Note2: EIRP=Conducted Power+Antenna Gain

1.1.9 30_SISO_70M_NTNV_EIRP

5G NR n77a SCS=30kHz SISO 70MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3735	Outer_Full	24.99	/	/	21.51	/	/	<=30	Pass
		Inner_Full	26.61	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Left	26.26	/	/	22.78	/	/	<=30	Pass
		Inner_1RB_Right	26.75	/	/	23.27	/	/	<=30	Pass
	3840	Outer_Full	25.21	/	/	21.73	/	/	<=30	Pass
		Inner_Full	26.81	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Left	26.51	/	/	23.03	/	/	<=30	Pass
		Inner_1RB_Right	26.71	/	/	23.23	/	/	<=30	Pass
	3945	Outer_Full	25.15	/	/	21.67	/	/	<=30	Pass
		Inner_Full	26.80	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Left	26.31	/	/	22.83	/	/	<=30	Pass
		Inner_1RB_Right	26.90	/	/	23.42	/	/	<=30	Pass
DFT-s-OFDM QPSK	3735	Outer_Full	24.53	/	/	21.05	/	/	<=30	Pass
		Inner_Full	26.61	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Left	26.22	/	/	22.74	/	/	<=30	Pass
		Inner_1RB_Right	26.52	/	/	23.04	/	/	<=30	Pass
	3840	Outer_Full	24.68	/	/	21.20	/	/	<=30	Pass
		Inner_Full	26.78	/	/	23.30	/	/	<=30	Pass
		Inner_1RB_Left	26.56	/	/	23.08	/	/	<=30	Pass
		Inner_1RB_Right	26.75	/	/	23.27	/	/	<=30	Pass
	3945	Outer_Full	24.74	/	/	21.26	/	/	<=30	Pass
		Inner_Full	26.88	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Left	26.16	/	/	22.68	/	/	<=30	Pass
		Inner_1RB_Right	26.82	/	/	23.34	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3735	Outer_Full	23.50	/	/	20.02	/	/	<=30	Pass
		Inner_Full	25.52	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Left	25.41	/	/	21.93	/	/	<=30	Pass
		Inner_1RB_Right	25.78	/	/	22.30	/	/	<=30	Pass
	3840	Outer_Full	23.65	/	/	20.17	/	/	<=30	Pass
		Inner_Full	25.78	/	/	22.30	/	/	<=30	Pass
		Inner_1RB_Left	25.43	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Right	25.63	/	/	22.15	/	/	<=30	Pass
	3945	Outer_Full	23.66	/	/	20.18	/	/	<=30	Pass
		Inner_Full	25.80	/	/	22.32	/	/	<=30	Pass
		Inner_1RB_Left	25.24	/	/	21.76	/	/	<=30	Pass
		Inner_1RB_Right	25.97	/	/	22.49	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3735	Outer_Full	23.03	/	/	19.55	/	/	<=30	Pass
		Inner_Full	23.54	/	/	20.06	/	/	<=30	Pass
		Inner_1RB_Left	22.99	/	/	19.51	/	/	<=30	Pass
		Inner_1RB_Right	23.47	/	/	19.99	/	/	<=30	Pass
	3840	Outer_Full	23.15	/	/	19.67	/	/	<=30	Pass
		Inner_Full	23.72	/	/	20.24	/	/	<=30	Pass
		Inner_1RB_Left	23.09	/	/	19.61	/	/	<=30	Pass
		Inner_1RB_Right	23.43	/	/	19.95	/	/	<=30	Pass
	3945	Outer_Full	23.13	/	/	19.65	/	/	<=30	Pass
		Inner_Full	23.68	/	/	20.20	/	/	<=30	Pass
		Inner_1RB_Left	22.96	/	/	19.48	/	/	<=30	Pass
		Inner_1RB_Right	23.73	/	/	20.25	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3735	Outer_Full	21.89	/	/	18.41	/	/	<=30	Pass
		Inner_Full	22.10	/	/	18.62	/	/	<=30	Pass

		Inner_1RB_Left	21.90	/	/	18.42	/	/	<=30	Pass
		Inner_1RB_Right	22.34	/	/	18.86	/	/	<=30	Pass
	3840	Outer_Full	21.64	/	/	18.16	/	/	<=30	Pass
		Inner_Full	21.94	/	/	18.46	/	/	<=30	Pass
		Inner_1RB_Left	21.71	/	/	18.23	/	/	<=30	Pass
		Inner_1RB_Right	21.90	/	/	18.42	/	/	<=30	Pass
	3945	Outer_Full	21.24	/	/	17.76	/	/	<=30	Pass
		Inner_Full	21.36	/	/	17.88	/	/	<=30	Pass
		Inner_1RB_Left	20.95	/	/	17.47	/	/	<=30	Pass
		Inner_1RB_Right	21.58	/	/	18.10	/	/	<=30	Pass
CP-OFDM QPSK	3735	Outer_Full	22.49	/	/	19.01	/	/	<=30	Pass
		Inner_Full	25.10	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Left	24.67	/	/	21.19	/	/	<=30	Pass
		Inner_1RB_Right	25.19	/	/	21.71	/	/	<=30	Pass
	3840	Outer_Full	22.58	/	/	19.10	/	/	<=30	Pass
		Inner_Full	25.19	/	/	21.71	/	/	<=30	Pass
		Inner_1RB_Left	24.82	/	/	21.34	/	/	<=30	Pass
		Inner_1RB_Right	25.15	/	/	21.67	/	/	<=30	Pass
	3945	Outer_Full	22.73	/	/	19.25	/	/	<=30	Pass
		Inner_Full	25.27	/	/	21.79	/	/	<=30	Pass
		Inner_1RB_Left	24.84	/	/	21.36	/	/	<=30	Pass
		Inner_1RB_Right	25.43	/	/	21.95	/	/	<=30	Pass
CP-OFDM 16 QAM	3735	Outer_Full	22.44	/	/	18.96	/	/	<=30	Pass
		Inner_Full	24.57	/	/	21.09	/	/	<=30	Pass
		Inner_1RB_Left	24.42	/	/	20.94	/	/	<=30	Pass
		Inner_1RB_Right	24.66	/	/	21.18	/	/	<=30	Pass
	3840	Outer_Full	22.62	/	/	19.14	/	/	<=30	Pass
		Inner_Full	24.66	/	/	21.18	/	/	<=30	Pass
		Inner_1RB_Left	24.43	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Right	24.63	/	/	21.15	/	/	<=30	Pass
	3945	Outer_Full	22.72	/	/	19.24	/	/	<=30	Pass
		Inner_Full	24.76	/	/	21.28	/	/	<=30	Pass
		Inner_1RB_Left	24.29	/	/	20.81	/	/	<=30	Pass
		Inner_1RB_Right	24.89	/	/	21.41	/	/	<=30	Pass
CP-OFDM 64 QAM	3735	Outer_Full	22.00	/	/	18.52	/	/	<=30	Pass
		Inner_Full	22.54	/	/	19.06	/	/	<=30	Pass
		Inner_1RB_Left	22.12	/	/	18.64	/	/	<=30	Pass
		Inner_1RB_Right	22.76	/	/	19.28	/	/	<=30	Pass
	3840	Outer_Full	22.09	/	/	18.61	/	/	<=30	Pass
		Inner_Full	22.61	/	/	19.13	/	/	<=30	Pass
		Inner_1RB_Left	22.12	/	/	18.64	/	/	<=30	Pass
		Inner_1RB_Right	22.61	/	/	19.13	/	/	<=30	Pass
	3945	Outer_Full	22.25	/	/	18.77	/	/	<=30	Pass
		Inner_Full	22.80	/	/	19.32	/	/	<=30	Pass
		Inner_1RB_Left	22.08	/	/	18.60	/	/	<=30	Pass
		Inner_1RB_Right	22.57	/	/	19.09	/	/	<=30	Pass
CP-OFDM 256 QAM	3735	Outer_Full	20.06	/	/	16.58	/	/	<=30	Pass
		Inner_Full	20.13	/	/	16.65	/	/	<=30	Pass
		Inner_1RB_Left	20.19	/	/	16.71	/	/	<=30	Pass
		Inner_1RB_Right	20.13	/	/	16.65	/	/	<=30	Pass
	3840	Outer_Full	19.90	/	/	16.42	/	/	<=30	Pass
		Inner_Full	20.02	/	/	16.54	/	/	<=30	Pass
		Inner_1RB_Left	19.74	/	/	16.26	/	/	<=30	Pass
		Inner_1RB_Right	20.20	/	/	16.72	/	/	<=30	Pass
	3945	Outer_Full	19.57	/	/	16.09	/	/	<=30	Pass
		Inner_Full	19.59	/	/	16.11	/	/	<=30	Pass
		Inner_1RB_Left	19.17	/	/	15.69	/	/	<=30	Pass
		Inner_1RB_Right	19.63	/	/	16.15	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi;										

Note2: EIRP=Conducted Power+Antenna Gain

1.1.10 30_SISO_80M_NTNV_EIRP

5G NR n77a 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	3740.01	Outer_Full	24.86	/	/	21.38	/	/	<=30	Pass
		Inner_Full	26.56	/	/	23.08	/	/	<=30	Pass
		Inner_1RB_Left	26.11	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Right	26.89	/	/	23.41	/	/	<=30	Pass
	3840	Outer_Full	25.06	/	/	21.58	/	/	<=30	Pass
		Inner_Full	26.77	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Left	26.45	/	/	22.97	/	/	<=30	Pass
		Inner_1RB_Right	26.87	/	/	23.39	/	/	<=30	Pass
	3939.99	Outer_Full	25.10	/	/	21.62	/	/	<=30	Pass
		Inner_Full	26.73	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Left	26.25	/	/	22.77	/	/	<=30	Pass
		Inner_1RB_Right	26.87	/	/	23.39	/	/	<=30	Pass
DFT-s-OFDM QPSK	3740.01	Outer_Full	24.52	/	/	21.04	/	/	<=30	Pass
		Inner_Full	26.54	/	/	23.06	/	/	<=30	Pass
		Inner_1RB_Left	26.23	/	/	22.75	/	/	<=30	Pass
		Inner_1RB_Right	26.89	/	/	23.41	/	/	<=30	Pass
	3840	Outer_Full	24.69	/	/	21.21	/	/	<=30	Pass
		Inner_Full	26.71	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Left	26.37	/	/	22.89	/	/	<=30	Pass
		Inner_1RB_Right	26.76	/	/	23.28	/	/	<=30	Pass
	3939.99	Outer_Full	24.67	/	/	21.19	/	/	<=30	Pass
		Inner_Full	26.71	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Left	26.09	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Right	26.92	/	/	23.44	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3740.01	Outer_Full	23.58	/	/	20.10	/	/	<=30	Pass
		Inner_Full	25.56	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Left	25.21	/	/	21.73	/	/	<=30	Pass
		Inner_1RB_Right	25.76	/	/	22.28	/	/	<=30	Pass
	3840	Outer_Full	23.60	/	/	20.12	/	/	<=30	Pass
		Inner_Full	25.68	/	/	22.20	/	/	<=30	Pass
		Inner_1RB_Left	25.43	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Right	25.64	/	/	22.16	/	/	<=30	Pass
	3939.99	Outer_Full	23.61	/	/	20.13	/	/	<=30	Pass
		Inner_Full	25.72	/	/	22.24	/	/	<=30	Pass
		Inner_1RB_Left	25.07	/	/	21.59	/	/	<=30	Pass
		Inner_1RB_Right	25.90	/	/	22.42	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3740.01	Outer_Full	22.96	/	/	19.48	/	/	<=30	Pass
		Inner_Full	23.54	/	/	20.06	/	/	<=30	Pass
		Inner_1RB_Left	22.90	/	/	19.42	/	/	<=30	Pass
		Inner_1RB_Right	23.61	/	/	20.13	/	/	<=30	Pass
	3840	Outer_Full	23.15	/	/	19.67	/	/	<=30	Pass
		Inner_Full	23.68	/	/	20.20	/	/	<=30	Pass
		Inner_1RB_Left	23.08	/	/	19.60	/	/	<=30	Pass
		Inner_1RB_Right	23.40	/	/	19.92	/	/	<=30	Pass
	3939.99	Outer_Full	23.11	/	/	19.63	/	/	<=30	Pass
		Inner_Full	23.68	/	/	20.20	/	/	<=30	Pass
		Inner_1RB_Left	22.83	/	/	19.35	/	/	<=30	Pass
		Inner_1RB_Right	23.75	/	/	20.27	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3740.01	Outer_Full	21.92	/	/	18.44	/	/	<=30	Pass
		Inner_Full	21.95	/	/	18.47	/	/	<=30	Pass

