

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 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 PI/2 BPSK	3710.01	Edge_1RB_Left	20.70	/	/	22.10	/	/	<=30	Pass
		Edge_1RB_Right	20.63	/	/	22.03	/	/	<=30	Pass
		Outer_Full	20.62	/	/	22.02	/	/	<=30	Pass
		Inner_Full	21.16	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Left	21.21	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Right	21.14	/	/	22.54	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.76	/	/	22.16	/	/	<=30	Pass
		Edge_1RB_Right	20.65	/	/	22.05	/	/	<=30	Pass
		Outer_Full	20.75	/	/	22.15	/	/	<=30	Pass
		Inner_Full	21.29	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Left	21.35	/	/	22.75	/	/	<=30	Pass
		Inner_1RB_Right	21.20	/	/	22.60	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	20.56	/	/	21.96	/	/	<=30	Pass
		Edge_1RB_Right	20.42	/	/	21.82	/	/	<=30	Pass
		Outer_Full	20.48	/	/	21.88	/	/	<=30	Pass
		Inner_Full	21.01	/	/	22.41	/	/	<=30	Pass
		Inner_1RB_Left	21.06	/	/	22.46	/	/	<=30	Pass
		Inner_1RB_Right	20.97	/	/	22.37	/	/	<=30	Pass
DFT-s-OFDM QPSK	3710.01	Edge_1RB_Left	20.20	/	/	21.60	/	/	<=30	Pass
		Edge_1RB_Right	20.10	/	/	21.50	/	/	<=30	Pass
		Outer_Full	20.17	/	/	21.57	/	/	<=30	Pass
		Inner_Full	21.10	/	/	22.50	/	/	<=30	Pass
		Inner_1RB_Left	21.18	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Right	21.14	/	/	22.54	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.30	/	/	21.70	/	/	<=30	Pass
		Edge_1RB_Right	20.14	/	/	21.54	/	/	<=30	Pass
		Outer_Full	20.21	/	/	21.61	/	/	<=30	Pass
		Inner_Full	21.25	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Left	21.29	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Right	21.20	/	/	22.60	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	20.01	/	/	21.41	/	/	<=30	Pass
		Edge_1RB_Right	19.84	/	/	21.24	/	/	<=30	Pass
		Outer_Full	19.92	/	/	21.32	/	/	<=30	Pass
		Inner_Full	20.91	/	/	22.31	/	/	<=30	Pass
		Inner_1RB_Left	21.01	/	/	22.41	/	/	<=30	Pass
		Inner_1RB_Right	20.94	/	/	22.34	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Edge_1RB_Left	19.15	/	/	20.55	/	/	<=30	Pass
		Edge_1RB_Right	19.08	/	/	20.48	/	/	<=30	Pass
		Outer_Full	19.14	/	/	20.54	/	/	<=30	Pass
		Inner_Full	20.15	/	/	21.55	/	/	<=30	Pass
		Inner_1RB_Left	20.25	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Right	20.21	/	/	21.61	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.42	/	/	20.82	/	/	<=30	Pass
		Edge_1RB_Right	19.23	/	/	20.63	/	/	<=30	Pass
		Outer_Full	19.21	/	/	20.61	/	/	<=30	Pass
		Inner_Full	20.21	/	/	21.61	/	/	<=30	Pass
		Inner_1RB_Left	20.36	/	/	21.76	/	/	<=30	Pass
		Inner_1RB_Right	20.21	/	/	21.61	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	19.15	/	/	20.55	/	/	<=30	Pass

		Edge_1RB_Right	18.95	/	/	20.35	/	/	<=30	Pass
		Outer_Full	18.99	/	/	20.39	/	/	<=30	Pass
		Inner_Full	20.01	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Left	20.10	/	/	21.50	/	/	<=30	Pass
		Inner_1RB_Right	19.95	/	/	21.35	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3710.01	Edge_1RB_Left	18.61	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Right	18.60	/	/	20.00	/	/	<=30	Pass
		Outer_Full	18.65	/	/	20.05	/	/	<=30	Pass
		Inner_Full	18.62	/	/	20.02	/	/	<=30	Pass
		Inner_1RB_Left	18.66	/	/	20.06	/	/	<=30	Pass
		Inner_1RB_Right	18.57	/	/	19.97	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.83	/	/	20.23	/	/	<=30	Pass
		Edge_1RB_Right	18.73	/	/	20.13	/	/	<=30	Pass
		Outer_Full	18.73	/	/	20.13	/	/	<=30	Pass
		Inner_Full	18.73	/	/	20.13	/	/	<=30	Pass
		Inner_1RB_Left	18.80	/	/	20.20	/	/	<=30	Pass
		Inner_1RB_Right	18.55	/	/	19.95	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	18.61	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Right	18.34	/	/	19.74	/	/	<=30	Pass
		Outer_Full	18.43	/	/	19.83	/	/	<=30	Pass
		Inner_Full	18.40	/	/	19.80	/	/	<=30	Pass
		Inner_1RB_Left	18.55	/	/	19.95	/	/	<=30	Pass
		Inner_1RB_Right	18.41	/	/	19.81	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3710.01	Edge_1RB_Left	16.71	/	/	18.11	/	/	<=30	Pass
		Edge_1RB_Right	16.58	/	/	17.98	/	/	<=30	Pass
		Outer_Full	16.59	/	/	17.99	/	/	<=30	Pass
		Inner_Full	16.60	/	/	18.00	/	/	<=30	Pass
		Inner_1RB_Left	16.66	/	/	18.06	/	/	<=30	Pass
		Inner_1RB_Right	16.60	/	/	18.00	/	/	<=30	Pass
	3750	Edge_1RB_Left	16.80	/	/	18.20	/	/	<=30	Pass
		Edge_1RB_Right	16.72	/	/	18.12	/	/	<=30	Pass
		Outer_Full	16.69	/	/	18.09	/	/	<=30	Pass
		Inner_Full	16.69	/	/	18.09	/	/	<=30	Pass
		Inner_1RB_Left	16.84	/	/	18.24	/	/	<=30	Pass
		Inner_1RB_Right	16.73	/	/	18.13	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	16.53	/	/	17.93	/	/	<=30	Pass
		Edge_1RB_Right	16.30	/	/	17.70	/	/	<=30	Pass
		Outer_Full	16.45	/	/	17.85	/	/	<=30	Pass
		Inner_Full	16.44	/	/	17.84	/	/	<=30	Pass
		Inner_1RB_Left	16.56	/	/	17.96	/	/	<=30	Pass
		Inner_1RB_Right	16.34	/	/	17.74	/	/	<=30	Pass
CP-OFDM QPSK	3710.01	Edge_1RB_Left	18.17	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	18.15	/	/	19.55	/	/	<=30	Pass
		Outer_Full	18.19	/	/	19.59	/	/	<=30	Pass
		Inner_Full	19.61	/	/	21.01	/	/	<=30	Pass
		Inner_1RB_Left	19.71	/	/	21.11	/	/	<=30	Pass
		Inner_1RB_Right	19.57	/	/	20.97	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.32	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	18.17	/	/	19.57	/	/	<=30	Pass
		Outer_Full	18.25	/	/	19.65	/	/	<=30	Pass
		Inner_Full	19.75	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Left	19.76	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Right	19.65	/	/	21.05	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	18.13	/	/	19.53	/	/	<=30	Pass
		Edge_1RB_Right	17.93	/	/	19.33	/	/	<=30	Pass
		Outer_Full	17.99	/	/	19.39	/	/	<=30	Pass
		Inner_Full	19.44	/	/	20.84	/	/	<=30	Pass
		Inner_1RB_Left	19.52	/	/	20.92	/	/	<=30	Pass
		Inner_1RB_Right	19.41	/	/	20.81	/	/	<=30	Pass

CP-OFDM 16 QAM	3710.01	Edge 1RB Left	18.19	/	/	19.59	/	/	<=30	Pass
		Edge 1RB Right	18.06	/	/	19.46	/	/	<=30	Pass
		Outer_Full	18.16	/	/	19.56	/	/	<=30	Pass
		Inner_Full	19.18	/	/	20.58	/	/	<=30	Pass
		Inner 1RB Left	19.18	/	/	20.58	/	/	<=30	Pass
		Inner 1RB Right	19.07	/	/	20.47	/	/	<=30	Pass
	3750	Edge 1RB Left	18.17	/	/	19.57	/	/	<=30	Pass
		Edge 1RB Right	18.03	/	/	19.43	/	/	<=30	Pass
		Outer_Full	18.23	/	/	19.63	/	/	<=30	Pass
		Inner_Full	19.32	/	/	20.72	/	/	<=30	Pass
		Inner 1RB Left	19.21	/	/	20.61	/	/	<=30	Pass
		Inner 1RB Right	19.04	/	/	20.44	/	/	<=30	Pass
	3789.99	Edge 1RB Left	18.00	/	/	19.40	/	/	<=30	Pass
		Edge 1RB Right	17.85	/	/	19.25	/	/	<=30	Pass
		Outer_Full	17.98	/	/	19.38	/	/	<=30	Pass
		Inner_Full	19.06	/	/	20.46	/	/	<=30	Pass
		Inner 1RB Left	18.95	/	/	20.35	/	/	<=30	Pass
		Inner 1RB Right	18.87	/	/	20.27	/	/	<=30	Pass
CP-OFDM 64 QAM	3710.01	Edge 1RB Left	17.71	/	/	19.11	/	/	<=30	Pass
		Edge 1RB Right	17.61	/	/	19.01	/	/	<=30	Pass
		Outer_Full	17.57	/	/	18.97	/	/	<=30	Pass
		Inner_Full	17.64	/	/	19.04	/	/	<=30	Pass
		Inner 1RB Left	17.65	/	/	19.05	/	/	<=30	Pass
		Inner 1RB Right	17.56	/	/	18.96	/	/	<=30	Pass
	3750	Edge 1RB Left	17.78	/	/	19.18	/	/	<=30	Pass
		Edge 1RB Right	17.62	/	/	19.02	/	/	<=30	Pass
		Outer_Full	17.71	/	/	19.11	/	/	<=30	Pass
		Inner_Full	17.66	/	/	19.06	/	/	<=30	Pass
		Inner 1RB Left	18.00	/	/	19.40	/	/	<=30	Pass
		Inner 1RB Right	17.69	/	/	19.09	/	/	<=30	Pass
	3789.99	Edge 1RB Left	17.52	/	/	18.92	/	/	<=30	Pass
		Edge 1RB Right	17.41	/	/	18.81	/	/	<=30	Pass
		Outer_Full	17.47	/	/	18.87	/	/	<=30	Pass
		Inner_Full	17.47	/	/	18.87	/	/	<=30	Pass
		Inner 1RB Left	17.54	/	/	18.94	/	/	<=30	Pass
		Inner 1RB Right	17.36	/	/	18.76	/	/	<=30	Pass
CP-OFDM 256 QAM	3710.01	Edge 1RB Left	15.06	/	/	16.46	/	/	<=30	Pass
		Edge 1RB Right	14.99	/	/	16.39	/	/	<=30	Pass
		Outer_Full	14.93	/	/	16.33	/	/	<=30	Pass
		Inner_Full	14.90	/	/	16.30	/	/	<=30	Pass
		Inner 1RB Left	15.08	/	/	16.48	/	/	<=30	Pass
		Inner 1RB Right	15.00	/	/	16.40	/	/	<=30	Pass
	3750	Edge 1RB Left	15.19	/	/	16.59	/	/	<=30	Pass
		Edge 1RB Right	15.07	/	/	16.47	/	/	<=30	Pass
		Outer_Full	14.95	/	/	16.35	/	/	<=30	Pass
		Inner_Full	15.03	/	/	16.43	/	/	<=30	Pass
		Inner 1RB Left	15.18	/	/	16.58	/	/	<=30	Pass
		Inner 1RB Right	15.02	/	/	16.42	/	/	<=30	Pass
	3789.99	Edge 1RB Left	14.97	/	/	16.37	/	/	<=30	Pass
		Edge 1RB Right	14.79	/	/	16.19	/	/	<=30	Pass
		Outer_Full	14.73	/	/	16.13	/	/	<=30	Pass
		Inner_Full	14.78	/	/	16.18	/	/	<=30	Pass
		Inner 1RB Left	14.97	/	/	16.37	/	/	<=30	Pass
		Inner 1RB Right	14.80	/	/	16.20	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30k_SISO_30MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3715.02	Edge 1RB Left	20.62	/	/	22.02	/	/	<=30	Pass
		Edge 1RB Right	20.76	/	/	22.16	/	/	<=30	Pass
		Outer Full	20.65	/	/	22.05	/	/	<=30	Pass
		Inner Full	21.15	/	/	22.55	/	/	<=30	Pass
		Inner 1RB Left	21.15	/	/	22.55	/	/	<=30	Pass
		Inner 1RB Right	21.29	/	/	22.69	/	/	<=30	Pass
	3750	Edge 1RB Left	20.87	/	/	22.27	/	/	<=30	Pass
		Edge 1RB Right	20.76	/	/	22.16	/	/	<=30	Pass
		Outer Full	20.82	/	/	22.22	/	/	<=30	Pass
		Inner Full	21.35	/	/	22.75	/	/	<=30	Pass
		Inner 1RB Left	21.37	/	/	22.77	/	/	<=30	Pass
		Inner 1RB Right	21.26	/	/	22.66	/	/	<=30	Pass
	3784.98	Edge 1RB Left	20.76	/	/	22.16	/	/	<=30	Pass
		Edge 1RB Right	20.47	/	/	21.87	/	/	<=30	Pass
		Outer Full	20.60	/	/	22.00	/	/	<=30	Pass
		Inner Full	21.10	/	/	22.50	/	/	<=30	Pass
		Inner 1RB Left	21.28	/	/	22.68	/	/	<=30	Pass
		Inner 1RB Right	21.05	/	/	22.45	/	/	<=30	Pass
DFT-s-OFDM QPSK	3715.02	Edge 1RB Left	20.08	/	/	21.48	/	/	<=30	Pass
		Edge 1RB Right	20.27	/	/	21.67	/	/	<=30	Pass
		Outer Full	20.16	/	/	21.56	/	/	<=30	Pass
		Inner Full	21.14	/	/	22.54	/	/	<=30	Pass
		Inner 1RB Left	21.09	/	/	22.49	/	/	<=30	Pass
		Inner 1RB Right	21.26	/	/	22.66	/	/	<=30	Pass
	3750	Edge 1RB Left	20.29	/	/	21.69	/	/	<=30	Pass
		Edge 1RB Right	20.21	/	/	21.61	/	/	<=30	Pass
		Outer Full	20.29	/	/	21.69	/	/	<=30	Pass
		Inner Full	21.31	/	/	22.71	/	/	<=30	Pass
		Inner 1RB Left	21.29	/	/	22.69	/	/	<=30	Pass
		Inner 1RB Right	21.20	/	/	22.60	/	/	<=30	Pass
	3784.98	Edge 1RB Left	20.25	/	/	21.65	/	/	<=30	Pass
		Edge 1RB Right	19.99	/	/	21.39	/	/	<=30	Pass
		Outer Full	20.13	/	/	21.53	/	/	<=30	Pass
		Inner Full	21.09	/	/	22.49	/	/	<=30	Pass
		Inner 1RB Left	21.33	/	/	22.73	/	/	<=30	Pass
		Inner 1RB Right	21.03	/	/	22.43	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.02	Edge 1RB Left	19.09	/	/	20.49	/	/	<=30	Pass
		Edge 1RB Right	19.29	/	/	20.69	/	/	<=30	Pass
		Outer Full	19.12	/	/	20.52	/	/	<=30	Pass
		Inner Full	20.11	/	/	21.51	/	/	<=30	Pass
		Inner 1RB Left	20.03	/	/	21.43	/	/	<=30	Pass
		Inner 1RB Right	20.25	/	/	21.65	/	/	<=30	Pass
	3750	Edge 1RB Left	19.20	/	/	20.60	/	/	<=30	Pass
		Edge 1RB Right	19.21	/	/	20.61	/	/	<=30	Pass
		Outer Full	19.30	/	/	20.70	/	/	<=30	Pass
		Inner Full	20.22	/	/	21.62	/	/	<=30	Pass
		Inner 1RB Left	20.38	/	/	21.78	/	/	<=30	Pass
		Inner 1RB Right	20.32	/	/	21.72	/	/	<=30	Pass
	3784.98	Edge 1RB Left	19.23	/	/	20.63	/	/	<=30	Pass
		Edge 1RB Right	19.02	/	/	20.42	/	/	<=30	Pass
		Outer Full	19.12	/	/	20.52	/	/	<=30	Pass
		Inner Full	20.06	/	/	21.46	/	/	<=30	Pass
		Inner 1RB Left	20.18	/	/	21.58	/	/	<=30	Pass
		Inner 1RB Right	19.96	/	/	21.36	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3715.02	Edge 1RB Left	18.62	/	/	20.02	/	/	<=30	Pass
		Edge 1RB Right	18.73	/	/	20.13	/	/	<=30	Pass

		Outer_Full	18.59	/	/	19.99	/	/	<=30	Pass
		Inner_Full	18.58	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Left	18.63	/	/	20.03	/	/	<=30	Pass
		Inner_1RB_Right	18.73	/	/	20.13	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.73	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	18.75	/	/	20.15	/	/	<=30	Pass
		Outer_Full	18.79	/	/	20.19	/	/	<=30	Pass
		Inner_Full	18.72	/	/	20.12	/	/	<=30	Pass
		Inner_1RB_Left	18.77	/	/	20.17	/	/	<=30	Pass
		Inner_1RB_Right	18.71	/	/	20.11	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	18.78	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Right	18.45	/	/	19.85	/	/	<=30	Pass
		Outer_Full	18.55	/	/	19.95	/	/	<=30	Pass
		Inner_Full	18.54	/	/	19.94	/	/	<=30	Pass
		Inner_1RB_Left	18.74	/	/	20.14	/	/	<=30	Pass
		Inner_1RB_Right	18.51	/	/	19.91	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3715.02	Edge_1RB_Left	16.61	/	/	18.01	/	/	<=30	Pass
		Edge_1RB_Right	16.69	/	/	18.09	/	/	<=30	Pass
		Outer_Full	16.59	/	/	17.99	/	/	<=30	Pass
		Inner_Full	16.61	/	/	18.01	/	/	<=30	Pass
		Inner_1RB_Left	16.62	/	/	18.02	/	/	<=30	Pass
		Inner_1RB_Right	16.71	/	/	18.11	/	/	<=30	Pass
	3750	Edge_1RB_Left	16.83	/	/	18.23	/	/	<=30	Pass
		Edge_1RB_Right	16.62	/	/	18.02	/	/	<=30	Pass
		Outer_Full	16.74	/	/	18.14	/	/	<=30	Pass
		Inner_Full	16.76	/	/	18.16	/	/	<=30	Pass
		Inner_1RB_Left	16.80	/	/	18.20	/	/	<=30	Pass
		Inner_1RB_Right	16.61	/	/	18.01	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	16.79	/	/	18.19	/	/	<=30	Pass
		Edge_1RB_Right	16.47	/	/	17.87	/	/	<=30	Pass
		Outer_Full	16.59	/	/	17.99	/	/	<=30	Pass
		Inner_Full	16.62	/	/	18.02	/	/	<=30	Pass
		Inner_1RB_Left	16.80	/	/	18.20	/	/	<=30	Pass
		Inner_1RB_Right	16.49	/	/	17.89	/	/	<=30	Pass
CP-OFDM QPSK	3715.02	Edge_1RB_Left	18.06	/	/	19.46	/	/	<=30	Pass
		Edge_1RB_Right	18.16	/	/	19.56	/	/	<=30	Pass
		Outer_Full	18.16	/	/	19.56	/	/	<=30	Pass
		Inner_Full	19.65	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Left	19.62	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Right	19.72	/	/	21.12	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.31	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	18.16	/	/	19.56	/	/	<=30	Pass
		Outer_Full	18.32	/	/	19.72	/	/	<=30	Pass
		Inner_Full	19.84	/	/	21.24	/	/	<=30	Pass
		Inner_1RB_Left	19.76	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Right	19.77	/	/	21.17	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	18.25	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	17.92	/	/	19.32	/	/	<=30	Pass
		Outer_Full	18.11	/	/	19.51	/	/	<=30	Pass
		Inner_Full	19.59	/	/	20.99	/	/	<=30	Pass
		Inner_1RB_Left	19.79	/	/	21.19	/	/	<=30	Pass
		Inner_1RB_Right	19.46	/	/	20.86	/	/	<=30	Pass
CP-OFDM 16 QAM	3715.02	Edge_1RB_Left	18.17	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	18.32	/	/	19.72	/	/	<=30	Pass
		Outer_Full	18.20	/	/	19.60	/	/	<=30	Pass
		Inner_Full	19.20	/	/	20.60	/	/	<=30	Pass
		Inner_1RB_Left	19.19	/	/	20.59	/	/	<=30	Pass
		Inner_1RB_Right	19.32	/	/	20.72	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.30	/	/	19.70	/	/	<=30	Pass

		Edge 1RB Right	18.19	/	/	19.59	/	/	<=30	Pass
		Outer Full	18.27	/	/	19.67	/	/	<=30	Pass
		Inner Full	19.33	/	/	20.73	/	/	<=30	Pass
		Inner 1RB Left	19.44	/	/	20.84	/	/	<=30	Pass
		Inner 1RB Right	19.32	/	/	20.72	/	/	<=30	Pass
	3784.98	Edge 1RB Left	18.33	/	/	19.73	/	/	<=30	Pass
		Edge 1RB Right	18.04	/	/	19.44	/	/	<=30	Pass
		Outer Full	18.14	/	/	19.54	/	/	<=30	Pass
		Inner Full	19.13	/	/	20.53	/	/	<=30	Pass
		Inner 1RB Left	19.33	/	/	20.73	/	/	<=30	Pass
	Inner 1RB Right	19.05	/	/	20.45	/	/	<=30	Pass	
CP-OFDM 64 QAM	3715.02	Edge 1RB Left	17.71	/	/	19.11	/	/	<=30	Pass
		Edge 1RB Right	17.83	/	/	19.23	/	/	<=30	Pass
		Outer Full	17.70	/	/	19.10	/	/	<=30	Pass
		Inner Full	17.67	/	/	19.07	/	/	<=30	Pass
		Inner 1RB Left	17.69	/	/	19.09	/	/	<=30	Pass
		Inner 1RB Right	17.84	/	/	19.24	/	/	<=30	Pass
	3750	Edge 1RB Left	17.91	/	/	19.31	/	/	<=30	Pass
		Edge 1RB Right	17.78	/	/	19.18	/	/	<=30	Pass
		Outer Full	17.81	/	/	19.21	/	/	<=30	Pass
		Inner Full	17.79	/	/	19.19	/	/	<=30	Pass
		Inner 1RB Left	17.79	/	/	19.19	/	/	<=30	Pass
		Inner 1RB Right	17.73	/	/	19.13	/	/	<=30	Pass
	3784.98	Edge 1RB Left	17.84	/	/	19.24	/	/	<=30	Pass
		Edge 1RB Right	17.57	/	/	18.97	/	/	<=30	Pass
		Outer Full	17.60	/	/	19.00	/	/	<=30	Pass
		Inner Full	17.64	/	/	19.04	/	/	<=30	Pass
		Inner 1RB Left	17.77	/	/	19.17	/	/	<=30	Pass
		Inner 1RB Right	17.58	/	/	18.98	/	/	<=30	Pass
CP-OFDM 256 QAM	3715.02	Edge 1RB Left	14.91	/	/	16.31	/	/	<=30	Pass
		Edge 1RB Right	15.02	/	/	16.42	/	/	<=30	Pass
		Outer Full	14.84	/	/	16.24	/	/	<=30	Pass
		Inner Full	14.85	/	/	16.25	/	/	<=30	Pass
		Inner 1RB Left	14.92	/	/	16.32	/	/	<=30	Pass
		Inner 1RB Right	15.06	/	/	16.46	/	/	<=30	Pass
	3750	Edge 1RB Left	15.18	/	/	16.58	/	/	<=30	Pass
		Edge 1RB Right	15.02	/	/	16.42	/	/	<=30	Pass
		Outer Full	15.02	/	/	16.42	/	/	<=30	Pass
		Inner Full	14.92	/	/	16.32	/	/	<=30	Pass
		Inner 1RB Left	15.18	/	/	16.58	/	/	<=30	Pass
		Inner 1RB Right	15.04	/	/	16.44	/	/	<=30	Pass
	3784.98	Edge 1RB Left	15.15	/	/	16.55	/	/	<=30	Pass
		Edge 1RB Right	14.86	/	/	16.26	/	/	<=30	Pass
		Outer Full	14.76	/	/	16.16	/	/	<=30	Pass
		Inner Full	14.76	/	/	16.16	/	/	<=30	Pass
		Inner 1RB Left	15.07	/	/	16.47	/	/	<=30	Pass
		Inner 1RB Right	14.81	/	/	16.21	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.40dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 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 PI/2 BPSK	3720	Edge 1RB Left	20.78	/	/	22.18	/	/	<=30	Pass
		Edge 1RB Right	20.91	/	/	22.31	/	/	<=30	Pass
		Outer Full	20.75	/	/	22.15	/	/	<=30	Pass

