

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
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3710.01	Edge_1RB_Left	23.10	/	/	24.80	/	/	<=30	Pass
		Edge_1RB_Right	23.28	/	/	24.98	/	/	<=30	Pass
		Outer_Full	26.25	/	/	27.95	/	/	<=30	Pass
		Inner_Full	26.89	/	/	28.59	/	/	<=30	Pass
		Inner_1RB_Left	26.53	/	/	28.23	/	/	<=30	Pass
		Inner_1RB_Right	26.69	/	/	28.39	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.92	/	/	24.62	/	/	<=30	Pass
		Edge_1RB_Right	23.56	/	/	25.26	/	/	<=30	Pass
		Outer_Full	26.30	/	/	28.00	/	/	<=30	Pass
		Inner_Full	26.70	/	/	28.40	/	/	<=30	Pass
		Inner_1RB_Left	26.41	/	/	28.11	/	/	<=30	Pass
		Inner_1RB_Right	26.99	/	/	28.69	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	22.93	/	/	24.63	/	/	<=30	Pass
		Edge_1RB_Right	23.02	/	/	24.72	/	/	<=30	Pass
		Outer_Full	25.98	/	/	27.68	/	/	<=30	Pass
		Inner_Full	26.47	/	/	28.17	/	/	<=30	Pass
		Inner_1RB_Left	26.45	/	/	28.15	/	/	<=30	Pass
		Inner_1RB_Right	26.53	/	/	28.23	/	/	<=30	Pass
DFT-s-OFDM QPSK	3710.01	Edge_1RB_Left	23.07	/	/	24.77	/	/	<=30	Pass
		Edge_1RB_Right	23.13	/	/	24.83	/	/	<=30	Pass
		Outer_Full	25.80	/	/	27.50	/	/	<=30	Pass
		Inner_Full	26.88	/	/	28.58	/	/	<=30	Pass
		Inner_1RB_Left	26.58	/	/	28.28	/	/	<=30	Pass
		Inner_1RB_Right	26.67	/	/	28.37	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.86	/	/	24.56	/	/	<=30	Pass
		Edge_1RB_Right	23.52	/	/	25.22	/	/	<=30	Pass
		Outer_Full	25.83	/	/	27.53	/	/	<=30	Pass
		Inner_Full	26.74	/	/	28.44	/	/	<=30	Pass
		Inner_1RB_Left	26.35	/	/	28.05	/	/	<=30	Pass
		Inner_1RB_Right	26.91	/	/	28.61	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	22.94	/	/	24.64	/	/	<=30	Pass
		Edge_1RB_Right	23.04	/	/	24.74	/	/	<=30	Pass
		Outer_Full	25.49	/	/	27.19	/	/	<=30	Pass
		Inner_Full	26.40	/	/	28.10	/	/	<=30	Pass
		Inner_1RB_Left	26.46	/	/	28.16	/	/	<=30	Pass
		Inner_1RB_Right	26.50	/	/	28.20	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Edge_1RB_Left	23.04	/	/	24.74	/	/	<=30	Pass
		Edge_1RB_Right	23.11	/	/	24.81	/	/	<=30	Pass
		Outer_Full	24.88	/	/	26.58	/	/	<=30	Pass
		Inner_Full	25.92	/	/	27.62	/	/	<=30	Pass
		Inner_1RB_Left	25.39	/	/	27.09	/	/	<=30	Pass
		Inner_1RB_Right	25.55	/	/	27.25	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.67	/	/	24.37	/	/	<=30	Pass
		Edge_1RB_Right	23.43	/	/	25.13	/	/	<=30	Pass
		Outer_Full	24.81	/	/	26.51	/	/	<=30	Pass
		Inner_Full	25.78	/	/	27.48	/	/	<=30	Pass
		Inner_1RB_Left	25.25	/	/	26.95	/	/	<=30	Pass
		Inner_1RB_Right	25.89	/	/	27.59	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	23.03	/	/	24.73	/	/	<=30	Pass

		Edge 1RB Right	22.79	/	/	24.49	/	/	<=30	Pass
		Outer Full	24.47	/	/	26.17	/	/	<=30	Pass
		Inner Full	25.46	/	/	27.16	/	/	<=30	Pass
		Inner 1RB Left	25.30	/	/	27.00	/	/	<=30	Pass
		Inner 1RB Right	25.29	/	/	26.99	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3710.01	Edge 1RB Left	23.11	/	/	24.81	/	/	<=30	Pass
		Edge 1RB Right	23.19	/	/	24.89	/	/	<=30	Pass
		Outer Full	24.41	/	/	26.11	/	/	<=30	Pass
		Inner Full	24.42	/	/	26.12	/	/	<=30	Pass
		Inner 1RB Left	24.14	/	/	25.84	/	/	<=30	Pass
		Inner 1RB Right	24.29	/	/	25.99	/	/	<=30	Pass
	3750	Edge 1RB Left	22.93	/	/	24.63	/	/	<=30	Pass
		Edge 1RB Right	23.55	/	/	25.25	/	/	<=30	Pass
		Outer Full	24.32	/	/	26.02	/	/	<=30	Pass
		Inner Full	24.26	/	/	25.96	/	/	<=30	Pass
		Inner 1RB Left	23.96	/	/	25.66	/	/	<=30	Pass
		Inner 1RB Right	24.60	/	/	26.30	/	/	<=30	Pass
	3789.99	Edge 1RB Left	23.13	/	/	24.83	/	/	<=30	Pass
		Edge 1RB Right	23.09	/	/	24.79	/	/	<=30	Pass
		Outer Full	24.04	/	/	25.74	/	/	<=30	Pass
		Inner Full	23.90	/	/	25.60	/	/	<=30	Pass
		Inner 1RB Left	23.97	/	/	25.67	/	/	<=30	Pass
		Inner 1RB Right	24.16	/	/	25.86	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3710.01	Edge 1RB Left	22.14	/	/	23.84	/	/	<=30	Pass
		Edge 1RB Right	22.34	/	/	24.04	/	/	<=30	Pass
		Outer Full	22.35	/	/	24.05	/	/	<=30	Pass
		Inner Full	22.53	/	/	24.23	/	/	<=30	Pass
		Inner 1RB Left	22.20	/	/	23.90	/	/	<=30	Pass
		Inner 1RB Right	22.35	/	/	24.05	/	/	<=30	Pass
	3750	Edge 1RB Left	21.86	/	/	23.56	/	/	<=30	Pass
		Edge 1RB Right	22.56	/	/	24.26	/	/	<=30	Pass
		Outer Full	22.17	/	/	23.87	/	/	<=30	Pass
		Inner Full	22.31	/	/	24.01	/	/	<=30	Pass
		Inner 1RB Left	21.84	/	/	23.54	/	/	<=30	Pass
		Inner 1RB Right	22.47	/	/	24.17	/	/	<=30	Pass
	3789.99	Edge 1RB Left	22.12	/	/	23.82	/	/	<=30	Pass
		Edge 1RB Right	22.00	/	/	23.70	/	/	<=30	Pass
		Outer Full	21.97	/	/	23.67	/	/	<=30	Pass
		Inner Full	21.98	/	/	23.68	/	/	<=30	Pass
		Inner 1RB Left	22.04	/	/	23.74	/	/	<=30	Pass
		Inner 1RB Right	22.05	/	/	23.75	/	/	<=30	Pass
CP-OFDM QPSK	3710.01	Edge 1RB Left	23.11	/	/	24.81	/	/	<=30	Pass
		Edge 1RB Right	23.31	/	/	25.01	/	/	<=30	Pass
		Outer Full	23.90	/	/	25.60	/	/	<=30	Pass
		Inner Full	25.37	/	/	27.07	/	/	<=30	Pass
		Inner 1RB Left	25.15	/	/	26.85	/	/	<=30	Pass
		Inner 1RB Right	25.27	/	/	26.97	/	/	<=30	Pass
	3750	Edge 1RB Left	22.99	/	/	24.69	/	/	<=30	Pass
		Edge 1RB Right	23.57	/	/	25.27	/	/	<=30	Pass
		Outer Full	23.84	/	/	25.54	/	/	<=30	Pass
		Inner Full	25.26	/	/	26.96	/	/	<=30	Pass
		Inner 1RB Left	25.06	/	/	26.76	/	/	<=30	Pass
		Inner 1RB Right	25.63	/	/	27.33	/	/	<=30	Pass
	3789.99	Edge 1RB Left	23.08	/	/	24.78	/	/	<=30	Pass
		Edge 1RB Right	23.14	/	/	24.84	/	/	<=30	Pass
		Outer Full	23.48	/	/	25.18	/	/	<=30	Pass
		Inner Full	24.93	/	/	26.63	/	/	<=30	Pass
		Inner 1RB Left	25.10	/	/	26.80	/	/	<=30	Pass
		Inner 1RB Right	25.05	/	/	26.75	/	/	<=30	Pass

CP-OFDM 16 QAM	3710.01	Edge_1RB_Left	22.94	/	/	24.64	/	/	<=30	Pass
		Edge_1RB_Right	23.13	/	/	24.83	/	/	<=30	Pass
		Outer_Full	23.90	/	/	25.60	/	/	<=30	Pass
		Inner_Full	24.92	/	/	26.62	/	/	<=30	Pass
		Inner_1RB_Left	24.47	/	/	26.17	/	/	<=30	Pass
		Inner_1RB_Right	24.68	/	/	26.38	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.82	/	/	24.52	/	/	<=30	Pass
		Edge_1RB_Right	23.44	/	/	25.14	/	/	<=30	Pass
		Outer_Full	23.73	/	/	25.43	/	/	<=30	Pass
		Inner_Full	24.76	/	/	26.46	/	/	<=30	Pass
		Inner_1RB_Left	24.24	/	/	25.94	/	/	<=30	Pass
		Inner_1RB_Right	24.97	/	/	26.67	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	23.02	/	/	24.72	/	/	<=30	Pass
		Edge_1RB_Right	22.89	/	/	24.59	/	/	<=30	Pass
		Outer_Full	23.50	/	/	25.20	/	/	<=30	Pass
		Inner_Full	24.47	/	/	26.17	/	/	<=30	Pass
		Inner_1RB_Left	24.39	/	/	26.09	/	/	<=30	Pass
		Inner_1RB_Right	24.43	/	/	26.13	/	/	<=30	Pass
CP-OFDM 64 QAM	3710.01	Edge_1RB_Left	23.00	/	/	24.70	/	/	<=30	Pass
		Edge_1RB_Right	23.20	/	/	24.90	/	/	<=30	Pass
		Outer_Full	23.34	/	/	25.04	/	/	<=30	Pass
		Inner_Full	23.42	/	/	25.12	/	/	<=30	Pass
		Inner_1RB_Left	23.21	/	/	24.91	/	/	<=30	Pass
		Inner_1RB_Right	23.36	/	/	25.06	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.86	/	/	24.56	/	/	<=30	Pass
		Edge_1RB_Right	23.63	/	/	25.33	/	/	<=30	Pass
		Outer_Full	23.26	/	/	24.96	/	/	<=30	Pass
		Inner_Full	23.35	/	/	25.05	/	/	<=30	Pass
		Inner_1RB_Left	23.20	/	/	24.90	/	/	<=30	Pass
		Inner_1RB_Right	23.55	/	/	25.25	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	23.07	/	/	24.77	/	/	<=30	Pass
		Edge_1RB_Right	23.01	/	/	24.71	/	/	<=30	Pass
		Outer_Full	23.01	/	/	24.71	/	/	<=30	Pass
		Inner_Full	23.05	/	/	24.75	/	/	<=30	Pass
		Inner_1RB_Left	23.08	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Right	23.16	/	/	24.86	/	/	<=30	Pass
CP-OFDM 256 QAM	3710.01	Edge_1RB_Left	20.20	/	/	21.90	/	/	<=30	Pass
		Edge_1RB_Right	20.26	/	/	21.96	/	/	<=30	Pass
		Outer_Full	20.43	/	/	22.13	/	/	<=30	Pass
		Inner_Full	20.52	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Left	20.18	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Right	20.40	/	/	22.10	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.06	/	/	21.76	/	/	<=30	Pass
		Edge_1RB_Right	20.64	/	/	22.34	/	/	<=30	Pass
		Outer_Full	20.29	/	/	21.99	/	/	<=30	Pass
		Inner_Full	20.38	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Left	20.13	/	/	21.83	/	/	<=30	Pass
		Inner_1RB_Right	20.56	/	/	22.26	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	13.06	/	/	14.76	/	/	<=30	Pass
		Edge_1RB_Right	20.17	/	/	21.87	/	/	<=30	Pass
		Outer_Full	19.95	/	/	21.65	/	/	<=30	Pass
		Inner_Full	20.05	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Left	20.13	/	/	21.83	/	/	<=30	Pass
		Inner_1RB_Right	20.19	/	/	21.89	/	/	<=30	Pass
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; 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
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3715.02	Edge_1RB_Left	22.92	/	/	24.62	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	24.43	/	/	<=30	Pass
		Outer_Full	26.13	/	/	27.83	/	/	<=30	Pass
		Inner_Full	26.76	/	/	28.46	/	/	<=30	Pass
		Inner_1RB_Left	26.50	/	/	28.20	/	/	<=30	Pass
		Inner_1RB_Right	26.23	/	/	27.93	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.69	/	/	24.39	/	/	<=30	Pass
		Edge_1RB_Right	23.59	/	/	25.29	/	/	<=30	Pass
		Outer_Full	26.17	/	/	27.87	/	/	<=30	Pass
		Inner_Full	26.65	/	/	28.35	/	/	<=30	Pass
		Inner_1RB_Left	26.20	/	/	27.90	/	/	<=30	Pass
		Inner_1RB_Right	26.93	/	/	28.63	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	23.39	/	/	25.09	/	/	<=30	Pass
		Edge_1RB_Right	23.19	/	/	24.89	/	/	<=30	Pass
		Outer_Full	26.02	/	/	27.72	/	/	<=30	Pass
		Inner_Full	26.45	/	/	28.15	/	/	<=30	Pass
		Inner_1RB_Left	26.78	/	/	28.48	/	/	<=30	Pass
		Inner_1RB_Right	26.51	/	/	28.21	/	/	<=30	Pass
DFT-s-OFDM QPSK	3715.02	Edge_1RB_Left	23.02	/	/	24.72	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	24.45	/	/	<=30	Pass
		Outer_Full	25.68	/	/	27.38	/	/	<=30	Pass
		Inner_Full	26.72	/	/	28.42	/	/	<=30	Pass
		Inner_1RB_Left	26.50	/	/	28.20	/	/	<=30	Pass
		Inner_1RB_Right	26.28	/	/	27.98	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.81	/	/	24.51	/	/	<=30	Pass
		Edge_1RB_Right	23.45	/	/	25.15	/	/	<=30	Pass
		Outer_Full	25.73	/	/	27.43	/	/	<=30	Pass
		Inner_Full	26.65	/	/	28.35	/	/	<=30	Pass
		Inner_1RB_Left	26.12	/	/	27.82	/	/	<=30	Pass
		Inner_1RB_Right	26.94	/	/	28.64	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	23.20	/	/	24.90	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	24.67	/	/	<=30	Pass
		Outer_Full	25.62	/	/	27.32	/	/	<=30	Pass
		Inner_Full	26.43	/	/	28.13	/	/	<=30	Pass
		Inner_1RB_Left	26.75	/	/	28.45	/	/	<=30	Pass
		Inner_1RB_Right	26.42	/	/	28.12	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.02	Edge_1RB_Left	22.90	/	/	24.60	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	24.18	/	/	<=30	Pass
		Outer_Full	24.73	/	/	26.43	/	/	<=30	Pass
		Inner_Full	25.77	/	/	27.47	/	/	<=30	Pass
		Inner_1RB_Left	25.41	/	/	27.11	/	/	<=30	Pass
		Inner_1RB_Right	25.11	/	/	26.81	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.56	/	/	24.26	/	/	<=30	Pass
		Edge_1RB_Right	23.47	/	/	25.17	/	/	<=30	Pass
		Outer_Full	24.71	/	/	26.41	/	/	<=30	Pass
		Inner_Full	25.64	/	/	27.34	/	/	<=30	Pass
		Inner_1RB_Left	25.00	/	/	26.70	/	/	<=30	Pass
		Inner_1RB_Right	25.80	/	/	27.50	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	23.28	/	/	24.98	/	/	<=30	Pass
		Edge_1RB_Right	22.89	/	/	24.59	/	/	<=30	Pass
		Outer_Full	24.56	/	/	26.26	/	/	<=30	Pass
		Inner_Full	25.47	/	/	27.17	/	/	<=30	Pass
		Inner_1RB_Left	25.62	/	/	27.32	/	/	<=30	Pass
		Inner_1RB_Right	25.22	/	/	26.92	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3715.02	Edge_1RB_Left	23.06	/	/	24.76	/	/	<=30	Pass
		Edge_1RB_Right	22.78	/	/	24.48	/	/	<=30	Pass

		Outer_Full	24.29	/	/	25.99	/	/	<=30	Pass
		Inner_Full	24.34	/	/	26.04	/	/	<=30	Pass
		Inner_1RB_Left	24.13	/	/	25.83	/	/	<=30	Pass
		Inner_1RB_Right	23.92	/	/	25.62	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.87	/	/	24.57	/	/	<=30	Pass
		Edge_1RB_Right	23.54	/	/	25.24	/	/	<=30	Pass
		Outer_Full	24.21	/	/	25.91	/	/	<=30	Pass
		Inner_Full	24.19	/	/	25.89	/	/	<=30	Pass
		Inner_1RB_Left	23.68	/	/	25.38	/	/	<=30	Pass
		Inner_1RB_Right	24.31	/	/	26.01	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	23.22	/	/	24.92	/	/	<=30	Pass
		Edge_1RB_Right	22.85	/	/	24.55	/	/	<=30	Pass
		Outer_Full	24.07	/	/	25.77	/	/	<=30	Pass
		Inner_Full	23.98	/	/	25.68	/	/	<=30	Pass
		Inner_1RB_Left	24.34	/	/	26.04	/	/	<=30	Pass
		Inner_1RB_Right	23.86	/	/	25.56	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3715.02	Edge_1RB_Left	22.01	/	/	23.71	/	/	<=30	Pass
		Edge_1RB_Right	21.73	/	/	23.43	/	/	<=30	Pass
		Outer_Full	22.09	/	/	23.79	/	/	<=30	Pass
		Inner_Full	22.31	/	/	24.01	/	/	<=30	Pass
		Inner_1RB_Left	22.07	/	/	23.77	/	/	<=30	Pass
		Inner_1RB_Right	21.79	/	/	23.49	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.67	/	/	23.37	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	23.98	/	/	<=30	Pass
		Outer_Full	22.23	/	/	23.93	/	/	<=30	Pass
		Inner_Full	22.13	/	/	23.83	/	/	<=30	Pass
		Inner_1RB_Left	21.74	/	/	23.44	/	/	<=30	Pass
		Inner_1RB_Right	22.20	/	/	23.90	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	22.18	/	/	23.88	/	/	<=30	Pass
		Edge_1RB_Right	21.95	/	/	23.65	/	/	<=30	Pass
		Outer_Full	21.99	/	/	23.69	/	/	<=30	Pass
		Inner_Full	21.99	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Left	22.32	/	/	24.02	/	/	<=30	Pass
		Inner_1RB_Right	21.96	/	/	23.66	/	/	<=30	Pass
CP-OFDM QPSK	3715.02	Edge_1RB_Left	23.09	/	/	24.79	/	/	<=30	Pass
		Edge_1RB_Right	22.92	/	/	24.62	/	/	<=30	Pass
		Outer_Full	23.63	/	/	25.33	/	/	<=30	Pass
		Inner_Full	25.26	/	/	26.96	/	/	<=30	Pass
		Inner_1RB_Left	25.18	/	/	26.88	/	/	<=30	Pass
		Inner_1RB_Right	24.86	/	/	26.56	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.74	/	/	24.44	/	/	<=30	Pass
		Edge_1RB_Right	23.46	/	/	25.16	/	/	<=30	Pass
		Outer_Full	23.65	/	/	25.35	/	/	<=30	Pass
		Inner_Full	25.19	/	/	26.89	/	/	<=30	Pass
		Inner_1RB_Left	24.76	/	/	26.46	/	/	<=30	Pass
		Inner_1RB_Right	25.37	/	/	27.07	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	23.29	/	/	24.99	/	/	<=30	Pass
		Edge_1RB_Right	22.92	/	/	24.62	/	/	<=30	Pass
		Outer_Full	23.53	/	/	25.23	/	/	<=30	Pass
		Inner_Full	24.92	/	/	26.62	/	/	<=30	Pass
		Inner_1RB_Left	25.29	/	/	26.99	/	/	<=30	Pass
		Inner_1RB_Right	24.92	/	/	26.62	/	/	<=30	Pass
CP-OFDM 16 QAM	3715.02	Edge_1RB_Left	22.96	/	/	24.66	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	24.41	/	/	<=30	Pass
		Outer_Full	23.66	/	/	25.36	/	/	<=30	Pass
		Inner_Full	24.74	/	/	26.44	/	/	<=30	Pass
		Inner_1RB_Left	24.38	/	/	26.08	/	/	<=30	Pass
		Inner_1RB_Right	24.06	/	/	25.76	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.64	/	/	24.34	/	/	<=30	Pass

		Edge_1RB_Right	23.24	/	/	24.94	/	/	<=30	Pass
		Outer_Full	23.67	/	/	25.37	/	/	<=30	Pass
		Inner_Full	24.57	/	/	26.27	/	/	<=30	Pass
		Inner_1RB_Left	24.05	/	/	25.75	/	/	<=30	Pass
		Inner_1RB_Right	24.59	/	/	26.29	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	23.19	/	/	24.89	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	24.61	/	/	<=30	Pass
		Outer_Full	23.50	/	/	25.20	/	/	<=30	Pass
		Inner_Full	24.50	/	/	26.20	/	/	<=30	Pass
		Inner_1RB_Left	24.60	/	/	26.30	/	/	<=30	Pass
	Inner_1RB_Right	24.25	/	/	25.95	/	/	<=30	Pass	
CP-OFDM 64 QAM	3715.02	Edge_1RB_Left	23.10	/	/	24.80	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	24.51	/	/	<=30	Pass
		Outer_Full	23.17	/	/	24.87	/	/	<=30	Pass
		Inner_Full	23.28	/	/	24.98	/	/	<=30	Pass
		Inner_1RB_Left	23.24	/	/	24.94	/	/	<=30	Pass
		Inner_1RB_Right	22.98	/	/	24.68	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.81	/	/	24.51	/	/	<=30	Pass
		Edge_1RB_Right	23.51	/	/	25.21	/	/	<=30	Pass
		Outer_Full	23.17	/	/	24.87	/	/	<=30	Pass
		Inner_Full	23.19	/	/	24.89	/	/	<=30	Pass
		Inner_1RB_Left	22.97	/	/	24.67	/	/	<=30	Pass
		Inner_1RB_Right	23.37	/	/	25.07	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	23.34	/	/	25.04	/	/	<=30	Pass
		Edge_1RB_Right	23.15	/	/	24.85	/	/	<=30	Pass
		Outer_Full	23.05	/	/	24.75	/	/	<=30	Pass
		Inner_Full	22.95	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Left	23.42	/	/	25.12	/	/	<=30	Pass
		Inner_1RB_Right	22.85	/	/	24.55	/	/	<=30	Pass
CP-OFDM 256 QAM	3715.02	Edge_1RB_Left	20.13	/	/	21.83	/	/	<=30	Pass
		Edge_1RB_Right	19.84	/	/	21.54	/	/	<=30	Pass
		Outer_Full	20.34	/	/	22.04	/	/	<=30	Pass
		Inner_Full	20.38	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Left	20.28	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Right	19.88	/	/	21.58	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.76	/	/	21.46	/	/	<=30	Pass
		Edge_1RB_Right	20.60	/	/	22.30	/	/	<=30	Pass
		Outer_Full	20.28	/	/	21.98	/	/	<=30	Pass
		Inner_Full	20.30	/	/	22.00	/	/	<=30	Pass
		Inner_1RB_Left	19.85	/	/	21.55	/	/	<=30	Pass
		Inner_1RB_Right	20.68	/	/	22.38	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	20.35	/	/	22.05	/	/	<=30	Pass
		Edge_1RB_Right	20.00	/	/	21.70	/	/	<=30	Pass
		Outer_Full	20.05	/	/	21.75	/	/	<=30	Pass
Inner_Full		19.95	/	/	21.65	/	/	<=30	Pass	
Inner_1RB_Left		20.43	/	/	22.13	/	/	<=30	Pass	
	Inner_1RB_Right	20.04	/	/	21.74	/	/	<=30	Pass	
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; 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
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3720	Edge_1RB_Left	23.13	/	/	24.83	/	/	<=30	Pass
		Edge_1RB_Right	22.80	/	/	24.50	/	/	<=30	Pass
		Outer_Full	26.13	/	/	27.83	/	/	<=30	Pass