		Inner_1RB_Left	21.59	/	/	18.11	/	/	<=30	Pass
		Inner_1RB_Right	22.24	/	/	18.76	/	/	<=30	Pass
	3840	Outer_Full	21.69	/	/	18.21	/	/	<=30	Pass
		Inner_Full	21.75	/	/	18.27	/	/	<=30	Pass
		Inner_1RB_Left	21.28	/	/	17.80	/	/	<=30	Pass
		Inner_1RB_Right	21.77	/	/	18.29	/	/	<=30	Pass
	3939.99	Outer_Full	20.93	/	/	17.45	/	/	<=30	Pass
		Inner_Full	20.96	/	/	17.48	/	/	<=30	Pass
		Inner_1RB_Left	20.76	/	/	17.28	/	/	<=30	Pass
		Inner_1RB_Right	21.81	/	/	18.33	/	/	<=30	Pass
CP-OFDM QPSK	3740.01	Outer_Full	22.43	/	/	18.95	/	/	<=30	Pass
		Inner_Full	25.03	/	/	21.55	/	/	<=30	Pass
		Inner_1RB_Left	24.72	/	/	21.24	/	/	<=30	Pass
		Inner_1RB_Right	25.28	/	/	21.80	/	/	<=30	Pass
	3840	Outer_Full	22.57	/	/	19.09	/	/	<=30	Pass
		Inner_Full	25.20	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Left	24.84	/	/	21.36	/	/	<=30	Pass
		Inner_1RB_Right	25.26	/	/	21.78	/	/	<=30	Pass
	3939.99	Outer_Full	22.65	/	/	19.17	/	/	<=30	Pass
		Inner_Full	25.02	/	/	21.54	/	/	<=30	Pass
		Inner_1RB_Left	24.65	/	/	21.17	/	/	<=30	Pass
		Inner_1RB_Right	25.46	/	/	21.98	/	/	<=30	Pass
CP-OFDM 16 QAM	3740.01	Outer_Full	22.47	/	/	18.99	/	/	<=30	Pass
		Inner_Full	24.58	/	/	21.10	/	/	<=30	Pass
		Inner_1RB_Left	24.27	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Right	24.81	/	/	21.33	/	/	<=30	Pass
	3840	Outer_Full	22.62	/	/	19.14	/	/	<=30	Pass
		Inner_Full	24.60	/	/	21.12	/	/	<=30	Pass
		Inner_1RB_Left	24.48	/	/	21.00	/	/	<=30	Pass
		Inner_1RB_Right	24.57	/	/	21.09	/	/	<=30	Pass
	3939.99	Outer_Full	22.55	/	/	19.07	/	/	<=30	Pass
		Inner_Full	24.67	/	/	21.19	/	/	<=30	Pass
		Inner_1RB_Left	23.92	/	/	20.44	/	/	<=30	Pass
		Inner_1RB_Right	24.83	/	/	21.35	/	/	<=30	Pass
CP-OFDM 64 QAM	3740.01	Outer_Full	21.92	/	/	18.44	/	/	<=30	Pass
		Inner_Full	22.57	/	/	19.09	/	/	<=30	Pass
		Inner_1RB_Left	22.29	/	/	18.81	/	/	<=30	Pass
		Inner_1RB_Right	22.73	/	/	19.25	/	/	<=30	Pass
	3840	Outer_Full	22.03	/	/	18.55	/	/	<=30	Pass
		Inner_Full	22.67	/	/	19.19	/	/	<=30	Pass
		Inner_1RB_Left	22.27	/	/	18.79	/	/	<=30	Pass
		Inner_1RB_Right	22.53	/	/	19.05	/	/	<=30	Pass
	3939.99	Outer_Full	22.07	/	/	18.59	/	/	<=30	Pass
		Inner_Full	22.70	/	/	19.22	/	/	<=30	Pass
		Inner_1RB_Left	22.12	/	/	18.64	/	/	<=30	Pass
		Inner_1RB_Right	22.89	/	/	19.41	/	/	<=30	Pass
CP-OFDM 256 QAM	3740.01	Outer_Full	20.04	/	/	16.56	/	/	<=30	Pass
		Inner_Full	20.12	/	/	16.64	/	/	<=30	Pass
		Inner_1RB_Left	19.94	/	/	16.46	/	/	<=30	Pass
		Inner_1RB_Right	20.58	/	/	17.10	/	/	<=30	Pass
	3840	Outer_Full	19.68	/	/	16.20	/	/	<=30	Pass
		Inner_Full	19.77	/	/	16.29	/	/	<=30	Pass
		Inner_1RB_Left	19.33	/	/	15.85	/	/	<=30	Pass
		Inner_1RB_Right	19.71	/	/	16.23	/	/	<=30	Pass
	3939.99	Outer_Full	19.34	/	/	15.86	/	/	<=30	Pass
		Inner_Full	19.56	/	/	16.08	/	/	<=30	Pass
		Inner_1RB_Left	19.17	/	/	15.69	/	/	<=30	Pass
		Inner_1RB_Right	19.73	/	/	16.25	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi;										

Note2: EIRP=Conducted Power+Antenna Gain

1.1.11 30_SISO_90M_NTNV_EIRP

5G NR n77a 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	3745.02	Outer_Full	25.01	/	/	21.53	/	/	<=30	Pass
		Inner_Full	26.61	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Left	26.25	/	/	22.77	/	/	<=30	Pass
		Inner_1RB_Right	26.87	/	/	23.39	/	/	<=30	Pass
	3840	Outer_Full	25.14	/	/	21.66	/	/	<=30	Pass
		Inner_Full	26.70	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Left	26.47	/	/	22.99	/	/	<=30	Pass
		Inner_1RB_Right	26.76	/	/	23.28	/	/	<=30	Pass
	3934.98	Outer_Full	25.11	/	/	21.63	/	/	<=30	Pass
		Inner_Full	26.73	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Left	26.19	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Right	26.89	/	/	23.41	/	/	<=30	Pass
DFT-s-OFDM QPSK	3745.02	Outer_Full	24.64	/	/	21.16	/	/	<=30	Pass
		Inner_Full	26.59	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Left	26.19	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Right	26.94	/	/	23.46	/	/	<=30	Pass
	3840	Outer_Full	24.73	/	/	21.25	/	/	<=30	Pass
		Inner_Full	26.80	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Left	26.45	/	/	22.97	/	/	<=30	Pass
		Inner_1RB_Right	26.63	/	/	23.15	/	/	<=30	Pass
	3934.98	Outer_Full	24.64	/	/	21.16	/	/	<=30	Pass
		Inner_Full	26.66	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Left	26.02	/	/	22.54	/	/	<=30	Pass
		Inner_1RB_Right	26.88	/	/	23.40	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3745.02	Outer_Full	23.55	/	/	20.07	/	/	<=30	Pass
		Inner_Full	25.59	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Left	25.35	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Right	25.84	/	/	22.36	/	/	<=30	Pass
	3840	Outer_Full	23.58	/	/	20.10	/	/	<=30	Pass
		Inner_Full	25.66	/	/	22.18	/	/	<=30	Pass
		Inner_1RB_Left	25.36	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Right	25.72	/	/	22.24	/	/	<=30	Pass
	3934.98	Outer_Full	23.59	/	/	20.11	/	/	<=30	Pass
		Inner_Full	25.73	/	/	22.25	/	/	<=30	Pass
		Inner_1RB_Left	25.00	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Right	25.95	/	/	22.47	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3745.02	Outer_Full	23.06	/	/	19.58	/	/	<=30	Pass
		Inner_Full	23.62	/	/	20.14	/	/	<=30	Pass
		Inner_1RB_Left	22.79	/	/	19.31	/	/	<=30	Pass
		Inner_1RB_Right	23.60	/	/	20.12	/	/	<=30	Pass
	3840	Outer_Full	23.13	/	/	19.65	/	/	<=30	Pass
		Inner_Full	23.71	/	/	20.23	/	/	<=30	Pass
		Inner_1RB_Left	23.23	/	/	19.75	/	/	<=30	Pass
		Inner_1RB_Right	23.41	/	/	19.93	/	/	<=30	Pass
	3934.98	Outer_Full	23.25	/	/	19.77	/	/	<=30	Pass
		Inner_Full	23.65	/	/	20.17	/	/	<=30	Pass
		Inner_1RB_Left	22.86	/	/	19.38	/	/	<=30	Pass
		Inner_1RB_Right	23.53	/	/	20.05	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3745.02	Outer_Full	21.93	/	/	18.45	/	/	<=30	Pass
		Inner_Full	21.75	/	/	18.27	/	/	<=30	Pass

		Inner_1RB_Left	21.48	/	/	18.00	/	/	<=30	Pass
		Inner_1RB_Right	22.31	/	/	18.83	/	/	<=30	Pass
	3840	Outer_Full	22.02	/	/	18.54	/	/	<=30	Pass
		Inner_Full	22.42	/	/	18.94	/	/	<=30	Pass
		Inner_1RB_Left	22.06	/	/	18.58	/	/	<=30	Pass
		Inner_1RB_Right	22.21	/	/	18.73	/	/	<=30	Pass
	3934.98	Outer_Full	21.35	/	/	17.87	/	/	<=30	Pass
		Inner_Full	21.60	/	/	18.12	/	/	<=30	Pass
		Inner_1RB_Left	21.59	/	/	18.11	/	/	<=30	Pass
		Inner_1RB_Right	21.89	/	/	18.41	/	/	<=30	Pass
CP-OFDM QPSK	3745.02	Outer_Full	22.50	/	/	19.02	/	/	<=30	Pass
		Inner_Full	24.97	/	/	21.49	/	/	<=30	Pass
		Inner_1RB_Left	24.70	/	/	21.22	/	/	<=30	Pass
		Inner_1RB_Right	25.29	/	/	21.81	/	/	<=30	Pass
	3840	Outer_Full	22.58	/	/	19.10	/	/	<=30	Pass
		Inner_Full	25.08	/	/	21.60	/	/	<=30	Pass
		Inner_1RB_Left	24.83	/	/	21.35	/	/	<=30	Pass
		Inner_1RB_Right	25.26	/	/	21.78	/	/	<=30	Pass
	3934.98	Outer_Full	22.57	/	/	19.09	/	/	<=30	Pass
		Inner_Full	25.14	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Left	24.64	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Right	25.36	/	/	21.88	/	/	<=30	Pass
CP-OFDM 16 QAM	3745.02	Outer_Full	22.44	/	/	18.96	/	/	<=30	Pass
		Inner_Full	24.61	/	/	21.13	/	/	<=30	Pass
		Inner_1RB_Left	24.24	/	/	20.76	/	/	<=30	Pass
		Inner_1RB_Right	24.87	/	/	21.39	/	/	<=30	Pass
	3840	Outer_Full	22.62	/	/	19.14	/	/	<=30	Pass
		Inner_Full	24.58	/	/	21.10	/	/	<=30	Pass
		Inner_1RB_Left	24.25	/	/	20.77	/	/	<=30	Pass
		Inner_1RB_Right	24.48	/	/	21.00	/	/	<=30	Pass
	3934.98	Outer_Full	22.51	/	/	19.03	/	/	<=30	Pass
		Inner_Full	24.68	/	/	21.20	/	/	<=30	Pass
		Inner_1RB_Left	23.98	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Right	24.86	/	/	21.38	/	/	<=30	Pass
CP-OFDM 64 QAM	3745.02	Outer_Full	21.87	/	/	18.39	/	/	<=30	Pass
		Inner_Full	22.49	/	/	19.01	/	/	<=30	Pass
		Inner_1RB_Left	22.21	/	/	18.73	/	/	<=30	Pass
		Inner_1RB_Right	22.76	/	/	19.28	/	/	<=30	Pass
	3840	Outer_Full	22.05	/	/	18.57	/	/	<=30	Pass
		Inner_Full	22.72	/	/	19.24	/	/	<=30	Pass
		Inner_1RB_Left	22.34	/	/	18.86	/	/	<=30	Pass
		Inner_1RB_Right	22.65	/	/	19.17	/	/	<=30	Pass
	3934.98	Outer_Full	22.05	/	/	18.57	/	/	<=30	Pass
		Inner_Full	22.66	/	/	19.18	/	/	<=30	Pass
		Inner_1RB_Left	22.04	/	/	18.56	/	/	<=30	Pass
		Inner_1RB_Right	22.78	/	/	19.30	/	/	<=30	Pass
CP-OFDM 256 QAM	3745.02	Outer_Full	20.13	/	/	16.65	/	/	<=30	Pass
		Inner_Full	20.09	/	/	16.61	/	/	<=30	Pass
		Inner_1RB_Left	19.60	/	/	16.12	/	/	<=30	Pass
		Inner_1RB_Right	20.41	/	/	16.93	/	/	<=30	Pass
	3840	Outer_Full	20.20	/	/	16.72	/	/	<=30	Pass
		Inner_Full	20.22	/	/	16.74	/	/	<=30	Pass
		Inner_1RB_Left	19.93	/	/	16.45	/	/	<=30	Pass
		Inner_1RB_Right	20.09	/	/	16.61	/	/	<=30	Pass
	3934.98	Outer_Full	19.77	/	/	16.29	/	/	<=30	Pass
		Inner_Full	19.91	/	/	16.43	/	/	<=30	Pass
		Inner_1RB_Left	19.60	/	/	16.12	/	/	<=30	Pass
		Inner_1RB_Right	20.19	/	/	16.71	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi;										

