

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30k_SISO_10MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 10MHz NTV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3455.01	Edge_1RB_Left	22.45	/	/	23.95	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	23.95	/	/	<=30	Pass
		Outer_Full	22.57	/	/	24.07	/	/	<=30	Pass
		Inner_Full	23.03	/	/	24.53	/	/	<=30	Pass
		Inner_1RB_Left	22.92	/	/	24.42	/	/	<=30	Pass
		Inner_1RB_Right	23.03	/	/	24.53	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.90	/	/	23.40	/	/	<=30	Pass
		Edge_1RB_Right	22.04	/	/	23.54	/	/	<=30	Pass
		Outer_Full	21.95	/	/	23.45	/	/	<=30	Pass
		Inner_Full	7.00	/	/	8.50	/	/	<=30	Pass
		Inner_1RB_Left	22.84	/	/	24.34	/	/	<=30	Pass
		Inner_1RB_Right	22.95	/	/	24.45	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	22.85	/	/	24.35	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	24.33	/	/	<=30	Pass
		Outer_Full	22.96	/	/	24.46	/	/	<=30	Pass
		Inner_Full	23.48	/	/	24.98	/	/	<=30	Pass
		Inner_1RB_Left	23.28	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Right	23.29	/	/	24.79	/	/	<=30	Pass
DFT-s-OFDM QPSK	3455.01	Edge_1RB_Left	22.01	/	/	23.51	/	/	<=30	Pass
		Edge_1RB_Right	22.13	/	/	23.63	/	/	<=30	Pass
		Outer_Full	22.10	/	/	23.60	/	/	<=30	Pass
		Inner_Full	22.94	/	/	24.44	/	/	<=30	Pass
		Inner_1RB_Left	22.98	/	/	24.48	/	/	<=30	Pass
		Inner_1RB_Right	23.03	/	/	24.53	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.81	/	/	23.31	/	/	<=30	Pass
		Edge_1RB_Right	21.97	/	/	23.47	/	/	<=30	Pass
		Outer_Full	21.81	/	/	23.31	/	/	<=30	Pass
		Inner_Full	22.86	/	/	24.36	/	/	<=30	Pass
		Inner_1RB_Left	22.74	/	/	24.24	/	/	<=30	Pass
		Inner_1RB_Right	22.88	/	/	24.38	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	22.27	/	/	23.77	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	23.83	/	/	<=30	Pass
		Outer_Full	22.44	/	/	23.94	/	/	<=30	Pass
		Inner_Full	23.44	/	/	24.94	/	/	<=30	Pass
		Inner_1RB_Left	23.35	/	/	24.85	/	/	<=30	Pass
		Inner_1RB_Right	23.39	/	/	24.89	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3455.01	Edge_1RB_Left	20.87	/	/	22.37	/	/	<=30	Pass
		Edge_1RB_Right	20.99	/	/	22.49	/	/	<=30	Pass
		Outer_Full	21.16	/	/	22.66	/	/	<=30	Pass
		Inner_Full	22.09	/	/	23.59	/	/	<=30	Pass
		Inner_1RB_Left	21.81	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Right	21.84	/	/	23.34	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.70	/	/	22.20	/	/	<=30	Pass
		Edge_1RB_Right	20.87	/	/	22.37	/	/	<=30	Pass
		Outer_Full	21.05	/	/	22.55	/	/	<=30	Pass
		Inner_Full	21.97	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Left	21.62	/	/	23.12	/	/	<=30	Pass
		Inner_1RB_Right	21.80	/	/	23.30	/	/	<=30	Pass
	3544.98	Edge_1RB_Left	21.24	/	/	22.74	/	/	<=30	Pass

		Edge 1RB Right	21.29	/	/	22.79	/	/	<=30	Pass
		Outer_Full	21.53	/	/	23.03	/	/	<=30	Pass
		Inner_Full	22.49	/	/	23.99	/	/	<=30	Pass
		Inner 1RB Left	22.16	/	/	23.66	/	/	<=30	Pass
		Inner 1RB Right	22.18	/	/	23.68	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3455.01	Edge 1RB Left	20.78	/	/	22.28	/	/	<=30	Pass
		Edge 1RB Right	20.88	/	/	22.38	/	/	<=30	Pass
		Outer_Full	20.75	/	/	22.25	/	/	<=30	Pass
		Inner_Full	20.75	/	/	22.25	/	/	<=30	Pass
		Inner 1RB Left	20.66	/	/	22.16	/	/	<=30	Pass
		Inner 1RB Right	20.81	/	/	22.31	/	/	<=30	Pass
	3500.01	Edge 1RB Left	20.69	/	/	22.19	/	/	<=30	Pass
		Edge 1RB Right	20.81	/	/	22.31	/	/	<=30	Pass
		Outer_Full	20.55	/	/	22.05	/	/	<=30	Pass
		Inner_Full	20.54	/	/	22.04	/	/	<=30	Pass
		Inner 1RB Left	20.60	/	/	22.10	/	/	<=30	Pass
		Inner 1RB Right	20.73	/	/	22.23	/	/	<=30	Pass
	3544.98	Edge 1RB Left	21.12	/	/	22.62	/	/	<=30	Pass
		Edge 1RB Right	21.18	/	/	22.68	/	/	<=30	Pass
		Outer_Full	20.87	/	/	22.37	/	/	<=30	Pass
		Inner_Full	21.00	/	/	22.50	/	/	<=30	Pass
		Inner 1RB Left	21.06	/	/	22.56	/	/	<=30	Pass
		Inner 1RB Right	21.15	/	/	22.65	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3455.01	Edge 1RB Left	18.54	/	/	20.04	/	/	<=30	Pass
		Edge 1RB Right	18.65	/	/	20.15	/	/	<=30	Pass
		Outer_Full	18.69	/	/	20.19	/	/	<=30	Pass
		Inner_Full	18.76	/	/	20.26	/	/	<=30	Pass
		Inner 1RB Left	18.52	/	/	20.02	/	/	<=30	Pass
		Inner 1RB Right	18.67	/	/	20.17	/	/	<=30	Pass
	3500.01	Edge 1RB Left	18.43	/	/	19.93	/	/	<=30	Pass
		Edge 1RB Right	18.58	/	/	20.08	/	/	<=30	Pass
		Outer_Full	18.61	/	/	20.11	/	/	<=30	Pass
		Inner_Full	18.78	/	/	20.28	/	/	<=30	Pass
		Inner 1RB Left	18.47	/	/	19.97	/	/	<=30	Pass
		Inner 1RB Right	18.60	/	/	20.10	/	/	<=30	Pass
	3544.98	Edge 1RB Left	18.92	/	/	20.42	/	/	<=30	Pass
		Edge 1RB Right	18.95	/	/	20.45	/	/	<=30	Pass
		Outer_Full	18.93	/	/	20.43	/	/	<=30	Pass
		Inner_Full	19.26	/	/	20.76	/	/	<=30	Pass
		Inner 1RB Left	18.92	/	/	20.42	/	/	<=30	Pass
		Inner 1RB Right	19.00	/	/	20.50	/	/	<=30	Pass
CP-OFDM QPSK	3455.01	Edge 1RB Left	20.01	/	/	21.51	/	/	<=30	Pass
		Edge 1RB Right	20.19	/	/	21.69	/	/	<=30	Pass
		Outer_Full	20.11	/	/	21.61	/	/	<=30	Pass
		Inner_Full	21.28	/	/	22.78	/	/	<=30	Pass
		Inner 1RB Left	21.57	/	/	23.07	/	/	<=30	Pass
		Inner 1RB Right	21.64	/	/	23.14	/	/	<=30	Pass
	3500.01	Edge 1RB Left	19.90	/	/	21.40	/	/	<=30	Pass
		Edge 1RB Right	20.04	/	/	21.54	/	/	<=30	Pass
		Outer_Full	19.97	/	/	21.47	/	/	<=30	Pass
		Inner_Full	21.44	/	/	22.94	/	/	<=30	Pass
		Inner 1RB Left	21.41	/	/	22.91	/	/	<=30	Pass
		Inner 1RB Right	21.52	/	/	23.02	/	/	<=30	Pass
	3544.98	Edge 1RB Left	20.33	/	/	21.83	/	/	<=30	Pass
		Edge 1RB Right	20.43	/	/	21.93	/	/	<=30	Pass
		Outer_Full	20.41	/	/	21.91	/	/	<=30	Pass
		Inner_Full	21.73	/	/	23.23	/	/	<=30	Pass
		Inner 1RB Left	21.85	/	/	23.35	/	/	<=30	Pass
		Inner 1RB Right	21.87	/	/	23.37	/	/	<=30	Pass

CP-OFDM 16 QAM	3455.01	Edge 1RB Left	19.75	/	/	21.25	/	/	<=30	Pass
		Edge 1RB Right	19.82	/	/	21.32	/	/	<=30	Pass
		Outer_Full	19.92	/	/	21.42	/	/	<=30	Pass
		Inner_Full	21.21	/	/	22.71	/	/	<=30	Pass
		Inner 1RB Left	20.70	/	/	22.20	/	/	<=30	Pass
		Inner 1RB Right	20.78	/	/	22.28	/	/	<=30	Pass
	3500.01	Edge 1RB Left	19.65	/	/	21.15	/	/	<=30	Pass
		Edge 1RB Right	19.82	/	/	21.32	/	/	<=30	Pass
		Outer_Full	19.95	/	/	21.45	/	/	<=30	Pass
		Inner_Full	21.08	/	/	22.58	/	/	<=30	Pass
		Inner 1RB Left	20.76	/	/	22.26	/	/	<=30	Pass
		Inner 1RB Right	20.82	/	/	22.32	/	/	<=30	Pass
	3544.98	Edge 1RB Left	20.15	/	/	21.65	/	/	<=30	Pass
		Edge 1RB Right	20.16	/	/	21.66	/	/	<=30	Pass
		Outer_Full	20.26	/	/	21.76	/	/	<=30	Pass
		Inner_Full	21.56	/	/	23.06	/	/	<=30	Pass
		Inner 1RB Left	20.99	/	/	22.49	/	/	<=30	Pass
		Inner 1RB Right	21.12	/	/	22.62	/	/	<=30	Pass
CP-OFDM 64 QAM	3455.01	Edge 1RB Left	19.71	/	/	21.21	/	/	<=30	Pass
		Edge 1RB Right	19.87	/	/	21.37	/	/	<=30	Pass
		Outer_Full	19.68	/	/	21.18	/	/	<=30	Pass
		Inner_Full	19.69	/	/	21.19	/	/	<=30	Pass
		Inner 1RB Left	19.74	/	/	21.24	/	/	<=30	Pass
		Inner 1RB Right	19.80	/	/	21.30	/	/	<=30	Pass
	3500.01	Edge 1RB Left	19.61	/	/	21.11	/	/	<=30	Pass
		Edge 1RB Right	19.83	/	/	21.33	/	/	<=30	Pass
		Outer_Full	19.49	/	/	20.99	/	/	<=30	Pass
		Inner_Full	19.66	/	/	21.16	/	/	<=30	Pass
		Inner 1RB Left	19.62	/	/	21.12	/	/	<=30	Pass
		Inner 1RB Right	19.75	/	/	21.25	/	/	<=30	Pass
	3544.98	Edge 1RB Left	20.03	/	/	21.53	/	/	<=30	Pass
		Edge 1RB Right	20.08	/	/	21.58	/	/	<=30	Pass
		Outer_Full	19.87	/	/	21.37	/	/	<=30	Pass
		Inner_Full	20.06	/	/	21.56	/	/	<=30	Pass
		Inner 1RB Left	20.04	/	/	21.54	/	/	<=30	Pass
		Inner 1RB Right	20.11	/	/	21.61	/	/	<=30	Pass
CP-OFDM 256 QAM	3455.01	Edge 1RB Left	16.63	/	/	18.13	/	/	<=30	Pass
		Edge 1RB Right	16.76	/	/	18.26	/	/	<=30	Pass
		Outer_Full	16.65	/	/	18.15	/	/	<=30	Pass
		Inner_Full	16.73	/	/	18.23	/	/	<=30	Pass
		Inner 1RB Left	16.66	/	/	18.16	/	/	<=30	Pass
		Inner 1RB Right	16.75	/	/	18.25	/	/	<=30	Pass
	3500.01	Edge 1RB Left	16.52	/	/	18.02	/	/	<=30	Pass
		Edge 1RB Right	16.72	/	/	18.22	/	/	<=30	Pass
		Outer_Full	16.59	/	/	18.09	/	/	<=30	Pass
		Inner_Full	16.56	/	/	18.06	/	/	<=30	Pass
		Inner 1RB Left	16.56	/	/	18.06	/	/	<=30	Pass
		Inner 1RB Right	16.72	/	/	18.22	/	/	<=30	Pass
	3544.98	Edge 1RB Left	16.99	/	/	18.49	/	/	<=30	Pass
		Edge 1RB Right	17.03	/	/	18.53	/	/	<=30	Pass
		Outer_Full	16.98	/	/	18.48	/	/	<=30	Pass
		Inner_Full	17.02	/	/	18.52	/	/	<=30	Pass
		Inner 1RB Left	17.02	/	/	18.52	/	/	<=30	Pass
		Inner 1RB Right	17.00	/	/	18.50	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 1.50dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30k_SISO_15MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 15MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3457.5	Edge 1RB Left	22.47	/	/	23.97	/	/	<=30	Pass
		Edge 1RB Right	22.67	/	/	24.17	/	/	<=30	Pass
		Outer Full	22.63	/	/	24.13	/	/	<=30	Pass
		Inner Full	23.04	/	/	24.54	/	/	<=30	Pass
		Inner 1RB Left	22.92	/	/	24.42	/	/	<=30	Pass
		Inner 1RB Right	23.03	/	/	24.53	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.34	/	/	23.84	/	/	<=30	Pass
		Edge 1RB Right	22.52	/	/	24.02	/	/	<=30	Pass
		Outer Full	22.41	/	/	23.91	/	/	<=30	Pass
		Inner Full	22.91	/	/	24.41	/	/	<=30	Pass
		Inner 1RB Left	22.78	/	/	24.28	/	/	<=30	Pass
		Inner 1RB Right	22.99	/	/	24.49	/	/	<=30	Pass
	3542.49	Edge 1RB Left	22.70	/	/	24.20	/	/	<=30	Pass
		Edge 1RB Right	22.77	/	/	24.27	/	/	<=30	Pass
		Outer Full	22.83	/	/	24.33	/	/	<=30	Pass
		Inner Full	23.37	/	/	24.87	/	/	<=30	Pass
		Inner 1RB Left	23.15	/	/	24.65	/	/	<=30	Pass
		Inner 1RB Right	23.21	/	/	24.71	/	/	<=30	Pass
DFT-s-OFDM QPSK	3457.5	Edge 1RB Left	21.92	/	/	23.42	/	/	<=30	Pass
		Edge 1RB Right	22.10	/	/	23.60	/	/	<=30	Pass
		Outer Full	22.08	/	/	23.58	/	/	<=30	Pass
		Inner Full	23.18	/	/	24.68	/	/	<=30	Pass
		Inner 1RB Left	22.85	/	/	24.35	/	/	<=30	Pass
		Inner 1RB Right	23.15	/	/	24.65	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.78	/	/	23.28	/	/	<=30	Pass
		Edge 1RB Right	21.98	/	/	23.48	/	/	<=30	Pass
		Outer Full	22.04	/	/	23.54	/	/	<=30	Pass
		Inner Full	22.87	/	/	24.37	/	/	<=30	Pass
		Inner 1RB Left	22.72	/	/	24.22	/	/	<=30	Pass
		Inner 1RB Right	22.97	/	/	24.47	/	/	<=30	Pass
	3542.49	Edge 1RB Left	22.19	/	/	23.69	/	/	<=30	Pass
		Edge 1RB Right	22.26	/	/	23.76	/	/	<=30	Pass
		Outer Full	22.31	/	/	23.81	/	/	<=30	Pass
		Inner Full	23.25	/	/	24.75	/	/	<=30	Pass
		Inner 1RB Left	23.19	/	/	24.69	/	/	<=30	Pass
		Inner 1RB Right	23.19	/	/	24.69	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3457.5	Edge 1RB Left	20.94	/	/	22.44	/	/	<=30	Pass
		Edge 1RB Right	21.07	/	/	22.57	/	/	<=30	Pass
		Outer Full	21.15	/	/	22.65	/	/	<=30	Pass
		Inner Full	22.03	/	/	23.53	/	/	<=30	Pass
		Inner 1RB Left	21.72	/	/	23.22	/	/	<=30	Pass
		Inner 1RB Right	21.87	/	/	23.37	/	/	<=30	Pass
	3500.01	Edge 1RB Left	20.68	/	/	22.18	/	/	<=30	Pass
		Edge 1RB Right	20.93	/	/	22.43	/	/	<=30	Pass
		Outer Full	21.06	/	/	22.56	/	/	<=30	Pass
		Inner Full	21.91	/	/	23.41	/	/	<=30	Pass
		Inner 1RB Left	21.65	/	/	23.15	/	/	<=30	Pass
		Inner 1RB Right	21.89	/	/	23.39	/	/	<=30	Pass
	3542.49	Edge 1RB Left	21.04	/	/	22.54	/	/	<=30	Pass
		Edge 1RB Right	21.17	/	/	22.67	/	/	<=30	Pass
		Outer Full	21.38	/	/	22.88	/	/	<=30	Pass
		Inner Full	22.22	/	/	23.72	/	/	<=30	Pass
		Inner 1RB Left	21.95	/	/	23.45	/	/	<=30	Pass
		Inner 1RB Right	22.14	/	/	23.64	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3457.5	Edge 1RB Left	20.70	/	/	22.20	/	/	<=30	Pass
		Edge 1RB Right	20.86	/	/	22.36	/	/	<=30	Pass

