

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30k_SISO_10MHz_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant13	Ant2	Sum	Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3705	Edge_1RB_Left	23.68	/	/	24.08	/	/	<=30	Pass
		Edge_1RB_Right	23.68	/	/	24.08	/	/	<=30	Pass
		Outer_Full	23.78	/	/	24.18	/	/	<=30	Pass
		Inner_Full	24.34	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Left	24.22	/	/	24.62	/	/	<=30	Pass
		Inner_1RB_Right	24.21	/	/	24.61	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.75	/	/	24.15	/	/	<=30	Pass
		Edge_1RB_Right	23.70	/	/	24.10	/	/	<=30	Pass
		Outer_Full	23.77	/	/	24.17	/	/	<=30	Pass
		Inner_Full	24.32	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Left	24.26	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Right	24.19	/	/	24.59	/	/	<=30	Pass
	3975	Edge_1RB_Left	23.49	/	/	23.89	/	/	<=30	Pass
		Edge_1RB_Right	23.54	/	/	23.94	/	/	<=30	Pass
		Outer_Full	23.53	/	/	23.93	/	/	<=30	Pass
		Inner_Full	24.09	/	/	24.49	/	/	<=30	Pass
		Inner_1RB_Left	23.99	/	/	24.39	/	/	<=30	Pass
		Inner_1RB_Right	23.98	/	/	24.38	/	/	<=30	Pass
DFT-s-OFDM QPSK	3705	Edge_1RB_Left	23.16	/	/	23.56	/	/	<=30	Pass
		Edge_1RB_Right	23.26	/	/	23.66	/	/	<=30	Pass
		Outer_Full	23.27	/	/	23.67	/	/	<=30	Pass
		Inner_Full	24.39	/	/	24.79	/	/	<=30	Pass
		Inner_1RB_Left	24.19	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Right	24.21	/	/	24.61	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.26	/	/	23.66	/	/	<=30	Pass
		Edge_1RB_Right	23.23	/	/	23.63	/	/	<=30	Pass
		Outer_Full	23.26	/	/	23.66	/	/	<=30	Pass
		Inner_Full	24.33	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Left	24.28	/	/	24.68	/	/	<=30	Pass
		Inner_1RB_Right	24.30	/	/	24.70	/	/	<=30	Pass
	3975	Edge_1RB_Left	23.00	/	/	23.40	/	/	<=30	Pass
		Edge_1RB_Right	22.95	/	/	23.35	/	/	<=30	Pass
		Outer_Full	23.06	/	/	23.46	/	/	<=30	Pass
		Inner_Full	24.06	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Left	23.95	/	/	24.35	/	/	<=30	Pass
		Inner_1RB_Right	24.02	/	/	24.42	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3705	Edge_1RB_Left	22.14	/	/	22.54	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	22.65	/	/	<=30	Pass
		Outer_Full	22.32	/	/	22.72	/	/	<=30	Pass
		Inner_Full	23.36	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Left	23.24	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Right	23.14	/	/	23.54	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.17	/	/	22.57	/	/	<=30	Pass
		Edge_1RB_Right	22.18	/	/	22.58	/	/	<=30	Pass
		Outer_Full	22.34	/	/	22.74	/	/	<=30	Pass
		Inner_Full	23.31	/	/	23.71	/	/	<=30	Pass
		Inner_1RB_Left	23.12	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Right	23.16	/	/	23.56	/	/	<=30	Pass
	3975	Edge_1RB_Left	21.91	/	/	22.31	/	/	<=30	Pass

		Edge 1RB Right	22.06	/	/	22.46	/	/	<=30	Pass
		Outer_Full	22.06	/	/	22.46	/	/	<=30	Pass
		Inner_Full	23.09	/	/	23.49	/	/	<=30	Pass
		Inner 1RB Left	23.00	/	/	23.40	/	/	<=30	Pass
		Inner 1RB Right	22.97	/	/	23.37	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3705	Edge 1RB Left	21.79	/	/	22.19	/	/	<=30	Pass
		Edge 1RB Right	21.67	/	/	22.07	/	/	<=30	Pass
		Outer_Full	22.29	/	/	22.69	/	/	<=30	Pass
		Inner_Full	22.30	/	/	22.70	/	/	<=30	Pass
		Inner 1RB Left	21.99	/	/	22.39	/	/	<=30	Pass
		Inner 1RB Right	22.10	/	/	22.50	/	/	<=30	Pass
		Edge 1RB Left	21.83	/	/	22.23	/	/	<=30	Pass
	3840	Edge 1RB Right	21.80	/	/	22.20	/	/	<=30	Pass
		Outer_Full	22.27	/	/	22.67	/	/	<=30	Pass
		Inner_Full	22.02	/	/	22.42	/	/	<=30	Pass
		Inner 1RB Left	21.93	/	/	22.33	/	/	<=30	Pass
		Inner 1RB Right	21.87	/	/	22.27	/	/	<=30	Pass
	3975	Edge 1RB Left	21.65	/	/	22.05	/	/	<=30	Pass
		Edge 1RB Right	21.49	/	/	21.89	/	/	<=30	Pass
		Outer_Full	21.99	/	/	22.39	/	/	<=30	Pass
		Inner_Full	22.16	/	/	22.56	/	/	<=30	Pass
		Inner 1RB Left	21.80	/	/	22.20	/	/	<=30	Pass
		Inner 1RB Right	21.91	/	/	22.31	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3705	Edge 1RB Left	20.19	/	/	20.59	/	/	<=30	Pass
		Edge 1RB Right	20.20	/	/	20.60	/	/	<=30	Pass
		Outer_Full	21.29	/	/	21.69	/	/	<=30	Pass
		Inner_Full	21.32	/	/	21.72	/	/	<=30	Pass
		Inner 1RB Left	21.17	/	/	21.57	/	/	<=30	Pass
		Inner 1RB Right	21.19	/	/	21.59	/	/	<=30	Pass
	3840	Edge 1RB Left	20.09	/	/	20.49	/	/	<=30	Pass
		Edge 1RB Right	20.03	/	/	20.43	/	/	<=30	Pass
		Outer_Full	21.12	/	/	21.52	/	/	<=30	Pass
		Inner_Full	21.13	/	/	21.53	/	/	<=30	Pass
		Inner 1RB Left	21.06	/	/	21.46	/	/	<=30	Pass
		Inner 1RB Right	20.93	/	/	21.33	/	/	<=30	Pass
	3975	Edge 1RB Left	19.88	/	/	20.28	/	/	<=30	Pass
		Edge 1RB Right	19.97	/	/	20.37	/	/	<=30	Pass
		Outer_Full	21.08	/	/	21.48	/	/	<=30	Pass
		Inner_Full	21.05	/	/	21.45	/	/	<=30	Pass
		Inner 1RB Left	20.94	/	/	21.34	/	/	<=30	Pass
		Inner 1RB Right	20.96	/	/	21.36	/	/	<=30	Pass
CP-OFDM QPSK	3705	Edge 1RB Left	21.45	/	/	21.85	/	/	<=30	Pass
		Edge 1RB Right	21.38	/	/	21.78	/	/	<=30	Pass
		Outer_Full	22.30	/	/	22.70	/	/	<=30	Pass
		Inner_Full	23.81	/	/	24.21	/	/	<=30	Pass
		Inner 1RB Left	23.77	/	/	24.17	/	/	<=30	Pass
		Inner 1RB Right	23.81	/	/	24.21	/	/	<=30	Pass
	3840	Edge 1RB Left	21.29	/	/	21.69	/	/	<=30	Pass
		Edge 1RB Right	21.20	/	/	21.60	/	/	<=30	Pass
		Outer_Full	22.19	/	/	22.59	/	/	<=30	Pass
		Inner_Full	23.66	/	/	24.06	/	/	<=30	Pass
		Inner 1RB Left	23.57	/	/	23.97	/	/	<=30	Pass
		Inner 1RB Right	23.37	/	/	23.77	/	/	<=30	Pass
	3975	Edge 1RB Left	21.21	/	/	21.61	/	/	<=30	Pass
		Edge 1RB Right	21.26	/	/	21.66	/	/	<=30	Pass
		Outer_Full	22.05	/	/	22.45	/	/	<=30	Pass
		Inner_Full	23.52	/	/	23.92	/	/	<=30	Pass
		Inner 1RB Left	23.72	/	/	24.12	/	/	<=30	Pass
		Inner 1RB Right	23.54	/	/	23.94	/	/	<=30	Pass

CP-OFDM 16 QAM	3705	Edge 1RB Left	21.54	/	/	21.94	/	/	<=30	Pass
		Edge 1RB Right	21.34	/	/	21.74	/	/	<=30	Pass
		Outer_Full	22.19	/	/	22.59	/	/	<=30	Pass
		Inner_Full	23.23	/	/	23.63	/	/	<=30	Pass
		Inner 1RB Left	23.21	/	/	23.61	/	/	<=30	Pass
		Inner 1RB Right	23.15	/	/	23.55	/	/	<=30	Pass
	3840	Edge 1RB Left	21.31	/	/	21.71	/	/	<=30	Pass
		Edge 1RB Right	21.24	/	/	21.64	/	/	<=30	Pass
		Outer_Full	22.03	/	/	22.43	/	/	<=30	Pass
		Inner_Full	23.14	/	/	23.54	/	/	<=30	Pass
		Inner 1RB Left	23.07	/	/	23.47	/	/	<=30	Pass
		Inner 1RB Right	22.93	/	/	23.33	/	/	<=30	Pass
	3975	Edge 1RB Left	21.32	/	/	21.72	/	/	<=30	Pass
		Edge 1RB Right	21.14	/	/	21.54	/	/	<=30	Pass
		Outer_Full	22.06	/	/	22.46	/	/	<=30	Pass
		Inner_Full	23.03	/	/	23.43	/	/	<=30	Pass
		Inner 1RB Left	23.03	/	/	23.43	/	/	<=30	Pass
		Inner 1RB Right	22.88	/	/	23.28	/	/	<=30	Pass
CP-OFDM 64 QAM	3705	Edge 1RB Left	20.85	/	/	21.25	/	/	<=30	Pass
		Edge 1RB Right	20.71	/	/	21.11	/	/	<=30	Pass
		Outer_Full	22.38	/	/	22.78	/	/	<=30	Pass
		Inner_Full	22.65	/	/	23.05	/	/	<=30	Pass
		Inner 1RB Left	22.64	/	/	23.04	/	/	<=30	Pass
		Inner 1RB Right	22.52	/	/	22.92	/	/	<=30	Pass
	3840	Edge 1RB Left	20.58	/	/	20.98	/	/	<=30	Pass
		Edge 1RB Right	20.56	/	/	20.96	/	/	<=30	Pass
		Outer_Full	22.14	/	/	22.54	/	/	<=30	Pass
		Inner_Full	22.62	/	/	23.02	/	/	<=30	Pass
		Inner 1RB Left	22.45	/	/	22.85	/	/	<=30	Pass
		Inner 1RB Right	22.46	/	/	22.86	/	/	<=30	Pass
	3975	Edge 1RB Left	20.54	/	/	20.94	/	/	<=30	Pass
		Edge 1RB Right	20.69	/	/	21.09	/	/	<=30	Pass
		Outer_Full	22.04	/	/	22.44	/	/	<=30	Pass
		Inner_Full	22.44	/	/	22.84	/	/	<=30	Pass
		Inner 1RB Left	22.31	/	/	22.71	/	/	<=30	Pass
		Inner 1RB Right	22.26	/	/	22.66	/	/	<=30	Pass
CP-OFDM 256 QAM	3705	Edge 1RB Left	18.18	/	/	18.58	/	/	<=30	Pass
		Edge 1RB Right	18.27	/	/	18.67	/	/	<=30	Pass
		Outer_Full	19.86	/	/	20.26	/	/	<=30	Pass
		Inner_Full	19.97	/	/	20.37	/	/	<=30	Pass
		Inner 1RB Left	19.77	/	/	20.17	/	/	<=30	Pass
		Inner 1RB Right	19.80	/	/	20.20	/	/	<=30	Pass
	3840	Edge 1RB Left	18.12	/	/	18.52	/	/	<=30	Pass
		Edge 1RB Right	18.04	/	/	18.44	/	/	<=30	Pass
		Outer_Full	19.72	/	/	20.12	/	/	<=30	Pass
		Inner_Full	19.60	/	/	20.00	/	/	<=30	Pass
		Inner 1RB Left	19.64	/	/	20.04	/	/	<=30	Pass
		Inner 1RB Right	19.48	/	/	19.88	/	/	<=30	Pass
	3975	Edge 1RB Left	18.04	/	/	18.44	/	/	<=30	Pass
		Edge 1RB Right	18.11	/	/	18.51	/	/	<=30	Pass
		Outer_Full	19.60	/	/	20.00	/	/	<=30	Pass
		Inner_Full	19.63	/	/	20.03	/	/	<=30	Pass
		Inner 1RB Left	19.60	/	/	20.00	/	/	<=30	Pass
		Inner 1RB Right	19.54	/	/	19.94	/	/	<=30	Pass
Note1: Antenna Gain: Ant13: 0.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30k_SISO_15MHz_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant13	Ant2	Sum	Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3707.52	Edge 1RB Left	23.53	/	/	23.93	/	/	<=30	Pass
		Edge 1RB Right	23.66	/	/	24.06	/	/	<=30	Pass
		Outer Full	23.53	/	/	23.93	/	/	<=30	Pass
		Inner Full	24.13	/	/	24.53	/	/	<=30	Pass
		Inner 1RB Left	24.08	/	/	24.48	/	/	<=30	Pass
		Inner 1RB Right	24.20	/	/	24.60	/	/	<=30	Pass
	3840	Edge 1RB Left	23.70	/	/	24.10	/	/	<=30	Pass
		Edge 1RB Right	23.66	/	/	24.06	/	/	<=30	Pass
		Outer Full	23.61	/	/	24.01	/	/	<=30	Pass
		Inner Full	24.19	/	/	24.59	/	/	<=30	Pass
		Inner 1RB Left	24.10	/	/	24.50	/	/	<=30	Pass
		Inner 1RB Right	24.19	/	/	24.59	/	/	<=30	Pass
	3972.48	Edge 1RB Left	23.70	/	/	24.10	/	/	<=30	Pass
		Edge 1RB Right	23.75	/	/	24.15	/	/	<=30	Pass
		Outer Full	23.73	/	/	24.13	/	/	<=30	Pass
		Inner Full	24.19	/	/	24.59	/	/	<=30	Pass
		Inner 1RB Left	24.21	/	/	24.61	/	/	<=30	Pass
		Inner 1RB Right	24.18	/	/	24.58	/	/	<=30	Pass
DFT-s-OFDM QPSK	3707.52	Edge 1RB Left	23.04	/	/	23.44	/	/	<=30	Pass
		Edge 1RB Right	23.16	/	/	23.56	/	/	<=30	Pass
		Outer Full	23.08	/	/	23.48	/	/	<=30	Pass
		Inner Full	24.11	/	/	24.51	/	/	<=30	Pass
		Inner 1RB Left	24.01	/	/	24.41	/	/	<=30	Pass
		Inner 1RB Right	24.21	/	/	24.61	/	/	<=30	Pass
	3840	Edge 1RB Left	23.09	/	/	23.49	/	/	<=30	Pass
		Edge 1RB Right	23.13	/	/	23.53	/	/	<=30	Pass
		Outer Full	23.21	/	/	23.61	/	/	<=30	Pass
		Inner Full	24.27	/	/	24.67	/	/	<=30	Pass
		Inner 1RB Left	24.16	/	/	24.56	/	/	<=30	Pass
		Inner 1RB Right	24.12	/	/	24.52	/	/	<=30	Pass
	3972.48	Edge 1RB Left	23.25	/	/	23.65	/	/	<=30	Pass
		Edge 1RB Right	23.22	/	/	23.62	/	/	<=30	Pass
		Outer Full	23.22	/	/	23.62	/	/	<=30	Pass
		Inner Full	24.23	/	/	24.63	/	/	<=30	Pass
		Inner 1RB Left	24.30	/	/	24.70	/	/	<=30	Pass
		Inner 1RB Right	24.22	/	/	24.62	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3707.52	Edge 1RB Left	22.09	/	/	22.49	/	/	<=30	Pass
		Edge 1RB Right	22.23	/	/	22.63	/	/	<=30	Pass
		Outer Full	21.91	/	/	22.31	/	/	<=30	Pass
		Inner Full	23.11	/	/	23.51	/	/	<=30	Pass
		Inner 1RB Left	22.98	/	/	23.38	/	/	<=30	Pass
		Inner 1RB Right	23.17	/	/	23.57	/	/	<=30	Pass
	3840	Edge 1RB Left	22.11	/	/	22.51	/	/	<=30	Pass
		Edge 1RB Right	22.08	/	/	22.48	/	/	<=30	Pass
		Outer Full	22.20	/	/	22.60	/	/	<=30	Pass
		Inner Full	23.12	/	/	23.52	/	/	<=30	Pass
		Inner 1RB Left	23.09	/	/	23.49	/	/	<=30	Pass
		Inner 1RB Right	23.05	/	/	23.45	/	/	<=30	Pass
	3972.48	Edge 1RB Left	22.20	/	/	22.60	/	/	<=30	Pass
		Edge 1RB Right	22.20	/	/	22.60	/	/	<=30	Pass
		Outer Full	22.30	/	/	22.70	/	/	<=30	Pass
		Inner Full	23.26	/	/	23.66	/	/	<=30	Pass
		Inner 1RB Left	23.32	/	/	23.72	/	/	<=30	Pass
		Inner 1RB Right	23.12	/	/	23.52	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3707.52	Edge 1RB Left	21.65	/	/	22.05	/	/	<=30	Pass
		Edge 1RB Right	21.65	/	/	22.05	/	/	<=30	Pass

		Outer_Full	22.11	/	/	22.51	/	/	<=30	Pass
		Inner_Full	22.07	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Left	21.87	/	/	22.27	/	/	<=30	Pass
		Inner_1RB_Right	22.01	/	/	22.41	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.71	/	/	22.11	/	/	<=30	Pass
		Edge_1RB_Right	21.67	/	/	22.07	/	/	<=30	Pass
		Outer_Full	22.18	/	/	22.58	/	/	<=30	Pass
		Inner_Full	22.16	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Left	22.04	/	/	22.44	/	/	<=30	Pass
		Inner_1RB_Right	21.93	/	/	22.33	/	/	<=30	Pass
	3972.48	Edge_1RB_Left	21.67	/	/	22.07	/	/	<=30	Pass
		Edge_1RB_Right	21.77	/	/	22.17	/	/	<=30	Pass
		Outer_Full	22.23	/	/	22.63	/	/	<=30	Pass
		Inner_Full	22.16	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Left	22.07	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Right	21.96	/	/	22.36	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3707.52	Edge_1RB_Left	20.04	/	/	20.44	/	/	<=30	Pass
		Edge_1RB_Right	20.07	/	/	20.47	/	/	<=30	Pass
		Outer_Full	21.13	/	/	21.53	/	/	<=30	Pass
		Inner_Full	21.19	/	/	21.59	/	/	<=30	Pass
		Inner_1RB_Left	21.09	/	/	21.49	/	/	<=30	Pass
		Inner_1RB_Right	21.15	/	/	21.55	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.20	/	/	20.60	/	/	<=30	Pass
		Edge_1RB_Right	20.02	/	/	20.42	/	/	<=30	Pass
		Outer_Full	21.15	/	/	21.55	/	/	<=30	Pass
		Inner_Full	21.24	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Left	21.00	/	/	21.40	/	/	<=30	Pass
		Inner_1RB_Right	21.04	/	/	21.44	/	/	<=30	Pass
	3972.48	Edge_1RB_Left	20.23	/	/	20.63	/	/	<=30	Pass
		Edge_1RB_Right	20.18	/	/	20.58	/	/	<=30	Pass
		Outer_Full	21.27	/	/	21.67	/	/	<=30	Pass
		Inner_Full	21.24	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Left	21.19	/	/	21.59	/	/	<=30	Pass
		Inner_1RB_Right	21.15	/	/	21.55	/	/	<=30	Pass
CP-OFDM QPSK	3707.52	Edge_1RB_Left	21.35	/	/	21.75	/	/	<=30	Pass
		Edge_1RB_Right	21.40	/	/	21.80	/	/	<=30	Pass
		Outer_Full	22.09	/	/	22.49	/	/	<=30	Pass
		Inner_Full	23.61	/	/	24.01	/	/	<=30	Pass
		Inner_1RB_Left	23.64	/	/	24.04	/	/	<=30	Pass
		Inner_1RB_Right	23.62	/	/	24.02	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.45	/	/	21.85	/	/	<=30	Pass
		Edge_1RB_Right	21.36	/	/	21.76	/	/	<=30	Pass
		Outer_Full	22.29	/	/	22.69	/	/	<=30	Pass
		Inner_Full	23.75	/	/	24.15	/	/	<=30	Pass
		Inner_1RB_Left	23.82	/	/	24.22	/	/	<=30	Pass
		Inner_1RB_Right	23.59	/	/	23.99	/	/	<=30	Pass
	3972.48	Edge_1RB_Left	21.53	/	/	21.93	/	/	<=30	Pass
		Edge_1RB_Right	21.53	/	/	21.93	/	/	<=30	Pass
		Outer_Full	22.26	/	/	22.66	/	/	<=30	Pass
		Inner_Full	23.71	/	/	24.11	/	/	<=30	Pass
		Inner_1RB_Left	23.79	/	/	24.19	/	/	<=30	Pass
		Inner_1RB_Right	23.69	/	/	24.09	/	/	<=30	Pass
CP-OFDM 16 QAM	3707.52	Edge_1RB_Left	21.30	/	/	21.70	/	/	<=30	Pass
		Edge_1RB_Right	21.44	/	/	21.84	/	/	<=30	Pass
		Outer_Full	22.10	/	/	22.50	/	/	<=30	Pass
		Inner_Full	23.12	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Left	23.16	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Right	23.20	/	/	23.60	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.48	/	/	21.88	/	/	<=30	Pass

