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 NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3455.01	Outer_Full	25.19	/	/	21.71	/	/	<=30	Pass
		Inner_Full	26.74	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Left	26.82	/	/	23.34	/	/	<=30	Pass
		Inner_1RB_Right	26.70	/	/	23.22	/	/	<=30	Pass
	3500.01	Outer_Full	25.21	/	/	21.73	/	/	<=30	Pass
		Inner_Full	26.72	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Left	26.68	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Right	26.67	/	/	23.19	/	/	<=30	Pass
	3544.98	Outer_Full	25.17	/	/	21.69	/	/	<=30	Pass
		Inner_Full	26.65	/	/	23.17	/	/	<=30	Pass
		Inner_1RB_Left	26.61	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Right	26.72	/	/	23.24	/	/	<=30	Pass
DFT-s-OFDM QPSK	3455.01	Outer_Full	25.09	/	/	21.61	/	/	<=30	Pass
		Inner_Full	26.49	/	/	23.01	/	/	<=30	Pass
		Inner_1RB_Left	26.61	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Right	26.53	/	/	23.05	/	/	<=30	Pass
	3500.01	Outer_Full	25.00	/	/	21.52	/	/	<=30	Pass
		Inner_Full	26.56	/	/	23.08	/	/	<=30	Pass
		Inner_1RB_Left	26.51	/	/	23.03	/	/	<=30	Pass
		Inner_1RB_Right	26.31	/	/	22.83	/	/	<=30	Pass
	3544.98	Outer_Full	24.96	/	/	21.48	/	/	<=30	Pass
		Inner_Full	26.43	/	/	22.95	/	/	<=30	Pass
		Inner_1RB_Left	26.16	/	/	22.68	/	/	<=30	Pass
		Inner_1RB_Right	26.41	/	/	22.93	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3455.01	Outer_Full	23.73	/	/	20.25	/	/	<=30	Pass
		Inner_Full	25.79	/	/	22.31	/	/	<=30	Pass
		Inner_1RB_Left	25.94	/	/	22.46	/	/	<=30	Pass
		Inner_1RB_Right	25.98	/	/	22.50	/	/	<=30	Pass
	3500.01	Outer_Full	23.74	/	/	20.26	/	/	<=30	Pass
		Inner_Full	25.79	/	/	22.31	/	/	<=30	Pass
		Inner_1RB_Left	25.68	/	/	22.20	/	/	<=30	Pass
		Inner_1RB_Right	25.80	/	/	22.32	/	/	<=30	Pass
	3544.98	Outer_Full	23.56	/	/	20.08	/	/	<=30	Pass
		Inner_Full	25.73	/	/	22.25	/	/	<=30	Pass
		Inner_1RB_Left	25.83	/	/	22.35	/	/	<=30	Pass
		Inner_1RB_Right	25.80	/	/	22.32	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3455.01	Outer_Full	23.05	/	/	19.57	/	/	<=30	Pass
		Inner_Full	23.64	/	/	20.16	/	/	<=30	Pass
		Inner_1RB_Left	23.76	/	/	20.28	/	/	<=30	Pass
		Inner_1RB_Right	23.75	/	/	20.27	/	/	<=30	Pass
	3500.01	Outer_Full	23.19	/	/	19.71	/	/	<=30	Pass
		Inner_Full	23.69	/	/	20.21	/	/	<=30	Pass
		Inner_1RB_Left	23.72	/	/	20.24	/	/	<=30	Pass
		Inner_1RB_Right	23.65	/	/	20.17	/	/	<=30	Pass
	3544.98	Outer_Full	23.00	/	/	19.52	/	/	<=30	Pass
		Inner_Full	23.68	/	/	20.20	/	/	<=30	Pass
		Inner_1RB_Left	23.66	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Right	23.81	/	/	20.33	/	/	<=30	Pass
DFT-s-OFDM 256	3455.01	Outer_Full	21.33	/	/	17.85	/	/	<=30	Pass

QAM		Inner_Full	21.30	/	/	17.82	/	/	<=30	Pass
		Inner_1RB_Left	21.65	/	/	18.17	/	/	<=30	Pass
		Inner_1RB_Right	21.49	/	/	18.01	/	/	<=30	Pass
	3500.01	Outer_Full	21.37	/	/	17.89	/	/	<=30	Pass
		Inner_Full	21.02	/	/	17.54	/	/	<=30	Pass
		Inner_1RB_Left	21.21	/	/	17.73	/	/	<=30	Pass
		Inner_1RB_Right	21.11	/	/	17.63	/	/	<=30	Pass
	3544.98	Outer_Full	21.16	/	/	17.68	/	/	<=30	Pass
		Inner_Full	21.10	/	/	17.62	/	/	<=30	Pass
		Inner_1RB_Left	21.29	/	/	17.81	/	/	<=30	Pass
		Inner_1RB_Right	21.12	/	/	17.64	/	/	<=30	Pass
CP-OFDM QPSK	3455.01	Outer_Full	22.60	/	/	19.12	/	/	<=30	Pass
		Inner_Full	25.20	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Left	25.15	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Right	25.17	/	/	21.69	/	/	<=30	Pass
	3500.01	Outer_Full	22.55	/	/	19.07	/	/	<=30	Pass
		Inner_Full	25.11	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Left	25.19	/	/	21.71	/	/	<=30	Pass
		Inner_1RB_Right	25.19	/	/	21.71	/	/	<=30	Pass
	3544.98	Outer_Full	22.53	/	/	19.05	/	/	<=30	Pass
		Inner_Full	25.21	/	/	21.73	/	/	<=30	Pass
		Inner_1RB_Left	25.03	/	/	21.55	/	/	<=30	Pass
		Inner_1RB_Right	25.20	/	/	21.72	/	/	<=30	Pass
CP-OFDM 16 QAM	3455.01	Outer_Full	22.71	/	/	19.23	/	/	<=30	Pass
		Inner_Full	24.82	/	/	21.34	/	/	<=30	Pass
		Inner_1RB_Left	24.84	/	/	21.36	/	/	<=30	Pass
		Inner_1RB_Right	24.85	/	/	21.37	/	/	<=30	Pass
	3500.01	Outer_Full	22.77	/	/	19.29	/	/	<=30	Pass
		Inner_Full	24.74	/	/	21.26	/	/	<=30	Pass
		Inner_1RB_Left	24.76	/	/	21.28	/	/	<=30	Pass
		Inner_1RB_Right	24.75	/	/	21.27	/	/	<=30	Pass
	3544.98	Outer_Full	22.59	/	/	19.11	/	/	<=30	Pass
		Inner_Full	24.65	/	/	21.17	/	/	<=30	Pass
		Inner_1RB_Left	24.81	/	/	21.33	/	/	<=30	Pass
		Inner_1RB_Right	24.93	/	/	21.45	/	/	<=30	Pass
CP-OFDM 64 QAM	3455.01	Outer_Full	22.02	/	/	18.54	/	/	<=30	Pass
		Inner_Full	22.63	/	/	19.15	/	/	<=30	Pass
		Inner_1RB_Left	22.79	/	/	19.31	/	/	<=30	Pass
		Inner_1RB_Right	22.76	/	/	19.28	/	/	<=30	Pass
	3500.01	Outer_Full	22.00	/	/	18.52	/	/	<=30	Pass
		Inner_Full	22.63	/	/	19.15	/	/	<=30	Pass
		Inner_1RB_Left	23.00	/	/	19.52	/	/	<=30	Pass
		Inner_1RB_Right	22.91	/	/	19.43	/	/	<=30	Pass
	3544.98	Outer_Full	22.00	/	/	18.52	/	/	<=30	Pass
		Inner_Full	22.59	/	/	19.11	/	/	<=30	Pass
		Inner_1RB_Left	22.51	/	/	19.03	/	/	<=30	Pass
		Inner_1RB_Right	22.81	/	/	19.33	/	/	<=30	Pass
CP-OFDM 256 QAM	3455.01	Outer_Full	19.20	/	/	15.72	/	/	<=30	Pass
		Inner_Full	19.03	/	/	15.55	/	/	<=30	Pass
		Inner_1RB_Left	19.39	/	/	15.91	/	/	<=30	Pass
		Inner_1RB_Right	19.41	/	/	15.93	/	/	<=30	Pass
	3500.01	Outer_Full	19.11	/	/	15.63	/	/	<=30	Pass
		Inner_Full	19.14	/	/	15.66	/	/	<=30	Pass
		Inner_1RB_Left	19.32	/	/	15.84	/	/	<=30	Pass
		Inner_1RB_Right	19.42	/	/	15.94	/	/	<=30	Pass
	3544.98	Outer_Full	18.94	/	/	15.46	/	/	<=30	Pass
		Inner_Full	18.91	/	/	15.43	/	/	<=30	Pass
		Inner_1RB_Left	18.90	/	/	15.42	/	/	<=30	Pass
		Inner_1RB_Right	19.14	/	/	15.66	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi;
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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3457.5	Outer_Full	25.26	/	/	21.78	/	/	<=30	Pass
		Inner_Full	26.70	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Left	26.76	/	/	23.28	/	/	<=30	Pass
		Inner_1RB_Right	26.71	/	/	23.23	/	/	<=30	Pass
	3500.01	Outer_Full	25.18	/	/	21.70	/	/	<=30	Pass
		Inner_Full	26.75	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Left	26.71	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Right	26.51	/	/	23.03	/	/	<=30	Pass
	3542.49	Outer_Full	25.16	/	/	21.68	/	/	<=30	Pass
		Inner_Full	26.57	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Left	26.35	/	/	22.87	/	/	<=30	Pass
		Inner_1RB_Right	26.59	/	/	23.11	/	/	<=30	Pass
DFT-s-OFDM QPSK	3457.5	Outer_Full	24.71	/	/	21.23	/	/	<=30	Pass
		Inner_Full	26.62	/	/	23.14	/	/	<=30	Pass
		Inner_1RB_Left	26.35	/	/	22.87	/	/	<=30	Pass
		Inner_1RB_Right	26.44	/	/	22.96	/	/	<=30	Pass
	3500.01	Outer_Full	24.74	/	/	21.26	/	/	<=30	Pass
		Inner_Full	26.65	/	/	23.17	/	/	<=30	Pass
		Inner_1RB_Left	26.48	/	/	23.00	/	/	<=30	Pass
		Inner_1RB_Right	26.62	/	/	23.14	/	/	<=30	Pass
	3542.49	Outer_Full	24.60	/	/	21.12	/	/	<=30	Pass
		Inner_Full	26.60	/	/	23.12	/	/	<=30	Pass
		Inner_1RB_Left	26.58	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Right	26.59	/	/	23.11	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3457.5	Outer_Full	23.32	/	/	19.84	/	/	<=30	Pass
		Inner_Full	25.70	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Left	25.97	/	/	22.49	/	/	<=30	Pass
		Inner_1RB_Right	25.90	/	/	22.42	/	/	<=30	Pass
	3500.01	Outer_Full	23.67	/	/	20.19	/	/	<=30	Pass
		Inner_Full	25.64	/	/	22.16	/	/	<=30	Pass
		Inner_1RB_Left	26.01	/	/	22.53	/	/	<=30	Pass
		Inner_1RB_Right	25.94	/	/	22.46	/	/	<=30	Pass
	3542.49	Outer_Full	23.61	/	/	20.13	/	/	<=30	Pass
		Inner_Full	25.68	/	/	22.20	/	/	<=30	Pass
		Inner_1RB_Left	25.76	/	/	22.28	/	/	<=30	Pass
		Inner_1RB_Right	25.95	/	/	22.47	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3457.5	Outer_Full	23.22	/	/	19.74	/	/	<=30	Pass
		Inner_Full	23.80	/	/	20.32	/	/	<=30	Pass
		Inner_1RB_Left	23.84	/	/	20.36	/	/	<=30	Pass
		Inner_1RB_Right	23.84	/	/	20.36	/	/	<=30	Pass
	3500.01	Outer_Full	23.24	/	/	19.76	/	/	<=30	Pass
		Inner_Full	23.84	/	/	20.36	/	/	<=30	Pass
		Inner_1RB_Left	23.76	/	/	20.28	/	/	<=30	Pass
		Inner_1RB_Right	23.52	/	/	20.04	/	/	<=30	Pass
	3542.49	Outer_Full	23.19	/	/	19.71	/	/	<=30	Pass
		Inner_Full	23.68	/	/	20.20	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Right	23.61	/	/	20.13	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3457.5	Outer_Full	21.53	/	/	18.05	/	/	<=30	Pass
		Inner_Full	21.67	/	/	18.19	/	/	<=30	Pass

		Inner_1RB_Left	21.65	/	/	18.17	/	/	<=30	Pass
		Inner_1RB_Right	21.71	/	/	18.23	/	/	<=30	Pass
	3500.01	Outer_Full	21.25	/	/	17.77	/	/	<=30	Pass
		Inner_Full	21.30	/	/	17.82	/	/	<=30	Pass
		Inner_1RB_Left	21.62	/	/	18.14	/	/	<=30	Pass
		Inner_1RB_Right	21.39	/	/	17.91	/	/	<=30	Pass
	3542.49	Outer_Full	21.38	/	/	17.90	/	/	<=30	Pass
		Inner_Full	21.37	/	/	17.89	/	/	<=30	Pass
		Inner_1RB_Left	21.32	/	/	17.84	/	/	<=30	Pass
		Inner_1RB_Right	21.57	/	/	18.09	/	/	<=30	Pass
CP-OFDM QPSK	3457.5	Outer_Full	22.77	/	/	19.29	/	/	<=30	Pass
		Inner_Full	25.30	/	/	21.82	/	/	<=30	Pass
		Inner_1RB_Left	25.31	/	/	21.83	/	/	<=30	Pass
		Inner_1RB_Right	25.12	/	/	21.64	/	/	<=30	Pass
	3500.01	Outer_Full	22.62	/	/	19.14	/	/	<=30	Pass
		Inner_Full	25.13	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Left	24.99	/	/	21.51	/	/	<=30	Pass
		Inner_1RB_Right	25.05	/	/	21.57	/	/	<=30	Pass
	3542.49	Outer_Full	22.60	/	/	19.12	/	/	<=30	Pass
		Inner_Full	25.04	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Left	25.12	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Right	25.05	/	/	21.57	/	/	<=30	Pass
CP-OFDM 16 QAM	3457.5	Outer_Full	22.77	/	/	19.29	/	/	<=30	Pass
		Inner_Full	24.65	/	/	21.17	/	/	<=30	Pass
		Inner_1RB_Left	25.03	/	/	21.55	/	/	<=30	Pass
		Inner_1RB_Right	24.76	/	/	21.28	/	/	<=30	Pass
	3500.01	Outer_Full	22.59	/	/	19.11	/	/	<=30	Pass
		Inner_Full	24.68	/	/	21.20	/	/	<=30	Pass
		Inner_1RB_Left	24.81	/	/	21.33	/	/	<=30	Pass
		Inner_1RB_Right	24.91	/	/	21.43	/	/	<=30	Pass
	3542.49	Outer_Full	22.58	/	/	19.10	/	/	<=30	Pass
		Inner_Full	24.57	/	/	21.09	/	/	<=30	Pass
		Inner_1RB_Left	24.82	/	/	21.34	/	/	<=30	Pass
		Inner_1RB_Right	24.81	/	/	21.33	/	/	<=30	Pass
CP-OFDM 64 QAM	3457.5	Outer_Full	21.91	/	/	18.43	/	/	<=30	Pass
		Inner_Full	22.64	/	/	19.16	/	/	<=30	Pass
		Inner_1RB_Left	22.83	/	/	19.35	/	/	<=30	Pass
		Inner_1RB_Right	22.69	/	/	19.21	/	/	<=30	Pass
	3500.01	Outer_Full	22.11	/	/	18.63	/	/	<=30	Pass
		Inner_Full	22.68	/	/	19.20	/	/	<=30	Pass
		Inner_1RB_Left	22.78	/	/	19.30	/	/	<=30	Pass
		Inner_1RB_Right	22.64	/	/	19.16	/	/	<=30	Pass
	3542.49	Outer_Full	22.06	/	/	18.58	/	/	<=30	Pass
		Inner_Full	22.73	/	/	19.25	/	/	<=30	Pass
		Inner_1RB_Left	22.64	/	/	19.16	/	/	<=30	Pass
		Inner_1RB_Right	22.73	/	/	19.25	/	/	<=30	Pass
CP-OFDM 256 QAM	3457.5	Outer_Full	19.10	/	/	15.62	/	/	<=30	Pass
		Inner_Full	19.32	/	/	15.84	/	/	<=30	Pass
		Inner_1RB_Left	19.40	/	/	15.92	/	/	<=30	Pass
		Inner_1RB_Right	19.34	/	/	15.86	/	/	<=30	Pass
	3500.01	Outer_Full	19.55	/	/	16.07	/	/	<=30	Pass
		Inner_Full	19.66	/	/	16.18	/	/	<=30	Pass
		Inner_1RB_Left	19.73	/	/	16.25	/	/	<=30	Pass
		Inner_1RB_Right	19.68	/	/	16.20	/	/	<=30	Pass
	3542.49	Outer_Full	19.47	/	/	15.99	/	/	<=30	Pass
		Inner_Full	19.29	/	/	15.81	/	/	<=30	Pass
		Inner_1RB_Left	19.34	/	/	15.86	/	/	<=30	Pass
		Inner_1RB_Right	19.53	/	/	16.05	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi;										

Note2: EIRP=Conducted Power+Antenna Gain

1.1.3 30k_SISO_20MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 20MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3460.02	Outer_Full	25.27	/	/	21.79	/	/	<=30	Pass
		Inner_Full	26.80	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Left	26.81	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Right	26.75	/	/	23.27	/	/	<=30	Pass
	3500.01	Outer_Full	25.23	/	/	21.75	/	/	<=30	Pass
		Inner_Full	26.75	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Left	26.68	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Right	26.78	/	/	23.30	/	/	<=30	Pass
	3540	Outer_Full	24.99	/	/	21.51	/	/	<=30	Pass
		Inner_Full	26.56	/	/	23.08	/	/	<=30	Pass
		Inner_1RB_Left	26.51	/	/	23.03	/	/	<=30	Pass
		Inner_1RB_Right	26.72	/	/	23.24	/	/	<=30	Pass
DFT-s-OFDM QPSK	3460.02	Outer_Full	24.62	/	/	21.14	/	/	<=30	Pass
		Inner_Full	26.75	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Left	26.80	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Right	26.65	/	/	23.17	/	/	<=30	Pass
	3500.01	Outer_Full	24.62	/	/	21.14	/	/	<=30	Pass
		Inner_Full	26.66	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Left	26.66	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Right	26.65	/	/	23.17	/	/	<=30	Pass
	3540	Outer_Full	24.60	/	/	21.12	/	/	<=30	Pass
		Inner_Full	26.55	/	/	23.07	/	/	<=30	Pass
		Inner_1RB_Left	26.53	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Right	26.61	/	/	23.13	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3460.02	Outer_Full	23.82	/	/	20.34	/	/	<=30	Pass
		Inner_Full	25.82	/	/	22.34	/	/	<=30	Pass
		Inner_1RB_Left	26.11	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Right	25.99	/	/	22.51	/	/	<=30	Pass
	3500.01	Outer_Full	23.88	/	/	20.40	/	/	<=30	Pass
		Inner_Full	25.70	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Left	26.10	/	/	22.62	/	/	<=30	Pass
		Inner_1RB_Right	26.07	/	/	22.59	/	/	<=30	Pass
	3540	Outer_Full	23.80	/	/	20.32	/	/	<=30	Pass
		Inner_Full	25.63	/	/	22.15	/	/	<=30	Pass
		Inner_1RB_Left	25.60	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Right	25.61	/	/	22.13	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3460.02	Outer_Full	23.29	/	/	19.81	/	/	<=30	Pass
		Inner_Full	23.84	/	/	20.36	/	/	<=30	Pass
		Inner_1RB_Left	24.01	/	/	20.53	/	/	<=30	Pass
		Inner_1RB_Right	23.83	/	/	20.35	/	/	<=30	Pass
	3500.01	Outer_Full	23.18	/	/	19.70	/	/	<=30	Pass
		Inner_Full	23.67	/	/	20.19	/	/	<=30	Pass
		Inner_1RB_Left	23.88	/	/	20.40	/	/	<=30	Pass
		Inner_1RB_Right	23.74	/	/	20.26	/	/	<=30	Pass
	3540	Outer_Full	23.06	/	/	19.58	/	/	<=30	Pass
		Inner_Full	23.41	/	/	19.93	/	/	<=30	Pass
		Inner_1RB_Left	23.78	/	/	20.30	/	/	<=30	Pass
		Inner_1RB_Right	23.86	/	/	20.38	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3460.02	Outer_Full	21.73	/	/	18.25	/	/	<=30	Pass
		Inner_Full	21.75	/	/	18.27	/	/	<=30	Pass

		Inner_1RB_Left	21.93	/	/	18.45	/	/	<=30	Pass
		Inner_1RB_Right	21.88	/	/	18.40	/	/	<=30	Pass
	3500.01	Outer_Full	21.72	/	/	18.24	/	/	<=30	Pass
		Inner_Full	21.65	/	/	18.17	/	/	<=30	Pass
		Inner_1RB_Left	21.97	/	/	18.49	/	/	<=30	Pass
		Inner_1RB_Right	21.69	/	/	18.21	/	/	<=30	Pass
	3540	Outer_Full	21.42	/	/	17.94	/	/	<=30	Pass
		Inner_Full	21.29	/	/	17.81	/	/	<=30	Pass
		Inner_1RB_Left	21.75	/	/	18.27	/	/	<=30	Pass
		Inner_1RB_Right	21.66	/	/	18.18	/	/	<=30	Pass
CP-OFDM QPSK	3460.02	Outer_Full	22.78	/	/	19.30	/	/	<=30	Pass
		Inner_Full	25.29	/	/	21.81	/	/	<=30	Pass
		Inner_1RB_Left	25.36	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Right	25.21	/	/	21.73	/	/	<=30	Pass
	3500.01	Outer_Full	22.67	/	/	19.19	/	/	<=30	Pass
		Inner_Full	25.07	/	/	21.59	/	/	<=30	Pass
		Inner_1RB_Left	25.27	/	/	21.79	/	/	<=30	Pass
		Inner_1RB_Right	25.22	/	/	21.74	/	/	<=30	Pass
	3540	Outer_Full	22.56	/	/	19.08	/	/	<=30	Pass
		Inner_Full	24.97	/	/	21.49	/	/	<=30	Pass
		Inner_1RB_Left	25.06	/	/	21.58	/	/	<=30	Pass
		Inner_1RB_Right	25.09	/	/	21.61	/	/	<=30	Pass
CP-OFDM 16 QAM	3460.02	Outer_Full	22.80	/	/	19.32	/	/	<=30	Pass
		Inner_Full	24.80	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Left	24.99	/	/	21.51	/	/	<=30	Pass
		Inner_1RB_Right	24.81	/	/	21.33	/	/	<=30	Pass
	3500.01	Outer_Full	22.61	/	/	19.13	/	/	<=30	Pass
		Inner_Full	24.76	/	/	21.28	/	/	<=30	Pass
		Inner_1RB_Left	24.95	/	/	21.47	/	/	<=30	Pass
		Inner_1RB_Right	24.81	/	/	21.33	/	/	<=30	Pass
	3540	Outer_Full	22.59	/	/	19.11	/	/	<=30	Pass
		Inner_Full	24.65	/	/	21.17	/	/	<=30	Pass
		Inner_1RB_Left	24.63	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Right	24.84	/	/	21.36	/	/	<=30	Pass
CP-OFDM 64 QAM	3460.02	Outer_Full	22.36	/	/	18.88	/	/	<=30	Pass
		Inner_Full	22.82	/	/	19.34	/	/	<=30	Pass
		Inner_1RB_Left	22.88	/	/	19.40	/	/	<=30	Pass
		Inner_1RB_Right	22.90	/	/	19.42	/	/	<=30	Pass
	3500.01	Outer_Full	22.21	/	/	18.73	/	/	<=30	Pass
		Inner_Full	22.55	/	/	19.07	/	/	<=30	Pass
		Inner_1RB_Left	22.72	/	/	19.24	/	/	<=30	Pass
		Inner_1RB_Right	22.85	/	/	19.37	/	/	<=30	Pass
	3540	Outer_Full	22.03	/	/	18.55	/	/	<=30	Pass
		Inner_Full	22.52	/	/	19.04	/	/	<=30	Pass
		Inner_1RB_Left	22.57	/	/	19.09	/	/	<=30	Pass
		Inner_1RB_Right	22.65	/	/	19.17	/	/	<=30	Pass
CP-OFDM 256 QAM	3460.02	Outer_Full	19.92	/	/	16.44	/	/	<=30	Pass
		Inner_Full	19.66	/	/	16.18	/	/	<=30	Pass
		Inner_1RB_Left	19.91	/	/	16.43	/	/	<=30	Pass
		Inner_1RB_Right	19.85	/	/	16.37	/	/	<=30	Pass
	3500.01	Outer_Full	19.64	/	/	16.16	/	/	<=30	Pass
		Inner_Full	19.60	/	/	16.12	/	/	<=30	Pass
		Inner_1RB_Left	20.07	/	/	16.59	/	/	<=30	Pass
		Inner_1RB_Right	19.72	/	/	16.24	/	/	<=30	Pass
	3540	Outer_Full	19.38	/	/	15.90	/	/	<=30	Pass
		Inner_Full	19.51	/	/	16.03	/	/	<=30	Pass
		Inner_1RB_Left	19.60	/	/	16.12	/	/	<=30	Pass
		Inner_1RB_Right	19.76	/	/	16.28	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi;										

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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3462.51	Outer_Full	25.19	/	/	21.71	/	/	<=30	Pass
		Inner_Full	26.72	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Left	26.96	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Right	26.83	/	/	23.35	/	/	<=30	Pass
	3500.01	Outer_Full	25.12	/	/	21.64	/	/	<=30	Pass
		Inner_Full	26.58	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Left	26.83	/	/	23.35	/	/	<=30	Pass
		Inner_1RB_Right	26.77	/	/	23.29	/	/	<=30	Pass
	3537.48	Outer_Full	24.96	/	/	21.48	/	/	<=30	Pass
		Inner_Full	26.38	/	/	22.90	/	/	<=30	Pass
		Inner_1RB_Left	26.59	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Right	26.65	/	/	23.17	/	/	<=30	Pass
DFT-s-OFDM QPSK	3462.51	Outer_Full	24.70	/	/	21.22	/	/	<=30	Pass
		Inner_Full	26.72	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Left	26.95	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Right	26.72	/	/	23.24	/	/	<=30	Pass
	3500.01	Outer_Full	24.64	/	/	21.16	/	/	<=30	Pass
		Inner_Full	26.58	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Left	26.80	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Right	26.75	/	/	23.27	/	/	<=30	Pass
	3537.48	Outer_Full	24.44	/	/	20.96	/	/	<=30	Pass
		Inner_Full	26.41	/	/	22.93	/	/	<=30	Pass
		Inner_1RB_Left	26.62	/	/	23.14	/	/	<=30	Pass
		Inner_1RB_Right	26.55	/	/	23.07	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3462.51	Outer_Full	23.75	/	/	20.27	/	/	<=30	Pass
		Inner_Full	25.74	/	/	22.26	/	/	<=30	Pass
		Inner_1RB_Left	26.08	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Right	26.05	/	/	22.57	/	/	<=30	Pass
	3500.01	Outer_Full	23.63	/	/	20.15	/	/	<=30	Pass
		Inner_Full	25.58	/	/	22.10	/	/	<=30	Pass
		Inner_1RB_Left	25.95	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Right	25.89	/	/	22.41	/	/	<=30	Pass
	3537.48	Outer_Full	23.19	/	/	19.71	/	/	<=30	Pass
		Inner_Full	25.38	/	/	21.90	/	/	<=30	Pass
		Inner_1RB_Left	25.80	/	/	22.32	/	/	<=30	Pass
		Inner_1RB_Right	25.87	/	/	22.39	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3462.51	Outer_Full	23.20	/	/	19.72	/	/	<=30	Pass
		Inner_Full	23.75	/	/	20.27	/	/	<=30	Pass
		Inner_1RB_Left	24.12	/	/	20.64	/	/	<=30	Pass
		Inner_1RB_Right	24.06	/	/	20.58	/	/	<=30	Pass
	3500.01	Outer_Full	23.10	/	/	19.62	/	/	<=30	Pass
		Inner_Full	23.58	/	/	20.10	/	/	<=30	Pass
		Inner_1RB_Left	24.05	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Right	24.11	/	/	20.63	/	/	<=30	Pass
	3537.48	Outer_Full	22.89	/	/	19.41	/	/	<=30	Pass
		Inner_Full	23.24	/	/	19.76	/	/	<=30	Pass
		Inner_1RB_Left	23.82	/	/	20.34	/	/	<=30	Pass
		Inner_1RB_Right	23.97	/	/	20.49	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3462.51	Outer_Full	21.32	/	/	17.84	/	/	<=30	Pass
		Inner_Full	21.30	/	/	17.82	/	/	<=30	Pass