		Inner_Full	21.29	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Left	21.30	/	/	22.70	/	/	<=30	Pass
		Inner_1RB_Right	21.37	/	/	22.77	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.90	/	/	22.30	/	/	<=30	Pass
		Edge_1RB_Right	20.79	/	/	22.19	/	/	<=30	Pass
		Outer_Full	20.86	/	/	22.26	/	/	<=30	Pass
		Inner_Full	21.33	/	/	22.73	/	/	<=30	Pass
		Inner_1RB_Left	21.37	/	/	22.77	/	/	<=30	Pass
		Inner_1RB_Right	21.27	/	/	22.67	/	/	<=30	Pass
	3780	Edge_1RB_Left	20.89	/	/	22.29	/	/	<=30	Pass
		Edge_1RB_Right	20.63	/	/	22.03	/	/	<=30	Pass
		Outer_Full	20.58	/	/	21.98	/	/	<=30	Pass
		Inner_Full	21.18	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Left	21.39	/	/	22.79	/	/	<=30	Pass
		Inner_1RB_Right	21.14	/	/	22.54	/	/	<=30	Pass
DFT-s-OFDM QPSK	3720	Edge_1RB_Left	20.37	/	/	21.77	/	/	<=30	Pass
		Edge_1RB_Right	20.42	/	/	21.82	/	/	<=30	Pass
		Outer_Full	20.28	/	/	21.68	/	/	<=30	Pass
		Inner_Full	21.26	/	/	22.66	/	/	<=30	Pass
		Inner_1RB_Left	21.32	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Right	21.36	/	/	22.76	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.39	/	/	21.79	/	/	<=30	Pass
		Edge_1RB_Right	20.24	/	/	21.64	/	/	<=30	Pass
		Outer_Full	20.30	/	/	21.70	/	/	<=30	Pass
		Inner_Full	21.29	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Left	21.42	/	/	22.82	/	/	<=30	Pass
		Inner_1RB_Right	21.24	/	/	22.64	/	/	<=30	Pass
	3780	Edge_1RB_Left	20.39	/	/	21.79	/	/	<=30	Pass
		Edge_1RB_Right	20.12	/	/	21.52	/	/	<=30	Pass
		Outer_Full	20.14	/	/	21.54	/	/	<=30	Pass
		Inner_Full	21.07	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Left	21.30	/	/	22.70	/	/	<=30	Pass
		Inner_1RB_Right	21.10	/	/	22.50	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Edge_1RB_Left	19.43	/	/	20.83	/	/	<=30	Pass
		Edge_1RB_Right	19.40	/	/	20.80	/	/	<=30	Pass
		Outer_Full	19.26	/	/	20.66	/	/	<=30	Pass
		Inner_Full	20.16	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Left	20.54	/	/	21.94	/	/	<=30	Pass
		Inner_1RB_Right	20.54	/	/	21.94	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.46	/	/	20.86	/	/	<=30	Pass
		Edge_1RB_Right	19.29	/	/	20.69	/	/	<=30	Pass
		Outer_Full	19.32	/	/	20.72	/	/	<=30	Pass
		Inner_Full	20.25	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Left	20.43	/	/	21.83	/	/	<=30	Pass
		Inner_1RB_Right	20.28	/	/	21.68	/	/	<=30	Pass
	3780	Edge_1RB_Left	19.42	/	/	20.82	/	/	<=30	Pass
		Edge_1RB_Right	19.20	/	/	20.60	/	/	<=30	Pass
		Outer_Full	19.12	/	/	20.52	/	/	<=30	Pass
		Inner_Full	20.07	/	/	21.47	/	/	<=30	Pass
		Inner_1RB_Left	20.44	/	/	21.84	/	/	<=30	Pass
		Inner_1RB_Right	20.21	/	/	21.61	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Edge_1RB_Left	18.94	/	/	20.34	/	/	<=30	Pass
		Edge_1RB_Right	18.99	/	/	20.39	/	/	<=30	Pass
		Outer_Full	18.77	/	/	20.17	/	/	<=30	Pass
		Inner_Full	18.73	/	/	20.13	/	/	<=30	Pass
		Inner_1RB_Left	18.92	/	/	20.32	/	/	<=30	Pass
		Inner_1RB_Right	18.97	/	/	20.37	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.87	/	/	20.27	/	/	<=30	Pass
		Edge_1RB_Right	18.76	/	/	20.16	/	/	<=30	Pass

		Outer_Full	18.80	/	/	20.20	/	/	<=30	Pass
		Inner_Full	18.74	/	/	20.14	/	/	<=30	Pass
		Inner_1RB_Left	18.94	/	/	20.34	/	/	<=30	Pass
		Inner_1RB_Right	18.79	/	/	20.19	/	/	<=30	Pass
	3780	Edge_1RB_Left	18.94	/	/	20.34	/	/	<=30	Pass
		Edge_1RB_Right	18.76	/	/	20.16	/	/	<=30	Pass
		Outer_Full	18.60	/	/	20.00	/	/	<=30	Pass
		Inner_Full	18.58	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Left	18.90	/	/	20.30	/	/	<=30	Pass
		Inner_1RB_Right	18.70	/	/	20.10	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3720	Edge_1RB_Left	16.80	/	/	18.20	/	/	<=30	Pass
		Edge_1RB_Right	16.81	/	/	18.21	/	/	<=30	Pass
		Outer_Full	16.77	/	/	18.17	/	/	<=30	Pass
		Inner_Full	16.74	/	/	18.14	/	/	<=30	Pass
		Inner_1RB_Left	16.75	/	/	18.15	/	/	<=30	Pass
		Inner_1RB_Right	16.82	/	/	18.22	/	/	<=30	Pass
	3750	Edge_1RB_Left	16.86	/	/	18.26	/	/	<=30	Pass
		Edge_1RB_Right	16.74	/	/	18.14	/	/	<=30	Pass
		Outer_Full	16.80	/	/	18.20	/	/	<=30	Pass
		Inner_Full	16.83	/	/	18.23	/	/	<=30	Pass
		Inner_1RB_Left	16.88	/	/	18.28	/	/	<=30	Pass
		Inner_1RB_Right	16.71	/	/	18.11	/	/	<=30	Pass
	3780	Edge_1RB_Left	16.83	/	/	18.23	/	/	<=30	Pass
		Edge_1RB_Right	16.66	/	/	18.06	/	/	<=30	Pass
		Outer_Full	16.63	/	/	18.03	/	/	<=30	Pass
		Inner_Full	16.54	/	/	17.94	/	/	<=30	Pass
		Inner_1RB_Left	16.88	/	/	18.28	/	/	<=30	Pass
		Inner_1RB_Right	16.68	/	/	18.08	/	/	<=30	Pass
CP-OFDM QPSK	3720	Edge_1RB_Left	18.36	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	18.38	/	/	19.78	/	/	<=30	Pass
		Outer_Full	18.30	/	/	19.70	/	/	<=30	Pass
		Inner_Full	19.77	/	/	21.17	/	/	<=30	Pass
		Inner_1RB_Left	19.85	/	/	21.25	/	/	<=30	Pass
		Inner_1RB_Right	19.87	/	/	21.27	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.44	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	18.33	/	/	19.73	/	/	<=30	Pass
		Outer_Full	18.33	/	/	19.73	/	/	<=30	Pass
		Inner_Full	19.83	/	/	21.23	/	/	<=30	Pass
		Inner_1RB_Left	19.94	/	/	21.34	/	/	<=30	Pass
		Inner_1RB_Right	19.78	/	/	21.18	/	/	<=30	Pass
	3780	Edge_1RB_Left	18.38	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	18.07	/	/	19.47	/	/	<=30	Pass
		Outer_Full	18.12	/	/	19.52	/	/	<=30	Pass
		Inner_Full	19.58	/	/	20.98	/	/	<=30	Pass
		Inner_1RB_Left	19.79	/	/	21.19	/	/	<=30	Pass
		Inner_1RB_Right	19.56	/	/	20.96	/	/	<=30	Pass
CP-OFDM 16 QAM	3720	Edge_1RB_Left	18.36	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	18.40	/	/	19.80	/	/	<=30	Pass
		Outer_Full	18.26	/	/	19.66	/	/	<=30	Pass
		Inner_Full	19.24	/	/	20.64	/	/	<=30	Pass
		Inner_1RB_Left	19.22	/	/	20.62	/	/	<=30	Pass
		Inner_1RB_Right	19.32	/	/	20.72	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.49	/	/	19.89	/	/	<=30	Pass
		Edge_1RB_Right	18.27	/	/	19.67	/	/	<=30	Pass
		Outer_Full	18.31	/	/	19.71	/	/	<=30	Pass
		Inner_Full	19.22	/	/	20.62	/	/	<=30	Pass
		Inner_1RB_Left	19.35	/	/	20.75	/	/	<=30	Pass
		Inner_1RB_Right	19.17	/	/	20.57	/	/	<=30	Pass
	3780	Edge_1RB_Left	18.34	/	/	19.74	/	/	<=30	Pass

		Edge 1RB Right	18.14	/	/	19.54	/	/	<=30	Pass	
		Outer Full	18.11	/	/	19.51	/	/	<=30	Pass	
		Inner Full	19.10	/	/	20.50	/	/	<=30	Pass	
		Inner 1RB Left	19.28	/	/	20.68	/	/	<=30	Pass	
		Inner 1RB Right	19.07	/	/	20.47	/	/	<=30	Pass	
CP-OFDM 64 QAM	3720	Edge 1RB Left	17.89	/	/	19.29	/	/	<=30	Pass	
		Edge 1RB Right	17.94	/	/	19.34	/	/	<=30	Pass	
		Outer Full	17.75	/	/	19.15	/	/	<=30	Pass	
		Inner Full	17.73	/	/	19.13	/	/	<=30	Pass	
		Inner 1RB Left	17.82	/	/	19.22	/	/	<=30	Pass	
		Inner 1RB Right	17.90	/	/	19.30	/	/	<=30	Pass	
		Edge 1RB Left	17.94	/	/	19.34	/	/	<=30	Pass	
	3750	Edge 1RB Right	17.81	/	/	19.21	/	/	<=30	Pass	
		Outer Full	17.81	/	/	19.21	/	/	<=30	Pass	
		Inner Full	17.81	/	/	19.21	/	/	<=30	Pass	
		Inner 1RB Left	17.95	/	/	19.35	/	/	<=30	Pass	
		Inner 1RB Right	17.79	/	/	19.19	/	/	<=30	Pass	
		Edge 1RB Left	17.86	/	/	19.26	/	/	<=30	Pass	
	3780	Edge 1RB Right	17.69	/	/	19.09	/	/	<=30	Pass	
		Outer Full	17.65	/	/	19.05	/	/	<=30	Pass	
		Inner Full	17.58	/	/	18.98	/	/	<=30	Pass	
		Inner 1RB Left	17.86	/	/	19.26	/	/	<=30	Pass	
		Inner 1RB Right	17.64	/	/	19.04	/	/	<=30	Pass	
		Edge 1RB Left	15.12	/	/	16.52	/	/	<=30	Pass	
	CP-OFDM 256 QAM	3720	Edge 1RB Right	15.13	/	/	16.53	/	/	<=30	Pass
			Outer Full	14.96	/	/	16.36	/	/	<=30	Pass
			Inner Full	14.99	/	/	16.39	/	/	<=30	Pass
Inner 1RB Left			15.11	/	/	16.51	/	/	<=30	Pass	
Inner 1RB Right			15.19	/	/	16.59	/	/	<=30	Pass	
Edge 1RB Left			15.26	/	/	16.66	/	/	<=30	Pass	
3750		Edge 1RB Right	15.01	/	/	16.41	/	/	<=30	Pass	
		Outer Full	14.97	/	/	16.37	/	/	<=30	Pass	
		Inner Full	15.02	/	/	16.42	/	/	<=30	Pass	
		Inner 1RB Left	15.23	/	/	16.63	/	/	<=30	Pass	
		Inner 1RB Right	15.03	/	/	16.43	/	/	<=30	Pass	
		Edge 1RB Left	15.18	/	/	16.58	/	/	<=30	Pass	
3780		Edge 1RB Right	14.82	/	/	16.22	/	/	<=30	Pass	
		Outer Full	14.83	/	/	16.23	/	/	<=30	Pass	
		Inner Full	14.80	/	/	16.20	/	/	<=30	Pass	
	Inner 1RB Left	15.19	/	/	16.59	/	/	<=30	Pass		
	Inner 1RB Right	14.87	/	/	16.27	/	/	<=30	Pass		
Note1: Antenna Gain: Ant1: 1.40dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.4 30k_SISO_50MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 50MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3725.01	Edge 1RB Left	20.49	/	/	21.89	/	/	<=30	Pass
		Edge 1RB Right	20.64	/	/	22.04	/	/	<=30	Pass
		Outer Full	20.48	/	/	21.88	/	/	<=30	Pass
		Inner Full	21.13	/	/	22.53	/	/	<=30	Pass
		Inner 1RB Left	20.96	/	/	22.36	/	/	<=30	Pass
		Inner 1RB Right	21.11	/	/	22.51	/	/	<=30	Pass
	3750	Edge 1RB Left	20.60	/	/	22.00	/	/	<=30	Pass
		Edge 1RB Right	20.46	/	/	21.86	/	/	<=30	Pass
		Outer Full	20.64	/	/	22.04	/	/	<=30	Pass

		Inner_Full	21.20	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Left	21.15	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Right	20.89	/	/	22.29	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	20.69	/	/	22.09	/	/	<=30	Pass
		Edge_1RB_Right	20.25	/	/	21.65	/	/	<=30	Pass
		Outer_Full	20.53	/	/	21.93	/	/	<=30	Pass
		Inner_Full	21.16	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Left	21.18	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Right	20.77	/	/	22.17	/	/	<=30	Pass
DFT-s-OFDM QPSK	3725.01	Edge_1RB_Left	19.93	/	/	21.33	/	/	<=30	Pass
		Edge_1RB_Right	20.10	/	/	21.50	/	/	<=30	Pass
		Outer_Full	20.03	/	/	21.43	/	/	<=30	Pass
		Inner_Full	21.02	/	/	22.42	/	/	<=30	Pass
		Inner_1RB_Left	20.91	/	/	22.31	/	/	<=30	Pass
		Inner_1RB_Right	21.05	/	/	22.45	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.06	/	/	21.46	/	/	<=30	Pass
		Edge_1RB_Right	19.90	/	/	21.30	/	/	<=30	Pass
		Outer_Full	20.14	/	/	21.54	/	/	<=30	Pass
		Inner_Full	21.18	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Left	21.10	/	/	22.50	/	/	<=30	Pass
		Inner_1RB_Right	20.91	/	/	22.31	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	20.17	/	/	21.57	/	/	<=30	Pass
		Edge_1RB_Right	19.74	/	/	21.14	/	/	<=30	Pass
		Outer_Full	20.02	/	/	21.42	/	/	<=30	Pass
		Inner_Full	21.02	/	/	22.42	/	/	<=30	Pass
		Inner_1RB_Left	21.21	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Right	20.77	/	/	22.17	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3725.01	Edge_1RB_Left	18.91	/	/	20.31	/	/	<=30	Pass
		Edge_1RB_Right	19.00	/	/	20.40	/	/	<=30	Pass
		Outer_Full	19.03	/	/	20.43	/	/	<=30	Pass
		Inner_Full	20.05	/	/	21.45	/	/	<=30	Pass
		Inner_1RB_Left	20.06	/	/	21.46	/	/	<=30	Pass
		Inner_1RB_Right	20.20	/	/	21.60	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.20	/	/	20.60	/	/	<=30	Pass
		Edge_1RB_Right	19.02	/	/	20.42	/	/	<=30	Pass
		Outer_Full	19.10	/	/	20.50	/	/	<=30	Pass
		Inner_Full	20.12	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Left	20.20	/	/	21.60	/	/	<=30	Pass
		Inner_1RB_Right	20.01	/	/	21.41	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	19.31	/	/	20.71	/	/	<=30	Pass
		Edge_1RB_Right	18.79	/	/	20.19	/	/	<=30	Pass
		Outer_Full	19.02	/	/	20.42	/	/	<=30	Pass
		Inner_Full	20.05	/	/	21.45	/	/	<=30	Pass
		Inner_1RB_Left	20.34	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Right	19.76	/	/	21.16	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3725.01	Edge_1RB_Left	18.44	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	18.49	/	/	19.89	/	/	<=30	Pass
		Outer_Full	18.53	/	/	19.93	/	/	<=30	Pass
		Inner_Full	18.60	/	/	20.00	/	/	<=30	Pass
		Inner_1RB_Left	18.50	/	/	19.90	/	/	<=30	Pass
		Inner_1RB_Right	18.56	/	/	19.96	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.64	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	18.45	/	/	19.85	/	/	<=30	Pass
		Outer_Full	18.59	/	/	19.99	/	/	<=30	Pass
		Inner_Full	18.64	/	/	20.04	/	/	<=30	Pass
		Inner_1RB_Left	18.58	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Right	18.46	/	/	19.86	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	18.80	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	18.25	/	/	19.65	/	/	<=30	Pass

		Outer_Full	18.49	/	/	19.89	/	/	<=30	Pass
		Inner_Full	18.61	/	/	20.01	/	/	<=30	Pass
		Inner_1RB_Left	18.77	/	/	20.17	/	/	<=30	Pass
		Inner_1RB_Right	18.26	/	/	19.66	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3725.01	Edge_1RB_Left	16.45	/	/	17.85	/	/	<=30	Pass
		Edge_1RB_Right	16.59	/	/	17.99	/	/	<=30	Pass
		Outer_Full	16.53	/	/	17.93	/	/	<=30	Pass
		Inner_Full	16.53	/	/	17.93	/	/	<=30	Pass
		Inner_1RB_Left	16.38	/	/	17.78	/	/	<=30	Pass
		Inner_1RB_Right	16.58	/	/	17.98	/	/	<=30	Pass
	3750	Edge_1RB_Left	16.68	/	/	18.08	/	/	<=30	Pass
		Edge_1RB_Right	16.38	/	/	17.78	/	/	<=30	Pass
		Outer_Full	16.67	/	/	18.07	/	/	<=30	Pass
		Inner_Full	16.60	/	/	18.00	/	/	<=30	Pass
		Inner_1RB_Left	16.62	/	/	18.02	/	/	<=30	Pass
		Inner_1RB_Right	16.41	/	/	17.81	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	16.72	/	/	18.12	/	/	<=30	Pass
		Edge_1RB_Right	16.24	/	/	17.64	/	/	<=30	Pass
		Outer_Full	16.47	/	/	17.87	/	/	<=30	Pass
		Inner_Full	16.42	/	/	17.82	/	/	<=30	Pass
		Inner_1RB_Left	16.69	/	/	18.09	/	/	<=30	Pass
		Inner_1RB_Right	16.17	/	/	17.57	/	/	<=30	Pass
CP-OFDM QPSK	3725.01	Edge_1RB_Left	18.03	/	/	19.43	/	/	<=30	Pass
		Edge_1RB_Right	18.09	/	/	19.49	/	/	<=30	Pass
		Outer_Full	18.01	/	/	19.41	/	/	<=30	Pass
		Inner_Full	19.49	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Left	19.42	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Right	19.58	/	/	20.98	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.14	/	/	19.54	/	/	<=30	Pass
		Edge_1RB_Right	17.96	/	/	19.36	/	/	<=30	Pass
		Outer_Full	18.11	/	/	19.51	/	/	<=30	Pass
		Inner_Full	19.59	/	/	20.99	/	/	<=30	Pass
		Inner_1RB_Left	19.66	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Right	19.42	/	/	20.82	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	18.27	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	17.71	/	/	19.11	/	/	<=30	Pass
		Outer_Full	18.04	/	/	19.44	/	/	<=30	Pass
		Inner_Full	19.47	/	/	20.87	/	/	<=30	Pass
		Inner_1RB_Left	19.72	/	/	21.12	/	/	<=30	Pass
		Inner_1RB_Right	19.24	/	/	20.64	/	/	<=30	Pass
CP-OFDM 16 QAM	3725.01	Edge_1RB_Left	18.09	/	/	19.49	/	/	<=30	Pass
		Edge_1RB_Right	18.11	/	/	19.51	/	/	<=30	Pass
		Outer_Full	18.08	/	/	19.48	/	/	<=30	Pass
		Inner_Full	19.01	/	/	20.41	/	/	<=30	Pass
		Inner_1RB_Left	19.00	/	/	20.40	/	/	<=30	Pass
		Inner_1RB_Right	19.22	/	/	20.62	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.08	/	/	19.48	/	/	<=30	Pass
		Edge_1RB_Right	17.88	/	/	19.28	/	/	<=30	Pass
		Outer_Full	18.11	/	/	19.51	/	/	<=30	Pass
		Inner_Full	19.15	/	/	20.55	/	/	<=30	Pass
		Inner_1RB_Left	19.03	/	/	20.43	/	/	<=30	Pass
		Inner_1RB_Right	18.84	/	/	20.24	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	18.18	/	/	19.58	/	/	<=30	Pass
		Edge_1RB_Right	17.59	/	/	18.99	/	/	<=30	Pass
		Outer_Full	18.04	/	/	19.44	/	/	<=30	Pass
		Inner_Full	19.08	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Left	19.15	/	/	20.55	/	/	<=30	Pass
		Inner_1RB_Right	18.67	/	/	20.07	/	/	<=30	Pass
CP-OFDM 64 QAM	3725.01	Edge_1RB_Left	17.51	/	/	18.91	/	/	<=30	Pass

		Edge 1RB Right	17.47	/	/	18.87	/	/	<=30	Pass
		Outer Full	17.56	/	/	18.96	/	/	<=30	Pass
		Inner Full	17.53	/	/	18.93	/	/	<=30	Pass
		Inner 1RB Left	17.44	/	/	18.84	/	/	<=30	Pass
		Inner 1RB Right	17.54	/	/	18.94	/	/	<=30	Pass
	3750	Edge 1RB Left	17.54	/	/	18.94	/	/	<=30	Pass
		Edge 1RB Right	17.41	/	/	18.81	/	/	<=30	Pass
		Outer Full	17.61	/	/	19.01	/	/	<=30	Pass
		Inner Full	17.60	/	/	19.00	/	/	<=30	Pass
		Inner 1RB Left	17.54	/	/	18.94	/	/	<=30	Pass
	3774.99	Inner 1RB Right	17.41	/	/	18.81	/	/	<=30	Pass
		Edge 1RB Left	17.75	/	/	19.15	/	/	<=30	Pass
		Edge 1RB Right	17.19	/	/	18.59	/	/	<=30	Pass
		Outer Full	17.55	/	/	18.95	/	/	<=30	Pass
		Inner Full	17.51	/	/	18.91	/	/	<=30	Pass
CP-OFDM 256 QAM	3725.01	Inner 1RB Left	17.75	/	/	19.15	/	/	<=30	Pass
		Inner 1RB Right	17.19	/	/	18.59	/	/	<=30	Pass
		Edge 1RB Left	14.92	/	/	16.32	/	/	<=30	Pass
		Edge 1RB Right	14.93	/	/	16.33	/	/	<=30	Pass
		Outer Full	14.68	/	/	16.08	/	/	<=30	Pass
	3750	Inner Full	14.75	/	/	16.15	/	/	<=30	Pass
		Inner 1RB Left	14.92	/	/	16.32	/	/	<=30	Pass
		Inner 1RB Right	14.92	/	/	16.32	/	/	<=30	Pass
		Edge 1RB Left	14.93	/	/	16.33	/	/	<=30	Pass
		Edge 1RB Right	14.65	/	/	16.05	/	/	<=30	Pass
	3774.99	Outer Full	14.72	/	/	16.12	/	/	<=30	Pass
		Inner Full	14.81	/	/	16.21	/	/	<=30	Pass
		Inner 1RB Left	14.91	/	/	16.31	/	/	<=30	Pass
		Inner 1RB Right	14.69	/	/	16.09	/	/	<=30	Pass
		Edge 1RB Left	15.05	/	/	16.45	/	/	<=30	Pass
	Edge 1RB Right	14.48	/	/	15.88	/	/	<=30	Pass	
	Outer Full	14.70	/	/	16.10	/	/	<=30	Pass	
	Inner Full	14.66	/	/	16.06	/	/	<=30	Pass	
	Inner 1RB Left	15.01	/	/	16.41	/	/	<=30	Pass	
	Inner 1RB Right	14.52	/	/	15.92	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: 1.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 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 PI/2 BPSK	3730.02	Edge 1RB Left	20.46	/	/	21.86	/	/	<=30	Pass
		Edge 1RB Right	20.58	/	/	21.98	/	/	<=30	Pass
		Outer Full	20.60	/	/	22.00	/	/	<=30	Pass
		Inner Full	21.21	/	/	22.61	/	/	<=30	Pass
		Inner 1RB Left	21.08	/	/	22.48	/	/	<=30	Pass
		Inner 1RB Right	21.09	/	/	22.49	/	/	<=30	Pass
	3750	Edge 1RB Left	20.54	/	/	21.94	/	/	<=30	Pass
		Edge 1RB Right	20.42	/	/	21.82	/	/	<=30	Pass
		Outer Full	20.59	/	/	21.99	/	/	<=30	Pass
		Inner Full	21.15	/	/	22.55	/	/	<=30	Pass
		Inner 1RB Left	21.06	/	/	22.46	/	/	<=30	Pass
	3769.98	Inner 1RB Right	20.97	/	/	22.37	/	/	<=30	Pass
		Edge 1RB Left	20.62	/	/	22.02	/	/	<=30	Pass
		Edge 1RB Right	20.40	/	/	21.80	/	/	<=30	Pass
		Outer Full	20.55	/	/	21.95	/	/	<=30	Pass

