

		Inner_1RB_Left	22.64	/	/	18.53	/	/	<=30	Pass
		Inner_1RB_Right	22.92	/	/	18.81	/	/	<=30	Pass
	3750	Outer_Full	22.65	/	/	18.54	/	/	<=30	Pass
		Inner_Full	22.59	/	/	18.48	/	/	<=30	Pass
		Inner_1RB_Left	22.44	/	/	18.33	/	/	<=30	Pass
		Inner_1RB_Right	22.65	/	/	18.54	/	/	<=30	Pass
	3765	Outer_Full	22.56	/	/	18.45	/	/	<=30	Pass
		Inner_Full	22.38	/	/	18.27	/	/	<=30	Pass
		Inner_1RB_Left	22.30	/	/	18.19	/	/	<=30	Pass
		Inner_1RB_Right	22.81	/	/	18.70	/	/	<=30	Pass
CP-OFDM QPSK	3735	Outer_Full	23.07	/	/	18.96	/	/	<=30	Pass
		Inner_Full	25.79	/	/	21.68	/	/	<=30	Pass
		Inner_1RB_Left	25.43	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Right	25.79	/	/	21.68	/	/	<=30	Pass
	3750	Outer_Full	23.13	/	/	19.02	/	/	<=30	Pass
		Inner_Full	25.63	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Left	25.43	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Right	25.85	/	/	21.74	/	/	<=30	Pass
	3765	Outer_Full	23.11	/	/	19.00	/	/	<=30	Pass
		Inner_Full	25.68	/	/	21.57	/	/	<=30	Pass
		Inner_1RB_Left	25.45	/	/	21.34	/	/	<=30	Pass
		Inner_1RB_Right	25.80	/	/	21.69	/	/	<=30	Pass
CP-OFDM 16 QAM	3735	Outer_Full	23.12	/	/	19.01	/	/	<=30	Pass
		Inner_Full	25.20	/	/	21.09	/	/	<=30	Pass
		Inner_1RB_Left	24.95	/	/	20.84	/	/	<=30	Pass
		Inner_1RB_Right	25.21	/	/	21.10	/	/	<=30	Pass
	3750	Outer_Full	23.13	/	/	19.02	/	/	<=30	Pass
		Inner_Full	25.09	/	/	20.98	/	/	<=30	Pass
		Inner_1RB_Left	24.61	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Right	25.00	/	/	20.89	/	/	<=30	Pass
	3765	Outer_Full	23.09	/	/	18.98	/	/	<=30	Pass
		Inner_Full	25.12	/	/	21.01	/	/	<=30	Pass
		Inner_1RB_Left	25.00	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Right	25.42	/	/	21.31	/	/	<=30	Pass
CP-OFDM 64 QAM	3735	Outer_Full	22.59	/	/	18.48	/	/	<=30	Pass
		Inner_Full	23.08	/	/	18.97	/	/	<=30	Pass
		Inner_1RB_Left	22.74	/	/	18.63	/	/	<=30	Pass
		Inner_1RB_Right	23.05	/	/	18.94	/	/	<=30	Pass
	3750	Outer_Full	22.64	/	/	18.53	/	/	<=30	Pass
		Inner_Full	23.11	/	/	19.00	/	/	<=30	Pass
		Inner_1RB_Left	22.92	/	/	18.81	/	/	<=30	Pass
		Inner_1RB_Right	23.17	/	/	19.06	/	/	<=30	Pass
	3765	Outer_Full	22.43	/	/	18.32	/	/	<=30	Pass
		Inner_Full	23.15	/	/	19.04	/	/	<=30	Pass
		Inner_1RB_Left	22.86	/	/	18.75	/	/	<=30	Pass
		Inner_1RB_Right	23.33	/	/	19.22	/	/	<=30	Pass
CP-OFDM 256 QAM	3735	Outer_Full	20.94	/	/	16.83	/	/	<=30	Pass
		Inner_Full	21.15	/	/	17.04	/	/	<=30	Pass
		Inner_1RB_Left	20.82	/	/	16.71	/	/	<=30	Pass
		Inner_1RB_Right	21.14	/	/	17.03	/	/	<=30	Pass
	3750	Outer_Full	20.62	/	/	16.51	/	/	<=30	Pass
		Inner_Full	21.21	/	/	17.10	/	/	<=30	Pass
		Inner_1RB_Left	20.67	/	/	16.56	/	/	<=30	Pass
		Inner_1RB_Right	20.99	/	/	16.88	/	/	<=30	Pass
	3765	Outer_Full	20.62	/	/	16.51	/	/	<=30	Pass
		Inner_Full	20.55	/	/	16.44	/	/	<=30	Pass
		Inner_1RB_Left	20.76	/	/	16.65	/	/	<=30	Pass
		Inner_1RB_Right	20.84	/	/	16.73	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -4.11dBi; Ant2: -4.11dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.10 30_SISO_80M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 80MHz NTN										
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	25.59	/	/	21.48	/	/	<=30	Pass
		Inner_Full	27.22	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Left	26.86	/	/	22.75	/	/	<=30	Pass
		Inner_1RB_Right	27.33	/	/	23.22	/	/	<=30	Pass
	3750	Outer_Full	25.61	/	/	21.50	/	/	<=30	Pass
		Inner_Full	27.18	/	/	23.07	/	/	<=30	Pass
		Inner_1RB_Left	26.94	/	/	22.83	/	/	<=30	Pass
		Inner_1RB_Right	27.24	/	/	23.13	/	/	<=30	Pass
	3759.99	Outer_Full	25.58	/	/	21.47	/	/	<=30	Pass
		Inner_Full	27.23	/	/	23.12	/	/	<=30	Pass
		Inner_1RB_Left	26.97	/	/	22.86	/	/	<=30	Pass
		Inner_1RB_Right	27.57	/	/	23.46	/	/	<=30	Pass
DFT-s-OFDM QPSK	3740.01	Outer_Full	25.16	/	/	21.05	/	/	<=30	Pass
		Inner_Full	27.03	/	/	22.92	/	/	<=30	Pass
		Inner_1RB_Left	26.81	/	/	22.70	/	/	<=30	Pass
		Inner_1RB_Right	27.36	/	/	23.25	/	/	<=30	Pass
	3750	Outer_Full	25.17	/	/	21.06	/	/	<=30	Pass
		Inner_Full	27.28	/	/	23.17	/	/	<=30	Pass
		Inner_1RB_Left	26.95	/	/	22.84	/	/	<=30	Pass
		Inner_1RB_Right	27.30	/	/	23.19	/	/	<=30	Pass
	3759.99	Outer_Full	25.15	/	/	21.04	/	/	<=30	Pass
		Inner_Full	27.23	/	/	23.12	/	/	<=30	Pass
		Inner_1RB_Left	26.93	/	/	22.82	/	/	<=30	Pass
		Inner_1RB_Right	27.14	/	/	23.03	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3740.01	Outer_Full	24.03	/	/	19.92	/	/	<=30	Pass
		Inner_Full	26.31	/	/	22.20	/	/	<=30	Pass
		Inner_1RB_Left	25.88	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Right	26.19	/	/	22.08	/	/	<=30	Pass
	3750	Outer_Full	24.12	/	/	20.01	/	/	<=30	Pass
		Inner_Full	26.22	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Left	25.99	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Right	26.08	/	/	21.97	/	/	<=30	Pass
	3759.99	Outer_Full	24.14	/	/	20.03	/	/	<=30	Pass