		Outer_Full	20.65	/	/	22.15	/	/	<=30	Pass
		Inner_Full	20.76	/	/	22.26	/	/	<=30	Pass
		Inner_1RB_Left	20.72	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Right	20.89	/	/	22.39	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.62	/	/	22.12	/	/	<=30	Pass
		Edge_1RB_Right	20.74	/	/	22.24	/	/	<=30	Pass
		Outer_Full	20.51	/	/	22.01	/	/	<=30	Pass
		Inner_Full	20.68	/	/	22.18	/	/	<=30	Pass
		Inner_1RB_Left	20.57	/	/	22.07	/	/	<=30	Pass
		Inner_1RB_Right	20.79	/	/	22.29	/	/	<=30	Pass
	3542.49	Edge_1RB_Left	20.91	/	/	22.41	/	/	<=30	Pass
		Edge_1RB_Right	21.04	/	/	22.54	/	/	<=30	Pass
		Outer_Full	20.83	/	/	22.33	/	/	<=30	Pass
		Inner_Full	20.92	/	/	22.42	/	/	<=30	Pass
		Inner_1RB_Left	20.98	/	/	22.48	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3457.5	Inner_1RB_Right	21.07	/	/	22.57	/	/	<=30	Pass
		Edge_1RB_Left	18.57	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Right	18.75	/	/	20.25	/	/	<=30	Pass
		Outer_Full	18.71	/	/	20.21	/	/	<=30	Pass
		Inner_Full	18.72	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Left	18.55	/	/	20.05	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	18.74	/	/	20.24	/	/	<=30	Pass
		Edge_1RB_Left	18.45	/	/	19.95	/	/	<=30	Pass
		Edge_1RB_Right	18.66	/	/	20.16	/	/	<=30	Pass
		Outer_Full	18.58	/	/	20.08	/	/	<=30	Pass
		Inner_Full	18.62	/	/	20.12	/	/	<=30	Pass
	3542.49	Inner_1RB_Left	18.44	/	/	19.94	/	/	<=30	Pass
		Inner_1RB_Right	18.61	/	/	20.11	/	/	<=30	Pass
		Edge_1RB_Left	18.75	/	/	20.25	/	/	<=30	Pass
		Edge_1RB_Right	18.92	/	/	20.42	/	/	<=30	Pass
		Outer_Full	18.87	/	/	20.37	/	/	<=30	Pass
		Inner_Full	18.94	/	/	20.44	/	/	<=30	Pass
CP-OFDM QPSK	3457.5	Inner_1RB_Left	18.76	/	/	20.26	/	/	<=30	Pass
		Inner_1RB_Right	18.91	/	/	20.41	/	/	<=30	Pass
		Edge_1RB_Left	20.03	/	/	21.53	/	/	<=30	Pass
		Edge_1RB_Right	20.17	/	/	21.67	/	/	<=30	Pass
		Outer_Full	20.11	/	/	21.61	/	/	<=30	Pass
		Inner_Full	21.45	/	/	22.95	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	21.46	/	/	22.96	/	/	<=30	Pass
		Inner_1RB_Right	21.49	/	/	22.99	/	/	<=30	Pass
		Edge_1RB_Left	19.89	/	/	21.39	/	/	<=30	Pass
		Edge_1RB_Right	20.08	/	/	21.58	/	/	<=30	Pass
		Outer_Full	20.03	/	/	21.53	/	/	<=30	Pass
		Inner_Full	21.34	/	/	22.84	/	/	<=30	Pass
	3542.49	Inner_1RB_Left	21.28	/	/	22.78	/	/	<=30	Pass
		Inner_1RB_Right	21.45	/	/	22.95	/	/	<=30	Pass
		Edge_1RB_Left	20.12	/	/	21.62	/	/	<=30	Pass
		Edge_1RB_Right	20.37	/	/	21.87	/	/	<=30	Pass
		Outer_Full	20.27	/	/	21.77	/	/	<=30	Pass
		Inner_Full	21.67	/	/	23.17	/	/	<=30	Pass
CP-OFDM 16 QAM	3457.5	Inner_1RB_Left	21.74	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Right	21.80	/	/	23.30	/	/	<=30	Pass
		Edge_1RB_Left	19.76	/	/	21.26	/	/	<=30	Pass
		Edge_1RB_Right	20.03	/	/	21.53	/	/	<=30	Pass
		Outer_Full	20.22	/	/	21.72	/	/	<=30	Pass
		Inner_Full	21.01	/	/	22.51	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	20.73	/	/	22.23	/	/	<=30	Pass
		Inner_1RB_Right	20.95	/	/	22.45	/	/	<=30	Pass
		Edge_1RB_Left	19.66	/	/	21.16	/	/	<=30	Pass

		Edge 1RB Right	19.84	/	/	21.34	/	/	<=30	Pass
		Outer Full	20.03	/	/	21.53	/	/	<=30	Pass
		Inner Full	20.98	/	/	22.48	/	/	<=30	Pass
		Inner 1RB Left	20.58	/	/	22.08	/	/	<=30	Pass
		Inner 1RB Right	20.92	/	/	22.42	/	/	<=30	Pass
	3542.49	Edge 1RB Left	20.04	/	/	21.54	/	/	<=30	Pass
		Edge 1RB Right	20.09	/	/	21.59	/	/	<=30	Pass
		Outer Full	20.31	/	/	21.81	/	/	<=30	Pass
		Inner Full	21.30	/	/	22.80	/	/	<=30	Pass
		Inner 1RB Left	21.05	/	/	22.55	/	/	<=30	Pass
CP-OFDM 64 QAM	3457.5	Inner 1RB Right	21.10	/	/	22.60	/	/	<=30	Pass
		Edge 1RB Left	19.67	/	/	21.17	/	/	<=30	Pass
		Edge 1RB Right	19.91	/	/	21.41	/	/	<=30	Pass
		Outer Full	19.71	/	/	21.21	/	/	<=30	Pass
		Inner Full	19.61	/	/	21.11	/	/	<=30	Pass
		Inner 1RB Left	19.78	/	/	21.28	/	/	<=30	Pass
	3500.01	Inner 1RB Right	19.84	/	/	21.34	/	/	<=30	Pass
		Edge 1RB Left	19.53	/	/	21.03	/	/	<=30	Pass
		Edge 1RB Right	19.81	/	/	21.31	/	/	<=30	Pass
		Outer Full	19.61	/	/	21.11	/	/	<=30	Pass
		Inner Full	19.51	/	/	21.01	/	/	<=30	Pass
		Inner 1RB Left	19.66	/	/	21.16	/	/	<=30	Pass
	3542.49	Inner 1RB Right	19.67	/	/	21.17	/	/	<=30	Pass
		Edge 1RB Left	19.91	/	/	21.41	/	/	<=30	Pass
		Edge 1RB Right	20.02	/	/	21.52	/	/	<=30	Pass
Outer Full		19.82	/	/	21.32	/	/	<=30	Pass	
Inner Full		19.85	/	/	21.35	/	/	<=30	Pass	
Inner 1RB Left		19.90	/	/	21.40	/	/	<=30	Pass	
CP-OFDM 256 QAM	3457.5	Inner 1RB Right	20.04	/	/	21.54	/	/	<=30	Pass
		Edge 1RB Left	16.70	/	/	18.20	/	/	<=30	Pass
		Edge 1RB Right	16.82	/	/	18.32	/	/	<=30	Pass
		Outer Full	16.82	/	/	18.32	/	/	<=30	Pass
		Inner Full	16.86	/	/	18.36	/	/	<=30	Pass
		Inner 1RB Left	16.70	/	/	18.20	/	/	<=30	Pass
	3500.01	Inner 1RB Right	16.86	/	/	18.36	/	/	<=30	Pass
		Edge 1RB Left	16.56	/	/	18.06	/	/	<=30	Pass
		Edge 1RB Right	16.74	/	/	18.24	/	/	<=30	Pass
		Outer Full	16.70	/	/	18.20	/	/	<=30	Pass
		Inner Full	16.69	/	/	18.19	/	/	<=30	Pass
		Inner 1RB Left	16.58	/	/	18.08	/	/	<=30	Pass
	3542.49	Inner 1RB Right	16.79	/	/	18.29	/	/	<=30	Pass
		Edge 1RB Left	16.87	/	/	18.37	/	/	<=30	Pass
		Edge 1RB Right	17.07	/	/	18.57	/	/	<=30	Pass
Outer Full		16.97	/	/	18.47	/	/	<=30	Pass	
Inner Full		17.03	/	/	18.53	/	/	<=30	Pass	
Inner 1RB Left		16.92	/	/	18.42	/	/	<=30	Pass	
	Inner 1RB Right	17.05	/	/	18.55	/	/	<=30	Pass	
	Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain									

1.1.3 30k_SISO_20MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3460.02	Edge 1RB Left	22.52	/	/	24.02	/	/	<=30	Pass
		Edge 1RB Right	22.74	/	/	24.24	/	/	<=30	Pass
		Outer_Full	22.67	/	/	24.17	/	/	<=30	Pass

		Inner_Full	23.09	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Left	22.96	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Right	23.14	/	/	24.64	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.28	/	/	23.78	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	24.02	/	/	<=30	Pass
		Outer_Full	22.50	/	/	24.00	/	/	<=30	Pass
		Inner_Full	23.04	/	/	24.54	/	/	<=30	Pass
		Inner_1RB_Left	22.72	/	/	24.22	/	/	<=30	Pass
		Inner_1RB_Right	22.96	/	/	24.46	/	/	<=30	Pass
		Edge_1RB_Left	22.62	/	/	24.12	/	/	<=30	Pass
	3540	Edge_1RB_Right	22.76	/	/	24.26	/	/	<=30	Pass
		Outer_Full	22.72	/	/	24.22	/	/	<=30	Pass
		Inner_Full	23.33	/	/	24.83	/	/	<=30	Pass
		Inner_1RB_Left	23.00	/	/	24.50	/	/	<=30	Pass
		Inner_1RB_Right	23.24	/	/	24.74	/	/	<=30	Pass
DFT-s-OFDM QPSK	3460.02	Edge_1RB_Left	21.97	/	/	23.47	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	23.67	/	/	<=30	Pass
		Outer_Full	22.18	/	/	23.68	/	/	<=30	Pass
		Inner_Full	23.14	/	/	24.64	/	/	<=30	Pass
		Inner_1RB_Left	22.97	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Right	23.13	/	/	24.63	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.74	/	/	23.24	/	/	<=30	Pass
		Edge_1RB_Right	22.03	/	/	23.53	/	/	<=30	Pass
		Outer_Full	21.87	/	/	23.37	/	/	<=30	Pass
		Inner_Full	22.89	/	/	24.39	/	/	<=30	Pass
		Inner_1RB_Left	22.72	/	/	24.22	/	/	<=30	Pass
		Inner_1RB_Right	22.97	/	/	24.47	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.09	/	/	23.59	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	23.73	/	/	<=30	Pass
		Outer_Full	22.23	/	/	23.73	/	/	<=30	Pass
		Inner_Full	23.26	/	/	24.76	/	/	<=30	Pass
		Inner_1RB_Left	23.04	/	/	24.54	/	/	<=30	Pass
		Inner_1RB_Right	23.30	/	/	24.80	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3460.02	Edge_1RB_Left	20.88	/	/	22.38	/	/	<=30	Pass
		Edge_1RB_Right	21.07	/	/	22.57	/	/	<=30	Pass
		Outer_Full	21.27	/	/	22.77	/	/	<=30	Pass
		Inner_Full	22.32	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Left	21.91	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Right	22.13	/	/	23.63	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.69	/	/	22.19	/	/	<=30	Pass
		Edge_1RB_Right	20.92	/	/	22.42	/	/	<=30	Pass
		Outer_Full	21.00	/	/	22.50	/	/	<=30	Pass
		Inner_Full	21.99	/	/	23.49	/	/	<=30	Pass
		Inner_1RB_Left	21.59	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Right	21.87	/	/	23.37	/	/	<=30	Pass
	3540	Edge_1RB_Left	20.93	/	/	22.43	/	/	<=30	Pass
		Edge_1RB_Right	21.16	/	/	22.66	/	/	<=30	Pass
		Outer_Full	21.33	/	/	22.83	/	/	<=30	Pass
		Inner_Full	22.39	/	/	23.89	/	/	<=30	Pass
		Inner_1RB_Left	22.03	/	/	23.53	/	/	<=30	Pass
		Inner_1RB_Right	22.17	/	/	23.67	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3460.02	Edge_1RB_Left	20.75	/	/	22.25	/	/	<=30	Pass
		Edge_1RB_Right	20.95	/	/	22.45	/	/	<=30	Pass
		Outer_Full	20.66	/	/	22.16	/	/	<=30	Pass
		Inner_Full	20.74	/	/	22.24	/	/	<=30	Pass
		Inner_1RB_Left	20.79	/	/	22.29	/	/	<=30	Pass
		Inner_1RB_Right	20.93	/	/	22.43	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.61	/	/	22.11	/	/	<=30	Pass
		Edge_1RB_Right	20.81	/	/	22.31	/	/	<=30	Pass

		Outer_Full	20.47	/	/	21.97	/	/	<=30	Pass
		Inner_Full	20.51	/	/	22.01	/	/	<=30	Pass
		Inner_1RB_Left	20.61	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Right	20.84	/	/	22.34	/	/	<=30	Pass
	3540	Edge_1RB_Left	20.85	/	/	22.35	/	/	<=30	Pass
		Edge_1RB_Right	21.08	/	/	22.58	/	/	<=30	Pass
		Outer_Full	20.80	/	/	22.30	/	/	<=30	Pass
		Inner_Full	20.85	/	/	22.35	/	/	<=30	Pass
		Inner_1RB_Left	20.90	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Right	21.10	/	/	22.60	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3460.02	Edge_1RB_Left	18.62	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	18.84	/	/	20.34	/	/	<=30	Pass
		Outer_Full	18.77	/	/	20.27	/	/	<=30	Pass
		Inner_Full	18.74	/	/	20.24	/	/	<=30	Pass
		Inner_1RB_Left	18.62	/	/	20.12	/	/	<=30	Pass
		Inner_1RB_Right	18.82	/	/	20.32	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.42	/	/	19.92	/	/	<=30	Pass
		Edge_1RB_Right	18.67	/	/	20.17	/	/	<=30	Pass
		Outer_Full	18.55	/	/	20.05	/	/	<=30	Pass
		Inner_Full	18.53	/	/	20.03	/	/	<=30	Pass
		Inner_1RB_Left	18.44	/	/	19.94	/	/	<=30	Pass
		Inner_1RB_Right	18.62	/	/	20.12	/	/	<=30	Pass
	3540	Edge_1RB_Left	18.69	/	/	20.19	/	/	<=30	Pass
		Edge_1RB_Right	18.90	/	/	20.40	/	/	<=30	Pass
		Outer_Full	18.87	/	/	20.37	/	/	<=30	Pass
		Inner_Full	18.89	/	/	20.39	/	/	<=30	Pass
		Inner_1RB_Left	18.66	/	/	20.16	/	/	<=30	Pass
		Inner_1RB_Right	18.94	/	/	20.44	/	/	<=30	Pass
CP-OFDM QPSK	3460.02	Edge_1RB_Left	19.95	/	/	21.45	/	/	<=30	Pass
		Edge_1RB_Right	20.38	/	/	21.88	/	/	<=30	Pass
		Outer_Full	20.25	/	/	21.75	/	/	<=30	Pass
		Inner_Full	21.73	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Left	21.75	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Right	21.78	/	/	23.28	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.79	/	/	21.29	/	/	<=30	Pass
		Edge_1RB_Right	20.18	/	/	21.68	/	/	<=30	Pass
		Outer_Full	20.05	/	/	21.55	/	/	<=30	Pass
		Inner_Full	21.42	/	/	22.92	/	/	<=30	Pass
		Inner_1RB_Left	21.27	/	/	22.77	/	/	<=30	Pass
		Inner_1RB_Right	21.50	/	/	23.00	/	/	<=30	Pass
	3540	Edge_1RB_Left	20.09	/	/	21.59	/	/	<=30	Pass
		Edge_1RB_Right	20.54	/	/	22.04	/	/	<=30	Pass
		Outer_Full	20.38	/	/	21.88	/	/	<=30	Pass
		Inner_Full	21.69	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Left	21.59	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Right	21.87	/	/	23.37	/	/	<=30	Pass
CP-OFDM 16 QAM	3460.02	Edge_1RB_Left	19.93	/	/	21.43	/	/	<=30	Pass
		Edge_1RB_Right	20.15	/	/	21.65	/	/	<=30	Pass
		Outer_Full	20.22	/	/	21.72	/	/	<=30	Pass
		Inner_Full	21.23	/	/	22.73	/	/	<=30	Pass
		Inner_1RB_Left	20.87	/	/	22.37	/	/	<=30	Pass
		Inner_1RB_Right	21.06	/	/	22.56	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.69	/	/	21.19	/	/	<=30	Pass
		Edge_1RB_Right	20.05	/	/	21.55	/	/	<=30	Pass
		Outer_Full	19.98	/	/	21.48	/	/	<=30	Pass
		Inner_Full	20.98	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Left	20.72	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Right	20.88	/	/	22.38	/	/	<=30	Pass
	3540	Edge_1RB_Left	19.93	/	/	21.43	/	/	<=30	Pass