		Inner_1RB_Left	21.60	/	/	18.12	/	/	<=30	Pass
		Inner_1RB_Right	21.71	/	/	18.23	/	/	<=30	Pass
	3500.01	Outer_Full	21.27	/	/	17.79	/	/	<=30	Pass
		Inner_Full	21.09	/	/	17.61	/	/	<=30	Pass
		Inner_1RB_Left	21.57	/	/	18.09	/	/	<=30	Pass
		Inner_1RB_Right	21.54	/	/	18.06	/	/	<=30	Pass
	3537.48	Outer_Full	21.19	/	/	17.71	/	/	<=30	Pass
		Inner_Full	21.13	/	/	17.65	/	/	<=30	Pass
		Inner_1RB_Left	21.50	/	/	18.02	/	/	<=30	Pass
		Inner_1RB_Right	21.80	/	/	18.32	/	/	<=30	Pass
CP-OFDM QPSK	3462.51	Outer_Full	22.67	/	/	19.19	/	/	<=30	Pass
		Inner_Full	25.23	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Left	25.50	/	/	22.02	/	/	<=30	Pass
		Inner_1RB_Right	25.40	/	/	21.92	/	/	<=30	Pass
	3500.01	Outer_Full	22.48	/	/	19.00	/	/	<=30	Pass
		Inner_Full	25.04	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Left	25.37	/	/	21.89	/	/	<=30	Pass
		Inner_1RB_Right	25.31	/	/	21.83	/	/	<=30	Pass
	3537.48	Outer_Full	22.32	/	/	18.84	/	/	<=30	Pass
		Inner_Full	24.83	/	/	21.35	/	/	<=30	Pass
		Inner_1RB_Left	24.96	/	/	21.48	/	/	<=30	Pass
		Inner_1RB_Right	25.16	/	/	21.68	/	/	<=30	Pass
CP-OFDM 16 QAM	3462.51	Outer_Full	22.70	/	/	19.22	/	/	<=30	Pass
		Inner_Full	24.63	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Left	25.23	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Right	25.09	/	/	21.61	/	/	<=30	Pass
	3500.01	Outer_Full	22.52	/	/	19.04	/	/	<=30	Pass
		Inner_Full	24.69	/	/	21.21	/	/	<=30	Pass
		Inner_1RB_Left	25.11	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Right	25.02	/	/	21.54	/	/	<=30	Pass
	3537.48	Outer_Full	22.33	/	/	18.85	/	/	<=30	Pass
		Inner_Full	24.35	/	/	20.87	/	/	<=30	Pass
		Inner_1RB_Left	24.84	/	/	21.36	/	/	<=30	Pass
		Inner_1RB_Right	25.01	/	/	21.53	/	/	<=30	Pass
CP-OFDM 64 QAM	3462.51	Outer_Full	22.48	/	/	19.00	/	/	<=30	Pass
		Inner_Full	22.74	/	/	19.26	/	/	<=30	Pass
		Inner_1RB_Left	23.32	/	/	19.84	/	/	<=30	Pass
		Inner_1RB_Right	23.27	/	/	19.79	/	/	<=30	Pass
	3500.01	Outer_Full	22.29	/	/	18.81	/	/	<=30	Pass
		Inner_Full	22.61	/	/	19.13	/	/	<=30	Pass
		Inner_1RB_Left	23.08	/	/	19.60	/	/	<=30	Pass
		Inner_1RB_Right	23.01	/	/	19.53	/	/	<=30	Pass
	3537.48	Outer_Full	22.18	/	/	18.70	/	/	<=30	Pass
		Inner_Full	22.30	/	/	18.82	/	/	<=30	Pass
		Inner_1RB_Left	22.79	/	/	19.31	/	/	<=30	Pass
		Inner_1RB_Right	22.83	/	/	19.35	/	/	<=30	Pass
CP-OFDM 256 QAM	3462.51	Outer_Full	19.38	/	/	15.90	/	/	<=30	Pass
		Inner_Full	19.33	/	/	15.85	/	/	<=30	Pass
		Inner_1RB_Left	19.63	/	/	16.15	/	/	<=30	Pass
		Inner_1RB_Right	19.70	/	/	16.22	/	/	<=30	Pass
	3500.01	Outer_Full	19.20	/	/	15.72	/	/	<=30	Pass
		Inner_Full	19.10	/	/	15.62	/	/	<=30	Pass
		Inner_1RB_Left	19.59	/	/	16.11	/	/	<=30	Pass
		Inner_1RB_Right	19.49	/	/	16.01	/	/	<=30	Pass
	3537.48	Outer_Full	19.04	/	/	15.56	/	/	<=30	Pass
		Inner_Full	18.99	/	/	15.51	/	/	<=30	Pass
		Inner_1RB_Left	19.71	/	/	16.23	/	/	<=30	Pass
		Inner_1RB_Right	19.47	/	/	15.99	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi;										

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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3465	Outer_Full	25.27	/	/	21.79	/	/	<=30	Pass
		Inner_Full	26.79	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Left	26.75	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Right	26.67	/	/	23.19	/	/	<=30	Pass
	3500.01	Outer_Full	25.10	/	/	21.62	/	/	<=30	Pass
		Inner_Full	26.63	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Left	26.78	/	/	23.30	/	/	<=30	Pass
		Inner_1RB_Right	26.74	/	/	23.26	/	/	<=30	Pass
	3534.99	Outer_Full	24.93	/	/	21.45	/	/	<=30	Pass
		Inner_Full	26.53	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Left	26.65	/	/	23.17	/	/	<=30	Pass
		Inner_1RB_Right	26.64	/	/	23.16	/	/	<=30	Pass
DFT-s-OFDM QPSK	3465	Outer_Full	24.73	/	/	21.25	/	/	<=30	Pass
		Inner_Full	26.69	/	/	23.21	/	/	<=30	Pass
		Inner_1RB_Left	26.79	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Right	26.68	/	/	23.20	/	/	<=30	Pass
	3500.01	Outer_Full	24.68	/	/	21.20	/	/	<=30	Pass
		Inner_Full	26.59	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Left	26.71	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Right	26.61	/	/	23.13	/	/	<=30	Pass
	3534.99	Outer_Full	24.63	/	/	21.15	/	/	<=30	Pass
		Inner_Full	26.57	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Left	26.68	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Right	26.56	/	/	23.08	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3465	Outer_Full	23.71	/	/	20.23	/	/	<=30	Pass
		Inner_Full	25.73	/	/	22.25	/	/	<=30	Pass
		Inner_1RB_Left	25.96	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Right	25.69	/	/	22.21	/	/	<=30	Pass
	3500.01	Outer_Full	23.75	/	/	20.27	/	/	<=30	Pass
		Inner_Full	25.59	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Left	25.72	/	/	22.24	/	/	<=30	Pass
		Inner_1RB_Right	25.66	/	/	22.18	/	/	<=30	Pass
	3534.99	Outer_Full	23.53	/	/	20.05	/	/	<=30	Pass
		Inner_Full	25.51	/	/	22.03	/	/	<=30	Pass
		Inner_1RB_Left	25.70	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Right	25.56	/	/	22.08	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3465	Outer_Full	23.33	/	/	19.85	/	/	<=30	Pass
		Inner_Full	23.69	/	/	20.21	/	/	<=30	Pass
		Inner_1RB_Left	23.97	/	/	20.49	/	/	<=30	Pass
		Inner_1RB_Right	23.92	/	/	20.44	/	/	<=30	Pass
	3500.01	Outer_Full	23.21	/	/	19.73	/	/	<=30	Pass
		Inner_Full	23.82	/	/	20.34	/	/	<=30	Pass
		Inner_1RB_Left	24.03	/	/	20.55	/	/	<=30	Pass
		Inner_1RB_Right	24.01	/	/	20.53	/	/	<=30	Pass
	3534.99	Outer_Full	23.10	/	/	19.62	/	/	<=30	Pass
		Inner_Full	23.49	/	/	20.01	/	/	<=30	Pass
		Inner_1RB_Left	23.89	/	/	20.41	/	/	<=30	Pass
		Inner_1RB_Right	23.87	/	/	20.39	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3465	Outer_Full	20.79	/	/	17.31	/	/	<=30	Pass
		Inner_Full	20.75	/	/	17.27	/	/	<=30	Pass

		Inner_1RB_Left	21.11	/	/	17.63	/	/	<=30	Pass
		Inner_1RB_Right	20.80	/	/	17.32	/	/	<=30	Pass
	3500.01	Outer_Full	20.95	/	/	17.47	/	/	<=30	Pass
		Inner_Full	20.96	/	/	17.48	/	/	<=30	Pass
		Inner_1RB_Left	20.90	/	/	17.42	/	/	<=30	Pass
		Inner_1RB_Right	21.07	/	/	17.59	/	/	<=30	Pass
	3534.99	Outer_Full	21.22	/	/	17.74	/	/	<=30	Pass
		Inner_Full	21.28	/	/	17.80	/	/	<=30	Pass
		Inner_1RB_Left	21.31	/	/	17.83	/	/	<=30	Pass
		Inner_1RB_Right	21.38	/	/	17.90	/	/	<=30	Pass
CP-OFDM QPSK	3465	Outer_Full	22.81	/	/	19.33	/	/	<=30	Pass
		Inner_Full	25.32	/	/	21.84	/	/	<=30	Pass
		Inner_1RB_Left	25.32	/	/	21.84	/	/	<=30	Pass
		Inner_1RB_Right	25.30	/	/	21.82	/	/	<=30	Pass
	3500.01	Outer_Full	22.71	/	/	19.23	/	/	<=30	Pass
		Inner_Full	25.23	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Left	25.32	/	/	21.84	/	/	<=30	Pass
		Inner_1RB_Right	25.21	/	/	21.73	/	/	<=30	Pass
	3534.99	Outer_Full	22.61	/	/	19.13	/	/	<=30	Pass
		Inner_Full	25.04	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Left	25.36	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Right	25.15	/	/	21.67	/	/	<=30	Pass
CP-OFDM 16 QAM	3465	Outer_Full	22.69	/	/	19.21	/	/	<=30	Pass
		Inner_Full	24.87	/	/	21.39	/	/	<=30	Pass
		Inner_1RB_Left	24.86	/	/	21.38	/	/	<=30	Pass
		Inner_1RB_Right	24.83	/	/	21.35	/	/	<=30	Pass
	3500.01	Outer_Full	22.70	/	/	19.22	/	/	<=30	Pass
		Inner_Full	24.67	/	/	21.19	/	/	<=30	Pass
		Inner_1RB_Left	24.99	/	/	21.51	/	/	<=30	Pass
		Inner_1RB_Right	24.89	/	/	21.41	/	/	<=30	Pass
	3534.99	Outer_Full	22.55	/	/	19.07	/	/	<=30	Pass
		Inner_Full	24.54	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Left	24.68	/	/	21.20	/	/	<=30	Pass
		Inner_1RB_Right	24.70	/	/	21.22	/	/	<=30	Pass
CP-OFDM 64 QAM	3465	Outer_Full	21.98	/	/	18.50	/	/	<=30	Pass
		Inner_Full	22.71	/	/	19.23	/	/	<=30	Pass
		Inner_1RB_Left	22.92	/	/	19.44	/	/	<=30	Pass
		Inner_1RB_Right	22.87	/	/	19.39	/	/	<=30	Pass
	3500.01	Outer_Full	22.16	/	/	18.68	/	/	<=30	Pass
		Inner_Full	22.68	/	/	19.20	/	/	<=30	Pass
		Inner_1RB_Left	23.04	/	/	19.56	/	/	<=30	Pass
		Inner_1RB_Right	22.97	/	/	19.49	/	/	<=30	Pass
	3534.99	Outer_Full	22.29	/	/	18.81	/	/	<=30	Pass
		Inner_Full	22.59	/	/	19.11	/	/	<=30	Pass
		Inner_1RB_Left	22.90	/	/	19.42	/	/	<=30	Pass
		Inner_1RB_Right	22.69	/	/	19.21	/	/	<=30	Pass
CP-OFDM 256 QAM	3465	Outer_Full	19.11	/	/	15.63	/	/	<=30	Pass
		Inner_Full	19.04	/	/	15.56	/	/	<=30	Pass
		Inner_1RB_Left	18.96	/	/	15.48	/	/	<=30	Pass
		Inner_1RB_Right	18.90	/	/	15.42	/	/	<=30	Pass
	3500.01	Outer_Full	19.04	/	/	15.56	/	/	<=30	Pass
		Inner_Full	19.05	/	/	15.57	/	/	<=30	Pass
		Inner_1RB_Left	19.01	/	/	15.53	/	/	<=30	Pass
		Inner_1RB_Right	19.44	/	/	15.96	/	/	<=30	Pass
	3534.99	Outer_Full	19.26	/	/	15.78	/	/	<=30	Pass
		Inner_Full	19.26	/	/	15.78	/	/	<=30	Pass
		Inner_1RB_Left	19.42	/	/	15.94	/	/	<=30	Pass
		Inner_1RB_Right	19.28	/	/	15.80	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi;										

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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3470.01	Outer_Full	25.25	/	/	21.77	/	/	<=30	Pass
		Inner_Full	26.82	/	/	23.34	/	/	<=30	Pass
		Inner_1RB_Left	26.91	/	/	23.43	/	/	<=30	Pass
		Inner_1RB_Right	26.83	/	/	23.35	/	/	<=30	Pass
	3500.01	Outer_Full	25.25	/	/	21.77	/	/	<=30	Pass
		Inner_Full	26.70	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Left	26.75	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Right	26.68	/	/	23.20	/	/	<=30	Pass
	3529.98	Outer_Full	25.02	/	/	21.54	/	/	<=30	Pass
		Inner_Full	26.51	/	/	23.03	/	/	<=30	Pass
		Inner_1RB_Left	26.77	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Right	26.58	/	/	23.10	/	/	<=30	Pass
DFT-s-OFDM QPSK	3470.01	Outer_Full	24.73	/	/	21.25	/	/	<=30	Pass
		Inner_Full	26.79	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Left	26.89	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Right	26.74	/	/	23.26	/	/	<=30	Pass
	3500.01	Outer_Full	24.78	/	/	21.30	/	/	<=30	Pass
		Inner_Full	26.69	/	/	23.21	/	/	<=30	Pass
		Inner_1RB_Left	26.77	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Right	26.62	/	/	23.14	/	/	<=30	Pass
	3529.98	Outer_Full	24.66	/	/	21.18	/	/	<=30	Pass
		Inner_Full	26.72	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Left	26.73	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Right	26.79	/	/	23.31	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3470.01	Outer_Full	23.77	/	/	20.29	/	/	<=30	Pass
		Inner_Full	25.70	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Left	25.89	/	/	22.41	/	/	<=30	Pass
		Inner_1RB_Right	25.80	/	/	22.32	/	/	<=30	Pass
	3500.01	Outer_Full	23.73	/	/	20.25	/	/	<=30	Pass
		Inner_Full	25.78	/	/	22.30	/	/	<=30	Pass
		Inner_1RB_Left	25.79	/	/	22.31	/	/	<=30	Pass
		Inner_1RB_Right	25.74	/	/	22.26	/	/	<=30	Pass
	3529.98	Outer_Full	23.72	/	/	20.24	/	/	<=30	Pass
		Inner_Full	25.74	/	/	22.26	/	/	<=30	Pass
		Inner_1RB_Left	25.79	/	/	22.31	/	/	<=30	Pass
		Inner_1RB_Right	25.70	/	/	22.22	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3470.01	Outer_Full	23.25	/	/	19.77	/	/	<=30	Pass
		Inner_Full	23.70	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Left	24.25	/	/	20.77	/	/	<=30	Pass
		Inner_1RB_Right	24.05	/	/	20.57	/	/	<=30	Pass
	3500.01	Outer_Full	23.18	/	/	19.70	/	/	<=30	Pass
		Inner_Full	23.67	/	/	20.19	/	/	<=30	Pass
		Inner_1RB_Left	24.21	/	/	20.73	/	/	<=30	Pass
		Inner_1RB_Right	23.91	/	/	20.43	/	/	<=30	Pass
	3529.98	Outer_Full	23.14	/	/	19.66	/	/	<=30	Pass
		Inner_Full	23.48	/	/	20.00	/	/	<=30	Pass
		Inner_1RB_Left	24.03	/	/	20.55	/	/	<=30	Pass
		Inner_1RB_Right	23.74	/	/	20.26	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3470.01	Outer_Full	21.40	/	/	17.92	/	/	<=30	Pass
		Inner_Full	21.40	/	/	17.92	/	/	<=30	Pass

		Inner_1RB_Left	21.71	/	/	18.23	/	/	<=30	Pass
		Inner_1RB_Right	21.42	/	/	17.94	/	/	<=30	Pass
	3500.01	Outer_Full	21.54	/	/	18.06	/	/	<=30	Pass
		Inner_Full	21.49	/	/	18.01	/	/	<=30	Pass
		Inner_1RB_Left	21.68	/	/	18.20	/	/	<=30	Pass
		Inner_1RB_Right	21.50	/	/	18.02	/	/	<=30	Pass
	3529.98	Outer_Full	21.27	/	/	17.79	/	/	<=30	Pass
		Inner_Full	20.99	/	/	17.51	/	/	<=30	Pass
		Inner_1RB_Left	21.01	/	/	17.53	/	/	<=30	Pass
		Inner_1RB_Right	21.15	/	/	17.67	/	/	<=30	Pass
CP-OFDM QPSK	3470.01	Outer_Full	22.77	/	/	19.29	/	/	<=30	Pass
		Inner_Full	25.20	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Left	25.49	/	/	22.01	/	/	<=30	Pass
		Inner_1RB_Right	25.42	/	/	21.94	/	/	<=30	Pass
	3500.01	Outer_Full	22.63	/	/	19.15	/	/	<=30	Pass
		Inner_Full	25.14	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Left	25.35	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Right	25.30	/	/	21.82	/	/	<=30	Pass
	3529.98	Outer_Full	22.59	/	/	19.11	/	/	<=30	Pass
		Inner_Full	25.00	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Left	25.43	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Right	25.33	/	/	21.85	/	/	<=30	Pass
CP-OFDM 16 QAM	3470.01	Outer_Full	22.68	/	/	19.20	/	/	<=30	Pass
		Inner_Full	24.77	/	/	21.29	/	/	<=30	Pass
		Inner_1RB_Left	25.14	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Right	24.76	/	/	21.28	/	/	<=30	Pass
	3500.01	Outer_Full	22.62	/	/	19.14	/	/	<=30	Pass
		Inner_Full	24.59	/	/	21.11	/	/	<=30	Pass
		Inner_1RB_Left	24.95	/	/	21.47	/	/	<=30	Pass
		Inner_1RB_Right	24.70	/	/	21.22	/	/	<=30	Pass
	3529.98	Outer_Full	22.49	/	/	19.01	/	/	<=30	Pass
		Inner_Full	24.53	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Left	24.69	/	/	21.21	/	/	<=30	Pass
		Inner_1RB_Right	24.46	/	/	20.98	/	/	<=30	Pass
CP-OFDM 64 QAM	3470.01	Outer_Full	22.38	/	/	18.90	/	/	<=30	Pass
		Inner_Full	22.79	/	/	19.31	/	/	<=30	Pass
		Inner_1RB_Left	23.30	/	/	19.82	/	/	<=30	Pass
		Inner_1RB_Right	23.19	/	/	19.71	/	/	<=30	Pass
	3500.01	Outer_Full	22.72	/	/	19.24	/	/	<=30	Pass
		Inner_Full	22.74	/	/	19.26	/	/	<=30	Pass
		Inner_1RB_Left	23.30	/	/	19.82	/	/	<=30	Pass
		Inner_1RB_Right	23.15	/	/	19.67	/	/	<=30	Pass
	3529.98	Outer_Full	21.99	/	/	18.51	/	/	<=30	Pass
		Inner_Full	22.54	/	/	19.06	/	/	<=30	Pass
		Inner_1RB_Left	22.69	/	/	19.21	/	/	<=30	Pass
		Inner_1RB_Right	22.55	/	/	19.07	/	/	<=30	Pass
CP-OFDM 256 QAM	3470.01	Outer_Full	19.53	/	/	16.05	/	/	<=30	Pass
		Inner_Full	19.17	/	/	15.69	/	/	<=30	Pass
		Inner_1RB_Left	19.47	/	/	15.99	/	/	<=30	Pass
		Inner_1RB_Right	19.40	/	/	15.92	/	/	<=30	Pass
	3500.01	Outer_Full	19.47	/	/	15.99	/	/	<=30	Pass
		Inner_Full	19.33	/	/	15.85	/	/	<=30	Pass
		Inner_1RB_Left	19.63	/	/	16.15	/	/	<=30	Pass
		Inner_1RB_Right	19.25	/	/	15.77	/	/	<=30	Pass
	3529.98	Outer_Full	18.89	/	/	15.41	/	/	<=30	Pass
		Inner_Full	19.19	/	/	15.71	/	/	<=30	Pass
		Inner_1RB_Left	19.21	/	/	15.73	/	/	<=30	Pass
		Inner_1RB_Right	19.28	/	/	15.80	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi;										

Note2: EIRP=Conducted Power+Antenna Gain

1.1.7 30k_SISO_50MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 50MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3475.02	Outer_Full	25.18	/	/	21.70	/	/	<=30	Pass
		Inner_Full	26.62	/	/	23.14	/	/	<=30	Pass
		Inner_1RB_Left	26.85	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Right	26.61	/	/	23.13	/	/	<=30	Pass
	3500.01	Outer_Full	25.17	/	/	21.69	/	/	<=30	Pass
		Inner_Full	26.70	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Left	26.69	/	/	23.21	/	/	<=30	Pass
		Inner_1RB_Right	26.59	/	/	23.11	/	/	<=30	Pass
	3525	Outer_Full	25.04	/	/	21.56	/	/	<=30	Pass
		Inner_Full	26.61	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Left	26.58	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Right	26.50	/	/	23.02	/	/	<=30	Pass
DFT-s-OFDM QPSK	3475.02	Outer_Full	24.79	/	/	21.31	/	/	<=30	Pass
		Inner_Full	26.81	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Left	26.78	/	/	23.30	/	/	<=30	Pass
		Inner_1RB_Right	26.61	/	/	23.13	/	/	<=30	Pass
	3500.01	Outer_Full	24.71	/	/	21.23	/	/	<=30	Pass
		Inner_Full	26.67	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Left	26.89	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Right	26.73	/	/	23.25	/	/	<=30	Pass
	3525	Outer_Full	24.81	/	/	21.33	/	/	<=30	Pass
		Inner_Full	26.72	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Left	26.77	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Right	26.79	/	/	23.31	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3475.02	Outer_Full	23.70	/	/	20.22	/	/	<=30	Pass
		Inner_Full	25.87	/	/	22.39	/	/	<=30	Pass
		Inner_1RB_Left	26.00	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Right	25.70	/	/	22.22	/	/	<=30	Pass
	3500.01	Outer_Full	23.75	/	/	20.27	/	/	<=30	Pass
		Inner_Full	25.82	/	/	22.34	/	/	<=30	Pass
		Inner_1RB_Left	25.94	/	/	22.46	/	/	<=30	Pass
		Inner_1RB_Right	25.68	/	/	22.20	/	/	<=30	Pass
	3525	Outer_Full	23.72	/	/	20.24	/	/	<=30	Pass
		Inner_Full	25.69	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Left	25.82	/	/	22.34	/	/	<=30	Pass
		Inner_1RB_Right	25.75	/	/	22.27	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3475.02	Outer_Full	23.24	/	/	19.76	/	/	<=30	Pass
		Inner_Full	23.70	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Left	23.78	/	/	20.30	/	/	<=30	Pass
		Inner_1RB_Right	23.81	/	/	20.33	/	/	<=30	Pass
	3500.01	Outer_Full	23.23	/	/	19.75	/	/	<=30	Pass
		Inner_Full	23.62	/	/	20.14	/	/	<=30	Pass
		Inner_1RB_Left	23.85	/	/	20.37	/	/	<=30	Pass
		Inner_1RB_Right	23.64	/	/	20.16	/	/	<=30	Pass
	3525	Outer_Full	23.03	/	/	19.55	/	/	<=30	Pass
		Inner_Full	23.55	/	/	20.07	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	20.29	/	/	<=30	Pass
		Inner_1RB_Right	23.44	/	/	19.96	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3475.02	Outer_Full	21.45	/	/	17.97	/	/	<=30	Pass
		Inner_Full	21.55	/	/	18.07	/	/	<=30	Pass

		Inner_1RB_Left	21.31	/	/	17.83	/	/	<=30	Pass
		Inner_1RB_Right	21.19	/	/	17.71	/	/	<=30	Pass
	3500.01	Outer_Full	21.35	/	/	17.87	/	/	<=30	Pass
		Inner_Full	21.35	/	/	17.87	/	/	<=30	Pass
		Inner_1RB_Left	21.53	/	/	18.05	/	/	<=30	Pass
		Inner_1RB_Right	21.19	/	/	17.71	/	/	<=30	Pass
	3525	Outer_Full	20.97	/	/	17.49	/	/	<=30	Pass
		Inner_Full	20.81	/	/	17.33	/	/	<=30	Pass
		Inner_1RB_Left	20.80	/	/	17.32	/	/	<=30	Pass
		Inner_1RB_Right	20.80	/	/	17.32	/	/	<=30	Pass
CP-OFDM QPSK	3475.02	Outer_Full	22.69	/	/	19.21	/	/	<=30	Pass
		Inner_Full	25.19	/	/	21.71	/	/	<=30	Pass
		Inner_1RB_Left	25.52	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Right	25.29	/	/	21.81	/	/	<=30	Pass
	3500.01	Outer_Full	22.59	/	/	19.11	/	/	<=30	Pass
		Inner_Full	25.20	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Left	25.35	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Right	25.29	/	/	21.81	/	/	<=30	Pass
	3525	Outer_Full	22.53	/	/	19.05	/	/	<=30	Pass
		Inner_Full	25.03	/	/	21.55	/	/	<=30	Pass
		Inner_1RB_Left	25.10	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Right	25.18	/	/	21.70	/	/	<=30	Pass
CP-OFDM 16 QAM	3475.02	Outer_Full	22.67	/	/	19.19	/	/	<=30	Pass
		Inner_Full	24.73	/	/	21.25	/	/	<=30	Pass
		Inner_1RB_Left	24.62	/	/	21.14	/	/	<=30	Pass
		Inner_1RB_Right	24.35	/	/	20.87	/	/	<=30	Pass
	3500.01	Outer_Full	22.75	/	/	19.27	/	/	<=30	Pass
		Inner_Full	24.73	/	/	21.25	/	/	<=30	Pass
		Inner_1RB_Left	24.88	/	/	21.40	/	/	<=30	Pass
		Inner_1RB_Right	24.82	/	/	21.34	/	/	<=30	Pass
	3525	Outer_Full	22.54	/	/	19.06	/	/	<=30	Pass
		Inner_Full	24.50	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Left	24.43	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Right	24.23	/	/	20.75	/	/	<=30	Pass
CP-OFDM 64 QAM	3475.02	Outer_Full	22.45	/	/	18.97	/	/	<=30	Pass
		Inner_Full	22.69	/	/	19.21	/	/	<=30	Pass
		Inner_1RB_Left	22.74	/	/	19.26	/	/	<=30	Pass
		Inner_1RB_Right	22.52	/	/	19.04	/	/	<=30	Pass
	3500.01	Outer_Full	22.45	/	/	18.97	/	/	<=30	Pass
		Inner_Full	22.69	/	/	19.21	/	/	<=30	Pass
		Inner_1RB_Left	22.68	/	/	19.20	/	/	<=30	Pass
		Inner_1RB_Right	22.59	/	/	19.11	/	/	<=30	Pass
	3525	Outer_Full	22.19	/	/	18.71	/	/	<=30	Pass
		Inner_Full	22.48	/	/	19.00	/	/	<=30	Pass
		Inner_1RB_Left	22.60	/	/	19.12	/	/	<=30	Pass
		Inner_1RB_Right	22.48	/	/	19.00	/	/	<=30	Pass
CP-OFDM 256 QAM	3475.02	Outer_Full	19.48	/	/	16.00	/	/	<=30	Pass
		Inner_Full	19.45	/	/	15.97	/	/	<=30	Pass
		Inner_1RB_Left	19.05	/	/	15.57	/	/	<=30	Pass
		Inner_1RB_Right	18.99	/	/	15.51	/	/	<=30	Pass
	3500.01	Outer_Full	19.45	/	/	15.97	/	/	<=30	Pass
		Inner_Full	19.50	/	/	16.02	/	/	<=30	Pass
		Inner_1RB_Left	19.27	/	/	15.79	/	/	<=30	Pass
		Inner_1RB_Right	19.20	/	/	15.72	/	/	<=30	Pass
	3525	Outer_Full	18.99	/	/	15.51	/	/	<=30	Pass
		Inner_Full	19.14	/	/	15.66	/	/	<=30	Pass
		Inner_1RB_Left	19.10	/	/	15.62	/	/	<=30	Pass
		Inner_1RB_Right	18.99	/	/	15.51	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi;										