		Inner_Full	21.06	/	/	22.46	/	/	<=30	Pass
		Inner_1RB_Left	21.09	/	/	22.49	/	/	<=30	Pass
		Inner_1RB_Right	20.89	/	/	22.29	/	/	<=30	Pass
DFT-s-OFDM QPSK	3730.02	Edge_1RB_Left	19.99	/	/	21.39	/	/	<=30	Pass
		Edge_1RB_Right	20.08	/	/	21.48	/	/	<=30	Pass
		Outer_Full	20.12	/	/	21.52	/	/	<=30	Pass
		Inner_Full	21.16	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Left	21.00	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Right	21.11	/	/	22.51	/	/	<=30	Pass
		Edge_1RB_Left	20.05	/	/	21.45	/	/	<=30	Pass
	3750	Edge_1RB_Right	19.92	/	/	21.32	/	/	<=30	Pass
		Outer_Full	20.10	/	/	21.50	/	/	<=30	Pass
		Inner_Full	21.20	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Left	21.06	/	/	22.46	/	/	<=30	Pass
		Inner_1RB_Right	20.96	/	/	22.36	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	20.04	/	/	21.44	/	/	<=30	Pass
		Edge_1RB_Right	19.82	/	/	21.22	/	/	<=30	Pass
		Outer_Full	20.04	/	/	21.44	/	/	<=30	Pass
		Inner_Full	21.02	/	/	22.42	/	/	<=30	Pass
		Inner_1RB_Left	21.05	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Right	20.88	/	/	22.28	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3730.02	Edge_1RB_Left	18.93	/	/	20.33	/	/	<=30	Pass
		Edge_1RB_Right	19.16	/	/	20.56	/	/	<=30	Pass
		Outer_Full	19.15	/	/	20.55	/	/	<=30	Pass
		Inner_Full	20.10	/	/	21.50	/	/	<=30	Pass
		Inner_1RB_Left	19.98	/	/	21.38	/	/	<=30	Pass
		Inner_1RB_Right	20.09	/	/	21.49	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.12	/	/	20.52	/	/	<=30	Pass
		Edge_1RB_Right	18.84	/	/	20.24	/	/	<=30	Pass
		Outer_Full	19.15	/	/	20.55	/	/	<=30	Pass
		Inner_Full	20.17	/	/	21.57	/	/	<=30	Pass
		Inner_1RB_Left	19.98	/	/	21.38	/	/	<=30	Pass
	3769.98	Inner_1RB_Right	19.84	/	/	21.24	/	/	<=30	Pass
		Edge_1RB_Left	19.19	/	/	20.59	/	/	<=30	Pass
		Edge_1RB_Right	18.98	/	/	20.38	/	/	<=30	Pass
		Outer_Full	19.01	/	/	20.41	/	/	<=30	Pass
		Inner_Full	20.04	/	/	21.44	/	/	<=30	Pass
		Inner_1RB_Left	20.17	/	/	21.57	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3730.02	Inner_1RB_Right	19.94	/	/	21.34	/	/	<=30	Pass
		Edge_1RB_Left	18.49	/	/	19.89	/	/	<=30	Pass
		Edge_1RB_Right	18.59	/	/	19.99	/	/	<=30	Pass
		Outer_Full	18.64	/	/	20.04	/	/	<=30	Pass
		Inner_Full	18.63	/	/	20.03	/	/	<=30	Pass
		Inner_1RB_Left	18.48	/	/	19.88	/	/	<=30	Pass
	3750	Inner_1RB_Right	18.56	/	/	19.96	/	/	<=30	Pass
		Edge_1RB_Left	18.46	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	18.41	/	/	19.81	/	/	<=30	Pass
		Outer_Full	18.61	/	/	20.01	/	/	<=30	Pass
		Inner_Full	18.59	/	/	19.99	/	/	<=30	Pass
		Inner_1RB_Left	18.44	/	/	19.84	/	/	<=30	Pass
	3769.98	Inner_1RB_Right	18.45	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Left	18.63	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	18.35	/	/	19.75	/	/	<=30	Pass
		Outer_Full	18.55	/	/	19.95	/	/	<=30	Pass
		Inner_Full	18.55	/	/	19.95	/	/	<=30	Pass
		Inner_1RB_Left	18.64	/	/	20.04	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3730.02	Inner_1RB_Right	18.35	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Left	16.54	/	/	17.94	/	/	<=30	Pass
		Edge_1RB_Right	16.62	/	/	18.02	/	/	<=30	Pass

		Outer_Full	16.64	/	/	18.04	/	/	<=30	Pass
		Inner_Full	16.62	/	/	18.02	/	/	<=30	Pass
		Inner_1RB_Left	16.55	/	/	17.95	/	/	<=30	Pass
		Inner_1RB_Right	16.63	/	/	18.03	/	/	<=30	Pass
	3750	Edge_1RB_Left	16.55	/	/	17.95	/	/	<=30	Pass
		Edge_1RB_Right	16.39	/	/	17.79	/	/	<=30	Pass
		Outer_Full	16.60	/	/	18.00	/	/	<=30	Pass
		Inner_Full	16.60	/	/	18.00	/	/	<=30	Pass
		Inner_1RB_Left	16.53	/	/	17.93	/	/	<=30	Pass
		Inner_1RB_Right	16.47	/	/	17.87	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	16.53	/	/	17.93	/	/	<=30	Pass
		Edge_1RB_Right	16.29	/	/	17.69	/	/	<=30	Pass
		Outer_Full	16.57	/	/	17.97	/	/	<=30	Pass
		Inner_Full	16.58	/	/	17.98	/	/	<=30	Pass
		Inner_1RB_Left	16.46	/	/	17.86	/	/	<=30	Pass
		Inner_1RB_Right	16.31	/	/	17.71	/	/	<=30	Pass
CP-OFDM QPSK	3730.02	Edge_1RB_Left	17.98	/	/	19.38	/	/	<=30	Pass
		Edge_1RB_Right	18.12	/	/	19.52	/	/	<=30	Pass
		Outer_Full	18.09	/	/	19.49	/	/	<=30	Pass
		Inner_Full	19.66	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Left	19.40	/	/	20.80	/	/	<=30	Pass
		Inner_1RB_Right	19.69	/	/	21.09	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.10	/	/	19.50	/	/	<=30	Pass
		Edge_1RB_Right	17.95	/	/	19.35	/	/	<=30	Pass
		Outer_Full	18.14	/	/	19.54	/	/	<=30	Pass
		Inner_Full	19.68	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Left	19.54	/	/	20.94	/	/	<=30	Pass
		Inner_1RB_Right	19.37	/	/	20.77	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	18.12	/	/	19.52	/	/	<=30	Pass
		Edge_1RB_Right	17.84	/	/	19.24	/	/	<=30	Pass
		Outer_Full	18.05	/	/	19.45	/	/	<=30	Pass
		Inner_Full	19.52	/	/	20.92	/	/	<=30	Pass
		Inner_1RB_Left	19.55	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Right	19.33	/	/	20.73	/	/	<=30	Pass
CP-OFDM 16 QAM	3730.02	Edge_1RB_Left	17.96	/	/	19.36	/	/	<=30	Pass
		Edge_1RB_Right	18.01	/	/	19.41	/	/	<=30	Pass
		Outer_Full	18.11	/	/	19.51	/	/	<=30	Pass
		Inner_Full	19.12	/	/	20.52	/	/	<=30	Pass
		Inner_1RB_Left	19.06	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Right	19.07	/	/	20.47	/	/	<=30	Pass
	3750	Edge_1RB_Left	17.96	/	/	19.36	/	/	<=30	Pass
		Edge_1RB_Right	17.88	/	/	19.28	/	/	<=30	Pass
		Outer_Full	18.10	/	/	19.50	/	/	<=30	Pass
		Inner_Full	19.20	/	/	20.60	/	/	<=30	Pass
		Inner_1RB_Left	18.98	/	/	20.38	/	/	<=30	Pass
		Inner_1RB_Right	18.97	/	/	20.37	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	17.99	/	/	19.39	/	/	<=30	Pass
		Edge_1RB_Right	17.80	/	/	19.20	/	/	<=30	Pass
		Outer_Full	17.95	/	/	19.35	/	/	<=30	Pass
		Inner_Full	18.99	/	/	20.39	/	/	<=30	Pass
		Inner_1RB_Left	18.96	/	/	20.36	/	/	<=30	Pass
		Inner_1RB_Right	18.72	/	/	20.12	/	/	<=30	Pass
CP-OFDM 64 QAM	3730.02	Edge_1RB_Left	17.57	/	/	18.97	/	/	<=30	Pass
		Edge_1RB_Right	17.56	/	/	18.96	/	/	<=30	Pass
		Outer_Full	17.62	/	/	19.02	/	/	<=30	Pass
		Inner_Full	17.65	/	/	19.05	/	/	<=30	Pass
		Inner_1RB_Left	17.62	/	/	19.02	/	/	<=30	Pass
		Inner_1RB_Right	17.62	/	/	19.02	/	/	<=30	Pass
	3750	Edge_1RB_Left	17.51	/	/	18.91	/	/	<=30	Pass

		Edge 1RB Right	17.44	/	/	18.84	/	/	<=30	Pass	
		Outer Full	17.59	/	/	18.99	/	/	<=30	Pass	
		Inner Full	17.70	/	/	19.10	/	/	<=30	Pass	
		Inner 1RB Left	17.52	/	/	18.92	/	/	<=30	Pass	
		Inner 1RB Right	17.40	/	/	18.80	/	/	<=30	Pass	
	3769.98	Edge 1RB Left	17.63	/	/	19.03	/	/	<=30	Pass	
		Edge 1RB Right	17.34	/	/	18.74	/	/	<=30	Pass	
		Outer Full	17.53	/	/	18.93	/	/	<=30	Pass	
		Inner Full	17.59	/	/	18.99	/	/	<=30	Pass	
		Inner 1RB Left	17.55	/	/	18.95	/	/	<=30	Pass	
	CP-OFDM 256 QAM	3730.02	Inner 1RB Right	17.32	/	/	18.72	/	/	<=30	Pass
			Edge 1RB Left	14.94	/	/	16.34	/	/	<=30	Pass
			Edge 1RB Right	14.86	/	/	16.26	/	/	<=30	Pass
			Outer Full	14.82	/	/	16.22	/	/	<=30	Pass
Inner Full			14.85	/	/	16.25	/	/	<=30	Pass	
Inner 1RB Left			14.87	/	/	16.27	/	/	<=30	Pass	
3750		Inner 1RB Right	14.87	/	/	16.27	/	/	<=30	Pass	
		Edge 1RB Left	14.86	/	/	16.26	/	/	<=30	Pass	
		Edge 1RB Right	14.73	/	/	16.13	/	/	<=30	Pass	
		Outer Full	14.87	/	/	16.27	/	/	<=30	Pass	
		Inner Full	14.83	/	/	16.23	/	/	<=30	Pass	
		Inner 1RB Left	14.82	/	/	16.22	/	/	<=30	Pass	
3769.98		Inner 1RB Right	14.67	/	/	16.07	/	/	<=30	Pass	
		Edge 1RB Left	14.83	/	/	16.23	/	/	<=30	Pass	
	Edge 1RB Right	14.60	/	/	16.00	/	/	<=30	Pass		
	Outer Full	14.76	/	/	16.16	/	/	<=30	Pass		
	Inner Full	14.70	/	/	16.10	/	/	<=30	Pass		
	Inner 1RB Left	14.82	/	/	16.22	/	/	<=30	Pass		
	Inner 1RB Right	14.56	/	/	15.96	/	/	<=30	Pass		
Note1: Antenna Gain: Ant1: 1.40dBi;											
Note2: EIRP=Conducted Power+Antenna Gain											

1.1.6 30k_SISO_70MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 70MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3735	Edge 1RB Left	20.27	/	/	21.67	/	/	<=30	Pass
		Edge 1RB Right	20.31	/	/	21.71	/	/	<=30	Pass
		Outer Full	20.38	/	/	21.78	/	/	<=30	Pass
		Inner Full	20.92	/	/	22.32	/	/	<=30	Pass
		Inner 1RB Left	20.79	/	/	22.19	/	/	<=30	Pass
		Inner 1RB Right	20.85	/	/	22.25	/	/	<=30	Pass
	3750	Edge 1RB Left	20.42	/	/	21.82	/	/	<=30	Pass
		Edge 1RB Right	20.30	/	/	21.70	/	/	<=30	Pass
		Outer Full	20.47	/	/	21.87	/	/	<=30	Pass
		Inner Full	20.99	/	/	22.39	/	/	<=30	Pass
		Inner 1RB Left	20.94	/	/	22.34	/	/	<=30	Pass
		Inner 1RB Right	20.84	/	/	22.24	/	/	<=30	Pass
	3765	Edge 1RB Left	20.41	/	/	21.81	/	/	<=30	Pass
		Edge 1RB Right	20.24	/	/	21.64	/	/	<=30	Pass
		Outer Full	20.33	/	/	21.73	/	/	<=30	Pass
		Inner Full	20.93	/	/	22.33	/	/	<=30	Pass
		Inner 1RB Left	20.90	/	/	22.30	/	/	<=30	Pass
		Inner 1RB Right	20.82	/	/	22.22	/	/	<=30	Pass
DFT-s-OFDM QPSK	3735	Edge 1RB Left	19.72	/	/	21.12	/	/	<=30	Pass
		Edge 1RB Right	19.78	/	/	21.18	/	/	<=30	Pass
		Outer Full	19.87	/	/	21.27	/	/	<=30	Pass

		Inner_Full	20.93	/	/	22.33	/	/	<=30	Pass
		Inner_1RB_Left	20.73	/	/	22.13	/	/	<=30	Pass
		Inner_1RB_Right	20.87	/	/	22.27	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.87	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	19.78	/	/	21.18	/	/	<=30	Pass
		Outer_Full	19.96	/	/	21.36	/	/	<=30	Pass
		Inner_Full	20.95	/	/	22.35	/	/	<=30	Pass
		Inner_1RB_Left	20.93	/	/	22.33	/	/	<=30	Pass
		Inner_1RB_Right	20.76	/	/	22.16	/	/	<=30	Pass
	3765	Edge_1RB_Left	19.84	/	/	21.24	/	/	<=30	Pass
		Edge_1RB_Right	19.81	/	/	21.21	/	/	<=30	Pass
		Outer_Full	19.84	/	/	21.24	/	/	<=30	Pass
		Inner_Full	20.88	/	/	22.28	/	/	<=30	Pass
		Inner_1RB_Left	20.87	/	/	22.27	/	/	<=30	Pass
		Inner_1RB_Right	20.76	/	/	22.16	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3735	Edge_1RB_Left	18.84	/	/	20.24	/	/	<=30	Pass
		Edge_1RB_Right	18.93	/	/	20.33	/	/	<=30	Pass
		Outer_Full	18.86	/	/	20.26	/	/	<=30	Pass
		Inner_Full	19.88	/	/	21.28	/	/	<=30	Pass
		Inner_1RB_Left	19.86	/	/	21.26	/	/	<=30	Pass
		Inner_1RB_Right	19.98	/	/	21.38	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.95	/	/	20.35	/	/	<=30	Pass
		Edge_1RB_Right	18.80	/	/	20.20	/	/	<=30	Pass
		Outer_Full	18.99	/	/	20.39	/	/	<=30	Pass
		Inner_Full	20.01	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Left	19.89	/	/	21.29	/	/	<=30	Pass
		Inner_1RB_Right	19.76	/	/	21.16	/	/	<=30	Pass
	3765	Edge_1RB_Left	19.04	/	/	20.44	/	/	<=30	Pass
		Edge_1RB_Right	18.99	/	/	20.39	/	/	<=30	Pass
		Outer_Full	18.90	/	/	20.30	/	/	<=30	Pass
		Inner_Full	19.87	/	/	21.27	/	/	<=30	Pass
		Inner_1RB_Left	20.02	/	/	21.42	/	/	<=30	Pass
		Inner_1RB_Right	19.87	/	/	21.27	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3735	Edge_1RB_Left	18.27	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	18.38	/	/	19.78	/	/	<=30	Pass
		Outer_Full	18.43	/	/	19.83	/	/	<=30	Pass
		Inner_Full	18.47	/	/	19.87	/	/	<=30	Pass
		Inner_1RB_Left	18.31	/	/	19.71	/	/	<=30	Pass
		Inner_1RB_Right	18.35	/	/	19.75	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.34	/	/	19.74	/	/	<=30	Pass
		Edge_1RB_Right	18.27	/	/	19.67	/	/	<=30	Pass
		Outer_Full	18.46	/	/	19.86	/	/	<=30	Pass
		Inner_Full	18.51	/	/	19.91	/	/	<=30	Pass
		Inner_1RB_Left	18.43	/	/	19.83	/	/	<=30	Pass
		Inner_1RB_Right	18.27	/	/	19.67	/	/	<=30	Pass
	3765	Edge_1RB_Left	18.33	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Right	18.32	/	/	19.72	/	/	<=30	Pass
		Outer_Full	18.38	/	/	19.78	/	/	<=30	Pass
		Inner_Full	18.35	/	/	19.75	/	/	<=30	Pass
		Inner_1RB_Left	18.34	/	/	19.74	/	/	<=30	Pass
		Inner_1RB_Right	18.29	/	/	19.69	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3735	Edge_1RB_Left	16.32	/	/	17.72	/	/	<=30	Pass
		Edge_1RB_Right	16.40	/	/	17.80	/	/	<=30	Pass
		Outer_Full	16.40	/	/	17.80	/	/	<=30	Pass
		Inner_Full	16.36	/	/	17.76	/	/	<=30	Pass
		Inner_1RB_Left	16.34	/	/	17.74	/	/	<=30	Pass
		Inner_1RB_Right	16.34	/	/	17.74	/	/	<=30	Pass
	3750	Edge_1RB_Left	16.29	/	/	17.69	/	/	<=30	Pass
		Edge_1RB_Right	16.16	/	/	17.56	/	/	<=30	Pass

		Outer_Full	16.38	/	/	17.78	/	/	<=30	Pass
		Inner_Full	16.43	/	/	17.83	/	/	<=30	Pass
		Inner_1RB_Left	16.35	/	/	17.75	/	/	<=30	Pass
		Inner_1RB_Right	16.20	/	/	17.60	/	/	<=30	Pass
	3765	Edge_1RB_Left	16.27	/	/	17.67	/	/	<=30	Pass
		Edge_1RB_Right	16.24	/	/	17.64	/	/	<=30	Pass
		Outer_Full	16.30	/	/	17.70	/	/	<=30	Pass
		Inner_Full	16.29	/	/	17.69	/	/	<=30	Pass
		Inner_1RB_Left	16.29	/	/	17.69	/	/	<=30	Pass
		Inner_1RB_Right	16.22	/	/	17.62	/	/	<=30	Pass
CP-OFDM QPSK	3735	Edge_1RB_Left	17.87	/	/	19.27	/	/	<=30	Pass
		Edge_1RB_Right	17.88	/	/	19.28	/	/	<=30	Pass
		Outer_Full	17.83	/	/	19.23	/	/	<=30	Pass
		Inner_Full	19.51	/	/	20.91	/	/	<=30	Pass
		Inner_1RB_Left	19.39	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Right	19.47	/	/	20.87	/	/	<=30	Pass
	3750	Edge_1RB_Left	17.88	/	/	19.28	/	/	<=30	Pass
		Edge_1RB_Right	17.83	/	/	19.23	/	/	<=30	Pass
		Outer_Full	17.92	/	/	19.32	/	/	<=30	Pass
		Inner_Full	19.52	/	/	20.92	/	/	<=30	Pass
		Inner_1RB_Left	19.42	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Right	19.32	/	/	20.72	/	/	<=30	Pass
	3765	Edge_1RB_Left	17.88	/	/	19.28	/	/	<=30	Pass
		Edge_1RB_Right	17.79	/	/	19.19	/	/	<=30	Pass
		Outer_Full	17.82	/	/	19.22	/	/	<=30	Pass
		Inner_Full	19.37	/	/	20.77	/	/	<=30	Pass
		Inner_1RB_Left	19.32	/	/	20.72	/	/	<=30	Pass
		Inner_1RB_Right	19.24	/	/	20.64	/	/	<=30	Pass
CP-OFDM 16 QAM	3735	Edge_1RB_Left	17.87	/	/	19.27	/	/	<=30	Pass
		Edge_1RB_Right	17.94	/	/	19.34	/	/	<=30	Pass
		Outer_Full	17.88	/	/	19.28	/	/	<=30	Pass
		Inner_Full	18.95	/	/	20.35	/	/	<=30	Pass
		Inner_1RB_Left	18.81	/	/	20.21	/	/	<=30	Pass
		Inner_1RB_Right	18.90	/	/	20.30	/	/	<=30	Pass
	3750	Edge_1RB_Left	17.97	/	/	19.37	/	/	<=30	Pass
		Edge_1RB_Right	17.84	/	/	19.24	/	/	<=30	Pass
		Outer_Full	17.92	/	/	19.32	/	/	<=30	Pass
		Inner_Full	19.02	/	/	20.42	/	/	<=30	Pass
		Inner_1RB_Left	18.96	/	/	20.36	/	/	<=30	Pass
		Inner_1RB_Right	18.78	/	/	20.18	/	/	<=30	Pass
	3765	Edge_1RB_Left	17.92	/	/	19.32	/	/	<=30	Pass
		Edge_1RB_Right	17.85	/	/	19.25	/	/	<=30	Pass
		Outer_Full	17.83	/	/	19.23	/	/	<=30	Pass
		Inner_Full	18.91	/	/	20.31	/	/	<=30	Pass
		Inner_1RB_Left	18.82	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Right	18.86	/	/	20.26	/	/	<=30	Pass
CP-OFDM 64 QAM	3735	Edge_1RB_Left	17.27	/	/	18.67	/	/	<=30	Pass
		Edge_1RB_Right	17.42	/	/	18.82	/	/	<=30	Pass
		Outer_Full	17.35	/	/	18.75	/	/	<=30	Pass
		Inner_Full	17.45	/	/	18.85	/	/	<=30	Pass
		Inner_1RB_Left	17.35	/	/	18.75	/	/	<=30	Pass
		Inner_1RB_Right	17.33	/	/	18.73	/	/	<=30	Pass
	3750	Edge_1RB_Left	17.45	/	/	18.85	/	/	<=30	Pass
		Edge_1RB_Right	17.29	/	/	18.69	/	/	<=30	Pass
		Outer_Full	17.45	/	/	18.85	/	/	<=30	Pass
		Inner_Full	17.54	/	/	18.94	/	/	<=30	Pass
		Inner_1RB_Left	17.47	/	/	18.87	/	/	<=30	Pass
		Inner_1RB_Right	17.36	/	/	18.76	/	/	<=30	Pass
	3765	Edge_1RB_Left	17.57	/	/	18.97	/	/	<=30	Pass

		Edge 1RB Right	17.43	/	/	18.83	/	/	<=30	Pass	
		Outer Full	17.36	/	/	18.76	/	/	<=30	Pass	
		Inner Full	17.34	/	/	18.74	/	/	<=30	Pass	
		Inner 1RB Left	17.46	/	/	18.86	/	/	<=30	Pass	
		Inner 1RB Right	17.37	/	/	18.77	/	/	<=30	Pass	
CP-OFDM 256 QAM	3735	Edge 1RB Left	14.73	/	/	16.13	/	/	<=30	Pass	
		Edge 1RB Right	14.66	/	/	16.06	/	/	<=30	Pass	
		Outer Full	14.63	/	/	16.03	/	/	<=30	Pass	
		Inner Full	14.66	/	/	16.06	/	/	<=30	Pass	
		Inner 1RB Left	14.73	/	/	16.13	/	/	<=30	Pass	
		Inner 1RB Right	14.61	/	/	16.01	/	/	<=30	Pass	
	3750	Edge 1RB Left	14.85	/	/	16.25	/	/	<=30	Pass	
		Edge 1RB Right	14.45	/	/	15.85	/	/	<=30	Pass	
		Outer Full	14.63	/	/	16.03	/	/	<=30	Pass	
		Inner Full	14.62	/	/	16.02	/	/	<=30	Pass	
		Inner 1RB Left	14.85	/	/	16.25	/	/	<=30	Pass	
		Inner 1RB Right	14.42	/	/	15.82	/	/	<=30	Pass	
	3765	Edge 1RB Left	14.72	/	/	16.12	/	/	<=30	Pass	
		Edge 1RB Right	14.55	/	/	15.95	/	/	<=30	Pass	
		Outer Full	14.56	/	/	15.96	/	/	<=30	Pass	
		Inner Full	14.59	/	/	15.99	/	/	<=30	Pass	
		Inner 1RB Left	14.70	/	/	16.10	/	/	<=30	Pass	
			Inner 1RB Right	14.54	/	/	15.94	/	/	<=30	Pass
	Note1: Antenna Gain: Ant1: 1.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 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 PI/2 BPSK	3740.01	Edge_1RB_Left	20.38	/	/	21.78	/	/	<=30	Pass
		Edge_1RB_Right	20.21	/	/	21.61	/	/	<=30	Pass
		Outer_Full	20.44	/	/	21.84	/	/	<=30	Pass
		Inner_Full	21.11	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Left	20.89	/	/	22.29	/	/	<=30	Pass
		Inner_1RB_Right	20.75	/	/	22.15	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.39	/	/	21.79	/	/	<=30	Pass
		Edge_1RB_Right	20.28	/	/	21.68	/	/	<=30	Pass
		Outer_Full	20.35	/	/	21.75	/	/	<=30	Pass
		Inner_Full	20.97	/	/	22.37	/	/	<=30	Pass
		Inner_1RB_Left	20.92	/	/	22.32	/	/	<=30	Pass
		Inner_1RB_Right	20.80	/	/	22.20	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	20.37	/	/	21.77	/	/	<=30	Pass
		Edge_1RB_Right	20.22	/	/	21.62	/	/	<=30	Pass
		Outer_Full	20.36	/	/	21.76	/	/	<=30	Pass
		Inner_Full	20.95	/	/	22.35	/	/	<=30	Pass
		Inner_1RB_Left	20.91	/	/	22.31	/	/	<=30	Pass
		Inner_1RB_Right	20.76	/	/	22.16	/	/	<=30	Pass
DFT-s-OFDM QPSK	3740.01	Edge_1RB_Left	19.86	/	/	21.26	/	/	<=30	Pass
		Edge_1RB_Right	19.70	/	/	21.10	/	/	<=30	Pass
		Outer_Full	19.95	/	/	21.35	/	/	<=30	Pass
		Inner_Full	21.05	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Left	20.87	/	/	22.27	/	/	<=30	Pass
		Inner_1RB_Right	20.73	/	/	22.13	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.90	/	/	21.30	/	/	<=30	Pass
		Edge_1RB_Right	19.76	/	/	21.16	/	/	<=30	Pass
		Outer_Full	19.94	/	/	21.34	/	/	<=30	Pass