		Inner_Full	26.58	/	/	28.28	/	/	<=30	Pass
		Inner_1RB_Left	26.70	/	/	28.40	/	/	<=30	Pass
		Inner_1RB_Right	26.36	/	/	28.06	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.92	/	/	24.62	/	/	<=30	Pass
		Edge_1RB_Right	23.45	/	/	25.15	/	/	<=30	Pass
		Outer_Full	26.21	/	/	27.91	/	/	<=30	Pass
		Inner_Full	26.69	/	/	28.39	/	/	<=30	Pass
		Inner_1RB_Left	26.26	/	/	27.96	/	/	<=30	Pass
		Inner_1RB_Right	26.88	/	/	28.58	/	/	<=30	Pass
	3780	Edge_1RB_Left	23.42	/	/	25.12	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	24.64	/	/	<=30	Pass
		Outer_Full	26.11	/	/	27.81	/	/	<=30	Pass
		Inner_Full	26.46	/	/	28.16	/	/	<=30	Pass
		Inner_1RB_Left	26.88	/	/	28.58	/	/	<=30	Pass
		Inner_1RB_Right	26.48	/	/	28.18	/	/	<=30	Pass
DFT-s-OFDM QPSK	3720	Edge_1RB_Left	23.16	/	/	24.86	/	/	<=30	Pass
		Edge_1RB_Right	22.84	/	/	24.54	/	/	<=30	Pass
		Outer_Full	25.57	/	/	27.27	/	/	<=30	Pass
		Inner_Full	26.54	/	/	28.24	/	/	<=30	Pass
		Inner_1RB_Left	26.60	/	/	28.30	/	/	<=30	Pass
		Inner_1RB_Right	26.30	/	/	28.00	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.78	/	/	24.48	/	/	<=30	Pass
		Edge_1RB_Right	23.38	/	/	25.08	/	/	<=30	Pass
		Outer_Full	25.63	/	/	27.33	/	/	<=30	Pass
		Inner_Full	26.63	/	/	28.33	/	/	<=30	Pass
		Inner_1RB_Left	26.28	/	/	27.98	/	/	<=30	Pass
		Inner_1RB_Right	26.86	/	/	28.56	/	/	<=30	Pass
	3780	Edge_1RB_Left	23.41	/	/	25.11	/	/	<=30	Pass
		Edge_1RB_Right	22.95	/	/	24.65	/	/	<=30	Pass
		Outer_Full	25.57	/	/	27.27	/	/	<=30	Pass
		Inner_Full	26.51	/	/	28.21	/	/	<=30	Pass
		Inner_1RB_Left	26.92	/	/	28.62	/	/	<=30	Pass
		Inner_1RB_Right	26.39	/	/	28.09	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Edge_1RB_Left	23.04	/	/	24.74	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	24.47	/	/	<=30	Pass
		Outer_Full	24.56	/	/	26.26	/	/	<=30	Pass
		Inner_Full	25.63	/	/	27.33	/	/	<=30	Pass
		Inner_1RB_Left	25.43	/	/	27.13	/	/	<=30	Pass
		Inner_1RB_Right	25.20	/	/	26.90	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.83	/	/	24.53	/	/	<=30	Pass
		Edge_1RB_Right	23.34	/	/	25.04	/	/	<=30	Pass
		Outer_Full	24.68	/	/	26.38	/	/	<=30	Pass
		Inner_Full	25.67	/	/	27.37	/	/	<=30	Pass
		Inner_1RB_Left	25.04	/	/	26.74	/	/	<=30	Pass
		Inner_1RB_Right	25.80	/	/	27.50	/	/	<=30	Pass
	3780	Edge_1RB_Left	23.33	/	/	25.03	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	24.49	/	/	<=30	Pass
		Outer_Full	24.52	/	/	26.22	/	/	<=30	Pass
		Inner_Full	25.51	/	/	27.21	/	/	<=30	Pass
		Inner_1RB_Left	25.90	/	/	27.60	/	/	<=30	Pass
		Inner_1RB_Right	25.36	/	/	27.06	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Edge_1RB_Left	23.22	/	/	24.92	/	/	<=30	Pass
		Edge_1RB_Right	22.85	/	/	24.55	/	/	<=30	Pass
		Outer_Full	24.20	/	/	25.90	/	/	<=30	Pass
		Inner_Full	24.12	/	/	25.82	/	/	<=30	Pass
		Inner_1RB_Left	24.25	/	/	25.95	/	/	<=30	Pass
		Inner_1RB_Right	23.84	/	/	25.54	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.94	/	/	24.64	/	/	<=30	Pass
		Edge_1RB_Right	23.40	/	/	25.10	/	/	<=30	Pass

		Outer_Full	24.23	/	/	25.93	/	/	<=30	Pass
		Inner_Full	24.20	/	/	25.90	/	/	<=30	Pass
		Inner_1RB_Left	23.84	/	/	25.54	/	/	<=30	Pass
		Inner_1RB_Right	24.39	/	/	26.09	/	/	<=30	Pass
	3780	Edge_1RB_Left	23.39	/	/	25.09	/	/	<=30	Pass
		Edge_1RB_Right	23.06	/	/	24.76	/	/	<=30	Pass
		Outer_Full	24.15	/	/	25.85	/	/	<=30	Pass
		Inner_Full	24.07	/	/	25.77	/	/	<=30	Pass
		Inner_1RB_Left	24.52	/	/	26.22	/	/	<=30	Pass
		Inner_1RB_Right	24.03	/	/	25.73	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3720	Edge_1RB_Left	22.10	/	/	23.80	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	23.40	/	/	<=30	Pass
		Outer_Full	22.13	/	/	23.83	/	/	<=30	Pass
		Inner_Full	22.20	/	/	23.90	/	/	<=30	Pass
		Inner_1RB_Left	22.13	/	/	23.83	/	/	<=30	Pass
		Inner_1RB_Right	21.90	/	/	23.60	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.78	/	/	23.48	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	24.07	/	/	<=30	Pass
		Outer_Full	22.20	/	/	23.90	/	/	<=30	Pass
		Inner_Full	22.14	/	/	23.84	/	/	<=30	Pass
		Inner_1RB_Left	21.79	/	/	23.49	/	/	<=30	Pass
		Inner_1RB_Right	22.39	/	/	24.09	/	/	<=30	Pass
	3780	Edge_1RB_Left	22.61	/	/	24.31	/	/	<=30	Pass
		Edge_1RB_Right	21.99	/	/	23.69	/	/	<=30	Pass
		Outer_Full	22.21	/	/	23.91	/	/	<=30	Pass
		Inner_Full	22.16	/	/	23.86	/	/	<=30	Pass
		Inner_1RB_Left	22.51	/	/	24.21	/	/	<=30	Pass
		Inner_1RB_Right	22.12	/	/	23.82	/	/	<=30	Pass
CP-OFDM QPSK	3720	Edge_1RB_Left	23.26	/	/	24.96	/	/	<=30	Pass
		Edge_1RB_Right	23.02	/	/	24.72	/	/	<=30	Pass
		Outer_Full	23.59	/	/	25.29	/	/	<=30	Pass
		Inner_Full	25.16	/	/	26.86	/	/	<=30	Pass
		Inner_1RB_Left	25.21	/	/	26.91	/	/	<=30	Pass
		Inner_1RB_Right	24.85	/	/	26.55	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.89	/	/	24.59	/	/	<=30	Pass
		Edge_1RB_Right	23.57	/	/	25.27	/	/	<=30	Pass
		Outer_Full	23.65	/	/	25.35	/	/	<=30	Pass
		Inner_Full	25.18	/	/	26.88	/	/	<=30	Pass
		Inner_1RB_Left	24.79	/	/	26.49	/	/	<=30	Pass
		Inner_1RB_Right	25.35	/	/	27.05	/	/	<=30	Pass
	3780	Edge_1RB_Left	23.55	/	/	25.25	/	/	<=30	Pass
		Edge_1RB_Right	23.16	/	/	24.86	/	/	<=30	Pass
		Outer_Full	23.62	/	/	25.32	/	/	<=30	Pass
		Inner_Full	25.03	/	/	26.73	/	/	<=30	Pass
		Inner_1RB_Left	25.48	/	/	27.18	/	/	<=30	Pass
		Inner_1RB_Right	25.13	/	/	26.83	/	/	<=30	Pass
CP-OFDM 16 QAM	3720	Edge_1RB_Left	23.05	/	/	24.75	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	24.43	/	/	<=30	Pass
		Outer_Full	23.62	/	/	25.32	/	/	<=30	Pass
		Inner_Full	24.63	/	/	26.33	/	/	<=30	Pass
		Inner_1RB_Left	24.53	/	/	26.23	/	/	<=30	Pass
		Inner_1RB_Right	24.22	/	/	25.92	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.71	/	/	24.41	/	/	<=30	Pass
		Edge_1RB_Right	23.30	/	/	25.00	/	/	<=30	Pass
		Outer_Full	23.75	/	/	25.45	/	/	<=30	Pass
		Inner_Full	24.59	/	/	26.29	/	/	<=30	Pass
		Inner_1RB_Left	24.04	/	/	25.74	/	/	<=30	Pass
		Inner_1RB_Right	24.78	/	/	26.48	/	/	<=30	Pass
	3780	Edge_1RB_Left	23.39	/	/	25.09	/	/	<=30	Pass

		Edge 1RB Right	22.92	/	/	24.62	/	/	<=30	Pass
		Outer_Full	23.55	/	/	25.25	/	/	<=30	Pass
		Inner_Full	24.57	/	/	26.27	/	/	<=30	Pass
		Inner_1RB_Left	24.90	/	/	26.60	/	/	<=30	Pass
		Inner_1RB_Right	24.30	/	/	26.00	/	/	<=30	Pass
CP-OFDM 64 QAM	3720	Edge 1RB Left	23.28	/	/	24.98	/	/	<=30	Pass
		Edge 1RB Right	22.93	/	/	24.63	/	/	<=30	Pass
		Outer_Full	23.08	/	/	24.78	/	/	<=30	Pass
		Inner_Full	23.15	/	/	24.85	/	/	<=30	Pass
		Inner_1RB Left	23.13	/	/	24.83	/	/	<=30	Pass
		Inner_1RB Right	22.88	/	/	24.58	/	/	<=30	Pass
		Edge 1RB Left	22.89	/	/	24.59	/	/	<=30	Pass
	3750	Edge 1RB Right	23.51	/	/	25.21	/	/	<=30	Pass
		Outer_Full	23.08	/	/	24.78	/	/	<=30	Pass
		Inner_Full	23.13	/	/	24.83	/	/	<=30	Pass
		Inner_1RB Left	22.78	/	/	24.48	/	/	<=30	Pass
		Inner_1RB Right	23.52	/	/	25.22	/	/	<=30	Pass
		Edge 1RB Left	23.40	/	/	25.10	/	/	<=30	Pass
	3780	Edge 1RB Right	23.10	/	/	24.80	/	/	<=30	Pass
		Outer_Full	23.11	/	/	24.81	/	/	<=30	Pass
		Inner_Full	23.01	/	/	24.71	/	/	<=30	Pass
		Inner_1RB Left	23.58	/	/	25.28	/	/	<=30	Pass
		Inner_1RB Right	23.08	/	/	24.78	/	/	<=30	Pass
		Edge 1RB Left	20.33	/	/	22.03	/	/	<=30	Pass
	CP-OFDM 256 QAM	3720	Edge 1RB Right	19.93	/	/	21.63	/	/	<=30
Outer_Full			20.11	/	/	21.81	/	/	<=30	Pass
Inner_Full			20.28	/	/	21.98	/	/	<=30	Pass
Inner_1RB Left			20.17	/	/	21.87	/	/	<=30	Pass
Inner_1RB Right			19.99	/	/	21.69	/	/	<=30	Pass
Edge 1RB Left			19.74	/	/	21.44	/	/	<=30	Pass
3750		Edge 1RB Right	20.39	/	/	22.09	/	/	<=30	Pass
		Outer_Full	20.20	/	/	21.90	/	/	<=30	Pass
		Inner_Full	20.29	/	/	21.99	/	/	<=30	Pass
		Inner_1RB Left	19.82	/	/	21.52	/	/	<=30	Pass
		Inner_1RB Right	20.59	/	/	22.29	/	/	<=30	Pass
		Edge 1RB Left	20.50	/	/	22.20	/	/	<=30	Pass
3780		Edge 1RB Right	20.23	/	/	21.93	/	/	<=30	Pass
		Outer_Full	20.01	/	/	21.71	/	/	<=30	Pass
		Inner_Full	20.15	/	/	21.85	/	/	<=30	Pass
	Inner_1RB Left	20.54	/	/	22.24	/	/	<=30	Pass	
	Inner_1RB Right	19.94	/	/	21.64	/	/	<=30	Pass	
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30k_SISO_50MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3725.01	Edge 1RB Left	22.84	/	/	24.54	/	/	<=30	Pass
		Edge 1RB Right	22.84	/	/	24.54	/	/	<=30	Pass
		Outer Full	25.80	/	/	27.50	/	/	<=30	Pass
		Inner Full	26.28	/	/	27.98	/	/	<=30	Pass
		Inner 1RB Left	26.23	/	/	27.93	/	/	<=30	Pass
		Inner 1RB Right	26.28	/	/	27.98	/	/	<=30	Pass
	3750	Edge 1RB Left	22.64	/	/	24.34	/	/	<=30	Pass
		Edge 1RB Right	23.08	/	/	24.78	/	/	<=30	Pass
		Outer Full	26.05	/	/	27.75	/	/	<=30	Pass

		Inner_Full	26.46	/	/	28.16	/	/	<=30	Pass
		Inner_1RB_Left	26.17	/	/	27.87	/	/	<=30	Pass
		Inner_1RB_Right	26.53	/	/	28.23	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	23.05	/	/	24.75	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	24.51	/	/	<=30	Pass
		Outer_Full	26.06	/	/	27.76	/	/	<=30	Pass
		Inner_Full	26.50	/	/	28.20	/	/	<=30	Pass
		Inner_1RB_Left	26.51	/	/	28.21	/	/	<=30	Pass
		Inner_1RB_Right	26.22	/	/	27.92	/	/	<=30	Pass
DFT-s-OFDM QPSK	3725.01	Edge_1RB_Left	22.73	/	/	24.43	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	24.53	/	/	<=30	Pass
		Outer_Full	25.24	/	/	26.94	/	/	<=30	Pass
		Inner_Full	26.22	/	/	27.92	/	/	<=30	Pass
		Inner_1RB_Left	26.20	/	/	27.90	/	/	<=30	Pass
		Inner_1RB_Right	26.24	/	/	27.94	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.67	/	/	24.37	/	/	<=30	Pass
		Edge_1RB_Right	23.06	/	/	24.76	/	/	<=30	Pass
		Outer_Full	25.54	/	/	27.24	/	/	<=30	Pass
		Inner_Full	26.52	/	/	28.22	/	/	<=30	Pass
		Inner_1RB_Left	26.15	/	/	27.85	/	/	<=30	Pass
		Inner_1RB_Right	26.55	/	/	28.25	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	23.01	/	/	24.71	/	/	<=30	Pass
		Edge_1RB_Right	22.88	/	/	24.58	/	/	<=30	Pass
		Outer_Full	25.64	/	/	27.34	/	/	<=30	Pass
		Inner_Full	26.51	/	/	28.21	/	/	<=30	Pass
		Inner_1RB_Left	26.55	/	/	28.25	/	/	<=30	Pass
		Inner_1RB_Right	26.16	/	/	27.86	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3725.01	Edge_1RB_Left	22.67	/	/	24.37	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	24.35	/	/	<=30	Pass
		Outer_Full	24.33	/	/	26.03	/	/	<=30	Pass
		Inner_Full	25.29	/	/	26.99	/	/	<=30	Pass
		Inner_1RB_Left	25.16	/	/	26.86	/	/	<=30	Pass
		Inner_1RB_Right	25.11	/	/	26.81	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.52	/	/	24.22	/	/	<=30	Pass
		Edge_1RB_Right	23.02	/	/	24.72	/	/	<=30	Pass
		Outer_Full	24.49	/	/	26.19	/	/	<=30	Pass
		Inner_Full	25.56	/	/	27.26	/	/	<=30	Pass
		Inner_1RB_Left	25.05	/	/	26.75	/	/	<=30	Pass
		Inner_1RB_Right	25.50	/	/	27.20	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	22.93	/	/	24.63	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	24.37	/	/	<=30	Pass
		Outer_Full	24.53	/	/	26.23	/	/	<=30	Pass
		Inner_Full	25.68	/	/	27.38	/	/	<=30	Pass
		Inner_1RB_Left	25.40	/	/	27.10	/	/	<=30	Pass
		Inner_1RB_Right	25.14	/	/	26.84	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3725.01	Edge_1RB_Left	22.92	/	/	24.62	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	24.57	/	/	<=30	Pass
		Outer_Full	23.80	/	/	25.50	/	/	<=30	Pass
		Inner_Full	23.74	/	/	25.44	/	/	<=30	Pass
		Inner_1RB_Left	23.82	/	/	25.52	/	/	<=30	Pass
		Inner_1RB_Right	23.73	/	/	25.43	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.82	/	/	24.52	/	/	<=30	Pass
		Edge_1RB_Right	23.22	/	/	24.92	/	/	<=30	Pass
		Outer_Full	24.00	/	/	25.70	/	/	<=30	Pass
		Inner_Full	24.01	/	/	25.71	/	/	<=30	Pass
		Inner_1RB_Left	23.72	/	/	25.42	/	/	<=30	Pass
		Inner_1RB_Right	24.12	/	/	25.82	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	23.10	/	/	24.80	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	24.47	/	/	<=30	Pass

		Outer_Full	24.08	/	/	25.78	/	/	<=30	Pass
		Inner_Full	24.22	/	/	25.92	/	/	<=30	Pass
		Inner_1RB_Left	24.14	/	/	25.84	/	/	<=30	Pass
		Inner_1RB_Right	23.84	/	/	25.54	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3725.01	Edge_1RB_Left	21.82	/	/	23.52	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	23.40	/	/	<=30	Pass
		Outer_Full	21.82	/	/	23.52	/	/	<=30	Pass
		Inner_Full	21.75	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Left	21.80	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Right	21.92	/	/	23.62	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.82	/	/	23.52	/	/	<=30	Pass
		Edge_1RB_Right	22.12	/	/	23.82	/	/	<=30	Pass
		Outer_Full	22.14	/	/	23.84	/	/	<=30	Pass
		Inner_Full	21.99	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Left	21.71	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Right	22.14	/	/	23.84	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	21.99	/	/	23.69	/	/	<=30	Pass
		Edge_1RB_Right	21.86	/	/	23.56	/	/	<=30	Pass
		Outer_Full	21.99	/	/	23.69	/	/	<=30	Pass
		Inner_Full	22.16	/	/	23.86	/	/	<=30	Pass
		Inner_1RB_Left	21.98	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Right	21.76	/	/	23.46	/	/	<=30	Pass
CP-OFDM QPSK	3725.01	Edge_1RB_Left	22.79	/	/	24.49	/	/	<=30	Pass
		Edge_1RB_Right	22.92	/	/	24.62	/	/	<=30	Pass
		Outer_Full	23.38	/	/	25.08	/	/	<=30	Pass
		Inner_Full	24.78	/	/	26.48	/	/	<=30	Pass
		Inner_1RB_Left	24.82	/	/	26.52	/	/	<=30	Pass
		Inner_1RB_Right	24.79	/	/	26.49	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.73	/	/	24.43	/	/	<=30	Pass
		Edge_1RB_Right	23.13	/	/	24.83	/	/	<=30	Pass
		Outer_Full	23.62	/	/	25.32	/	/	<=30	Pass
		Inner_Full	25.00	/	/	26.70	/	/	<=30	Pass
		Inner_1RB_Left	24.66	/	/	26.36	/	/	<=30	Pass
		Inner_1RB_Right	24.94	/	/	26.64	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	23.09	/	/	24.79	/	/	<=30	Pass
		Edge_1RB_Right	22.86	/	/	24.56	/	/	<=30	Pass
		Outer_Full	23.61	/	/	25.31	/	/	<=30	Pass
		Inner_Full	25.08	/	/	26.78	/	/	<=30	Pass
		Inner_1RB_Left	25.13	/	/	26.83	/	/	<=30	Pass
		Inner_1RB_Right	24.83	/	/	26.53	/	/	<=30	Pass
CP-OFDM 16 QAM	3725.01	Edge_1RB_Left	22.81	/	/	24.51	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	24.35	/	/	<=30	Pass
		Outer_Full	23.50	/	/	25.20	/	/	<=30	Pass
		Inner_Full	24.30	/	/	26.00	/	/	<=30	Pass
		Inner_1RB_Left	24.19	/	/	25.89	/	/	<=30	Pass
		Inner_1RB_Right	24.24	/	/	25.94	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.45	/	/	24.15	/	/	<=30	Pass
		Edge_1RB_Right	22.82	/	/	24.52	/	/	<=30	Pass
		Outer_Full	23.46	/	/	25.16	/	/	<=30	Pass
		Inner_Full	24.48	/	/	26.18	/	/	<=30	Pass
		Inner_1RB_Left	24.03	/	/	25.73	/	/	<=30	Pass
		Inner_1RB_Right	24.34	/	/	26.04	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	22.94	/	/	24.64	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	24.37	/	/	<=30	Pass
		Outer_Full	23.59	/	/	25.29	/	/	<=30	Pass
		Inner_Full	24.65	/	/	26.35	/	/	<=30	Pass
		Inner_1RB_Left	24.54	/	/	26.24	/	/	<=30	Pass
		Inner_1RB_Right	24.07	/	/	25.77	/	/	<=30	Pass
CP-OFDM 64 QAM	3725.01	Edge_1RB_Left	22.91	/	/	24.61	/	/	<=30	Pass

		Edge 1RB Right	22.81	/	/	24.51	/	/	<=30	Pass
		Outer_Full	22.88	/	/	24.58	/	/	<=30	Pass
		Inner_Full	22.81	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Left	22.89	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Right	22.90	/	/	24.60	/	/	<=30	Pass
	3750	Edge 1RB Left	22.74	/	/	24.44	/	/	<=30	Pass
		Edge 1RB Right	23.08	/	/	24.78	/	/	<=30	Pass
		Outer_Full	22.89	/	/	24.59	/	/	<=30	Pass
		Inner_Full	23.01	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Left	22.86	/	/	24.56	/	/	<=30	Pass
	3774.99	Inner_1RB_Right	23.02	/	/	24.72	/	/	<=30	Pass
		Edge 1RB Left	23.11	/	/	24.81	/	/	<=30	Pass
		Edge 1RB Right	22.87	/	/	24.57	/	/	<=30	Pass
		Outer_Full	23.01	/	/	24.71	/	/	<=30	Pass
		Inner_Full	23.20	/	/	24.90	/	/	<=30	Pass
CP-OFDM 256 QAM	3725.01	Inner_1RB_Left	23.21	/	/	24.91	/	/	<=30	Pass
		Inner_1RB_Right	22.88	/	/	24.58	/	/	<=30	Pass
		Edge 1RB Left	19.79	/	/	21.49	/	/	<=30	Pass
		Edge 1RB Right	19.78	/	/	21.48	/	/	<=30	Pass
		Outer_Full	19.80	/	/	21.50	/	/	<=30	Pass
		Inner_Full	19.86	/	/	21.56	/	/	<=30	Pass
	3750	Inner_1RB_Left	19.78	/	/	21.48	/	/	<=30	Pass
		Inner_1RB_Right	19.91	/	/	21.61	/	/	<=30	Pass
		Edge 1RB Left	19.84	/	/	21.54	/	/	<=30	Pass
		Edge 1RB Right	20.06	/	/	21.76	/	/	<=30	Pass
		Outer_Full	19.92	/	/	21.62	/	/	<=30	Pass
		Inner_Full	20.05	/	/	21.75	/	/	<=30	Pass
	3774.99	Inner_1RB_Left	19.77	/	/	21.47	/	/	<=30	Pass
		Inner_1RB_Right	20.08	/	/	21.78	/	/	<=30	Pass
		Edge 1RB Left	20.13	/	/	21.83	/	/	<=30	Pass
		Edge 1RB Right	19.95	/	/	21.65	/	/	<=30	Pass
		Outer_Full	20.06	/	/	21.76	/	/	<=30	Pass
		Inner_Full	20.16	/	/	21.86	/	/	<=30	Pass
		Inner_1RB_Left	20.14	/	/	21.84	/	/	<=30	Pass
		Inner_1RB_Right	19.93	/	/	21.63	/	/	<=30	Pass
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi;										
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
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3730.02	Edge 1RB Left	22.87	/	/	24.57	/	/	<=30	Pass
		Edge 1RB Right	23.19	/	/	24.89	/	/	<=30	Pass
		Outer Full	25.98	/	/	27.68	/	/	<=30	Pass
		Inner Full	26.29	/	/	27.99	/	/	<=30	Pass
		Inner 1RB Left	26.26	/	/	27.96	/	/	<=30	Pass
		Inner 1RB Right	26.64	/	/	28.34	/	/	<=30	Pass
	3750	Edge 1RB Left	22.86	/	/	24.56	/	/	<=30	Pass
		Edge 1RB Right	22.88	/	/	24.58	/	/	<=30	Pass
		Outer Full	26.09	/	/	27.79	/	/	<=30	Pass
		Inner Full	26.45	/	/	28.15	/	/	<=30	Pass
		Inner 1RB Left	26.28	/	/	27.98	/	/	<=30	Pass
		Inner 1RB Right	26.32	/	/	28.02	/	/	<=30	Pass
	3769.98	Edge 1RB Left	22.45	/	/	24.15	/	/	<=30	Pass
		Edge 1RB Right	22.84	/	/	24.54	/	/	<=30	Pass
		Outer Full	25.92	/	/	27.62	/	/	<=30	Pass