Note2: EIRP=Conducted Power+Antenna Gain

1.1.12 30_SISO_100M_NTNV_EIRP

5G NR n77a 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	3750	Outer_Full	25.08	/	/	21.60	/	/	<=30	Pass
		Inner_Full	26.53	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Left	26.11	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Right	26.88	/	/	23.40	/	/	<=30	Pass
	3840	Outer_Full	25.12	/	/	21.64	/	/	<=30	Pass
		Inner_Full	26.67	/	/	23.19	/	/	<=30	Pass
		Inner_1RB_Left	26.56	/	/	23.08	/	/	<=30	Pass
		Inner_1RB_Right	26.67	/	/	23.19	/	/	<=30	Pass
	3930	Outer_Full	25.12	/	/	21.64	/	/	<=30	Pass
		Inner_Full	26.66	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Left	26.18	/	/	22.70	/	/	<=30	Pass
		Inner_1RB_Right	26.91	/	/	23.43	/	/	<=30	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	24.55	/	/	21.07	/	/	<=30	Pass
		Inner_Full	26.59	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Left	26.21	/	/	22.73	/	/	<=30	Pass
		Inner_1RB_Right	26.84	/	/	23.36	/	/	<=30	Pass
	3840	Outer_Full	24.63	/	/	21.15	/	/	<=30	Pass
		Inner_Full	26.74	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Left	26.33	/	/	22.85	/	/	<=30	Pass
		Inner_1RB_Right	26.62	/	/	23.14	/	/	<=30	Pass
	3930	Outer_Full	24.67	/	/	21.19	/	/	<=30	Pass
		Inner_Full	26.65	/	/	23.17	/	/	<=30	Pass
		Inner_1RB_Left	26.17	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Right	26.97	/	/	23.49	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	23.51	/	/	20.03	/	/	<=30	Pass
		Inner_Full	25.53	/	/	22.05	/	/	<=30	Pass
		Inner_1RB_Left	25.20	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Right	25.87	/	/	22.39	/	/	<=30	Pass
	3840	Outer_Full	23.50	/	/	20.02	/	/	<=30	Pass
		Inner_Full	25.68	/	/	22.20	/	/	<=30	Pass
		Inner_1RB_Left	25.47	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Right	25.73	/	/	22.25	/	/	<=30	Pass
	3930	Outer_Full	23.65	/	/	20.17	/	/	<=30	Pass
		Inner_Full	25.75	/	/	22.27	/	/	<=30	Pass
		Inner_1RB_Left	25.09	/	/	21.61	/	/	<=30	Pass
		Inner_1RB_Right	25.93	/	/	22.45	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	23.07	/	/	19.59	/	/	<=30	Pass
		Inner_Full	23.64	/	/	20.16	/	/	<=30	Pass
		Inner_1RB_Left	23.16	/	/	19.68	/	/	<=30	Pass
		Inner_1RB_Right	23.58	/	/	20.10	/	/	<=30	Pass
	3840	Outer_Full	23.10	/	/	19.62	/	/	<=30	Pass
		Inner_Full	23.70	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Left	23.26	/	/	19.78	/	/	<=30	Pass
		Inner_1RB_Right	23.39	/	/	19.91	/	/	<=30	Pass
	3930	Outer_Full	23.07	/	/	19.59	/	/	<=30	Pass
		Inner_Full	23.66	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Left	22.82	/	/	19.34	/	/	<=30	Pass
		Inner_1RB_Right	23.83	/	/	20.35	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	22.03	/	/	18.55	/	/	<=30	Pass
		Inner_Full	22.17	/	/	18.69	/	/	<=30	Pass

		Inner_1RB_Left	21.91	/	/	18.43	/	/	<=30	Pass
		Inner_1RB_Right	22.55	/	/	19.07	/	/	<=30	Pass
	3840	Outer_Full	22.01	/	/	18.53	/	/	<=30	Pass
		Inner_Full	21.99	/	/	18.51	/	/	<=30	Pass
		Inner_1RB_Left	21.57	/	/	18.09	/	/	<=30	Pass
		Inner_1RB_Right	21.93	/	/	18.45	/	/	<=30	Pass
	3930	Outer_Full	21.52	/	/	18.04	/	/	<=30	Pass
		Inner_Full	21.73	/	/	18.25	/	/	<=30	Pass
		Inner_1RB_Left	21.11	/	/	17.63	/	/	<=30	Pass
		Inner_1RB_Right	21.88	/	/	18.40	/	/	<=30	Pass
CP-OFDM QPSK	3750	Outer_Full	22.51	/	/	19.03	/	/	<=30	Pass
		Inner_Full	25.10	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Left	24.64	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Right	25.36	/	/	21.88	/	/	<=30	Pass
	3840	Outer_Full	22.54	/	/	19.06	/	/	<=30	Pass
		Inner_Full	25.26	/	/	21.78	/	/	<=30	Pass
		Inner_1RB_Left	24.89	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Right	25.09	/	/	21.61	/	/	<=30	Pass
	3930	Outer_Full	22.60	/	/	19.12	/	/	<=30	Pass
		Inner_Full	25.31	/	/	21.83	/	/	<=30	Pass
		Inner_1RB_Left	24.56	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Right	25.55	/	/	22.07	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Outer_Full	22.47	/	/	18.99	/	/	<=30	Pass
		Inner_Full	24.57	/	/	21.09	/	/	<=30	Pass
		Inner_1RB_Left	24.16	/	/	20.68	/	/	<=30	Pass
		Inner_1RB_Right	24.89	/	/	21.41	/	/	<=30	Pass
	3840	Outer_Full	22.50	/	/	19.02	/	/	<=30	Pass
		Inner_Full	24.66	/	/	21.18	/	/	<=30	Pass
		Inner_1RB_Left	24.28	/	/	20.80	/	/	<=30	Pass
		Inner_1RB_Right	24.54	/	/	21.06	/	/	<=30	Pass
	3930	Outer_Full	22.51	/	/	19.03	/	/	<=30	Pass
		Inner_Full	24.66	/	/	21.18	/	/	<=30	Pass
		Inner_1RB_Left	24.06	/	/	20.58	/	/	<=30	Pass
		Inner_1RB_Right	24.92	/	/	21.44	/	/	<=30	Pass
CP-OFDM 64 QAM	3750	Outer_Full	21.98	/	/	18.50	/	/	<=30	Pass
		Inner_Full	22.52	/	/	19.04	/	/	<=30	Pass
		Inner_1RB_Left	22.22	/	/	18.74	/	/	<=30	Pass
		Inner_1RB_Right	22.90	/	/	19.42	/	/	<=30	Pass
	3840	Outer_Full	22.08	/	/	18.60	/	/	<=30	Pass
		Inner_Full	22.60	/	/	19.12	/	/	<=30	Pass
		Inner_1RB_Left	22.17	/	/	18.69	/	/	<=30	Pass
		Inner_1RB_Right	22.64	/	/	19.16	/	/	<=30	Pass
	3930	Outer_Full	22.04	/	/	18.56	/	/	<=30	Pass
		Inner_Full	22.59	/	/	19.11	/	/	<=30	Pass
		Inner_1RB_Left	22.08	/	/	18.60	/	/	<=30	Pass
		Inner_1RB_Right	22.95	/	/	19.47	/	/	<=30	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20.13	/	/	16.65	/	/	<=30	Pass
		Inner_Full	20.47	/	/	16.99	/	/	<=30	Pass
		Inner_1RB_Left	20.06	/	/	16.58	/	/	<=30	Pass
		Inner_1RB_Right	20.81	/	/	17.33	/	/	<=30	Pass
	3840	Outer_Full	19.83	/	/	16.35	/	/	<=30	Pass
		Inner_Full	20.25	/	/	16.77	/	/	<=30	Pass
		Inner_1RB_Left	19.80	/	/	16.32	/	/	<=30	Pass
		Inner_1RB_Right	20.04	/	/	16.56	/	/	<=30	Pass
	3930	Outer_Full	19.65	/	/	16.17	/	/	<=30	Pass
		Inner_Full	19.70	/	/	16.22	/	/	<=30	Pass
		Inner_1RB_Left	19.56	/	/	16.08	/	/	<=30	Pass
		Inner_1RB_Right	20.11	/	/	16.63	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi;										

Note2: EIRP=Conducted Power+Antenna Gain

1.1.13 30_MIMO_10M_NTNV_EIRP

5G NR n77a 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	3705	Outer_Full	25.14	25.15	28.16	21.66	21.67	24.68	<=30	Pass
		Inner_Full	26.75	26.76	29.76	23.27	23.28	26.29	<=30	Pass
		Inner_1RB_Left	26.63	26.66	29.65	23.15	23.18	26.18	<=30	Pass
		Inner_1RB_Right	26.78	26.77	29.79	23.30	23.29	26.31	<=30	Pass
	3840	Outer_Full	25.10	25.13	28.13	21.62	21.65	24.65	<=30	Pass
		Inner_Full	26.69	26.72	29.72	23.21	23.24	26.24	<=30	Pass
		Inner_1RB_Left	26.44	26.46	29.46	22.96	22.98	25.98	<=30	Pass
		Inner_1RB_Right	26.62	26.66	29.65	23.14	23.18	26.17	<=30	Pass
	3975	Outer_Full	24.87	25.00	27.95	21.39	21.52	24.47	<=30	Pass
		Inner_Full	26.46	26.60	29.54	22.98	23.12	26.06	<=30	Pass
		Inner_1RB_Left	26.45	26.60	29.54	22.97	23.12	26.06	<=30	Pass
		Inner_1RB_Right	26.24	26.38	29.32	22.76	22.90	25.84	<=30	Pass
DFT-s-OFDM QPSK	3705	Outer_Full	24.64	24.65	27.65	21.16	21.17	24.18	<=30	Pass
		Inner_Full	26.66	26.68	29.68	23.18	23.20	26.20	<=30	Pass
		Inner_1RB_Left	26.58	26.61	29.60	23.10	23.13	26.13	<=30	Pass
		Inner_1RB_Right	26.64	26.64	29.65	23.16	23.16	26.17	<=30	Pass
	3840	Outer_Full	24.66	24.69	27.68	21.18	21.21	24.21	<=30	Pass
		Inner_Full	26.69	26.72	29.71	23.21	23.24	26.24	<=30	Pass
		Inner_1RB_Left	26.49	26.51	29.51	23.01	23.03	26.03	<=30	Pass
		Inner_1RB_Right	26.58	26.62	29.61	23.10	23.14	26.13	<=30	Pass
	3975	Outer_Full	24.55	24.69	27.63	21.07	21.21	24.15	<=30	Pass
		Inner_Full	26.37	26.52	29.46	22.89	23.04	25.98	<=30	Pass
		Inner_1RB_Left	26.38	26.53	29.47	22.90	23.05	25.99	<=30	Pass
		Inner_1RB_Right	26.28	26.43	29.37	22.80	22.95	25.89	<=30	Pass
DFT-s-OFDM 16 QAM	3705	Outer_Full	23.64	23.65	26.65	20.16	20.17	23.18	<=30	Pass
		Inner_Full	25.75	25.77	28.77	22.27	22.29	25.29	<=30	Pass
		Inner_1RB_Left	25.62	25.65	28.65	22.14	22.17	25.17	<=30	Pass
		Inner_1RB_Right	25.80	25.80	28.81	22.32	22.32	25.33	<=30	Pass
	3840	Outer_Full	23.63	23.66	26.66	20.15	20.18	23.18	<=30	Pass
		Inner_Full	25.78	25.80	28.80	22.30	22.32	25.32	<=30	Pass
		Inner_1RB_Left	25.53	25.55	28.55	22.05	22.07	25.07	<=30	Pass
		Inner_1RB_Right	25.58	25.61	28.61	22.10	22.13	25.13	<=30	Pass
	3975	Outer_Full	23.41	23.56	26.50	19.93	20.08	23.02	<=30	Pass
		Inner_Full	25.40	25.54	28.48	21.92	22.06	25.00	<=30	Pass
		Inner_1RB_Left	25.48	25.63	28.57	22.00	22.15	25.09	<=30	Pass
		Inner_1RB_Right	25.27	25.42	28.36	21.79	21.94	24.88	<=30	Pass
DFT-s-OFDM 64 QAM	3705	Outer_Full	23.03	23.04	26.05	19.55	19.56	22.57	<=30	Pass
		Inner_Full	23.75	23.76	26.77	20.27	20.28	23.29	<=30	Pass
		Inner_1RB_Left	23.42	23.45	26.45	19.94	19.97	22.97	<=30	Pass
		Inner_1RB_Right	23.49	23.48	26.49	20.01	20.00	23.02	<=30	Pass
	3840	Outer_Full	23.15	23.18	26.18	19.67	19.70	22.70	<=30	Pass
		Inner_Full	23.62	23.65	26.65	20.14	20.17	23.17	<=30	Pass
		Inner_1RB_Left	23.55	23.56	26.57	20.07	20.08	23.09	<=30	Pass
		Inner_1RB_Right	23.68	23.72	26.71	20.20	20.24	23.23	<=30	Pass
	3975	Outer_Full	23.02	23.17	26.11	19.54	19.69	22.63	<=30	Pass
		Inner_Full	23.50	23.64	26.58	20.02	20.16	23.10	<=30	Pass
		Inner_1RB_Left	23.38	23.53	26.47	19.90	20.05	22.99	<=30	Pass
		Inner_1RB_Right	23.37	23.52	26.46	19.89	20.04	22.98	<=30	Pass
DFT-s-OFDM 256 QAM	3705	Outer_Full	22.51	22.52	25.53	19.03	19.04	22.05	<=30	Pass
		Inner_Full	22.41	22.42	25.42	18.93	18.94	21.95	<=30	Pass