		Edge_1RB_Right	21.37	/	/	21.77	/	/	<=30	Pass
		Outer_Full	22.15	/	/	22.55	/	/	<=30	Pass
		Inner_Full	23.22	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Left	23.21	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Right	23.13	/	/	23.53	/	/	<=30	Pass
	3972.48	Edge_1RB_Left	21.47	/	/	21.87	/	/	<=30	Pass
		Edge_1RB_Right	21.46	/	/	21.86	/	/	<=30	Pass
		Outer_Full	22.27	/	/	22.67	/	/	<=30	Pass
		Inner_Full	23.26	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Left	23.24	/	/	23.64	/	/	<=30	Pass
	Inner_1RB_Right	23.27	/	/	23.67	/	/	<=30	Pass	
CP-OFDM 64 QAM	3707.52	Edge_1RB_Left	20.82	/	/	21.22	/	/	<=30	Pass
		Edge_1RB_Right	20.78	/	/	21.18	/	/	<=30	Pass
		Outer_Full	22.02	/	/	22.42	/	/	<=30	Pass
		Inner_Full	22.72	/	/	23.12	/	/	<=30	Pass
		Inner_1RB_Left	22.40	/	/	22.80	/	/	<=30	Pass
		Inner_1RB_Right	22.46	/	/	22.86	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.78	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	20.74	/	/	21.14	/	/	<=30	Pass
		Outer_Full	22.17	/	/	22.57	/	/	<=30	Pass
		Inner_Full	22.65	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Left	22.64	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Right	22.53	/	/	22.93	/	/	<=30	Pass
	3972.48	Edge_1RB_Left	20.96	/	/	21.36	/	/	<=30	Pass
		Edge_1RB_Right	20.74	/	/	21.14	/	/	<=30	Pass
		Outer_Full	22.16	/	/	22.56	/	/	<=30	Pass
		Inner_Full	22.82	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Left	22.64	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Right	22.72	/	/	23.12	/	/	<=30	Pass
CP-OFDM 256 QAM	3707.52	Edge_1RB_Left	18.08	/	/	18.48	/	/	<=30	Pass
		Edge_1RB_Right	18.26	/	/	18.66	/	/	<=30	Pass
		Outer_Full	19.60	/	/	20.00	/	/	<=30	Pass
		Inner_Full	19.60	/	/	20.00	/	/	<=30	Pass
		Inner_1RB_Left	19.70	/	/	20.10	/	/	<=30	Pass
		Inner_1RB_Right	19.83	/	/	20.23	/	/	<=30	Pass
	3840	Edge_1RB_Left	18.22	/	/	18.62	/	/	<=30	Pass
		Edge_1RB_Right	18.10	/	/	18.50	/	/	<=30	Pass
		Outer_Full	19.61	/	/	20.01	/	/	<=30	Pass
		Inner_Full	19.71	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Left	19.80	/	/	20.20	/	/	<=30	Pass
		Inner_1RB_Right	19.63	/	/	20.03	/	/	<=30	Pass
	3972.48	Edge_1RB_Left	18.30	/	/	18.70	/	/	<=30	Pass
		Edge_1RB_Right	18.19	/	/	18.59	/	/	<=30	Pass
		Outer_Full	19.79	/	/	20.19	/	/	<=30	Pass
		Inner_Full	19.86	/	/	20.26	/	/	<=30	Pass
		Inner_1RB_Left	19.77	/	/	20.17	/	/	<=30	Pass
		Inner_1RB_Right	19.78	/	/	20.18	/	/	<=30	Pass
Note1: Antenna Gain: Ant13: 0.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30k_SISO_20MHz_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant13	Ant2	Sum	Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3710.01	Edge_1RB_Left	23.60	/	/	24.00	/	/	<=30	Pass
		Edge_1RB_Right	23.70	/	/	24.10	/	/	<=30	Pass
		Outer_Full	23.64	/	/	24.04	/	/	<=30	Pass

		Inner_Full	23.81	/	/	24.21	/	/	<=30	Pass
		Inner_1RB_Left	24.08	/	/	24.48	/	/	<=30	Pass
		Inner_1RB_Right	24.21	/	/	24.61	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.58	/	/	23.98	/	/	<=30	Pass
		Edge_1RB_Right	23.59	/	/	23.99	/	/	<=30	Pass
		Outer_Full	23.43	/	/	23.83	/	/	<=30	Pass
		Inner_Full	24.24	/	/	24.64	/	/	<=30	Pass
		Inner_1RB_Left	24.15	/	/	24.55	/	/	<=30	Pass
		Inner_1RB_Right	24.11	/	/	24.51	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	23.59	/	/	23.99	/	/	<=30	Pass
		Edge_1RB_Right	23.58	/	/	23.98	/	/	<=30	Pass
		Outer_Full	23.57	/	/	23.97	/	/	<=30	Pass
		Inner_Full	24.07	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Left	24.12	/	/	24.52	/	/	<=30	Pass
		Inner_1RB_Right	24.04	/	/	24.44	/	/	<=30	Pass
DFT-s-OFDM QPSK	3710.01	Edge_1RB_Left	22.85	/	/	23.25	/	/	<=30	Pass
		Edge_1RB_Right	22.95	/	/	23.35	/	/	<=30	Pass
		Outer_Full	22.87	/	/	23.27	/	/	<=30	Pass
		Inner_Full	23.95	/	/	24.35	/	/	<=30	Pass
		Inner_1RB_Left	23.98	/	/	24.38	/	/	<=30	Pass
		Inner_1RB_Right	23.98	/	/	24.38	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.05	/	/	23.45	/	/	<=30	Pass
		Edge_1RB_Right	23.25	/	/	23.65	/	/	<=30	Pass
		Outer_Full	23.23	/	/	23.63	/	/	<=30	Pass
		Inner_Full	24.16	/	/	24.56	/	/	<=30	Pass
		Inner_1RB_Left	24.18	/	/	24.58	/	/	<=30	Pass
		Inner_1RB_Right	24.14	/	/	24.54	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	23.02	/	/	23.42	/	/	<=30	Pass
		Edge_1RB_Right	22.96	/	/	23.36	/	/	<=30	Pass
		Outer_Full	23.13	/	/	23.53	/	/	<=30	Pass
		Inner_Full	24.10	/	/	24.50	/	/	<=30	Pass
		Inner_1RB_Left	24.05	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Right	24.03	/	/	24.43	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Edge_1RB_Left	21.92	/	/	22.32	/	/	<=30	Pass
		Edge_1RB_Right	21.86	/	/	22.26	/	/	<=30	Pass
		Outer_Full	21.82	/	/	22.22	/	/	<=30	Pass
		Inner_Full	23.01	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Left	22.85	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Right	22.86	/	/	23.26	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.99	/	/	22.39	/	/	<=30	Pass
		Edge_1RB_Right	21.97	/	/	22.37	/	/	<=30	Pass
		Outer_Full	22.22	/	/	22.62	/	/	<=30	Pass
		Inner_Full	23.17	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Left	23.00	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Right	22.95	/	/	23.35	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	22.15	/	/	22.55	/	/	<=30	Pass
		Edge_1RB_Right	22.05	/	/	22.45	/	/	<=30	Pass
		Outer_Full	22.17	/	/	22.57	/	/	<=30	Pass
		Inner_Full	23.23	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Left	23.22	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Right	23.12	/	/	23.52	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3710.01	Edge_1RB_Left	21.40	/	/	21.80	/	/	<=30	Pass
		Edge_1RB_Right	21.43	/	/	21.83	/	/	<=30	Pass
		Outer_Full	22.03	/	/	22.43	/	/	<=30	Pass
		Inner_Full	21.88	/	/	22.28	/	/	<=30	Pass
		Inner_1RB_Left	21.73	/	/	22.13	/	/	<=30	Pass
		Inner_1RB_Right	21.89	/	/	22.29	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.98	/	/	22.38	/	/	<=30	Pass
		Edge_1RB_Right	21.89	/	/	22.29	/	/	<=30	Pass

		Outer_Full	22.22	/	/	22.62	/	/	<=30	Pass
		Inner_Full	22.11	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Left	22.23	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Right	22.18	/	/	22.58	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	21.70	/	/	22.10	/	/	<=30	Pass
		Edge_1RB_Right	21.65	/	/	22.05	/	/	<=30	Pass
		Outer_Full	22.30	/	/	22.70	/	/	<=30	Pass
		Inner_Full	22.15	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Left	21.94	/	/	22.34	/	/	<=30	Pass
		Inner_1RB_Right	21.91	/	/	22.31	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3710.01	Edge_1RB_Left	19.83	/	/	20.23	/	/	<=30	Pass
		Edge_1RB_Right	20.01	/	/	20.41	/	/	<=30	Pass
		Outer_Full	20.91	/	/	21.31	/	/	<=30	Pass
		Inner_Full	20.88	/	/	21.28	/	/	<=30	Pass
		Inner_1RB_Left	20.91	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Right	20.93	/	/	21.33	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.04	/	/	20.44	/	/	<=30	Pass
		Edge_1RB_Right	20.11	/	/	20.51	/	/	<=30	Pass
		Outer_Full	21.20	/	/	21.60	/	/	<=30	Pass
		Inner_Full	21.15	/	/	21.55	/	/	<=30	Pass
		Inner_1RB_Left	21.22	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Right	21.07	/	/	21.47	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	19.97	/	/	20.37	/	/	<=30	Pass
		Edge_1RB_Right	20.11	/	/	20.51	/	/	<=30	Pass
		Outer_Full	21.08	/	/	21.48	/	/	<=30	Pass
		Inner_Full	21.09	/	/	21.49	/	/	<=30	Pass
		Inner_1RB_Left	21.19	/	/	21.59	/	/	<=30	Pass
		Inner_1RB_Right	20.95	/	/	21.35	/	/	<=30	Pass
CP-OFDM QPSK	3710.01	Edge_1RB_Left	21.17	/	/	21.57	/	/	<=30	Pass
		Edge_1RB_Right	21.17	/	/	21.57	/	/	<=30	Pass
		Outer_Full	21.94	/	/	22.34	/	/	<=30	Pass
		Inner_Full	23.45	/	/	23.85	/	/	<=30	Pass
		Inner_1RB_Left	23.41	/	/	23.81	/	/	<=30	Pass
		Inner_1RB_Right	23.46	/	/	23.86	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.32	/	/	21.72	/	/	<=30	Pass
		Edge_1RB_Right	21.33	/	/	21.73	/	/	<=30	Pass
		Outer_Full	22.08	/	/	22.48	/	/	<=30	Pass
		Inner_Full	23.63	/	/	24.03	/	/	<=30	Pass
		Inner_1RB_Left	23.67	/	/	24.07	/	/	<=30	Pass
		Inner_1RB_Right	23.72	/	/	24.12	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	21.40	/	/	21.80	/	/	<=30	Pass
		Edge_1RB_Right	21.41	/	/	21.81	/	/	<=30	Pass
		Outer_Full	22.09	/	/	22.49	/	/	<=30	Pass
		Inner_Full	23.59	/	/	23.99	/	/	<=30	Pass
		Inner_1RB_Left	23.67	/	/	24.07	/	/	<=30	Pass
		Inner_1RB_Right	23.68	/	/	24.08	/	/	<=30	Pass
CP-OFDM 16 QAM	3710.01	Edge_1RB_Left	21.25	/	/	21.65	/	/	<=30	Pass
		Edge_1RB_Right	21.23	/	/	21.63	/	/	<=30	Pass
		Outer_Full	21.90	/	/	22.30	/	/	<=30	Pass
		Inner_Full	23.00	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Left	22.97	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Right	22.91	/	/	23.31	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.31	/	/	21.71	/	/	<=30	Pass
		Edge_1RB_Right	21.31	/	/	21.71	/	/	<=30	Pass
		Outer_Full	22.07	/	/	22.47	/	/	<=30	Pass
		Inner_Full	23.26	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Left	22.90	/	/	23.30	/	/	<=30	Pass
		Inner_1RB_Right	22.81	/	/	23.21	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	21.36	/	/	21.76	/	/	<=30	Pass

		Edge 1RB Right	21.28	/	/	21.68	/	/	<=30	Pass
		Outer_Full	22.14	/	/	22.54	/	/	<=30	Pass
		Inner_Full	23.16	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Left	23.13	/	/	23.53	/	/	<=30	Pass
		Inner_1RB_Right	22.88	/	/	23.28	/	/	<=30	Pass
CP-OFDM 64 QAM	3710.01	Edge_1RB_Left	20.47	/	/	20.87	/	/	<=30	Pass
		Edge_1RB_Right	20.50	/	/	20.90	/	/	<=30	Pass
		Outer_Full	21.96	/	/	22.36	/	/	<=30	Pass
		Inner_Full	22.35	/	/	22.75	/	/	<=30	Pass
		Inner_1RB_Left	22.20	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Right	22.30	/	/	22.70	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.74	/	/	21.14	/	/	<=30	Pass
		Edge_1RB_Right	20.71	/	/	21.11	/	/	<=30	Pass
		Outer_Full	22.15	/	/	22.55	/	/	<=30	Pass
		Inner_Full	22.73	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Left	22.81	/	/	23.21	/	/	<=30	Pass
		Inner_1RB_Right	22.59	/	/	22.99	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	20.78	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	20.89	/	/	21.29	/	/	<=30	Pass
		Outer_Full	22.11	/	/	22.51	/	/	<=30	Pass
		Inner_Full	22.53	/	/	22.93	/	/	<=30	Pass
		Inner_1RB_Left	22.59	/	/	22.99	/	/	<=30	Pass
		Inner_1RB_Right	22.74	/	/	23.14	/	/	<=30	Pass
CP-OFDM 256 QAM	3710.01	Edge_1RB_Left	18.09	/	/	18.49	/	/	<=30	Pass
		Edge_1RB_Right	17.99	/	/	18.39	/	/	<=30	Pass
		Outer_Full	19.42	/	/	19.82	/	/	<=30	Pass
		Inner_Full	19.48	/	/	19.88	/	/	<=30	Pass
		Inner_1RB_Left	19.46	/	/	19.86	/	/	<=30	Pass
		Inner_1RB_Right	19.57	/	/	19.97	/	/	<=30	Pass
	3840	Edge_1RB_Left	18.20	/	/	18.60	/	/	<=30	Pass
		Edge_1RB_Right	17.94	/	/	18.34	/	/	<=30	Pass
		Outer_Full	19.55	/	/	19.95	/	/	<=30	Pass
		Inner_Full	19.73	/	/	20.13	/	/	<=30	Pass
		Inner_1RB_Left	19.64	/	/	20.04	/	/	<=30	Pass
		Inner_1RB_Right	19.49	/	/	19.89	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	18.23	/	/	18.63	/	/	<=30	Pass
		Edge_1RB_Right	18.07	/	/	18.47	/	/	<=30	Pass
		Outer_Full	19.57	/	/	19.97	/	/	<=30	Pass
		Inner_Full	19.58	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Left	19.69	/	/	20.09	/	/	<=30	Pass
		Inner_1RB_Right	19.52	/	/	19.92	/	/	<=30	Pass
Note1: Antenna Gain: Ant13: 0.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30k_SISO_30MHz_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant13	Ant2	Sum	Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3715.02	Edge 1RB Left	23.47	/	/	23.87	/	/	<=30	Pass
		Edge 1RB Right	23.65	/	/	24.05	/	/	<=30	Pass
		Outer_Full	23.49	/	/	23.89	/	/	<=30	Pass
		Inner_Full	24.07	/	/	24.47	/	/	<=30	Pass
		Inner 1RB Left	24.06	/	/	24.46	/	/	<=30	Pass
		Inner 1RB Right	24.05	/	/	24.45	/	/	<=30	Pass
	3840	Edge 1RB Left	23.59	/	/	23.99	/	/	<=30	Pass
		Edge 1RB Right	23.54	/	/	23.94	/	/	<=30	Pass
		Outer_Full	23.48	/	/	23.88	/	/	<=30	Pass

		Inner_Full	23.99	/	/	24.39	/	/	<=30	Pass
		Inner_1RB_Left	24.05	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Right	24.06	/	/	24.46	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	23.58	/	/	23.98	/	/	<=30	Pass
		Edge_1RB_Right	23.25	/	/	23.65	/	/	<=30	Pass
		Outer_Full	23.41	/	/	23.81	/	/	<=30	Pass
		Inner_Full	23.83	/	/	24.23	/	/	<=30	Pass
		Inner_1RB_Left	24.11	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Right	23.78	/	/	24.18	/	/	<=30	Pass
DFT-s-OFDM QPSK	3715.02	Edge_1RB_Left	22.91	/	/	23.31	/	/	<=30	Pass
		Edge_1RB_Right	23.09	/	/	23.49	/	/	<=30	Pass
		Outer_Full	23.06	/	/	23.46	/	/	<=30	Pass
		Inner_Full	24.03	/	/	24.43	/	/	<=30	Pass
		Inner_1RB_Left	23.97	/	/	24.37	/	/	<=30	Pass
		Inner_1RB_Right	24.06	/	/	24.46	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.01	/	/	23.41	/	/	<=30	Pass
		Edge_1RB_Right	23.07	/	/	23.47	/	/	<=30	Pass
		Outer_Full	22.95	/	/	23.35	/	/	<=30	Pass
		Inner_Full	24.08	/	/	24.48	/	/	<=30	Pass
		Inner_1RB_Left	23.95	/	/	24.35	/	/	<=30	Pass
		Inner_1RB_Right	24.12	/	/	24.52	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	23.08	/	/	23.48	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	23.15	/	/	<=30	Pass
		Outer_Full	22.86	/	/	23.26	/	/	<=30	Pass
		Inner_Full	23.85	/	/	24.25	/	/	<=30	Pass
		Inner_1RB_Left	24.13	/	/	24.53	/	/	<=30	Pass
		Inner_1RB_Right	23.79	/	/	24.19	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.02	Edge_1RB_Left	21.94	/	/	22.34	/	/	<=30	Pass
		Edge_1RB_Right	22.07	/	/	22.47	/	/	<=30	Pass
		Outer_Full	22.14	/	/	22.54	/	/	<=30	Pass
		Inner_Full	23.03	/	/	23.43	/	/	<=30	Pass
		Inner_1RB_Left	22.81	/	/	23.21	/	/	<=30	Pass
		Inner_1RB_Right	22.89	/	/	23.29	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.84	/	/	22.24	/	/	<=30	Pass
		Edge_1RB_Right	22.04	/	/	22.44	/	/	<=30	Pass
		Outer_Full	22.11	/	/	22.51	/	/	<=30	Pass
		Inner_Full	22.99	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Left	23.00	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Right	22.98	/	/	23.38	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	22.19	/	/	22.59	/	/	<=30	Pass
		Edge_1RB_Right	21.86	/	/	22.26	/	/	<=30	Pass
		Outer_Full	21.91	/	/	22.31	/	/	<=30	Pass
		Inner_Full	22.92	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Left	23.21	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Right	22.87	/	/	23.27	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3715.02	Edge_1RB_Left	21.79	/	/	22.19	/	/	<=30	Pass
		Edge_1RB_Right	21.88	/	/	22.28	/	/	<=30	Pass
		Outer_Full	22.01	/	/	22.41	/	/	<=30	Pass
		Inner_Full	22.15	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Left	22.03	/	/	22.43	/	/	<=30	Pass
		Inner_1RB_Right	22.23	/	/	22.63	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.85	/	/	22.25	/	/	<=30	Pass
		Edge_1RB_Right	21.84	/	/	22.24	/	/	<=30	Pass
		Outer_Full	22.05	/	/	22.45	/	/	<=30	Pass
		Inner_Full	22.08	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Left	22.02	/	/	22.42	/	/	<=30	Pass
		Inner_1RB_Right	22.23	/	/	22.63	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	21.83	/	/	22.23	/	/	<=30	Pass
		Edge_1RB_Right	21.45	/	/	21.85	/	/	<=30	Pass

