.37	/	/	20.69	/	/	<=30	Pass
		Inner_Full	22.30	/	/	20.62	/	/	<=30	Pass
	Inner_1RB_Left	22.27	/	/	20.59	/	/	<=30	Pass	
	Inner_1RB_Right	21.81	/	/	20.13	/	/	<=30	Pass	

	3754.98	Edge_1RB_Left	22.51	/	/	20.83	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	20.02	/	/	<=30	Pass
		Outer_Full	22.56	/	/	20.88	/	/	<=30	Pass
		Inner_Full	22.57	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Left	22.51	/	/	20.83	/	/	<=30	Pass
		Inner_1RB_Right	21.80	/	/	20.12	/	/	<=30	Pass
CP-OFDM 64 QAM	3745.02	Edge_1RB_Left	22.26	/	/	20.58	/	/	<=30	Pass
		Edge_1RB_Right	21.85	/	/	20.17	/	/	<=30	Pass
		Outer_Full	21.94	/	/	20.26	/	/	<=30	Pass
		Inner_Full	22.30	/	/	20.62	/	/	<=30	Pass
		Inner_1RB_Left	22.24	/	/	20.56	/	/	<=30	Pass
		Inner_1RB_Right	21.95	/	/	20.27	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.26	/	/	20.58	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	20.02	/	/	<=30	Pass
		Outer_Full	21.96	/	/	20.28	/	/	<=30	Pass
		Inner_Full	22.32	/	/	20.64	/	/	<=30	Pass
		Inner_1RB_Left	22.42	/	/	20.74	/	/	<=30	Pass
		Inner_1RB_Right	21.96	/	/	20.28	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	22.51	/	/	20.83	/	/	<=30	Pass
		Edge_1RB_Right	21.72	/	/	20.04	/	/	<=30	Pass
		Outer_Full	22.18	/	/	20.50	/	/	<=30	Pass
		Inner_Full	22.54	/	/	20.86	/	/	<=30	Pass
		Inner_1RB_Left	22.52	/	/	20.84	/	/	<=30	Pass
		Inner_1RB_Right	21.79	/	/	20.11	/	/	<=30	Pass
CP-OFDM 256 QAM	3745.02	Edge_1RB_Left	19.19	/	/	17.51	/	/	<=30	Pass
		Edge_1RB_Right	18.82	/	/	17.14	/	/	<=30	Pass
		Outer_Full	18.84	/	/	17.16	/	/	<=30	Pass
		Inner_Full	19.27	/	/	17.59	/	/	<=30	Pass
		Inner_1RB_Left	19.17	/	/	17.49	/	/	<=30	Pass
		Inner_1RB_Right	18.93	/	/	17.25	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.33	/	/	17.65	/	/	<=30	Pass
		Edge_1RB_Right	18.63	/	/	16.95	/	/	<=30	Pass
		Outer_Full	18.81	/	/	17.13	/	/	<=30	Pass
		Inner_Full	19.25	/	/	17.57	/	/	<=30	Pass
		Inner_1RB_Left	19.32	/	/	17.64	/	/	<=30	Pass
		Inner_1RB_Right	18.73	/	/	17.05	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	19.61	/	/	17.93	/	/	<=30	Pass
		Edge_1RB_Right	18.64	/	/	16.96	/	/	<=30	Pass
		Outer_Full	19.02	/	/	17.34	/	/	<=30	Pass
		Inner_Full	19.48	/	/	17.80	/	/	<=30	Pass
		Inner_1RB_Left	19.58	/	/	17.90	/	/	<=30	Pass
		Inner_1RB_Right	18.74	/	/	17.06	/	/	<=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 NTN										
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	20.57	/	/	18.89	/	/	<=30	Pass
		Edge_1RB_Right	20.02	/	/	18.34	/	/	<=30	Pass
		Outer_Full	21.05	/	/	19.37	/	/	<=30	Pass
		Inner_Full	21.24	/	/	19.56	/	/	<=30	Pass
		Inner_1RB_Left	20.39	/	/	18.71	/	/	<=30	Pass
		Inner_1RB_Right	20.14	/	/	18.46	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Edge_1RB_Left	20.30	/	/	18.62	/	/	<=30	Pass
		Edge_1RB_Right	19.93	/	/	18.25	/	/	<=30	Pass

		Outer Full	21.17	/	/	19.49	/	/	<=30	Pass
		Inner Full	21.23	/	/	19.55	/	/	<=30	Pass
		Inner_1RB_Left	20.33	/	/	18.65	/	/	<=30	Pass
		Inner_1RB_Right	20.06	/	/	18.38	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Edge_1RB_Left	20.32	/	/	18.64	/	/	<=30	Pass
		Edge_1RB_Right	19.99	/	/	18.31	/	/	<=30	Pass
		Outer Full	21.17	/	/	19.49	/	/	<=30	Pass
		Inner Full	21.22	/	/	19.54	/	/	<=30	Pass
		Inner_1RB_Left	20.34	/	/	18.66	/	/	<=30	Pass
		Inner_1RB_Right	20.10	/	/	18.42	/	/	<=30	Pass
		Edge_1RB_Left	19.21	/	/	17.53	/	/	<=30	Pass
		Edge_1RB_Right	18.82	/	/	17.14	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Outer Full	19.70	/	/	18.02	/	/	<=30	Pass
		Inner Full	20.20	/	/	18.52	/	/	<=30	Pass
		Inner_1RB_Left	19.23	/	/	17.55	/	/	<=30	Pass
		Inner_1RB_Right	18.94	/	/	17.26	/	/	<=30	Pass
		Edge_1RB_Left	20.14	/	/	18.46	/	/	<=30	Pass
		Edge_1RB_Right	19.87	/	/	18.19	/	/	<=30	Pass
		Outer Full	21.01	/	/	19.33	/	/	<=30	Pass
		Inner Full	20.95	/	/	19.27	/	/	<=30	Pass
CP-OFDM QPSK	3750	Inner_1RB_Left	20.17	/	/	18.49	/	/	<=30	Pass
		Inner_1RB_Right	19.97	/	/	18.29	/	/	<=30	Pass
		Edge_1RB_Left	20.10	/	/	18.42	/	/	<=30	Pass
		Edge_1RB_Right	19.83	/	/	18.15	/	/	<=30	Pass
		Outer Full	20.96	/	/	19.28	/	/	<=30	Pass
		Inner Full	21.01	/	/	19.33	/	/	<=30	Pass
		Inner_1RB_Left	20.14	/	/	18.46	/	/	<=30	Pass
		Inner_1RB_Right	19.96	/	/	18.28	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Edge_1RB_Left	20.22	/	/	18.54	/	/	<=30	Pass
		Edge_1RB_Right	19.94	/	/	18.26	/	/	<=30	Pass
		Outer Full	20.58	/	/	18.90	/	/	<=30	Pass
		Inner Full	21.01	/	/	19.33	/	/	<=30	Pass
		Inner_1RB_Left	20.24	/	/	18.56	/	/	<=30	Pass
		Inner_1RB_Right	20.06	/	/	18.38	/	/	<=30	Pass
		Edge_1RB_Left	17.12	/	/	15.44	/	/	<=30	Pass
		Edge_1RB_Right	16.73	/	/	15.05	/	/	<=30	Pass
CP-OFDM 64 QAM	3750	Outer Full	17.48	/	/	15.80	/	/	<=30	Pass
		Inner Full	18.00	/	/	16.32	/	/	<=30	Pass
		Inner_1RB_Left	17.15	/	/	15.47	/	/	<=30	Pass
		Inner_1RB_Right	16.89	/	/	15.21	/	/	<=30	Pass
CP-OFDM 256 QAM	3750									
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	9.00	0.0024	>=-2.5 & <=2.5	Pass
				HV	7.60	0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	9.00	0.0024	>=-2.5 & <=2.5	Pass
				NV	7.60	0.0020	>=-2.5 & <=2.5	Pass

			-10	NV	7.50	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	8.60	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	8.50	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	9.00	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	5.50	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	7.80	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	5.50	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	6.90	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	8.00	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	9.40	0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	9.20	0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	7.80	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	11.00	0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	6.10	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	5.10	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	3.80	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	10.30	0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	50	NV	10.40	0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	9.20	0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	6.30	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	8.50	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	8.80	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	5.50	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	8.10	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	6.70	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	7.80	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	11.50	0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	40	NV	7.50	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	9.40	0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	6.60	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	10.60	0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	6.40	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	9.30	0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	6.60	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	8.00	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	7.80	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	3.40	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	3750	Outer_Full	30	NV	9.20	0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	6.80	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	8.10	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	4.10	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	5.10	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	8.40	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	6.10	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	11.10	0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	9.00	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	8.80	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	NV	6.30	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	7.60	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	10.00	0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	8.10	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	3.70	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	11.70	0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	4.50	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	8.80	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	6.20	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	5.40	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	5.70	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	9.10	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			30	NV	2.60	0.0007	>=-2.5 & <=2.5	Pass
			40	NV	8.60	0.0023	>=-2.5 & <=2.5	Pass
			50	NV	5.70	0.0015	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	6.50	0.0017	>=-2.5 & <=2.5	Pass
				HV	6.10	0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	6.30	0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	6.30	0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	7.10	0.0019	>=-2.5 & <=2.5	Pass
			0	NV	8.30	0.0022	>=-2.5 & <=2.5	Pass
			10	NV	4.80	0.0013	>=-2.5 & <=2.5	Pass
			20	NV	4.40	0.0012	>=-2.5 & <=2.5	Pass
			30	NV	3.00	0.0008	>=-2.5 & <=2.5	Pass
			40	NV	3.80	0.0010	>=-2.5 & <=2.5	Pass
			50	NV	6.30	0.0017	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	8.10	0.0022	>=-2.5 & <=2.5	Pass
				HV	9.40	0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	4.40	0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	8.90	0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	7.10	0.0019	>=-2.5 & <=2.5	Pass
			0	NV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			10	NV	8.50	0.0023	>=-2.5 & <=2.5	Pass
			20	NV	5.70	0.0015	>=-2.5 & <=2.5	Pass
			30	NV	5.90	0.0016	>=-2.5 & <=2.5	Pass
			40	NV	4.80	0.0013	>=-2.5 & <=2.5	Pass
			50	NV	8.90	0.0024	>=-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	2.60	0.0007	>=-2.5 & <=2.5	Pass
				HV	11.40	0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	7.70	0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	10.30	0.0027	>=-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	9.20	0.0025	>=-2.5 & <=2.5	Pass
			20	NV	9.40	0.0025	>=-2.5 & <=2.5	Pass
			30	NV	6.80	0.0018	>=-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	5.70	0.0015	>=-2.5 & <=2.5	Pass
				HV	6.90	0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	2.60	0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	7.00	0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	9.10	0.0024	>=-2.5 & <=2.5	Pass
			0	NV	4.10	0.0011	>=-2.5 & <=2.5	Pass
			10	NV	8.40	0.0022	>=-2.5 & <=2.5	Pass
			20	NV	2.90	0.0008	>=-2.5 & <=2.5	Pass
			30	NV	4.00	0.0011	>=-2.5 & <=2.5	Pass
			40	NV	8.60	0.0023	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	NV	7.50	0.0020	>=-2.5 & <=2.5	Pass
				NV	8.70	0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	8.00	0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	8.70	0.0023	>=-2.5 & <=2.5	Pass

			-10	NV	10.50	0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	6.70	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	6.80	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	5.80	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	5.00	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	7.80	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	9.20	0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	3.90	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	5.80	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	5.80	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	6.10	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	6.90	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	6.00	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	3.70	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	10.20	0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	6.30	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	12.50	0.0033	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	3750	Outer_Full	50	NV	6.40	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	4.10	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	6.40	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	7.60	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	9.10	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	7.00	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	4.70	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	7.50	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	7.90	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	9.10	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3750	Outer_Full	40	NV	8.90	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	8.50	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	2.70	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	9.10	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	8.10	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	9.40	0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	3.30	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	8.60	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	7.40	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	8.40	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	3750	Outer_Full	30	NV	6.20	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	9.70	0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	5.70	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	5.10	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	6.40	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	6.10	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	5.10	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	2.80	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	5.30	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	6.20	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	NV	5.90	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	5.20	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	4.50	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	5.30	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	5.40	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	4.70	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	5.70	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	5.20	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	6.90	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	4.40	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	4.40	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	6.20	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			30	NV	4.00	0.0011	>=-2.5 & <=2.5	Pass
			40	NV	3.60	0.0010	>=-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	7.90	0.0021	>=-2.5 & <=2.5	Pass
				HV	9.90	0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	8.50	0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	11.20	0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	8.70	0.0023	>=-2.5 & <=2.5	Pass
			0	NV	10.80	0.0029	>=-2.5 & <=2.5	Pass
			10	NV	8.80	0.0023	>=-2.5 & <=2.5	Pass
			20	NV	7.10	0.0019	>=-2.5 & <=2.5	Pass
			30	NV	10.60	0.0028	>=-2.5 & <=2.5	Pass
			40	NV	4.00	0.0011	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	7.10	0.0019	>=-2.5 & <=2.5	Pass
				HV	9.60	0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	8.90	0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	7.20	0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	8.30	0.0022	>=-2.5 & <=2.5	Pass
			0	NV	8.60	0.0023	>=-2.5 & <=2.5	Pass
			10	NV	11.40	0.0030	>=-2.5 & <=2.5	Pass
			20	NV	7.90	0.0021	>=-2.5 & <=2.5	Pass
			30	NV	7.80	0.0021	>=-2.5 & <=2.5	Pass
			40	NV	6.10	0.0016	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	11.40	0.0030	>=-2.5 & <=2.5	Pass
				HV	9.40	0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	8.30	0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	7.20	0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	9.60	0.0026	>=-2.5 & <=2.5	Pass
			0	NV	8.70	0.0023	>=-2.5 & <=2.5	Pass
			10	NV	9.00	0.0024	>=-2.5 & <=2.5	Pass
			20	NV	10.10	0.0027	>=-2.5 & <=2.5	Pass
			30	NV	10.10	0.0027	>=-2.5 & <=2.5	Pass
			40	NV	9.50	0.0025	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	7.50	0.0020	>=-2.5 & <=2.5	Pass
				HV	7.50	0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	6.20	0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	5.50	0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	6.20	0.0017	>=-2.5 & <=2.5	Pass
			0	NV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			10	NV	8.40	0.0022	>=-2.5 & <=2.5	Pass
			20	NV	7.70	0.0021	>=-2.5 & <=2.5	Pass
			30	NV	9.00	0.0024	>=-2.5 & <=2.5	Pass
			40	NV	9.60	0.0026	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	NV	7.70	0.0021	>=-2.5 & <=2.5	Pass
				NV	1.70	0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	6.00	0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	5.90	0.0016	>=-2.5 & <=2.5	Pass

			-10	NV	6.80	0.0018	>=-2.5 & <=2.5	Pass
			0	NV	7.20	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	5.90	0.0016	>=-2.5 & <=2.5	Pass
			20	NV	11.80	0.0031	>=-2.5 & <=2.5	Pass
			30	NV	7.20	0.0019	>=-2.5 & <=2.5	Pass
			40	NV	5.50	0.0015	>=-2.5 & <=2.5	Pass
			50	NV	7.50	0.0020	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	4.20	0.0011	>=-2.5 & <=2.5	Pass
				HV	5.10	0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	5.50	0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	4.00	0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	5.60	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	4.90	0.0013	>=-2.5 & <=2.5	Pass
			10	NV	7.40	0.0020	>=-2.5 & <=2.5	Pass
			20	NV	6.00	0.0016	>=-2.5 & <=2.5	Pass
			30	NV	6.90	0.0018	>=-2.5 & <=2.5	Pass
			40	NV	5.70	0.0015	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	50	NV	3.20	0.0009	>=-2.5 & <=2.5	Pass
			20	LV	2.30	0.0006	>=-2.5 & <=2.5	Pass
				HV	2.50	0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	7.20	0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	8.20	0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	6.20	0.0017	>=-2.5 & <=2.5	Pass
			0	NV	9.00	0.0024	>=-2.5 & <=2.5	Pass
			10	NV	6.50	0.0017	>=-2.5 & <=2.5	Pass
			20	NV	5.60	0.0015	>=-2.5 & <=2.5	Pass
			30	NV	5.40	0.0014	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	40	NV	5.10	0.0014	>=-2.5 & <=2.5	Pass
			50	NV	6.40	0.0017	>=-2.5 & <=2.5	Pass
			20	LV	3.70	0.0010	>=-2.5 & <=2.5	Pass
				HV	7.50	0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	6.20	0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	6.30	0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			0	NV	6.20	0.0017	>=-2.5 & <=2.5	Pass
			10	NV	5.40	0.0014	>=-2.5 & <=2.5	Pass
			20	NV	7.90	0.0021	>=-2.5 & <=2.5	Pass
			30	NV	3.90	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	6.00	0.0016	>=-2.5 & <=2.5	Pass
			50	NV	5.40	0.0014	>=-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	10.20	0.0027	>=-2.5 & <=2.5	Pass
				HV	12.70	0.0034	>=-2.5 & <=2.5	Pass
			-30	NV	9.70	0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	8.10	0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	9.70	0.0026	>=-2.5 & <=2.5	Pass
			0	NV	9.80	0.0026	>=-2.5 & <=2.5	Pass
			10	NV	14.70	0.0039	>=-2.5 & <=2.5	Pass
			20	NV	11.00	0.0029	>=-2.5 & <=2.5	Pass
			30	NV	10.80	0.0029	>=-2.5 & <=2.5	Pass
			40	NV	9.60	0.0026	>=-2.5 & <=2.5	Pass
			50	NV	13.00	0.0035	>=-2.5 & <=2.5	Pass

DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	11.90	0.0032	≥ -2.5 & ≤ 2.5	Pass
				HV	12.80	0.0034	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	14.70	0.0039	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	11.90	0.0032	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	8.90	0.0024	≥ -2.5 & ≤ 2.5	Pass
			0	NV	13.60	0.0036	≥ -2.5 & ≤ 2.5	Pass
			10	NV	9.00	0.0024	≥ -2.5 & ≤ 2.5	Pass
			20	NV	11.60	0.0031	≥ -2.5 & ≤ 2.5	Pass
			30	NV	8.70	0.0023	≥ -2.5 & ≤ 2.5	Pass
			40	NV	10.30	0.0027	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	10.60	0.0028	≥ -2.5 & ≤ 2.5	Pass
				HV	9.40	0.0025	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	10.30	0.0027	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	10.10	0.0027	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	9.50	0.0025	≥ -2.5 & ≤ 2.5	Pass
			0	NV	10.30	0.0027	≥ -2.5 & ≤ 2.5	Pass
			10	NV	5.70	0.0015	≥ -2.5 & ≤ 2.5	Pass
			20	NV	9.90	0.0026	≥ -2.5 & ≤ 2.5	Pass
			30	NV	9.10	0.0024	≥ -2.5 & ≤ 2.5	Pass
			40	NV	9.70	0.0026	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	6.30	0.0017	≥ -2.5 & ≤ 2.5	Pass
				HV	10.20	0.0027	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	11.00	0.0029	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	7.90	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	9.10	0.0024	≥ -2.5 & ≤ 2.5	Pass
			0	NV	8.50	0.0023	≥ -2.5 & ≤ 2.5	Pass
			10	NV	5.60	0.0015	≥ -2.5 & ≤ 2.5	Pass
			20	NV	7.90	0.0021	≥ -2.5 & ≤ 2.5	Pass
			30	NV	7.10	0.0019	≥ -2.5 & ≤ 2.5	Pass
			40	NV	3.30	0.0009	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	3.70	0.0010	≥ -2.5 & ≤ 2.5	Pass
				HV	11.40	0.0030	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	10.10	0.0027	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	7.70	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	8.70	0.0023	≥ -2.5 & ≤ 2.5	Pass
			0	NV	9.70	0.0026	≥ -2.5 & ≤ 2.5	Pass
			10	NV	7.40	0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	NV	11.40	0.0030	≥ -2.5 & ≤ 2.5	Pass
			30	NV	11.90	0.0032	≥ -2.5 & ≤ 2.5	Pass
			40	NV	8.10	0.0022	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	7.90	0.0021	≥ -2.5 & ≤ 2.5	Pass
				HV	5.80	0.0015	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	9.90	0.0026	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	11.50	0.0031	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	9.80	0.0026	≥ -2.5 & ≤ 2.5	Pass
			0	NV	12.70	0.0034	≥ -2.5 & ≤ 2.5	Pass
			10	NV	8.00	0.0021	≥ -2.5 & ≤ 2.5	Pass
			20	NV	7.10	0.0019	≥ -2.5 & ≤ 2.5	Pass
			30	NV	5.10	0.0014	≥ -2.5 & ≤ 2.5	Pass
			40	NV	9.50	0.0025	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	5.20	0.0014	≥ -2.5 & ≤ 2.5	Pass
				HV	12.90	0.0034	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	8.60	0.0023	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	3.10	0.0008	≥ -2.5 & ≤ 2.5	Pass

			-10	NV	5.70	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	6.10	0.0016	>=-2.5 & <=2.5	Pass
			10	NV	7.20	0.0019	>=-2.5 & <=2.5	Pass
			20	NV	5.60	0.0015	>=-2.5 & <=2.5	Pass
			30	NV	7.70	0.0021	>=-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
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	6.50	0.0017	>=-2.5 & <=2.5	Pass
				HV	5.10	0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	5.60	0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	8.00	0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	2.40	0.0006	>=-2.5 & <=2.5	Pass
			0	NV	7.00	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	5.00	0.0013	>=-2.5 & <=2.5	Pass
			20	NV	9.50	0.0025	>=-2.5 & <=2.5	Pass
			30	NV	6.90	0.0018	>=-2.5 & <=2.5	Pass
			40	NV	6.10	0.0016	>=-2.5 & <=2.5	Pass
			50	NV	5.70	0.0015	>=-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	5.00	0.0013	>=-2.5 & <=2.5	Pass
				HV	10.30	0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	14.20	0.0038	>=-2.5 & <=2.5	Pass
			-20	NV	11.50	0.0031	>=-2.5 & <=2.5	Pass
			-10	NV	13.80	0.0037	>=-2.5 & <=2.5	Pass
			0	NV	9.70	0.0026	>=-2.5 & <=2.5	Pass
			10	NV	9.70	0.0026	>=-2.5 & <=2.5	Pass
			20	NV	9.00	0.0024	>=-2.5 & <=2.5	Pass
			30	NV	8.10	0.0022	>=-2.5 & <=2.5	Pass
			40	NV	12.00	0.0032	>=-2.5 & <=2.5	Pass
			50	NV	5.90	0.0016	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	10.80	0.0029	>=-2.5 & <=2.5	Pass
				HV	5.70	0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	7.90	0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	8.30	0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	5.80	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	10.30	0.0027	>=-2.5 & <=2.5	Pass
			10	NV	4.10	0.0011	>=-2.5 & <=2.5	Pass
			20	NV	12.40	0.0033	>=-2.5 & <=2.5	Pass
			30	NV	6.50	0.0017	>=-2.5 & <=2.5	Pass
			40	NV	5.30	0.0014	>=-2.5 & <=2.5	Pass
			50	NV	6.30	0.0017	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	8.60	0.0023	>=-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	6.40	0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	8.90	0.0024	>=-2.5 & <=2.5	Pass
			0	NV	7.10	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	5.90	0.0016	>=-2.5 & <=2.5	Pass
			20	NV	7.40	0.0020	>=-2.5 & <=2.5	Pass
			30	NV	6.80	0.0018	>=-2.5 & <=2.5	Pass
			40	NV	10.90	0.0029	>=-2.5 & <=2.5	Pass
			50	NV	10.40	0.0028	>=-2.5 & <=2.5	Pass

DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	6.40	0.0017	≥ -2.5 & ≤ 2.5	Pass
				HV	6.70	0.0018	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	4.30	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	11.40	0.0030	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	8.70	0.0023	≥ -2.5 & ≤ 2.5	Pass
			0	NV	6.90	0.0018	≥ -2.5 & ≤ 2.5	Pass
			10	NV	10.00	0.0027	≥ -2.5 & ≤ 2.5	Pass
			20	NV	8.30	0.0022	≥ -2.5 & ≤ 2.5	Pass
			30	NV	13.70	0.0037	≥ -2.5 & ≤ 2.5	Pass
			40	NV	7.50	0.0020	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	2.70	0.0007	≥ -2.5 & ≤ 2.5	Pass
				HV	6.40	0.0017	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	8.90	0.0024	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	13.70	0.0037	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	10.10	0.0027	≥ -2.5 & ≤ 2.5	Pass
			0	NV	11.60	0.0031	≥ -2.5 & ≤ 2.5	Pass
			10	NV	10.30	0.0027	≥ -2.5 & ≤ 2.5	Pass
			20	NV	8.00	0.0021	≥ -2.5 & ≤ 2.5	Pass
			30	NV	10.40	0.0028	≥ -2.5 & ≤ 2.5	Pass
			40	NV	7.10	0.0019	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	5.70	0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	3.80	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	7.50	0.0020	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	5.10	0.0014	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	8.70	0.0023	≥ -2.5 & ≤ 2.5	Pass
			0	NV	9.60	0.0026	≥ -2.5 & ≤ 2.5	Pass
			10	NV	6.80	0.0018	≥ -2.5 & ≤ 2.5	Pass
			20	NV	11.10	0.0030	≥ -2.5 & ≤ 2.5	Pass
			30	NV	5.40	0.0014	≥ -2.5 & ≤ 2.5	Pass
			40	NV	7.80	0.0021	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	9.70	0.0026	≥ -2.5 & ≤ 2.5	Pass
				HV	3.40	0.0009	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	6.70	0.0018	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	6.20	0.0017	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.80	0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	3.50	0.0009	≥ -2.5 & ≤ 2.5	Pass
			10	NV	6.20	0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	NV	8.90	0.0024	≥ -2.5 & ≤ 2.5	Pass
			30	NV	8.40	0.0022	≥ -2.5 & ≤ 2.5	Pass
			40	NV	11.30	0.0030	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	5.10	0.0014	≥ -2.5 & ≤ 2.5	Pass
				HV	4.90	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	4.80	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	3.00	0.0008	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	6.30	0.0017	≥ -2.5 & ≤ 2.5	Pass
			0	NV	7.70	0.0021	≥ -2.5 & ≤ 2.5	Pass
			10	NV	4.60	0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	NV	4.50	0.0012	≥ -2.5 & ≤ 2.5	Pass
			30	NV	7.40	0.0020	≥ -2.5 & ≤ 2.5	Pass
			40	NV	7.90	0.0021	≥ -2.5 & ≤ 2.5	Pass
			50	NV	9.10	0.0024	≥ -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	7.30	0.0019	>=-2.5 & <=2.5	Pass
				HV	10.30	0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	12.90	0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	14.00	0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	12.70	0.0034	>=-2.5 & <=2.5	Pass
			0	NV	11.10	0.0030	>=-2.5 & <=2.5	Pass
			10	NV	7.50	0.0020	>=-2.5 & <=2.5	Pass
			20	NV	11.70	0.0031	>=-2.5 & <=2.5	Pass
			30	NV	12.40	0.0033	>=-2.5 & <=2.5	Pass
			40	NV	6.40	0.0017	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	10.10	0.0027	>=-2.5 & <=2.5	Pass
				HV	8.00	0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	10.40	0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	9.10	0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	6.50	0.0017	>=-2.5 & <=2.5	Pass
			0	NV	9.20	0.0025	>=-2.5 & <=2.5	Pass
			10	NV	7.10	0.0019	>=-2.5 & <=2.5	Pass
			20	NV	10.50	0.0028	>=-2.5 & <=2.5	Pass
			30	NV	8.70	0.0023	>=-2.5 & <=2.5	Pass
			40	NV	6.60	0.0018	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	8.30	0.0022	>=-2.5 & <=2.5	Pass
				HV	6.00	0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	8.50	0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	7.70	0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	8.20	0.0022	>=-2.5 & <=2.5	Pass
			0	NV	9.20	0.0025	>=-2.5 & <=2.5	Pass
			10	NV	8.70	0.0023	>=-2.5 & <=2.5	Pass
			20	NV	9.60	0.0026	>=-2.5 & <=2.5	Pass
			30	NV	8.90	0.0024	>=-2.5 & <=2.5	Pass
			40	NV	10.10	0.0027	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	7.30	0.0019	>=-2.5 & <=2.5	Pass
				HV	4.40	0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	10.60	0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	8.10	0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	5.50	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	9.90	0.0026	>=-2.5 & <=2.5	Pass
			10	NV	7.00	0.0019	>=-2.5 & <=2.5	Pass
			20	NV	5.60	0.0015	>=-2.5 & <=2.5	Pass
			30	NV	8.60	0.0023	>=-2.5 & <=2.5	Pass
			40	NV	8.90	0.0024	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	3.40	0.0009	>=-2.5 & <=2.5	Pass
				HV	7.40	0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	11.40	0.0030	>=-2.5 & <=2.5	Pass
			-20	NV	6.60	0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	10.60	0.0028	>=-2.5 & <=2.5	Pass
			0	NV	8.20	0.0022	>=-2.5 & <=2.5	Pass
			10	NV	9.30	0.0025	>=-2.5 & <=2.5	Pass
			20	NV	10.20	0.0027	>=-2.5 & <=2.5	Pass
			30	NV	8.00	0.0021	>=-2.5 & <=2.5	Pass
			40	NV	6.00	0.0016	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	NV	7.40	0.0020	>=-2.5 & <=2.5	Pass
				LV	5.10	0.0014	>=-2.5 & <=2.5	Pass

				HV	7.30	0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	3.20	0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	6.20	0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	3.20	0.0009	>=-2.5 & <=2.5	Pass
			0	NV	6.50	0.0017	>=-2.5 & <=2.5	Pass
			10	NV	5.10	0.0014	>=-2.5 & <=2.5	Pass
			20	NV	4.20	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	6.40	0.0017	>=-2.5 & <=2.5	Pass
			40	NV	9.80	0.0026	>=-2.5 & <=2.5	Pass
			50	NV	5.40	0.0014	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	5.60	0.0015	>=-2.5 & <=2.5	Pass
				HV	6.10	0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	7.40	0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	5.30	0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	4.70	0.0013	>=-2.5 & <=2.5	Pass
			0	NV	7.10	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	10.20	0.0027	>=-2.5 & <=2.5	Pass
			20	NV	6.90	0.0018	>=-2.5 & <=2.5	Pass
			30	NV	8.20	0.0022	>=-2.5 & <=2.5	Pass
			40	NV	9.60	0.0026	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	5.20	0.0014	>=-2.5 & <=2.5	Pass
				HV	6.70	0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	6.90	0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	7.70	0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	5.60	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	6.90	0.0018	>=-2.5 & <=2.5	Pass
			10	NV	7.20	0.0019	>=-2.5 & <=2.5	Pass
			20	NV	4.00	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	8.40	0.0022	>=-2.5 & <=2.5	Pass
			40	NV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			50	NV	4.40	0.0012	>=-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	4.20	0.0011	>=-2.5 & <=2.5	Pass
				HV	12.80	0.0034	>=-2.5 & <=2.5	Pass
			-30	NV	13.80	0.0037	>=-2.5 & <=2.5	Pass
			-20	NV	15.70	0.0042	>=-2.5 & <=2.5	Pass
			-10	NV	9.80	0.0026	>=-2.5 & <=2.5	Pass
			0	NV	17.10	0.0046	>=-2.5 & <=2.5	Pass
			10	NV	14.50	0.0039	>=-2.5 & <=2.5	Pass
			20	NV	9.10	0.0024	>=-2.5 & <=2.5	Pass
			30	NV	6.20	0.0017	>=-2.5 & <=2.5	Pass
			40	NV	7.00	0.0019	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	5.40	0.0014	>=-2.5 & <=2.5	Pass
				HV	9.80	0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	5.70	0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	6.90	0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	7.60	0.0020	>=-2.5 & <=2.5	Pass
			0	NV	11.20	0.0030	>=-2.5 & <=2.5	Pass
			10	NV	10.70	0.0029	>=-2.5 & <=2.5	Pass
			20	NV	12.20	0.0033	>=-2.5 & <=2.5	Pass

			30	NV	10.40	0.0028	≥ -2.5 & ≤ 2.5	Pass
			40	NV	10.90	0.0029	≥ -2.5 & ≤ 2.5	Pass
			50	NV	8.90	0.0024	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	8.70	0.0023	≥ -2.5 & ≤ 2.5	Pass
				HV	7.80	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	12.10	0.0032	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	7.80	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	11.10	0.0030	≥ -2.5 & ≤ 2.5	Pass
			0	NV	8.70	0.0023	≥ -2.5 & ≤ 2.5	Pass
			10	NV	6.70	0.0018	≥ -2.5 & ≤ 2.5	Pass
			20	NV	7.90	0.0021	≥ -2.5 & ≤ 2.5	Pass
			30	NV	9.10	0.0024	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.40	0.0014	≥ -2.5 & ≤ 2.5	Pass
			50	NV	5.20	0.0014	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	4.30	0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	10.00	0.0027	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	8.50	0.0023	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	10.10	0.0027	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	8.80	0.0023	≥ -2.5 & ≤ 2.5	Pass
			0	NV	10.30	0.0027	≥ -2.5 & ≤ 2.5	Pass
			10	NV	7.40	0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	NV	4.00	0.0011	≥ -2.5 & ≤ 2.5	Pass
			30	NV	11.30	0.0030	≥ -2.5 & ≤ 2.5	Pass
			40	NV	9.90	0.0026	≥ -2.5 & ≤ 2.5	Pass
			50	NV	8.40	0.0022	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	6.40	0.0017	≥ -2.5 & ≤ 2.5	Pass
				HV	7.30	0.0019	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	13.20	0.0035	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	10.40	0.0028	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	8.70	0.0023	≥ -2.5 & ≤ 2.5	Pass
			0	NV	9.30	0.0025	≥ -2.5 & ≤ 2.5	Pass
			10	NV	5.40	0.0014	≥ -2.5 & ≤ 2.5	Pass
			20	NV	6.80	0.0018	≥ -2.5 & ≤ 2.5	Pass
			30	NV	6.50	0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	9.60	0.0026	≥ -2.5 & ≤ 2.5	Pass
			50	NV	10.90	0.0029	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	9.30	0.0025	≥ -2.5 & ≤ 2.5	Pass
				HV	3.70	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	7.50	0.0020	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	8.50	0.0023	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	6.40	0.0017	≥ -2.5 & ≤ 2.5	Pass
			0	NV	10.80	0.0029	≥ -2.5 & ≤ 2.5	Pass
			10	NV	7.70	0.0021	≥ -2.5 & ≤ 2.5	Pass
			20	NV	8.40	0.0022	≥ -2.5 & ≤ 2.5	Pass
			30	NV	6.40	0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	6.60	0.0018	≥ -2.5 & ≤ 2.5	Pass
			50	NV	4.40	0.0012	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	9.70	0.0026	≥ -2.5 & ≤ 2.5	Pass
				HV	7.90	0.0021	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	8.30	0.0022	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	4.30	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	11.70	0.0031	≥ -2.5 & ≤ 2.5	Pass
			0	NV	9.00	0.0024	≥ -2.5 & ≤ 2.5	Pass
			10	NV	9.60	0.0026	≥ -2.5 & ≤ 2.5	Pass
			20	NV	7.80	0.0021	≥ -2.5 & ≤ 2.5	Pass
			30	NV	7.40	0.0020	≥ -2.5 & ≤ 2.5	Pass
			40	NV	7.70	0.0021	≥ -2.5 & ≤ 2.5	Pass
			50	NV	7.80	0.0021	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	8.00	0.0021	≥ -2.5 & ≤ 2.5	Pass

				HV	9.70	0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	9.90	0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	9.80	0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	10.20	0.0027	>=-2.5 & <=2.5	Pass
			0	NV	10.90	0.0029	>=-2.5 & <=2.5	Pass
			10	NV	5.50	0.0015	>=-2.5 & <=2.5	Pass
			20	NV	8.20	0.0022	>=-2.5 & <=2.5	Pass
			30	NV	9.30	0.0025	>=-2.5 & <=2.5	Pass
			40	NV	9.50	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	-6.30	-0.0017	>=-2.5 & <=2.5	Pass
				HV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	-11.00	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-10.00	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-5.10	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-6.10	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-4.30	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-2.80	-0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-4.10	-0.0011	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-8.80	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-4.90	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-8.30	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-3.40	-0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	-8.20	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-6.10	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	-7.50	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-5.00	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			40	NV	-5.90	-0.0016	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	5.70	0.0015	>=-2.5 & <=2.5	Pass
				HV	-1.80	-0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	-1.40	-0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	4.60	0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-3.00	-0.0008	>=-2.5 & <=2.5	Pass
			10	NV	-4.80	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-6.70	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-7.40	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	3.90	0.0010	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-8.90	-0.0024	>=-2.5 & <=2.5	Pass
				HV	5.60	0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	3.80	0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-2.30	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-6.50	-0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-11.50	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-3.70	-0.0010	>=-2.5 & <=2.5	Pass

			30	NV	-4.50	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-5.10	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	2.10	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-5.30	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-6.20	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-6.80	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-4.50	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	5.50	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-3.70	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-4.90	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-4.90	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-5.60	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-5.40	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-4.80	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-8.60	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-5.10	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-7.20	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-5.70	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-8.80	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-2.60	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-11.40	-0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-4.20	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-9.30	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-6.10	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-4.80	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	-9.90	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-11.20	-0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-9.20	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-10.60	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-10.60	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-12.50	-0.0033	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-12.00	-0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-10.10	-0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-10.80	-0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-15.10	-0.0040	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-12.40	-0.0033	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-8.10	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-5.30	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-6.50	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-3.50	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-2.20	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-6.60	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-4.60	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-2.20	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-8.30	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-7.60	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-4.00	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	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	-4.40	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-7.10	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-3.60	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-0.70	-0.0002	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			-10	NV	-2.10	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-10.20	-0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-5.60	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-7.50	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-6.60	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-5.70	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-3.10	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-4.30	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-8.80	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	4.10	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-8.90	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-9.50	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-5.60	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-3.00	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-6.70	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-8.80	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	4.40	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	50	NV	-9.00	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-4.80	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-3.90	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-3.00	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-3.70	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-7.50	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-7.50	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-3.50	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-5.40	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-8.00	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	40	NV	-4.40	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-4.20	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-7.50	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-9.10	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-8.30	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-4.00	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-4.70	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-7.10	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-5.30	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-6.40	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	3750	Outer_Full	30	NV	-5.40	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-7.70	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-7.60	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-1.60	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-6.20	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-8.00	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-5.90	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-2.50	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-4.70	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-6.60	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	NV	-8.10	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-6.70	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-5.00	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-7.50	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-4.60	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-4.70	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-5.30	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-7.50	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-7.00	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-1.90	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-4.80	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-3.50	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			30	NV	-6.60	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-6.20	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-7.20	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	-4.60	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-7.50	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-5.90	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-5.60	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-6.90	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-6.40	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-6.00	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-6.30	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-5.10	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-9.20	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-7.80	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-4.00	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-5.10	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-7.90	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-6.60	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-6.90	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-6.60	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-5.40	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-6.50	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-3.00	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-5.10	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-3.40	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	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	-7.70	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-7.00	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-8.50	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-2.40	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-6.10	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-3.50	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-6.70	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-1.80	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-5.50	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	2.90	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-3.70	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	3.80	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-6.40	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-1.30	-0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-1.40	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-6.90	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-4.90	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-7.30	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-6.00	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-2.40	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	NV	-3.30	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				LV	4.30	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-4.80	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-4.00	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			-10	NV	-5.60	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-3.40	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-6.00	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-1.80	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-5.40	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-9.40	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-7.30	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-3.60	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-3.30	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-7.10	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-8.30	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	2.50	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-8.10	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-9.70	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-3.10	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-7.90	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-6.20	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	3750	Outer_Full	50	NV	-3.90	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-6.70	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-3.30	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-7.10	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-5.70	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-7.20	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-5.70	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-5.70	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-7.10	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-11.70	-0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3750	Outer_Full	40	NV	-7.10	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-3.20	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-6.60	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-7.20	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-6.50	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-11.80	-0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-5.20	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-7.70	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-5.90	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-8.10	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	3750	Outer_Full	30	NV	-4.60	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-5.40	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-6.90	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-11.70	-0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-11.20	-0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-10.60	-0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-9.80	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-12.50	-0.0033	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-11.60	-0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-9.20	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	NV	-9.20	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-17.60	-0.0047	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-8.80	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-13.10	-0.0035	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-8.40	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-5.00	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-4.50	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-3.50	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-6.20	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-4.90	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-6.20	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-5.60	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			30	NV	-7.00	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-9.60	-0.0026	>=-2.5 & <=2.5	Pass
			50	NV	-5.80	-0.0015	>=-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	-3.80	-0.0010	>=-2.5 & <=2.5	Pass
				HV	-2.50	-0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	-4.90	-0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-8.30	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-8.50	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	2.50	0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-4.90	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-9.00	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-4.90	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
			50	NV	-1.40	-0.0004	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-9.60	-0.0026	>=-2.5 & <=2.5	Pass
				HV	-5.20	-0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	-9.30	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-7.80	-0.0021	>=-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	-6.00	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-6.00	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	5.30	0.0014	>=-2.5 & <=2.5	Pass
			40	NV	-4.80	-0.0013	>=-2.5 & <=2.5	Pass
			50	NV	-3.40	-0.0009	>=-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	-3.40	-0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-6.30	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-8.20	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	3.70	0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-5.40	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	-4.20	-0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-9.90	-0.0026	>=-2.5 & <=2.5	Pass
			30	NV	-4.00	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-4.10	-0.0011	>=-2.5 & <=2.5	Pass
			50	NV	-5.70	-0.0015	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-2.70	-0.0007	>=-2.5 & <=2.5	Pass
				HV	-5.50	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	-6.80	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-4.40	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-2.10	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	5.40	0.0014	>=-2.5 & <=2.5	Pass
			10	NV	-5.70	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-5.00	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-8.40	-0.0022	>=-2.5 & <=2.5	Pass
			40	NV	1.70	0.0005	>=-2.5 & <=2.5	Pass
			50	NV	-8.50	-0.0023	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-5.80	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-6.20	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-5.90	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-8.90	-0.0024	>=-2.5 & <=2.5	Pass

			-10	NV	-8.50	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-5.50	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-5.90	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-8.20	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-5.90	-0.0016	>=-2.5 & <=2.5	Pass
			40	NV	-7.20	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-9.40	-0.0025	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-6.30	-0.0017	>=-2.5 & <=2.5	Pass
				HV	-8.00	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-7.30	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-5.50	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-7.90	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-6.90	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-9.50	-0.0025	>=-2.5 & <=2.5	Pass
			20	NV	-10.00	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-6.70	-0.0018	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	50	NV	-6.70	-0.0018	>=-2.5 & <=2.5	Pass
			20	LV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
				HV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-5.00	-0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-5.10	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-5.80	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-4.30	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-6.30	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-8.20	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-8.70	-0.0023	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	40	NV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-7.40	-0.0020	>=-2.5 & <=2.5	Pass
			20	LV	-6.20	-0.0017	>=-2.5 & <=2.5	Pass
				HV	-4.40	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-5.70	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-5.30	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-5.30	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-7.00	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-8.20	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-8.30	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-7.30	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-10.30	-0.0027	>=-2.5 & <=2.5	Pass
			50	NV	-6.10	-0.0016	>=-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	-4.30	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-5.30	-0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	-7.90	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-7.90	-0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	-1.60	-0.0004	>=-2.5 & <=2.5	Pass
			0	NV	-7.00	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-2.40	-0.0006	>=-2.5 & <=2.5	Pass
			20	NV	-4.50	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-1.60	-0.0004	>=-2.5 & <=2.5	Pass
			50	NV	-5.50	-0.0015	>=-2.5 & <=2.5	Pass

DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-3.80	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-2.30	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-6.20	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-7.90	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-5.50	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-6.80	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-5.20	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-6.50	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-9.60	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-2.70	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-5.90	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	4.80	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-4.40	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-4.50	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-7.60	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-2.80	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-6.30	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-4.10	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-11.00	-0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-5.50	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-3.40	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	3.80	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-0.90	-0.0002	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-7.40	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-7.00	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	4.80	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-3.50	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-3.90	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	2.30	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-7.70	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-5.60	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-3.20	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-11.80	-0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-6.50	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-5.70	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-2.00	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-7.10	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-5.70	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-9.40	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-5.40	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-4.80	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-9.40	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-5.40	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-8.60	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-5.90	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-4.80	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-3.70	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-3.30	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-2.60	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-8.00	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	-5.30	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-4.80	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.50	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-5.50	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			-10	NV	2.10	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-4.50	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-5.10	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-5.70	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-3.20	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-4.30	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-5.00	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-3.90	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-7.00	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-6.30	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-6.90	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-1.70	-0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-5.40	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-2.30	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-7.60	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-3.50	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-2.20	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-8.10	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	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	-7.70	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-7.70	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-7.50	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-7.30	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-77.00	-0.0205	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-6.10	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-9.50	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-5.70	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-5.70	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-8.00	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-5.00	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-3.60	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-3.10	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-7.40	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	4.30	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-8.70	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-7.70	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-6.70	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-6.70	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-12.00	-0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-9.70	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-9.40	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-14.90	-0.0040	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-3.60	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-5.00	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	76.80	0.0205	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-8.30	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-7.50	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-6.60	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-11.10	-0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-9.80	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-3.70	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-6.40	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass

DFT-s-OFDM 256 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	3.90	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.60	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	5.50	0.0015	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.50	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-1.10	-0.0003	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-10.40	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-10.40	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-7.90	-0.0021	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-4.60	-0.0012	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.00	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.60	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.00	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.30	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.90	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			20	NV	5.90	0.0016	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.80	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			40	NV	56.20	0.0150	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-6.80	-0.0018	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.80	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.20	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-8.30	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-8.70	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.40	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-8.70	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	-2.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.70	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.40	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.20	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-9.70	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-8.80	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.00	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.90	-0.0016	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-6.60	-0.0018	≥ -2.5 & ≤ 2.5	Pass
				HV	-8.60	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.10	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.80	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.90	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.20	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			10	NV	0.70	0.0002	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.40	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.30	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			40	NV	1.30	0.0003	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-6.60	-0.0018	≥ -2.5 & ≤ 2.5	Pass
				HV	-8.60	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.10	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.80	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.90	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.20	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			10	NV	0.70	0.0002	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.40	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.30	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			40	NV	1.30	0.0003	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-6.60	-0.0018	≥ -2.5 & ≤ 2.5	Pass
				HV	-8.60	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.10	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.80	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.90	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.20	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			10	NV	0.70	0.0002	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.40	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.30	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			40	NV	1.30	0.0003	≥ -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	-7.90	-0.0021	>=-2.5 & <=2.5	Pass
				HV	-3.50	-0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-10.20	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	4.70	0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-4.00	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-8.30	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	2.10	0.0006	>=-2.5 & <=2.5	Pass
			30	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			40	NV	-3.80	-0.0010	>=-2.5 & <=2.5	Pass
			50	NV	-2.50	-0.0007	>=-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	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-3.30	-0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	5.30	0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-8.00	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-7.70	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-4.40	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	6.80	0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-7.10	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			50	NV	-4.00	-0.0011	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-6.10	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-2.70	-0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	-1.30	-0.0003	>=-2.5 & <=2.5	Pass
			-20	NV	-4.10	-0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-4.80	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-8.20	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-3.40	-0.0009	>=-2.5 & <=2.5	Pass
			20	NV	-1.50	-0.0004	>=-2.5 & <=2.5	Pass
			30	NV	-2.10	-0.0006	>=-2.5 & <=2.5	Pass
			40	NV	-1.60	-0.0004	>=-2.5 & <=2.5	Pass
			50	NV	3.50	0.0009	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-5.70	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-4.80	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-10.40	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-6.30	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-6.90	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	2.90	0.0008	>=-2.5 & <=2.5	Pass
			10	NV	-6.30	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-6.00	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-13.00	-0.0035	>=-2.5 & <=2.5	Pass
			40	NV	2.50	0.0007	>=-2.5 & <=2.5	Pass
			50	NV	-8.30	-0.0022	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-5.30	-0.0014	>=-2.5 & <=2.5	Pass
				HV	-5.20	-0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	-4.60	-0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	-9.00	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-4.90	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-6.20	-0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-5.50	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-6.80	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-4.20	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-4.50	-0.0012	>=-2.5 & <=2.5	Pass
			50	NV	-4.80	-0.0013	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-10.30	-0.0027	>=-2.5 & <=2.5	Pass

				HV	-2.80	-0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	-5.40	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-7.50	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-4.90	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-4.30	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-8.10	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-8.20	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-4.60	-0.0012	>=-2.5 & <=2.5	Pass
			50	NV	-1.30	-0.0003	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	-5.00	-0.0013	>=-2.5 & <=2.5	Pass
				HV	-3.10	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-4.10	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-6.50	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-3.80	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-3.50	-0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-6.30	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-2.30	-0.0006	>=-2.5 & <=2.5	Pass
			30	NV	-3.90	-0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-7.10	-0.0019	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-2.10	-0.0006	>=-2.5 & <=2.5	Pass
				HV	-8.40	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-4.60	-0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	-3.80	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-3.40	-0.0009	>=-2.5 & <=2.5	Pass
			0	NV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-5.40	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-3.80	-0.0010	>=-2.5 & <=2.5	Pass
			30	NV	-4.90	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-3.00	-0.0008	>=-2.5 & <=2.5	Pass
			50	NV	-7.90	-0.0021	>=-2.5 & <=2.5	Pass

2.1.15 30k_SISO_60MHz

5G NR n78a SCS=30kHz SISO 60MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	-4.80	-0.0013	>=-2.5 & <=2.5	Pass
				HV	-9.90	-0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	-6.20	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-3.10	-0.0008	>=-2.5 & <=2.5	Pass
			0	NV	-8.50	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
			20	NV	-3.40	-0.0009	>=-2.5 & <=2.5	Pass
			30	NV	-7.50	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-6.10	-0.0016	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	3.00	0.0008	>=-2.5 & <=2.5	Pass
				HV	9.20	0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	5.40	0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-5.20	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
			0	NV	-1.50	-0.0004	>=-2.5 & <=2.5	Pass
			10	NV	-4.20	-0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-4.80	-0.0013	>=-2.5 & <=2.5	Pass

			30	NV	-3.60	-0.0010	>=-2.5 & <=2.5	Pass
			40	NV	6.00	0.0016	>=-2.5 & <=2.5	Pass
			50	NV	-7.90	-0.0021	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	4.20	0.0011	>=-2.5 & <=2.5	Pass
				HV	-3.90	-0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	-11.70	-0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	-7.40	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-2.30	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-5.40	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	2.20	0.0006	>=-2.5 & <=2.5	Pass
			20	NV	-6.10	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-3.50	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-6.00	-0.0016	>=-2.5 & <=2.5	Pass
			50	NV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
			DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	6.90
HV	4.20	0.0011					>=-2.5 & <=2.5	Pass
-30	NV	-9.20				-0.0025	>=-2.5 & <=2.5	Pass
-20	NV	6.20				0.0017	>=-2.5 & <=2.5	Pass
-10	NV	-4.50				-0.0012	>=-2.5 & <=2.5	Pass
0	NV	-2.90				-0.0008	>=-2.5 & <=2.5	Pass
10	NV	1.40				0.0004	>=-2.5 & <=2.5	Pass
20	NV	-8.00				-0.0021	>=-2.5 & <=2.5	Pass
30	NV	-10.70				-0.0029	>=-2.5 & <=2.5	Pass
40	NV	-5.30				-0.0014	>=-2.5 & <=2.5	Pass
50	NV	-8.90				-0.0024	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full				20	LV	-1.50
			HV	-3.10	-0.0008		>=-2.5 & <=2.5	Pass
			-30	NV	-3.10	-0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	-5.70	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-6.10	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	-8.30	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-6.40	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-2.80	-0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-7.90	-0.0021	>=-2.5 & <=2.5	Pass
			50	NV	-5.20	-0.0014	>=-2.5 & <=2.5	Pass
			CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-7.30
HV	-7.00	-0.0019					>=-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	-7.70				-0.0021	>=-2.5 & <=2.5	Pass
0	NV	-8.50				-0.0023	>=-2.5 & <=2.5	Pass
10	NV	-5.90				-0.0016	>=-2.5 & <=2.5	Pass
20	NV	-4.80				-0.0013	>=-2.5 & <=2.5	Pass
30	NV	-7.80				-0.0021	>=-2.5 & <=2.5	Pass
40	NV	-7.50				-0.0020	>=-2.5 & <=2.5	Pass
50	NV	-8.00				-0.0021	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full				20	LV	-4.50
			HV	-6.90	-0.0018		>=-2.5 & <=2.5	Pass
			-30	NV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-8.80	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-8.20	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-7.20	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-5.40	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-8.80	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
			50	NV	-8.10	-0.0022	>=-2.5 & <=2.5	Pass
			CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-5.60