		Inner_Full	26.54	/	/	28.24	/	/	<=30	Pass
		Inner_1RB_Left	25.99	/	/	27.69	/	/	<=30	Pass
		Inner_1RB_Right	26.22	/	/	27.92	/	/	<=30	Pass
DFT-s-OFDM QPSK	3730.02	Edge_1RB_Left	22.75	/	/	24.45	/	/	<=30	Pass
		Edge_1RB_Right	23.17	/	/	24.87	/	/	<=30	Pass
		Outer_Full	25.40	/	/	27.10	/	/	<=30	Pass
		Inner_Full	26.26	/	/	27.96	/	/	<=30	Pass
		Inner_1RB_Left	26.19	/	/	27.89	/	/	<=30	Pass
		Inner_1RB_Right	26.67	/	/	28.37	/	/	<=30	Pass
		Edge_1RB_Left	22.78	/	/	24.48	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	24.67	/	/	<=30	Pass
	3750	Outer_Full	25.41	/	/	27.11	/	/	<=30	Pass
		Inner_Full	26.47	/	/	28.17	/	/	<=30	Pass
		Inner_1RB_Left	26.22	/	/	27.92	/	/	<=30	Pass
		Inner_1RB_Right	26.34	/	/	28.04	/	/	<=30	Pass
		Edge_1RB_Left	22.46	/	/	24.16	/	/	<=30	Pass
		Edge_1RB_Right	22.80	/	/	24.50	/	/	<=30	Pass
	3769.98	Outer_Full	25.45	/	/	27.15	/	/	<=30	Pass
		Inner_Full	26.61	/	/	28.31	/	/	<=30	Pass
		Inner_1RB_Left	26.01	/	/	27.71	/	/	<=30	Pass
		Inner_1RB_Right	26.20	/	/	27.90	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3730.02	Edge_1RB_Left	22.61	/	/	24.31	/	/	<=30	Pass
		Edge_1RB_Right	23.13	/	/	24.83	/	/	<=30	Pass
		Outer_Full	24.45	/	/	26.15	/	/	<=30	Pass
		Inner_Full	25.31	/	/	27.01	/	/	<=30	Pass
		Inner_1RB_Left	25.01	/	/	26.71	/	/	<=30	Pass
		Inner_1RB_Right	25.54	/	/	27.24	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.56	/	/	24.26	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	24.49	/	/	<=30	Pass
		Outer_Full	24.48	/	/	26.18	/	/	<=30	Pass
		Inner_Full	25.56	/	/	27.26	/	/	<=30	Pass
		Inner_1RB_Left	25.26	/	/	26.96	/	/	<=30	Pass
		Inner_1RB_Right	25.30	/	/	27.00	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	22.34	/	/	24.04	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	24.29	/	/	<=30	Pass
		Outer_Full	24.38	/	/	26.08	/	/	<=30	Pass
		Inner_Full	25.60	/	/	27.30	/	/	<=30	Pass
		Inner_1RB_Left	24.88	/	/	26.58	/	/	<=30	Pass
		Inner_1RB_Right	25.18	/	/	26.88	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3730.02	Edge_1RB_Left	22.75	/	/	24.45	/	/	<=30	Pass
		Edge_1RB_Right	23.16	/	/	24.86	/	/	<=30	Pass
		Outer_Full	24.03	/	/	25.73	/	/	<=30	Pass
		Inner_Full	23.75	/	/	25.45	/	/	<=30	Pass
		Inner_1RB_Left	23.78	/	/	25.48	/	/	<=30	Pass
		Inner_1RB_Right	24.28	/	/	25.98	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.82	/	/	24.52	/	/	<=30	Pass
		Edge_1RB_Right	22.88	/	/	24.58	/	/	<=30	Pass
		Outer_Full	24.01	/	/	25.71	/	/	<=30	Pass
		Inner_Full	24.07	/	/	25.77	/	/	<=30	Pass
		Inner_1RB_Left	23.82	/	/	25.52	/	/	<=30	Pass
		Inner_1RB_Right	23.87	/	/	25.57	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	22.65	/	/	24.35	/	/	<=30	Pass
		Edge_1RB_Right	22.92	/	/	24.62	/	/	<=30	Pass
		Outer_Full	24.04	/	/	25.74	/	/	<=30	Pass
		Inner_Full	24.13	/	/	25.83	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	25.22	/	/	<=30	Pass
		Inner_1RB_Right	23.71	/	/	25.41	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3730.02	Edge_1RB_Left	21.75	/	/	23.45	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	23.97	/	/	<=30	Pass

		Outer_Full	21.93	/	/	23.63	/	/	<=30	Pass
		Inner_Full	21.79	/	/	23.49	/	/	<=30	Pass
		Inner_1RB_Left	21.78	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Right	22.21	/	/	23.91	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.87	/	/	23.57	/	/	<=30	Pass
		Edge_1RB_Right	21.87	/	/	23.57	/	/	<=30	Pass
		Outer_Full	22.01	/	/	23.71	/	/	<=30	Pass
		Inner_Full	21.95	/	/	23.65	/	/	<=30	Pass
		Inner_1RB_Left	21.83	/	/	23.53	/	/	<=30	Pass
		Inner_1RB_Right	21.84	/	/	23.54	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	21.62	/	/	23.32	/	/	<=30	Pass
		Edge_1RB_Right	21.83	/	/	23.53	/	/	<=30	Pass
		Outer_Full	22.05	/	/	23.75	/	/	<=30	Pass
		Inner_Full	22.11	/	/	23.81	/	/	<=30	Pass
		Inner_1RB_Left	21.50	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Right	21.76	/	/	23.46	/	/	<=30	Pass
CP-OFDM QPSK	3730.02	Edge_1RB_Left	22.77	/	/	24.47	/	/	<=30	Pass
		Edge_1RB_Right	23.23	/	/	24.93	/	/	<=30	Pass
		Outer_Full	23.43	/	/	25.13	/	/	<=30	Pass
		Inner_Full	24.79	/	/	26.49	/	/	<=30	Pass
		Inner_1RB_Left	24.77	/	/	26.47	/	/	<=30	Pass
		Inner_1RB_Right	25.21	/	/	26.91	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.92	/	/	24.62	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	24.57	/	/	<=30	Pass
		Outer_Full	23.49	/	/	25.19	/	/	<=30	Pass
		Inner_Full	25.00	/	/	26.70	/	/	<=30	Pass
		Inner_1RB_Left	24.80	/	/	26.50	/	/	<=30	Pass
		Inner_1RB_Right	24.87	/	/	26.57	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	22.63	/	/	24.33	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	24.53	/	/	<=30	Pass
		Outer_Full	23.53	/	/	25.23	/	/	<=30	Pass
		Inner_Full	25.13	/	/	26.83	/	/	<=30	Pass
		Inner_1RB_Left	24.61	/	/	26.31	/	/	<=30	Pass
		Inner_1RB_Right	24.81	/	/	26.51	/	/	<=30	Pass
CP-OFDM 16 QAM	3730.02	Edge_1RB_Left	22.64	/	/	24.34	/	/	<=30	Pass
		Edge_1RB_Right	23.06	/	/	24.76	/	/	<=30	Pass
		Outer_Full	23.38	/	/	25.08	/	/	<=30	Pass
		Inner_Full	24.31	/	/	26.01	/	/	<=30	Pass
		Inner_1RB_Left	24.17	/	/	25.87	/	/	<=30	Pass
		Inner_1RB_Right	24.61	/	/	26.31	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.61	/	/	24.31	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	24.33	/	/	<=30	Pass
		Outer_Full	23.42	/	/	25.12	/	/	<=30	Pass
		Inner_Full	24.47	/	/	26.17	/	/	<=30	Pass
		Inner_1RB_Left	24.09	/	/	25.79	/	/	<=30	Pass
		Inner_1RB_Right	24.26	/	/	25.96	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	22.43	/	/	24.13	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	24.32	/	/	<=30	Pass
		Outer_Full	23.51	/	/	25.21	/	/	<=30	Pass
		Inner_Full	24.68	/	/	26.38	/	/	<=30	Pass
		Inner_1RB_Left	24.03	/	/	25.73	/	/	<=30	Pass
		Inner_1RB_Right	24.24	/	/	25.94	/	/	<=30	Pass
CP-OFDM 64 QAM	3730.02	Edge_1RB_Left	22.83	/	/	24.53	/	/	<=30	Pass
		Edge_1RB_Right	23.28	/	/	24.98	/	/	<=30	Pass
		Outer_Full	23.01	/	/	24.71	/	/	<=30	Pass
		Inner_Full	22.79	/	/	24.49	/	/	<=30	Pass
		Inner_1RB_Left	22.91	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Right	23.29	/	/	24.99	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.74	/	/	24.44	/	/	<=30	Pass

		Edge 1RB Right	22.77	/	/	24.47	/	/	<=30	Pass
		Outer_Full	22.98	/	/	24.68	/	/	<=30	Pass
		Inner_Full	23.02	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Left	22.76	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Right	22.88	/	/	24.58	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	22.73	/	/	24.43	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	24.40	/	/	<=30	Pass
		Outer_Full	23.04	/	/	24.74	/	/	<=30	Pass
		Inner_Full	23.24	/	/	24.94	/	/	<=30	Pass
		Inner_1RB_Left	22.58	/	/	24.28	/	/	<=30	Pass
		Inner_1RB_Right	22.93	/	/	24.63	/	/	<=30	Pass
	CP-OFDM 256 QAM	3730.02	Edge_1RB_Left	19.81	/	/	21.51	/	/	<=30
Edge_1RB_Right			20.31	/	/	22.01	/	/	<=30	Pass
Outer_Full			20.03	/	/	21.73	/	/	<=30	Pass
Inner_Full			19.96	/	/	21.66	/	/	<=30	Pass
Inner_1RB_Left			19.85	/	/	21.55	/	/	<=30	Pass
Inner_1RB_Right			20.40	/	/	22.10	/	/	<=30	Pass
3750		Edge_1RB_Left	19.85	/	/	21.55	/	/	<=30	Pass
		Edge_1RB_Right	19.91	/	/	21.61	/	/	<=30	Pass
		Outer_Full	19.95	/	/	21.65	/	/	<=30	Pass
		Inner_Full	20.05	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Left	19.94	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Right	19.89	/	/	21.59	/	/	<=30	Pass
3769.98		Edge_1RB_Left	19.68	/	/	21.38	/	/	<=30	Pass
		Edge_1RB_Right	19.93	/	/	21.63	/	/	<=30	Pass
		Outer_Full	20.04	/	/	21.74	/	/	<=30	Pass
		Inner_Full	20.08	/	/	21.78	/	/	<=30	Pass
		Inner_1RB_Left	19.80	/	/	21.50	/	/	<=30	Pass
		Inner_1RB_Right	19.85	/	/	21.55	/	/	<=30	Pass
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; 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
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3735	Edge 1RB Left	22.65	/	/	24.35	/	/	<=30	Pass
		Edge 1RB Right	22.90	/	/	24.60	/	/	<=30	Pass
		Outer Full	25.75	/	/	27.45	/	/	<=30	Pass
		Inner Full	25.98	/	/	27.68	/	/	<=30	Pass
		Inner 1RB Left	26.07	/	/	27.77	/	/	<=30	Pass
		Inner 1RB Right	26.39	/	/	28.09	/	/	<=30	Pass
	3750	Edge 1RB Left	22.95	/	/	24.65	/	/	<=30	Pass
		Edge 1RB Right	22.47	/	/	24.17	/	/	<=30	Pass
		Outer Full	25.85	/	/	27.55	/	/	<=30	Pass
		Inner Full	26.23	/	/	27.93	/	/	<=30	Pass
		Inner 1RB Left	26.38	/	/	28.08	/	/	<=30	Pass
		Inner 1RB Right	25.90	/	/	27.60	/	/	<=30	Pass
	3765	Edge 1RB Left	22.19	/	/	23.89	/	/	<=30	Pass
		Edge 1RB Right	22.45	/	/	24.15	/	/	<=30	Pass
		Outer Full	25.66	/	/	27.36	/	/	<=30	Pass
		Inner Full	26.39	/	/	28.09	/	/	<=30	Pass
		Inner 1RB Left	25.76	/	/	27.46	/	/	<=30	Pass
		Inner 1RB Right	25.88	/	/	27.58	/	/	<=30	Pass
DFT-s-OFDM QPSK	3735	Edge 1RB Left	22.74	/	/	24.44	/	/	<=30	Pass
		Edge 1RB Right	22.96	/	/	24.66	/	/	<=30	Pass
		Outer Full	25.24	/	/	26.94	/	/	<=30	Pass

		Inner_Full	25.97	/	/	27.67	/	/	<=30	Pass
		Inner_1RB_Left	26.10	/	/	27.80	/	/	<=30	Pass
		Inner_1RB_Right	26.29	/	/	27.99	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.80	/	/	24.50	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	24.22	/	/	<=30	Pass
		Outer_Full	25.25	/	/	26.95	/	/	<=30	Pass
		Inner_Full	26.28	/	/	27.98	/	/	<=30	Pass
		Inner_1RB_Left	26.33	/	/	28.03	/	/	<=30	Pass
		Inner_1RB_Right	25.98	/	/	27.68	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.30	/	/	24.00	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	24.12	/	/	<=30	Pass
		Outer_Full	25.26	/	/	26.96	/	/	<=30	Pass
		Inner_Full	26.42	/	/	28.12	/	/	<=30	Pass
		Inner_1RB_Left	25.66	/	/	27.36	/	/	<=30	Pass
		Inner_1RB_Right	25.88	/	/	27.58	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3735	Edge_1RB_Left	22.42	/	/	24.12	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	24.37	/	/	<=30	Pass
		Outer_Full	24.21	/	/	25.91	/	/	<=30	Pass
		Inner_Full	24.89	/	/	26.59	/	/	<=30	Pass
		Inner_1RB_Left	24.90	/	/	26.60	/	/	<=30	Pass
		Inner_1RB_Right	25.20	/	/	26.90	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.79	/	/	24.49	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	24.06	/	/	<=30	Pass
		Outer_Full	24.27	/	/	25.97	/	/	<=30	Pass
		Inner_Full	25.28	/	/	26.98	/	/	<=30	Pass
		Inner_1RB_Left	25.26	/	/	26.96	/	/	<=30	Pass
		Inner_1RB_Right	24.79	/	/	26.49	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.25	/	/	23.95	/	/	<=30	Pass
		Edge_1RB_Right	22.26	/	/	23.96	/	/	<=30	Pass
		Outer_Full	24.15	/	/	25.85	/	/	<=30	Pass
		Inner_Full	25.34	/	/	27.04	/	/	<=30	Pass
		Inner_1RB_Left	24.52	/	/	26.22	/	/	<=30	Pass
		Inner_1RB_Right	24.82	/	/	26.52	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3735	Edge_1RB_Left	22.68	/	/	24.38	/	/	<=30	Pass
		Edge_1RB_Right	22.89	/	/	24.59	/	/	<=30	Pass
		Outer_Full	23.63	/	/	25.33	/	/	<=30	Pass
		Inner_Full	23.42	/	/	25.12	/	/	<=30	Pass
		Inner_1RB_Left	23.63	/	/	25.33	/	/	<=30	Pass
		Inner_1RB_Right	23.74	/	/	25.44	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.96	/	/	24.66	/	/	<=30	Pass
		Edge_1RB_Right	22.49	/	/	24.19	/	/	<=30	Pass
		Outer_Full	23.69	/	/	25.39	/	/	<=30	Pass
		Inner_Full	23.84	/	/	25.54	/	/	<=30	Pass
		Inner_1RB_Left	23.90	/	/	25.60	/	/	<=30	Pass
		Inner_1RB_Right	23.50	/	/	25.20	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.24	/	/	23.94	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	24.24	/	/	<=30	Pass
		Outer_Full	23.65	/	/	25.35	/	/	<=30	Pass
		Inner_Full	23.98	/	/	25.68	/	/	<=30	Pass
		Inner_1RB_Left	23.18	/	/	24.88	/	/	<=30	Pass
		Inner_1RB_Right	23.57	/	/	25.27	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3735	Edge_1RB_Left	21.58	/	/	23.28	/	/	<=30	Pass
		Edge_1RB_Right	21.91	/	/	23.61	/	/	<=30	Pass
		Outer_Full	21.78	/	/	23.48	/	/	<=30	Pass
		Inner_Full	21.54	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Left	21.59	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Right	21.88	/	/	23.58	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.96	/	/	23.66	/	/	<=30	Pass
		Edge_1RB_Right	21.46	/	/	23.16	/	/	<=30	Pass

		Outer_Full	21.85	/	/	23.55	/	/	<=30	Pass
		Inner_Full	21.81	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Left	21.94	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Right	21.45	/	/	23.15	/	/	<=30	Pass
	3765	Edge_1RB_Left	21.36	/	/	23.06	/	/	<=30	Pass
		Edge_1RB_Right	21.56	/	/	23.26	/	/	<=30	Pass
		Outer_Full	21.79	/	/	23.49	/	/	<=30	Pass
		Inner_Full	21.86	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Left	21.25	/	/	22.95	/	/	<=30	Pass
		Inner_1RB_Right	21.61	/	/	23.31	/	/	<=30	Pass
CP-OFDM QPSK	3735	Edge_1RB_Left	22.62	/	/	24.32	/	/	<=30	Pass
		Edge_1RB_Right	22.90	/	/	24.60	/	/	<=30	Pass
		Outer_Full	23.34	/	/	25.04	/	/	<=30	Pass
		Inner_Full	24.45	/	/	26.15	/	/	<=30	Pass
		Inner_1RB_Left	24.57	/	/	26.27	/	/	<=30	Pass
		Inner_1RB_Right	24.79	/	/	26.49	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.12	/	/	24.82	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	24.29	/	/	<=30	Pass
		Outer_Full	23.32	/	/	25.02	/	/	<=30	Pass
		Inner_Full	24.83	/	/	26.53	/	/	<=30	Pass
		Inner_1RB_Left	24.88	/	/	26.58	/	/	<=30	Pass
		Inner_1RB_Right	24.56	/	/	26.26	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.28	/	/	23.98	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	24.23	/	/	<=30	Pass
		Outer_Full	23.20	/	/	24.90	/	/	<=30	Pass
		Inner_Full	24.91	/	/	26.61	/	/	<=30	Pass
		Inner_1RB_Left	24.25	/	/	25.95	/	/	<=30	Pass
		Inner_1RB_Right	24.49	/	/	26.19	/	/	<=30	Pass
CP-OFDM 16 QAM	3735	Edge_1RB_Left	22.51	/	/	24.21	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	24.40	/	/	<=30	Pass
		Outer_Full	23.21	/	/	24.91	/	/	<=30	Pass
		Inner_Full	24.04	/	/	25.74	/	/	<=30	Pass
		Inner_1RB_Left	24.05	/	/	25.75	/	/	<=30	Pass
		Inner_1RB_Right	24.05	/	/	25.75	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.73	/	/	24.43	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	24.10	/	/	<=30	Pass
		Outer_Full	23.29	/	/	24.99	/	/	<=30	Pass
		Inner_Full	24.36	/	/	26.06	/	/	<=30	Pass
		Inner_1RB_Left	24.26	/	/	25.96	/	/	<=30	Pass
		Inner_1RB_Right	23.91	/	/	25.61	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.08	/	/	23.78	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	24.15	/	/	<=30	Pass
		Outer_Full	23.04	/	/	24.74	/	/	<=30	Pass
		Inner_Full	24.41	/	/	26.11	/	/	<=30	Pass
		Inner_1RB_Left	23.60	/	/	25.30	/	/	<=30	Pass
		Inner_1RB_Right	23.94	/	/	25.64	/	/	<=30	Pass
CP-OFDM 64 QAM	3735	Edge_1RB_Left	22.62	/	/	24.32	/	/	<=30	Pass
		Edge_1RB_Right	22.86	/	/	24.56	/	/	<=30	Pass
		Outer_Full	22.68	/	/	24.38	/	/	<=30	Pass
		Inner_Full	22.53	/	/	24.23	/	/	<=30	Pass
		Inner_1RB_Left	22.65	/	/	24.35	/	/	<=30	Pass
		Inner_1RB_Right	23.03	/	/	24.73	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.96	/	/	24.66	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	24.27	/	/	<=30	Pass
		Outer_Full	22.86	/	/	24.56	/	/	<=30	Pass
		Inner_Full	22.94	/	/	24.64	/	/	<=30	Pass
		Inner_1RB_Left	22.76	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Right	22.61	/	/	24.31	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.38	/	/	24.08	/	/	<=30	Pass

		Edge 1RB Right	22.60	/	/	24.30	/	/	<=30	Pass
		Outer_Full	22.72	/	/	24.42	/	/	<=30	Pass
		Inner_Full	22.96	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	22.44	/	/	24.14	/	/	<=30	Pass
		Inner_1RB_Right	22.78	/	/	24.48	/	/	<=30	Pass
CP-OFDM 256 QAM	3735	Edge_1RB_Left	19.76	/	/	21.46	/	/	<=30	Pass
		Edge_1RB_Right	20.04	/	/	21.74	/	/	<=30	Pass
		Outer_Full	19.84	/	/	21.54	/	/	<=30	Pass
		Inner_Full	19.72	/	/	21.42	/	/	<=30	Pass
		Inner_1RB_Left	19.60	/	/	21.30	/	/	<=30	Pass
		Inner_1RB_Right	19.85	/	/	21.55	/	/	<=30	Pass
	3750	Edge_1RB_Left	20.09	/	/	21.79	/	/	<=30	Pass
		Edge_1RB_Right	19.56	/	/	21.26	/	/	<=30	Pass
		Outer_Full	19.80	/	/	21.50	/	/	<=30	Pass
		Inner_Full	19.90	/	/	21.60	/	/	<=30	Pass
		Inner_1RB_Left	19.95	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Right	19.73	/	/	21.43	/	/	<=30	Pass
	3765	Edge_1RB_Left	19.41	/	/	21.11	/	/	<=30	Pass
		Edge_1RB_Right	19.70	/	/	21.40	/	/	<=30	Pass
		Outer_Full	19.73	/	/	21.43	/	/	<=30	Pass
Inner_Full		20.08	/	/	21.78	/	/	<=30	Pass	
Inner_1RB_Left		19.46	/	/	21.16	/	/	<=30	Pass	
		Inner_1RB_Right	19.61	/	/	21.31	/	/	<=30	Pass
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; 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
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3740.01	Edge 1RB Left	22.54	/	/	24.24	/	/	<=30	Pass
		Edge 1RB Right	22.58	/	/	24.28	/	/	<=30	Pass
		Outer Full	25.83	/	/	27.53	/	/	<=30	Pass
		Inner Full	26.19	/	/	27.89	/	/	<=30	Pass
		Inner 1RB Left	26.09	/	/	27.79	/	/	<=30	Pass
	3750	Inner 1RB Right	26.10	/	/	27.80	/	/	<=30	Pass
		Edge 1RB Left	22.95	/	/	24.65	/	/	<=30	Pass
		Edge 1RB Right	22.44	/	/	24.14	/	/	<=30	Pass
		Outer Full	25.76	/	/	27.46	/	/	<=30	Pass
		Inner Full	26.30	/	/	28.00	/	/	<=30	Pass
		Inner 1RB Left	26.41	/	/	28.11	/	/	<=30	Pass
		Inner 1RB Right	25.99	/	/	27.69	/	/	<=30	Pass
	3759.99	Edge 1RB Left	22.67	/	/	24.37	/	/	<=30	Pass
		Edge 1RB Right	22.67	/	/	24.37	/	/	<=30	Pass
		Outer Full	25.75	/	/	27.45	/	/	<=30	Pass
		Inner Full	26.52	/	/	28.22	/	/	<=30	Pass
		Inner 1RB Left	26.17	/	/	27.87	/	/	<=30	Pass
		Inner 1RB Right	26.16	/	/	27.86	/	/	<=30	Pass
DFT-s-OFDM QPSK	3740.01	Edge 1RB Left	22.56	/	/	24.26	/	/	<=30	Pass
		Edge 1RB Right	22.63	/	/	24.33	/	/	<=30	Pass
		Outer Full	25.32	/	/	27.02	/	/	<=30	Pass
		Inner Full	26.13	/	/	27.83	/	/	<=30	Pass
		Inner 1RB Left	26.05	/	/	27.75	/	/	<=30	Pass
		Inner 1RB Right	26.04	/	/	27.74	/	/	<=30	Pass
	3750	Edge 1RB Left	22.87	/	/	24.57	/	/	<=30	Pass
		Edge 1RB Right	22.51	/	/	24.21	/	/	<=30	Pass
		Outer Full	25.25	/	/	26.95	/	/	<=30	Pass