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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3480	Outer_Full	25.30	/	/	21.82	/	/	<=30	Pass
		Inner_Full	26.84	/	/	23.36	/	/	<=30	Pass
		Inner_1RB_Left	26.82	/	/	23.34	/	/	<=30	Pass
		Inner_1RB_Right	26.60	/	/	23.12	/	/	<=30	Pass
	3500.01	Outer_Full	25.18	/	/	21.70	/	/	<=30	Pass
		Inner_Full	26.75	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Left	26.74	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Right	26.40	/	/	22.92	/	/	<=30	Pass
	3519.99	Outer_Full	25.05	/	/	21.57	/	/	<=30	Pass
		Inner_Full	26.50	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Left	26.62	/	/	23.14	/	/	<=30	Pass
		Inner_1RB_Right	26.45	/	/	22.97	/	/	<=30	Pass
DFT-s-OFDM QPSK	3480	Outer_Full	24.64	/	/	21.16	/	/	<=30	Pass
		Inner_Full	26.80	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Left	26.64	/	/	23.16	/	/	<=30	Pass
		Inner_1RB_Right	26.59	/	/	23.11	/	/	<=30	Pass
	3500.01	Outer_Full	24.70	/	/	21.22	/	/	<=30	Pass
		Inner_Full	26.70	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Left	26.70	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Right	26.36	/	/	22.88	/	/	<=30	Pass
	3519.99	Outer_Full	24.54	/	/	21.06	/	/	<=30	Pass
		Inner_Full	26.60	/	/	23.12	/	/	<=30	Pass
		Inner_1RB_Left	26.52	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Right	26.49	/	/	23.01	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3480	Outer_Full	23.77	/	/	20.29	/	/	<=30	Pass
		Inner_Full	25.78	/	/	22.30	/	/	<=30	Pass
		Inner_1RB_Left	25.93	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Right	25.72	/	/	22.24	/	/	<=30	Pass
	3500.01	Outer_Full	23.78	/	/	20.30	/	/	<=30	Pass
		Inner_Full	25.78	/	/	22.30	/	/	<=30	Pass
		Inner_1RB_Left	25.73	/	/	22.25	/	/	<=30	Pass
		Inner_1RB_Right	25.46	/	/	21.98	/	/	<=30	Pass
	3519.99	Outer_Full	23.50	/	/	20.02	/	/	<=30	Pass
		Inner_Full	25.69	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Left	25.71	/	/	22.23	/	/	<=30	Pass
		Inner_1RB_Right	25.59	/	/	22.11	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3480	Outer_Full	23.25	/	/	19.77	/	/	<=30	Pass
		Inner_Full	23.81	/	/	20.33	/	/	<=30	Pass
		Inner_1RB_Left	23.94	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Right	23.73	/	/	20.25	/	/	<=30	Pass
	3500.01	Outer_Full	23.17	/	/	19.69	/	/	<=30	Pass
		Inner_Full	23.74	/	/	20.26	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	20.29	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	20.01	/	/	<=30	Pass
	3519.99	Outer_Full	23.00	/	/	19.52	/	/	<=30	Pass
		Inner_Full	23.62	/	/	20.14	/	/	<=30	Pass
		Inner_1RB_Left	23.88	/	/	20.40	/	/	<=30	Pass
		Inner_1RB_Right	23.59	/	/	20.11	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3480	Outer_Full	20.76	/	/	17.28	/	/	<=30	Pass
		Inner_Full	21.02	/	/	17.54	/	/	<=30	Pass

		Inner_1RB_Left	20.81	/	/	17.33	/	/	<=30	Pass
		Inner_1RB_Right	20.65	/	/	17.17	/	/	<=30	Pass
	3500.01	Outer_Full	21.16	/	/	17.68	/	/	<=30	Pass
		Inner_Full	21.11	/	/	17.63	/	/	<=30	Pass
		Inner_1RB_Left	21.10	/	/	17.62	/	/	<=30	Pass
		Inner_1RB_Right	20.76	/	/	17.28	/	/	<=30	Pass
	3519.99	Outer_Full	20.84	/	/	17.36	/	/	<=30	Pass
		Inner_Full	20.86	/	/	17.38	/	/	<=30	Pass
		Inner_1RB_Left	20.73	/	/	17.25	/	/	<=30	Pass
		Inner_1RB_Right	20.62	/	/	17.14	/	/	<=30	Pass
CP-OFDM QPSK	3480	Outer_Full	22.54	/	/	19.06	/	/	<=30	Pass
		Inner_Full	25.28	/	/	21.80	/	/	<=30	Pass
		Inner_1RB_Left	25.48	/	/	22.00	/	/	<=30	Pass
		Inner_1RB_Right	25.24	/	/	21.76	/	/	<=30	Pass
	3500.01	Outer_Full	22.63	/	/	19.15	/	/	<=30	Pass
		Inner_Full	25.17	/	/	21.69	/	/	<=30	Pass
		Inner_1RB_Left	25.37	/	/	21.89	/	/	<=30	Pass
		Inner_1RB_Right	25.05	/	/	21.57	/	/	<=30	Pass
	3519.99	Outer_Full	22.52	/	/	19.04	/	/	<=30	Pass
		Inner_Full	25.14	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Left	25.41	/	/	21.93	/	/	<=30	Pass
		Inner_1RB_Right	25.16	/	/	21.68	/	/	<=30	Pass
CP-OFDM 16 QAM	3480	Outer_Full	22.80	/	/	19.32	/	/	<=30	Pass
		Inner_Full	24.87	/	/	21.39	/	/	<=30	Pass
		Inner_1RB_Left	24.73	/	/	21.25	/	/	<=30	Pass
		Inner_1RB_Right	24.70	/	/	21.22	/	/	<=30	Pass
	3500.01	Outer_Full	22.62	/	/	19.14	/	/	<=30	Pass
		Inner_Full	24.67	/	/	21.19	/	/	<=30	Pass
		Inner_1RB_Left	24.68	/	/	21.20	/	/	<=30	Pass
		Inner_1RB_Right	24.49	/	/	21.01	/	/	<=30	Pass
	3519.99	Outer_Full	22.50	/	/	19.02	/	/	<=30	Pass
		Inner_Full	24.51	/	/	21.03	/	/	<=30	Pass
		Inner_1RB_Left	24.69	/	/	21.21	/	/	<=30	Pass
		Inner_1RB_Right	24.46	/	/	20.98	/	/	<=30	Pass
CP-OFDM 64 QAM	3480	Outer_Full	22.00	/	/	18.52	/	/	<=30	Pass
		Inner_Full	22.71	/	/	19.23	/	/	<=30	Pass
		Inner_1RB_Left	22.69	/	/	19.21	/	/	<=30	Pass
		Inner_1RB_Right	22.86	/	/	19.38	/	/	<=30	Pass
	3500.01	Outer_Full	22.41	/	/	18.93	/	/	<=30	Pass
		Inner_Full	22.65	/	/	19.17	/	/	<=30	Pass
		Inner_1RB_Left	23.10	/	/	19.62	/	/	<=30	Pass
		Inner_1RB_Right	22.77	/	/	19.29	/	/	<=30	Pass
	3519.99	Outer_Full	21.86	/	/	18.38	/	/	<=30	Pass
		Inner_Full	22.65	/	/	19.17	/	/	<=30	Pass
		Inner_1RB_Left	22.71	/	/	19.23	/	/	<=30	Pass
		Inner_1RB_Right	22.54	/	/	19.06	/	/	<=30	Pass
CP-OFDM 256 QAM	3480	Outer_Full	19.10	/	/	15.62	/	/	<=30	Pass
		Inner_Full	19.27	/	/	15.79	/	/	<=30	Pass
		Inner_1RB_Left	18.97	/	/	15.49	/	/	<=30	Pass
		Inner_1RB_Right	18.87	/	/	15.39	/	/	<=30	Pass
	3500.01	Outer_Full	19.41	/	/	15.93	/	/	<=30	Pass
		Inner_Full	19.49	/	/	16.01	/	/	<=30	Pass
		Inner_1RB_Left	19.37	/	/	15.89	/	/	<=30	Pass
		Inner_1RB_Right	19.08	/	/	15.60	/	/	<=30	Pass
	3519.99	Outer_Full	18.97	/	/	15.49	/	/	<=30	Pass
		Inner_Full	19.01	/	/	15.53	/	/	<=30	Pass
		Inner_1RB_Left	18.95	/	/	15.47	/	/	<=30	Pass
		Inner_1RB_Right	19.00	/	/	15.52	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi;										

Note2: EIRP=Conducted Power+Antenna Gain

1.1.9 30k_SISO_70MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 70MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3485.01	Outer_Full	25.20	/	/	21.72	/	/	<=30	Pass
		Inner_Full	26.76	/	/	23.28	/	/	<=30	Pass
		Inner_1RB_Left	26.75	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Right	26.51	/	/	23.03	/	/	<=30	Pass
	3500.01	Outer_Full	25.22	/	/	21.74	/	/	<=30	Pass
		Inner_Full	26.73	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Left	26.73	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Right	26.37	/	/	22.89	/	/	<=30	Pass
	3514.98	Outer_Full	24.94	/	/	21.46	/	/	<=30	Pass
		Inner_Full	26.66	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Left	26.69	/	/	23.21	/	/	<=30	Pass
		Inner_1RB_Right	26.43	/	/	22.95	/	/	<=30	Pass
DFT-s-OFDM QPSK	3485.01	Outer_Full	24.76	/	/	21.28	/	/	<=30	Pass
		Inner_Full	26.75	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Left	26.61	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Right	26.59	/	/	23.11	/	/	<=30	Pass
	3500.01	Outer_Full	24.71	/	/	21.23	/	/	<=30	Pass
		Inner_Full	26.69	/	/	23.21	/	/	<=30	Pass
		Inner_1RB_Left	26.68	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Right	26.35	/	/	22.87	/	/	<=30	Pass
	3514.98	Outer_Full	24.71	/	/	21.23	/	/	<=30	Pass
		Inner_Full	26.79	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Left	26.74	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Right	26.44	/	/	22.96	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3485.01	Outer_Full	23.64	/	/	20.16	/	/	<=30	Pass
		Inner_Full	25.76	/	/	22.28	/	/	<=30	Pass
		Inner_1RB_Left	25.60	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Right	25.54	/	/	22.06	/	/	<=30	Pass
	3500.01	Outer_Full	23.68	/	/	20.20	/	/	<=30	Pass
		Inner_Full	25.70	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Left	25.55	/	/	22.07	/	/	<=30	Pass
		Inner_1RB_Right	25.41	/	/	21.93	/	/	<=30	Pass
	3514.98	Outer_Full	23.61	/	/	20.13	/	/	<=30	Pass
		Inner_Full	25.69	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Left	25.62	/	/	22.14	/	/	<=30	Pass
		Inner_1RB_Right	25.33	/	/	21.85	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3485.01	Outer_Full	23.24	/	/	19.76	/	/	<=30	Pass
		Inner_Full	23.77	/	/	20.29	/	/	<=30	Pass
		Inner_1RB_Left	23.75	/	/	20.27	/	/	<=30	Pass
		Inner_1RB_Right	23.47	/	/	19.99	/	/	<=30	Pass
	3500.01	Outer_Full	23.15	/	/	19.67	/	/	<=30	Pass
		Inner_Full	23.54	/	/	20.06	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	20.29	/	/	<=30	Pass
		Inner_1RB_Right	23.56	/	/	20.08	/	/	<=30	Pass
	3514.98	Outer_Full	23.06	/	/	19.58	/	/	<=30	Pass
		Inner_Full	23.59	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Left	23.86	/	/	20.38	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	19.97	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3485.01	Outer_Full	21.21	/	/	17.73	/	/	<=30	Pass
		Inner_Full	20.86	/	/	17.38	/	/	<=30	Pass

		Inner_1RB_Left	20.86	/	/	17.38	/	/	<=30	Pass
		Inner_1RB_Right	20.71	/	/	17.23	/	/	<=30	Pass
	3500.01	Outer_Full	21.08	/	/	17.60	/	/	<=30	Pass
		Inner_Full	21.16	/	/	17.68	/	/	<=30	Pass
		Inner_1RB_Left	21.07	/	/	17.59	/	/	<=30	Pass
		Inner_1RB_Right	20.64	/	/	17.16	/	/	<=30	Pass
	3514.98	Outer_Full	21.18	/	/	17.70	/	/	<=30	Pass
		Inner_Full	21.09	/	/	17.61	/	/	<=30	Pass
		Inner_1RB_Left	20.80	/	/	17.32	/	/	<=30	Pass
		Inner_1RB_Right	21.01	/	/	17.53	/	/	<=30	Pass
CP-OFDM QPSK	3485.01	Outer_Full	22.62	/	/	19.14	/	/	<=30	Pass
		Inner_Full	25.25	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Left	25.20	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Right	25.10	/	/	21.62	/	/	<=30	Pass
	3500.01	Outer_Full	22.61	/	/	19.13	/	/	<=30	Pass
		Inner_Full	25.35	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Left	25.30	/	/	21.82	/	/	<=30	Pass
		Inner_1RB_Right	24.72	/	/	21.24	/	/	<=30	Pass
	3514.98	Outer_Full	22.56	/	/	19.08	/	/	<=30	Pass
		Inner_Full	25.15	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Left	25.37	/	/	21.89	/	/	<=30	Pass
		Inner_1RB_Right	25.00	/	/	21.52	/	/	<=30	Pass
CP-OFDM 16 QAM	3485.01	Outer_Full	22.69	/	/	19.21	/	/	<=30	Pass
		Inner_Full	24.78	/	/	21.30	/	/	<=30	Pass
		Inner_1RB_Left	24.66	/	/	21.18	/	/	<=30	Pass
		Inner_1RB_Right	24.31	/	/	20.83	/	/	<=30	Pass
	3500.01	Outer_Full	22.58	/	/	19.10	/	/	<=30	Pass
		Inner_Full	24.61	/	/	21.13	/	/	<=30	Pass
		Inner_1RB_Left	24.69	/	/	21.21	/	/	<=30	Pass
		Inner_1RB_Right	24.35	/	/	20.87	/	/	<=30	Pass
	3514.98	Outer_Full	22.55	/	/	19.07	/	/	<=30	Pass
		Inner_Full	24.58	/	/	21.10	/	/	<=30	Pass
		Inner_1RB_Left	24.72	/	/	21.24	/	/	<=30	Pass
		Inner_1RB_Right	24.51	/	/	21.03	/	/	<=30	Pass
CP-OFDM 64 QAM	3485.01	Outer_Full	22.14	/	/	18.66	/	/	<=30	Pass
		Inner_Full	22.60	/	/	19.12	/	/	<=30	Pass
		Inner_1RB_Left	22.75	/	/	19.27	/	/	<=30	Pass
		Inner_1RB_Right	22.65	/	/	19.17	/	/	<=30	Pass
	3500.01	Outer_Full	22.13	/	/	18.65	/	/	<=30	Pass
		Inner_Full	22.63	/	/	19.15	/	/	<=30	Pass
		Inner_1RB_Left	22.77	/	/	19.29	/	/	<=30	Pass
		Inner_1RB_Right	22.37	/	/	18.89	/	/	<=30	Pass
	3514.98	Outer_Full	22.07	/	/	18.59	/	/	<=30	Pass
		Inner_Full	22.55	/	/	19.07	/	/	<=30	Pass
		Inner_1RB_Left	22.66	/	/	19.18	/	/	<=30	Pass
		Inner_1RB_Right	22.53	/	/	19.05	/	/	<=30	Pass
CP-OFDM 256 QAM	3485.01	Outer_Full	19.13	/	/	15.65	/	/	<=30	Pass
		Inner_Full	19.28	/	/	15.80	/	/	<=30	Pass
		Inner_1RB_Left	19.22	/	/	15.74	/	/	<=30	Pass
		Inner_1RB_Right	19.20	/	/	15.72	/	/	<=30	Pass
	3500.01	Outer_Full	19.40	/	/	15.92	/	/	<=30	Pass
		Inner_Full	19.65	/	/	16.17	/	/	<=30	Pass
		Inner_1RB_Left	19.24	/	/	15.76	/	/	<=30	Pass
		Inner_1RB_Right	18.88	/	/	15.40	/	/	<=30	Pass
	3514.98	Outer_Full	19.41	/	/	15.93	/	/	<=30	Pass
		Inner_Full	19.38	/	/	15.90	/	/	<=30	Pass
		Inner_1RB_Left	19.39	/	/	15.91	/	/	<=30	Pass
		Inner_1RB_Right	19.06	/	/	15.58	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi;										

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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3490.02	Outer_Full	25.27	/	/	21.79	/	/	<=30	Pass
		Inner_Full	26.84	/	/	23.36	/	/	<=30	Pass
		Inner_1RB_Left	26.80	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Right	26.38	/	/	22.90	/	/	<=30	Pass
	3500.01	Outer_Full	25.11	/	/	21.63	/	/	<=30	Pass
		Inner_Full	26.71	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Left	26.59	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Right	26.25	/	/	22.77	/	/	<=30	Pass
	3510	Outer_Full	25.14	/	/	21.66	/	/	<=30	Pass
		Inner_Full	26.63	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Left	26.69	/	/	23.21	/	/	<=30	Pass
		Inner_1RB_Right	26.41	/	/	22.93	/	/	<=30	Pass
DFT-s-OFDM QPSK	3490.02	Outer_Full	24.62	/	/	21.14	/	/	<=30	Pass
		Inner_Full	26.76	/	/	23.28	/	/	<=30	Pass
		Inner_1RB_Left	26.72	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Right	26.36	/	/	22.88	/	/	<=30	Pass
	3500.01	Outer_Full	24.75	/	/	21.27	/	/	<=30	Pass
		Inner_Full	26.79	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Left	26.70	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Right	26.43	/	/	22.95	/	/	<=30	Pass
	3510	Outer_Full	24.65	/	/	21.17	/	/	<=30	Pass
		Inner_Full	26.62	/	/	23.14	/	/	<=30	Pass
		Inner_1RB_Left	26.79	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Right	26.48	/	/	23.00	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3490.02	Outer_Full	23.57	/	/	20.09	/	/	<=30	Pass
		Inner_Full	25.78	/	/	22.30	/	/	<=30	Pass
		Inner_1RB_Left	25.86	/	/	22.38	/	/	<=30	Pass
		Inner_1RB_Right	25.40	/	/	21.92	/	/	<=30	Pass
	3500.01	Outer_Full	23.62	/	/	20.14	/	/	<=30	Pass
		Inner_Full	25.67	/	/	22.19	/	/	<=30	Pass
		Inner_1RB_Left	25.62	/	/	22.14	/	/	<=30	Pass
		Inner_1RB_Right	25.31	/	/	21.83	/	/	<=30	Pass
	3510	Outer_Full	23.64	/	/	20.16	/	/	<=30	Pass
		Inner_Full	25.65	/	/	22.17	/	/	<=30	Pass
		Inner_1RB_Left	25.67	/	/	22.19	/	/	<=30	Pass
		Inner_1RB_Right	25.54	/	/	22.06	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3490.02	Outer_Full	23.14	/	/	19.66	/	/	<=30	Pass
		Inner_Full	23.76	/	/	20.28	/	/	<=30	Pass
		Inner_1RB_Left	23.88	/	/	20.40	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	20.01	/	/	<=30	Pass
	3500.01	Outer_Full	23.02	/	/	19.54	/	/	<=30	Pass
		Inner_Full	23.72	/	/	20.24	/	/	<=30	Pass
		Inner_1RB_Left	23.83	/	/	20.35	/	/	<=30	Pass
		Inner_1RB_Right	23.44	/	/	19.96	/	/	<=30	Pass
	3510	Outer_Full	23.08	/	/	19.60	/	/	<=30	Pass
		Inner_Full	23.59	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Left	23.64	/	/	20.16	/	/	<=30	Pass
		Inner_1RB_Right	23.56	/	/	20.08	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3490.02	Outer_Full	21.47	/	/	17.99	/	/	<=30	Pass
		Inner_Full	21.65	/	/	18.17	/	/	<=30	Pass

		Inner_1RB_Left	21.48	/	/	18.00	/	/	<=30	Pass
		Inner_1RB_Right	21.30	/	/	17.82	/	/	<=30	Pass
	3500.01	Outer_Full	21.26	/	/	17.78	/	/	<=30	Pass
		Inner_Full	21.29	/	/	17.81	/	/	<=30	Pass
		Inner_1RB_Left	20.97	/	/	17.49	/	/	<=30	Pass
		Inner_1RB_Right	21.15	/	/	17.67	/	/	<=30	Pass
	3510	Outer_Full	21.60	/	/	18.12	/	/	<=30	Pass
		Inner_Full	21.64	/	/	18.16	/	/	<=30	Pass
		Inner_1RB_Left	21.42	/	/	17.94	/	/	<=30	Pass
		Inner_1RB_Right	21.28	/	/	17.80	/	/	<=30	Pass
CP-OFDM QPSK	3490.02	Outer_Full	22.63	/	/	19.15	/	/	<=30	Pass
		Inner_Full	25.23	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Left	25.29	/	/	21.81	/	/	<=30	Pass
		Inner_1RB_Right	24.85	/	/	21.37	/	/	<=30	Pass
	3500.01	Outer_Full	22.53	/	/	19.05	/	/	<=30	Pass
		Inner_Full	25.16	/	/	21.68	/	/	<=30	Pass
		Inner_1RB_Left	25.10	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Right	24.81	/	/	21.33	/	/	<=30	Pass
	3510	Outer_Full	22.57	/	/	19.09	/	/	<=30	Pass
		Inner_Full	25.25	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Left	25.10	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Right	24.90	/	/	21.42	/	/	<=30	Pass
CP-OFDM 16 QAM	3490.02	Outer_Full	22.45	/	/	18.97	/	/	<=30	Pass
		Inner_Full	24.79	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Left	24.75	/	/	21.27	/	/	<=30	Pass
		Inner_1RB_Right	24.41	/	/	20.93	/	/	<=30	Pass
	3500.01	Outer_Full	22.61	/	/	19.13	/	/	<=30	Pass
		Inner_Full	24.66	/	/	21.18	/	/	<=30	Pass
		Inner_1RB_Left	24.73	/	/	21.25	/	/	<=30	Pass
		Inner_1RB_Right	24.35	/	/	20.87	/	/	<=30	Pass
	3510	Outer_Full	22.57	/	/	19.09	/	/	<=30	Pass
		Inner_Full	24.57	/	/	21.09	/	/	<=30	Pass
		Inner_1RB_Left	24.74	/	/	21.26	/	/	<=30	Pass
		Inner_1RB_Right	24.48	/	/	21.00	/	/	<=30	Pass
CP-OFDM 64 QAM	3490.02	Outer_Full	22.11	/	/	18.63	/	/	<=30	Pass
		Inner_Full	22.64	/	/	19.16	/	/	<=30	Pass
		Inner_1RB_Left	22.99	/	/	19.51	/	/	<=30	Pass
		Inner_1RB_Right	22.62	/	/	19.14	/	/	<=30	Pass
	3500.01	Outer_Full	22.08	/	/	18.60	/	/	<=30	Pass
		Inner_Full	22.60	/	/	19.12	/	/	<=30	Pass
		Inner_1RB_Left	22.82	/	/	19.34	/	/	<=30	Pass
		Inner_1RB_Right	22.32	/	/	18.84	/	/	<=30	Pass
	3510	Outer_Full	22.02	/	/	18.54	/	/	<=30	Pass
		Inner_Full	22.59	/	/	19.11	/	/	<=30	Pass
		Inner_1RB_Left	22.91	/	/	19.43	/	/	<=30	Pass
		Inner_1RB_Right	22.78	/	/	19.30	/	/	<=30	Pass
CP-OFDM 256 QAM	3490.02	Outer_Full	19.58	/	/	16.10	/	/	<=30	Pass
		Inner_Full	19.58	/	/	16.10	/	/	<=30	Pass
		Inner_1RB_Left	19.61	/	/	16.13	/	/	<=30	Pass
		Inner_1RB_Right	19.00	/	/	15.52	/	/	<=30	Pass
	3500.01	Outer_Full	19.34	/	/	15.86	/	/	<=30	Pass
		Inner_Full	19.52	/	/	16.04	/	/	<=30	Pass
		Inner_1RB_Left	19.53	/	/	16.05	/	/	<=30	Pass
		Inner_1RB_Right	19.29	/	/	15.81	/	/	<=30	Pass
	3510	Outer_Full	19.27	/	/	15.79	/	/	<=30	Pass
		Inner_Full	19.31	/	/	15.83	/	/	<=30	Pass
		Inner_1RB_Left	19.33	/	/	15.85	/	/	<=30	Pass
		Inner_1RB_Right	19.31	/	/	15.83	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi;										

Note2: EIRP=Conducted Power+Antenna Gain

1.1.11 30k_SISO_90MHz_NTNV_EIRP

5G NR n77d SCS=30kHz SISO 90MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3495	Outer_Full	25.05	/	/	21.57	/	/	<=30	Pass
		Inner_Full	26.66	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Left	26.80	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Right	26.32	/	/	22.84	/	/	<=30	Pass
	3500.01	Outer_Full	25.08	/	/	21.60	/	/	<=30	Pass
		Inner_Full	26.67	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Left	26.52	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Right	26.29	/	/	22.81	/	/	<=30	Pass
	3504.99	Outer_Full	25.18	/	/	21.70	/	/	<=30	Pass
		Inner_Full	26.73	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Left	26.68	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Right	26.48	/	/	23.00	/	/	<=30	Pass
DFT-s-OFDM QPSK	3495	Outer_Full	24.58	/	/	21.10	/	/	<=30	Pass
		Inner_Full	26.68	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Left	26.53	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Right	26.42	/	/	22.94	/	/	<=30	Pass
	3500.01	Outer_Full	24.60	/	/	21.12	/	/	<=30	Pass
		Inner_Full	26.73	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Left	26.75	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Right	26.37	/	/	22.89	/	/	<=30	Pass
	3504.99	Outer_Full	24.63	/	/	21.15	/	/	<=30	Pass
		Inner_Full	26.74	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Left	26.61	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Right	26.51	/	/	23.03	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3495	Outer_Full	23.68	/	/	20.20	/	/	<=30	Pass
		Inner_Full	25.45	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Left	25.69	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Right	25.24	/	/	21.76	/	/	<=30	Pass
	3500.01	Outer_Full	23.50	/	/	20.02	/	/	<=30	Pass
		Inner_Full	25.78	/	/	22.30	/	/	<=30	Pass
		Inner_1RB_Left	25.78	/	/	22.30	/	/	<=30	Pass
		Inner_1RB_Right	25.38	/	/	21.90	/	/	<=30	Pass
	3504.99	Outer_Full	23.56	/	/	20.08	/	/	<=30	Pass
		Inner_Full	25.62	/	/	22.14	/	/	<=30	Pass
		Inner_1RB_Left	25.70	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Right	25.37	/	/	21.89	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3495	Outer_Full	23.23	/	/	19.75	/	/	<=30	Pass
		Inner_Full	23.84	/	/	20.36	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	20.29	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	19.97	/	/	<=30	Pass
	3500.01	Outer_Full	22.95	/	/	19.47	/	/	<=30	Pass
		Inner_Full	23.71	/	/	20.23	/	/	<=30	Pass
		Inner_1RB_Left	23.89	/	/	20.41	/	/	<=30	Pass
		Inner_1RB_Right	23.37	/	/	19.89	/	/	<=30	Pass
	3504.99	Outer_Full	23.09	/	/	19.61	/	/	<=30	Pass
		Inner_Full	23.70	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Left	23.74	/	/	20.26	/	/	<=30	Pass
		Inner_1RB_Right	23.62	/	/	20.14	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3495	Outer_Full	20.72	/	/	17.24	/	/	<=30	Pass
		Inner_Full	20.97	/	/	17.49	/	/	<=30	Pass