		Edge 1RB Right	20.26	/	/	21.76	/	/	<=30	Pass
		Outer_Full	20.35	/	/	21.85	/	/	<=30	Pass
		Inner_Full	21.30	/	/	22.80	/	/	<=30	Pass
		Inner_1RB_Left	20.90	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Right	21.17	/	/	22.67	/	/	<=30	Pass
CP-OFDM 64 QAM	3460.02	Edge_1RB_Left	19.75	/	/	21.25	/	/	<=30	Pass
		Edge_1RB_Right	19.98	/	/	21.48	/	/	<=30	Pass
		Outer_Full	19.79	/	/	21.29	/	/	<=30	Pass
		Inner_Full	19.80	/	/	21.30	/	/	<=30	Pass
		Inner_1RB_Left	19.68	/	/	21.18	/	/	<=30	Pass
		Inner_1RB_Right	19.98	/	/	21.48	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.58	/	/	21.08	/	/	<=30	Pass
		Edge_1RB_Right	19.81	/	/	21.31	/	/	<=30	Pass
		Outer_Full	19.53	/	/	21.03	/	/	<=30	Pass
		Inner_Full	19.58	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Left	19.61	/	/	21.11	/	/	<=30	Pass
		Inner_1RB_Right	19.72	/	/	21.22	/	/	<=30	Pass
	3540	Edge_1RB_Left	19.83	/	/	21.33	/	/	<=30	Pass
		Edge_1RB_Right	20.10	/	/	21.60	/	/	<=30	Pass
		Outer_Full	19.85	/	/	21.35	/	/	<=30	Pass
		Inner_Full	19.91	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Left	19.89	/	/	21.39	/	/	<=30	Pass
		Inner_1RB_Right	20.06	/	/	21.56	/	/	<=30	Pass
CP-OFDM 256 QAM	3460.02	Edge_1RB_Left	16.74	/	/	18.24	/	/	<=30	Pass
		Edge_1RB_Right	16.95	/	/	18.45	/	/	<=30	Pass
		Outer_Full	16.90	/	/	18.40	/	/	<=30	Pass
		Inner_Full	16.88	/	/	18.38	/	/	<=30	Pass
		Inner_1RB_Left	16.73	/	/	18.23	/	/	<=30	Pass
		Inner_1RB_Right	16.95	/	/	18.45	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.55	/	/	18.05	/	/	<=30	Pass
		Edge_1RB_Right	16.79	/	/	18.29	/	/	<=30	Pass
		Outer_Full	16.65	/	/	18.15	/	/	<=30	Pass
		Inner_Full	16.66	/	/	18.16	/	/	<=30	Pass
		Inner_1RB_Left	16.53	/	/	18.03	/	/	<=30	Pass
		Inner_1RB_Right	16.74	/	/	18.24	/	/	<=30	Pass
	3540	Edge_1RB_Left	16.77	/	/	18.27	/	/	<=30	Pass
		Edge_1RB_Right	17.05	/	/	18.55	/	/	<=30	Pass
		Outer_Full	16.95	/	/	18.45	/	/	<=30	Pass
		Inner_Full	16.96	/	/	18.46	/	/	<=30	Pass
		Inner_1RB_Left	16.79	/	/	18.29	/	/	<=30	Pass
		Inner_1RB_Right	17.04	/	/	18.54	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30k_SISO_25MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 25MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3462.51	Edge 1RB Left	22.55	/	/	24.05	/	/	<=30	Pass
		Edge 1RB Right	22.72	/	/	24.22	/	/	<=30	Pass
		Outer_Full	22.84	/	/	24.34	/	/	<=30	Pass
		Inner_Full	23.24	/	/	24.74	/	/	<=30	Pass
		Inner 1RB Left	23.01	/	/	24.51	/	/	<=30	Pass
		Inner 1RB Right	23.12	/	/	24.62	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.46	/	/	23.96	/	/	<=30	Pass
		Edge 1RB Right	22.62	/	/	24.12	/	/	<=30	Pass
		Outer_Full	22.49	/	/	23.99	/	/	<=30	Pass

		Inner_Full	23.01	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Left	22.82	/	/	24.32	/	/	<=30	Pass
		Inner_1RB_Right	23.03	/	/	24.53	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	22.53	/	/	24.03	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	24.29	/	/	<=30	Pass
		Outer_Full	22.76	/	/	24.26	/	/	<=30	Pass
		Inner_Full	23.20	/	/	24.70	/	/	<=30	Pass
		Inner_1RB_Left	22.97	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Right	23.23	/	/	24.73	/	/	<=30	Pass
DFT-s-OFDM QPSK	3462.51	Edge_1RB_Left	22.05	/	/	23.55	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	23.75	/	/	<=30	Pass
		Outer_Full	22.25	/	/	23.75	/	/	<=30	Pass
		Inner_Full	23.26	/	/	24.76	/	/	<=30	Pass
		Inner_1RB_Left	22.99	/	/	24.49	/	/	<=30	Pass
		Inner_1RB_Right	23.22	/	/	24.72	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.90	/	/	23.40	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	23.65	/	/	<=30	Pass
		Outer_Full	22.09	/	/	23.59	/	/	<=30	Pass
		Inner_Full	23.00	/	/	24.50	/	/	<=30	Pass
		Inner_1RB_Left	22.85	/	/	24.35	/	/	<=30	Pass
		Inner_1RB_Right	23.05	/	/	24.55	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	22.02	/	/	23.52	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	23.82	/	/	<=30	Pass
		Outer_Full	22.22	/	/	23.72	/	/	<=30	Pass
		Inner_Full	23.16	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	22.95	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Right	23.25	/	/	24.75	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3462.51	Edge_1RB_Left	20.98	/	/	22.48	/	/	<=30	Pass
		Edge_1RB_Right	21.13	/	/	22.63	/	/	<=30	Pass
		Outer_Full	21.29	/	/	22.79	/	/	<=30	Pass
		Inner_Full	22.30	/	/	23.80	/	/	<=30	Pass
		Inner_1RB_Left	21.87	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Right	22.00	/	/	23.50	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.69	/	/	22.19	/	/	<=30	Pass
		Edge_1RB_Right	20.97	/	/	22.47	/	/	<=30	Pass
		Outer_Full	21.01	/	/	22.51	/	/	<=30	Pass
		Inner_Full	21.94	/	/	23.44	/	/	<=30	Pass
		Inner_1RB_Left	21.74	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Right	21.98	/	/	23.48	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	20.93	/	/	22.43	/	/	<=30	Pass
		Edge_1RB_Right	21.14	/	/	22.64	/	/	<=30	Pass
		Outer_Full	21.22	/	/	22.72	/	/	<=30	Pass
		Inner_Full	22.19	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Left	21.89	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Right	22.13	/	/	23.63	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3462.51	Edge_1RB_Left	20.76	/	/	22.26	/	/	<=30	Pass
		Edge_1RB_Right	20.98	/	/	22.48	/	/	<=30	Pass
		Outer_Full	20.87	/	/	22.37	/	/	<=30	Pass
		Inner_Full	20.87	/	/	22.37	/	/	<=30	Pass
		Inner_1RB_Left	20.87	/	/	22.37	/	/	<=30	Pass
		Inner_1RB_Right	21.05	/	/	22.55	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.57	/	/	22.07	/	/	<=30	Pass
		Edge_1RB_Right	20.91	/	/	22.41	/	/	<=30	Pass
		Outer_Full	20.60	/	/	22.10	/	/	<=30	Pass
		Inner_Full	20.63	/	/	22.13	/	/	<=30	Pass
		Inner_1RB_Left	20.74	/	/	22.24	/	/	<=30	Pass
		Inner_1RB_Right	20.83	/	/	22.33	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	20.75	/	/	22.25	/	/	<=30	Pass
		Edge_1RB_Right	21.09	/	/	22.59	/	/	<=30	Pass

		Outer_Full	20.79	/	/	22.29	/	/	<=30	Pass
		Inner_Full	20.81	/	/	22.31	/	/	<=30	Pass
		Inner_1RB_Left	20.68	/	/	22.18	/	/	<=30	Pass
		Inner_1RB_Right	21.05	/	/	22.55	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3462.51	Edge_1RB_Left	18.73	/	/	20.23	/	/	<=30	Pass
		Edge_1RB_Right	18.87	/	/	20.37	/	/	<=30	Pass
		Outer_Full	18.93	/	/	20.43	/	/	<=30	Pass
		Inner_Full	18.89	/	/	20.39	/	/	<=30	Pass
		Inner_1RB_Left	18.72	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Right	18.87	/	/	20.37	/	/	<=30	Pass
		Edge_1RB_Left	18.48	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	18.70	/	/	20.20	/	/	<=30	Pass
	3500.01	Outer_Full	18.65	/	/	20.15	/	/	<=30	Pass
		Inner_Full	18.60	/	/	20.10	/	/	<=30	Pass
		Inner_1RB_Left	18.47	/	/	19.97	/	/	<=30	Pass
		Inner_1RB_Right	18.71	/	/	20.21	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	18.61	/	/	20.11	/	/	<=30	Pass
		Edge_1RB_Right	18.88	/	/	20.38	/	/	<=30	Pass
		Outer_Full	18.81	/	/	20.31	/	/	<=30	Pass
		Inner_Full	18.77	/	/	20.27	/	/	<=30	Pass
		Inner_1RB_Left	18.58	/	/	20.08	/	/	<=30	Pass
		Inner_1RB_Right	18.87	/	/	20.37	/	/	<=30	Pass
CP-OFDM QPSK	3462.51	Edge_1RB_Left	20.11	/	/	21.61	/	/	<=30	Pass
		Edge_1RB_Right	20.29	/	/	21.79	/	/	<=30	Pass
		Outer_Full	20.33	/	/	21.83	/	/	<=30	Pass
		Inner_Full	7.80	/	/	9.30	/	/	<=30	Pass
		Inner_1RB_Left	21.51	/	/	23.01	/	/	<=30	Pass
		Inner_1RB_Right	21.79	/	/	23.29	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.78	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	20.05	/	/	21.55	/	/	<=30	Pass
		Outer_Full	20.04	/	/	21.54	/	/	<=30	Pass
		Inner_Full	21.53	/	/	23.03	/	/	<=30	Pass
		Inner_1RB_Left	21.80	/	/	23.30	/	/	<=30	Pass
		Inner_1RB_Right	21.63	/	/	23.13	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	20.10	/	/	21.60	/	/	<=30	Pass
		Edge_1RB_Right	20.33	/	/	21.83	/	/	<=30	Pass
		Outer_Full	20.23	/	/	21.73	/	/	<=30	Pass
		Inner_Full	21.72	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Left	21.63	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Right	21.78	/	/	23.28	/	/	<=30	Pass
CP-OFDM 16 QAM	3462.51	Edge_1RB_Left	7.62	/	/	9.12	/	/	<=30	Pass
		Edge_1RB_Right	7.26	/	/	8.76	/	/	<=30	Pass
		Outer_Full	7.93	/	/	9.43	/	/	<=30	Pass
		Inner_Full	21.31	/	/	22.81	/	/	<=30	Pass
		Inner_1RB_Left	21.01	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Right	21.14	/	/	22.64	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.60	/	/	21.10	/	/	<=30	Pass
		Edge_1RB_Right	19.99	/	/	21.49	/	/	<=30	Pass
		Outer_Full	20.03	/	/	21.53	/	/	<=30	Pass
		Inner_Full	21.05	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Left	20.65	/	/	22.15	/	/	<=30	Pass
		Inner_1RB_Right	20.90	/	/	22.40	/	/	<=30	Pass
	3537.48	Edge_1RB_Left	19.82	/	/	21.32	/	/	<=30	Pass
		Edge_1RB_Right	20.10	/	/	21.60	/	/	<=30	Pass
		Outer_Full	20.22	/	/	21.72	/	/	<=30	Pass
		Inner_Full	21.28	/	/	22.78	/	/	<=30	Pass
		Inner_1RB_Left	20.77	/	/	22.27	/	/	<=30	Pass
		Inner_1RB_Right	21.03	/	/	22.53	/	/	<=30	Pass
CP-OFDM 64 QAM	3462.51	Edge_1RB_Left	19.86	/	/	21.36	/	/	<=30	Pass

		Edge 1RB Right	19.97	/	/	21.47	/	/	<=30	Pass
		Outer_Full	19.83	/	/	21.33	/	/	<=30	Pass
		Inner_Full	19.93	/	/	21.43	/	/	<=30	Pass
		Inner 1RB Left	19.83	/	/	21.33	/	/	<=30	Pass
		Inner 1RB Right	19.99	/	/	21.49	/	/	<=30	Pass
	3500.01	Edge 1RB Left	19.59	/	/	21.09	/	/	<=30	Pass
		Edge 1RB Right	19.86	/	/	21.36	/	/	<=30	Pass
		Outer_Full	19.59	/	/	21.09	/	/	<=30	Pass
		Inner_Full	19.57	/	/	21.07	/	/	<=30	Pass
		Inner 1RB Left	19.63	/	/	21.13	/	/	<=30	Pass
	3537.48	Inner 1RB Right	19.83	/	/	21.33	/	/	<=30	Pass
		Edge 1RB Left	19.72	/	/	21.22	/	/	<=30	Pass
		Edge 1RB Right	19.98	/	/	21.48	/	/	<=30	Pass
		Outer_Full	19.69	/	/	21.19	/	/	<=30	Pass
		Inner_Full	19.85	/	/	21.35	/	/	<=30	Pass
CP-OFDM 256 QAM	3462.51	Inner 1RB Left	19.76	/	/	21.26	/	/	<=30	Pass
		Inner 1RB Right	19.92	/	/	21.42	/	/	<=30	Pass
		Edge 1RB Left	16.80	/	/	18.30	/	/	<=30	Pass
		Edge 1RB Right	16.96	/	/	18.46	/	/	<=30	Pass
		Outer_Full	16.90	/	/	18.40	/	/	<=30	Pass
		Inner_Full	16.93	/	/	18.43	/	/	<=30	Pass
	3500.01	Inner 1RB Left	16.85	/	/	18.35	/	/	<=30	Pass
		Inner 1RB Right	16.97	/	/	18.47	/	/	<=30	Pass
		Edge 1RB Left	16.53	/	/	18.03	/	/	<=30	Pass
		Edge 1RB Right	16.81	/	/	18.31	/	/	<=30	Pass
		Outer_Full	16.69	/	/	18.19	/	/	<=30	Pass
		Inner_Full	16.69	/	/	18.19	/	/	<=30	Pass
	3537.48	Inner 1RB Left	16.56	/	/	18.06	/	/	<=30	Pass
		Inner 1RB Right	16.80	/	/	18.30	/	/	<=30	Pass
		Edge 1RB Left	16.69	/	/	18.19	/	/	<=30	Pass
		Edge 1RB Right	16.94	/	/	18.44	/	/	<=30	Pass
		Outer_Full	16.80	/	/	18.30	/	/	<=30	Pass
		Inner_Full	16.82	/	/	18.32	/	/	<=30	Pass
		Inner 1RB Left	16.67	/	/	18.17	/	/	<=30	Pass
		Inner 1RB Right	16.93	/	/	18.43	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30k_SISO_30MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 30MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3465	Edge 1RB Left	22.43	/	/	23.93	/	/	<=30	Pass
		Edge 1RB Right	22.48	/	/	23.98	/	/	<=30	Pass
		Outer_Full	22.67	/	/	24.17	/	/	<=30	Pass
		Inner_Full	23.13	/	/	24.63	/	/	<=30	Pass
		Inner 1RB Left	22.92	/	/	24.42	/	/	<=30	Pass
		Inner 1RB Right	22.92	/	/	24.42	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.41	/	/	23.91	/	/	<=30	Pass
		Edge 1RB Right	22.55	/	/	24.05	/	/	<=30	Pass
		Outer_Full	22.58	/	/	24.08	/	/	<=30	Pass
		Inner_Full	22.95	/	/	24.45	/	/	<=30	Pass
		Inner 1RB Left	22.84	/	/	24.34	/	/	<=30	Pass
		Inner 1RB Right	23.01	/	/	24.51	/	/	<=30	Pass
	3534.99	Edge 1RB Left	22.51	/	/	24.01	/	/	<=30	Pass
		Edge 1RB Right	22.86	/	/	24.36	/	/	<=30	Pass
		Outer_Full	22.77	/	/	24.27	/	/	<=30	Pass