		Outer_Full	21.87	/	/	22.27	/	/	<=30	Pass
		Inner_Full	21.89	/	/	22.29	/	/	<=30	Pass
		Inner_1RB_Left	22.07	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Right	21.75	/	/	22.15	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3715.02	Edge_1RB_Left	20.00	/	/	20.40	/	/	<=30	Pass
		Edge_1RB_Right	20.10	/	/	20.50	/	/	<=30	Pass
		Outer_Full	21.00	/	/	21.40	/	/	<=30	Pass
		Inner_Full	20.98	/	/	21.38	/	/	<=30	Pass
		Inner_1RB_Left	20.95	/	/	21.35	/	/	<=30	Pass
		Inner_1RB_Right	21.13	/	/	21.53	/	/	<=30	Pass
		Edge_1RB_Left	20.01	/	/	20.41	/	/	<=30	Pass
		Edge_1RB_Right	19.69	/	/	20.09	/	/	<=30	Pass
	3840	Outer_Full	20.99	/	/	21.39	/	/	<=30	Pass
		Inner_Full	20.76	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Left	20.64	/	/	21.04	/	/	<=30	Pass
		Inner_1RB_Right	20.70	/	/	21.10	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	19.95	/	/	20.35	/	/	<=30	Pass
		Edge_1RB_Right	19.66	/	/	20.06	/	/	<=30	Pass
		Outer_Full	20.90	/	/	21.30	/	/	<=30	Pass
		Inner_Full	20.82	/	/	21.22	/	/	<=30	Pass
		Inner_1RB_Left	20.92	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Right	20.65	/	/	21.05	/	/	<=30	Pass
CP-OFDM QPSK	3715.02	Edge_1RB_Left	21.31	/	/	21.71	/	/	<=30	Pass
		Edge_1RB_Right	21.36	/	/	21.76	/	/	<=30	Pass
		Outer_Full	21.94	/	/	22.34	/	/	<=30	Pass
		Inner_Full	23.45	/	/	23.85	/	/	<=30	Pass
		Inner_1RB_Left	23.57	/	/	23.97	/	/	<=30	Pass
		Inner_1RB_Right	23.56	/	/	23.96	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.97	/	/	21.37	/	/	<=30	Pass
		Edge_1RB_Right	21.08	/	/	21.48	/	/	<=30	Pass
		Outer_Full	21.86	/	/	22.26	/	/	<=30	Pass
		Inner_Full	23.29	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Left	23.40	/	/	23.80	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	23.72	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	21.24	/	/	21.64	/	/	<=30	Pass
		Edge_1RB_Right	20.93	/	/	21.33	/	/	<=30	Pass
		Outer_Full	21.93	/	/	22.33	/	/	<=30	Pass
		Inner_Full	23.39	/	/	23.79	/	/	<=30	Pass
		Inner_1RB_Left	23.58	/	/	23.98	/	/	<=30	Pass
		Inner_1RB_Right	23.20	/	/	23.60	/	/	<=30	Pass
CP-OFDM 16 QAM	3715.02	Edge_1RB_Left	21.04	/	/	21.44	/	/	<=30	Pass
		Edge_1RB_Right	21.27	/	/	21.67	/	/	<=30	Pass
		Outer_Full	22.06	/	/	22.46	/	/	<=30	Pass
		Inner_Full	23.05	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Left	23.01	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Right	23.02	/	/	23.42	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.05	/	/	21.45	/	/	<=30	Pass
		Edge_1RB_Right	21.05	/	/	21.45	/	/	<=30	Pass
		Outer_Full	21.81	/	/	22.21	/	/	<=30	Pass
		Inner_Full	22.75	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Left	22.86	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Right	22.99	/	/	23.39	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	21.39	/	/	21.79	/	/	<=30	Pass
		Edge_1RB_Right	20.93	/	/	21.33	/	/	<=30	Pass
		Outer_Full	21.90	/	/	22.30	/	/	<=30	Pass
		Inner_Full	22.89	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Left	23.11	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Right	22.84	/	/	23.24	/	/	<=30	Pass
CP-OFDM 64 QAM	3715.02	Edge_1RB_Left	20.75	/	/	21.15	/	/	<=30	Pass

		Edge 1RB Right	20.91	/	/	21.31	/	/	<=30	Pass
		Outer_Full	22.18	/	/	22.58	/	/	<=30	Pass
		Inner_Full	22.58	/	/	22.98	/	/	<=30	Pass
		Inner_1RB_Left	22.56	/	/	22.96	/	/	<=30	Pass
		Inner_1RB_Right	22.71	/	/	23.11	/	/	<=30	Pass
	3840	Edge 1RB Left	20.69	/	/	21.09	/	/	<=30	Pass
		Edge 1RB Right	20.67	/	/	21.07	/	/	<=30	Pass
		Outer_Full	21.88	/	/	22.28	/	/	<=30	Pass
		Inner_Full	22.32	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Left	22.47	/	/	22.87	/	/	<=30	Pass
	3964.98	Inner_1RB_Right	22.59	/	/	22.99	/	/	<=30	Pass
		Edge 1RB Left	20.90	/	/	21.30	/	/	<=30	Pass
		Edge 1RB Right	20.59	/	/	20.99	/	/	<=30	Pass
		Outer_Full	21.95	/	/	22.35	/	/	<=30	Pass
		Inner_Full	22.43	/	/	22.83	/	/	<=30	Pass
CP-OFDM 256 QAM	3715.02	Inner_1RB_Left	22.78	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Right	22.44	/	/	22.84	/	/	<=30	Pass
		Edge 1RB Left	18.14	/	/	18.54	/	/	<=30	Pass
		Edge 1RB Right	18.19	/	/	18.59	/	/	<=30	Pass
		Outer_Full	19.46	/	/	19.86	/	/	<=30	Pass
	3840	Inner_Full	19.50	/	/	19.90	/	/	<=30	Pass
		Inner_1RB_Left	19.46	/	/	19.86	/	/	<=30	Pass
		Inner_1RB_Right	19.46	/	/	19.86	/	/	<=30	Pass
		Edge 1RB Left	17.85	/	/	18.25	/	/	<=30	Pass
		Edge 1RB Right	17.80	/	/	18.20	/	/	<=30	Pass
	3964.98	Outer_Full	19.38	/	/	19.78	/	/	<=30	Pass
		Inner_Full	19.29	/	/	19.69	/	/	<=30	Pass
		Inner_1RB_Left	19.28	/	/	19.68	/	/	<=30	Pass
		Inner_1RB_Right	19.28	/	/	19.68	/	/	<=30	Pass
		Edge 1RB Left	17.96	/	/	18.36	/	/	<=30	Pass
Note1: Antenna Gain: Ant13: 0.40dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30k_SISO_40MHz_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 40MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant13	Ant2	Sum	Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3720	Edge 1RB Left	23.52	/	/	23.92	/	/	<=30	Pass
		Edge 1RB Right	23.40	/	/	23.80	/	/	<=30	Pass
		Outer_Full	23.45	/	/	23.85	/	/	<=30	Pass
		Inner_Full	23.99	/	/	24.39	/	/	<=30	Pass
		Inner 1RB Left	24.07	/	/	24.47	/	/	<=30	Pass
		Inner 1RB Right	23.83	/	/	24.23	/	/	<=30	Pass
	3840	Edge 1RB Left	23.41	/	/	23.81	/	/	<=30	Pass
		Edge 1RB Right	23.38	/	/	23.78	/	/	<=30	Pass
		Outer_Full	23.24	/	/	23.64	/	/	<=30	Pass
		Inner_Full	23.77	/	/	24.17	/	/	<=30	Pass
		Inner 1RB Left	23.99	/	/	24.39	/	/	<=30	Pass
	3960	Inner 1RB Right	23.92	/	/	24.32	/	/	<=30	Pass
		Edge 1RB Left	23.54	/	/	23.94	/	/	<=30	Pass
		Edge 1RB Right	23.40	/	/	23.80	/	/	<=30	Pass
		Outer_Full	23.37	/	/	23.77	/	/	<=30	Pass

		Inner_Full	23.88	/	/	24.28	/	/	<=30	Pass
		Inner_1RB_Left	24.07	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Right	23.94	/	/	24.34	/	/	<=30	Pass
DFT-s-OFDM QPSK	3720	Edge_1RB_Left	23.02	/	/	23.42	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	23.27	/	/	<=30	Pass
		Outer_Full	22.96	/	/	23.36	/	/	<=30	Pass
		Inner_Full	23.94	/	/	24.34	/	/	<=30	Pass
		Inner_1RB_Left	24.09	/	/	24.49	/	/	<=30	Pass
		Inner_1RB_Right	23.92	/	/	24.32	/	/	<=30	Pass
		Edge_1RB_Left	22.97	/	/	23.37	/	/	<=30	Pass
	3840	Edge_1RB_Right	22.90	/	/	23.30	/	/	<=30	Pass
		Outer_Full	22.76	/	/	23.16	/	/	<=30	Pass
		Inner_Full	23.74	/	/	24.14	/	/	<=30	Pass
		Inner_1RB_Left	23.97	/	/	24.37	/	/	<=30	Pass
		Inner_1RB_Right	23.88	/	/	24.28	/	/	<=30	Pass
	3960	Edge_1RB_Left	23.12	/	/	23.52	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	23.33	/	/	<=30	Pass
		Outer_Full	22.90	/	/	23.30	/	/	<=30	Pass
		Inner_Full	23.86	/	/	24.26	/	/	<=30	Pass
		Inner_1RB_Left	24.05	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Right	23.83	/	/	24.23	/	/	<=30	Pass
		Edge_1RB_Left	22.19	/	/	22.59	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Edge_1RB_Right	22.05	/	/	22.45	/	/	<=30	Pass
		Outer_Full	21.93	/	/	22.33	/	/	<=30	Pass
		Inner_Full	22.98	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Left	23.05	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Right	22.94	/	/	23.34	/	/	<=30	Pass
		Edge_1RB_Left	22.13	/	/	22.53	/	/	<=30	Pass
	3840	Edge_1RB_Right	22.04	/	/	22.44	/	/	<=30	Pass
		Outer_Full	21.79	/	/	22.19	/	/	<=30	Pass
		Inner_Full	22.76	/	/	23.16	/	/	<=30	Pass
		Inner_1RB_Left	23.02	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Right	23.03	/	/	23.43	/	/	<=30	Pass
	3960	Edge_1RB_Left	22.13	/	/	22.53	/	/	<=30	Pass
		Edge_1RB_Right	21.95	/	/	22.35	/	/	<=30	Pass
		Outer_Full	21.92	/	/	22.32	/	/	<=30	Pass
		Inner_Full	22.95	/	/	23.35	/	/	<=30	Pass
		Inner_1RB_Left	23.10	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Right	22.98	/	/	23.38	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Edge_1RB_Left	21.79	/	/	22.19	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	22.10	/	/	<=30	Pass
		Outer_Full	22.00	/	/	22.40	/	/	<=30	Pass
		Inner_Full	22.04	/	/	22.44	/	/	<=30	Pass
		Inner_1RB_Left	22.16	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Right	21.93	/	/	22.33	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.65	/	/	22.05	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	22.00	/	/	<=30	Pass
		Outer_Full	21.86	/	/	22.26	/	/	<=30	Pass
		Inner_Full	21.83	/	/	22.23	/	/	<=30	Pass
		Inner_1RB_Left	21.95	/	/	22.35	/	/	<=30	Pass
		Inner_1RB_Right	21.93	/	/	22.33	/	/	<=30	Pass
	3960	Edge_1RB_Left	21.76	/	/	22.16	/	/	<=30	Pass
		Edge_1RB_Right	21.59	/	/	21.99	/	/	<=30	Pass
		Outer_Full	21.96	/	/	22.36	/	/	<=30	Pass
		Inner_Full	21.95	/	/	22.35	/	/	<=30	Pass
		Inner_1RB_Left	22.10	/	/	22.50	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3720	Inner_1RB_Right	21.89	/	/	22.29	/	/	<=30	Pass
		Edge_1RB_Left	19.88	/	/	20.28	/	/	<=30	Pass
		Edge_1RB_Right	19.83	/	/	20.23	/	/	<=30	Pass

		Outer_Full	21.01	/	/	21.41	/	/	<=30	Pass
		Inner_Full	20.92	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Left	20.88	/	/	21.28	/	/	<=30	Pass
		Inner_1RB_Right	20.73	/	/	21.13	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.81	/	/	20.21	/	/	<=30	Pass
		Edge_1RB_Right	19.70	/	/	20.10	/	/	<=30	Pass
		Outer_Full	20.83	/	/	21.23	/	/	<=30	Pass
		Inner_Full	20.71	/	/	21.11	/	/	<=30	Pass
		Inner_1RB_Left	20.78	/	/	21.18	/	/	<=30	Pass
		Inner_1RB_Right	20.73	/	/	21.13	/	/	<=30	Pass
	3960	Edge_1RB_Left	19.98	/	/	20.38	/	/	<=30	Pass
		Edge_1RB_Right	19.78	/	/	20.18	/	/	<=30	Pass
		Outer_Full	20.99	/	/	21.39	/	/	<=30	Pass
		Inner_Full	20.85	/	/	21.25	/	/	<=30	Pass
		Inner_1RB_Left	20.99	/	/	21.39	/	/	<=30	Pass
		Inner_1RB_Right	20.80	/	/	21.20	/	/	<=30	Pass
CP-OFDM QPSK	3720	Edge_1RB_Left	21.22	/	/	21.62	/	/	<=30	Pass
		Edge_1RB_Right	21.06	/	/	21.46	/	/	<=30	Pass
		Outer_Full	21.96	/	/	22.36	/	/	<=30	Pass
		Inner_Full	23.41	/	/	23.81	/	/	<=30	Pass
		Inner_1RB_Left	23.53	/	/	23.93	/	/	<=30	Pass
		Inner_1RB_Right	23.39	/	/	23.79	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.14	/	/	21.54	/	/	<=30	Pass
		Edge_1RB_Right	21.03	/	/	21.43	/	/	<=30	Pass
		Outer_Full	21.80	/	/	22.20	/	/	<=30	Pass
		Inner_Full	23.27	/	/	23.67	/	/	<=30	Pass
		Inner_1RB_Left	23.49	/	/	23.89	/	/	<=30	Pass
		Inner_1RB_Right	23.38	/	/	23.78	/	/	<=30	Pass
	3960	Edge_1RB_Left	21.25	/	/	21.65	/	/	<=30	Pass
		Edge_1RB_Right	21.06	/	/	21.46	/	/	<=30	Pass
		Outer_Full	22.00	/	/	22.40	/	/	<=30	Pass
		Inner_Full	23.43	/	/	23.83	/	/	<=30	Pass
		Inner_1RB_Left	23.64	/	/	24.04	/	/	<=30	Pass
		Inner_1RB_Right	23.41	/	/	23.81	/	/	<=30	Pass
CP-OFDM 16 QAM	3720	Edge_1RB_Left	21.29	/	/	21.69	/	/	<=30	Pass
		Edge_1RB_Right	20.99	/	/	21.39	/	/	<=30	Pass
		Outer_Full	22.03	/	/	22.43	/	/	<=30	Pass
		Inner_Full	23.00	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Left	23.17	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Right	22.89	/	/	23.29	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.23	/	/	21.63	/	/	<=30	Pass
		Edge_1RB_Right	21.12	/	/	21.52	/	/	<=30	Pass
		Outer_Full	21.82	/	/	22.22	/	/	<=30	Pass
		Inner_Full	22.79	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Left	23.00	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Right	22.94	/	/	23.34	/	/	<=30	Pass
	3960	Edge_1RB_Left	21.29	/	/	21.69	/	/	<=30	Pass
		Edge_1RB_Right	21.14	/	/	21.54	/	/	<=30	Pass
		Outer_Full	21.96	/	/	22.36	/	/	<=30	Pass
		Inner_Full	22.92	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Left	23.02	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Right	22.87	/	/	23.27	/	/	<=30	Pass
CP-OFDM 64 QAM	3720	Edge_1RB_Left	20.91	/	/	21.31	/	/	<=30	Pass
		Edge_1RB_Right	20.57	/	/	20.97	/	/	<=30	Pass
		Outer_Full	22.00	/	/	22.40	/	/	<=30	Pass
		Inner_Full	22.43	/	/	22.83	/	/	<=30	Pass
		Inner_1RB_Left	22.68	/	/	23.08	/	/	<=30	Pass
		Inner_1RB_Right	22.49	/	/	22.89	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.78	/	/	21.18	/	/	<=30	Pass

		Edge_1RB_Right	20.66	/	/	21.06	/	/	<=30	Pass	
		Outer_Full	21.84	/	/	22.24	/	/	<=30	Pass	
		Inner_Full	22.32	/	/	22.72	/	/	<=30	Pass	
		Inner_1RB_Left	22.49	/	/	22.89	/	/	<=30	Pass	
		Inner_1RB_Right	22.41	/	/	22.81	/	/	<=30	Pass	
	3960	Edge_1RB_Left	20.81	/	/	21.21	/	/	<=30	Pass	
		Edge_1RB_Right	20.75	/	/	21.15	/	/	<=30	Pass	
		Outer_Full	21.92	/	/	22.32	/	/	<=30	Pass	
		Inner_Full	22.49	/	/	22.89	/	/	<=30	Pass	
		Inner_1RB_Left	22.62	/	/	23.02	/	/	<=30	Pass	
	CP-OFDM 256 QAM	3720	Inner_1RB_Right	22.45	/	/	22.85	/	/	<=30	Pass
			Edge_1RB_Left	17.95	/	/	18.35	/	/	<=30	Pass
Edge_1RB_Right			17.88	/	/	18.28	/	/	<=30	Pass	
Outer_Full			19.46	/	/	19.86	/	/	<=30	Pass	
Inner_Full			19.49	/	/	19.89	/	/	<=30	Pass	
Inner_1RB_Left			19.55	/	/	19.95	/	/	<=30	Pass	
3840		Inner_1RB_Right	19.39	/	/	19.79	/	/	<=30	Pass	
		Edge_1RB_Left	17.91	/	/	18.31	/	/	<=30	Pass	
		Edge_1RB_Right	17.86	/	/	18.26	/	/	<=30	Pass	
		Outer_Full	19.32	/	/	19.72	/	/	<=30	Pass	
		Inner_Full	19.31	/	/	19.71	/	/	<=30	Pass	
		Inner_1RB_Left	19.42	/	/	19.82	/	/	<=30	Pass	
3960		Inner_1RB_Right	19.38	/	/	19.78	/	/	<=30	Pass	
		Edge_1RB_Left	17.98	/	/	18.38	/	/	<=30	Pass	
		Edge_1RB_Right	17.82	/	/	18.22	/	/	<=30	Pass	
		Outer_Full	19.48	/	/	19.88	/	/	<=30	Pass	
		Inner_Full	19.42	/	/	19.82	/	/	<=30	Pass	
		Inner_1RB_Left	19.49	/	/	19.89	/	/	<=30	Pass	
Inner_1RB_Right	19.35	/	/	19.75	/	/	<=30	Pass			
Note1: Antenna Gain: Ant13: 0.40dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.6 30k_SISO_50MHz_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 50MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant13	Ant2	Sum	Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3725.01	Edge 1RB Left	23.06	/	/	23.46	/	/	<=30	Pass
		Edge 1RB Right	23.02	/	/	23.42	/	/	<=30	Pass
		Outer_Full	22.97	/	/	23.37	/	/	<=30	Pass
		Inner_Full	23.60	/	/	24.00	/	/	<=30	Pass
		Inner 1RB Left	23.57	/	/	23.97	/	/	<=30	Pass
		Inner 1RB Right	23.47	/	/	23.87	/	/	<=30	Pass
	3840	Edge 1RB Left	23.19	/	/	23.59	/	/	<=30	Pass
		Edge 1RB Right	23.05	/	/	23.45	/	/	<=30	Pass
		Outer_Full	23.10	/	/	23.50	/	/	<=30	Pass
		Inner_Full	23.63	/	/	24.03	/	/	<=30	Pass
		Inner 1RB Left	23.69	/	/	24.09	/	/	<=30	Pass
		Inner 1RB Right	23.60	/	/	24.00	/	/	<=30	Pass
	3954.99	Edge 1RB Left	23.32	/	/	23.72	/	/	<=30	Pass
		Edge 1RB Right	22.97	/	/	23.37	/	/	<=30	Pass
		Outer_Full	23.25	/	/	23.65	/	/	<=30	Pass
		Inner_Full	23.76	/	/	24.16	/	/	<=30	Pass
		Inner 1RB Left	23.85	/	/	24.25	/	/	<=30	Pass
		Inner 1RB Right	23.53	/	/	23.93	/	/	<=30	Pass
DFT-s-OFDM QPSK	3725.01	Edge 1RB Left	22.49	/	/	22.89	/	/	<=30	Pass
		Edge 1RB Right	22.49	/	/	22.89	/	/	<=30	Pass
		Outer_Full	22.49	/	/	22.89	/	/	<=30	Pass