		Inner_1RB_Left	21.14	/	/	17.66	/	/	<=30	Pass
		Inner_1RB_Right	20.82	/	/	17.34	/	/	<=30	Pass
	3500.01	Outer_Full	20.75	/	/	17.27	/	/	<=30	Pass
		Inner_Full	21.09	/	/	17.61	/	/	<=30	Pass
		Inner_1RB_Left	20.93	/	/	17.45	/	/	<=30	Pass
		Inner_1RB_Right	20.42	/	/	16.94	/	/	<=30	Pass
	3504.99	Outer_Full	21.60	/	/	18.12	/	/	<=30	Pass
		Inner_Full	21.51	/	/	18.03	/	/	<=30	Pass
		Inner_1RB_Left	21.48	/	/	18.00	/	/	<=30	Pass
		Inner_1RB_Right	21.36	/	/	17.88	/	/	<=30	Pass
CP-OFDM QPSK	3495	Outer_Full	22.66	/	/	19.18	/	/	<=30	Pass
		Inner_Full	25.18	/	/	21.70	/	/	<=30	Pass
		Inner_1RB_Left	25.14	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Right	24.89	/	/	21.41	/	/	<=30	Pass
	3500.01	Outer_Full	22.59	/	/	19.11	/	/	<=30	Pass
		Inner_Full	25.17	/	/	21.69	/	/	<=30	Pass
		Inner_1RB_Left	25.21	/	/	21.73	/	/	<=30	Pass
		Inner_1RB_Right	24.77	/	/	21.29	/	/	<=30	Pass
	3504.99	Outer_Full	22.54	/	/	19.06	/	/	<=30	Pass
		Inner_Full	25.11	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Left	25.31	/	/	21.83	/	/	<=30	Pass
		Inner_1RB_Right	25.05	/	/	21.57	/	/	<=30	Pass
CP-OFDM 16 QAM	3495	Outer_Full	22.64	/	/	19.16	/	/	<=30	Pass
		Inner_Full	24.57	/	/	21.09	/	/	<=30	Pass
		Inner_1RB_Left	24.52	/	/	21.04	/	/	<=30	Pass
		Inner_1RB_Right	24.08	/	/	20.60	/	/	<=30	Pass
	3500.01	Outer_Full	22.49	/	/	19.01	/	/	<=30	Pass
		Inner_Full	24.83	/	/	21.35	/	/	<=30	Pass
		Inner_1RB_Left	24.59	/	/	21.11	/	/	<=30	Pass
		Inner_1RB_Right	24.47	/	/	20.99	/	/	<=30	Pass
	3504.99	Outer_Full	22.66	/	/	19.18	/	/	<=30	Pass
		Inner_Full	24.65	/	/	21.17	/	/	<=30	Pass
		Inner_1RB_Left	24.70	/	/	21.22	/	/	<=30	Pass
		Inner_1RB_Right	24.44	/	/	20.96	/	/	<=30	Pass
CP-OFDM 64 QAM	3495	Outer_Full	21.98	/	/	18.50	/	/	<=30	Pass
		Inner_Full	22.60	/	/	19.12	/	/	<=30	Pass
		Inner_1RB_Left	22.90	/	/	19.42	/	/	<=30	Pass
		Inner_1RB_Right	22.55	/	/	19.07	/	/	<=30	Pass
	3500.01	Outer_Full	21.99	/	/	18.51	/	/	<=30	Pass
		Inner_Full	22.55	/	/	19.07	/	/	<=30	Pass
		Inner_1RB_Left	22.61	/	/	19.13	/	/	<=30	Pass
		Inner_1RB_Right	22.49	/	/	19.01	/	/	<=30	Pass
	3504.99	Outer_Full	22.01	/	/	18.53	/	/	<=30	Pass
		Inner_Full	22.59	/	/	19.11	/	/	<=30	Pass
		Inner_1RB_Left	22.71	/	/	19.23	/	/	<=30	Pass
		Inner_1RB_Right	22.34	/	/	18.86	/	/	<=30	Pass
CP-OFDM 256 QAM	3495	Outer_Full	19.20	/	/	15.72	/	/	<=30	Pass
		Inner_Full	19.00	/	/	15.52	/	/	<=30	Pass
		Inner_1RB_Left	19.38	/	/	15.90	/	/	<=30	Pass
		Inner_1RB_Right	19.02	/	/	15.54	/	/	<=30	Pass
	3500.01	Outer_Full	19.34	/	/	15.86	/	/	<=30	Pass
		Inner_Full	19.32	/	/	15.84	/	/	<=30	Pass
		Inner_1RB_Left	18.81	/	/	15.33	/	/	<=30	Pass
		Inner_1RB_Right	18.91	/	/	15.43	/	/	<=30	Pass
	3504.99	Outer_Full	19.61	/	/	16.13	/	/	<=30	Pass
		Inner_Full	19.65	/	/	16.17	/	/	<=30	Pass
		Inner_1RB_Left	19.69	/	/	16.21	/	/	<=30	Pass
		Inner_1RB_Right	19.24	/	/	15.76	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi;										

Note2: EIRP=Conducted Power+Antenna Gain

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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	25.22	/	/	21.74	/	/	<=30	Pass
		Inner_Full	26.72	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Left	26.73	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Right	26.46	/	/	22.98	/	/	<=30	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	24.58	/	/	21.10	/	/	<=30	Pass
		Inner_Full	26.66	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Left	26.73	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Right	26.61	/	/	23.13	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	23.65	/	/	20.17	/	/	<=30	Pass
		Inner_Full	25.60	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Left	25.62	/	/	22.14	/	/	<=30	Pass
		Inner_1RB_Right	25.59	/	/	22.11	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	23.08	/	/	19.60	/	/	<=30	Pass
		Inner_Full	23.67	/	/	20.19	/	/	<=30	Pass
		Inner_1RB_Left	23.64	/	/	20.16	/	/	<=30	Pass
		Inner_1RB_Right	23.51	/	/	20.03	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	21.59	/	/	18.11	/	/	<=30	Pass
		Inner_Full	21.59	/	/	18.11	/	/	<=30	Pass
		Inner_1RB_Left	21.42	/	/	17.94	/	/	<=30	Pass
		Inner_1RB_Right	21.29	/	/	17.81	/	/	<=30	Pass
CP-OFDM QPSK	3500.01	Outer_Full	22.50	/	/	19.02	/	/	<=30	Pass
		Inner_Full	25.14	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Left	25.26	/	/	21.78	/	/	<=30	Pass
		Inner_1RB_Right	25.13	/	/	21.65	/	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	22.48	/	/	19.00	/	/	<=30	Pass
		Inner_Full	24.71	/	/	21.23	/	/	<=30	Pass
		Inner_1RB_Left	24.69	/	/	21.21	/	/	<=30	Pass
		Inner_1RB_Right	24.27	/	/	20.79	/	/	<=30	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	22.10	/	/	18.62	/	/	<=30	Pass
		Inner_Full	22.65	/	/	19.17	/	/	<=30	Pass
		Inner_1RB_Left	22.73	/	/	19.25	/	/	<=30	Pass
		Inner_1RB_Right	22.59	/	/	19.11	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	19.64	/	/	16.16	/	/	<=30	Pass
		Inner_Full	19.50	/	/	16.02	/	/	<=30	Pass
		Inner_1RB_Left	19.38	/	/	15.90	/	/	<=30	Pass
		Inner_1RB_Right	19.31	/	/	15.83	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.13 30k_MIMO_10MHz_NTNV_EIRP

5G NR n77d SCS=30kHz MIMO 10MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3455.01	Outer_Full	25.03	25.18	28.12	21.55	21.70	24.64	<=30	Pass
		Inner_Full	26.53	26.70	29.63	23.05	23.22	26.15	<=30	Pass
		Inner_1RB_Left	26.47	26.61	29.55	22.99	23.13	26.07	<=30	Pass
		Inner_1RB_Right	26.34	26.52	29.44	22.86	23.04	25.96	<=30	Pass
	3500.01	Outer_Full	25.07	25.26	28.18	21.59	21.78	24.70	<=30	Pass

		Inner_Full	26.57	26.76	29.67	23.09	23.28	26.20	<=30	Pass
		Inner_1RB_Left	26.46	26.62	29.55	22.98	23.14	26.07	<=30	Pass
		Inner_1RB_Right	26.58	26.77	29.68	23.10	23.29	26.21	<=30	Pass
	3544.98	Outer_Full	25.21	25.35	28.29	21.73	21.87	24.81	<=30	Pass
		Inner_Full	26.73	26.87	29.81	23.25	23.39	26.33	<=30	Pass
		Inner_1RB_Left	26.64	26.77	29.71	23.16	23.29	26.24	<=30	Pass
		Inner_1RB_Right	26.67	26.81	29.75	23.19	23.33	26.27	<=30	Pass
DFT-s-OFDM QPSK	3455.01	Outer_Full	24.50	24.66	27.59	21.02	21.18	24.11	<=30	Pass
		Inner_Full	26.64	26.81	29.73	23.16	23.33	26.26	<=30	Pass
		Inner_1RB_Left	26.47	26.61	29.55	22.99	23.13	26.07	<=30	Pass
		Inner_1RB_Right	26.47	26.65	29.57	22.99	23.17	26.09	<=30	Pass
	3500.01	Outer_Full	24.49	24.67	27.59	21.01	21.19	24.11	<=30	Pass
		Inner_Full	26.62	26.81	29.73	23.14	23.33	26.25	<=30	Pass
		Inner_1RB_Left	26.44	26.60	29.53	22.96	23.12	26.05	<=30	Pass
		Inner_1RB_Right	26.57	26.76	29.68	23.09	23.28	26.20	<=30	Pass
	3544.98	Outer_Full	24.66	24.80	27.74	21.18	21.32	24.26	<=30	Pass
		Inner_Full	26.70	26.85	29.79	23.22	23.37	26.31	<=30	Pass
		Inner_1RB_Left	26.61	26.74	29.68	23.13	23.26	26.21	<=30	Pass
		Inner_1RB_Right	26.62	26.76	29.70	23.14	23.28	26.22	<=30	Pass
DFT-s-OFDM 16 QAM	3455.01	Outer_Full	23.45	23.61	26.54	19.97	20.13	23.06	<=30	Pass
		Inner_Full	25.51	25.68	28.61	22.03	22.20	25.13	<=30	Pass
		Inner_1RB_Left	25.57	25.71	28.65	22.09	22.23	25.17	<=30	Pass
		Inner_1RB_Right	25.46	25.64	28.56	21.98	22.16	25.08	<=30	Pass
	3500.01	Outer_Full	23.52	23.71	26.63	20.04	20.23	23.15	<=30	Pass
		Inner_Full	25.65	25.84	28.75	22.17	22.36	25.28	<=30	Pass
		Inner_1RB_Left	25.52	25.69	28.61	22.04	22.21	25.14	<=30	Pass
		Inner_1RB_Right	25.55	25.74	28.66	22.07	22.26	25.18	<=30	Pass
	3544.98	Outer_Full	23.70	23.84	26.78	20.22	20.36	23.30	<=30	Pass
		Inner_Full	25.72	25.86	28.80	22.24	22.38	25.32	<=30	Pass
		Inner_1RB_Left	25.74	25.87	28.82	22.26	22.39	25.34	<=30	Pass
		Inner_1RB_Right	25.76	25.90	28.84	22.28	22.42	25.36	<=30	Pass
DFT-s-OFDM 64 QAM	3455.01	Outer_Full	22.94	23.11	26.03	19.46	19.63	22.56	<=30	Pass
		Inner_Full	23.44	23.61	26.54	19.96	20.13	23.06	<=30	Pass
		Inner_1RB_Left	23.54	23.69	26.63	20.06	20.21	23.15	<=30	Pass
		Inner_1RB_Right	23.44	23.62	26.54	19.96	20.14	23.06	<=30	Pass
	3500.01	Outer_Full	23.01	23.19	26.11	19.53	19.71	22.63	<=30	Pass
		Inner_Full	23.63	23.83	26.74	20.15	20.35	23.26	<=30	Pass
		Inner_1RB_Left	23.41	23.57	26.50	19.93	20.09	23.02	<=30	Pass
		Inner_1RB_Right	23.46	23.65	26.57	19.98	20.17	23.09	<=30	Pass
	3544.98	Outer_Full	23.11	23.25	26.19	19.63	19.77	22.71	<=30	Pass
		Inner_Full	23.70	23.85	26.79	20.22	20.37	23.31	<=30	Pass
		Inner_1RB_Left	23.70	23.83	26.77	20.22	20.35	23.30	<=30	Pass
		Inner_1RB_Right	23.62	23.76	26.70	20.14	20.28	23.22	<=30	Pass
DFT-s-OFDM 256 QAM	3455.01	Outer_Full	21.37	21.53	24.46	17.89	18.05	20.98	<=30	Pass
		Inner_Full	21.49	21.65	24.58	18.01	18.17	21.10	<=30	Pass
		Inner_1RB_Left	21.19	21.33	24.27	17.71	17.85	20.79	<=30	Pass
		Inner_1RB_Right	21.29	21.47	24.39	17.81	17.99	20.91	<=30	Pass
	3500.01	Outer_Full	21.31	21.50	24.42	17.83	18.02	20.94	<=30	Pass
		Inner_Full	21.29	21.48	24.39	17.81	18.00	20.92	<=30	Pass
		Inner_1RB_Left	21.32	21.49	24.42	17.84	18.01	20.94	<=30	Pass
		Inner_1RB_Right	21.27	21.46	24.37	17.79	17.98	20.90	<=30	Pass
	3544.98	Outer_Full	21.29	21.43	24.37	17.81	17.95	20.89	<=30	Pass
		Inner_Full	21.39	21.53	24.47	17.91	18.05	20.99	<=30	Pass
		Inner_1RB_Left	21.30	21.43	24.38	17.82	17.95	20.90	<=30	Pass
		Inner_1RB_Right	21.19	21.34	24.27	17.71	17.86	20.80	<=30	Pass
CP-OFDM QPSK	3455.01	Outer_Full	22.48	22.65	25.58	19.00	19.17	22.10	<=30	Pass
		Inner_Full	24.98	25.15	28.07	21.50	21.67	24.60	<=30	Pass
		Inner_1RB_Left	25.06	25.20	28.14	21.58	21.72	24.66	<=30	Pass
		Inner_1RB_Right	24.91	25.09	28.01	21.43	21.61	24.53	<=30	Pass

	3500.01	Outer_Full	22.52	22.71	25.63	19.04	19.23	22.15	<=30	Pass
		Inner_Full	25.20	25.39	28.30	21.72	21.91	24.83	<=30	Pass
		Inner_1RB_Left	24.89	25.05	27.98	21.41	21.57	24.50	<=30	Pass
		Inner_1RB_Right	25.02	25.21	28.12	21.54	21.73	24.65	<=30	Pass
	3544.98	Outer_Full	22.67	22.81	25.75	19.19	19.33	22.27	<=30	Pass
		Inner_Full	25.19	25.33	28.27	21.71	21.85	24.79	<=30	Pass
		Inner_1RB_Left	25.15	25.29	28.23	21.67	21.81	24.75	<=30	Pass
		Inner_1RB_Right	25.19	25.33	28.27	21.71	21.85	24.79	<=30	Pass
CP-OFDM 16 QAM	3455.01	Outer_Full	22.45	22.61	25.54	18.97	19.13	22.06	<=30	Pass
		Inner_Full	24.76	24.93	27.85	21.28	21.45	24.38	<=30	Pass
		Inner_1RB_Left	24.38	24.53	27.47	20.90	21.05	23.99	<=30	Pass
		Inner_1RB_Right	24.39	24.57	27.49	20.91	21.09	24.01	<=30	Pass
	3500.01	Outer_Full	22.51	22.70	25.61	19.03	19.22	22.14	<=30	Pass
		Inner_Full	24.60	24.79	27.70	21.12	21.31	24.23	<=30	Pass
		Inner_1RB_Left	24.63	24.80	27.73	21.15	21.32	24.25	<=30	Pass
		Inner_1RB_Right	24.71	24.91	27.82	21.23	21.43	24.34	<=30	Pass
	3544.98	Outer_Full	22.68	22.82	25.76	19.20	19.34	22.28	<=30	Pass
		Inner_Full	25.03	25.17	28.11	21.55	21.69	24.63	<=30	Pass
		Inner_1RB_Left	24.65	24.78	27.72	21.17	21.30	24.25	<=30	Pass
		Inner_1RB_Right	24.49	24.63	27.57	21.01	21.15	24.09	<=30	Pass
CP-OFDM 64 QAM	3455.01	Outer_Full	21.89	22.05	24.98	18.41	18.57	21.50	<=30	Pass
		Inner_Full	22.48	22.64	25.57	19.00	19.16	22.09	<=30	Pass
		Inner_1RB_Left	22.47	22.62	25.56	18.99	19.14	22.08	<=30	Pass
		Inner_1RB_Right	22.36	22.54	25.46	18.88	19.06	21.98	<=30	Pass
	3500.01	Outer_Full	21.96	22.15	25.06	18.48	18.67	21.59	<=30	Pass
		Inner_Full	22.51	22.70	25.62	19.03	19.22	22.14	<=30	Pass
		Inner_1RB_Left	22.58	22.74	25.67	19.10	19.26	22.19	<=30	Pass
		Inner_1RB_Right	22.54	22.73	25.65	19.06	19.25	22.17	<=30	Pass
	3544.98	Outer_Full	22.11	22.25	25.19	18.63	18.77	21.71	<=30	Pass
		Inner_Full	22.64	22.79	25.73	19.16	19.31	22.25	<=30	Pass
		Inner_1RB_Left	22.58	22.71	25.65	19.10	19.23	22.18	<=30	Pass
		Inner_1RB_Right	22.91	23.05	25.99	19.43	19.57	22.51	<=30	Pass
CP-OFDM 256 QAM	3455.01	Outer_Full	19.62	19.79	22.72	16.14	16.31	19.24	<=30	Pass
		Inner_Full	19.73	19.89	22.82	16.25	16.41	19.34	<=30	Pass
		Inner_1RB_Left	19.61	19.76	22.69	16.13	16.28	19.22	<=30	Pass
		Inner_1RB_Right	19.39	19.57	22.49	15.91	16.09	19.01	<=30	Pass
	3500.01	Outer_Full	18.82	19.01	21.93	15.34	15.53	18.45	<=30	Pass
		Inner_Full	19.00	19.20	22.11	15.52	15.72	18.63	<=30	Pass
		Inner_1RB_Left	18.89	19.06	21.98	15.41	15.58	18.51	<=30	Pass
		Inner_1RB_Right	19.03	19.23	22.14	15.55	15.75	18.66	<=30	Pass
	3544.98	Outer_Full	19.49	19.63	22.57	16.01	16.15	19.09	<=30	Pass
		Inner_Full	19.78	19.92	22.86	16.30	16.44	19.38	<=30	Pass
		Inner_1RB_Left	19.62	19.75	22.69	16.14	16.27	19.22	<=30	Pass
		Inner_1RB_Right	19.56	19.71	22.65	16.08	16.23	19.17	<=30	Pass

Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi;
Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

1.1.14 30k_MIMO_15MHz_NTNV_EIRP

5G NR n77d SCS=30kHz MIMO 15MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3457.5	Outer_Full	25.02	25.19	28.11	21.54	21.71	24.64	<=30	Pass
		Inner_Full	26.60	26.78	29.70	23.12	23.30	26.22	<=30	Pass
		Inner_1RB_Left	26.58	26.74	29.67	23.10	23.26	26.19	<=30	Pass
		Inner_1RB_Right	26.54	26.72	29.64	23.06	23.24	26.16	<=30	Pass
	3500.01	Outer_Full	25.10	25.28	28.20	21.62	21.80	24.72	<=30	Pass

		Inner_Full	26.58	26.78	29.69	23.10	23.30	26.21	<=30	Pass
		Inner_1RB_Left	26.45	26.59	29.53	22.97	23.11	26.05	<=30	Pass
		Inner_1RB_Right	26.61	26.79	29.71	23.13	23.31	26.23	<=30	Pass
	3542.49	Outer_Full	25.26	25.40	28.34	21.78	21.92	24.86	<=30	Pass
		Inner_Full	26.67	26.81	29.75	23.19	23.33	26.27	<=30	Pass
		Inner_1RB_Left	26.53	26.64	29.59	23.05	23.16	26.12	<=30	Pass
		Inner_1RB_Right	26.75	26.90	29.83	23.27	23.42	26.36	<=30	Pass
DFT-s-OFDM QPSK	3457.5	Outer_Full	24.51	24.69	27.61	21.03	21.21	24.13	<=30	Pass
		Inner_Full	26.55	26.73	29.65	23.07	23.25	26.17	<=30	Pass
		Inner_1RB_Left	26.47	26.62	29.56	22.99	23.14	26.08	<=30	Pass
		Inner_1RB_Right	26.44	26.62	29.54	22.96	23.14	26.06	<=30	Pass
	3500.01	Outer_Full	24.57	24.75	27.67	21.09	21.27	24.19	<=30	Pass
		Inner_Full	26.53	26.72	29.63	23.05	23.24	26.16	<=30	Pass
		Inner_1RB_Left	26.55	26.70	29.64	23.07	23.22	26.16	<=30	Pass
		Inner_1RB_Right	26.61	26.79	29.71	23.13	23.31	26.23	<=30	Pass
	3542.49	Outer_Full	24.69	24.82	27.77	21.21	21.34	24.29	<=30	Pass
		Inner_Full	26.73	26.87	29.81	23.25	23.39	26.33	<=30	Pass
		Inner_1RB_Left	26.56	26.67	29.63	23.08	23.19	26.15	<=30	Pass
		Inner_1RB_Right	26.72	26.87	29.81	23.24	23.39	26.33	<=30	Pass
DFT-s-OFDM 16 QAM	3457.5	Outer_Full	23.52	23.69	26.62	20.04	20.21	23.14	<=30	Pass
		Inner_Full	25.52	25.70	28.62	22.04	22.22	25.14	<=30	Pass
		Inner_1RB_Left	25.75	25.90	28.84	22.27	22.42	25.36	<=30	Pass
		Inner_1RB_Right	25.62	25.80	28.72	22.14	22.32	25.24	<=30	Pass
	3500.01	Outer_Full	23.59	23.77	26.69	20.11	20.29	23.21	<=30	Pass
		Inner_Full	25.53	25.72	28.63	22.05	22.24	25.16	<=30	Pass
		Inner_1RB_Left	25.63	25.77	28.71	22.15	22.29	25.23	<=30	Pass
		Inner_1RB_Right	25.61	25.79	28.72	22.13	22.31	25.23	<=30	Pass
	3542.49	Outer_Full	23.62	23.75	26.70	20.14	20.27	23.22	<=30	Pass
		Inner_Full	25.71	25.85	28.79	22.23	22.37	25.31	<=30	Pass
		Inner_1RB_Left	25.40	25.51	28.47	21.92	22.03	24.99	<=30	Pass
		Inner_1RB_Right	25.72	25.86	28.80	22.24	22.38	25.32	<=30	Pass
DFT-s-OFDM 64 QAM	3457.5	Outer_Full	23.00	23.17	26.10	19.52	19.69	22.62	<=30	Pass
		Inner_Full	23.52	23.70	26.62	20.04	20.22	23.14	<=30	Pass
		Inner_1RB_Left	23.62	23.78	26.71	20.14	20.30	23.23	<=30	Pass
		Inner_1RB_Right	23.53	23.71	26.63	20.05	20.23	23.15	<=30	Pass
	3500.01	Outer_Full	23.21	23.40	26.32	19.73	19.92	22.84	<=30	Pass
		Inner_Full	23.57	23.76	26.67	20.09	20.28	23.20	<=30	Pass
		Inner_1RB_Left	23.52	23.66	26.60	20.04	20.18	23.12	<=30	Pass
		Inner_1RB_Right	23.54	23.72	26.65	20.06	20.24	23.16	<=30	Pass
	3542.49	Outer_Full	23.23	23.36	26.31	19.75	19.88	22.83	<=30	Pass
		Inner_Full	23.70	23.85	26.79	20.22	20.37	23.31	<=30	Pass
		Inner_1RB_Left	23.59	23.69	26.65	20.11	20.21	23.17	<=30	Pass
		Inner_1RB_Right	23.70	23.85	26.79	20.22	20.37	23.31	<=30	Pass
DFT-s-OFDM 256 QAM	3457.5	Outer_Full	21.56	21.74	24.66	18.08	18.26	21.18	<=30	Pass
		Inner_Full	21.69	21.87	24.79	18.21	18.39	21.31	<=30	Pass
		Inner_1RB_Left	21.65	21.80	24.73	18.17	18.32	21.26	<=30	Pass
		Inner_1RB_Right	21.65	21.83	24.75	18.17	18.35	21.27	<=30	Pass
	3500.01	Outer_Full	21.44	21.63	24.55	17.96	18.15	21.07	<=30	Pass
		Inner_Full	21.47	21.66	24.58	17.99	18.18	21.10	<=30	Pass
		Inner_1RB_Left	21.44	21.59	24.53	17.96	18.11	21.05	<=30	Pass
		Inner_1RB_Right	21.34	21.52	24.44	17.86	18.04	20.96	<=30	Pass
	3542.49	Outer_Full	21.56	21.70	24.64	18.08	18.22	21.16	<=30	Pass
		Inner_Full	21.46	21.61	24.55	17.98	18.13	21.07	<=30	Pass
		Inner_1RB_Left	21.23	21.34	24.30	17.75	17.86	20.82	<=30	Pass
		Inner_1RB_Right	21.63	21.77	24.71	18.15	18.29	21.23	<=30	Pass
CP-OFDM QPSK	3457.5	Outer_Full	22.53	22.71	25.63	19.05	19.23	22.15	<=30	Pass
		Inner_Full	25.11	25.29	28.21	21.63	21.81	24.73	<=30	Pass
		Inner_1RB_Left	25.11	25.27	28.20	21.63	21.79	24.72	<=30	Pass
		Inner_1RB_Right	24.97	25.16	28.08	21.49	21.68	24.60	<=30	Pass