		Inner_1RB_Left	22.34	22.37	25.37	18.86	18.89	21.89	<=30	Pass
		Inner_1RB_Right	22.41	22.41	25.42	18.93	18.93	21.94	<=30	Pass
	3840	Outer_Full	21.88	21.91	24.91	18.40	18.43	21.43	<=30	Pass
		Inner_Full	21.88	21.92	24.91	18.40	18.44	21.43	<=30	Pass
		Inner_1RB_Left	21.57	21.59	24.59	18.09	18.11	21.11	<=30	Pass
		Inner_1RB_Right	21.53	21.57	24.56	18.05	18.09	21.08	<=30	Pass
	3975	Outer_Full	21.76	21.91	24.84	18.28	18.43	21.37	<=30	Pass
		Inner_Full	21.70	21.84	24.78	18.22	18.36	21.30	<=30	Pass
		Inner_1RB_Left	21.49	21.65	24.58	18.01	18.17	21.10	<=30	Pass
		Inner_1RB_Right	21.32	21.47	24.40	17.84	17.99	20.93	<=30	Pass
CP-OFDM QPSK	3705	Outer_Full	22.67	22.68	25.69	19.19	19.20	22.21	<=30	Pass
		Inner_Full	25.19	25.20	28.20	21.71	21.72	24.73	<=30	Pass
		Inner_1RB_Left	25.05	25.07	28.07	21.57	21.59	24.59	<=30	Pass
		Inner_1RB_Right	25.14	25.14	28.15	21.66	21.66	24.67	<=30	Pass
	3840	Outer_Full	22.62	22.65	25.64	19.14	19.17	22.17	<=30	Pass
		Inner_Full	25.24	25.27	28.27	21.76	21.79	24.79	<=30	Pass
		Inner_1RB_Left	25.14	25.16	28.16	21.66	21.68	24.68	<=30	Pass
		Inner_1RB_Right	25.11	25.14	28.13	21.63	21.66	24.66	<=30	Pass
	3975	Outer_Full	22.39	22.54	25.47	18.91	19.06	22.00	<=30	Pass
		Inner_Full	24.92	25.07	28.01	21.44	21.59	24.53	<=30	Pass
		Inner_1RB_Left	25.01	25.17	28.10	21.53	21.69	24.62	<=30	Pass
		Inner_1RB_Right	24.77	24.93	27.86	21.29	21.45	24.38	<=30	Pass
CP-OFDM 16 QAM	3705	Outer_Full	22.56	22.57	25.58	19.08	19.09	22.10	<=30	Pass
		Inner_Full	24.70	24.71	27.71	21.22	21.23	24.24	<=30	Pass
		Inner_1RB_Left	24.46	24.49	27.49	20.98	21.01	24.01	<=30	Pass
		Inner_1RB_Right	24.56	24.56	27.57	21.08	21.08	24.09	<=30	Pass
	3840	Outer_Full	22.57	22.61	25.60	19.09	19.13	22.12	<=30	Pass
		Inner_Full	24.57	24.61	27.60	21.09	21.13	24.12	<=30	Pass
		Inner_1RB_Left	24.52	24.54	27.54	21.04	21.06	24.06	<=30	Pass
		Inner_1RB_Right	24.44	24.48	27.47	20.96	21.00	23.99	<=30	Pass
	3975	Outer_Full	22.35	22.50	25.44	18.87	19.02	21.96	<=30	Pass
		Inner_Full	24.44	24.59	27.53	20.96	21.11	24.05	<=30	Pass
		Inner_1RB_Left	24.45	24.61	27.54	20.97	21.13	24.06	<=30	Pass
		Inner_1RB_Right	24.33	24.48	27.42	20.85	21.00	23.94	<=30	Pass
CP-OFDM 64 QAM	3705	Outer_Full	22.14	22.15	25.16	18.66	18.67	21.68	<=30	Pass
		Inner_Full	22.75	22.76	25.76	19.27	19.28	22.29	<=30	Pass
		Inner_1RB_Left	22.73	22.76	25.75	19.25	19.28	22.28	<=30	Pass
		Inner_1RB_Right	22.70	22.70	25.71	19.22	19.22	22.23	<=30	Pass
	3840	Outer_Full	22.09	22.12	25.12	18.61	18.64	21.64	<=30	Pass
		Inner_Full	22.66	22.69	25.69	19.18	19.21	22.21	<=30	Pass
		Inner_1RB_Left	22.74	22.76	25.76	19.26	19.28	22.28	<=30	Pass
		Inner_1RB_Right	22.73	22.77	25.76	19.25	19.29	22.28	<=30	Pass
	3975	Outer_Full	21.98	22.13	25.07	18.50	18.65	21.59	<=30	Pass
		Inner_Full	22.45	22.60	25.53	18.97	19.12	22.06	<=30	Pass
		Inner_1RB_Left	22.51	22.67	25.60	19.03	19.19	22.12	<=30	Pass
		Inner_1RB_Right	22.22	22.37	25.31	18.74	18.89	21.83	<=30	Pass
CP-OFDM 256 QAM	3705	Outer_Full	20.51	20.52	23.52	17.03	17.04	20.05	<=30	Pass
		Inner_Full	20.35	20.36	23.37	16.87	16.88	19.89	<=30	Pass
		Inner_1RB_Left	20.16	20.19	23.18	16.68	16.71	19.71	<=30	Pass
		Inner_1RB_Right	20.17	20.17	23.18	16.69	16.69	19.70	<=30	Pass
	3840	Outer_Full	19.89	19.92	22.91	16.41	16.44	19.44	<=30	Pass
		Inner_Full	19.95	19.98	22.97	16.47	16.50	19.50	<=30	Pass
		Inner_1RB_Left	19.76	19.78	22.78	16.28	16.30	19.30	<=30	Pass
		Inner_1RB_Right	19.63	19.67	22.66	16.15	16.19	19.18	<=30	Pass
	3975	Outer_Full	17.73	17.89	20.82	14.25	14.41	17.34	<=30	Pass
		Inner_Full	17.60	17.76	20.69	14.12	14.28	17.21	<=30	Pass
		Inner_1RB_Left	17.46	17.63	20.56	13.98	14.15	17.08	<=30	Pass
		Inner_1RB_Right	17.52	17.68	20.61	14.04	14.20	17.13	<=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 30_MIMO_15M_NTNV_EIRP

5G NR n77a 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	3707.52	Outer_Full	25.16	25.13	28.16	21.68	21.65	24.68	<=30	Pass
		Inner_Full	26.64	26.63	29.64	23.16	23.15	26.17	<=30	Pass
		Inner_1RB_Left	26.50	26.47	29.50	23.02	22.99	26.02	<=30	Pass
		Inner_1RB_Right	26.66	26.63	29.66	23.18	23.15	26.18	<=30	Pass
	3840	Outer_Full	25.16	25.11	28.15	21.68	21.63	24.67	<=30	Pass
		Inner_Full	26.60	26.55	29.58	23.12	23.07	26.11	<=30	Pass
		Inner_1RB_Left	26.47	26.40	29.45	22.99	22.92	25.97	<=30	Pass
		Inner_1RB_Right	26.61	26.58	29.60	23.13	23.10	26.13	<=30	Pass
	3972.48	Outer_Full	25.06	25.13	28.10	21.58	21.65	24.63	<=30	Pass
		Inner_Full	26.48	26.55	29.53	23.00	23.07	26.05	<=30	Pass
		Inner_1RB_Left	26.54	26.62	29.59	23.06	23.14	26.11	<=30	Pass
		Inner_1RB_Right	26.40	26.47	29.44	22.92	22.99	25.97	<=30	Pass
DFT-s-OFDM QPSK	3707.52	Outer_Full	24.66	24.64	27.66	21.18	21.16	24.18	<=30	Pass
		Inner_Full	26.68	26.66	29.68	23.20	23.18	26.20	<=30	Pass
		Inner_1RB_Left	26.52	26.49	29.52	23.04	23.01	26.04	<=30	Pass
		Inner_1RB_Right	26.61	26.58	29.61	23.13	23.10	26.13	<=30	Pass
	3840	Outer_Full	24.68	24.63	27.66	21.20	21.15	24.19	<=30	Pass
		Inner_Full	26.60	26.55	29.59	23.12	23.07	26.11	<=30	Pass
		Inner_1RB_Left	26.66	26.58	29.63	23.18	23.10	26.15	<=30	Pass
		Inner_1RB_Right	26.53	26.50	29.53	23.05	23.02	26.05	<=30	Pass
	3972.48	Outer_Full	24.49	24.57	27.54	21.01	21.09	24.06	<=30	Pass
		Inner_Full	26.45	26.52	29.50	22.97	23.04	26.02	<=30	Pass
		Inner_1RB_Left	26.46	26.55	29.52	22.98	23.07	26.04	<=30	Pass
		Inner_1RB_Right	26.47	26.54	29.51	22.99	23.06	26.04	<=30	Pass
DFT-s-OFDM 16 QAM	3707.52	Outer_Full	23.69	23.67	26.69	20.21	20.19	23.21	<=30	Pass
		Inner_Full	25.66	25.64	28.66	22.18	22.16	25.18	<=30	Pass
		Inner_1RB_Left	25.59	25.56	28.59	22.11	22.08	25.11	<=30	Pass
		Inner_1RB_Right	25.59	25.56	28.59	22.11	22.08	25.11	<=30	Pass
	3840	Outer_Full	23.73	23.68	26.71	20.25	20.20	23.24	<=30	Pass
		Inner_Full	25.77	25.72	28.76	22.29	22.24	25.28	<=30	Pass
		Inner_1RB_Left	25.58	25.51	28.56	22.10	22.03	25.08	<=30	Pass
		Inner_1RB_Right	25.69	25.67	28.69	22.21	22.19	25.21	<=30	Pass
	3972.48	Outer_Full	23.51	23.58	26.55	20.03	20.10	23.08	<=30	Pass
		Inner_Full	25.54	25.61	28.58	22.06	22.13	25.11	<=30	Pass
		Inner_1RB_Left	25.76	25.85	28.81	22.28	22.37	25.34	<=30	Pass
		Inner_1RB_Right	25.47	25.54	28.51	21.99	22.06	25.04	<=30	Pass
DFT-s-OFDM 64 QAM	3707.52	Outer_Full	23.06	23.04	26.06	19.58	19.56	22.58	<=30	Pass
		Inner_Full	23.65	23.63	26.65	20.17	20.15	23.17	<=30	Pass
		Inner_1RB_Left	23.69	23.66	26.69	20.21	20.18	23.21	<=30	Pass
		Inner_1RB_Right	23.56	23.52	26.55	20.08	20.04	23.07	<=30	Pass
	3840	Outer_Full	23.05	23.00	26.04	19.57	19.52	22.56	<=30	Pass
		Inner_Full	23.57	23.52	26.56	20.09	20.04	23.08	<=30	Pass
		Inner_1RB_Left	23.56	23.49	26.53	20.08	20.01	23.06	<=30	Pass
		Inner_1RB_Right	23.48	23.45	26.47	20.00	19.97	23.00	<=30	Pass
	3972.48	Outer_Full	23.03	23.11	26.08	19.55	19.63	22.60	<=30	Pass
		Inner_Full	23.48	23.55	26.53	20.00	20.07	23.05	<=30	Pass
		Inner_1RB_Left	23.33	23.42	26.39	19.85	19.94	22.91	<=30	Pass
		Inner_1RB_Right	23.48	23.55	26.53	20.00	20.07	23.05	<=30	Pass
DFT-s-OFDM 256 QAM	3707.52	Outer_Full	22.58	22.56	25.58	19.10	19.08	22.10	<=30	Pass
		Inner_Full	22.40	22.39	25.41	18.92	18.91	21.93	<=30	Pass