		Inner_Full	23.60	/	/	24.00	/	/	<=30	Pass
		Inner_1RB_Left	23.49	/	/	23.89	/	/	<=30	Pass
		Inner_1RB_Right	23.52	/	/	23.92	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.54	/	/	22.94	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	23.08	/	/	<=30	Pass
		Outer_Full	22.56	/	/	22.96	/	/	<=30	Pass
		Inner_Full	23.66	/	/	24.06	/	/	<=30	Pass
		Inner_1RB_Left	23.71	/	/	24.11	/	/	<=30	Pass
		Inner_1RB_Right	23.60	/	/	24.00	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	22.90	/	/	23.30	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	22.92	/	/	<=30	Pass
		Outer_Full	22.69	/	/	23.09	/	/	<=30	Pass
		Inner_Full	23.69	/	/	24.09	/	/	<=30	Pass
		Inner_1RB_Left	23.80	/	/	24.20	/	/	<=30	Pass
		Inner_1RB_Right	23.57	/	/	23.97	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3725.01	Edge_1RB_Left	21.56	/	/	21.96	/	/	<=30	Pass
		Edge_1RB_Right	21.59	/	/	21.99	/	/	<=30	Pass
		Outer_Full	21.50	/	/	21.90	/	/	<=30	Pass
		Inner_Full	22.60	/	/	23.00	/	/	<=30	Pass
		Inner_1RB_Left	22.53	/	/	22.93	/	/	<=30	Pass
		Inner_1RB_Right	22.49	/	/	22.89	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.77	/	/	22.17	/	/	<=30	Pass
		Edge_1RB_Right	21.71	/	/	22.11	/	/	<=30	Pass
		Outer_Full	21.60	/	/	22.00	/	/	<=30	Pass
		Inner_Full	22.63	/	/	23.03	/	/	<=30	Pass
		Inner_1RB_Left	22.78	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Right	22.65	/	/	23.05	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	21.86	/	/	22.26	/	/	<=30	Pass
		Edge_1RB_Right	21.59	/	/	21.99	/	/	<=30	Pass
		Outer_Full	21.70	/	/	22.10	/	/	<=30	Pass
		Inner_Full	22.73	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Left	22.90	/	/	23.30	/	/	<=30	Pass
		Inner_1RB_Right	22.62	/	/	23.02	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3725.01	Edge_1RB_Left	21.27	/	/	21.67	/	/	<=30	Pass
		Edge_1RB_Right	21.24	/	/	21.64	/	/	<=30	Pass
		Outer_Full	21.58	/	/	21.98	/	/	<=30	Pass
		Inner_Full	21.54	/	/	21.94	/	/	<=30	Pass
		Inner_1RB_Left	21.52	/	/	21.92	/	/	<=30	Pass
		Inner_1RB_Right	21.39	/	/	21.79	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.42	/	/	21.82	/	/	<=30	Pass
		Edge_1RB_Right	21.38	/	/	21.78	/	/	<=30	Pass
		Outer_Full	21.63	/	/	22.03	/	/	<=30	Pass
		Inner_Full	21.63	/	/	22.03	/	/	<=30	Pass
		Inner_1RB_Left	21.74	/	/	22.14	/	/	<=30	Pass
		Inner_1RB_Right	21.57	/	/	21.97	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	21.61	/	/	22.01	/	/	<=30	Pass
		Edge_1RB_Right	21.22	/	/	21.62	/	/	<=30	Pass
		Outer_Full	21.71	/	/	22.11	/	/	<=30	Pass
		Inner_Full	21.79	/	/	22.19	/	/	<=30	Pass
		Inner_1RB_Left	21.86	/	/	22.26	/	/	<=30	Pass
		Inner_1RB_Right	21.60	/	/	22.00	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3725.01	Edge_1RB_Left	19.39	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	19.39	/	/	19.79	/	/	<=30	Pass
		Outer_Full	20.55	/	/	20.95	/	/	<=30	Pass
		Inner_Full	20.59	/	/	20.99	/	/	<=30	Pass
		Inner_1RB_Left	20.46	/	/	20.86	/	/	<=30	Pass
		Inner_1RB_Right	20.43	/	/	20.83	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.53	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	19.48	/	/	19.88	/	/	<=30	Pass

		Outer_Full	20.59	/	/	20.99	/	/	<=30	Pass
		Inner_Full	20.59	/	/	20.99	/	/	<=30	Pass
		Inner_1RB_Left	20.64	/	/	21.04	/	/	<=30	Pass
		Inner_1RB_Right	20.53	/	/	20.93	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	19.76	/	/	20.16	/	/	<=30	Pass
		Edge_1RB_Right	19.44	/	/	19.84	/	/	<=30	Pass
		Outer_Full	20.65	/	/	21.05	/	/	<=30	Pass
		Inner_Full	20.72	/	/	21.12	/	/	<=30	Pass
		Inner_1RB_Left	20.71	/	/	21.11	/	/	<=30	Pass
		Inner_1RB_Right	20.31	/	/	20.71	/	/	<=30	Pass
CP-OFDM QPSK	3725.01	Edge_1RB_Left	20.76	/	/	21.16	/	/	<=30	Pass
		Edge_1RB_Right	20.57	/	/	20.97	/	/	<=30	Pass
		Outer_Full	21.59	/	/	21.99	/	/	<=30	Pass
		Inner_Full	23.06	/	/	23.46	/	/	<=30	Pass
		Inner_1RB_Left	23.03	/	/	23.43	/	/	<=30	Pass
		Inner_1RB_Right	22.99	/	/	23.39	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.86	/	/	21.26	/	/	<=30	Pass
		Edge_1RB_Right	20.82	/	/	21.22	/	/	<=30	Pass
		Outer_Full	21.65	/	/	22.05	/	/	<=30	Pass
		Inner_Full	23.17	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Left	23.30	/	/	23.70	/	/	<=30	Pass
		Inner_1RB_Right	23.16	/	/	23.56	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	21.00	/	/	21.40	/	/	<=30	Pass
		Edge_1RB_Right	20.66	/	/	21.06	/	/	<=30	Pass
		Outer_Full	21.79	/	/	22.19	/	/	<=30	Pass
		Inner_Full	23.27	/	/	23.67	/	/	<=30	Pass
		Inner_1RB_Left	23.36	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Right	23.06	/	/	23.46	/	/	<=30	Pass
CP-OFDM 16 QAM	3725.01	Edge_1RB_Left	20.82	/	/	21.22	/	/	<=30	Pass
		Edge_1RB_Right	20.69	/	/	21.09	/	/	<=30	Pass
		Outer_Full	21.59	/	/	21.99	/	/	<=30	Pass
		Inner_Full	22.58	/	/	22.98	/	/	<=30	Pass
		Inner_1RB_Left	22.64	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Right	22.54	/	/	22.94	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.95	/	/	21.35	/	/	<=30	Pass
		Edge_1RB_Right	20.89	/	/	21.29	/	/	<=30	Pass
		Outer_Full	21.68	/	/	22.08	/	/	<=30	Pass
		Inner_Full	22.62	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Left	22.86	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Right	22.69	/	/	23.09	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	21.06	/	/	21.46	/	/	<=30	Pass
		Edge_1RB_Right	20.76	/	/	21.16	/	/	<=30	Pass
		Outer_Full	21.74	/	/	22.14	/	/	<=30	Pass
		Inner_Full	22.76	/	/	23.16	/	/	<=30	Pass
		Inner_1RB_Left	22.85	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Right	22.56	/	/	22.96	/	/	<=30	Pass
CP-OFDM 64 QAM	3725.01	Edge_1RB_Left	20.34	/	/	20.74	/	/	<=30	Pass
		Edge_1RB_Right	20.28	/	/	20.68	/	/	<=30	Pass
		Outer_Full	21.61	/	/	22.01	/	/	<=30	Pass
		Inner_Full	22.05	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Left	22.17	/	/	22.57	/	/	<=30	Pass
		Inner_1RB_Right	22.08	/	/	22.48	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.55	/	/	20.95	/	/	<=30	Pass
		Edge_1RB_Right	20.42	/	/	20.82	/	/	<=30	Pass
		Outer_Full	21.66	/	/	22.06	/	/	<=30	Pass
		Inner_Full	22.11	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Left	22.33	/	/	22.73	/	/	<=30	Pass
		Inner_1RB_Right	22.28	/	/	22.68	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	20.71	/	/	21.11	/	/	<=30	Pass

		Edge 1RB Right	20.34	/	/	20.74	/	/	<=30	Pass	
		Outer Full	21.76	/	/	22.16	/	/	<=30	Pass	
		Inner Full	22.30	/	/	22.70	/	/	<=30	Pass	
		Inner 1RB Left	22.45	/	/	22.85	/	/	<=30	Pass	
		Inner 1RB Right	22.05	/	/	22.45	/	/	<=30	Pass	
CP-OFDM 256 QAM	3725.01	Edge 1RB Left	17.53	/	/	17.93	/	/	<=30	Pass	
		Edge 1RB Right	17.41	/	/	17.81	/	/	<=30	Pass	
		Outer Full	19.11	/	/	19.51	/	/	<=30	Pass	
		Inner Full	19.19	/	/	19.59	/	/	<=30	Pass	
		Inner 1RB Left	18.97	/	/	19.37	/	/	<=30	Pass	
		Inner 1RB Right	18.91	/	/	19.31	/	/	<=30	Pass	
	3840	Edge 1RB Left	17.66	/	/	18.06	/	/	<=30	Pass	
		Edge 1RB Right	17.60	/	/	18.00	/	/	<=30	Pass	
		Outer Full	19.17	/	/	19.57	/	/	<=30	Pass	
		Inner Full	19.18	/	/	19.58	/	/	<=30	Pass	
		Inner 1RB Left	19.18	/	/	19.58	/	/	<=30	Pass	
		Inner 1RB Right	19.11	/	/	19.51	/	/	<=30	Pass	
	3954.99	Edge 1RB Left	17.80	/	/	18.20	/	/	<=30	Pass	
		Edge 1RB Right	17.54	/	/	17.94	/	/	<=30	Pass	
		Outer Full	19.30	/	/	19.70	/	/	<=30	Pass	
		Inner Full	19.35	/	/	19.75	/	/	<=30	Pass	
		Inner 1RB Left	19.26	/	/	19.66	/	/	<=30	Pass	
		Inner 1RB Right	18.95	/	/	19.35	/	/	<=30	Pass	
	Note1: Antenna Gain: Ant13: 0.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 30k_SISO_60MHz_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant13	Ant2	Sum	Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3730.02	Edge 1RB Left	23.06	/	/	23.46	/	/	<=30	Pass
		Edge 1RB Right	22.97	/	/	23.37	/	/	<=30	Pass
		Outer_Full	22.99	/	/	23.39	/	/	<=30	Pass
		Inner_Full	23.59	/	/	23.99	/	/	<=30	Pass
		Inner 1RB Left	23.61	/	/	24.01	/	/	<=30	Pass
		Inner 1RB Right	23.39	/	/	23.79	/	/	<=30	Pass
	3840	Edge 1RB Left	23.22	/	/	23.62	/	/	<=30	Pass
		Edge 1RB Right	22.98	/	/	23.38	/	/	<=30	Pass
		Outer_Full	23.15	/	/	23.55	/	/	<=30	Pass
		Inner_Full	23.67	/	/	24.07	/	/	<=30	Pass
		Inner 1RB Left	23.69	/	/	24.09	/	/	<=30	Pass
		Inner 1RB Right	23.60	/	/	24.00	/	/	<=30	Pass
	3949.98	Edge 1RB Left	22.99	/	/	23.39	/	/	<=30	Pass
		Edge 1RB Right	22.84	/	/	23.24	/	/	<=30	Pass
		Outer_Full	23.03	/	/	23.43	/	/	<=30	Pass
		Inner_Full	23.58	/	/	23.98	/	/	<=30	Pass
		Inner 1RB Left	23.54	/	/	23.94	/	/	<=30	Pass
		Inner 1RB Right	23.37	/	/	23.77	/	/	<=30	Pass
DFT-s-OFDM QPSK	3730.02	Edge 1RB Left	22.53	/	/	22.93	/	/	<=30	Pass
		Edge 1RB Right	22.49	/	/	22.89	/	/	<=30	Pass
		Outer_Full	22.49	/	/	22.89	/	/	<=30	Pass
		Inner_Full	23.54	/	/	23.94	/	/	<=30	Pass
		Inner 1RB Left	23.55	/	/	23.95	/	/	<=30	Pass
		Inner 1RB Right	23.44	/	/	23.84	/	/	<=30	Pass
	3840	Edge 1RB Left	22.59	/	/	22.99	/	/	<=30	Pass
		Edge 1RB Right	22.57	/	/	22.97	/	/	<=30	Pass
		Outer_Full	22.61	/	/	23.01	/	/	<=30	Pass

		Inner_Full	23.61	/	/	24.01	/	/	<=30	Pass
		Inner_1RB_Left	23.71	/	/	24.11	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	23.89	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	22.47	/	/	22.87	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	22.81	/	/	<=30	Pass
		Outer_Full	22.47	/	/	22.87	/	/	<=30	Pass
		Inner_Full	23.55	/	/	23.95	/	/	<=30	Pass
		Inner_1RB_Left	23.50	/	/	23.90	/	/	<=30	Pass
		Inner_1RB_Right	23.33	/	/	23.73	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3730.02	Edge_1RB_Left	21.69	/	/	22.09	/	/	<=30	Pass
		Edge_1RB_Right	21.52	/	/	21.92	/	/	<=30	Pass
		Outer_Full	21.53	/	/	21.93	/	/	<=30	Pass
		Inner_Full	22.51	/	/	22.91	/	/	<=30	Pass
		Inner_1RB_Left	22.65	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Right	22.47	/	/	22.87	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.72	/	/	22.12	/	/	<=30	Pass
		Edge_1RB_Right	21.66	/	/	22.06	/	/	<=30	Pass
		Outer_Full	21.65	/	/	22.05	/	/	<=30	Pass
		Inner_Full	22.58	/	/	22.98	/	/	<=30	Pass
		Inner_1RB_Left	22.67	/	/	23.07	/	/	<=30	Pass
		Inner_1RB_Right	22.57	/	/	22.97	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	21.56	/	/	21.96	/	/	<=30	Pass
		Edge_1RB_Right	21.44	/	/	21.84	/	/	<=30	Pass
		Outer_Full	21.55	/	/	21.95	/	/	<=30	Pass
		Inner_Full	22.46	/	/	22.86	/	/	<=30	Pass
		Inner_1RB_Left	22.54	/	/	22.94	/	/	<=30	Pass
		Inner_1RB_Right	22.33	/	/	22.73	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3730.02	Edge_1RB_Left	21.33	/	/	21.73	/	/	<=30	Pass
		Edge_1RB_Right	21.14	/	/	21.54	/	/	<=30	Pass
		Outer_Full	21.47	/	/	21.87	/	/	<=30	Pass
		Inner_Full	21.53	/	/	21.93	/	/	<=30	Pass
		Inner_1RB_Left	21.56	/	/	21.96	/	/	<=30	Pass
		Inner_1RB_Right	21.48	/	/	21.88	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.49	/	/	21.89	/	/	<=30	Pass
		Edge_1RB_Right	21.33	/	/	21.73	/	/	<=30	Pass
		Outer_Full	21.62	/	/	22.02	/	/	<=30	Pass
		Inner_Full	21.61	/	/	22.01	/	/	<=30	Pass
		Inner_1RB_Left	21.65	/	/	22.05	/	/	<=30	Pass
		Inner_1RB_Right	21.52	/	/	21.92	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	21.23	/	/	21.63	/	/	<=30	Pass
		Edge_1RB_Right	21.07	/	/	21.47	/	/	<=30	Pass
		Outer_Full	21.45	/	/	21.85	/	/	<=30	Pass
		Inner_Full	21.54	/	/	21.94	/	/	<=30	Pass
		Inner_1RB_Left	21.52	/	/	21.92	/	/	<=30	Pass
		Inner_1RB_Right	21.38	/	/	21.78	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3730.02	Edge_1RB_Left	19.40	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	19.29	/	/	19.69	/	/	<=30	Pass
		Outer_Full	20.56	/	/	20.96	/	/	<=30	Pass
		Inner_Full	20.61	/	/	21.01	/	/	<=30	Pass
		Inner_1RB_Left	20.51	/	/	20.91	/	/	<=30	Pass
		Inner_1RB_Right	20.31	/	/	20.71	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.52	/	/	19.92	/	/	<=30	Pass
		Edge_1RB_Right	19.38	/	/	19.78	/	/	<=30	Pass
		Outer_Full	20.71	/	/	21.11	/	/	<=30	Pass
		Inner_Full	20.61	/	/	21.01	/	/	<=30	Pass
		Inner_1RB_Left	20.53	/	/	20.93	/	/	<=30	Pass
		Inner_1RB_Right	20.45	/	/	20.85	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	19.36	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	19.20	/	/	19.60	/	/	<=30	Pass

		Outer_Full	20.52	/	/	20.92	/	/	<=30	Pass
		Inner_Full	20.62	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Left	20.36	/	/	20.76	/	/	<=30	Pass
		Inner_1RB_Right	20.22	/	/	20.62	/	/	<=30	Pass
CP-OFDM QPSK	3730.02	Edge_1RB_Left	20.67	/	/	21.07	/	/	<=30	Pass
		Edge_1RB_Right	20.51	/	/	20.91	/	/	<=30	Pass
		Outer_Full	21.52	/	/	21.92	/	/	<=30	Pass
		Inner_Full	23.00	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Left	23.06	/	/	23.46	/	/	<=30	Pass
		Inner_1RB_Right	22.88	/	/	23.28	/	/	<=30	Pass
		Edge_1RB_Left	20.80	/	/	21.20	/	/	<=30	Pass
		Edge_1RB_Right	20.70	/	/	21.10	/	/	<=30	Pass
	3840	Outer_Full	21.63	/	/	22.03	/	/	<=30	Pass
		Inner_Full	23.16	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Left	23.19	/	/	23.59	/	/	<=30	Pass
		Inner_1RB_Right	23.00	/	/	23.40	/	/	<=30	Pass
		Edge_1RB_Left	20.61	/	/	21.01	/	/	<=30	Pass
		Edge_1RB_Right	20.47	/	/	20.87	/	/	<=30	Pass
	3949.98	Outer_Full	21.51	/	/	21.91	/	/	<=30	Pass
		Inner_Full	23.01	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Left	23.10	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Right	22.83	/	/	23.23	/	/	<=30	Pass
CP-OFDM 16 QAM	3730.02	Edge_1RB_Left	20.84	/	/	21.24	/	/	<=30	Pass
		Edge_1RB_Right	20.63	/	/	21.03	/	/	<=30	Pass
		Outer_Full	21.53	/	/	21.93	/	/	<=30	Pass
		Inner_Full	22.54	/	/	22.94	/	/	<=30	Pass
		Inner_1RB_Left	22.73	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Right	22.54	/	/	22.94	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.88	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	20.86	/	/	21.26	/	/	<=30	Pass
		Outer_Full	21.71	/	/	22.11	/	/	<=30	Pass
		Inner_Full	22.57	/	/	22.97	/	/	<=30	Pass
		Inner_1RB_Left	22.79	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Right	22.69	/	/	23.09	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	20.71	/	/	21.11	/	/	<=30	Pass
		Edge_1RB_Right	20.56	/	/	20.96	/	/	<=30	Pass
		Outer_Full	21.55	/	/	21.95	/	/	<=30	Pass
		Inner_Full	22.45	/	/	22.85	/	/	<=30	Pass
		Inner_1RB_Left	22.47	/	/	22.87	/	/	<=30	Pass
		Inner_1RB_Right	22.50	/	/	22.90	/	/	<=30	Pass
CP-OFDM 64 QAM	3730.02	Edge_1RB_Left	20.46	/	/	20.86	/	/	<=30	Pass
		Edge_1RB_Right	20.18	/	/	20.58	/	/	<=30	Pass
		Outer_Full	21.57	/	/	21.97	/	/	<=30	Pass
		Inner_Full	21.92	/	/	22.32	/	/	<=30	Pass
		Inner_1RB_Left	22.21	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Right	22.09	/	/	22.49	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.41	/	/	20.81	/	/	<=30	Pass
		Edge_1RB_Right	20.28	/	/	20.68	/	/	<=30	Pass
		Outer_Full	21.71	/	/	22.11	/	/	<=30	Pass
		Inner_Full	22.16	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Left	22.25	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Right	22.20	/	/	22.60	/	/	<=30	Pass
	3949.98	Edge_1RB_Left	20.20	/	/	20.60	/	/	<=30	Pass
		Edge_1RB_Right	20.18	/	/	20.58	/	/	<=30	Pass
		Outer_Full	21.46	/	/	21.86	/	/	<=30	Pass
		Inner_Full	22.09	/	/	22.49	/	/	<=30	Pass
		Inner_1RB_Left	22.08	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Right	21.96	/	/	22.36	/	/	<=30	Pass
CP-OFDM 256 QAM	3730.02	Edge_1RB_Left	17.58	/	/	17.98	/	/	<=30	Pass