				HV	-7.70	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-9.00	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-4.00	-0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-5.20	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-3.30	-0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-4.50	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-5.00	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-7.00	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	-6.90	-0.0018	>=-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	-4.20	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-6.30	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	4.40	0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	1.60	0.0004	>=-2.5 & <=2.5	Pass
			0	NV	8.80	0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-3.60	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	5.40	0.0014	>=-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	4.20	0.0011	>=-2.5 & <=2.5	Pass
				HV	-2.40	-0.0006	>=-2.5 & <=2.5	Pass
			-30	NV	3.50	0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	-4.90	-0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-4.80	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	3.80	0.0010	>=-2.5 & <=2.5	Pass
			10	NV	3.10	0.0008	>=-2.5 & <=2.5	Pass
			20	NV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
			30	NV	2.60	0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-2.50	-0.0007	>=-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	3.30	0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	3.60	0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	1.00	0.0003	>=-2.5 & <=2.5	Pass
			-10	NV	5.70	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-2.80	-0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-5.20	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-9.00	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-5.10	-0.0014	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	3.60	0.0010	>=-2.5 & <=2.5	Pass
				HV	-21.50	-0.0057	>=-2.5 & <=2.5	Pass
			-30	NV	1.90	0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	-5.30	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-3.70	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-3.90	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	7.60	0.0020	>=-2.5 & <=2.5	Pass
			20	NV	6.30	0.0017	>=-2.5 & <=2.5	Pass

			30	NV	3.70	0.0010	≥ -2.5 & ≤ 2.5	Pass
			40	NV	6.20	0.0017	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-8.30	-0.0022	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-4.50	-0.0012	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.20	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.10	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.60	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.70	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.10	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.60	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.90	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.70	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-2.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-4.20	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.40	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.80	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.30	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.10	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.70	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	-4.40	-0.0012	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.70	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.70	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.80	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.90	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.90	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.10	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.50	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.40	-0.0006	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-4.30	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.60	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.10	-0.0014	≥ -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	0.90	0.0002	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-1.90	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.50	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-2.90	-0.0008	≥ -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	-6.90	-0.0018	≥ -2.5 & ≤ 2.5	Pass
				HV	-10.20	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	2.70	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.30	-0.0011	≥ -2.5 & ≤ 2.5	Pass

			-10	NV	-8.40	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.20	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.10	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			20	NV	4.40	0.0012	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.10	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			40	NV	7.90	0.0021	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	1.30	0.0003	≥ -2.5 & ≤ 2.5	Pass
				HV	5.20	0.0014	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	1.50	0.0004	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.30	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.20	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.60	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.40	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-10.80	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.00	-0.0016	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	50	NV	-8.40	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-4.50	-0.0012	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.80	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.40	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.20	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.40	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-10.70	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.70	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.60	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-1.50	-0.0004	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	40	NV	4.30	0.0011	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.30	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	LV	3.80	0.0010	≥ -2.5 & ≤ 2.5	Pass
				HV	3.50	0.0009	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.80	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.30	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	2.40	0.0006	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.00	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.70	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.20	-0.0019	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	30	NV	2.30	0.0006	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.30	0.0014	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.50	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-2.80	-0.0007	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.80	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.30	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.20	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.90	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.30	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.40	-0.0009	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	NV	-8.10	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-7.10	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-3.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.90	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-2.70	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.90	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	3.10	0.0008	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.60	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass

			30	NV	-3.00	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-4.10	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-2.80	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	-2.80	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-4.20	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-8.10	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-4.60	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-5.60	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-5.30	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-3.20	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-5.50	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-2.30	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-4.30	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-4.90	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-4.70	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-6.90	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-2.90	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-7.40	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-9.20	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-7.60	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-5.50	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-4.70	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-6.70	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-3.70	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-3.50	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	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	-8.10	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-5.20	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-5.40	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-8.10	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-2.80	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-6.10	-0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-6.80	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-6.90	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-4.10	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	4.10	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	2.60	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-2.20	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-10.10	-0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-10.10	-0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-6.40	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	5.80	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	2.90	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-4.20	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-8.10	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-2.80	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-7.70	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-1.40	-0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-5.50	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-7.00	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			-10	NV	-8.30	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-2.20	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-4.90	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-3.40	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-7.60	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-2.40	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-4.70	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	0.80	0.0002	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-8.30	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	1.30	0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-4.50	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-7.00	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-9.70	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	75.10	0.0200	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-4.00	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-5.70	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-3.80	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	3750	Outer_Full	50	NV	-3.50	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-3.40	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-6.20	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-3.90	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-5.20	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-6.90	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-3.10	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-10.30	-0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-3.20	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-6.80	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3750	Outer_Full	40	NV	-4.40	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-3.50	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-2.30	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-6.40	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	58.40	0.0156	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-3.80	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-3.50	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-5.20	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-5.80	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-4.20	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	3750	Outer_Full	30	NV	-4.30	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-7.00	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-4.20	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-3.90	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-2.70	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-5.20	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-5.70	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-7.10	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-5.70	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-3.90	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	NV	-5.10	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-5.50	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-2.20	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	3.40	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	LV	-4.80	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	2.00	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-5.40	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-6.80	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-5.50	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-8.40	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-3.00	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-7.50	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			30	NV	-1.90	-0.0005	>=-2.5 & <=2.5	Pass
			40	NV	-6.70	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-5.80	-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	-6.70	-0.0018	>=-2.5 & <=2.5	Pass
				HV	-7.60	-0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-4.90	-0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-2.80	-0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-3.00	-0.0008	>=-2.5 & <=2.5	Pass
			0	NV	-8.40	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-7.20	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-2.00	-0.0005	>=-2.5 & <=2.5	Pass
			40	NV	-5.40	-0.0014	>=-2.5 & <=2.5	Pass
			50	NV	-4.00	-0.0011	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	1.60	0.0004	>=-2.5 & <=2.5	Pass
				HV	-9.50	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-8.90	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-3.80	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-3.10	-0.0008	>=-2.5 & <=2.5	Pass
			10	NV	-8.70	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	1.70	0.0005	>=-2.5 & <=2.5	Pass
			30	NV	-4.50	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-9.10	-0.0024	>=-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	-7.40	-0.0020	>=-2.5 & <=2.5	Pass
				HV	-8.00	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-7.30	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-4.90	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-7.70	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-4.40	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-13.60	-0.0036	>=-2.5 & <=2.5	Pass
			30	NV	-8.00	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-7.10	-0.0019	>=-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	-5.40	-0.0014	>=-2.5 & <=2.5	Pass
				HV	-8.00	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	-2.10	-0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	-2.80	-0.0007	>=-2.5 & <=2.5	Pass
			0	NV	3.40	0.0009	>=-2.5 & <=2.5	Pass
			10	NV	6.10	0.0016	>=-2.5 & <=2.5	Pass
			20	NV	6.30	0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-6.50	-0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-8.20	-0.0022	>=-2.5 & <=2.5	Pass
			50	NV	-6.10	-0.0016	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-6.90	-0.0018	>=-2.5 & <=2.5	Pass
				HV	-4.10	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-9.80	-0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	-6.40	-0.0017	>=-2.5 & <=2.5	Pass

			-10	NV	-3.20	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.20	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-9.60	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.10	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.30	-0.0017	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-4.30	-0.0011	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.30	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.60	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.40	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.40	-0.0012	≥ -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	-3.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.80	-0.0013	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	50	NV	2.40	0.0006	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-9.10	-0.0024	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.80	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.20	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.80	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-8.30	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.20	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.80	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.70	-0.0015	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	40	NV	-6.80	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-5.90	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-7.40	-0.0020	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.20	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-7.30	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.90	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.30	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.00	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.20	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass

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

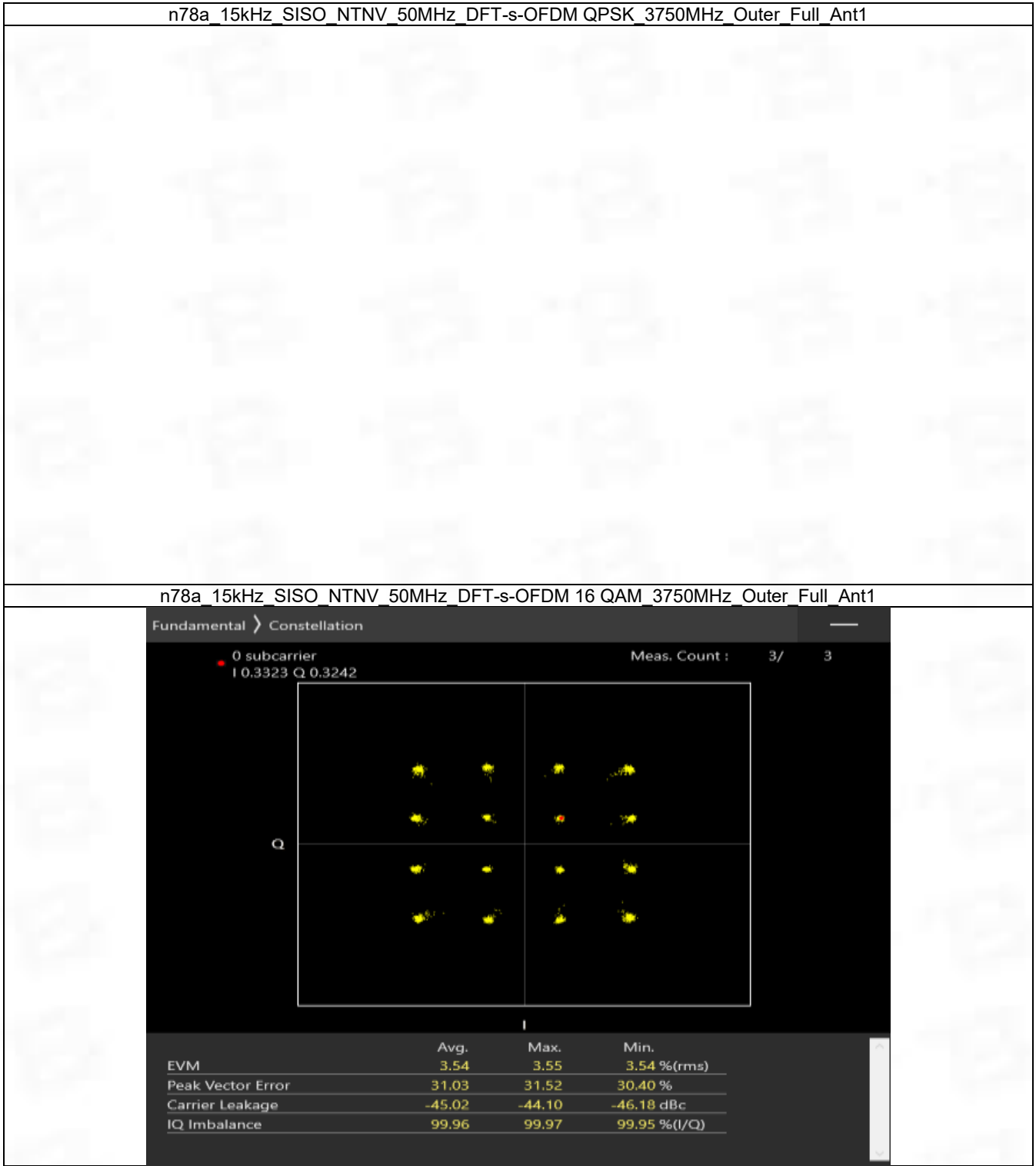
CP-OFDM 16 QAM	3750	Outer_Full	Refer To Test Graph	Pass
CP-OFDM 64 QAM	3750	Outer_Full	Refer To Test Graph	Pass
CP-OFDM 256 QAM	3750	Outer_Full	Refer To Test Graph	Pass

3.1.2 30k_SISO_100MHz_NTNV

5G NR n78a SCS=30kHz SISO 100MHz NTNv							
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



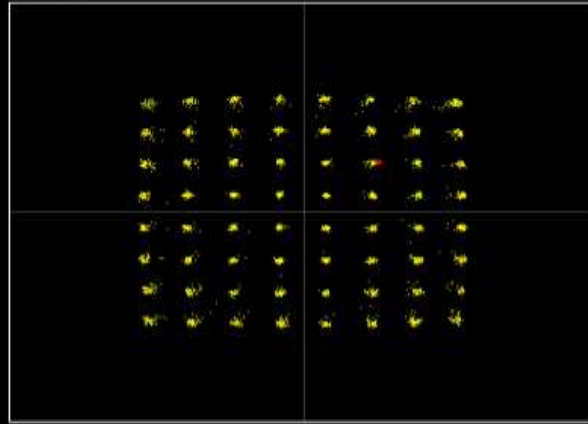
n78a 15kHz SISO NTN 50MHz DFT-s-OFDM 64 QAM 3750MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.5159 Q 0.4717

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	3.74	3.75	3.74 %(rms)
Peak Vector Error	19.98	21.21	18.82 %
Carrier Leakage	-47.54	-45.70	-49.89 dBc
IQ Imbalance	99.94	99.94	99.93 %(I/Q)

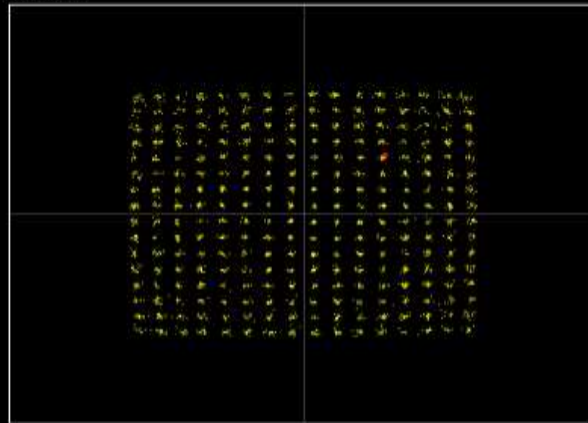
n78a 15kHz SISO NTN 50MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.5560 Q 0.5616

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	2.68	2.69	2.67 %(rms)
Peak Vector Error	10.74	11.06	10.53 %
Carrier Leakage	-47.18	-45.82	-49.11 dBc
IQ Imbalance	99.99	100.01	99.97 %(I/Q)

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

Fundamental > Constellation

0 subcarrier
I 0.6557 Q 0.7136

Meas. Count : 3/ 3

Q

	Avg.	Max.	Min.
EVM	6.02	6.03	6.01 %(rms)
Peak Vector Error	22.67	23.42	21.68 %
Carrier Leakage	-46.66	-45.07	-50.21 dBc

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

Fundamental > Constellation

0 subcarrier
I 0.2687 Q 0.2431

Meas. Count : 3/ 3

Q

	Avg.	Max.	Min.
EVM	6.08	6.08	6.07 %(rms)
Peak Vector Error	23.25	23.92	22.55 %
Carrier Leakage	-49.17	-48.08	-50.34 dBc

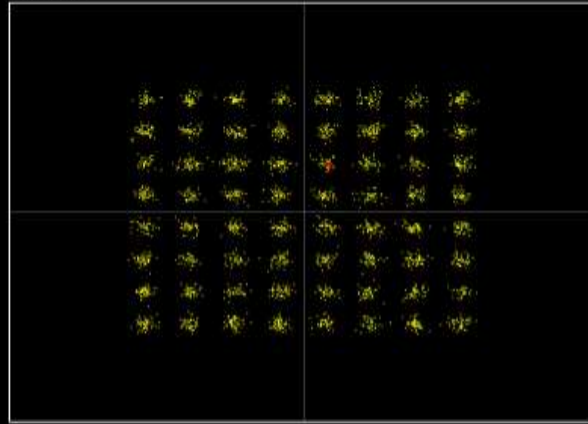
n78a 15kHz SISO NTN 50MHz CP-OFDM 64 QAM 3750MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.1789 Q 0.4394

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	5.45	5.45	5.44 %(rms)
Peak Vector Error	18.98	20.11	18.34 %
Carrier Leakage	-47.69	-47.04	-48.63 dBc

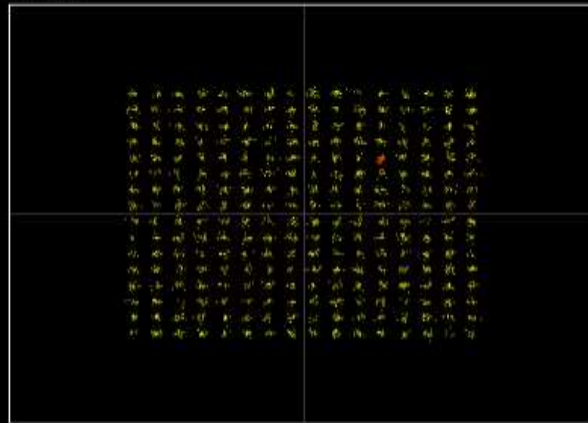
n78a 15kHz SISO NTN 50MHz CP-OFDM 256 QAM 3750MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.5142 Q 0.4974

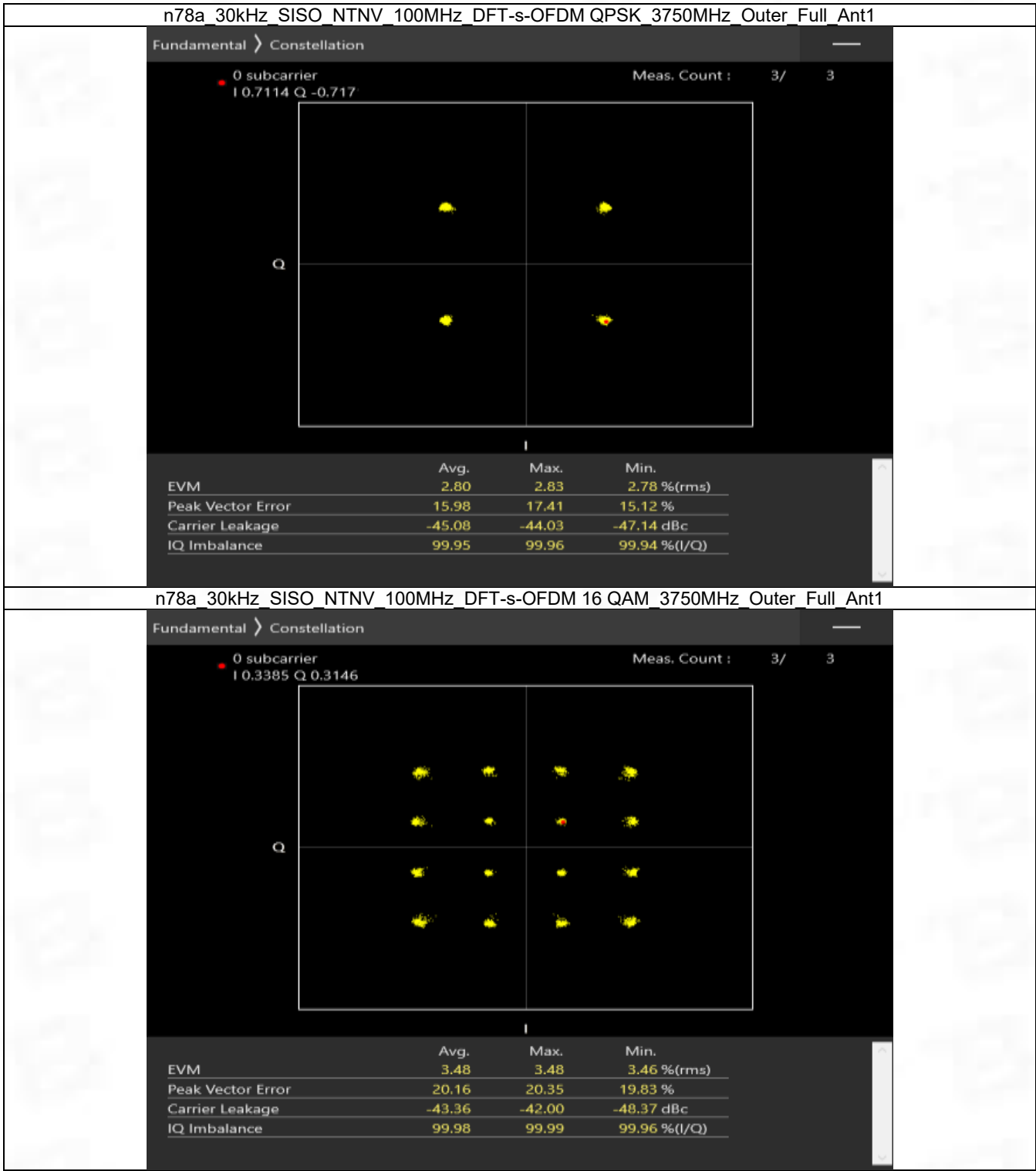
Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	2.74	2.75	2.72 %(rms)
Peak Vector Error	9.28	9.77	9.00 %
Carrier Leakage	-46.55	-45.81	-47.97 dBc

3.2.2 30k_SISO_100MHz_NTNV



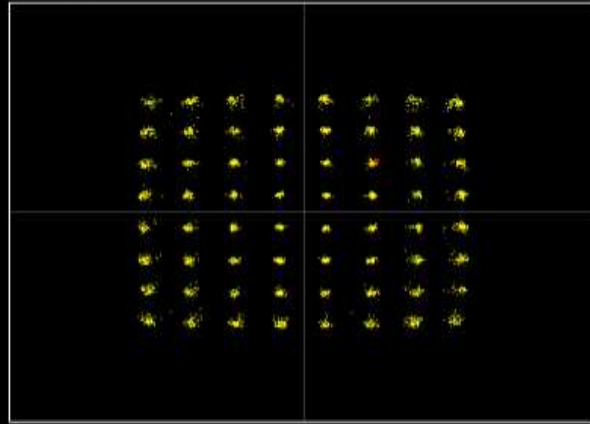
n78a 30kHz SISO NTN 100MHz DFT-s-OFDM 64 QAM 3750MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.4977 Q 0.4879

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	3.71	3.73	3.69 %(rms)
Peak Vector Error	20.22	20.55	20.01 %
Carrier Leakage	-44.28	-42.81	-48.00 dBc
IQ Imbalance	99.93	99.94	99.92 %(I/Q)

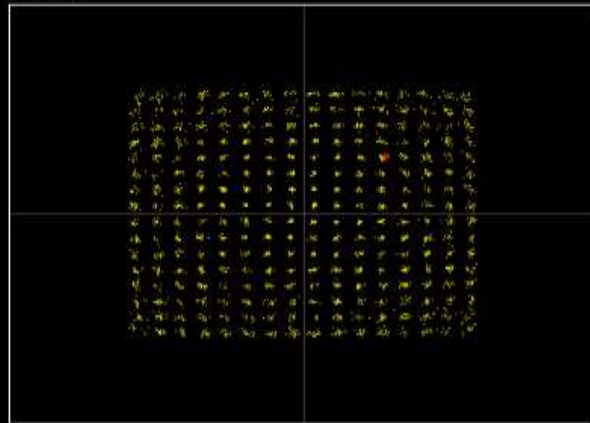
n78a 30kHz SISO NTN 100MHz DFT-s-OFDM 256 QAM 3750MHz Outer Full Ant1

Fundamental > Constellation

0 subcarrier
I 0.5676 Q 0.5482

Meas. Count : 3/ 3

Q



	Avg.	Max.	Min.
EVM	2.90	2.95	2.86 %(rms)
Peak Vector Error	10.90	11.79	10.45 %
Carrier Leakage	-44.66	-42.23	-47.09 dBc
IQ Imbalance	99.97	99.99	99.94 %(I/Q)

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

Fundamental > Constellation

0 subcarrier
I 0.2160 Q 0.4538

Meas. Count : 3/ 3

Q

I

	Avg.	Max.	Min.
EVM	4.96	5.00	4.89 %(rms)
Peak Vector Error	23.80	24.98	22.59 %
Carrier Leakage	-42.96	-41.56	-46.13 dBc
IQ Imbalance	99.93	99.94	99.92 %(I/Q)

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 NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3705	Outer_Full	9.08	9.66	/	Pass
	3750	Outer_Full	9.10	9.93	/	Pass
	3795	Outer_Full	9.09	9.75	/	Pass
DFT-s-OFDM 16 QAM	3705	Outer_Full	9.09	10.22	/	Pass
	3750	Outer_Full	9.13	9.85	/	Pass
	3795	Outer_Full	9.13	9.82	/	Pass
DFT-s-OFDM 64 QAM	3705	Outer_Full	9.06	9.80	/	Pass
	3750	Outer_Full	9.11	9.74	/	Pass
	3795	Outer_Full	9.03	9.86	/	Pass
DFT-s-OFDM 256 QAM	3705	Outer_Full	9.08	9.71	/	Pass
	3750	Outer_Full	9.11	9.96	/	Pass
	3795	Outer_Full	9.07	9.73	/	Pass
CP-OFDM QPSK	3705	Outer_Full	9.45	15.30	/	Pass
	3750	Outer_Full	9.45	13.47	/	Pass
	3795	Outer_Full	9.44	13.53	/	Pass
CP-OFDM 16 QAM	3705	Outer_Full	9.45	13.32	/	Pass
	3750	Outer_Full	9.50	13.86	/	Pass
	3795	Outer_Full	9.45	13.42	/	Pass
CP-OFDM 64 QAM	3705	Outer_Full	9.46	10.90	/	Pass
	3750	Outer_Full	9.41	12.37	/	Pass
	3795	Outer_Full	9.42	11.35	/	Pass
CP-OFDM 256 QAM	3705	Outer_Full	9.39	10.23	/	Pass
	3750	Outer_Full	9.41	10.12	/	Pass
	3795	Outer_Full	9.41	10.09	/	Pass

4.1.2 15k_SISO_15MHz_NTNV

5G NR n78a SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3707.505	Outer_Full	13.64	14.64	/	Pass
	3750	Outer_Full	13.62	15.52	/	Pass
	3792.495	Outer_Full	13.66	15.33	/	Pass
DFT-s-OFDM 16 QAM	3707.505	Outer_Full	13.65	14.80	/	Pass
	3750	Outer_Full	13.63	14.58	/	Pass
	3792.495	Outer_Full	13.65	14.58	/	Pass
DFT-s-OFDM 64 QAM	3707.505	Outer_Full	13.66	14.65	/	Pass
	3750	Outer_Full	13.67	14.93	/	Pass
	3792.495	Outer_Full	13.68	14.79	/	Pass
DFT-s-OFDM 256 QAM	3707.505	Outer_Full	13.62	14.92	/	Pass
	3750	Outer_Full	13.64	14.55	/	Pass
	3792.495	Outer_Full	13.60	15.03	/	Pass
CP-OFDM QPSK	3707.505	Outer_Full	14.38	22.06	/	Pass
	3750	Outer_Full	14.38	22.06	/	Pass
	3792.495	Outer_Full	14.32	16.40	/	Pass

CP-OFDM 16 QAM	3707.505	Outer_Full	14.32	18.41	/	Pass
	3750	Outer_Full	14.45	19.71	/	Pass
	3792.495	Outer_Full	14.34	19.34	/	Pass
CP-OFDM 64 QAM	3707.505	Outer_Full	14.34	20.07	/	Pass
	3750	Outer_Full	14.40	19.95	/	Pass
	3792.495	Outer_Full	14.37	20.13	/	Pass
CP-OFDM 256 QAM	3707.505	Outer_Full	14.27	15.29	/	Pass
	3750	Outer_Full	14.28	15.30	/	Pass
	3792.495	Outer_Full	14.33	15.27	/	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 QPSK	3710.01	Outer_Full	18.14	19.35	/	Pass
	3750	Outer_Full	18.21	19.55	/	Pass
	3789.99	Outer_Full	18.07	19.32	/	Pass
DFT-s-OFDM 16 QAM	3710.01	Outer_Full	18.18	19.53	/	Pass
	3750	Outer_Full	18.18	19.50	/	Pass
	3789.99	Outer_Full	18.17	19.48	/	Pass
DFT-s-OFDM 64 QAM	3710.01	Outer_Full	18.12	19.52	/	Pass
	3750	Outer_Full	18.21	19.58	/	Pass
	3789.99	Outer_Full	18.16	19.84	/	Pass
DFT-s-OFDM 256 QAM	3710.01	Outer_Full	18.18	19.36	/	Pass
	3750	Outer_Full	18.14	19.64	/	Pass
	3789.99	Outer_Full	18.11	20.14	/	Pass
CP-OFDM QPSK	3710.01	Outer_Full	19.28	24.82	/	Pass
	3750	Outer_Full	19.28	25.97	/	Pass
	3789.99	Outer_Full	19.29	30.09	/	Pass
CP-OFDM 16 QAM	3710.01	Outer_Full	19.22	26.92	/	Pass
	3750	Outer_Full	19.33	27.77	/	Pass
	3789.99	Outer_Full	19.26	25.12	/	Pass
CP-OFDM 64 QAM	3710.01	Outer_Full	19.20	26.28	/	Pass
	3750	Outer_Full	19.24	25.48	/	Pass
	3789.99	Outer_Full	19.25	22.30	/	Pass
CP-OFDM 256 QAM	3710.01	Outer_Full	19.14	20.43	/	Pass
	3750	Outer_Full	19.14	20.42	/	Pass
	3789.99	Outer_Full	19.18	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 QPSK	3712.5	Outer_Full	23.07	24.78	/	Pass
	3750	Outer_Full	23.04	24.82	/	Pass
	3787.5	Outer_Full	23.10	24.65	/	Pass
DFT-s-OFDM 16 QAM	3712.5	Outer_Full	23.15	24.66	/	Pass
	3750	Outer_Full	23.12	24.71	/	Pass
	3787.5	Outer_Full	23.16	24.62	/	Pass
DFT-s-OFDM 64 QAM	3712.5	Outer_Full	23.02	24.82	/	Pass
	3750	Outer_Full	23.09	24.72	/	Pass
	3787.5	Outer_Full	23.11	24.69	/	Pass
DFT-s-OFDM 256 QAM	3712.5	Outer_Full	23.05	24.68	/	Pass
	3750	Outer_Full	23.11	24.66	/	Pass

	3787.5	Outer_Full	23.07	24.63	/	Pass
CP-OFDM QPSK	3712.5	Outer_Full	23.93	32.55	/	Pass
	3750	Outer_Full	24.04	33.38	/	Pass
	3787.5	Outer_Full	24.06	33.52	/	Pass
	3712.5	Outer_Full	24.04	31.58	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	24.08	31.76	/	Pass
	3787.5	Outer_Full	23.93	32.88	/	Pass
	3712.5	Outer_Full	24.03	31.72	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	24.02	31.73	/	Pass
	3787.5	Outer_Full	24.06	27.21	/	Pass
	3712.5	Outer_Full	23.91	25.61	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	23.83	25.49	/	Pass
	3787.5	Outer_Full	23.79	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 QPSK	3715.005	Outer_Full	28.92	30.89	/	Pass
	3750	Outer_Full	29.02	30.92	/	Pass
	3784.995	Outer_Full	28.88	30.85	/	Pass
DFT-s-OFDM 16 QAM	3715.005	Outer_Full	28.93	30.75	/	Pass
	3750	Outer_Full	28.93	30.83	/	Pass
	3784.995	Outer_Full	28.91	30.98	/	Pass
DFT-s-OFDM 64 QAM	3715.005	Outer_Full	28.84	30.77	/	Pass
	3750	Outer_Full	28.98	30.93	/	Pass
	3784.995	Outer_Full	29.06	30.82	/	Pass
DFT-s-OFDM 256 QAM	3715.005	Outer_Full	28.83	30.79	/	Pass
	3750	Outer_Full	28.84	30.83	/	Pass
	3784.995	Outer_Full	28.85	30.77	/	Pass
CP-OFDM QPSK	3715.005	Outer_Full	29.08	35.72	/	Pass
	3750	Outer_Full	29.10	37.53	/	Pass
	3784.995	Outer_Full	29.00	36.68	/	Pass
CP-OFDM 16 QAM	3715.005	Outer_Full	28.98	36.58	/	Pass
	3750	Outer_Full	29.00	41.97	/	Pass
	3784.995	Outer_Full	29.01	35.26	/	Pass
CP-OFDM 64 QAM	3715.005	Outer_Full	28.94	33.37	/	Pass
	3750	Outer_Full	29.00	35.07	/	Pass
	3784.995	Outer_Full	29.05	35.39	/	Pass
CP-OFDM 256 QAM	3715.005	Outer_Full	28.89	30.80	/	Pass
	3750	Outer_Full	28.87	30.86	/	Pass
	3784.995	Outer_Full	28.96	30.83	/	Pass

4.1.6 15k_SISO_40MHz_NTNV

5G NR n78a SCS=15kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3720	Outer_Full	38.98	41.53	/	Pass
	3750	Outer_Full	39.12	41.52	/	Pass
	3780	Outer_Full	39.15	41.57	/	Pass
DFT-s-OFDM 16 QAM	3720	Outer_Full	39.07	41.55	/	Pass
	3750	Outer_Full	39.17	41.37	/	Pass
	3780	Outer_Full	38.94	41.60	/	Pass
DFT-s-OFDM 64 QAM	3720	Outer_Full	39.03	41.61	/	Pass

	3750	Outer_Full	39.15	41.53	/	Pass
	3780	Outer_Full	39.06	41.62	/	Pass
DFT-s-OFDM 256 QAM	3720	Outer_Full	38.95	41.51	/	Pass
	3750	Outer_Full	38.97	41.48	/	Pass
	3780	Outer_Full	38.92	41.47	/	Pass
	3720	Outer_Full	39.25	54.03	/	Pass
CP-OFDM QPSK	3750	Outer_Full	39.22	48.15	/	Pass
	3780	Outer_Full	39.18	51.66	/	Pass
	3720	Outer_Full	39.10	45.39	/	Pass
	3750	Outer_Full	39.22	48.60	/	Pass
CP-OFDM 16 QAM	3780	Outer_Full	39.13	50.57	/	Pass
	3720	Outer_Full	39.07	46.39	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	39.10	49.31	/	Pass
	3780	Outer_Full	39.13	44.98	/	Pass
	3720	Outer_Full	39.01	41.48	/	Pass
	3750	Outer_Full	38.93	41.52	/	Pass
CP-OFDM 256 QAM	3780	Outer_Full	39.07	41.49	/	Pass

4.1.7 15k_SISO_50MHz_NTNV

5G NR n78a SCS=15kHz 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	48.46	51.90	/	Pass
	3750	Outer_Full	48.58	51.80	/	Pass
	3774.99	Outer_Full	48.67	51.83	/	Pass
DFT-s-OFDM 16 QAM	3725.01	Outer_Full	48.50	51.84	/	Pass
	3750	Outer_Full	48.55	51.83	/	Pass
	3774.99	Outer_Full	48.67	51.83	/	Pass
DFT-s-OFDM 64 QAM	3725.01	Outer_Full	48.63	51.89	/	Pass
	3750	Outer_Full	48.59	51.92	/	Pass
	3774.99	Outer_Full	48.60	52.00	/	Pass
DFT-s-OFDM 256 QAM	3725.01	Outer_Full	48.60	51.81	/	Pass
	3750	Outer_Full	48.77	51.75	/	Pass
	3774.99	Outer_Full	48.51	51.79	/	Pass
CP-OFDM QPSK	3725.01	Outer_Full	43.94	54.55	/	Pass
	3750	Outer_Full	43.93	53.22	/	Pass
	3774.99	Outer_Full	44.00	61.35	/	Pass
CP-OFDM 16 QAM	3725.01	Outer_Full	43.89	62.39	/	Pass
	3750	Outer_Full	44.00	61.77	/	Pass
	3774.99	Outer_Full	44.05	60.36	/	Pass
CP-OFDM 64 QAM	3725.01	Outer_Full	43.90	51.27	/	Pass
	3750	Outer_Full	43.83	53.02	/	Pass
	3774.99	Outer_Full	43.89	55.13	/	Pass
CP-OFDM 256 QAM	3725.01	Outer_Full	43.74	46.82	/	Pass
	3750	Outer_Full	43.80	46.78	/	Pass
	3774.99	Outer_Full	43.68	46.76	/	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	8.70	10.18	/	Pass
	3750	Outer_Full	8.78	9.37	/	Pass
	3795	Outer_Full	8.86	10.86	/	Pass

DFT-s-OFDM 16 QAM	3705	Outer_Full	8.82	9.82	/	Pass
	3750	Outer_Full	8.78	9.84	/	Pass
	3795	Outer_Full	8.68	9.96	/	Pass
DFT-s-OFDM 64 QAM	3705	Outer_Full	8.69	9.63	/	Pass
	3750	Outer_Full	8.75	9.54	/	Pass
	3795	Outer_Full	8.87	10.00	/	Pass
DFT-s-OFDM 256 QAM	3705	Outer_Full	8.69	10.01	/	Pass
	3750	Outer_Full	8.86	9.44	/	Pass
	3795	Outer_Full	8.66	10.24	/	Pass
CP-OFDM QPSK	3705	Outer_Full	8.84	9.44	/	Pass
	3750	Outer_Full	8.91	9.77	/	Pass
	3795	Outer_Full	8.86	9.48	/	Pass
CP-OFDM 16 QAM	3705	Outer_Full	8.94	9.46	/	Pass
	3750	Outer_Full	8.77	13.25	/	Pass
	3795	Outer_Full	8.84	9.40	/	Pass
CP-OFDM 64 QAM	3705	Outer_Full	8.71	11.83	/	Pass
	3750	Outer_Full	8.79	12.81	/	Pass
	3795	Outer_Full	8.72	10.14	/	Pass
CP-OFDM 256 QAM	3705	Outer_Full	8.84	9.18	/	Pass
	3750	Outer_Full	8.92	9.78	/	Pass
	3795	Outer_Full	8.92	9.44	/	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	13.28	14.95	/	Pass
	3750	Outer_Full	13.19	16.30	/	Pass
	3792.48	Outer_Full	13.14	15.03	/	Pass
DFT-s-OFDM 16 QAM	3707.52	Outer_Full	13.12	14.52	/	Pass
	3750	Outer_Full	13.29	14.29	/	Pass
	3792.48	Outer_Full	13.13	14.64	/	Pass
DFT-s-OFDM 64 QAM	3707.52	Outer_Full	13.34	14.55	/	Pass
	3750	Outer_Full	13.41	14.54	/	Pass
	3792.48	Outer_Full	13.32	14.66	/	Pass
DFT-s-OFDM 256 QAM	3707.52	Outer_Full	13.06	14.45	/	Pass
	3750	Outer_Full	13.09	14.46	/	Pass
	3792.48	Outer_Full	13.33	14.74	/	Pass
CP-OFDM QPSK	3707.52	Outer_Full	14.08	15.20	/	Pass
	3750	Outer_Full	13.99	14.68	/	Pass
	3792.48	Outer_Full	13.80	17.21	/	Pass
CP-OFDM 16 QAM	3707.52	Outer_Full	13.90	15.63	/	Pass
	3750	Outer_Full	13.82	20.77	/	Pass
	3792.48	Outer_Full	13.87	19.21	/	Pass
CP-OFDM 64 QAM	3707.52	Outer_Full	14.00	14.87	/	Pass
	3750	Outer_Full	14.02	16.74	/	Pass
	3792.48	Outer_Full	13.93	15.05	/	Pass
CP-OFDM 256 QAM	3707.52	Outer_Full	13.98	14.63	/	Pass
	3750	Outer_Full	14.05	14.53	/	Pass
	3792.48	Outer_Full	13.80	17.73	/	Pass

4.1.10 30k_SISO_20MHz_NTNV

5G NR n78a SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency	RB	99% Bandwidth	26dB Bandwidth	Limit	Verdict

	(MHz)	Allocation	(MHz)	(MHz)	(MHz)	
DFT-s-OFDM QPSK	3710.01	Outer_Full	18.42	19.23	/	Pass
	3750	Outer_Full	18.07	19.55	/	Pass
	3789.99	Outer_Full	18.18	20.45	/	Pass
DFT-s-OFDM 16 QAM	3710.01	Outer_Full	18.44	19.44	/	Pass
	3750	Outer_Full	18.19	20.79	/	Pass
	3789.99	Outer_Full	18.18	19.97	/	Pass
DFT-s-OFDM 64 QAM	3710.01	Outer_Full	18.46	19.49	/	Pass
	3750	Outer_Full	18.57	19.94	/	Pass
	3789.99	Outer_Full	18.20	19.50	/	Pass
DFT-s-OFDM 256 QAM	3710.01	Outer_Full	18.19	19.38	/	Pass
	3750	Outer_Full	18.21	19.42	/	Pass
	3789.99	Outer_Full	18.41	19.72	/	Pass
CP-OFDM QPSK	3710.01	Outer_Full	18.62	23.50	/	Pass
	3750	Outer_Full	18.63	24.87	/	Pass
	3789.99	Outer_Full	18.94	25.07	/	Pass
CP-OFDM 16 QAM	3710.01	Outer_Full	18.91	19.76	/	Pass
	3750	Outer_Full	18.59	21.68	/	Pass
	3789.99	Outer_Full	18.95	20.11	/	Pass
CP-OFDM 64 QAM	3710.01	Outer_Full	18.90	19.70	/	Pass
	3750	Outer_Full	18.64	19.67	/	Pass
	3789.99	Outer_Full	18.52	19.43	/	Pass
CP-OFDM 256 QAM	3710.01	Outer_Full	18.86	19.88	/	Pass
	3750	Outer_Full	18.78	20.34	/	Pass
	3789.99	Outer_Full	18.74	19.75	/	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	23.58	24.64	/	Pass
	3750	Outer_Full	23.59	24.50	/	Pass
	3787.5	Outer_Full	23.08	26.94	/	Pass
DFT-s-OFDM 16 QAM	3712.5	Outer_Full	23.15	24.36	/	Pass
	3750	Outer_Full	23.56	25.87	/	Pass
	3787.5	Outer_Full	23.25	24.85	/	Pass
DFT-s-OFDM 64 QAM	3712.5	Outer_Full	23.61	24.48	/	Pass
	3750	Outer_Full	23.23	25.00	/	Pass
	3787.5	Outer_Full	23.24	26.95	/	Pass
DFT-s-OFDM 256 QAM	3712.5	Outer_Full	23.21	27.71	/	Pass
	3750	Outer_Full	23.50	24.39	/	Pass
	3787.5	Outer_Full	23.19	24.75	/	Pass
CP-OFDM QPSK	3712.5	Outer_Full	24.02	24.99	/	Pass
	3750	Outer_Full	23.85	24.81	/	Pass
	3787.5	Outer_Full	23.62	32.42	/	Pass
CP-OFDM 16 QAM	3712.5	Outer_Full	23.92	24.97	/	Pass
	3750	Outer_Full	23.94	24.97	/	Pass
	3787.5	Outer_Full	23.89	25.06	/	Pass
CP-OFDM 64 QAM	3712.5	Outer_Full	23.68	24.71	/	Pass
	3750	Outer_Full	23.85	24.97	/	Pass
	3787.5	Outer_Full	23.52	24.71	/	Pass
CP-OFDM 256 QAM	3712.5	Outer_Full	23.81	25.78	/	Pass
	3750	Outer_Full	23.50	28.69	/	Pass
	3787.5	Outer_Full	23.45	27.27	/	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	27.74	28.89	/	Pass
	3750	Outer_Full	27.71	29.16	/	Pass
	3784.98	Outer_Full	27.32	29.28	/	Pass
DFT-s-OFDM 16 QAM	3715.02	Outer_Full	27.71	28.92	/	Pass
	3750	Outer_Full	27.34	29.26	/	Pass
	3784.98	Outer_Full	27.62	28.81	/	Pass
DFT-s-OFDM 64 QAM	3715.02	Outer_Full	27.39	29.15	/	Pass
	3750	Outer_Full	27.70	29.17	/	Pass
	3784.98	Outer_Full	27.39	29.34	/	Pass
DFT-s-OFDM 256 QAM	3715.02	Outer_Full	27.21	29.44	/	Pass
	3750	Outer_Full	27.18	29.48	/	Pass
	3784.98	Outer_Full	27.73	28.88	/	Pass
CP-OFDM QPSK	3715.02	Outer_Full	28.27	34.45	/	Pass
	3750	Outer_Full	28.33	31.91	/	Pass
	3784.98	Outer_Full	28.39	29.57	/	Pass
CP-OFDM 16 QAM	3715.02	Outer_Full	28.92	36.47	/	Pass
	3750	Outer_Full	28.29	36.29	/	Pass
	3784.98	Outer_Full	28.83	29.89	/	Pass
CP-OFDM 64 QAM	3715.02	Outer_Full	28.85	29.93	/	Pass
	3750	Outer_Full	28.35	36.05	/	Pass
	3784.98	Outer_Full	28.66	29.97	/	Pass
CP-OFDM 256 QAM	3715.02	Outer_Full	28.83	30.23	/	Pass
	3750	Outer_Full	28.08	29.79	/	Pass
	3784.98	Outer_Full	28.66	29.79	/	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	36.26	38.78	/	Pass
	3750	Outer_Full	36.87	38.37	/	Pass
	3780	Outer_Full	36.28	38.73	/	Pass
DFT-s-OFDM 16 QAM	3720	Outer_Full	36.94	38.75	/	Pass
	3750	Outer_Full	36.61	39.35	/	Pass
	3780	Outer_Full	36.32	39.40	/	Pass
DFT-s-OFDM 64 QAM	3720	Outer_Full	36.43	37.85	/	Pass
	3750	Outer_Full	36.35	39.07	/	Pass
	3780	Outer_Full	36.38	38.65	/	Pass
DFT-s-OFDM 256 QAM	3720	Outer_Full	37.02	38.57	/	Pass
	3750	Outer_Full	36.77	38.55	/	Pass
	3780	Outer_Full	36.04	37.56	/	Pass
CP-OFDM QPSK	3720	Outer_Full	38.50	57.86	/	Pass
	3750	Outer_Full	39.01	40.67	/	Pass
	3780	Outer_Full	39.20	40.60	/	Pass
CP-OFDM 16 QAM	3720	Outer_Full	39.24	40.96	/	Pass
	3750	Outer_Full	39.15	48.39	/	Pass
	3780	Outer_Full	38.36	48.88	/	Pass
CP-OFDM 64 QAM	3720	Outer_Full	39.07	40.80	/	Pass
	3750	Outer_Full	38.55	46.44	/	Pass
	3780	Outer_Full	38.54	49.22	/	Pass
CP-OFDM 256 QAM	3720	Outer_Full	39.25	40.54	/	Pass

	3750	Outer_Full	38.94	40.51	/	Pass
	3780	Outer_Full	38.67	39.70	/	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	47.13	49.42	/	Pass
	3750	Outer_Full	46.23	49.53	/	Pass
	3774.99	Outer_Full	46.17	49.41	/	Pass
DFT-s-OFDM 16 QAM	3725.01	Outer_Full	46.66	48.34	/	Pass
	3750	Outer_Full	46.28	48.45	/	Pass
	3774.99	Outer_Full	46.25	49.46	/	Pass
DFT-s-OFDM 64 QAM	3725.01	Outer_Full	47.26	49.43	/	Pass
	3750	Outer_Full	46.16	49.16	/	Pass
	3774.99	Outer_Full	46.13	48.73	/	Pass
DFT-s-OFDM 256 QAM	3725.01	Outer_Full	47.00	48.37	/	Pass
	3750	Outer_Full	47.06	48.96	/	Pass
	3774.99	Outer_Full	46.26	49.41	/	Pass
CP-OFDM QPSK	3725.01	Outer_Full	48.99	50.83	/	Pass
	3750	Outer_Full	48.06	61.17	/	Pass
	3774.99	Outer_Full	49.04	51.17	/	Pass
CP-OFDM 16 QAM	3725.01	Outer_Full	49.00	51.01	/	Pass
	3750	Outer_Full	48.62	50.92	/	Pass
	3774.99	Outer_Full	48.85	50.92	/	Pass
CP-OFDM 64 QAM	3725.01	Outer_Full	48.96	51.17	/	Pass
	3750	Outer_Full	48.81	50.91	/	Pass
	3774.99	Outer_Full	48.08	59.64	/	Pass
CP-OFDM 256 QAM	3725.01	Outer_Full	48.48	50.27	/	Pass
	3750	Outer_Full	48.74	50.63	/	Pass
	3774.99	Outer_Full	48.75	50.70	/	Pass

4.1.15 30k_SISO_60MHz_NTNV

5G NR n78a SCS=30kHz SISO 60MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3730.02	Outer_Full	59.21	62.15	/	Pass
	3750	Outer_Full	58.27	62.25	/	Pass
	3769.98	Outer_Full	59.14	61.17	/	Pass
DFT-s-OFDM 16 QAM	3730.02	Outer_Full	58.21	62.24	/	Pass
	3750	Outer_Full	58.53	61.13	/	Pass
	3769.98	Outer_Full	58.36	62.32	/	Pass
DFT-s-OFDM 64 QAM	3730.02	Outer_Full	59.41	62.16	/	Pass
	3750	Outer_Full	59.15	61.58	/	Pass
	3769.98	Outer_Full	58.33	62.38	/	Pass
DFT-s-OFDM 256 QAM	3730.02	Outer_Full	59.46	62.00	/	Pass
	3750	Outer_Full	59.51	62.14	/	Pass
	3769.98	Outer_Full	59.63	62.02	/	Pass
CP-OFDM QPSK	3730.02	Outer_Full	58.33	62.01	/	Pass
	3750	Outer_Full	58.40	68.82	/	Pass
	3769.98	Outer_Full	59.33	61.55	/	Pass
CP-OFDM 16 QAM	3730.02	Outer_Full	59.58	62.01	/	Pass
	3750	Outer_Full	59.52	61.78	/	Pass
	3769.98	Outer_Full	59.70	61.84	/	Pass