		Inner_Full	26.36	/	/	28.06	/	/	<=30	Pass
		Inner_1RB_Left	26.48	/	/	28.18	/	/	<=30	Pass
		Inner_1RB_Right	25.90	/	/	27.60	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.83	/	/	24.53	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	24.32	/	/	<=30	Pass
		Outer_Full	25.24	/	/	26.94	/	/	<=30	Pass
		Inner_Full	26.49	/	/	28.19	/	/	<=30	Pass
		Inner_1RB_Left	26.10	/	/	27.80	/	/	<=30	Pass
		Inner_1RB_Right	26.17	/	/	27.87	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3740.01	Edge_1RB_Left	22.64	/	/	24.34	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	24.23	/	/	<=30	Pass
		Outer_Full	24.35	/	/	26.05	/	/	<=30	Pass
		Inner_Full	25.15	/	/	26.85	/	/	<=30	Pass
		Inner_1RB_Left	25.01	/	/	26.71	/	/	<=30	Pass
		Inner_1RB_Right	24.94	/	/	26.64	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.85	/	/	24.55	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	24.10	/	/	<=30	Pass
		Outer_Full	24.32	/	/	26.02	/	/	<=30	Pass
		Inner_Full	25.33	/	/	27.03	/	/	<=30	Pass
		Inner_1RB_Left	25.32	/	/	27.02	/	/	<=30	Pass
		Inner_1RB_Right	24.74	/	/	26.44	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.52	/	/	24.22	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	24.10	/	/	<=30	Pass
		Outer_Full	24.33	/	/	26.03	/	/	<=30	Pass
		Inner_Full	25.52	/	/	27.22	/	/	<=30	Pass
		Inner_1RB_Left	24.99	/	/	26.69	/	/	<=30	Pass
		Inner_1RB_Right	25.03	/	/	26.73	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3740.01	Edge_1RB_Left	22.70	/	/	24.40	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	24.43	/	/	<=30	Pass
		Outer_Full	23.75	/	/	25.45	/	/	<=30	Pass
		Inner_Full	23.65	/	/	25.35	/	/	<=30	Pass
		Inner_1RB_Left	23.70	/	/	25.40	/	/	<=30	Pass
		Inner_1RB_Right	23.65	/	/	25.35	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.02	/	/	24.72	/	/	<=30	Pass
		Edge_1RB_Right	22.49	/	/	24.19	/	/	<=30	Pass
		Outer_Full	23.75	/	/	25.45	/	/	<=30	Pass
		Inner_Full	23.88	/	/	25.58	/	/	<=30	Pass
		Inner_1RB_Left	24.05	/	/	25.75	/	/	<=30	Pass
		Inner_1RB_Right	23.55	/	/	25.25	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.88	/	/	24.58	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	24.38	/	/	<=30	Pass
		Outer_Full	23.78	/	/	25.48	/	/	<=30	Pass
		Inner_Full	24.02	/	/	25.72	/	/	<=30	Pass
		Inner_1RB_Left	23.69	/	/	25.39	/	/	<=30	Pass
		Inner_1RB_Right	23.60	/	/	25.30	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3740.01	Edge_1RB_Left	21.47	/	/	23.17	/	/	<=30	Pass
		Edge_1RB_Right	21.65	/	/	23.35	/	/	<=30	Pass
		Outer_Full	21.97	/	/	23.67	/	/	<=30	Pass
		Inner_Full	21.68	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Left	21.74	/	/	23.44	/	/	<=30	Pass
		Inner_1RB_Right	21.68	/	/	23.38	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.06	/	/	23.76	/	/	<=30	Pass
		Edge_1RB_Right	21.59	/	/	23.29	/	/	<=30	Pass
		Outer_Full	21.88	/	/	23.58	/	/	<=30	Pass
		Inner_Full	21.89	/	/	23.59	/	/	<=30	Pass
		Inner_1RB_Left	22.00	/	/	23.70	/	/	<=30	Pass
		Inner_1RB_Right	21.45	/	/	23.15	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	21.72	/	/	23.42	/	/	<=30	Pass
		Edge_1RB_Right	21.64	/	/	23.34	/	/	<=30	Pass

		Outer_Full	21.80	/	/	23.50	/	/	<=30	Pass
		Inner_Full	22.00	/	/	23.70	/	/	<=30	Pass
		Inner_1RB_Left	21.67	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Right	21.63	/	/	23.33	/	/	<=30	Pass
CP-OFDM QPSK	3740.01	Edge_1RB_Left	22.62	/	/	24.32	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	24.35	/	/	<=30	Pass
		Outer_Full	23.43	/	/	25.13	/	/	<=30	Pass
		Inner_Full	24.64	/	/	26.34	/	/	<=30	Pass
		Inner_1RB_Left	24.59	/	/	26.29	/	/	<=30	Pass
		Inner_1RB_Right	24.80	/	/	26.50	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.05	/	/	24.75	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	24.22	/	/	<=30	Pass
		Outer_Full	23.26	/	/	24.96	/	/	<=30	Pass
		Inner_Full	24.81	/	/	26.51	/	/	<=30	Pass
		Inner_1RB_Left	25.01	/	/	26.71	/	/	<=30	Pass
		Inner_1RB_Right	24.48	/	/	26.18	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.81	/	/	24.51	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	24.40	/	/	<=30	Pass
		Outer_Full	23.30	/	/	25.00	/	/	<=30	Pass
		Inner_Full	24.99	/	/	26.69	/	/	<=30	Pass
		Inner_1RB_Left	24.80	/	/	26.50	/	/	<=30	Pass
		Inner_1RB_Right	24.75	/	/	26.45	/	/	<=30	Pass
CP-OFDM 16 QAM	3740.01	Edge_1RB_Left	22.55	/	/	24.25	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	24.30	/	/	<=30	Pass
		Outer_Full	23.36	/	/	25.06	/	/	<=30	Pass
		Inner_Full	24.12	/	/	25.82	/	/	<=30	Pass
		Inner_1RB_Left	24.10	/	/	25.80	/	/	<=30	Pass
		Inner_1RB_Right	24.10	/	/	25.80	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.83	/	/	24.53	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	24.11	/	/	<=30	Pass
		Outer_Full	23.27	/	/	24.97	/	/	<=30	Pass
		Inner_Full	24.36	/	/	26.06	/	/	<=30	Pass
		Inner_1RB_Left	24.44	/	/	26.14	/	/	<=30	Pass
		Inner_1RB_Right	23.81	/	/	25.51	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.56	/	/	24.26	/	/	<=30	Pass
		Edge_1RB_Right	22.49	/	/	24.19	/	/	<=30	Pass
		Outer_Full	23.34	/	/	25.04	/	/	<=30	Pass
		Inner_Full	24.47	/	/	26.17	/	/	<=30	Pass
		Inner_1RB_Left	23.95	/	/	25.65	/	/	<=30	Pass
		Inner_1RB_Right	23.89	/	/	25.59	/	/	<=30	Pass
CP-OFDM 64 QAM	3740.01	Edge_1RB_Left	22.68	/	/	24.38	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	24.44	/	/	<=30	Pass
		Outer_Full	22.85	/	/	24.55	/	/	<=30	Pass
		Inner_Full	22.63	/	/	24.33	/	/	<=30	Pass
		Inner_1RB_Left	22.89	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Right	22.76	/	/	24.46	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.05	/	/	24.75	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	24.14	/	/	<=30	Pass
		Outer_Full	22.71	/	/	24.41	/	/	<=30	Pass
		Inner_Full	22.80	/	/	24.50	/	/	<=30	Pass
		Inner_1RB_Left	23.04	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Right	22.49	/	/	24.19	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.68	/	/	24.38	/	/	<=30	Pass
		Edge_1RB_Right	22.72	/	/	24.42	/	/	<=30	Pass
		Outer_Full	22.78	/	/	24.48	/	/	<=30	Pass
		Inner_Full	22.94	/	/	24.64	/	/	<=30	Pass
		Inner_1RB_Left	22.80	/	/	24.50	/	/	<=30	Pass
		Inner_1RB_Right	22.79	/	/	24.49	/	/	<=30	Pass
CP-OFDM 256 QAM	3740.01	Edge_1RB_Left	19.74	/	/	21.44	/	/	<=30	Pass

		Edge 1RB Right	19.82	/	/	21.52	/	/	<=30	Pass
		Outer_Full	19.86	/	/	21.56	/	/	<=30	Pass
		Inner_Full	19.94	/	/	21.64	/	/	<=30	Pass
		Inner_1RB Left	19.71	/	/	21.41	/	/	<=30	Pass
		Inner_1RB Right	19.79	/	/	21.49	/	/	<=30	Pass
	3750	Edge 1RB Left	20.11	/	/	21.81	/	/	<=30	Pass
		Edge 1RB Right	19.58	/	/	21.28	/	/	<=30	Pass
		Outer_Full	19.89	/	/	21.59	/	/	<=30	Pass
		Inner_Full	19.99	/	/	21.69	/	/	<=30	Pass
		Inner_1RB Left	20.18	/	/	21.88	/	/	<=30	Pass
	3759.99	Inner_1RB Right	19.61	/	/	21.31	/	/	<=30	Pass
		Edge 1RB Left	19.88	/	/	21.58	/	/	<=30	Pass
		Edge 1RB Right	19.69	/	/	21.39	/	/	<=30	Pass
		Outer_Full	19.90	/	/	21.60	/	/	<=30	Pass
		Inner_Full	20.10	/	/	21.80	/	/	<=30	Pass
		Inner_1RB Left	19.82	/	/	21.52	/	/	<=30	Pass
	Inner_1RB Right	19.68	/	/	21.38	/	/	<=30	Pass	
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 30k_SISO_90MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 90MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3745.02	Edge 1RB Left	22.61	/	/	24.31	/	/	<=30	Pass
		Edge 1RB Right	22.59	/	/	24.29	/	/	<=30	Pass
		Outer Full	25.94	/	/	27.64	/	/	<=30	Pass
		Inner Full	26.19	/	/	27.89	/	/	<=30	Pass
		Inner 1RB Left	26.10	/	/	27.80	/	/	<=30	Pass
		Inner 1RB Right	25.95	/	/	27.65	/	/	<=30	Pass
	3750	Edge 1RB Left	22.93	/	/	24.63	/	/	<=30	Pass
		Edge 1RB Right	22.65	/	/	24.35	/	/	<=30	Pass
		Outer Full	25.80	/	/	27.50	/	/	<=30	Pass
		Inner Full	26.34	/	/	28.04	/	/	<=30	Pass
		Inner 1RB Left	26.32	/	/	28.02	/	/	<=30	Pass
		Inner 1RB Right	26.06	/	/	27.76	/	/	<=30	Pass
	3754.98	Edge 1RB Left	22.98	/	/	24.68	/	/	<=30	Pass
		Edge 1RB Right	22.71	/	/	24.41	/	/	<=30	Pass
		Outer Full	25.74	/	/	27.44	/	/	<=30	Pass
		Inner Full	26.45	/	/	28.15	/	/	<=30	Pass
		Inner 1RB Left	26.37	/	/	28.07	/	/	<=30	Pass
DFT-s-OFDM QPSK	3745.02	Inner 1RB Right	26.15	/	/	27.85	/	/	<=30	Pass
		Edge 1RB Left	22.64	/	/	24.34	/	/	<=30	Pass
		Edge 1RB Right	22.49	/	/	24.19	/	/	<=30	Pass
		Outer Full	25.26	/	/	26.96	/	/	<=30	Pass
		Inner Full	26.21	/	/	27.91	/	/	<=30	Pass
		Inner 1RB Left	26.12	/	/	27.82	/	/	<=30	Pass
	3750	Inner 1RB Right	26.01	/	/	27.71	/	/	<=30	Pass
		Edge 1RB Left	22.82	/	/	24.52	/	/	<=30	Pass
		Edge 1RB Right	22.59	/	/	24.29	/	/	<=30	Pass
		Outer Full	25.45	/	/	27.15	/	/	<=30	Pass
		Inner Full	26.32	/	/	28.02	/	/	<=30	Pass
		Inner 1RB Left	26.33	/	/	28.03	/	/	<=30	Pass
	3754.98	Inner 1RB Right	26.06	/	/	27.76	/	/	<=30	Pass
		Edge 1RB Left	22.94	/	/	24.64	/	/	<=30	Pass
		Edge 1RB Right	22.66	/	/	24.36	/	/	<=30	Pass
		Outer Full	25.34	/	/	27.04	/	/	<=30	Pass

		Inner_Full	26.41	/	/	28.11	/	/	<=30	Pass
		Inner_1RB_Left	26.38	/	/	28.08	/	/	<=30	Pass
		Inner_1RB_Right	26.15	/	/	27.85	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3745.02	Edge_1RB_Left	22.57	/	/	24.27	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	24.15	/	/	<=30	Pass
		Outer_Full	24.24	/	/	25.94	/	/	<=30	Pass
		Inner_Full	25.20	/	/	26.90	/	/	<=30	Pass
		Inner_1RB_Left	24.96	/	/	26.66	/	/	<=30	Pass
		Inner_1RB_Right	24.94	/	/	26.64	/	/	<=30	Pass
		Edge_1RB_Left	22.94	/	/	24.64	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	24.29	/	/	<=30	Pass
	3750	Outer_Full	24.36	/	/	26.06	/	/	<=30	Pass
		Inner_Full	25.36	/	/	27.06	/	/	<=30	Pass
		Inner_1RB_Left	25.22	/	/	26.92	/	/	<=30	Pass
		Inner_1RB_Right	24.95	/	/	26.65	/	/	<=30	Pass
		Edge_1RB_Left	22.99	/	/	24.69	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	24.32	/	/	<=30	Pass
	3754.98	Outer_Full	24.33	/	/	26.03	/	/	<=30	Pass
		Inner_Full	25.51	/	/	27.21	/	/	<=30	Pass
		Inner_1RB_Left	25.34	/	/	27.04	/	/	<=30	Pass
		Inner_1RB_Right	24.97	/	/	26.67	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3745.02	Edge_1RB_Left	22.60	/	/	24.30	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	24.28	/	/	<=30	Pass
		Outer_Full	23.71	/	/	25.41	/	/	<=30	Pass
		Inner_Full	23.73	/	/	25.43	/	/	<=30	Pass
		Inner_1RB_Left	23.70	/	/	25.40	/	/	<=30	Pass
		Inner_1RB_Right	23.52	/	/	25.22	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.02	/	/	24.72	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	24.17	/	/	<=30	Pass
		Outer_Full	23.83	/	/	25.53	/	/	<=30	Pass
		Inner_Full	23.86	/	/	25.56	/	/	<=30	Pass
		Inner_1RB_Left	23.96	/	/	25.66	/	/	<=30	Pass
		Inner_1RB_Right	23.69	/	/	25.39	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	22.95	/	/	24.65	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	24.35	/	/	<=30	Pass
		Outer_Full	23.85	/	/	25.55	/	/	<=30	Pass
		Inner_Full	24.02	/	/	25.72	/	/	<=30	Pass
		Inner_1RB_Left	24.01	/	/	25.71	/	/	<=30	Pass
		Inner_1RB_Right	23.71	/	/	25.41	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3745.02	Edge_1RB_Left	21.68	/	/	23.38	/	/	<=30	Pass
		Edge_1RB_Right	21.50	/	/	23.20	/	/	<=30	Pass
		Outer_Full	21.86	/	/	23.56	/	/	<=30	Pass
		Inner_Full	21.74	/	/	23.44	/	/	<=30	Pass
		Inner_1RB_Left	21.72	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Right	21.59	/	/	23.29	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.83	/	/	23.53	/	/	<=30	Pass
		Edge_1RB_Right	21.59	/	/	23.29	/	/	<=30	Pass
		Outer_Full	21.99	/	/	23.69	/	/	<=30	Pass
		Inner_Full	21.97	/	/	23.67	/	/	<=30	Pass
		Inner_1RB_Left	21.88	/	/	23.58	/	/	<=30	Pass
		Inner_1RB_Right	21.65	/	/	23.35	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	21.98	/	/	23.68	/	/	<=30	Pass
		Edge_1RB_Right	21.59	/	/	23.29	/	/	<=30	Pass
		Outer_Full	21.84	/	/	23.54	/	/	<=30	Pass
		Inner_Full	22.01	/	/	23.71	/	/	<=30	Pass
		Inner_1RB_Left	21.99	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Right	21.64	/	/	23.34	/	/	<=30	Pass
CP-OFDM QPSK	3745.02	Edge_1RB_Left	22.70	/	/	24.40	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	24.35	/	/	<=30	Pass

		Outer_Full	23.29	/	/	24.99	/	/	<=30	Pass
		Inner_Full	24.73	/	/	26.43	/	/	<=30	Pass
		Inner_1RB_Left	24.67	/	/	26.37	/	/	<=30	Pass
		Inner_1RB_Right	24.59	/	/	26.29	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.95	/	/	24.65	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	24.24	/	/	<=30	Pass
		Outer_Full	23.38	/	/	25.08	/	/	<=30	Pass
		Inner_Full	24.88	/	/	26.58	/	/	<=30	Pass
		Inner_1RB_Left	24.84	/	/	26.54	/	/	<=30	Pass
		Inner_1RB_Right	24.55	/	/	26.25	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	23.10	/	/	24.80	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	24.43	/	/	<=30	Pass
		Outer_Full	23.31	/	/	25.01	/	/	<=30	Pass
		Inner_Full	24.96	/	/	26.66	/	/	<=30	Pass
		Inner_1RB_Left	25.04	/	/	26.74	/	/	<=30	Pass
CP-OFDM 16 QAM	3745.02	Inner_1RB_Right	24.74	/	/	26.44	/	/	<=30	Pass
		Edge_1RB_Left	22.52	/	/	24.22	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	24.13	/	/	<=30	Pass
		Outer_Full	23.33	/	/	25.03	/	/	<=30	Pass
		Inner_Full	24.20	/	/	25.90	/	/	<=30	Pass
		Inner_1RB_Left	24.22	/	/	25.92	/	/	<=30	Pass
	3750	Inner_1RB_Right	23.90	/	/	25.60	/	/	<=30	Pass
		Edge_1RB_Left	22.81	/	/	24.51	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	24.30	/	/	<=30	Pass
		Outer_Full	23.30	/	/	25.00	/	/	<=30	Pass
		Inner_Full	24.33	/	/	26.03	/	/	<=30	Pass
	3754.98	Inner_1RB_Left	24.28	/	/	25.98	/	/	<=30	Pass
		Inner_1RB_Right	23.91	/	/	25.61	/	/	<=30	Pass
		Edge_1RB_Left	22.99	/	/	24.69	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	24.30	/	/	<=30	Pass
		Outer_Full	23.38	/	/	25.08	/	/	<=30	Pass
CP-OFDM 64 QAM	3745.02	Inner_Full	24.50	/	/	26.20	/	/	<=30	Pass
		Inner_1RB_Left	24.33	/	/	26.03	/	/	<=30	Pass
		Inner_1RB_Right	24.04	/	/	25.74	/	/	<=30	Pass
		Edge_1RB_Left	22.59	/	/	24.29	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	24.30	/	/	<=30	Pass
		Outer_Full	22.84	/	/	24.54	/	/	<=30	Pass
	3750	Inner_Full	22.70	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Left	22.70	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Right	22.64	/	/	24.34	/	/	<=30	Pass
		Edge_1RB_Left	22.75	/	/	24.45	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	24.39	/	/	<=30	Pass
	3754.98	Outer_Full	22.85	/	/	24.55	/	/	<=30	Pass
		Inner_Full	22.80	/	/	24.50	/	/	<=30	Pass
		Inner_1RB_Left	22.93	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Right	22.51	/	/	24.21	/	/	<=30	Pass
		Edge_1RB_Left	23.01	/	/	24.71	/	/	<=30	Pass
CP-OFDM 256 QAM	3745.02	Edge_1RB_Right	22.75	/	/	24.45	/	/	<=30	Pass
		Outer_Full	22.86	/	/	24.56	/	/	<=30	Pass
		Inner_Full	23.00	/	/	24.70	/	/	<=30	Pass
		Inner_1RB_Left	23.12	/	/	24.82	/	/	<=30	Pass
		Inner_1RB_Right	22.87	/	/	24.57	/	/	<=30	Pass
		Edge_1RB_Left	19.87	/	/	21.57	/	/	<=30	Pass
	3750	Edge_1RB_Right	19.77	/	/	21.47	/	/	<=30	Pass
		Outer_Full	19.78	/	/	21.48	/	/	<=30	Pass
		Inner_Full	19.84	/	/	21.54	/	/	<=30	Pass
		Inner_1RB_Left	19.83	/	/	21.53	/	/	<=30	Pass
		Inner_1RB_Right	19.71	/	/	21.41	/	/	<=30	Pass
		Edge_1RB_Left	19.99	/	/	21.69	/	/	<=30	Pass

		Edge_1RB_Right	19.69	/	/	21.39	/	/	<=30	Pass
		Outer_Full	19.85	/	/	21.55	/	/	<=30	Pass
		Inner_Full	19.87	/	/	21.57	/	/	<=30	Pass
		Inner_1RB_Left	20.02	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Right	19.62	/	/	21.32	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	20.00	/	/	21.70	/	/	<=30	Pass
		Edge_1RB_Right	19.75	/	/	21.45	/	/	<=30	Pass
		Outer_Full	19.84	/	/	21.54	/	/	<=30	Pass
		Inner_Full	20.08	/	/	21.78	/	/	<=30	Pass
		Inner_1RB_Left	20.07	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Right	19.90	/	/	21.60	/	/	<=30	Pass
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; 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
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Edge 1RB Left	22.54	/	/	24.24	/	/	<=30	Pass
		Edge 1RB Right	22.73	/	/	24.43	/	/	<=30	Pass
		Outer Full	25.80	/	/	27.50	/	/	<=30	Pass
		Inner Full	26.28	/	/	27.98	/	/	<=30	Pass
		Inner 1RB Left	26.11	/	/	27.81	/	/	<=30	Pass
	3750	Inner 1RB Right	26.14	/	/	27.84	/	/	<=30	Pass
		Edge 1RB Left	22.74	/	/	24.44	/	/	<=30	Pass
		Edge 1RB Right	22.79	/	/	24.49	/	/	<=30	Pass
		Outer Full	25.86	/	/	27.56	/	/	<=30	Pass
		Inner Full	26.34	/	/	28.04	/	/	<=30	Pass
	3750	Inner 1RB Left	26.14	/	/	27.84	/	/	<=30	Pass
		Inner 1RB Right	26.12	/	/	27.82	/	/	<=30	Pass
		Edge 1RB Left	22.66	/	/	24.36	/	/	<=30	Pass
		Edge 1RB Right	22.70	/	/	24.40	/	/	<=30	Pass
		Outer Full	25.90	/	/	27.60	/	/	<=30	Pass
		Inner Full	26.35	/	/	28.05	/	/	<=30	Pass
		Inner 1RB Left	26.16	/	/	27.86	/	/	<=30	Pass
		Inner 1RB Right	26.22	/	/	27.92	/	/	<=30	Pass
DFT-s-OFDM QPSK	3750	Edge 1RB Left	22.55	/	/	24.25	/	/	<=30	Pass
		Edge 1RB Right	22.73	/	/	24.43	/	/	<=30	Pass
		Outer Full	25.33	/	/	27.03	/	/	<=30	Pass
		Inner Full	26.30	/	/	28.00	/	/	<=30	Pass
		Inner 1RB Left	26.07	/	/	27.77	/	/	<=30	Pass
	3750	Inner 1RB Right	26.19	/	/	27.89	/	/	<=30	Pass
		Edge 1RB Left	22.57	/	/	24.27	/	/	<=30	Pass
		Edge 1RB Right	22.67	/	/	24.37	/	/	<=30	Pass
		Outer Full	25.33	/	/	27.03	/	/	<=30	Pass
		Inner Full	26.28	/	/	27.98	/	/	<=30	Pass
		Inner 1RB Left	26.12	/	/	27.82	/	/	<=30	Pass
		Inner 1RB Right	26.18	/	/	27.88	/	/	<=30	Pass
	3750	Edge 1RB Left	22.65	/	/	24.35	/	/	<=30	Pass
		Edge 1RB Right	22.65	/	/	24.35	/	/	<=30	Pass
		Outer Full	25.29	/	/	26.99	/	/	<=30	Pass
		Inner Full	26.29	/	/	27.99	/	/	<=30	Pass
		Inner 1RB Left	26.05	/	/	27.75	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Inner 1RB Right	26.14	/	/	27.84	/	/	<=30	Pass
		Edge 1RB Left	22.55	/	/	24.25	/	/	<=30	Pass
		Edge 1RB Right	22.66	/	/	24.36	/	/	<=30	Pass
		Outer Full	24.27	/	/	25.97	/	/	<=30	Pass

		Inner_Full	25.34	/	/	27.04	/	/	<=30	Pass
		Inner_1RB_Left	24.98	/	/	26.68	/	/	<=30	Pass
		Inner_1RB_Right	25.05	/	/	26.75	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.59	/	/	24.29	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	24.38	/	/	<=30	Pass
		Outer_Full	24.32	/	/	26.02	/	/	<=30	Pass
		Inner_Full	25.41	/	/	27.11	/	/	<=30	Pass
		Inner_1RB_Left	25.00	/	/	26.70	/	/	<=30	Pass
		Inner_1RB_Right	25.04	/	/	26.74	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.57	/	/	24.27	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	24.37	/	/	<=30	Pass
		Outer_Full	24.27	/	/	25.97	/	/	<=30	Pass
		Inner_Full	25.38	/	/	27.08	/	/	<=30	Pass
		Inner_1RB_Left	24.91	/	/	26.61	/	/	<=30	Pass
		Inner_1RB_Right	24.97	/	/	26.67	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Edge_1RB_Left	22.76	/	/	24.46	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	24.45	/	/	<=30	Pass
		Outer_Full	23.82	/	/	25.52	/	/	<=30	Pass
		Inner_Full	23.91	/	/	25.61	/	/	<=30	Pass
		Inner_1RB_Left	23.62	/	/	25.32	/	/	<=30	Pass
		Inner_1RB_Right	23.78	/	/	25.48	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.73	/	/	24.43	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	24.41	/	/	<=30	Pass
		Outer_Full	23.85	/	/	25.55	/	/	<=30	Pass
		Inner_Full	23.91	/	/	25.61	/	/	<=30	Pass
		Inner_1RB_Left	23.69	/	/	25.39	/	/	<=30	Pass
		Inner_1RB_Right	23.77	/	/	25.47	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.69	/	/	24.39	/	/	<=30	Pass
		Edge_1RB_Right	22.98	/	/	24.68	/	/	<=30	Pass
		Outer_Full	23.82	/	/	25.52	/	/	<=30	Pass
		Inner_Full	23.82	/	/	25.52	/	/	<=30	Pass
		Inner_1RB_Left	23.64	/	/	25.34	/	/	<=30	Pass
		Inner_1RB_Right	23.71	/	/	25.41	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Edge_1RB_Left	21.68	/	/	23.38	/	/	<=30	Pass
		Edge_1RB_Right	21.75	/	/	23.45	/	/	<=30	Pass
		Outer_Full	21.86	/	/	23.56	/	/	<=30	Pass
		Inner_Full	21.81	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Left	21.75	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Right	21.68	/	/	23.38	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.57	/	/	23.27	/	/	<=30	Pass
		Edge_1RB_Right	21.71	/	/	23.41	/	/	<=30	Pass
		Outer_Full	21.86	/	/	23.56	/	/	<=30	Pass
		Inner_Full	21.80	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Left	21.69	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Right	21.68	/	/	23.38	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.59	/	/	23.29	/	/	<=30	Pass
		Edge_1RB_Right	21.76	/	/	23.46	/	/	<=30	Pass
		Outer_Full	21.84	/	/	23.54	/	/	<=30	Pass
		Inner_Full	21.84	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Left	21.73	/	/	23.43	/	/	<=30	Pass
		Inner_1RB_Right	21.59	/	/	23.29	/	/	<=30	Pass
CP-OFDM QPSK	3750	Edge_1RB_Left	22.71	/	/	24.41	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	24.49	/	/	<=30	Pass
		Outer_Full	23.32	/	/	25.02	/	/	<=30	Pass
		Inner_Full	24.81	/	/	26.51	/	/	<=30	Pass
		Inner_1RB_Left	24.74	/	/	26.44	/	/	<=30	Pass
		Inner_1RB_Right	24.77	/	/	26.47	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.71	/	/	24.41	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	24.49	/	/	<=30	Pass