		Inner_Full	26.22	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Left	26.12	/	/	22.01	/	/	<=30	Pass
		Inner_1RB_Right	26.57	/	/	22.46	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3740.01	Outer_Full	23.58	/	/	19.47	/	/	<=30	Pass
		Inner_Full	24.20	/	/	20.09	/	/	<=30	Pass
		Inner_1RB_Left	23.83	/	/	19.72	/	/	<=30	Pass
		Inner_1RB_Right	24.34	/	/	20.23	/	/	<=30	Pass
	3750	Outer_Full	23.48	/	/	19.37	/	/	<=30	Pass
		Inner_Full	24.16	/	/	20.05	/	/	<=30	Pass
		Inner_1RB_Left	24.03	/	/	19.92	/	/	<=30	Pass
		Inner_1RB_Right	24.57	/	/	20.46	/	/	<=30	Pass
	3759.99	Outer_Full	23.64	/	/	19.53	/	/	<=30	Pass
		Inner_Full	24.19	/	/	20.08	/	/	<=30	Pass
		Inner_1RB_Left	23.96	/	/	19.85	/	/	<=30	Pass
		Inner_1RB_Right	24.41	/	/	20.30	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3740.01	Outer_Full	22.82	/	/	18.71	/	/	<=30	Pass
		Inner_Full	23.04	/	/	18.93	/	/	<=30	Pass

		Inner_1RB_Left	22.64	/	/	18.53	/	/	<=30	Pass
		Inner_1RB_Right	22.82	/	/	18.71	/	/	<=30	Pass
	3750	Outer_Full	23.26	/	/	19.15	/	/	<=30	Pass
		Inner_Full	23.04	/	/	18.93	/	/	<=30	Pass
		Inner_1RB_Left	22.86	/	/	18.75	/	/	<=30	Pass
		Inner_1RB_Right	23.41	/	/	19.30	/	/	<=30	Pass
	3759.99	Outer_Full	23.32	/	/	19.21	/	/	<=30	Pass
		Inner_Full	23.36	/	/	19.25	/	/	<=30	Pass
		Inner_1RB_Left	23.27	/	/	19.16	/	/	<=30	Pass
		Inner_1RB_Right	23.68	/	/	19.57	/	/	<=30	Pass
CP-OFDM QPSK	3740.01	Outer_Full	23.07	/	/	18.96	/	/	<=30	Pass
		Inner_Full	25.64	/	/	21.53	/	/	<=30	Pass
		Inner_1RB_Left	25.44	/	/	21.33	/	/	<=30	Pass
		Inner_1RB_Right	25.76	/	/	21.65	/	/	<=30	Pass
	3750	Outer_Full	23.13	/	/	19.02	/	/	<=30	Pass
		Inner_Full	25.76	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Left	25.57	/	/	21.46	/	/	<=30	Pass
		Inner_1RB_Right	25.78	/	/	21.67	/	/	<=30	Pass
	3759.99	Outer_Full	23.11	/	/	19.00	/	/	<=30	Pass
		Inner_Full	25.69	/	/	21.58	/	/	<=30	Pass
		Inner_1RB_Left	25.51	/	/	21.40	/	/	<=30	Pass
		Inner_1RB_Right	26.04	/	/	21.93	/	/	<=30	Pass
CP-OFDM 16 QAM	3740.01	Outer_Full	23.09	/	/	18.98	/	/	<=30	Pass
		Inner_Full	25.13	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Left	24.63	/	/	20.52	/	/	<=30	Pass
		Inner_1RB_Right	25.15	/	/	21.04	/	/	<=30	Pass
	3750	Outer_Full	23.14	/	/	19.03	/	/	<=30	Pass
		Inner_Full	25.04	/	/	20.93	/	/	<=30	Pass
		Inner_1RB_Left	24.93	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Right	25.39	/	/	21.28	/	/	<=30	Pass
	3759.99	Outer_Full	23.12	/	/	19.01	/	/	<=30	Pass
		Inner_Full	25.10	/	/	20.99	/	/	<=30	Pass
		Inner_1RB_Left	24.91	/	/	20.80	/	/	<=30	Pass
		Inner_1RB_Right	25.46	/	/	21.35	/	/	<=30	Pass
CP-OFDM 64 QAM	3740.01	Outer_Full	22.50	/	/	18.39	/	/	<=30	Pass
		Inner_Full	22.98	/	/	18.87	/	/	<=30	Pass
		Inner_1RB_Left	22.82	/	/	18.71	/	/	<=30	Pass
		Inner_1RB_Right	23.18	/	/	19.07	/	/	<=30	Pass
	3750	Outer_Full	22.53	/	/	18.42	/	/	<=30	Pass
		Inner_Full	23.16	/	/	19.05	/	/	<=30	Pass
		Inner_1RB_Left	22.93	/	/	18.82	/	/	<=30	Pass
		Inner_1RB_Right	23.15	/	/	19.04	/	/	<=30	Pass
	3759.99	Outer_Full	22.66	/	/	18.55	/	/	<=30	Pass
		Inner_Full	23.14	/	/	19.03	/	/	<=30	Pass
		Inner_1RB_Left	22.92	/	/	18.81	/	/	<=30	Pass
		Inner_1RB_Right	23.53	/	/	19.42	/	/	<=30	Pass
CP-OFDM 256 QAM	3740.01	Outer_Full	21.09	/	/	16.98	/	/	<=30	Pass
		Inner_Full	21.28	/	/	17.17	/	/	<=30	Pass
		Inner_1RB_Left	20.59	/	/	16.48	/	/	<=30	Pass
		Inner_1RB_Right	21.31	/	/	17.20	/	/	<=30	Pass
	3750	Outer_Full	21.17	/	/	17.06	/	/	<=30	Pass
		Inner_Full	21.24	/	/	17.13	/	/	<=30	Pass
		Inner_1RB_Left	21.14	/	/	17.03	/	/	<=30	Pass
		Inner_1RB_Right	21.61	/	/	17.50	/	/	<=30	Pass
	3759.99	Outer_Full	21.19	/	/	17.08	/	/	<=30	Pass
		Inner_Full	21.37	/	/	17.26	/	/	<=30	Pass
		Inner_1RB_Left	21.38	/	/	17.27	/	/	<=30	Pass
		Inner_1RB_Right	21.84	/	/	17.73	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -4.11dBi; Ant2: -4.11dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.11 30_SISO_90M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 90MHz NTN										
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	25.67	/	/	21.56	/	/	<=30	Pass
		Inner_Full	27.35	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Left	26.86	/	/	22.75	/	/	<=30	Pass
		Inner_1RB_Right	27.41	/	/	23.30	/	/	<=30	Pass
	3750	Outer_Full	25.62	/	/	21.51	/	/	<=30	Pass
		Inner_Full	27.16	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Left	26.77	/	/	22.66	/	/	<=30	Pass
		Inner_1RB_Right	27.42	/	/	23.31	/	/	<=30	Pass
	3754.98	Outer_Full	25.57	/	/	21.46	/	/	<=30	Pass
		Inner_Full	27.10	/	/	22.99	/	/	<=30	Pass
		Inner_1RB_Left	26.93	/	/	22.82	/	/	<=30	Pass
		Inner_1RB_Right	27.32	/	/	23.21	/	/	<=30	Pass
DFT-s-OFDM QPSK	3745.02	Outer_Full	25.18	/	/	21.07	/	/	<=30	Pass
		Inner_Full	27.22	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Left	26.87	/	/	22.76	/	/	<=30	Pass
		Inner_1RB_Right	27.35	/	/	23.24	/	/	<=30	Pass
	3750	Outer_Full	25.19	/	/	21.08	/	/	<=30	Pass
		Inner_Full	27.18	/	/	23.07	/	/	<=30	Pass