CP-OFDM 64 QAM	3730.02	Outer_Full	59.42	61.99	/	Pass
	3750	Outer_Full	58.50	71.01	/	Pass
	3769.98	Outer_Full	59.36	62.01	/	Pass
CP-OFDM 256 QAM	3730.02	Outer_Full	58.24	62.28	/	Pass
	3750	Outer_Full	59.43	61.83	/	Pass
	3769.98	Outer_Full	58.30	62.06	/	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	66.14	69.23	/	Pass
	3750	Outer_Full	65.02	69.69	/	Pass
	3765	Outer_Full	65.19	69.92	/	Pass
DFT-s-OFDM 16 QAM	3735	Outer_Full	66.48	69.18	/	Pass
	3750	Outer_Full	65.08	69.68	/	Pass
	3765	Outer_Full	66.44	69.36	/	Pass
DFT-s-OFDM 64 QAM	3735	Outer_Full	66.35	69.34	/	Pass
	3750	Outer_Full	65.26	69.78	/	Pass
	3765	Outer_Full	65.06	70.67	/	Pass
DFT-s-OFDM 256 QAM	3735	Outer_Full	64.87	68.00	/	Pass
	3750	Outer_Full	66.50	69.09	/	Pass
	3765	Outer_Full	66.64	69.91	/	Pass
CP-OFDM QPSK	3735	Outer_Full	69.87	72.69	/	Pass
	3750	Outer_Full	69.76	72.52	/	Pass
	3765	Outer_Full	68.62	86.98	/	Pass
CP-OFDM 16 QAM	3735	Outer_Full	68.61	76.52	/	Pass
	3750	Outer_Full	69.12	72.48	/	Pass
	3765	Outer_Full	68.38	71.49	/	Pass
CP-OFDM 64 QAM	3735	Outer_Full	69.83	72.67	/	Pass
	3750	Outer_Full	68.48	78.77	/	Pass
	3765	Outer_Full	69.91	73.07	/	Pass
CP-OFDM 256 QAM	3735	Outer_Full	69.48	72.35	/	Pass
	3750	Outer_Full	68.61	70.75	/	Pass
	3765	Outer_Full	69.44	72.37	/	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	77.80	82.71	/	Pass
	3750	Outer_Full	77.86	82.87	/	Pass
	3759.99	Outer_Full	77.76	82.91	/	Pass
DFT-s-OFDM 16 QAM	3740.01	Outer_Full	78.87	81.48	/	Pass
	3750	Outer_Full	79.19	82.57	/	Pass
	3759.99	Outer_Full	79.49	82.72	/	Pass
DFT-s-OFDM 64 QAM	3740.01	Outer_Full	77.44	83.07	/	Pass
	3750	Outer_Full	79.29	82.77	/	Pass
	3759.99	Outer_Full	77.41	82.93	/	Pass
DFT-s-OFDM 256 QAM	3740.01	Outer_Full	79.42	82.60	/	Pass
	3750	Outer_Full	77.52	82.75	/	Pass
	3759.99	Outer_Full	77.58	82.75	/	Pass
CP-OFDM QPSK	3740.01	Outer_Full	78.47	82.77	/	Pass
	3750	Outer_Full	78.01	82.19	/	Pass

	3759.99	Outer_Full	78.31	97.24	/	Pass
CP-OFDM 16 QAM	3740.01	Outer_Full	79.46	83.21	/	Pass
	3750	Outer_Full	78.23	95.19	/	Pass
	3759.99	Outer_Full	78.43	95.60	/	Pass
	3740.01	Outer_Full	79.90	83.39	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	78.12	90.20	/	Pass
	3759.99	Outer_Full	77.58	83.22	/	Pass
	3740.01	Outer_Full	78.04	83.30	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	78.04	83.23	/	Pass
	3759.99	Outer_Full	77.98	83.22	/	Pass

4.1.18 30k_SISO_90MHz_NTNV

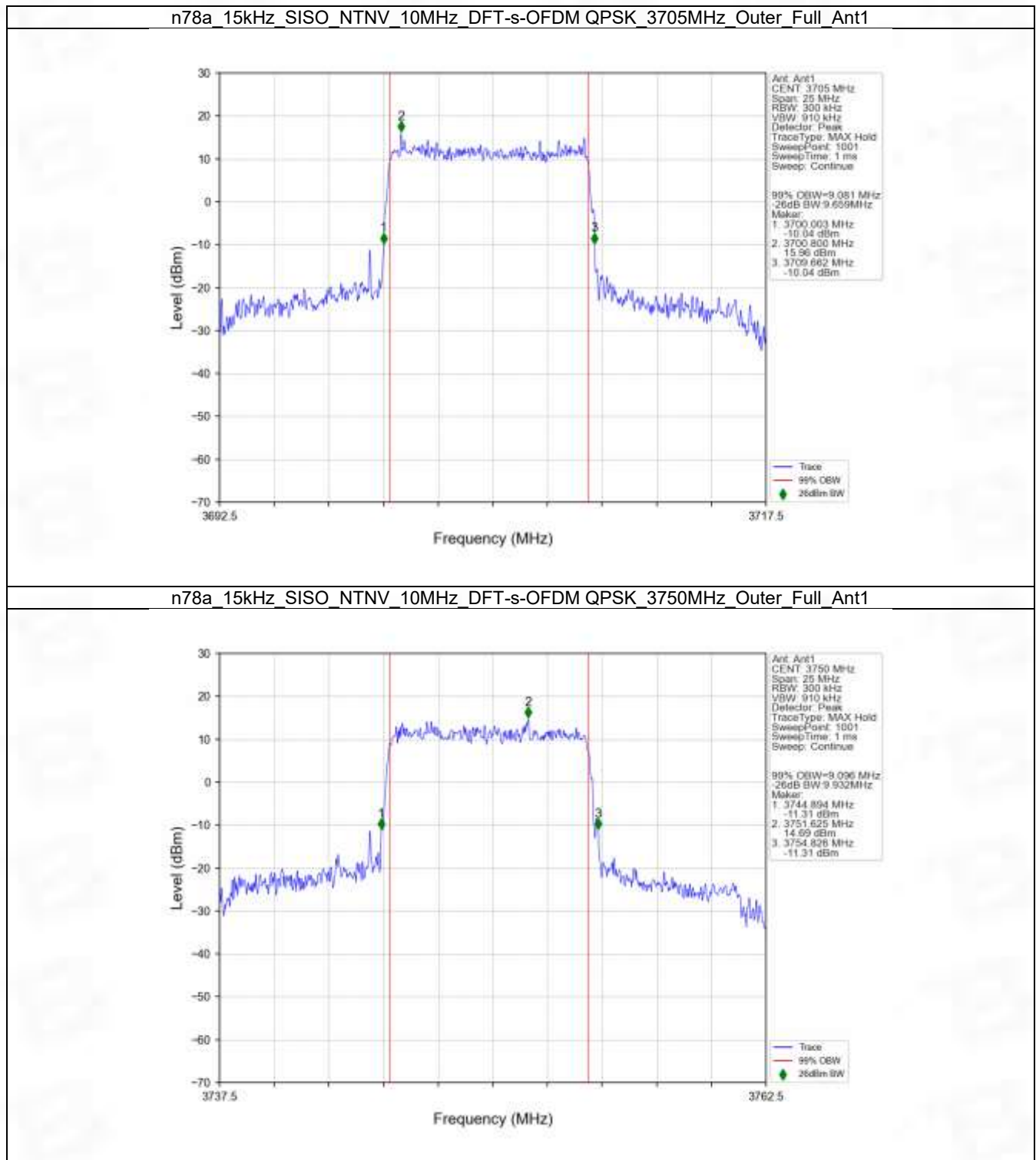
5G NR n78a SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3745.02	Outer_Full	87.25	93.21	/	Pass
	3750	Outer_Full	87.24	94.44	/	Pass
	3754.98	Outer_Full	89.16	93.12	/	Pass
DFT-s-OFDM 16 QAM	3745.02	Outer_Full	89.19	93.08	/	Pass
	3750	Outer_Full	89.48	93.67	/	Pass
	3754.98	Outer_Full	87.51	91.31	/	Pass
DFT-s-OFDM 64 QAM	3745.02	Outer_Full	89.30	92.77	/	Pass
	3750	Outer_Full	89.18	93.20	/	Pass
	3754.98	Outer_Full	89.10	93.03	/	Pass
DFT-s-OFDM 256 QAM	3745.02	Outer_Full	89.27	93.22	/	Pass
	3750	Outer_Full	87.39	93.04	/	Pass
	3754.98	Outer_Full	89.59	94.47	/	Pass
CP-OFDM QPSK	3745.02	Outer_Full	89.97	94.23	/	Pass
	3750	Outer_Full	88.31	94.00	/	Pass
	3754.98	Outer_Full	87.24	93.70	/	Pass
CP-OFDM 16 QAM	3745.02	Outer_Full	88.15	98.86	/	Pass
	3750	Outer_Full	88.38	97.39	/	Pass
	3754.98	Outer_Full	88.06	97.30	/	Pass
CP-OFDM 64 QAM	3745.02	Outer_Full	87.51	93.71	/	Pass
	3750	Outer_Full	88.39	91.97	/	Pass
	3754.98	Outer_Full	88.11	99.43	/	Pass
CP-OFDM 256 QAM	3745.02	Outer_Full	89.83	93.23	/	Pass
	3750	Outer_Full	88.31	91.26	/	Pass
	3754.98	Outer_Full	89.82	93.45	/	Pass

4.1.19 30k_SISO_100MHz_NTNV

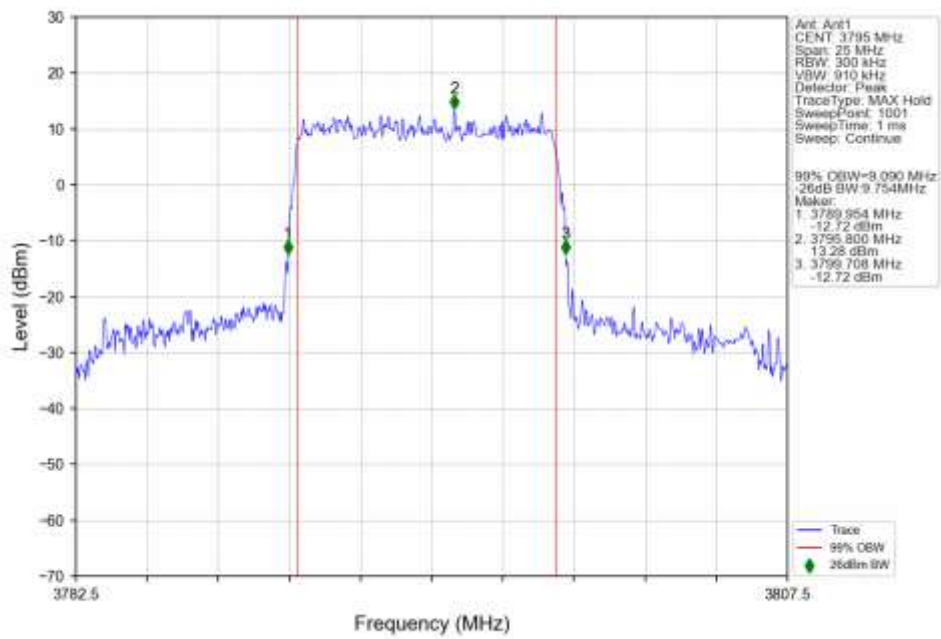
5G NR n78a SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3750	Outer_Full	99.12	103.92	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	96.64	102.97	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	98.81	103.50	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	96.99	103.54	/	Pass
CP-OFDM QPSK	3750	Outer_Full	98.69	104.50	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	98.60	124.84	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	99.96	104.89	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	98.52	104.16	/	Pass

4.2 Test Graph

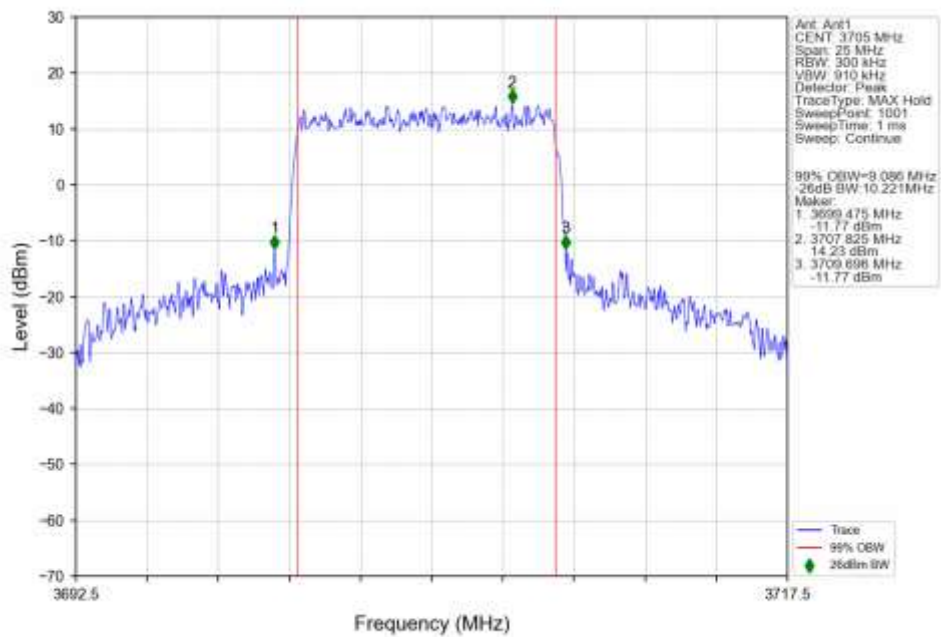
4.2.1 15k_SISO_10MHz_NTNV



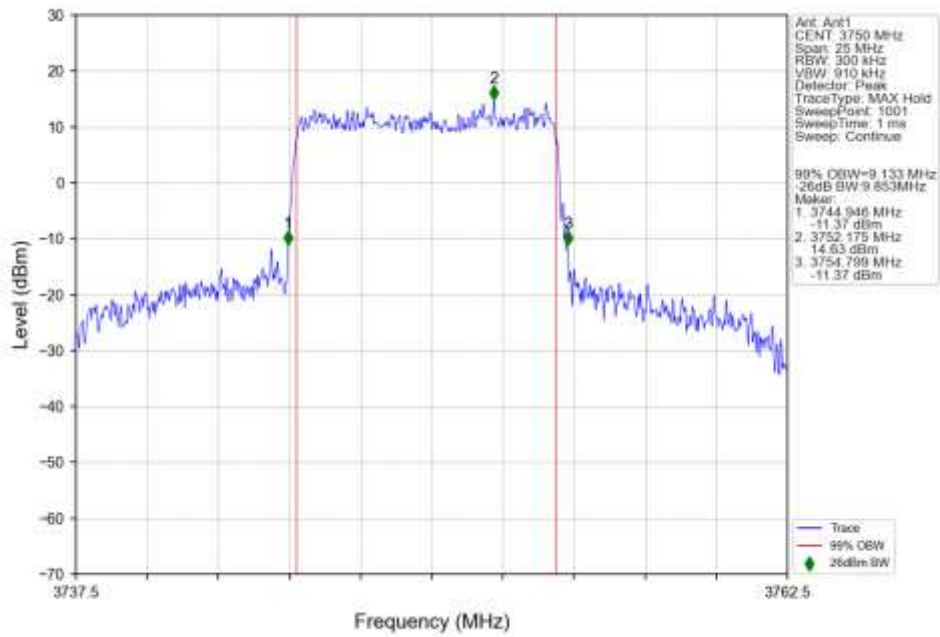
n78a 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3795MHz Outer Full Ant1



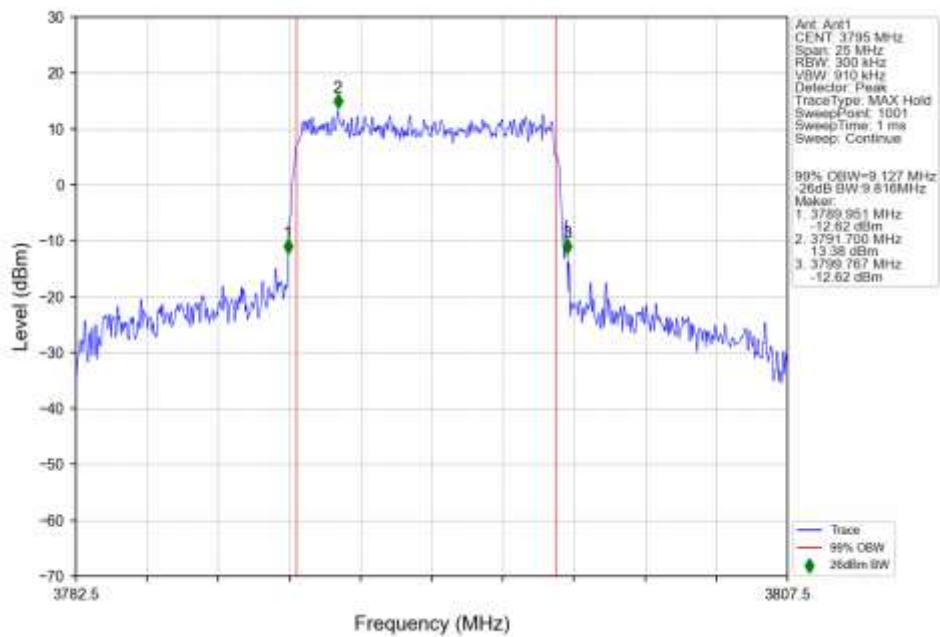
n78a 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 3705MHz Outer Full Ant1



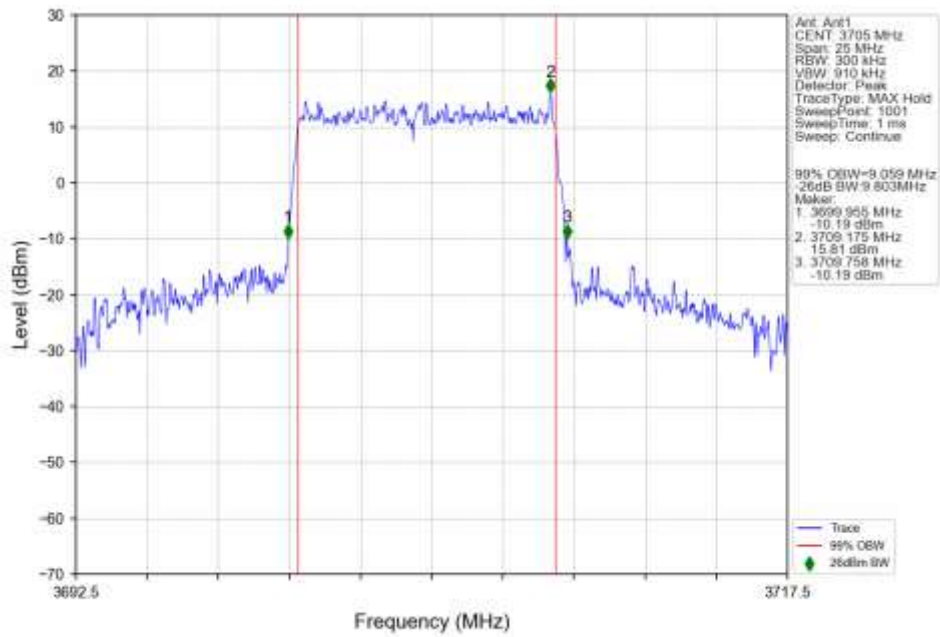
n78a 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 3750MHz Outer Full Ant1



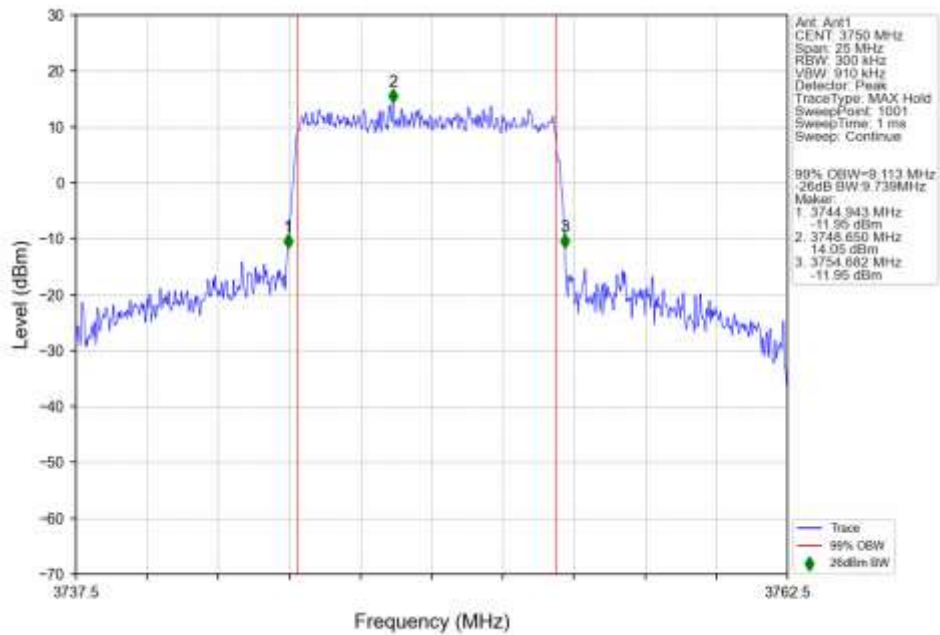
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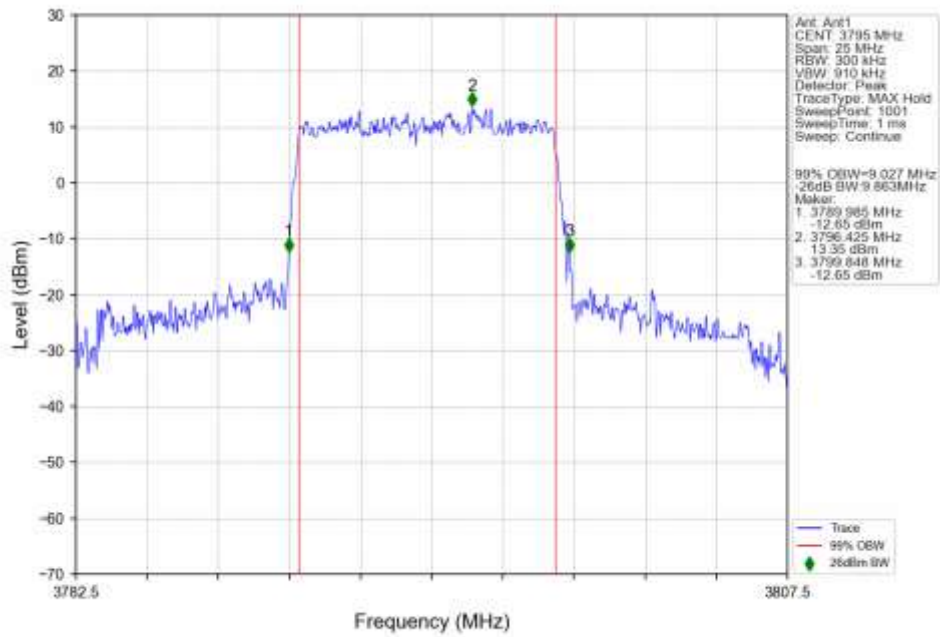
n78a 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 3705MHz Outer Full Ant1



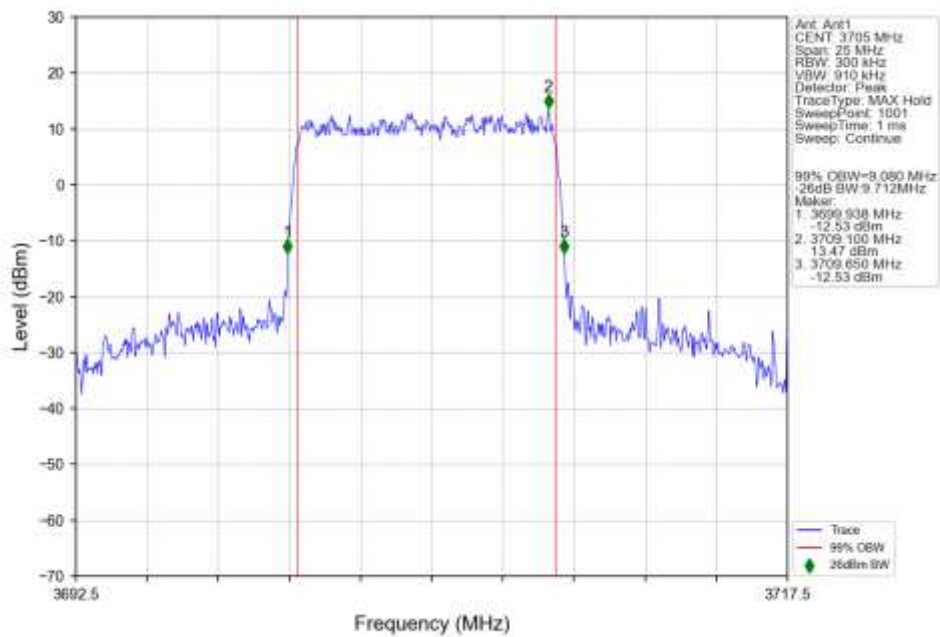
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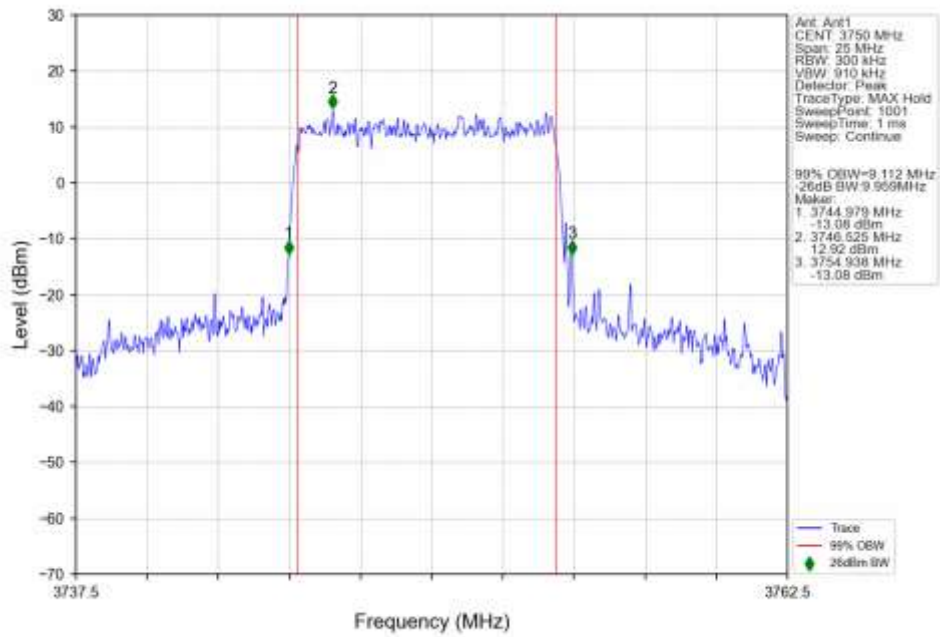
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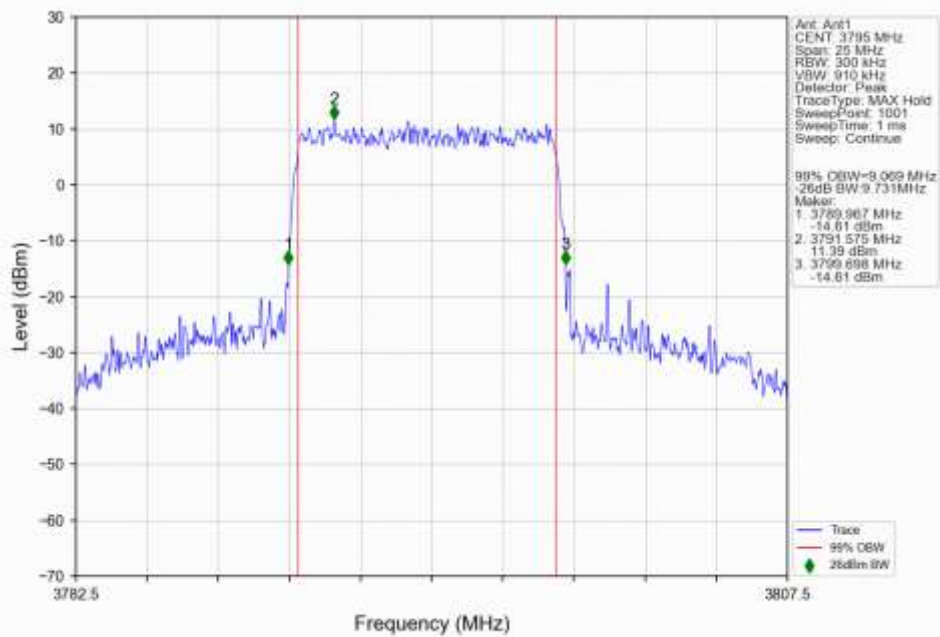
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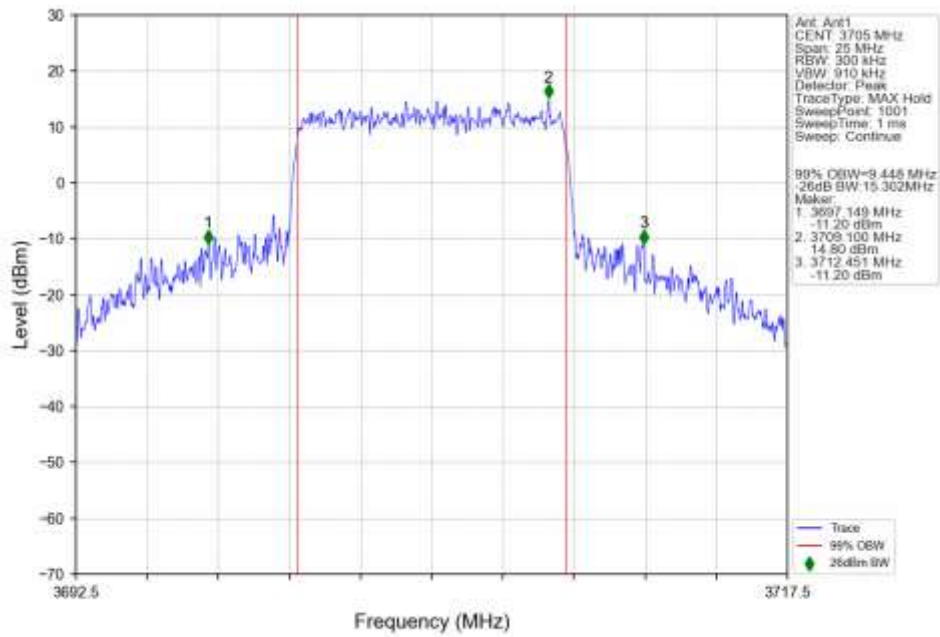
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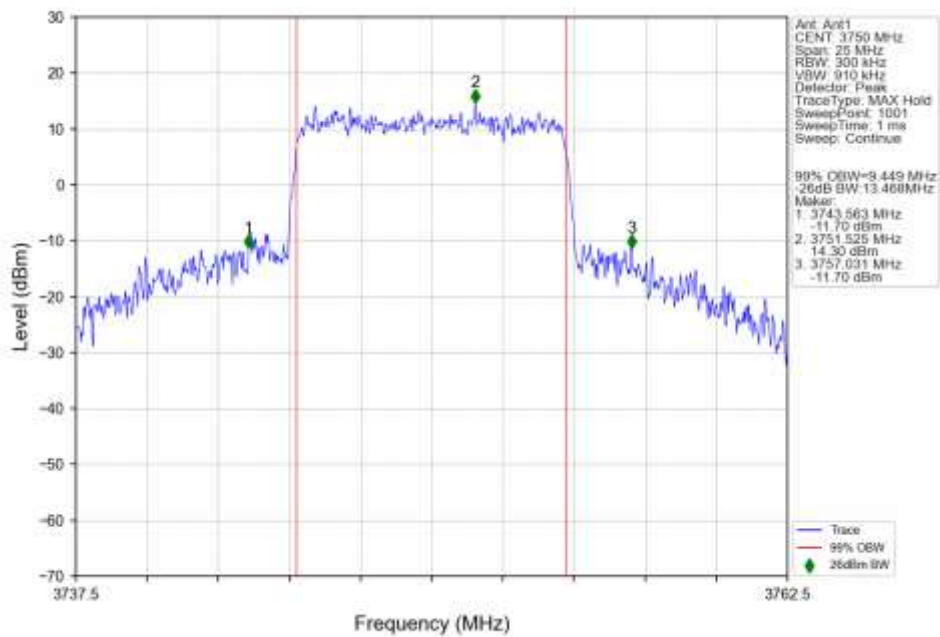
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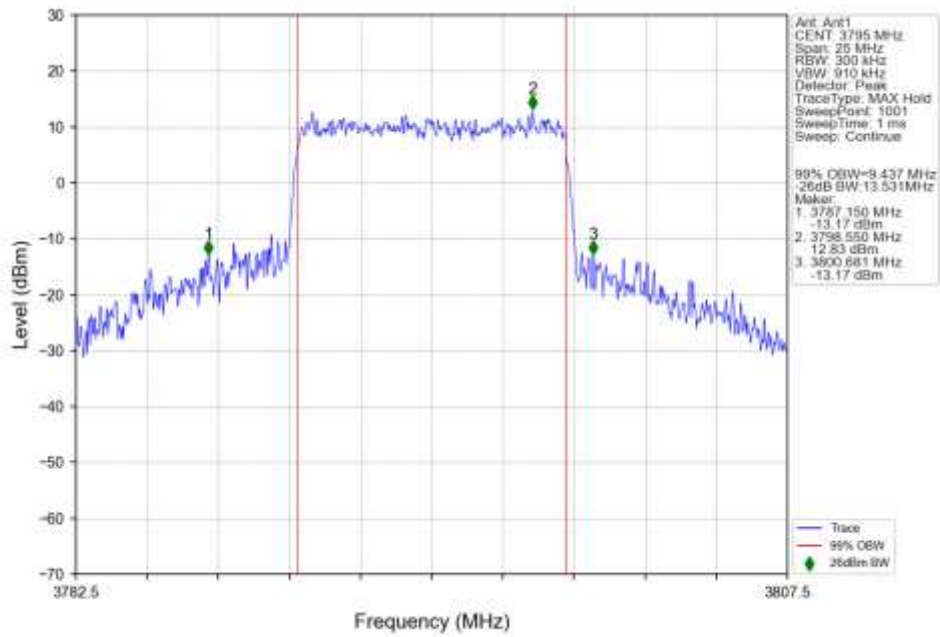
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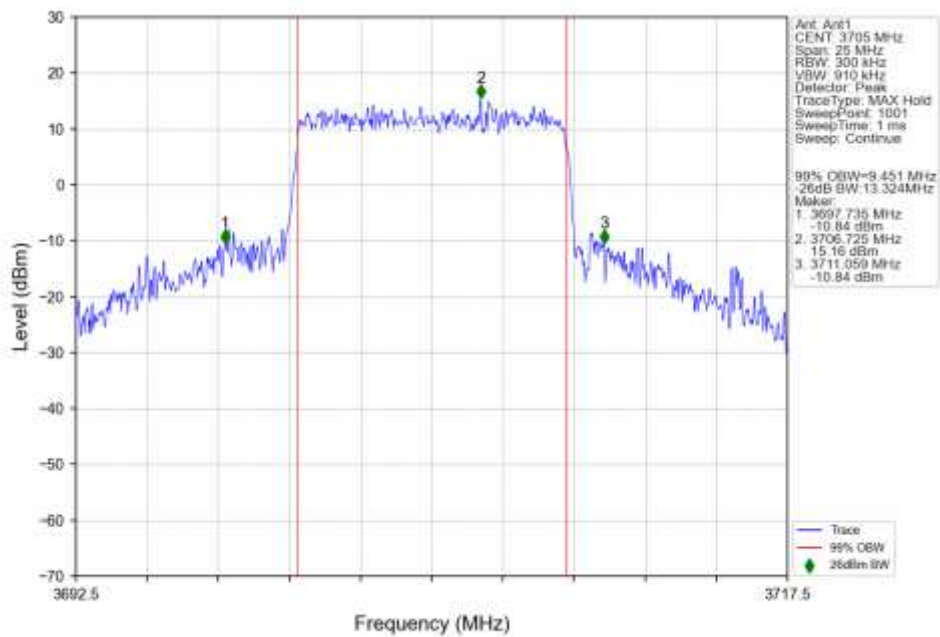
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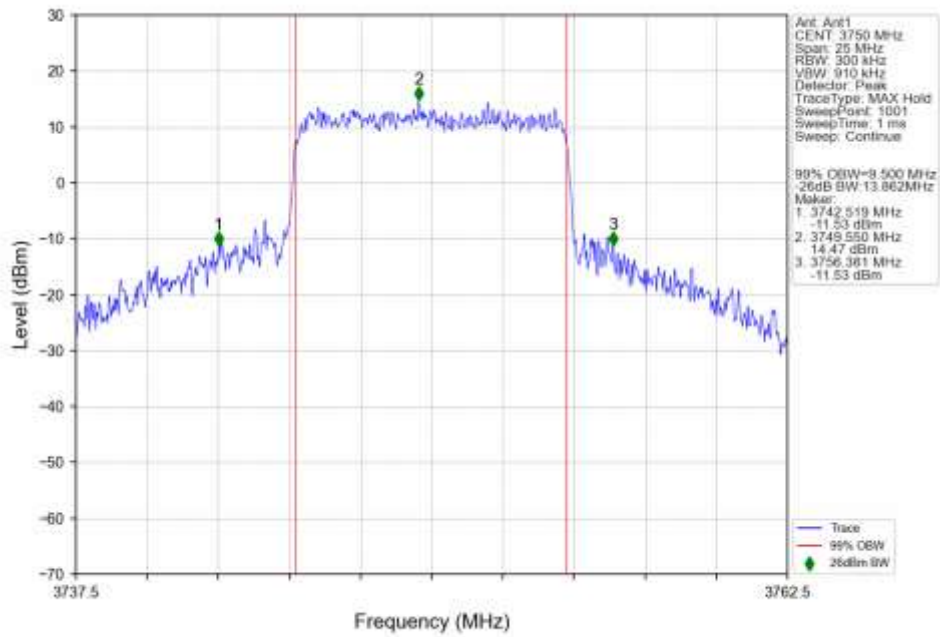
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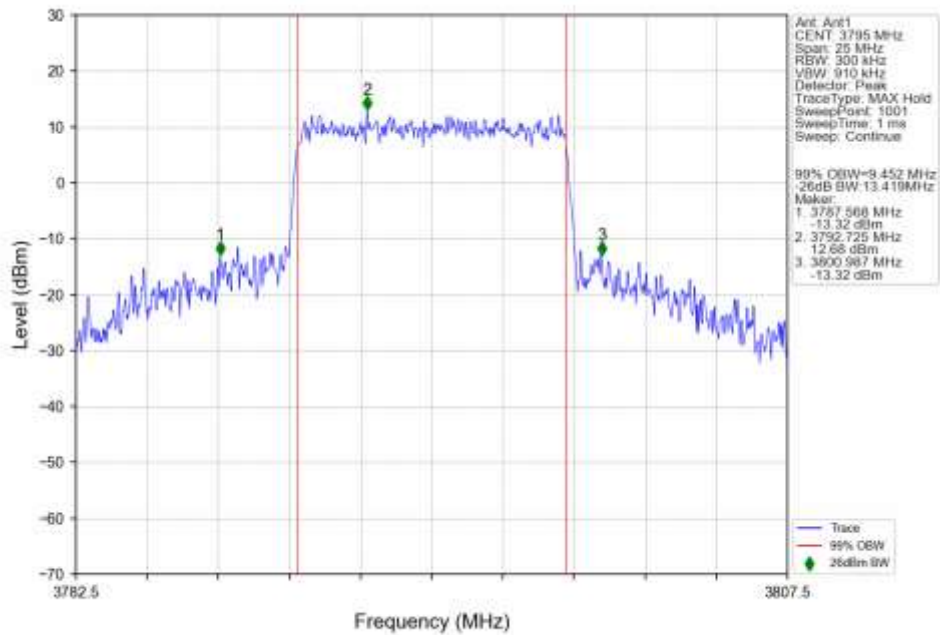
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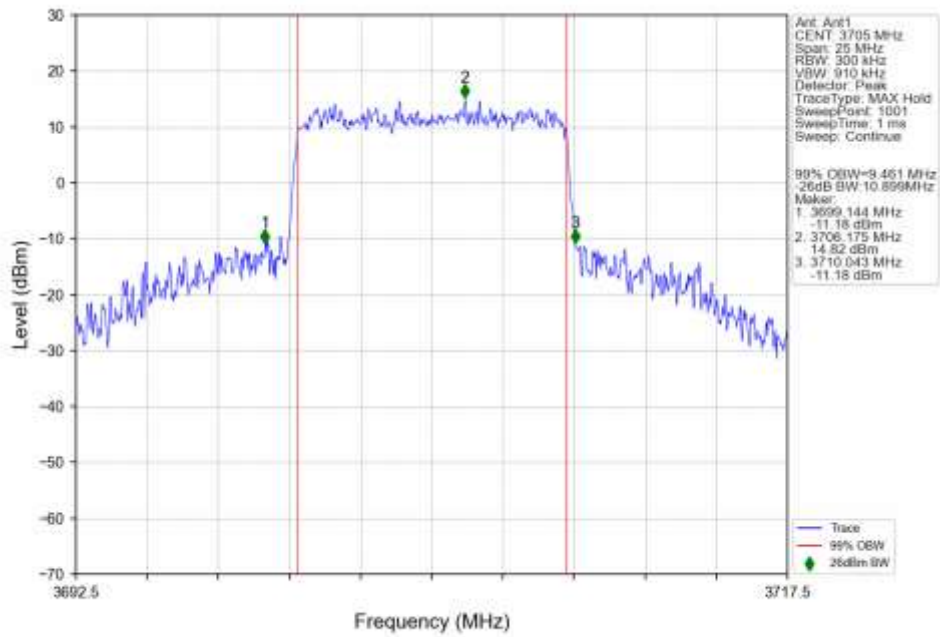
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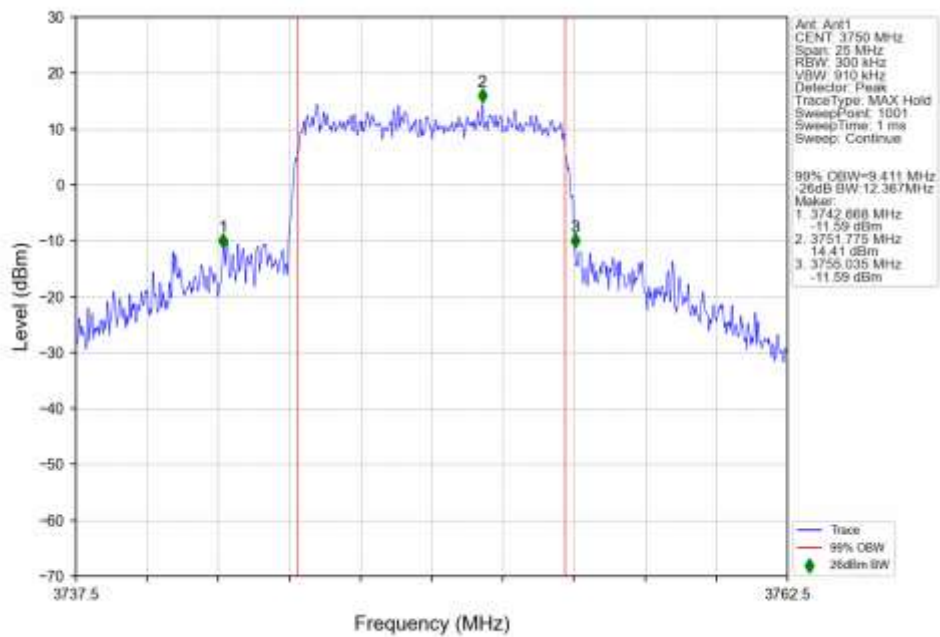
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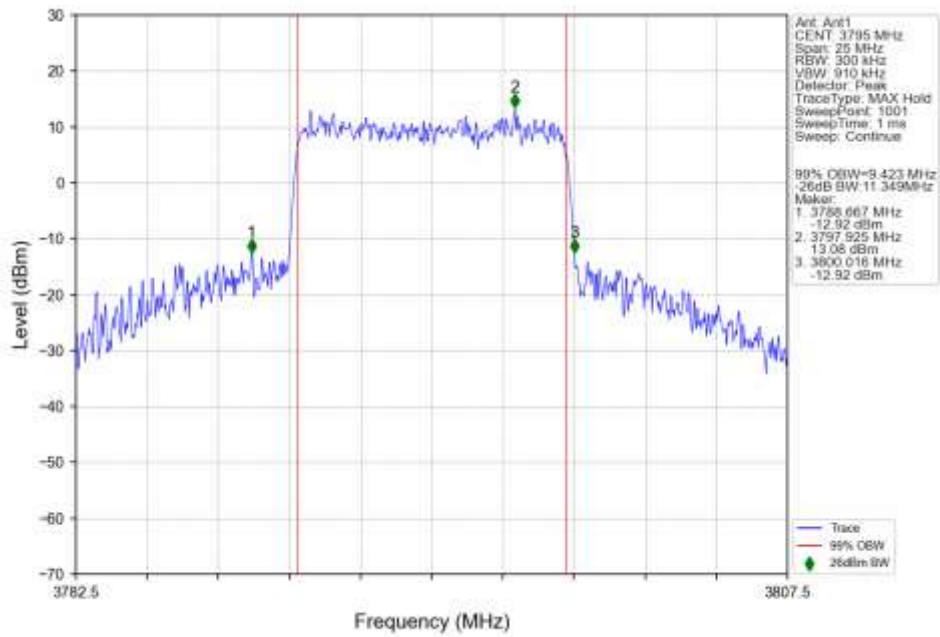
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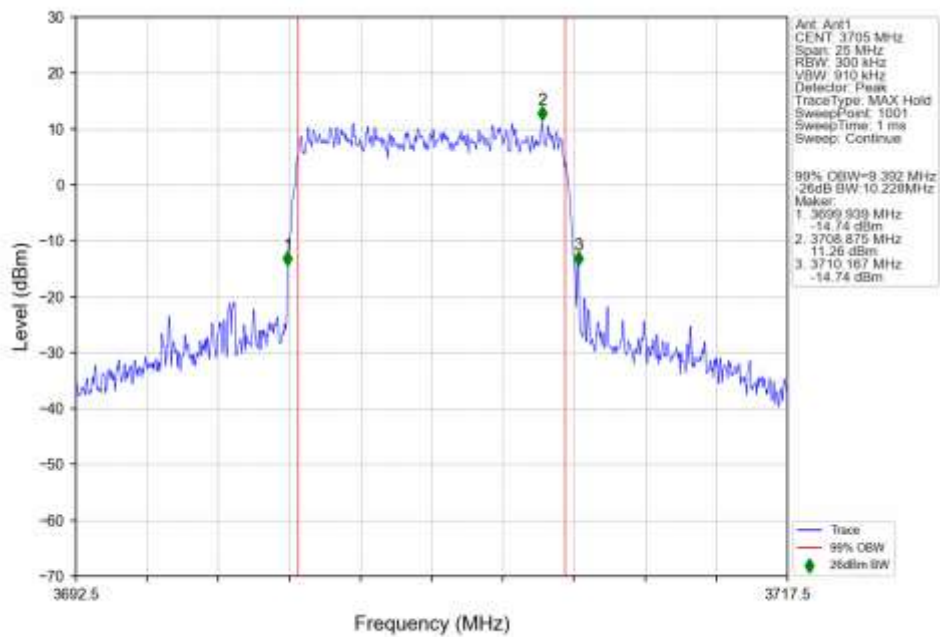
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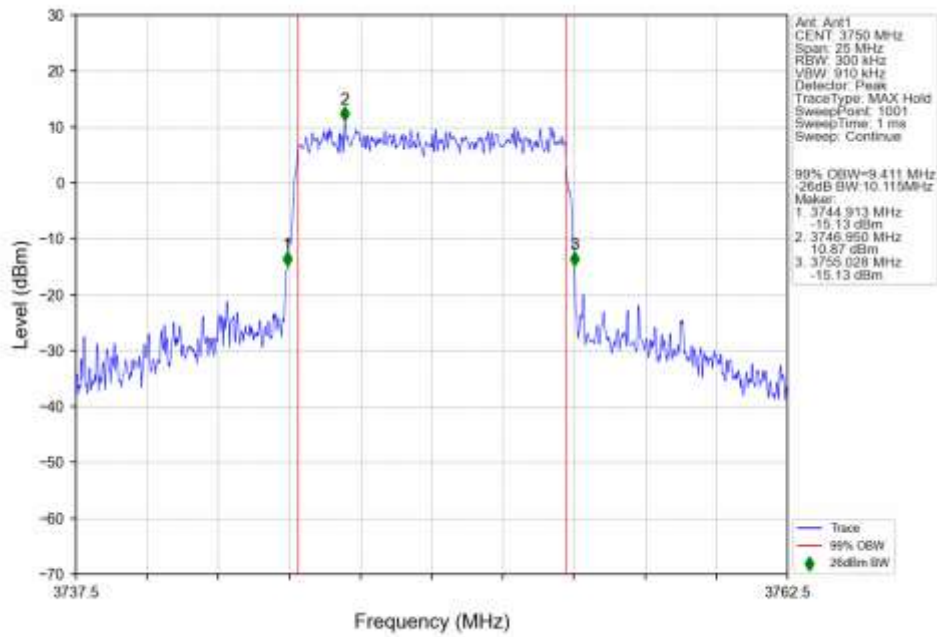
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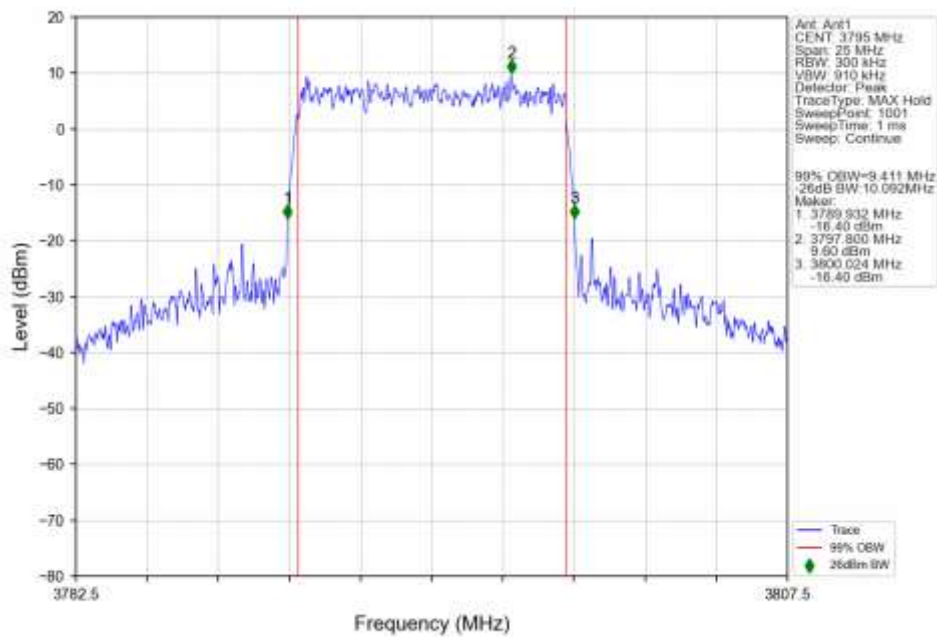
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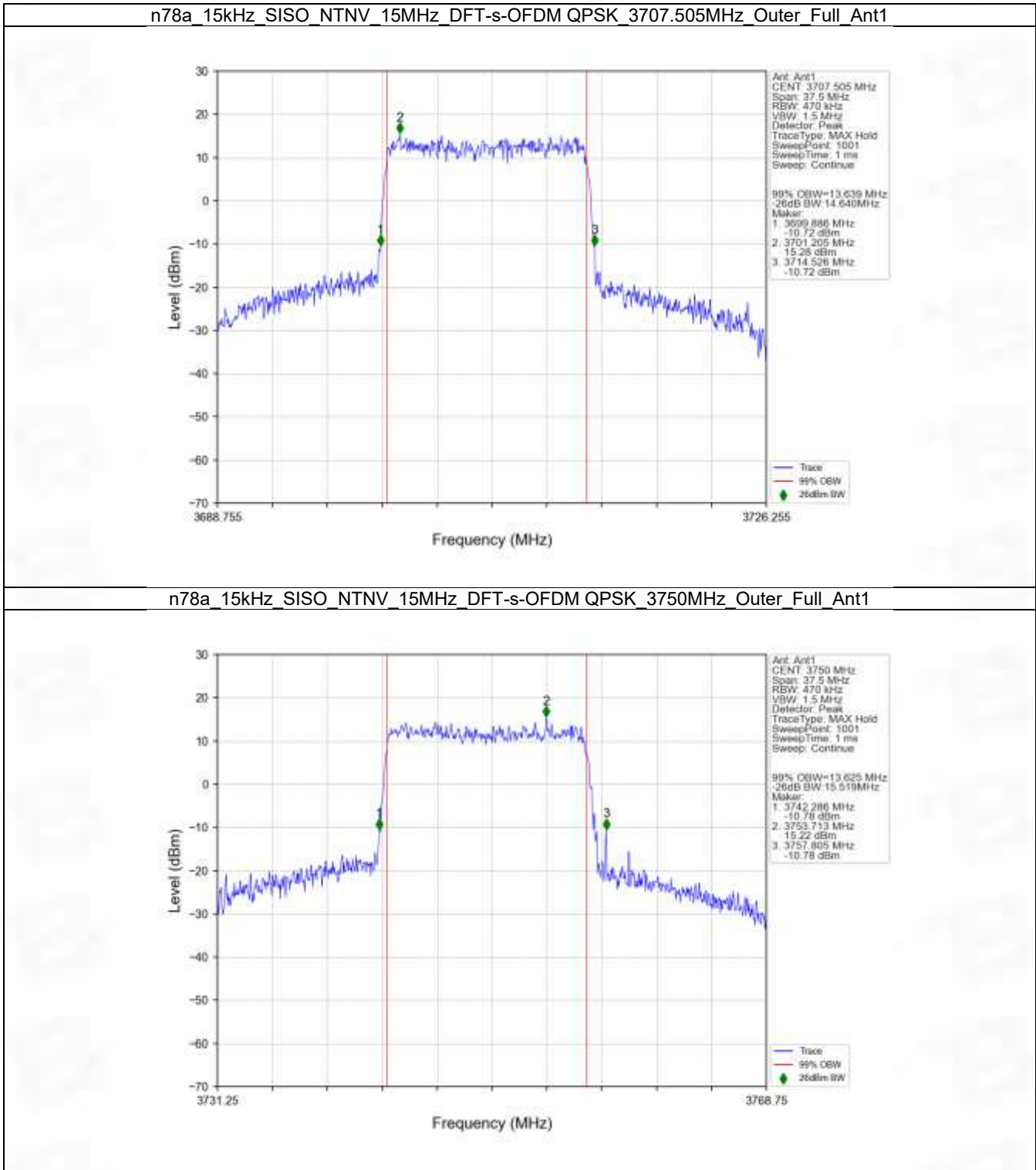
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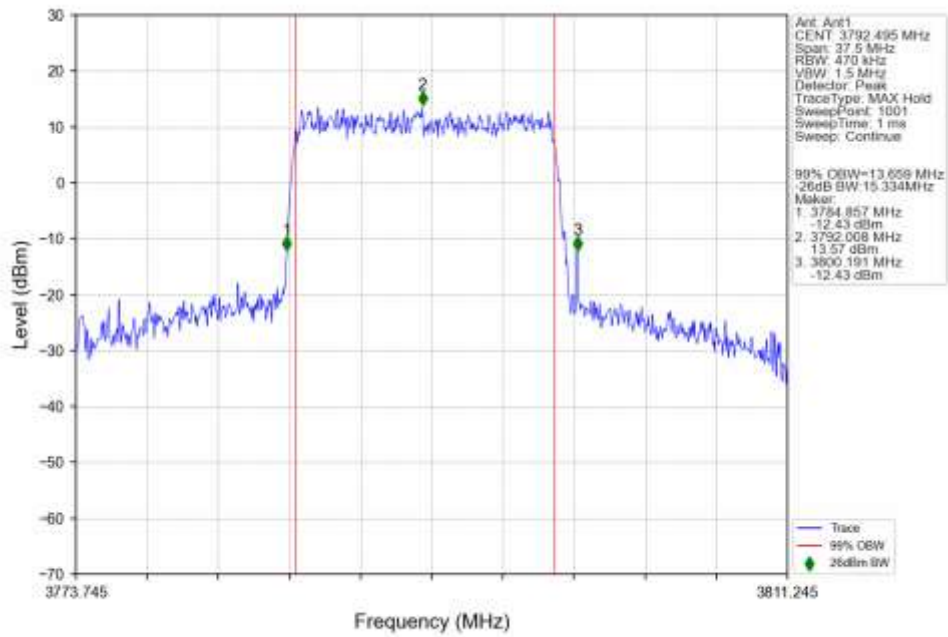
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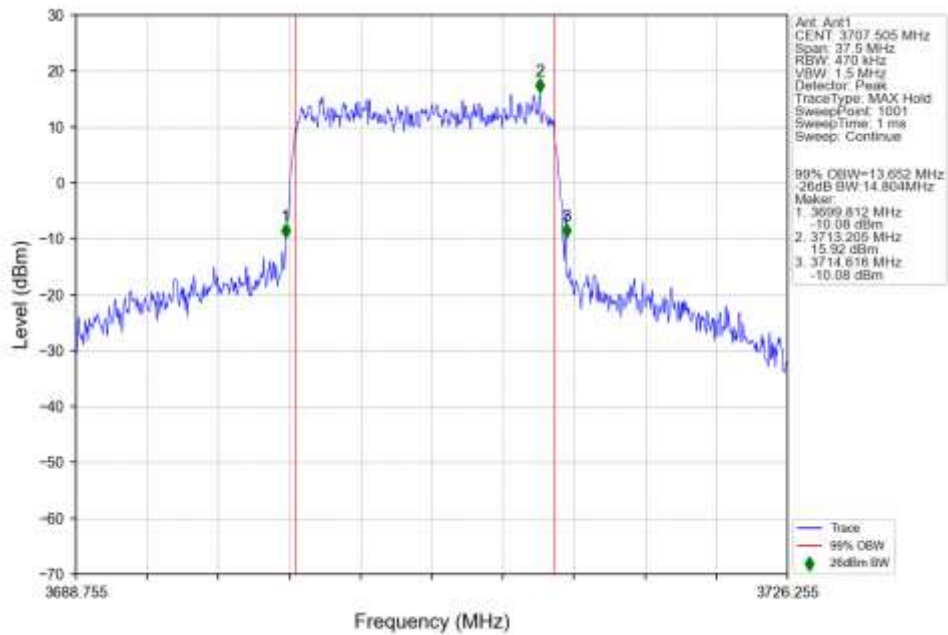
4.2.2 15k_SISO_15MHz_NTNV