		Inner_Full	23.21	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Left	22.99	/	/	24.49	/	/	<=30	Pass
		Inner_1RB_Right	23.35	/	/	24.85	/	/	<=30	Pass
DFT-s-OFDM QPSK	3465	Edge_1RB_Left	21.90	/	/	23.40	/	/	<=30	Pass
		Edge_1RB_Right	22.02	/	/	23.52	/	/	<=30	Pass
		Outer_Full	22.15	/	/	23.65	/	/	<=30	Pass
		Inner_Full	23.13	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Left	22.88	/	/	24.38	/	/	<=30	Pass
		Inner_1RB_Right	22.91	/	/	24.41	/	/	<=30	Pass
		Edge_1RB_Left	21.88	/	/	23.38	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	22.00	/	/	23.50	/	/	<=30	Pass
		Outer_Full	22.05	/	/	23.55	/	/	<=30	Pass
		Inner_Full	22.96	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Left	22.82	/	/	24.32	/	/	<=30	Pass
		Inner_1RB_Right	23.05	/	/	24.55	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.04	/	/	23.54	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	23.89	/	/	<=30	Pass
		Outer_Full	22.29	/	/	23.79	/	/	<=30	Pass
		Inner_Full	23.16	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	22.97	/	/	24.47	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3465	Inner_1RB_Right	23.34	/	/	24.84	/	/	<=30	Pass
		Edge_1RB_Left	20.93	/	/	22.43	/	/	<=30	Pass
		Edge_1RB_Right	20.94	/	/	22.44	/	/	<=30	Pass
		Outer_Full	21.18	/	/	22.68	/	/	<=30	Pass
		Inner_Full	22.27	/	/	23.77	/	/	<=30	Pass
		Inner_1RB_Left	21.78	/	/	23.28	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	21.81	/	/	23.31	/	/	<=30	Pass
		Edge_1RB_Left	20.77	/	/	22.27	/	/	<=30	Pass
		Edge_1RB_Right	20.85	/	/	22.35	/	/	<=30	Pass
		Outer_Full	21.01	/	/	22.51	/	/	<=30	Pass
		Inner_Full	22.04	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Left	21.60	/	/	23.10	/	/	<=30	Pass
	3534.99	Inner_1RB_Right	21.90	/	/	23.40	/	/	<=30	Pass
		Edge_1RB_Left	20.78	/	/	22.28	/	/	<=30	Pass
		Edge_1RB_Right	21.34	/	/	22.84	/	/	<=30	Pass
		Outer_Full	21.28	/	/	22.78	/	/	<=30	Pass
		Inner_Full	22.25	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Left	21.73	/	/	23.23	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3465	Inner_1RB_Right	22.20	/	/	23.70	/	/	<=30	Pass
		Edge_1RB_Left	20.73	/	/	22.23	/	/	<=30	Pass
		Edge_1RB_Right	20.66	/	/	22.16	/	/	<=30	Pass
		Outer_Full	20.72	/	/	22.22	/	/	<=30	Pass
		Inner_Full	20.72	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Left	20.70	/	/	22.20	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	20.72	/	/	22.22	/	/	<=30	Pass
		Edge_1RB_Left	20.57	/	/	22.07	/	/	<=30	Pass
		Edge_1RB_Right	20.76	/	/	22.26	/	/	<=30	Pass
		Outer_Full	20.58	/	/	22.08	/	/	<=30	Pass
		Inner_Full	20.52	/	/	22.02	/	/	<=30	Pass
		Inner_1RB_Left	20.58	/	/	22.08	/	/	<=30	Pass
	3534.99	Inner_1RB_Right	20.77	/	/	22.27	/	/	<=30	Pass
		Edge_1RB_Left	20.75	/	/	22.25	/	/	<=30	Pass
		Edge_1RB_Right	21.13	/	/	22.63	/	/	<=30	Pass
		Outer_Full	20.81	/	/	22.31	/	/	<=30	Pass
		Inner_Full	20.77	/	/	22.27	/	/	<=30	Pass
		Inner_1RB_Left	20.81	/	/	22.31	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3465	Inner_1RB_Right	21.11	/	/	22.61	/	/	<=30	Pass
		Edge_1RB_Left	18.62	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	18.59	/	/	20.09	/	/	<=30	Pass

		Outer_Full	18.80	/	/	20.30	/	/	<=30	Pass
		Inner_Full	18.76	/	/	20.26	/	/	<=30	Pass
		Inner_1RB_Left	18.61	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Right	18.55	/	/	20.05	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.45	/	/	19.95	/	/	<=30	Pass
		Edge_1RB_Right	18.66	/	/	20.16	/	/	<=30	Pass
		Outer_Full	18.60	/	/	20.10	/	/	<=30	Pass
		Inner_Full	18.55	/	/	20.05	/	/	<=30	Pass
		Inner_1RB_Left	18.47	/	/	19.97	/	/	<=30	Pass
		Inner_1RB_Right	18.63	/	/	20.13	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	18.62	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	18.96	/	/	20.46	/	/	<=30	Pass
		Outer_Full	18.85	/	/	20.35	/	/	<=30	Pass
		Inner_Full	18.80	/	/	20.30	/	/	<=30	Pass
		Inner_1RB_Left	18.60	/	/	20.10	/	/	<=30	Pass
		Inner_1RB_Right	18.96	/	/	20.46	/	/	<=30	Pass
CP-OFDM QPSK	3465	Edge_1RB_Left	19.95	/	/	21.45	/	/	<=30	Pass
		Edge_1RB_Right	19.96	/	/	21.46	/	/	<=30	Pass
		Outer_Full	20.26	/	/	21.76	/	/	<=30	Pass
		Inner_Full	21.59	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Left	21.47	/	/	22.97	/	/	<=30	Pass
		Inner_1RB_Right	21.37	/	/	22.87	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.87	/	/	21.37	/	/	<=30	Pass
		Edge_1RB_Right	20.09	/	/	21.59	/	/	<=30	Pass
		Outer_Full	20.06	/	/	21.56	/	/	<=30	Pass
		Inner_Full	21.47	/	/	22.97	/	/	<=30	Pass
		Inner_1RB_Left	21.28	/	/	22.78	/	/	<=30	Pass
		Inner_1RB_Right	21.49	/	/	22.99	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	20.05	/	/	21.55	/	/	<=30	Pass
		Edge_1RB_Right	20.47	/	/	21.97	/	/	<=30	Pass
		Outer_Full	20.32	/	/	21.82	/	/	<=30	Pass
		Inner_Full	21.70	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Left	21.54	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Right	21.86	/	/	23.36	/	/	<=30	Pass
CP-OFDM 16 QAM	3465	Edge_1RB_Left	19.77	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	19.91	/	/	21.41	/	/	<=30	Pass
		Outer_Full	20.24	/	/	21.74	/	/	<=30	Pass
		Inner_Full	21.24	/	/	22.74	/	/	<=30	Pass
		Inner_1RB_Left	20.79	/	/	22.29	/	/	<=30	Pass
		Inner_1RB_Right	20.78	/	/	22.28	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.76	/	/	21.26	/	/	<=30	Pass
		Edge_1RB_Right	20.02	/	/	21.52	/	/	<=30	Pass
		Outer_Full	20.06	/	/	21.56	/	/	<=30	Pass
		Inner_Full	21.00	/	/	22.50	/	/	<=30	Pass
		Inner_1RB_Left	20.70	/	/	22.20	/	/	<=30	Pass
		Inner_1RB_Right	20.87	/	/	22.37	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	19.96	/	/	21.46	/	/	<=30	Pass
		Edge_1RB_Right	20.20	/	/	21.70	/	/	<=30	Pass
		Outer_Full	20.32	/	/	21.82	/	/	<=30	Pass
		Inner_Full	21.28	/	/	22.78	/	/	<=30	Pass
		Inner_1RB_Left	20.85	/	/	22.35	/	/	<=30	Pass
		Inner_1RB_Right	21.17	/	/	22.67	/	/	<=30	Pass
CP-OFDM 64 QAM	3465	Edge_1RB_Left	19.71	/	/	21.21	/	/	<=30	Pass
		Edge_1RB_Right	19.72	/	/	21.22	/	/	<=30	Pass
		Outer_Full	19.74	/	/	21.24	/	/	<=30	Pass
		Inner_Full	19.79	/	/	21.29	/	/	<=30	Pass
		Inner_1RB_Left	19.81	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Right	19.69	/	/	21.19	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.62	/	/	21.12	/	/	<=30	Pass

		Edge 1RB Right	19.85	/	/	21.35	/	/	<=30	Pass
		Outer_Full	19.53	/	/	21.03	/	/	<=30	Pass
		Inner_Full	19.58	/	/	21.08	/	/	<=30	Pass
		Inner 1RB Left	19.60	/	/	21.10	/	/	<=30	Pass
		Inner 1RB Right	19.81	/	/	21.31	/	/	<=30	Pass
	3534.99	Edge 1RB Left	19.74	/	/	21.24	/	/	<=30	Pass
		Edge 1RB Right	20.14	/	/	21.64	/	/	<=30	Pass
		Outer_Full	19.82	/	/	21.32	/	/	<=30	Pass
		Inner_Full	19.83	/	/	21.33	/	/	<=30	Pass
		Inner 1RB Left	19.74	/	/	21.24	/	/	<=30	Pass
	Inner 1RB Right	20.09	/	/	21.59	/	/	<=30	Pass	
	CP-OFDM 256 QAM	3465	Edge 1RB Left	16.75	/	/	18.25	/	/	<=30
Edge 1RB Right			16.71	/	/	18.21	/	/	<=30	Pass
Outer_Full			16.79	/	/	18.29	/	/	<=30	Pass
Inner_Full			16.82	/	/	18.32	/	/	<=30	Pass
Inner 1RB Left			16.74	/	/	18.24	/	/	<=30	Pass
Inner 1RB Right			16.70	/	/	18.20	/	/	<=30	Pass
3500.01		Edge 1RB Left	16.54	/	/	18.04	/	/	<=30	Pass
		Edge 1RB Right	16.77	/	/	18.27	/	/	<=30	Pass
		Outer_Full	16.64	/	/	18.14	/	/	<=30	Pass
		Inner_Full	16.60	/	/	18.10	/	/	<=30	Pass
		Inner 1RB Left	16.51	/	/	18.01	/	/	<=30	Pass
		Inner 1RB Right	16.72	/	/	18.22	/	/	<=30	Pass
3534.99		Edge 1RB Left	16.73	/	/	18.23	/	/	<=30	Pass
		Edge 1RB Right	17.11	/	/	18.61	/	/	<=30	Pass
		Outer_Full	16.88	/	/	18.38	/	/	<=30	Pass
		Inner_Full	16.86	/	/	18.36	/	/	<=30	Pass
		Inner 1RB Left	16.75	/	/	18.25	/	/	<=30	Pass
		Inner 1RB Right	17.09	/	/	18.59	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30k_SISO_40MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 40MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3470.01	Edge 1RB Left	22.51	/	/	24.01	/	/	<=30	Pass
		Edge 1RB Right	22.41	/	/	23.91	/	/	<=30	Pass
		Outer_Full	22.73	/	/	24.23	/	/	<=30	Pass
		Inner_Full	23.33	/	/	24.83	/	/	<=30	Pass
		Inner 1RB Left	23.03	/	/	24.53	/	/	<=30	Pass
		Inner 1RB Right	22.89	/	/	24.39	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.44	/	/	23.94	/	/	<=30	Pass
		Edge 1RB Right	22.52	/	/	24.02	/	/	<=30	Pass
		Outer_Full	22.52	/	/	24.02	/	/	<=30	Pass
		Inner_Full	23.03	/	/	24.53	/	/	<=30	Pass
		Inner 1RB Left	22.91	/	/	24.41	/	/	<=30	Pass
		Inner 1RB Right	23.02	/	/	24.52	/	/	<=30	Pass
	3529.98	Edge 1RB Left	22.64	/	/	24.14	/	/	<=30	Pass
		Edge 1RB Right	22.87	/	/	24.37	/	/	<=30	Pass
		Outer_Full	22.75	/	/	24.25	/	/	<=30	Pass
		Inner_Full	23.09	/	/	24.59	/	/	<=30	Pass
		Inner 1RB Left	23.08	/	/	24.58	/	/	<=30	Pass
		Inner 1RB Right	23.34	/	/	24.84	/	/	<=30	Pass
DFT-s-OFDM QPSK	3470.01	Edge 1RB Left	22.01	/	/	23.51	/	/	<=30	Pass
		Edge 1RB Right	21.95	/	/	23.45	/	/	<=30	Pass
		Outer_Full	22.25	/	/	23.75	/	/	<=30	Pass

		Inner_Full	23.24	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Left	22.98	/	/	24.48	/	/	<=30	Pass
		Inner_1RB_Right	22.91	/	/	24.41	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.92	/	/	23.42	/	/	<=30	Pass
		Edge_1RB_Right	22.04	/	/	23.54	/	/	<=30	Pass
		Outer_Full	22.08	/	/	23.58	/	/	<=30	Pass
		Inner_Full	23.06	/	/	24.56	/	/	<=30	Pass
		Inner_1RB_Left	22.88	/	/	24.38	/	/	<=30	Pass
		Inner_1RB_Right	22.97	/	/	24.47	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.09	/	/	23.59	/	/	<=30	Pass
		Edge_1RB_Right	22.30	/	/	23.80	/	/	<=30	Pass
		Outer_Full	22.21	/	/	23.71	/	/	<=30	Pass
		Inner_Full	23.18	/	/	24.68	/	/	<=30	Pass
		Inner_1RB_Left	23.03	/	/	24.53	/	/	<=30	Pass
		Inner_1RB_Right	23.26	/	/	24.76	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3470.01	Edge_1RB_Left	20.95	/	/	22.45	/	/	<=30	Pass
		Edge_1RB_Right	20.78	/	/	22.28	/	/	<=30	Pass
		Outer_Full	21.26	/	/	22.76	/	/	<=30	Pass
		Inner_Full	22.31	/	/	23.81	/	/	<=30	Pass
		Inner_1RB_Left	21.89	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Right	21.83	/	/	23.33	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.81	/	/	22.31	/	/	<=30	Pass
		Edge_1RB_Right	20.83	/	/	22.33	/	/	<=30	Pass
		Outer_Full	21.05	/	/	22.55	/	/	<=30	Pass
		Inner_Full	22.02	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Left	21.78	/	/	23.28	/	/	<=30	Pass
		Inner_1RB_Right	21.77	/	/	23.27	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	20.96	/	/	22.46	/	/	<=30	Pass
		Edge_1RB_Right	21.19	/	/	22.69	/	/	<=30	Pass
		Outer_Full	21.18	/	/	22.68	/	/	<=30	Pass
		Inner_Full	22.19	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Left	21.91	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Right	22.13	/	/	23.63	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3470.01	Edge_1RB_Left	20.80	/	/	22.30	/	/	<=30	Pass
		Edge_1RB_Right	20.61	/	/	22.11	/	/	<=30	Pass
		Outer_Full	20.80	/	/	22.30	/	/	<=30	Pass
		Inner_Full	20.84	/	/	22.34	/	/	<=30	Pass
		Inner_1RB_Left	20.81	/	/	22.31	/	/	<=30	Pass
		Inner_1RB_Right	20.69	/	/	22.19	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.64	/	/	22.14	/	/	<=30	Pass
		Edge_1RB_Right	20.71	/	/	22.21	/	/	<=30	Pass
		Outer_Full	20.55	/	/	22.05	/	/	<=30	Pass
		Inner_Full	20.55	/	/	22.05	/	/	<=30	Pass
		Inner_1RB_Left	20.71	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Right	20.76	/	/	22.26	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	20.86	/	/	22.36	/	/	<=30	Pass
		Edge_1RB_Right	21.13	/	/	22.63	/	/	<=30	Pass
		Outer_Full	20.73	/	/	22.23	/	/	<=30	Pass
		Inner_Full	20.69	/	/	22.19	/	/	<=30	Pass
		Inner_1RB_Left	20.88	/	/	22.38	/	/	<=30	Pass
		Inner_1RB_Right	21.06	/	/	22.56	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3470.01	Edge_1RB_Left	18.68	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Right	18.51	/	/	20.01	/	/	<=30	Pass
		Outer_Full	18.85	/	/	20.35	/	/	<=30	Pass
		Inner_Full	18.84	/	/	20.34	/	/	<=30	Pass
		Inner_1RB_Left	18.69	/	/	20.19	/	/	<=30	Pass
		Inner_1RB_Right	18.52	/	/	20.02	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.53	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	18.62	/	/	20.12	/	/	<=30	Pass

		Outer_Full	18.62	/	/	20.12	/	/	<=30	Pass
		Inner_Full	18.60	/	/	20.10	/	/	<=30	Pass
		Inner_1RB_Left	18.52	/	/	20.02	/	/	<=30	Pass
		Inner_1RB_Right	18.61	/	/	20.11	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	18.70	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	18.91	/	/	20.41	/	/	<=30	Pass
		Outer_Full	18.79	/	/	20.29	/	/	<=30	Pass
		Inner_Full	18.72	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Left	18.66	/	/	20.16	/	/	<=30	Pass
		Inner_1RB_Right	18.94	/	/	20.44	/	/	<=30	Pass
CP-OFDM QPSK	3470.01	Edge_1RB_Left	20.04	/	/	21.54	/	/	<=30	Pass
		Edge_1RB_Right	19.85	/	/	21.35	/	/	<=30	Pass
		Outer_Full	20.27	/	/	21.77	/	/	<=30	Pass
		Inner_Full	21.73	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Left	21.45	/	/	22.95	/	/	<=30	Pass
		Inner_1RB_Right	21.40	/	/	22.90	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.04	/	/	21.54	/	/	<=30	Pass
		Edge_1RB_Right	19.89	/	/	21.39	/	/	<=30	Pass
		Outer_Full	20.07	/	/	21.57	/	/	<=30	Pass
		Inner_Full	21.51	/	/	23.01	/	/	<=30	Pass
		Inner_1RB_Left	21.46	/	/	22.96	/	/	<=30	Pass
		Inner_1RB_Right	21.54	/	/	23.04	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	20.10	/	/	21.60	/	/	<=30	Pass
		Edge_1RB_Right	20.36	/	/	21.86	/	/	<=30	Pass
		Outer_Full	20.24	/	/	21.74	/	/	<=30	Pass
		Inner_Full	21.62	/	/	23.12	/	/	<=30	Pass
		Inner_1RB_Left	21.74	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Right	21.89	/	/	23.39	/	/	<=30	Pass
CP-OFDM 16 QAM	3470.01	Edge_1RB_Left	19.87	/	/	21.37	/	/	<=30	Pass
		Edge_1RB_Right	19.75	/	/	21.25	/	/	<=30	Pass
		Outer_Full	20.31	/	/	21.81	/	/	<=30	Pass
		Inner_Full	21.31	/	/	22.81	/	/	<=30	Pass
		Inner_1RB_Left	20.99	/	/	22.49	/	/	<=30	Pass
		Inner_1RB_Right	20.77	/	/	22.27	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.77	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	19.80	/	/	21.30	/	/	<=30	Pass
		Outer_Full	20.05	/	/	21.55	/	/	<=30	Pass
		Inner_Full	21.02	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Left	20.66	/	/	22.16	/	/	<=30	Pass
		Inner_1RB_Right	20.86	/	/	22.36	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	19.91	/	/	21.41	/	/	<=30	Pass
		Edge_1RB_Right	20.12	/	/	21.62	/	/	<=30	Pass
		Outer_Full	20.25	/	/	21.75	/	/	<=30	Pass
		Inner_Full	21.15	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Left	20.89	/	/	22.39	/	/	<=30	Pass
		Inner_1RB_Right	21.17	/	/	22.67	/	/	<=30	Pass
CP-OFDM 64 QAM	3470.01	Edge_1RB_Left	19.80	/	/	21.30	/	/	<=30	Pass
		Edge_1RB_Right	19.65	/	/	21.15	/	/	<=30	Pass
		Outer_Full	19.75	/	/	21.25	/	/	<=30	Pass
		Inner_Full	19.86	/	/	21.36	/	/	<=30	Pass
		Inner_1RB_Left	19.88	/	/	21.38	/	/	<=30	Pass
		Inner_1RB_Right	19.65	/	/	21.15	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.63	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Right	19.80	/	/	21.30	/	/	<=30	Pass
		Outer_Full	19.56	/	/	21.06	/	/	<=30	Pass
		Inner_Full	19.58	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Left	19.77	/	/	21.27	/	/	<=30	Pass
		Inner_1RB_Right	19.85	/	/	21.35	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	19.77	/	/	21.27	/	/	<=30	Pass