		Inner_1RB_Left	27.02	/	/	22.91	/	/	<=30	Pass
		Inner_1RB_Right	27.22	/	/	23.11	/	/	<=30	Pass
	3754.98	Outer_Full	25.13	/	/	21.02	/	/	<=30	Pass
		Inner_Full	27.08	/	/	22.97	/	/	<=30	Pass
		Inner_1RB_Left	27.04	/	/	22.93	/	/	<=30	Pass
		Inner_1RB_Right	27.36	/	/	23.25	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3745.02	Outer_Full	24.16	/	/	20.05	/	/	<=30	Pass
		Inner_Full	26.30	/	/	22.19	/	/	<=30	Pass
		Inner_1RB_Left	25.90	/	/	21.79	/	/	<=30	Pass
		Inner_1RB_Right	26.46	/	/	22.35	/	/	<=30	Pass
	3750	Outer_Full	24.28	/	/	20.17	/	/	<=30	Pass
		Inner_Full	26.23	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Left	25.87	/	/	21.76	/	/	<=30	Pass
		Inner_1RB_Right	26.32	/	/	22.21	/	/	<=30	Pass
	3754.98	Outer_Full	24.10	/	/	19.99	/	/	<=30	Pass
		Inner_Full	26.10	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Left	25.85	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Right	26.43	/	/	22.32	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3745.02	Outer_Full	23.64	/	/	19.53	/	/	<=30	Pass
		Inner_Full	24.17	/	/	20.06	/	/	<=30	Pass
		Inner_1RB_Left	23.90	/	/	19.79	/	/	<=30	Pass
		Inner_1RB_Right	24.37	/	/	20.26	/	/	<=30	Pass
	3750	Outer_Full	23.52	/	/	19.41	/	/	<=30	Pass
		Inner_Full	24.26	/	/	20.15	/	/	<=30	Pass
		Inner_1RB_Left	23.98	/	/	19.87	/	/	<=30	Pass
		Inner_1RB_Right	24.47	/	/	20.36	/	/	<=30	Pass
	3754.98	Outer_Full	23.67	/	/	19.56	/	/	<=30	Pass
		Inner_Full	24.23	/	/	20.12	/	/	<=30	Pass
		Inner_1RB_Left	24.04	/	/	19.93	/	/	<=30	Pass
		Inner_1RB_Right	24.51	/	/	20.40	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3745.02	Outer_Full	23.28	/	/	19.17	/	/	<=30	Pass
		Inner_Full	23.27	/	/	19.16	/	/	<=30	Pass

		Inner_1RB_Left	23.14	/	/	19.03	/	/	<=30	Pass
		Inner_1RB_Right	23.64	/	/	19.53	/	/	<=30	Pass
	3750	Outer_Full	22.90	/	/	18.79	/	/	<=30	Pass
		Inner_Full	23.03	/	/	18.92	/	/	<=30	Pass
		Inner_1RB_Left	22.84	/	/	18.73	/	/	<=30	Pass
		Inner_1RB_Right	23.22	/	/	19.11	/	/	<=30	Pass
	3754.98	Outer_Full	23.27	/	/	19.16	/	/	<=30	Pass
		Inner_Full	23.26	/	/	19.15	/	/	<=30	Pass
		Inner_1RB_Left	23.30	/	/	19.19	/	/	<=30	Pass
		Inner_1RB_Right	23.70	/	/	19.59	/	/	<=30	Pass
CP-OFDM QPSK	3745.02	Outer_Full	23.10	/	/	18.99	/	/	<=30	Pass
		Inner_Full	25.65	/	/	21.54	/	/	<=30	Pass
		Inner_1RB_Left	25.43	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Right	25.87	/	/	21.76	/	/	<=30	Pass
	3750	Outer_Full	22.99	/	/	18.88	/	/	<=30	Pass
		Inner_Full	25.66	/	/	21.55	/	/	<=30	Pass
		Inner_1RB_Left	25.43	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Right	25.86	/	/	21.75	/	/	<=30	Pass
	3754.98	Outer_Full	23.08	/	/	18.97	/	/	<=30	Pass
		Inner_Full	25.56	/	/	21.45	/	/	<=30	Pass
		Inner_1RB_Left	25.50	/	/	21.39	/	/	<=30	Pass
		Inner_1RB_Right	25.97	/	/	21.86	/	/	<=30	Pass
CP-OFDM 16 QAM	3745.02	Outer_Full	23.15	/	/	19.04	/	/	<=30	Pass
		Inner_Full	25.24	/	/	21.13	/	/	<=30	Pass
		Inner_1RB_Left	24.69	/	/	20.58	/	/	<=30	Pass
		Inner_1RB_Right	25.17	/	/	21.06	/	/	<=30	Pass
	3750	Outer_Full	23.13	/	/	19.02	/	/	<=30	Pass
		Inner_Full	25.19	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Left	24.69	/	/	20.58	/	/	<=30	Pass
		Inner_1RB_Right	25.09	/	/	20.98	/	/	<=30	Pass
	3754.98	Outer_Full	22.90	/	/	18.79	/	/	<=30	Pass
		Inner_Full	25.20	/	/	21.09	/	/	<=30	Pass
		Inner_1RB_Left	24.91	/	/	20.80	/	/	<=30	Pass
		Inner_1RB_Right	25.40	/	/	21.29	/	/	<=30	Pass
CP-OFDM 64 QAM	3745.02	Outer_Full	22.61	/	/	18.50	/	/	<=30	Pass
		Inner_Full	23.18	/	/	19.07	/	/	<=30	Pass
		Inner_1RB_Left	22.74	/	/	18.63	/	/	<=30	Pass
		Inner_1RB_Right	23.42	/	/	19.31	/	/	<=30	Pass
	3750	Outer_Full	22.51	/	/	18.40	/	/	<=30	Pass
		Inner_Full	22.93	/	/	18.82	/	/	<=30	Pass
		Inner_1RB_Left	22.83	/	/	18.72	/	/	<=30	Pass
		Inner_1RB_Right	23.29	/	/	19.18	/	/	<=30	Pass
	3754.98	Outer_Full	22.53	/	/	18.42	/	/	<=30	Pass
		Inner_Full	22.96	/	/	18.85	/	/	<=30	Pass
		Inner_1RB_Left	22.64	/	/	18.53	/	/	<=30	Pass
		Inner_1RB_Right	23.26	/	/	19.15	/	/	<=30	Pass
CP-OFDM 256 QAM	3745.02	Outer_Full	21.33	/	/	17.22	/	/	<=30	Pass
		Inner_Full	21.55	/	/	17.44	/	/	<=30	Pass
		Inner_1RB_Left	20.93	/	/	16.82	/	/	<=30	Pass
		Inner_1RB_Right	21.51	/	/	17.40	/	/	<=30	Pass
	3750	Outer_Full	21.20	/	/	17.09	/	/	<=30	Pass
		Inner_Full	21.15	/	/	17.04	/	/	<=30	Pass
		Inner_1RB_Left	20.74	/	/	16.63	/	/	<=30	Pass
		Inner_1RB_Right	21.44	/	/	17.33	/	/	<=30	Pass
	3754.98	Outer_Full	21.20	/	/	17.09	/	/	<=30	Pass
		Inner_Full	21.25	/	/	17.14	/	/	<=30	Pass
		Inner_1RB_Left	21.10	/	/	16.99	/	/	<=30	Pass
		Inner_1RB_Right	21.94	/	/	17.83	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -4.11dBi; Ant2: -4.11dBi;

Note2: EIRP=Conducted Power+Antenna Gain
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1.1.12 30_SISO_100M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 100MHz NTN										