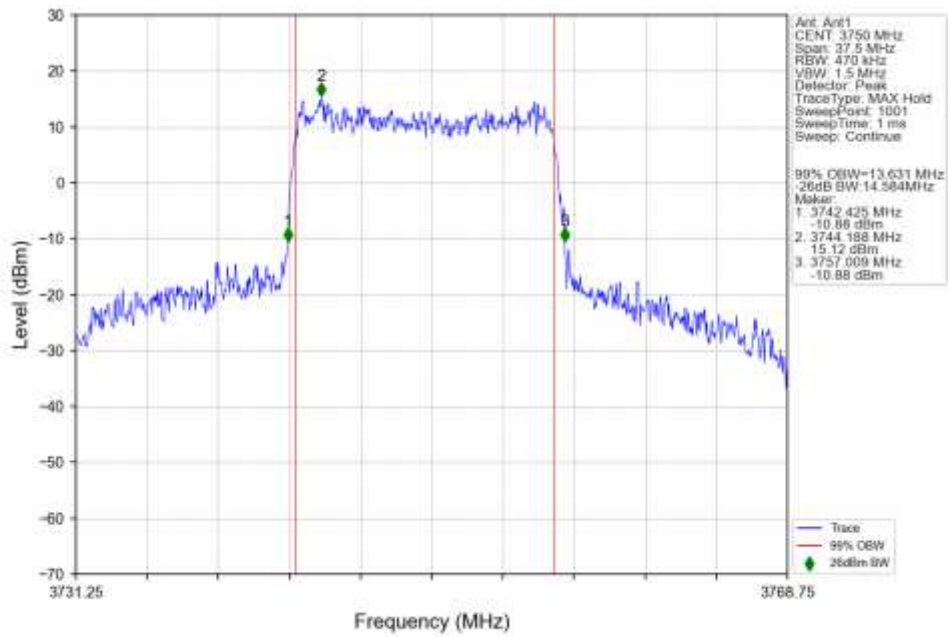
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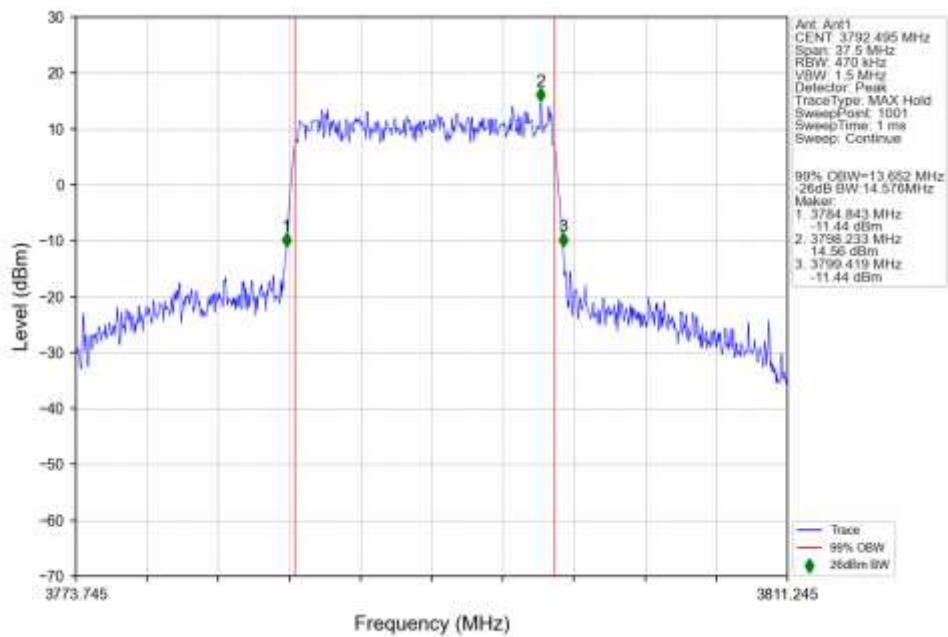
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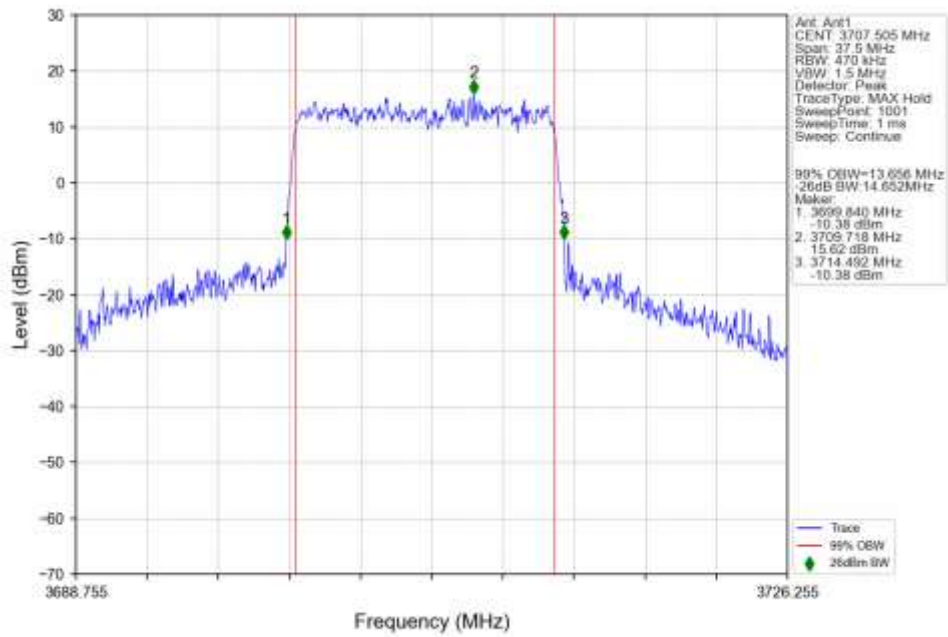
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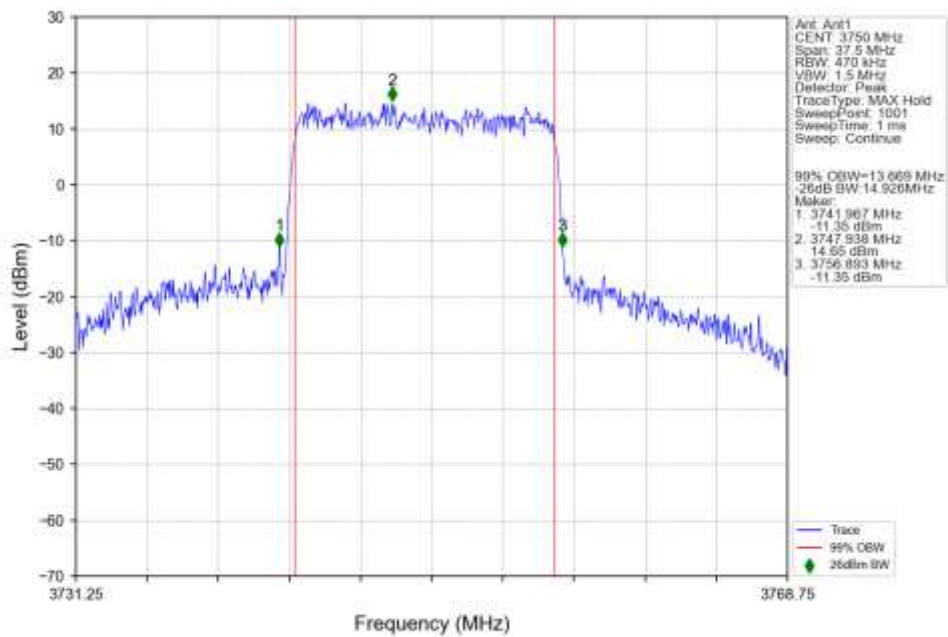
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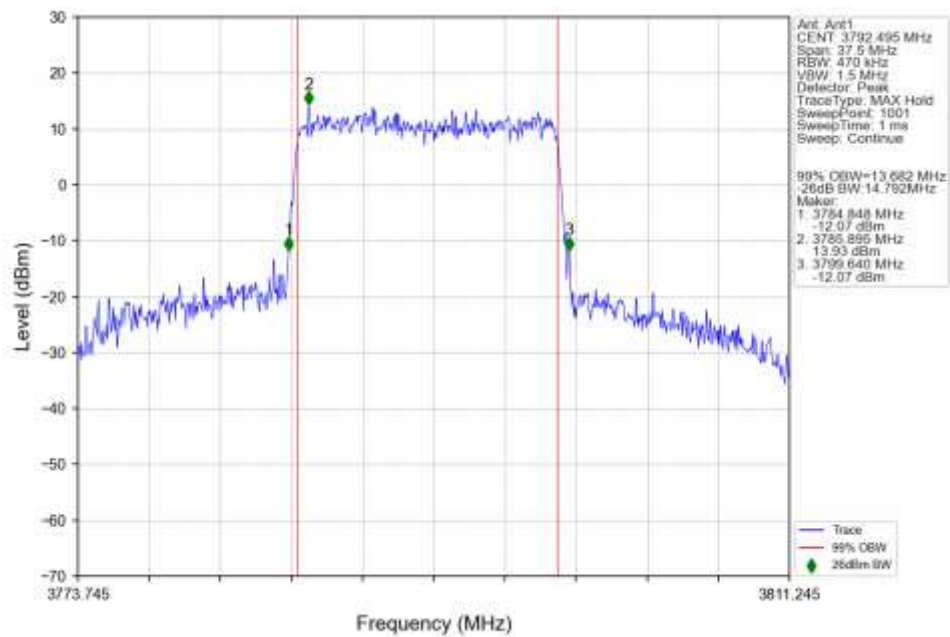
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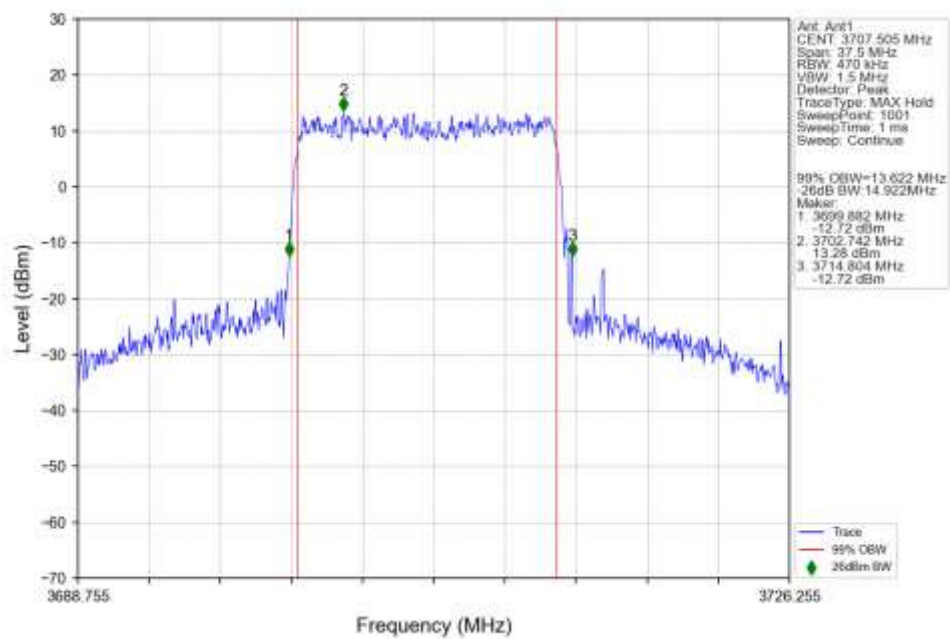
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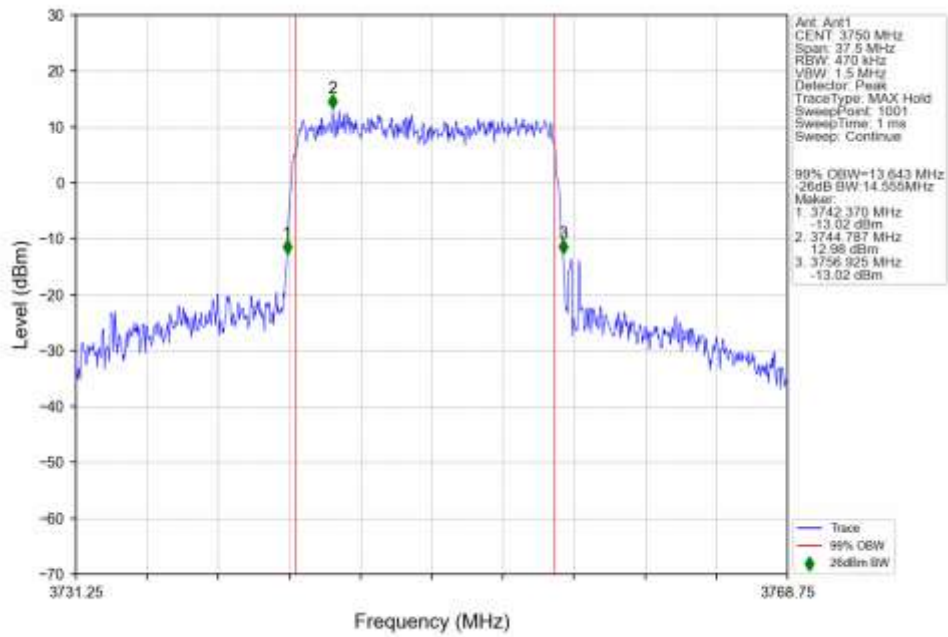
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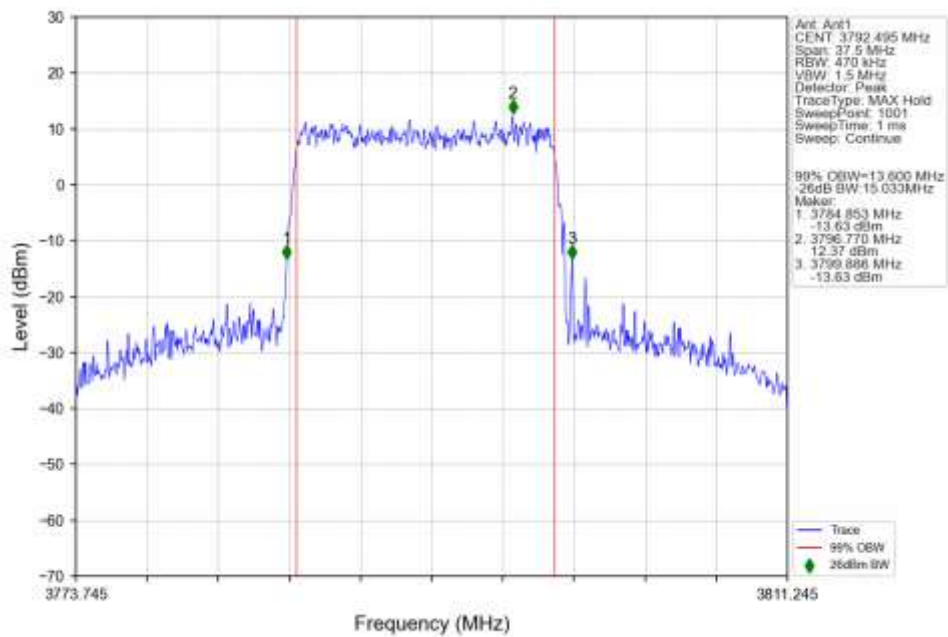
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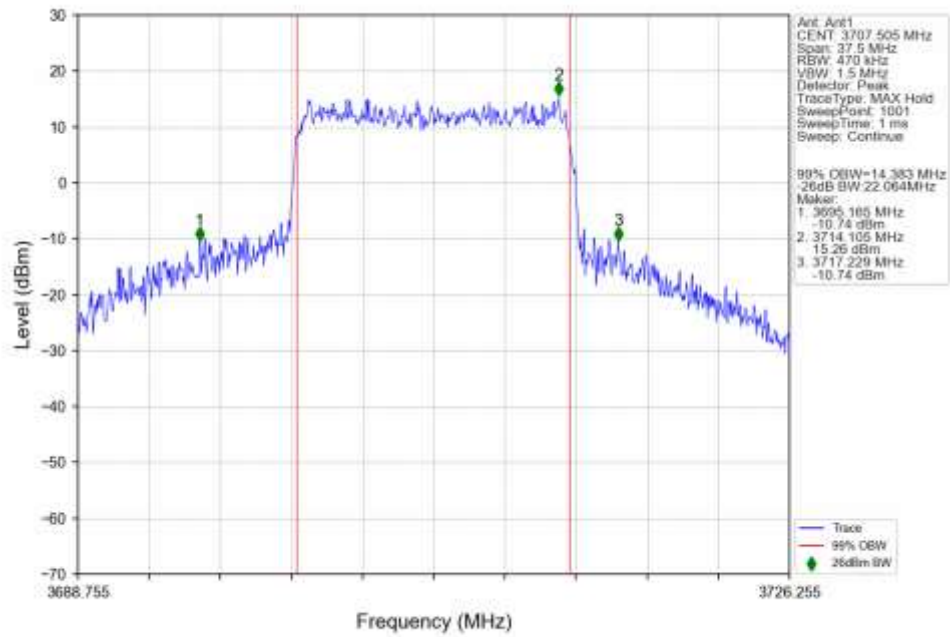
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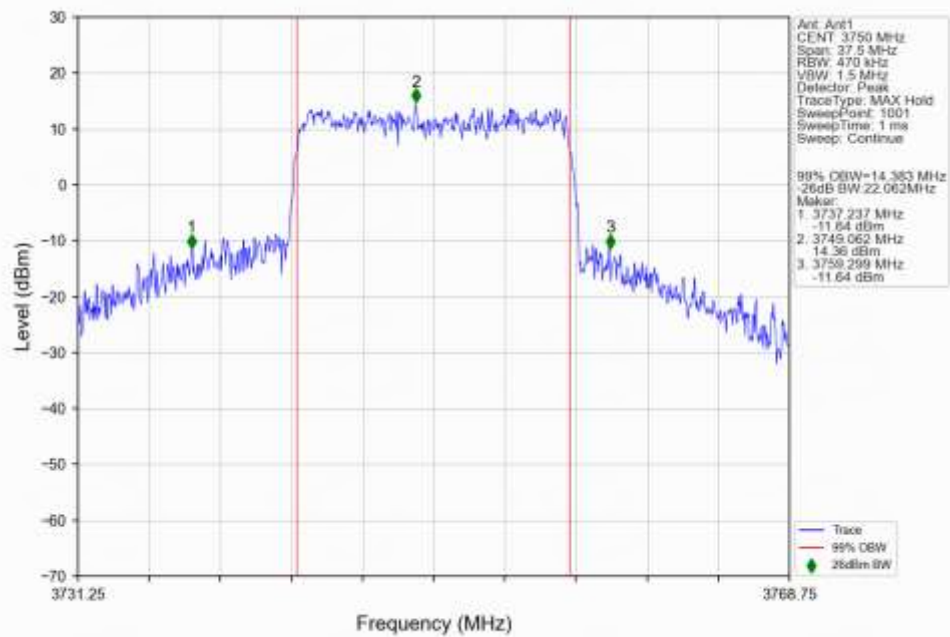
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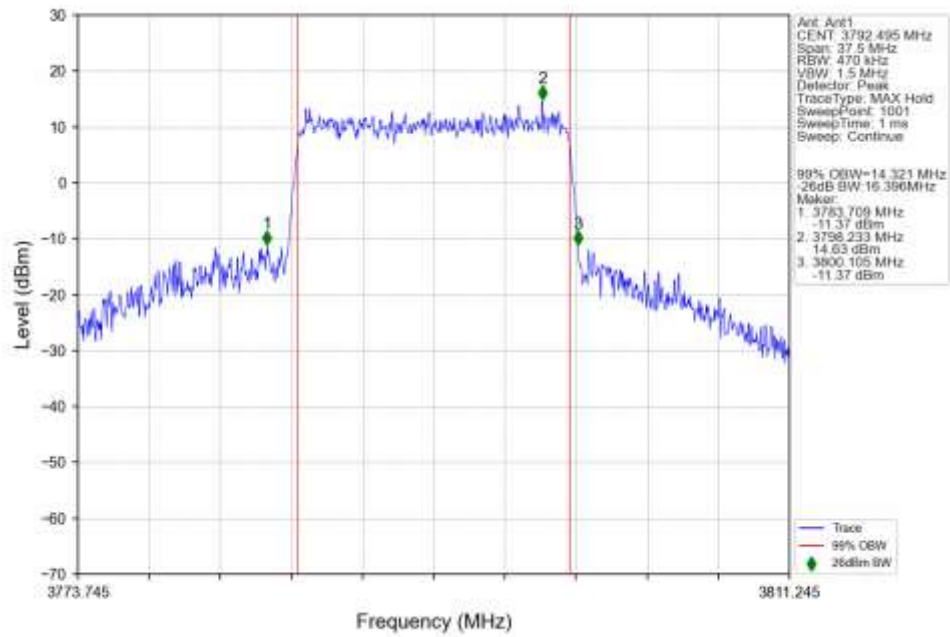
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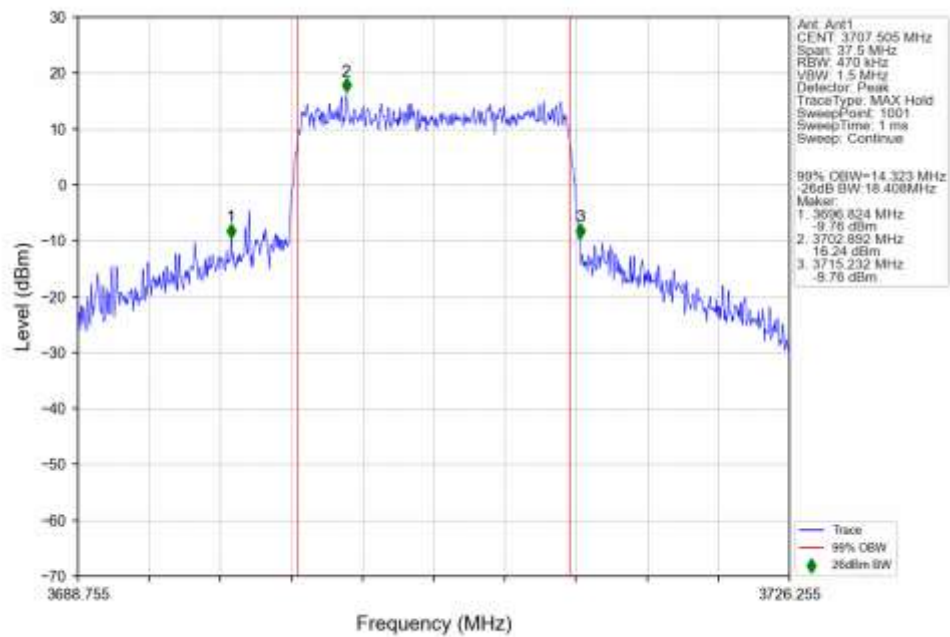
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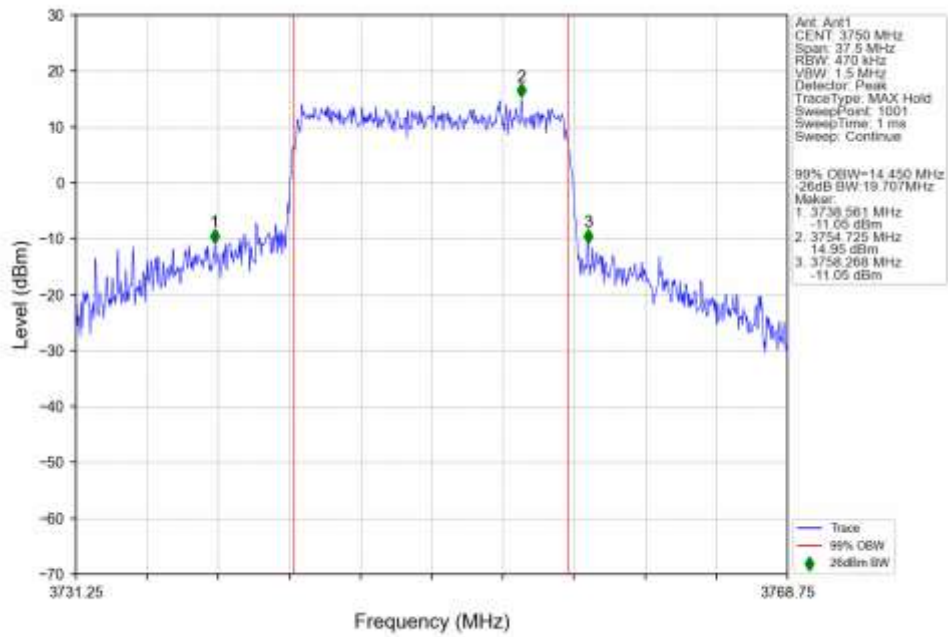
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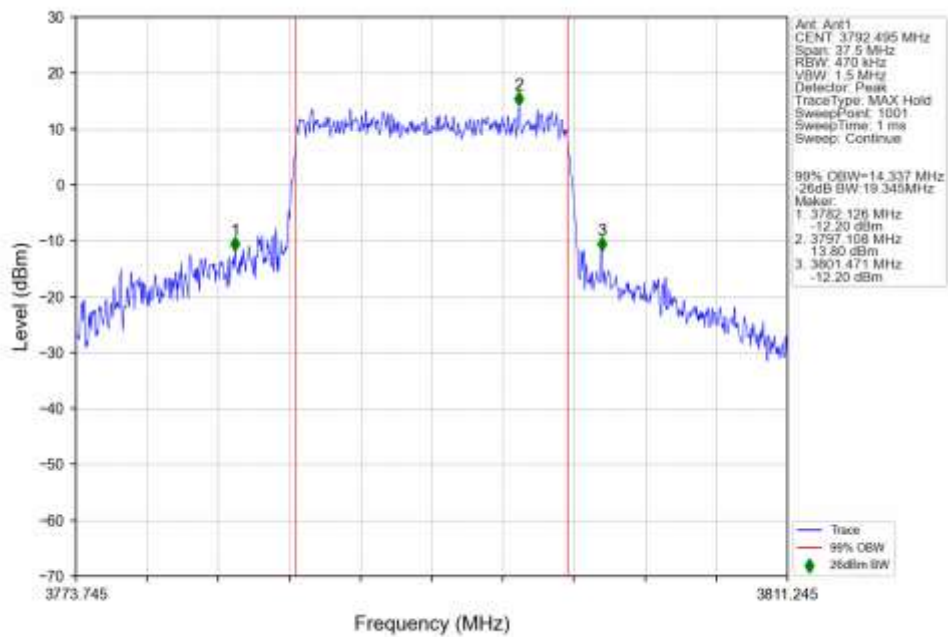
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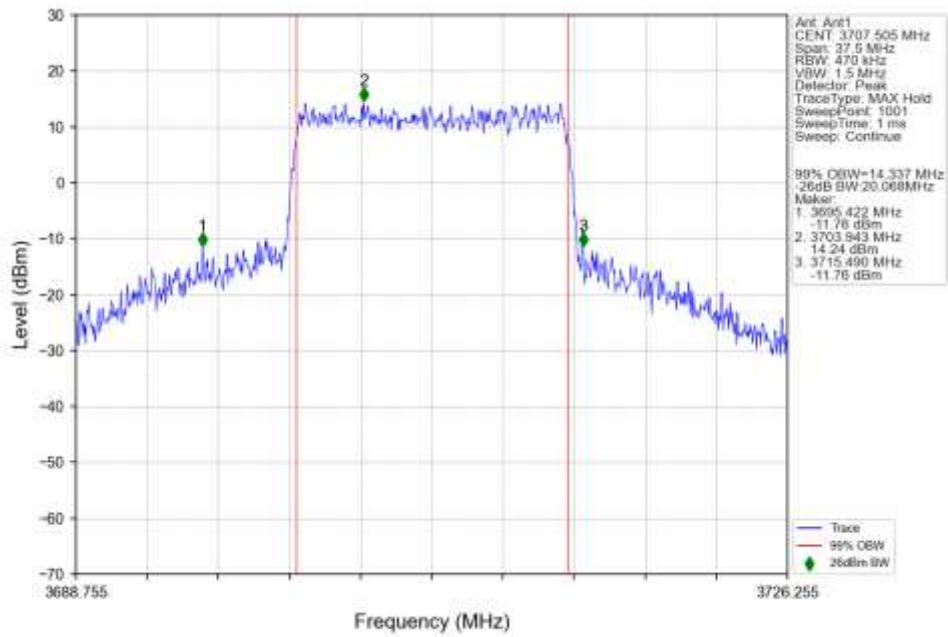
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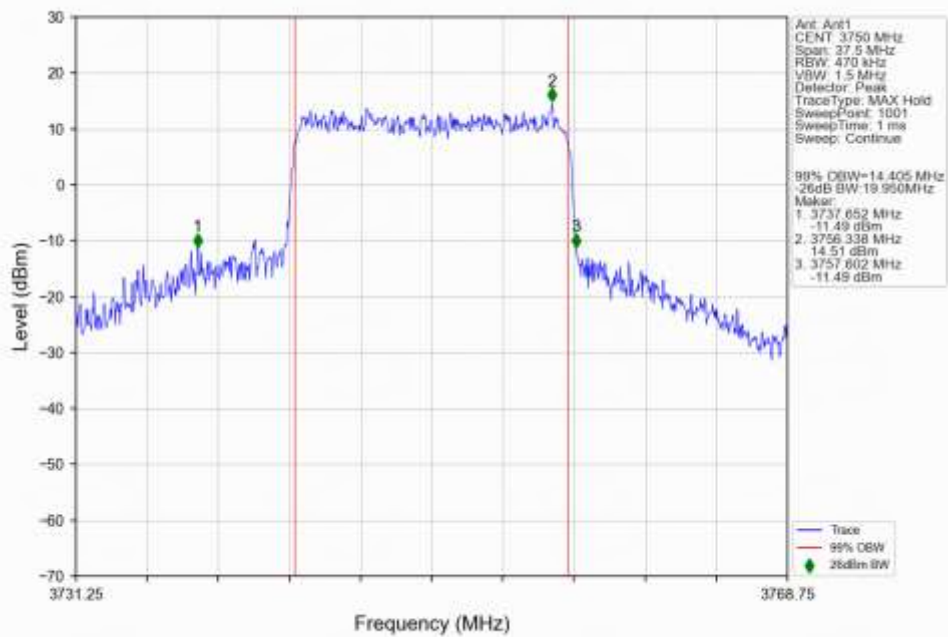
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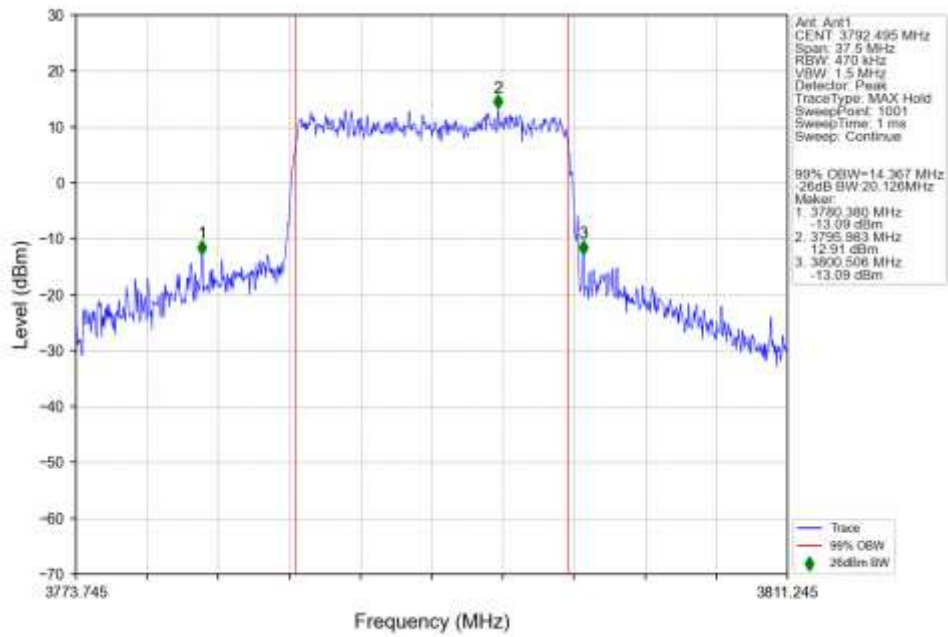
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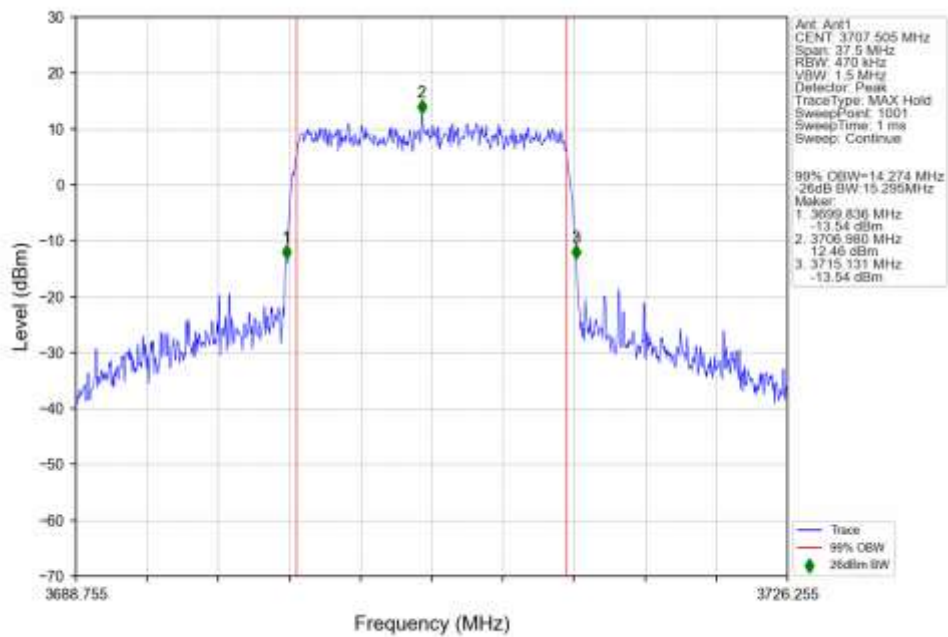
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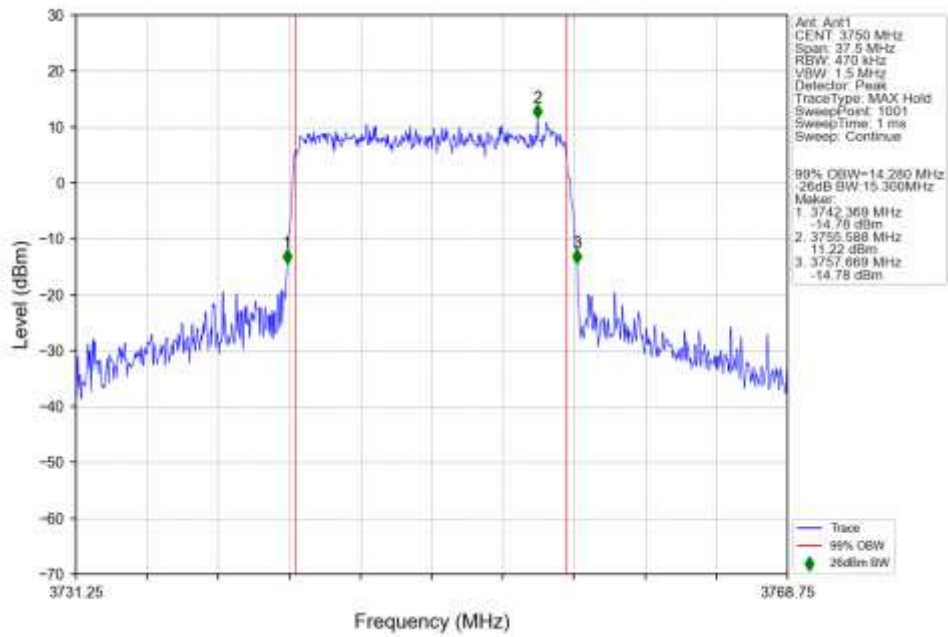
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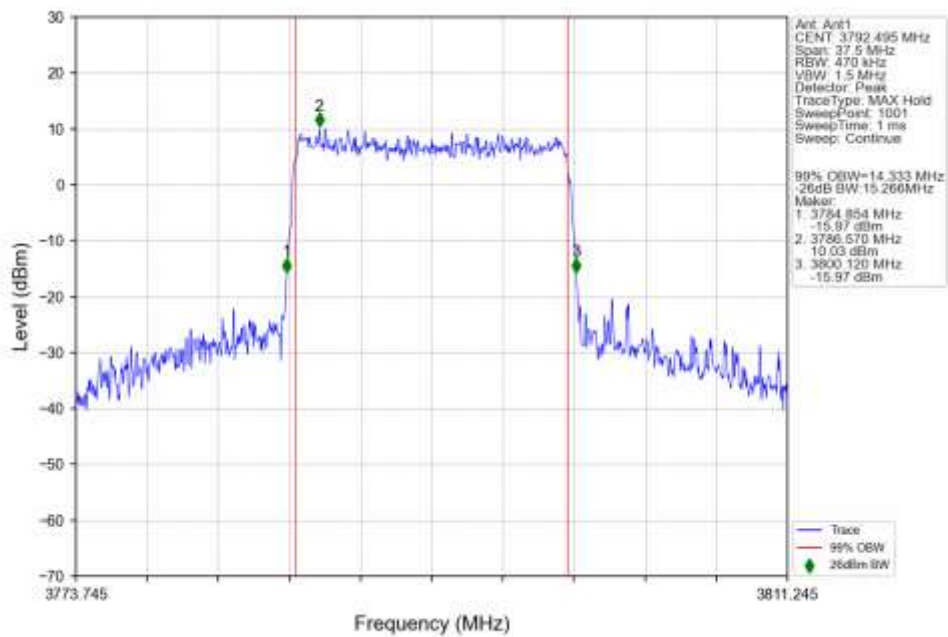
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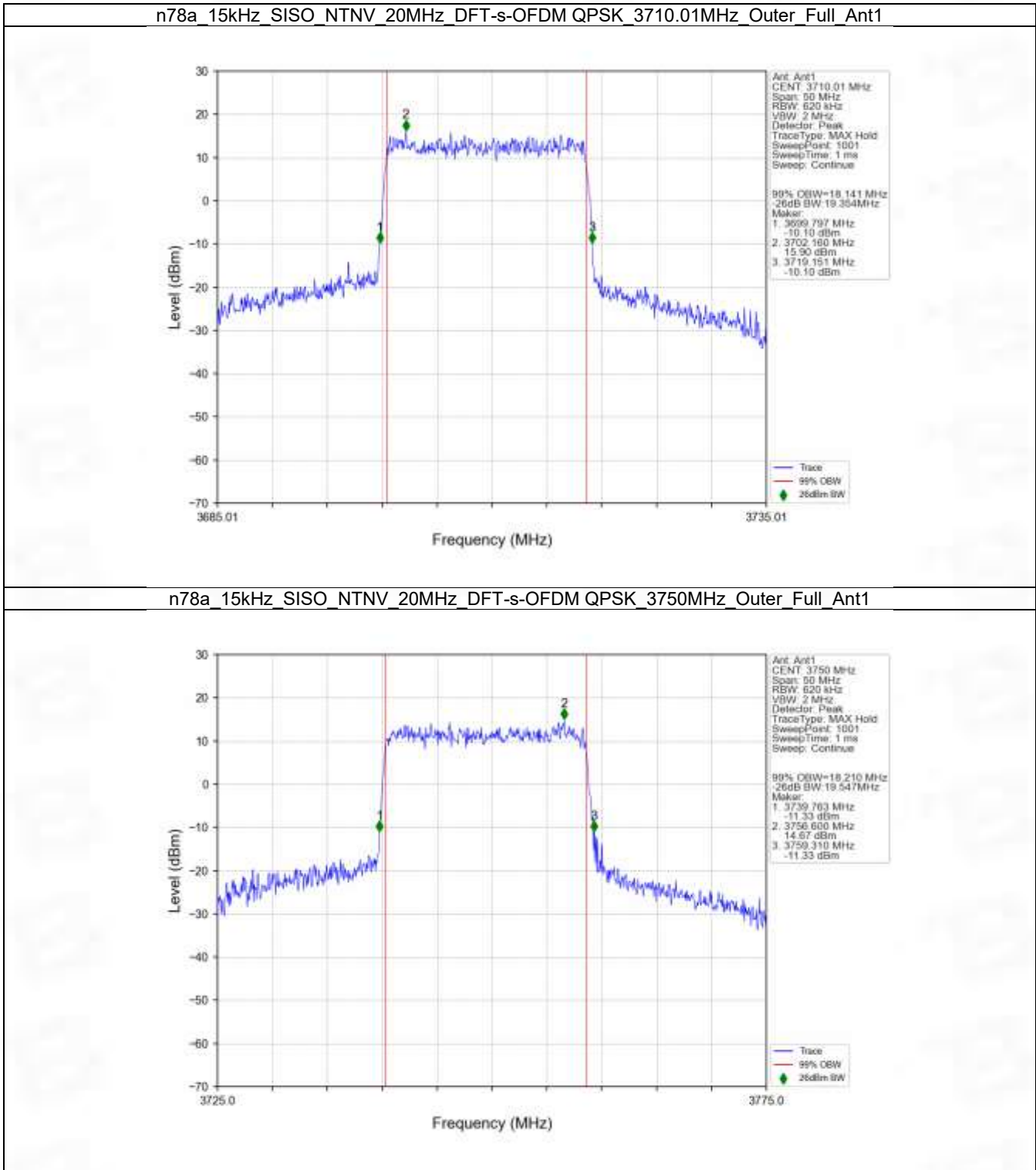
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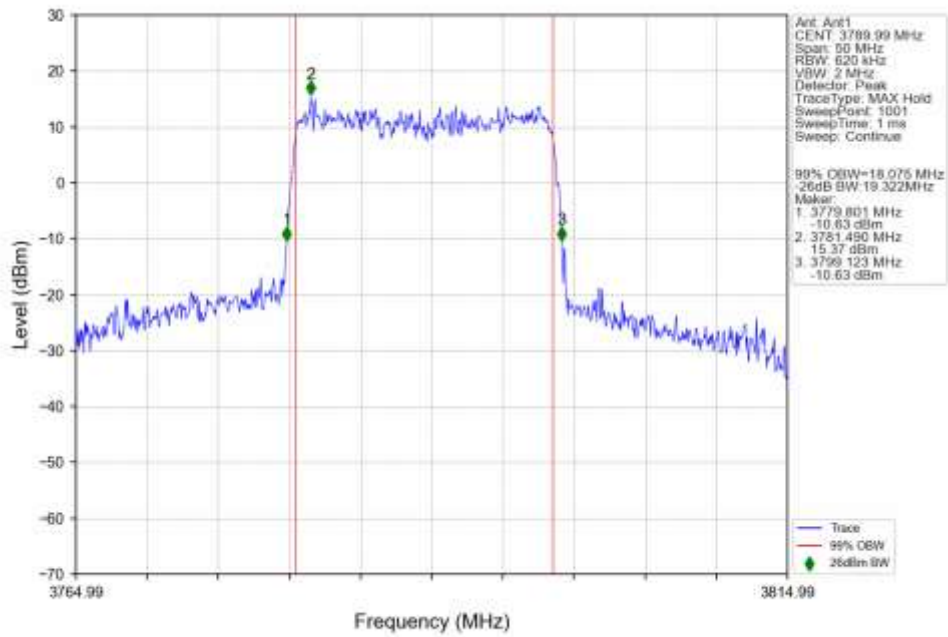
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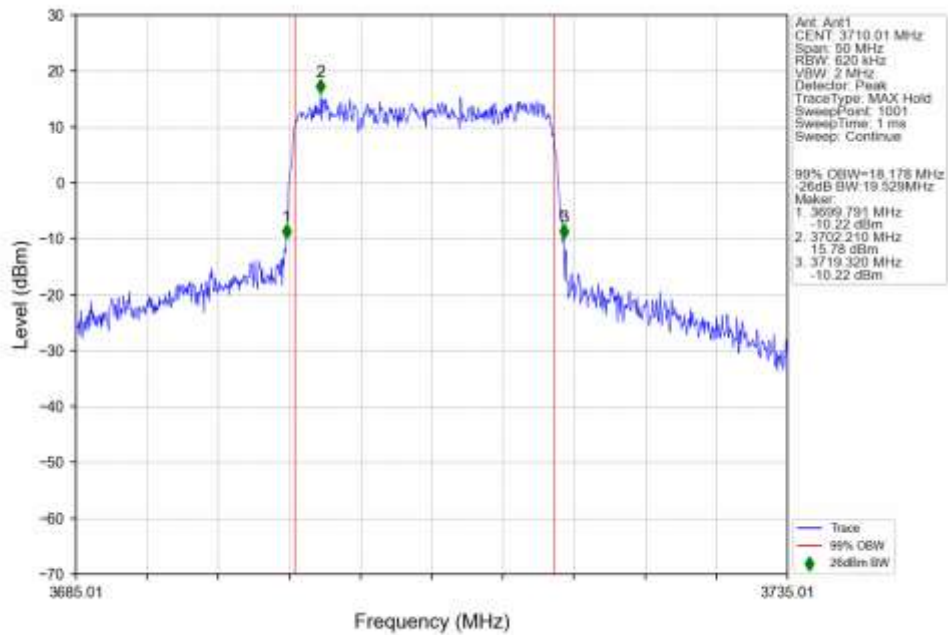
4.2.3 15k_SISO_20MHz_NTNV