		Inner_1RB_Left	22.20	22.17	25.20	18.72	18.69	21.72	<=30	Pass
		Inner_1RB_Right	22.51	22.48	25.50	19.03	19.00	22.03	<=30	Pass
	3840	Outer_Full	22.46	22.41	25.45	18.98	18.93	21.97	<=30	Pass
		Inner_Full	22.43	22.38	25.42	18.95	18.90	21.94	<=30	Pass
		Inner_1RB_Left	22.43	22.36	25.40	18.95	18.88	21.93	<=30	Pass
		Inner_1RB_Right	22.28	22.26	25.28	18.80	18.78	21.80	<=30	Pass
	3972.48	Outer_Full	21.62	21.69	24.67	18.14	18.21	21.19	<=30	Pass
		Inner_Full	21.53	21.60	24.58	18.05	18.12	21.10	<=30	Pass
		Inner_1RB_Left	16.93	17.02	19.99	13.45	13.54	16.51	<=30	Pass
		Inner_1RB_Right	21.27	21.35	24.32	17.79	17.87	20.84	<=30	Pass
CP-OFDM QPSK	3707.52	Outer_Full	22.74	22.72	25.74	19.26	19.24	22.26	<=30	Pass
		Inner_Full	25.20	25.19	28.20	21.72	21.71	24.73	<=30	Pass
		Inner_1RB_Left	25.12	25.09	28.12	21.64	21.61	24.64	<=30	Pass
		Inner_1RB_Right	25.20	25.17	28.19	21.72	21.69	24.72	<=30	Pass
	3840	Outer_Full	22.62	22.57	25.61	19.14	19.09	22.13	<=30	Pass
		Inner_Full	25.18	25.13	28.16	21.70	21.65	24.69	<=30	Pass
		Inner_1RB_Left	25.20	25.13	28.18	21.72	21.65	24.70	<=30	Pass
		Inner_1RB_Right	25.15	25.12	28.14	21.67	21.64	24.67	<=30	Pass
	3972.48	Outer_Full	22.45	22.53	25.50	18.97	19.05	22.02	<=30	Pass
		Inner_Full	25.04	25.11	28.09	21.56	21.63	24.61	<=30	Pass
		Inner_1RB_Left	25.01	25.10	28.07	21.53	21.62	24.59	<=30	Pass
		Inner_1RB_Right	24.86	24.93	27.91	21.38	21.45	24.43	<=30	Pass
CP-OFDM 16 QAM	3707.52	Outer_Full	22.60	22.58	25.60	19.12	19.10	22.12	<=30	Pass
		Inner_Full	24.68	24.66	27.68	21.20	21.18	24.20	<=30	Pass
		Inner_1RB_Left	24.41	24.38	27.41	20.93	20.90	23.93	<=30	Pass
		Inner_1RB_Right	24.58	24.55	27.57	21.10	21.07	24.10	<=30	Pass
	3840	Outer_Full	22.62	22.57	25.61	19.14	19.09	22.13	<=30	Pass
		Inner_Full	24.68	24.63	27.66	21.20	21.15	24.19	<=30	Pass
		Inner_1RB_Left	24.56	24.48	27.53	21.08	21.00	24.05	<=30	Pass
		Inner_1RB_Right	24.52	24.49	27.51	21.04	21.01	24.04	<=30	Pass
	3972.48	Outer_Full	22.56	22.63	25.60	19.08	19.15	22.13	<=30	Pass
		Inner_Full	24.57	24.64	27.61	21.09	21.16	24.14	<=30	Pass
		Inner_1RB_Left	24.43	24.51	27.48	20.95	21.03	24.00	<=30	Pass
		Inner_1RB_Right	24.28	24.36	27.33	20.80	20.88	23.85	<=30	Pass
CP-OFDM 64 QAM	3707.52	Outer_Full	22.16	22.14	25.16	18.68	18.66	21.68	<=30	Pass
		Inner_Full	22.57	22.55	25.57	19.09	19.07	22.09	<=30	Pass
		Inner_1RB_Left	22.46	22.43	25.46	18.98	18.95	21.98	<=30	Pass
		Inner_1RB_Right	22.67	22.64	25.66	19.19	19.16	22.19	<=30	Pass
	3840	Outer_Full	22.07	22.03	25.06	18.59	18.55	21.58	<=30	Pass
		Inner_Full	22.56	22.51	25.54	19.08	19.03	22.07	<=30	Pass
		Inner_1RB_Left	22.57	22.50	25.54	19.09	19.02	22.07	<=30	Pass
		Inner_1RB_Right	22.57	22.55	25.57	19.09	19.07	22.09	<=30	Pass
	3972.48	Outer_Full	21.92	22.00	24.97	18.44	18.52	21.49	<=30	Pass
		Inner_Full	22.49	22.56	25.53	19.01	19.08	22.06	<=30	Pass
		Inner_1RB_Left	22.44	22.53	25.50	18.96	19.05	22.02	<=30	Pass
		Inner_1RB_Right	22.36	22.44	25.41	18.88	18.96	21.93	<=30	Pass
CP-OFDM 256 QAM	3707.52	Outer_Full	20.54	20.52	23.54	17.06	17.04	20.06	<=30	Pass
		Inner_Full	20.64	20.63	23.64	17.16	17.15	20.17	<=30	Pass
		Inner_1RB_Left	20.40	20.37	23.40	16.92	16.89	19.92	<=30	Pass
		Inner_1RB_Right	20.40	20.37	23.40	16.92	16.89	19.92	<=30	Pass
	3840	Outer_Full	20.41	20.37	23.40	16.93	16.89	19.92	<=30	Pass
		Inner_Full	20.40	20.35	23.39	16.92	16.87	19.91	<=30	Pass
		Inner_1RB_Left	20.17	20.10	23.14	16.69	16.62	19.67	<=30	Pass
		Inner_1RB_Right	20.22	20.20	23.22	16.74	16.72	19.74	<=30	Pass
	3972.48	Outer_Full	19.86	19.94	22.91	16.38	16.46	19.43	<=30	Pass
		Inner_Full	19.90	19.97	22.94	16.42	16.49	19.47	<=30	Pass
		Inner_1RB_Left	19.72	19.81	22.77	16.24	16.33	19.30	<=30	Pass
		Inner_1RB_Right	19.81	19.89	22.86	16.33	16.41	19.38	<=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 30_MIMO_20M_NTNV_EIRP

5G NR n77a 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	3710.01	Outer_Full	25.18	25.15	28.18	21.70	21.67	24.70	<=30	Pass
		Inner_Full	26.65	26.63	29.65	23.17	23.15	26.17	<=30	Pass
		Inner_1RB_Left	26.51	26.48	29.50	23.03	23.00	26.03	<=30	Pass
		Inner_1RB_Right	26.73	26.67	29.71	23.25	23.19	26.23	<=30	Pass
	3840	Outer_Full	25.14	25.09	28.12	21.66	21.61	24.65	<=30	Pass
		Inner_Full	26.62	26.57	29.60	23.14	23.09	26.13	<=30	Pass
		Inner_1RB_Left	26.52	26.43	29.48	23.04	22.95	26.01	<=30	Pass
		Inner_1RB_Right	26.55	26.53	29.55	23.07	23.05	26.07	<=30	Pass
	3969.99	Outer_Full	25.09	25.15	28.13	21.61	21.67	24.65	<=30	Pass
		Inner_Full	26.62	26.68	29.66	23.14	23.20	26.18	<=30	Pass
		Inner_1RB_Left	26.62	26.71	29.68	23.14	23.23	26.20	<=30	Pass
		Inner_1RB_Right	26.56	26.61	29.59	23.08	23.13	26.12	<=30	Pass
DFT-s-OFDM QPSK	3710.01	Outer_Full	24.65	24.62	27.65	21.17	21.14	24.17	<=30	Pass
		Inner_Full	26.65	26.64	29.66	23.17	23.16	26.18	<=30	Pass
		Inner_1RB_Left	26.54	26.51	29.53	23.06	23.03	26.06	<=30	Pass
		Inner_1RB_Right	26.66	26.61	29.65	23.18	23.13	26.17	<=30	Pass
	3840	Outer_Full	24.51	24.46	27.50	21.03	20.98	24.02	<=30	Pass
		Inner_Full	26.63	26.58	29.61	23.15	23.10	26.14	<=30	Pass
		Inner_1RB_Left	26.49	26.41	29.46	23.01	22.93	25.98	<=30	Pass
		Inner_1RB_Right	26.55	26.53	29.55	23.07	23.05	26.07	<=30	Pass
	3969.99	Outer_Full	24.60	24.66	27.64	21.12	21.18	24.16	<=30	Pass
		Inner_Full	26.53	26.59	29.57	23.05	23.11	26.09	<=30	Pass
		Inner_1RB_Left	26.68	26.76	29.73	23.20	23.28	26.25	<=30	Pass
		Inner_1RB_Right	26.49	26.55	29.53	23.01	23.07	26.05	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Outer_Full	23.59	23.57	26.59	20.11	20.09	23.11	<=30	Pass
		Inner_Full	25.69	25.67	28.69	22.21	22.19	25.21	<=30	Pass
		Inner_1RB_Left	25.70	25.66	28.69	22.22	22.18	25.21	<=30	Pass
		Inner_1RB_Right	25.65	25.60	28.63	22.17	22.12	25.16	<=30	Pass
	3840	Outer_Full	23.65	23.60	26.63	20.17	20.12	23.16	<=30	Pass
		Inner_Full	25.63	25.58	28.61	22.15	22.10	25.14	<=30	Pass
		Inner_1RB_Left	25.79	25.71	28.76	22.31	22.23	25.28	<=30	Pass
		Inner_1RB_Right	25.61	25.59	28.61	22.13	22.11	25.13	<=30	Pass
	3969.99	Outer_Full	23.60	23.66	26.64	20.12	20.18	23.16	<=30	Pass
		Inner_Full	25.55	25.61	28.59	22.07	22.13	25.11	<=30	Pass
		Inner_1RB_Left	25.69	25.77	28.74	22.21	22.29	25.26	<=30	Pass
		Inner_1RB_Right	25.75	25.81	28.79	22.27	22.33	25.31	<=30	Pass
DFT-s-OFDM 64 QAM	3710.01	Outer_Full	23.08	23.06	26.08	19.60	19.58	22.60	<=30	Pass
		Inner_Full	23.62	23.60	26.62	20.14	20.12	23.14	<=30	Pass
		Inner_1RB_Left	23.41	23.38	26.41	19.93	19.90	22.93	<=30	Pass
		Inner_1RB_Right	23.55	23.51	26.54	20.07	20.03	23.06	<=30	Pass
	3840	Outer_Full	23.11	23.06	26.09	19.63	19.58	22.62	<=30	Pass
		Inner_Full	23.62	23.57	26.60	20.14	20.09	23.13	<=30	Pass
		Inner_1RB_Left	23.63	23.55	26.60	20.15	20.07	23.12	<=30	Pass
		Inner_1RB_Right	23.54	23.52	26.54	20.06	20.04	23.06	<=30	Pass
	3969.99	Outer_Full	23.02	23.08	26.06	19.54	19.60	22.58	<=30	Pass
		Inner_Full	23.55	23.60	26.59	20.07	20.12	23.11	<=30	Pass
		Inner_1RB_Left	23.63	23.72	26.68	20.15	20.24	23.21	<=30	Pass
		Inner_1RB_Right	23.50	23.56	26.54	20.02	20.08	23.06	<=30	Pass
DFT-s-OFDM 256 QAM	3710.01	Outer_Full	22.11	22.09	25.11	18.63	18.61	21.63	<=30	Pass
		Inner_Full	22.22	22.20	25.22	18.74	18.72	21.74	<=30	Pass