Modulation	Frequency (MHz)	RB	Conducted Power(dBm)			EIRP(dBm)				Verdict
		Allocation	Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	25.75	/	/	21.64	/	/	<=30	Pass
		Inner_Full	27.21	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Left	26.88	/	/	22.77	/	/	<=30	Pass
		Inner_1RB_Right	27.43	/	/	23.32	/	/	<=30	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	25.17	/	/	21.06	/	/	<=30	Pass
		Inner_Full	27.17	/	/	23.06	/	/	<=30	Pass
		Inner_1RB_Left	27.08	/	/	22.97	/	/	<=30	Pass
		Inner_1RB_Right	27.46	/	/	23.35	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	24.18	/	/	20.07	/	/	<=30	Pass
		Inner_Full	26.14	/	/	22.03	/	/	<=30	Pass
		Inner_1RB_Left	25.90	/	/	21.79	/	/	<=30	Pass
		Inner_1RB_Right	26.51	/	/	22.40	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	23.65	/	/	19.54	/	/	<=30	Pass
		Inner_Full	24.19	/	/	20.08	/	/	<=30	Pass
		Inner_1RB_Left	23.66	/	/	19.55	/	/	<=30	Pass
		Inner_1RB_Right	24.48	/	/	20.37	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	23.20	/	/	19.09	/	/	<=30	Pass
		Inner_Full	23.50	/	/	19.39	/	/	<=30	Pass
		Inner_1RB_Left	23.07	/	/	18.96	/	/	<=30	Pass
		Inner_1RB_Right	23.95	/	/	19.84	/	/	<=30	Pass
CP-OFDM QPSK	3750	Outer_Full	23.05	/	/	18.94	/	/	<=30	Pass
		Inner_Full	25.83	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Left	25.42	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Right	26.01	/	/	21.90	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Outer_Full	23.01	/	/	18.90	/	/	<=30	Pass
		Inner_Full	25.26	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Left	24.91	/	/	20.80	/	/	<=30	Pass
		Inner_1RB_Right	25.42	/	/	21.31	/	/	<=30	Pass
CP-OFDM 64 QAM	3750	Outer_Full	22.56	/	/	18.45	/	/	<=30	Pass
		Inner_Full	23.16	/	/	19.05	/	/	<=30	Pass
		Inner_1RB_Left	22.73	/	/	18.62	/	/	<=30	Pass
		Inner_1RB_Right	23.35	/	/	19.24	/	/	<=30	Pass
CP-OFDM 256 QAM	3750	Outer_Full	21.36	/	/	17.25	/	/	<=30	Pass
		Inner_Full	21.41	/	/	17.30	/	/	<=30	Pass
		Inner_1RB_Left	21.09	/	/	16.98	/	/	<=30	Pass
		Inner_1RB_Right	21.65	/	/	17.54	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -4.11dBi; Ant2: -4.11dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.13 30_MIMO_10M_NTNV_EIRP

5G NR n78a SCS=30kHz MIMO 10MHz NTN										
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	25.24	25.25	28.26	21.13	21.14	24.15	<=30	Pass
		Inner_Full	26.79	26.80	29.81	22.68	22.69	25.70	<=30	Pass
		Inner_1RB_Left	26.68	26.69	29.69	22.57	22.58	25.59	<=30	Pass
		Inner_1RB_Right	26.75	26.75	29.76	22.64	22.64	25.65	<=30	Pass
	3750	Outer_Full	25.47	25.47	28.48	21.36	21.36	24.37	<=30	Pass

		Inner_Full	26.88	26.89	29.90	22.77	22.78	25.79	<=30	Pass	
		Inner_1RB_Left	26.79	26.81	29.81	22.68	22.70	25.70	<=30	Pass	
		Inner_1RB_Right	26.84	26.84	29.85	22.73	22.73	25.74	<=30	Pass	
	3795	Outer_Full	25.27	25.35	28.32	21.16	21.24	24.21	<=30	Pass	
		Inner_Full	26.81	26.90	29.87	22.70	22.79	25.76	<=30	Pass	
		Inner_1RB_Left	26.71	26.78	29.76	22.60	22.67	25.65	<=30	Pass	
		Inner_1RB_Right	26.77	26.87	29.83	22.66	22.76	25.72	<=30	Pass	
DFT-s-OFDM QPSK	3705	Outer_Full	24.81	24.82	27.82	20.70	20.71	23.72	<=30	Pass	
		Inner_Full	26.78	26.79	29.80	22.67	22.68	25.69	<=30	Pass	
		Inner_1RB_Left	26.62	26.64	29.64	22.51	22.53	25.53	<=30	Pass	
		Inner_1RB_Right	26.71	26.71	29.72	22.60	22.60	25.61	<=30	Pass	
	3750	Outer_Full	24.85	24.86	27.87	20.74	20.75	23.76	<=30	Pass	
		Inner_Full	26.81	26.81	29.82	22.70	22.70	25.71	<=30	Pass	
		Inner_1RB_Left	26.79	26.80	29.81	22.68	22.69	25.70	<=30	Pass	
		Inner_1RB_Right	26.83	26.83	29.84	22.72	22.72	25.73	<=30	Pass	
	3795	Outer_Full	24.91	25.00	27.96	20.80	20.89	23.86	<=30	Pass	
		Inner_Full	26.82	26.90	29.87	22.71	22.79	25.76	<=30	Pass	
		Inner_1RB_Left	26.69	26.76	29.74	22.58	22.65	25.63	<=30	Pass	
		Inner_1RB_Right	26.79	26.88	29.84	22.68	22.77	25.74	<=30	Pass	
	DFT-s-OFDM 16 QAM	3705	Outer_Full	23.72	23.73	26.73	19.61	19.62	22.63	<=30	Pass
			Inner_Full	25.79	25.80	28.81	21.68	21.69	24.70	<=30	Pass
Inner_1RB_Left			25.92	25.95	28.94	21.81	21.84	24.84	<=30	Pass	
Inner_1RB_Right			26.00	26.00	29.01	21.89	21.89	24.90	<=30	Pass	
3750		Outer_Full	23.88	23.89	26.90	19.77	19.78	22.79	<=30	Pass	
		Inner_Full	25.92	25.92	28.93	21.81	21.81	24.82	<=30	Pass	
		Inner_1RB_Left	25.96	25.98	28.98	21.85	21.87	24.87	<=30	Pass	
		Inner_1RB_Right	25.96	25.96	28.97	21.85	21.85	24.86	<=30	Pass	
3795		Outer_Full	23.84	23.92	26.89	19.73	19.81	22.78	<=30	Pass	
		Inner_Full	25.92	26.00	28.97	21.81	21.89	24.86	<=30	Pass	
		Inner_1RB_Left	25.95	26.02	29.00	21.84	21.91	24.89	<=30	Pass	
		Inner_1RB_Right	25.91	26.00	28.97	21.80	21.89	24.86	<=30	Pass	
DFT-s-OFDM 64 QAM	3705	Outer_Full	23.19	23.20	26.21	19.08	19.09	22.10	<=30	Pass	
		Inner_Full	23.76	23.77	26.77	19.65	19.66	22.67	<=30	Pass	
		Inner_1RB_Left	23.51	23.53	26.53	19.40	19.42	22.42	<=30	Pass	
		Inner_1RB_Right	23.55	23.54	26.56	19.44	19.43	22.45	<=30	Pass	