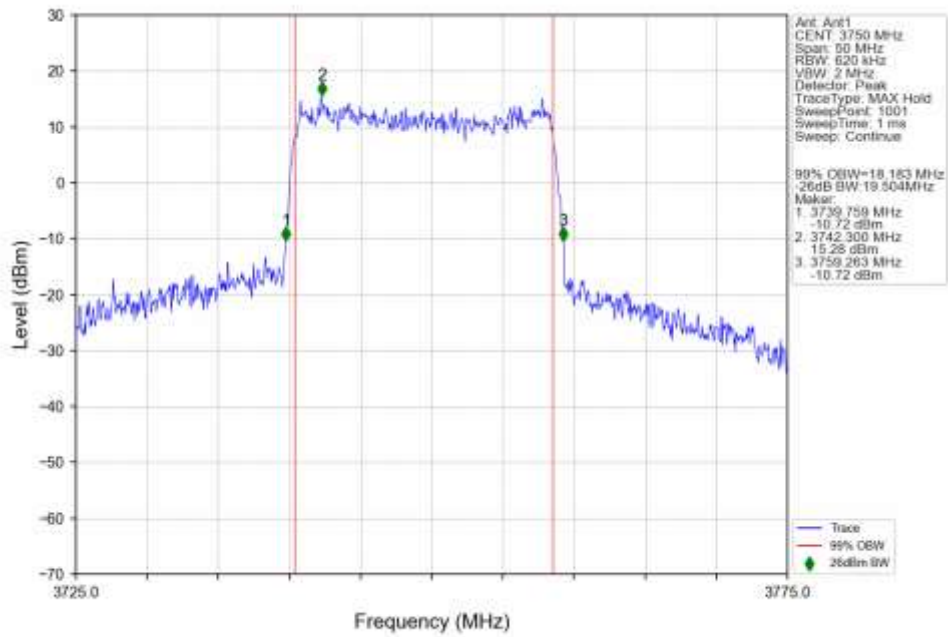
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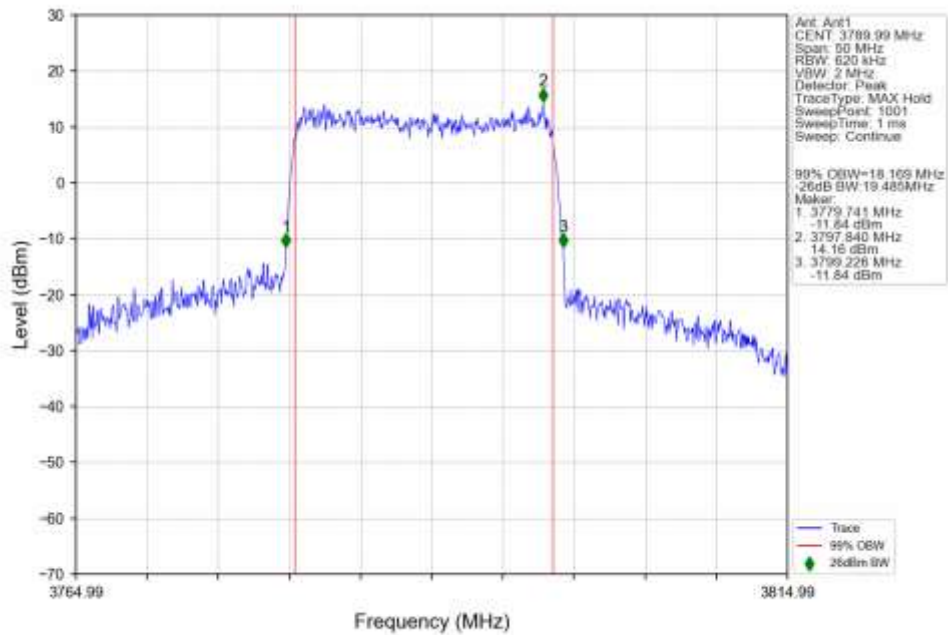
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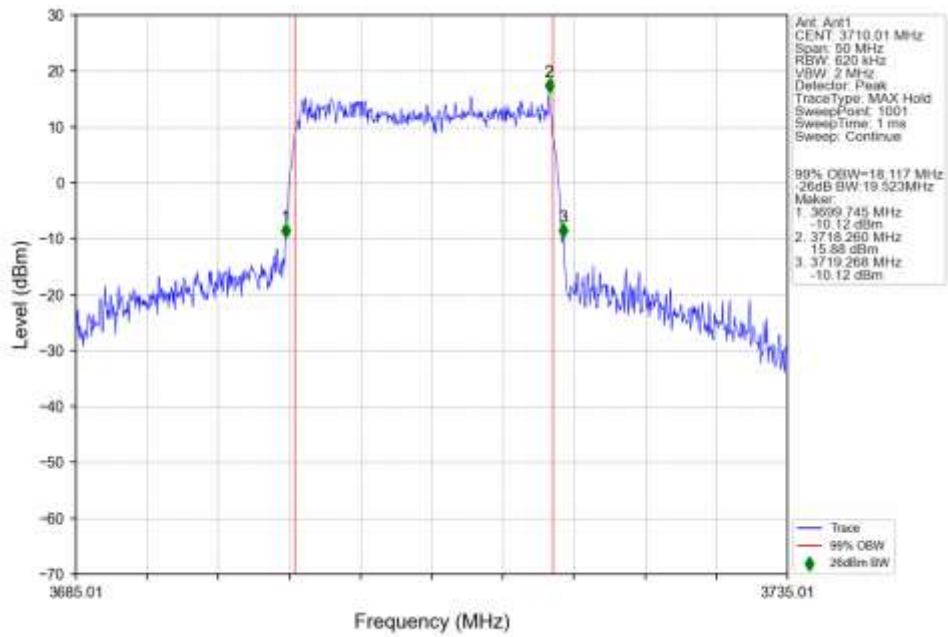
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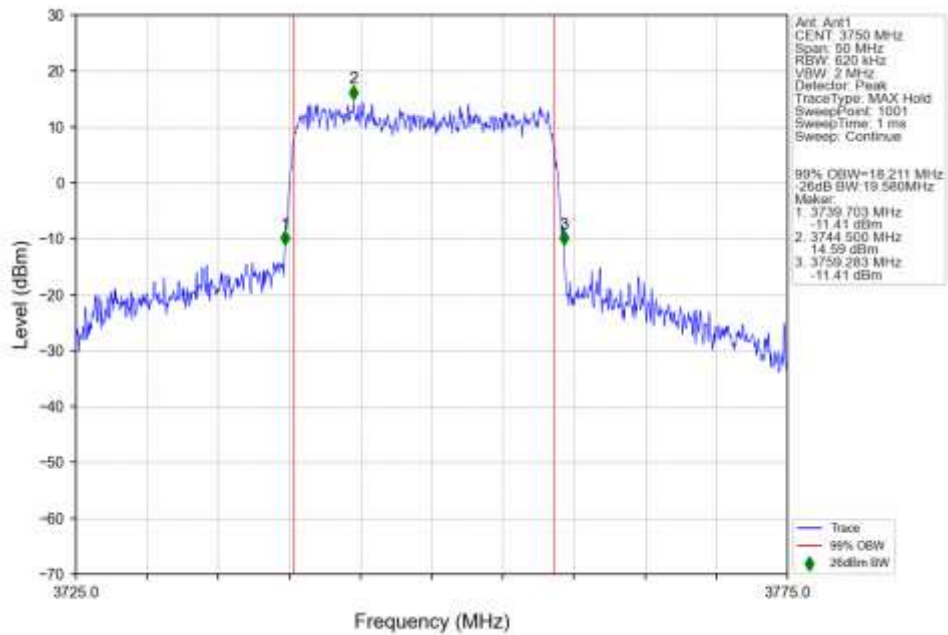
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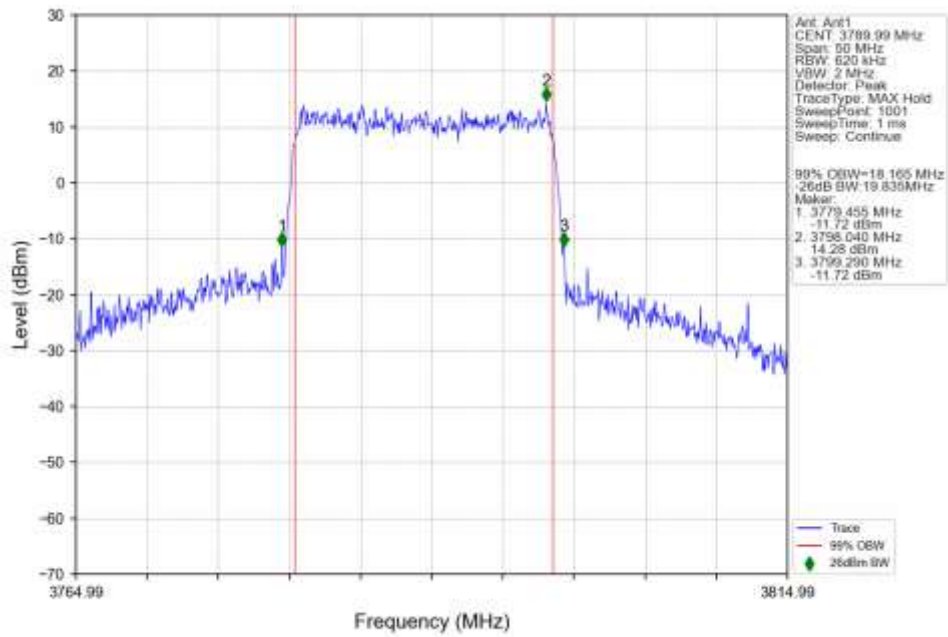
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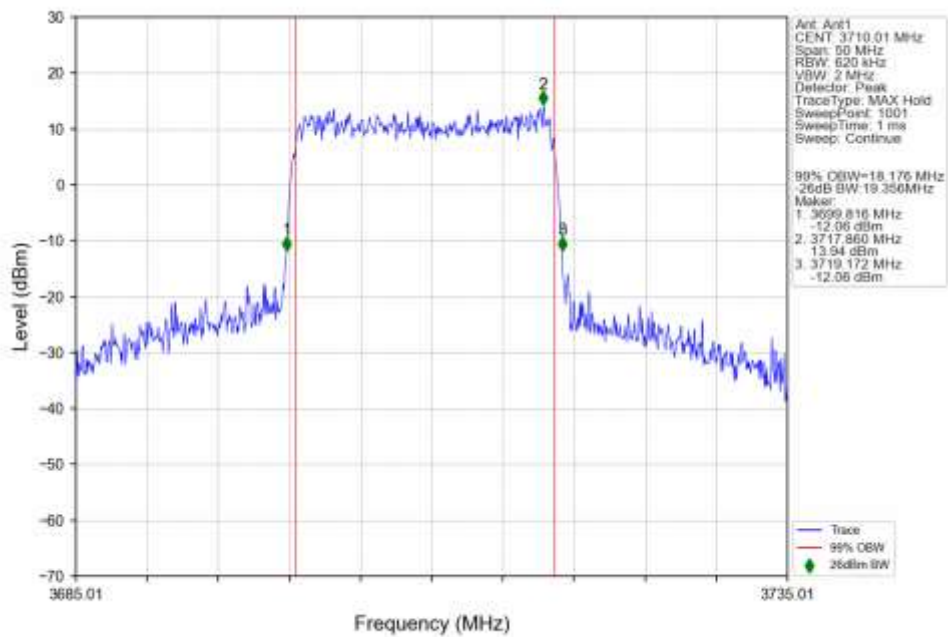
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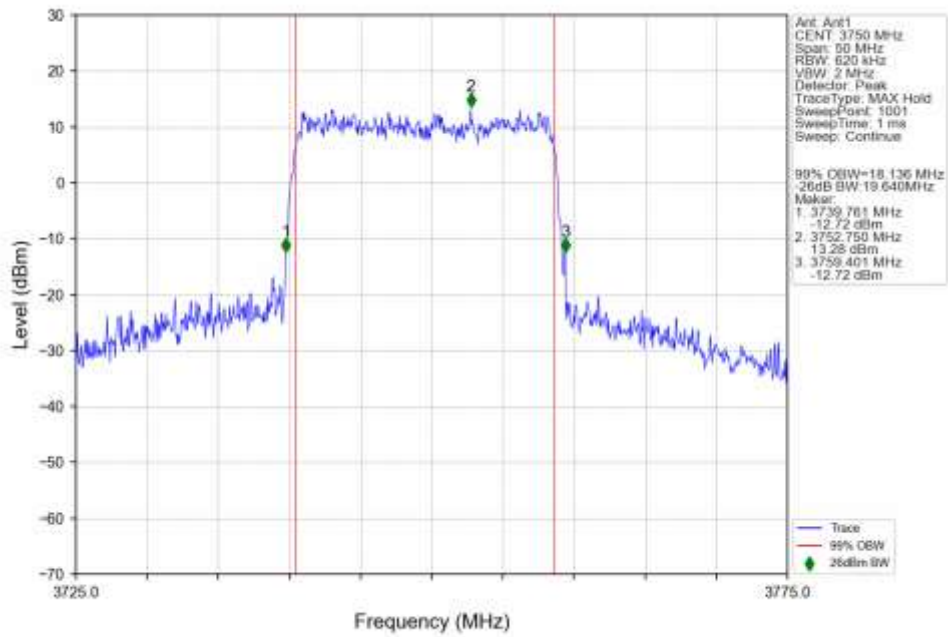
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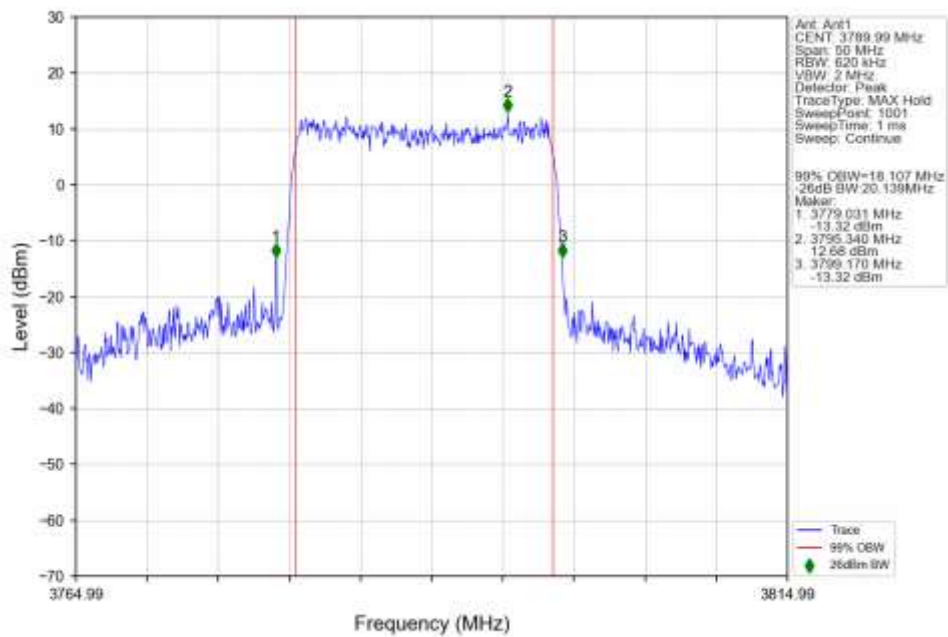
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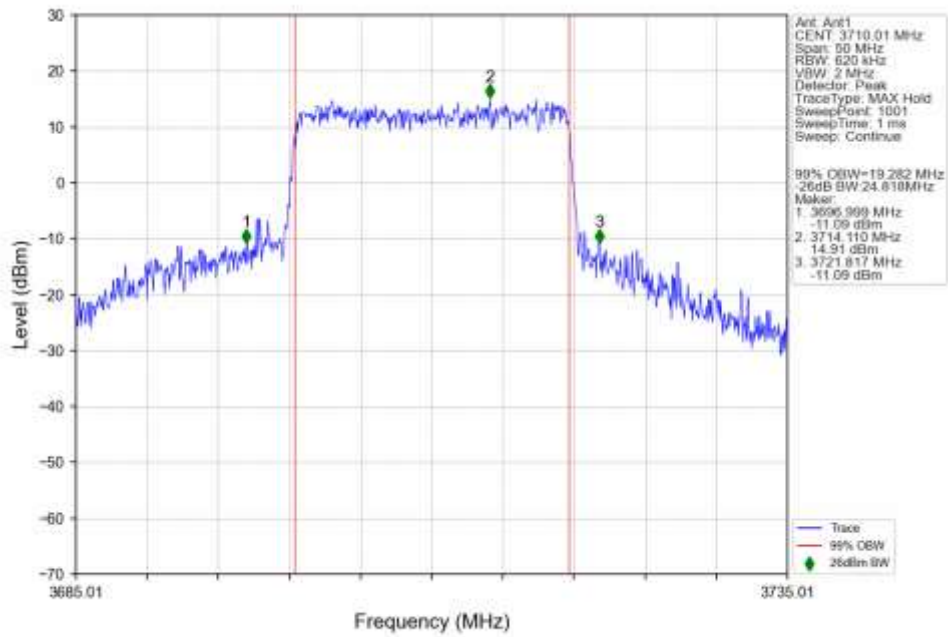
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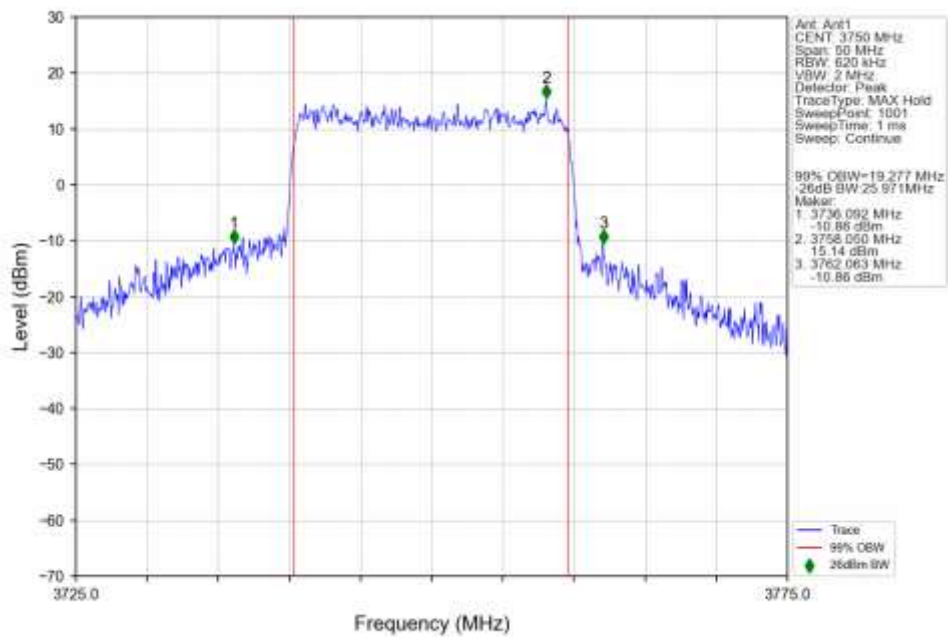
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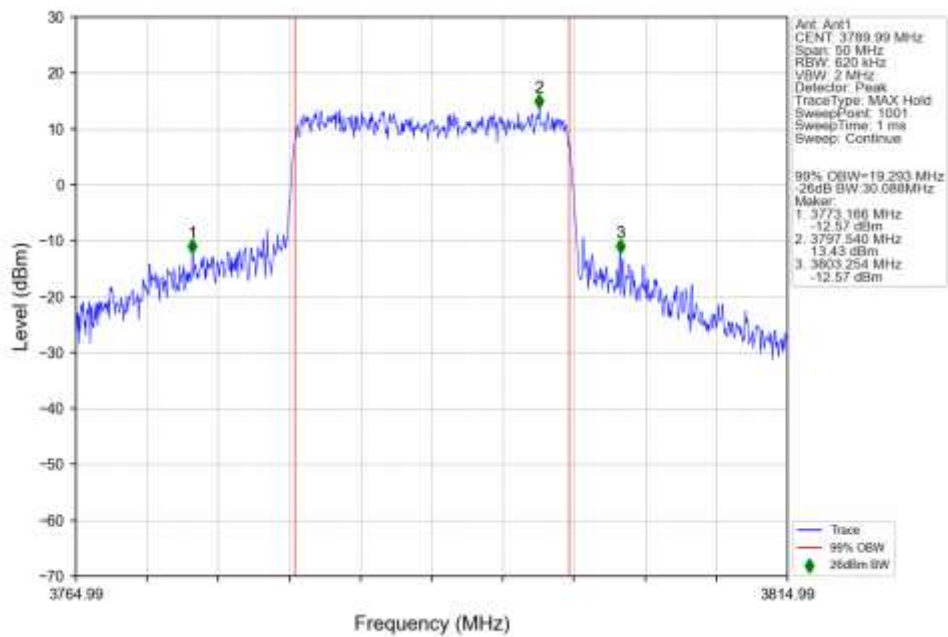
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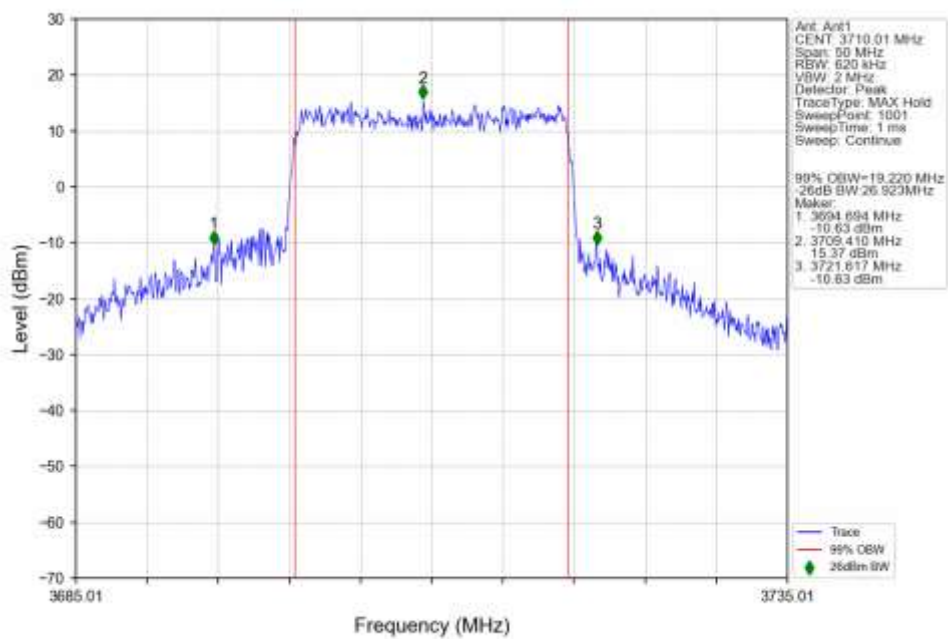
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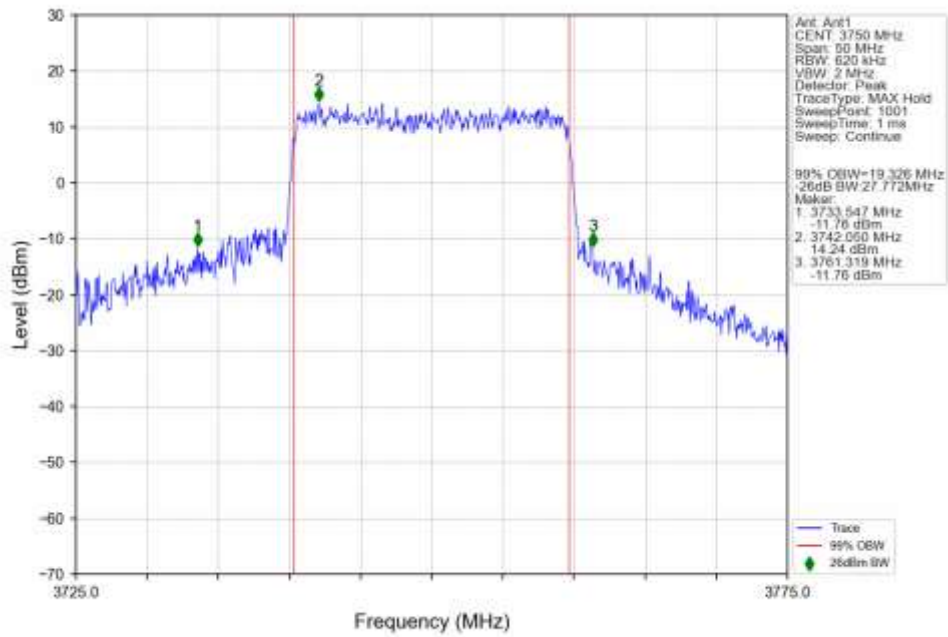
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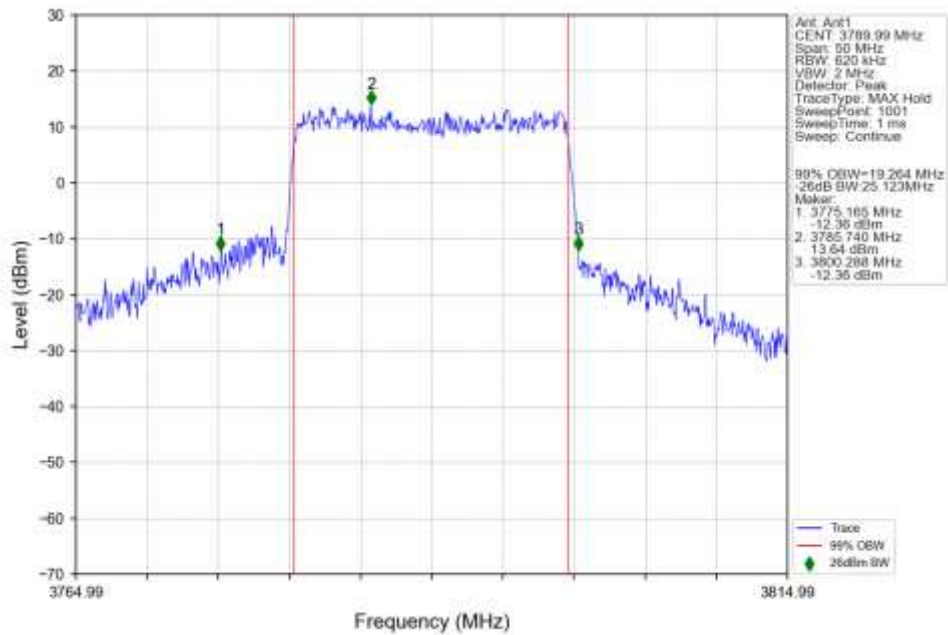
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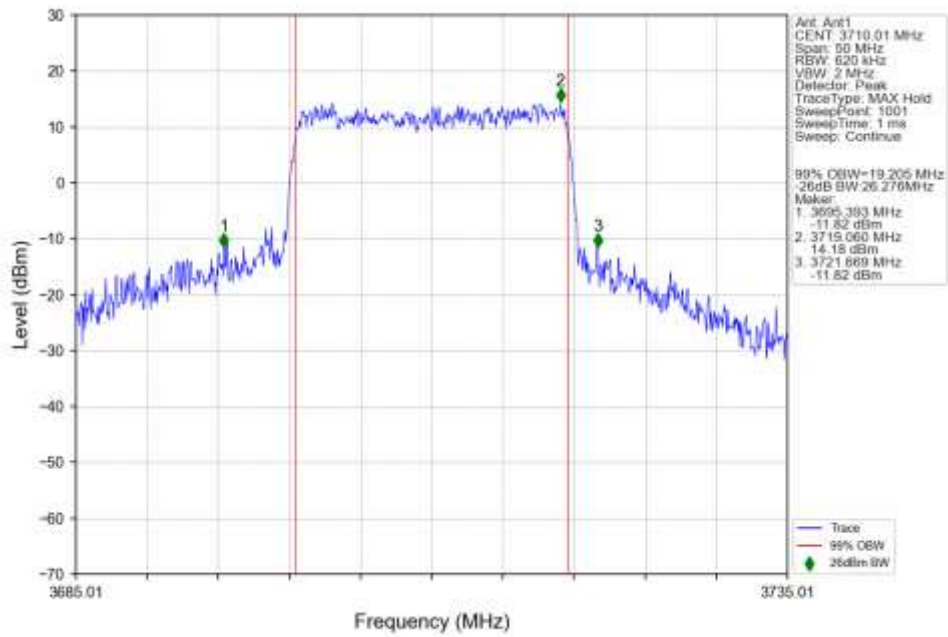
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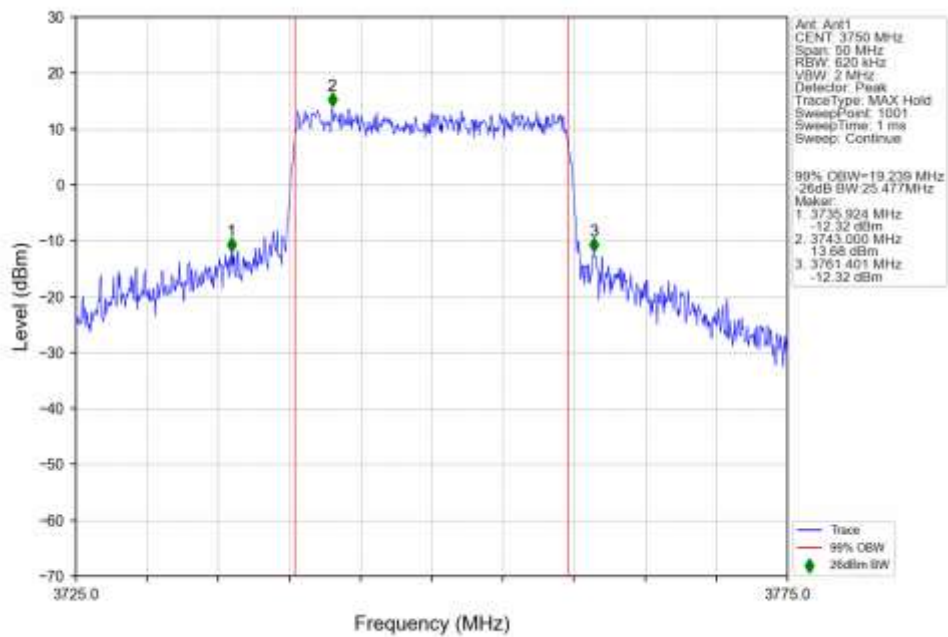
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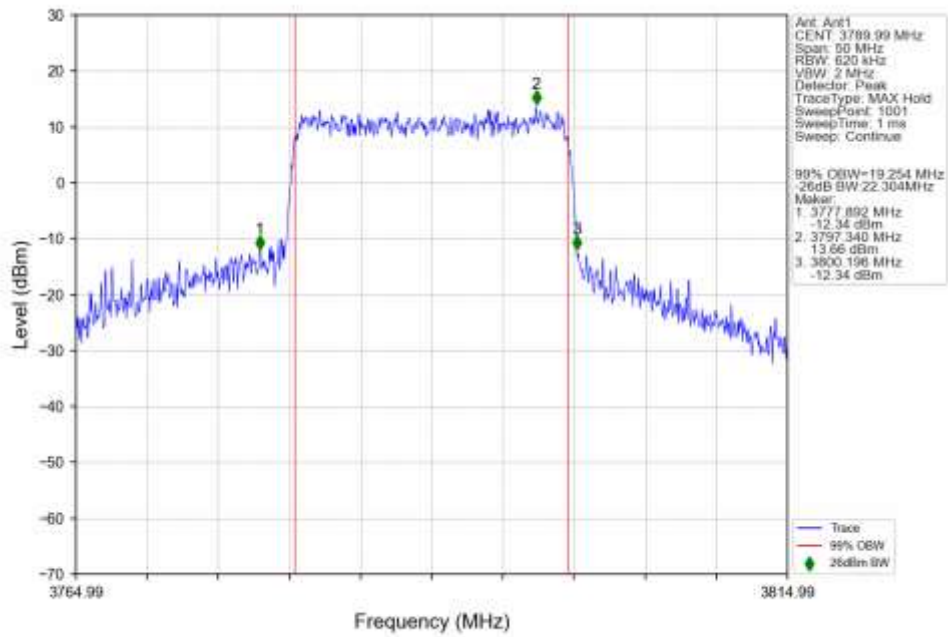
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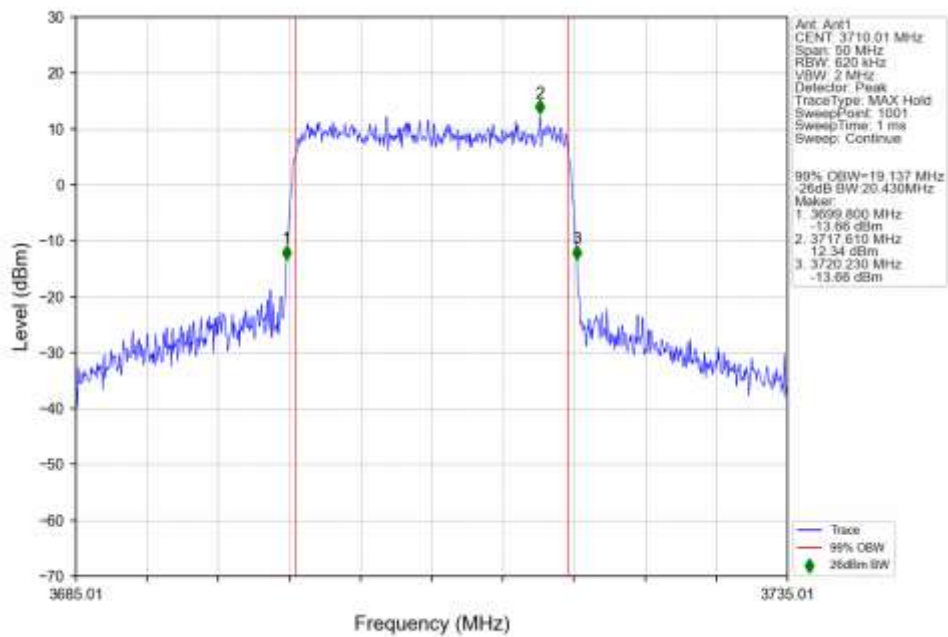
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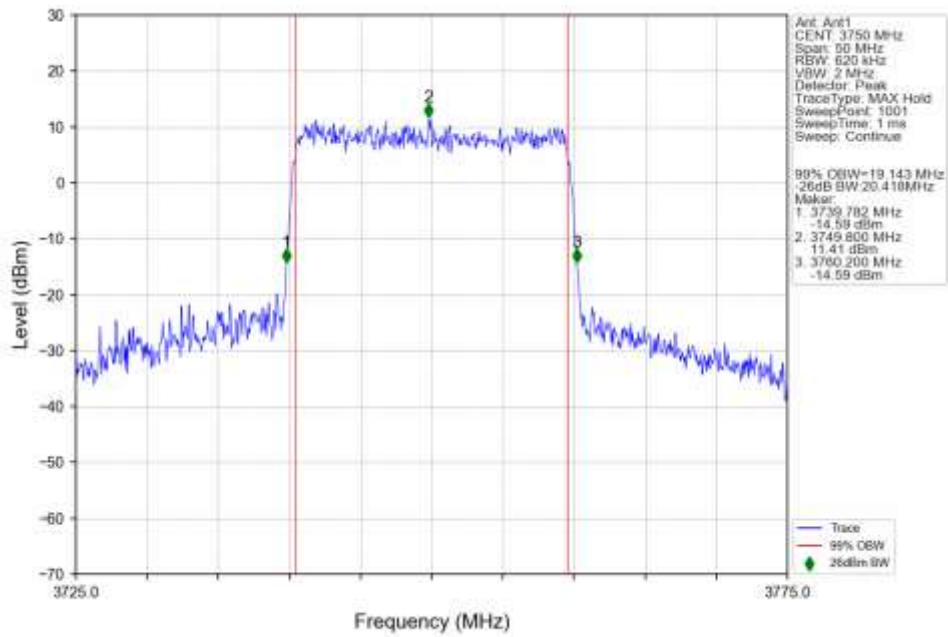
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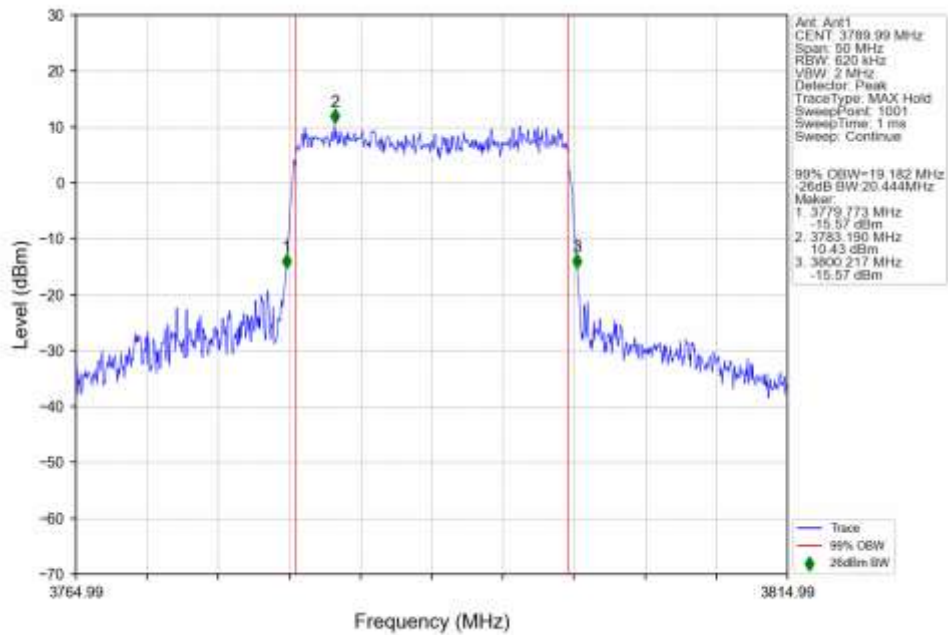
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n78a 15kHz SISO NTN 20MHz CP-OFDM 256 QAM 3750MHz Outer Full Ant1