		Outer_Full	23.23	/	/	24.93	/	/	<=30	Pass
		Inner_Full	24.82	/	/	26.52	/	/	<=30	Pass
		Inner_1RB_Left	24.75	/	/	26.45	/	/	<=30	Pass
		Inner_1RB_Right	24.75	/	/	26.45	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.68	/	/	24.38	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	24.45	/	/	<=30	Pass
		Outer_Full	23.29	/	/	24.99	/	/	<=30	Pass
		Inner_Full	24.81	/	/	26.51	/	/	<=30	Pass
		Inner_1RB_Left	24.74	/	/	26.44	/	/	<=30	Pass
		Inner_1RB_Right	24.78	/	/	26.48	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Edge_1RB_Left	22.53	/	/	24.23	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	24.32	/	/	<=30	Pass
		Outer_Full	23.36	/	/	25.06	/	/	<=30	Pass
		Inner_Full	24.33	/	/	26.03	/	/	<=30	Pass
		Inner_1RB_Left	24.07	/	/	25.77	/	/	<=30	Pass
		Inner_1RB_Right	24.04	/	/	25.74	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.50	/	/	24.20	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	24.34	/	/	<=30	Pass
		Outer_Full	23.31	/	/	25.01	/	/	<=30	Pass
		Inner_Full	24.36	/	/	26.06	/	/	<=30	Pass
		Inner_1RB_Left	24.00	/	/	25.70	/	/	<=30	Pass
		Inner_1RB_Right	24.09	/	/	25.79	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.51	/	/	24.21	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	24.33	/	/	<=30	Pass
		Outer_Full	23.23	/	/	24.93	/	/	<=30	Pass
		Inner_Full	24.34	/	/	26.04	/	/	<=30	Pass
		Inner_1RB_Left	24.11	/	/	25.81	/	/	<=30	Pass
		Inner_1RB_Right	24.27	/	/	25.97	/	/	<=30	Pass
CP-OFDM 64 QAM	3750	Edge_1RB_Left	22.64	/	/	24.34	/	/	<=30	Pass
		Edge_1RB_Right	22.82	/	/	24.52	/	/	<=30	Pass
		Outer_Full	22.83	/	/	24.53	/	/	<=30	Pass
		Inner_Full	22.91	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Left	22.91	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Right	22.86	/	/	24.56	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.63	/	/	24.33	/	/	<=30	Pass
		Edge_1RB_Right	22.86	/	/	24.56	/	/	<=30	Pass
		Outer_Full	22.82	/	/	24.52	/	/	<=30	Pass
		Inner_Full	22.91	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Left	22.71	/	/	24.41	/	/	<=30	Pass
		Inner_1RB_Right	22.74	/	/	24.44	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.67	/	/	24.37	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	24.41	/	/	<=30	Pass
		Outer_Full	22.84	/	/	24.54	/	/	<=30	Pass
		Inner_Full	22.91	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Left	22.67	/	/	24.37	/	/	<=30	Pass
		Inner_1RB_Right	23.02	/	/	24.72	/	/	<=30	Pass
CP-OFDM 256 QAM	3750	Edge_1RB_Left	19.69	/	/	21.39	/	/	<=30	Pass
		Edge_1RB_Right	19.76	/	/	21.46	/	/	<=30	Pass
		Outer_Full	19.89	/	/	21.59	/	/	<=30	Pass
		Inner_Full	19.82	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Left	19.78	/	/	21.48	/	/	<=30	Pass
		Inner_1RB_Right	19.96	/	/	21.66	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.58	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	19.71	/	/	21.41	/	/	<=30	Pass
		Outer_Full	19.88	/	/	21.58	/	/	<=30	Pass
		Inner_Full	19.95	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Left	19.64	/	/	21.34	/	/	<=30	Pass
		Inner_1RB_Right	19.73	/	/	21.43	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.66	/	/	21.36	/	/	<=30	Pass

		Edge 1RB Right	19.92	/	/	21.62	/	/	<=30	Pass
		Outer Full	19.83	/	/	21.53	/	/	<=30	Pass
		Inner Full	19.95	/	/	21.65	/	/	<=30	Pass
		Inner 1RB Left	19.81	/	/	21.51	/	/	<=30	Pass
		Inner 1RB Right	19.87	/	/	21.57	/	/	<=30	Pass
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.10 30k_MIMO_20MHz_NTNV_EIRP

5G NR n78a SCS=30kHz MIMO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3710.01	Edge 1RB Left	20.25	19.40	22.86	21.95	21.90	24.94	<=30	Pass
		Edge 1RB Right	20.55	19.46	23.05	22.25	21.96	25.12	<=30	Pass
		Outer Full	20.96	19.83	23.44	22.66	22.33	25.51	<=30	Pass
		Inner Full	22.48	21.29	24.94	24.18	23.79	27.00	<=30	Pass
		Inner 1RB Left	22.37	21.38	24.92	24.07	23.88	26.99	<=30	Pass
		Inner 1RB Right	22.47	21.40	24.98	24.17	23.90	27.05	<=30	Pass
	3750	Edge 1RB Left	20.10	19.63	22.88	21.80	22.13	24.98	<=30	Pass
		Edge 1RB Right	20.61	19.60	23.14	22.31	22.10	25.22	<=30	Pass
		Outer Full	20.83	19.95	23.42	22.53	22.45	25.50	<=30	Pass
		Inner Full	22.27	21.42	24.88	23.97	23.92	26.96	<=30	Pass
		Inner 1RB Left	22.02	21.58	24.82	23.72	24.08	26.91	<=30	Pass
		Inner 1RB Right	22.58	21.49	25.08	24.28	23.99	27.15	<=30	Pass
	3789.99	Edge 1RB Left	20.23	19.51	22.90	21.93	22.01	24.98	<=30	Pass
		Edge 1RB Right	20.28	19.34	22.84	21.98	21.84	24.92	<=30	Pass
		Outer Full	20.57	19.81	23.22	22.27	22.31	25.30	<=30	Pass
		Inner Full	21.93	21.24	24.61	23.63	23.74	26.70	<=30	Pass
		Inner 1RB Left	22.23	21.48	24.88	23.93	23.98	26.97	<=30	Pass
		Inner 1RB Right	22.18	21.37	24.81	23.88	23.87	26.89	<=30	Pass
CP-OFDM 16 QAM	3710.01	Edge 1RB Left	20.39	19.55	23.00	22.09	22.05	25.08	<=30	Pass
		Edge 1RB Right	20.50	19.44	23.01	22.20	21.94	25.08	<=30	Pass
		Outer Full	21.03	19.88	23.50	22.73	22.38	25.57	<=30	Pass
		Inner Full	22.11	20.84	24.53	23.81	23.34	26.59	<=30	Pass
		Inner 1RB Left	21.84	20.91	24.41	23.54	23.41	26.49	<=30	Pass
		Inner 1RB Right	22.00	20.92	24.50	23.70	23.42	26.57	<=30	Pass
	3750	Edge 1RB Left	20.07	19.70	22.90	21.77	22.20	25.00	<=30	Pass
		Edge 1RB Right	20.87	19.62	23.30	22.57	22.12	25.36	<=30	Pass
		Outer Full	20.96	20.04	23.53	22.66	22.54	25.61	<=30	Pass
		Inner Full	21.90	21.00	24.48	23.60	23.50	26.56	<=30	Pass
		Inner 1RB Left	21.59	20.97	24.30	23.29	23.47	26.39	<=30	Pass
		Inner 1RB Right	22.12	21.11	24.66	23.82	23.61	26.73	<=30	Pass
	3789.99	Edge 1RB Left	20.14	19.64	22.91	21.84	22.14	25.00	<=30	Pass
		Edge 1RB Right	20.44	19.38	22.96	22.14	21.88	25.02	<=30	Pass
		Outer Full	20.61	19.83	23.25	22.31	22.33	25.33	<=30	Pass
		Inner Full	21.61	20.81	24.24	23.31	23.31	26.32	<=30	Pass
		Inner 1RB Left	21.68	20.96	24.35	23.38	23.46	26.43	<=30	Pass
		Inner 1RB Right	21.86	20.80	24.37	23.56	23.30	26.44	<=30	Pass
CP-OFDM 64 QAM	3710.01	Edge 1RB Left	20.35	19.38	22.90	22.05	21.88	24.98	<=30	Pass
		Edge 1RB Right	20.31	19.41	22.89	22.01	21.91	24.97	<=30	Pass
		Outer Full	20.53	19.37	23.00	22.23	21.87	25.06	<=30	Pass
		Inner Full	20.48	19.22	22.91	22.18	21.72	24.97	<=30	Pass
		Inner 1RB Left	20.20	19.40	22.83	21.90	21.90	24.91	<=30	Pass
		Inner 1RB Right	20.34	19.44	22.92	22.04	21.94	25.00	<=30	Pass
	3750	Edge 1RB Left	20.02	19.50	22.78	21.72	22.00	24.87	<=30	Pass
		Edge 1RB Right	20.69	19.55	23.17	22.39	22.05	25.23	<=30	Pass
		Outer Full	20.38	19.52	22.98	22.08	22.02	25.06	<=30	Pass

		Inner_Full	20.36	19.42	22.93	22.06	21.92	25.00	<=30	Pass
		Inner_1RB_Left	20.03	19.67	22.87	21.73	22.17	24.97	<=30	Pass
		Inner_1RB_Right	20.65	19.67	23.20	22.35	22.17	25.27	<=30	Pass
	3789.99	Edge_1RB_Left	20.12	19.51	22.84	21.82	22.01	24.93	<=30	Pass
		Edge_1RB_Right	20.10	19.44	22.79	21.80	21.94	24.88	<=30	Pass
		Outer_Full	20.08	19.32	22.72	21.78	21.82	24.81	<=30	Pass
		Inner_Full	20.02	19.32	22.69	21.72	21.82	24.78	<=30	Pass
		Inner_1RB_Left	20.08	19.52	22.82	21.78	22.02	24.91	<=30	Pass
		Inner_1RB_Right	20.15	19.46	22.83	21.85	21.96	24.92	<=30	Pass
CP-OFDM 256 QAM	3710.01	Edge_1RB_Left	17.14	16.54	19.86	18.84	19.04	21.95	<=30	Pass
		Edge_1RB_Right	17.35	16.49	19.95	19.05	18.99	22.03	<=30	Pass
		Outer_Full	17.57	16.45	20.06	19.27	18.95	22.12	<=30	Pass
		Inner_Full	17.65	16.28	20.03	19.35	18.78	22.08	<=30	Pass
		Inner_1RB_Left	17.15	16.63	19.90	18.85	19.13	22.00	<=30	Pass
		Inner_1RB_Right	17.32	16.62	19.99	19.02	19.12	22.08	<=30	Pass
	3750	Edge_1RB_Left	17.34	16.52	19.96	19.04	19.02	22.04	<=30	Pass
		Edge_1RB_Right	17.65	16.60	20.17	19.35	19.10	22.24	<=30	Pass
		Outer_Full	17.43	16.57	20.03	19.13	19.07	22.11	<=30	Pass
		Inner_Full	17.37	16.52	19.98	19.07	19.02	22.06	<=30	Pass
		Inner_1RB_Left	17.35	16.46	19.94	19.05	18.96	22.02	<=30	Pass
		Inner_1RB_Right	17.77	16.52	20.20	19.47	19.02	22.26	<=30	Pass
	3789.99	Edge_1RB_Left	17.36	16.41	19.92	19.06	18.91	22.00	<=30	Pass
		Edge_1RB_Right	17.30	16.28	19.83	19.00	18.78	21.90	<=30	Pass
		Outer_Full	17.22	16.43	19.85	18.92	18.93	21.94	<=30	Pass
		Inner_Full	16.98	16.38	19.70	18.68	18.88	21.79	<=30	Pass
		Inner_1RB_Left	17.26	16.42	19.87	18.96	18.92	21.95	<=30	Pass
		Inner_1RB_Right	17.39	16.33	19.90	19.09	18.83	21.97	<=30	Pass
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.1.11 30k_MIMO_30MHz_NTNV_EIRP

5G NR n78a SCS=30kHz MIMO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3715.02	Edge_1RB_Left	20.24	19.38	22.84	21.94	21.88	24.92	<=30	Pass
		Edge_1RB_Right	19.86	19.62	22.75	21.56	22.12	24.86	<=30	Pass
		Outer_Full	20.81	19.88	23.38	22.51	22.38	25.46	<=30	Pass
		Inner_Full	22.32	21.32	24.86	24.02	23.82	26.93	<=30	Pass
		Inner_1RB_Left	22.25	21.47	24.89	23.95	23.97	26.97	<=30	Pass
		Inner_1RB_Right	21.98	21.58	24.79	23.68	24.08	26.89	<=30	Pass
	3750	Edge_1RB_Left	20.14	19.73	22.95	21.84	22.23	25.05	<=30	Pass
		Edge_1RB_Right	20.67	19.70	23.22	22.37	22.20	25.30	<=30	Pass
		Outer_Full	20.80	20.06	23.46	22.50	22.56	25.54	<=30	Pass
		Inner_Full	22.34	21.46	24.93	24.04	23.96	27.01	<=30	Pass
		Inner_1RB_Left	21.93	21.73	24.84	23.63	24.23	26.95	<=30	Pass
		Inner_1RB_Right	22.63	21.60	25.16	24.33	24.10	27.23	<=30	Pass
	3784.98	Edge_1RB_Left	20.63	19.78	23.24	22.33	22.28	25.32	<=30	Pass
		Edge_1RB_Right	20.26	19.55	22.93	21.96	22.05	25.02	<=30	Pass
		Outer_Full	20.75	20.07	23.43	22.45	22.57	25.52	<=30	Pass
		Inner_Full	22.11	21.48	24.82	23.81	23.98	26.91	<=30	Pass
		Inner_1RB_Left	22.60	21.82	25.24	24.30	24.32	27.32	<=30	Pass
		Inner_1RB_Right	22.40	21.48	24.98	24.10	23.98	27.05	<=30	Pass
CP-OFDM 16 QAM	3715.02	Edge_1RB_Left	20.26	19.38	22.85	21.96	21.88	24.93	<=30	Pass
		Edge_1RB_Right	19.82	19.68	22.76	21.52	22.18	24.87	<=30	Pass
		Outer_Full	20.74	19.86	23.33	22.44	22.36	25.41	<=30	Pass
		Inner_Full	21.80	20.80	24.34	23.50	23.30	26.41	<=30	Pass

		Inner_1RB_Left	21.86	20.91	24.42	23.56	23.41	26.50	<=30	Pass
		Inner_1RB_Right	21.36	20.97	24.18	23.06	23.47	26.28	<=30	Pass
	3750	Edge_1RB_Left	19.80	19.62	22.72	21.50	22.12	24.83	<=30	Pass
		Edge_1RB_Right	20.67	19.68	23.21	22.37	22.18	25.29	<=30	Pass
		Outer_Full	20.79	20.05	23.44	22.49	22.55	25.53	<=30	Pass
		Inner_Full	21.86	20.93	24.43	23.56	23.43	26.51	<=30	Pass
		Inner_1RB_Left	21.44	21.19	24.33	23.14	23.69	26.43	<=30	Pass
		Inner_1RB_Right	22.21	21.11	24.71	23.91	23.61	26.77	<=30	Pass
	3784.98	Edge_1RB_Left	20.54	19.81	23.20	22.24	22.31	25.29	<=30	Pass
		Edge_1RB_Right	20.18	19.53	22.88	21.88	22.03	24.97	<=30	Pass
		Outer_Full	20.75	20.10	23.45	22.45	22.60	25.54	<=30	Pass
		Inner_Full	21.55	21.04	24.31	23.25	23.54	26.41	<=30	Pass
		Inner_1RB_Left	22.05	21.45	24.77	23.75	23.95	26.86	<=30	Pass
		Inner_1RB_Right	21.72	21.07	24.42	23.42	23.57	26.51	<=30	Pass
CP-OFDM 64 QAM	3715.02	Edge_1RB_Left	20.06	19.46	22.78	21.76	21.96	24.87	<=30	Pass
		Edge_1RB_Right	20.02	19.51	22.78	21.72	22.01	24.88	<=30	Pass
		Outer_Full	20.23	19.43	22.86	21.93	21.93	24.94	<=30	Pass
		Inner_Full	20.34	19.20	22.82	22.04	21.70	24.88	<=30	Pass
		Inner_1RB_Left	20.13	19.51	22.84	21.83	22.01	24.93	<=30	Pass
		Inner_1RB_Right	19.75	19.62	22.70	21.45	22.12	24.81	<=30	Pass
	3750	Edge_1RB_Left	19.65	19.65	22.66	21.35	22.15	24.78	<=30	Pass
		Edge_1RB_Right	20.74	19.53	23.19	22.44	22.03	25.25	<=30	Pass
		Outer_Full	20.32	19.54	22.96	22.02	22.04	25.04	<=30	Pass
		Inner_Full	20.26	19.44	22.88	21.96	21.94	24.96	<=30	Pass
		Inner_1RB_Left	19.83	19.78	22.82	21.53	22.28	24.93	<=30	Pass
		Inner_1RB_Right	20.57	19.67	23.15	22.27	22.17	25.23	<=30	Pass
	3784.98	Edge_1RB_Left	20.48	19.81	23.17	22.18	22.31	25.26	<=30	Pass
		Edge_1RB_Right	20.35	19.34	22.89	22.05	21.84	24.96	<=30	Pass
		Outer_Full	20.20	19.60	22.92	21.90	22.10	25.01	<=30	Pass
		Inner_Full	20.05	19.43	22.76	21.75	21.93	24.85	<=30	Pass
		Inner_1RB_Left	20.38	19.84	23.13	22.08	22.34	25.22	<=30	Pass
		Inner_1RB_Right	20.10	19.67	22.90	21.80	22.17	25.00	<=30	Pass
CP-OFDM 256 QAM	3715.02	Edge_1RB_Left	17.28	16.35	19.85	18.98	18.85	21.93	<=30	Pass
		Edge_1RB_Right	16.94	16.61	19.79	18.64	19.11	21.89	<=30	Pass
		Outer_Full	17.25	16.38	19.85	18.95	18.88	21.93	<=30	Pass
		Inner_Full	17.28	16.37	19.86	18.98	18.87	21.94	<=30	Pass
		Inner_1RB_Left	17.10	16.62	19.87	18.80	19.12	21.97	<=30	Pass
		Inner_1RB_Right	16.73	16.72	19.73	18.43	19.22	21.85	<=30	Pass
	3750	Edge_1RB_Left	16.81	16.78	19.81	18.51	19.28	21.92	<=30	Pass
		Edge_1RB_Right	17.77	16.53	20.21	19.47	19.03	22.27	<=30	Pass
		Outer_Full	17.43	16.61	20.05	19.13	19.11	22.13	<=30	Pass
		Inner_Full	17.43	16.53	20.01	19.13	19.03	22.09	<=30	Pass
		Inner_1RB_Left	17.03	16.66	19.86	18.73	19.16	21.96	<=30	Pass
		Inner_1RB_Right	17.88	16.60	20.30	19.58	19.10	22.36	<=30	Pass
	3784.98	Edge_1RB_Left	17.65	16.71	20.22	19.35	19.21	22.29	<=30	Pass
		Edge_1RB_Right	17.18	16.75	19.98	18.88	19.25	22.08	<=30	Pass
		Outer_Full	17.21	16.57	19.91	18.91	19.07	22.00	<=30	Pass
		Inner_Full	17.08	16.57	19.84	18.78	19.07	21.94	<=30	Pass
		Inner_1RB_Left	17.53	17.04	20.30	19.23	19.54	22.40	<=30	Pass
		Inner_1RB_Right	17.22	16.65	19.96	18.92	19.15	22.05	<=30	Pass
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.1.12 30k_MIMO_40MHz_NTNV_EIRP

5G NR n78a SCS=30kHz MIMO 40MHz NTNV					
Modulation	Frequency	RB	Conducted Power(dBm)	EIRP(dBm)	Verdict

	(MHz)	Allocation	Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3720	Edge 1RB Left	20.47	19.61	23.07	22.17	22.11	25.15	<=30	Pass
		Edge 1RB Right	20.27	19.72	23.02	21.97	22.22	25.11	<=30	Pass
		Outer Full	20.71	20.09	23.42	22.41	22.59	25.51	<=30	Pass
		Inner Full	22.21	21.47	24.87	23.91	23.97	26.95	<=30	Pass
		Inner 1RB Left	22.38	21.66	25.05	24.08	24.16	27.13	<=30	Pass
		Inner 1RB Right	22.06	21.78	24.93	23.76	24.28	27.04	<=30	Pass
	3750	Edge 1RB Left	20.01	19.80	22.92	21.71	22.30	25.03	<=30	Pass
		Edge 1RB Right	20.71	19.81	23.29	22.41	22.31	25.37	<=30	Pass
		Outer Full	20.80	20.11	23.48	22.50	22.61	25.57	<=30	Pass
		Inner Full	22.36	21.70	25.05	24.06	24.20	27.14	<=30	Pass
		Inner 1RB Left	21.96	21.96	24.97	23.66	24.46	27.09	<=30	Pass
		Inner 1RB Right	22.69	21.68	25.22	24.39	24.18	27.30	<=30	Pass
	3780	Edge 1RB Left	20.79	19.73	23.30	22.49	22.23	25.37	<=30	Pass
		Edge 1RB Right	20.30	19.66	23.00	22.00	22.16	25.09	<=30	Pass
		Outer Full	20.82	20.03	23.45	22.52	22.53	25.54	<=30	Pass
		Inner Full	22.18	21.32	24.78	23.88	23.82	26.86	<=30	Pass
		Inner 1RB Left	22.85	21.76	25.35	24.55	24.26	27.42	<=30	Pass
		Inner 1RB Right	22.25	21.55	24.92	23.95	24.05	27.01	<=30	Pass
CP-OFDM 16 QAM	3720	Edge 1RB Left	20.50	19.61	23.09	22.20	22.11	25.17	<=30	Pass
		Edge 1RB Right	20.24	19.72	23.00	21.94	22.22	25.09	<=30	Pass
		Outer Full	20.74	20.04	23.41	22.44	22.54	25.50	<=30	Pass
		Inner Full	21.84	21.06	24.48	23.54	23.56	26.56	<=30	Pass
		Inner 1RB Left	21.90	21.29	24.62	23.60	23.79	26.71	<=30	Pass
		Inner 1RB Right	21.58	21.28	24.44	23.28	23.78	26.55	<=30	Pass
	3750	Edge 1RB Left	20.02	19.82	22.93	21.72	22.32	25.04	<=30	Pass
		Edge 1RB Right	20.62	19.88	23.28	22.32	22.38	25.36	<=30	Pass
		Outer Full	20.81	20.11	23.48	22.51	22.61	25.57	<=30	Pass
		Inner Full	21.81	20.92	24.40	23.51	23.42	26.48	<=30	Pass
		Inner 1RB Left	21.48	21.53	24.51	23.18	24.03	26.64	<=30	Pass
		Inner 1RB Right	22.20	21.49	24.87	23.90	23.99	26.96	<=30	Pass
	3780	Edge 1RB Left	20.73	19.88	23.34	22.43	22.38	25.42	<=30	Pass
		Edge 1RB Right	20.29	19.53	22.94	21.99	22.03	25.02	<=30	Pass
		Outer Full	20.76	20.07	23.44	22.46	22.57	25.53	<=30	Pass
		Inner Full	21.71	21.19	24.47	23.41	23.69	26.56	<=30	Pass
		Inner 1RB Left	22.41	21.23	24.87	24.11	23.73	26.93	<=30	Pass
		Inner 1RB Right	21.82	21.01	24.45	23.52	23.51	26.53	<=30	Pass
CP-OFDM 64 QAM	3720	Edge 1RB Left	20.24	19.65	22.97	21.94	22.15	25.06	<=30	Pass
		Edge 1RB Right	20.05	19.60	22.84	21.75	22.10	24.94	<=30	Pass
		Outer Full	20.23	19.56	22.91	21.93	22.06	25.01	<=30	Pass
		Inner Full	20.28	19.50	22.92	21.98	22.00	25.00	<=30	Pass
		Inner 1RB Left	20.33	19.70	23.04	22.03	22.20	25.13	<=30	Pass
		Inner 1RB Right	19.96	19.81	22.90	21.66	22.31	25.01	<=30	Pass
	3750	Edge 1RB Left	20.05	19.66	22.87	21.75	22.16	24.97	<=30	Pass
		Edge 1RB Right	20.72	19.62	23.21	22.42	22.12	25.28	<=30	Pass
		Outer Full	20.36	19.57	23.00	22.06	22.07	25.08	<=30	Pass
		Inner Full	20.36	19.55	22.99	22.06	22.05	25.07	<=30	Pass
		Inner 1RB Left	19.82	19.92	22.88	21.52	22.42	25.00	<=30	Pass
		Inner 1RB Right	20.55	19.94	23.27	22.25	22.44	25.36	<=30	Pass
	3780	Edge 1RB Left	20.81	19.68	23.29	22.51	22.18	25.36	<=30	Pass
		Edge 1RB Right	20.30	19.58	22.96	22.00	22.08	25.05	<=30	Pass
		Outer Full	20.28	19.53	22.93	21.98	22.03	25.02	<=30	Pass
		Inner Full	20.19	19.55	22.90	21.89	22.05	24.98	<=30	Pass
		Inner 1RB Left	20.87	19.64	23.31	22.57	22.14	25.37	<=30	Pass
		Inner 1RB Right	20.36	19.51	22.97	22.06	22.01	25.05	<=30	Pass
CP-OFDM 256 QAM	3720	Edge 1RB Left	17.20	16.77	20.00	18.90	19.27	22.10	<=30	Pass
		Edge 1RB Right	17.18	16.67	19.94	18.88	19.17	22.04	<=30	Pass
		Outer Full	17.24	16.63	19.95	18.94	19.13	22.05	<=30	Pass
		Inner Full	17.29	16.57	19.96	18.99	19.07	22.04	<=30	Pass