	3750	Outer_Full	23.30	23.30	26.31	19.19	19.19	22.20	<=30	Pass	
		Inner_Full	24.02	24.02	27.03	19.91	19.91	22.92	<=30	Pass	
		Inner_1RB_Left	23.62	23.63	26.64	19.51	19.52	22.53	<=30	Pass	
		Inner_1RB_Right	23.54	23.54	26.55	19.43	19.43	22.44	<=30	Pass	
	3795	Outer_Full	23.22	23.31	26.27	19.11	19.20	22.17	<=30	Pass	
		Inner_Full	23.67	23.76	26.73	19.56	19.65	22.62	<=30	Pass	
		Inner_1RB_Left	23.55	23.62	26.59	19.44	19.51	22.49	<=30	Pass	
		Inner_1RB_Right	23.57	23.67	26.63	19.46	19.56	22.52	<=30	Pass	
DFT-s-OFDM 256 QAM	3705	Outer_Full	21.16	21.17	24.18	17.05	17.06	20.07	<=30	Pass	
		Inner_Full	21.15	21.16	24.17	17.04	17.05	20.06	<=30	Pass	
		Inner_1RB_Left	21.05	21.08	24.08	16.94	16.97	19.97	<=30	Pass	
		Inner_1RB_Right	21.16	21.16	24.17	17.05	17.05	20.06	<=30	Pass	
	3750	Outer_Full	21.46	21.47	24.47	17.35	17.36	20.37	<=30	Pass	
		Inner_Full	21.46	21.47	24.47	17.35	17.36	20.37	<=30	Pass	
		Inner_1RB_Left	21.56	21.57	24.58	17.45	17.46	20.47	<=30	Pass	
		Inner_1RB_Right	21.48	21.48	24.49	17.37	17.37	20.38	<=30	Pass	
	3795	Outer_Full	21.22	21.31	24.28	17.11	17.20	20.17	<=30	Pass	
		Inner_Full	21.26	21.35	24.32	17.15	17.24	20.21	<=30	Pass	
		Inner_1RB_Left	21.47	21.55	24.52	17.36	17.44	20.41	<=30	Pass	
		Inner_1RB_Right	21.27	21.37	24.33	17.16	17.26	20.22	<=30	Pass	
CP-OFDM QPSK	3705	Outer_Full	22.73	22.73	25.74	18.62	18.62	21.63	<=30	Pass	
		Inner_Full	25.34	25.34	28.35	21.23	21.23	24.24	<=30	Pass	
		Inner_1RB_Left	25.48	25.50	28.50	21.37	21.39	24.39	<=30	Pass	
		Inner_1RB_Right	25.55	25.54	28.56	21.44	21.43	24.45	<=30	Pass	

	3750	Outer_Full	22.84	22.85	25.86	18.73	18.74	21.75	<=30	Pass
		Inner_Full	25.39	25.40	28.40	21.28	21.29	24.30	<=30	Pass
		Inner_1RB_Left	25.34	25.36	28.36	21.23	21.25	24.25	<=30	Pass
		Inner_1RB_Right	25.31	25.31	28.32	21.20	21.20	24.21	<=30	Pass
	3795	Outer_Full	22.88	22.96	25.93	18.77	18.85	21.82	<=30	Pass
		Inner_Full	25.44	25.52	28.49	21.33	21.41	24.38	<=30	Pass
		Inner_1RB_Left	25.24	25.31	28.28	21.13	21.20	24.18	<=30	Pass
		Inner_1RB_Right	25.43	25.52	28.48	21.32	21.41	24.38	<=30	Pass
CP-OFDM 16 QAM	3705	Outer_Full	22.72	22.73	25.74	18.61	18.62	21.63	<=30	Pass
		Inner_Full	24.69	24.70	27.70	20.58	20.59	23.60	<=30	Pass
		Inner_1RB_Left	24.57	24.59	27.59	20.46	20.48	23.48	<=30	Pass
		Inner_1RB_Right	24.67	24.66	27.68	20.56	20.55	23.57	<=30	Pass
	3750	Outer_Full	22.91	22.92	25.92	18.80	18.81	21.82	<=30	Pass
		Inner_Full	24.88	24.89	27.90	20.77	20.78	23.79	<=30	Pass
		Inner_1RB_Left	24.93	24.95	27.95	20.82	20.84	23.84	<=30	Pass
		Inner_1RB_Right	24.96	24.96	27.97	20.85	20.85	23.86	<=30	Pass
	3795	Outer_Full	22.82	22.91	25.87	18.71	18.80	21.77	<=30	Pass
		Inner_Full	24.87	24.96	27.93	20.76	20.85	23.82	<=30	Pass
		Inner_1RB_Left	24.99	25.06	28.04	20.88	20.95	23.93	<=30	Pass
		Inner_1RB_Right	24.92	25.01	27.98	20.81	20.90	23.87	<=30	Pass
CP-OFDM 64 QAM	3705	Outer_Full	22.23	22.24	25.25	18.12	18.13	21.14	<=30	Pass
		Inner_Full	22.84	22.85	25.85	18.73	18.74	21.75	<=30	Pass
		Inner_1RB_Left	22.73	22.76	25.76	18.62	18.65	21.65	<=30	Pass
		Inner_1RB_Right	22.85	22.85	25.86	18.74	18.74	21.75	<=30	Pass
	3750	Outer_Full	22.37	22.38	25.38	18.26	18.27	21.28	<=30	Pass
		Inner_Full	22.77	22.78	25.78	18.66	18.67	21.68	<=30	Pass
		Inner_1RB_Left	22.57	22.58	25.59	18.46	18.47	21.48	<=30	Pass
		Inner_1RB_Right	22.81	22.81	25.82	18.70	18.70	21.71	<=30	Pass
	3795	Outer_Full	22.31	22.39	25.36	18.20	18.28	21.25	<=30	Pass
		Inner_Full	22.79	22.88	25.85	18.68	18.77	21.74	<=30	Pass
		Inner_1RB_Left	22.76	22.83	25.81	18.65	18.72	21.70	<=30	Pass
		Inner_1RB_Right	22.61	22.71	25.67	18.50	18.60	21.56	<=30	Pass
CP-OFDM 256 QAM	3705	Outer_Full	19.56	19.57	22.57	15.45	15.46	18.47	<=30	Pass
		Inner_Full	19.49	19.50	22.51	15.38	15.39	18.40	<=30	Pass
		Inner_1RB_Left	19.35	19.38	22.38	15.24	15.27	18.27	<=30	Pass
		Inner_1RB_Right	19.40	19.40	22.41	15.29	15.29	18.30	<=30	Pass
	3750	Outer_Full	19.50	19.51	22.51	15.39	15.40	18.41	<=30	Pass
		Inner_Full	19.66	19.67	22.67	15.55	15.56	18.57	<=30	Pass
		Inner_1RB_Left	19.54	19.56	22.56	15.43	15.45	18.45	<=30	Pass
		Inner_1RB_Right	19.53	19.53	22.54	15.42	15.42	18.43	<=30	Pass
	3795	Outer_Full	19.68	19.77	22.74	15.57	15.66	18.63	<=30	Pass
		Inner_Full	19.55	19.64	22.61	15.44	15.53	18.50	<=30	Pass
		Inner_1RB_Left	19.92	19.99	22.97	15.81	15.88	18.86	<=30	Pass
		Inner_1RB_Right	19.70	19.79	22.76	15.59	15.68	18.65	<=30	Pass
Note1: Antenna Gain: Ant1: -4.11dBi; Ant2: -4.11dBi; 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 n78a SCS=30kHz MIMO 15MHz NTN										
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	25.43	25.43	28.44	21.32	21.32	24.33	<=30	Pass
		Inner_Full	26.75	26.76	29.76	22.64	22.65	25.66	<=30	Pass
		Inner_1RB_Left	26.75	26.76	29.76	22.64	22.65	25.66	<=30	Pass
		Inner_1RB_Right	26.76	26.73	29.76	22.65	22.62	25.65	<=30	Pass