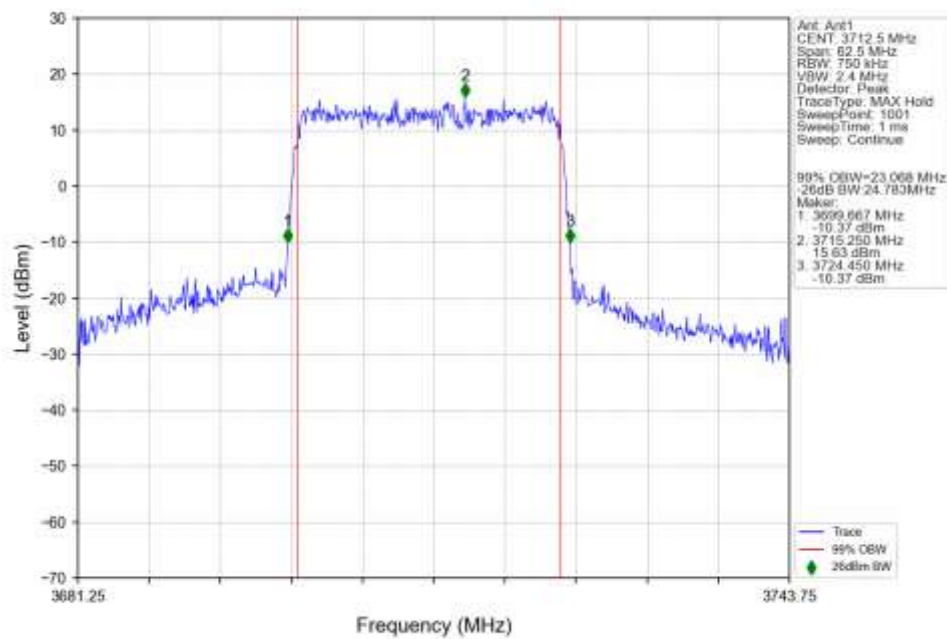


n78a 15kHz SISO NTN 20MHz CP-OFDM 256 QAM 3789.99MHz Outer Full Ant1

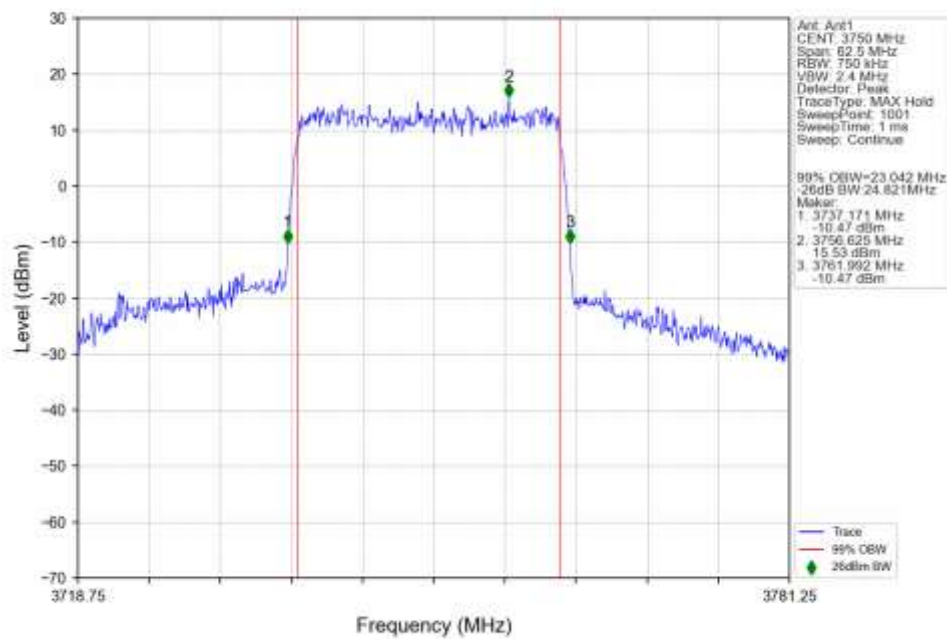


4.2.4 15k_SISO_25MHz_NTNV

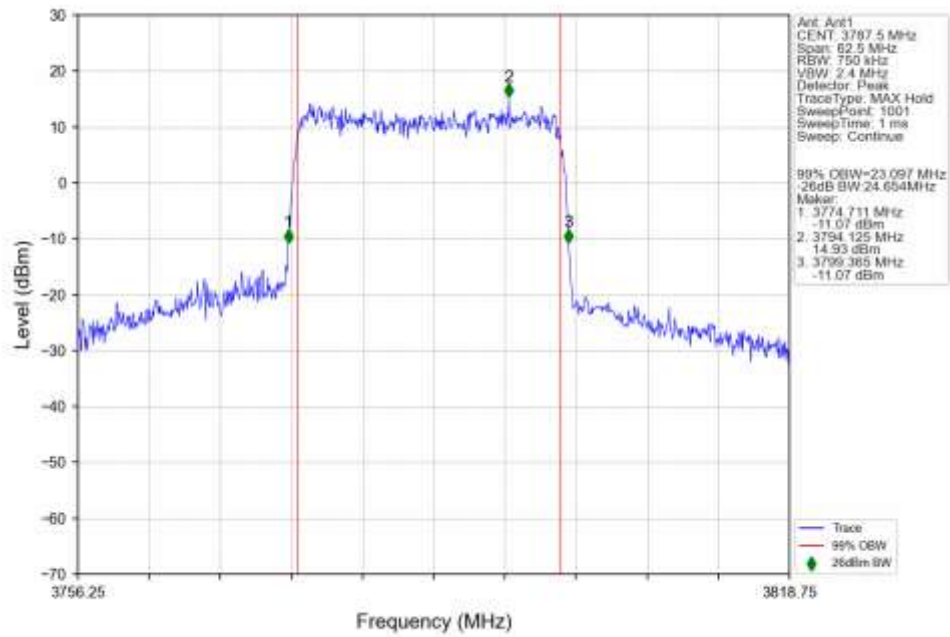
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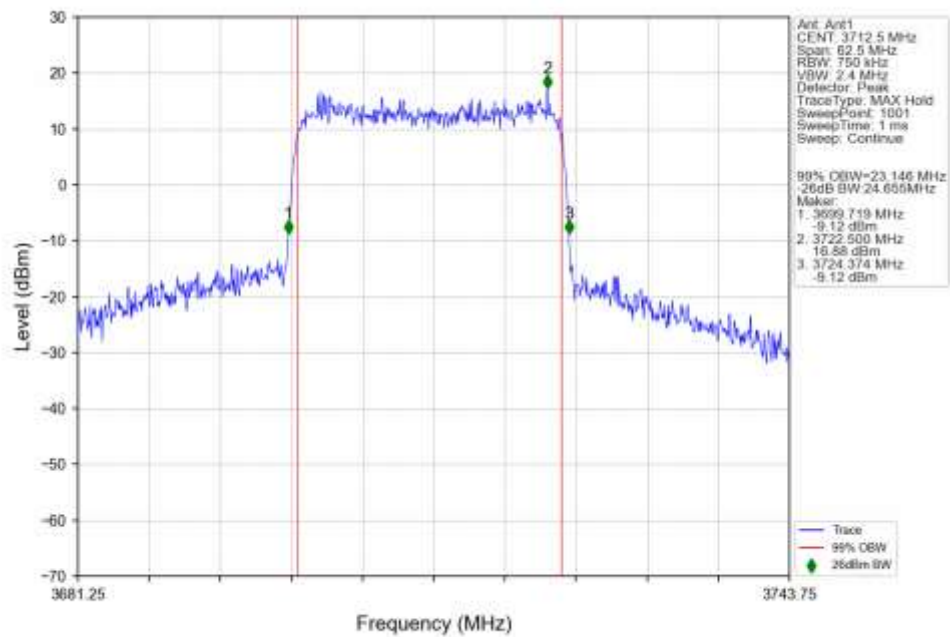
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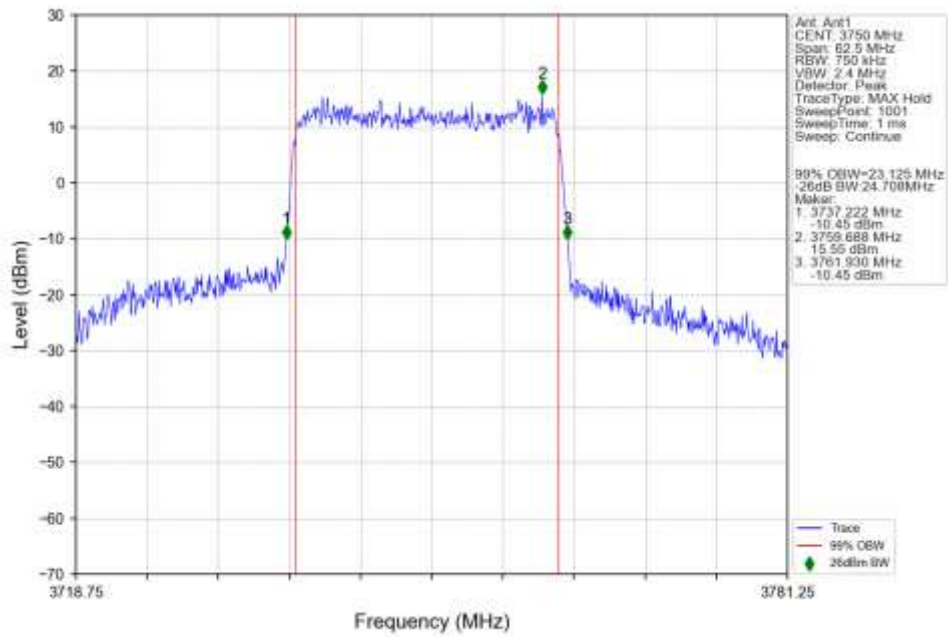
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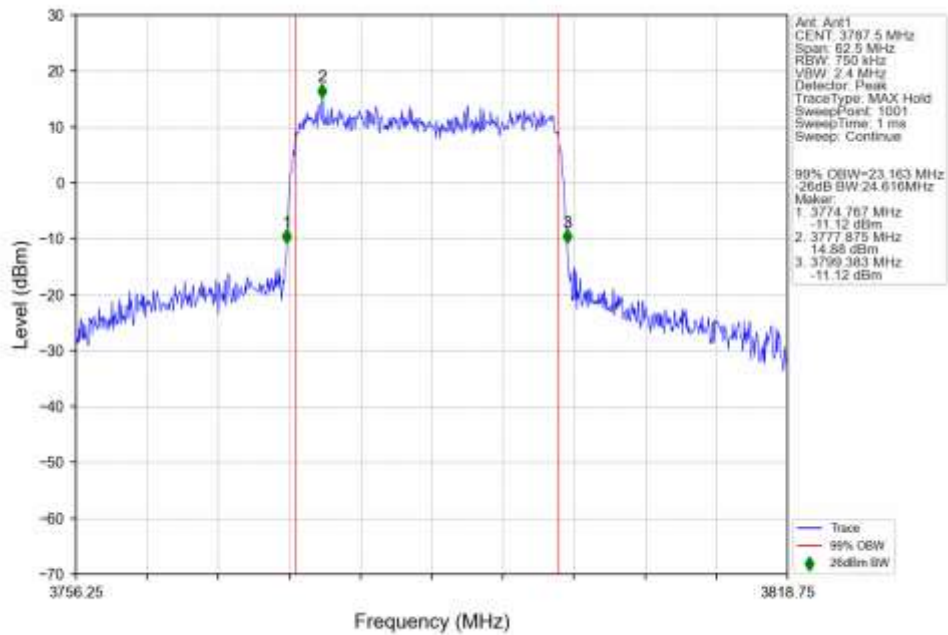
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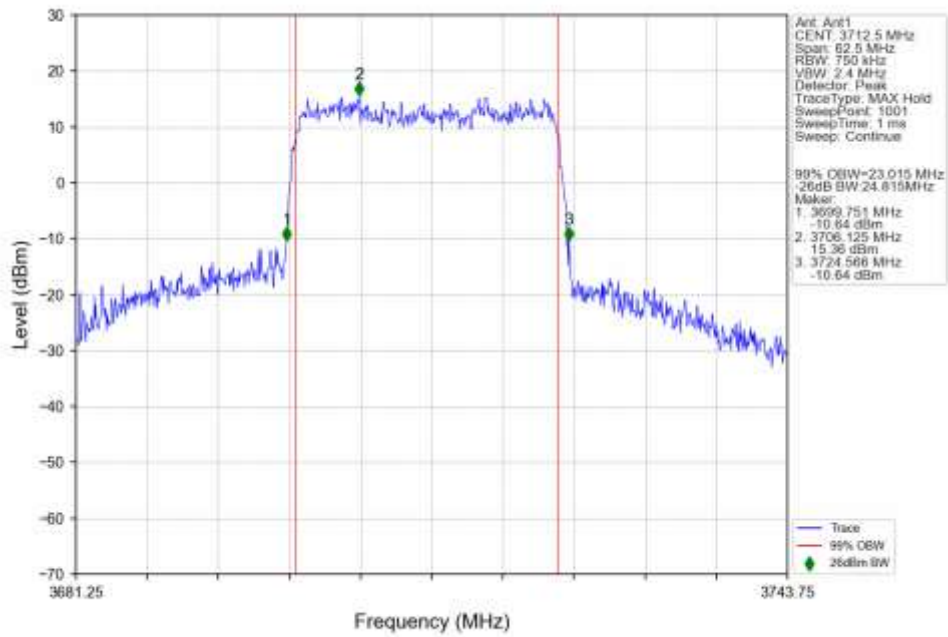
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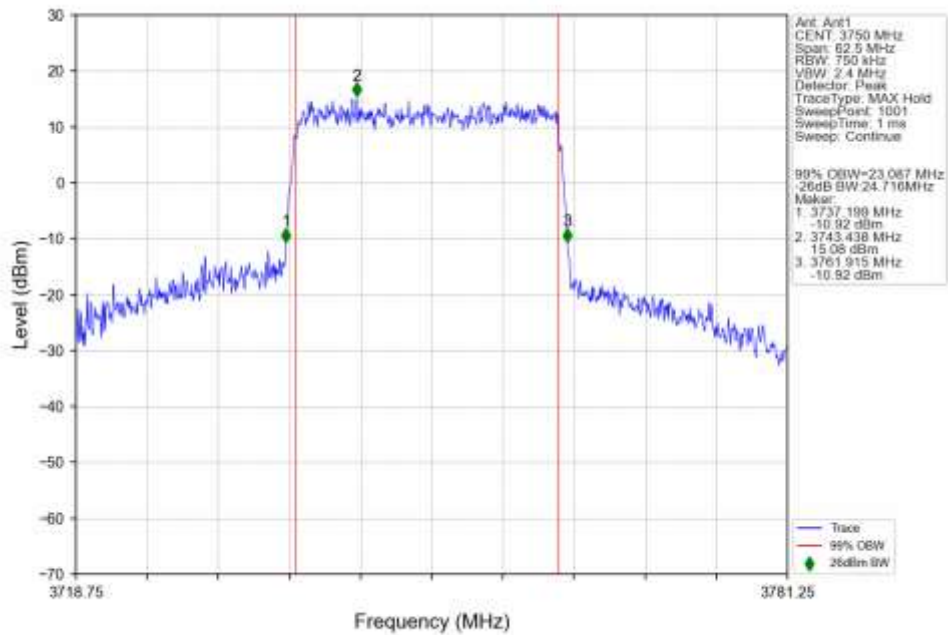
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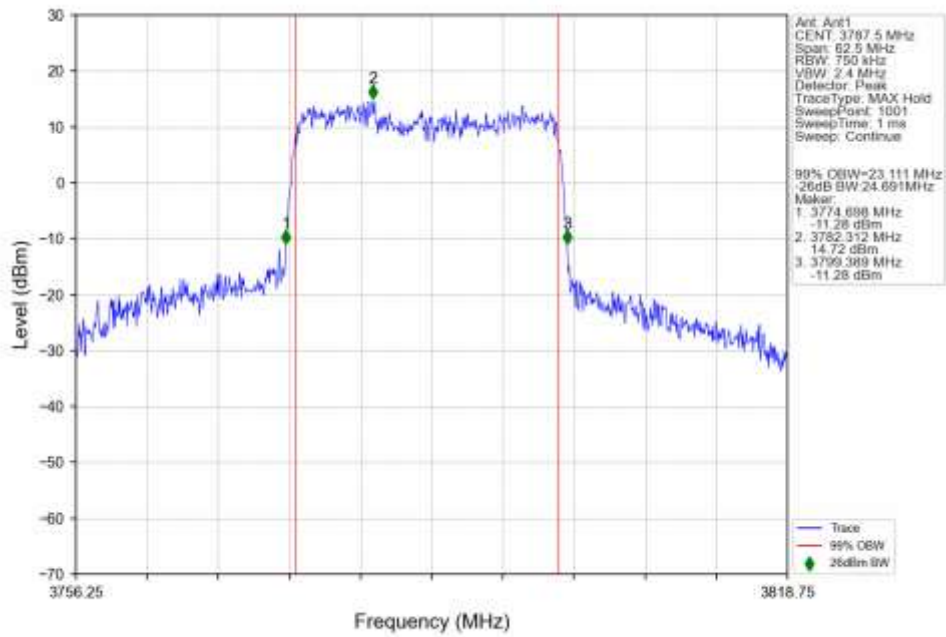
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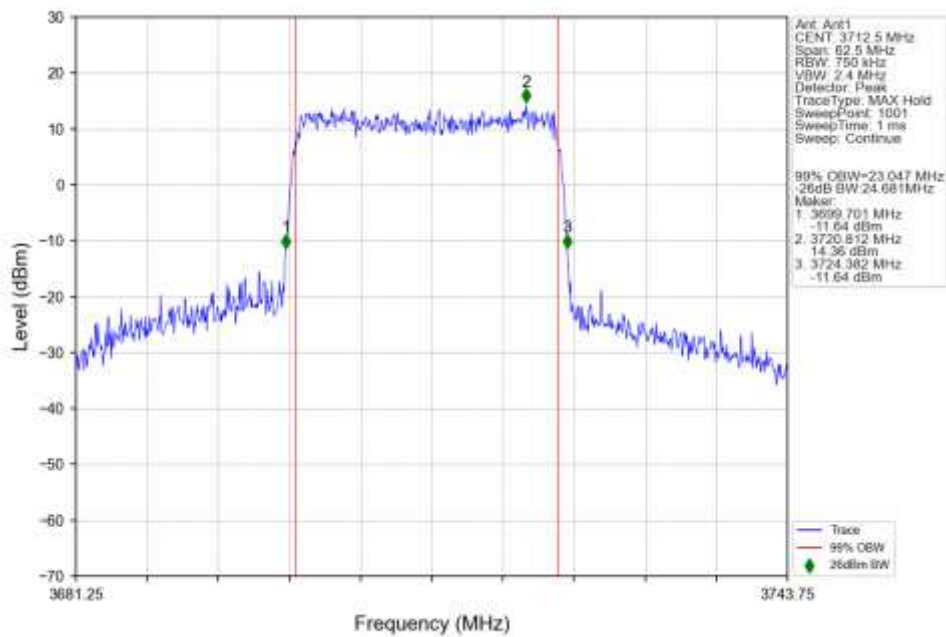
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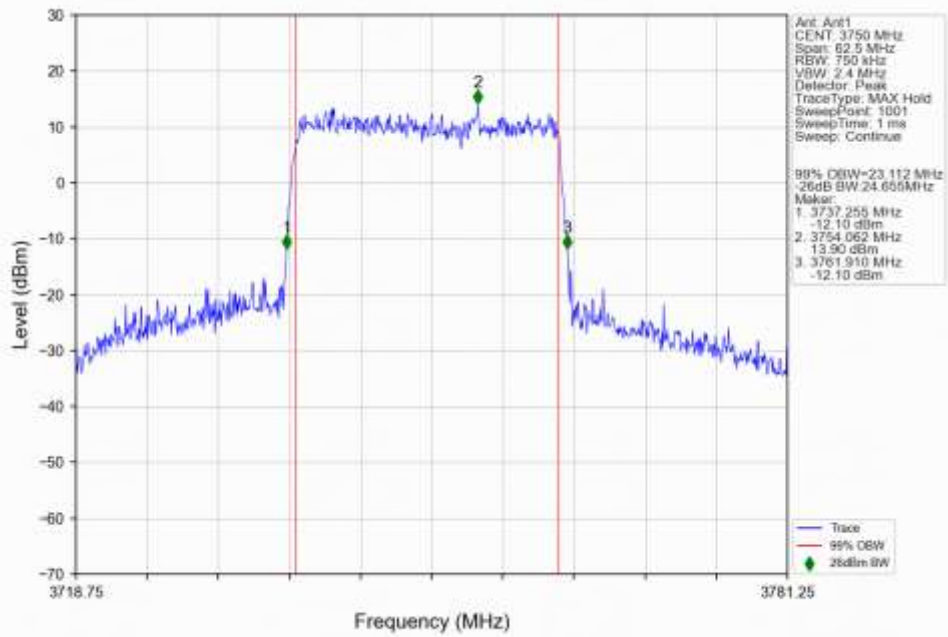
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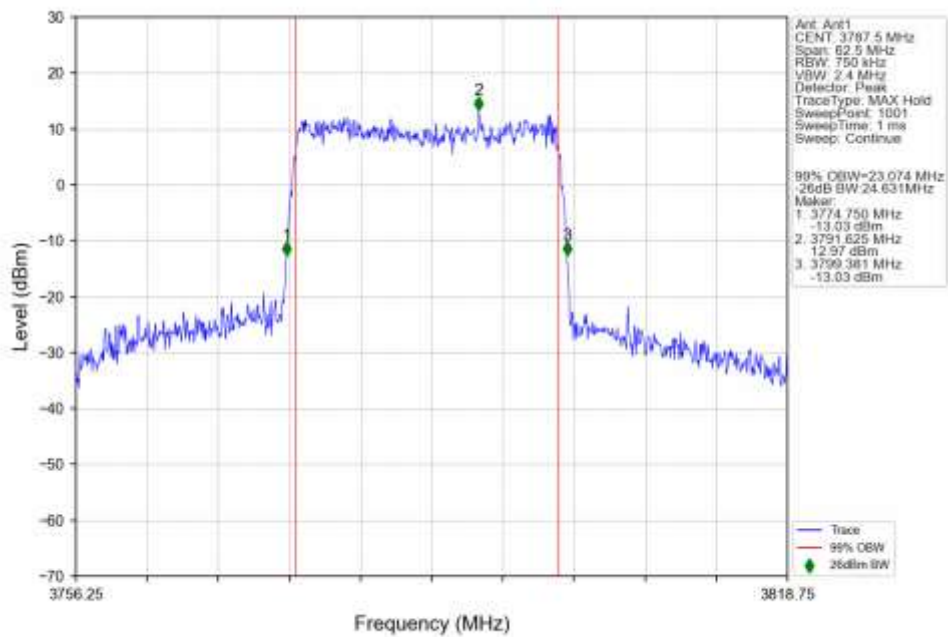
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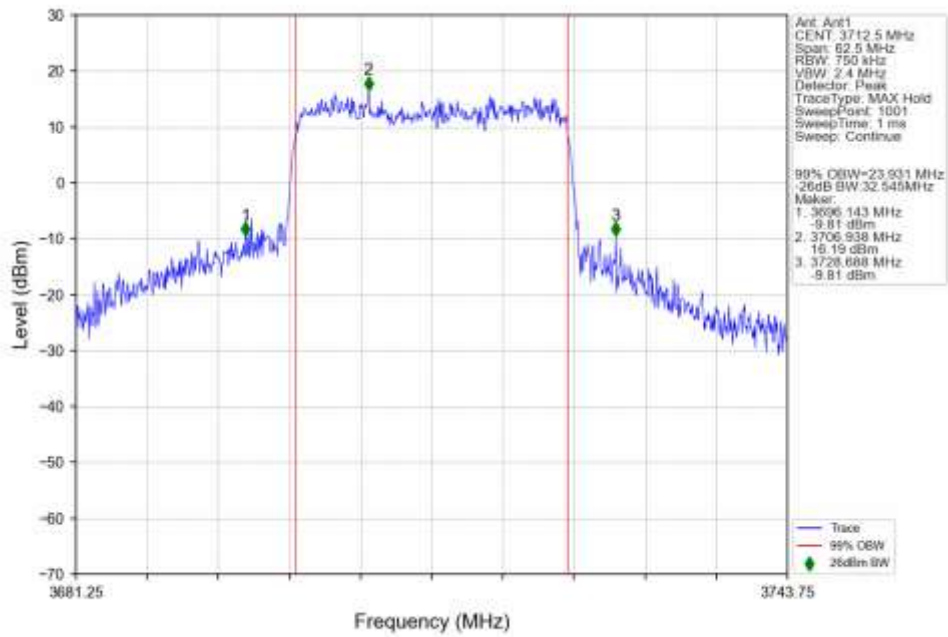
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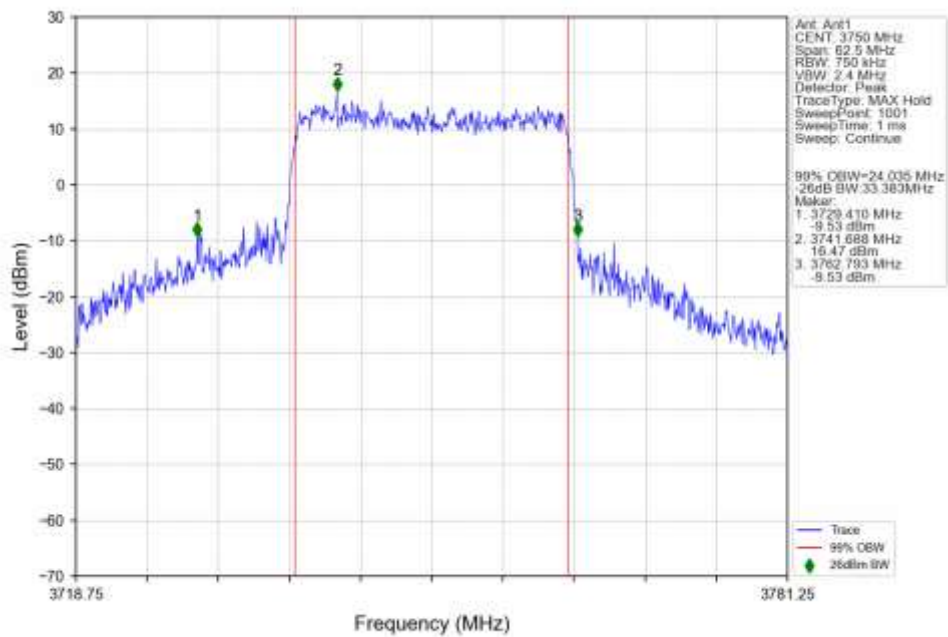
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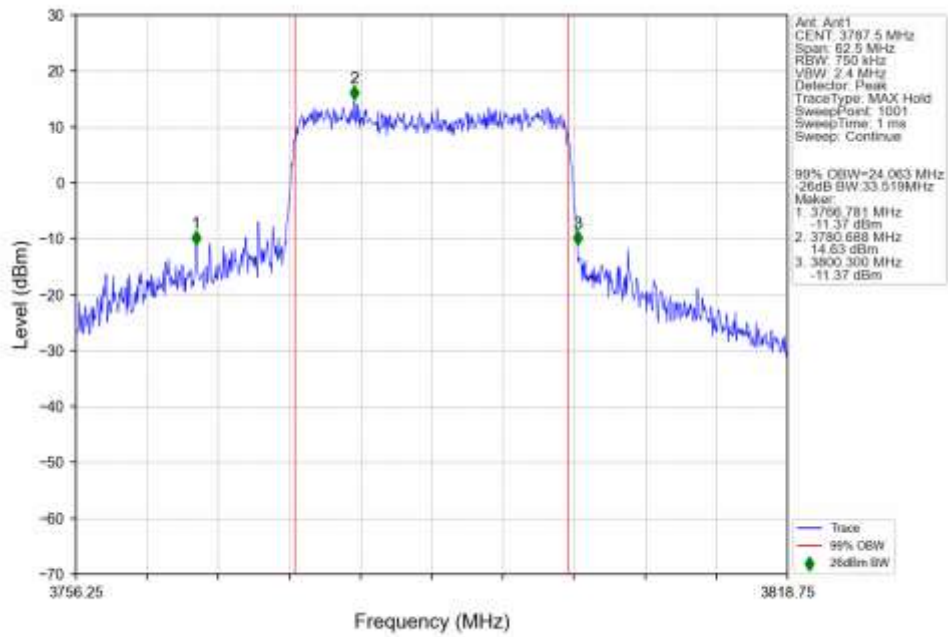
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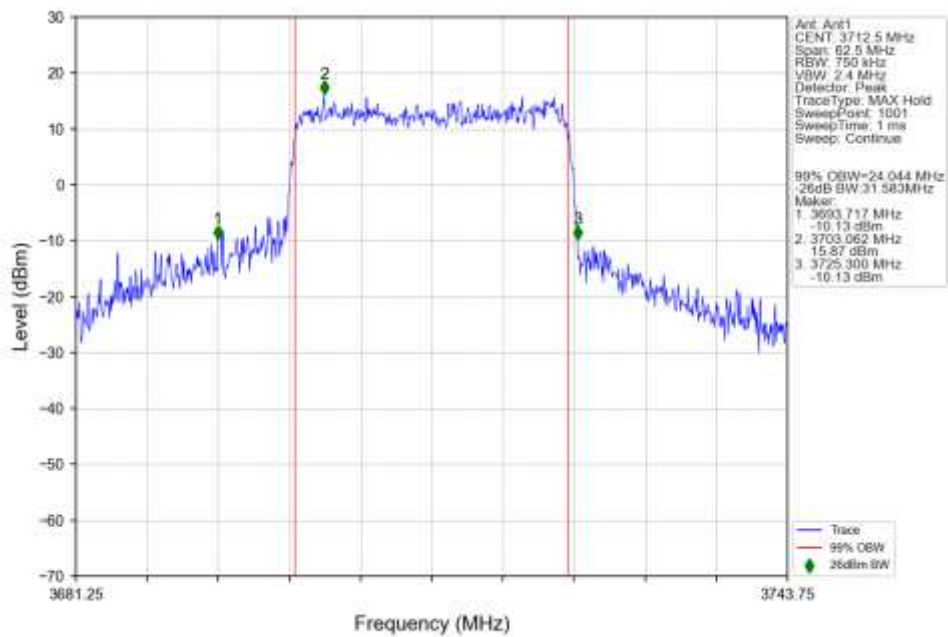
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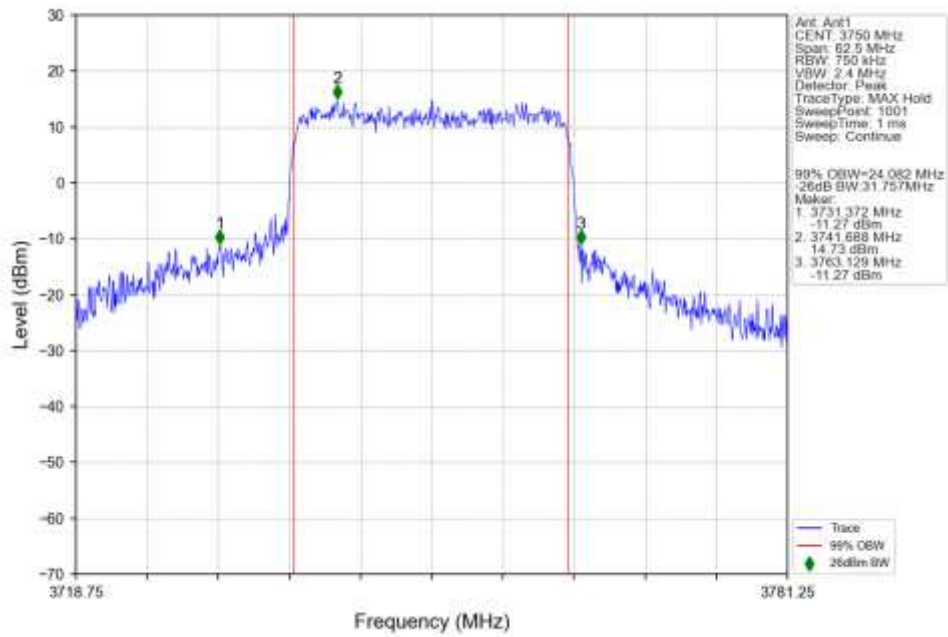
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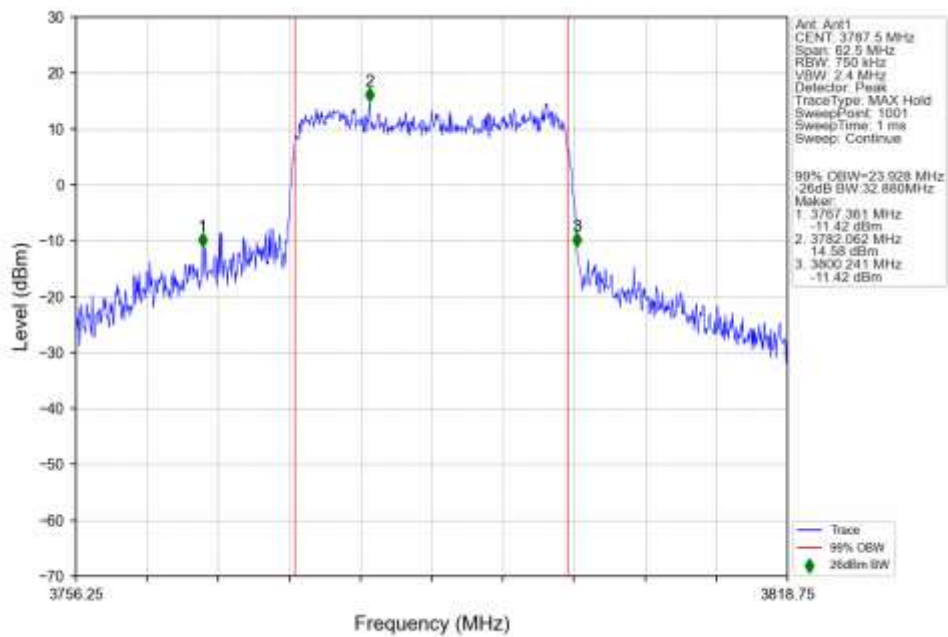
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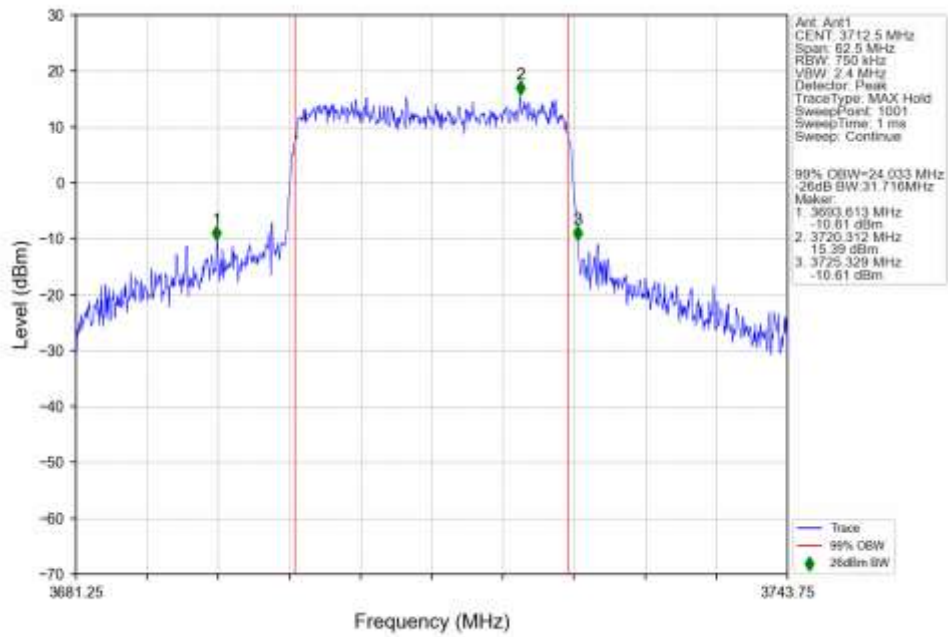
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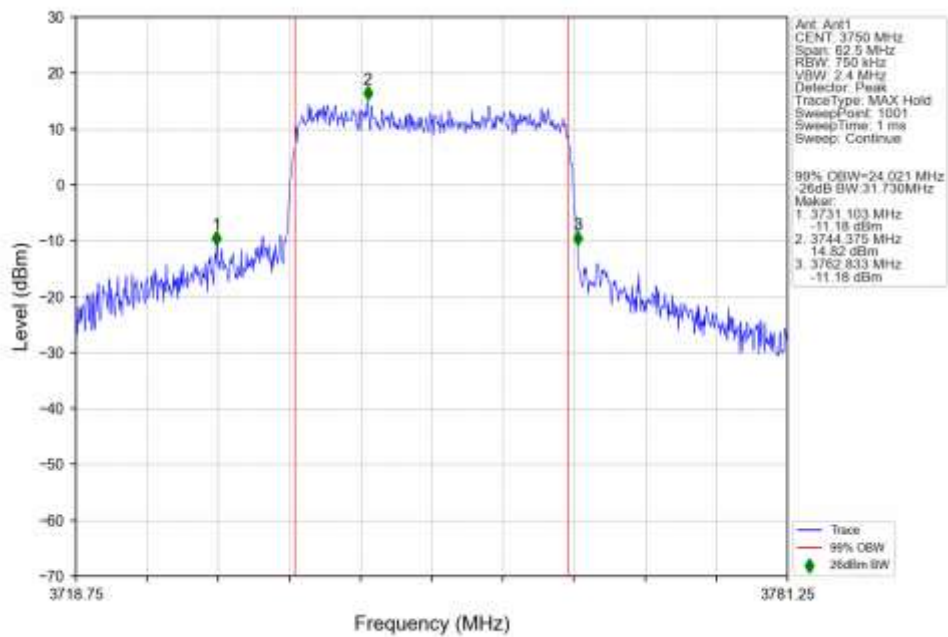
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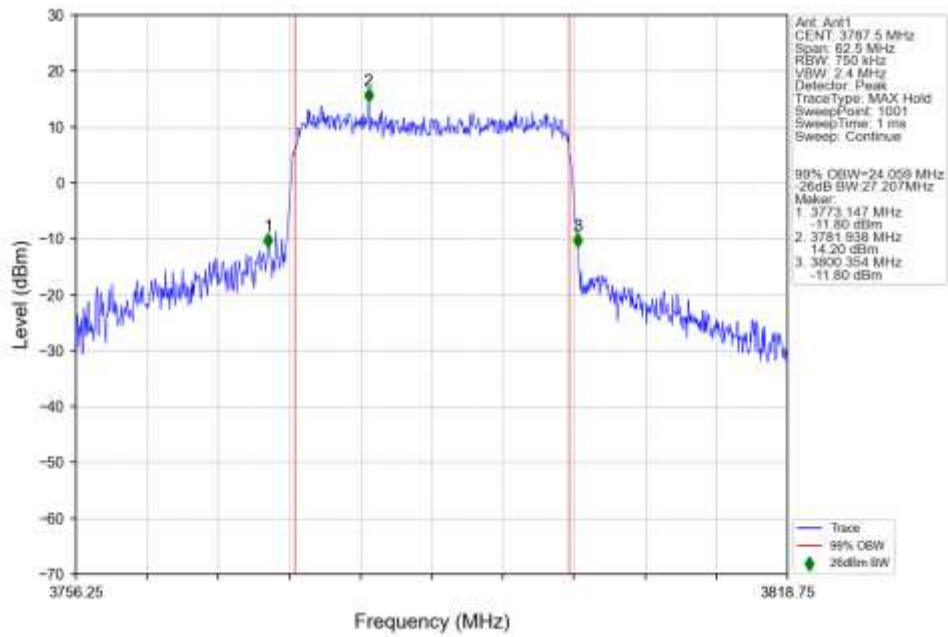
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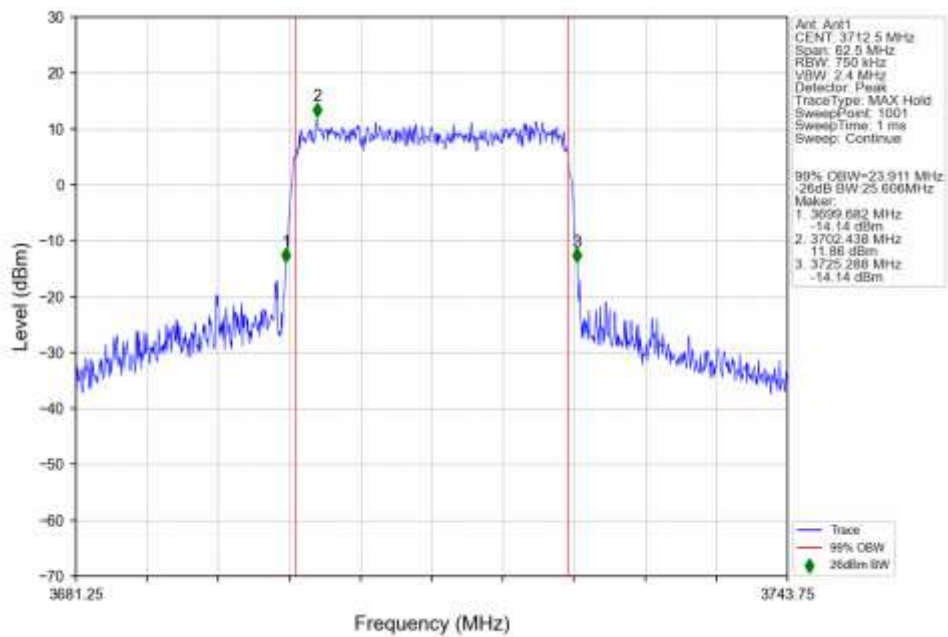
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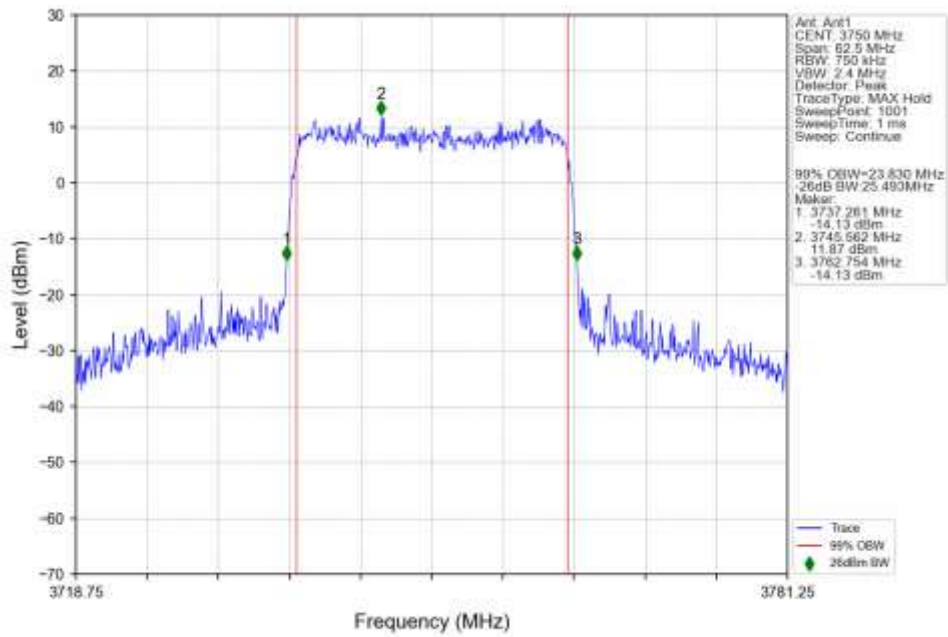
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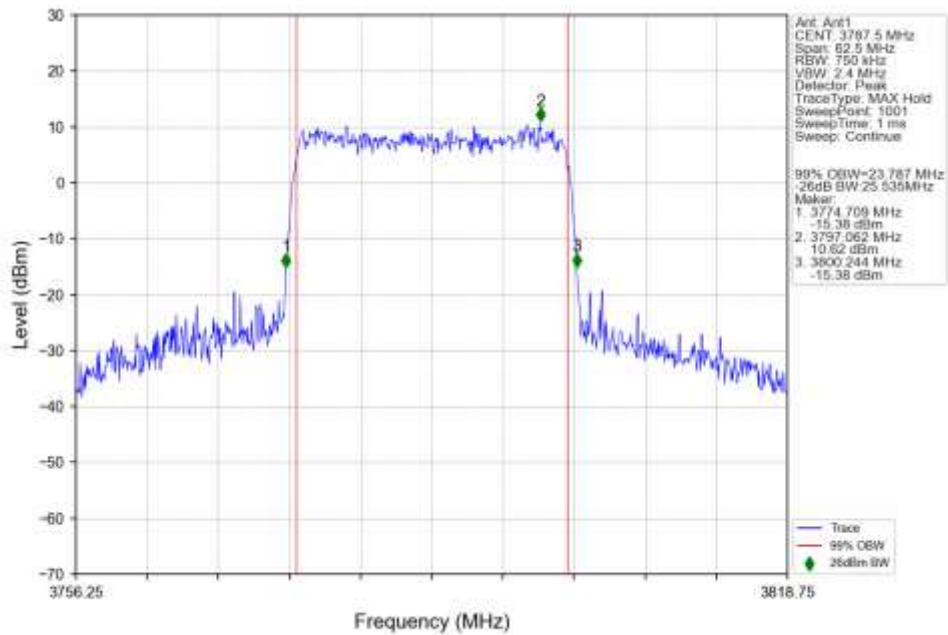
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n78a 15kHz SISO NTN 25MHz CP-OFDM 256 QAM 3750MHz Outer Full Ant1