		Inner_1RB_Left	22.04	22.01	25.03	18.56	18.53	21.56	<=30	Pass
		Inner_1RB_Right	22.07	22.03	25.06	18.59	18.55	21.58	<=30	Pass
	3840	Outer_Full	21.98	21.93	24.96	18.50	18.45	21.49	<=30	Pass
		Inner_Full	22.00	21.95	24.99	18.52	18.47	21.51	<=30	Pass
		Inner_1RB_Left	21.85	21.77	24.82	18.37	18.29	21.34	<=30	Pass
		Inner_1RB_Right	22.10	22.09	25.11	18.62	18.61	21.63	<=30	Pass
	3969.99	Outer_Full	21.87	21.93	24.91	18.39	18.45	21.43	<=30	Pass
		Inner_Full	22.04	22.10	25.08	18.56	18.62	21.60	<=30	Pass
		Inner_1RB_Left	21.83	21.92	24.88	18.35	18.44	21.41	<=30	Pass
		Inner_1RB_Right	21.91	21.97	24.95	18.43	18.49	21.47	<=30	Pass
CP-OFDM QPSK	3710.01	Outer_Full	22.68	22.66	25.68	19.20	19.18	22.20	<=30	Pass
		Inner_Full	25.15	25.13	28.15	21.67	21.65	24.67	<=30	Pass
		Inner_1RB_Left	25.09	25.06	28.09	21.61	21.58	24.61	<=30	Pass
		Inner_1RB_Right	25.33	25.28	28.31	21.85	21.80	24.84	<=30	Pass
	3840	Outer_Full	22.57	22.52	25.56	19.09	19.04	22.08	<=30	Pass
		Inner_Full	25.06	25.00	28.04	21.58	21.52	24.56	<=30	Pass
		Inner_1RB_Left	25.08	25.00	28.05	21.60	21.52	24.57	<=30	Pass
		Inner_1RB_Right	25.11	25.09	28.11	21.63	21.61	24.63	<=30	Pass
	3969.99	Outer_Full	22.55	22.61	25.59	19.07	19.13	22.11	<=30	Pass
		Inner_Full	25.19	25.25	28.23	21.71	21.77	24.75	<=30	Pass
		Inner_1RB_Left	25.06	25.15	28.11	21.58	21.67	24.64	<=30	Pass
		Inner_1RB_Right	25.05	25.11	28.09	21.57	21.63	24.61	<=30	Pass
CP-OFDM 16 QAM	3710.01	Outer_Full	22.56	22.54	25.56	19.08	19.06	22.08	<=30	Pass
		Inner_Full	24.58	24.56	27.58	21.10	21.08	24.10	<=30	Pass
		Inner_1RB_Left	24.51	24.48	27.51	21.03	21.00	24.03	<=30	Pass
		Inner_1RB_Right	24.55	24.50	27.54	21.07	21.02	24.06	<=30	Pass
	3840	Outer_Full	22.63	22.58	25.61	19.15	19.10	22.14	<=30	Pass
		Inner_Full	24.56	24.51	27.54	21.08	21.03	24.07	<=30	Pass
		Inner_1RB_Left	24.49	24.41	27.46	21.01	20.93	23.98	<=30	Pass
		Inner_1RB_Right	24.58	24.57	27.59	21.10	21.09	24.11	<=30	Pass
	3969.99	Outer_Full	22.51	22.58	25.56	19.03	19.10	22.08	<=30	Pass
		Inner_Full	24.58	24.64	27.62	21.10	21.16	24.14	<=30	Pass
		Inner_1RB_Left	24.85	24.93	27.90	21.37	21.45	24.42	<=30	Pass
		Inner_1RB_Right	24.79	24.84	27.82	21.31	21.36	24.35	<=30	Pass
CP-OFDM 64 QAM	3710.01	Outer_Full	22.08	22.06	25.08	18.60	18.58	21.60	<=30	Pass
		Inner_Full	22.67	22.65	25.67	19.19	19.17	22.19	<=30	Pass
		Inner_1RB_Left	22.44	22.41	25.44	18.96	18.93	21.96	<=30	Pass
		Inner_1RB_Right	22.58	22.53	25.56	19.10	19.05	22.09	<=30	Pass
	3840	Outer_Full	22.11	22.06	25.10	18.63	18.58	21.62	<=30	Pass
		Inner_Full	22.71	22.66	25.70	19.23	19.18	22.22	<=30	Pass
		Inner_1RB_Left	22.79	22.71	25.76	19.31	19.23	22.28	<=30	Pass
		Inner_1RB_Right	22.81	22.79	25.81	19.33	19.31	22.33	<=30	Pass
	3969.99	Outer_Full	22.06	22.12	25.10	18.58	18.64	21.62	<=30	Pass
		Inner_Full	22.71	22.77	25.75	19.23	19.29	22.27	<=30	Pass
		Inner_1RB_Left	22.84	22.93	25.90	19.36	19.45	22.42	<=30	Pass
		Inner_1RB_Right	22.61	22.66	25.65	19.13	19.18	22.17	<=30	Pass
CP-OFDM 256 QAM	3710.01	Outer_Full	20.32	20.30	23.32	16.84	16.82	19.84	<=30	Pass
		Inner_Full	20.33	20.32	23.33	16.85	16.84	19.86	<=30	Pass
		Inner_1RB_Left	20.28	20.25	23.28	16.80	16.77	19.80	<=30	Pass
		Inner_1RB_Right	20.32	20.27	23.31	16.84	16.79	19.83	<=30	Pass
	3840	Outer_Full	20.16	20.11	23.14	16.68	16.63	19.67	<=30	Pass
		Inner_Full	20.08	20.03	23.07	16.60	16.55	19.59	<=30	Pass
		Inner_1RB_Left	19.79	19.71	22.76	16.31	16.23	19.28	<=30	Pass
		Inner_1RB_Right	19.89	19.88	22.90	16.41	16.40	19.42	<=30	Pass
	3969.99	Outer_Full	20.23	20.30	23.27	16.75	16.82	19.80	<=30	Pass
		Inner_Full	20.19	20.26	23.24	16.71	16.78	19.76	<=30	Pass
		Inner_1RB_Left	18.28	18.37	21.34	14.80	14.89	17.86	<=30	Pass
		Inner_1RB_Right	19.89	19.95	22.93	16.41	16.47	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

1.1.16 30_MIMO_25M_NTNV_EIRP

5G NR n77a 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	3712.5	Outer_Full	24.98	24.95	27.97	21.50	21.47	24.50	<=30	Pass
		Inner_Full	26.57	26.55	29.57	23.09	23.07	26.09	<=30	Pass
		Inner_1RB_Left	26.64	26.61	29.64	23.16	23.13	26.16	<=30	Pass
		Inner_1RB_Right	26.70	26.64	29.68	23.22	23.16	26.20	<=30	Pass
	3840	Outer_Full	24.95	24.90	27.93	21.47	21.42	24.46	<=30	Pass
		Inner_Full	26.46	26.41	29.45	22.98	22.93	25.97	<=30	Pass
		Inner_1RB_Left	26.58	26.50	29.55	23.10	23.02	26.07	<=30	Pass
		Inner_1RB_Right	26.52	26.51	29.53	23.04	23.03	26.05	<=30	Pass
	3967.5	Outer_Full	25.05	25.10	28.09	21.57	21.62	24.61	<=30	Pass
		Inner_Full	26.57	26.63	29.61	23.09	23.15	26.13	<=30	Pass
		Inner_1RB_Left	26.71	26.79	29.76	23.23	23.31	26.28	<=30	Pass
		Inner_1RB_Right	26.51	26.55	29.54	23.03	23.07	26.06	<=30	Pass
DFT-s-OFDM QPSK	3712.5	Outer_Full	24.41	24.39	27.41	20.93	20.91	23.93	<=30	Pass
		Inner_Full	26.46	26.44	29.46	22.98	22.96	25.98	<=30	Pass
		Inner_1RB_Left	26.44	26.41	29.43	22.96	22.93	25.96	<=30	Pass
		Inner_1RB_Right	26.65	26.59	29.63	23.17	23.11	26.15	<=30	Pass
	3840	Outer_Full	24.49	24.44	27.47	21.01	20.96	24.00	<=30	Pass
		Inner_Full	26.50	26.44	29.48	23.02	22.96	26.00	<=30	Pass
		Inner_1RB_Left	26.45	26.37	29.42	22.97	22.89	25.94	<=30	Pass
		Inner_1RB_Right	26.52	26.51	29.53	23.04	23.03	26.05	<=30	Pass
	3967.5	Outer_Full	24.40	24.46	27.44	20.92	20.98	23.96	<=30	Pass
		Inner_Full	26.54	26.60	29.58	23.06	23.12	26.10	<=30	Pass
		Inner_1RB_Left	26.77	26.84	29.81	23.29	23.36	26.34	<=30	Pass
		Inner_1RB_Right	26.55	26.59	29.58	23.07	23.11	26.10	<=30	Pass
DFT-s-OFDM 16 QAM	3712.5	Outer_Full	23.50	23.48	26.50	20.02	20.00	23.02	<=30	Pass
		Inner_Full	25.56	25.54	28.56	22.08	22.06	25.08	<=30	Pass
		Inner_1RB_Left	25.78	25.75	28.77	22.30	22.27	25.30	<=30	Pass
		Inner_1RB_Right	25.84	25.78	28.82	22.36	22.30	25.34	<=30	Pass
	3840	Outer_Full	23.47	23.42	26.45	19.99	19.94	22.98	<=30	Pass
		Inner_Full	25.52	25.47	28.50	22.04	21.99	25.03	<=30	Pass
		Inner_1RB_Left	25.63	25.54	28.59	22.15	22.06	25.12	<=30	Pass
		Inner_1RB_Right	25.60	25.60	28.61	22.12	22.12	25.13	<=30	Pass
	3967.5	Outer_Full	23.61	23.67	26.65	20.13	20.19	23.17	<=30	Pass
		Inner_Full	25.54	25.60	28.58	22.06	22.12	25.10	<=30	Pass
		Inner_1RB_Left	25.92	26.00	28.97	22.44	22.52	25.49	<=30	Pass
		Inner_1RB_Right	25.79	25.83	28.82	22.31	22.35	25.34	<=30	Pass
DFT-s-OFDM 64 QAM	3712.5	Outer_Full	23.00	22.98	26.00	19.52	19.50	22.52	<=30	Pass
		Inner_Full	23.48	23.47	26.49	20.00	19.99	23.01	<=30	Pass
		Inner_1RB_Left	23.71	23.68	26.71	20.23	20.20	23.23	<=30	Pass
		Inner_1RB_Right	23.88	23.82	26.86	20.40	20.34	23.38	<=30	Pass
	3840	Outer_Full	22.96	22.91	25.94	19.48	19.43	22.47	<=30	Pass
		Inner_Full	23.36	23.31	26.35	19.88	19.83	22.87	<=30	Pass
		Inner_1RB_Left	23.79	23.71	26.76	20.31	20.23	23.28	<=30	Pass
		Inner_1RB_Right	23.54	23.54	26.55	20.06	20.06	23.07	<=30	Pass
	3967.5	Outer_Full	23.02	23.08	26.06	19.54	19.60	22.58	<=30	Pass
		Inner_Full	23.46	23.52	26.50	19.98	20.04	23.02	<=30	Pass
		Inner_1RB_Left	23.78	23.86	26.83	20.30	20.38	23.35	<=30	Pass
		Inner_1RB_Right	23.54	23.58	26.57	20.06	20.10	23.09	<=30	Pass
DFT-s-OFDM 256 QAM	3712.5	Outer_Full	21.96	21.93	24.96	18.48	18.45	21.48	<=30	Pass
		Inner_Full	22.01	22.00	25.01	18.53	18.52	21.54	<=30	Pass

		Inner_1RB_Left	21.93	21.90	24.92	18.45	18.42	21.45	<=30	Pass
		Inner_1RB_Right	21.96	21.91	24.95	18.48	18.43	21.47	<=30	Pass
	3840	Outer_Full	21.36	21.32	24.35	17.88	17.84	20.87	<=30	Pass
		Inner_Full	21.37	21.32	24.36	17.89	17.84	20.88	<=30	Pass
		Inner_1RB_Left	21.52	21.43	24.49	18.04	17.95	21.01	<=30	Pass
		Inner_1RB_Right	21.41	21.41	24.42	17.93	17.93	20.94	<=30	Pass
	3967.5	Outer_Full	21.38	21.44	24.42	17.90	17.96	20.94	<=30	Pass
		Inner_Full	21.52	21.58	24.56	18.04	18.10	21.08	<=30	Pass
		Inner_1RB_Left	21.54	21.62	24.59	18.06	18.14	21.11	<=30	Pass
		Inner_1RB_Right	21.29	21.34	24.33	17.81	17.86	20.85	<=30	Pass
CP-OFDM QPSK	3712.5	Outer_Full	22.45	22.42	25.45	18.97	18.94	21.97	<=30	Pass
		Inner_Full	24.95	24.94	27.96	21.47	21.46	24.48	<=30	Pass
		Inner_1RB_Left	25.28	25.25	28.27	21.80	21.77	24.80	<=30	Pass
		Inner_1RB_Right	25.37	25.31	28.35	21.89	21.83	24.87	<=30	Pass
	3840	Outer_Full	22.39	22.34	25.37	18.91	18.86	21.90	<=30	Pass
		Inner_Full	25.00	24.95	27.98	21.52	21.47	24.51	<=30	Pass
		Inner_1RB_Left	24.99	24.91	27.96	21.51	21.43	24.48	<=30	Pass
		Inner_1RB_Right	25.20	25.19	28.20	21.72	21.71	24.73	<=30	Pass
	3967.5	Outer_Full	22.48	22.54	25.52	19.00	19.06	22.04	<=30	Pass
		Inner_Full	24.99	25.05	28.03	21.51	21.57	24.55	<=30	Pass
		Inner_1RB_Left	25.38	25.45	28.42	21.90	21.97	24.95	<=30	Pass
		Inner_1RB_Right	25.14	25.18	28.17	21.66	21.70	24.69	<=30	Pass
CP-OFDM 16 QAM	3712.5	Outer_Full	22.46	22.43	25.45	18.98	18.95	21.98	<=30	Pass
		Inner_Full	24.52	24.51	27.53	21.04	21.03	24.05	<=30	Pass
		Inner_1RB_Left	24.61	24.58	27.60	21.13	21.10	24.13	<=30	Pass
		Inner_1RB_Right	24.57	24.52	27.56	21.09	21.04	24.08	<=30	Pass
	3840	Outer_Full	22.44	22.39	25.43	18.96	18.91	21.95	<=30	Pass
		Inner_Full	24.53	24.48	27.51	21.05	21.00	24.04	<=30	Pass
		Inner_1RB_Left	24.55	24.46	27.52	21.07	20.98	24.04	<=30	Pass
		Inner_1RB_Right	24.55	24.55	27.56	21.07	21.07	24.08	<=30	Pass
	3967.5	Outer_Full	22.58	22.64	25.62	19.10	19.16	22.14	<=30	Pass
		Inner_Full	24.55	24.61	27.59	21.07	21.13	24.11	<=30	Pass
		Inner_1RB_Left	24.62	24.70	27.67	21.14	21.22	24.19	<=30	Pass
		Inner_1RB_Right	24.38	24.43	27.42	20.90	20.95	23.94	<=30	Pass
CP-OFDM 64 QAM	3712.5	Outer_Full	22.01	21.99	25.01	18.53	18.51	21.53	<=30	Pass
		Inner_Full	22.45	22.43	25.45	18.97	18.95	21.97	<=30	Pass
		Inner_1RB_Left	22.86	22.83	25.85	19.38	19.35	22.38	<=30	Pass
		Inner_1RB_Right	22.93	22.87	25.91	19.45	19.39	22.43	<=30	Pass
	3840	Outer_Full	21.94	21.89	24.92	18.46	18.41	21.45	<=30	Pass
		Inner_Full	22.44	22.39	25.43	18.96	18.91	21.95	<=30	Pass
		Inner_1RB_Left	22.74	22.65	25.71	19.26	19.17	22.23	<=30	Pass
		Inner_1RB_Right	22.86	22.86	25.87	19.38	19.38	22.39	<=30	Pass
	3967.5	Outer_Full	21.93	21.99	24.97	18.45	18.51	21.49	<=30	Pass
		Inner_Full	22.57	22.63	25.61	19.09	19.15	22.13	<=30	Pass
		Inner_1RB_Left	22.74	22.82	25.79	19.26	19.34	22.31	<=30	Pass
		Inner_1RB_Right	22.69	22.74	25.73	19.21	19.26	22.25	<=30	Pass
CP-OFDM 256 QAM	3712.5	Outer_Full	20.09	20.07	23.09	16.61	16.59	19.61	<=30	Pass
		Inner_Full	20.21	20.19	23.21	16.73	16.71	19.73	<=30	Pass
		Inner_1RB_Left	20.13	20.11	23.13	16.65	16.63	19.65	<=30	Pass
		Inner_1RB_Right	20.04	19.99	23.02	16.56	16.51	19.55	<=30	Pass
	3840	Outer_Full	19.65	19.60	22.63	16.17	16.12	19.16	<=30	Pass
		Inner_Full	19.84	19.80	22.83	16.36	16.32	19.35	<=30	Pass
		Inner_1RB_Left	19.70	19.62	22.67	16.22	16.14	19.19	<=30	Pass
		Inner_1RB_Right	19.85	19.85	22.86	16.37	16.37	19.38	<=30	Pass
	3967.5	Outer_Full	19.61	19.68	22.66	16.13	16.20	19.18	<=30	Pass
		Inner_Full	19.76	19.82	22.80	16.28	16.34	19.32	<=30	Pass
		Inner_1RB_Left	19.66	19.74	22.71	16.18	16.26	19.23	<=30	Pass
		Inner_1RB_Right	19.76	19.81	22.80	16.28	16.33	19.32	<=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 30_MIMO_30M_NTNV_EIRP