	3500.01	Outer_Full	22.61	22.79	25.71	19.13	19.31	22.23	<=30	Pass
		Inner_Full	25.07	25.26	28.18	21.59	21.78	24.70	<=30	Pass
		Inner_1RB_Left	25.05	25.19	28.13	21.57	21.71	24.65	<=30	Pass
		Inner_1RB_Right	25.12	25.30	28.22	21.64	21.82	24.74	<=30	Pass
	3542.49	Outer_Full	22.61	22.75	25.69	19.13	19.27	22.21	<=30	Pass
		Inner_Full	25.22	25.36	28.30	21.74	21.88	24.82	<=30	Pass
		Inner_1RB_Left	25.09	25.20	28.15	21.61	21.72	24.68	<=30	Pass
		Inner_1RB_Right	25.09	25.24	28.18	21.61	21.76	24.70	<=30	Pass
CP-OFDM 16 QAM	3457.5	Outer_Full	22.59	22.77	25.69	19.11	19.29	22.21	<=30	Pass
		Inner_Full	24.59	24.77	27.69	21.11	21.29	24.21	<=30	Pass
		Inner_1RB_Left	24.46	24.62	27.55	20.98	21.14	24.07	<=30	Pass
		Inner_1RB_Right	24.55	24.74	27.65	21.07	21.26	24.18	<=30	Pass
	3500.01	Outer_Full	22.66	22.84	25.76	19.18	19.36	22.28	<=30	Pass
		Inner_Full	24.65	24.84	27.75	21.17	21.36	24.28	<=30	Pass
		Inner_1RB_Left	24.50	24.64	27.58	21.02	21.16	24.10	<=30	Pass
		Inner_1RB_Right	24.35	24.53	27.45	20.87	21.05	23.97	<=30	Pass
	3542.49	Outer_Full	22.68	22.82	25.76	19.20	19.34	22.28	<=30	Pass
		Inner_Full	24.69	24.83	27.77	21.21	21.35	24.29	<=30	Pass
		Inner_1RB_Left	24.45	24.56	27.52	20.97	21.08	24.04	<=30	Pass
		Inner_1RB_Right	24.63	24.78	27.71	21.15	21.30	24.24	<=30	Pass
CP-OFDM 64 QAM	3457.5	Outer_Full	22.05	22.22	25.15	18.57	18.74	21.67	<=30	Pass
		Inner_Full	22.59	22.78	25.70	19.11	19.30	22.22	<=30	Pass
		Inner_1RB_Left	22.57	22.73	25.66	19.09	19.25	22.18	<=30	Pass
		Inner_1RB_Right	22.74	22.93	25.85	19.26	19.45	22.37	<=30	Pass
	3500.01	Outer_Full	22.00	22.18	25.10	18.52	18.70	21.62	<=30	Pass
		Inner_Full	22.55	22.74	25.66	19.07	19.26	22.18	<=30	Pass
		Inner_1RB_Left	22.61	22.75	25.69	19.13	19.27	22.21	<=30	Pass
		Inner_1RB_Right	22.55	22.73	25.66	19.07	19.25	22.17	<=30	Pass
	3542.49	Outer_Full	22.15	22.28	25.23	18.67	18.80	21.75	<=30	Pass
		Inner_Full	22.78	22.93	25.87	19.30	19.45	22.39	<=30	Pass
		Inner_1RB_Left	22.69	22.80	25.75	19.21	19.32	22.28	<=30	Pass
		Inner_1RB_Right	22.74	22.89	25.82	19.26	19.41	22.35	<=30	Pass
CP-OFDM 256 QAM	3457.5	Outer_Full	19.57	19.75	22.67	16.09	16.27	19.19	<=30	Pass
		Inner_Full	19.61	19.79	22.71	16.13	16.31	19.23	<=30	Pass
		Inner_1RB_Left	19.54	19.70	22.63	16.06	16.22	19.15	<=30	Pass
		Inner_1RB_Right	19.67	19.86	22.78	16.19	16.38	19.30	<=30	Pass
	3500.01	Outer_Full	19.51	19.69	22.61	16.03	16.21	19.13	<=30	Pass
		Inner_Full	19.62	19.81	22.73	16.14	16.33	19.25	<=30	Pass
		Inner_1RB_Left	19.51	19.65	22.59	16.03	16.17	19.11	<=30	Pass
		Inner_1RB_Right	19.52	19.71	22.63	16.04	16.23	19.15	<=30	Pass
	3542.49	Outer_Full	19.71	19.85	22.79	16.23	16.37	19.31	<=30	Pass
		Inner_Full	19.70	19.84	22.78	16.22	16.36	19.30	<=30	Pass
		Inner_1RB_Left	19.53	19.65	22.60	16.05	16.17	19.12	<=30	Pass
		Inner_1RB_Right	19.66	19.81	22.75	16.18	16.33	19.27	<=30	Pass

Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi;
Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

1.1.15 30k_MIMO_20MHz_NTNV_EIRP

5G NR n77d SCS=30kHz MIMO 20MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3460.02	Outer_Full	25.08	25.27	28.19	21.60	21.79	24.71	<=30	Pass
		Inner_Full	26.60	26.80	29.71	23.12	23.32	26.23	<=30	Pass
		Inner_1RB_Left	26.60	26.75	29.69	23.12	23.27	26.21	<=30	Pass
		Inner_1RB_Right	26.66	26.83	29.76	23.18	23.35	26.28	<=30	Pass
	3500.01	Outer_Full	25.18	25.35	28.28	21.70	21.87	24.80	<=30	Pass

		Inner_Full	26.64	26.82	29.74	23.16	23.34	26.26	<=30	Pass
		Inner_1RB_Left	26.53	26.65	29.60	23.05	23.17	26.12	<=30	Pass
		Inner_1RB_Right	26.61	26.77	29.70	23.13	23.29	26.22	<=30	Pass
	3540	Outer_Full	25.16	25.29	28.24	21.68	21.81	24.76	<=30	Pass
		Inner_Full	26.63	26.76	29.71	23.15	23.28	26.23	<=30	Pass
		Inner_1RB_Left	26.56	26.62	29.60	23.08	23.14	26.12	<=30	Pass
		Inner_1RB_Right	26.64	26.80	29.73	23.16	23.32	26.25	<=30	Pass
DFT-s-OFDM QPSK	3460.02	Outer_Full	24.58	24.77	27.69	21.10	21.29	24.21	<=30	Pass
		Inner_Full	26.61	26.81	29.72	23.13	23.33	26.24	<=30	Pass
		Inner_1RB_Left	26.61	26.77	29.70	23.13	23.29	26.22	<=30	Pass
		Inner_1RB_Right	26.53	26.70	29.62	23.05	23.22	26.15	<=30	Pass
	3500.01	Outer_Full	24.66	24.83	27.75	21.18	21.35	24.28	<=30	Pass
		Inner_Full	26.68	26.87	29.79	23.20	23.39	26.31	<=30	Pass
		Inner_1RB_Left	26.55	26.67	29.62	23.07	23.19	26.14	<=30	Pass
		Inner_1RB_Right	26.58	26.74	29.67	23.10	23.26	26.19	<=30	Pass
	3540	Outer_Full	24.69	24.81	27.76	21.21	21.33	24.28	<=30	Pass
		Inner_Full	26.67	26.81	29.75	23.19	23.33	26.27	<=30	Pass
		Inner_1RB_Left	26.56	26.63	29.61	23.08	23.15	26.13	<=30	Pass
		Inner_1RB_Right	26.62	26.78	29.71	23.14	23.30	26.23	<=30	Pass
DFT-s-OFDM 16 QAM	3460.02	Outer_Full	23.54	23.73	26.64	20.06	20.25	23.17	<=30	Pass
		Inner_Full	25.62	25.82	28.73	22.14	22.34	25.25	<=30	Pass
		Inner_1RB_Left	25.67	25.82	28.76	22.19	22.34	25.28	<=30	Pass
		Inner_1RB_Right	25.55	25.73	28.65	22.07	22.25	25.17	<=30	Pass
	3500.01	Outer_Full	23.58	23.75	26.68	20.10	20.27	23.20	<=30	Pass
		Inner_Full	25.52	25.70	28.62	22.04	22.22	25.14	<=30	Pass
		Inner_1RB_Left	25.56	25.68	28.63	22.08	22.20	25.15	<=30	Pass
		Inner_1RB_Right	25.69	25.85	28.78	22.21	22.37	25.30	<=30	Pass
	3540	Outer_Full	23.69	23.81	26.76	20.21	20.33	23.28	<=30	Pass
		Inner_Full	25.54	25.67	28.61	22.06	22.19	25.14	<=30	Pass
		Inner_1RB_Left	25.49	25.56	28.54	22.01	22.08	25.06	<=30	Pass
		Inner_1RB_Right	25.71	25.86	28.80	22.23	22.38	25.32	<=30	Pass
DFT-s-OFDM 64 QAM	3460.02	Outer_Full	23.13	23.32	26.24	19.65	19.84	22.76	<=30	Pass
		Inner_Full	23.54	23.74	26.65	20.06	20.26	23.17	<=30	Pass
		Inner_1RB_Left	23.61	23.76	26.70	20.13	20.28	23.22	<=30	Pass
		Inner_1RB_Right	23.53	23.71	26.63	20.05	20.23	23.15	<=30	Pass
	3500.01	Outer_Full	23.11	23.28	26.21	19.63	19.80	22.73	<=30	Pass
		Inner_Full	23.49	23.68	26.60	20.01	20.20	23.12	<=30	Pass
		Inner_1RB_Left	23.65	23.77	26.72	20.17	20.29	23.24	<=30	Pass
		Inner_1RB_Right	23.50	23.66	26.59	20.02	20.18	23.11	<=30	Pass
	3540	Outer_Full	23.20	23.32	26.27	19.72	19.84	22.79	<=30	Pass
		Inner_Full	23.67	23.80	26.75	20.19	20.32	23.27	<=30	Pass
		Inner_1RB_Left	23.61	23.67	26.65	20.13	20.19	23.17	<=30	Pass
		Inner_1RB_Right	23.70	23.86	26.79	20.22	20.38	23.31	<=30	Pass
DFT-s-OFDM 256 QAM	3460.02	Outer_Full	21.69	21.88	24.80	18.21	18.40	21.32	<=30	Pass
		Inner_Full	21.69	21.89	24.80	18.21	18.41	21.32	<=30	Pass
		Inner_1RB_Left	21.82	21.97	24.91	18.34	18.49	21.43	<=30	Pass
		Inner_1RB_Right	21.64	21.82	24.74	18.16	18.34	21.26	<=30	Pass
	3500.01	Outer_Full	21.42	21.59	24.52	17.94	18.11	21.04	<=30	Pass
		Inner_Full	21.35	21.53	24.45	17.87	18.05	20.97	<=30	Pass
		Inner_1RB_Left	21.21	21.34	24.28	17.73	17.86	20.81	<=30	Pass
		Inner_1RB_Right	21.27	21.43	24.37	17.79	17.95	20.88	<=30	Pass
	3540	Outer_Full	21.30	21.42	24.37	17.82	17.94	20.89	<=30	Pass
		Inner_Full	21.37	21.50	24.45	17.89	18.02	20.97	<=30	Pass
		Inner_1RB_Left	21.36	21.42	24.40	17.88	17.94	20.92	<=30	Pass
		Inner_1RB_Right	21.37	21.52	24.46	17.89	18.04	20.98	<=30	Pass
CP-OFDM QPSK	3460.02	Outer_Full	22.60	22.79	25.71	19.12	19.31	22.23	<=30	Pass
		Inner_Full	25.18	25.38	28.29	21.70	21.90	24.81	<=30	Pass
		Inner_1RB_Left	25.20	25.36	28.29	21.72	21.88	24.81	<=30	Pass
		Inner_1RB_Right	25.17	25.34	28.27	21.69	21.86	24.79	<=30	Pass

	3500.01	Outer_Full	22.60	22.77	25.69	19.12	19.29	22.22	<=30	Pass
		Inner_Full	25.03	25.22	28.14	21.55	21.74	24.66	<=30	Pass
		Inner_1RB_Left	25.16	25.28	28.23	21.68	21.80	24.75	<=30	Pass
		Inner_1RB_Right	25.16	25.32	28.25	21.68	21.84	24.77	<=30	Pass
	3540	Outer_Full	22.75	22.88	25.83	19.27	19.40	22.35	<=30	Pass
		Inner_Full	25.17	25.30	28.24	21.69	21.82	24.77	<=30	Pass
		Inner_1RB_Left	25.01	25.08	28.05	21.53	21.60	24.58	<=30	Pass
		Inner_1RB_Right	25.21	25.37	28.30	21.73	21.89	24.82	<=30	Pass
CP-OFDM 16 QAM	3460.02	Outer_Full	22.61	22.80	25.72	19.13	19.32	22.24	<=30	Pass
		Inner_Full	24.39	24.60	27.51	20.91	21.12	24.03	<=30	Pass
		Inner_1RB_Left	24.63	24.78	27.72	21.15	21.30	24.24	<=30	Pass
		Inner_1RB_Right	24.70	24.87	27.80	21.22	21.39	24.32	<=30	Pass
	3500.01	Outer_Full	22.60	22.77	25.70	19.12	19.29	22.22	<=30	Pass
		Inner_Full	24.54	24.72	27.64	21.06	21.24	24.16	<=30	Pass
		Inner_1RB_Left	24.52	24.65	27.60	21.04	21.17	24.12	<=30	Pass
		Inner_1RB_Right	24.65	24.81	27.74	21.17	21.33	24.26	<=30	Pass
	3540	Outer_Full	22.67	22.79	25.74	19.19	19.31	22.26	<=30	Pass
		Inner_Full	24.70	24.83	27.78	21.22	21.35	24.30	<=30	Pass
		Inner_1RB_Left	24.64	24.71	27.69	21.16	21.23	24.21	<=30	Pass
		Inner_1RB_Right	24.89	25.05	27.98	21.41	21.57	24.50	<=30	Pass
CP-OFDM 64 QAM	3460.02	Outer_Full	22.06	22.25	25.17	18.58	18.77	21.69	<=30	Pass
		Inner_Full	22.49	22.69	25.60	19.01	19.21	22.12	<=30	Pass
		Inner_1RB_Left	22.88	23.03	25.96	19.40	19.55	22.49	<=30	Pass
		Inner_1RB_Right	22.75	22.93	25.85	19.27	19.45	22.37	<=30	Pass
	3500.01	Outer_Full	22.11	22.28	25.21	18.63	18.80	21.73	<=30	Pass
		Inner_Full	22.51	22.69	25.61	19.03	19.21	22.13	<=30	Pass
		Inner_1RB_Left	22.69	22.81	25.76	19.21	19.33	22.28	<=30	Pass
		Inner_1RB_Right	22.85	23.01	25.94	19.37	19.53	22.46	<=30	Pass
	3540	Outer_Full	22.08	22.20	25.15	18.60	18.72	21.67	<=30	Pass
		Inner_Full	22.66	22.79	25.73	19.18	19.31	22.26	<=30	Pass
		Inner_1RB_Left	22.69	22.76	25.74	19.21	19.28	22.26	<=30	Pass
		Inner_1RB_Right	22.88	23.04	25.97	19.40	19.56	22.49	<=30	Pass
CP-OFDM 256 QAM	3460.02	Outer_Full	19.75	19.94	22.86	16.27	16.46	19.38	<=30	Pass
		Inner_Full	19.69	19.89	22.80	16.21	16.41	19.32	<=30	Pass
		Inner_1RB_Left	19.89	20.04	22.98	16.41	16.56	19.50	<=30	Pass
		Inner_1RB_Right	19.71	19.88	22.80	16.23	16.40	19.33	<=30	Pass
	3500.01	Outer_Full	18.94	19.12	22.04	15.46	15.64	18.56	<=30	Pass
		Inner_Full	18.97	19.16	22.08	15.49	15.68	18.60	<=30	Pass
		Inner_1RB_Left	18.95	19.08	22.03	15.47	15.60	18.55	<=30	Pass
		Inner_1RB_Right	19.14	19.30	22.23	15.66	15.82	18.75	<=30	Pass
	3540	Outer_Full	19.77	19.90	22.85	16.29	16.42	19.37	<=30	Pass
		Inner_Full	19.59	19.72	22.66	16.11	16.24	19.19	<=30	Pass
		Inner_1RB_Left	19.34	19.41	22.38	15.86	15.93	18.91	<=30	Pass
		Inner_1RB_Right	19.35	19.51	22.44	15.87	16.03	18.96	<=30	Pass

Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi;
Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

1.1.16 30k_MIMO_25MHz_NTNV_EIRP

5G NR n77d SCS=30kHz MIMO 25MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3462.51	Outer_Full	24.94	25.13	28.05	21.46	21.65	24.57	<=30	Pass
		Inner_Full	26.50	26.71	29.62	23.02	23.23	26.14	<=30	Pass
		Inner_1RB_Left	26.67	26.84	29.76	23.19	23.36	26.29	<=30	Pass
		Inner_1RB_Right	26.72	26.90	29.82	23.24	23.42	26.34	<=30	Pass
	3500.01	Outer_Full	25.04	25.20	28.13	21.56	21.72	24.65	<=30	Pass

		Inner_Full	26.46	26.64	29.56	22.98	23.16	26.08	<=30	Pass
		Inner_1RB_Left	26.64	26.76	29.71	23.16	23.28	26.23	<=30	Pass
		Inner_1RB_Right	26.67	26.80	29.75	23.19	23.32	26.27	<=30	Pass
	3537.48	Outer_Full	25.02	25.13	28.09	21.54	21.65	24.61	<=30	Pass
		Inner_Full	26.52	26.63	29.58	23.04	23.15	26.11	<=30	Pass
		Inner_1RB_Left	26.64	26.68	29.67	23.16	23.20	26.19	<=30	Pass
		Inner_1RB_Right	26.74	26.90	29.83	23.26	23.42	26.35	<=30	Pass
DFT-s-OFDM QPSK	3462.51	Outer_Full	24.49	24.68	27.59	21.01	21.20	24.12	<=30	Pass
		Inner_Full	26.48	26.69	29.60	23.00	23.21	26.12	<=30	Pass
		Inner_1RB_Left	26.64	26.81	29.74	23.16	23.33	26.26	<=30	Pass
		Inner_1RB_Right	26.65	26.83	29.75	23.17	23.35	26.27	<=30	Pass
	3500.01	Outer_Full	24.51	24.67	27.60	21.03	21.19	24.12	<=30	Pass
		Inner_Full	26.52	26.71	29.63	23.04	23.23	26.15	<=30	Pass
		Inner_1RB_Left	26.62	26.74	29.69	23.14	23.26	26.21	<=30	Pass
		Inner_1RB_Right	26.50	26.63	29.58	23.02	23.15	26.10	<=30	Pass
	3537.48	Outer_Full	24.52	24.63	27.59	21.04	21.15	24.11	<=30	Pass
		Inner_Full	26.45	26.56	29.51	22.97	23.08	26.04	<=30	Pass
		Inner_1RB_Left	26.51	26.55	29.54	23.03	23.07	26.06	<=30	Pass
		Inner_1RB_Right	26.67	26.82	29.76	23.19	23.34	26.28	<=30	Pass
DFT-s-OFDM 16 QAM	3462.51	Outer_Full	23.46	23.66	26.57	19.98	20.18	23.09	<=30	Pass
		Inner_Full	25.41	25.62	28.53	21.93	22.14	25.05	<=30	Pass
		Inner_1RB_Left	25.77	25.94	28.87	22.29	22.46	25.39	<=30	Pass
		Inner_1RB_Right	25.69	25.87	28.79	22.21	22.39	25.31	<=30	Pass
	3500.01	Outer_Full	23.62	23.78	26.71	20.14	20.30	23.23	<=30	Pass
		Inner_Full	25.55	25.74	28.66	22.07	22.26	25.18	<=30	Pass
		Inner_1RB_Left	25.72	25.83	28.79	22.24	22.35	25.31	<=30	Pass
		Inner_1RB_Right	25.69	25.83	28.77	22.21	22.35	25.29	<=30	Pass
	3537.48	Outer_Full	23.49	23.60	26.56	20.01	20.12	23.08	<=30	Pass
		Inner_Full	25.50	25.61	28.56	22.02	22.13	25.09	<=30	Pass
		Inner_1RB_Left	25.63	25.67	28.66	22.15	22.19	25.18	<=30	Pass
		Inner_1RB_Right	25.73	25.88	28.82	22.25	22.40	25.34	<=30	Pass
DFT-s-OFDM 64 QAM	3462.51	Outer_Full	23.08	23.27	26.19	19.60	19.79	22.71	<=30	Pass
		Inner_Full	23.56	23.76	26.67	20.08	20.28	23.19	<=30	Pass
		Inner_1RB_Left	23.95	24.12	27.05	20.47	20.64	23.57	<=30	Pass
		Inner_1RB_Right	23.75	23.93	26.85	20.27	20.45	23.37	<=30	Pass
	3500.01	Outer_Full	23.01	23.17	26.10	19.53	19.69	22.62	<=30	Pass
		Inner_Full	23.41	23.59	26.51	19.93	20.11	23.03	<=30	Pass
		Inner_1RB_Left	23.64	23.76	26.71	20.16	20.28	23.23	<=30	Pass
		Inner_1RB_Right	23.59	23.73	26.67	20.11	20.25	23.19	<=30	Pass
	3537.48	Outer_Full	23.00	23.11	26.06	19.52	19.63	22.59	<=30	Pass
		Inner_Full	23.40	23.52	26.47	19.92	20.04	22.99	<=30	Pass
		Inner_1RB_Left	23.85	23.90	26.89	20.37	20.42	23.41	<=30	Pass
		Inner_1RB_Right	23.69	23.85	26.78	20.21	20.37	23.30	<=30	Pass
DFT-s-OFDM 256 QAM	3462.51	Outer_Full	21.51	21.70	24.61	18.03	18.22	21.14	<=30	Pass
		Inner_Full	21.47	21.68	24.59	17.99	18.20	21.11	<=30	Pass
		Inner_1RB_Left	21.52	21.69	24.62	18.04	18.21	21.14	<=30	Pass
		Inner_1RB_Right	21.55	21.73	24.65	18.07	18.25	21.17	<=30	Pass
	3500.01	Outer_Full	21.30	21.47	24.40	17.82	17.99	20.92	<=30	Pass
		Inner_Full	21.33	21.51	24.43	17.85	18.03	20.95	<=30	Pass
		Inner_1RB_Left	21.51	21.63	24.58	18.03	18.15	21.10	<=30	Pass
		Inner_1RB_Right	21.43	21.57	24.51	17.95	18.09	21.03	<=30	Pass
	3537.48	Outer_Full	21.31	21.43	24.38	17.83	17.95	20.90	<=30	Pass
		Inner_Full	21.23	21.35	24.30	17.75	17.87	20.82	<=30	Pass
		Inner_1RB_Left	20.93	20.98	23.97	17.45	17.50	20.49	<=30	Pass
		Inner_1RB_Right	21.15	21.31	24.24	17.67	17.83	20.76	<=30	Pass
CP-OFDM QPSK	3462.51	Outer_Full	22.40	22.60	25.51	18.92	19.12	22.03	<=30	Pass
		Inner_Full	24.97	25.18	28.09	21.49	21.70	24.61	<=30	Pass
		Inner_1RB_Left	25.24	25.42	28.34	21.76	21.94	24.86	<=30	Pass
		Inner_1RB_Right	25.34	25.53	28.45	21.86	22.05	24.97	<=30	Pass

	3500.01	Outer_Full	22.43	22.59	25.52	18.95	19.11	22.04	<=30	Pass
		Inner_Full	24.95	25.13	28.05	21.47	21.65	24.57	<=30	Pass
		Inner_1RB_Left	25.24	25.35	28.31	21.76	21.87	24.83	<=30	Pass
		Inner_1RB_Right	25.17	25.31	28.25	21.69	21.83	24.77	<=30	Pass
	3537.48	Outer_Full	22.42	22.53	25.49	18.94	19.05	22.01	<=30	Pass
		Inner_Full	25.02	25.14	28.09	21.54	21.66	24.61	<=30	Pass
		Inner_1RB_Left	25.07	25.11	28.10	21.59	21.63	24.62	<=30	Pass
		Inner_1RB_Right	25.28	25.44	28.37	21.80	21.96	24.89	<=30	Pass
CP-OFDM 16 QAM	3462.51	Outer_Full	22.49	22.68	25.60	19.01	19.20	22.12	<=30	Pass
		Inner_Full	24.52	24.72	27.63	21.04	21.24	24.15	<=30	Pass
		Inner_1RB_Left	24.75	24.92	27.85	21.27	21.44	24.37	<=30	Pass
		Inner_1RB_Right	25.07	25.25	28.17	21.59	21.77	24.69	<=30	Pass
	3500.01	Outer_Full	22.53	22.69	25.62	19.05	19.21	22.14	<=30	Pass
		Inner_Full	24.38	24.56	27.48	20.90	21.08	24.00	<=30	Pass
		Inner_1RB_Left	24.90	25.01	27.97	21.42	21.53	24.49	<=30	Pass
		Inner_1RB_Right	25.04	25.18	28.12	21.56	21.70	24.64	<=30	Pass
	3537.48	Outer_Full	22.48	22.59	25.55	19.00	19.11	22.07	<=30	Pass
		Inner_Full	24.45	24.56	27.51	20.97	21.08	24.04	<=30	Pass
		Inner_1RB_Left	24.77	24.82	27.81	21.29	21.34	24.33	<=30	Pass
		Inner_1RB_Right	24.77	24.93	27.86	21.29	21.45	24.38	<=30	Pass
CP-OFDM 64 QAM	3462.51	Outer_Full	22.06	22.25	25.16	18.58	18.77	21.69	<=30	Pass
		Inner_Full	22.44	22.65	25.56	18.96	19.17	22.08	<=30	Pass
		Inner_1RB_Left	22.89	23.06	25.99	19.41	19.58	22.51	<=30	Pass
		Inner_1RB_Right	23.06	23.24	26.16	19.58	19.76	22.68	<=30	Pass
	3500.01	Outer_Full	22.04	22.21	25.14	18.56	18.73	21.66	<=30	Pass
		Inner_Full	22.48	22.67	25.58	19.00	19.19	22.11	<=30	Pass
		Inner_1RB_Left	22.97	23.09	26.04	19.49	19.61	22.56	<=30	Pass
		Inner_1RB_Right	22.88	23.02	25.96	19.40	19.54	22.48	<=30	Pass
	3537.48	Outer_Full	21.96	22.07	25.03	18.48	18.59	21.55	<=30	Pass
		Inner_Full	22.48	22.59	25.54	19.00	19.11	22.07	<=30	Pass
		Inner_1RB_Left	22.84	22.89	25.87	19.36	19.41	22.40	<=30	Pass
		Inner_1RB_Right	23.03	23.18	26.11	19.55	19.70	22.64	<=30	Pass
CP-OFDM 256 QAM	3462.51	Outer_Full	19.40	19.60	22.51	15.92	16.12	19.03	<=30	Pass
		Inner_Full	19.52	19.73	22.64	16.04	16.25	19.16	<=30	Pass
		Inner_1RB_Left	19.44	19.61	22.54	15.96	16.13	19.06	<=30	Pass
		Inner_1RB_Right	19.62	19.80	22.72	16.14	16.32	19.24	<=30	Pass
	3500.01	Outer_Full	19.56	19.73	22.65	16.08	16.25	19.18	<=30	Pass
		Inner_Full	19.50	19.68	22.60	16.02	16.20	19.12	<=30	Pass
		Inner_1RB_Left	19.41	19.53	22.48	15.93	16.05	19.00	<=30	Pass
		Inner_1RB_Right	19.52	19.66	22.60	16.04	16.18	19.12	<=30	Pass
	3537.48	Outer_Full	18.78	18.89	21.85	15.30	15.41	18.37	<=30	Pass
		Inner_Full	18.97	19.09	22.04	15.49	15.61	18.56	<=30	Pass
		Inner_1RB_Left	18.88	18.92	21.91	15.40	15.44	18.43	<=30	Pass
		Inner_1RB_Right	19.11	19.27	22.20	15.63	15.79	18.72	<=30	Pass

Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi;
Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

1.1.17 30k_MIMO_30MHz_NTNV_EIRP

5G NR n77d SCS=30kHz MIMO 30MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3465	Outer_Full	25.05	25.24	28.16	21.57	21.76	24.68	<=30	Pass
		Inner_Full	26.58	26.78	29.69	23.10	23.30	26.21	<=30	Pass
		Inner_1RB_Left	26.62	26.78	29.71	23.14	23.30	26.23	<=30	Pass
		Inner_1RB_Right	26.59	26.76	29.69	23.11	23.28	26.21	<=30	Pass
	3500.01	Outer_Full	25.12	25.28	28.21	21.64	21.80	24.73	<=30	Pass