		Edge 1RB Right	17.44	/	/	17.84	/	/	<=30	Pass
		Outer Full	19.11	/	/	19.51	/	/	<=30	Pass
		Inner Full	19.06	/	/	19.46	/	/	<=30	Pass
		Inner 1RB Left	19.06	/	/	19.46	/	/	<=30	Pass
		Inner 1RB Right	18.91	/	/	19.31	/	/	<=30	Pass
	3840	Edge 1RB Left	17.56	/	/	17.96	/	/	<=30	Pass
		Edge 1RB Right	17.52	/	/	17.92	/	/	<=30	Pass
		Outer Full	19.21	/	/	19.61	/	/	<=30	Pass
		Inner Full	19.19	/	/	19.59	/	/	<=30	Pass
		Inner 1RB Left	19.19	/	/	19.59	/	/	<=30	Pass
		Inner 1RB Right	19.04	/	/	19.44	/	/	<=30	Pass
	3949.98	Edge 1RB Left	17.48	/	/	17.88	/	/	<=30	Pass
		Edge 1RB Right	17.22	/	/	17.62	/	/	<=30	Pass
		Outer Full	19.10	/	/	19.50	/	/	<=30	Pass
		Inner Full	19.04	/	/	19.44	/	/	<=30	Pass
		Inner 1RB Left	18.87	/	/	19.27	/	/	<=30	Pass
		Inner 1RB Right	18.81	/	/	19.21	/	/	<=30	Pass
Note1: Antenna Gain: Ant13: 0.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 30k_SISO_70MHz_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 70MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant13	Ant2	Sum	Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3735	Edge 1RB Left	22.89	/	/	23.29	/	/	<=30	Pass
		Edge 1RB Right	22.97	/	/	23.37	/	/	<=30	Pass
		Outer Full	22.90	/	/	23.30	/	/	<=30	Pass
		Inner Full	23.49	/	/	23.89	/	/	<=30	Pass
		Inner 1RB Left	23.39	/	/	23.79	/	/	<=30	Pass
		Inner 1RB Right	23.51	/	/	23.91	/	/	<=30	Pass
	3840	Edge 1RB Left	22.99	/	/	23.39	/	/	<=30	Pass
		Edge 1RB Right	22.84	/	/	23.24	/	/	<=30	Pass
		Outer Full	22.92	/	/	23.32	/	/	<=30	Pass
		Inner Full	23.55	/	/	23.95	/	/	<=30	Pass
		Inner 1RB Left	23.50	/	/	23.90	/	/	<=30	Pass
		Inner 1RB Right	23.35	/	/	23.75	/	/	<=30	Pass
	3945	Edge 1RB Left	22.85	/	/	23.25	/	/	<=30	Pass
		Edge 1RB Right	22.87	/	/	23.27	/	/	<=30	Pass
		Outer Full	23.00	/	/	23.40	/	/	<=30	Pass
		Inner Full	23.53	/	/	23.93	/	/	<=30	Pass
		Inner 1RB Left	23.39	/	/	23.79	/	/	<=30	Pass
		Inner 1RB Right	23.41	/	/	23.81	/	/	<=30	Pass
DFT-s-OFDM QPSK	3735	Edge 1RB Left	22.49	/	/	22.89	/	/	<=30	Pass
		Edge 1RB Right	22.41	/	/	22.81	/	/	<=30	Pass
		Outer Full	22.51	/	/	22.91	/	/	<=30	Pass
		Inner Full	23.46	/	/	23.86	/	/	<=30	Pass
		Inner 1RB Left	23.45	/	/	23.85	/	/	<=30	Pass
		Inner 1RB Right	23.51	/	/	23.91	/	/	<=30	Pass
	3840	Edge 1RB Left	22.54	/	/	22.94	/	/	<=30	Pass
		Edge 1RB Right	22.35	/	/	22.75	/	/	<=30	Pass
		Outer Full	22.49	/	/	22.89	/	/	<=30	Pass
		Inner Full	23.52	/	/	23.92	/	/	<=30	Pass
		Inner 1RB Left	23.47	/	/	23.87	/	/	<=30	Pass
		Inner 1RB Right	23.38	/	/	23.78	/	/	<=30	Pass
	3945	Edge 1RB Left	22.29	/	/	22.69	/	/	<=30	Pass
		Edge 1RB Right	22.34	/	/	22.74	/	/	<=30	Pass
		Outer Full	22.43	/	/	22.83	/	/	<=30	Pass

		Inner_Full	23.49	/	/	23.89	/	/	<=30	Pass
		Inner_1RB_Left	23.29	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Right	23.40	/	/	23.80	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3735	Edge_1RB_Left	21.48	/	/	21.88	/	/	<=30	Pass
		Edge_1RB_Right	21.52	/	/	21.92	/	/	<=30	Pass
		Outer_Full	21.48	/	/	21.88	/	/	<=30	Pass
		Inner_Full	22.39	/	/	22.79	/	/	<=30	Pass
		Inner_1RB_Left	22.50	/	/	22.90	/	/	<=30	Pass
		Inner_1RB_Right	22.53	/	/	22.93	/	/	<=30	Pass
		Edge_1RB_Left	21.67	/	/	22.07	/	/	<=30	Pass
	3840	Edge_1RB_Right	21.43	/	/	21.83	/	/	<=30	Pass
		Outer_Full	21.46	/	/	21.86	/	/	<=30	Pass
		Inner_Full	22.51	/	/	22.91	/	/	<=30	Pass
		Inner_1RB_Left	22.53	/	/	22.93	/	/	<=30	Pass
		Inner_1RB_Right	22.42	/	/	22.82	/	/	<=30	Pass
	3945	Edge_1RB_Left	21.39	/	/	21.79	/	/	<=30	Pass
		Edge_1RB_Right	21.44	/	/	21.84	/	/	<=30	Pass
		Outer_Full	21.57	/	/	21.97	/	/	<=30	Pass
		Inner_Full	22.50	/	/	22.90	/	/	<=30	Pass
		Inner_1RB_Left	22.43	/	/	22.83	/	/	<=30	Pass
		Inner_1RB_Right	22.47	/	/	22.87	/	/	<=30	Pass
		Edge_1RB_Left	21.22	/	/	21.62	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3735	Edge_1RB_Right	21.23	/	/	21.63	/	/	<=30	Pass
		Outer_Full	21.58	/	/	21.98	/	/	<=30	Pass
		Inner_Full	21.55	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Left	21.48	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Right	21.53	/	/	21.93	/	/	<=30	Pass
		Edge_1RB_Left	21.34	/	/	21.74	/	/	<=30	Pass
	3840	Edge_1RB_Right	21.09	/	/	21.49	/	/	<=30	Pass
		Outer_Full	21.49	/	/	21.89	/	/	<=30	Pass
		Inner_Full	21.54	/	/	21.94	/	/	<=30	Pass
		Inner_1RB_Left	21.61	/	/	22.01	/	/	<=30	Pass
		Inner_1RB_Right	21.33	/	/	21.73	/	/	<=30	Pass
	3945	Edge_1RB_Left	21.18	/	/	21.58	/	/	<=30	Pass
		Edge_1RB_Right	21.14	/	/	21.54	/	/	<=30	Pass
		Outer_Full	21.45	/	/	21.85	/	/	<=30	Pass
		Inner_Full	21.54	/	/	21.94	/	/	<=30	Pass
		Inner_1RB_Left	21.43	/	/	21.83	/	/	<=30	Pass
		Inner_1RB_Right	21.43	/	/	21.83	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3735	Edge_1RB_Left	19.39	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	19.27	/	/	19.67	/	/	<=30	Pass
		Outer_Full	20.55	/	/	20.95	/	/	<=30	Pass
		Inner_Full	20.54	/	/	20.94	/	/	<=30	Pass
		Inner_1RB_Left	20.30	/	/	20.70	/	/	<=30	Pass
		Inner_1RB_Right	20.35	/	/	20.75	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.65	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	19.19	/	/	19.59	/	/	<=30	Pass
		Outer_Full	20.48	/	/	20.88	/	/	<=30	Pass
		Inner_Full	20.54	/	/	20.94	/	/	<=30	Pass
		Inner_1RB_Left	20.55	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Right	20.35	/	/	20.75	/	/	<=30	Pass
	3945	Edge_1RB_Left	19.22	/	/	19.62	/	/	<=30	Pass
		Edge_1RB_Right	19.20	/	/	19.60	/	/	<=30	Pass
		Outer_Full	20.52	/	/	20.92	/	/	<=30	Pass
		Inner_Full	20.51	/	/	20.91	/	/	<=30	Pass
		Inner_1RB_Left	20.18	/	/	20.58	/	/	<=30	Pass
		Inner_1RB_Right	20.27	/	/	20.67	/	/	<=30	Pass
CP-OFDM QPSK	3735	Edge_1RB_Left	20.64	/	/	21.04	/	/	<=30	Pass
		Edge_1RB_Right	20.54	/	/	20.94	/	/	<=30	Pass

		Outer_Full	21.48	/	/	21.88	/	/	<=30	Pass
		Inner_Full	23.00	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Left	23.02	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Right	23.11	/	/	23.51	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.71	/	/	21.11	/	/	<=30	Pass
		Edge_1RB_Right	20.56	/	/	20.96	/	/	<=30	Pass
		Outer_Full	21.50	/	/	21.90	/	/	<=30	Pass
		Inner_Full	23.01	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Left	23.12	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Right	22.93	/	/	23.33	/	/	<=30	Pass
	3945	Edge_1RB_Left	20.50	/	/	20.90	/	/	<=30	Pass
		Edge_1RB_Right	20.51	/	/	20.91	/	/	<=30	Pass
		Outer_Full	21.48	/	/	21.88	/	/	<=30	Pass
		Inner_Full	23.07	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Left	22.91	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Right	22.91	/	/	23.31	/	/	<=30	Pass
CP-OFDM 16 QAM	3735	Edge_1RB_Left	20.63	/	/	21.03	/	/	<=30	Pass
		Edge_1RB_Right	20.70	/	/	21.10	/	/	<=30	Pass
		Outer_Full	21.45	/	/	21.85	/	/	<=30	Pass
		Inner_Full	22.50	/	/	22.90	/	/	<=30	Pass
		Inner_1RB_Left	22.52	/	/	22.92	/	/	<=30	Pass
		Inner_1RB_Right	22.53	/	/	22.93	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.79	/	/	21.19	/	/	<=30	Pass
		Edge_1RB_Right	20.60	/	/	21.00	/	/	<=30	Pass
		Outer_Full	21.55	/	/	21.95	/	/	<=30	Pass
		Inner_Full	22.53	/	/	22.93	/	/	<=30	Pass
		Inner_1RB_Left	22.64	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Right	22.41	/	/	22.81	/	/	<=30	Pass
	3945	Edge_1RB_Left	20.67	/	/	21.07	/	/	<=30	Pass
		Edge_1RB_Right	20.62	/	/	21.02	/	/	<=30	Pass
		Outer_Full	21.56	/	/	21.96	/	/	<=30	Pass
		Inner_Full	22.55	/	/	22.95	/	/	<=30	Pass
		Inner_1RB_Left	22.47	/	/	22.87	/	/	<=30	Pass
		Inner_1RB_Right	22.57	/	/	22.97	/	/	<=30	Pass
CP-OFDM 64 QAM	3735	Edge_1RB_Left	20.29	/	/	20.69	/	/	<=30	Pass
		Edge_1RB_Right	20.29	/	/	20.69	/	/	<=30	Pass
		Outer_Full	21.48	/	/	21.88	/	/	<=30	Pass
		Inner_Full	22.08	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Left	22.06	/	/	22.46	/	/	<=30	Pass
		Inner_1RB_Right	22.08	/	/	22.48	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.39	/	/	20.79	/	/	<=30	Pass
		Edge_1RB_Right	20.16	/	/	20.56	/	/	<=30	Pass
		Outer_Full	21.55	/	/	21.95	/	/	<=30	Pass
		Inner_Full	22.05	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Left	22.22	/	/	22.62	/	/	<=30	Pass
		Inner_1RB_Right	21.97	/	/	22.37	/	/	<=30	Pass
	3945	Edge_1RB_Left	20.18	/	/	20.58	/	/	<=30	Pass
		Edge_1RB_Right	20.17	/	/	20.57	/	/	<=30	Pass
		Outer_Full	21.60	/	/	22.00	/	/	<=30	Pass
		Inner_Full	22.08	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Left	22.05	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Right	22.08	/	/	22.48	/	/	<=30	Pass
CP-OFDM 256 QAM	3735	Edge_1RB_Left	17.41	/	/	17.81	/	/	<=30	Pass
		Edge_1RB_Right	17.41	/	/	17.81	/	/	<=30	Pass
		Outer_Full	19.05	/	/	19.45	/	/	<=30	Pass
		Inner_Full	19.09	/	/	19.49	/	/	<=30	Pass
		Inner_1RB_Left	18.96	/	/	19.36	/	/	<=30	Pass
		Inner_1RB_Right	18.99	/	/	19.39	/	/	<=30	Pass
	3840	Edge_1RB_Left	17.47	/	/	17.87	/	/	<=30	Pass

		Edge 1RB Right	17.30	/	/	17.70	/	/	<=30	Pass
		Outer_Full	19.03	/	/	19.43	/	/	<=30	Pass
		Inner_Full	19.03	/	/	19.43	/	/	<=30	Pass
		Inner_1RB Left	19.03	/	/	19.43	/	/	<=30	Pass
		Inner_1RB Right	18.88	/	/	19.28	/	/	<=30	Pass
	3945	Edge 1RB Left	17.43	/	/	17.83	/	/	<=30	Pass
		Edge 1RB Right	17.33	/	/	17.73	/	/	<=30	Pass
		Outer_Full	18.97	/	/	19.37	/	/	<=30	Pass
		Inner_Full	19.00	/	/	19.40	/	/	<=30	Pass
		Inner_1RB Left	18.88	/	/	19.28	/	/	<=30	Pass
		Inner_1RB Right	18.90	/	/	19.30	/	/	<=30	Pass
Note1: Antenna Gain: Ant13: 0.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30k_SISO_80MHz_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant13	Ant2	Sum	Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3740.01	Edge 1RB Left	22.96	/	/	23.36	/	/	<=30	Pass
		Edge 1RB Right	22.77	/	/	23.17	/	/	<=30	Pass
		Outer_Full	22.88	/	/	23.28	/	/	<=30	Pass
		Inner_Full	23.54	/	/	23.94	/	/	<=30	Pass
		Inner 1RB Left	23.51	/	/	23.91	/	/	<=30	Pass
		Inner 1RB Right	23.30	/	/	23.70	/	/	<=30	Pass
	3840	Edge 1RB Left	22.98	/	/	23.38	/	/	<=30	Pass
		Edge 1RB Right	22.82	/	/	23.22	/	/	<=30	Pass
		Outer_Full	23.03	/	/	23.43	/	/	<=30	Pass
		Inner_Full	23.56	/	/	23.96	/	/	<=30	Pass
		Inner 1RB Left	23.50	/	/	23.90	/	/	<=30	Pass
		Inner 1RB Right	23.38	/	/	23.78	/	/	<=30	Pass
	3939.99	Edge 1RB Left	22.95	/	/	23.35	/	/	<=30	Pass
		Edge 1RB Right	22.80	/	/	23.20	/	/	<=30	Pass
		Outer_Full	22.91	/	/	23.31	/	/	<=30	Pass
		Inner_Full	23.65	/	/	24.05	/	/	<=30	Pass
		Inner 1RB Left	23.45	/	/	23.85	/	/	<=30	Pass
		Inner 1RB Right	23.30	/	/	23.70	/	/	<=30	Pass
DFT-s-OFDM QPSK	3740.01	Edge 1RB Left	22.39	/	/	22.79	/	/	<=30	Pass
		Edge 1RB Right	22.26	/	/	22.66	/	/	<=30	Pass
		Outer_Full	22.45	/	/	22.85	/	/	<=30	Pass
		Inner_Full	23.52	/	/	23.92	/	/	<=30	Pass
		Inner 1RB Left	23.53	/	/	23.93	/	/	<=30	Pass
		Inner 1RB Right	23.36	/	/	23.76	/	/	<=30	Pass
	3840	Edge 1RB Left	22.48	/	/	22.88	/	/	<=30	Pass
		Edge 1RB Right	22.28	/	/	22.68	/	/	<=30	Pass
		Outer_Full	22.51	/	/	22.91	/	/	<=30	Pass
		Inner_Full	23.50	/	/	23.90	/	/	<=30	Pass
		Inner 1RB Left	23.48	/	/	23.88	/	/	<=30	Pass
		Inner 1RB Right	23.31	/	/	23.71	/	/	<=30	Pass
	3939.99	Edge 1RB Left	22.41	/	/	22.81	/	/	<=30	Pass
		Edge 1RB Right	22.26	/	/	22.66	/	/	<=30	Pass
		Outer_Full	22.32	/	/	22.72	/	/	<=30	Pass
		Inner_Full	23.54	/	/	23.94	/	/	<=30	Pass
		Inner 1RB Left	23.48	/	/	23.88	/	/	<=30	Pass
		Inner 1RB Right	23.36	/	/	23.76	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3740.01	Edge 1RB Left	21.57	/	/	21.97	/	/	<=30	Pass
		Edge 1RB Right	21.44	/	/	21.84	/	/	<=30	Pass
		Outer_Full	21.43	/	/	21.83	/	/	<=30	Pass