5G NR n77a 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	3715.02	Outer_Full	25.16	25.13	28.15	21.68	21.65	24.68	<=30	Pass
		Inner_Full	26.67	26.64	29.66	23.19	23.16	26.19	<=30	Pass
		Inner_1RB_Left	26.53	26.51	29.53	23.05	23.03	26.05	<=30	Pass
		Inner_1RB_Right	26.74	26.68	29.72	23.26	23.20	26.24	<=30	Pass
	3840	Outer_Full	25.15	25.10	28.13	21.67	21.62	24.66	<=30	Pass
		Inner_Full	26.55	26.49	29.53	23.07	23.01	26.05	<=30	Pass
		Inner_1RB_Left	26.38	26.29	29.34	22.90	22.81	25.87	<=30	Pass
		Inner_1RB_Right	26.51	26.52	29.53	23.03	23.04	26.05	<=30	Pass
	3964.98	Outer_Full	25.12	25.19	28.17	21.64	21.71	24.69	<=30	Pass
		Inner_Full	26.63	26.71	29.68	23.15	23.23	26.20	<=30	Pass
		Inner_1RB_Left	26.66	26.73	29.71	23.18	23.25	26.23	<=30	Pass
		Inner_1RB_Right	26.47	26.53	29.51	22.99	23.05	26.03	<=30	Pass
DFT-s-OFDM QPSK	3715.02	Outer_Full	24.62	24.58	27.61	21.14	21.10	24.13	<=30	Pass
		Inner_Full	26.67	26.64	29.67	23.19	23.16	26.19	<=30	Pass
		Inner_1RB_Left	26.46	26.43	29.45	22.98	22.95	25.98	<=30	Pass
		Inner_1RB_Right	26.76	26.70	29.74	23.28	23.22	26.26	<=30	Pass
	3840	Outer_Full	24.64	24.59	27.62	21.16	21.11	24.15	<=30	Pass
		Inner_Full	26.55	26.50	29.53	23.07	23.02	26.06	<=30	Pass
		Inner_1RB_Left	26.41	26.32	29.37	22.93	22.84	25.90	<=30	Pass
		Inner_1RB_Right	26.45	26.46	29.47	22.97	22.98	25.99	<=30	Pass
	3964.98	Outer_Full	24.61	24.68	27.66	21.13	21.20	24.18	<=30	Pass
		Inner_Full	26.69	26.77	29.74	23.21	23.29	26.26	<=30	Pass
		Inner_1RB_Left	26.62	26.68	29.66	23.14	23.20	26.18	<=30	Pass
		Inner_1RB_Right	26.48	26.54	29.52	23.00	23.06	26.04	<=30	Pass
DFT-s-OFDM 16 QAM	3715.02	Outer_Full	23.53	23.50	26.53	20.05	20.02	23.05	<=30	Pass
		Inner_Full	25.66	25.63	28.65	22.18	22.15	25.18	<=30	Pass
		Inner_1RB_Left	25.78	25.76	28.78	22.30	22.28	25.30	<=30	Pass
		Inner_1RB_Right	25.84	25.78	28.82	22.36	22.30	25.34	<=30	Pass
	3840	Outer_Full	23.56	23.51	26.55	20.08	20.03	23.07	<=30	Pass
		Inner_Full	25.57	25.52	28.55	22.09	22.04	25.08	<=30	Pass
		Inner_1RB_Left	25.48	25.39	28.44	22.00	21.91	24.97	<=30	Pass
		Inner_1RB_Right	25.60	25.61	28.61	22.12	22.13	25.14	<=30	Pass
	3964.98	Outer_Full	23.66	23.74	26.71	20.18	20.26	23.23	<=30	Pass
		Inner_Full	25.62	25.70	28.67	22.14	22.22	25.19	<=30	Pass
		Inner_1RB_Left	25.79	25.85	28.83	22.31	22.37	25.35	<=30	Pass
		Inner_1RB_Right	25.75	25.81	28.79	22.27	22.33	25.31	<=30	Pass
DFT-s-OFDM 64 QAM	3715.02	Outer_Full	23.14	23.11	26.14	19.66	19.63	22.66	<=30	Pass
		Inner_Full	23.59	23.56	26.59	20.11	20.08	23.11	<=30	Pass
		Inner_1RB_Left	23.38	23.36	26.38	19.90	19.88	22.90	<=30	Pass
		Inner_1RB_Right	23.60	23.54	26.58	20.12	20.06	23.10	<=30	Pass
	3840	Outer_Full	23.08	23.03	26.07	19.60	19.55	22.59	<=30	Pass
		Inner_Full	23.52	23.46	26.50	20.04	19.98	23.02	<=30	Pass
		Inner_1RB_Left	23.36	23.27	26.33	19.88	19.79	22.85	<=30	Pass
		Inner_1RB_Right	23.45	23.46	26.47	19.97	19.98	22.99	<=30	Pass
	3964.98	Outer_Full	23.06	23.14	26.11	19.58	19.66	22.63	<=30	Pass
		Inner_Full	23.65	23.73	26.70	20.17	20.25	23.22	<=30	Pass
		Inner_1RB_Left	23.73	23.80	26.78	20.25	20.32	23.30	<=30	Pass
		Inner_1RB_Right	23.55	23.61	26.59	20.07	20.13	23.11	<=30	Pass
DFT-s-OFDM 256 QAM	3715.02	Outer_Full	22.28	22.25	25.27	18.80	18.77	21.80	<=30	Pass
		Inner_Full	22.16	22.14	25.16	18.68	18.66	21.68	<=30	Pass

		Inner_1RB_Left	22.06	22.04	25.06	18.58	18.56	21.58	<=30	Pass
		Inner_1RB_Right	22.13	22.07	25.11	18.65	18.59	21.63	<=30	Pass
	3840	Outer_Full	22.15	22.10	25.13	18.67	18.62	21.66	<=30	Pass
		Inner_Full	22.18	22.12	25.16	18.70	18.64	21.68	<=30	Pass
		Inner_1RB_Left	22.04	21.96	25.01	18.56	18.48	21.53	<=30	Pass
		Inner_1RB_Right	21.88	21.90	24.90	18.40	18.42	21.42	<=30	Pass
	3964.98	Outer_Full	21.87	21.94	24.92	18.39	18.46	21.44	<=30	Pass
		Inner_Full	21.99	22.07	25.04	18.51	18.59	21.56	<=30	Pass
		Inner_1RB_Left	21.95	22.02	24.99	18.47	18.54	21.52	<=30	Pass
		Inner_1RB_Right	21.85	21.92	24.89	18.37	18.44	21.42	<=30	Pass
CP-OFDM QPSK	3715.02	Outer_Full	22.61	22.57	25.60	19.13	19.09	22.12	<=30	Pass
		Inner_Full	25.07	25.04	28.06	21.59	21.56	24.59	<=30	Pass
		Inner_1RB_Left	25.08	25.05	28.07	21.60	21.57	24.60	<=30	Pass
		Inner_1RB_Right	25.23	25.17	28.21	21.75	21.69	24.73	<=30	Pass
	3840	Outer_Full	22.55	22.50	25.54	19.07	19.02	22.06	<=30	Pass
		Inner_Full	25.02	24.97	28.01	21.54	21.49	24.53	<=30	Pass
		Inner_1RB_Left	24.96	24.87	27.92	21.48	21.39	24.45	<=30	Pass
		Inner_1RB_Right	25.02	25.04	28.04	21.54	21.56	24.56	<=30	Pass
	3964.98	Outer_Full	22.62	22.69	25.67	19.14	19.21	22.19	<=30	Pass
		Inner_Full	25.10	25.18	28.15	21.62	21.70	24.67	<=30	Pass
		Inner_1RB_Left	25.27	25.34	28.31	21.79	21.86	24.84	<=30	Pass
		Inner_1RB_Right	24.98	25.04	28.02	21.50	21.56	24.54	<=30	Pass
CP-OFDM 16 QAM	3715.02	Outer_Full	22.53	22.49	25.52	19.05	19.01	22.04	<=30	Pass
		Inner_Full	24.75	24.72	27.75	21.27	21.24	24.27	<=30	Pass
		Inner_1RB_Left	24.32	24.29	27.32	20.84	20.81	23.84	<=30	Pass
		Inner_1RB_Right	24.52	24.46	27.50	21.04	20.98	24.02	<=30	Pass
	3840	Outer_Full	22.53	22.49	25.52	19.05	19.01	22.04	<=30	Pass
		Inner_Full	24.60	24.54	27.58	21.12	21.06	24.10	<=30	Pass
		Inner_1RB_Left	24.32	24.23	27.28	20.84	20.75	23.81	<=30	Pass
		Inner_1RB_Right	24.43	24.44	27.45	20.95	20.96	23.97	<=30	Pass
	3964.98	Outer_Full	22.61	22.68	25.66	19.13	19.20	22.18	<=30	Pass
		Inner_Full	24.62	24.69	27.67	21.14	21.21	24.19	<=30	Pass
		Inner_1RB_Left	24.46	24.53	27.51	20.98	21.05	24.03	<=30	Pass
		Inner_1RB_Right	24.25	24.31	27.29	20.77	20.83	23.81	<=30	Pass
CP-OFDM 64 QAM	3715.02	Outer_Full	22.06	22.03	25.05	18.58	18.55	21.58	<=30	Pass
		Inner_Full	22.59	22.57	25.59	19.11	19.09	22.11	<=30	Pass
		Inner_1RB_Left	22.39	22.37	25.39	18.91	18.89	21.91	<=30	Pass
		Inner_1RB_Right	22.57	22.52	25.56	19.09	19.04	22.08	<=30	Pass
	3840	Outer_Full	22.08	22.03	25.06	18.60	18.55	21.59	<=30	Pass
		Inner_Full	22.57	22.51	25.55	19.09	19.03	22.07	<=30	Pass
		Inner_1RB_Left	22.57	22.48	25.53	19.09	19.00	22.06	<=30	Pass
		Inner_1RB_Right	22.40	22.41	25.41	18.92	18.93	21.94	<=30	Pass
	3964.98	Outer_Full	22.08	22.15	25.13	18.60	18.67	21.65	<=30	Pass
		Inner_Full	22.64	22.72	25.69	19.16	19.24	22.21	<=30	Pass
		Inner_1RB_Left	22.74	22.81	25.78	19.26	19.33	22.31	<=30	Pass
		Inner_1RB_Right	22.58	22.64	25.62	19.10	19.16	22.14	<=30	Pass
CP-OFDM 256 QAM	3715.02	Outer_Full	20.37	20.34	23.36	16.89	16.86	19.89	<=30	Pass
		Inner_Full	20.25	20.22	23.24	16.77	16.74	19.77	<=30	Pass
		Inner_1RB_Left	20.30	20.28	23.30	16.82	16.80	19.82	<=30	Pass
		Inner_1RB_Right	20.21	20.15	23.19	16.73	16.67	19.71	<=30	Pass
	3840	Outer_Full	20.26	20.21	23.25	16.78	16.73	19.77	<=30	Pass
		Inner_Full	20.24	20.19	23.23	16.76	16.71	19.75	<=30	Pass
		Inner_1RB_Left	19.86	19.77	22.82	16.38	16.29	19.35	<=30	Pass
		Inner_1RB_Right	19.98	19.99	23.00	16.50	16.51	19.52	<=30	Pass
	3964.98	Outer_Full	20.07	20.14	23.11	16.59	16.66	19.64	<=30	Pass
		Inner_Full	20.03	20.11	23.08	16.55	16.63	19.60	<=30	Pass
		Inner_1RB_Left	19.78	19.85	22.82	16.30	16.37	19.35	<=30	Pass
		Inner_1RB_Right	19.72	19.78	22.76	16.24	16.30	19.28	<=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 30_MIMO_40M_NTNV_EIRP