		Inner_Full	21.07	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Left	20.87	/	/	22.27	/	/	<=30	Pass
		Inner_1RB_Right	20.77	/	/	22.17	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	19.83	/	/	21.23	/	/	<=30	Pass
		Edge_1RB_Right	19.69	/	/	21.09	/	/	<=30	Pass
		Outer_Full	19.90	/	/	21.30	/	/	<=30	Pass
		Inner_Full	20.97	/	/	22.37	/	/	<=30	Pass
		Inner_1RB_Left	20.93	/	/	22.33	/	/	<=30	Pass
		Inner_1RB_Right	20.75	/	/	22.15	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3740.01	Edge_1RB_Left	18.87	/	/	20.27	/	/	<=30	Pass
		Edge_1RB_Right	18.77	/	/	20.17	/	/	<=30	Pass
		Outer_Full	18.95	/	/	20.35	/	/	<=30	Pass
		Inner_Full	20.02	/	/	21.42	/	/	<=30	Pass
		Inner_1RB_Left	19.84	/	/	21.24	/	/	<=30	Pass
		Inner_1RB_Right	19.71	/	/	21.11	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.99	/	/	20.39	/	/	<=30	Pass
		Edge_1RB_Right	18.84	/	/	20.24	/	/	<=30	Pass
		Outer_Full	18.88	/	/	20.28	/	/	<=30	Pass
		Inner_Full	19.99	/	/	21.39	/	/	<=30	Pass
		Inner_1RB_Left	20.02	/	/	21.42	/	/	<=30	Pass
		Inner_1RB_Right	19.84	/	/	21.24	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	18.93	/	/	20.33	/	/	<=30	Pass
		Edge_1RB_Right	18.75	/	/	20.15	/	/	<=30	Pass
		Outer_Full	18.82	/	/	20.22	/	/	<=30	Pass
		Inner_Full	19.90	/	/	21.30	/	/	<=30	Pass
		Inner_1RB_Left	19.88	/	/	21.28	/	/	<=30	Pass
		Inner_1RB_Right	19.72	/	/	21.12	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3740.01	Edge_1RB_Left	18.39	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	18.16	/	/	19.56	/	/	<=30	Pass
		Outer_Full	18.48	/	/	19.88	/	/	<=30	Pass
		Inner_Full	18.48	/	/	19.88	/	/	<=30	Pass
		Inner_1RB_Left	18.41	/	/	19.81	/	/	<=30	Pass
		Inner_1RB_Right	18.24	/	/	19.64	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.48	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	18.32	/	/	19.72	/	/	<=30	Pass
		Outer_Full	18.39	/	/	19.79	/	/	<=30	Pass
		Inner_Full	18.52	/	/	19.92	/	/	<=30	Pass
		Inner_1RB_Left	18.45	/	/	19.85	/	/	<=30	Pass
		Inner_1RB_Right	18.37	/	/	19.77	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	18.39	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	18.19	/	/	19.59	/	/	<=30	Pass
		Outer_Full	18.41	/	/	19.81	/	/	<=30	Pass
		Inner_Full	18.39	/	/	19.79	/	/	<=30	Pass
		Inner_1RB_Left	18.37	/	/	19.77	/	/	<=30	Pass
		Inner_1RB_Right	18.18	/	/	19.58	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3740.01	Edge_1RB_Left	16.38	/	/	17.78	/	/	<=30	Pass
		Edge_1RB_Right	16.22	/	/	17.62	/	/	<=30	Pass
		Outer_Full	16.42	/	/	17.82	/	/	<=30	Pass
		Inner_Full	16.50	/	/	17.90	/	/	<=30	Pass
		Inner_1RB_Left	16.31	/	/	17.71	/	/	<=30	Pass
		Inner_1RB_Right	16.27	/	/	17.67	/	/	<=30	Pass
	3750	Edge_1RB_Left	16.29	/	/	17.69	/	/	<=30	Pass
		Edge_1RB_Right	16.27	/	/	17.67	/	/	<=30	Pass
		Outer_Full	16.40	/	/	17.80	/	/	<=30	Pass
		Inner_Full	16.47	/	/	17.87	/	/	<=30	Pass
		Inner_1RB_Left	16.40	/	/	17.80	/	/	<=30	Pass
		Inner_1RB_Right	16.28	/	/	17.68	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	16.43	/	/	17.83	/	/	<=30	Pass
		Edge_1RB_Right	16.19	/	/	17.59	/	/	<=30	Pass

		Outer_Full	16.41	/	/	17.81	/	/	<=30	Pass
		Inner_Full	16.35	/	/	17.75	/	/	<=30	Pass
		Inner_1RB_Left	16.29	/	/	17.69	/	/	<=30	Pass
		Inner_1RB_Right	16.18	/	/	17.58	/	/	<=30	Pass
CP-OFDM QPSK	3740.01	Edge_1RB_Left	17.91	/	/	19.31	/	/	<=30	Pass
		Edge_1RB_Right	17.75	/	/	19.15	/	/	<=30	Pass
		Outer_Full	17.92	/	/	19.32	/	/	<=30	Pass
		Inner_Full	19.50	/	/	20.90	/	/	<=30	Pass
		Inner_1RB_Left	19.39	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Right	19.18	/	/	20.58	/	/	<=30	Pass
	3750	Edge_1RB_Left	17.95	/	/	19.35	/	/	<=30	Pass
		Edge_1RB_Right	17.85	/	/	19.25	/	/	<=30	Pass
		Outer_Full	17.93	/	/	19.33	/	/	<=30	Pass
		Inner_Full	19.54	/	/	20.94	/	/	<=30	Pass
		Inner_1RB_Left	19.32	/	/	20.72	/	/	<=30	Pass
		Inner_1RB_Right	19.25	/	/	20.65	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	17.96	/	/	19.36	/	/	<=30	Pass
		Edge_1RB_Right	17.75	/	/	19.15	/	/	<=30	Pass
		Outer_Full	17.85	/	/	19.25	/	/	<=30	Pass
		Inner_Full	19.45	/	/	20.85	/	/	<=30	Pass
		Inner_1RB_Left	19.31	/	/	20.71	/	/	<=30	Pass
		Inner_1RB_Right	19.25	/	/	20.65	/	/	<=30	Pass
CP-OFDM 16 QAM	3740.01	Edge_1RB_Left	17.97	/	/	19.37	/	/	<=30	Pass
		Edge_1RB_Right	17.90	/	/	19.30	/	/	<=30	Pass
		Outer_Full	17.90	/	/	19.30	/	/	<=30	Pass
		Inner_Full	18.95	/	/	20.35	/	/	<=30	Pass
		Inner_1RB_Left	18.91	/	/	20.31	/	/	<=30	Pass
		Inner_1RB_Right	18.73	/	/	20.13	/	/	<=30	Pass
	3750	Edge_1RB_Left	17.94	/	/	19.34	/	/	<=30	Pass
		Edge_1RB_Right	17.89	/	/	19.29	/	/	<=30	Pass
		Outer_Full	17.91	/	/	19.31	/	/	<=30	Pass
		Inner_Full	18.97	/	/	20.37	/	/	<=30	Pass
		Inner_1RB_Left	18.93	/	/	20.33	/	/	<=30	Pass
		Inner_1RB_Right	18.87	/	/	20.27	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	17.93	/	/	19.33	/	/	<=30	Pass
		Edge_1RB_Right	17.73	/	/	19.13	/	/	<=30	Pass
		Outer_Full	17.87	/	/	19.27	/	/	<=30	Pass
		Inner_Full	18.91	/	/	20.31	/	/	<=30	Pass
		Inner_1RB_Left	18.90	/	/	20.30	/	/	<=30	Pass
		Inner_1RB_Right	18.73	/	/	20.13	/	/	<=30	Pass
CP-OFDM 64 QAM	3740.01	Edge_1RB_Left	17.39	/	/	18.79	/	/	<=30	Pass
		Edge_1RB_Right	17.29	/	/	18.69	/	/	<=30	Pass
		Outer_Full	17.45	/	/	18.85	/	/	<=30	Pass
		Inner_Full	17.48	/	/	18.88	/	/	<=30	Pass
		Inner_1RB_Left	17.38	/	/	18.78	/	/	<=30	Pass
		Inner_1RB_Right	17.15	/	/	18.55	/	/	<=30	Pass
	3750	Edge_1RB_Left	17.44	/	/	18.84	/	/	<=30	Pass
		Edge_1RB_Right	17.30	/	/	18.70	/	/	<=30	Pass
		Outer_Full	17.44	/	/	18.84	/	/	<=30	Pass
		Inner_Full	17.43	/	/	18.83	/	/	<=30	Pass
		Inner_1RB_Left	17.45	/	/	18.85	/	/	<=30	Pass
		Inner_1RB_Right	17.34	/	/	18.74	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	17.46	/	/	18.86	/	/	<=30	Pass
		Edge_1RB_Right	17.30	/	/	18.70	/	/	<=30	Pass
		Outer_Full	17.31	/	/	18.71	/	/	<=30	Pass
		Inner_Full	17.39	/	/	18.79	/	/	<=30	Pass
		Inner_1RB_Left	17.41	/	/	18.81	/	/	<=30	Pass
		Inner_1RB_Right	17.23	/	/	18.63	/	/	<=30	Pass
CP-OFDM 256 QAM	3740.01	Edge_1RB_Left	14.76	/	/	16.16	/	/	<=30	Pass

		Edge_1RB_Right	14.46	/	/	15.86	/	/	<=30	Pass
		Outer_Full	14.62	/	/	16.02	/	/	<=30	Pass
		Inner_Full	14.67	/	/	16.07	/	/	<=30	Pass
		Inner_1RB_Left	14.78	/	/	16.18	/	/	<=30	Pass
		Inner_1RB_Right	14.50	/	/	15.90	/	/	<=30	Pass
	3750	Edge_1RB_Left	14.90	/	/	16.30	/	/	<=30	Pass
		Edge_1RB_Right	14.51	/	/	15.91	/	/	<=30	Pass
		Outer_Full	14.63	/	/	16.03	/	/	<=30	Pass
		Inner_Full	14.67	/	/	16.07	/	/	<=30	Pass
		Inner_1RB_Left	14.89	/	/	16.29	/	/	<=30	Pass
	3759.99	Inner_1RB_Right	14.48	/	/	15.88	/	/	<=30	Pass
		Edge_1RB_Left	14.83	/	/	16.23	/	/	<=30	Pass
		Edge_1RB_Right	14.41	/	/	15.81	/	/	<=30	Pass
		Outer_Full	14.59	/	/	15.99	/	/	<=30	Pass
		Inner_Full	14.65	/	/	16.05	/	/	<=30	Pass
		Inner_1RB_Left	14.84	/	/	16.24	/	/	<=30	Pass
		Inner_1RB_Right	14.42	/	/	15.82	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 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 PI/2 BPSK	3745.02	Edge_1RB_Left	20.32	/	/	21.72	/	/	<=30	Pass
		Edge_1RB_Right	20.46	/	/	21.86	/	/	<=30	Pass
		Outer_Full	20.38	/	/	21.78	/	/	<=30	Pass
		Inner_Full	20.96	/	/	22.36	/	/	<=30	Pass
		Inner_1RB_Left	20.83	/	/	22.23	/	/	<=30	Pass
		Inner_1RB_Right	20.98	/	/	22.38	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.38	/	/	21.78	/	/	<=30	Pass
		Edge_1RB_Right	20.37	/	/	21.77	/	/	<=30	Pass
		Outer_Full	20.45	/	/	21.85	/	/	<=30	Pass
		Inner_Full	21.04	/	/	22.44	/	/	<=30	Pass
		Inner_1RB_Left	20.89	/	/	22.29	/	/	<=30	Pass
		Inner_1RB_Right	20.90	/	/	22.30	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	20.43	/	/	21.83	/	/	<=30	Pass
		Edge_1RB_Right	20.17	/	/	21.57	/	/	<=30	Pass
		Outer_Full	20.42	/	/	21.82	/	/	<=30	Pass
		Inner_Full	21.07	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Left	21.03	/	/	22.43	/	/	<=30	Pass
		Inner_1RB_Right	20.66	/	/	22.06	/	/	<=30	Pass
DFT-s-OFDM QPSK	3745.02	Edge_1RB_Left	19.76	/	/	21.16	/	/	<=30	Pass
		Edge_1RB_Right	19.98	/	/	21.38	/	/	<=30	Pass
		Outer_Full	19.86	/	/	21.26	/	/	<=30	Pass
		Inner_Full	20.95	/	/	22.35	/	/	<=30	Pass
		Inner_1RB_Left	20.80	/	/	22.20	/	/	<=30	Pass
		Inner_1RB_Right	21.03	/	/	22.43	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.87	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	19.79	/	/	21.19	/	/	<=30	Pass
		Outer_Full	19.92	/	/	21.32	/	/	<=30	Pass
		Inner_Full	21.05	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Left	20.91	/	/	22.31	/	/	<=30	Pass
		Inner_1RB_Right	20.83	/	/	22.23	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	19.93	/	/	21.33	/	/	<=30	Pass
		Edge_1RB_Right	19.68	/	/	21.08	/	/	<=30	Pass
		Outer_Full	19.91	/	/	21.31	/	/	<=30	Pass

		Inner_Full	21.04	/	/	22.44	/	/	<=30	Pass
		Inner_1RB_Left	21.00	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Right	20.69	/	/	22.09	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3745.02	Edge_1RB_Left	18.74	/	/	20.14	/	/	<=30	Pass
		Edge_1RB_Right	18.99	/	/	20.39	/	/	<=30	Pass
		Outer_Full	18.90	/	/	20.30	/	/	<=30	Pass
		Inner_Full	19.99	/	/	21.39	/	/	<=30	Pass
		Inner_1RB_Left	19.82	/	/	21.22	/	/	<=30	Pass
		Inner_1RB_Right	20.01	/	/	21.41	/	/	<=30	Pass
		Edge_1RB_Left	18.90	/	/	20.30	/	/	<=30	Pass
		Edge_1RB_Right	18.93	/	/	20.33	/	/	<=30	Pass
	3750	Outer_Full	18.97	/	/	20.37	/	/	<=30	Pass
		Inner_Full	19.98	/	/	21.38	/	/	<=30	Pass
		Inner_1RB_Left	19.84	/	/	21.24	/	/	<=30	Pass
		Inner_1RB_Right	19.82	/	/	21.22	/	/	<=30	Pass
		Edge_1RB_Left	19.00	/	/	20.40	/	/	<=30	Pass
		Edge_1RB_Right	18.71	/	/	20.11	/	/	<=30	Pass
	3754.98	Outer_Full	18.95	/	/	20.35	/	/	<=30	Pass
		Inner_Full	20.05	/	/	21.45	/	/	<=30	Pass
		Inner_1RB_Left	19.98	/	/	21.38	/	/	<=30	Pass
		Inner_1RB_Right	19.60	/	/	21.00	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3745.02	Edge_1RB_Left	18.26	/	/	19.66	/	/	<=30	Pass
		Edge_1RB_Right	18.45	/	/	19.85	/	/	<=30	Pass
		Outer_Full	18.41	/	/	19.81	/	/	<=30	Pass
		Inner_Full	18.45	/	/	19.85	/	/	<=30	Pass
		Inner_1RB_Left	18.22	/	/	19.62	/	/	<=30	Pass
		Inner_1RB_Right	18.43	/	/	19.83	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.35	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Right	18.35	/	/	19.75	/	/	<=30	Pass
		Outer_Full	18.44	/	/	19.84	/	/	<=30	Pass
		Inner_Full	18.51	/	/	19.91	/	/	<=30	Pass
		Inner_1RB_Left	18.30	/	/	19.70	/	/	<=30	Pass
		Inner_1RB_Right	18.30	/	/	19.70	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	18.44	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	18.21	/	/	19.61	/	/	<=30	Pass
		Outer_Full	18.45	/	/	19.85	/	/	<=30	Pass
		Inner_Full	18.52	/	/	19.92	/	/	<=30	Pass
		Inner_1RB_Left	18.51	/	/	19.91	/	/	<=30	Pass
		Inner_1RB_Right	18.19	/	/	19.59	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3745.02	Edge_1RB_Left	16.34	/	/	17.74	/	/	<=30	Pass
		Edge_1RB_Right	16.45	/	/	17.85	/	/	<=30	Pass
		Outer_Full	16.40	/	/	17.80	/	/	<=30	Pass
		Inner_Full	16.45	/	/	17.85	/	/	<=30	Pass
		Inner_1RB_Left	16.31	/	/	17.71	/	/	<=30	Pass
		Inner_1RB_Right	16.52	/	/	17.92	/	/	<=30	Pass
	3750	Edge_1RB_Left	16.43	/	/	17.83	/	/	<=30	Pass
		Edge_1RB_Right	16.38	/	/	17.78	/	/	<=30	Pass
		Outer_Full	16.40	/	/	17.80	/	/	<=30	Pass
		Inner_Full	16.48	/	/	17.88	/	/	<=30	Pass
		Inner_1RB_Left	16.36	/	/	17.76	/	/	<=30	Pass
		Inner_1RB_Right	16.37	/	/	17.77	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	16.49	/	/	17.89	/	/	<=30	Pass
		Edge_1RB_Right	16.18	/	/	17.58	/	/	<=30	Pass
		Outer_Full	16.44	/	/	17.84	/	/	<=30	Pass
		Inner_Full	16.54	/	/	17.94	/	/	<=30	Pass
		Inner_1RB_Left	16.47	/	/	17.87	/	/	<=30	Pass
		Inner_1RB_Right	16.23	/	/	17.63	/	/	<=30	Pass
CP-OFDM QPSK	3745.02	Edge_1RB_Left	17.80	/	/	19.20	/	/	<=30	Pass
		Edge_1RB_Right	17.99	/	/	19.39	/	/	<=30	Pass

		Outer_Full	17.86	/	/	19.26	/	/	<=30	Pass
		Inner_Full	19.45	/	/	20.85	/	/	<=30	Pass
		Inner_1RB_Left	19.17	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Right	19.59	/	/	20.99	/	/	<=30	Pass
	3750	Edge_1RB_Left	17.91	/	/	19.31	/	/	<=30	Pass
		Edge_1RB_Right	17.86	/	/	19.26	/	/	<=30	Pass
		Outer_Full	17.92	/	/	19.32	/	/	<=30	Pass
		Inner_Full	19.53	/	/	20.93	/	/	<=30	Pass
		Inner_1RB_Left	19.38	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Right	19.44	/	/	20.84	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	17.97	/	/	19.37	/	/	<=30	Pass
		Edge_1RB_Right	17.59	/	/	18.99	/	/	<=30	Pass
		Outer_Full	17.90	/	/	19.30	/	/	<=30	Pass
		Inner_Full	19.50	/	/	20.90	/	/	<=30	Pass
		Inner_1RB_Left	19.49	/	/	20.89	/	/	<=30	Pass
CP-OFDM 16 QAM	3745.02	Inner_1RB_Right	19.18	/	/	20.58	/	/	<=30	Pass
		Edge_1RB_Left	17.75	/	/	19.15	/	/	<=30	Pass
		Edge_1RB_Right	18.00	/	/	19.40	/	/	<=30	Pass
		Outer_Full	17.88	/	/	19.28	/	/	<=30	Pass
		Inner_Full	19.01	/	/	20.41	/	/	<=30	Pass
	3750	Inner_1RB_Left	18.84	/	/	20.24	/	/	<=30	Pass
		Inner_1RB_Right	19.12	/	/	20.52	/	/	<=30	Pass
		Edge_1RB_Left	17.96	/	/	19.36	/	/	<=30	Pass
		Edge_1RB_Right	17.81	/	/	19.21	/	/	<=30	Pass
		Outer_Full	17.91	/	/	19.31	/	/	<=30	Pass
	3754.98	Inner_Full	19.05	/	/	20.45	/	/	<=30	Pass
		Inner_1RB_Left	18.97	/	/	20.37	/	/	<=30	Pass
		Inner_1RB_Right	18.96	/	/	20.36	/	/	<=30	Pass
		Edge_1RB_Left	17.92	/	/	19.32	/	/	<=30	Pass
		Edge_1RB_Right	17.63	/	/	19.03	/	/	<=30	Pass
CP-OFDM 64 QAM	3745.02	Outer_Full	17.91	/	/	19.31	/	/	<=30	Pass
		Inner_Full	18.99	/	/	20.39	/	/	<=30	Pass
		Inner_1RB_Left	19.07	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Right	18.80	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Left	17.38	/	/	18.78	/	/	<=30	Pass
	3750	Edge_1RB_Right	17.54	/	/	18.94	/	/	<=30	Pass
		Outer_Full	17.34	/	/	18.74	/	/	<=30	Pass
		Inner_Full	17.43	/	/	18.83	/	/	<=30	Pass
		Inner_1RB_Left	17.32	/	/	18.72	/	/	<=30	Pass
		Inner_1RB_Right	17.53	/	/	18.93	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	17.47	/	/	18.87	/	/	<=30	Pass
		Edge_1RB_Right	17.34	/	/	18.74	/	/	<=30	Pass
		Outer_Full	17.41	/	/	18.81	/	/	<=30	Pass
		Inner_Full	17.43	/	/	18.83	/	/	<=30	Pass
		Inner_1RB_Left	17.41	/	/	18.81	/	/	<=30	Pass
CP-OFDM 256 QAM	3745.02	Inner_1RB_Right	17.42	/	/	18.82	/	/	<=30	Pass
		Edge_1RB_Left	17.47	/	/	18.87	/	/	<=30	Pass
		Edge_1RB_Right	17.19	/	/	18.59	/	/	<=30	Pass
		Outer_Full	17.38	/	/	18.78	/	/	<=30	Pass
		Inner_Full	17.52	/	/	18.92	/	/	<=30	Pass
	3750	Inner_1RB_Left	17.47	/	/	18.87	/	/	<=30	Pass
		Inner_1RB_Right	17.28	/	/	18.68	/	/	<=30	Pass
		Edge_1RB_Left	14.75	/	/	16.15	/	/	<=30	Pass
		Edge_1RB_Right	14.67	/	/	16.07	/	/	<=30	Pass
		Outer_Full	14.61	/	/	16.01	/	/	<=30	Pass
	3754.98	Inner_Full	14.62	/	/	16.02	/	/	<=30	Pass
		Inner_1RB_Left	14.75	/	/	16.15	/	/	<=30	Pass
		Inner_1RB_Right	14.81	/	/	16.21	/	/	<=30	Pass
	3750	Edge_1RB_Left	14.81	/	/	16.21	/	/	<=30	Pass

		Edge_1RB_Right	14.52	/	/	15.92	/	/	<=30	Pass
		Outer_Full	14.55	/	/	15.95	/	/	<=30	Pass
		Inner_Full	14.63	/	/	16.03	/	/	<=30	Pass
		Inner_1RB_Left	14.84	/	/	16.24	/	/	<=30	Pass
		Inner_1RB_Right	14.65	/	/	16.05	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	14.92	/	/	16.32	/	/	<=30	Pass
		Edge_1RB_Right	14.40	/	/	15.80	/	/	<=30	Pass
		Outer_Full	14.66	/	/	16.06	/	/	<=30	Pass
		Inner_Full	14.63	/	/	16.03	/	/	<=30	Pass
		Inner_1RB_Left	14.96	/	/	16.36	/	/	<=30	Pass
		Inner_1RB_Right	14.49	/	/	15.89	/	/	<=30	Pass
	Note1: Antenna Gain: Ant1: 1.40dBi; Note2: EIRP=Conducted Power+Antenna Gain									