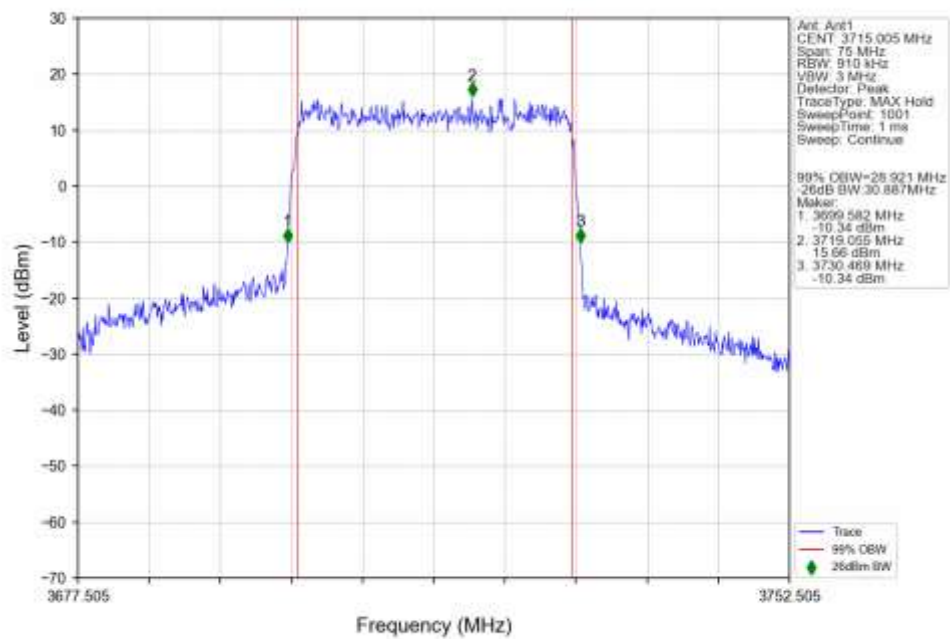


n78a 15kHz SISO NTN 25MHz CP-OFDM 256 QAM 3787.5MHz Outer Full Ant1

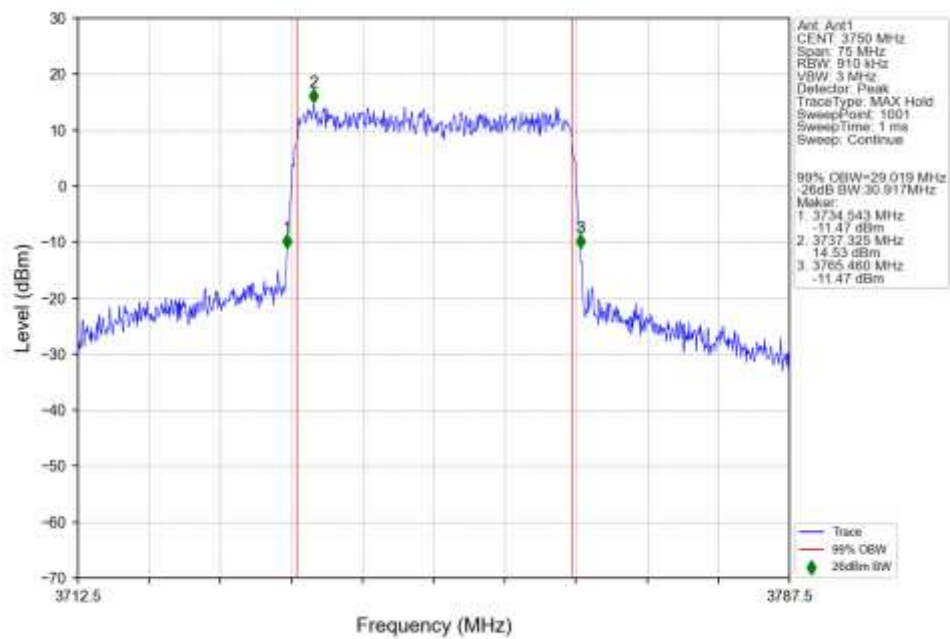


4.2.5 15k_SISO_30MHz_NTNV

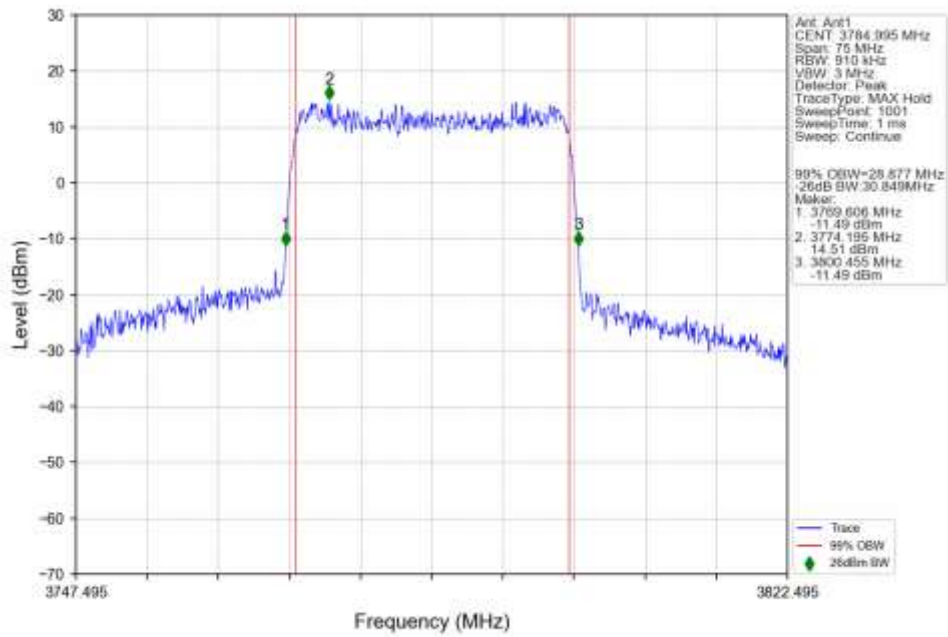
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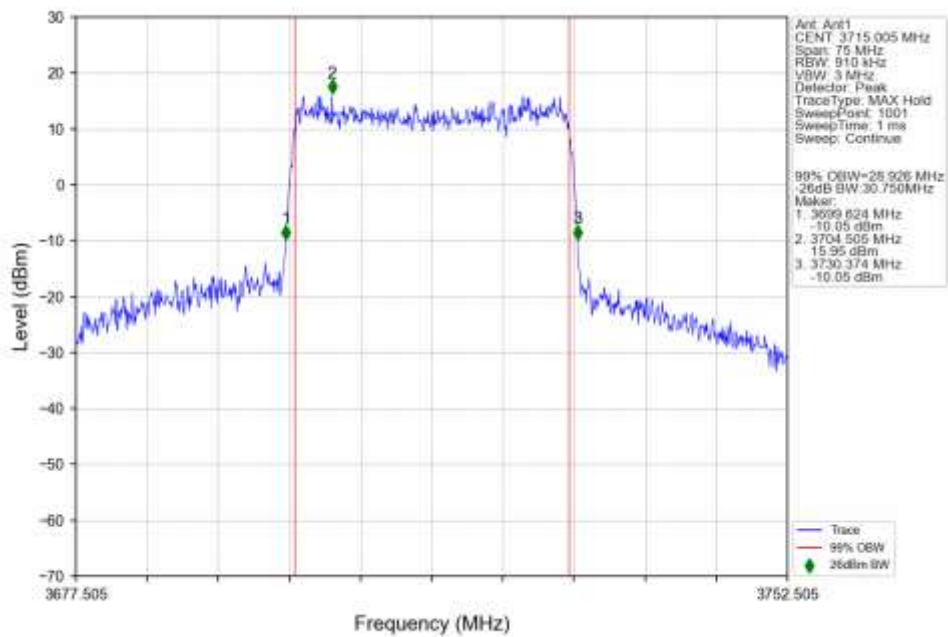
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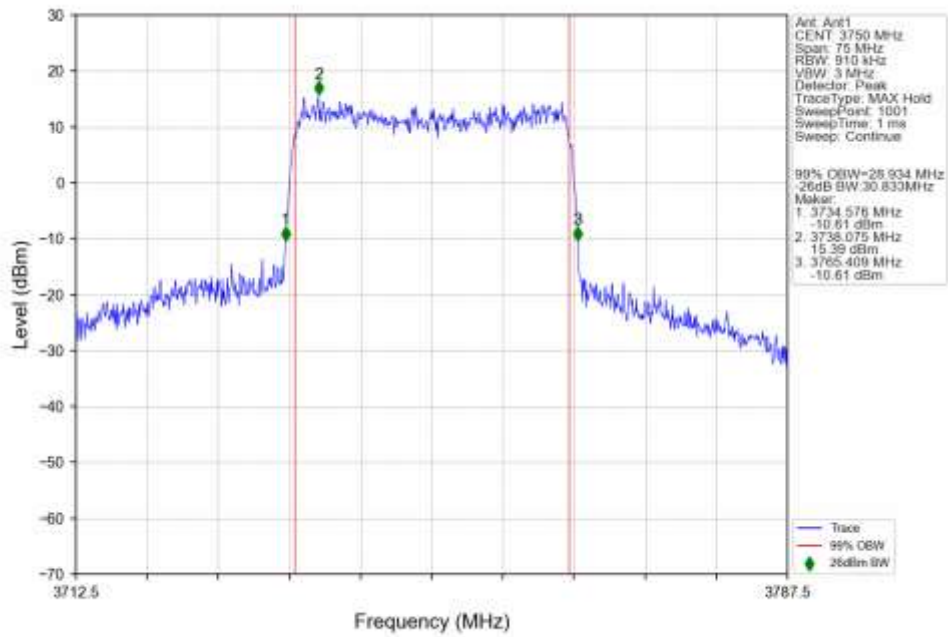
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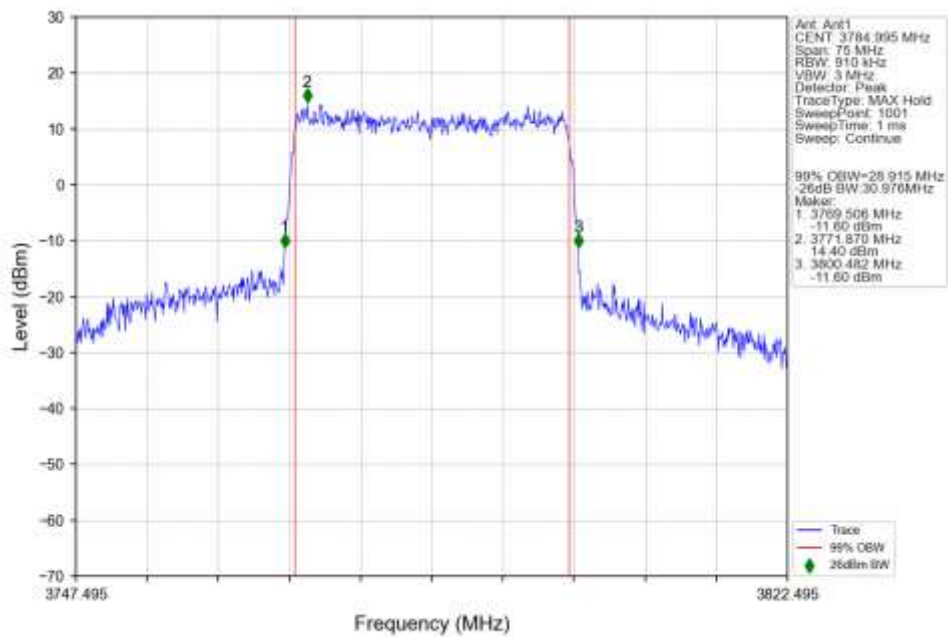
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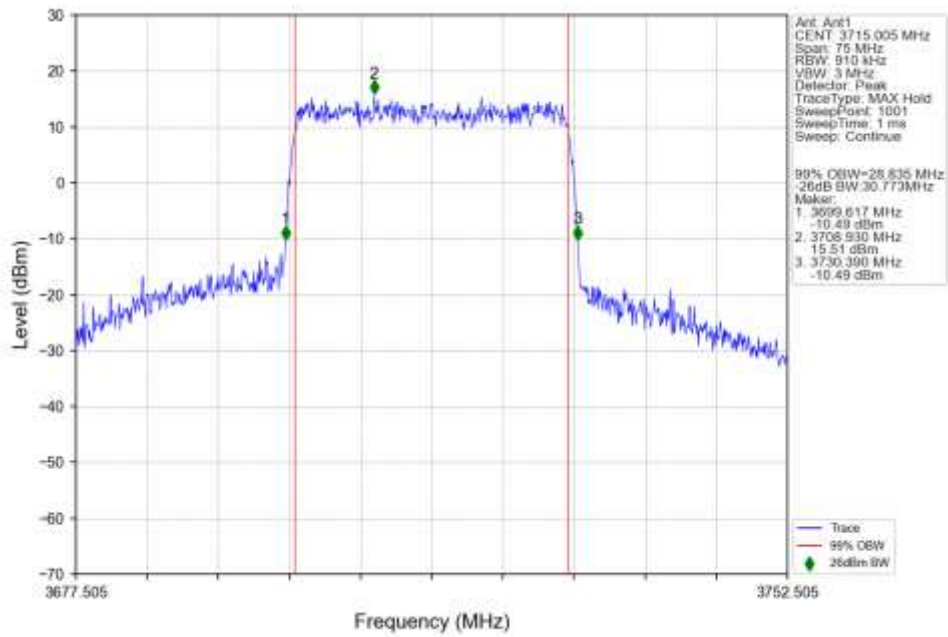
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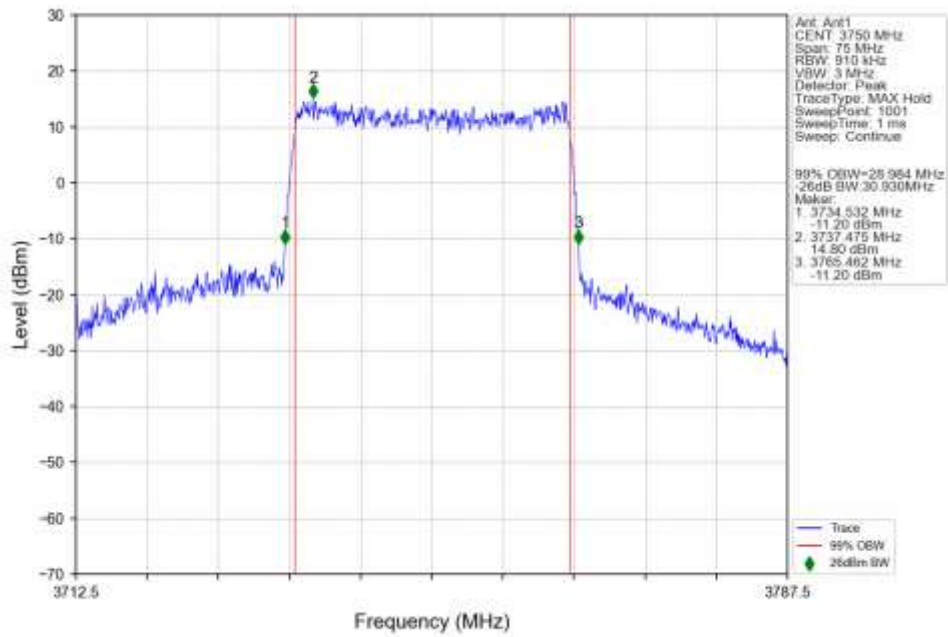
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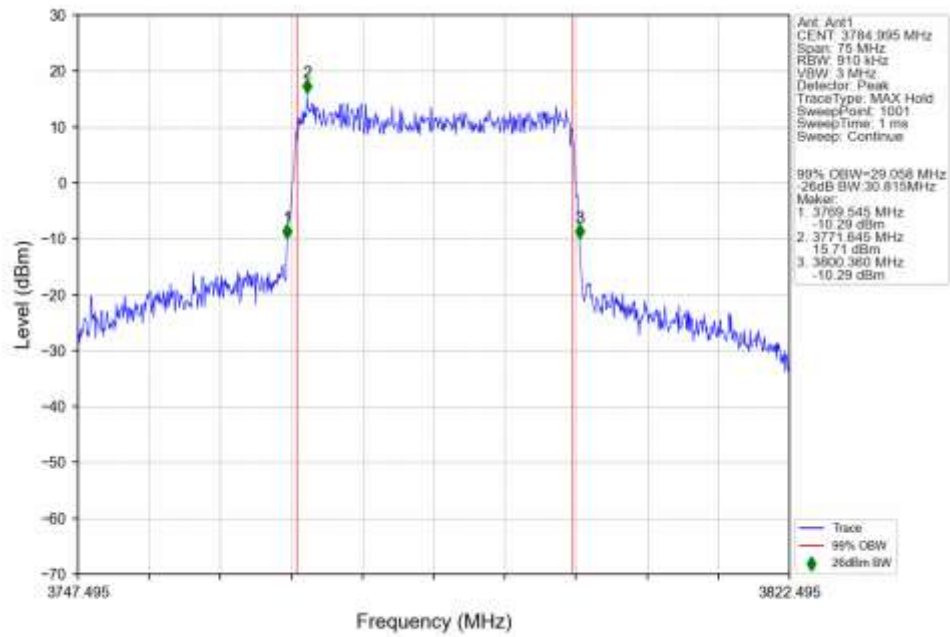
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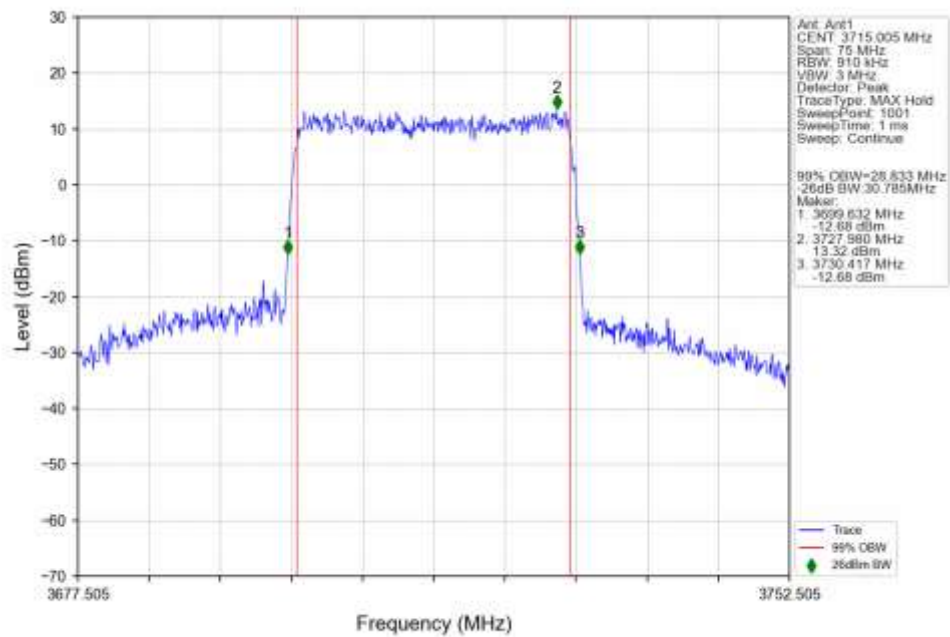
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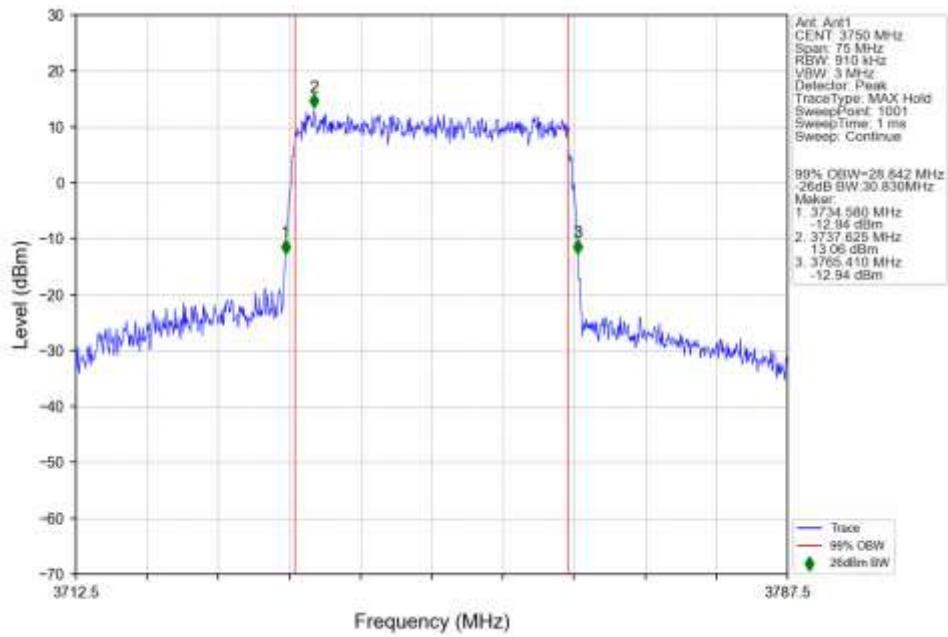
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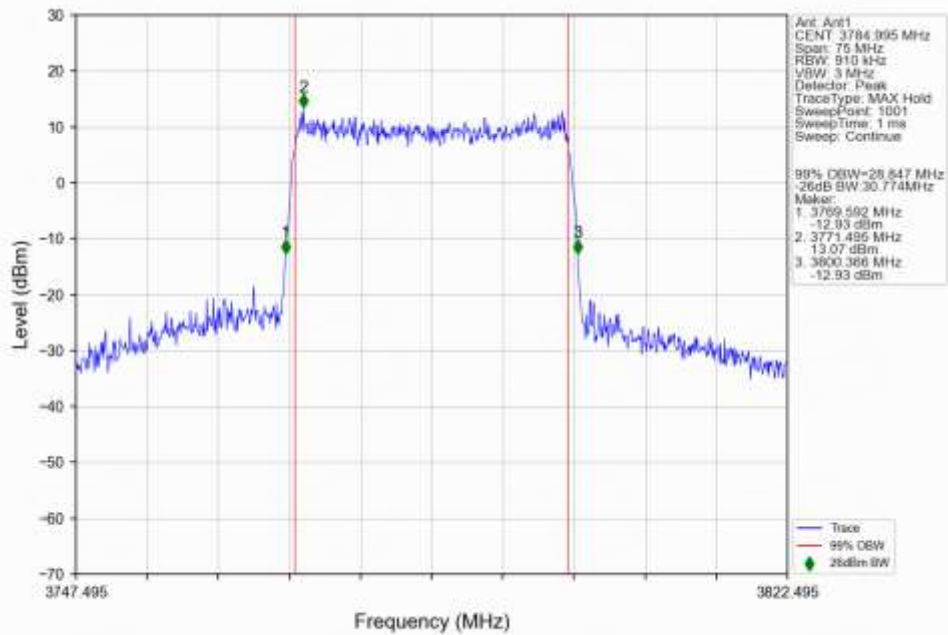
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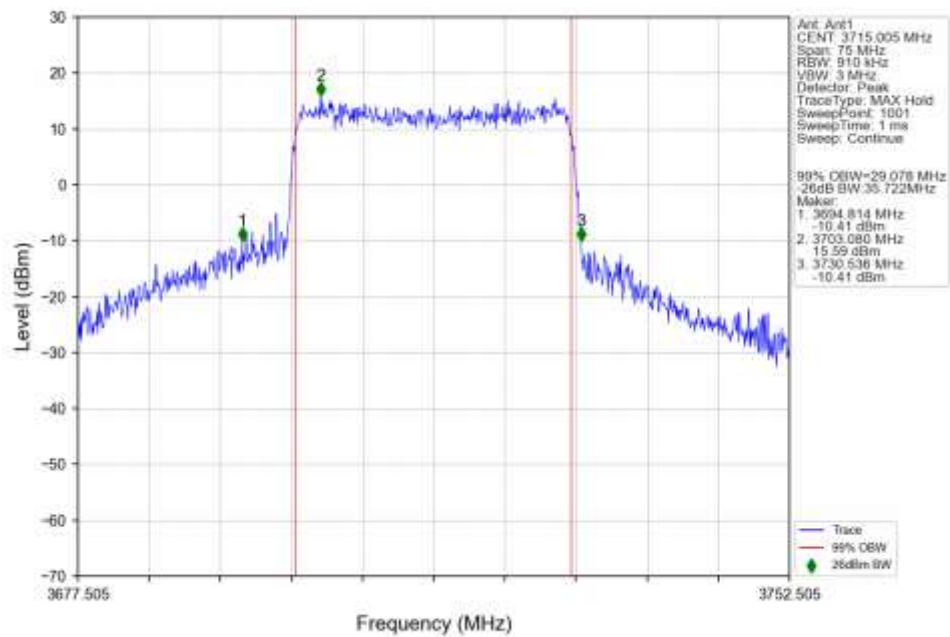
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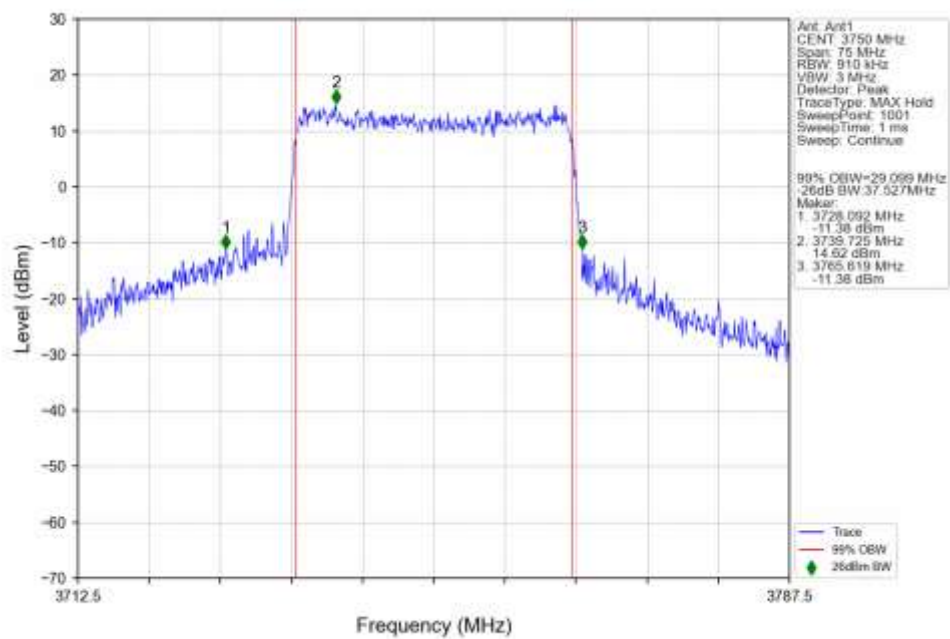
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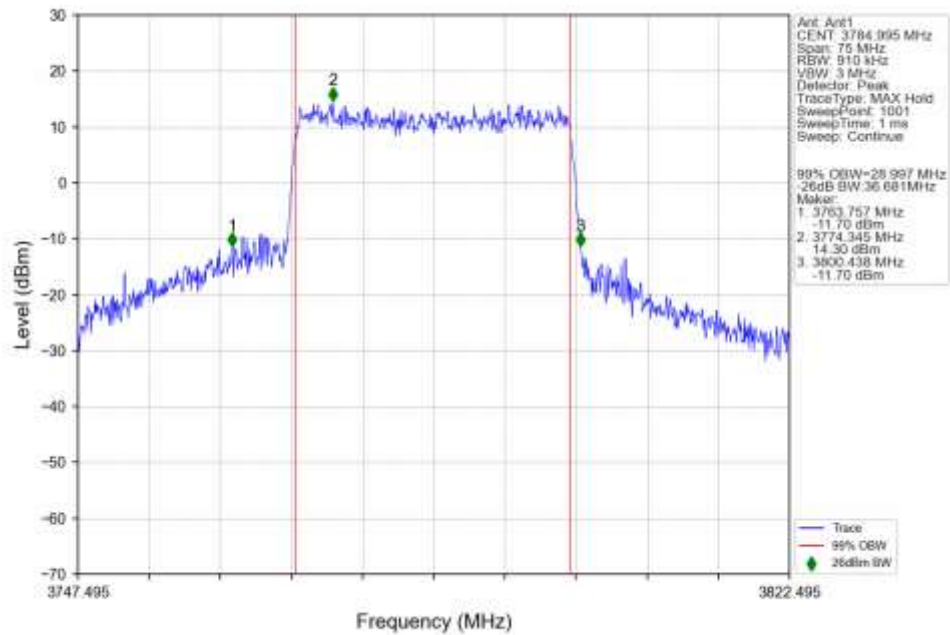
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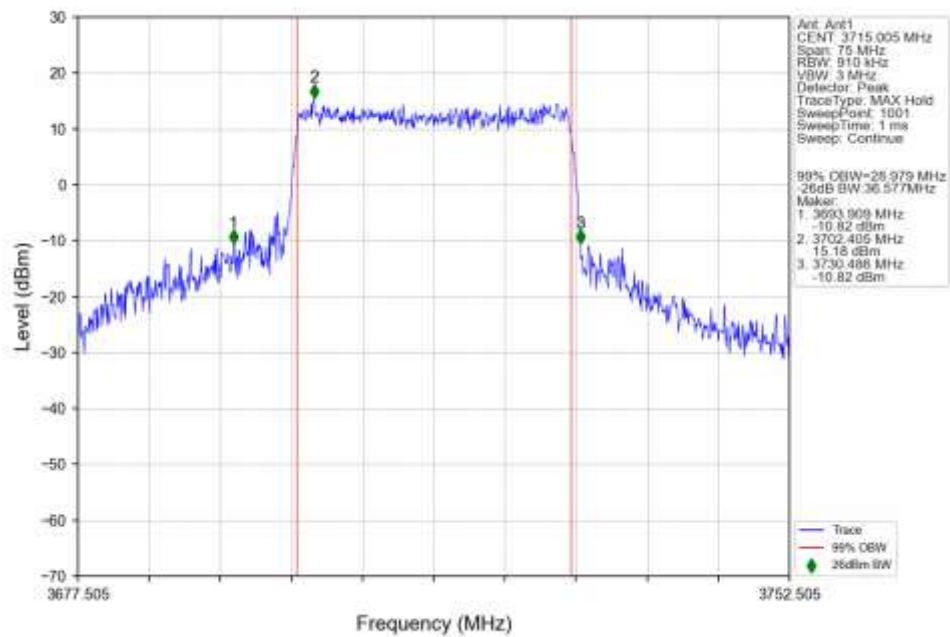
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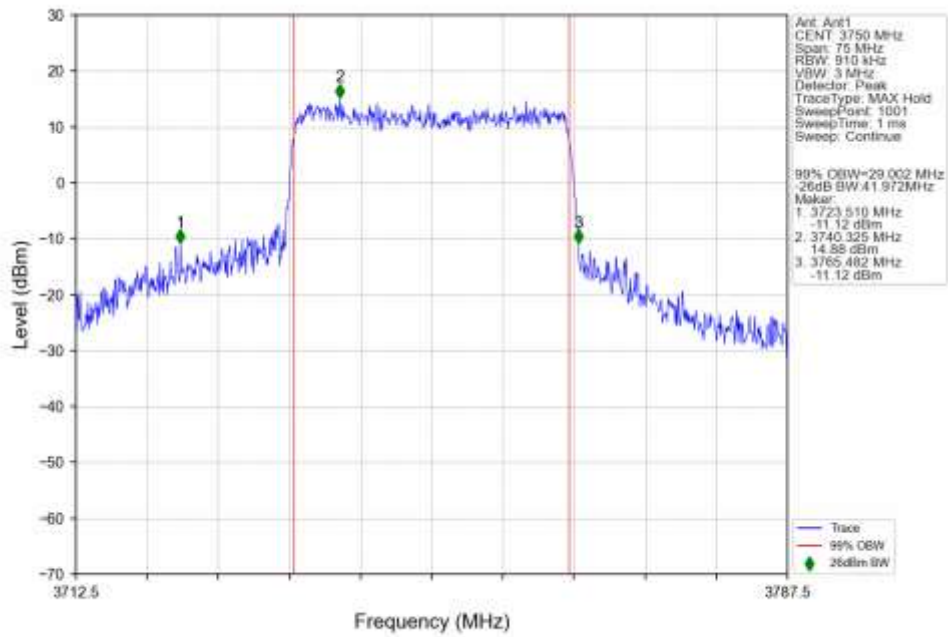
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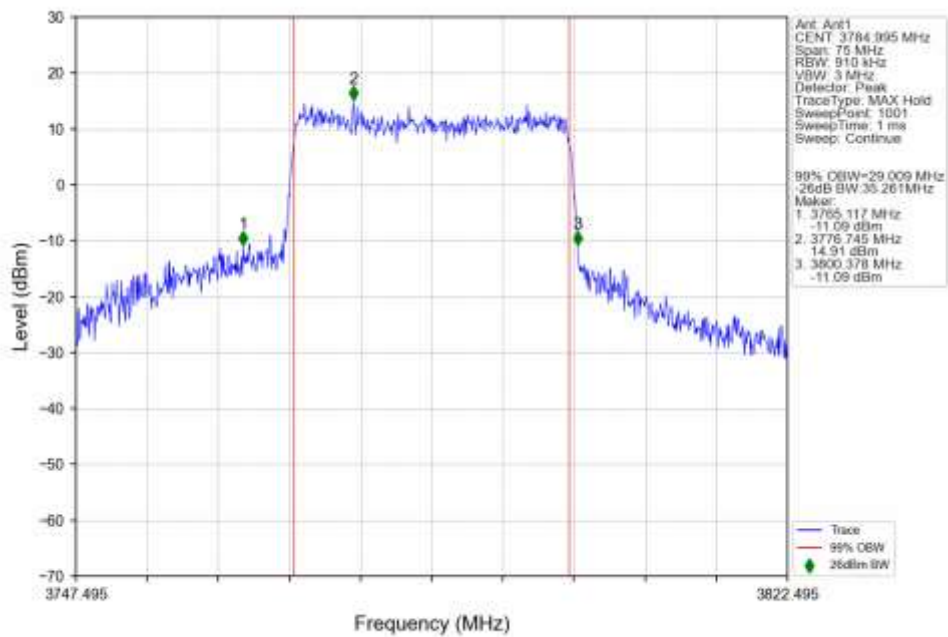
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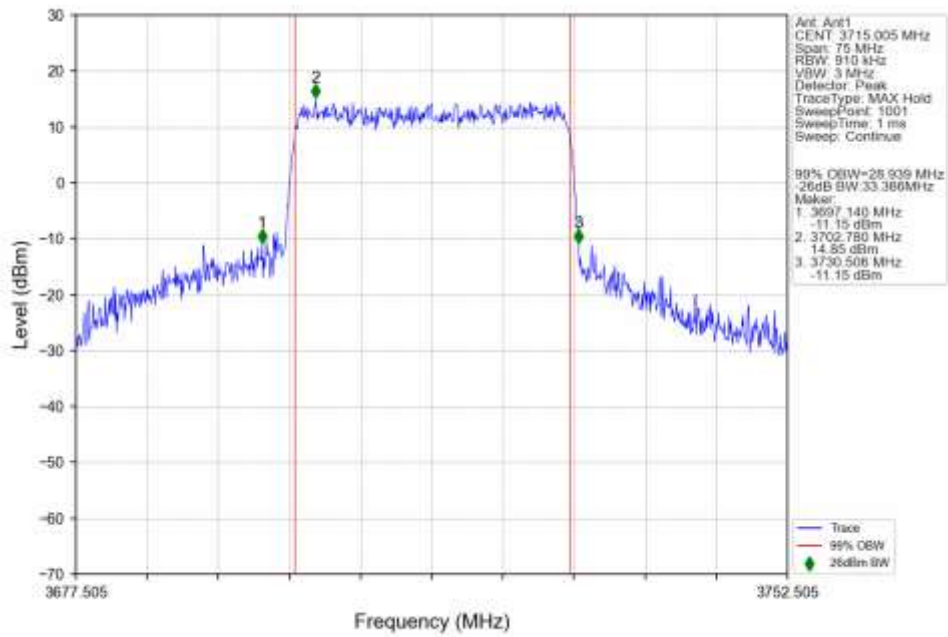
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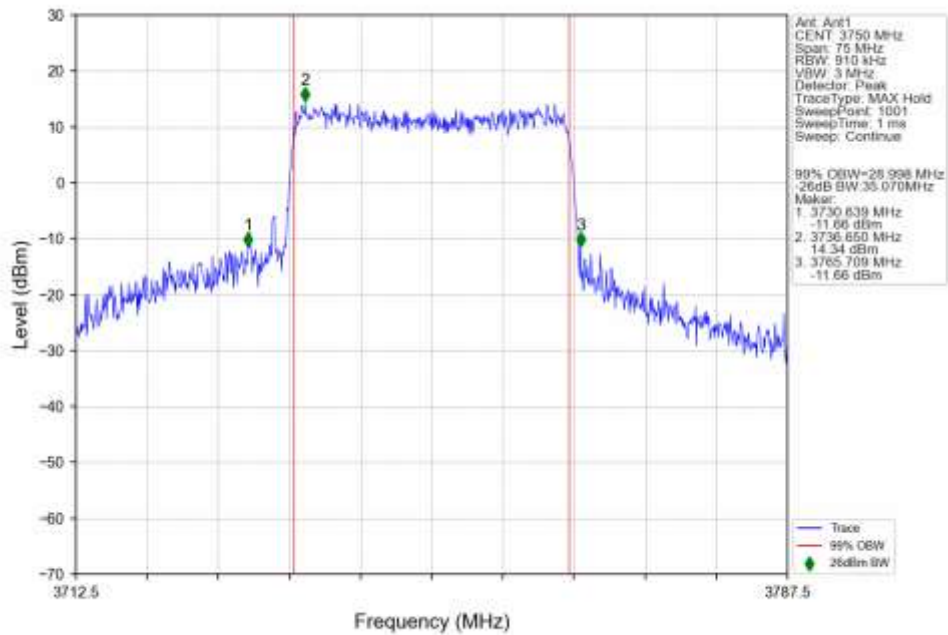
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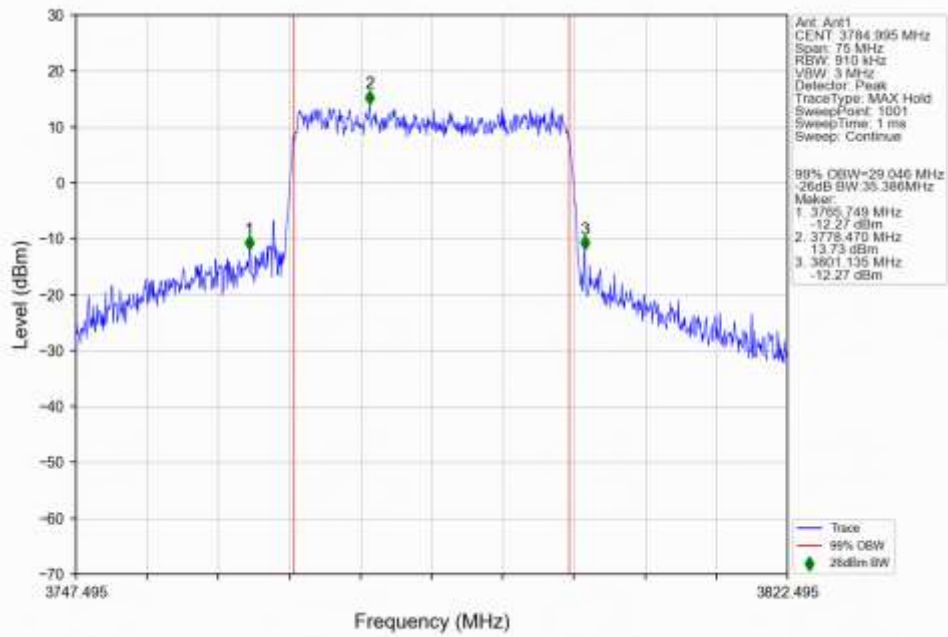
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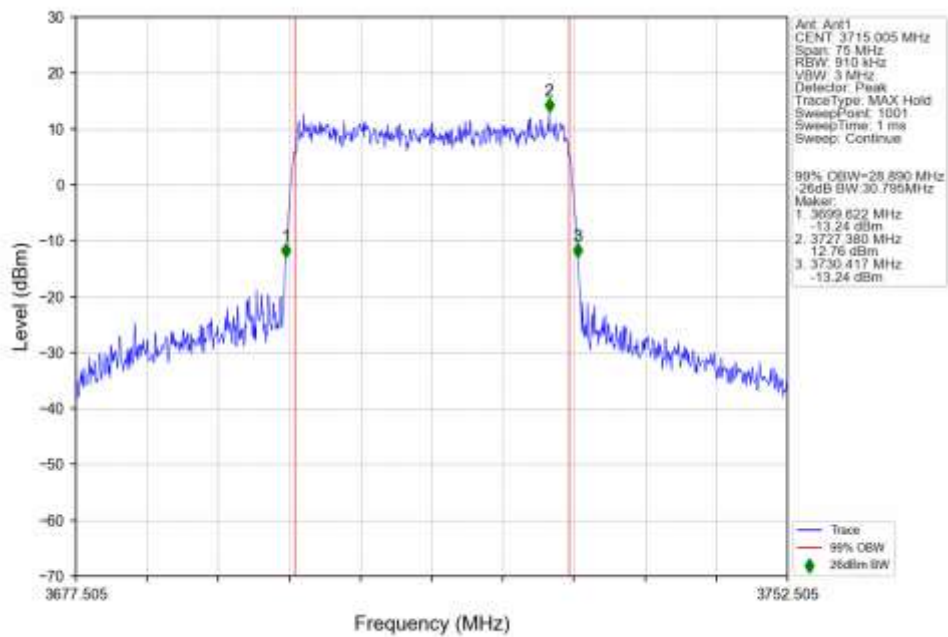
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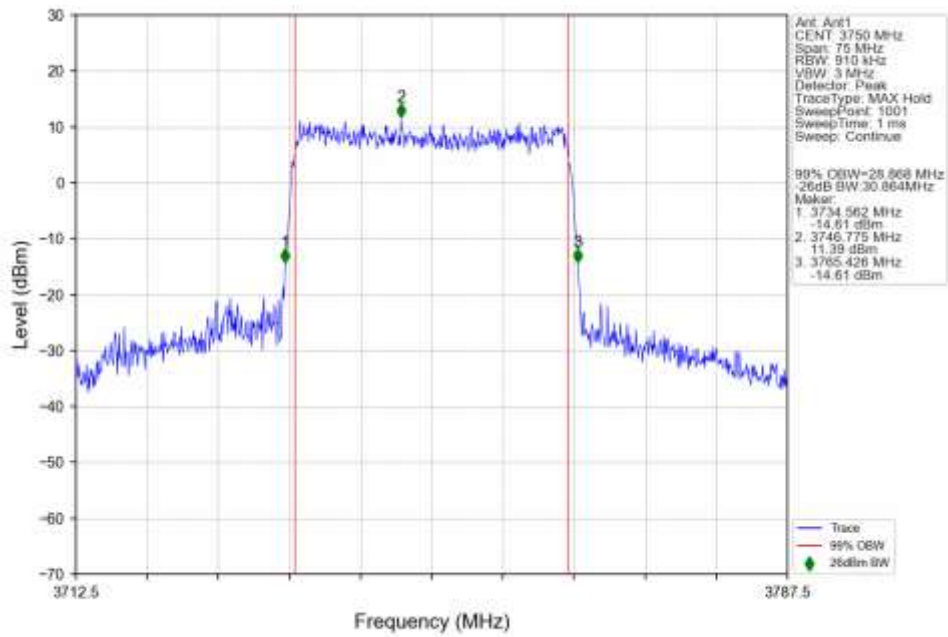
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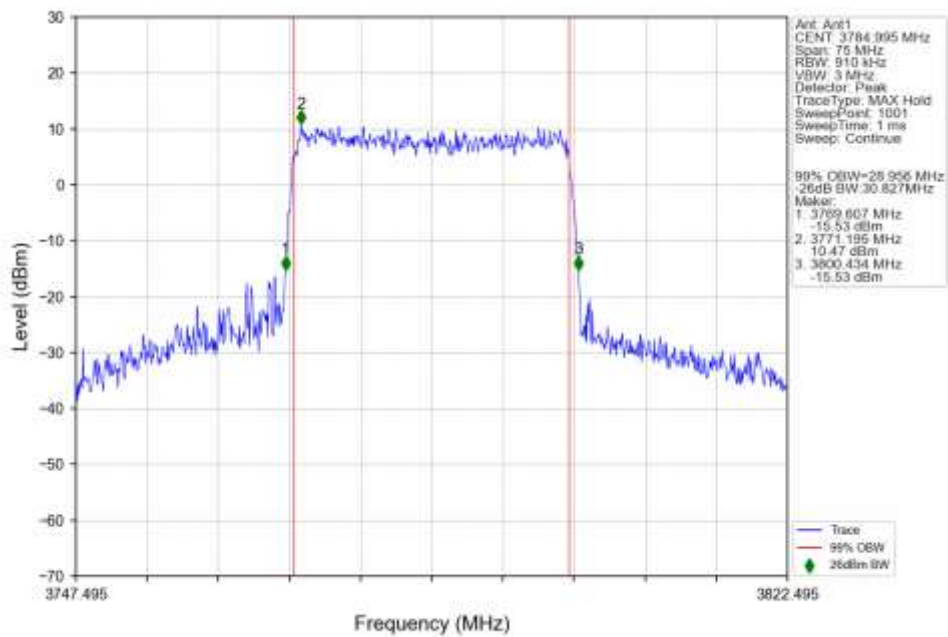
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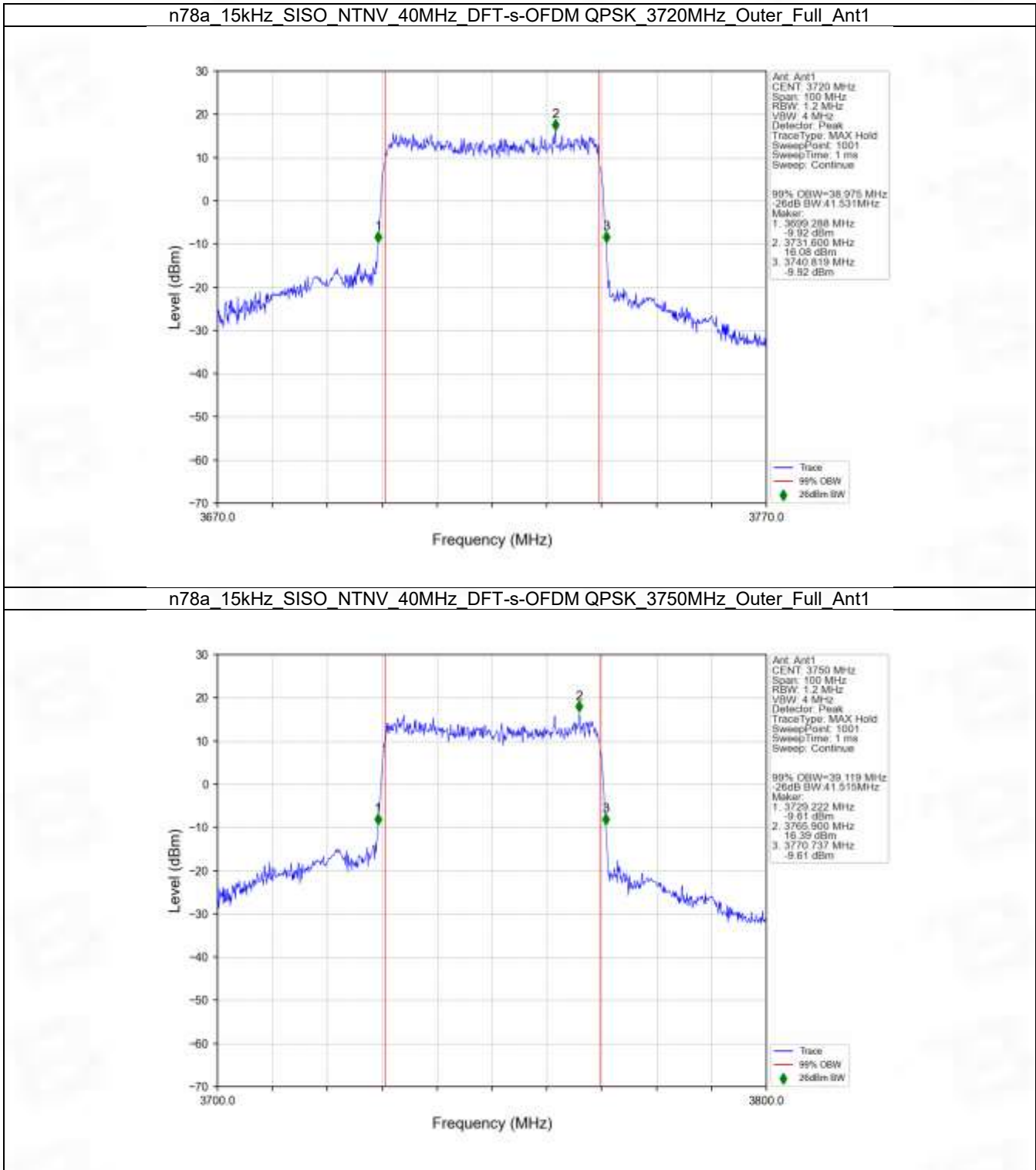
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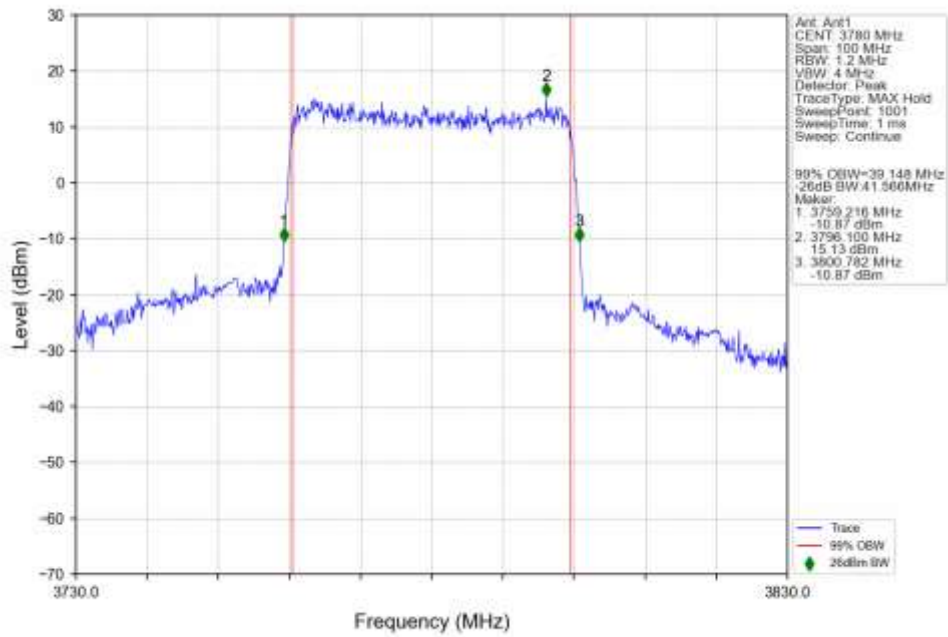
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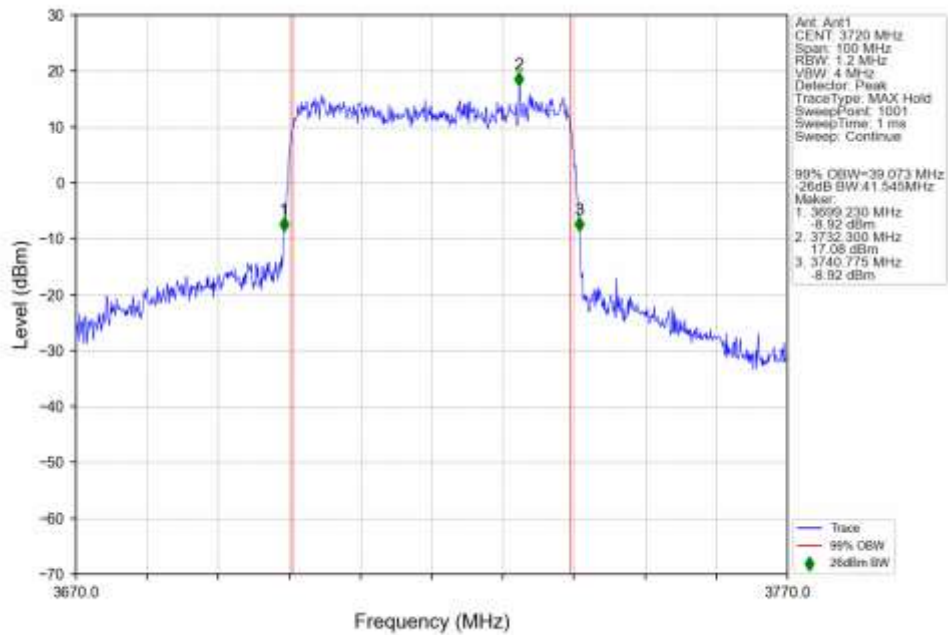
4.2.6 15k_SISO_40MHz_NTNV