	3750	Outer_Full	25.41	25.41	28.42	21.30	21.30	24.31	<=30	Pass

		Inner_Full	26.89	26.90	29.91	22.78	22.79	25.80	<=30	Pass	
		Inner_1RB_Left	26.76	26.77	29.78	22.65	22.66	25.67	<=30	Pass	
		Inner_1RB_Right	26.94	26.94	29.95	22.83	22.83	25.84	<=30	Pass	
		Outer_Full	25.24	25.33	28.30	21.13	21.22	24.19	<=30	Pass	
		Inner_Full	26.80	26.89	29.86	22.69	22.78	25.75	<=30	Pass	
		Inner_1RB_Left	26.69	26.75	29.73	22.58	22.64	25.62	<=30	Pass	
		Inner_1RB_Right	26.70	26.82	29.77	22.59	22.71	25.66	<=30	Pass	
DFT-s-OFDM QPSK	3707.52	Outer_Full	24.79	24.80	27.81	20.68	20.69	23.70	<=30	Pass	
		Inner_Full	26.77	26.78	29.79	22.66	22.67	25.68	<=30	Pass	
		Inner_1RB_Left	26.69	26.71	29.71	22.58	22.60	25.60	<=30	Pass	
		Inner_1RB_Right	26.76	26.74	29.76	22.65	22.63	25.65	<=30	Pass	
	3750	Outer_Full	24.93	24.94	27.95	20.82	20.83	23.84	<=30	Pass	
		Inner_Full	26.88	26.89	29.89	22.77	22.78	25.79	<=30	Pass	
		Inner_1RB_Left	26.74	26.76	29.76	22.63	22.65	25.65	<=30	Pass	
		Inner_1RB_Right	26.82	26.82	29.83	22.71	22.71	25.72	<=30	Pass	
	3792.48	Outer_Full	24.86	24.95	27.92	20.75	20.84	23.81	<=30	Pass	
		Inner_Full	26.83	26.92	29.89	22.72	22.81	25.78	<=30	Pass	
		Inner_1RB_Left	26.75	26.82	29.79	22.64	22.71	25.69	<=30	Pass	
		Inner_1RB_Right	26.67	26.79	29.74	22.56	22.68	25.63	<=30	Pass	
	DFT-s-OFDM 16 QAM	3707.52	Outer_Full	23.79	23.80	26.81	19.68	19.69	22.70	<=30	Pass
			Inner_Full	25.83	25.84	28.85	21.72	21.73	24.74	<=30	Pass
Inner_1RB_Left			25.81	25.83	28.83	21.70	21.72	24.72	<=30	Pass	
Inner_1RB_Right			25.88	25.85	28.88	21.77	21.74	24.77	<=30	Pass	
3750		Outer_Full	23.87	23.88	26.88	19.76	19.77	22.78	<=30	Pass	
		Inner_Full	26.01	26.01	29.02	21.90	21.90	24.91	<=30	Pass	
		Inner_1RB_Left	25.88	25.90	28.90	21.77	21.79	24.79	<=30	Pass	
		Inner_1RB_Right	26.12	26.12	29.13	22.01	22.01	25.02	<=30	Pass	
3792.48		Outer_Full	23.77	23.85	26.82	19.66	19.74	22.71	<=30	Pass	
		Inner_Full	25.83	25.92	28.89	21.72	21.81	24.78	<=30	Pass	
		Inner_1RB_Left	25.91	25.98	28.95	21.80	21.87	24.85	<=30	Pass	
		Inner_1RB_Right	25.84	25.96	28.92	21.73	21.85	24.80	<=30	Pass	
DFT-s-OFDM 64 QAM	3707.52	Outer_Full	23.32	23.33	26.34	19.21	19.22	22.23	<=30	Pass	
		Inner_Full	23.74	23.75	26.76	19.63	19.64	22.65	<=30	Pass	
		Inner_1RB_Left	23.58	23.60	26.60	19.47	19.49	22.49	<=30	Pass	
		Inner_1RB_Right	23.66	23.64	26.66	19.55	19.53	22.55	<=30	Pass	
	3750	Outer_Full	23.36	23.37	26.38	19.25	19.26	22.27	<=30	Pass	
		Inner_Full	23.86	23.87	26.87	19.75	19.76	22.77	<=30	Pass	
		Inner_1RB_Left	23.71	23.73	26.73	19.60	19.62	22.62	<=30	Pass	
		Inner_1RB_Right	23.65	23.65	26.66	19.54	19.54	22.55	<=30	Pass	
	3792.48	Outer_Full	23.23	23.32	26.29	19.12	19.21	22.18	<=30	Pass	
		Inner_Full	23.77	23.86	26.83	19.66	19.75	22.72	<=30	Pass	
		Inner_1RB_Left	23.50	23.57	26.55	19.39	19.46	22.44	<=30	Pass	
		Inner_1RB_Right	23.59	23.71	26.66	19.48	19.60	22.55	<=30	Pass	
DFT-s-OFDM 256 QAM	3707.52	Outer_Full	21.91	21.91	24.92	17.80	17.80	20.81	<=30	Pass	
		Inner_Full	21.73	21.74	24.74	17.62	17.63	20.64	<=30	Pass	
		Inner_1RB_Left	21.62	21.64	24.64	17.51	17.53	20.53	<=30	Pass	
		Inner_1RB_Right	22.13	22.11	25.13	18.02	18.00	21.02	<=30	Pass	
	3750	Outer_Full	21.91	21.92	24.93	17.80	17.81	20.82	<=30	Pass	
		Inner_Full	21.89	21.90	24.91	17.78	17.79	20.80	<=30	Pass	
		Inner_1RB_Left	22.05	22.07	25.07	17.94	17.96	20.96	<=30	Pass	
		Inner_1RB_Right	21.70	21.70	24.71	17.59	17.59	20.60	<=30	Pass	
	3792.48	Outer_Full	21.59	21.68	24.64	17.48	17.57	20.54	<=30	Pass	
		Inner_Full	21.67	21.76	24.73	17.56	17.65	20.62	<=30	Pass	
		Inner_1RB_Left	21.51	21.57	24.55	17.40	17.46	20.44	<=30	Pass	
		Inner_1RB_Right	21.69	21.81	24.76	17.58	17.70	20.65	<=30	Pass	
CP-OFDM QPSK	3707.52	Outer_Full	22.89	22.90	25.91	18.78	18.79	21.80	<=30	Pass	
		Inner_Full	25.39	25.40	28.40	21.28	21.29	24.30	<=30	Pass	
		Inner_1RB_Left	25.14	25.16	28.16	21.03	21.05	24.05	<=30	Pass	
		Inner_1RB_Right	25.36	25.34	28.36	21.25	21.23	24.25	<=30	Pass	

	3750	Outer_Full	22.84	22.85	25.86	18.73	18.74	21.75	<=30	Pass
		Inner_Full	25.44	25.45	28.45	21.33	21.34	24.35	<=30	Pass
		Inner_1RB_Left	25.29	25.30	28.30	21.18	21.19	24.20	<=30	Pass
		Inner_1RB_Right	25.49	25.49	28.50	21.38	21.38	24.39	<=30	Pass
	3792.48	Outer_Full	22.81	22.90	25.87	18.70	18.79	21.76	<=30	Pass
		Inner_Full	25.22	25.31	28.28	21.11	21.20	24.17	<=30	Pass
		Inner_1RB_Left	25.22	25.28	28.26	21.11	21.17	24.15	<=30	Pass
		Inner_1RB_Right	25.21	25.33	28.28	21.10	21.22	24.17	<=30	Pass
CP-OFDM 16 QAM	3707.52	Outer_Full	22.79	22.79	25.80	18.68	18.68	21.69	<=30	Pass
		Inner_Full	24.91	24.92	27.93	20.80	20.81	23.82	<=30	Pass
		Inner_1RB_Left	25.01	25.03	28.03	20.90	20.92	23.92	<=30	Pass
		Inner_1RB_Right	24.98	24.96	27.98	20.87	20.85	23.87	<=30	Pass
	3750	Outer_Full	22.89	22.90	25.91	18.78	18.79	21.80	<=30	Pass
		Inner_Full	24.98	24.98	27.99	20.87	20.87	23.88	<=30	Pass