		Inner_Full	22.49	/	/	22.89	/	/	<=30	Pass
		Inner_1RB_Left	22.53	/	/	22.93	/	/	<=30	Pass
		Inner_1RB_Right	22.39	/	/	22.79	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.55	/	/	21.95	/	/	<=30	Pass
		Edge_1RB_Right	21.36	/	/	21.76	/	/	<=30	Pass
		Outer_Full	21.47	/	/	21.87	/	/	<=30	Pass
		Inner_Full	22.51	/	/	22.91	/	/	<=30	Pass
		Inner_1RB_Left	22.47	/	/	22.87	/	/	<=30	Pass
		Inner_1RB_Right	22.38	/	/	22.78	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	21.53	/	/	21.93	/	/	<=30	Pass
		Edge_1RB_Right	21.35	/	/	21.75	/	/	<=30	Pass
		Outer_Full	21.39	/	/	21.79	/	/	<=30	Pass
		Inner_Full	22.60	/	/	23.00	/	/	<=30	Pass
		Inner_1RB_Left	22.60	/	/	23.00	/	/	<=30	Pass
		Inner_1RB_Right	22.34	/	/	22.74	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3740.01	Edge_1RB_Left	21.28	/	/	21.68	/	/	<=30	Pass
		Edge_1RB_Right	21.14	/	/	21.54	/	/	<=30	Pass
		Outer_Full	21.46	/	/	21.86	/	/	<=30	Pass
		Inner_Full	21.43	/	/	21.83	/	/	<=30	Pass
		Inner_1RB_Left	21.52	/	/	21.92	/	/	<=30	Pass
		Inner_1RB_Right	21.30	/	/	21.70	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.22	/	/	21.62	/	/	<=30	Pass
		Edge_1RB_Right	21.18	/	/	21.58	/	/	<=30	Pass
		Outer_Full	21.49	/	/	21.89	/	/	<=30	Pass
		Inner_Full	21.48	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Left	21.49	/	/	21.89	/	/	<=30	Pass
		Inner_1RB_Right	21.42	/	/	21.82	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	21.18	/	/	21.58	/	/	<=30	Pass
		Edge_1RB_Right	20.99	/	/	21.39	/	/	<=30	Pass
		Outer_Full	21.41	/	/	21.81	/	/	<=30	Pass
		Inner_Full	21.57	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Left	21.55	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Right	21.38	/	/	21.78	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3740.01	Edge_1RB_Left	19.37	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	19.21	/	/	19.61	/	/	<=30	Pass
		Outer_Full	20.51	/	/	20.91	/	/	<=30	Pass
		Inner_Full	20.49	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Left	20.43	/	/	20.83	/	/	<=30	Pass
		Inner_1RB_Right	20.18	/	/	20.58	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.35	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Right	19.28	/	/	19.68	/	/	<=30	Pass
		Outer_Full	20.59	/	/	20.99	/	/	<=30	Pass
		Inner_Full	20.55	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Left	20.35	/	/	20.75	/	/	<=30	Pass
		Inner_1RB_Right	20.24	/	/	20.64	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	19.30	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Right	19.17	/	/	19.57	/	/	<=30	Pass
		Outer_Full	20.44	/	/	20.84	/	/	<=30	Pass
		Inner_Full	20.64	/	/	21.04	/	/	<=30	Pass
		Inner_1RB_Left	20.36	/	/	20.76	/	/	<=30	Pass
		Inner_1RB_Right	20.15	/	/	20.55	/	/	<=30	Pass
CP-OFDM QPSK	3740.01	Edge_1RB_Left	20.68	/	/	21.08	/	/	<=30	Pass
		Edge_1RB_Right	20.45	/	/	20.85	/	/	<=30	Pass
		Outer_Full	21.45	/	/	21.85	/	/	<=30	Pass
		Inner_Full	22.91	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Left	23.03	/	/	23.43	/	/	<=30	Pass
		Inner_1RB_Right	22.86	/	/	23.26	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.63	/	/	21.03	/	/	<=30	Pass
		Edge_1RB_Right	20.46	/	/	20.86	/	/	<=30	Pass

		Outer_Full	21.46	/	/	21.86	/	/	<=30	Pass
		Inner_Full	23.04	/	/	23.44	/	/	<=30	Pass
		Inner_1RB_Left	23.06	/	/	23.46	/	/	<=30	Pass
		Inner_1RB_Right	22.83	/	/	23.23	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	20.60	/	/	21.00	/	/	<=30	Pass
		Edge_1RB_Right	20.46	/	/	20.86	/	/	<=30	Pass
		Outer_Full	21.48	/	/	21.88	/	/	<=30	Pass
		Inner_Full	23.15	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Left	22.98	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Right	22.82	/	/	23.22	/	/	<=30	Pass
CP-OFDM 16 QAM	3740.01	Edge_1RB_Left	20.76	/	/	21.16	/	/	<=30	Pass
		Edge_1RB_Right	20.55	/	/	20.95	/	/	<=30	Pass
		Outer_Full	21.54	/	/	21.94	/	/	<=30	Pass
		Inner_Full	22.46	/	/	22.86	/	/	<=30	Pass
		Inner_1RB_Left	22.56	/	/	22.96	/	/	<=30	Pass
		Inner_1RB_Right	22.47	/	/	22.87	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.76	/	/	21.16	/	/	<=30	Pass
		Edge_1RB_Right	20.50	/	/	20.90	/	/	<=30	Pass
		Outer_Full	21.57	/	/	21.97	/	/	<=30	Pass
		Inner_Full	22.59	/	/	22.99	/	/	<=30	Pass
		Inner_1RB_Left	22.55	/	/	22.95	/	/	<=30	Pass
		Inner_1RB_Right	22.47	/	/	22.87	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	20.70	/	/	21.10	/	/	<=30	Pass
		Edge_1RB_Right	20.50	/	/	20.90	/	/	<=30	Pass
		Outer_Full	21.57	/	/	21.97	/	/	<=30	Pass
		Inner_Full	22.62	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Left	22.55	/	/	22.95	/	/	<=30	Pass
		Inner_1RB_Right	22.38	/	/	22.78	/	/	<=30	Pass
CP-OFDM 64 QAM	3740.01	Edge_1RB_Left	20.34	/	/	20.74	/	/	<=30	Pass
		Edge_1RB_Right	20.15	/	/	20.55	/	/	<=30	Pass
		Outer_Full	21.51	/	/	21.91	/	/	<=30	Pass
		Inner_Full	22.04	/	/	22.44	/	/	<=30	Pass
		Inner_1RB_Left	22.12	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Right	22.00	/	/	22.40	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.24	/	/	20.64	/	/	<=30	Pass
		Edge_1RB_Right	20.16	/	/	20.56	/	/	<=30	Pass
		Outer_Full	21.53	/	/	21.93	/	/	<=30	Pass
		Inner_Full	21.99	/	/	22.39	/	/	<=30	Pass
		Inner_1RB_Left	22.10	/	/	22.50	/	/	<=30	Pass
		Inner_1RB_Right	21.87	/	/	22.27	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	20.33	/	/	20.73	/	/	<=30	Pass
		Edge_1RB_Right	20.11	/	/	20.51	/	/	<=30	Pass
		Outer_Full	21.47	/	/	21.87	/	/	<=30	Pass
		Inner_Full	22.03	/	/	22.43	/	/	<=30	Pass
		Inner_1RB_Left	22.18	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Right	21.90	/	/	22.30	/	/	<=30	Pass
CP-OFDM 256 QAM	3740.01	Edge_1RB_Left	17.43	/	/	17.83	/	/	<=30	Pass
		Edge_1RB_Right	17.47	/	/	17.87	/	/	<=30	Pass
		Outer_Full	18.94	/	/	19.34	/	/	<=30	Pass
		Inner_Full	19.01	/	/	19.41	/	/	<=30	Pass
		Inner_1RB_Left	19.00	/	/	19.40	/	/	<=30	Pass
		Inner_1RB_Right	18.90	/	/	19.30	/	/	<=30	Pass
	3840	Edge_1RB_Left	17.45	/	/	17.85	/	/	<=30	Pass
		Edge_1RB_Right	17.32	/	/	17.72	/	/	<=30	Pass
		Outer_Full	19.01	/	/	19.41	/	/	<=30	Pass
		Inner_Full	19.11	/	/	19.51	/	/	<=30	Pass
		Inner_1RB_Left	18.92	/	/	19.32	/	/	<=30	Pass
		Inner_1RB_Right	18.84	/	/	19.24	/	/	<=30	Pass
	3939.99	Edge_1RB_Left	17.37	/	/	17.77	/	/	<=30	Pass

		Edge 1RB Right	17.17	/	/	17.57	/	/	<=30	Pass
		Outer Full	19.02	/	/	19.42	/	/	<=30	Pass
		Inner Full	19.10	/	/	19.50	/	/	<=30	Pass
		Inner 1RB Left	18.88	/	/	19.28	/	/	<=30	Pass
		Inner 1RB Right	18.67	/	/	19.07	/	/	<=30	Pass
Note1: Antenna Gain: Ant13: 0.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.10 30k_SISO_90MHz_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant13	Ant2	Sum	Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3745.02	Edge 1RB Left	22.86	/	/	23.26	/	/	<=30	Pass
		Edge 1RB Right	22.93	/	/	23.33	/	/	<=30	Pass
		Outer Full	22.94	/	/	23.34	/	/	<=30	Pass
		Inner Full	23.46	/	/	23.86	/	/	<=30	Pass
		Inner 1RB Left	23.44	/	/	23.84	/	/	<=30	Pass
		Inner 1RB Right	23.50	/	/	23.90	/	/	<=30	Pass
	3840	Edge 1RB Left	22.96	/	/	23.36	/	/	<=30	Pass
		Edge 1RB Right	22.98	/	/	23.38	/	/	<=30	Pass
		Outer Full	22.93	/	/	23.33	/	/	<=30	Pass
		Inner Full	23.56	/	/	23.96	/	/	<=30	Pass
		Inner 1RB Left	23.39	/	/	23.79	/	/	<=30	Pass
		Inner 1RB Right	23.52	/	/	23.92	/	/	<=30	Pass
	3934.98	Edge 1RB Left	23.03	/	/	23.43	/	/	<=30	Pass
		Edge 1RB Right	22.76	/	/	23.16	/	/	<=30	Pass
		Outer Full	22.90	/	/	23.30	/	/	<=30	Pass
		Inner Full	23.53	/	/	23.93	/	/	<=30	Pass
		Inner 1RB Left	23.61	/	/	24.01	/	/	<=30	Pass
		Inner 1RB Right	23.20	/	/	23.60	/	/	<=30	Pass
DFT-s-OFDM QPSK	3745.02	Edge 1RB Left	22.41	/	/	22.81	/	/	<=30	Pass
		Edge 1RB Right	22.48	/	/	22.88	/	/	<=30	Pass
		Outer Full	22.43	/	/	22.83	/	/	<=30	Pass
		Inner Full	23.46	/	/	23.86	/	/	<=30	Pass
		Inner 1RB Left	23.28	/	/	23.68	/	/	<=30	Pass
		Inner 1RB Right	23.49	/	/	23.89	/	/	<=30	Pass
	3840	Edge 1RB Left	22.49	/	/	22.89	/	/	<=30	Pass
		Edge 1RB Right	22.49	/	/	22.89	/	/	<=30	Pass
		Outer Full	22.55	/	/	22.95	/	/	<=30	Pass
		Inner Full	23.51	/	/	23.91	/	/	<=30	Pass
		Inner 1RB Left	23.46	/	/	23.86	/	/	<=30	Pass
		Inner 1RB Right	23.48	/	/	23.88	/	/	<=30	Pass
	3934.98	Edge 1RB Left	22.52	/	/	22.92	/	/	<=30	Pass
		Edge 1RB Right	22.11	/	/	22.51	/	/	<=30	Pass
		Outer Full	22.33	/	/	22.73	/	/	<=30	Pass
		Inner Full	23.49	/	/	23.89	/	/	<=30	Pass
		Inner 1RB Left	23.63	/	/	24.03	/	/	<=30	Pass
		Inner 1RB Right	23.24	/	/	23.64	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3745.02	Edge 1RB Left	21.38	/	/	21.78	/	/	<=30	Pass
		Edge 1RB Right	21.58	/	/	21.98	/	/	<=30	Pass
		Outer Full	21.42	/	/	21.82	/	/	<=30	Pass
		Inner Full	22.47	/	/	22.87	/	/	<=30	Pass
		Inner 1RB Left	22.46	/	/	22.86	/	/	<=30	Pass
		Inner 1RB Right	22.63	/	/	23.03	/	/	<=30	Pass
	3840	Edge 1RB Left	21.53	/	/	21.93	/	/	<=30	Pass
		Edge 1RB Right	21.61	/	/	22.01	/	/	<=30	Pass
		Outer Full	21.55	/	/	21.95	/	/	<=30	Pass

		Inner_Full	22.52	/	/	22.92	/	/	<=30	Pass
		Inner_1RB_Left	22.50	/	/	22.90	/	/	<=30	Pass
		Inner_1RB_Right	22.56	/	/	22.96	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	21.61	/	/	22.01	/	/	<=30	Pass
		Edge_1RB_Right	21.28	/	/	21.68	/	/	<=30	Pass
		Outer_Full	21.42	/	/	21.82	/	/	<=30	Pass
		Inner_Full	22.47	/	/	22.87	/	/	<=30	Pass
		Inner_1RB_Left	22.70	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Right	22.32	/	/	22.72	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3745.02	Edge_1RB_Left	21.13	/	/	21.53	/	/	<=30	Pass
		Edge_1RB_Right	21.31	/	/	21.71	/	/	<=30	Pass
		Outer_Full	21.46	/	/	21.86	/	/	<=30	Pass
		Inner_Full	21.56	/	/	21.96	/	/	<=30	Pass
		Inner_1RB_Left	21.52	/	/	21.92	/	/	<=30	Pass
		Inner_1RB_Right	21.67	/	/	22.07	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.26	/	/	21.66	/	/	<=30	Pass
		Edge_1RB_Right	21.25	/	/	21.65	/	/	<=30	Pass
		Outer_Full	21.48	/	/	21.88	/	/	<=30	Pass
		Inner_Full	21.58	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Left	21.47	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Right	21.54	/	/	21.94	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	21.36	/	/	21.76	/	/	<=30	Pass
		Edge_1RB_Right	20.93	/	/	21.33	/	/	<=30	Pass
		Outer_Full	21.45	/	/	21.85	/	/	<=30	Pass
		Inner_Full	21.52	/	/	21.92	/	/	<=30	Pass
		Inner_1RB_Left	21.59	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Right	21.24	/	/	21.64	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3745.02	Edge_1RB_Left	19.25	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	19.47	/	/	19.87	/	/	<=30	Pass
		Outer_Full	20.46	/	/	20.86	/	/	<=30	Pass
		Inner_Full	20.56	/	/	20.96	/	/	<=30	Pass
		Inner_1RB_Left	20.28	/	/	20.68	/	/	<=30	Pass
		Inner_1RB_Right	20.48	/	/	20.88	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.30	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Right	19.41	/	/	19.81	/	/	<=30	Pass
		Outer_Full	20.46	/	/	20.86	/	/	<=30	Pass
		Inner_Full	20.58	/	/	20.98	/	/	<=30	Pass
		Inner_1RB_Left	20.32	/	/	20.72	/	/	<=30	Pass
		Inner_1RB_Right	20.39	/	/	20.79	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	19.36	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	19.04	/	/	19.44	/	/	<=30	Pass
		Outer_Full	20.33	/	/	20.73	/	/	<=30	Pass
		Inner_Full	20.38	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Left	20.42	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Right	20.10	/	/	20.50	/	/	<=30	Pass
CP-OFDM QPSK	3745.02	Edge_1RB_Left	20.49	/	/	20.89	/	/	<=30	Pass
		Edge_1RB_Right	20.72	/	/	21.12	/	/	<=30	Pass
		Outer_Full	21.39	/	/	21.79	/	/	<=30	Pass
		Inner_Full	22.99	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Left	22.87	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Right	23.03	/	/	23.43	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.66	/	/	21.06	/	/	<=30	Pass
		Edge_1RB_Right	20.62	/	/	21.02	/	/	<=30	Pass
		Outer_Full	21.53	/	/	21.93	/	/	<=30	Pass
		Inner_Full	22.97	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Left	23.01	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Right	22.94	/	/	23.34	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	20.65	/	/	21.05	/	/	<=30	Pass
		Edge_1RB_Right	20.34	/	/	20.74	/	/	<=30	Pass

		Outer_Full	21.41	/	/	21.81	/	/	<=30	Pass
		Inner_Full	22.98	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Left	23.11	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Right	22.69	/	/	23.09	/	/	<=30	Pass
CP-OFDM 16 QAM	3745.02	Edge_1RB_Left	20.65	/	/	21.05	/	/	<=30	Pass
		Edge_1RB_Right	20.73	/	/	21.13	/	/	<=30	Pass
		Outer_Full	21.52	/	/	21.92	/	/	<=30	Pass
		Inner_Full	22.38	/	/	22.78	/	/	<=30	Pass
		Inner_1RB_Left	22.52	/	/	22.92	/	/	<=30	Pass
		Inner_1RB_Right	22.58	/	/	22.98	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.65	/	/	21.05	/	/	<=30	Pass
		Edge_1RB_Right	20.64	/	/	21.04	/	/	<=30	Pass
		Outer_Full	21.49	/	/	21.89	/	/	<=30	Pass
		Inner_Full	22.53	/	/	22.93	/	/	<=30	Pass
		Inner_1RB_Left	22.52	/	/	22.92	/	/	<=30	Pass
		Inner_1RB_Right	22.55	/	/	22.95	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	20.84	/	/	21.24	/	/	<=30	Pass
		Edge_1RB_Right	20.46	/	/	20.86	/	/	<=30	Pass
		Outer_Full	21.47	/	/	21.87	/	/	<=30	Pass
		Inner_Full	22.53	/	/	22.93	/	/	<=30	Pass
Inner_1RB_Left		22.65	/	/	23.05	/	/	<=30	Pass	
Inner_1RB_Right		22.17	/	/	22.57	/	/	<=30	Pass	
CP-OFDM 64 QAM	3745.02	Edge_1RB_Left	20.16	/	/	20.56	/	/	<=30	Pass
		Edge_1RB_Right	20.32	/	/	20.72	/	/	<=30	Pass
		Outer_Full	21.54	/	/	21.94	/	/	<=30	Pass
		Inner_Full	22.00	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Left	22.08	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Right	22.10	/	/	22.50	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.25	/	/	20.65	/	/	<=30	Pass
		Edge_1RB_Right	20.26	/	/	20.66	/	/	<=30	Pass
		Outer_Full	21.49	/	/	21.89	/	/	<=30	Pass
		Inner_Full	21.98	/	/	22.38	/	/	<=30	Pass
		Inner_1RB_Left	22.03	/	/	22.43	/	/	<=30	Pass
		Inner_1RB_Right	22.01	/	/	22.41	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	20.45	/	/	20.85	/	/	<=30	Pass
		Edge_1RB_Right	19.96	/	/	20.36	/	/	<=30	Pass
		Outer_Full	21.47	/	/	21.87	/	/	<=30	Pass
		Inner_Full	21.93	/	/	22.33	/	/	<=30	Pass
Inner_1RB_Left		22.11	/	/	22.51	/	/	<=30	Pass	
Inner_1RB_Right		21.89	/	/	22.29	/	/	<=30	Pass	
CP-OFDM 256 QAM	3745.02	Edge_1RB_Left	17.28	/	/	17.68	/	/	<=30	Pass
		Edge_1RB_Right	17.46	/	/	17.86	/	/	<=30	Pass
		Outer_Full	19.05	/	/	19.45	/	/	<=30	Pass
		Inner_Full	19.08	/	/	19.48	/	/	<=30	Pass
		Inner_1RB_Left	18.87	/	/	19.27	/	/	<=30	Pass
		Inner_1RB_Right	19.00	/	/	19.40	/	/	<=30	Pass
	3840	Edge_1RB_Left	17.41	/	/	17.81	/	/	<=30	Pass
		Edge_1RB_Right	17.50	/	/	17.90	/	/	<=30	Pass
		Outer_Full	19.06	/	/	19.46	/	/	<=30	Pass
		Inner_Full	19.15	/	/	19.55	/	/	<=30	Pass
		Inner_1RB_Left	18.97	/	/	19.37	/	/	<=30	Pass
		Inner_1RB_Right	18.94	/	/	19.34	/	/	<=30	Pass
	3934.98	Edge_1RB_Left	17.50	/	/	17.90	/	/	<=30	Pass
		Edge_1RB_Right	17.04	/	/	17.44	/	/	<=30	Pass
		Outer_Full	18.95	/	/	19.35	/	/	<=30	Pass
		Inner_Full	19.01	/	/	19.41	/	/	<=30	Pass
Inner_1RB_Left		19.04	/	/	19.44	/	/	<=30	Pass	
Inner_1RB_Right		18.55	/	/	18.95	/	/	<=30	Pass	
Note1: Antenna Gain: Ant13: 0.40dBi:										