		Edge 1RB Right	20.09	/	/	21.59	/	/	<=30	Pass
		Outer Full	19.73	/	/	21.23	/	/	<=30	Pass
		Inner Full	19.72	/	/	21.22	/	/	<=30	Pass
		Inner 1RB Left	19.81	/	/	21.31	/	/	<=30	Pass
		Inner 1RB Right	20.04	/	/	21.54	/	/	<=30	Pass
CP-OFDM 256 QAM	3470.01	Edge 1RB Left	16.79	/	/	18.29	/	/	<=30	Pass
		Edge 1RB Right	16.62	/	/	18.12	/	/	<=30	Pass
		Outer Full	16.85	/	/	18.35	/	/	<=30	Pass
		Inner Full	16.97	/	/	18.47	/	/	<=30	Pass
		Inner 1RB Left	16.83	/	/	18.33	/	/	<=30	Pass
		Inner 1RB Right	16.66	/	/	18.16	/	/	<=30	Pass
	3500.01	Edge 1RB Left	16.66	/	/	18.16	/	/	<=30	Pass
		Edge 1RB Right	16.70	/	/	18.20	/	/	<=30	Pass
		Outer Full	16.66	/	/	18.16	/	/	<=30	Pass
		Inner Full	16.65	/	/	18.15	/	/	<=30	Pass
		Inner 1RB Left	16.66	/	/	18.16	/	/	<=30	Pass
		Inner 1RB Right	16.72	/	/	18.22	/	/	<=30	Pass
	3529.98	Edge 1RB Left	16.78	/	/	18.28	/	/	<=30	Pass
		Edge 1RB Right	17.03	/	/	18.53	/	/	<=30	Pass
		Outer Full	16.81	/	/	18.31	/	/	<=30	Pass
		Inner Full	16.83	/	/	18.33	/	/	<=30	Pass
		Inner 1RB Left	16.78	/	/	18.28	/	/	<=30	Pass
Inner 1RB Right		16.99	/	/	18.49	/	/	<=30	Pass	
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 30k_SISO_50MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3475.02	Edge 1RB Left	22.48	/	/	23.98	/	/	<=30	Pass
		Edge 1RB Right	22.42	/	/	23.92	/	/	<=30	Pass
		Outer_Full	22.61	/	/	24.11	/	/	<=30	Pass
		Inner_Full	23.19	/	/	24.69	/	/	<=30	Pass
		Inner 1RB Left	22.86	/	/	24.36	/	/	<=30	Pass
		Inner 1RB Right	22.88	/	/	24.38	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.59	/	/	24.09	/	/	<=30	Pass
		Edge 1RB Right	22.53	/	/	24.03	/	/	<=30	Pass
		Outer_Full	22.60	/	/	24.10	/	/	<=30	Pass
		Inner_Full	23.09	/	/	24.59	/	/	<=30	Pass
		Inner 1RB Left	23.01	/	/	24.51	/	/	<=30	Pass
		Inner 1RB Right	22.99	/	/	24.49	/	/	<=30	Pass
	3525	Edge 1RB Left	22.43	/	/	23.93	/	/	<=30	Pass
		Edge 1RB Right	22.76	/	/	24.26	/	/	<=30	Pass
		Outer_Full	22.60	/	/	24.10	/	/	<=30	Pass
		Inner_Full	23.01	/	/	24.51	/	/	<=30	Pass
		Inner 1RB Left	22.95	/	/	24.45	/	/	<=30	Pass
		Inner 1RB Right	23.18	/	/	24.68	/	/	<=30	Pass
DFT-s-OFDM QPSK	3475.02	Edge 1RB Left	21.98	/	/	23.48	/	/	<=30	Pass
		Edge 1RB Right	21.89	/	/	23.39	/	/	<=30	Pass
		Outer_Full	22.12	/	/	23.62	/	/	<=30	Pass
		Inner_Full	23.16	/	/	24.66	/	/	<=30	Pass
		Inner 1RB Left	22.89	/	/	24.39	/	/	<=30	Pass
		Inner 1RB Right	22.87	/	/	24.37	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.01	/	/	23.51	/	/	<=30	Pass
		Edge 1RB Right	22.03	/	/	23.53	/	/	<=30	Pass
		Outer_Full	22.12	/	/	23.62	/	/	<=30	Pass

		Inner_Full	23.02	/	/	24.52	/	/	<=30	Pass
		Inner_1RB_Left	23.01	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Right	22.96	/	/	24.46	/	/	<=30	Pass
	3525	Edge_1RB_Left	21.95	/	/	23.45	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	23.67	/	/	<=30	Pass
		Outer_Full	22.14	/	/	23.64	/	/	<=30	Pass
		Inner_Full	23.10	/	/	24.60	/	/	<=30	Pass
		Inner_1RB_Left	22.95	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Right	23.11	/	/	24.61	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3475.02	Edge_1RB_Left	20.88	/	/	22.38	/	/	<=30	Pass
		Edge_1RB_Right	20.74	/	/	22.24	/	/	<=30	Pass
		Outer_Full	21.10	/	/	22.60	/	/	<=30	Pass
		Inner_Full	22.22	/	/	23.72	/	/	<=30	Pass
		Inner_1RB_Left	21.89	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Right	21.62	/	/	23.12	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.80	/	/	22.30	/	/	<=30	Pass
		Edge_1RB_Right	20.78	/	/	22.28	/	/	<=30	Pass
		Outer_Full	21.04	/	/	22.54	/	/	<=30	Pass
		Inner_Full	22.03	/	/	23.53	/	/	<=30	Pass
		Inner_1RB_Left	21.82	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Right	21.94	/	/	23.44	/	/	<=30	Pass
	3525	Edge_1RB_Left	20.67	/	/	22.17	/	/	<=30	Pass
		Edge_1RB_Right	21.04	/	/	22.54	/	/	<=30	Pass
		Outer_Full	21.10	/	/	22.60	/	/	<=30	Pass
		Inner_Full	21.90	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Left	21.74	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Right	22.01	/	/	23.51	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3475.02	Edge_1RB_Left	20.70	/	/	22.20	/	/	<=30	Pass
		Edge_1RB_Right	20.65	/	/	22.15	/	/	<=30	Pass
		Outer_Full	20.64	/	/	22.14	/	/	<=30	Pass
		Inner_Full	20.71	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Left	20.71	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Right	20.65	/	/	22.15	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.79	/	/	22.29	/	/	<=30	Pass
		Edge_1RB_Right	20.64	/	/	22.14	/	/	<=30	Pass
		Outer_Full	20.55	/	/	22.05	/	/	<=30	Pass
		Inner_Full	20.62	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Left	20.77	/	/	22.27	/	/	<=30	Pass
		Inner_1RB_Right	20.69	/	/	22.19	/	/	<=30	Pass
	3525	Edge_1RB_Left	20.62	/	/	22.12	/	/	<=30	Pass
		Edge_1RB_Right	20.98	/	/	22.48	/	/	<=30	Pass
		Outer_Full	20.59	/	/	22.09	/	/	<=30	Pass
		Inner_Full	20.61	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Left	20.65	/	/	22.15	/	/	<=30	Pass
		Inner_1RB_Right	20.91	/	/	22.41	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3475.02	Edge_1RB_Left	18.57	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Right	18.42	/	/	19.92	/	/	<=30	Pass
		Outer_Full	18.71	/	/	20.21	/	/	<=30	Pass
		Inner_Full	18.77	/	/	20.27	/	/	<=30	Pass
		Inner_1RB_Left	18.57	/	/	20.07	/	/	<=30	Pass
		Inner_1RB_Right	18.45	/	/	19.95	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.58	/	/	20.08	/	/	<=30	Pass
		Edge_1RB_Right	18.56	/	/	20.06	/	/	<=30	Pass
		Outer_Full	18.64	/	/	20.14	/	/	<=30	Pass
		Inner_Full	18.65	/	/	20.15	/	/	<=30	Pass
		Inner_1RB_Left	18.64	/	/	20.14	/	/	<=30	Pass
		Inner_1RB_Right	18.53	/	/	20.03	/	/	<=30	Pass
	3525	Edge_1RB_Left	18.49	/	/	19.99	/	/	<=30	Pass
		Edge_1RB_Right	18.78	/	/	20.28	/	/	<=30	Pass

		Outer_Full	18.69	/	/	20.19	/	/	<=30	Pass
		Inner_Full	18.64	/	/	20.14	/	/	<=30	Pass
		Inner_1RB_Left	18.50	/	/	20.00	/	/	<=30	Pass
		Inner_1RB_Right	18.79	/	/	20.29	/	/	<=30	Pass
CP-OFDM QPSK	3475.02	Edge_1RB_Left	20.06	/	/	21.56	/	/	<=30	Pass
		Edge_1RB_Right	19.84	/	/	21.34	/	/	<=30	Pass
		Outer_Full	20.11	/	/	21.61	/	/	<=30	Pass
		Inner_Full	21.61	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Left	21.33	/	/	22.83	/	/	<=30	Pass
		Inner_1RB_Right	21.40	/	/	22.90	/	/	<=30	Pass
		Edge_1RB_Left	20.05	/	/	21.55	/	/	<=30	Pass
		Edge_1RB_Right	19.86	/	/	21.36	/	/	<=30	Pass
	3500.01	Outer_Full	20.05	/	/	21.55	/	/	<=30	Pass
		Inner_Full	21.46	/	/	22.96	/	/	<=30	Pass
		Inner_1RB_Left	21.54	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Right	21.46	/	/	22.96	/	/	<=30	Pass
		Edge_1RB_Left	20.08	/	/	21.58	/	/	<=30	Pass
		Edge_1RB_Right	20.18	/	/	21.68	/	/	<=30	Pass
	3525	Outer_Full	20.10	/	/	21.60	/	/	<=30	Pass
		Inner_Full	21.50	/	/	23.00	/	/	<=30	Pass
		Inner_1RB_Left	21.51	/	/	23.01	/	/	<=30	Pass
		Inner_1RB_Right	21.79	/	/	23.29	/	/	<=30	Pass
CP-OFDM 16 QAM	3475.02	Edge_1RB_Left	19.74	/	/	21.24	/	/	<=30	Pass
		Edge_1RB_Right	19.68	/	/	21.18	/	/	<=30	Pass
		Outer_Full	20.11	/	/	21.61	/	/	<=30	Pass
		Inner_Full	21.17	/	/	22.67	/	/	<=30	Pass
		Inner_1RB_Left	20.77	/	/	22.27	/	/	<=30	Pass
		Inner_1RB_Right	20.65	/	/	22.15	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.78	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	19.80	/	/	21.30	/	/	<=30	Pass
		Outer_Full	20.06	/	/	21.56	/	/	<=30	Pass
		Inner_Full	21.02	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Left	20.85	/	/	22.35	/	/	<=30	Pass
		Inner_1RB_Right	20.70	/	/	22.20	/	/	<=30	Pass
	3525	Edge_1RB_Left	19.59	/	/	21.09	/	/	<=30	Pass
		Edge_1RB_Right	20.03	/	/	21.53	/	/	<=30	Pass
		Outer_Full	20.10	/	/	21.60	/	/	<=30	Pass
		Inner_Full	21.07	/	/	22.57	/	/	<=30	Pass
		Inner_1RB_Left	20.64	/	/	22.14	/	/	<=30	Pass
		Inner_1RB_Right	20.98	/	/	22.48	/	/	<=30	Pass
CP-OFDM 64 QAM	3475.02	Edge_1RB_Left	19.68	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	19.58	/	/	21.08	/	/	<=30	Pass
		Outer_Full	19.63	/	/	21.13	/	/	<=30	Pass
		Inner_Full	19.67	/	/	21.17	/	/	<=30	Pass
		Inner_1RB_Left	19.77	/	/	21.27	/	/	<=30	Pass
		Inner_1RB_Right	19.60	/	/	21.10	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.76	/	/	21.26	/	/	<=30	Pass
		Edge_1RB_Right	19.72	/	/	21.22	/	/	<=30	Pass
		Outer_Full	19.54	/	/	21.04	/	/	<=30	Pass
		Inner_Full	19.61	/	/	21.11	/	/	<=30	Pass
		Inner_1RB_Left	19.72	/	/	21.22	/	/	<=30	Pass
		Inner_1RB_Right	19.70	/	/	21.20	/	/	<=30	Pass
	3525	Edge_1RB_Left	19.62	/	/	21.12	/	/	<=30	Pass
		Edge_1RB_Right	19.94	/	/	21.44	/	/	<=30	Pass
		Outer_Full	19.57	/	/	21.07	/	/	<=30	Pass
		Inner_Full	19.63	/	/	21.13	/	/	<=30	Pass
		Inner_1RB_Left	19.63	/	/	21.13	/	/	<=30	Pass
		Inner_1RB_Right	19.90	/	/	21.40	/	/	<=30	Pass
CP-OFDM 256 QAM	3475.02	Edge_1RB_Left	16.63	/	/	18.13	/	/	<=30	Pass

		Edge 1RB Right	16.53	/	/	18.03	/	/	<=30	Pass
		Outer Full	16.76	/	/	18.26	/	/	<=30	Pass
		Inner_Full	16.77	/	/	18.27	/	/	<=30	Pass
		Inner_1RB Left	16.67	/	/	18.17	/	/	<=30	Pass
		Inner_1RB Right	16.50	/	/	18.00	/	/	<=30	Pass
	3500.01	Edge_1RB Left	16.70	/	/	18.20	/	/	<=30	Pass
		Edge_1RB Right	16.60	/	/	18.10	/	/	<=30	Pass
		Outer Full	16.68	/	/	18.18	/	/	<=30	Pass
		Inner_Full	16.65	/	/	18.15	/	/	<=30	Pass
		Inner_1RB Left	16.70	/	/	18.20	/	/	<=30	Pass
		Inner_1RB Right	16.64	/	/	18.14	/	/	<=30	Pass
	3525	Edge_1RB Left	16.59	/	/	18.09	/	/	<=30	Pass
		Edge_1RB Right	16.86	/	/	18.36	/	/	<=30	Pass
		Outer Full	16.69	/	/	18.19	/	/	<=30	Pass
		Inner Full	16.67	/	/	18.17	/	/	<=30	Pass
		Inner_1RB Left	16.57	/	/	18.07	/	/	<=30	Pass
		Inner_1RB Right	16.88	/	/	18.38	/	/	<=30	Pass
	Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain									