		Inner_1RB_Left	24.95	24.97	27.97	20.84	20.86	23.86	<=30	Pass
		Inner_1RB_Right	25.12	25.12	28.13	21.01	21.01	24.02	<=30	Pass
	3792.48	Outer_Full	22.70	22.79	25.76	18.59	18.68	21.65	<=30	Pass
		Inner_Full	24.85	24.94	27.90	20.74	20.83	23.80	<=30	Pass
		Inner_1RB_Left	24.88	24.94	27.92	20.77	20.83	23.81	<=30	Pass
		Inner_1RB_Right	25.12	25.23	28.19	21.01	21.12	24.08	<=30	Pass
CP-OFDM 64 QAM	3707.52	Outer_Full	22.42	22.42	25.43	18.31	18.31	21.32	<=30	Pass
		Inner_Full	22.76	22.77	25.77	18.65	18.66	21.67	<=30	Pass
		Inner_1RB_Left	22.66	22.68	25.68	18.55	18.57	21.57	<=30	Pass
		Inner_1RB_Right	22.71	22.69	25.71	18.60	18.58	21.60	<=30	Pass
	3750	Outer_Full	22.50	22.51	25.52	18.39	18.40	21.41	<=30	Pass
		Inner_Full	22.87	22.88	25.89	18.76	18.77	21.78	<=30	Pass
		Inner_1RB_Left	22.68	22.70	25.70	18.57	18.59	21.59	<=30	Pass
		Inner_1RB_Right	22.82	22.82	25.83	18.71	18.71	21.72	<=30	Pass
	3792.48	Outer_Full	22.25	22.34	25.31	18.14	18.23	21.20	<=30	Pass
		Inner_Full	22.71	22.80	25.76	18.60	18.69	21.66	<=30	Pass
		Inner_1RB_Left	22.58	22.65	25.63	18.47	18.54	21.52	<=30	Pass
		Inner_1RB_Right	22.52	22.64	25.59	18.41	18.53	21.48	<=30	Pass
CP-OFDM 256 QAM	3707.52	Outer_Full	19.95	19.96	22.96	15.84	15.85	18.86	<=30	Pass
		Inner_Full	20.01	20.02	23.03	15.90	15.91	18.92	<=30	Pass
		Inner_1RB_Left	20.24	20.26	23.26	16.13	16.15	19.15	<=30	Pass
		Inner_1RB_Right	20.28	20.26	23.28	16.17	16.15	19.17	<=30	Pass
	3750	Outer_Full	20.13	20.14	23.14	16.02	16.03	19.04	<=30	Pass
		Inner_Full	19.95	19.95	22.96	15.84	15.84	18.85	<=30	Pass
		Inner_1RB_Left	20.39	20.41	23.41	16.28	16.30	19.30	<=30	Pass
		Inner_1RB_Right	20.18	20.19	23.20	16.07	16.08	19.09	<=30	Pass
	3792.48	Outer_Full	19.75	19.84	22.81	15.64	15.73	18.70	<=30	Pass
		Inner_Full	19.66	19.75	22.71	15.55	15.64	18.61	<=30	Pass
		Inner_1RB_Left	19.62	19.69	22.66	15.51	15.58	18.56	<=30	Pass
		Inner_1RB_Right	19.84	19.96	22.91	15.73	15.85	18.80	<=30	Pass
Note1: Antenna Gain: Ant1: -4.11dBi; Ant2: -4.11dBi; 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 n78a SCS=30kHz MIMO 20MHz NTN										
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	25.33	25.31	28.33	21.22	21.20	24.22	<=30	Pass
		Inner Full	26.88	26.87	29.89	22.77	22.76	25.78	<=30	Pass
		Inner 1RB Left	26.65	26.66	29.67	22.54	22.55	25.56	<=30	Pass
		Inner 1RB Right	26.87	26.82	29.85	22.76	22.71	25.75	<=30	Pass
	3750	Outer Full	25.37	25.37	28.38	21.26	21.26	24.27	<=30	Pass

		Inner_Full	26.96	26.96	29.97	22.85	22.85	25.86	<=30	Pass	
		Inner_1RB_Left	26.84	26.85	29.86	22.73	22.74	25.75	<=30	Pass	
		Inner_1RB_Right	26.95	26.95	29.96	22.84	22.84	25.85	<=30	Pass	
		Outer_Full	25.34	25.42	28.39	21.23	21.31	24.28	<=30	Pass	
		Inner_Full	26.85	26.92	29.89	22.74	22.81	25.79	<=30	Pass	
		Inner_1RB_Left	26.90	26.94	29.93	22.79	22.83	25.82	<=30	Pass	
		Inner_1RB_Right	26.83	26.94	29.90	22.72	22.83	25.79	<=30	Pass	
DFT-s-OFDM QPSK	3710.01	Outer_Full	24.78	24.77	27.78	20.67	20.66	23.68	<=30	Pass	
		Inner_Full	26.94	26.93	29.94	22.83	22.82	25.84	<=30	Pass	
		Inner_1RB_Left	26.63	26.64	29.64	22.52	22.53	25.54	<=30	Pass	
		Inner_1RB_Right	26.86	26.82	29.85	22.75	22.71	25.74	<=30	Pass	
	3750	Outer_Full	24.91	24.92	27.93	20.80	20.81	23.82	<=30	Pass	
		Inner_Full	26.93	26.93	29.94	22.82	22.82	25.83	<=30	Pass	
		Inner_1RB_Left	26.76	26.77	29.78	22.65	22.66	25.67	<=30	Pass	
		Inner_1RB_Right	26.92	26.91	29.93	22.81	22.80	25.82	<=30	Pass	
	3789.99	Outer_Full	24.91	24.98	27.96	20.80	20.87	23.85	<=30	Pass	
		Inner_Full	26.79	26.85	29.83	22.68	22.74	25.72	<=30	Pass	
		Inner_1RB_Left	26.80	26.84	29.83	22.69	22.73	25.72	<=30	Pass	
		Inner_1RB_Right	26.82	26.93	29.88	22.71	22.82	25.78	<=30	Pass	
	DFT-s-OFDM 16 QAM	3710.01	Outer_Full	23.82	23.82	26.83	19.71	19.71	22.72	<=30	Pass
			Inner_Full	25.82	25.82	28.83	21.71	21.71	24.72	<=30	Pass
Inner_1RB_Left			25.79	25.80	28.80	21.68	21.69	24.70	<=30	Pass	
Inner_1RB_Right			26.01	25.96	28.99	21.90	21.85	24.89	<=30	Pass	
3750		Outer_Full	24.03	24.03	27.04	19.92	19.92	22.93	<=30	Pass	
		Inner_Full	25.83	25.83	28.84	21.72	21.72	24.73	<=30	Pass	
		Inner_1RB_Left	25.93	25.94	28.95	21.82	21.83	24.84	<=30	Pass	
		Inner_1RB_Right	26.07	26.06	29.07	21.96	21.95	24.97	<=30	Pass	
3789.99		Outer_Full	23.82	23.89	26.86	19.71	19.78	22.76	<=30	Pass	
		Inner_Full	25.86	25.92	28.90	21.75	21.81	24.79	<=30	Pass	
		Inner_1RB_Left	25.97	26.01	29.00	21.86	21.90	24.89	<=30	Pass	
		Inner_1RB_Right	25.98	26.08	29.04	21.87	21.97	24.93	<=30	Pass	
DFT-s-OFDM 64 QAM	3710.01	Outer_Full	23.28	23.28	26.29	19.17	19.17	22.18	<=30	Pass	
		Inner_Full	23.87	23.87	26.88	19.76	19.76	22.77	<=30	Pass	
		Inner_1RB_Left	23.61	23.62	26.62	19.50	19.51	22.52	<=30	Pass	
		Inner_1RB_Right	23.69	23.65	26.68	19.58	19.54	22.57	<=30	Pass	
	3750	Outer_Full	23.40	23.40	26.41	19.29	19.29	22.30	<=30	Pass	