		Inner_Full	26.62	26.80	29.72	23.14	23.32	26.24	<=30	Pass
		Inner_1RB_Left	26.73	26.85	29.80	23.25	23.37	26.32	<=30	Pass
		Inner_1RB_Right	26.62	26.74	29.69	23.14	23.26	26.21	<=30	Pass
	3534.99	Outer_Full	25.10	25.21	28.17	21.62	21.73	24.69	<=30	Pass
		Inner_Full	26.67	26.78	29.74	23.19	23.30	26.26	<=30	Pass
		Inner_1RB_Left	26.68	26.72	29.71	23.20	23.24	26.23	<=30	Pass
		Inner_1RB_Right	26.68	26.84	29.77	23.20	23.36	26.29	<=30	Pass
DFT-s-OFDM QPSK	3465	Outer_Full	24.60	24.78	27.70	21.12	21.30	24.22	<=30	Pass
		Inner_Full	26.57	26.77	29.68	23.09	23.29	26.20	<=30	Pass
		Inner_1RB_Left	26.47	26.63	29.56	22.99	23.15	26.08	<=30	Pass
		Inner_1RB_Right	26.53	26.70	29.63	23.05	23.22	26.15	<=30	Pass
	3500.01	Outer_Full	24.65	24.81	27.74	21.17	21.33	24.26	<=30	Pass
		Inner_Full	26.62	26.80	29.72	23.14	23.32	26.24	<=30	Pass
		Inner_1RB_Left	26.58	26.70	29.65	23.10	23.22	26.17	<=30	Pass
		Inner_1RB_Right	26.46	26.58	29.53	22.98	23.10	26.05	<=30	Pass
	3534.99	Outer_Full	24.60	24.70	27.66	21.12	21.22	24.18	<=30	Pass
		Inner_Full	26.66	26.76	29.72	23.18	23.28	26.24	<=30	Pass
		Inner_1RB_Left	26.60	26.63	29.63	23.12	23.15	26.15	<=30	Pass
		Inner_1RB_Right	26.70	26.86	29.79	23.22	23.38	26.31	<=30	Pass
DFT-s-OFDM 16 QAM	3465	Outer_Full	23.55	23.74	26.65	20.07	20.26	23.18	<=30	Pass
		Inner_Full	25.74	25.94	28.86	22.26	22.46	25.37	<=30	Pass
		Inner_1RB_Left	25.50	25.67	28.60	22.02	22.19	25.12	<=30	Pass
		Inner_1RB_Right	25.35	25.52	28.45	21.87	22.04	24.97	<=30	Pass
	3500.01	Outer_Full	23.58	23.74	26.67	20.10	20.26	23.19	<=30	Pass
		Inner_Full	25.72	25.90	28.82	22.24	22.42	25.34	<=30	Pass
		Inner_1RB_Left	25.72	25.85	28.80	22.24	22.37	25.32	<=30	Pass
		Inner_1RB_Right	25.77	25.89	28.84	22.29	22.41	25.36	<=30	Pass
	3534.99	Outer_Full	23.62	23.73	26.69	20.14	20.25	23.21	<=30	Pass
		Inner_Full	25.68	25.78	28.74	22.20	22.30	25.26	<=30	Pass
		Inner_1RB_Left	25.66	25.70	28.69	22.18	22.22	25.21	<=30	Pass
		Inner_1RB_Right	25.75	25.91	28.84	22.27	22.43	25.36	<=30	Pass
DFT-s-OFDM 64 QAM	3465	Outer_Full	23.17	23.36	26.27	19.69	19.88	22.80	<=30	Pass
		Inner_Full	23.48	23.68	26.59	20.00	20.20	23.11	<=30	Pass
		Inner_1RB_Left	23.44	23.60	26.53	19.96	20.12	23.05	<=30	Pass
		Inner_1RB_Right	23.66	23.83	26.75	20.18	20.35	23.28	<=30	Pass
	3500.01	Outer_Full	23.10	23.26	26.19	19.62	19.78	22.71	<=30	Pass
		Inner_Full	23.60	23.78	26.70	20.12	20.30	23.22	<=30	Pass
		Inner_1RB_Left	23.58	23.70	26.65	20.10	20.22	23.17	<=30	Pass
		Inner_1RB_Right	23.61	23.73	26.68	20.13	20.25	23.20	<=30	Pass
	3534.99	Outer_Full	23.10	23.21	26.16	19.62	19.73	22.69	<=30	Pass
		Inner_Full	23.52	23.62	26.58	20.04	20.14	23.10	<=30	Pass
		Inner_1RB_Left	23.47	23.51	26.50	19.99	20.03	23.02	<=30	Pass
		Inner_1RB_Right	23.59	23.76	26.69	20.11	20.28	23.21	<=30	Pass
DFT-s-OFDM 256 QAM	3465	Outer_Full	21.26	21.45	24.37	17.78	17.97	20.89	<=30	Pass
		Inner_Full	21.23	21.43	24.34	17.75	17.95	20.86	<=30	Pass
		Inner_1RB_Left	21.23	21.39	24.32	17.75	17.91	20.84	<=30	Pass
		Inner_1RB_Right	21.23	21.40	24.33	17.75	17.92	20.85	<=30	Pass
	3500.01	Outer_Full	21.09	21.25	24.18	17.61	17.77	20.70	<=30	Pass
		Inner_Full	21.08	21.26	24.18	17.60	17.78	20.70	<=30	Pass
		Inner_1RB_Left	21.19	21.31	24.26	17.71	17.83	20.78	<=30	Pass
		Inner_1RB_Right	20.99	21.11	24.06	17.51	17.63	20.58	<=30	Pass
	3534.99	Outer_Full	21.60	21.71	24.67	18.12	18.23	21.19	<=30	Pass
		Inner_Full	21.51	21.61	24.57	18.03	18.13	21.09	<=30	Pass
		Inner_1RB_Left	21.54	21.58	24.57	18.06	18.10	21.09	<=30	Pass
		Inner_1RB_Right	21.65	21.82	24.75	18.17	18.34	21.27	<=30	Pass
CP-OFDM QPSK	3465	Outer_Full	22.56	22.75	25.67	19.08	19.27	22.19	<=30	Pass
		Inner_Full	25.04	25.24	28.15	21.56	21.76	24.67	<=30	Pass
		Inner_1RB_Left	25.10	25.27	28.19	21.62	21.79	24.72	<=30	Pass
		Inner_1RB_Right	25.07	25.24	28.16	21.59	21.76	24.69	<=30	Pass

	3500.01	Outer_Full	22.57	22.73	25.66	19.09	19.25	22.18	<=30	Pass
		Inner_Full	25.09	25.27	28.19	21.61	21.79	24.71	<=30	Pass
		Inner_1RB_Left	25.11	25.23	28.18	21.63	21.75	24.70	<=30	Pass
		Inner_1RB_Right	24.92	25.04	27.99	21.44	21.56	24.51	<=30	Pass
	3534.99	Outer_Full	22.65	22.76	25.71	19.17	19.28	22.24	<=30	Pass
		Inner_Full	25.13	25.24	28.19	21.65	21.76	24.72	<=30	Pass
		Inner_1RB_Left	24.99	25.03	28.02	21.51	21.55	24.54	<=30	Pass
		Inner_1RB_Right	25.20	25.36	28.29	21.72	21.88	24.81	<=30	Pass
CP-OFDM 16 QAM	3465	Outer_Full	22.53	22.72	25.64	19.05	19.24	22.16	<=30	Pass
		Inner_Full	24.50	24.70	27.61	21.02	21.22	24.13	<=30	Pass
		Inner_1RB_Left	24.55	24.71	27.64	21.07	21.23	24.16	<=30	Pass
		Inner_1RB_Right	24.66	24.83	27.76	21.18	21.35	24.28	<=30	Pass
	3500.01	Outer_Full	22.60	22.75	25.69	19.12	19.27	22.21	<=30	Pass
		Inner_Full	24.60	24.78	27.70	21.12	21.30	24.22	<=30	Pass
		Inner_1RB_Left	24.58	24.70	27.65	21.10	21.22	24.17	<=30	Pass
		Inner_1RB_Right	24.58	24.70	27.65	21.10	21.22	24.17	<=30	Pass
	3534.99	Outer_Full	22.63	22.74	25.70	19.15	19.26	22.22	<=30	Pass
		Inner_Full	24.65	24.76	27.71	21.17	21.28	24.24	<=30	Pass
		Inner_1RB_Left	24.63	24.67	27.66	21.15	21.19	24.18	<=30	Pass
		Inner_1RB_Right	24.92	25.09	28.01	21.44	21.61	24.54	<=30	Pass
CP-OFDM 64 QAM	3465	Outer_Full	22.06	22.25	25.17	18.58	18.77	21.69	<=30	Pass
		Inner_Full	22.62	22.82	25.73	19.14	19.34	22.25	<=30	Pass
		Inner_1RB_Left	22.54	22.70	25.63	19.06	19.22	22.15	<=30	Pass
		Inner_1RB_Right	22.50	22.67	25.60	19.02	19.19	22.12	<=30	Pass
	3500.01	Outer_Full	22.11	22.26	25.20	18.63	18.78	21.72	<=30	Pass
		Inner_Full	22.57	22.75	25.67	19.09	19.27	22.19	<=30	Pass
		Inner_1RB_Left	22.69	22.81	25.76	19.21	19.33	22.28	<=30	Pass
		Inner_1RB_Right	22.58	22.70	25.65	19.10	19.22	22.17	<=30	Pass
	3534.99	Outer_Full	22.13	22.24	25.20	18.65	18.76	21.72	<=30	Pass
		Inner_Full	22.60	22.71	25.67	19.12	19.23	22.19	<=30	Pass
		Inner_1RB_Left	22.64	22.67	25.66	19.16	19.19	22.19	<=30	Pass
		Inner_1RB_Right	22.65	22.82	25.75	19.17	19.34	22.27	<=30	Pass
CP-OFDM 256 QAM	3465	Outer_Full	19.32	19.51	22.42	15.84	16.03	18.95	<=30	Pass
		Inner_Full	19.26	19.46	22.37	15.78	15.98	18.89	<=30	Pass
		Inner_1RB_Left	19.34	19.50	22.43	15.86	16.02	18.95	<=30	Pass
		Inner_1RB_Right	19.29	19.46	22.38	15.81	15.98	18.91	<=30	Pass
	3500.01	Outer_Full	19.33	19.49	22.42	15.85	16.01	18.94	<=30	Pass
		Inner_Full	19.37	19.55	22.47	15.89	16.07	18.99	<=30	Pass
		Inner_1RB_Left	19.47	19.60	22.55	15.99	16.12	19.07	<=30	Pass
		Inner_1RB_Right	19.40	19.53	22.47	15.92	16.05	19.00	<=30	Pass
	3534.99	Outer_Full	19.30	19.41	22.36	15.82	15.93	18.89	<=30	Pass
		Inner_Full	19.37	19.48	22.44	15.89	16.00	18.96	<=30	Pass
		Inner_1RB_Left	19.43	19.47	22.46	15.95	15.99	18.98	<=30	Pass
		Inner_1RB_Right	19.55	19.72	22.65	16.07	16.24	19.17	<=30	Pass

Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi;
Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

1.1.18 30k_MIMO_40MHz_NTNV_EIRP

5G NR n77d SCS=30kHz MIMO 40MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3470.01	Outer_Full	25.07	25.27	28.18	21.59	21.79	24.70	<=30	Pass
		Inner_Full	26.60	26.80	29.71	23.12	23.32	26.23	<=30	Pass
		Inner_1RB_Left	26.61	26.80	29.72	23.13	23.32	26.24	<=30	Pass
		Inner_1RB_Right	26.55	26.74	29.65	23.07	23.26	26.18	<=30	Pass
	3500.01	Outer_Full	25.07	25.21	28.15	21.59	21.73	24.67	<=30	Pass

		Inner_Full	26.66	26.83	29.75	23.18	23.35	26.28	<=30	Pass
		Inner_1RB_Left	26.68	26.83	29.76	23.20	23.35	26.29	<=30	Pass
		Inner_1RB_Right	26.69	26.79	29.75	23.21	23.31	26.27	<=30	Pass
	3529.98	Outer_Full	25.14	25.23	28.20	21.66	21.75	24.72	<=30	Pass
		Inner_Full	26.63	26.70	29.67	23.15	23.22	26.20	<=30	Pass
		Inner_1RB_Left	26.63	26.73	29.69	23.15	23.25	26.21	<=30	Pass
		Inner_1RB_Right	26.67	26.84	29.76	23.19	23.36	26.29	<=30	Pass
DFT-s-OFDM QPSK	3470.01	Outer_Full	24.57	24.77	27.68	21.09	21.29	24.20	<=30	Pass
		Inner_Full	26.60	26.80	29.71	23.12	23.32	26.23	<=30	Pass
		Inner_1RB_Left	26.61	26.79	29.71	23.13	23.31	26.23	<=30	Pass
		Inner_1RB_Right	26.47	26.66	29.58	22.99	23.18	26.10	<=30	Pass
	3500.01	Outer_Full	24.55	24.70	27.63	21.07	21.22	24.16	<=30	Pass
		Inner_Full	26.63	26.80	29.73	23.15	23.32	26.25	<=30	Pass
		Inner_1RB_Left	26.59	26.73	29.67	23.11	23.25	26.19	<=30	Pass
		Inner_1RB_Right	26.50	26.60	29.56	23.02	23.12	26.08	<=30	Pass
	3529.98	Outer_Full	24.66	24.74	27.71	21.18	21.26	24.23	<=30	Pass
		Inner_Full	26.58	26.65	29.62	23.10	23.17	26.15	<=30	Pass
		Inner_1RB_Left	26.51	26.61	29.57	23.03	23.13	26.09	<=30	Pass
		Inner_1RB_Right	26.60	26.77	29.69	23.12	23.29	26.22	<=30	Pass
DFT-s-OFDM 16 QAM	3470.01	Outer_Full	23.53	23.73	26.64	20.05	20.25	23.16	<=30	Pass
		Inner_Full	25.58	25.78	28.69	22.10	22.30	25.21	<=30	Pass
		Inner_1RB_Left	25.55	25.73	28.65	22.07	22.25	25.17	<=30	Pass
		Inner_1RB_Right	25.57	25.76	28.67	22.09	22.28	25.20	<=30	Pass
	3500.01	Outer_Full	23.58	23.73	26.67	20.10	20.25	23.19	<=30	Pass
		Inner_Full	25.62	25.80	28.72	22.14	22.32	25.24	<=30	Pass
		Inner_1RB_Left	25.73	25.88	28.81	22.25	22.40	25.34	<=30	Pass
		Inner_1RB_Right	25.53	25.64	28.59	22.05	22.16	25.12	<=30	Pass
	3529.98	Outer_Full	23.64	23.73	26.69	20.16	20.25	23.22	<=30	Pass
		Inner_Full	25.61	25.69	28.66	22.13	22.21	25.18	<=30	Pass
		Inner_1RB_Left	25.54	25.64	28.60	22.06	22.16	25.12	<=30	Pass
		Inner_1RB_Right	25.85	26.02	28.95	22.37	22.54	25.47	<=30	Pass
DFT-s-OFDM 64 QAM	3470.01	Outer_Full	23.06	23.27	26.18	19.58	19.79	22.70	<=30	Pass
		Inner_Full	23.61	23.81	26.72	20.13	20.33	23.24	<=30	Pass
		Inner_1RB_Left	23.71	23.89	26.81	20.23	20.41	23.33	<=30	Pass
		Inner_1RB_Right	23.36	23.55	26.47	19.88	20.07	22.99	<=30	Pass
	3500.01	Outer_Full	23.02	23.17	26.10	19.54	19.69	22.63	<=30	Pass
		Inner_Full	23.61	23.78	26.71	20.13	20.30	23.23	<=30	Pass
		Inner_1RB_Left	23.59	23.74	26.68	20.11	20.26	23.20	<=30	Pass
		Inner_1RB_Right	23.59	23.70	26.65	20.11	20.22	23.18	<=30	Pass
	3529.98	Outer_Full	23.13	23.22	26.19	19.65	19.74	22.71	<=30	Pass
		Inner_Full	23.57	23.64	26.61	20.09	20.16	23.14	<=30	Pass
		Inner_1RB_Left	23.54	23.64	26.60	20.06	20.16	23.12	<=30	Pass
		Inner_1RB_Right	23.65	23.82	26.75	20.17	20.34	23.27	<=30	Pass
DFT-s-OFDM 256 QAM	3470.01	Outer_Full	21.41	21.61	24.52	17.93	18.13	21.04	<=30	Pass
		Inner_Full	21.40	21.60	24.51	17.92	18.12	21.03	<=30	Pass
		Inner_1RB_Left	21.44	21.62	24.54	17.96	18.14	21.06	<=30	Pass
		Inner_1RB_Right	21.39	21.59	24.50	17.91	18.11	21.02	<=30	Pass
	3500.01	Outer_Full	21.19	21.34	24.28	17.71	17.86	20.80	<=30	Pass
		Inner_Full	21.00	21.17	24.10	17.52	17.69	20.62	<=30	Pass
		Inner_1RB_Left	21.10	21.25	24.19	17.62	17.77	20.71	<=30	Pass
		Inner_1RB_Right	21.00	21.11	24.07	17.52	17.63	20.59	<=30	Pass
	3529.98	Outer_Full	21.29	21.38	24.34	17.81	17.90	20.87	<=30	Pass
		Inner_Full	21.22	21.30	24.27	17.74	17.82	20.79	<=30	Pass
		Inner_1RB_Left	21.06	21.17	24.13	17.58	17.69	20.65	<=30	Pass
		Inner_1RB_Right	21.48	21.66	24.58	18.00	18.18	21.10	<=30	Pass
CP-OFDM QPSK	3470.01	Outer_Full	22.54	22.75	25.66	19.06	19.27	22.18	<=30	Pass
		Inner_Full	25.05	25.26	28.17	21.57	21.78	24.69	<=30	Pass
		Inner_1RB_Left	25.26	25.44	28.36	21.78	21.96	24.88	<=30	Pass
		Inner_1RB_Right	25.19	25.39	28.30	21.71	21.91	24.82	<=30	Pass

	3500.01	Outer_Full	22.46	22.61	25.55	18.98	19.13	22.07	<=30	Pass
		Inner_Full	25.08	25.26	28.18	21.60	21.78	24.70	<=30	Pass
		Inner_1RB_Left	25.17	25.32	28.25	21.69	21.84	24.78	<=30	Pass
		Inner_1RB_Right	25.13	25.24	28.20	21.65	21.76	24.72	<=30	Pass
	3529.98	Outer_Full	22.59	22.68	25.64	19.11	19.20	22.17	<=30	Pass
		Inner_Full	25.03	25.11	28.08	21.55	21.63	24.60	<=30	Pass
		Inner_1RB_Left	25.14	25.24	28.20	21.66	21.76	24.72	<=30	Pass
		Inner_1RB_Right	25.27	25.44	28.37	21.79	21.96	24.89	<=30	Pass
CP-OFDM 16 QAM	3470.01	Outer_Full	22.60	22.80	25.71	19.12	19.32	22.23	<=30	Pass
		Inner_Full	24.59	24.80	27.70	21.11	21.32	24.23	<=30	Pass
		Inner_1RB_Left	24.76	24.95	27.87	21.28	21.47	24.39	<=30	Pass
		Inner_1RB_Right	24.64	24.83	27.75	21.16	21.35	24.27	<=30	Pass
	3500.01	Outer_Full	22.41	22.56	25.50	18.93	19.08	22.02	<=30	Pass
		Inner_Full	24.59	24.77	27.69	21.11	21.29	24.21	<=30	Pass
		Inner_1RB_Left	24.90	25.05	27.98	21.42	21.57	24.51	<=30	Pass
		Inner_1RB_Right	24.76	24.86	27.82	21.28	21.38	24.34	<=30	Pass
	3529.98	Outer_Full	22.61	22.70	25.67	19.13	19.22	22.19	<=30	Pass
		Inner_Full	24.61	24.68	27.65	21.13	21.20	24.18	<=30	Pass
		Inner_1RB_Left	24.44	24.54	27.50	20.96	21.06	24.02	<=30	Pass
		Inner_1RB_Right	24.44	24.61	27.54	20.96	21.13	24.06	<=30	Pass
CP-OFDM 64 QAM	3470.01	Outer_Full	22.10	22.30	25.21	18.62	18.82	21.73	<=30	Pass
		Inner_Full	22.54	22.74	25.65	19.06	19.26	22.17	<=30	Pass
		Inner_1RB_Left	22.64	22.82	25.74	19.16	19.34	22.26	<=30	Pass
		Inner_1RB_Right	22.58	22.77	25.69	19.10	19.29	22.21	<=30	Pass
	3500.01	Outer_Full	21.93	22.08	25.01	18.45	18.60	21.54	<=30	Pass
		Inner_Full	22.50	22.68	25.60	19.02	19.20	22.12	<=30	Pass
		Inner_1RB_Left	22.80	22.95	25.89	19.32	19.47	22.41	<=30	Pass
		Inner_1RB_Right	22.83	22.93	25.89	19.35	19.45	22.41	<=30	Pass
	3529.98	Outer_Full	22.06	22.15	25.12	18.58	18.67	21.64	<=30	Pass
		Inner_Full	22.55	22.63	25.61	19.07	19.15	22.12	<=30	Pass
		Inner_1RB_Left	22.71	22.81	25.77	19.23	19.33	22.29	<=30	Pass
		Inner_1RB_Right	22.72	22.89	25.82	19.24	19.41	22.34	<=30	Pass
CP-OFDM 256 QAM	3470.01	Outer_Full	19.58	19.78	22.69	16.10	16.30	19.21	<=30	Pass
		Inner_Full	19.68	19.89	22.80	16.20	16.41	19.32	<=30	Pass
		Inner_1RB_Left	19.50	19.68	22.60	16.02	16.20	19.12	<=30	Pass
		Inner_1RB_Right	19.38	19.57	22.48	15.90	16.09	19.01	<=30	Pass
	3500.01	Outer_Full	18.77	18.93	21.86	15.29	15.45	18.38	<=30	Pass
		Inner_Full	18.95	19.12	22.05	15.47	15.64	18.57	<=30	Pass
		Inner_1RB_Left	19.01	19.16	22.10	15.53	15.68	18.62	<=30	Pass
		Inner_1RB_Right	18.93	19.04	22.00	15.45	15.56	18.52	<=30	Pass
	3529.98	Outer_Full	19.35	19.45	22.41	15.87	15.97	18.93	<=30	Pass
		Inner_Full	19.49	19.57	22.54	16.01	16.09	19.06	<=30	Pass
		Inner_1RB_Left	19.52	19.62	22.58	16.04	16.14	19.10	<=30	Pass
		Inner_1RB_Right	19.53	19.70	22.63	16.05	16.22	19.15	<=30	Pass

Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi;
Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

1.1.19 30k_MIMO_50MHz_NTNV_EIRP

5G NR n77d SCS=30kHz MIMO 50MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3475.02	Outer_Full	24.98	25.13	28.07	21.50	21.65	24.59	<=30	Pass
		Inner_Full	26.63	26.77	29.71	23.15	23.29	26.23	<=30	Pass
		Inner_1RB_Left	26.61	26.73	29.68	23.13	23.25	26.20	<=30	Pass
		Inner_1RB_Right	26.56	26.75	29.67	23.08	23.27	26.19	<=30	Pass
	3500.01	Outer_Full	25.15	25.30	28.24	21.67	21.82	24.76	<=30	Pass

		Inner_Full	26.66	26.82	29.75	23.18	23.34	26.27	<=30	Pass
		Inner_1RB_Left	26.61	26.76	29.70	23.13	23.28	26.22	<=30	Pass
		Inner_1RB_Right	26.49	26.61	29.56	23.01	23.13	26.08	<=30	Pass
	3525	Outer_Full	24.97	25.07	28.03	21.49	21.59	24.55	<=30	Pass
		Inner_Full	26.52	26.59	29.56	23.04	23.11	26.09	<=30	Pass
		Inner_1RB_Left	26.62	26.77	29.71	23.14	23.29	26.23	<=30	Pass
		Inner_1RB_Right	26.61	26.78	29.71	23.13	23.30	26.23	<=30	Pass
DFT-s-OFDM QPSK	3475.02	Outer_Full	24.58	24.73	27.67	21.10	21.25	24.19	<=30	Pass
		Inner_Full	26.63	26.77	29.71	23.15	23.29	26.23	<=30	Pass
		Inner_1RB_Left	26.50	26.61	29.57	23.02	23.13	26.09	<=30	Pass
		Inner_1RB_Right	26.53	26.72	29.64	23.05	23.24	26.16	<=30	Pass
	3500.01	Outer_Full	24.59	24.73	27.67	21.11	21.25	24.19	<=30	Pass
		Inner_Full	26.69	26.85	29.78	23.21	23.37	26.30	<=30	Pass
		Inner_1RB_Left	26.54	26.68	29.62	23.06	23.20	26.14	<=30	Pass
		Inner_1RB_Right	26.44	26.55	29.51	22.96	23.07	26.03	<=30	Pass
	3525	Outer_Full	24.56	24.67	27.63	21.08	21.19	24.15	<=30	Pass
		Inner_Full	26.56	26.63	29.60	23.08	23.15	26.13	<=30	Pass
		Inner_1RB_Left	26.50	26.64	29.58	23.02	23.16	26.10	<=30	Pass
		Inner_1RB_Right	26.61	26.78	29.71	23.13	23.30	26.23	<=30	Pass
DFT-s-OFDM 16 QAM	3475.02	Outer_Full	23.53	23.67	26.61	20.05	20.19	23.13	<=30	Pass
		Inner_Full	25.67	25.81	28.75	22.19	22.33	25.27	<=30	Pass
		Inner_1RB_Left	25.68	25.79	28.74	22.20	22.31	25.27	<=30	Pass
		Inner_1RB_Right	25.63	25.82	28.73	22.15	22.34	25.26	<=30	Pass
	3500.01	Outer_Full	23.55	23.69	26.63	20.07	20.21	23.15	<=30	Pass
		Inner_Full	25.75	25.91	28.84	22.27	22.43	25.36	<=30	Pass
		Inner_1RB_Left	25.72	25.86	28.80	22.24	22.38	25.32	<=30	Pass
		Inner_1RB_Right	25.57	25.68	28.63	22.09	22.20	25.16	<=30	Pass
	3525	Outer_Full	23.54	23.65	26.61	20.06	20.17	23.13	<=30	Pass
		Inner_Full	25.55	25.62	28.60	22.07	22.14	25.12	<=30	Pass
		Inner_1RB_Left	25.41	25.56	28.49	21.93	22.08	25.02	<=30	Pass
		Inner_1RB_Right	25.59	25.77	28.69	22.11	22.29	25.21	<=30	Pass
DFT-s-OFDM 64 QAM	3475.02	Outer_Full	23.03	23.18	26.12	19.55	19.70	22.64	<=30	Pass
		Inner_Full	23.52	23.66	26.61	20.04	20.18	23.12	<=30	Pass
		Inner_1RB_Left	23.49	23.60	26.56	20.01	20.12	23.08	<=30	Pass
		Inner_1RB_Right	23.45	23.64	26.56	19.97	20.16	23.08	<=30	Pass
	3500.01	Outer_Full	23.00	23.15	26.09	19.52	19.67	22.61	<=30	Pass
		Inner_Full	23.57	23.73	26.66	20.09	20.25	23.18	<=30	Pass
		Inner_1RB_Left	23.63	23.77	26.71	20.15	20.29	23.23	<=30	Pass
		Inner_1RB_Right	23.42	23.54	26.49	19.94	20.06	23.01	<=30	Pass
	3525	Outer_Full	23.09	23.20	26.16	19.61	19.72	22.68	<=30	Pass
		Inner_Full	23.49	23.56	26.53	20.01	20.08	23.06	<=30	Pass
		Inner_1RB_Left	23.54	23.68	26.62	20.06	20.20	23.14	<=30	Pass
		Inner_1RB_Right	23.51	23.69	26.61	20.03	20.21	23.13	<=30	Pass
DFT-s-OFDM 256 QAM	3475.02	Outer_Full	21.54	21.68	24.62	18.06	18.20	21.14	<=30	Pass
		Inner_Full	21.69	21.83	24.77	18.21	18.35	21.29	<=30	Pass
		Inner_1RB_Left	21.50	21.62	24.57	18.02	18.14	21.09	<=30	Pass
		Inner_1RB_Right	21.65	21.84	24.76	18.17	18.36	21.28	<=30	Pass
	3500.01	Outer_Full	21.46	21.61	24.55	17.98	18.13	21.07	<=30	Pass
		Inner_Full	21.66	21.83	24.76	18.18	18.35	21.28	<=30	Pass
		Inner_1RB_Left	21.54	21.68	24.62	18.06	18.20	21.14	<=30	Pass
		Inner_1RB_Right	21.47	21.58	24.54	17.99	18.10	21.06	<=30	Pass
	3525	Outer_Full	21.41	21.51	24.47	17.93	18.03	20.99	<=30	Pass
		Inner_Full	21.53	21.60	24.58	18.05	18.12	21.10	<=30	Pass
		Inner_1RB_Left	21.41	21.55	24.49	17.93	18.07	21.01	<=30	Pass
		Inner_1RB_Right	21.60	21.78	24.70	18.12	18.30	21.22	<=30	Pass
CP-OFDM QPSK	3475.02	Outer_Full	22.48	22.62	25.56	19.00	19.14	22.08	<=30	Pass
		Inner_Full	25.05	25.19	28.13	21.57	21.71	24.65	<=30	Pass
		Inner_1RB_Left	25.18	25.30	28.25	21.70	21.82	24.77	<=30	Pass
		Inner_1RB_Right	24.97	25.16	28.08	21.49	21.68	24.60	<=30	Pass