1.1.8 30k_SISO_60MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 60MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3480	Edge 1RB Left	22.39	/	/	23.89	/	/	<=30	Pass
		Edge 1RB Right	22.55	/	/	24.05	/	/	<=30	Pass
		Outer Full	22.58	/	/	24.08	/	/	<=30	Pass
		Inner Full	23.10	/	/	24.60	/	/	<=30	Pass
		Inner 1RB Left	22.88	/	/	24.38	/	/	<=30	Pass
		Inner 1RB Right	23.00	/	/	24.50	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.17	/	/	23.67	/	/	<=30	Pass
		Edge 1RB Right	21.99	/	/	23.49	/	/	<=30	Pass
		Outer Full	21.98	/	/	23.48	/	/	<=30	Pass
		Inner Full	23.06	/	/	24.56	/	/	<=30	Pass
		Inner 1RB Left	23.02	/	/	24.52	/	/	<=30	Pass
		Inner 1RB Right	22.93	/	/	24.43	/	/	<=30	Pass
	3519.99	Edge 1RB Left	22.36	/	/	23.86	/	/	<=30	Pass
		Edge 1RB Right	22.81	/	/	24.31	/	/	<=30	Pass
		Outer Full	22.66	/	/	24.16	/	/	<=30	Pass
		Inner Full	23.14	/	/	24.64	/	/	<=30	Pass
		Inner 1RB Left	22.83	/	/	24.33	/	/	<=30	Pass
		Inner 1RB Right	23.24	/	/	24.74	/	/	<=30	Pass
DFT-s-OFDM QPSK	3480	Edge 1RB Left	21.90	/	/	23.40	/	/	<=30	Pass
		Edge 1RB Right	22.08	/	/	23.58	/	/	<=30	Pass
		Outer Full	22.07	/	/	23.57	/	/	<=30	Pass
		Inner Full	23.10	/	/	24.60	/	/	<=30	Pass
		Inner 1RB Left	22.85	/	/	24.35	/	/	<=30	Pass
		Inner 1RB Right	23.00	/	/	24.50	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.12	/	/	23.62	/	/	<=30	Pass
		Edge 1RB Right	22.03	/	/	23.53	/	/	<=30	Pass
		Outer Full	21.97	/	/	23.47	/	/	<=30	Pass
		Inner Full	23.01	/	/	24.51	/	/	<=30	Pass
		Inner 1RB Left	23.05	/	/	24.55	/	/	<=30	Pass
		Inner 1RB Right	22.91	/	/	24.41	/	/	<=30	Pass
	3519.99	Edge 1RB Left	21.90	/	/	23.40	/	/	<=30	Pass
		Edge 1RB Right	22.33	/	/	23.83	/	/	<=30	Pass
		Outer Full	22.23	/	/	23.73	/	/	<=30	Pass

		Inner_Full	23.10	/	/	24.60	/	/	<=30	Pass
		Inner_1RB_Left	22.80	/	/	24.30	/	/	<=30	Pass
		Inner_1RB_Right	23.24	/	/	24.74	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3480	Edge_1RB_Left	20.79	/	/	22.29	/	/	<=30	Pass
		Edge_1RB_Right	20.86	/	/	22.36	/	/	<=30	Pass
		Outer_Full	21.10	/	/	22.60	/	/	<=30	Pass
		Inner_Full	22.08	/	/	23.58	/	/	<=30	Pass
		Inner_1RB_Left	21.78	/	/	23.28	/	/	<=30	Pass
		Inner_1RB_Right	21.87	/	/	23.37	/	/	<=30	Pass
		Edge_1RB_Left	20.99	/	/	22.49	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	20.75	/	/	22.25	/	/	<=30	Pass
		Outer_Full	20.98	/	/	22.48	/	/	<=30	Pass
		Inner_Full	22.01	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Left	21.96	/	/	23.46	/	/	<=30	Pass
		Inner_1RB_Right	21.82	/	/	23.32	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	20.72	/	/	22.22	/	/	<=30	Pass
		Edge_1RB_Right	21.19	/	/	22.69	/	/	<=30	Pass
		Outer_Full	21.16	/	/	22.66	/	/	<=30	Pass
		Inner_Full	22.17	/	/	23.67	/	/	<=30	Pass
		Inner_1RB_Left	21.73	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Right	22.21	/	/	23.71	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3480	Edge_1RB_Left	20.67	/	/	22.17	/	/	<=30	Pass
		Edge_1RB_Right	20.77	/	/	22.27	/	/	<=30	Pass
		Outer_Full	20.61	/	/	22.11	/	/	<=30	Pass
		Inner_Full	20.72	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Left	20.71	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Right	20.78	/	/	22.28	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.80	/	/	22.30	/	/	<=30	Pass
		Edge_1RB_Right	20.71	/	/	22.21	/	/	<=30	Pass
		Outer_Full	20.50	/	/	22.00	/	/	<=30	Pass
		Inner_Full	20.53	/	/	22.03	/	/	<=30	Pass
		Inner_1RB_Left	20.83	/	/	22.33	/	/	<=30	Pass
	3519.99	Inner_1RB_Right	20.55	/	/	22.05	/	/	<=30	Pass
		Edge_1RB_Left	20.63	/	/	22.13	/	/	<=30	Pass
		Edge_1RB_Right	21.05	/	/	22.55	/	/	<=30	Pass
		Outer_Full	20.69	/	/	22.19	/	/	<=30	Pass
		Inner_Full	20.65	/	/	22.15	/	/	<=30	Pass
		Inner_1RB_Left	20.55	/	/	22.05	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3480	Inner_1RB_Right	21.09	/	/	22.59	/	/	<=30	Pass
		Edge_1RB_Left	18.53	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	18.64	/	/	20.14	/	/	<=30	Pass
		Outer_Full	18.71	/	/	20.21	/	/	<=30	Pass
		Inner_Full	18.68	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Left	18.55	/	/	20.05	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	18.63	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Left	18.67	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	18.58	/	/	20.08	/	/	<=30	Pass
		Outer_Full	18.62	/	/	20.12	/	/	<=30	Pass
		Inner_Full	18.55	/	/	20.05	/	/	<=30	Pass
		Inner_1RB_Left	18.65	/	/	20.15	/	/	<=30	Pass
	3519.99	Inner_1RB_Right	18.52	/	/	20.02	/	/	<=30	Pass
		Edge_1RB_Left	18.42	/	/	19.92	/	/	<=30	Pass
		Edge_1RB_Right	18.91	/	/	20.41	/	/	<=30	Pass
		Outer_Full	18.74	/	/	20.24	/	/	<=30	Pass
		Inner_Full	18.70	/	/	20.20	/	/	<=30	Pass
		Inner_1RB_Left	18.41	/	/	19.91	/	/	<=30	Pass
CP-OFDM QPSK	3480	Inner_1RB_Right	18.91	/	/	20.41	/	/	<=30	Pass
		Edge_1RB_Left	20.06	/	/	21.56	/	/	<=30	Pass
		Edge_1RB_Right	20.00	/	/	21.50	/	/	<=30	Pass

		Outer_Full	20.13	/	/	21.63	/	/	<=30	Pass
		Inner_Full	21.59	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Left	21.40	/	/	22.90	/	/	<=30	Pass
		Inner_1RB_Right	21.54	/	/	23.04	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.14	/	/	21.64	/	/	<=30	Pass
		Edge_1RB_Right	19.94	/	/	21.44	/	/	<=30	Pass
		Outer_Full	20.01	/	/	21.51	/	/	<=30	Pass
		Inner_Full	21.41	/	/	22.91	/	/	<=30	Pass
		Inner_1RB_Left	21.59	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Right	21.47	/	/	22.97	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	19.87	/	/	21.37	/	/	<=30	Pass
		Edge_1RB_Right	20.40	/	/	21.90	/	/	<=30	Pass
		Outer_Full	20.19	/	/	21.69	/	/	<=30	Pass
		Inner_Full	21.55	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Left	21.44	/	/	22.94	/	/	<=30	Pass
		Inner_1RB_Right	21.87	/	/	23.37	/	/	<=30	Pass
CP-OFDM 16 QAM	3480	Edge_1RB_Left	19.74	/	/	21.24	/	/	<=30	Pass
		Edge_1RB_Right	19.85	/	/	21.35	/	/	<=30	Pass
		Outer_Full	20.11	/	/	21.61	/	/	<=30	Pass
		Inner_Full	21.05	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Left	20.72	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Right	20.78	/	/	22.28	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.89	/	/	21.39	/	/	<=30	Pass
		Edge_1RB_Right	19.70	/	/	21.20	/	/	<=30	Pass
		Outer_Full	20.00	/	/	21.50	/	/	<=30	Pass
		Inner_Full	20.93	/	/	22.43	/	/	<=30	Pass
		Inner_1RB_Left	20.91	/	/	22.41	/	/	<=30	Pass
		Inner_1RB_Right	20.73	/	/	22.23	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	19.61	/	/	21.11	/	/	<=30	Pass
		Edge_1RB_Right	20.09	/	/	21.59	/	/	<=30	Pass
		Outer_Full	20.16	/	/	21.66	/	/	<=30	Pass
		Inner_Full	21.10	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Left	20.63	/	/	22.13	/	/	<=30	Pass
		Inner_1RB_Right	21.07	/	/	22.57	/	/	<=30	Pass
CP-OFDM 64 QAM	3480	Edge_1RB_Left	19.73	/	/	21.23	/	/	<=30	Pass
		Edge_1RB_Right	19.76	/	/	21.26	/	/	<=30	Pass
		Outer_Full	19.63	/	/	21.13	/	/	<=30	Pass
		Inner_Full	19.65	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Left	19.67	/	/	21.17	/	/	<=30	Pass
		Inner_1RB_Right	19.81	/	/	21.31	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.81	/	/	21.31	/	/	<=30	Pass
		Edge_1RB_Right	19.64	/	/	21.14	/	/	<=30	Pass
		Outer_Full	19.50	/	/	21.00	/	/	<=30	Pass
		Inner_Full	19.55	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Left	19.78	/	/	21.28	/	/	<=30	Pass
		Inner_1RB_Right	19.64	/	/	21.14	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	19.55	/	/	21.05	/	/	<=30	Pass
		Edge_1RB_Right	20.01	/	/	21.51	/	/	<=30	Pass
		Outer_Full	19.66	/	/	21.16	/	/	<=30	Pass
		Inner_Full	19.66	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Left	19.58	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Right	20.03	/	/	21.53	/	/	<=30	Pass
CP-OFDM 256 QAM	3480	Edge_1RB_Left	16.63	/	/	18.13	/	/	<=30	Pass
		Edge_1RB_Right	16.75	/	/	18.25	/	/	<=30	Pass
		Outer_Full	16.75	/	/	18.25	/	/	<=30	Pass
		Inner_Full	16.74	/	/	18.24	/	/	<=30	Pass
		Inner_1RB_Left	16.69	/	/	18.19	/	/	<=30	Pass
		Inner_1RB_Right	16.68	/	/	18.18	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.79	/	/	18.29	/	/	<=30	Pass

		Edge 1RB Right	16.63	/	/	18.13	/	/	<=30	Pass
		Outer Full	16.62	/	/	18.12	/	/	<=30	Pass
		Inner Full	16.59	/	/	18.09	/	/	<=30	Pass
		Inner 1RB Left	16.81	/	/	18.31	/	/	<=30	Pass
		Inner 1RB Right	16.67	/	/	18.17	/	/	<=30	Pass
	3519.99	Edge 1RB Left	16.53	/	/	18.03	/	/	<=30	Pass
		Edge 1RB Right	17.02	/	/	18.52	/	/	<=30	Pass
		Outer Full	16.79	/	/	18.29	/	/	<=30	Pass
		Inner Full	16.72	/	/	18.22	/	/	<=30	Pass
		Inner 1RB Left	16.54	/	/	18.04	/	/	<=30	Pass
		Inner 1RB Right	17.03	/	/	18.53	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30k_SISO_70MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 70MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3485.01	Edge 1RB Left	22.47	/	/	23.97	/	/	<=30	Pass
		Edge 1RB Right	22.35	/	/	23.85	/	/	<=30	Pass
		Outer_Full	22.64	/	/	24.14	/	/	<=30	Pass
		Inner_Full	22.97	/	/	24.47	/	/	<=30	Pass
		Inner 1RB Left	22.97	/	/	24.47	/	/	<=30	Pass
		Inner 1RB Right	22.87	/	/	24.37	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.67	/	/	24.17	/	/	<=30	Pass
		Edge 1RB Right	22.57	/	/	24.07	/	/	<=30	Pass
		Outer_Full	22.56	/	/	24.06	/	/	<=30	Pass
		Inner_Full	22.92	/	/	24.42	/	/	<=30	Pass
		Inner 1RB Left	23.15	/	/	24.65	/	/	<=30	Pass
		Inner 1RB Right	23.09	/	/	24.59	/	/	<=30	Pass
	3514.98	Edge 1RB Left	22.38	/	/	23.88	/	/	<=30	Pass
		Edge 1RB Right	22.78	/	/	24.28	/	/	<=30	Pass
		Outer_Full	22.62	/	/	24.12	/	/	<=30	Pass
		Inner_Full	23.10	/	/	24.60	/	/	<=30	Pass
		Inner 1RB Left	22.88	/	/	24.38	/	/	<=30	Pass
		Inner 1RB Right	23.28	/	/	24.78	/	/	<=30	Pass
DFT-s-OFDM QPSK	3485.01	Edge 1RB Left	21.98	/	/	23.48	/	/	<=30	Pass
		Edge 1RB Right	21.84	/	/	23.34	/	/	<=30	Pass
		Outer_Full	22.03	/	/	23.53	/	/	<=30	Pass
		Inner_Full	22.95	/	/	24.45	/	/	<=30	Pass
		Inner 1RB Left	22.90	/	/	24.40	/	/	<=30	Pass
		Inner 1RB Right	22.79	/	/	24.29	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.14	/	/	23.64	/	/	<=30	Pass
		Edge 1RB Right	22.02	/	/	23.52	/	/	<=30	Pass
		Outer_Full	22.07	/	/	23.57	/	/	<=30	Pass
		Inner_Full	23.00	/	/	24.50	/	/	<=30	Pass
		Inner 1RB Left	23.13	/	/	24.63	/	/	<=30	Pass
		Inner 1RB Right	23.06	/	/	24.56	/	/	<=30	Pass
	3514.98	Edge 1RB Left	21.88	/	/	23.38	/	/	<=30	Pass
		Edge 1RB Right	22.29	/	/	23.79	/	/	<=30	Pass
		Outer_Full	22.07	/	/	23.57	/	/	<=30	Pass
		Inner_Full	23.13	/	/	24.63	/	/	<=30	Pass
		Inner 1RB Left	22.87	/	/	24.37	/	/	<=30	Pass
		Inner 1RB Right	23.24	/	/	24.74	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3485.01	Edge 1RB Left	20.77	/	/	22.27	/	/	<=30	Pass
		Edge 1RB Right	20.76	/	/	22.26	/	/	<=30	Pass
		Outer_Full	21.10	/	/	22.60	/	/	<=30	Pass

		Inner_Full	21.97	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Left	21.76	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Right	21.66	/	/	23.16	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.96	/	/	22.46	/	/	<=30	Pass
		Edge_1RB_Right	20.97	/	/	22.47	/	/	<=30	Pass
		Outer_Full	21.09	/	/	22.59	/	/	<=30	Pass
		Inner_Full	21.96	/	/	23.46	/	/	<=30	Pass
		Inner_1RB_Left	21.92	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Right	21.78	/	/	23.28	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	20.71	/	/	22.21	/	/	<=30	Pass
		Edge_1RB_Right	21.18	/	/	22.68	/	/	<=30	Pass
		Outer_Full	21.13	/	/	22.63	/	/	<=30	Pass
		Inner_Full	22.09	/	/	23.59	/	/	<=30	Pass
		Inner_1RB_Left	21.61	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Right	22.10	/	/	23.60	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3485.01	Edge_1RB_Left	20.69	/	/	22.19	/	/	<=30	Pass
		Edge_1RB_Right	20.59	/	/	22.09	/	/	<=30	Pass
		Outer_Full	20.63	/	/	22.13	/	/	<=30	Pass
		Inner_Full	20.57	/	/	22.07	/	/	<=30	Pass
		Inner_1RB_Left	20.75	/	/	22.25	/	/	<=30	Pass
		Inner_1RB_Right	20.59	/	/	22.09	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.87	/	/	22.37	/	/	<=30	Pass
		Edge_1RB_Right	20.78	/	/	22.28	/	/	<=30	Pass
		Outer_Full	20.59	/	/	22.09	/	/	<=30	Pass
		Inner_Full	20.58	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Left	20.86	/	/	22.36	/	/	<=30	Pass
		Inner_1RB_Right	20.78	/	/	22.28	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	20.64	/	/	22.14	/	/	<=30	Pass
		Edge_1RB_Right	21.01	/	/	22.51	/	/	<=30	Pass
		Outer_Full	20.68	/	/	22.18	/	/	<=30	Pass
		Inner_Full	20.68	/	/	22.18	/	/	<=30	Pass
		Inner_1RB_Left	20.65	/	/	22.15	/	/	<=30	Pass
		Inner_1RB_Right	21.01	/	/	22.51	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3485.01	Edge_1RB_Left	18.57	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Right	18.46	/	/	19.96	/	/	<=30	Pass
		Outer_Full	18.69	/	/	20.19	/	/	<=30	Pass
		Inner_Full	18.66	/	/	20.16	/	/	<=30	Pass
		Inner_1RB_Left	18.58	/	/	20.08	/	/	<=30	Pass
		Inner_1RB_Right	18.46	/	/	19.96	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.79	/	/	20.29	/	/	<=30	Pass
		Edge_1RB_Right	18.67	/	/	20.17	/	/	<=30	Pass
		Outer_Full	18.67	/	/	20.17	/	/	<=30	Pass
		Inner_Full	18.64	/	/	20.14	/	/	<=30	Pass
		Inner_1RB_Left	18.77	/	/	20.27	/	/	<=30	Pass
		Inner_1RB_Right	18.63	/	/	20.13	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	18.52	/	/	20.02	/	/	<=30	Pass
		Edge_1RB_Right	18.92	/	/	20.42	/	/	<=30	Pass
		Outer_Full	18.76	/	/	20.26	/	/	<=30	Pass
		Inner_Full	18.74	/	/	20.24	/	/	<=30	Pass
		Inner_1RB_Left	18.50	/	/	20.00	/	/	<=30	Pass
		Inner_1RB_Right	18.91	/	/	20.41	/	/	<=30	Pass
CP-OFDM QPSK	3485.01	Edge_1RB_Left	19.93	/	/	21.43	/	/	<=30	Pass
		Edge_1RB_Right	19.84	/	/	21.34	/	/	<=30	Pass
		Outer_Full	20.13	/	/	21.63	/	/	<=30	Pass
		Inner_Full	21.47	/	/	22.97	/	/	<=30	Pass
		Inner_1RB_Left	21.39	/	/	22.89	/	/	<=30	Pass
		Inner_1RB_Right	21.38	/	/	22.88	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.19	/	/	21.69	/	/	<=30	Pass
		Edge_1RB_Right	20.10	/	/	21.60	/	/	<=30	Pass