1.1.9 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 PI/2 BPSK	3750	Edge 1RB Left	20.38	/	/	21.78	/	/	<=30	Pass
		Edge 1RB Right	20.34	/	/	21.74	/	/	<=30	Pass
		Outer Full	20.39	/	/	21.79	/	/	<=30	Pass
		Inner Full	21.06	/	/	22.46	/	/	<=30	Pass
		Inner 1RB Left	20.83	/	/	22.23	/	/	<=30	Pass
	3750	Inner 1RB Right	20.84	/	/	22.24	/	/	<=30	Pass
		Edge 1RB Left	20.39	/	/	21.79	/	/	<=30	Pass
		Edge 1RB Right	20.37	/	/	21.77	/	/	<=30	Pass
		Outer Full	20.41	/	/	21.81	/	/	<=30	Pass
		Inner Full	21.04	/	/	22.44	/	/	<=30	Pass
	3750	Inner 1RB Left	20.91	/	/	22.31	/	/	<=30	Pass
		Inner 1RB Right	20.89	/	/	22.29	/	/	<=30	Pass
		Edge 1RB Left	20.36	/	/	21.76	/	/	<=30	Pass
		Edge 1RB Right	20.30	/	/	21.70	/	/	<=30	Pass
		Outer Full	20.39	/	/	21.79	/	/	<=30	Pass
		Inner Full	20.98	/	/	22.38	/	/	<=30	Pass
		Inner 1RB Left	20.90	/	/	22.30	/	/	<=30	Pass
		Inner 1RB Right	20.81	/	/	22.21	/	/	<=30	Pass
DFT-s-OFDM QPSK	3750	Edge 1RB Left	19.87	/	/	21.27	/	/	<=30	Pass
		Edge 1RB Right	19.82	/	/	21.22	/	/	<=30	Pass
		Outer Full	19.89	/	/	21.29	/	/	<=30	Pass
		Inner Full	21.00	/	/	22.40	/	/	<=30	Pass
		Inner 1RB Left	20.93	/	/	22.33	/	/	<=30	Pass
	3750	Inner 1RB Right	20.81	/	/	22.21	/	/	<=30	Pass
		Edge 1RB Left	19.79	/	/	21.19	/	/	<=30	Pass
		Edge 1RB Right	19.75	/	/	21.15	/	/	<=30	Pass
		Outer Full	19.90	/	/	21.30	/	/	<=30	Pass
		Inner Full	21.03	/	/	22.43	/	/	<=30	Pass
		Inner 1RB Left	20.87	/	/	22.27	/	/	<=30	Pass
		Inner 1RB Right	20.82	/	/	22.22	/	/	<=30	Pass
	3750	Edge 1RB Left	19.85	/	/	21.25	/	/	<=30	Pass
		Edge 1RB Right	19.74	/	/	21.14	/	/	<=30	Pass
		Outer Full	19.93	/	/	21.33	/	/	<=30	Pass
		Inner Full	21.02	/	/	22.42	/	/	<=30	Pass
		Inner 1RB Left	20.85	/	/	22.25	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Inner 1RB Right	20.86	/	/	22.26	/	/	<=30	Pass
		Edge 1RB Left	18.92	/	/	20.32	/	/	<=30	Pass
		Edge 1RB Right	18.83	/	/	20.23	/	/	<=30	Pass
		Outer Full	18.91	/	/	20.31	/	/	<=30	Pass

		Inner_Full	20.01	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Left	20.00	/	/	21.40	/	/	<=30	Pass
		Inner_1RB_Right	20.02	/	/	21.42	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.82	/	/	20.22	/	/	<=30	Pass
		Edge_1RB_Right	18.78	/	/	20.18	/	/	<=30	Pass
		Outer_Full	18.92	/	/	20.32	/	/	<=30	Pass
		Inner_Full	20.00	/	/	21.40	/	/	<=30	Pass
		Inner_1RB_Left	19.85	/	/	21.25	/	/	<=30	Pass
		Inner_1RB_Right	19.89	/	/	21.29	/	/	<=30	Pass
	3750	Edge_1RB_Left	18.88	/	/	20.28	/	/	<=30	Pass
		Edge_1RB_Right	18.82	/	/	20.22	/	/	<=30	Pass
		Outer_Full	18.87	/	/	20.27	/	/	<=30	Pass
		Inner_Full	19.97	/	/	21.37	/	/	<=30	Pass
		Inner_1RB_Left	19.90	/	/	21.30	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Inner_1RB_Right	19.86	/	/	21.26	/	/	<=30	Pass
		Edge_1RB_Left	18.46	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	18.34	/	/	19.74	/	/	<=30	Pass
		Outer_Full	18.43	/	/	19.83	/	/	<=30	Pass
		Inner_Full	18.51	/	/	19.91	/	/	<=30	Pass
		Inner_1RB_Left	18.38	/	/	19.78	/	/	<=30	Pass
	3750	Inner_1RB_Right	18.35	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Left	18.26	/	/	19.66	/	/	<=30	Pass
		Edge_1RB_Right	18.22	/	/	19.62	/	/	<=30	Pass
		Outer_Full	18.43	/	/	19.83	/	/	<=30	Pass
		Inner_Full	18.47	/	/	19.87	/	/	<=30	Pass
		Inner_1RB_Left	18.28	/	/	19.68	/	/	<=30	Pass
	3750	Inner_1RB_Right	18.30	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Left	18.33	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Right	18.30	/	/	19.70	/	/	<=30	Pass
		Outer_Full	18.45	/	/	19.85	/	/	<=30	Pass
		Inner_Full	18.42	/	/	19.82	/	/	<=30	Pass
		Inner_1RB_Left	18.28	/	/	19.68	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Inner_1RB_Right	18.26	/	/	19.66	/	/	<=30	Pass
		Edge_1RB_Left	16.48	/	/	17.88	/	/	<=30	Pass
		Edge_1RB_Right	16.34	/	/	17.74	/	/	<=30	Pass
		Outer_Full	16.41	/	/	17.81	/	/	<=30	Pass
		Inner_Full	16.46	/	/	17.86	/	/	<=30	Pass
		Inner_1RB_Left	16.24	/	/	17.64	/	/	<=30	Pass
	3750	Inner_1RB_Right	16.36	/	/	17.76	/	/	<=30	Pass
		Edge_1RB_Left	16.40	/	/	17.80	/	/	<=30	Pass
		Edge_1RB_Right	16.33	/	/	17.73	/	/	<=30	Pass
		Outer_Full	16.36	/	/	17.76	/	/	<=30	Pass
		Inner_Full	16.46	/	/	17.86	/	/	<=30	Pass
		Inner_1RB_Left	16.40	/	/	17.80	/	/	<=30	Pass
	3750	Inner_1RB_Right	16.38	/	/	17.78	/	/	<=30	Pass
		Edge_1RB_Left	16.42	/	/	17.82	/	/	<=30	Pass
		Edge_1RB_Right	16.36	/	/	17.76	/	/	<=30	Pass
		Outer_Full	16.45	/	/	17.85	/	/	<=30	Pass
		Inner_Full	16.47	/	/	17.87	/	/	<=30	Pass
		Inner_1RB_Left	16.46	/	/	17.86	/	/	<=30	Pass
CP-OFDM QPSK	3750	Inner_1RB_Right	16.30	/	/	17.70	/	/	<=30	Pass
		Edge_1RB_Left	17.83	/	/	19.23	/	/	<=30	Pass
		Edge_1RB_Right	17.78	/	/	19.18	/	/	<=30	Pass
		Outer_Full	17.88	/	/	19.28	/	/	<=30	Pass
		Inner_Full	19.52	/	/	20.92	/	/	<=30	Pass
		Inner_1RB_Left	19.27	/	/	20.67	/	/	<=30	Pass
	3750	Inner_1RB_Right	19.34	/	/	20.74	/	/	<=30	Pass
		Edge_1RB_Left	17.91	/	/	19.31	/	/	<=30	Pass
		Edge_1RB_Right	17.78	/	/	19.18	/	/	<=30	Pass

		Outer_Full	17.91	/	/	19.31	/	/	<=30	Pass
		Inner_Full	19.51	/	/	20.91	/	/	<=30	Pass
		Inner_1RB_Left	19.30	/	/	20.70	/	/	<=30	Pass
		Inner_1RB_Right	19.36	/	/	20.76	/	/	<=30	Pass
	3750	Edge_1RB_Left	17.95	/	/	19.35	/	/	<=30	Pass
		Edge_1RB_Right	17.78	/	/	19.18	/	/	<=30	Pass
		Outer_Full	17.90	/	/	19.30	/	/	<=30	Pass
		Inner_Full	19.51	/	/	20.91	/	/	<=30	Pass
		Inner_1RB_Left	19.43	/	/	20.83	/	/	<=30	Pass
		Inner_1RB_Right	19.42	/	/	20.82	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Edge_1RB_Left	17.91	/	/	19.31	/	/	<=30	Pass
		Edge_1RB_Right	17.76	/	/	19.16	/	/	<=30	Pass
		Outer_Full	17.89	/	/	19.29	/	/	<=30	Pass
		Inner_Full	18.99	/	/	20.39	/	/	<=30	Pass
		Inner_1RB_Left	18.78	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Right	18.81	/	/	20.21	/	/	<=30	Pass
	3750	Edge_1RB_Left	17.88	/	/	19.28	/	/	<=30	Pass
		Edge_1RB_Right	17.84	/	/	19.24	/	/	<=30	Pass
		Outer_Full	17.88	/	/	19.28	/	/	<=30	Pass
		Inner_Full	19.00	/	/	20.40	/	/	<=30	Pass
		Inner_1RB_Left	18.87	/	/	20.27	/	/	<=30	Pass
		Inner_1RB_Right	18.84	/	/	20.24	/	/	<=30	Pass
	3750	Edge_1RB_Left	17.89	/	/	19.29	/	/	<=30	Pass
		Edge_1RB_Right	17.76	/	/	19.16	/	/	<=30	Pass
		Outer_Full	17.87	/	/	19.27	/	/	<=30	Pass
		Inner_Full	18.98	/	/	20.38	/	/	<=30	Pass
		Inner_1RB_Left	18.82	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Right	18.91	/	/	20.31	/	/	<=30	Pass
CP-OFDM 64 QAM	3750	Edge_1RB_Left	17.49	/	/	18.89	/	/	<=30	Pass
		Edge_1RB_Right	17.36	/	/	18.76	/	/	<=30	Pass
		Outer_Full	17.42	/	/	18.82	/	/	<=30	Pass
		Inner_Full	17.44	/	/	18.84	/	/	<=30	Pass
		Inner_1RB_Left	17.46	/	/	18.86	/	/	<=30	Pass
		Inner_1RB_Right	17.49	/	/	18.89	/	/	<=30	Pass
	3750	Edge_1RB_Left	17.47	/	/	18.87	/	/	<=30	Pass
		Edge_1RB_Right	17.40	/	/	18.80	/	/	<=30	Pass
		Outer_Full	17.43	/	/	18.83	/	/	<=30	Pass
		Inner_Full	17.46	/	/	18.86	/	/	<=30	Pass
		Inner_1RB_Left	17.47	/	/	18.87	/	/	<=30	Pass
		Inner_1RB_Right	17.45	/	/	18.85	/	/	<=30	Pass
	3750	Edge_1RB_Left	17.47	/	/	18.87	/	/	<=30	Pass
		Edge_1RB_Right	17.39	/	/	18.79	/	/	<=30	Pass
		Outer_Full	17.41	/	/	18.81	/	/	<=30	Pass
		Inner_Full	17.44	/	/	18.84	/	/	<=30	Pass
		Inner_1RB_Left	17.47	/	/	18.87	/	/	<=30	Pass
		Inner_1RB_Right	17.46	/	/	18.86	/	/	<=30	Pass
CP-OFDM 256 QAM	3750	Edge_1RB_Left	14.90	/	/	16.30	/	/	<=30	Pass
		Edge_1RB_Right	14.52	/	/	15.92	/	/	<=30	Pass
		Outer_Full	14.62	/	/	16.02	/	/	<=30	Pass
		Inner_Full	14.69	/	/	16.09	/	/	<=30	Pass
		Inner_1RB_Left	14.81	/	/	16.21	/	/	<=30	Pass
		Inner_1RB_Right	14.62	/	/	16.02	/	/	<=30	Pass
	3750	Edge_1RB_Left	14.80	/	/	16.20	/	/	<=30	Pass
		Edge_1RB_Right	14.48	/	/	15.88	/	/	<=30	Pass
		Outer_Full	14.66	/	/	16.06	/	/	<=30	Pass
		Inner_Full	14.71	/	/	16.11	/	/	<=30	Pass
		Inner_1RB_Left	14.83	/	/	16.23	/	/	<=30	Pass
		Inner_1RB_Right	14.57	/	/	15.97	/	/	<=30	Pass
	3750	Edge_1RB_Left	14.80	/	/	16.20	/	/	<=30	Pass

		Edge 1RB Right	14.51	/	/	15.91	/	/	<=30	Pass
		Outer_Full	14.68	/	/	16.08	/	/	<=30	Pass
		Inner_Full	14.68	/	/	16.08	/	/	<=30	Pass
		Inner 1RB Left	14.77	/	/	16.17	/	/	<=30	Pass
		Inner 1RB Right	14.58	/	/	15.98	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30k_SISO_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 PI/2 BPSK	3750	Outer_Full	20	LV	-8.40	-0.0022	>=-2.5 & <=2.5	Pass
				HV	7.50	0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-10.30	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	0.40	0.0001	>=-2.5 & <=2.5	Pass
			-10	NV	-3.60	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	7.30	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-16.90	-0.0045	>=-2.5 & <=2.5	Pass
			20	NV	-1.30	-0.0003	>=-2.5 & <=2.5	Pass
			30	NV	-3.00	-0.0008	>=-2.5 & <=2.5	Pass
			40	NV	-2.20	-0.0006	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
				HV	4.60	0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-12.60	-0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	-10.90	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-3.30	-0.0009	>=-2.5 & <=2.5	Pass
			0	NV	-3.80	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-13.80	-0.0037	>=-2.5 & <=2.5	Pass
			20	NV	-11.40	-0.0030	>=-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
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-4.90	-0.0013	>=-2.5 & <=2.5	Pass
				HV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	-12.50	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-17.60	-0.0047	>=-2.5 & <=2.5	Pass
			-10	NV	5.60	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	1.50	0.0004	>=-2.5 & <=2.5	Pass
			10	NV	-11.60	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-15.40	-0.0041	>=-2.5 & <=2.5	Pass
			30	NV	12.20	0.0033	>=-2.5 & <=2.5	Pass
			40	NV	14.80	0.0039	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-4.30	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-6.80	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	12.80	0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	-9.00	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-9.20	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	3.30	0.0009	>=-2.5 & <=2.5	Pass

			10	NV	-4.70	-0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-8.90	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-7.70	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-2.50	-0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-7.30	-0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-20.30	-0.0054	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	10.20	0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	4.80	0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	8.30	0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-8.10	-0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-16.70	-0.0045	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-5.80	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	8.70	0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-12.00	-0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-8.60	-0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-13.50	-0.0036	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-10.80	-0.0029	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-13.90	-0.0037	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-2.40	-0.0006	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-5.50	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-4.10	-0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-12.20	-0.0033	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	7.10	0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-4.60	-0.0012	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	9.50	0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-16.40	-0.0044	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-11.30	-0.0030	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-11.00	-0.0029	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-10.60	-0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-24.40	-0.0065	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-7.20	-0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-19.30	-0.0051	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-6.50	-0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	8.80	0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-11.10	-0.0030	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-17.80	-0.0047	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-5.70	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-8.00	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	2.80	0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-15.70	-0.0042	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-9.50	-0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-5.90	-0.0016	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	10.70	0.0029	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-7.20	-0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	5.00	0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-18.10	-0.0048	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	7.30	0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-5.00	-0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-13.80	-0.0037	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-8.20	-0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-13.50	-0.0036	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-13.20	-0.0035	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-18.30	-0.0049	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	6.00	0.0016	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-6.90	-0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-4.60	-0.0012	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-9.10	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-8.80	-0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	3.90	0.0010	$\geq -2.5 \text{ \& } \leq 2.5$	Pass

			50	NV	-13.70	-0.0037	>=-2.5 & <=2.5	Pass
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2.1.2 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 PI/2 BPSK	3750	Outer_Full	20	LV	-11.20	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-7.00	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	6.60	0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-7.60	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-7.20	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-13.10	-0.0035	>=-2.5 & <=2.5	Pass
			20	NV	-6.40	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-7.40	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	3.40	0.0009	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	1.40	0.0004	>=-2.5 & <=2.5	Pass
				HV	-5.00	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-4.30	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	10.30	0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	7.50	0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-9.60	-0.0026	>=-2.5 & <=2.5	Pass
			10	NV	8.40	0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-9.90	-0.0026	>=-2.5 & <=2.5	Pass
			30	NV	-3.50	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-7.30	-0.0019	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-15.60	-0.0042	>=-2.5 & <=2.5	Pass
				HV	-9.90	-0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	-10.40	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	6.70	0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	13.40	0.0036	>=-2.5 & <=2.5	Pass
			0	NV	-6.80	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-3.80	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-2.50	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-11.50	-0.0031	>=-2.5 & <=2.5	Pass
			40	NV	-5.40	-0.0014	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-1.30	-0.0003	>=-2.5 & <=2.5	Pass
				HV	-8.20	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	4.70	0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-6.20	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-13.90	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	7.40	0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-4.60	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-11.60	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	5.50	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	1.60	0.0004	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-5.20	-0.0014	>=-2.5 & <=2.5	Pass
				HV	-6.40	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-4.10	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-2.20	-0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	6.00	0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-12.70	-0.0034	>=-2.5 & <=2.5	Pass

			10	NV	-6.10	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	4.10	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	5.10	0.0014	>=-2.5 & <=2.5	Pass
			40	NV	8.10	0.0022	>=-2.5 & <=2.5	Pass
			50	NV	10.30	0.0027	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	7.60	0.0020	>=-2.5 & <=2.5	Pass
				HV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-11.80	-0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	-8.40	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	9.60	0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-11.70	-0.0031	>=-2.5 & <=2.5	Pass
			10	NV	3.80	0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-8.80	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	2.10	0.0006	>=-2.5 & <=2.5	Pass
			40	NV	-14.50	-0.0039	>=-2.5 & <=2.5	Pass
			50	NV	6.40	0.0017	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-5.90	-0.0016	>=-2.5 & <=2.5	Pass
				HV	4.00	0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-9.70	-0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	-7.90	-0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	10.70	0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-15.30	-0.0041	>=-2.5 & <=2.5	Pass
			10	NV	5.30	0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-2.40	-0.0006	>=-2.5 & <=2.5	Pass
			30	NV	1.00	0.0003	>=-2.5 & <=2.5	Pass
			40	NV	-3.40	-0.0009	>=-2.5 & <=2.5	Pass
			50	NV	-9.30	-0.0025	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	-2.00	-0.0005	>=-2.5 & <=2.5	Pass
				HV	-6.00	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	5.40	0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-5.00	-0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-7.10	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	7.00	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	8.00	0.0021	>=-2.5 & <=2.5	Pass
			20	NV	5.80	0.0015	>=-2.5 & <=2.5	Pass
			30	NV	10.30	0.0027	>=-2.5 & <=2.5	Pass
			40	NV	-13.30	-0.0035	>=-2.5 & <=2.5	Pass
			50	NV	9.40	0.0025	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-1.30	-0.0003	>=-2.5 & <=2.5	Pass
				HV	-1.70	-0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	-6.70	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	4.70	0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-7.00	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	4.80	0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-7.70	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	7.70	0.0021	>=-2.5 & <=2.5	Pass
			30	NV	-14.40	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	2.70	0.0007	>=-2.5 & <=2.5	Pass
			50	NV	12.40	0.0033	>=-2.5 & <=2.5	Pass

2.1.3 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 PI/2 BPSK	3750	Outer_Full	20	LV	-11.40	-0.0030	>=-2.5 & <=2.5	Pass
				HV	1.30	0.0003	>=-2.5 & <=2.5	Pass

			-30	NV	4.80	0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-9.20	-0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-13.10	-0.0035	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-16.00	-0.0043	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-10.80	-0.0029	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	4.20	0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-11.50	-0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-8.30	-0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-11.10	-0.0030	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	-4.60	-0.0012	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	9.90	0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-9.70	-0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-6.40	-0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	3.00	0.0008	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	1.90	0.0005	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-9.40	-0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-11.80	-0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-12.10	-0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-11.20	-0.0030	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-2.10	-0.0006	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-4.70	-0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-1.30	-0.0003	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-3.10	-0.0008	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-2.30	-0.0006	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-4.70	-0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	3.50	0.0009	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	3.60	0.0010	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	10.60	0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-3.80	-0.0010	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-12.60	-0.0034	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	2.40	0.0006	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-14.90	-0.0040	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	8.60	0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	4.30	0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	15.10	0.0040	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-12.50	-0.0033	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-10.60	-0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-6.90	-0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	4.20	0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-9.90	-0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-6.40	-0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-5.70	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-3.80	-0.0010	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	3.60	0.0010	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-20.30	-0.0054	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-7.50	-0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-14.60	-0.0039	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-15.80	-0.0042	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-0.50	-0.0001	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-10.90	-0.0029	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-8.30	-0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass

			10	NV	-12.00	-0.0032	>=-2.5 & <=2.5	Pass
			20	NV	-7.80	-0.0021	>=-2.5 & <=2.5	Pass
			30	NV	7.30	0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-13.30	-0.0035	>=-2.5 & <=2.5	Pass
			50	NV	-6.00	-0.0016	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-8.60	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-3.00	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-7.90	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-3.40	-0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	-15.50	-0.0041	>=-2.5 & <=2.5	Pass
			0	NV	1.30	0.0003	>=-2.5 & <=2.5	Pass
			10	NV	-6.90	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	4.50	0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-3.00	-0.0008	>=-2.5 & <=2.5	Pass
			40	NV	-12.80	-0.0034	>=-2.5 & <=2.5	Pass
			50	NV	-0.70	-0.0002	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	-7.00	-0.0019	>=-2.5 & <=2.5	Pass
				HV	-17.60	-0.0047	>=-2.5 & <=2.5	Pass
			-30	NV	-13.10	-0.0035	>=-2.5 & <=2.5	Pass
			-20	NV	-10.60	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-10.30	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-10.40	-0.0028	>=-2.5 & <=2.5	Pass
			10	NV	-5.70	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-3.10	-0.0008	>=-2.5 & <=2.5	Pass
			30	NV	-5.30	-0.0014	>=-2.5 & <=2.5	Pass
			40	NV	-8.20	-0.0022	>=-2.5 & <=2.5	Pass
			50	NV	-21.50	-0.0057	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-16.80	-0.0045	>=-2.5 & <=2.5	Pass
				HV	6.70	0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-24.80	-0.0066	>=-2.5 & <=2.5	Pass
			-20	NV	0.90	0.0002	>=-2.5 & <=2.5	Pass
			-10	NV	-7.60	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-8.70	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-4.50	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-4.40	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-5.00	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-14.30	-0.0038	>=-2.5 & <=2.5	Pass
			50	NV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass

2.1.4 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 PI/2 BPSK	3750	Outer_Full	20	LV	-17.20	-0.0046	>=-2.5 & <=2.5	Pass
				HV	-6.30	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	3.10	0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	6.60	0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-3.80	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-4.60	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-8.80	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-13.90	-0.0037	>=-2.5 & <=2.5	Pass
			30	NV	-10.10	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	-10.80	-0.0029	>=-2.5 & <=2.5	Pass
			50	NV	-5.40	-0.0014	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	7.60	0.0020	>=-2.5 & <=2.5	Pass
				HV	13.50	0.0036	>=-2.5 & <=2.5	Pass

			-30	NV	-11.80	-0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	11.90	0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-13.40	-0.0036	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-6.90	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-3.10	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	5.70	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-13.80	-0.0037	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-2.80	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-10.90	-0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-13.80	-0.0037	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	14.60	0.0039	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-5.60	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-9.20	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-10.70	-0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-6.50	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	4.60	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	3.80	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	6.00	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-14.80	-0.0039	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-2.90	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-9.10	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-17.20	-0.0046	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-7.40	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-4.80	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-8.90	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-21.00	-0.0056	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-2.80	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	10.80	0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-6.60	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	2.20	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-6.50	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-13.00	-0.0035	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-13.40	-0.0036	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-4.40	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-13.70	-0.0037	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-15.80	-0.0042	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-16.80	-0.0045	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-6.50	-0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-7.20	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-5.00	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-17.30	-0.0046	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	5.70	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-13.70	-0.0037	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-4.60	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-13.60	-0.0036	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-15.90	-0.0042	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-4.10	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-16.40	-0.0044	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-7.80	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-9.30	-0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	5.30	0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			10	NV	-5.70	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-5.70	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	10.40	0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-9.40	-0.0025	>=-2.5 & <=2.5	Pass
			50	NV	8.90	0.0024	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	-5.50	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-8.10	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	1.50	0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	-7.10	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-6.10	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-4.80	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-1.10	-0.0003	>=-2.5 & <=2.5	Pass
			20	NV	-3.00	-0.0008	>=-2.5 & <=2.5	Pass
			30	NV	-1.90	-0.0005	>=-2.5 & <=2.5	Pass
			40	NV	8.50	0.0023	>=-2.5 & <=2.5	Pass
			50	NV	-3.10	-0.0008	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-14.60	-0.0039	>=-2.5 & <=2.5	Pass
				HV	-8.60	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-7.80	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-4.90	-0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-13.90	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-4.20	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-5.50	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-20.00	-0.0053	>=-2.5 & <=2.5	Pass
			30	NV	-13.30	-0.0035	>=-2.5 & <=2.5	Pass
			40	NV	8.50	0.0023	>=-2.5 & <=2.5	Pass
			50	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass

2.1.5 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 PI/2 BPSK	3750	Outer_Full	20	LV	5.00	0.0013	>=-2.5 & <=2.5	Pass
				HV	4.90	0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-7.30	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-14.30	-0.0038	>=-2.5 & <=2.5	Pass
			-10	NV	9.90	0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-10.40	-0.0028	>=-2.5 & <=2.5	Pass
			10	NV	-18.20	-0.0049	>=-2.5 & <=2.5	Pass
			20	NV	2.10	0.0006	>=-2.5 & <=2.5	Pass
			30	NV	-3.60	-0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-24.20	-0.0065	>=-2.5 & <=2.5	Pass
			50	NV	-16.40	-0.0044	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	5.00	0.0013	>=-2.5 & <=2.5	Pass
				HV	-11.30	-0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	9.00	0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	4.70	0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			0	NV	2.90	0.0008	>=-2.5 & <=2.5	Pass
			10	NV	-2.40	-0.0006	>=-2.5 & <=2.5	Pass
			20	NV	5.40	0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-11.20	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-2.50	-0.0007	>=-2.5 & <=2.5	Pass
			50	NV	2.20	0.0006	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	6.00	0.0016	>=-2.5 & <=2.5	Pass
				HV	-10.90	-0.0029	>=-2.5 & <=2.5	Pass

			-30	NV	-10.00	-0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-9.50	-0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	4.90	0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-6.60	-0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	8.10	0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-19.10	-0.0051	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-11.20	-0.0030	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-8.90	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	2.60	0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-6.90	-0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-7.40	-0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	14.70	0.0039	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-4.50	-0.0012	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-1.40	-0.0004	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-13.90	-0.0037	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-9.10	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	10.10	0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	8.50	0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-1.20	-0.0003	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	2.30	0.0006	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	1.70	0.0005	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-1.80	-0.0005	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-6.90	-0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	17.60	0.0047	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-5.50	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	1.70	0.0005	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	4.90	0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-2.50	-0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-7.80	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-13.90	-0.0037	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-2.50	-0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-18.10	-0.0048	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-8.30	-0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	7.80	0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	5.30	0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-1.70	-0.0005	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	13.40	0.0036	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-4.30	-0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	8.50	0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-8.70	-0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-9.00	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	8.90	0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-11.70	-0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-4.80	-0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	11.00	0.0029	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	-6.70	-0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-14.80	-0.0039	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	3.80	0.0010	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-5.80	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	1.80	0.0005	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	2.60	0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass

			10	NV	-11.10	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	4.30	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	3.10	0.0008	>=-2.5 & <=2.5	Pass
			40	NV	-13.50	-0.0036	>=-2.5 & <=2.5	Pass
			50	NV	-9.10	-0.0024	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-13.90	-0.0037	>=-2.5 & <=2.5	Pass
				HV	-11.60	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	8.60	0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-8.30	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	2.10	0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-12.40	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	-15.30	-0.0041	>=-2.5 & <=2.5	Pass
			20	NV	-1.70	-0.0005	>=-2.5 & <=2.5	Pass
			30	NV	1.00	0.0003	>=-2.5 & <=2.5	Pass
			40	NV	-3.80	-0.0010	>=-2.5 & <=2.5	Pass
			50	NV	-4.30	-0.0011	>=-2.5 & <=2.5	Pass

2.1.6 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 PI/2 BPSK	3750	Outer_Full	20	LV	-5.90	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-5.20	-0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	-5.50	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-6.50	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-12.40	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-12.30	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	11.10	0.0030	>=-2.5 & <=2.5	Pass
			20	NV	-6.40	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	6.70	0.0018	>=-2.5 & <=2.5	Pass
			40	NV	7.90	0.0021	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	3.40	0.0009	>=-2.5 & <=2.5	Pass
				HV	7.50	0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-2.00	-0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	-15.30	-0.0041	>=-2.5 & <=2.5	Pass
			-10	NV	-4.40	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-9.50	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-2.30	-0.0006	>=-2.5 & <=2.5	Pass
			20	NV	-3.40	-0.0009	>=-2.5 & <=2.5	Pass
			30	NV	-12.50	-0.0033	>=-2.5 & <=2.5	Pass
			40	NV	7.20	0.0019	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	4.70	0.0013	>=-2.5 & <=2.5	Pass
				HV	-3.00	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	10.50	0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-8.20	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-13.60	-0.0036	>=-2.5 & <=2.5	Pass
			0	NV	-9.40	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-8.70	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	2.30	0.0006	>=-2.5 & <=2.5	Pass
			30	NV	-1.50	-0.0004	>=-2.5 & <=2.5	Pass
			40	NV	-11.50	-0.0031	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-20.40	-0.0054	>=-2.5 & <=2.5	Pass
				HV	2.60	0.0007	>=-2.5 & <=2.5	Pass

			-30	NV	-5.20	-0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-5.20	-0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	2.50	0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-8.20	-0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	13.40	0.0036	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-14.40	-0.0038	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	3.30	0.0009	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	8.70	0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	1.20	0.0003	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-5.30	-0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-10.30	-0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	5.70	0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	7.50	0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-5.60	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	5.70	0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-11.80	-0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	2.40	0.0006	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-3.40	-0.0009	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-5.30	-0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-9.70	-0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-3.20	-0.0009	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-9.90	-0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-6.50	-0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-8.70	-0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	1.80	0.0005	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	3.20	0.0009	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-5.70	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-12.50	-0.0033	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-7.00	-0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	12.50	0.0033	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	9.50	0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-13.90	-0.0037	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-9.80	-0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	4.70	0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-7.60	-0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-9.70	-0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	5.20	0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	2.50	0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-9.10	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	2.40	0.0006	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	15.70	0.0042	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-8.70	-0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	10.10	0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-11.00	-0.0029	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	8.90	0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	2.50	0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	3.30	0.0009	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-2.10	-0.0006	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	1.90	0.0005	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	3.50	0.0009	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	9.80	0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass

			10	NV	-9.20	-0.0025	>=-2.5 & <=2.5	Pass
			20	NV	1.50	0.0004	>=-2.5 & <=2.5	Pass
			30	NV	8.90	0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-3.40	-0.0009	>=-2.5 & <=2.5	Pass

2.1.7 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 PI/2 BPSK	3750	Outer_Full	20	LV	-10.40	-0.0028	>=-2.5 & <=2.5	Pass
				HV	-7.50	-0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	8.40	0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-9.70	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-7.50	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	8.40	0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-4.90	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	7.30	0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	5.80	0.0015	>=-2.5 & <=2.5	Pass
			50	NV	-11.80	-0.0031	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	-9.60	-0.0026	>=-2.5 & <=2.5	Pass
				HV	-13.30	-0.0035	>=-2.5 & <=2.5	Pass
			-30	NV	-1.90	-0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	-6.10	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-10.10	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-12.60	-0.0034	>=-2.5 & <=2.5	Pass
			10	NV	7.40	0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	6.60	0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-5.80	-0.0015	>=-2.5 & <=2.5	Pass
			50	NV	7.70	0.0021	>=-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	3.00	0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-9.80	-0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	4.20	0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-9.30	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	-4.80	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	4.40	0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-4.40	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-8.10	-0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-9.90	-0.0026	>=-2.5 & <=2.5	Pass
			50	NV	-3.80	-0.0010	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-3.00	-0.0008	>=-2.5 & <=2.5	Pass
				HV	-3.00	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	11.90	0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	3.70	0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-5.80	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-5.20	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	-9.90	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-8.20	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	10.00	0.0027	>=-2.5 & <=2.5	Pass
			40	NV	-7.10	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	2.20	0.0006	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	3.50	0.0009	>=-2.5 & <=2.5	Pass
				HV	-5.30	-0.0014	>=-2.5 & <=2.5	Pass

			-30	NV	0.40	0.0001	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.70	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-8.30	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-16.20	-0.0043	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.40	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.90	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			40	NV	4.60	0.0012	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-11.90	-0.0032	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-12.80	-0.0034	≥ -2.5 & ≤ 2.5	Pass
				HV	-10.80	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.00	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.80	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.30	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-12.50	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			10	NV	3.50	0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.50	0.0007	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-9.20	-0.0025	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-14.50	-0.0039	≥ -2.5 & ≤ 2.5	Pass
				HV	1.30	0.0003	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-9.70	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	1.80	0.0005	≥ -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	-16.30	-0.0043	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-0.80	-0.0002	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.70	-0.0007	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	-6.00	-0.0016	≥ -2.5 & ≤ 2.5	Pass
				HV	-9.20	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-14.70	-0.0039	≥ -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	-14.70	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.80	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.90	-0.0016	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-14.40	-0.0038	≥ -2.5 & ≤ 2.5	Pass
				HV	-10.60	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.00	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	4.40	0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	0.60	0.0002	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-16.30	-0.0043	≥ -2.5 & ≤ 2.5	Pass
			10	NV	4.70	0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-17.80	-0.0047	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-11.00	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.40	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass

2.1.8 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 PI/2 BPSK	3750	Outer_Full	20	LV	1.40	0.0004	>=-2.5 & <=2.5	Pass
				HV	6.30	0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-3.10	-0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	-5.90	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	6.30	0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-2.00	-0.0005	>=-2.5 & <=2.5	Pass
			10	NV	-13.20	-0.0035	>=-2.5 & <=2.5	Pass
			20	NV	15.10	0.0040	>=-2.5 & <=2.5	Pass
			30	NV	7.40	0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-9.30	-0.0025	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	-5.80	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-7.30	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-4.20	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	6.10	0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-2.50	-0.0007	>=-2.5 & <=2.5	Pass
			0	NV	-4.10	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-7.60	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-4.00	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	7.10	0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-4.50	-0.0012	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
				HV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-4.50	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	9.60	0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-9.80	-0.0026	>=-2.5 & <=2.5	Pass
			10	NV	-10.00	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-12.70	-0.0034	>=-2.5 & <=2.5	Pass
			30	NV	-3.30	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-5.30	-0.0014	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-6.70	-0.0018	>=-2.5 & <=2.5	Pass
				HV	7.30	0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	4.30	0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-9.10	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-14.00	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-2.40	-0.0006	>=-2.5 & <=2.5	Pass
			10	NV	-26.00	-0.0069	>=-2.5 & <=2.5	Pass
			20	NV	-15.50	-0.0041	>=-2.5 & <=2.5	Pass
			30	NV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	4.60	0.0012	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-9.60	-0.0026	>=-2.5 & <=2.5	Pass
				HV	-8.10	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	7.80	0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	1.60	0.0004	>=-2.5 & <=2.5	Pass
			-10	NV	-6.50	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-3.90	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	10.20	0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-7.50	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-1.10	-0.0003	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	NV	2.40	0.0006	>=-2.5 & <=2.5	Pass
				LV	5.10	0.0014	>=-2.5 & <=2.5	Pass
				HV	3.60	0.0010	>=-2.5 & <=2.5	Pass

			-30	NV	-8.20	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-7.50	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-8.50	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-5.10	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	1.10	0.0003	>=-2.5 & <=2.5	Pass
			20	NV	-11.10	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-4.00	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-11.10	-0.0030	>=-2.5 & <=2.5	Pass
			50	NV	-18.20	-0.0049	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	12.40	0.0033	>=-2.5 & <=2.5	Pass
				HV	10.90	0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	4.30	0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-17.80	-0.0047	>=-2.5 & <=2.5	Pass
			-10	NV	-4.80	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-12.10	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-13.70	-0.0037	>=-2.5 & <=2.5	Pass
			20	NV	-0.50	-0.0001	>=-2.5 & <=2.5	Pass
			30	NV	-5.80	-0.0015	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	8.30	0.0022	>=-2.5 & <=2.5	Pass
				HV	-8.50	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	3.80	0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-13.40	-0.0036	>=-2.5 & <=2.5	Pass
			0	NV	11.20	0.0030	>=-2.5 & <=2.5	Pass
			10	NV	-6.30	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	5.90	0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-7.50	-0.0020	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-10.20	-0.0027	>=-2.5 & <=2.5	Pass
				HV	-13.00	-0.0035	>=-2.5 & <=2.5	Pass
			-30	NV	-6.10	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-2.40	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-5.30	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	-15.40	-0.0041	>=-2.5 & <=2.5	Pass
			20	NV	4.20	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-5.40	-0.0014	>=-2.5 & <=2.5	Pass
			40	NV	-5.30	-0.0014	>=-2.5 & <=2.5	Pass
			50	NV	-11.90	-0.0032	>=-2.5 & <=2.5	Pass

2.1.9 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 PI/2 BPSK	3750	Outer_Full	20	LV	5.00	0.0013	>=-2.5 & <=2.5	Pass
				HV	-5.40	-0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	-12.10	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	5.40	0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	6.60	0.0018	>=-2.5 & <=2.5	Pass
			0	NV	9.20	0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-8.10	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	7.80	0.0021	>=-2.5 & <=2.5	Pass
			30	NV	12.10	0.0032	>=-2.5 & <=2.5	Pass

			40	NV	6.20	0.0017	>=-2.5 & <=2.5	Pass
			50	NV	8.80	0.0023	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	-12.10	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-5.90	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	1.40	0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	-2.40	-0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	-11.40	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-14.80	-0.0039	>=-2.5 & <=2.5	Pass
			10	NV	10.70	0.0029	>=-2.5 & <=2.5	Pass
			20	NV	8.60	0.0023	>=-2.5 & <=2.5	Pass
			30	NV	2.80	0.0007	>=-2.5 & <=2.5	Pass
			40	NV	1.90	0.0005	>=-2.5 & <=2.5	Pass
			50	NV	-1.20	-0.0003	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-14.50	-0.0039	>=-2.5 & <=2.5	Pass
				HV	-0.90	-0.0002	>=-2.5 & <=2.5	Pass
			-30	NV	8.40	0.0022	>=-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	-1.60	-0.0004	>=-2.5 & <=2.5	Pass
			10	NV	-5.00	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	4.10	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	9.00	0.0024	>=-2.5 & <=2.5	Pass
			40	NV	8.50	0.0023	>=-2.5 & <=2.5	Pass
			50	NV	-5.40	-0.0014	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-1.70	-0.0005	>=-2.5 & <=2.5	Pass
				HV	2.50	0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	-1.20	-0.0003	>=-2.5 & <=2.5	Pass
			-20	NV	1.90	0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-6.20	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	4.60	0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-8.60	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	10.50	0.0028	>=-2.5 & <=2.5	Pass
			30	NV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-5.00	-0.0013	>=-2.5 & <=2.5	Pass
			50	NV	-8.40	-0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	6.20	0.0017	>=-2.5 & <=2.5	Pass
				HV	4.10	0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-6.30	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-7.60	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-7.10	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			10	NV	10.70	0.0029	>=-2.5 & <=2.5	Pass
			20	NV	2.00	0.0005	>=-2.5 & <=2.5	Pass
			30	NV	1.10	0.0003	>=-2.5 & <=2.5	Pass
			40	NV	-9.70	-0.0026	>=-2.5 & <=2.5	Pass
			50	NV	-14.00	-0.0037	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	2.30	0.0006	>=-2.5 & <=2.5	Pass
				HV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-7.20	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-4.10	-0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	2.00	0.0005	>=-2.5 & <=2.5	Pass
			0	NV	-9.50	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	7.70	0.0021	>=-2.5 & <=2.5	Pass
			20	NV	-6.30	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-1.10	-0.0003	>=-2.5 & <=2.5	Pass
			40	NV	3.80	0.0010	>=-2.5 & <=2.5	Pass
			50	NV	-10.40	-0.0028	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-8.80	-0.0023	>=-2.5 & <=2.5	Pass
				HV	14.60	0.0039	>=-2.5 & <=2.5	Pass

			-30	NV	11.20	0.0030	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	12.20	0.0033	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.30	-0.0003	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-14.30	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			10	NV	3.30	0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-1.60	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			30	NV	1.60	0.0004	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.00	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.30	-0.0011	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	9.50	0.0025	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.80	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	7.10	0.0019	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-10.50	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	7.90	0.0021	≥ -2.5 & ≤ 2.5	Pass
			0	NV	6.80	0.0018	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.40	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.80	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			30	NV	5.20	0.0014	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-11.10	-0.0030	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.00	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.70	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.20	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	11.30	0.0030	≥ -2.5 & ≤ 2.5	Pass
			0	NV	1.70	0.0005	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.70	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			30	NV	6.30	0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.90	0.0016	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-2.70	-0.0007	≥ -2.5 & ≤ 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30k_SISO_20MHz_NTNV

5G NR n78a SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3710.01	Outer_Full	18.14	19.39	/	Pass
	3750	Outer_Full	18.03	19.39	/	Pass
	3789.99	Outer_Full	18.08	19.42	/	Pass
DFT-s-OFDM QPSK	3710.01	Outer_Full	17.98	19.30	/	Pass
	3750	Outer_Full	18.07	19.66	/	Pass
	3789.99	Outer_Full	18.06	19.72	/	Pass
DFT-s-OFDM 16 QAM	3710.01	Outer_Full	17.98	19.55	/	Pass
	3750	Outer_Full	18.05	19.30	/	Pass
	3789.99	Outer_Full	17.99	19.18	/	Pass
DFT-s-OFDM 64 QAM	3710.01	Outer_Full	18.00	19.34	/	Pass
	3750	Outer_Full	18.23	19.18	/	Pass
	3789.99	Outer_Full	18.18	19.42	/	Pass
DFT-s-OFDM 256 QAM	3710.01	Outer_Full	18.11	19.42	/	Pass
	3750	Outer_Full	18.05	19.26	/	Pass
	3789.99	Outer_Full	18.07	19.41	/	Pass

CP-OFDM QPSK	3710.01	Outer_Full	18.36	19.70	/	Pass
	3750	Outer_Full	18.35	19.61	/	Pass
	3789.99	Outer_Full	18.38	19.61	/	Pass
CP-OFDM 16 QAM	3710.01	Outer_Full	18.20	19.51	/	Pass
	3750	Outer_Full	18.47	19.86	/	Pass
	3789.99	Outer_Full	18.44	19.54	/	Pass
CP-OFDM 64 QAM	3710.01	Outer_Full	18.32	19.61	/	Pass
	3750	Outer_Full	18.28	19.70	/	Pass
	3789.99	Outer_Full	18.26	19.44	/	Pass
CP-OFDM 256 QAM	3710.01	Outer_Full	18.29	19.56	/	Pass
	3750	Outer_Full	18.43	19.76	/	Pass
	3789.99	Outer_Full	18.36	19.75	/	Pass

3.1.2 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 PI/2 BPSK	3715.02	Outer_Full	27.16	28.92	/	Pass
	3750	Outer_Full	27.05	28.79	/	Pass
	3784.98	Outer_Full	27.13	28.96	/	Pass
DFT-s-OFDM QPSK	3715.02	Outer_Full	27.15	29.07	/	Pass
	3750	Outer_Full	27.06	28.90	/	Pass
	3784.98	Outer_Full	27.11	28.85	/	Pass
DFT-s-OFDM 16 QAM	3715.02	Outer_Full	27.14	28.97	/	Pass
	3750	Outer_Full	27.11	28.86	/	Pass
	3784.98	Outer_Full	27.01	28.92	/	Pass
DFT-s-OFDM 64 QAM	3715.02	Outer_Full	26.97	28.99	/	Pass
	3750	Outer_Full	27.02	28.85	/	Pass
	3784.98	Outer_Full	27.04	28.80	/	Pass
DFT-s-OFDM 256 QAM	3715.02	Outer_Full	27.00	29.17	/	Pass
	3750	Outer_Full	27.14	28.83	/	Pass
	3784.98	Outer_Full	27.14	28.92	/	Pass
CP-OFDM QPSK	3715.02	Outer_Full	28.06	29.79	/	Pass
	3750	Outer_Full	28.14	29.86	/	Pass
	3784.98	Outer_Full	28.02	30.13	/	Pass
CP-OFDM 16 QAM	3715.02	Outer_Full	27.99	29.97	/	Pass
	3750	Outer_Full	28.00	30.14	/	Pass
	3784.98	Outer_Full	28.04	29.99	/	Pass
CP-OFDM 64 QAM	3715.02	Outer_Full	28.05	29.98	/	Pass
	3750	Outer_Full	28.14	30.42	/	Pass
	3784.98	Outer_Full	28.15	29.95	/	Pass
CP-OFDM 256 QAM	3715.02	Outer_Full	28.12	29.83	/	Pass
	3750	Outer_Full	28.17	29.87	/	Pass
	3784.98	Outer_Full	28.18	29.76	/	Pass

3.1.3 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 PI/2 BPSK	3720	Outer_Full	35.78	38.37	/	Pass
	3750	Outer_Full	36.09	38.36	/	Pass
	3780	Outer_Full	36.08	38.50	/	Pass
DFT-s-OFDM QPSK	3720	Outer_Full	36.04	38.37	/	Pass
	3750	Outer_Full	36.11	38.35	/	Pass

	3780	Outer_Full	36.04	38.28	/	Pass
DFT-s-OFDM 16 QAM	3720	Outer_Full	35.91	38.25	/	Pass
	3750	Outer_Full	36.01	38.34	/	Pass
	3780	Outer_Full	35.95	38.55	/	Pass
DFT-s-OFDM 64 QAM	3720	Outer_Full	36.05	38.42	/	Pass
	3750	Outer_Full	36.23	38.29	/	Pass
	3780	Outer_Full	35.66	38.34	/	Pass
DFT-s-OFDM 256 QAM	3720	Outer_Full	35.99	38.75	/	Pass
	3750	Outer_Full	35.92	38.41	/	Pass
	3780	Outer_Full	35.91	38.37	/	Pass
CP-OFDM QPSK	3720	Outer_Full	37.97	40.63	/	Pass
	3750	Outer_Full	38.00	40.29	/	Pass
	3780	Outer_Full	38.22	40.58	/	Pass
CP-OFDM 16 QAM	3720	Outer_Full	38.13	40.63	/	Pass
	3750	Outer_Full	38.25	40.78	/	Pass
	3780	Outer_Full	38.07	40.75	/	Pass
CP-OFDM 64 QAM	3720	Outer_Full	38.17	40.55	/	Pass
	3750	Outer_Full	38.15	40.76	/	Pass
	3780	Outer_Full	38.11	40.53	/	Pass
CP-OFDM 256 QAM	3720	Outer_Full	38.20	40.70	/	Pass
	3750	Outer_Full	37.80	40.64	/	Pass
	3780	Outer_Full	38.12	40.55	/	Pass

3.1.4 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 PI/2 BPSK	3725.01	Outer_Full	46.21	49.16	/	Pass
	3750	Outer_Full	46.12	48.98	/	Pass
	3774.99	Outer_Full	46.16	49.05	/	Pass
DFT-s-OFDM QPSK	3725.01	Outer_Full	46.25	48.93	/	Pass
	3750	Outer_Full	45.77	49.32	/	Pass
	3774.99	Outer_Full	46.09	49.22	/	Pass
DFT-s-OFDM 16 QAM	3725.01	Outer_Full	45.81	49.10	/	Pass
	3750	Outer_Full	46.41	49.41	/	Pass
	3774.99	Outer_Full	46.16	49.15	/	Pass
DFT-s-OFDM 64 QAM	3725.01	Outer_Full	45.91	49.36	/	Pass
	3750	Outer_Full	45.94	49.10	/	Pass
	3774.99	Outer_Full	45.92	48.90	/	Pass
DFT-s-OFDM 256 QAM	3725.01	Outer_Full	45.90	49.12	/	Pass
	3750	Outer_Full	45.80	48.90	/	Pass
	3774.99	Outer_Full	46.02	49.23	/	Pass
CP-OFDM QPSK	3725.01	Outer_Full	47.81	50.97	/	Pass
	3750	Outer_Full	47.90	51.05	/	Pass
	3774.99	Outer_Full	47.85	50.94	/	Pass
CP-OFDM 16 QAM	3725.01	Outer_Full	47.63	51.01	/	Pass
	3750	Outer_Full	47.66	50.64	/	Pass
	3774.99	Outer_Full	47.72	50.83	/	Pass
CP-OFDM 64 QAM	3725.01	Outer_Full	47.76	50.88	/	Pass
	3750	Outer_Full	47.86	51.02	/	Pass
	3774.99	Outer_Full	47.67	51.02	/	Pass
CP-OFDM 256 QAM	3725.01	Outer_Full	47.83	50.94	/	Pass
	3750	Outer_Full	47.75	51.03	/	Pass
	3774.99	Outer_Full	47.74	51.01	/	Pass