	3500.01	Outer_Full	22.52	22.67	25.61	19.04	19.19	22.13	<=30	Pass
		Inner_Full	25.19	25.36	28.29	21.71	21.88	24.81	<=30	Pass
		Inner_1RB_Left	25.13	25.28	28.21	21.65	21.80	24.74	<=30	Pass
		Inner_1RB_Right	25.01	25.12	28.07	21.53	21.64	24.60	<=30	Pass
	3525	Outer_Full	22.53	22.64	25.59	19.05	19.16	22.12	<=30	Pass
		Inner_Full	24.99	25.07	28.04	21.51	21.59	24.56	<=30	Pass
		Inner_1RB_Left	25.06	25.20	28.14	21.58	21.72	24.66	<=30	Pass
		Inner_1RB_Right	25.06	25.24	28.16	21.58	21.76	24.68	<=30	Pass
CP-OFDM 16 QAM	3475.02	Outer_Full	22.58	22.72	25.66	19.10	19.24	22.18	<=30	Pass
		Inner_Full	24.63	24.77	27.71	21.15	21.29	24.23	<=30	Pass
		Inner_1RB_Left	24.31	24.42	27.38	20.83	20.94	23.90	<=30	Pass
		Inner_1RB_Right	24.27	24.45	27.37	20.79	20.97	23.89	<=30	Pass
	3500.01	Outer_Full	22.58	22.73	25.67	19.10	19.25	22.19	<=30	Pass
		Inner_Full	24.62	24.79	27.72	21.14	21.31	24.24	<=30	Pass
		Inner_1RB_Left	24.53	24.68	27.61	21.05	21.20	24.14	<=30	Pass
		Inner_1RB_Right	24.36	24.48	27.43	20.88	21.00	23.95	<=30	Pass
	3525	Outer_Full	22.53	22.64	25.60	19.05	19.16	22.12	<=30	Pass
		Inner_Full	24.53	24.61	27.58	21.05	21.13	24.10	<=30	Pass
		Inner_1RB_Left	24.54	24.68	27.62	21.06	21.20	24.14	<=30	Pass
		Inner_1RB_Right	24.45	24.63	27.55	20.97	21.15	24.07	<=30	Pass
CP-OFDM 64 QAM	3475.02	Outer_Full	21.90	22.05	24.98	18.42	18.57	21.51	<=30	Pass
		Inner_Full	22.66	22.79	25.74	19.18	19.31	22.26	<=30	Pass
		Inner_1RB_Left	22.71	22.82	25.77	19.23	19.34	22.30	<=30	Pass
		Inner_1RB_Right	22.57	22.76	25.67	19.09	19.28	22.20	<=30	Pass
	3500.01	Outer_Full	22.10	22.25	25.19	18.62	18.77	21.71	<=30	Pass
		Inner_Full	22.68	22.84	25.77	19.20	19.36	22.29	<=30	Pass
		Inner_1RB_Left	22.74	22.88	25.82	19.26	19.40	22.34	<=30	Pass
		Inner_1RB_Right	22.42	22.53	25.49	18.94	19.05	22.01	<=30	Pass
	3525	Outer_Full	22.08	22.20	25.15	18.60	18.72	21.67	<=30	Pass
		Inner_Full	22.52	22.60	25.57	19.04	19.12	22.09	<=30	Pass
		Inner_1RB_Left	22.50	22.65	25.59	19.02	19.17	22.11	<=30	Pass
		Inner_1RB_Right	22.72	22.90	25.82	19.24	19.42	22.34	<=30	Pass
CP-OFDM 256 QAM	3475.02	Outer_Full	19.63	19.78	22.72	16.15	16.30	19.24	<=30	Pass
		Inner_Full	19.71	19.85	22.79	16.23	16.37	19.31	<=30	Pass
		Inner_1RB_Left	19.69	19.80	22.76	16.21	16.32	19.28	<=30	Pass
		Inner_1RB_Right	19.86	20.05	22.97	16.38	16.57	19.49	<=30	Pass
	3500.01	Outer_Full	19.71	19.86	22.80	16.23	16.38	19.32	<=30	Pass
		Inner_Full	19.75	19.92	22.85	16.27	16.44	19.37	<=30	Pass
		Inner_1RB_Left	19.82	19.97	22.91	16.34	16.49	19.43	<=30	Pass
		Inner_1RB_Right	19.48	19.59	22.54	16.00	16.11	19.07	<=30	Pass
	3525	Outer_Full	19.68	19.79	22.75	16.20	16.31	19.27	<=30	Pass
		Inner_Full	19.65	19.73	22.70	16.17	16.25	19.22	<=30	Pass
		Inner_1RB_Left	19.74	19.89	22.83	16.26	16.41	19.35	<=30	Pass
		Inner_1RB_Right	19.62	19.80	22.72	16.14	16.32	19.24	<=30	Pass

Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi;
Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

1.1.20 30k_MIMO_60MHz_NTNV_EIRP

5G NR n77d SCS=30kHz MIMO 60MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3480	Outer_Full	25.09	25.20	28.16	21.61	21.72	24.68	<=30	Pass
		Inner_Full	26.67	26.75	29.72	23.19	23.27	26.24	<=30	Pass
		Inner_1RB_Left	26.67	26.74	29.71	23.19	23.26	26.24	<=30	Pass
		Inner_1RB_Right	26.56	26.71	29.64	23.08	23.23	26.17	<=30	Pass
	3500.01	Outer_Full	25.20	25.34	28.28	21.72	21.86	24.80	<=30	Pass

		Inner_Full	26.74	26.89	29.83	23.26	23.41	26.35	<=30	Pass
		Inner_1RB_Left	26.69	26.81	29.76	23.21	23.33	26.28	<=30	Pass
		Inner_1RB_Right	26.45	26.59	29.53	22.97	23.11	26.05	<=30	Pass
	3519.99	Outer_Full	25.08	25.23	28.17	21.60	21.75	24.69	<=30	Pass
		Inner_Full	26.52	26.64	29.59	23.04	23.16	26.11	<=30	Pass
		Inner_1RB_Left	26.55	26.67	29.62	23.07	23.19	26.14	<=30	Pass
		Inner_1RB_Right	26.58	26.81	29.70	23.10	23.33	26.23	<=30	Pass
DFT-s-OFDM QPSK	3480	Outer_Full	24.68	24.78	27.74	21.20	21.30	24.26	<=30	Pass
		Inner_Full	26.66	26.74	29.71	23.18	23.26	26.23	<=30	Pass
		Inner_1RB_Left	26.54	26.60	29.58	23.06	23.12	26.10	<=30	Pass
		Inner_1RB_Right	26.49	26.63	29.57	23.01	23.15	26.09	<=30	Pass
	3500.01	Outer_Full	24.57	24.71	27.65	21.09	21.23	24.17	<=30	Pass
		Inner_Full	26.68	26.84	29.77	23.20	23.36	26.29	<=30	Pass
		Inner_1RB_Left	26.56	26.68	29.63	23.08	23.20	26.15	<=30	Pass
		Inner_1RB_Right	26.47	26.61	29.55	22.99	23.13	26.07	<=30	Pass
	3519.99	Outer_Full	24.49	24.64	27.58	21.01	21.16	24.10	<=30	Pass
		Inner_Full	26.59	26.71	29.66	23.11	23.23	26.18	<=30	Pass
		Inner_1RB_Left	26.45	26.57	29.52	22.97	23.09	26.04	<=30	Pass
		Inner_1RB_Right	26.43	26.67	29.56	22.95	23.19	26.08	<=30	Pass
DFT-s-OFDM 16 QAM	3480	Outer_Full	23.61	23.71	26.67	20.13	20.23	23.19	<=30	Pass
		Inner_Full	25.75	25.83	28.80	22.27	22.35	25.32	<=30	Pass
		Inner_1RB_Left	25.73	25.79	28.77	22.25	22.31	25.29	<=30	Pass
		Inner_1RB_Right	25.66	25.81	28.74	22.18	22.33	25.27	<=30	Pass
	3500.01	Outer_Full	23.66	23.80	26.74	20.18	20.32	23.26	<=30	Pass
		Inner_Full	25.66	25.81	28.75	22.18	22.33	25.27	<=30	Pass
		Inner_1RB_Left	25.74	25.86	28.81	22.26	22.38	25.33	<=30	Pass
		Inner_1RB_Right	25.62	25.76	28.70	22.14	22.28	25.22	<=30	Pass
	3519.99	Outer_Full	23.67	23.82	26.75	20.19	20.34	23.28	<=30	Pass
		Inner_Full	25.59	25.70	28.66	22.11	22.22	25.18	<=30	Pass
		Inner_1RB_Left	25.70	25.82	28.77	22.22	22.34	25.29	<=30	Pass
		Inner_1RB_Right	25.82	26.05	28.95	22.34	22.57	25.47	<=30	Pass
DFT-s-OFDM 64 QAM	3480	Outer_Full	23.09	23.19	26.15	19.61	19.71	22.67	<=30	Pass
		Inner_Full	23.70	23.78	26.75	20.22	20.30	23.27	<=30	Pass
		Inner_1RB_Left	23.61	23.67	26.65	20.13	20.19	23.17	<=30	Pass
		Inner_1RB_Right	23.39	23.53	26.47	19.91	20.05	22.99	<=30	Pass
	3500.01	Outer_Full	23.17	23.31	26.26	19.69	19.83	22.77	<=30	Pass
		Inner_Full	23.66	23.82	26.75	20.18	20.34	23.27	<=30	Pass
		Inner_1RB_Left	23.50	23.62	26.57	20.02	20.14	23.09	<=30	Pass
		Inner_1RB_Right	23.35	23.50	26.44	19.87	20.02	22.96	<=30	Pass
	3519.99	Outer_Full	23.05	23.20	26.14	19.57	19.72	22.66	<=30	Pass
		Inner_Full	23.63	23.74	26.70	20.15	20.26	23.22	<=30	Pass
		Inner_1RB_Left	23.58	23.70	26.65	20.10	20.22	23.17	<=30	Pass
		Inner_1RB_Right	23.58	23.81	26.71	20.10	20.33	23.23	<=30	Pass
DFT-s-OFDM 256 QAM	3480	Outer_Full	21.71	21.81	24.77	18.23	18.33	21.29	<=30	Pass
		Inner_Full	21.83	21.92	24.89	18.35	18.44	21.41	<=30	Pass
		Inner_1RB_Left	21.63	21.69	24.67	18.15	18.21	21.19	<=30	Pass
		Inner_1RB_Right	21.77	21.91	24.85	18.29	18.43	21.37	<=30	Pass
	3500.01	Outer_Full	21.16	21.30	24.24	17.68	17.82	20.76	<=30	Pass
		Inner_Full	21.23	21.39	24.32	17.75	17.91	20.84	<=30	Pass
		Inner_1RB_Left	21.04	21.16	24.11	17.56	17.68	20.63	<=30	Pass
		Inner_1RB_Right	20.90	21.05	23.98	17.42	17.57	20.51	<=30	Pass
	3519.99	Outer_Full	21.53	21.68	24.61	18.05	18.20	21.14	<=30	Pass
		Inner_Full	21.51	21.62	24.58	18.03	18.14	21.10	<=30	Pass
		Inner_1RB_Left	21.44	21.56	24.51	17.96	18.08	21.03	<=30	Pass
		Inner_1RB_Right	21.45	21.68	24.57	17.97	18.20	21.10	<=30	Pass
CP-OFDM QPSK	3480	Outer_Full	22.55	22.65	25.61	19.07	19.17	22.13	<=30	Pass
		Inner_Full	25.23	25.32	28.29	21.75	21.84	24.81	<=30	Pass
		Inner_1RB_Left	25.04	25.10	28.08	21.56	21.62	24.60	<=30	Pass
		Inner_1RB_Right	25.09	25.23	28.17	21.61	21.75	24.69	<=30	Pass

	3500.01	Outer_Full	22.54	22.69	25.62	19.06	19.21	22.15	<=30	Pass
		Inner_Full	25.09	25.25	28.18	21.61	21.77	24.70	<=30	Pass
		Inner_1RB_Left	25.35	25.48	28.42	21.87	22.00	24.95	<=30	Pass
		Inner_1RB_Right	25.03	25.17	28.11	21.55	21.69	24.63	<=30	Pass
	3519.99	Outer_Full	22.59	22.74	25.67	19.11	19.26	22.20	<=30	Pass
		Inner_Full	25.05	25.17	28.12	21.57	21.69	24.64	<=30	Pass
		Inner_1RB_Left	25.01	25.13	28.08	21.53	21.65	24.60	<=30	Pass
		Inner_1RB_Right	25.05	25.28	28.18	21.57	21.80	24.70	<=30	Pass
CP-OFDM 16 QAM	3480	Outer_Full	22.58	22.69	25.65	19.10	19.21	22.17	<=30	Pass
		Inner_Full	24.74	24.82	27.79	21.26	21.34	24.31	<=30	Pass
		Inner_1RB_Left	24.56	24.62	27.60	21.08	21.14	24.12	<=30	Pass
		Inner_1RB_Right	24.38	24.53	27.47	20.90	21.05	23.99	<=30	Pass
	3500.01	Outer_Full	22.55	22.70	25.63	19.07	19.22	22.16	<=30	Pass
		Inner_Full	24.62	24.78	27.71	21.14	21.30	24.23	<=30	Pass
		Inner_1RB_Left	24.84	24.97	27.91	21.36	21.49	24.44	<=30	Pass
		Inner_1RB_Right	24.47	24.61	27.55	20.99	21.13	24.07	<=30	Pass
	3519.99	Outer_Full	22.48	22.63	25.57	19.00	19.15	22.09	<=30	Pass
		Inner_Full	24.56	24.68	27.63	21.08	21.20	24.15	<=30	Pass
		Inner_1RB_Left	24.40	24.52	27.47	20.92	21.04	23.99	<=30	Pass
		Inner_1RB_Right	24.53	24.76	27.66	21.05	21.28	24.18	<=30	Pass
CP-OFDM 64 QAM	3480	Outer_Full	22.00	22.11	25.07	18.52	18.63	21.59	<=30	Pass
		Inner_Full	22.66	22.75	25.72	19.18	19.27	22.24	<=30	Pass
		Inner_1RB_Left	22.62	22.68	25.66	19.14	19.20	22.18	<=30	Pass
		Inner_1RB_Right	22.57	22.71	25.65	19.09	19.23	22.17	<=30	Pass
	3500.01	Outer_Full	21.97	22.12	25.06	18.49	18.64	21.58	<=30	Pass
		Inner_Full	22.54	22.70	25.63	19.06	19.22	22.15	<=30	Pass
		Inner_1RB_Left	22.79	22.91	25.86	19.31	19.43	22.38	<=30	Pass
		Inner_1RB_Right	22.65	22.79	25.73	19.17	19.31	22.25	<=30	Pass
	3519.99	Outer_Full	22.06	22.21	25.15	18.58	18.73	21.67	<=30	Pass
		Inner_Full	22.61	22.73	25.68	19.13	19.25	22.20	<=30	Pass
		Inner_1RB_Left	22.59	22.71	25.67	19.11	19.23	22.18	<=30	Pass
		Inner_1RB_Right	22.59	22.82	25.72	19.11	19.34	22.24	<=30	Pass
CP-OFDM 256 QAM	3480	Outer_Full	19.75	19.86	22.82	16.27	16.38	19.34	<=30	Pass
		Inner_Full	19.85	19.94	22.91	16.37	16.46	19.43	<=30	Pass
		Inner_1RB_Left	19.82	19.88	22.86	16.34	16.40	19.38	<=30	Pass
		Inner_1RB_Right	19.90	20.04	22.98	16.42	16.56	19.50	<=30	Pass
	3500.01	Outer_Full	19.01	19.16	22.09	15.53	15.68	18.62	<=30	Pass
		Inner_Full	19.08	19.24	22.17	15.60	15.76	18.69	<=30	Pass
		Inner_1RB_Left	18.98	19.11	22.06	15.50	15.63	18.58	<=30	Pass
		Inner_1RB_Right	18.88	19.02	21.96	15.40	15.54	18.48	<=30	Pass
	3519.99	Outer_Full	19.56	19.71	22.65	16.08	16.23	19.17	<=30	Pass
		Inner_Full	19.69	19.81	22.76	16.21	16.33	19.28	<=30	Pass
		Inner_1RB_Left	19.60	19.72	22.67	16.12	16.24	19.19	<=30	Pass
		Inner_1RB_Right	19.72	19.96	22.85	16.24	16.48	19.37	<=30	Pass

Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi;
Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

1.1.21 30k_MIMO_70MHz_NTNV_EIRP

5G NR n77d SCS=30kHz MIMO 70MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3485.01	Outer_Full	25.07	25.20	28.15	21.59	21.72	24.67	<=30	Pass
		Inner_Full	26.55	26.67	29.62	23.07	23.19	26.14	<=30	Pass
		Inner_1RB_Left	26.54	26.64	29.60	23.06	23.16	26.12	<=30	Pass
		Inner_1RB_Right	26.46	26.56	29.52	22.98	23.08	26.04	<=30	Pass
	3500.01	Outer_Full	25.01	25.15	28.09	21.53	21.67	24.61	<=30	Pass

		Inner_Full	26.58	26.73	29.67	23.10	23.25	26.19	<=30	Pass
		Inner_1RB_Left	26.45	26.59	29.53	22.97	23.11	26.05	<=30	Pass
		Inner_1RB_Right	26.39	26.56	29.49	22.91	23.08	26.01	<=30	Pass
	3514.98	Outer_Full	25.05	25.20	28.13	21.57	21.72	24.66	<=30	Pass
		Inner_Full	26.67	26.81	29.75	23.19	23.33	26.27	<=30	Pass
		Inner_1RB_Left	26.47	26.59	29.54	22.99	23.11	26.06	<=30	Pass
		Inner_1RB_Right	26.51	26.73	29.63	23.03	23.25	26.15	<=30	Pass
DFT-s-OFDM QPSK	3485.01	Outer_Full	24.52	24.65	27.59	21.04	21.17	24.12	<=30	Pass
		Inner_Full	26.61	26.73	29.68	23.13	23.25	26.20	<=30	Pass
		Inner_1RB_Left	26.47	26.57	29.53	22.99	23.09	26.05	<=30	Pass
		Inner_1RB_Right	26.30	26.41	29.37	22.82	22.93	25.89	<=30	Pass
	3500.01	Outer_Full	24.49	24.64	27.58	21.01	21.16	24.10	<=30	Pass
		Inner_Full	26.56	26.71	29.65	23.08	23.23	26.17	<=30	Pass
		Inner_1RB_Left	26.51	26.64	29.59	23.03	23.16	26.11	<=30	Pass
		Inner_1RB_Right	26.28	26.45	29.37	22.80	22.97	25.90	<=30	Pass
	3514.98	Outer_Full	24.67	24.82	27.75	21.19	21.34	24.28	<=30	Pass
		Inner_Full	26.61	26.75	29.69	23.13	23.27	26.21	<=30	Pass
		Inner_1RB_Left	26.49	26.60	29.56	23.01	23.12	26.08	<=30	Pass
		Inner_1RB_Right	26.38	26.60	29.50	22.90	23.12	26.02	<=30	Pass
DFT-s-OFDM 16 QAM	3485.01	Outer_Full	23.42	23.55	26.50	19.94	20.07	23.02	<=30	Pass
		Inner_Full	25.54	25.66	28.61	22.06	22.18	25.13	<=30	Pass
		Inner_1RB_Left	25.56	25.66	28.62	22.08	22.18	25.14	<=30	Pass
		Inner_1RB_Right	25.38	25.48	28.44	21.90	22.00	24.96	<=30	Pass
	3500.01	Outer_Full	23.48	23.62	26.56	20.00	20.14	23.08	<=30	Pass
		Inner_Full	25.64	25.79	28.72	22.16	22.31	25.25	<=30	Pass
		Inner_1RB_Left	25.50	25.64	28.58	22.02	22.16	25.10	<=30	Pass
		Inner_1RB_Right	25.48	25.65	28.58	22.00	22.17	25.10	<=30	Pass
	3514.98	Outer_Full	23.66	23.81	26.75	20.18	20.33	23.27	<=30	Pass
		Inner_Full	25.72	25.86	28.80	22.24	22.38	25.32	<=30	Pass
		Inner_1RB_Left	25.57	25.69	28.64	22.09	22.21	25.16	<=30	Pass
		Inner_1RB_Right	25.76	25.98	28.88	22.28	22.50	25.40	<=30	Pass
DFT-s-OFDM 64 QAM	3485.01	Outer_Full	23.02	23.15	26.10	19.54	19.67	22.62	<=30	Pass
		Inner_Full	23.51	23.64	26.59	20.03	20.16	23.11	<=30	Pass
		Inner_1RB_Left	23.58	23.68	26.64	20.10	20.20	23.16	<=30	Pass
		Inner_1RB_Right	23.26	23.36	26.32	19.78	19.88	22.84	<=30	Pass
	3500.01	Outer_Full	22.94	23.09	26.02	19.46	19.61	22.55	<=30	Pass
		Inner_Full	23.62	23.77	26.70	20.14	20.29	23.23	<=30	Pass
		Inner_1RB_Left	23.43	23.56	26.51	19.95	20.08	23.03	<=30	Pass
		Inner_1RB_Right	23.40	23.57	26.49	19.92	20.09	23.02	<=30	Pass
	3514.98	Outer_Full	22.99	23.14	26.08	19.51	19.66	22.60	<=30	Pass
		Inner_Full	23.59	23.73	26.67	20.11	20.25	23.19	<=30	Pass
		Inner_1RB_Left	23.39	23.50	26.46	19.91	20.02	22.98	<=30	Pass
		Inner_1RB_Right	23.39	23.61	26.51	19.91	20.13	23.03	<=30	Pass
DFT-s-OFDM 256 QAM	3485.01	Outer_Full	21.92	22.05	25.00	18.44	18.57	21.52	<=30	Pass
		Inner_Full	21.99	22.11	25.06	18.51	18.63	21.58	<=30	Pass
		Inner_1RB_Left	21.91	22.02	24.98	18.43	18.54	21.50	<=30	Pass
		Inner_1RB_Right	21.75	21.85	24.81	18.27	18.37	21.33	<=30	Pass
	3500.01	Outer_Full	21.34	21.48	24.42	17.86	18.00	20.94	<=30	Pass
		Inner_Full	21.55	21.70	24.64	18.07	18.22	21.16	<=30	Pass
		Inner_1RB_Left	21.34	21.47	24.42	17.86	17.99	20.94	<=30	Pass
		Inner_1RB_Right	21.41	21.58	24.50	17.93	18.10	21.03	<=30	Pass
	3514.98	Outer_Full	21.91	22.06	25.00	18.43	18.58	21.52	<=30	Pass
		Inner_Full	22.11	22.25	25.19	18.63	18.77	21.71	<=30	Pass
		Inner_1RB_Left	21.89	22.01	24.96	18.41	18.53	21.48	<=30	Pass
		Inner_1RB_Right	21.99	22.21	25.11	18.51	18.73	21.63	<=30	Pass
CP-OFDM QPSK	3485.01	Outer_Full	22.47	22.60	25.54	18.99	19.12	22.07	<=30	Pass
		Inner_Full	25.11	25.24	28.19	21.63	21.76	24.71	<=30	Pass
		Inner_1RB_Left	25.11	25.22	28.17	21.63	21.74	24.70	<=30	Pass
		Inner_1RB_Right	24.97	25.07	28.03	21.49	21.59	24.55	<=30	Pass

	3500.01	Outer_Full	22.43	22.57	25.51	18.95	19.09	22.03	<=30	Pass
		Inner_Full	25.00	25.15	28.08	21.52	21.67	24.61	<=30	Pass
		Inner_1RB_Left	25.06	25.19	28.14	21.58	21.71	24.66	<=30	Pass
		Inner_1RB_Right	25.03	25.20	28.12	21.55	21.72	24.65	<=30	Pass
	3514.98	Outer_Full	22.42	22.58	25.51	18.94	19.10	22.03	<=30	Pass
		Inner_Full	25.10	25.23	28.18	21.62	21.75	24.70	<=30	Pass
		Inner_1RB_Left	25.07	25.18	28.13	21.59	21.70	24.66	<=30	Pass
		Inner_1RB_Right	25.04	25.26	28.16	21.56	21.78	24.68	<=30	Pass
CP-OFDM 16 QAM	3485.01	Outer_Full	22.44	22.57	25.51	18.96	19.09	22.04	<=30	Pass
		Inner_Full	24.55	24.68	27.62	21.07	21.20	24.15	<=30	Pass
		Inner_1RB_Left	24.47	24.58	27.54	20.99	21.10	24.06	<=30	Pass
		Inner_1RB_Right	24.45	24.55	27.51	20.97	21.07	24.03	<=30	Pass
	3500.01	Outer_Full	22.36	22.51	25.44	18.88	19.03	21.97	<=30	Pass
		Inner_Full	24.60	24.75	27.69	21.12	21.27	24.21	<=30	Pass
		Inner_1RB_Left	24.41	24.54	27.49	20.93	21.06	24.01	<=30	Pass
		Inner_1RB_Right	24.30	24.47	27.40	20.82	20.99	23.92	<=30	Pass
	3514.98	Outer_Full	22.44	22.59	25.53	18.96	19.11	22.05	<=30	Pass
		Inner_Full	24.58	24.72	27.66	21.10	21.24	24.18	<=30	Pass
		Inner_1RB_Left	24.27	24.39	27.34	20.79	20.91	23.86	<=30	Pass
		Inner_1RB_Right	24.40	24.62	27.52	20.92	21.14	24.04	<=30	Pass
CP-OFDM 64 QAM	3485.01	Outer_Full	21.90	22.03	24.98	18.42	18.55	21.50	<=30	Pass
		Inner_Full	22.49	22.61	25.56	19.01	19.13	22.08	<=30	Pass
		Inner_1RB_Left	22.51	22.62	25.58	19.03	19.14	22.10	<=30	Pass
		Inner_1RB_Right	22.42	22.52	25.48	18.94	19.04	22.00	<=30	Pass
	3500.01	Outer_Full	21.98	22.12	25.06	18.50	18.64	21.58	<=30	Pass
		Inner_Full	22.49	22.65	25.58	19.01	19.17	22.10	<=30	Pass
		Inner_1RB_Left	22.60	22.74	25.68	19.12	19.26	22.20	<=30	Pass
		Inner_1RB_Right	22.37	22.54	25.46	18.89	19.06	21.99	<=30	Pass
	3514.98	Outer_Full	21.92	22.07	25.00	18.44	18.59	21.53	<=30	Pass
		Inner_Full	22.50	22.63	25.57	19.02	19.15	22.10	<=30	Pass
		Inner_1RB_Left	22.53	22.64	25.60	19.05	19.16	22.12	<=30	Pass
		Inner_1RB_Right	22.51	22.73	25.63	19.03	19.25	22.15	<=30	Pass
CP-OFDM 256 QAM	3485.01	Outer_Full	19.95	20.08	23.02	16.47	16.60	19.55	<=30	Pass
		Inner_Full	20.10	20.22	23.17	16.62	16.74	19.69	<=30	Pass
		Inner_1RB_Left	19.91	20.01	22.97	16.43	16.53	19.49	<=30	Pass
		Inner_1RB_Right	19.62	19.72	22.68	16.14	16.24	19.20	<=30	Pass
	3500.01	Outer_Full	19.70	19.85	22.79	16.22	16.37	19.31	<=30	Pass
		Inner_Full	19.69	19.84	22.78	16.21	16.36	19.30	<=30	Pass
		Inner_1RB_Left	19.89	20.02	22.97	16.41	16.54	19.49	<=30	Pass
		Inner_1RB_Right	19.68	19.85	22.77	16.20	16.37	19.30	<=30	Pass
	3514.98	Outer_Full	20.09	20.24	23.18	16.61	16.76	19.70	<=30	Pass
		Inner_Full	20.03	20.16	23.10	16.55	16.68	19.63	<=30	Pass
		Inner_1RB_Left	19.92	20.04	22.99	16.44	16.56	19.51	<=30	Pass
		Inner_1RB_Right	20.02	20.24	23.14	16.54	16.76	19.66	<=30	Pass

Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi;
Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

1.1.22 30k_MIMO_80MHz_NTNV_EIRP

5G NR n77d SCS=30kHz MIMO 80MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3490.02	Outer_Full	24.98	25.15	28.08	21.50	21.67	24.60	<=30	Pass
		Inner_Full	26.61	26.78	29.71	23.13	23.30	26.23	<=30	Pass
		Inner_1RB_Left	26.58	26.71	29.66	23.10	23.23	26.18	<=30	Pass
		Inner_1RB_Right	26.53	26.68	29.62	23.05	23.20	26.14	<=30	Pass
	3500.01	Outer_Full	25.02	25.17	28.11	21.54	21.69	24.63	<=30	Pass

		Inner_Full	26.57	26.71	29.65	23.09	23.23	26.17	<=30	Pass
		Inner_1RB_Left	26.52	26.67	29.61	23.04	23.19	26.13	<=30	Pass
		Inner_1RB_Right	26.46	26.66	29.57	22.98	23.18	26.09	<=30	Pass
	3510	Outer_Full	25.03	25.17	28.11	21.55	21.69	24.63	<=30	Pass
		Inner_Full	26.56	26.68	29.63	23.08	23.20	26.15	<=30	Pass
		Inner_1RB_Left	26.56	26.68	29.63	23.08	23.20	26.15	<=30	Pass
		Inner_1RB_Right	26.57	26.78	29.69	23.09	23.30	26.21	<=30	Pass
DFT-s-OFDM QPSK	3490.02	Outer_Full	24.57	24.73	27.66	21.09	21.25	24.18	<=30	Pass
		Inner_Full	26.56	26.73	29.66	23.08	23.25	26.18	<=30	Pass
		Inner_1RB_Left	26.56	26.70	29.64	23.08	23.22	26.16	<=30	Pass
		Inner_1RB_Right	26.39	26.54	29.47	22.91	23.06	26.00	<=30	Pass
	3500.01	Outer_Full	24.63	24.77	27.71	21.15	21.29	24.23	<=30	Pass
		Inner_Full	26.50	26.65	29.58	23.02	23.17	26.11	<=30	Pass
		Inner_1RB_Left	26.51	26.67	29.60	23.03	23.19	26.12	<=30	Pass
		Inner_1RB_Right	26.38	26.58	29.49	22.90	23.10	26.01	<=30	Pass
	3510	Outer_Full	24.47	24.61	27.55	20.99	21.13	24.07	<=30	Pass
		Inner_Full	26.53	26.65	29.60	23.05	23.17	26.12	<=30	Pass
		Inner_1RB_Left	26.57	26.68	29.64	23.09	23.20	26.16	<=30	Pass
		Inner_1RB_Right	26.51	26.72	29.63	23.03	23.24	26.15	<=30	Pass
DFT-s-OFDM 16 QAM	3490.02	Outer_Full	23.49	23.66	26.59	20.01	20.18	23.11	<=30	Pass
		Inner_Full	25.59	25.76	28.69	22.11	22.28	25.21	<=30	Pass
		Inner_1RB_Left	25.57	25.70	28.65	22.09	22.22	25.17	<=30	Pass
		Inner_1RB_Right	25.46	25.61	28.55	21.98	22.13	25.07	<=30	Pass
	3500.01	Outer_Full	23.56	23.70	26.64	20.08	20.22	23.16	<=30	Pass
		Inner_Full	25.61	25.76	28.70	22.13	22.28	25.22	<=30	Pass
		Inner_1RB_Left	25.49	25.65	28.58	22.01	22.17	25.10	<=30	Pass
		Inner_1RB_Right	25.72	25.91	28.82	22.24	22.43	25.35	<=30	Pass
	3510	Outer_Full	23.56	23.69	26.63	20.08	20.21	23.16	<=30	Pass
		Inner_Full	25.60	25.72	28.67	22.12	22.24	25.19	<=30	Pass
		Inner_1RB_Left	25.32	25.43	28.38	21.84	21.95	24.91	<=30	Pass
		Inner_1RB_Right	25.46	25.67	28.58	21.98	22.19	25.10	<=30	Pass
DFT-s-OFDM 64 QAM	3490.02	Outer_Full	23.08	23.24	26.17	19.60	19.76	22.69	<=30	Pass
		Inner_Full	23.63	23.80	26.72	20.15	20.32	23.25	<=30	Pass
		Inner_1RB_Left	23.32	23.45	26.40	19.84	19.97	22.92	<=30	Pass
		Inner_1RB_Right	23.29	23.44	26.38	19.81	19.96	22.90	<=30	Pass
	3500.01	Outer_Full	22.94	23.09	26.03	19.46	19.61	22.55	<=30	Pass
		Inner_Full	23.45	23.60	26.54	19.97	20.12	23.06	<=30	Pass
		Inner_1RB_Left	23.32	23.48	26.41	19.84	20.00	22.93	<=30	Pass
		Inner_1RB_Right	23.33	23.53	26.44	19.85	20.05	22.96	<=30	Pass
	3510	Outer_Full	23.04	23.17	26.11	19.56	19.69	22.64	<=30	Pass
		Inner_Full	23.50	23.63	26.58	20.02	20.15	23.10	<=30	Pass
		Inner_1RB_Left	23.44	23.56	26.51	19.96	20.08	23.03	<=30	Pass
		Inner_1RB_Right	23.46	23.67	26.57	19.98	20.19	23.10	<=30	Pass
DFT-s-OFDM 256 QAM	3490.02	Outer_Full	22.03	22.19	25.12	18.55	18.71	21.64	<=30	Pass
		Inner_Full	22.11	22.28	25.20	18.63	18.80	21.73	<=30	Pass
		Inner_1RB_Left	22.18	22.30	25.25	18.70	18.82	21.77	<=30	Pass
		Inner_1RB_Right	21.92	22.07	25.01	18.44	18.59	21.53	<=30	Pass
	3500.01	Outer_Full	21.99	22.13	25.07	18.51	18.65	21.59	<=30	Pass
		Inner_Full	22.03	22.18	25.12	18.55	18.70	21.64	<=30	Pass
		Inner_1RB_Left	22.03	22.19	25.12	18.55	18.71	21.64	<=30	Pass
		Inner_1RB_Right	21.99	22.18	25.10	18.51	18.70	21.62	<=30	Pass
	3510	Outer_Full	22.11	22.24	25.19	18.63	18.76	21.71	<=30	Pass
		Inner_Full	22.04	22.16	25.11	18.56	18.68	21.63	<=30	Pass
		Inner_1RB_Left	22.03	22.14	25.10	18.55	18.66	21.62	<=30	Pass
		Inner_1RB_Right	22.01	22.22	25.13	18.53	18.74	21.65	<=30	Pass
CP-OFDM QPSK	3490.02	Outer_Full	22.44	22.60	25.53	18.96	19.12	22.05	<=30	Pass
		Inner_Full	25.07	25.24	28.16	21.59	21.76	24.69	<=30	Pass
		Inner_1RB_Left	25.11	25.24	28.19	21.63	21.76	24.71	<=30	Pass
		Inner_1RB_Right	24.88	25.04	27.97	21.40	21.56	24.49	<=30	Pass

	3500.01	Outer_Full	22.45	22.59	25.53	18.97	19.11	22.05	<=30	Pass
		Inner_Full	25.03	25.17	28.11	21.55	21.69	24.63	<=30	Pass
		Inner_1RB_Left	24.88	25.04	27.97	21.40	21.56	24.49	<=30	Pass
		Inner_1RB_Right	24.90	25.10	28.01	21.42	21.62	24.53	<=30	Pass
	3510	Outer_Full	22.53	22.66	25.61	19.05	19.18	22.13	<=30	Pass
		Inner_Full	25.05	25.17	28.12	21.57	21.69	24.64	<=30	Pass
		Inner_1RB_Left	25.03	25.15	28.10	21.55	21.67	24.62	<=30	Pass
		Inner_1RB_Right	25.03	25.25	28.15	21.55	21.77	24.67	<=30	Pass
CP-OFDM 16 QAM	3490.02	Outer_Full	22.41	22.57	25.50	18.93	19.09	22.02	<=30	Pass
		Inner_Full	24.47	24.64	27.56	20.99	21.16	24.09	<=30	Pass
		Inner_1RB_Left	24.47	24.60	27.55	20.99	21.12	24.07	<=30	Pass
		Inner_1RB_Right	24.26	24.41	27.34	20.78	20.93	23.87	<=30	Pass
	3500.01	Outer_Full	22.43	22.58	25.52	18.95	19.10	22.04	<=30	Pass
		Inner_Full	24.49	24.63	27.57	21.01	21.15	24.09	<=30	Pass
		Inner_1RB_Left	24.58	24.74	27.67	21.10	21.26	24.19	<=30	Pass
		Inner_1RB_Right	24.40	24.60	27.51	20.92	21.12	24.03	<=30	Pass
	3510	Outer_Full	22.52	22.66	25.60	19.04	19.18	22.12	<=30	Pass
		Inner_Full	24.46	24.58	27.53	20.98	21.10	24.05	<=30	Pass
		Inner_1RB_Left	24.67	24.79	27.74	21.19	21.31	24.26	<=30	Pass
		Inner_1RB_Right	24.62	24.84	27.74	21.14	21.36	24.26	<=30	Pass
CP-OFDM 64 QAM	3490.02	Outer_Full	22.00	22.17	25.10	18.52	18.69	21.62	<=30	Pass
		Inner_Full	22.57	22.74	25.67	19.09	19.26	22.19	<=30	Pass
		Inner_1RB_Left	22.43	22.56	25.51	18.95	19.08	22.03	<=30	Pass
		Inner_1RB_Right	22.38	22.54	25.47	18.90	19.06	21.99	<=30	Pass
	3500.01	Outer_Full	21.91	22.05	24.99	18.43	18.57	21.51	<=30	Pass
		Inner_Full	22.46	22.60	25.54	18.98	19.12	22.06	<=30	Pass
		Inner_1RB_Left	22.44	22.59	25.53	18.96	19.11	22.05	<=30	Pass
		Inner_1RB_Right	22.46	22.66	25.57	18.98	19.18	22.09	<=30	Pass
	3510	Outer_Full	22.07	22.20	25.15	18.59	18.72	21.67	<=30	Pass
		Inner_Full	22.51	22.64	25.58	19.03	19.16	22.11	<=30	Pass
		Inner_1RB_Left	22.55	22.66	25.62	19.07	19.18	22.14	<=30	Pass
		Inner_1RB_Right	22.55	22.76	25.67	19.07	19.28	22.19	<=30	Pass
CP-OFDM 256 QAM	3490.02	Outer_Full	20.07	20.23	23.16	16.59	16.75	19.68	<=30	Pass
		Inner_Full	20.17	20.34	23.27	16.69	16.86	19.79	<=30	Pass
		Inner_1RB_Left	20.06	20.19	23.13	16.58	16.71	19.66	<=30	Pass
		Inner_1RB_Right	19.97	20.12	23.06	16.49	16.64	19.58	<=30	Pass
	3500.01	Outer_Full	19.72	19.86	22.80	16.24	16.38	19.32	<=30	Pass
		Inner_Full	19.93	20.08	23.02	16.45	16.60	19.54	<=30	Pass
		Inner_1RB_Left	19.73	19.89	22.82	16.25	16.41	19.34	<=30	Pass
		Inner_1RB_Right	19.87	20.07	22.98	16.39	16.59	19.50	<=30	Pass
	3510	Outer_Full	20.02	20.16	23.10	16.54	16.68	19.62	<=30	Pass
		Inner_Full	20.05	20.17	23.12	16.57	16.69	19.64	<=30	Pass
		Inner_1RB_Left	20.04	20.16	23.11	16.56	16.68	19.63	<=30	Pass
		Inner_1RB_Right	20.01	20.22	23.12	16.53	16.74	19.65	<=30	Pass

Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi;
Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

1.1.23 30k_MIMO_90MHz_NTNV_EIRP

5G NR n77d SCS=30kHz MIMO 90MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3495	Outer_Full	24.97	25.11	28.05	21.49	21.63	24.57	<=30	Pass
		Inner_Full	26.45	26.59	29.53	22.97	23.11	26.05	<=30	Pass
		Inner_1RB_Left	26.51	26.64	29.58	23.03	23.16	26.11	<=30	Pass
		Inner_1RB_Right	26.43	26.62	29.54	22.95	23.14	26.06	<=30	Pass
	3500.01	Outer_Full	25.07	25.22	28.15	21.59	21.74	24.68	<=30	Pass

		Inner_Full	26.62	26.76	29.71	23.14	23.28	26.22	<=30	Pass
		Inner_1RB_Left	26.55	26.71	29.64	23.07	23.23	26.16	<=30	Pass
		Inner_1RB_Right	26.51	26.72	29.63	23.03	23.24	26.15	<=30	Pass
	3504.99	Outer_Full	25.17	25.31	28.25	21.69	21.83	24.77	<=30	Pass
		Inner_Full	26.68	26.82	29.76	23.20	23.34	26.28	<=30	Pass
		Inner_1RB_Left	26.51	26.66	29.59	23.03	23.18	26.12	<=30	Pass
		Inner_1RB_Right	26.57	26.79	29.69	23.09	23.31	26.21	<=30	Pass
DFT-s-OFDM QPSK	3495	Outer_Full	24.37	24.51	27.45	20.89	21.03	23.97	<=30	Pass
		Inner_Full	26.50	26.64	29.58	23.02	23.16	26.10	<=30	Pass
		Inner_1RB_Left	26.50	26.63	29.58	23.02	23.15	26.10	<=30	Pass
		Inner_1RB_Right	26.43	26.62	29.53	22.95	23.14	26.06	<=30	Pass
	3500.01	Outer_Full	24.54	24.69	27.63	21.06	21.21	24.15	<=30	Pass
		Inner_Full	26.56	26.71	29.65	23.08	23.23	26.17	<=30	Pass
		Inner_1RB_Left	26.49	26.65	29.58	23.01	23.17	26.10	<=30	Pass
		Inner_1RB_Right	26.43	26.65	29.55	22.95	23.17	26.07	<=30	Pass
	3504.99	Outer_Full	24.60	24.74	27.68	21.12	21.26	24.20	<=30	Pass
		Inner_Full	26.62	26.75	29.70	23.14	23.27	26.22	<=30	Pass
		Inner_1RB_Left	26.52	26.67	29.61	23.04	23.19	26.13	<=30	Pass
		Inner_1RB_Right	26.55	26.77	29.67	23.07	23.29	26.19	<=30	Pass
DFT-s-OFDM 16 QAM	3495	Outer_Full	23.42	23.56	26.50	19.94	20.08	23.02	<=30	Pass
		Inner_Full	25.55	25.69	28.63	22.07	22.21	25.15	<=30	Pass
		Inner_1RB_Left	25.64	25.77	28.71	22.16	22.29	25.24	<=30	Pass
		Inner_1RB_Right	25.47	25.66	28.58	21.99	22.18	25.10	<=30	Pass
	3500.01	Outer_Full	23.42	23.57	26.51	19.94	20.09	23.03	<=30	Pass
		Inner_Full	25.55	25.69	28.63	22.07	22.21	25.15	<=30	Pass
		Inner_1RB_Left	25.33	25.49	28.42	21.85	22.01	24.94	<=30	Pass
		Inner_1RB_Right	25.47	25.69	28.59	21.99	22.21	25.11	<=30	Pass
	3504.99	Outer_Full	23.64	23.79	26.73	20.16	20.31	23.25	<=30	Pass
		Inner_Full	25.63	25.76	28.70	22.15	22.28	25.23	<=30	Pass
		Inner_1RB_Left	25.71	25.86	28.79	22.23	22.38	25.32	<=30	Pass
		Inner_1RB_Right	25.66	25.88	28.78	22.18	22.40	25.30	<=30	Pass
DFT-s-OFDM 64 QAM	3495	Outer_Full	22.98	23.12	26.06	19.50	19.64	22.58	<=30	Pass
		Inner_Full	23.45	23.59	26.53	19.97	20.11	23.05	<=30	Pass
		Inner_1RB_Left	23.45	23.58	26.53	19.97	20.10	23.05	<=30	Pass
		Inner_1RB_Right	23.36	23.56	26.47	19.88	20.08	22.99	<=30	Pass
	3500.01	Outer_Full	22.87	23.01	25.95	19.39	19.53	22.47	<=30	Pass
		Inner_Full	23.62	23.76	26.70	20.14	20.28	23.22	<=30	Pass
		Inner_1RB_Left	23.25	23.41	26.34	19.77	19.93	22.86	<=30	Pass
		Inner_1RB_Right	23.33	23.55	26.45	19.85	20.07	22.97	<=30	Pass
	3504.99	Outer_Full	23.00	23.15	26.08	19.52	19.67	22.61	<=30	Pass
		Inner_Full	23.59	23.72	26.67	20.11	20.24	23.19	<=30	Pass
		Inner_1RB_Left	23.39	23.54	26.47	19.91	20.06	23.00	<=30	Pass
		Inner_1RB_Right	23.50	23.73	26.63	20.02	20.25	23.15	<=30	Pass
DFT-s-OFDM 256 QAM	3495	Outer_Full	22.08	22.21	25.16	18.60	18.73	21.68	<=30	Pass
		Inner_Full	22.11	22.25	25.19	18.63	18.77	21.71	<=30	Pass
		Inner_1RB_Left	22.19	22.32	25.26	18.71	18.84	21.79	<=30	Pass
		Inner_1RB_Right	22.10	22.29	25.21	18.62	18.81	21.73	<=30	Pass
	3500.01	Outer_Full	21.93	22.08	25.02	18.45	18.60	21.54	<=30	Pass
		Inner_Full	22.03	22.17	25.11	18.55	18.69	21.63	<=30	Pass
		Inner_1RB_Left	22.00	22.16	25.09	18.52	18.68	21.61	<=30	Pass
		Inner_1RB_Right	22.01	22.23	25.13	18.53	18.75	21.65	<=30	Pass
	3504.99	Outer_Full	22.24	22.39	25.33	18.76	18.91	21.85	<=30	Pass
		Inner_Full	22.19	22.33	25.27	18.71	18.85	21.79	<=30	Pass
		Inner_1RB_Left	22.21	22.37	25.30	18.73	18.89	21.82	<=30	Pass
		Inner_1RB_Right	22.05	22.28	25.18	18.57	18.80	21.70	<=30	Pass
CP-OFDM QPSK	3495	Outer_Full	22.42	22.56	25.50	18.94	19.08	22.02	<=30	Pass
		Inner_Full	24.91	25.05	27.99	21.43	21.57	24.51	<=30	Pass
		Inner_1RB_Left	24.96	25.09	28.04	21.48	21.61	24.56	<=30	Pass
		Inner_1RB_Right	24.90	25.09	28.00	21.42	21.61	24.53	<=30	Pass

	3500.01	Outer_Full	22.45	22.59	25.53	18.97	19.11	22.05	<=30	Pass
		Inner_Full	25.04	25.18	28.12	21.56	21.70	24.64	<=30	Pass
		Inner_1RB_Left	25.08	25.24	28.17	21.60	21.76	24.69	<=30	Pass
		Inner_1RB_Right	24.95	25.17	28.07	21.47	21.69	24.59	<=30	Pass
	3504.99	Outer_Full	22.32	22.46	25.40	18.84	18.98	21.92	<=30	Pass
		Inner_Full	25.11	25.25	28.19	21.63	21.77	24.71	<=30	Pass
		Inner_1RB_Left	25.04	25.20	28.13	21.56	21.72	24.65	<=30	Pass
		Inner_1RB_Right	25.12	25.34	28.24	21.64	21.86	24.76	<=30	Pass
CP-OFDM 16 QAM	3495	Outer_Full	22.39	22.53	25.47	18.91	19.05	21.99	<=30	Pass
		Inner_Full	24.52	24.66	27.60	21.04	21.18	24.12	<=30	Pass
		Inner_1RB_Left	24.34	24.47	27.42	20.86	20.99	23.94	<=30	Pass
		Inner_1RB_Right	24.48	24.67	27.59	21.00	21.19	24.11	<=30	Pass
	3500.01	Outer_Full	22.45	22.59	25.53	18.97	19.11	22.05	<=30	Pass
		Inner_Full	24.54	24.68	27.62	21.06	21.20	24.14	<=30	Pass
		Inner_1RB_Left	24.48	24.64	27.57	21.00	21.16	24.09	<=30	Pass
		Inner_1RB_Right	24.53	24.75	27.66	21.05	21.27	24.17	<=30	Pass
	3504.99	Outer_Full	22.56	22.70	25.64	19.08	19.22	22.16	<=30	Pass
		Inner_Full	24.61	24.75	27.69	21.13	21.27	24.21	<=30	Pass
		Inner_1RB_Left	24.63	24.78	27.72	21.15	21.30	24.24	<=30	Pass
		Inner_1RB_Right	24.74	24.96	27.86	21.26	21.48	24.38	<=30	Pass
CP-OFDM 64 QAM	3495	Outer_Full	21.85	21.99	24.93	18.37	18.51	21.45	<=30	Pass
		Inner_Full	22.44	22.58	25.52	18.96	19.10	22.04	<=30	Pass
		Inner_1RB_Left	22.53	22.66	25.60	19.05	19.18	22.13	<=30	Pass
		Inner_1RB_Right	22.37	22.56	25.48	18.89	19.08	22.00	<=30	Pass
	3500.01	Outer_Full	21.90	22.05	24.99	18.42	18.57	21.51	<=30	Pass
		Inner_Full	22.57	22.71	25.65	19.09	19.23	22.17	<=30	Pass
		Inner_1RB_Left	22.33	22.49	25.42	18.85	19.01	21.94	<=30	Pass
		Inner_1RB_Right	22.58	22.80	25.70	19.10	19.32	22.22	<=30	Pass
	3504.99	Outer_Full	21.94	22.09	25.03	18.46	18.61	21.55	<=30	Pass
		Inner_Full	22.52	22.66	25.60	19.04	19.18	22.12	<=30	Pass
		Inner_1RB_Left	22.46	22.62	25.55	18.98	19.14	22.07	<=30	Pass
		Inner_1RB_Right	22.52	22.74	25.64	19.04	19.26	22.16	<=30	Pass
CP-OFDM 256 QAM	3495	Outer_Full	20.08	20.21	23.16	16.60	16.73	19.68	<=30	Pass
		Inner_Full	20.17	20.30	23.24	16.69	16.82	19.77	<=30	Pass
		Inner_1RB_Left	20.06	20.19	23.14	16.58	16.71	19.66	<=30	Pass
		Inner_1RB_Right	20.06	20.25	23.17	16.58	16.77	19.69	<=30	Pass
	3500.01	Outer_Full	20.03	20.17	23.11	16.55	16.69	19.63	<=30	Pass
		Inner_Full	20.07	20.22	23.16	16.59	16.74	19.68	<=30	Pass
		Inner_1RB_Left	20.13	20.29	23.22	16.65	16.81	19.74	<=30	Pass
		Inner_1RB_Right	20.03	20.25	23.16	16.55	16.77	19.67	<=30	Pass
	3504.99	Outer_Full	20.18	20.34	23.27	16.70	16.86	19.79	<=30	Pass
		Inner_Full	20.20	20.34	23.28	16.72	16.86	19.80	<=30	Pass
		Inner_1RB_Left	20.04	20.19	23.13	16.56	16.71	19.65	<=30	Pass
		Inner_1RB_Right	20.24	20.47	23.37	16.76	16.99	19.89	<=30	Pass
Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi; Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2										

1.1.24 30k_MIMO_100MHz_NTNV_EIRP

5G NR n77d SCS=30kHz MIMO 100MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	25.03	25.19	28.12	21.55	21.71	24.64	<=30	Pass
		Inner_Full	26.47	26.61	29.55	22.99	23.13	26.07	<=30	Pass
		Inner_1RB_Left	26.54	26.69	29.62	23.06	23.21	26.15	<=30	Pass
		Inner_1RB_Right	26.51	26.75	29.64	23.03	23.27	26.16	<=30	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	24.55	24.70	27.64	21.07	21.22	24.16	<=30	Pass

		Inner_Full	26.54	26.68	29.62	23.06	23.20	26.14	<=30	Pass
		Inner_1RB_Left	26.42	26.56	29.50	22.94	23.08	26.02	<=30	Pass
		Inner_1RB_Right	26.53	26.76	29.66	23.05	23.28	26.18	<=30	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	23.50	23.65	26.59	20.02	20.17	23.11	<=30	Pass
		Inner_Full	25.51	25.65	28.59	22.03	22.17	25.11	<=30	Pass
		Inner_1RB_Left	25.56	25.71	28.65	22.08	22.23	25.17	<=30	Pass
		Inner_1RB_Right	25.65	25.88	28.78	22.17	22.40	25.30	<=30	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	23.09	23.24	26.18	19.61	19.76	22.70	<=30	Pass
		Inner_Full	23.50	23.64	26.58	20.02	20.16	23.10	<=30	Pass
		Inner_1RB_Left	23.38	23.52	26.46	19.90	20.04	22.98	<=30	Pass
		Inner_1RB_Right	23.40	23.63	26.52	19.92	20.15	23.05	<=30	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	21.40	21.55	24.48	17.92	18.07	21.01	<=30	Pass
		Inner_Full	21.49	21.64	24.58	18.01	18.16	21.10	<=30	Pass
		Inner_1RB_Left	21.39	21.53	24.47	17.91	18.05	20.99	<=30	Pass
		Inner_1RB_Right	21.47	21.70	24.59	17.99	18.22	21.12	<=30	Pass
CP-OFDM QPSK	3500.01	Outer_Full	22.48	22.63	25.56	19.00	19.15	22.09	<=30	Pass
		Inner_Full	25.01	25.15	28.09	21.53	21.67	24.61	<=30	Pass
		Inner_1RB_Left	25.05	25.19	28.13	21.57	21.71	24.65	<=30	Pass
		Inner_1RB_Right	25.08	25.31	28.20	21.60	21.83	24.73	<=30	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	22.49	22.65	25.58	19.01	19.17	22.10	<=30	Pass
		Inner_Full	24.51	24.65	27.59	21.03	21.17	24.11	<=30	Pass
		Inner_1RB_Left	24.52	24.66	27.60	21.04	21.18	24.12	<=30	Pass
		Inner_1RB_Right	24.57	24.80	27.70	21.09	21.32	24.22	<=30	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	21.86	22.01	24.95	18.38	18.53	21.47	<=30	Pass
		Inner_Full	22.39	22.53	25.47	18.91	19.05	21.99	<=30	Pass
		Inner_1RB_Left	22.45	22.59	25.53	18.97	19.11	22.05	<=30	Pass
		Inner_1RB_Right	22.57	22.80	25.69	19.09	19.32	22.22	<=30	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	19.86	20.02	22.95	16.38	16.54	19.47	<=30	Pass
		Inner_Full	19.72	19.87	22.81	16.24	16.39	19.33	<=30	Pass
		Inner_1RB_Left	19.97	20.11	23.05	16.49	16.63	19.57	<=30	Pass
		Inner_1RB_Right	19.80	20.03	22.92	16.32	16.55	19.45	<=30	Pass

Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi;
Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2