Note2: EIRP=Conducted Power+Antenna Gain

1.1.11 30k_SISO_100MHz_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 100MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant13	Ant2	Sum	Ant13	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Edge_1RB_Left	22.89	/	/	23.29	/	/	<=30	Pass
		Edge_1RB_Right	22.80	/	/	23.20	/	/	<=30	Pass
		Outer_Full	22.92	/	/	23.32	/	/	<=30	Pass
		Inner_Full	23.47	/	/	23.87	/	/	<=30	Pass
		Inner_1RB_Left	23.47	/	/	23.87	/	/	<=30	Pass
		Inner_1RB_Right	23.37	/	/	23.77	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.93	/	/	23.33	/	/	<=30	Pass
		Edge_1RB_Right	22.92	/	/	23.32	/	/	<=30	Pass
		Outer_Full	23.07	/	/	23.47	/	/	<=30	Pass
		Inner_Full	23.56	/	/	23.96	/	/	<=30	Pass
		Inner_1RB_Left	23.47	/	/	23.87	/	/	<=30	Pass
		Inner_1RB_Right	23.52	/	/	23.92	/	/	<=30	Pass
	3930	Edge_1RB_Left	23.06	/	/	23.46	/	/	<=30	Pass
		Edge_1RB_Right	22.86	/	/	23.26	/	/	<=30	Pass
		Outer_Full	22.99	/	/	23.39	/	/	<=30	Pass
		Inner_Full	23.68	/	/	24.08	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	23.99	/	/	<=30	Pass
		Inner_1RB_Right	23.48	/	/	23.88	/	/	<=30	Pass
DFT-s-OFDM QPSK	3750	Edge_1RB_Left	22.33	/	/	22.73	/	/	<=30	Pass
		Edge_1RB_Right	22.30	/	/	22.70	/	/	<=30	Pass
		Outer_Full	22.34	/	/	22.74	/	/	<=30	Pass
		Inner_Full	23.51	/	/	23.91	/	/	<=30	Pass
		Inner_1RB_Left	23.36	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Right	23.36	/	/	23.76	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.49	/	/	22.89	/	/	<=30	Pass
		Edge_1RB_Right	22.50	/	/	22.90	/	/	<=30	Pass
		Outer_Full	22.57	/	/	22.97	/	/	<=30	Pass
		Inner_Full	23.61	/	/	24.01	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	23.92	/	/	<=30	Pass
		Inner_1RB_Right	23.48	/	/	23.88	/	/	<=30	Pass
	3930	Edge_1RB_Left	22.58	/	/	22.98	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	22.80	/	/	<=30	Pass
		Outer_Full	22.48	/	/	22.88	/	/	<=30	Pass
		Inner_Full	23.62	/	/	24.02	/	/	<=30	Pass
		Inner_1RB_Left	23.64	/	/	24.04	/	/	<=30	Pass
		Inner_1RB_Right	23.43	/	/	23.83	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Edge_1RB_Left	21.50	/	/	21.90	/	/	<=30	Pass
		Edge_1RB_Right	21.35	/	/	21.75	/	/	<=30	Pass
		Outer_Full	21.47	/	/	21.87	/	/	<=30	Pass
		Inner_Full	22.40	/	/	22.80	/	/	<=30	Pass
		Inner_1RB_Left	22.60	/	/	23.00	/	/	<=30	Pass
		Inner_1RB_Right	22.50	/	/	22.90	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.56	/	/	21.96	/	/	<=30	Pass
		Edge_1RB_Right	21.58	/	/	21.98	/	/	<=30	Pass
		Outer_Full	21.59	/	/	21.99	/	/	<=30	Pass
		Inner_Full	22.64	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Left	22.55	/	/	22.95	/	/	<=30	Pass
	3930	Inner_1RB_Right	22.70	/	/	23.10	/	/	<=30	Pass
		Edge_1RB_Left	21.71	/	/	22.11	/	/	<=30	Pass
		Edge_1RB_Right	21.50	/	/	21.90	/	/	<=30	Pass

		Outer_Full	21.54	/	/	21.94	/	/	<=30	Pass
		Inner_Full	22.66	/	/	23.06	/	/	<=30	Pass
		Inner_1RB_Left	22.73	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Right	22.58	/	/	22.98	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Edge_1RB_Left	21.17	/	/	21.57	/	/	<=30	Pass
		Edge_1RB_Right	21.29	/	/	21.69	/	/	<=30	Pass
		Outer_Full	21.42	/	/	21.82	/	/	<=30	Pass
		Inner_Full	21.51	/	/	21.91	/	/	<=30	Pass
		Inner_1RB_Left	21.57	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Right	21.57	/	/	21.97	/	/	<=30	Pass
		Edge_1RB_Left	21.32	/	/	21.72	/	/	<=30	Pass
		Edge_1RB_Right	21.27	/	/	21.67	/	/	<=30	Pass
	3840	Outer_Full	21.61	/	/	22.01	/	/	<=30	Pass
		Inner_Full	21.71	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Left	21.54	/	/	21.94	/	/	<=30	Pass
		Inner_1RB_Right	21.60	/	/	22.00	/	/	<=30	Pass
		Edge_1RB_Left	21.34	/	/	21.74	/	/	<=30	Pass
		Edge_1RB_Right	21.27	/	/	21.67	/	/	<=30	Pass
	3930	Outer_Full	21.55	/	/	21.95	/	/	<=30	Pass
		Inner_Full	21.64	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Left	21.63	/	/	22.03	/	/	<=30	Pass
		Inner_1RB_Right	21.44	/	/	21.84	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Edge_1RB_Left	19.38	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	19.35	/	/	19.75	/	/	<=30	Pass
		Outer_Full	20.55	/	/	20.95	/	/	<=30	Pass
		Inner_Full	20.56	/	/	20.96	/	/	<=30	Pass
		Inner_1RB_Left	20.42	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Right	20.33	/	/	20.73	/	/	<=30	Pass
	3840	Edge_1RB_Left	19.33	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Right	19.49	/	/	19.89	/	/	<=30	Pass
		Outer_Full	20.64	/	/	21.04	/	/	<=30	Pass
		Inner_Full	20.75	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Left	20.43	/	/	20.83	/	/	<=30	Pass
		Inner_1RB_Right	20.55	/	/	20.95	/	/	<=30	Pass
	3930	Edge_1RB_Left	19.47	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	19.28	/	/	19.68	/	/	<=30	Pass
		Outer_Full	20.49	/	/	20.89	/	/	<=30	Pass
		Inner_Full	20.64	/	/	21.04	/	/	<=30	Pass
		Inner_1RB_Left	20.51	/	/	20.91	/	/	<=30	Pass
		Inner_1RB_Right	20.45	/	/	20.85	/	/	<=30	Pass
CP-OFDM QPSK	3750	Edge_1RB_Left	20.67	/	/	21.07	/	/	<=30	Pass
		Edge_1RB_Right	20.68	/	/	21.08	/	/	<=30	Pass
		Outer_Full	21.57	/	/	21.97	/	/	<=30	Pass
		Inner_Full	22.93	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Left	23.01	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Right	22.94	/	/	23.34	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.69	/	/	21.09	/	/	<=30	Pass
		Edge_1RB_Right	20.74	/	/	21.14	/	/	<=30	Pass
		Outer_Full	21.69	/	/	22.09	/	/	<=30	Pass
		Inner_Full	23.17	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Left	23.04	/	/	23.44	/	/	<=30	Pass
		Inner_1RB_Right	23.06	/	/	23.46	/	/	<=30	Pass
	3930	Edge_1RB_Left	20.78	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	20.62	/	/	21.02	/	/	<=30	Pass
		Outer_Full	21.59	/	/	21.99	/	/	<=30	Pass
		Inner_Full	23.08	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Left	23.14	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Right	22.91	/	/	23.31	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Edge_1RB_Left	20.73	/	/	21.13	/	/	<=30	Pass

		Edge 1RB Right	20.76	/	/	21.16	/	/	<=30	Pass
		Outer Full	21.53	/	/	21.93	/	/	<=30	Pass
		Inner Full	22.59	/	/	22.99	/	/	<=30	Pass
		Inner 1RB Left	22.59	/	/	22.99	/	/	<=30	Pass
		Inner 1RB Right	22.53	/	/	22.93	/	/	<=30	Pass
	3840	Edge 1RB Left	20.84	/	/	21.24	/	/	<=30	Pass
		Edge 1RB Right	20.86	/	/	21.26	/	/	<=30	Pass
		Outer Full	21.65	/	/	22.05	/	/	<=30	Pass
		Inner Full	22.74	/	/	23.14	/	/	<=30	Pass
		Inner 1RB Left	22.58	/	/	22.98	/	/	<=30	Pass
	3930	Inner 1RB Right	22.63	/	/	23.03	/	/	<=30	Pass
		Edge 1RB Left	20.88	/	/	21.28	/	/	<=30	Pass
		Edge 1RB Right	20.74	/	/	21.14	/	/	<=30	Pass
		Outer Full	21.54	/	/	21.94	/	/	<=30	Pass
		Inner Full	22.65	/	/	23.05	/	/	<=30	Pass
CP-OFDM 64 QAM	3750	Inner 1RB Left	22.72	/	/	23.12	/	/	<=30	Pass
		Inner 1RB Right	22.57	/	/	22.97	/	/	<=30	Pass
		Edge 1RB Left	20.35	/	/	20.75	/	/	<=30	Pass
		Edge 1RB Right	20.27	/	/	20.67	/	/	<=30	Pass
		Outer Full	21.58	/	/	21.98	/	/	<=30	Pass
	3840	Inner Full	22.15	/	/	22.55	/	/	<=30	Pass
		Inner 1RB Left	22.09	/	/	22.49	/	/	<=30	Pass
		Inner 1RB Right	22.09	/	/	22.49	/	/	<=30	Pass
		Edge 1RB Left	20.45	/	/	20.85	/	/	<=30	Pass
		Edge 1RB Right	20.46	/	/	20.86	/	/	<=30	Pass
	3930	Outer Full	21.67	/	/	22.07	/	/	<=30	Pass
		Inner Full	22.17	/	/	22.57	/	/	<=30	Pass
		Inner 1RB Left	22.24	/	/	22.64	/	/	<=30	Pass
		Inner 1RB Right	22.26	/	/	22.66	/	/	<=30	Pass
		Edge 1RB Left	20.45	/	/	20.85	/	/	<=30	Pass
CP-OFDM 256 QAM	3750	Edge 1RB Right	20.36	/	/	20.76	/	/	<=30	Pass
		Outer Full	21.61	/	/	22.01	/	/	<=30	Pass
		Inner Full	22.13	/	/	22.53	/	/	<=30	Pass
		Inner 1RB Left	22.29	/	/	22.69	/	/	<=30	Pass
		Inner 1RB Right	22.06	/	/	22.46	/	/	<=30	Pass
	3840	Edge 1RB Left	17.41	/	/	17.81	/	/	<=30	Pass
		Edge 1RB Right	17.40	/	/	17.80	/	/	<=30	Pass
		Outer Full	18.96	/	/	19.36	/	/	<=30	Pass
		Inner Full	19.07	/	/	19.47	/	/	<=30	Pass
		Inner 1RB Left	18.94	/	/	19.34	/	/	<=30	Pass
	3930	Inner 1RB Right	18.89	/	/	19.29	/	/	<=30	Pass
		Edge 1RB Left	17.59	/	/	17.99	/	/	<=30	Pass
		Edge 1RB Right	17.64	/	/	18.04	/	/	<=30	Pass
		Outer Full	19.16	/	/	19.56	/	/	<=30	Pass
		Inner Full	19.20	/	/	19.60	/	/	<=30	Pass
	3840	Inner 1RB Left	18.99	/	/	19.39	/	/	<=30	Pass
		Inner 1RB Right	19.10	/	/	19.50	/	/	<=30	Pass
	3930	Edge 1RB Left	17.65	/	/	18.05	/	/	<=30	Pass
		Edge 1RB Right	17.47	/	/	17.87	/	/	<=30	Pass
		Outer Full	19.10	/	/	19.50	/	/	<=30	Pass
		Inner Full	19.15	/	/	19.55	/	/	<=30	Pass
		Inner 1RB Left	19.13	/	/	19.53	/	/	<=30	Pass
		Inner 1RB Right	18.89	/	/	19.29	/	/	<=30	Pass
Note1: Antenna Gain: Ant13: 0.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30k_SISO_10MHz

5G NR n77a SCS=30kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	20	LV	-3.30	-0.0009	>=-2.5 & <=2.5	Pass
				HV	-14.10	-0.0037	>=-2.5 & <=2.5	Pass
			-30	NV	-2.70	-0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	-13.20	-0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	-14.40	-0.0038	>=-2.5 & <=2.5	Pass
			0	NV	3.00	0.0008	>=-2.5 & <=2.5	Pass
			10	NV	-10.10	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	3.80	0.0010	>=-2.5 & <=2.5	Pass
			30	NV	9.60	0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-15.80	-0.0041	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	20	LV	-8.70	-0.0023	>=-2.5 & <=2.5	Pass
				HV	6.00	0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-9.50	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-14.20	-0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	2.40	0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-10.20	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	9.00	0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-10.80	-0.0028	>=-2.5 & <=2.5	Pass
			30	NV	-11.10	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-12.00	-0.0031	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	-10.60	-0.0028	>=-2.5 & <=2.5	Pass
				HV	-7.20	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-6.70	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-9.90	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	6.00	0.0016	>=-2.5 & <=2.5	Pass
			0	NV	7.80	0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-11.80	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-25.80	-0.0067	>=-2.5 & <=2.5	Pass
			30	NV	-9.80	-0.0026	>=-2.5 & <=2.5	Pass
			40	NV	-6.40	-0.0017	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	-8.10	-0.0021	>=-2.5 & <=2.5	Pass
				HV	-15.40	-0.0040	>=-2.5 & <=2.5	Pass
			-30	NV	-8.00	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-11.90	-0.0031	>=-2.5 & <=2.5	Pass
			-10	NV	-8.00	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-15.10	-0.0039	>=-2.5 & <=2.5	Pass
			10	NV	8.00	0.0021	>=-2.5 & <=2.5	Pass
			20	NV	-4.10	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	2.00	0.0005	>=-2.5 & <=2.5	Pass
			40	NV	8.20	0.0021	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	-13.70	-0.0036	>=-2.5 & <=2.5	Pass
				HV	-9.00	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	4.50	0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	-24.20	-0.0063	>=-2.5 & <=2.5	Pass
			-10	NV	-12.80	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-10.90	-0.0028	>=-2.5 & <=2.5	Pass
			10	NV	-19.50	-0.0051	>=-2.5 & <=2.5	Pass

			20	NV	10.70	0.0028	>=-2.5 & <=2.5	Pass
			30	NV	4.80	0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-4.20	-0.0011	>=-2.5 & <=2.5	Pass
			50	NV	-10.80	-0.0028	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3840	Outer_Full	20	LV	-12.00	-0.0031	>=-2.5 & <=2.5	Pass
				HV	13.80	0.0036	>=-2.5 & <=2.5	Pass
			-30	NV	-7.50	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-7.40	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-9.70	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	-4.00	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	2.70	0.0007	>=-2.5 & <=2.5	Pass
			20	NV	-10.20	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-9.30	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-15.20	-0.0040	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3840	Outer_Full		NV	-0.80	-0.0002	>=-2.5 & <=2.5	Pass
			20	LV	5.50	0.0014	>=-2.5 & <=2.5	Pass
				HV	-14.10	-0.0037	>=-2.5 & <=2.5	Pass
			-30	NV	-13.70	-0.0036	>=-2.5 & <=2.5	Pass
			-20	NV	5.80	0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	5.90	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-10.30	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	9.30	0.0024	>=-2.5 & <=2.5	Pass
			30	NV	5.80	0.0015	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3840	Outer_Full	40	NV	-14.10	-0.0037	>=-2.5 & <=2.5	Pass
			50	NV	-16.90	-0.0044	>=-2.5 & <=2.5	Pass
			20	LV	4.80	0.0013	>=-2.5 & <=2.5	Pass
				HV	-4.70	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-12.20	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-14.60	-0.0038	>=-2.5 & <=2.5	Pass
			-10	NV	-11.20	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-15.60	-0.0041	>=-2.5 & <=2.5	Pass
			10	NV	-12.90	-0.0034	>=-2.5 & <=2.5	Pass
			20	NV	-3.70	-0.0010	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3840	Outer_Full	30	NV	-3.60	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-2.80	-0.0007	>=-2.5 & <=2.5	Pass
			50	NV	6.70	0.0017	>=-2.5 & <=2.5	Pass
			20	LV	-7.50	-0.0020	>=-2.5 & <=2.5	Pass
				HV	-13.30	-0.0035	>=-2.5 & <=2.5	Pass
			-30	NV	-7.60	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-6.40	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-10.70	-0.0028	>=-2.5 & <=2.5	Pass
			0	NV	-4.90	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-16.60	-0.0043	>=-2.5 & <=2.5	Pass

2.1.2 30k_SISO_15MHz

5G NR n77a SCS=30kHz SISO 15MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	20	LV	-11.90	-0.0031	>=-2.5 & <=2.5	Pass
				HV	-10.20	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-16.50	-0.0043	>=-2.5 & <=2.5	Pass

			-20	NV	-5.50	-0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	4.60	0.0012	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-9.00	-0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-15.80	-0.0041	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-16.90	-0.0044	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-7.60	-0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-8.60	-0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-15.20	-0.0040	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	20	LV	11.70	0.0030	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	10.80	0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-2.70	-0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	13.30	0.0035	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-4.80	-0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-8.30	-0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-3.30	-0.0009	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	10.50	0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	14.70	0.0038	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-10.50	-0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	12.40	0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	-10.40	-0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-4.20	-0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-17.30	-0.0045	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	11.60	0.0030	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-9.20	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	9.90	0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-6.70	-0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	3.60	0.0009	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	6.00	0.0016	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	31.10	0.0081	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-2.80	-0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	-6.60	-0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-2.30	-0.0006	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	5.80	0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-6.60	-0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-4.50	-0.0012	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	18.80	0.0049	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	11.10	0.0029	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-10.90	-0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-5.60	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-14.00	-0.0036	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-6.90	-0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	-1.70	-0.0004	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	1.90	0.0005	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	9.10	0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	10.80	0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-3.20	-0.0008	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	2.60	0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	4.00	0.0010	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-9.00	-0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	12.50	0.0033	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	4.60	0.0012	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-5.60	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM QPSK	3840	Outer_Full	20	LV	-8.90	-0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	2.40	0.0006	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	1.80	0.0005	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-10.60	-0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-6.80	-0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	4.20	0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-5.00	-0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass

			20	NV	-7.60	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-3.80	-0.0010	>=-2.5 & <=2.5	Pass
			40	NV	14.60	0.0038	>=-2.5 & <=2.5	Pass
			50	NV	-6.00	-0.0016	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3840	Outer_Full	20	LV	9.30	0.0024	>=-2.5 & <=2.5	Pass
				HV	-4.50	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-16.10	-0.0042	>=-2.5 & <=2.5	Pass
			-20	NV	-16.30	-0.0042	>=-2.5 & <=2.5	Pass
			-10	NV	-14.30	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-10.60	-0.0028	>=-2.5 & <=2.5	Pass
			10	NV	12.40	0.0032	>=-2.5 & <=2.5	Pass
			20	NV	3.40	0.0009	>=-2.5 & <=2.5	Pass
			30	NV	12.80	0.0033	>=-2.5 & <=2.5	Pass
			40	NV	1.50	0.0004	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3840	Outer_Full	50	NV	-12.90	-0.0034	>=-2.5 & <=2.5	Pass
			20	LV	5.80	0.0015	>=-2.5 & <=2.5	Pass
				HV	-3.00	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-8.60	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	-5.50	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-8.80	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	4.40	0.0011	>=-2.5 & <=2.5	Pass
			10	NV	13.10	0.0034	>=-2.5 & <=2.5	Pass
			20	NV	6.70	0.0017	>=-2.5 & <=2.5	Pass
			30	NV	10.40	0.0027	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3840	Outer_Full	40	NV	4.20	0.0011	>=-2.5 & <=2.5	Pass
			50	NV	-4.10	-0.0011	>=-2.5 & <=2.5	Pass
			20	LV	-11.10	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-4.10	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-6.40	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	8.00	0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	3.00	0.0008	>=-2.5 & <=2.5	Pass
			0	NV	-3.20	-0.0008	>=-2.5 & <=2.5	Pass
			10	NV	-14.40	-0.0038	>=-2.5 & <=2.5	Pass
			20	NV	-10.00	-0.0026	>=-2.5 & <=2.5	Pass
			30	NV	8.50	0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-12.30	-0.0032	>=-2.5 & <=2.5	Pass
			50	NV	5.60	0.0015	>=-2.5 & <=2.5	Pass

2.1.3 30k_SISO_20MHz

5G NR n77a SCS=30kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	20	LV	8.30	0.0022	>=-2.5 & <=2.5	Pass
				HV	4.50	0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	4.20	0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	10.60	0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-3.30	-0.0009	>=-2.5 & <=2.5	Pass
			0	NV	-8.80	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	9.00	0.0023	>=-2.5 & <=2.5	Pass
			20	NV	6.10	0.0016	>=-2.5 & <=2.5	Pass
			30	NV	9.50	0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-5.00	-0.0013	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	50	NV	18.80	0.0049	>=-2.5 & <=2.5	Pass
			20	LV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
				HV	6.60	0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-4.60	-0.0012	>=-2.5 & <=2.5	Pass