		Outer_Full	20.10	/	/	21.60	/	/	<=30	Pass
		Inner_Full	21.50	/	/	23.00	/	/	<=30	Pass
		Inner_1RB_Left	21.70	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Right	21.50	/	/	23.00	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	19.92	/	/	21.42	/	/	<=30	Pass
		Edge_1RB_Right	20.37	/	/	21.87	/	/	<=30	Pass
		Outer_Full	20.20	/	/	21.70	/	/	<=30	Pass
		Inner_Full	21.60	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Left	21.38	/	/	22.88	/	/	<=30	Pass
		Inner_1RB_Right	21.88	/	/	23.38	/	/	<=30	Pass
CP-OFDM 16 QAM	3485.01	Edge_1RB_Left	19.85	/	/	21.35	/	/	<=30	Pass
		Edge_1RB_Right	19.85	/	/	21.35	/	/	<=30	Pass
		Outer_Full	20.13	/	/	21.63	/	/	<=30	Pass
		Inner_Full	21.07	/	/	22.57	/	/	<=30	Pass
		Inner_1RB_Left	20.83	/	/	22.33	/	/	<=30	Pass
		Inner_1RB_Right	20.75	/	/	22.25	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.05	/	/	21.55	/	/	<=30	Pass
		Edge_1RB_Right	19.81	/	/	21.31	/	/	<=30	Pass
		Outer_Full	20.11	/	/	21.61	/	/	<=30	Pass
		Inner_Full	20.99	/	/	22.49	/	/	<=30	Pass
		Inner_1RB_Left	20.95	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Right	20.84	/	/	22.34	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	19.77	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	20.03	/	/	21.53	/	/	<=30	Pass
		Outer_Full	20.17	/	/	21.67	/	/	<=30	Pass
		Inner_Full	21.15	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Left	20.73	/	/	22.23	/	/	<=30	Pass
		Inner_1RB_Right	21.13	/	/	22.63	/	/	<=30	Pass
CP-OFDM 64 QAM	3485.01	Edge_1RB_Left	19.71	/	/	21.21	/	/	<=30	Pass
		Edge_1RB_Right	19.64	/	/	21.14	/	/	<=30	Pass
		Outer_Full	19.58	/	/	21.08	/	/	<=30	Pass
		Inner_Full	19.57	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Left	19.78	/	/	21.28	/	/	<=30	Pass
		Inner_1RB_Right	19.73	/	/	21.23	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.93	/	/	21.43	/	/	<=30	Pass
		Edge_1RB_Right	19.79	/	/	21.29	/	/	<=30	Pass
		Outer_Full	19.54	/	/	21.04	/	/	<=30	Pass
		Inner_Full	19.57	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Left	19.87	/	/	21.37	/	/	<=30	Pass
		Inner_1RB_Right	19.85	/	/	21.35	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	19.71	/	/	21.21	/	/	<=30	Pass
		Edge_1RB_Right	20.01	/	/	21.51	/	/	<=30	Pass
		Outer_Full	19.69	/	/	21.19	/	/	<=30	Pass
		Inner_Full	19.67	/	/	21.17	/	/	<=30	Pass
		Inner_1RB_Left	19.72	/	/	21.22	/	/	<=30	Pass
		Inner_1RB_Right	20.03	/	/	21.53	/	/	<=30	Pass
CP-OFDM 256 QAM	3485.01	Edge_1RB_Left	16.69	/	/	18.19	/	/	<=30	Pass
		Edge_1RB_Right	16.58	/	/	18.08	/	/	<=30	Pass
		Outer_Full	16.69	/	/	18.19	/	/	<=30	Pass
		Inner_Full	16.64	/	/	18.14	/	/	<=30	Pass
		Inner_1RB_Left	16.71	/	/	18.21	/	/	<=30	Pass
		Inner_1RB_Right	16.58	/	/	18.08	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.87	/	/	18.37	/	/	<=30	Pass
		Edge_1RB_Right	16.71	/	/	18.21	/	/	<=30	Pass
		Outer_Full	16.68	/	/	18.18	/	/	<=30	Pass
		Inner_Full	16.63	/	/	18.13	/	/	<=30	Pass
		Inner_1RB_Left	16.83	/	/	18.33	/	/	<=30	Pass
		Inner_1RB_Right	16.69	/	/	18.19	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	16.65	/	/	18.15	/	/	<=30	Pass

		Edge 1RB Right	17.01	/	/	18.51	/	/	<=30	Pass
		Outer Full	16.78	/	/	18.28	/	/	<=30	Pass
		Inner Full	16.73	/	/	18.23	/	/	<=30	Pass
		Inner 1RB Left	16.62	/	/	18.12	/	/	<=30	Pass
		Inner 1RB Right	17.00	/	/	18.50	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.10 30k_SISO_80MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 80MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3490.02	Edge 1RB Left	22.49	/	/	23.99	/	/	<=30	Pass
		Edge 1RB Right	22.50	/	/	24.00	/	/	<=30	Pass
		Outer Full	22.54	/	/	24.04	/	/	<=30	Pass
		Inner Full	23.07	/	/	24.57	/	/	<=30	Pass
		Inner 1RB Left	22.94	/	/	24.44	/	/	<=30	Pass
		Inner 1RB Right	22.98	/	/	24.48	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.61	/	/	24.11	/	/	<=30	Pass
		Edge 1RB Right	22.69	/	/	24.19	/	/	<=30	Pass
		Outer Full	22.56	/	/	24.06	/	/	<=30	Pass
		Inner Full	22.93	/	/	24.43	/	/	<=30	Pass
		Inner 1RB Left	23.08	/	/	24.58	/	/	<=30	Pass
		Inner 1RB Right	23.14	/	/	24.64	/	/	<=30	Pass
	3510	Edge 1RB Left	22.64	/	/	24.14	/	/	<=30	Pass
		Edge 1RB Right	22.75	/	/	24.25	/	/	<=30	Pass
		Outer Full	22.53	/	/	24.03	/	/	<=30	Pass
		Inner Full	23.02	/	/	24.52	/	/	<=30	Pass
		Inner 1RB Left	23.16	/	/	24.66	/	/	<=30	Pass
		Inner 1RB Right	23.27	/	/	24.77	/	/	<=30	Pass
DFT-s-OFDM QPSK	3490.02	Edge 1RB Left	22.03	/	/	23.53	/	/	<=30	Pass
		Edge 1RB Right	21.94	/	/	23.44	/	/	<=30	Pass
		Outer Full	22.07	/	/	23.57	/	/	<=30	Pass
		Inner Full	22.98	/	/	24.48	/	/	<=30	Pass
		Inner 1RB Left	22.94	/	/	24.44	/	/	<=30	Pass
		Inner 1RB Right	22.93	/	/	24.43	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.07	/	/	23.57	/	/	<=30	Pass
		Edge 1RB Right	22.11	/	/	23.61	/	/	<=30	Pass
		Outer Full	22.05	/	/	23.55	/	/	<=30	Pass
		Inner Full	22.94	/	/	24.44	/	/	<=30	Pass
		Inner 1RB Left	23.01	/	/	24.51	/	/	<=30	Pass
		Inner 1RB Right	23.13	/	/	24.63	/	/	<=30	Pass
	3510	Edge 1RB Left	22.14	/	/	23.64	/	/	<=30	Pass
		Edge 1RB Right	22.19	/	/	23.69	/	/	<=30	Pass
		Outer Full	22.12	/	/	23.62	/	/	<=30	Pass
		Inner Full	22.99	/	/	24.49	/	/	<=30	Pass
		Inner 1RB Left	23.12	/	/	24.62	/	/	<=30	Pass
		Inner 1RB Right	23.20	/	/	24.70	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3490.02	Edge 1RB Left	20.83	/	/	22.33	/	/	<=30	Pass
		Edge 1RB Right	20.81	/	/	22.31	/	/	<=30	Pass
		Outer Full	21.10	/	/	22.60	/	/	<=30	Pass
		Inner Full	22.05	/	/	23.55	/	/	<=30	Pass
		Inner 1RB Left	21.84	/	/	23.34	/	/	<=30	Pass
		Inner 1RB Right	21.86	/	/	23.36	/	/	<=30	Pass
	3500.01	Edge 1RB Left	20.89	/	/	22.39	/	/	<=30	Pass
		Edge 1RB Right	21.05	/	/	22.55	/	/	<=30	Pass
		Outer Full	21.04	/	/	22.54	/	/	<=30	Pass

		Inner_Full	21.97	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Left	21.95	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Right	21.99	/	/	23.49	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.08	/	/	22.58	/	/	<=30	Pass
		Edge_1RB_Right	21.15	/	/	22.65	/	/	<=30	Pass
		Outer_Full	21.07	/	/	22.57	/	/	<=30	Pass
		Inner_Full	22.04	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Left	21.95	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Right	22.08	/	/	23.58	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3490.02	Edge_1RB_Left	20.77	/	/	22.27	/	/	<=30	Pass
		Edge_1RB_Right	20.73	/	/	22.23	/	/	<=30	Pass
		Outer_Full	20.60	/	/	22.10	/	/	<=30	Pass
		Inner_Full	20.63	/	/	22.13	/	/	<=30	Pass
		Inner_1RB_Left	20.69	/	/	22.19	/	/	<=30	Pass
		Inner_1RB_Right	20.70	/	/	22.20	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.81	/	/	22.31	/	/	<=30	Pass
		Edge_1RB_Right	20.94	/	/	22.44	/	/	<=30	Pass
		Outer_Full	20.58	/	/	22.08	/	/	<=30	Pass
		Inner_Full	20.57	/	/	22.07	/	/	<=30	Pass
		Inner_1RB_Left	20.82	/	/	22.32	/	/	<=30	Pass
		Inner_1RB_Right	20.92	/	/	22.42	/	/	<=30	Pass
	3510	Edge_1RB_Left	20.88	/	/	22.38	/	/	<=30	Pass
		Edge_1RB_Right	20.99	/	/	22.49	/	/	<=30	Pass
		Outer_Full	20.63	/	/	22.13	/	/	<=30	Pass
		Inner_Full	20.62	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Left	20.86	/	/	22.36	/	/	<=30	Pass
		Inner_1RB_Right	20.99	/	/	22.49	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3490.02	Edge_1RB_Left	18.57	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Right	18.54	/	/	20.04	/	/	<=30	Pass
		Outer_Full	18.69	/	/	20.19	/	/	<=30	Pass
		Inner_Full	18.65	/	/	20.15	/	/	<=30	Pass
		Inner_1RB_Left	18.59	/	/	20.09	/	/	<=30	Pass
		Inner_1RB_Right	18.57	/	/	20.07	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.67	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	18.73	/	/	20.23	/	/	<=30	Pass
		Outer_Full	18.66	/	/	20.16	/	/	<=30	Pass
		Inner_Full	18.60	/	/	20.10	/	/	<=30	Pass
		Inner_1RB_Left	18.70	/	/	20.20	/	/	<=30	Pass
		Inner_1RB_Right	18.70	/	/	20.20	/	/	<=30	Pass
	3510	Edge_1RB_Left	18.78	/	/	20.28	/	/	<=30	Pass
		Edge_1RB_Right	18.85	/	/	20.35	/	/	<=30	Pass
		Outer_Full	18.69	/	/	20.19	/	/	<=30	Pass
		Inner_Full	18.66	/	/	20.16	/	/	<=30	Pass
		Inner_1RB_Left	18.78	/	/	20.28	/	/	<=30	Pass
		Inner_1RB_Right	18.86	/	/	20.36	/	/	<=30	Pass
CP-OFDM QPSK	3490.02	Edge_1RB_Left	20.07	/	/	21.57	/	/	<=30	Pass
		Edge_1RB_Right	20.00	/	/	21.50	/	/	<=30	Pass
		Outer_Full	20.12	/	/	21.62	/	/	<=30	Pass
		Inner_Full	21.56	/	/	23.06	/	/	<=30	Pass
		Inner_1RB_Left	21.44	/	/	22.94	/	/	<=30	Pass
		Inner_1RB_Right	21.47	/	/	22.97	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.04	/	/	21.54	/	/	<=30	Pass
		Edge_1RB_Right	20.06	/	/	21.56	/	/	<=30	Pass
		Outer_Full	20.04	/	/	21.54	/	/	<=30	Pass
		Inner_Full	21.43	/	/	22.93	/	/	<=30	Pass
		Inner_1RB_Left	21.57	/	/	23.07	/	/	<=30	Pass
		Inner_1RB_Right	21.67	/	/	23.17	/	/	<=30	Pass
	3510	Edge_1RB_Left	20.17	/	/	21.67	/	/	<=30	Pass
		Edge_1RB_Right	20.24	/	/	21.74	/	/	<=30	Pass

		Outer Full	20.12	/	/	21.62	/	/	<=30	Pass
		Inner Full	21.49	/	/	22.99	/	/	<=30	Pass
		Inner_1RB_Left	21.60	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Right	21.78	/	/	23.28	/	/	<=30	Pass
CP-OFDM 16 QAM	3490.02	Edge_1RB_Left	19.80	/	/	21.30	/	/	<=30	Pass
		Edge_1RB_Right	19.84	/	/	21.34	/	/	<=30	Pass
		Outer Full	20.10	/	/	21.60	/	/	<=30	Pass
		Inner Full	21.06	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Left	20.82	/	/	22.32	/	/	<=30	Pass
		Inner_1RB_Right	20.80	/	/	22.30	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.79	/	/	21.29	/	/	<=30	Pass
		Edge_1RB_Right	20.01	/	/	21.51	/	/	<=30	Pass
		Outer Full	20.02	/	/	21.52	/	/	<=30	Pass
		Inner Full	21.01	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Left	20.93	/	/	22.43	/	/	<=30	Pass
		Inner_1RB_Right	20.96	/	/	22.46	/	/	<=30	Pass
	3510	Edge_1RB_Left	20.05	/	/	21.55	/	/	<=30	Pass
		Edge_1RB_Right	20.11	/	/	21.61	/	/	<=30	Pass
		Outer Full	20.11	/	/	21.61	/	/	<=30	Pass
		Inner Full	21.04	/	/	22.54	/	/	<=30	Pass
Inner_1RB_Left		20.99	/	/	22.49	/	/	<=30	Pass	
Inner_1RB_Right		21.09	/	/	22.59	/	/	<=30	Pass	
CP-OFDM 64 QAM	3490.02	Edge_1RB_Left	19.76	/	/	21.26	/	/	<=30	Pass
		Edge_1RB_Right	19.67	/	/	21.17	/	/	<=30	Pass
		Outer Full	19.64	/	/	21.14	/	/	<=30	Pass
		Inner Full	19.62	/	/	21.12	/	/	<=30	Pass
		Inner_1RB_Left	19.81	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Right	19.70	/	/	21.20	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.87	/	/	21.37	/	/	<=30	Pass
		Edge_1RB_Right	19.82	/	/	21.32	/	/	<=30	Pass
		Outer Full	19.56	/	/	21.06	/	/	<=30	Pass
		Inner Full	19.59	/	/	21.09	/	/	<=30	Pass
		Inner_1RB_Left	19.81	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Right	19.84	/	/	21.34	/	/	<=30	Pass
	3510	Edge_1RB_Left	19.97	/	/	21.47	/	/	<=30	Pass
		Edge_1RB_Right	19.93	/	/	21.43	/	/	<=30	Pass
		Outer Full	19.59	/	/	21.09	/	/	<=30	Pass
		Inner Full	19.59	/	/	21.09	/	/	<=30	Pass
Inner_1RB_Left		19.88	/	/	21.38	/	/	<=30	Pass	
Inner_1RB_Right		20.07	/	/	21.57	/	/	<=30	Pass	
CP-OFDM 256 QAM	3490.02	Edge_1RB_Left	16.71	/	/	18.21	/	/	<=30	Pass
		Edge_1RB_Right	16.71	/	/	18.21	/	/	<=30	Pass
		Outer Full	16.71	/	/	18.21	/	/	<=30	Pass
		Inner Full	16.73	/	/	18.23	/	/	<=30	Pass
		Inner_1RB_Left	16.76	/	/	18.26	/	/	<=30	Pass
		Inner_1RB_Right	16.69	/	/	18.19	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.80	/	/	18.30	/	/	<=30	Pass
		Edge_1RB_Right	16.82	/	/	18.32	/	/	<=30	Pass
		Outer Full	16.70	/	/	18.20	/	/	<=30	Pass
		Inner Full	16.63	/	/	18.13	/	/	<=30	Pass
		Inner_1RB_Left	16.83	/	/	18.33	/	/	<=30	Pass
		Inner_1RB_Right	16.85	/	/	18.35	/	/	<=30	Pass
	3510	Edge_1RB_Left	16.88	/	/	18.38	/	/	<=30	Pass
		Edge_1RB_Right	16.97	/	/	18.47	/	/	<=30	Pass
		Outer Full	16.75	/	/	18.25	/	/	<=30	Pass
		Inner Full	16.70	/	/	18.20	/	/	<=30	Pass
Inner_1RB_Left		16.92	/	/	18.42	/	/	<=30	Pass	
Inner_1RB_Right		16.95	/	/	18.45	/	/	<=30	Pass	
Note1: Antenna Gain: Ant11: 1.50dBi:										