3.1.5 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 PI/2 BPSK	3730.02	Outer_Full	58.27	62.22	/	Pass
	3750	Outer_Full	58.16	61.80	/	Pass
	3769.98	Outer_Full	58.31	61.93	/	Pass
DFT-s-OFDM QPSK	3730.02	Outer_Full	58.45	61.74	/	Pass
	3750	Outer_Full	58.24	62.15	/	Pass
	3769.98	Outer_Full	58.39	62.06	/	Pass
DFT-s-OFDM 16 QAM	3730.02	Outer_Full	58.05	61.87	/	Pass
	3750	Outer_Full	58.24	61.91	/	Pass
	3769.98	Outer_Full	58.34	61.98	/	Pass
DFT-s-OFDM 64 QAM	3730.02	Outer_Full	58.16	61.96	/	Pass
	3750	Outer_Full	58.07	62.01	/	Pass
	3769.98	Outer_Full	58.37	61.77	/	Pass
DFT-s-OFDM 256 QAM	3730.02	Outer_Full	57.96	62.02	/	Pass
	3750	Outer_Full	57.82	61.98	/	Pass
	3769.98	Outer_Full	58.07	61.98	/	Pass
CP-OFDM QPSK	3730.02	Outer_Full	58.13	61.76	/	Pass
	3750	Outer_Full	58.09	61.93	/	Pass
	3769.98	Outer_Full	57.90	62.00	/	Pass
CP-OFDM 16 QAM	3730.02	Outer_Full	58.40	61.80	/	Pass
	3750	Outer_Full	58.13	62.31	/	Pass
	3769.98	Outer_Full	58.28	61.89	/	Pass
CP-OFDM 64 QAM	3730.02	Outer_Full	58.25	61.77	/	Pass
	3750	Outer_Full	58.23	61.90	/	Pass
	3769.98	Outer_Full	58.29	61.86	/	Pass
CP-OFDM 256 QAM	3730.02	Outer_Full	57.78	61.82	/	Pass
	3750	Outer_Full	58.20	61.88	/	Pass
	3769.98	Outer_Full	58.48	62.14	/	Pass

3.1.6 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 PI/2 BPSK	3735	Outer_Full	64.85	69.22	/	Pass
	3750	Outer_Full	64.71	69.54	/	Pass
	3765	Outer_Full	64.70	68.92	/	Pass
DFT-s-OFDM QPSK	3735	Outer_Full	64.77	69.19	/	Pass
	3750	Outer_Full	64.65	69.17	/	Pass
	3765	Outer_Full	65.13	69.70	/	Pass
DFT-s-OFDM 16 QAM	3735	Outer_Full	64.79	69.41	/	Pass
	3750	Outer_Full	64.58	69.00	/	Pass
	3765	Outer_Full	64.77	69.18	/	Pass
DFT-s-OFDM 64 QAM	3735	Outer_Full	64.67	69.51	/	Pass
	3750	Outer_Full	64.75	68.65	/	Pass
	3765	Outer_Full	64.93	69.09	/	Pass
DFT-s-OFDM 256 QAM	3735	Outer_Full	64.97	69.22	/	Pass
	3750	Outer_Full	64.60	69.61	/	Pass
	3765	Outer_Full	64.74	69.20	/	Pass
CP-OFDM QPSK	3735	Outer_Full	67.88	72.60	/	Pass
	3750	Outer_Full	67.74	72.52	/	Pass
	3765	Outer_Full	68.13	72.66	/	Pass
CP-OFDM 16 QAM	3735	Outer_Full	67.97	72.78	/	Pass

CP-OFDM 64 QAM	3750	Outer_Full	67.98	72.82	/	Pass
	3765	Outer_Full	67.65	72.64	/	Pass
	3735	Outer_Full	68.07	72.97	/	Pass
	3750	Outer_Full	67.98	72.64	/	Pass
	3765	Outer_Full	68.10	72.41	/	Pass
CP-OFDM 256 QAM	3735	Outer_Full	67.87	72.28	/	Pass
	3750	Outer_Full	67.81	71.62	/	Pass
	3765	Outer_Full	67.99	72.53	/	Pass

3.1.7 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 PI/2 BPSK	3740.01	Outer_Full	77.52	82.45	/	Pass
	3750	Outer_Full	77.40	82.64	/	Pass
	3759.99	Outer_Full	77.53	82.74	/	Pass
DFT-s-OFDM QPSK	3740.01	Outer_Full	77.79	82.88	/	Pass
	3750	Outer_Full	77.49	83.01	/	Pass
	3759.99	Outer_Full	77.21	82.68	/	Pass
DFT-s-OFDM 16 QAM	3740.01	Outer_Full	77.44	82.47	/	Pass
	3750	Outer_Full	77.80	82.99	/	Pass
	3759.99	Outer_Full	77.89	82.81	/	Pass
DFT-s-OFDM 64 QAM	3740.01	Outer_Full	77.67	82.52	/	Pass
	3750	Outer_Full	76.96	82.40	/	Pass
	3759.99	Outer_Full	77.65	82.57	/	Pass
DFT-s-OFDM 256 QAM	3740.01	Outer_Full	77.55	82.56	/	Pass
	3750	Outer_Full	77.55	82.89	/	Pass
	3759.99	Outer_Full	77.45	82.56	/	Pass
CP-OFDM QPSK	3740.01	Outer_Full	77.93	83.09	/	Pass
	3750	Outer_Full	78.15	82.99	/	Pass
	3759.99	Outer_Full	78.00	82.58	/	Pass
CP-OFDM 16 QAM	3740.01	Outer_Full	78.28	83.08	/	Pass
	3750	Outer_Full	77.82	82.53	/	Pass
	3759.99	Outer_Full	77.79	83.18	/	Pass
CP-OFDM 64 QAM	3740.01	Outer_Full	78.11	83.00	/	Pass
	3750	Outer_Full	78.17	83.31	/	Pass
	3759.99	Outer_Full	78.17	82.90	/	Pass
CP-OFDM 256 QAM	3740.01	Outer_Full	77.80	83.17	/	Pass
	3750	Outer_Full	77.65	83.07	/	Pass
	3759.99	Outer_Full	77.88	83.07	/	Pass

3.1.8 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 PI/2 BPSK	3745.02	Outer_Full	87.07	91.99	/	Pass
	3750	Outer_Full	87.14	92.18	/	Pass
	3754.98	Outer_Full	86.89	91.97	/	Pass
DFT-s-OFDM QPSK	3745.02	Outer_Full	86.99	91.97	/	Pass
	3750	Outer_Full	87.00	92.28	/	Pass
	3754.98	Outer_Full	86.96	92.25	/	Pass
DFT-s-OFDM 16 QAM	3745.02	Outer_Full	87.24	92.05	/	Pass
	3750	Outer_Full	87.22	92.28	/	Pass
	3754.98	Outer_Full	87.29	92.27	/	Pass

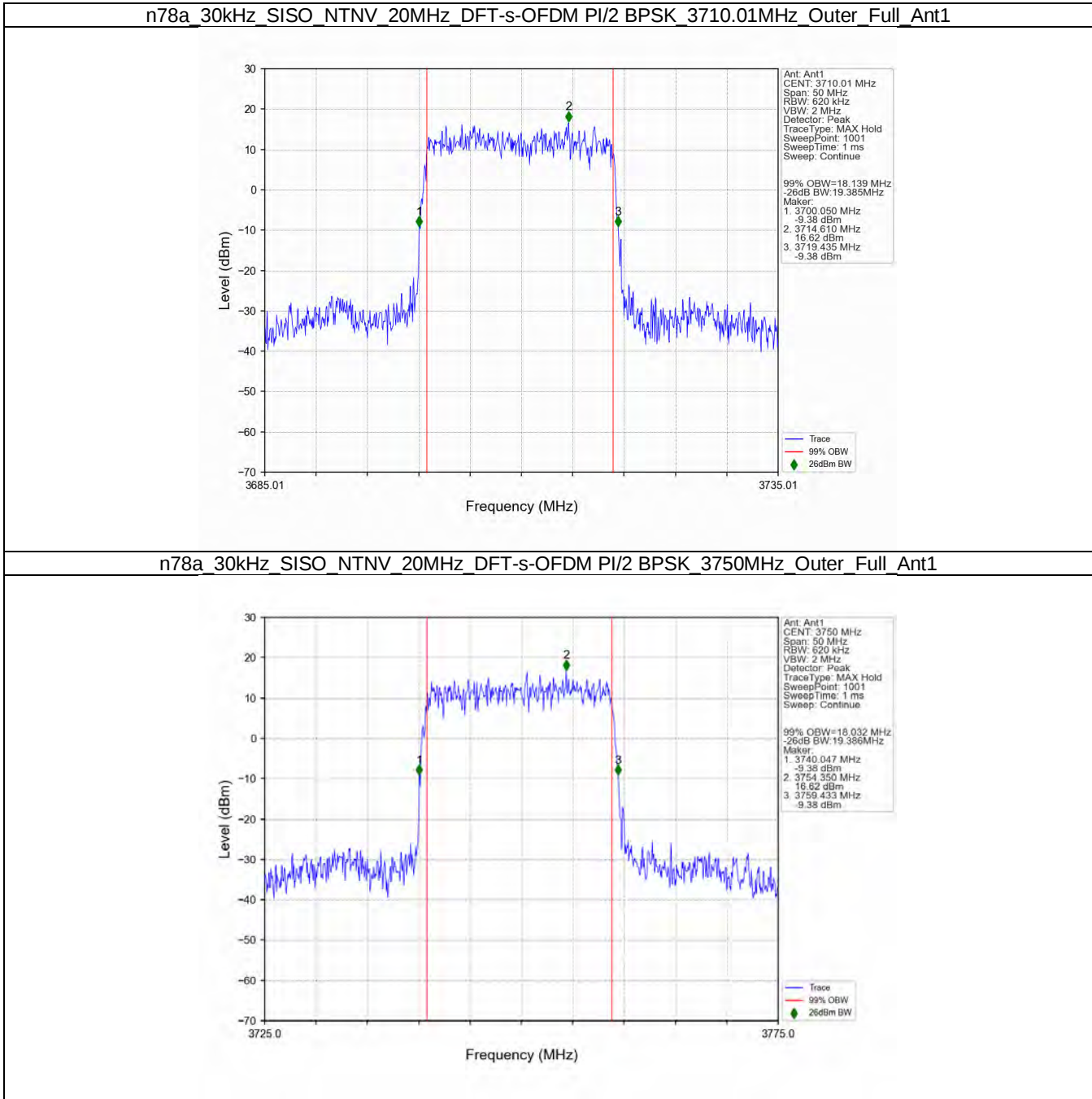
DFT-s-OFDM 64 QAM	3745.02	Outer_Full	87.21	92.03	/	Pass
	3750	Outer_Full	87.08	92.13	/	Pass
	3754.98	Outer_Full	87.17	92.17	/	Pass
DFT-s-OFDM 256 QAM	3745.02	Outer_Full	86.82	91.95	/	Pass
	3750	Outer_Full	86.90	92.01	/	Pass
	3754.98	Outer_Full	87.63	91.38	/	Pass
CP-OFDM QPSK	3745.02	Outer_Full	87.70	92.88	/	Pass
	3750	Outer_Full	87.85	92.77	/	Pass
	3754.98	Outer_Full	87.73	92.88	/	Pass
CP-OFDM 16 QAM	3745.02	Outer_Full	87.81	92.94	/	Pass
	3750	Outer_Full	87.69	92.79	/	Pass
	3754.98	Outer_Full	87.70	92.83	/	Pass
CP-OFDM 64 QAM	3745.02	Outer_Full	87.72	92.83	/	Pass
	3750	Outer_Full	87.85	92.92	/	Pass
	3754.98	Outer_Full	87.93	92.86	/	Pass
CP-OFDM 256 QAM	3745.02	Outer_Full	87.80	92.97	/	Pass
	3750	Outer_Full	87.95	92.84	/	Pass
	3754.98	Outer_Full	88.04	92.84	/	Pass

3.1.9 30k_SISO_100MHz_NTNV

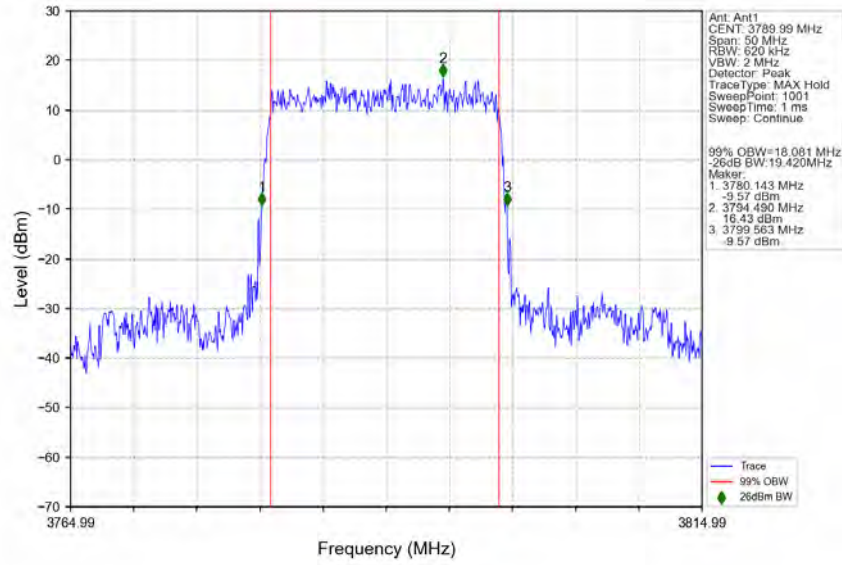
5G NR n78a SCS=30kHz SISO 100MHz NTNv						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	96.63	101.66	/	Pass
	3750	Outer_Full	96.99	101.78	/	Pass
	3750	Outer_Full	96.82	101.66	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	96.87	101.94	/	Pass
	3750	Outer_Full	96.82	101.90	/	Pass
	3750	Outer_Full	96.84	101.86	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	96.90	101.82	/	Pass
	3750	Outer_Full	97.53	101.78	/	Pass
	3750	Outer_Full	96.93	101.90	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	96.62	101.88	/	Pass
	3750	Outer_Full	96.58	101.99	/	Pass
	3750	Outer_Full	96.72	101.95	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	96.70	101.89	/	Pass
	3750	Outer_Full	96.73	101.97	/	Pass
	3750	Outer_Full	96.70	101.93	/	Pass
CP-OFDM QPSK	3750	Outer_Full	98.05	102.21	/	Pass
	3750	Outer_Full	97.80	103.00	/	Pass
	3750	Outer_Full	98.13	101.81	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	97.61	102.87	/	Pass
	3750	Outer_Full	97.77	102.95	/	Pass
	3750	Outer_Full	97.62	102.95	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	97.69	103.00	/	Pass
	3750	Outer_Full	97.67	103.07	/	Pass
	3750	Outer_Full	97.58	102.94	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	97.73	102.91	/	Pass
	3750	Outer_Full	97.81	102.99	/	Pass
	3750	Outer_Full	97.64	102.96	/	Pass

3.2 Test Graph

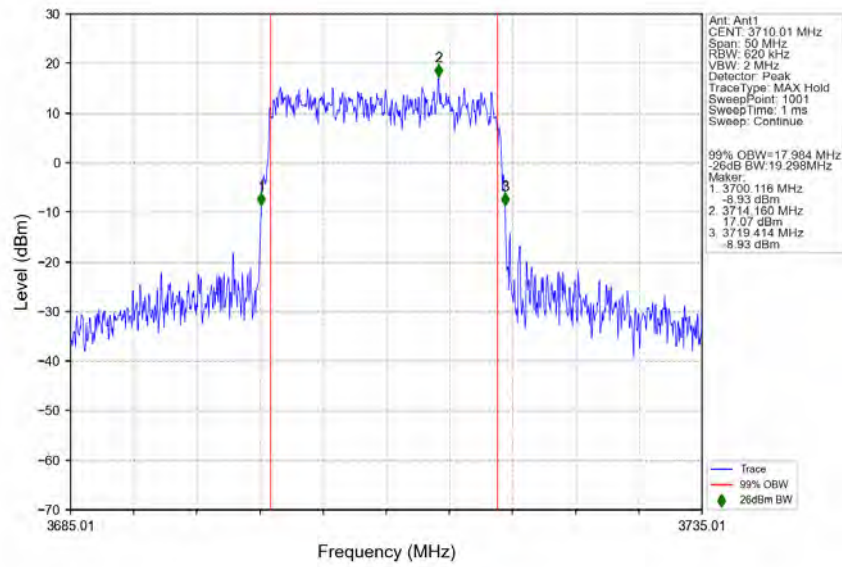
3.2.1 30k_SISO_20MHz_NTNV



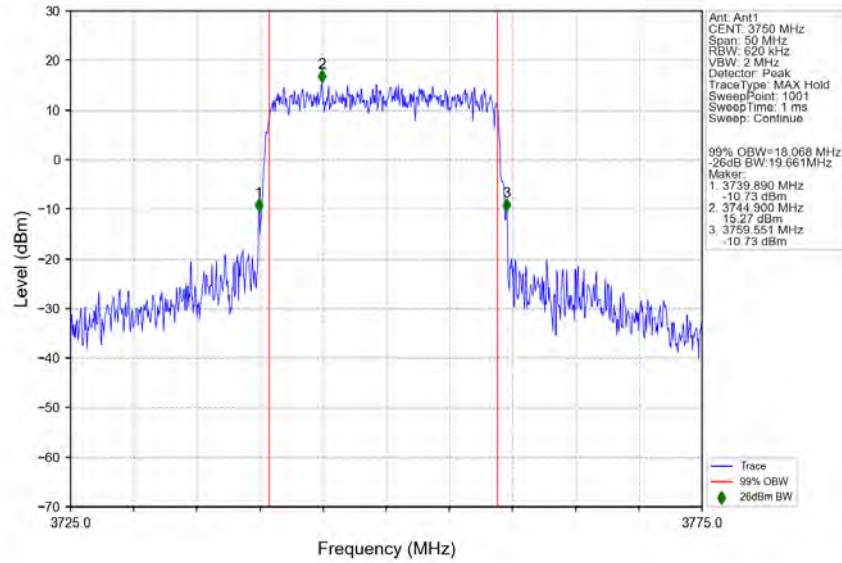
n78a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_3789.99MHz_Outer_Full_Ant1



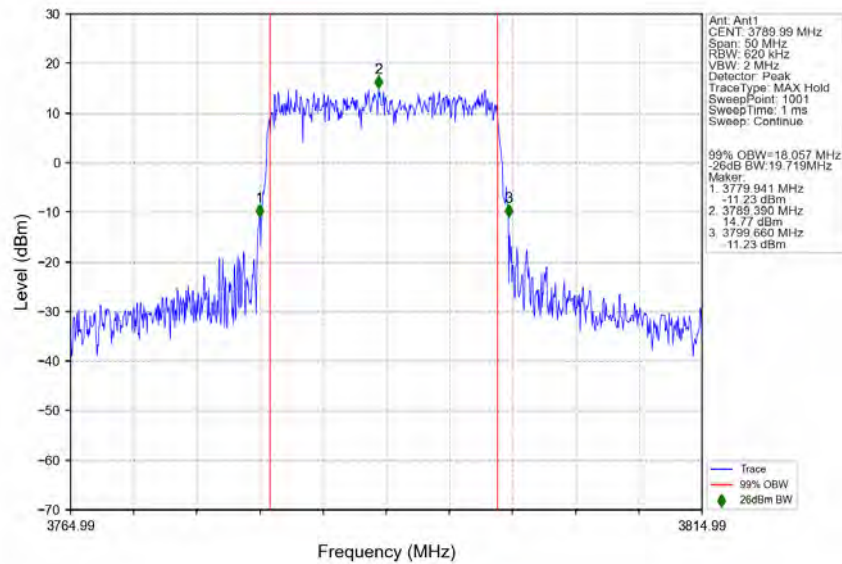
n78a_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3710.01MHz_Outer_Full_Ant1



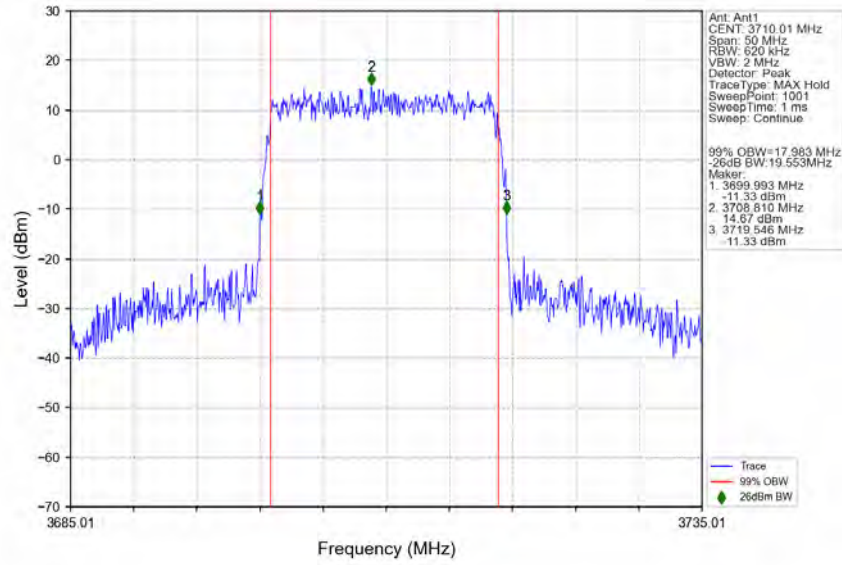
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3750MHz Outer Full Ant1



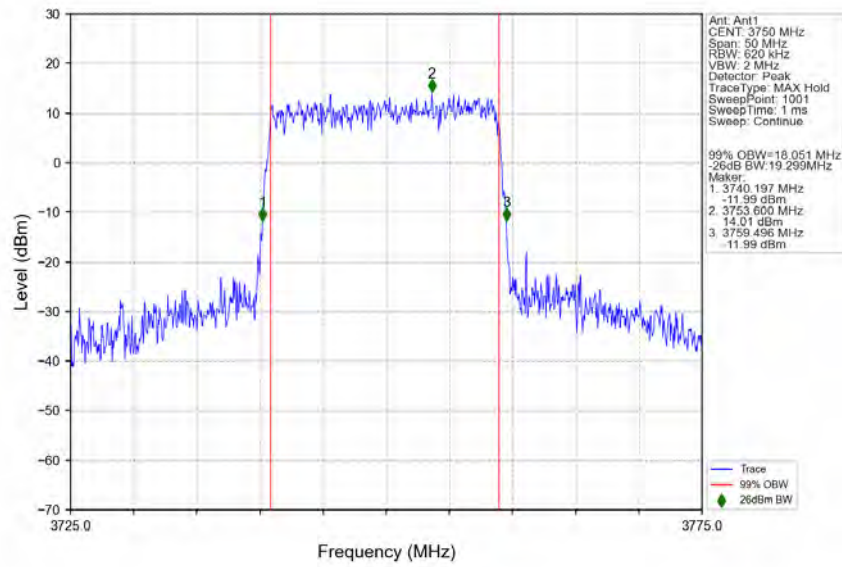
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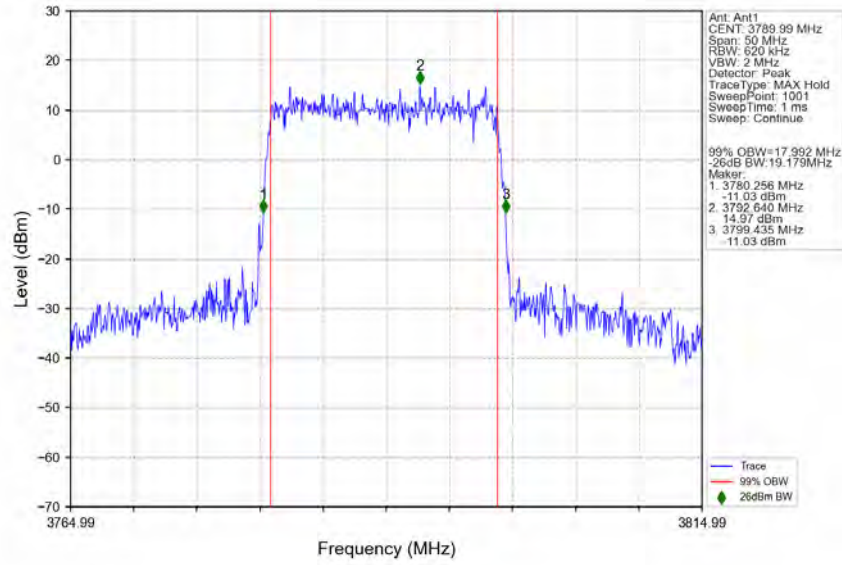
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 3710.01MHz Outer Full Ant1