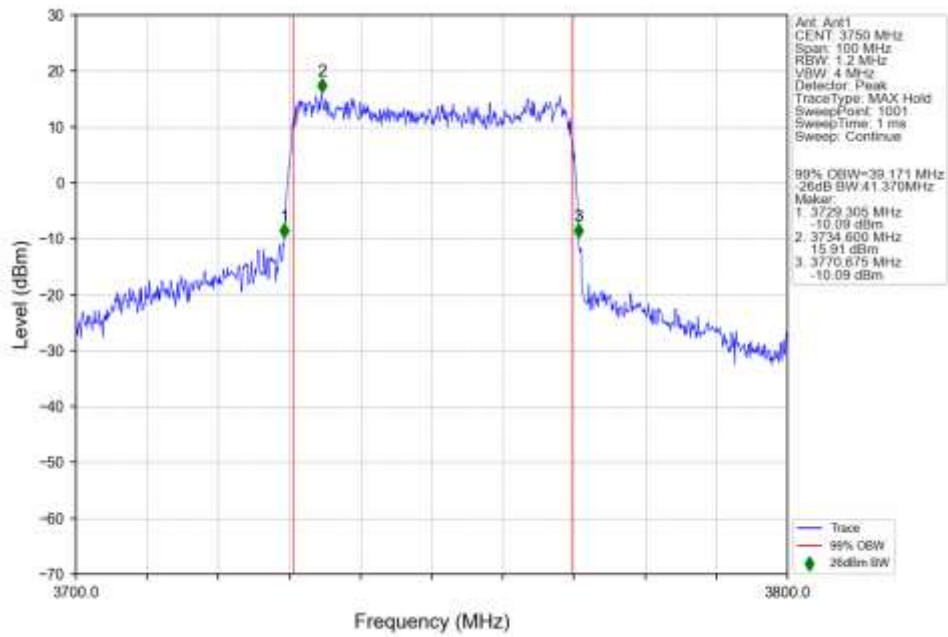
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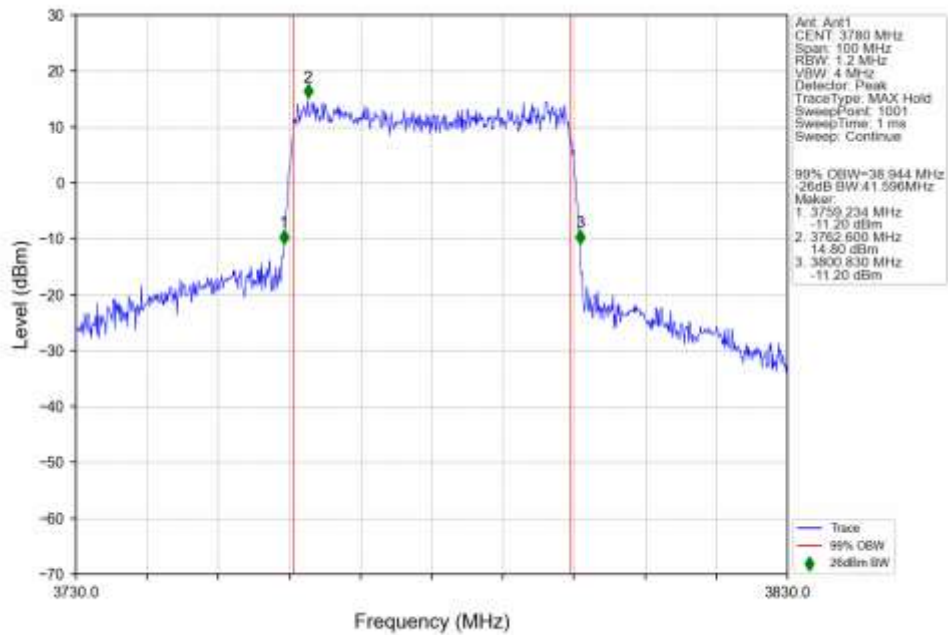
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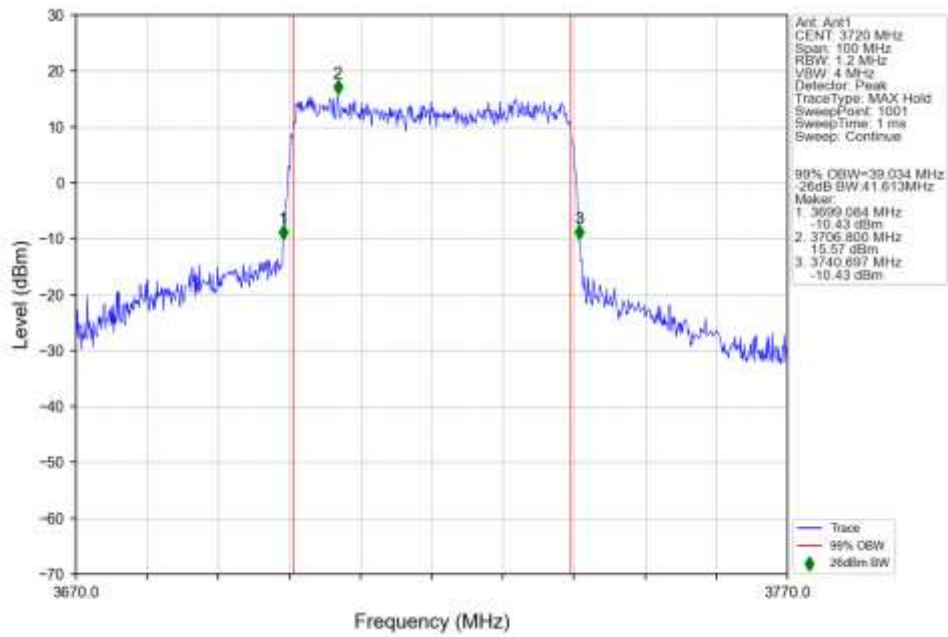
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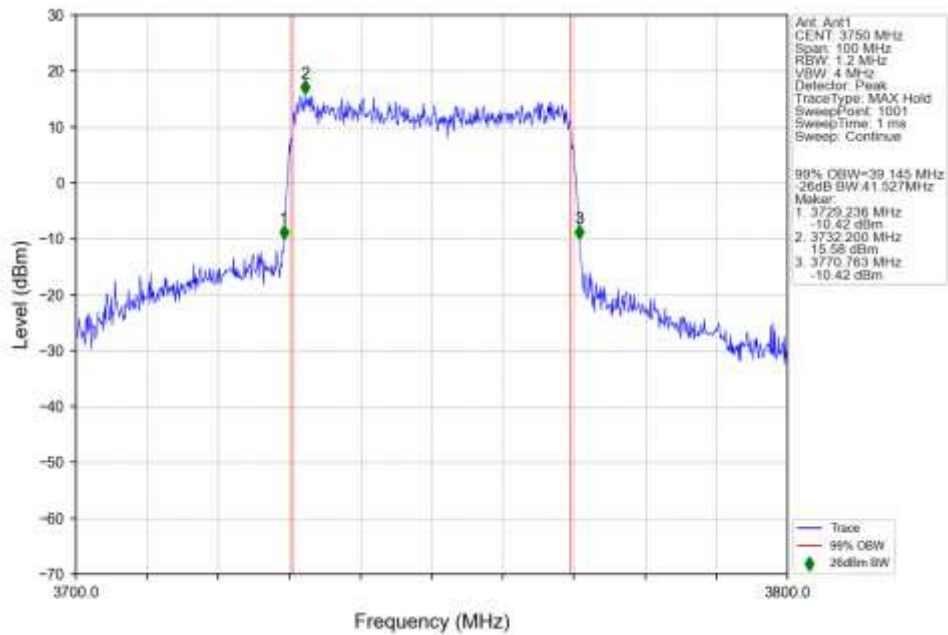
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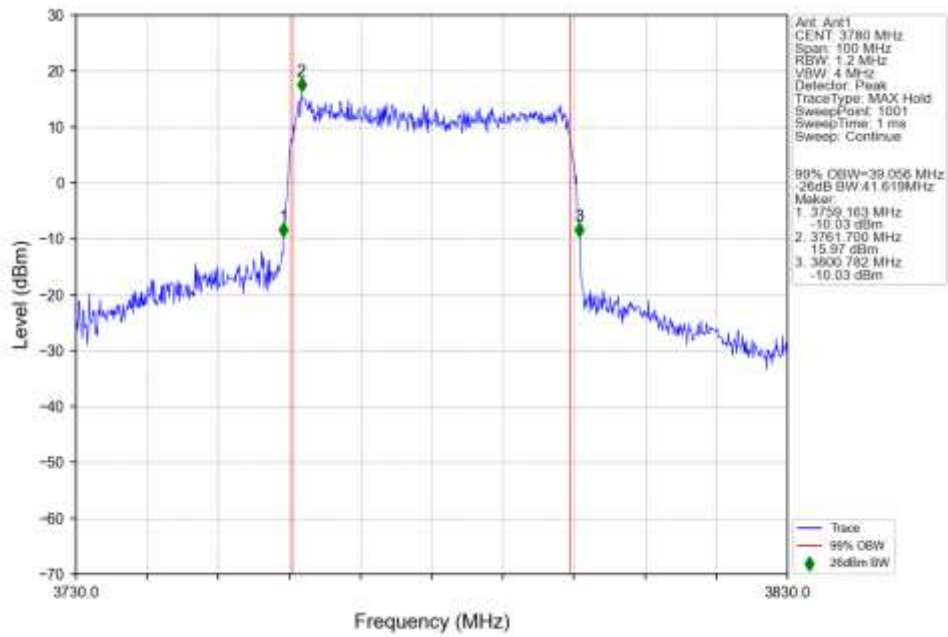
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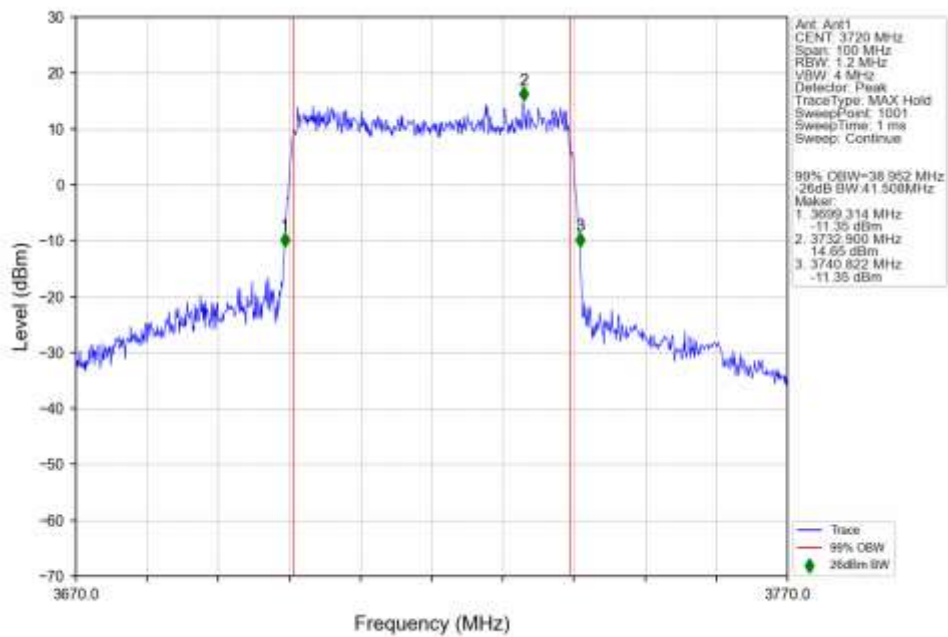
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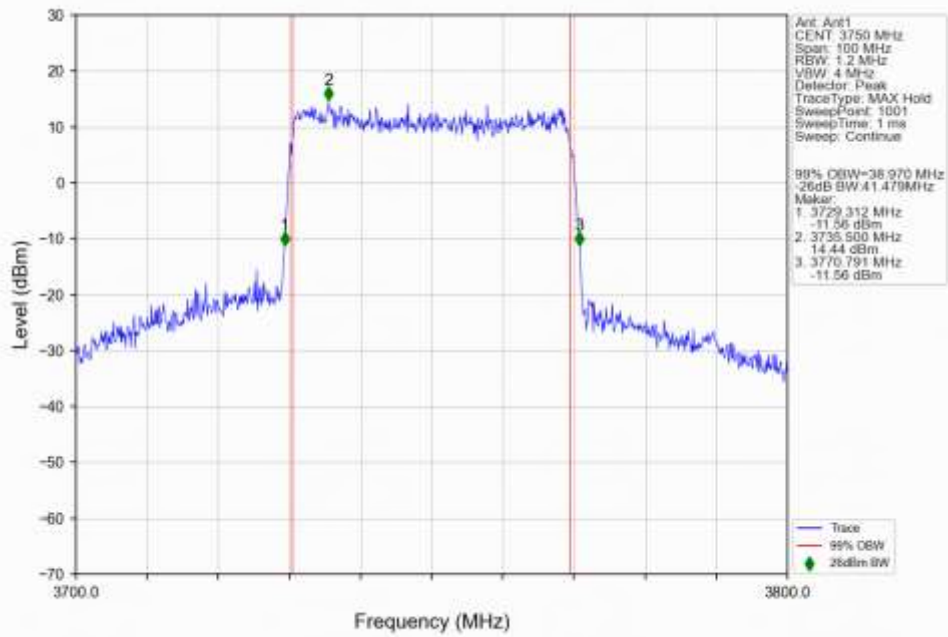
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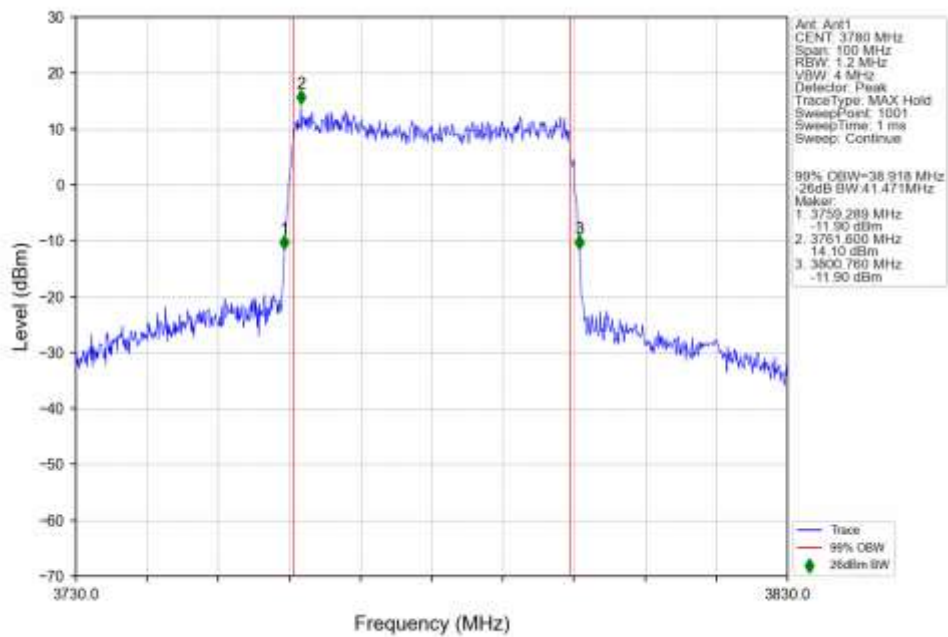
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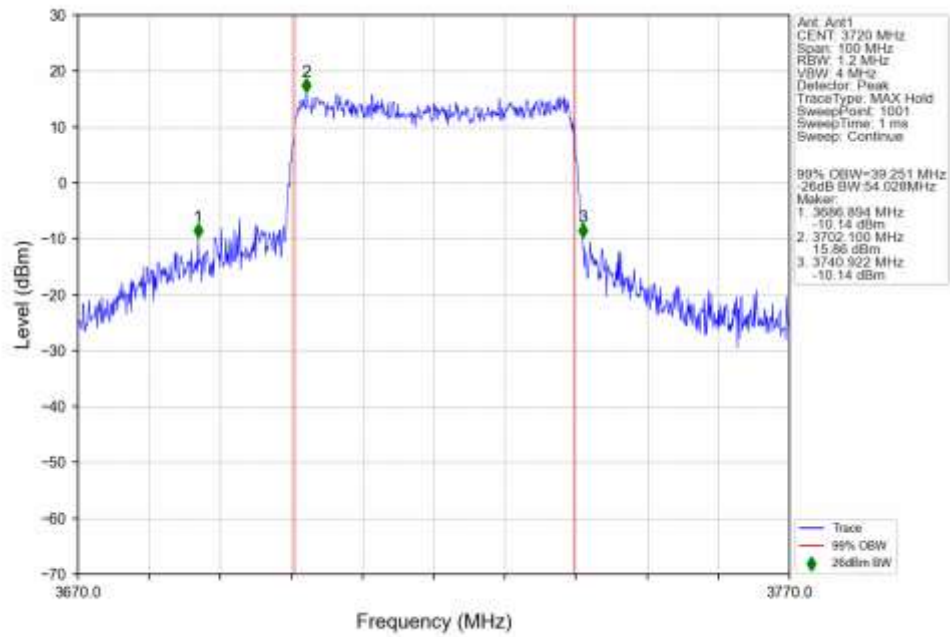
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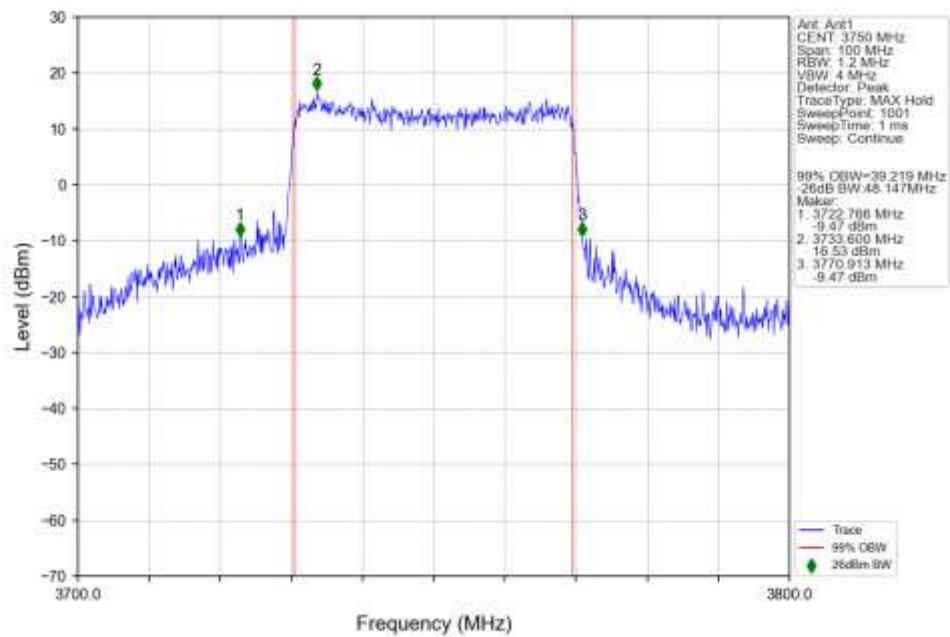
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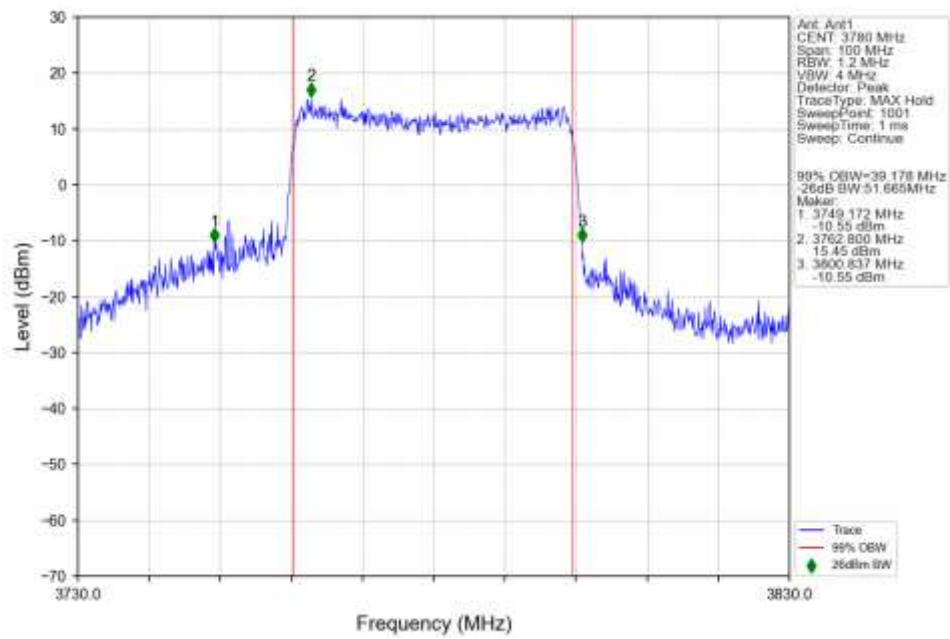
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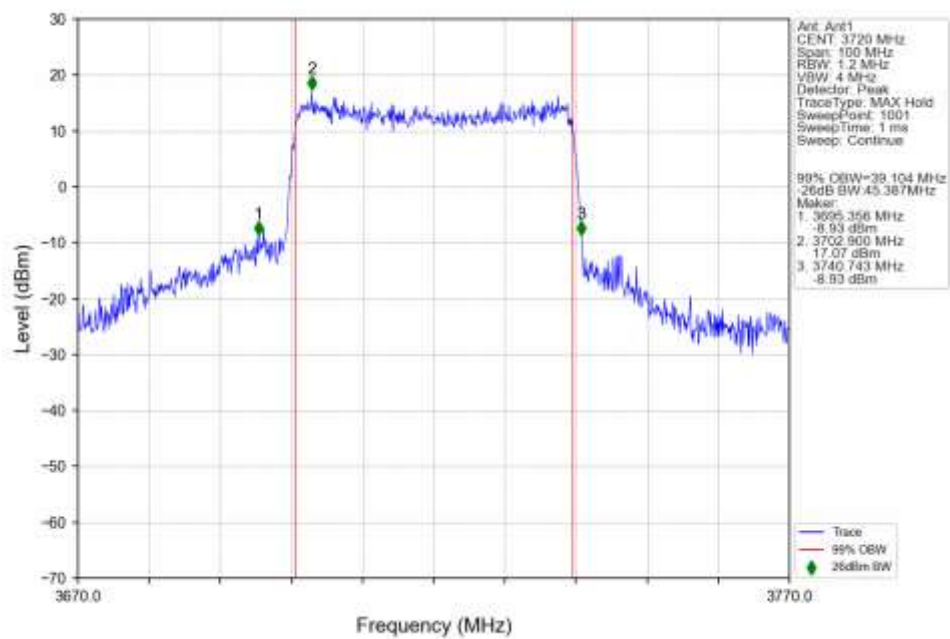
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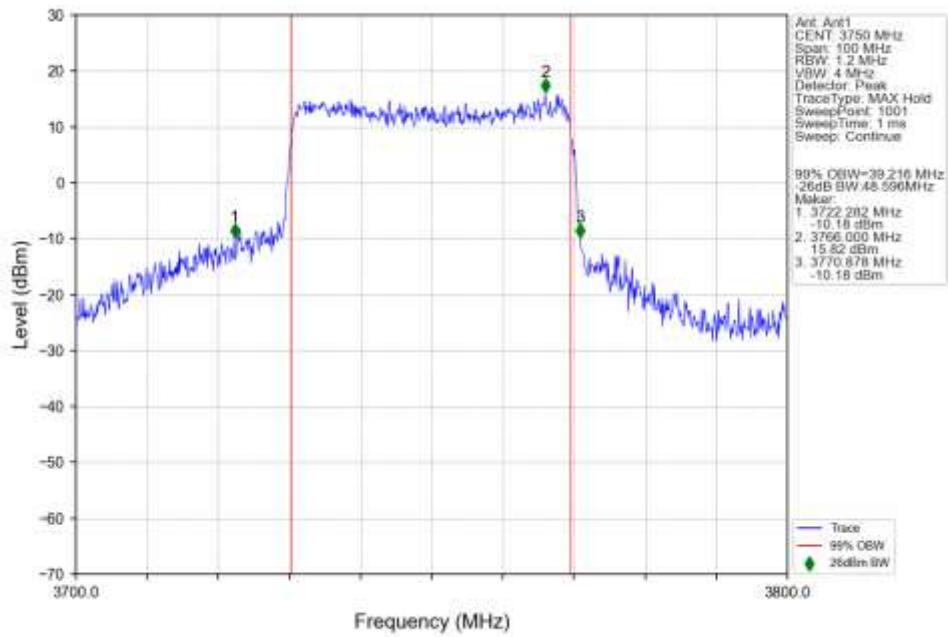
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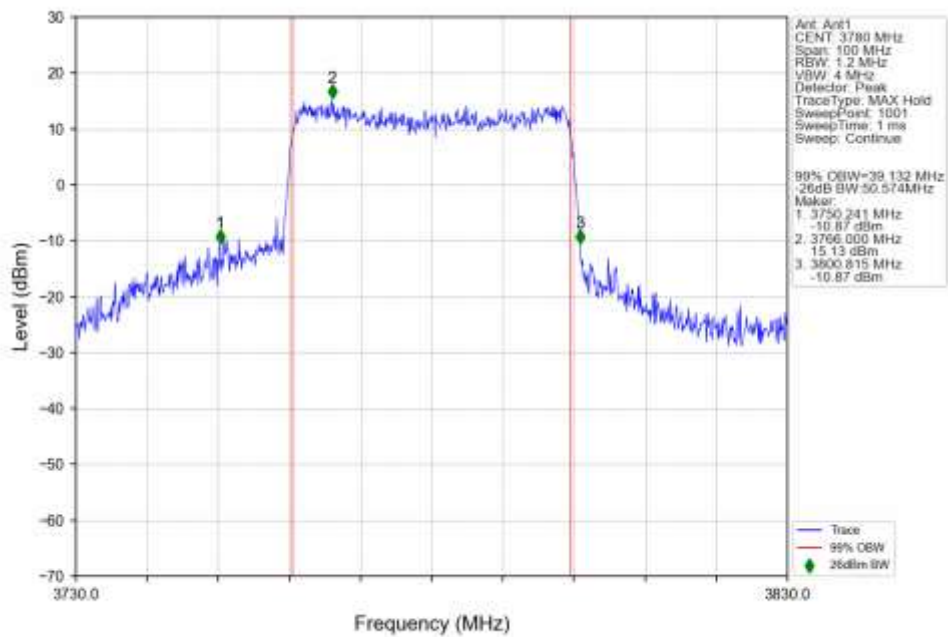
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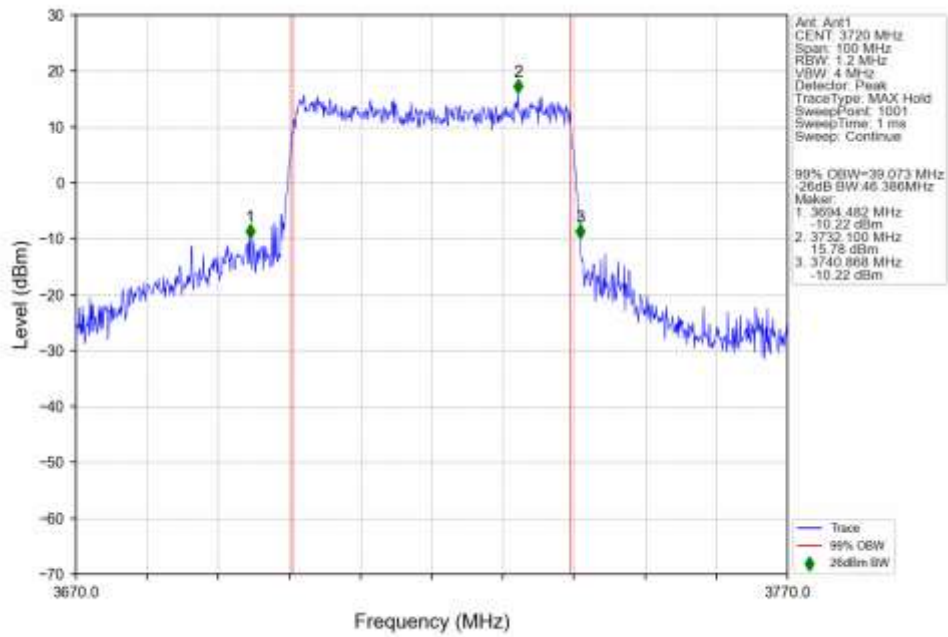
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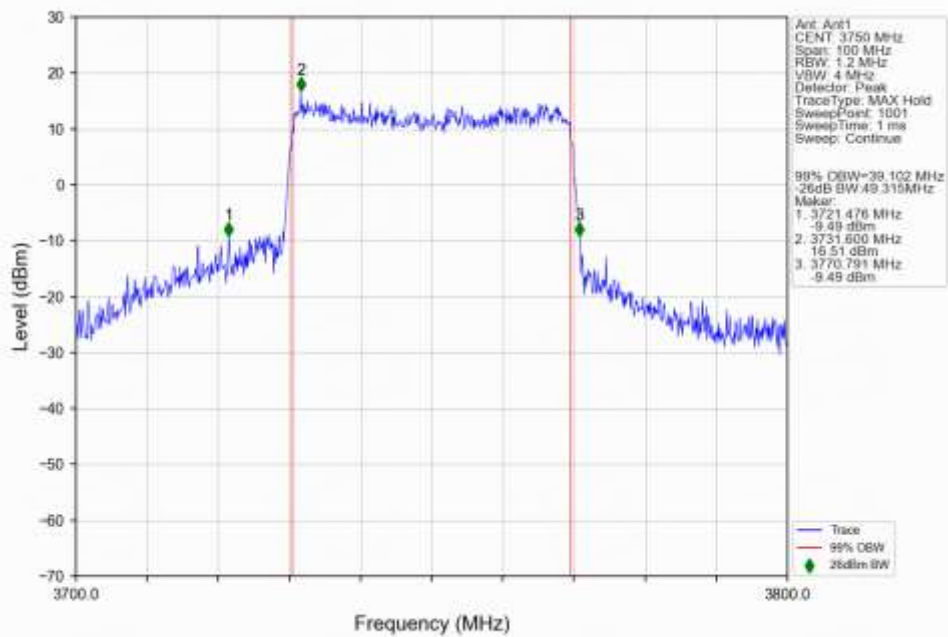
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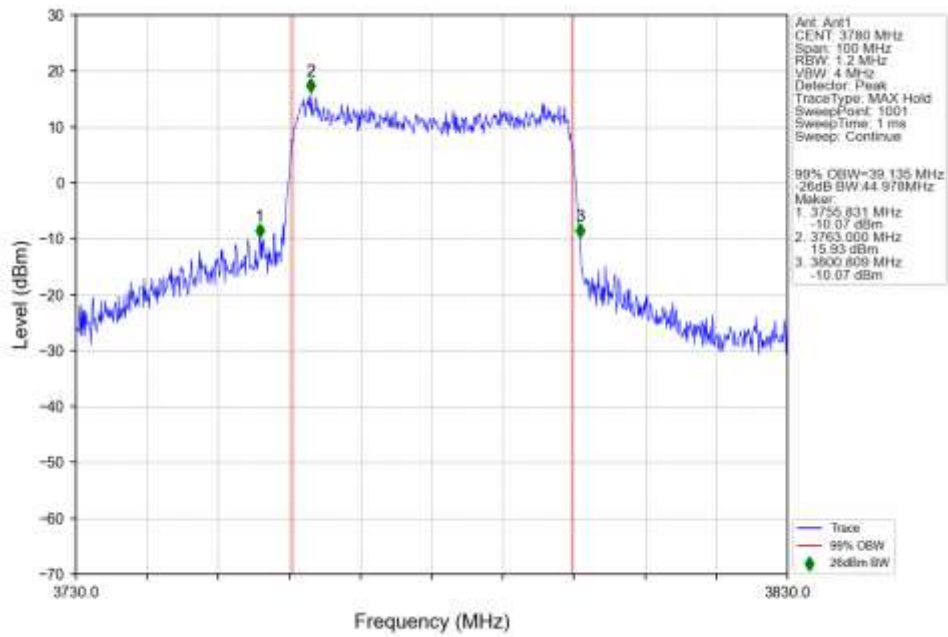
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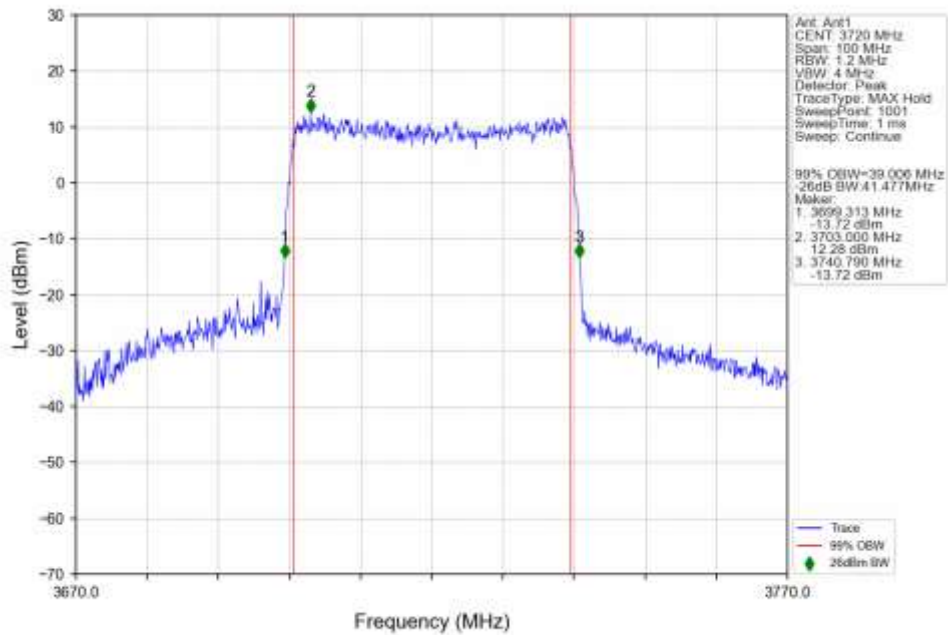
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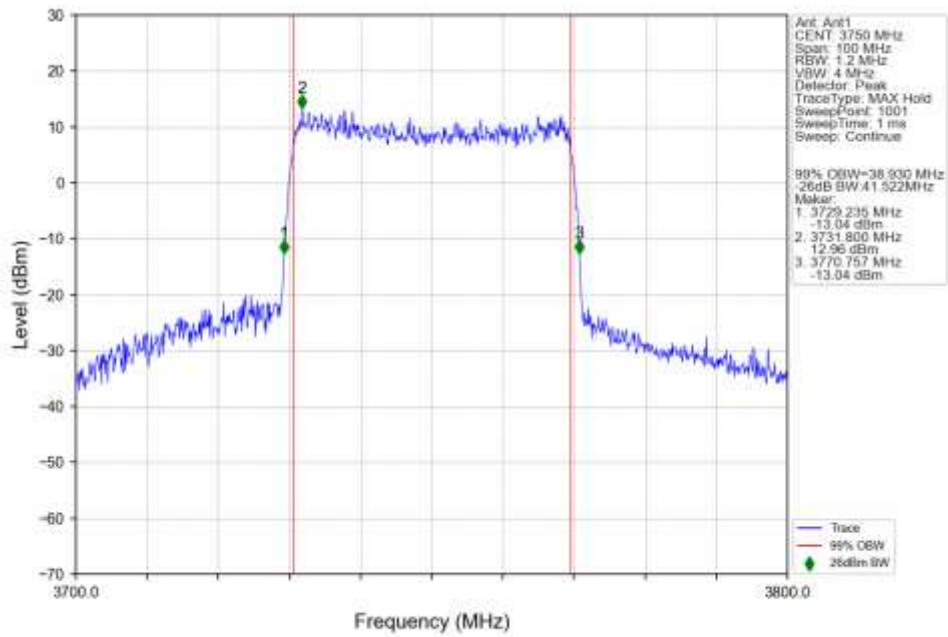
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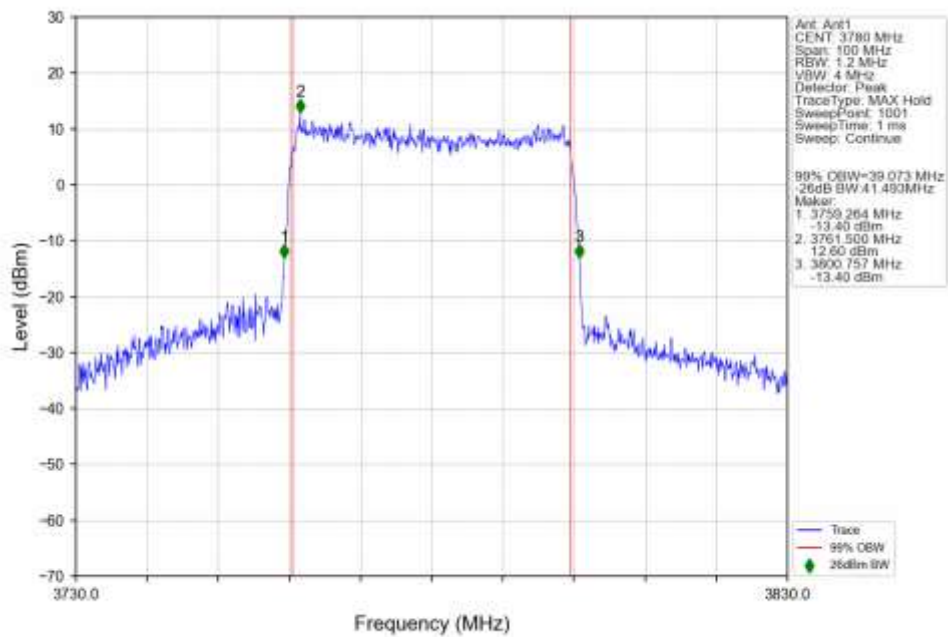
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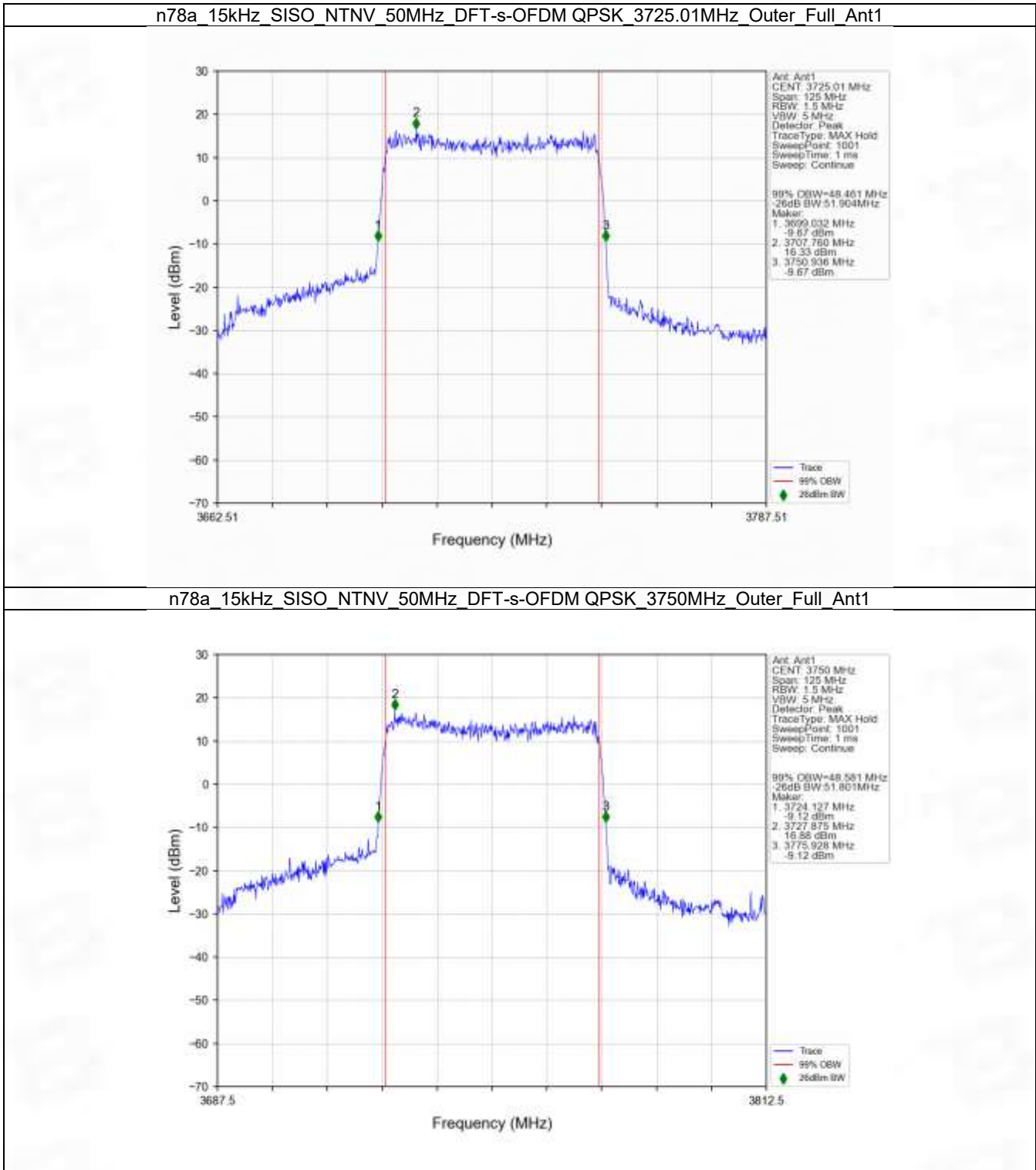
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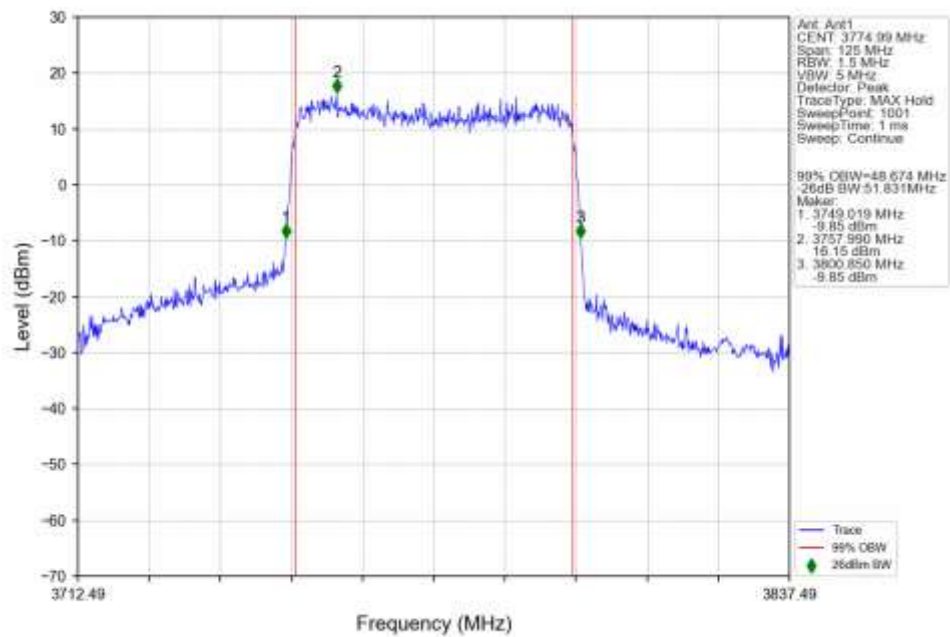
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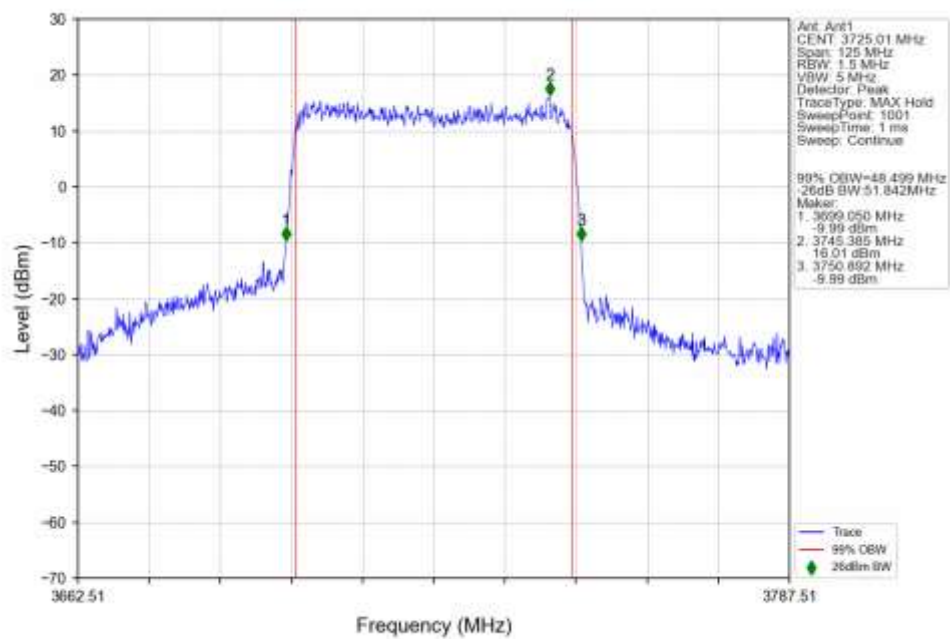
4.2.7 15k_SISO_50MHz_NTNV



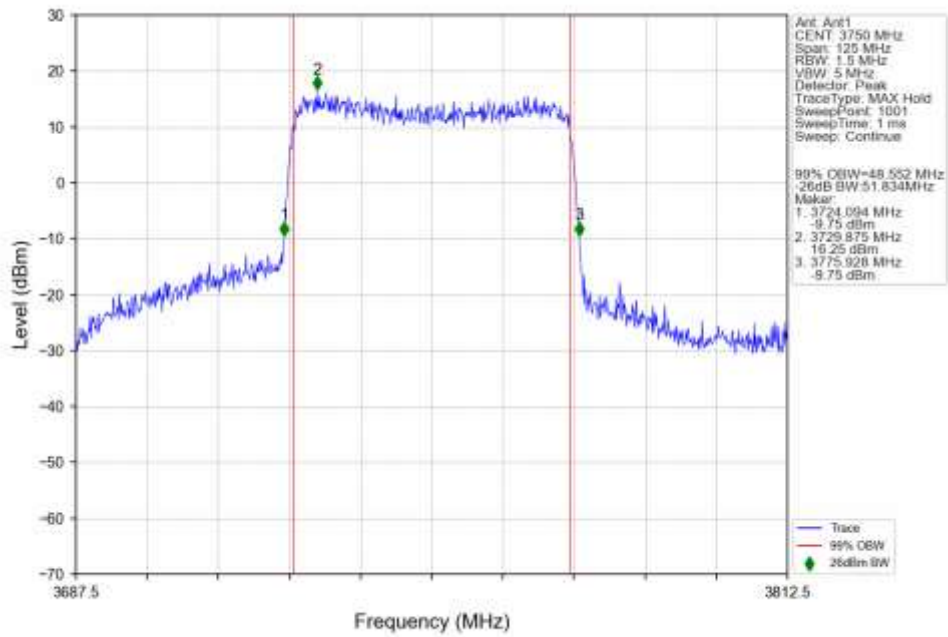
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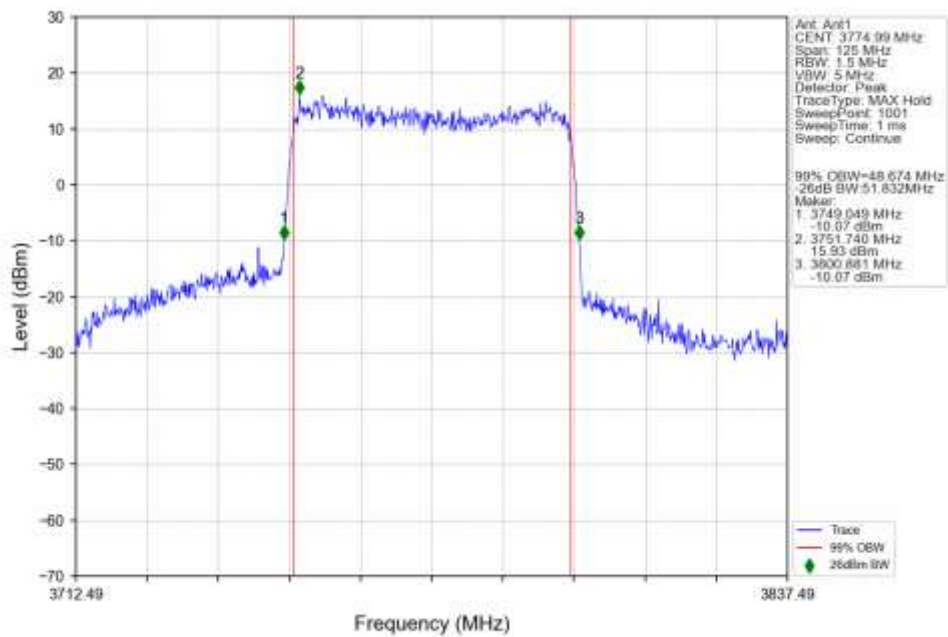
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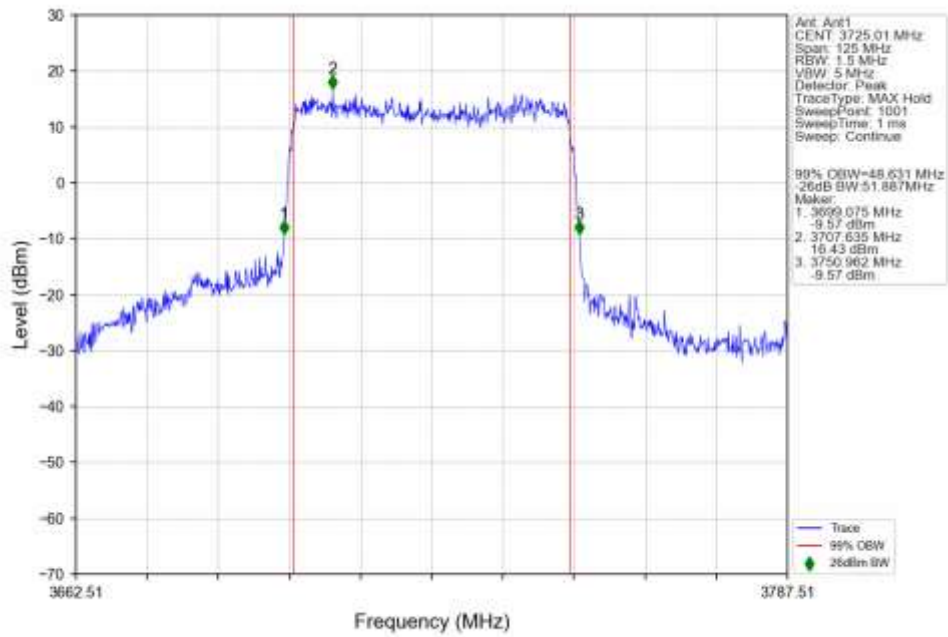
n78a 15kHz SISO NTNv 50MHz DFT-s-OFDM 16 QAM 3750MHz Outer Full Ant1



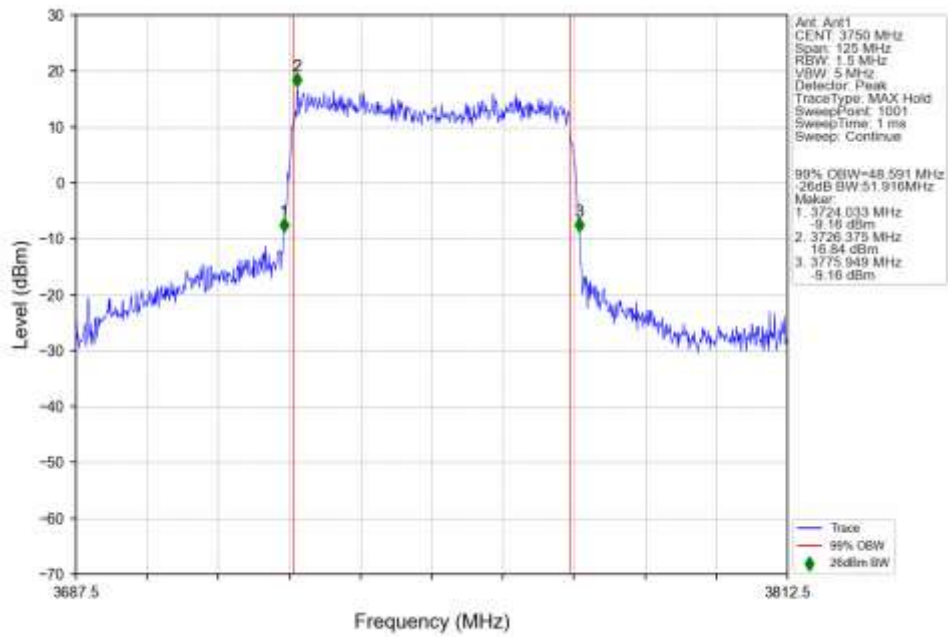
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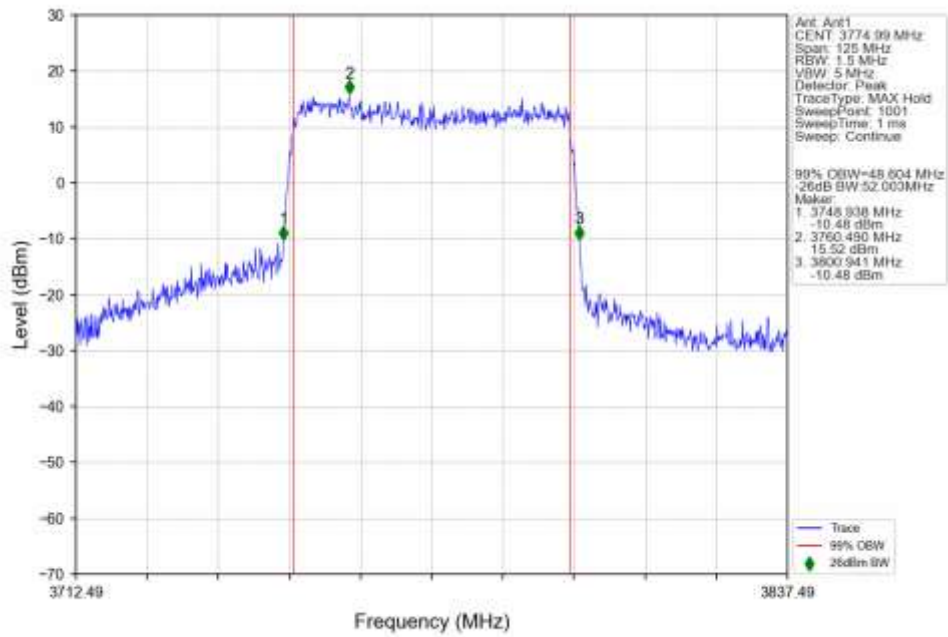
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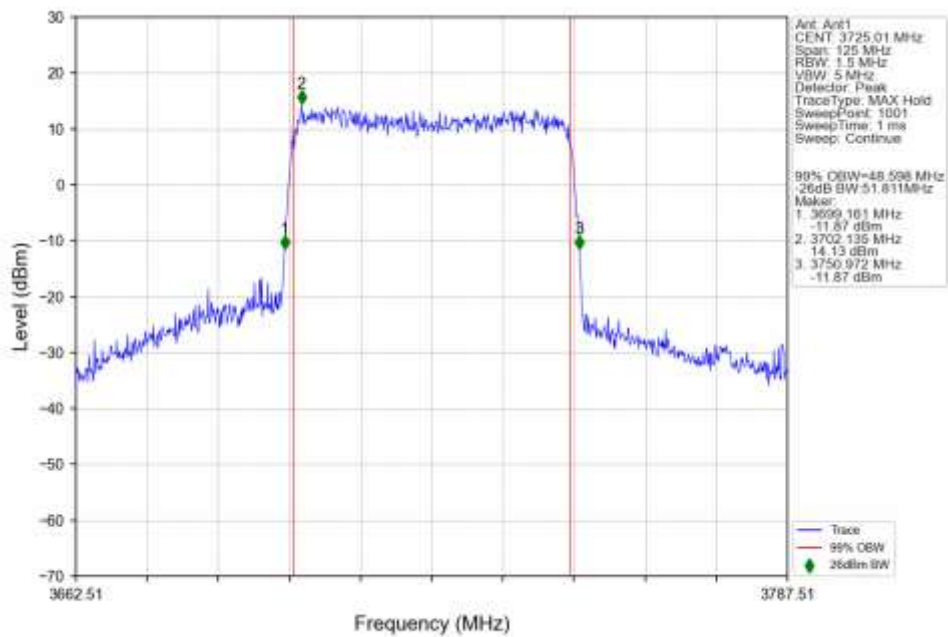
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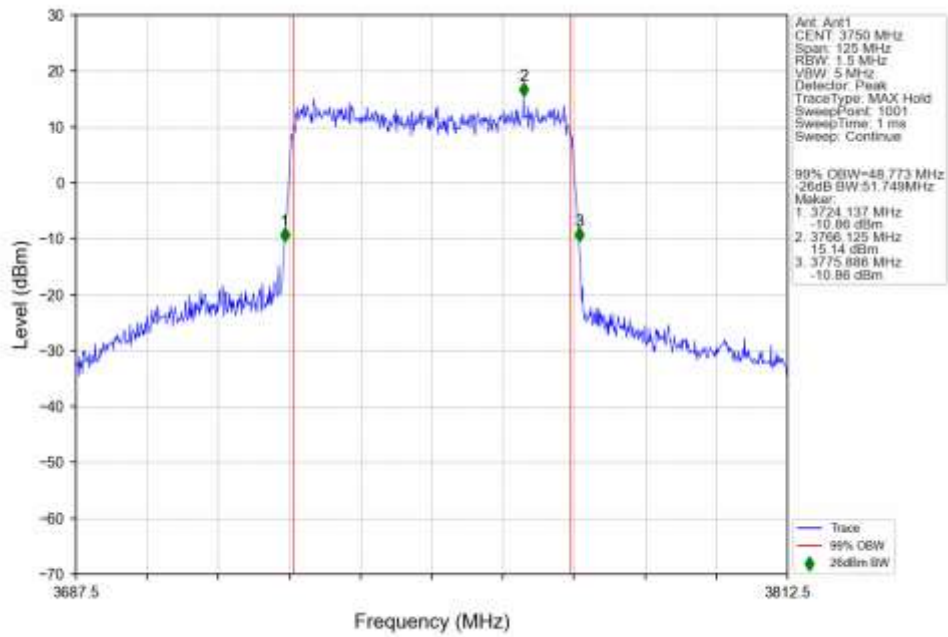
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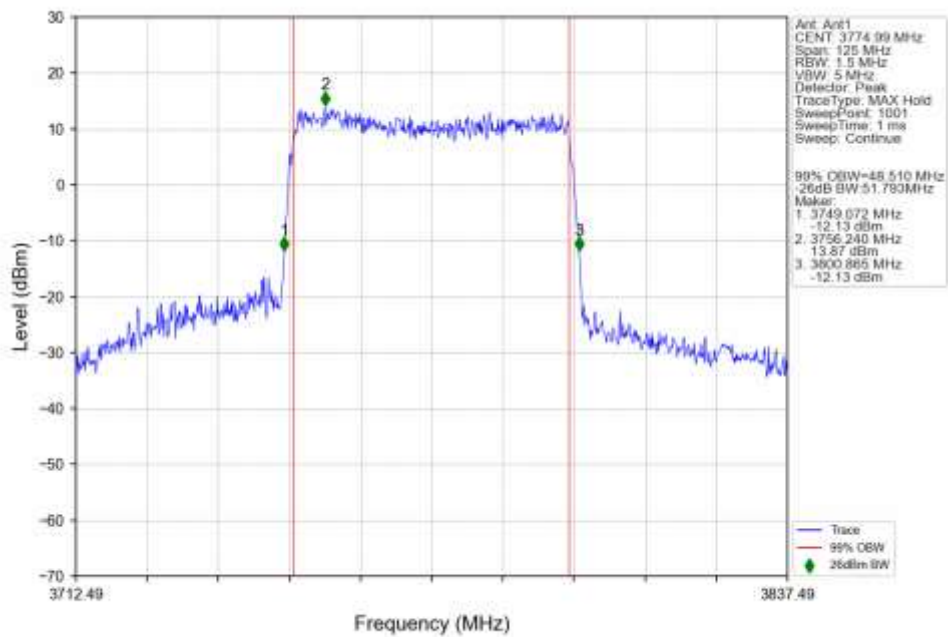
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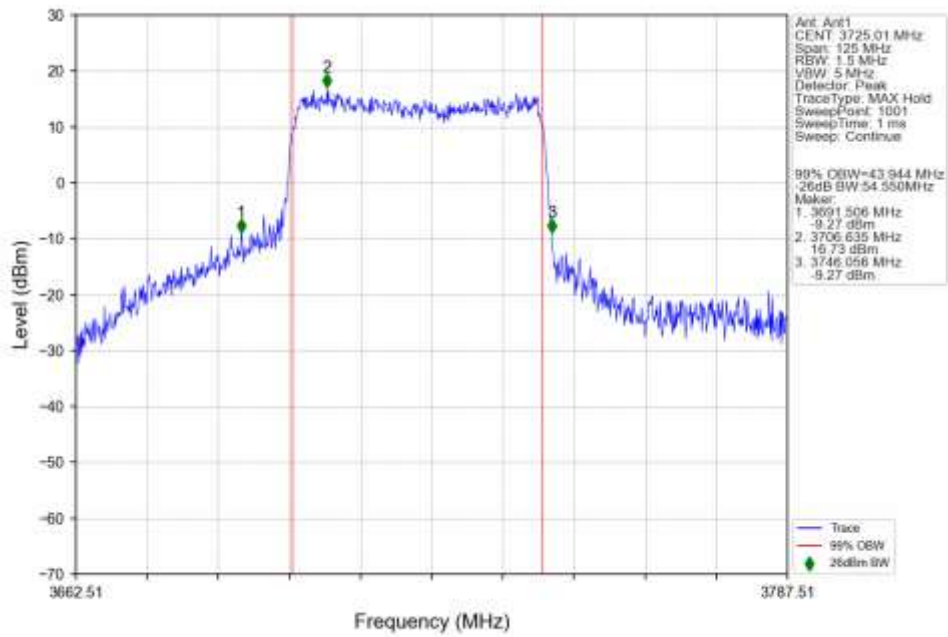
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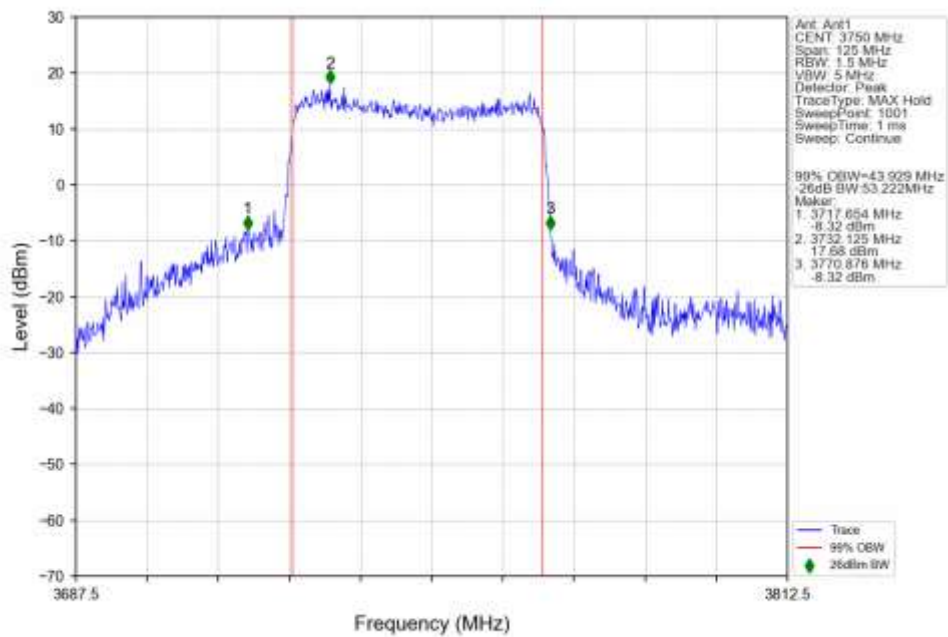
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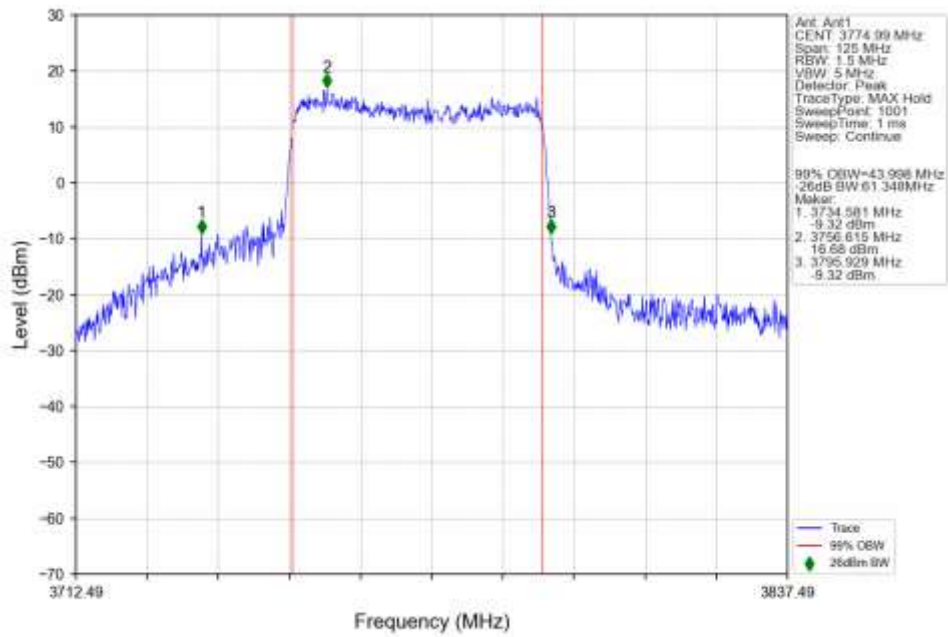
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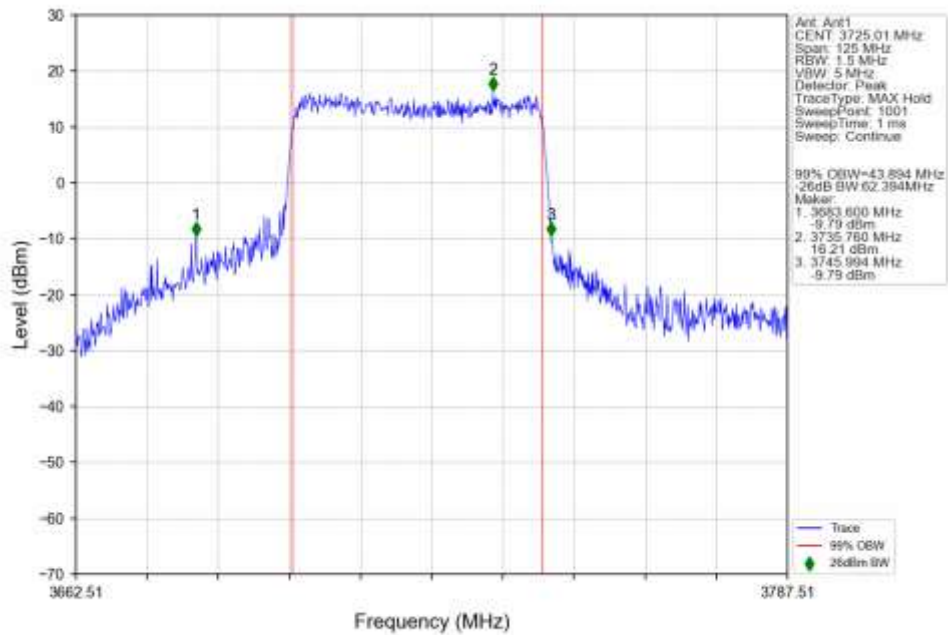
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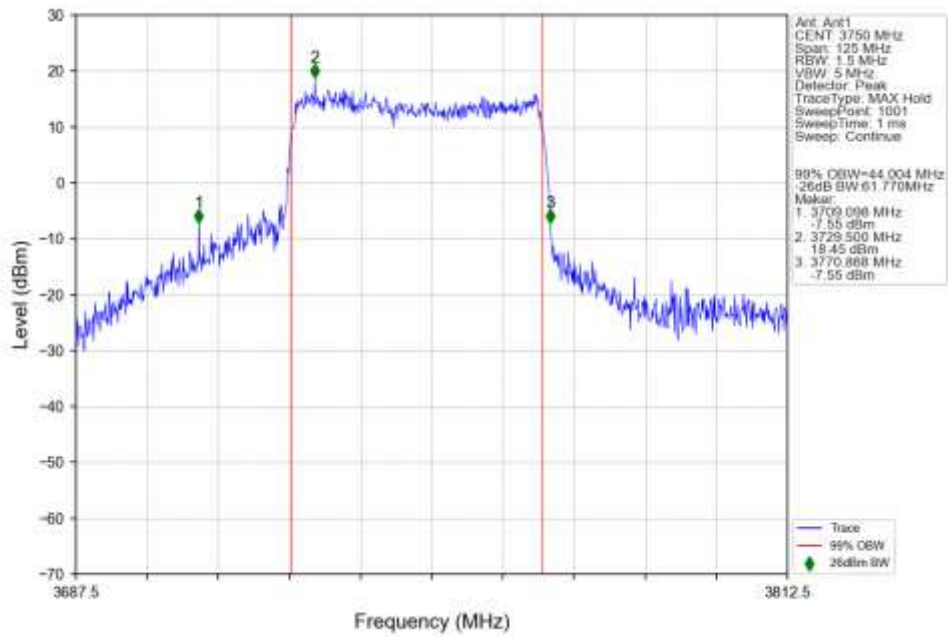
n78a 15kHz SISO NTN 50MHz CP-OFDM QPSK 3774.99MHz Outer Full Ant1



n78a 15kHz SISO NTN 50MHz CP-OFDM 16 QAM 3725.01MHz Outer Full Ant1



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



n78a 15kHz SISO NTN 50MHz CP-OFDM 16 QAM 3774.99MHz Outer Full Ant1