5G NR n77a 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	3720	Outer_Full	25.12	25.10	28.12	21.64	21.62	24.64	<=30	Pass
		Inner_Full	26.68	26.66	29.68	23.20	23.18	26.20	<=30	Pass
		Inner_1RB_Left	26.55	26.55	29.56	23.07	23.07	26.08	<=30	Pass
		Inner_1RB_Right	26.79	26.76	29.78	23.31	23.28	26.31	<=30	Pass
	3840	Outer_Full	25.10	25.05	28.09	21.62	21.57	24.61	<=30	Pass
		Inner_Full	26.63	26.57	29.61	23.15	23.09	26.13	<=30	Pass
		Inner_1RB_Left	26.45	26.35	29.41	22.97	22.87	25.93	<=30	Pass
		Inner_1RB_Right	26.42	26.46	29.45	22.94	22.98	25.97	<=30	Pass
	3960	Outer_Full	25.25	25.29	28.28	21.77	21.81	24.80	<=30	Pass
		Inner_Full	26.82	26.87	29.85	23.34	23.39	26.38	<=30	Pass
		Inner_1RB_Left	26.81	26.79	29.81	23.33	23.31	26.33	<=30	Pass
		Inner_1RB_Right	26.65	26.67	29.67	23.17	23.19	26.19	<=30	Pass
DFT-s-OFDM QPSK	3720	Outer_Full	24.61	24.59	27.61	21.13	21.11	24.13	<=30	Pass
		Inner_Full	26.68	26.65	29.68	23.20	23.17	26.20	<=30	Pass
		Inner_1RB_Left	26.51	26.50	29.51	23.03	23.02	26.04	<=30	Pass
		Inner_1RB_Right	26.80	26.77	29.80	23.32	23.29	26.32	<=30	Pass
	3840	Outer_Full	24.55	24.50	27.53	21.07	21.02	24.06	<=30	Pass
		Inner_Full	26.61	26.55	29.59	23.13	23.07	26.11	<=30	Pass
		Inner_1RB_Left	26.33	26.23	29.29	22.85	22.75	25.81	<=30	Pass
		Inner_1RB_Right	26.59	26.63	29.62	23.11	23.15	26.14	<=30	Pass
	3960	Outer_Full	24.66	24.69	27.68	21.18	21.21	24.21	<=30	Pass
		Inner_Full	26.80	26.86	29.84	23.32	23.38	26.36	<=30	Pass
		Inner_1RB_Left	26.76	26.74	29.76	23.28	23.26	26.28	<=30	Pass
		Inner_1RB_Right	26.54	26.57	29.56	23.06	23.09	26.09	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Outer_Full	23.66	23.65	26.66	20.18	20.17	23.19	<=30	Pass
		Inner_Full	25.65	25.63	28.65	22.17	22.15	25.17	<=30	Pass
		Inner_1RB_Left	25.61	25.61	28.62	22.13	22.13	25.14	<=30	Pass
		Inner_1RB_Right	25.87	25.84	28.87	22.39	22.36	25.39	<=30	Pass
	3840	Outer_Full	23.60	23.55	26.59	20.12	20.07	23.11	<=30	Pass
		Inner_Full	25.66	25.60	28.64	22.18	22.12	25.16	<=30	Pass
		Inner_1RB_Left	25.58	25.48	28.54	22.10	22.00	25.06	<=30	Pass
		Inner_1RB_Right	25.64	25.67	28.67	22.16	22.19	25.19	<=30	Pass
	3960	Outer_Full	23.85	23.89	26.88	20.37	20.41	23.40	<=30	Pass
		Inner_Full	25.76	25.81	28.79	22.28	22.33	25.32	<=30	Pass
		Inner_1RB_Left	26.02	26.00	29.02	22.54	22.52	25.54	<=30	Pass
		Inner_1RB_Right	25.78	25.80	28.80	22.30	22.32	25.32	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Outer_Full	23.18	23.16	26.18	19.70	19.68	22.70	<=30	Pass
		Inner_Full	23.58	23.56	26.58	20.10	20.08	23.10	<=30	Pass
		Inner_1RB_Left	23.63	23.63	26.64	20.15	20.15	23.16	<=30	Pass
		Inner_1RB_Right	23.93	23.90	26.93	20.45	20.42	23.45	<=30	Pass
	3840	Outer_Full	18.53	18.48	21.52	15.05	15.00	18.04	<=30	Pass
		Inner_Full	23.44	23.38	26.42	19.96	19.90	22.94	<=30	Pass
		Inner_1RB_Left	23.51	23.41	26.47	20.03	19.93	22.99	<=30	Pass
		Inner_1RB_Right	23.60	23.64	26.63	20.12	20.16	23.15	<=30	Pass
	3960	Outer_Full	21.51	21.54	24.53	18.03	18.06	21.06	<=30	Pass
		Inner_Full	23.65	23.71	26.69	20.17	20.23	23.21	<=30	Pass
		Inner_1RB_Left	23.64	23.62	26.64	20.16	20.14	23.16	<=30	Pass
		Inner_1RB_Right	23.55	23.58	26.57	20.07	20.10	23.10	<=30	Pass
DFT-s-OFDM 256 QAM	3720	Outer_Full	22.28	22.27	25.28	18.80	18.79	21.81	<=30	Pass
		Inner_Full	22.35	22.33	25.35	18.87	18.85	21.87	<=30	Pass

		Inner_1RB_Left	22.36	22.36	25.37	18.88	18.88	21.89	<=30	Pass
		Inner_1RB_Right	22.29	22.27	25.29	18.81	18.79	21.81	<=30	Pass
	3840	Outer_Full	21.56	21.52	24.55	18.08	18.04	21.07	<=30	Pass
		Inner_Full	21.66	21.61	24.65	18.18	18.13	21.17	<=30	Pass
		Inner_1RB_Left	21.42	21.33	24.38	17.94	17.85	20.91	<=30	Pass
		Inner_1RB_Right	21.26	21.30	24.29	17.78	17.82	20.81	<=30	Pass
	3960	Outer_Full	21.68	21.72	24.71	18.20	18.24	21.23	<=30	Pass
		Inner_Full	21.75	21.80	24.78	18.27	18.32	21.31	<=30	Pass
		Inner_1RB_Left	21.58	21.56	24.59	18.10	18.08	21.10	<=30	Pass
		Inner_1RB_Right	21.46	21.49	24.49	17.98	18.01	21.01	<=30	Pass
CP-OFDM QPSK	3720	Outer_Full	22.54	22.52	25.54	19.06	19.04	22.06	<=30	Pass
		Inner_Full	25.13	25.10	28.12	21.65	21.62	24.65	<=30	Pass
		Inner_1RB_Left	25.18	25.17	28.19	21.70	21.69	24.71	<=30	Pass
		Inner_1RB_Right	25.28	25.25	28.28	21.80	21.77	24.80	<=30	Pass
	3840	Outer_Full	22.55	22.50	25.54	19.07	19.02	22.06	<=30	Pass
		Inner_Full	25.02	24.97	28.01	21.54	21.49	24.53	<=30	Pass
		Inner_1RB_Left	24.93	24.84	27.90	21.45	21.36	24.42	<=30	Pass
		Inner_1RB_Right	24.98	25.01	28.01	21.50	21.53	24.53	<=30	Pass
	3960	Outer_Full	22.82	22.85	25.85	19.34	19.37	22.37	<=30	Pass
		Inner_Full	25.25	25.30	28.29	21.77	21.82	24.81	<=30	Pass
		Inner_1RB_Left	25.44	25.41	28.44	21.96	21.93	24.96	<=30	Pass
		Inner_1RB_Right	25.22	25.25	28.24	21.74	21.77	24.77	<=30	Pass
CP-OFDM 16 QAM	3720	Outer_Full	22.76	22.74	25.76	19.28	19.26	22.28	<=30	Pass
		Inner_Full	24.62	24.60	27.62	21.14	21.12	24.14	<=30	Pass
		Inner_1RB_Left	24.47	24.47	27.48	20.99	20.99	24.00	<=30	Pass
		Inner_1RB_Right	24.69	24.66	27.69	21.21	21.18	24.21	<=30	Pass
	3840	Outer_Full	22.50	22.45	25.49	19.02	18.97	22.01	<=30	Pass
		Inner_Full	24.51	24.46	27.50	21.03	20.98	24.02	<=30	Pass
		Inner_1RB_Left	24.32	24.22	27.28	20.84	20.74	23.80	<=30	Pass
		Inner_1RB_Right	24.36	24.40	27.39	20.88	20.92	23.91	<=30	Pass
	3960	Outer_Full	22.73	22.77	25.76	19.25	19.29	22.28	<=30	Pass
		Inner_Full	24.77	24.82	27.80	21.29	21.34	24.33	<=30	Pass
		Inner_1RB_Left	24.61	24.59	27.61	21.13	21.11	24.13	<=30	Pass
		Inner_1RB_Right	24.63	24.66	27.66	21.15	21.18	24.18	<=30	Pass
CP-OFDM 64 QAM	3720	Outer_Full	22.12	22.11	25.13	18.64	18.63	21.65	<=30	Pass
		Inner_Full	22.77	22.75	25.77	19.29	19.27	22.29	<=30	Pass
		Inner_1RB_Left	22.72	22.71	25.73	19.24	19.23	22.25	<=30	Pass
		Inner_1RB_Right	22.92	22.89	25.91	19.44	19.41	22.44	<=30	Pass
	3840	Outer_Full	22.11	22.06	25.10	18.63	18.58	21.62	<=30	Pass
		Inner_Full	22.58	22.53	25.57	19.10	19.05	22.09	<=30	Pass
		Inner_1RB_Left	22.78	22.69	25.75	19.30	19.21	22.27	<=30	Pass
		Inner_1RB_Right	22.80	22.83	25.82	19.32	19.35	22.35	<=30	Pass
	3960	Outer_Full	22.18	22.22	25.21	18.70	18.74	21.73	<=30	Pass
		Inner_Full	22.76	22.81	25.80	19.28	19.33	22.32	<=30	Pass
		Inner_1RB_Left	22.90	22.88	25.90	19.42	19.40	22.42	<=30	Pass
		Inner_1RB_Right	22.72	22.75	25.74	19.24	19.27	22.27	<=30	Pass
CP-OFDM 256 QAM	3720	Outer_Full	20.37	20.35	23.37	16.89	16.87	19.89	<=30	Pass
		Inner_Full	20.55	20.53	23.55	17.07	17.05	20.07	<=30	Pass
		Inner_1RB_Left	20.16	20.16	23.17	16.68	16.68	19.69	<=30	Pass
		Inner_1RB_Right	20.33	20.30	23.33	16.85	16.82	19.85	<=30	Pass
	3840	Outer_Full	19.74	19.69	22.73	16.26	16.21	19.25	<=30	Pass
		Inner_Full	19.85	19.80	22.83	16.37	16.32	19.36	<=30	Pass
		Inner_1RB_Left	19.52	19.43	22.48	16.04	15.95	19.01	<=30	Pass
		Inner_1RB_Right	19.44	19.48	22.47	15.96	16.00	18.99	<=30	Pass
	3960	Outer_Full	20.14	20.17	23.17	16.66	16.69	19.69	<=30	Pass
		Inner_Full	19.96	20.01	23.00	16.48	16.53	19.52	<=30	Pass
		Inner_1RB_Left	19.99	19.97	22.99	16.51	16.49	19.51	<=30	Pass
		Inner_1RB_Right	19.79	19.82	22.81	16.31	16.34	19.34	<=30	Pass
Note1: Antenna Gain: Ant1: -3.48dBi; Ant2: -3.48dBi;										