		Inner_1RB_Left	17.57	16.58	20.11	19.27	19.08	22.19	<=30	Pass
		Inner_1RB_Right	17.18	16.65	19.94	18.88	19.15	22.03	<=30	Pass
	3750	Edge_1RB_Left	16.96	16.97	19.97	18.66	19.47	22.09	<=30	Pass
		Edge_1RB_Right	17.81	16.67	20.29	19.51	19.17	22.35	<=30	Pass
		Outer_Full	17.35	16.70	20.05	19.05	19.20	22.14	<=30	Pass
		Inner_Full	17.36	16.55	19.98	19.06	19.05	22.07	<=30	Pass
		Inner_1RB_Left	17.04	16.72	19.90	18.74	19.22	22.00	<=30	Pass
		Inner_1RB_Right	17.87	16.73	20.35	19.57	19.23	22.41	<=30	Pass
	3780	Edge_1RB_Left	17.88	16.66	20.32	19.58	19.16	22.39	<=30	Pass
		Edge_1RB_Right	17.28	16.78	20.05	18.98	19.28	22.14	<=30	Pass
		Outer_Full	17.30	16.64	19.99	19.00	19.14	22.08	<=30	Pass
		Inner_Full	17.29	16.56	19.95	18.99	19.06	22.04	<=30	Pass
		Inner_1RB_Left	17.90	16.69	20.35	19.60	19.19	22.41	<=30	Pass
		Inner_1RB_Right	17.41	16.49	19.99	19.11	18.99	22.06	<=30	Pass
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.1.13 30k_MIMO_50MHz_NTNV_EIRP

5G NR n78a SCS=30kHz MIMO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3725.01	Edge_1RB_Left	20.08	19.22	22.68	21.78	21.72	24.76	<=30	Pass
		Edge_1RB_Right	20.13	19.25	22.72	21.83	21.75	24.80	<=30	Pass
		Outer_Full	20.51	19.75	23.16	22.21	22.25	25.24	<=30	Pass
		Inner_Full	21.92	21.35	24.66	23.62	23.85	26.75	<=30	Pass
		Inner_1RB_Left	22.08	21.16	24.66	23.78	23.66	26.73	<=30	Pass
		Inner_1RB_Right	22.18	21.14	24.70	23.88	23.64	26.77	<=30	Pass
	3750	Edge_1RB_Left	19.87	19.61	22.75	21.57	22.11	24.86	<=30	Pass
		Edge_1RB_Right	20.41	19.44	22.96	22.11	21.94	25.04	<=30	Pass
		Outer_Full	20.62	19.88	23.28	22.32	22.38	25.36	<=30	Pass
		Inner_Full	22.14	21.38	24.79	23.84	23.88	26.87	<=30	Pass
		Inner_1RB_Left	21.92	21.54	24.74	23.62	24.04	26.85	<=30	Pass
		Inner_1RB_Right	22.25	21.53	24.92	23.95	24.03	27.00	<=30	Pass
	3774.99	Edge_1RB_Left	20.25	19.43	22.87	21.95	21.93	24.95	<=30	Pass
		Edge_1RB_Right	20.03	19.21	22.65	21.73	21.71	24.73	<=30	Pass
		Outer_Full	20.75	19.83	23.33	22.45	22.33	25.40	<=30	Pass
		Inner_Full	22.23	21.43	24.86	23.93	23.93	26.94	<=30	Pass
		Inner_1RB_Left	22.17	21.44	24.83	23.87	23.94	26.92	<=30	Pass
		Inner_1RB_Right	21.90	21.36	24.65	23.60	23.86	26.74	<=30	Pass
CP-OFDM 16 QAM	3725.01	Edge_1RB_Left	19.97	19.15	22.59	21.67	21.65	24.67	<=30	Pass
		Edge_1RB_Right	20.01	19.17	22.62	21.71	21.67	24.70	<=30	Pass
		Outer_Full	20.52	19.75	23.16	22.22	22.25	25.25	<=30	Pass
		Inner_Full	21.41	20.80	24.13	23.11	23.30	26.22	<=30	Pass
		Inner_1RB_Left	21.61	20.70	24.19	23.31	23.20	26.27	<=30	Pass
		Inner_1RB_Right	21.69	20.95	24.35	23.39	23.45	26.43	<=30	Pass
	3750	Edge_1RB_Left	20.05	19.39	22.74	21.75	21.89	24.83	<=30	Pass
		Edge_1RB_Right	20.29	19.56	22.95	21.99	22.06	25.04	<=30	Pass
		Outer_Full	20.67	19.93	23.33	22.37	22.43	25.41	<=30	Pass
		Inner_Full	21.65	20.85	24.28	23.35	23.35	26.36	<=30	Pass
		Inner_1RB_Left	21.29	20.82	24.07	22.99	23.32	26.17	<=30	Pass
		Inner_1RB_Right	21.91	20.88	24.43	23.61	23.38	26.51	<=30	Pass
	3774.99	Edge_1RB_Left	20.35	19.53	22.97	22.05	22.03	25.05	<=30	Pass
		Edge_1RB_Right	20.08	19.23	22.69	21.78	21.73	24.77	<=30	Pass
		Outer_Full	20.75	19.80	23.31	22.45	22.30	25.39	<=30	Pass
		Inner_Full	21.80	21.00	24.43	23.50	23.50	26.51	<=30	Pass
		Inner_1RB_Left	21.74	20.88	24.34	23.44	23.38	26.42	<=30	Pass

		Inner 1RB Right	21.47	20.71	24.11	23.17	23.21	26.20	<=30	Pass
CP-OFDM 64 QAM	3725.01	Edge 1RB Left	20.11	19.23	22.70	21.81	21.73	24.78	<=30	Pass
		Edge 1RB Right	20.06	19.34	22.72	21.76	21.84	24.81	<=30	Pass
		Outer_Full	19.93	19.20	22.59	21.63	21.70	24.68	<=30	Pass
		Inner_Full	19.98	19.33	22.68	21.68	21.83	24.77	<=30	Pass
		Inner 1RB Left	19.99	19.17	22.61	21.69	21.67	24.69	<=30	Pass
		Inner 1RB Right	19.99	19.30	22.67	21.69	21.80	24.76	<=30	Pass
	3750	Edge 1RB Left	19.92	19.46	22.71	21.62	21.96	24.80	<=30	Pass
		Edge 1RB Right	20.17	19.40	22.81	21.87	21.90	24.90	<=30	Pass
		Outer_Full	20.08	19.36	22.74	21.78	21.86	24.83	<=30	Pass
		Inner_Full	20.23	19.43	22.86	21.93	21.93	24.94	<=30	Pass
		Inner 1RB Left	19.92	19.43	22.69	21.62	21.93	24.79	<=30	Pass
		Inner 1RB Right	20.36	19.47	22.94	22.06	21.97	25.03	<=30	Pass
	3774.99	Edge 1RB Left	20.25	19.37	22.84	21.95	21.87	24.92	<=30	Pass
		Edge 1RB Right	19.95	19.22	22.61	21.65	21.72	24.70	<=30	Pass
		Outer_Full	20.22	19.42	22.85	21.92	21.92	24.93	<=30	Pass
		Inner_Full	20.31	19.47	22.92	22.01	21.97	25.00	<=30	Pass
		Inner 1RB Left	20.28	19.49	22.91	21.98	21.99	25.00	<=30	Pass
		Inner 1RB Right	20.01	19.23	22.65	21.71	21.73	24.73	<=30	Pass
CP-OFDM 256 QAM	3725.01	Edge 1RB Left	17.19	16.11	19.70	18.89	18.61	21.76	<=30	Pass
		Edge 1RB Right	16.95	16.37	19.68	18.65	18.87	21.77	<=30	Pass
		Outer_Full	17.10	16.29	19.72	18.80	18.79	21.81	<=30	Pass
		Inner_Full	16.99	16.34	19.69	18.69	18.84	21.78	<=30	Pass
		Inner 1RB Left	16.84	16.29	19.58	18.54	18.79	21.68	<=30	Pass
		Inner 1RB Right	16.95	16.39	19.69	18.65	18.89	21.78	<=30	Pass
	3750	Edge 1RB Left	16.85	16.66	19.77	18.55	19.16	21.88	<=30	Pass
		Edge 1RB Right	17.50	16.35	19.97	19.20	18.85	22.04	<=30	Pass
		Outer_Full	17.15	16.38	19.79	18.85	18.88	21.88	<=30	Pass
		Inner_Full	17.20	16.36	19.81	18.90	18.86	21.89	<=30	Pass
		Inner 1RB Left	16.86	16.62	19.75	18.56	19.12	21.86	<=30	Pass
		Inner 1RB Right	17.17	16.63	19.92	18.87	19.13	22.01	<=30	Pass
	3774.99	Edge 1RB Left	17.41	16.31	19.90	19.11	18.81	21.97	<=30	Pass
		Edge 1RB Right	17.21	16.15	19.72	18.91	18.65	21.79	<=30	Pass
		Outer_Full	17.24	16.37	19.84	18.94	18.87	21.92	<=30	Pass
		Inner_Full	17.33	16.56	19.97	19.03	19.06	22.06	<=30	Pass
		Inner 1RB Left	17.20	16.62	19.93	18.90	19.12	22.02	<=30	Pass
		Inner 1RB Right	16.93	16.32	19.65	18.63	18.82	21.74	<=30	Pass
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi;										
Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.1.14 30k_MIMO_60MHz_NTNV_EIRP

5G NR n78a SCS=30kHz MIMO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3730.02	Edge 1RB Left	19.95	19.20	22.60	21.65	21.70	24.69	<=30	Pass
		Edge 1RB Right	20.53	19.42	23.02	22.23	21.92	25.09	<=30	Pass
		Outer Full	20.68	19.77	23.26	22.38	22.27	25.34	<=30	Pass
		Inner Full	21.93	21.37	24.67	23.63	23.87	26.76	<=30	Pass
		Inner 1RB Left	21.89	21.21	24.57	23.59	23.71	26.66	<=30	Pass
		Inner 1RB Right	22.47	21.24	24.91	24.17	23.74	26.97	<=30	Pass
	3750	Edge 1RB Left	20.06	19.23	22.68	21.76	21.73	24.76	<=30	Pass
		Edge 1RB Right	20.06	19.37	22.74	21.76	21.87	24.83	<=30	Pass
		Outer Full	20.54	19.87	23.23	22.24	22.37	25.32	<=30	Pass
		Inner Full	22.10	21.26	24.71	23.80	23.76	26.79	<=30	Pass
		Inner 1RB Left	21.94	21.23	24.61	23.64	23.73	26.70	<=30	Pass
		Inner 1RB Right	21.98	21.40	24.71	23.68	23.90	26.80	<=30	Pass

	3769.98	Edge 1RB Left	19.68	19.33	22.52	21.38	21.83	24.62	<=30	Pass
		Edge 1RB Right	19.99	19.21	22.62	21.69	21.71	24.71	<=30	Pass
		Outer Full	20.60	19.75	23.21	22.30	22.25	25.29	<=30	Pass
		Inner Full	22.21	21.37	24.82	23.91	23.87	26.90	<=30	Pass
		Inner 1RB Left	21.76	21.29	24.54	23.46	23.79	26.64	<=30	Pass
		Inner 1RB Right	22.03	21.32	24.70	23.73	23.82	26.79	<=30	Pass
CP-OFDM 16 QAM	3730.02	Edge 1RB Left	19.97	19.23	22.63	21.67	21.73	24.71	<=30	Pass
		Edge 1RB Right	20.37	19.41	22.93	22.07	21.91	25.00	<=30	Pass
		Outer Full	20.69	19.82	23.29	22.39	22.32	25.37	<=30	Pass
		Inner Full	21.39	20.89	24.16	23.09	23.39	26.25	<=30	Pass
		Inner 1RB Left	21.79	20.62	24.26	23.49	23.12	26.32	<=30	Pass
		Inner 1RB Right	22.07	20.77	24.48	23.77	23.27	26.54	<=30	Pass
	3750	Edge 1RB Left	19.90	19.34	22.64	21.60	21.84	24.73	<=30	Pass
		Edge 1RB Right	19.98	19.34	22.68	21.68	21.84	24.77	<=30	Pass
		Outer Full	20.57	19.91	23.26	22.27	22.41	25.35	<=30	Pass
		Inner Full	21.62	20.66	24.18	23.32	23.16	26.25	<=30	Pass
		Inner 1RB Left	21.62	20.73	24.21	23.32	23.23	26.29	<=30	Pass
		Inner 1RB Right	21.64	20.83	24.26	23.34	23.33	26.35	<=30	Pass
	3769.98	Edge 1RB Left	19.73	19.42	22.59	21.43	21.92	24.69	<=30	Pass
		Edge 1RB Right	20.13	19.13	22.67	21.83	21.63	24.74	<=30	Pass
		Outer Full	20.61	19.78	23.23	22.31	22.28	25.31	<=30	Pass
		Inner Full	21.77	20.66	24.26	23.47	23.16	26.33	<=30	Pass
		Inner 1RB Left	21.17	20.76	23.98	22.87	23.26	26.08	<=30	Pass
		Inner 1RB Right	21.40	20.54	24.00	23.10	23.04	26.08	<=30	Pass
CP-OFDM 64 QAM	3730.02	Edge 1RB Left	19.91	19.17	22.57	21.61	21.67	24.65	<=30	Pass
		Edge 1RB Right	20.48	19.33	22.96	22.18	21.83	25.02	<=30	Pass
		Outer Full	20.04	19.29	22.69	21.74	21.79	24.78	<=30	Pass
		Inner Full	19.88	19.40	22.66	21.58	21.90	24.75	<=30	Pass
		Inner 1RB Left	19.82	19.12	22.50	21.52	21.62	24.58	<=30	Pass
		Inner 1RB Right	20.32	19.26	22.83	22.02	21.76	24.90	<=30	Pass
	3750	Edge 1RB Left	19.92	19.20	22.59	21.62	21.70	24.67	<=30	Pass
		Edge 1RB Right	20.02	19.35	22.71	21.72	21.85	24.80	<=30	Pass
		Outer Full	20.06	19.38	22.74	21.76	21.88	24.83	<=30	Pass
		Inner Full	20.12	19.30	22.74	21.82	21.80	24.82	<=30	Pass
		Inner 1RB Left	20.00	19.24	22.65	21.70	21.74	24.73	<=30	Pass
		Inner 1RB Right	20.11	19.31	22.74	21.81	21.81	24.82	<=30	Pass
	3769.98	Edge 1RB Left	19.66	19.35	22.52	21.36	21.85	24.62	<=30	Pass
		Edge 1RB Right	19.83	19.15	22.51	21.53	21.65	24.60	<=30	Pass
		Outer Full	20.12	19.20	22.69	21.82	21.70	24.77	<=30	Pass
		Inner Full	20.19	19.37	22.81	21.89	21.87	24.89	<=30	Pass
		Inner 1RB Left	19.67	19.36	22.53	21.37	21.86	24.63	<=30	Pass
		Inner 1RB Right	19.92	19.26	22.61	21.62	21.76	24.70	<=30	Pass
CP-OFDM 256 QAM	3730.02	Edge 1RB Left	17.01	16.03	19.55	18.71	18.53	21.63	<=30	Pass
		Edge 1RB Right	17.57	16.15	19.92	19.27	18.65	21.98	<=30	Pass
		Outer Full	17.13	16.27	19.73	18.83	18.77	21.81	<=30	Pass
		Inner Full	16.97	16.35	19.68	18.67	18.85	21.77	<=30	Pass
		Inner 1RB Left	17.12	16.09	19.65	18.82	18.59	21.72	<=30	Pass
		Inner 1RB Right	17.57	16.28	19.98	19.27	18.78	22.04	<=30	Pass
	3750	Edge 1RB Left	17.10	16.13	19.65	18.80	18.63	21.73	<=30	Pass
		Edge 1RB Right	17.14	16.25	19.73	18.84	18.75	21.81	<=30	Pass
		Outer Full	17.19	16.38	19.81	18.89	18.88	21.90	<=30	Pass
		Inner Full	17.09	16.35	19.75	18.79	18.85	21.83	<=30	Pass
		Inner 1RB Left	17.17	16.23	19.74	18.87	18.73	21.81	<=30	Pass
		Inner 1RB Right	17.17	16.28	19.76	18.87	18.78	21.84	<=30	Pass
	3769.98	Edge 1RB Left	16.60	16.37	19.49	18.30	18.87	21.60	<=30	Pass
		Edge 1RB Right	17.07	16.11	19.63	18.77	18.61	21.70	<=30	Pass
		Outer Full	17.15	16.36	19.78	18.85	18.86	21.87	<=30	Pass
		Inner Full	17.29	16.46	19.91	18.99	18.96	21.99	<=30	Pass
		Inner 1RB Left	16.58	16.44	19.52	18.28	18.94	21.63	<=30	Pass

		Inner 1RB Right	16.85	16.40	19.64	18.55	18.90	21.74	<=30	Pass
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.1.15 30k_MIMO_70MHz_NTNV_EIRP

5G NR n78a SCS=30kHz MIMO 70MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3735	Edge 1RB Left	19.96	19.05	22.54	21.66	21.55	24.62	<=30	Pass
		Edge 1RB Right	20.12	19.09	22.64	21.82	21.59	24.72	<=30	Pass
		Outer Full	20.44	19.51	23.01	22.14	22.01	25.09	<=30	Pass
		Inner Full	21.76	21.07	24.44	23.46	23.57	26.53	<=30	Pass
		Inner 1RB Left	21.99	21.04	24.55	23.69	23.54	26.63	<=30	Pass
		Inner 1RB Right	22.16	21.30	24.76	23.86	23.80	26.84	<=30	Pass
	3750	Edge 1RB Left	20.11	18.98	22.59	21.81	21.48	24.66	<=30	Pass
		Edge 1RB Right	19.57	18.98	22.30	21.27	21.48	24.39	<=30	Pass
		Outer Full	20.31	19.57	22.97	22.01	22.07	25.05	<=30	Pass
		Inner Full	21.89	21.13	24.53	23.59	23.63	26.62	<=30	Pass
		Inner 1RB Left	22.03	20.98	24.55	23.73	23.48	26.62	<=30	Pass
		Inner 1RB Right	21.63	20.96	24.32	23.33	23.46	26.41	<=30	Pass
	3765	Edge 1RB Left	19.52	19.18	22.36	21.22	21.68	24.47	<=30	Pass
		Edge 1RB Right	19.69	18.95	22.35	21.39	21.45	24.43	<=30	Pass
		Outer Full	20.25	19.50	22.90	21.95	22.00	24.99	<=30	Pass
		Inner Full	21.96	20.99	24.51	23.66	23.49	26.59	<=30	Pass
		Inner 1RB Left	21.47	21.08	24.29	23.17	23.58	26.39	<=30	Pass
		Inner 1RB Right	21.69	20.95	24.34	23.39	23.45	26.43	<=30	Pass
CP-OFDM 16 QAM	3735	Edge 1RB Left	19.81	18.91	22.39	21.51	21.41	24.47	<=30	Pass
		Edge 1RB Right	20.03	19.10	22.60	21.73	21.60	24.68	<=30	Pass
		Outer Full	20.33	19.53	22.96	22.03	22.03	25.04	<=30	Pass
		Inner Full	21.25	20.65	23.97	22.95	23.15	26.06	<=30	Pass
		Inner 1RB Left	21.38	20.37	23.92	23.08	22.87	25.99	<=30	Pass
		Inner 1RB Right	21.51	20.62	24.10	23.21	23.12	26.18	<=30	Pass
	3750	Edge 1RB Left	20.01	18.91	22.50	21.71	21.41	24.57	<=30	Pass
		Edge 1RB Right	19.78	18.97	22.41	21.48	21.47	24.49	<=30	Pass
		Outer Full	20.37	19.66	23.04	22.07	22.16	25.13	<=30	Pass
		Inner Full	21.44	20.64	24.07	23.14	23.14	26.15	<=30	Pass
		Inner 1RB Left	21.49	20.28	23.93	23.19	22.78	26.00	<=30	Pass
		Inner 1RB Right	21.27	20.37	23.85	22.97	22.87	25.93	<=30	Pass
	3765	Edge 1RB Left	19.50	19.12	22.33	21.20	21.62	24.43	<=30	Pass
		Edge 1RB Right	19.66	18.93	22.32	21.36	21.43	24.41	<=30	Pass
		Outer Full	20.23	19.51	22.89	21.93	22.01	24.98	<=30	Pass
		Inner Full	21.51	20.56	24.07	23.21	23.06	26.15	<=30	Pass
		Inner 1RB Left	21.02	20.75	23.90	22.72	23.25	26.00	<=30	Pass
		Inner 1RB Right	21.13	20.47	23.83	22.83	22.97	25.91	<=30	Pass
CP-OFDM 64 QAM	3735	Edge 1RB Left	19.82	18.83	22.36	21.52	21.33	24.44	<=30	Pass
		Edge 1RB Right	20.02	19.14	22.61	21.72	21.64	24.69	<=30	Pass
		Outer Full	19.97	19.06	22.55	21.67	21.56	24.63	<=30	Pass
		Inner Full	19.78	19.14	22.48	21.48	21.64	24.57	<=30	Pass
		Inner 1RB Left	19.94	19.01	22.51	21.64	21.51	24.59	<=30	Pass
		Inner 1RB Right	20.10	19.16	22.66	21.80	21.66	24.74	<=30	Pass
	3750	Edge 1RB Left	20.08	18.94	22.56	21.78	21.44	24.62	<=30	Pass
		Edge 1RB Right	19.58	19.01	22.32	21.28	21.51	24.41	<=30	Pass
		Outer Full	20.01	19.15	22.61	21.71	21.65	24.69	<=30	Pass
		Inner Full	19.95	19.16	22.58	21.65	21.66	24.67	<=30	Pass
		Inner 1RB Left	20.05	19.00	22.57	21.75	21.50	24.64	<=30	Pass
		Inner 1RB Right	19.64	19.04	22.36	21.34	21.54	24.45	<=30	Pass

	3765	Edge_1RB_Left	19.38	19.11	22.26	21.08	21.61	24.36	<=30	Pass
		Edge_1RB_Right	19.59	18.78	22.21	21.29	21.28	24.30	<=30	Pass
		Outer_Full	19.82	19.00	22.44	21.52	21.50	24.52	<=30	Pass
		Inner_Full	19.99	19.13	22.59	21.69	21.63	24.67	<=30	Pass
		Inner_1RB_Left	19.44	19.24	22.35	21.14	21.74	24.46	<=30	Pass
		Inner_1RB_Right	19.56	18.86	22.23	21.26	21.36	24.32	<=30	Pass
CP-OFDM 256 QAM	3735	Edge_1RB_Left	17.01	15.84	19.47	18.71	18.34	21.54	<=30	Pass
		Edge_1RB_Right	17.19	16.02	19.66	18.89	18.52	21.72	<=30	Pass
		Outer_Full	16.94	16.14	19.57	18.64	18.64	21.65	<=30	Pass
		Inner_Full	16.69	16.11	19.42	18.39	18.61	21.51	<=30	Pass
		Inner_1RB_Left	16.77	16.06	19.44	18.47	18.56	21.53	<=30	Pass
		Inner_1RB_Right	16.91	16.25	19.60	18.61	18.75	21.69	<=30	Pass
	3750	Edge_1RB_Left	17.17	15.87	19.58	18.87	18.37	21.64	<=30	Pass
		Edge_1RB_Right	16.55	16.03	19.31	18.25	18.53	21.40	<=30	Pass
		Outer_Full	16.91	16.17	19.56	18.61	18.67	21.65	<=30	Pass
		Inner_Full	16.88	16.18	19.56	18.58	18.68	21.64	<=30	Pass
		Inner_1RB_Left	16.86	16.17	19.54	18.56	18.67	21.63	<=30	Pass
		Inner_1RB_Right	16.48	16.11	19.31	18.18	18.61	21.41	<=30	Pass
	3765	Edge_1RB_Left	16.38	16.27	19.34	18.08	18.77	21.45	<=30	Pass
		Edge_1RB_Right	16.55	16.07	19.33	18.25	18.57	21.42	<=30	Pass
		Outer_Full	16.86	16.10	19.50	18.56	18.60	21.59	<=30	Pass
		Inner_Full	17.05	16.11	19.62	18.75	18.61	21.69	<=30	Pass
		Inner_1RB_Left	16.45	16.24	19.36	18.15	18.74	21.47	<=30	Pass
		Inner_1RB_Right	16.55	16.07	19.33	18.25	18.57	21.42	<=30	Pass
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.1.16 30k_MIMO_80MHz_NTNV_EIRP