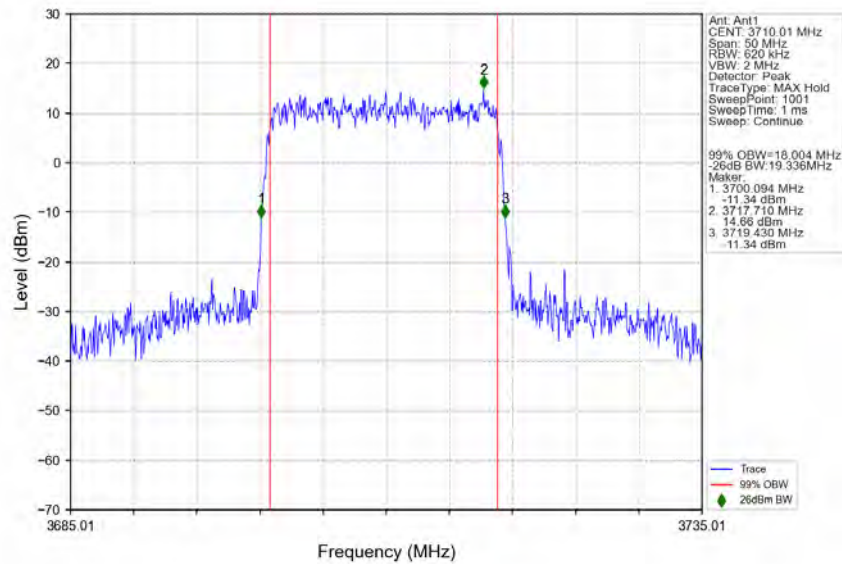
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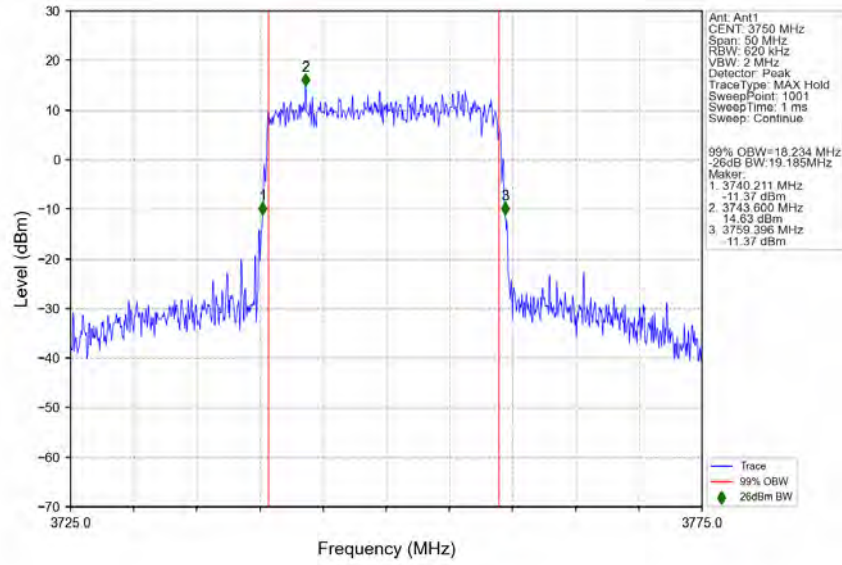
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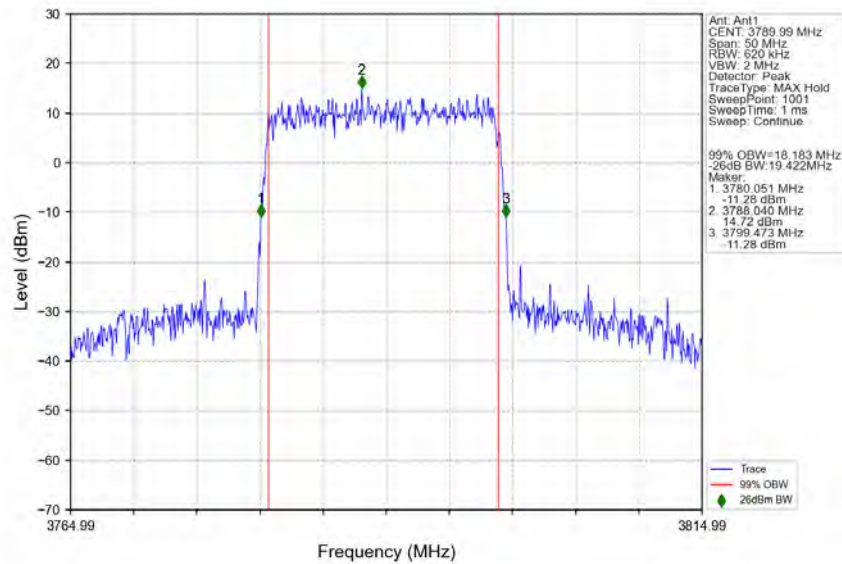
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 3710.01MHz Outer Full Ant1



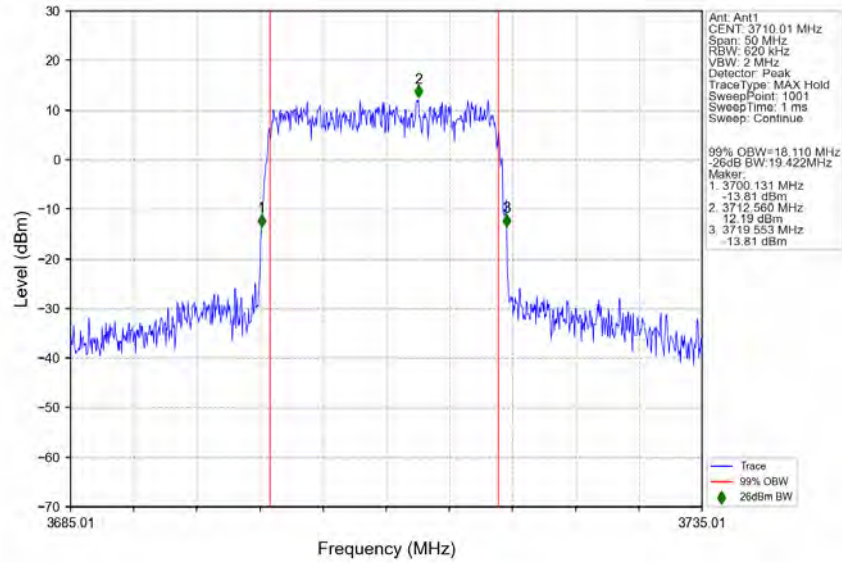
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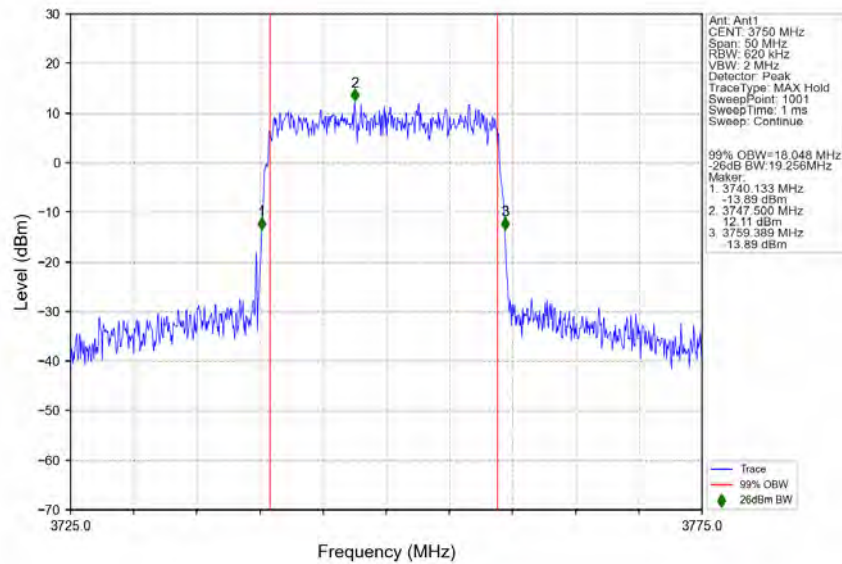
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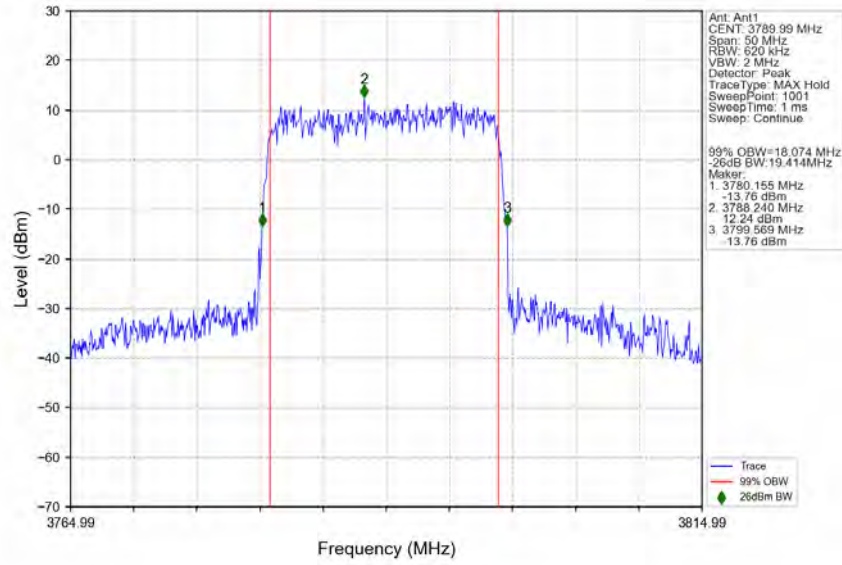
n78a 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 3710.01MHz Outer Full Ant1



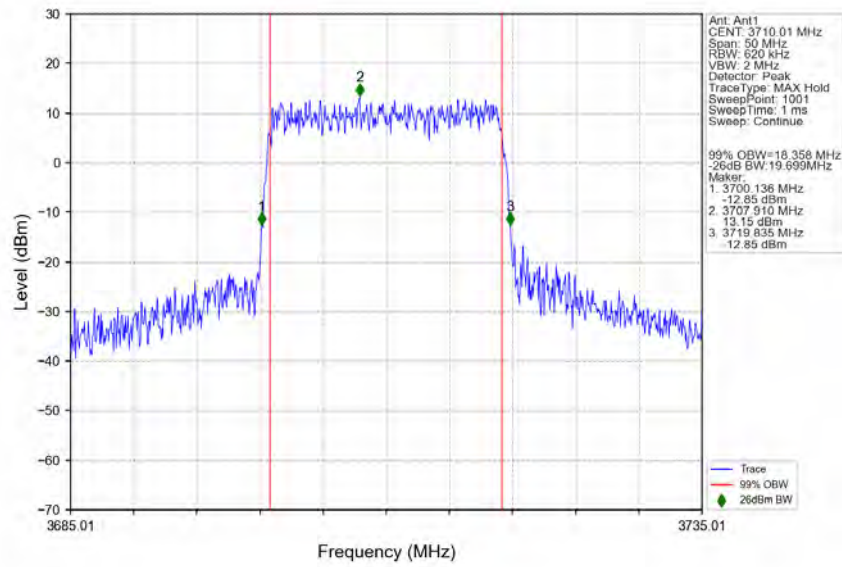
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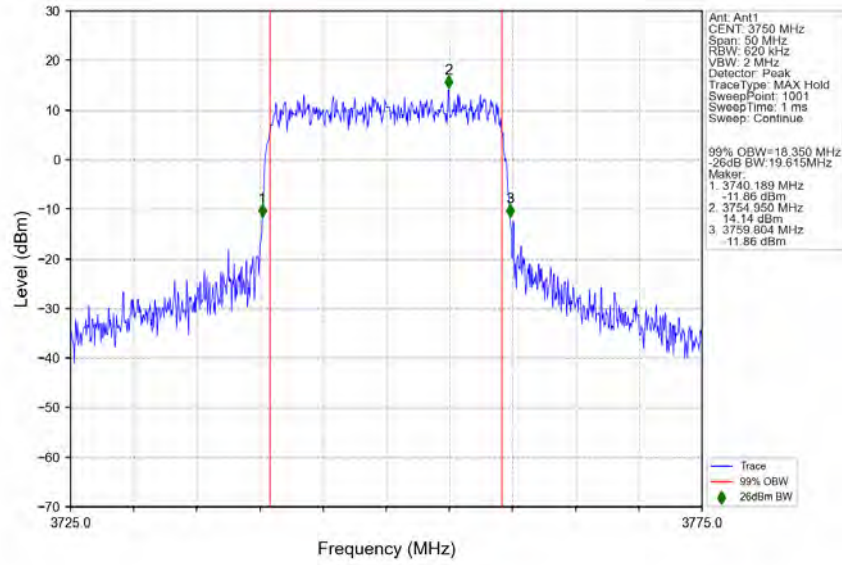
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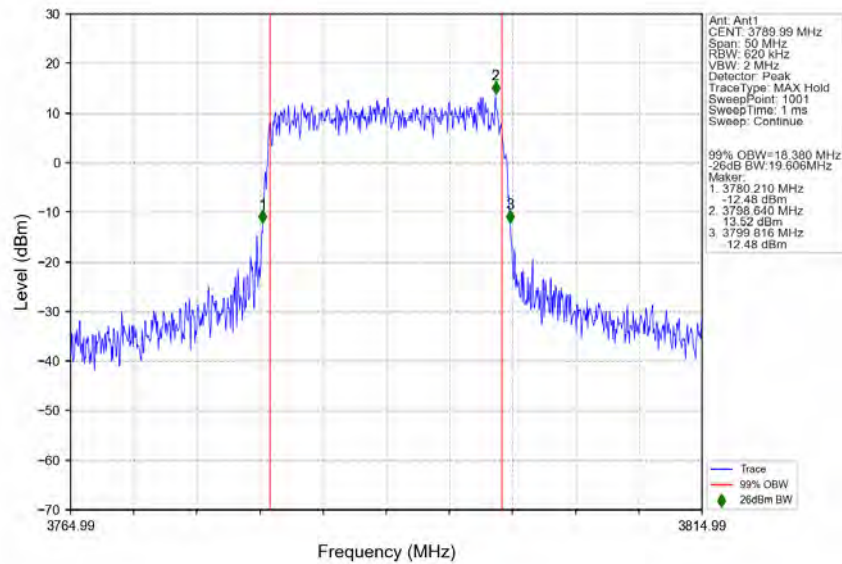
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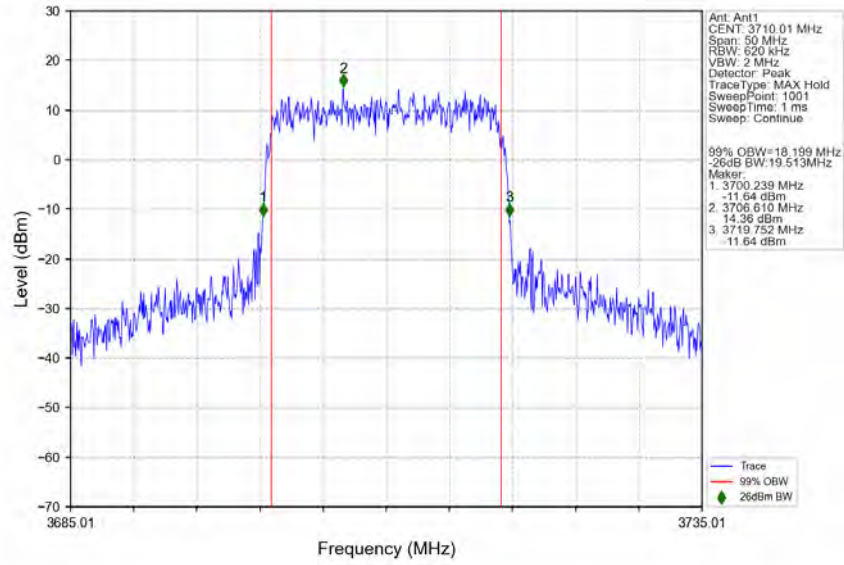
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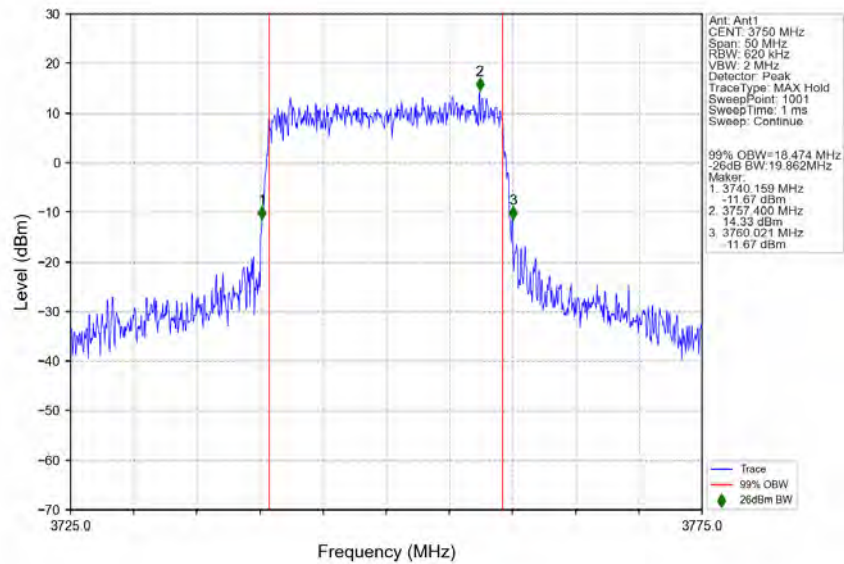
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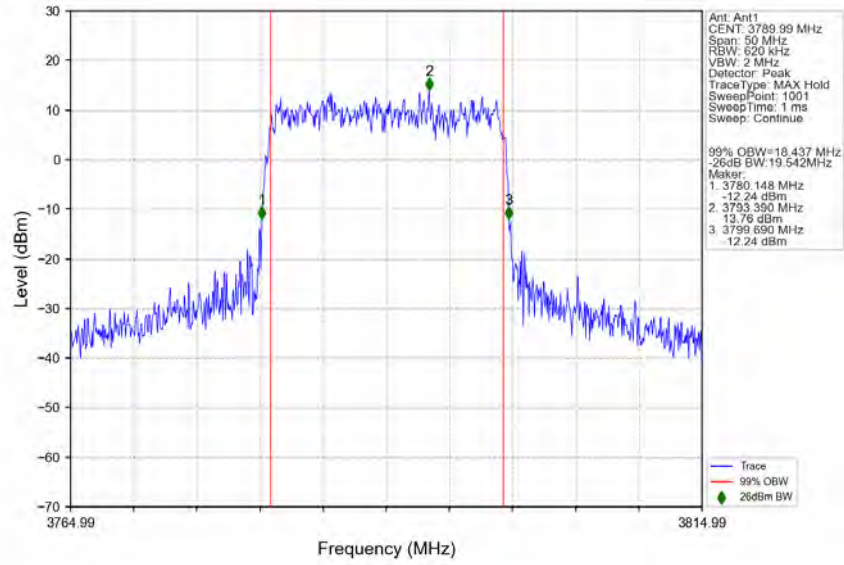
n78a 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 3710.01MHz Outer Full Ant1



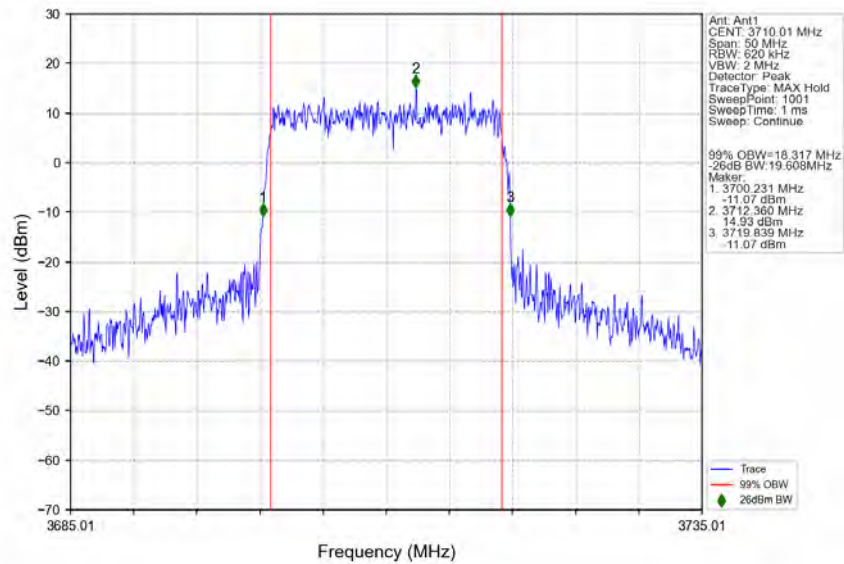
n78a 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 3750MHz Outer Full Ant1



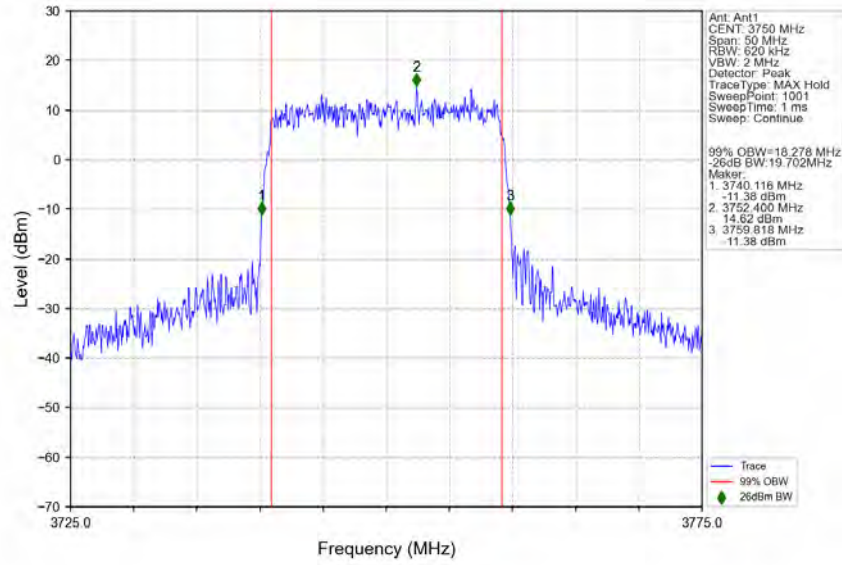
n78a 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 3789.99MHz Outer Full Ant1



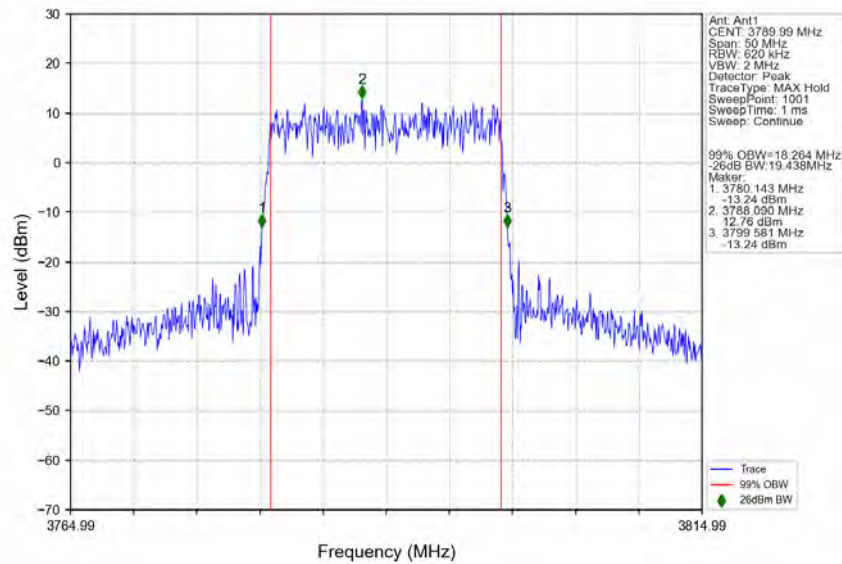
n78a 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 3710.01MHz Outer Full Ant1



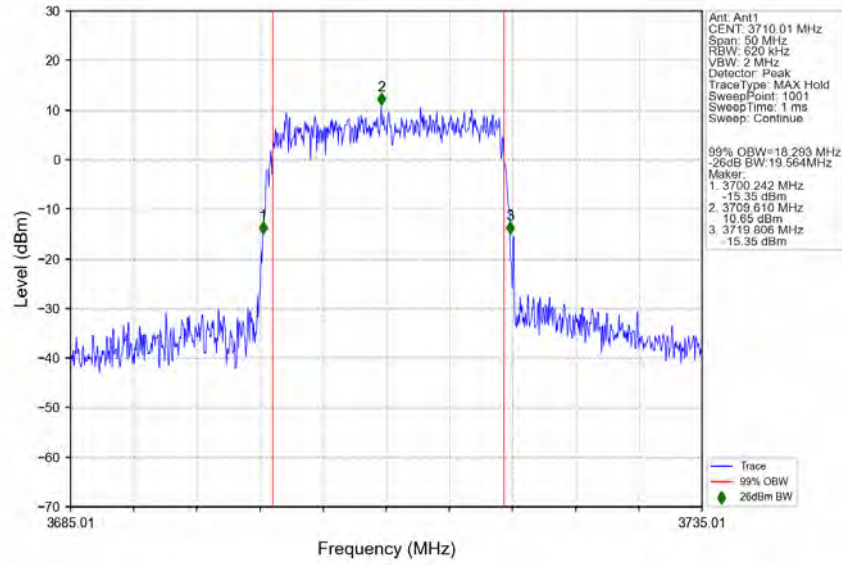
n78a 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 3750MHz Outer Full Ant1



n78a 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 3789.99MHz Outer Full Ant1



n78a 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 3710.01MHz Outer Full Ant1



n78a 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 3750MHz Outer Full Ant1