Note2: EIRP=Conducted Power+Antenna Gain

1.1.11 30k_SISO_90MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3495	Edge_1RB_Left	22.56	/	/	24.06	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	24.16	/	/	<=30	Pass
		Outer_Full	22.67	/	/	24.17	/	/	<=30	Pass
		Inner_Full	23.06	/	/	24.56	/	/	<=30	Pass
		Inner_1RB_Left	23.05	/	/	24.55	/	/	<=30	Pass
		Inner_1RB_Right	23.17	/	/	24.67	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.55	/	/	24.05	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	24.25	/	/	<=30	Pass
		Outer_Full	22.61	/	/	24.11	/	/	<=30	Pass
		Inner_Full	23.07	/	/	24.57	/	/	<=30	Pass
		Inner_1RB_Left	23.04	/	/	24.54	/	/	<=30	Pass
		Inner_1RB_Right	23.22	/	/	24.72	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.58	/	/	24.08	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	24.31	/	/	<=30	Pass
		Outer_Full	22.62	/	/	24.12	/	/	<=30	Pass
		Inner_Full	23.11	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Left	23.15	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Right	23.30	/	/	24.80	/	/	<=30	Pass
DFT-s-OFDM QPSK	3495	Edge_1RB_Left	22.06	/	/	23.56	/	/	<=30	Pass
		Edge_1RB_Right	22.18	/	/	23.68	/	/	<=30	Pass
		Outer_Full	22.18	/	/	23.68	/	/	<=30	Pass
		Inner_Full	23.01	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Left	22.98	/	/	24.48	/	/	<=30	Pass
		Inner_1RB_Right	23.16	/	/	24.66	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.02	/	/	23.52	/	/	<=30	Pass
		Edge_1RB_Right	22.20	/	/	23.70	/	/	<=30	Pass
		Outer_Full	22.22	/	/	23.72	/	/	<=30	Pass
		Inner_Full	23.06	/	/	24.56	/	/	<=30	Pass
		Inner_1RB_Left	23.00	/	/	24.50	/	/	<=30	Pass
		Inner_1RB_Right	23.16	/	/	24.66	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.15	/	/	23.65	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	23.77	/	/	<=30	Pass
		Outer_Full	22.16	/	/	23.66	/	/	<=30	Pass
		Inner_Full	23.10	/	/	24.60	/	/	<=30	Pass
		Inner_1RB_Left	23.06	/	/	24.56	/	/	<=30	Pass
		Inner_1RB_Right	23.27	/	/	24.77	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3495	Edge_1RB_Left	20.94	/	/	22.44	/	/	<=30	Pass
		Edge_1RB_Right	21.07	/	/	22.57	/	/	<=30	Pass
		Outer_Full	21.11	/	/	22.61	/	/	<=30	Pass
		Inner_Full	22.05	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Left	21.76	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Right	21.96	/	/	23.46	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.98	/	/	22.48	/	/	<=30	Pass
		Edge_1RB_Right	21.00	/	/	22.50	/	/	<=30	Pass
		Outer_Full	21.15	/	/	22.65	/	/	<=30	Pass
		Inner_Full	22.06	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Left	21.79	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Right	22.07	/	/	23.57	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	21.01	/	/	22.51	/	/	<=30	Pass
		Edge_1RB_Right	21.12	/	/	22.62	/	/	<=30	Pass

		Outer_Full	21.21	/	/	22.71	/	/	<=30	Pass
		Inner_Full	22.06	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Left	21.95	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Right	22.14	/	/	23.64	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3495	Edge_1RB_Left	20.76	/	/	22.26	/	/	<=30	Pass
		Edge_1RB_Right	20.89	/	/	22.39	/	/	<=30	Pass
		Outer_Full	20.65	/	/	22.15	/	/	<=30	Pass
		Inner_Full	20.62	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Left	20.80	/	/	22.30	/	/	<=30	Pass
		Inner_1RB_Right	20.87	/	/	22.37	/	/	<=30	Pass
		Edge_1RB_Left	20.76	/	/	22.26	/	/	<=30	Pass
		Edge_1RB_Right	20.98	/	/	22.48	/	/	<=30	Pass
	3500.01	Outer_Full	20.71	/	/	22.21	/	/	<=30	Pass
		Inner_Full	20.61	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Left	20.80	/	/	22.30	/	/	<=30	Pass
		Inner_1RB_Right	20.99	/	/	22.49	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	20.87	/	/	22.37	/	/	<=30	Pass
		Edge_1RB_Right	21.03	/	/	22.53	/	/	<=30	Pass
		Outer_Full	20.75	/	/	22.25	/	/	<=30	Pass
		Inner_Full	20.64	/	/	22.14	/	/	<=30	Pass
		Inner_1RB_Left	20.84	/	/	22.34	/	/	<=30	Pass
		Inner_1RB_Right	21.01	/	/	22.51	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3495	Edge_1RB_Left	18.62	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	18.75	/	/	20.25	/	/	<=30	Pass
		Outer_Full	18.73	/	/	20.23	/	/	<=30	Pass
		Inner_Full	18.67	/	/	20.17	/	/	<=30	Pass
		Inner_1RB_Left	18.63	/	/	20.13	/	/	<=30	Pass
		Inner_1RB_Right	18.70	/	/	20.20	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.66	/	/	20.16	/	/	<=30	Pass
		Edge_1RB_Right	18.87	/	/	20.37	/	/	<=30	Pass
		Outer_Full	18.77	/	/	20.27	/	/	<=30	Pass
		Inner_Full	18.69	/	/	20.19	/	/	<=30	Pass
		Inner_1RB_Left	18.63	/	/	20.13	/	/	<=30	Pass
		Inner_1RB_Right	18.86	/	/	20.36	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	18.69	/	/	20.19	/	/	<=30	Pass
		Edge_1RB_Right	18.87	/	/	20.37	/	/	<=30	Pass
		Outer_Full	18.78	/	/	20.28	/	/	<=30	Pass
		Inner_Full	18.71	/	/	20.21	/	/	<=30	Pass
		Inner_1RB_Left	18.70	/	/	20.20	/	/	<=30	Pass
		Inner_1RB_Right	18.88	/	/	20.38	/	/	<=30	Pass
CP-OFDM QPSK	3495	Edge_1RB_Left	20.07	/	/	21.57	/	/	<=30	Pass
		Edge_1RB_Right	20.09	/	/	21.59	/	/	<=30	Pass
		Outer_Full	20.12	/	/	21.62	/	/	<=30	Pass
		Inner_Full	21.49	/	/	22.99	/	/	<=30	Pass
		Inner_1RB_Left	21.48	/	/	22.98	/	/	<=30	Pass
		Inner_1RB_Right	21.65	/	/	23.15	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.99	/	/	21.49	/	/	<=30	Pass
		Edge_1RB_Right	20.29	/	/	21.79	/	/	<=30	Pass
		Outer_Full	20.16	/	/	21.66	/	/	<=30	Pass
		Inner_Full	21.53	/	/	23.03	/	/	<=30	Pass
		Inner_1RB_Left	21.52	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Right	21.78	/	/	23.28	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	20.03	/	/	21.53	/	/	<=30	Pass
		Edge_1RB_Right	20.33	/	/	21.83	/	/	<=30	Pass
		Outer_Full	20.21	/	/	21.71	/	/	<=30	Pass
		Inner_Full	21.54	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Left	21.63	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Right	21.82	/	/	23.32	/	/	<=30	Pass
CP-OFDM 16 QAM	3495	Edge_1RB_Left	19.85	/	/	21.35	/	/	<=30	Pass

		Edge 1RB Right	19.97	/	/	21.47	/	/	<=30	Pass
		Outer Full	20.10	/	/	21.60	/	/	<=30	Pass
		Inner Full	21.03	/	/	22.53	/	/	<=30	Pass
		Inner 1RB Left	20.90	/	/	22.40	/	/	<=30	Pass
		Inner 1RB Right	20.88	/	/	22.38	/	/	<=30	Pass
	3500.01	Edge 1RB Left	20.00	/	/	21.50	/	/	<=30	Pass
		Edge 1RB Right	20.13	/	/	21.63	/	/	<=30	Pass
		Outer Full	20.10	/	/	21.60	/	/	<=30	Pass
		Inner Full	21.06	/	/	22.56	/	/	<=30	Pass
		Inner 1RB Left	20.85	/	/	22.35	/	/	<=30	Pass
		Inner 1RB Right	21.10	/	/	22.60	/	/	<=30	Pass
	3504.99	Edge 1RB Left	19.88	/	/	21.38	/	/	<=30	Pass
		Edge 1RB Right	20.10	/	/	21.60	/	/	<=30	Pass
		Outer Full	20.17	/	/	21.67	/	/	<=30	Pass
		Inner Full	21.08	/	/	22.58	/	/	<=30	Pass
		Inner 1RB Left	20.94	/	/	22.44	/	/	<=30	Pass
CP-OFDM 64 QAM	3495	Inner 1RB Right	21.16	/	/	22.66	/	/	<=30	Pass
		Edge 1RB Left	19.74	/	/	21.24	/	/	<=30	Pass
		Edge 1RB Right	19.90	/	/	21.40	/	/	<=30	Pass
		Outer Full	19.59	/	/	21.09	/	/	<=30	Pass
		Inner Full	19.56	/	/	21.06	/	/	<=30	Pass
	3500.01	Inner 1RB Left	19.82	/	/	21.32	/	/	<=30	Pass
		Inner 1RB Right	19.86	/	/	21.36	/	/	<=30	Pass
		Edge 1RB Left	19.74	/	/	21.24	/	/	<=30	Pass
		Edge 1RB Right	20.07	/	/	21.57	/	/	<=30	Pass
		Outer Full	19.66	/	/	21.16	/	/	<=30	Pass
	3504.99	Inner Full	19.58	/	/	21.08	/	/	<=30	Pass
		Inner 1RB Left	19.76	/	/	21.26	/	/	<=30	Pass
		Inner 1RB Right	19.93	/	/	21.43	/	/	<=30	Pass
		Edge 1RB Left	19.83	/	/	21.33	/	/	<=30	Pass
		Edge 1RB Right	20.07	/	/	21.57	/	/	<=30	Pass
CP-OFDM 256 QAM	3495	Outer Full	19.72	/	/	21.22	/	/	<=30	Pass
		Inner Full	19.63	/	/	21.13	/	/	<=30	Pass
		Inner 1RB Left	19.88	/	/	21.38	/	/	<=30	Pass
		Inner 1RB Right	20.02	/	/	21.52	/	/	<=30	Pass
		Edge 1RB Left	16.69	/	/	18.19	/	/	<=30	Pass
	3500.01	Edge 1RB Right	16.81	/	/	18.31	/	/	<=30	Pass
		Outer Full	16.67	/	/	18.17	/	/	<=30	Pass
		Inner Full	16.66	/	/	18.16	/	/	<=30	Pass
		Inner 1RB Left	16.72	/	/	18.22	/	/	<=30	Pass
		Inner 1RB Right	16.79	/	/	18.29	/	/	<=30	Pass
	3504.99	Edge 1RB Left	16.77	/	/	18.27	/	/	<=30	Pass
		Edge 1RB Right	17.01	/	/	18.51	/	/	<=30	Pass
		Outer Full	16.81	/	/	18.31	/	/	<=30	Pass
		Inner Full	16.66	/	/	18.16	/	/	<=30	Pass
		Inner 1RB Left	16.80	/	/	18.30	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain		Inner 1RB Right	16.97	/	/	18.47	/	/	<=30	Pass
		Edge 1RB Left	16.75	/	/	18.25	/	/	<=30	Pass
		Edge 1RB Right	16.99	/	/	18.49	/	/	<=30	Pass
		Outer Full	16.79	/	/	18.29	/	/	<=30	Pass
		Inner Full	16.69	/	/	18.19	/	/	<=30	Pass
		Inner 1RB Left	16.79	/	/	18.29	/	/	<=30	Pass
		Inner 1RB Right	16.96	/	/	18.46	/	/	<=30	Pass

1.1.12 30k_SISO_100MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 100MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant11	Ant2	Sum	Ant11	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Edge_1RB_Left	22.46	/	/	23.96	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	24.29	/	/	<=30	Pass
		Outer_Full	22.69	/	/	24.19	/	/	<=30	Pass
		Inner_Full	23.06	/	/	24.56	/	/	<=30	Pass
		Inner_1RB_Left	22.97	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Right	23.24	/	/	24.74	/	/	<=30	Pass
DFT-s-OFDM QPSK	3500.01	Edge_1RB_Left	21.99	/	/	23.49	/	/	<=30	Pass
		Edge_1RB_Right	22.20	/	/	23.70	/	/	<=30	Pass
		Outer_Full	22.12	/	/	23.62	/	/	<=30	Pass
		Inner_Full	23.03	/	/	24.53	/	/	<=30	Pass
		Inner_1RB_Left	22.96	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Right	23.23	/	/	24.73	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3500.01	Edge_1RB_Left	20.85	/	/	22.35	/	/	<=30	Pass
		Edge_1RB_Right	21.13	/	/	22.63	/	/	<=30	Pass
		Outer_Full	21.13	/	/	22.63	/	/	<=30	Pass
		Inner_Full	21.95	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Left	21.86	/	/	23.36	/	/	<=30	Pass
		Inner_1RB_Right	21.98	/	/	23.48	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3500.01	Edge_1RB_Left	20.72	/	/	22.22	/	/	<=30	Pass
		Edge_1RB_Right	20.95	/	/	22.45	/	/	<=30	Pass
		Outer_Full	20.72	/	/	22.22	/	/	<=30	Pass
		Inner_Full	20.60	/	/	22.10	/	/	<=30	Pass
		Inner_1RB_Left	20.73	/	/	22.23	/	/	<=30	Pass
		Inner_1RB_Right	20.95	/	/	22.45	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3500.01	Edge_1RB_Left	18.60	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Right	18.83	/	/	20.33	/	/	<=30	Pass
		Outer_Full	18.75	/	/	20.25	/	/	<=30	Pass
		Inner_Full	18.69	/	/	20.19	/	/	<=30	Pass
		Inner_1RB_Left	18.58	/	/	20.08	/	/	<=30	Pass
		Inner_1RB_Right	18.84	/	/	20.34	/	/	<=30	Pass
CP-OFDM QPSK	3500.01	Edge_1RB_Left	19.96	/	/	21.46	/	/	<=30	Pass
		Edge_1RB_Right	20.28	/	/	21.78	/	/	<=30	Pass
		Outer_Full	20.20	/	/	21.70	/	/	<=30	Pass
		Inner_Full	21.52	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Left	21.42	/	/	22.92	/	/	<=30	Pass
		Inner_1RB_Right	21.73	/	/	23.23	/	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Edge_1RB_Left	19.78	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	20.06	/	/	21.56	/	/	<=30	Pass
		Outer_Full	20.15	/	/	21.65	/	/	<=30	Pass
		Inner_Full	21.07	/	/	22.57	/	/	<=30	Pass
		Inner_1RB_Left	20.85	/	/	22.35	/	/	<=30	Pass
		Inner_1RB_Right	21.07	/	/	22.57	/	/	<=30	Pass
CP-OFDM 64 QAM	3500.01	Edge_1RB_Left	19.75	/	/	21.25	/	/	<=30	Pass
		Edge_1RB_Right	19.95	/	/	21.45	/	/	<=30	Pass
		Outer_Full	19.68	/	/	21.18	/	/	<=30	Pass
		Inner_Full	19.58	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Left	19.74	/	/	21.24	/	/	<=30	Pass
		Inner_1RB_Right	19.99	/	/	21.49	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Edge_1RB_Left	16.65	/	/	18.15	/	/	<=30	Pass
		Edge_1RB_Right	16.94	/	/	18.44	/	/	<=30	Pass
		Outer_Full	16.73	/	/	18.23	/	/	<=30	Pass
		Inner_Full	16.66	/	/	18.16	/	/	<=30	Pass
		Inner_1RB_Left	16.67	/	/	18.17	/	/	<=30	Pass
		Inner_1RB_Right	16.92	/	/	18.42	/	/	<=30	Pass
Note1: Antenna Gain: Ant11: 1.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Field Strength of Spurious Radiation

NR N77a(3450-3550MHz) ANT11-Middle channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6910.0	-60.89	-13	-47.89	-66.99	4.91	11.01	Horizontal	Pass
10365.0	-56.37	-13	-43.37	-63.95	5.52	13.1	Horizontal	Pass
13820.0	-54.72	-13	-41.72	-62.89	6.21	14.38	Horizontal	Pass
6910.0	-41.74	-13	-28.74	-47.84	4.91	11.01	Vertical	Pass
10365.0	-54.95	-13	-41.95	-62.53	5.52	13.1	Vertical	Pass
13820.0	-54.35	-13	-41.35	-62.52	6.21	14.38	Vertical	Pass

NSA_7A_n77A 3450-3550-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6910.0	-50.02	-13	-37.02	-56.12	4.91	11.01	Horizontal	Pass
10365.0	-56.4	-13	-43.4	-63.98	5.52	13.1	Horizontal	Pass
13820.0	-54.72	-13	-41.72	-62.89	6.21	14.38	Horizontal	Pass
6910.0	-51.32	-13	-38.32	-57.42	4.91	11.01	Vertical	Pass
10365.0	-55.87	-13	-42.87	-63.45	5.52	13.1	Vertical	Pass
13820.0	-54.37	-13	-41.37	-62.54	6.21	14.38	Vertical	Pass