5G NR n78a SCS=30kHz MIMO 80MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3740.01	Edge_1RB_Left	19.93	19.00	22.50	21.63	21.50	24.58	<=30	Pass
		Edge_1RB_Right	19.83	19.13	22.50	21.53	21.63	24.59	<=30	Pass
		Outer_Full	20.48	19.54	23.05	22.18	22.04	25.12	<=30	Pass
		Inner_Full	21.83	21.17	24.52	23.53	23.67	26.61	<=30	Pass
		Inner_1RB_Left	21.88	21.13	24.53	23.58	23.63	26.62	<=30	Pass
		Inner_1RB_Right	21.94	21.08	24.54	23.64	23.58	26.62	<=30	Pass
	3750	Edge_1RB_Left	20.16	18.98	22.62	21.86	21.48	24.68	<=30	Pass
		Edge_1RB_Right	19.62	18.94	22.30	21.32	21.44	24.39	<=30	Pass
		Outer_Full	20.38	19.57	23.00	22.08	22.07	25.09	<=30	Pass
		Inner_Full	21.90	21.32	24.63	23.60	23.82	26.72	<=30	Pass
		Inner_1RB_Left	22.26	20.95	24.66	23.96	23.45	26.72	<=30	Pass
		Inner_1RB_Right	21.65	20.91	24.31	23.35	23.41	26.39	<=30	Pass
	3759.99	Edge_1RB_Left	19.86	19.05	22.48	21.56	21.55	24.57	<=30	Pass
		Edge_1RB_Right	19.81	18.91	22.39	21.51	21.41	24.47	<=30	Pass
		Outer_Full	20.36	19.56	22.99	22.06	22.06	25.07	<=30	Pass
		Inner_Full	22.02	21.31	24.69	23.72	23.81	26.78	<=30	Pass
		Inner_1RB_Left	21.73	20.97	24.37	23.43	23.47	26.46	<=30	Pass
		Inner_1RB_Right	21.67	21.02	24.37	23.37	23.52	26.46	<=30	Pass
CP-OFDM 16 QAM	3740.01	Edge_1RB_Left	15.38	14.50	17.97	17.08	17.00	20.05	<=30	Pass
		Edge_1RB_Right	19.91	19.14	22.55	21.61	21.64	24.64	<=30	Pass
		Outer_Full	20.51	19.64	23.10	22.21	22.14	25.19	<=30	Pass
		Inner_Full	21.42	20.67	24.07	23.12	23.17	26.16	<=30	Pass
		Inner_1RB_Left	21.39	20.74	24.09	23.09	23.24	26.18	<=30	Pass
		Inner_1RB_Right	21.31	20.77	24.06	23.01	23.27	26.15	<=30	Pass
	3750	Edge_1RB_Left	20.11	18.84	22.53	21.81	21.34	24.59	<=30	Pass

		Edge 1RB Right	19.61	19.06	22.36	21.31	21.56	24.45	<=30	Pass
		Outer Full	20.33	19.63	23.01	22.03	22.13	25.09	<=30	Pass
		Inner Full	21.36	20.68	24.04	23.06	23.18	26.13	<=30	Pass
		Inner_1RB_Left	21.57	20.34	24.01	23.27	22.84	26.07	<=30	Pass
		Inner 1RB Right	21.11	20.44	23.80	22.81	22.94	25.89	<=30	Pass
	3759.99	Edge 1RB Left	19.68	18.98	22.36	21.38	21.48	24.44	<=30	Pass
		Edge 1RB Right	19.94	19.00	22.51	21.64	21.50	24.58	<=30	Pass
		Outer Full	20.30	19.64	22.99	22.00	22.14	25.08	<=30	Pass
		Inner Full	21.49	20.67	24.11	23.19	23.17	26.19	<=30	Pass
		Inner_1RB_Left	21.24	20.64	23.96	22.94	23.14	26.05	<=30	Pass
	Inner 1RB Right	21.12	20.61	23.89	22.82	23.11	25.98	<=30	Pass	
CP-OFDM 64 QAM	3740.01	Edge 1RB Left	19.99	19.08	22.57	21.69	21.58	24.65	<=30	Pass
		Edge 1RB Right	19.79	19.15	22.49	21.49	21.65	24.58	<=30	Pass
		Outer Full	20.10	19.14	22.66	21.80	21.64	24.73	<=30	Pass
		Inner Full	19.90	19.25	22.60	21.60	21.75	24.69	<=30	Pass
		Inner_1RB_Left	19.79	19.04	22.44	21.49	21.54	24.53	<=30	Pass
		Inner 1RB Right	19.85	19.09	22.50	21.55	21.59	24.58	<=30	Pass
	3750	Edge 1RB Left	19.91	18.82	22.41	21.61	21.32	24.48	<=30	Pass
		Edge 1RB Right	19.47	18.91	22.21	21.17	21.41	24.30	<=30	Pass
		Outer Full	19.87	19.09	22.51	21.57	21.59	24.59	<=30	Pass
		Inner Full	19.87	19.20	22.56	21.57	21.70	24.65	<=30	Pass
		Inner_1RB_Left	19.97	18.96	22.50	21.67	21.46	24.58	<=30	Pass
		Inner 1RB Right	19.51	18.90	22.23	21.21	21.40	24.32	<=30	Pass
	3759.99	Edge 1RB Left	19.71	19.05	22.40	21.41	21.55	24.49	<=30	Pass
		Edge 1RB Right	19.73	18.85	22.32	21.43	21.35	24.40	<=30	Pass
		Outer Full	19.81	19.15	22.50	21.51	21.65	24.59	<=30	Pass
		Inner Full	20.08	19.20	22.67	21.78	21.70	24.75	<=30	Pass
		Inner_1RB_Left	19.87	19.08	22.50	21.57	21.58	24.59	<=30	Pass
		Inner 1RB Right	19.70	18.98	22.36	21.40	21.48	24.45	<=30	Pass
CP-OFDM 256 QAM	3740.01	Edge 1RB Left	17.17	15.99	19.63	18.87	18.49	21.69	<=30	Pass
		Edge 1RB Right	16.97	15.98	19.51	18.67	18.48	21.59	<=30	Pass
		Outer Full	17.07	16.17	19.66	18.77	18.67	21.73	<=30	Pass
		Inner Full	16.85	16.15	19.52	18.55	18.65	21.61	<=30	Pass
		Inner_1RB_Left	16.79	16.29	19.56	18.49	18.79	21.65	<=30	Pass
		Inner 1RB Right	16.85	16.34	19.61	18.55	18.84	21.71	<=30	Pass
	3750	Edge 1RB Left	16.85	15.98	19.45	18.55	18.48	21.53	<=30	Pass
		Edge 1RB Right	16.71	15.89	19.33	18.41	18.39	21.41	<=30	Pass
		Outer Full	16.87	16.18	19.55	18.57	18.68	21.64	<=30	Pass
		Inner Full	16.91	16.11	19.54	18.61	18.61	21.62	<=30	Pass
		Inner_1RB_Left	16.97	15.99	19.51	18.67	18.49	21.59	<=30	Pass
		Inner 1RB Right	16.52	16.06	19.31	18.22	18.56	21.40	<=30	Pass
	3759.99	Edge 1RB Left	16.93	16.01	19.50	18.63	18.51	21.58	<=30	Pass
		Edge 1RB Right	16.89	15.86	19.42	18.59	18.36	21.49	<=30	Pass
		Outer Full	16.85	16.11	19.51	18.55	18.61	21.59	<=30	Pass
		Inner Full	17.13	16.18	19.69	18.83	18.68	21.77	<=30	Pass
		Inner_1RB_Left	16.69	16.23	19.47	18.39	18.73	21.57	<=30	Pass
		Inner 1RB Right	16.66	16.11	19.40	18.36	18.61	21.50	<=30	Pass
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.1.17 30k_MIMO_90MHz_NTNV_EIRP

5G NR n78a SCS=30kHz MIMO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3745.02	Edge 1RB Left	19.90	18.97	22.47	21.60	21.47	24.55	<=30	Pass
		Edge 1RB Right	19.63	19.03	22.35	21.33	21.53	24.44	<=30	Pass

		Outer Full	20.34	19.47	22.94	22.04	21.97	25.02	<=30	Pass
		Inner Full	21.74	21.04	24.41	23.44	23.54	26.50	<=30	Pass
		Inner 1RB Left	21.94	21.21	24.60	23.64	23.71	26.69	<=30	Pass
		Inner 1RB Right	21.67	21.18	24.44	23.37	23.68	26.54	<=30	Pass
	3750	Edge 1RB Left	19.95	18.99	22.51	21.65	21.49	24.58	<=30	Pass
		Edge 1RB Right	19.72	18.96	22.37	21.42	21.46	24.45	<=30	Pass
		Outer Full	20.35	19.56	22.98	22.05	22.06	25.07	<=30	Pass
		Inner Full	21.91	21.16	24.56	23.61	23.66	26.65	<=30	Pass
	3754.98	Inner 1RB Left	22.05	20.81	24.48	23.75	23.31	26.55	<=30	Pass
		Inner 1RB Right	21.82	20.99	24.44	23.52	23.49	26.52	<=30	Pass
		Edge 1RB Left	19.94	19.01	22.51	21.64	21.51	24.59	<=30	Pass
		Edge 1RB Right	19.80	18.93	22.40	21.50	21.43	24.48	<=30	Pass
CP-OFDM 16 QAM	3745.02	Outer Full	20.38	19.58	23.01	22.08	22.08	25.09	<=30	Pass
		Inner Full	21.96	21.30	24.65	23.66	23.80	26.74	<=30	Pass
		Inner 1RB Left	22.03	21.04	24.57	23.73	23.54	26.65	<=30	Pass
		Inner 1RB Right	21.68	20.99	24.36	23.38	23.49	26.45	<=30	Pass
	3750	Edge 1RB Left	20.10	18.97	22.58	21.80	21.47	24.65	<=30	Pass
		Edge 1RB Right	19.59	19.09	22.36	21.29	21.59	24.45	<=30	Pass
		Outer Full	20.30	19.59	22.97	22.00	22.09	25.06	<=30	Pass
		Inner Full	21.28	20.62	23.97	22.98	23.12	26.06	<=30	Pass
	3754.98	Inner 1RB Left	21.44	20.38	23.95	23.14	22.88	26.02	<=30	Pass
		Inner 1RB Right	21.12	20.48	23.82	22.82	22.98	25.91	<=30	Pass
		Edge 1RB Left	19.89	18.83	22.40	21.59	21.33	24.47	<=30	Pass
		Edge 1RB Right	19.81	19.01	22.44	21.51	21.51	24.52	<=30	Pass
CP-OFDM 64 QAM	3745.02	Outer Full	20.34	19.58	22.99	22.04	22.08	25.07	<=30	Pass
		Inner Full	21.39	20.65	24.04	23.09	23.15	26.13	<=30	Pass
		Inner 1RB Left	21.41	20.30	23.90	23.11	22.80	25.97	<=30	Pass
		Inner 1RB Right	21.20	20.41	23.83	22.90	22.91	25.92	<=30	Pass
	3750	Edge 1RB Left	19.99	18.97	22.52	21.69	21.47	24.59	<=30	Pass
		Edge 1RB Right	19.83	18.96	22.43	21.53	21.46	24.51	<=30	Pass
		Outer Full	20.41	19.63	23.05	22.11	22.13	25.13	<=30	Pass
		Inner Full	21.47	20.89	24.20	23.17	23.39	26.29	<=30	Pass
	3754.98	Inner 1RB Left	21.79	20.37	24.15	23.49	22.87	26.20	<=30	Pass
		Inner 1RB Right	21.52	20.35	23.98	23.22	22.85	26.05	<=30	Pass
		Edge 1RB Left	19.77	18.99	22.41	21.47	21.49	24.49	<=30	Pass
		Edge 1RB Right	19.65	19.09	22.39	21.35	21.59	24.48	<=30	Pass
CP-OFDM 256 QAM	3745.02	Outer Full	19.83	19.05	22.47	21.53	21.55	24.55	<=30	Pass
		Inner Full	19.81	19.16	22.51	21.51	21.66	24.60	<=30	Pass
		Inner 1RB Left	19.94	18.87	22.45	21.64	21.37	24.52	<=30	Pass
		Inner 1RB Right	19.75	18.96	22.38	21.45	21.46	24.47	<=30	Pass
	3750	Edge 1RB Left	19.84	18.95	22.43	21.54	21.45	24.51	<=30	Pass
		Edge 1RB Right	19.68	18.92	22.33	21.38	21.42	24.41	<=30	Pass
		Outer Full	19.87	19.10	22.51	21.57	21.60	24.60	<=30	Pass
		Inner Full	19.92	19.25	22.61	21.62	21.75	24.70	<=30	Pass
	3754.98	Inner 1RB Left	20.00	18.88	22.49	21.70	21.38	24.55	<=30	Pass
		Inner 1RB Right	19.71	18.89	22.33	21.41	21.39	24.41	<=30	Pass
		Edge 1RB Left	20.05	19.00	22.56	21.75	21.50	24.64	<=30	Pass
		Edge 1RB Right	19.80	18.85	22.36	21.50	21.35	24.44	<=30	Pass
	3745.02	Outer Full	19.95	19.13	22.57	21.65	21.63	24.65	<=30	Pass
		Inner Full	20.00	19.22	22.64	21.70	21.72	24.72	<=30	Pass
		Inner 1RB Left	20.07	18.81	22.49	21.77	21.31	24.56	<=30	Pass
		Inner 1RB Right	19.84	18.92	22.41	21.54	21.42	24.49	<=30	Pass
	3750	Edge 1RB Left	16.96	15.86	19.46	18.66	18.36	21.52	<=30	Pass
		Edge 1RB Right	16.58	16.23	19.42	18.28	18.73	21.52	<=30	Pass
		Outer Full	16.85	16.03	19.47	18.55	18.53	21.55	<=30	Pass
	3745.02	Inner Full	16.73	16.09	19.43	18.43	18.59	21.52	<=30	Pass
		Inner 1RB Left	16.93	15.92	19.46	18.63	18.42	21.54	<=30	Pass
		Inner 1RB Right	16.80	15.98	19.42	18.50	18.48	21.50	<=30	Pass
	3750	Edge 1RB Left	16.90	16.01	19.49	18.60	18.51	21.57	<=30	Pass

		Edge 1RB Right	16.61	16.04	19.34	18.31	18.54	21.44	<=30	Pass
		Outer Full	16.83	16.06	19.47	18.53	18.56	21.56	<=30	Pass
		Inner Full	16.83	16.13	19.51	18.53	18.63	21.59	<=30	Pass
		Inner 1RB Left	17.13	15.83	19.54	18.83	18.33	21.60	<=30	Pass
		Inner 1RB Right	16.85	15.89	19.40	18.55	18.39	21.48	<=30	Pass
	3754.98	Edge 1RB Left	17.18	15.89	19.59	18.88	18.39	21.65	<=30	Pass
		Edge 1RB Right	16.89	15.83	19.40	18.59	18.33	21.47	<=30	Pass
		Outer Full	16.92	16.12	19.54	18.62	18.62	21.63	<=30	Pass
		Inner Full	17.02	16.25	19.67	18.72	18.75	21.75	<=30	Pass
		Inner 1RB Left	16.95	16.05	19.54	18.65	18.55	21.61	<=30	Pass
		Inner 1RB Right	16.68	16.12	19.41	18.38	18.62	21.51	<=30	Pass

Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi;
Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2

1.1.18 30k_MIMO_100MHz_NTNV_EIRP

5G NR n78a SCS=30kHz MIMO 100MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3750	Edge 1RB Left	19.81	18.97	22.42	21.51	21.47	24.50	<=30	Pass
		Edge 1RB Right	19.75	18.96	22.39	21.45	21.46	24.47	<=30	Pass
		Outer Full	20.27	19.56	22.94	21.97	22.06	25.03	<=30	Pass
		Inner Full	21.97	21.28	24.64	23.67	23.78	26.74	<=30	Pass
		Inner 1RB Left	21.88	21.08	24.51	23.58	23.58	26.59	<=30	Pass
		Inner 1RB Right	21.90	21.05	24.51	23.60	23.55	26.59	<=30	Pass
	3750	Edge 1RB Left	19.93	19.06	22.53	21.63	21.56	24.61	<=30	Pass
		Edge 1RB Right	19.79	19.19	22.51	21.49	21.69	24.60	<=30	Pass
		Outer Full	20.36	19.53	22.97	22.06	22.03	25.06	<=30	Pass
		Inner Full	21.88	21.26	24.59	23.58	23.76	26.68	<=30	Pass
		Inner 1RB Left	21.89	20.95	24.45	23.59	23.45	26.53	<=30	Pass
		Inner 1RB Right	21.85	20.98	24.45	23.55	23.48	26.53	<=30	Pass
	3750	Edge 1RB Left	19.79	18.92	22.39	21.49	21.42	24.47	<=30	Pass
		Edge 1RB Right	19.81	18.93	22.40	21.51	21.43	24.48	<=30	Pass
		Outer Full	20.34	19.50	22.95	22.04	22.00	25.03	<=30	Pass
		Inner Full	21.86	20.96	24.44	23.56	23.46	26.52	<=30	Pass
		Inner 1RB Left	21.96	20.99	24.51	23.66	23.49	26.59	<=30	Pass
		Inner 1RB Right	21.72	21.20	24.48	23.42	23.70	26.57	<=30	Pass
CP-OFDM 16 QAM	3750	Edge 1RB Left	20.02	18.95	22.53	21.72	21.45	24.60	<=30	Pass
		Edge 1RB Right	19.77	19.03	22.42	21.47	21.53	24.51	<=30	Pass
		Outer Full	20.42	19.61	23.05	22.12	22.11	25.13	<=30	Pass
		Inner Full	21.36	20.73	24.07	23.06	23.23	26.16	<=30	Pass
		Inner 1RB Left	21.45	20.58	24.04	23.15	23.08	26.13	<=30	Pass
		Inner 1RB Right	21.61	20.47	24.09	23.31	22.97	26.15	<=30	Pass
	3750	Edge 1RB Left	19.87	18.93	22.43	21.57	21.43	24.51	<=30	Pass
		Edge 1RB Right	19.77	19.06	22.44	21.47	21.56	24.53	<=30	Pass
		Outer Full	20.40	19.61	23.03	22.10	22.11	25.12	<=30	Pass
		Inner Full	21.37	20.71	24.06	23.07	23.21	26.15	<=30	Pass
		Inner 1RB Left	21.33	20.54	23.96	23.03	23.04	26.05	<=30	Pass
		Inner 1RB Right	21.28	20.63	23.98	22.98	23.13	26.07	<=30	Pass
	3750	Edge 1RB Left	19.83	18.88	22.39	21.53	21.38	24.47	<=30	Pass
		Edge 1RB Right	19.77	19.04	22.43	21.47	21.54	24.52	<=30	Pass
		Outer Full	20.36	19.61	23.01	22.06	22.11	25.10	<=30	Pass
		Inner Full	21.33	20.82	24.09	23.03	23.32	26.19	<=30	Pass
		Inner 1RB Left	21.29	20.60	23.97	22.99	23.10	26.06	<=30	Pass
		Inner 1RB Right	21.30	20.87	24.10	23.00	23.37	26.20	<=30	Pass
CP-OFDM 64 QAM	3750	Edge 1RB Left	19.92	18.91	22.45	21.62	21.41	24.53	<=30	Pass
		Edge 1RB Right	19.73	19.15	22.46	21.43	21.65	24.55	<=30	Pass

		Outer_Full	19.90	19.15	22.56	21.60	21.65	24.64	<=30	Pass
		Inner_Full	19.92	19.25	22.61	21.62	21.75	24.70	<=30	Pass
		Inner_1RB_Left	19.67	19.06	22.38	21.37	21.56	24.48	<=30	Pass
		Inner_1RB_Right	19.76	19.08	22.44	21.46	21.58	24.53	<=30	Pass
	3750	Edge_1RB_Left	19.85	18.73	22.34	21.55	21.23	24.40	<=30	Pass
		Edge_1RB_Right	19.87	19.03	22.48	21.57	21.53	24.56	<=30	Pass
		Outer_Full	19.82	19.07	22.47	21.52	21.57	24.56	<=30	Pass
		Inner_Full	19.93	19.15	22.57	21.63	21.65	24.65	<=30	Pass
	3750	Inner_1RB_Left	19.89	18.92	22.44	21.59	21.42	24.52	<=30	Pass
		Inner_1RB_Right	19.85	18.92	22.42	21.55	21.42	24.50	<=30	Pass
		Edge_1RB_Left	19.83	19.04	22.46	21.53	21.54	24.55	<=30	Pass
		Edge_1RB_Right	19.70	19.08	22.41	21.40	21.58	24.50	<=30	Pass
CP-OFDM 256 QAM	3750	Outer_Full	19.95	19.13	22.57	21.65	21.63	24.65	<=30	Pass
		Inner_Full	19.94	19.15	22.57	21.64	21.65	24.66	<=30	Pass
		Inner_1RB_Left	19.83	18.88	22.39	21.53	21.38	24.47	<=30	Pass
		Inner_1RB_Right	19.79	18.83	22.35	21.49	21.33	24.42	<=30	Pass
		Edge_1RB_Left	16.72	16.32	19.53	18.42	18.82	21.63	<=30	Pass
		Edge_1RB_Right	16.72	16.11	19.43	18.42	18.61	21.53	<=30	Pass
	3750	Outer_Full	16.89	16.14	19.54	18.59	18.64	21.63	<=30	Pass
		Inner_Full	16.85	16.15	19.53	18.55	18.65	21.61	<=30	Pass
		Inner_1RB_Left	16.79	16.09	19.46	18.49	18.59	21.55	<=30	Pass
		Inner_1RB_Right	16.74	16.15	19.46	18.44	18.65	21.56	<=30	Pass
		Edge_1RB_Left	16.63	16.14	19.40	18.33	18.64	21.50	<=30	Pass
		Edge_1RB_Right	16.70	16.13	19.43	18.40	18.63	21.53	<=30	Pass
	3750	Outer_Full	16.80	16.13	19.49	18.50	18.63	21.58	<=30	Pass
		Inner_Full	16.84	16.13	19.51	18.54	18.63	21.60	<=30	Pass
		Inner_1RB_Left	16.68	16.07	19.40	18.38	18.57	21.49	<=30	Pass
		Inner_1RB_Right	16.62	16.15	19.40	18.32	18.65	21.50	<=30	Pass
		Edge_1RB_Left	16.96	15.91	19.48	18.66	18.41	21.55	<=30	Pass
		Edge_1RB_Right	16.95	15.93	19.48	18.65	18.43	21.55	<=30	Pass
	3750	Outer_Full	16.83	16.14	19.51	18.53	18.64	21.60	<=30	Pass
		Inner_Full	16.91	16.21	19.59	18.61	18.71	21.67	<=30	Pass
		Inner_1RB_Left	17.00	15.99	19.54	18.70	18.49	21.61	<=30	Pass
		Inner_1RB_Right	17.04	15.90	19.52	18.74	18.40	21.58	<=30	Pass
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

2. Frequency Stability

2.1 Test Result

2.1.1 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	-21.00	-0.0056	>=-2.5 & <=2.5	Pass
				HV	-4.30	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-15.30	-0.0041	>=-2.5 & <=2.5	Pass
			-20	NV	-8.70	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-15.50	-0.0041	>=-2.5 & <=2.5	Pass
			0	NV	-11.20	-0.0030	>=-2.5 & <=2.5	Pass
			10	NV	-8.10	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-15.60	-0.0042	>=-2.5 & <=2.5	Pass
			30	NV	5.00	0.0013	>=-2.5 & <=2.5	Pass

			40	NV	-6.90	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.90	-0.0013	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	-12.20	-0.0033	≥ -2.5 & ≤ 2.5	Pass
				HV	-20.10	-0.0054	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-20.50	-0.0055	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	18.70	0.0050	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-15.70	-0.0042	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-1.30	-0.0003	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.30	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.10	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-15.80	-0.0042	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.50	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			50	NV	5.10	0.0014	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-12.50	-0.0033	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.50	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.20	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-16.10	-0.0043	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-16.30	-0.0043	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-15.00	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-11.00	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-8.20	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.30	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-17.00	-0.0045	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-7.00	-0.0019	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-12.20	-0.0033	≥ -2.5 & ≤ 2.5	Pass
				HV	-25.90	-0.0069	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-14.80	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	9.10	0.0024	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-12.60	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.60	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-9.30	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-10.80	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-24.40	-0.0065	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-6.90	-0.0018	≥ -2.5 & ≤ 2.5	Pass
				HV	-15.30	-0.0041	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.90	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.70	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-15.20	-0.0041	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-8.90	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-14.50	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-11.70	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-18.00	-0.0048	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-14.50	-0.0039	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-8.40	-0.0022	≥ -2.5 & ≤ 2.5	Pass
				HV	-13.70	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-16.10	-0.0043	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.00	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-9.60	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-14.40	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-11.70	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-12.40	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-14.80	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-11.90	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-10.70	-0.0029	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-11.20	-0.0030	≥ -2.5 & ≤ 2.5	Pass
				HV	-11.80	-0.0031	≥ -2.5 & ≤ 2.5	Pass