			-20	NV	-2.30	-0.0006	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	14.50	0.0038	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	8.90	0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	6.00	0.0016	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	11.40	0.0030	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	5.20	0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-6.50	-0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-8.50	-0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	-8.30	-0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	4.30	0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-5.20	-0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	8.60	0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	10.80	0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	6.90	0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-2.40	-0.0006	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	10.90	0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	15.20	0.0040	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	8.00	0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-10.00	-0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	17.80	0.0046	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-4.40	-0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	5.40	0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	5.50	0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	4.80	0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-4.50	-0.0012	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-17.40	-0.0045	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	4.70	0.0012	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	12.10	0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-10.00	-0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-10.30	-0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	7.00	0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	13.50	0.0035	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	16.20	0.0042	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	2.60	0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	3.40	0.0009	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	30.60	0.0080	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	10.50	0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	5.90	0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	15.10	0.0039	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-14.50	-0.0038	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	5.30	0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM QPSK	3840	Outer_Full	20	LV	5.90	0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	3.20	0.0008	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	18.50	0.0048	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-13.00	-0.0034	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	3.80	0.0010	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	8.90	0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-3.30	-0.0009	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-9.60	-0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-2.60	-0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	7.70	0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	7.80	0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 16 QAM	3840	Outer_Full	20	LV	7.20	0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-4.30	-0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	8.90	0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	9.80	0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	5.50	0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-3.50	-0.0009	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-6.90	-0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass

			20	NV	13.20	0.0034	>=-2.5 & <=2.5	Pass
			30	NV	7.40	0.0019	>=-2.5 & <=2.5	Pass
			40	NV	12.00	0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-17.00	-0.0044	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3840	Outer_Full	20	LV	7.10	0.0018	>=-2.5 & <=2.5	Pass
				HV	-16.60	-0.0043	>=-2.5 & <=2.5	Pass
			-30	NV	-6.50	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-7.50	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-12.40	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	2.50	0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-8.90	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-6.50	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-6.30	-0.0016	>=-2.5 & <=2.5	Pass
			40	NV	7.90	0.0021	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3840	Outer_Full	50	NV	-15.90	-0.0041	>=-2.5 & <=2.5	Pass
			20	LV	-5.50	-0.0014	>=-2.5 & <=2.5	Pass
				HV	0.80	0.0002	>=-2.5 & <=2.5	Pass
			-30	NV	-12.40	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-13.40	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	12.20	0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-2.20	-0.0006	>=-2.5 & <=2.5	Pass
			10	NV	-10.10	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	3.30	0.0009	>=-2.5 & <=2.5	Pass
			40	NV	13.20	0.0034	>=-2.5 & <=2.5	Pass
			50	NV	-9.90	-0.0026	>=-2.5 & <=2.5	Pass

2.1.4 30k_SISO_30MHz

5G NR n77a SCS=30kHz SISO 30MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	20	LV	-12.20	-0.0032	>=-2.5 & <=2.5	Pass
				HV	7.40	0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	3.60	0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	-7.50	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	17.40	0.0045	>=-2.5 & <=2.5	Pass
			0	NV	3.40	0.0009	>=-2.5 & <=2.5	Pass
			10	NV	14.00	0.0036	>=-2.5 & <=2.5	Pass
			20	NV	-11.70	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	4.00	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	14.70	0.0038	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	50	NV	6.90	0.0018	>=-2.5 & <=2.5	Pass
			20	LV	-11.70	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-7.80	-0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-11.70	-0.0030	>=-2.5 & <=2.5	Pass
			-20	NV	-3.70	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	13.20	0.0034	>=-2.5 & <=2.5	Pass
			0	NV	8.20	0.0021	>=-2.5 & <=2.5	Pass
			10	NV	1.30	0.0003	>=-2.5 & <=2.5	Pass
			20	NV	3.30	0.0009	>=-2.5 & <=2.5	Pass
			30	NV	6.20	0.0016	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	40	NV	-7.00	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	17.70	0.0046	>=-2.5 & <=2.5	Pass
			20	LV	6.60	0.0017	>=-2.5 & <=2.5	Pass
				HV	7.20	0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	18.50	0.0048	>=-2.5 & <=2.5	Pass

			-20	NV	-6.40	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	10.30	0.0027	≥ -2.5 & ≤ 2.5	Pass
			0	NV	1.80	0.0005	≥ -2.5 & ≤ 2.5	Pass
			10	NV	19.30	0.0050	≥ -2.5 & ≤ 2.5	Pass
			20	NV	4.80	0.0013	≥ -2.5 & ≤ 2.5	Pass
			30	NV	13.60	0.0035	≥ -2.5 & ≤ 2.5	Pass
			40	NV	10.30	0.0027	≥ -2.5 & ≤ 2.5	Pass
			50	NV	4.60	0.0012	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	17.40	0.0045	≥ -2.5 & ≤ 2.5	Pass
				HV	-9.30	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	16.10	0.0042	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.50	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-15.20	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			0	NV	13.70	0.0036	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.60	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	NV	9.30	0.0024	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-21.00	-0.0055	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-13.50	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-13.30	-0.0035	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	-12.20	-0.0032	≥ -2.5 & ≤ 2.5	Pass
				HV	6.30	0.0016	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.30	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	7.40	0.0019	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-24.50	-0.0064	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-14.60	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			10	NV	4.10	0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	NV	10.90	0.0028	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.30	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-18.70	-0.0049	≥ -2.5 & ≤ 2.5	Pass
			50	NV	3.80	0.0010	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3840	Outer_Full	20	LV	11.20	0.0029	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.00	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	12.50	0.0033	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	10.30	0.0027	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-17.20	-0.0045	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.60	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-1.30	-0.0003	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.60	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-9.30	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-9.60	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.00	-0.0008	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3840	Outer_Full	20	LV	-6.30	-0.0016	≥ -2.5 & ≤ 2.5	Pass
				HV	9.40	0.0024	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.30	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-10.80	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-7.50	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			0	NV	9.50	0.0025	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-11.60	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			20	NV	1.20	0.0003	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-3.00	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.80	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.60	-0.0017	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3840	Outer_Full	20	LV	9.20	0.0024	≥ -2.5 & ≤ 2.5	Pass
				HV	9.10	0.0024	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	12.40	0.0032	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.90	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-9.80	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			0	NV	3.10	0.0008	≥ -2.5 & ≤ 2.5	Pass
			10	NV	9.90	0.0026	≥ -2.5 & ≤ 2.5	Pass

			20	NV	-4.50	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-3.30	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-11.70	-0.0030	>=-2.5 & <=2.5	Pass
			50	NV	-9.20	-0.0024	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	9.20	0.0024	>=-2.5 & <=2.5	Pass
				HV	7.50	0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-12.70	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-6.20	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-4.70	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-12.50	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-13.10	-0.0034	>=-2.5 & <=2.5	Pass
			30	NV	7.70	0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-4.40	-0.0011	>=-2.5 & <=2.5	Pass
			50	NV	-7.60	-0.0020	>=-2.5 & <=2.5	Pass

2.1.5 30k_SISO_40MHz

5G NR n77a SCS=30kHz SISO 40MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	20	LV	7.40	0.0019	>=-2.5 & <=2.5	Pass
				HV	12.30	0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	8.00	0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-2.10	-0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-7.40	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	5.70	0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-7.30	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-3.00	-0.0008	>=-2.5 & <=2.5	Pass
			30	NV	8.30	0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-22.80	-0.0059	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	20	LV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
				HV	-14.20	-0.0037	>=-2.5 & <=2.5	Pass
			-30	NV	7.60	0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-10.90	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
			0	NV	-8.20	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	14.50	0.0038	>=-2.5 & <=2.5	Pass
			20	NV	-13.20	-0.0034	>=-2.5 & <=2.5	Pass
			30	NV	-2.70	-0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-19.50	-0.0051	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	3.50	0.0009	>=-2.5 & <=2.5	Pass
				HV	-1.60	-0.0004	>=-2.5 & <=2.5	Pass
			-30	NV	7.30	0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-6.50	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-7.00	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-12.70	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	8.40	0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-3.00	-0.0008	>=-2.5 & <=2.5	Pass
			30	NV	-6.80	-0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-7.50	-0.0020	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	-5.00	-0.0013	>=-2.5 & <=2.5	Pass
				HV	11.80	0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-12.70	-0.0033	>=-2.5 & <=2.5	Pass

			-20	NV	-6.90	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	10.20	0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-13.70	-0.0036	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-8.50	-0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-14.00	-0.0036	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	3.10	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-2.50	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	-11.20	-0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	12.50	0.0033	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-3.10	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-9.20	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-8.70	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-13.40	-0.0035	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-9.40	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	3.00	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-7.30	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	7.90	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-3.70	-0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	3840	Outer_Full	20	LV	6.20	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-19.50	-0.0051	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-8.70	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	11.70	0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	3.00	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	10.90	0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-5.10	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	9.70	0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-2.80	-0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-17.40	-0.0045	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3840	Outer_Full	20	LV	3.80	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-16.30	-0.0042	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	7.40	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	8.40	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	5.70	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-11.50	-0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	12.40	0.0032	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	10.20	0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-6.90	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-5.20	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	3840	Outer_Full	20	LV	-15.70	-0.0041	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-16.00	-0.0042	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	-5.90	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	12.80	0.0033	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	15.70	0.0041	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	2.90	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-11.90	-0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-7.70	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-13.20	-0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	7.70	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	-8.90	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	10.20	0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	7.40	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	9.70	0.0025	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-5.60	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	5.90	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-3.60	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass

			20	NV	-4.20	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	12.60	0.0033	>=-2.5 & <=2.5	Pass
			40	NV	-9.80	-0.0026	>=-2.5 & <=2.5	Pass
			50	NV	-6.40	-0.0017	>=-2.5 & <=2.5	Pass

2.1.6 30k_SISO_50MHz

5G NR n77a SCS=30kHz SISO 50MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	20	LV	15.70	0.0041	>=-2.5 & <=2.5	Pass
				HV	-3.90	-0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	-10.40	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	10.20	0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	13.60	0.0035	>=-2.5 & <=2.5	Pass
			0	NV	15.10	0.0039	>=-2.5 & <=2.5	Pass
			10	NV	6.10	0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-5.80	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-4.70	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-2.70	-0.0007	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	20	LV	10.30	0.0027	>=-2.5 & <=2.5	Pass
				HV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	-3.50	-0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	16.80	0.0044	>=-2.5 & <=2.5	Pass
			-10	NV	-6.90	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-11.20	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	10.40	0.0027	>=-2.5 & <=2.5	Pass
			20	NV	14.30	0.0037	>=-2.5 & <=2.5	Pass
			30	NV	-6.90	-0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-7.70	-0.0020	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	8.50	0.0022	>=-2.5 & <=2.5	Pass
				HV	3.60	0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	4.00	0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	4.40	0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	12.20	0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-21.10	-0.0055	>=-2.5 & <=2.5	Pass
			10	NV	-8.90	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-5.70	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	12.40	0.0032	>=-2.5 & <=2.5	Pass
			40	NV	11.20	0.0029	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	-4.50	-0.0012	>=-2.5 & <=2.5	Pass
				HV	9.10	0.0024	>=-2.5 & <=2.5	Pass
			-30	NV	11.20	0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	21.90	0.0057	>=-2.5 & <=2.5	Pass
			-10	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			0	NV	-5.10	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	6.90	0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-9.10	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	6.80	0.0018	>=-2.5 & <=2.5	Pass
			40	NV	8.70	0.0023	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	-11.50	-0.0030	>=-2.5 & <=2.5	Pass
				HV	7.90	0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	17.80	0.0046	>=-2.5 & <=2.5	Pass

			-20	NV	4.70	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	1.00	0.0003	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	6.60	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	6.10	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-8.00	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-9.30	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	13.90	0.0036	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	8.60	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	3840	Outer_Full	20	LV	-6.90	-0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	8.80	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	11.30	0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-8.80	-0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	13.40	0.0035	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	14.10	0.0037	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-17.20	-0.0045	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-5.90	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	3.90	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-15.80	-0.0041	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3840	Outer_Full	20	LV	12.70	0.0033	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-2.90	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	13.00	0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-7.20	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	11.80	0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-7.80	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	4.70	0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	2.60	0.0007	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-10.00	-0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	7.80	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	3840	Outer_Full	20	LV	10.60	0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-2.30	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	4.10	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	12.90	0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	11.20	0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-4.60	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-7.40	-0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-5.00	-0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	13.00	0.0034	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	3.50	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	-5.40	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-15.40	-0.0040	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	11.60	0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	9.20	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-7.60	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	7.90	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	13.90	0.0036	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-8.00	-0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	3.40	0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	8.30	0.0022	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	10.50	0.0027	$\geq -2.5 \ \& \ \leq 2.5$	Pass

2.1.7 30k_SISO_60MHz

5G NR n77a SCS=30kHz SISO 60MHz							
Modulation	Frequency	RB	Temp.	Volt.	Freq. Error	Freq. vs. rated (ppm)	Verdict

	(MHz)	Allocation	(°C)		(Hz)	Result	Limit	
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	20	LV	10.30	0.0027	>=-2.5 & <=2.5	Pass
				HV	9.30	0.0024	>=-2.5 & <=2.5	Pass
			-30	NV	13.70	0.0036	>=-2.5 & <=2.5	Pass
			-20	NV	-13.20	-0.0034	>=-2.5 & <=2.5	Pass
			-10	NV	16.10	0.0042	>=-2.5 & <=2.5	Pass
			0	NV	2.20	0.0006	>=-2.5 & <=2.5	Pass
			10	NV	22.50	0.0059	>=-2.5 & <=2.5	Pass
			20	NV	37.70	0.0098	>=-2.5 & <=2.5	Pass
			30	NV	14.10	0.0037	>=-2.5 & <=2.5	Pass
			40	NV	-12.50	-0.0033	>=-2.5 & <=2.5	Pass
			50	NV	-7.40	-0.0019	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	20	LV	12.30	0.0032	>=-2.5 & <=2.5	Pass
				HV	12.50	0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	8.80	0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	11.70	0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	22.30	0.0058	>=-2.5 & <=2.5	Pass
			0	NV	18.50	0.0048	>=-2.5 & <=2.5	Pass
			10	NV	7.80	0.0020	>=-2.5 & <=2.5	Pass
			20	NV	11.90	0.0031	>=-2.5 & <=2.5	Pass
			30	NV	7.40	0.0019	>=-2.5 & <=2.5	Pass
			40	NV	9.40	0.0024	>=-2.5 & <=2.5	Pass
			50	NV	15.20	0.0040	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	-6.60	-0.0017	>=-2.5 & <=2.5	Pass
				HV	8.90	0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-13.80	-0.0036	>=-2.5 & <=2.5	Pass
			-20	NV	15.60	0.0041	>=-2.5 & <=2.5	Pass
			-10	NV	-6.60	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-7.10	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	8.80	0.0023	>=-2.5 & <=2.5	Pass
			20	NV	9.10	0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-8.90	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	8.80	0.0023	>=-2.5 & <=2.5	Pass
			50	NV	8.30	0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	-4.30	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-3.70	-0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	7.70	0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-9.80	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	3.50	0.0009	>=-2.5 & <=2.5	Pass
			0	NV	15.20	0.0040	>=-2.5 & <=2.5	Pass
			10	NV	7.10	0.0018	>=-2.5 & <=2.5	Pass
			20	NV	12.00	0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-9.90	-0.0026	>=-2.5 & <=2.5	Pass
			40	NV	-8.20	-0.0021	>=-2.5 & <=2.5	Pass
			50	NV	3.20	0.0008	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	-14.90	-0.0039	>=-2.5 & <=2.5	Pass
				HV	-8.90	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-2.10	-0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	-10.30	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-7.70	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	11.90	0.0031	>=-2.5 & <=2.5	Pass
			10	NV	2.80	0.0007	>=-2.5 & <=2.5	Pass
			20	NV	10.00	0.0026	>=-2.5 & <=2.5	Pass
			30	NV	-11.60	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-2.00	-0.0005	>=-2.5 & <=2.5	Pass
			50	NV	2.30	0.0006	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3840	Outer_Full	20	LV	-4.80	-0.0013	>=-2.5 & <=2.5	Pass
				HV	9.90	0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	7.00	0.0018	>=-2.5 & <=2.5	Pass

			-20	NV	4.60	0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-2.10	-0.0005	>=-2.5 & <=2.5	Pass
			0	NV	-17.10	-0.0045	>=-2.5 & <=2.5	Pass
			10	NV	2.00	0.0005	>=-2.5 & <=2.5	Pass
			20	NV	-10.00	-0.0026	>=-2.5 & <=2.5	Pass
			30	NV	-4.70	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-10.00	-0.0026	>=-2.5 & <=2.5	Pass
			50	NV	-11.90	-0.0031	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3840	Outer_Full	20	LV	-5.00	-0.0013	>=-2.5 & <=2.5	Pass
				HV	-7.20	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	9.40	0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	5.30	0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-9.70	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	4.20	0.0011	>=-2.5 & <=2.5	Pass
			20	NV	3.90	0.0010	>=-2.5 & <=2.5	Pass
			30	NV	-6.40	-0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-15.80	-0.0041	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3840	Outer_Full	20	LV	-21.50	-0.0056	>=-2.5 & <=2.5	Pass
				HV	-16.60	-0.0043	>=-2.5 & <=2.5	Pass
			-30	NV	9.60	0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-7.30	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	4.50	0.0012	>=-2.5 & <=2.5	Pass
			0	NV	5.30	0.0014	>=-2.5 & <=2.5	Pass
			10	NV	-6.80	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	15.10	0.0039	>=-2.5 & <=2.5	Pass
			30	NV	-9.30	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-8.60	-0.0022	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3840	Outer_Full	20	LV	2.10	0.0005	>=-2.5 & <=2.5	Pass
				HV	8.50	0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-4.50	-0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	-7.50	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-8.50	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-7.50	-0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-5.00	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-6.80	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	3.00	0.0008	>=-2.5 & <=2.5	Pass
			40	NV	12.50	0.0033	>=-2.5 & <=2.5	Pass
			50	NV	-5.70	-0.0015	>=-2.5 & <=2.5	Pass

2.1.8 30k_SISO_70MHz

5G NR n77a SCS=30kHz SISO 70MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	20	LV	2.50	0.0007	>=-2.5 & <=2.5	Pass
				HV	-3.20	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-6.50	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	14.00	0.0036	>=-2.5 & <=2.5	Pass
			-10	NV	13.10	0.0034	>=-2.5 & <=2.5	Pass
			0	NV	-5.10	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	2.10	0.0005	>=-2.5 & <=2.5	Pass
			20	NV	12.70	0.0033	>=-2.5 & <=2.5	Pass
			30	NV	-17.30	-0.0045	>=-2.5 & <=2.5	Pass
			40	NV	-3.60	-0.0009	>=-2.5 & <=2.5	Pass

			50	NV	-10.80	-0.0028	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM QPSK	3840	Outer_Full	20	LV	4.80	0.0013	≥ -2.5 & ≤ 2.5	Pass
				HV	-11.60	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-19.70	-0.0051	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	14.00	0.0036	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	16.80	0.0044	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-16.10	-0.0042	≥ -2.5 & ≤ 2.5	Pass
			10	NV	7.20	0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	NV	4.50	0.0012	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.80	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-8.40	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			50	NV	18.70	0.0049	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3840	Outer_Full	20	LV	13.00	0.0034	≥ -2.5 & ≤ 2.5	Pass
				HV	4.40	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	12.90	0.0034	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.60	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-11.30	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-10.20	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-20.70	-0.0054	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-8.10	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.20	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			40	NV	26.60	0.0069	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.00	-0.0016	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3840	Outer_Full	20	LV	-3.50	-0.0009	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.60	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	22.20	0.0058	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.10	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	14.40	0.0038	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.90	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-20.70	-0.0054	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-11.90	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-25.60	-0.0067	≥ -2.5 & ≤ 2.5	Pass
			40	NV	15.30	0.0040	≥ -2.5 & ≤ 2.5	Pass
			50	NV	2.20	0.0006	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3840	Outer_Full	20	LV	15.30	0.0040	≥ -2.5 & ≤ 2.5	Pass
				HV	-8.90	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	3.10	0.0008	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-16.10	-0.0042	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	3.20	0.0008	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-12.20	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-11.10	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.50	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			30	NV	9.30	0.0024	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-12.10	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			50	NV	11.30	0.0029	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3840	Outer_Full	20	LV	-16.80	-0.0044	≥ -2.5 & ≤ 2.5	Pass
				HV	-12.80	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.80	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	5.40	0.0014	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-11.50	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-15.50	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-14.10	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			20	NV	12.10	0.0032	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-12.70	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-10.30	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-7.70	-0.0020	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3840	Outer_Full	20	LV	-12.90	-0.0034	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.60	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-10.30	-0.0027	≥ -2.5 & ≤ 2.5	Pass