			-30	NV	-5.80	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-17.50	-0.0047	>=-2.5 & <=2.5	Pass
			-10	NV	-12.60	-0.0034	>=-2.5 & <=2.5	Pass
			0	NV	-12.80	-0.0034	>=-2.5 & <=2.5	Pass
			10	NV	-21.00	-0.0056	>=-2.5 & <=2.5	Pass
			20	NV	-5.90	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-12.70	-0.0034	>=-2.5 & <=2.5	Pass
			40	NV	-10.90	-0.0029	>=-2.5 & <=2.5	Pass
			50	NV	-16.90	-0.0045	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	0.20	0.0001	>=-2.5 & <=2.5	Pass
				HV	-15.40	-0.0041	>=-2.5 & <=2.5	Pass
			-30	NV	4.90	0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-10.30	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-12.30	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-1.40	-0.0004	>=-2.5 & <=2.5	Pass
			20	NV	-5.70	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-7.60	-0.0020	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-18.60	-0.0050	>=-2.5 & <=2.5	Pass
				HV	-16.00	-0.0043	>=-2.5 & <=2.5	Pass
			-30	NV	-11.60	-0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	-4.20	-0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-5.50	-0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-20.00	-0.0053	>=-2.5 & <=2.5	Pass
			10	NV	-10.30	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-19.80	-0.0053	>=-2.5 & <=2.5	Pass
			30	NV	-7.30	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	1.30	0.0003	>=-2.5 & <=2.5	Pass
			50	NV	-8.40	-0.0022	>=-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	18.05	19.65	/	Pass
	3750	Outer_Full	18.15	19.87	/	Pass
	3789.99	Outer_Full	18.09	19.31	/	Pass
DFT-s-OFDM QPSK	3710.01	Outer_Full	18.20	19.77	/	Pass
	3750	Outer_Full	10.45	11.07	/	Pass
	3789.99	Outer_Full	18.09	19.99	/	Pass
DFT-s-OFDM 16 QAM	3710.01	Outer_Full	17.90	19.33	/	Pass
	3750	Outer_Full	16.82	17.55	/	Pass
	3789.99	Outer_Full	18.13	19.48	/	Pass
DFT-s-OFDM 64 QAM	3710.01	Outer_Full	18.11	19.59	/	Pass
	3750	Outer_Full	18.02	19.45	/	Pass
	3789.99	Outer_Full	18.12	19.70	/	Pass
DFT-s-OFDM 256 QAM	3710.01	Outer_Full	18.11	19.69	/	Pass
	3750	Outer_Full	18.07	19.44	/	Pass
	3789.99	Outer_Full	18.04	19.48	/	Pass

CP-OFDM QPSK	3710.01	Outer_Full	18.41	19.91	/	Pass
	3750	Outer_Full	18.40	20.33	/	Pass
	3789.99	Outer_Full	18.42	19.79	/	Pass
CP-OFDM 16 QAM	3710.01	Outer_Full	18.35	20.89	/	Pass
	3750	Outer_Full	18.34	19.92	/	Pass
	3789.99	Outer_Full	18.33	19.79	/	Pass
CP-OFDM 64 QAM	3710.01	Outer_Full	18.33	19.81	/	Pass
	3750	Outer_Full	18.36	21.04	/	Pass
	3789.99	Outer_Full	18.36	19.76	/	Pass
CP-OFDM 256 QAM	3710.01	Outer_Full	18.41	19.40	/	Pass
	3750	Outer_Full	18.30	19.82	/	Pass
	3789.99	Outer_Full	18.46	19.73	/	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	27.06	29.16	/	Pass
	3750	Outer_Full	27.05	28.78	/	Pass
	3784.98	Outer_Full	27.16	29.05	/	Pass
DFT-s-OFDM QPSK	3715.02	Outer_Full	27.08	29.15	/	Pass
	3750	Outer_Full	27.22	28.88	/	Pass
	3784.98	Outer_Full	27.22	28.94	/	Pass
DFT-s-OFDM 16 QAM	3715.02	Outer_Full	27.17	28.95	/	Pass
	3750	Outer_Full	27.05	28.70	/	Pass
	3784.98	Outer_Full	27.20	29.22	/	Pass
DFT-s-OFDM 64 QAM	3715.02	Outer_Full	27.00	29.31	/	Pass
	3750	Outer_Full	27.15	29.33	/	Pass
	3784.98	Outer_Full	15.80	16.57	/	Pass
DFT-s-OFDM 256 QAM	3715.02	Outer_Full	27.11	29.00	/	Pass
	3750	Outer_Full	27.20	28.96	/	Pass
	3784.98	Outer_Full	26.98	28.79	/	Pass
CP-OFDM QPSK	3715.02	Outer_Full	28.12	30.13	/	Pass
	3750	Outer_Full	27.90	29.66	/	Pass
	3784.98	Outer_Full	28.07	31.29	/	Pass
CP-OFDM 16 QAM	3715.02	Outer_Full	28.18	29.91	/	Pass
	3750	Outer_Full	28.12	30.00	/	Pass
	3784.98	Outer_Full	28.16	30.02	/	Pass
CP-OFDM 64 QAM	3715.02	Outer_Full	28.05	29.90	/	Pass
	3750	Outer_Full	22.83	24.02	/	Pass
	3784.98	Outer_Full	28.02	29.75	/	Pass
CP-OFDM 256 QAM	3715.02	Outer_Full	28.14	30.13	/	Pass
	3750	Outer_Full	28.13	30.16	/	Pass
	3784.98	Outer_Full	28.02	29.96	/	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	35.99	38.43	/	Pass
	3750	Outer_Full	36.11	38.49	/	Pass
	3780	Outer_Full	36.73	38.26	/	Pass
DFT-s-OFDM QPSK	3720	Outer_Full	35.89	38.40	/	Pass
	3750	Outer_Full	36.08	38.59	/	Pass

	3780	Outer_Full	36.07	38.78	/	Pass
DFT-s-OFDM 16 QAM	3720	Outer_Full	36.04	38.45	/	Pass
	3750	Outer_Full	36.25	38.75	/	Pass
	3780	Outer_Full	36.02	38.26	/	Pass
DFT-s-OFDM 64 QAM	3720	Outer_Full	36.08	38.92	/	Pass
	3750	Outer_Full	35.98	38.47	/	Pass
	3780	Outer_Full	36.07	38.87	/	Pass
DFT-s-OFDM 256 QAM	3720	Outer_Full	36.18	38.86	/	Pass
	3750	Outer_Full	36.06	38.53	/	Pass
	3780	Outer_Full	36.00	38.35	/	Pass
CP-OFDM QPSK	3720	Outer_Full	38.35	40.48	/	Pass
	3750	Outer_Full	38.17	40.55	/	Pass
	3780	Outer_Full	38.10	40.56	/	Pass
CP-OFDM 16 QAM	3720	Outer_Full	38.08	40.64	/	Pass
	3750	Outer_Full	38.08	40.62	/	Pass
	3780	Outer_Full	38.03	40.80	/	Pass
CP-OFDM 64 QAM	3720	Outer_Full	38.36	40.60	/	Pass
	3750	Outer_Full	38.11	40.65	/	Pass
	3780	Outer_Full	37.95	40.57	/	Pass
CP-OFDM 256 QAM	3720	Outer_Full	38.18	40.53	/	Pass
	3750	Outer_Full	38.24	40.29	/	Pass
	3780	Outer_Full	37.92	40.85	/	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	46.05	49.14	/	Pass
	3750	Outer_Full	45.79	49.10	/	Pass
	3774.99	Outer_Full	46.05	49.20	/	Pass
DFT-s-OFDM QPSK	3725.01	Outer_Full	46.15	49.21	/	Pass
	3750	Outer_Full	46.28	49.19	/	Pass
	3774.99	Outer_Full	45.99	49.24	/	Pass
DFT-s-OFDM 16 QAM	3725.01	Outer_Full	46.16	49.36	/	Pass
	3750	Outer_Full	46.24	49.17	/	Pass
	3774.99	Outer_Full	46.12	49.20	/	Pass
DFT-s-OFDM 64 QAM	3725.01	Outer_Full	46.22	49.07	/	Pass
	3750	Outer_Full	45.83	48.95	/	Pass
	3774.99	Outer_Full	46.13	49.18	/	Pass
DFT-s-OFDM 256 QAM	3725.01	Outer_Full	46.16	49.14	/	Pass
	3750	Outer_Full	45.94	49.05	/	Pass
	3774.99	Outer_Full	45.76	49.02	/	Pass
CP-OFDM QPSK	3725.01	Outer_Full	47.72	51.00	/	Pass
	3750	Outer_Full	47.79	51.02	/	Pass
	3774.99	Outer_Full	47.48	50.93	/	Pass
CP-OFDM 16 QAM	3725.01	Outer_Full	47.82	51.00	/	Pass
	3750	Outer_Full	47.66	50.98	/	Pass
	3774.99	Outer_Full	47.51	50.79	/	Pass
CP-OFDM 64 QAM	3725.01	Outer_Full	48.06	51.16	/	Pass
	3750	Outer_Full	47.77	50.80	/	Pass
	3774.99	Outer_Full	47.85	51.00	/	Pass
CP-OFDM 256 QAM	3725.01	Outer_Full	47.40	50.95	/	Pass
	3750	Outer_Full	47.94	51.04	/	Pass
	3774.99	Outer_Full	47.80	50.81	/	Pass

3.1.5 30k_SISO_60MHz_NTNV

5G NR n78a SCS=30kHz SISO 60MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3730.02	Outer_Full	57.88	62.10	/	Pass
	3750	Outer_Full	58.04	61.80	/	Pass
	3769.98	Outer_Full	58.03	61.60	/	Pass
DFT-s-OFDM QPSK	3730.02	Outer_Full	58.63	62.02	/	Pass
	3750	Outer_Full	58.16	62.34	/	Pass
	3769.98	Outer_Full	58.14	62.14	/	Pass
DFT-s-OFDM 16 QAM	3730.02	Outer_Full	58.23	61.82	/	Pass
	3750	Outer_Full	58.12	61.78	/	Pass
	3769.98	Outer_Full	57.88	62.11	/	Pass
DFT-s-OFDM 64 QAM	3730.02	Outer_Full	58.57	62.25	/	Pass
	3750	Outer_Full	58.16	62.11	/	Pass
	3769.98	Outer_Full	58.26	62.03	/	Pass
DFT-s-OFDM 256 QAM	3730.02	Outer_Full	58.48	62.12	/	Pass
	3750	Outer_Full	58.22	61.89	/	Pass
	3769.98	Outer_Full	58.20	61.89	/	Pass
CP-OFDM QPSK	3730.02	Outer_Full	58.49	62.33	/	Pass
	3750	Outer_Full	57.97	62.17	/	Pass
	3769.98	Outer_Full	58.00	61.86	/	Pass
CP-OFDM 16 QAM	3730.02	Outer_Full	58.16	62.05	/	Pass
	3750	Outer_Full	58.29	61.97	/	Pass
	3769.98	Outer_Full	57.88	61.88	/	Pass
CP-OFDM 64 QAM	3730.02	Outer_Full	58.27	62.22	/	Pass
	3750	Outer_Full	58.21	62.11	/	Pass
	3769.98	Outer_Full	58.02	61.89	/	Pass
CP-OFDM 256 QAM	3730.02	Outer_Full	58.59	62.02	/	Pass
	3750	Outer_Full	58.18	61.88	/	Pass
	3769.98	Outer_Full	57.97	62.23	/	Pass

3.1.6 30k_SISO_70MHz_NTNV

5G NR n78a SCS=30kHz SISO 70MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3735	Outer_Full	64.96	69.70	/	Pass
	3750	Outer_Full	64.71	69.48	/	Pass
	3765	Outer_Full	64.59	69.04	/	Pass
DFT-s-OFDM QPSK	3735	Outer_Full	65.43	69.24	/	Pass
	3750	Outer_Full	64.66	69.42	/	Pass
	3765	Outer_Full	64.76	69.02	/	Pass
DFT-s-OFDM 16 QAM	3735	Outer_Full	65.15	69.46	/	Pass
	3750	Outer_Full	64.96	69.36	/	Pass
	3765	Outer_Full	64.38	69.04	/	Pass
DFT-s-OFDM 64 QAM	3735	Outer_Full	64.97	69.47	/	Pass
	3750	Outer_Full	64.65	69.03	/	Pass
	3765	Outer_Full	64.36	69.44	/	Pass
DFT-s-OFDM 256 QAM	3735	Outer_Full	64.46	69.34	/	Pass
	3750	Outer_Full	64.91	69.12	/	Pass
	3765	Outer_Full	64.68	69.29	/	Pass
CP-OFDM QPSK	3735	Outer_Full	68.18	72.63	/	Pass
	3750	Outer_Full	67.85	72.39	/	Pass
	3765	Outer_Full	67.92	72.24	/	Pass
CP-OFDM 16 QAM	3735	Outer_Full	68.06	71.90	/	Pass

CP-OFDM 64 QAM	3750	Outer_Full	68.21	72.35	/	Pass
	3765	Outer_Full	67.82	72.45	/	Pass
	3735	Outer_Full	68.25	73.28	/	Pass
	3750	Outer_Full	68.02	74.11	/	Pass
	3765	Outer_Full	67.88	78.77	/	Pass
CP-OFDM 256 QAM	3735	Outer_Full	68.28	72.74	/	Pass
	3750	Outer_Full	67.94	72.64	/	Pass
	3765	Outer_Full	68.02	72.36	/	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	77.72	82.90	/	Pass
	3750	Outer_Full	77.89	82.75	/	Pass
	3759.99	Outer_Full	77.45	82.39	/	Pass
DFT-s-OFDM QPSK	3740.01	Outer_Full	77.45	82.62	/	Pass
	3750	Outer_Full	77.29	82.66	/	Pass
	3759.99	Outer_Full	77.53	82.67	/	Pass
DFT-s-OFDM 16 QAM	3740.01	Outer_Full	77.45	83.11	/	Pass
	3750	Outer_Full	78.19	82.50	/	Pass
	3759.99	Outer_Full	77.60	82.47	/	Pass
DFT-s-OFDM 64 QAM	3740.01	Outer_Full	77.88	82.64	/	Pass
	3750	Outer_Full	77.51	81.95	/	Pass
	3759.99	Outer_Full	77.71	82.51	/	Pass
DFT-s-OFDM 256 QAM	3740.01	Outer_Full	77.55	82.69	/	Pass
	3750	Outer_Full	77.28	82.89	/	Pass
	3759.99	Outer_Full	77.61	82.58	/	Pass
CP-OFDM QPSK	3740.01	Outer_Full	78.28	83.08	/	Pass
	3750	Outer_Full	77.97	83.21	/	Pass
	3759.99	Outer_Full	77.90	83.06	/	Pass
CP-OFDM 16 QAM	3740.01	Outer_Full	77.93	83.56	/	Pass
	3750	Outer_Full	78.19	83.22	/	Pass
	3759.99	Outer_Full	78.22	83.12	/	Pass
CP-OFDM 64 QAM	3740.01	Outer_Full	78.18	82.99	/	Pass
	3750	Outer_Full	77.94	83.04	/	Pass
	3759.99	Outer_Full	77.95	83.05	/	Pass
CP-OFDM 256 QAM	3740.01	Outer_Full	77.86	82.71	/	Pass
	3750	Outer_Full	78.00	82.89	/	Pass
	3759.99	Outer_Full	77.46	83.02	/	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	87.42	92.99	/	Pass
	3750	Outer_Full	87.24	92.81	/	Pass
	3754.98	Outer_Full	87.38	93.10	/	Pass
DFT-s-OFDM QPSK	3745.02	Outer_Full	87.12	92.59	/	Pass
	3750	Outer_Full	87.20	92.85	/	Pass
	3754.98	Outer_Full	87.20	92.75	/	Pass
DFT-s-OFDM 16 QAM	3745.02	Outer_Full	86.86	93.14	/	Pass
	3750	Outer_Full	87.32	92.99	/	Pass
	3754.98	Outer_Full	87.25	92.83	/	Pass

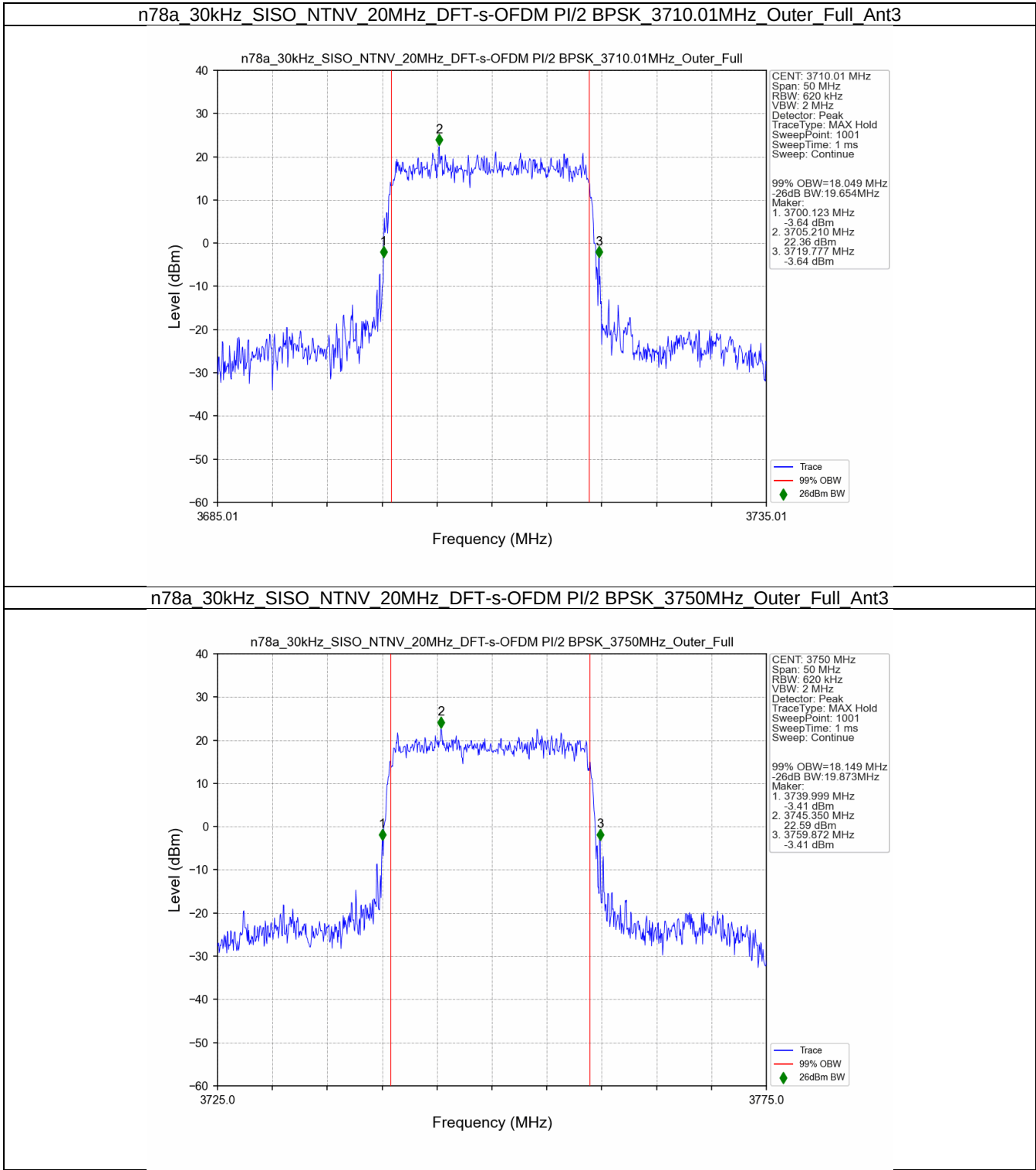
DFT-s-OFDM 64 QAM	3745.02	Outer_Full	87.25	93.00	/	Pass
	3750	Outer_Full	87.07	92.33	/	Pass
	3754.98	Outer_Full	87.07	92.72	/	Pass
DFT-s-OFDM 256 QAM	3745.02	Outer_Full	87.30	92.85	/	Pass
	3750	Outer_Full	87.23	92.68	/	Pass
	3754.98	Outer_Full	87.02	92.55	/	Pass
CP-OFDM QPSK	3745.02	Outer_Full	88.00	93.24	/	Pass
	3750	Outer_Full	87.83	93.51	/	Pass
	3754.98	Outer_Full	88.18	93.47	/	Pass
CP-OFDM 16 QAM	3745.02	Outer_Full	87.89	93.74	/	Pass
	3750	Outer_Full	88.68	93.72	/	Pass
	3754.98	Outer_Full	88.11	93.51	/	Pass
CP-OFDM 64 QAM	3745.02	Outer_Full	87.93	93.47	/	Pass
	3750	Outer_Full	88.16	93.25	/	Pass
	3754.98	Outer_Full	88.44	93.36	/	Pass
CP-OFDM 256 QAM	3745.02	Outer_Full	87.97	93.61	/	Pass
	3750	Outer_Full	87.87	93.60	/	Pass
	3754.98	Outer_Full	88.40	93.71	/	Pass

3.1.9 30k_SISO_100MHz_NTNV

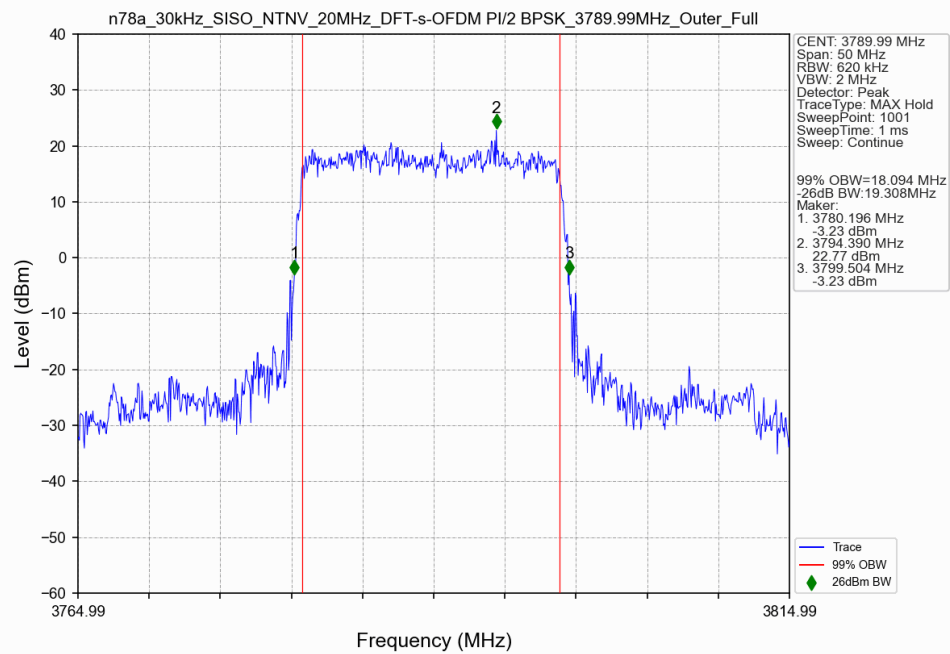
5G NR n78a SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	96.85	103.41	/	Pass
	3750	Outer_Full	97.02	103.31	/	Pass
	3750	Outer_Full	96.96	103.04	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	96.87	103.53	/	Pass
	3750	Outer_Full	96.84	103.19	/	Pass
	3750	Outer_Full	96.76	103.38	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	97.07	103.48	/	Pass
	3750	Outer_Full	97.39	103.23	/	Pass
	3750	Outer_Full	97.08	102.93	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	97.09	102.97	/	Pass
	3750	Outer_Full	96.41	103.37	/	Pass
	3750	Outer_Full	96.87	103.32	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	96.97	103.18	/	Pass
	3750	Outer_Full	97.42	103.21	/	Pass
	3750	Outer_Full	97.26	103.61	/	Pass
CP-OFDM QPSK	3750	Outer_Full	97.91	104.39	/	Pass
	3750	Outer_Full	98.15	104.02	/	Pass
	3750	Outer_Full	98.50	104.84	/	Pass
CP-OFDM 16 QAM	3750	Outer_Full	98.06	104.04	/	Pass
	3750	Outer_Full	98.17	104.27	/	Pass
	3750	Outer_Full	98.16	104.44	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	98.47	104.23	/	Pass
	3750	Outer_Full	97.81	104.32	/	Pass
	3750	Outer_Full	98.05	104.16	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	98.17	104.12	/	Pass
	3750	Outer_Full	97.91	104.40	/	Pass
	3750	Outer_Full	98.04	104.19	/	Pass

3.2 Test Graph

3.2.1 30k_SISO_20MHz_NTNV



n78a 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3789.99MHz Outer Full Ant3



n78a 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3710.01MHz Outer Full Ant3