		Inner_Full	23.91	23.91	26.92	19.80	19.80	22.81	<=30	Pass	
		Inner_1RB_Left	23.58	23.60	26.60	19.47	19.49	22.49	<=30	Pass	
		Inner_1RB_Right	23.78	23.78	26.79	19.67	19.67	22.68	<=30	Pass	
	3789.99	Outer_Full	23.36	23.43	26.41	19.25	19.32	22.30	<=30	Pass	
		Inner_Full	23.82	23.89	26.86	19.71	19.78	22.76	<=30	Pass	
		Inner_1RB_Left	23.56	23.60	26.59	19.45	19.49	22.48	<=30	Pass	
		Inner_1RB_Right	23.63	23.74	26.69	19.52	19.63	22.59	<=30	Pass	
DFT-s-OFDM 256 QAM	3710.01	Outer_Full	21.75	21.74	24.76	17.64	17.63	20.65	<=30	Pass	
		Inner_Full	21.87	21.87	24.88	17.76	17.76	20.77	<=30	Pass	
		Inner_1RB_Left	21.63	21.65	24.65	17.52	17.54	20.54	<=30	Pass	
		Inner_1RB_Right	22.01	21.97	25.00	17.90	17.86	20.89	<=30	Pass	
	3750	Outer_Full	22.27	22.28	25.29	18.16	18.17	21.18	<=30	Pass	
		Inner_Full	22.26	22.26	25.27	18.15	18.15	21.16	<=30	Pass	
		Inner_1RB_Left	22.15	22.17	25.17	18.04	18.06	21.06	<=30	Pass	
		Inner_1RB_Right	22.39	22.38	25.40	18.28	18.27	21.29	<=30	Pass	
	3789.99	Outer_Full	21.88	21.95	24.93	17.77	17.84	20.82	<=30	Pass	
		Inner_Full	21.82	21.88	24.86	17.71	17.77	20.75	<=30	Pass	
		Inner_1RB_Left	21.95	21.99	24.98	17.84	17.88	20.87	<=30	Pass	
		Inner_1RB_Right	21.81	21.92	24.87	17.70	17.81	20.77	<=30	Pass	
CP-OFDM QPSK	3710.01	Outer_Full	22.87	22.86	25.87	18.76	18.75	21.77	<=30	Pass	
		Inner_Full	25.20	25.19	28.21	21.09	21.08	24.10	<=30	Pass	
		Inner_1RB_Left	25.27	25.28	28.29	21.16	21.17	24.18	<=30	Pass	
		Inner_1RB_Right	25.44	25.40	28.43	21.33	21.29	24.32	<=30	Pass	

	3750	Outer_Full	22.90	22.90	25.91	18.79	18.79	21.80	<=30	Pass
		Inner_Full	25.41	25.41	28.42	21.30	21.30	24.31	<=30	Pass
		Inner_1RB_Left	25.24	25.26	28.26	21.13	21.15	24.15	<=30	Pass
		Inner_1RB_Right	25.58	25.57	28.59	21.47	21.46	24.48	<=30	Pass
	3789.99	Outer_Full	22.90	22.97	25.95	18.79	18.86	21.84	<=30	Pass
		Inner_Full	25.35	25.42	28.40	21.24	21.31	24.29	<=30	Pass
		Inner_1RB_Left	25.31	25.35	28.34	21.20	21.24	24.23	<=30	Pass
		Inner_1RB_Right	25.39	25.50	28.46	21.28	21.39	24.35	<=30	Pass
CP-OFDM 16 QAM	3710.01	Outer_Full	22.81	22.80	25.81	18.70	18.69	21.71	<=30	Pass
		Inner_Full	24.88	24.88	27.89	20.77	20.77	23.78	<=30	Pass
		Inner_1RB_Left	24.98	25.00	28.00	20.87	20.89	23.89	<=30	Pass
		Inner_1RB_Right	25.17	25.12	28.16	21.06	21.01	24.05	<=30	Pass
	3750	Outer_Full	22.94	22.94	25.95	18.83	18.83	21.84	<=30	Pass
		Inner_Full	24.91	24.91	27.92	20.80	20.80	23.81	<=30	Pass
		Inner_1RB_Left	24.89	24.90	27.91	20.78	20.79	23.80	<=30	Pass
		Inner_1RB_Right	25.20	25.19	28.21	21.09	21.08	24.10	<=30	Pass
	3789.99	Outer_Full	22.88	22.95	25.92	18.77	18.84	21.82	<=30	Pass
		Inner_Full	24.83	24.89	27.87	20.72	20.78	23.76	<=30	Pass
		Inner_1RB_Left	24.99	25.03	28.02	20.88	20.92	23.91	<=30	Pass
		Inner_1RB_Right	25.02	25.13	28.08	20.91	21.02	23.98	<=30	Pass
CP-OFDM 64 QAM	3710.01	Outer_Full	22.15	22.14	25.16	18.04	18.03	21.05	<=30	Pass
		Inner_Full	22.80	22.80	25.81	18.69	18.69	21.70	<=30	Pass
		Inner_1RB_Left	22.59	22.61	25.61	18.48	18.50	21.50	<=30	Pass
		Inner_1RB_Right	22.82	22.78	25.81	18.71	18.67	21.70	<=30	Pass
	3750	Outer_Full	22.36	22.36	25.37	18.25	18.25	21.26	<=30	Pass
		Inner_Full	22.89	22.89	25.90	18.78	18.78	21.79	<=30	Pass
		Inner_1RB_Left	22.79	22.81	25.81	18.68	18.70	21.70	<=30	Pass
		Inner_1RB_Right	22.95	22.94	25.96	18.84	18.83	21.85	<=30	Pass
	3789.99	Outer_Full	22.31	22.38	25.36	18.20	18.27	21.25	<=30	Pass
		Inner_Full	22.88	22.94	25.92	18.77	18.83	21.81	<=30	Pass
		Inner_1RB_Left	22.82	22.86	25.85	18.71	18.75	21.74	<=30	Pass
		Inner_1RB_Right	22.85	22.96	25.91	18.74	18.85	21.81	<=30	Pass
CP-OFDM 256 QAM	3710.01	Outer_Full	19.88	19.87	22.89	15.77	15.76	18.78	<=30	Pass
		Inner_Full	19.91	19.91	22.92	15.80	15.80	18.81	<=30	Pass
		Inner_1RB_Left	20.04	20.05	23.06	15.93	15.94	18.95	<=30	Pass
		Inner_1RB_Right	20.19	20.15	23.18	16.08	16.04	19.07	<=30	Pass
	3750	Outer_Full	20.24	20.24	23.25	16.13	16.13	19.14	<=30	Pass
		Inner_Full	20.33	20.34	23.34	16.22	16.23	19.24	<=30	Pass
		Inner_1RB_Left	19.96	19.98	22.98	15.85	15.87	18.87	<=30	Pass
		Inner_1RB_Right	20.32	20.31	23.33	16.21	16.20	19.22	<=30	Pass
	3789.99	Outer_Full	19.97	20.04	23.01	15.86	15.93	18.91	<=30	Pass
		Inner_Full	20.04	20.11	23.08	15.93	16.00	18.98	<=30	Pass
		Inner_1RB_Left	20.54	20.58	23.57	16.43	16.47	19.46	<=30	Pass
		Inner_1RB_Right	20.28	20.39	23.34	16.17	16.28	19.24	<=30	Pass
Note1: Antenna Gain: Ant1: -4.11dBi; Ant2: -4.11dBi; 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 n78a SCS=30kHz MIMO 25MHz NTN										
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	25.16	25.15	28.17	21.05	21.04	24.06	<=30	Pass
		Inner_Full	26.75	26.74	29.76	22.64	22.63	25.65	<=30	Pass
		Inner_1RB_Left	26.75	26.77	29.77	22.64	22.66	25.66	<=30	Pass
		Inner_1RB_Right	26.96	26.92	29.95	22.85	22.81	25.84	<=30	Pass
	3750	Outer_Full	25.30	25.30	28.31	21.19	21.19	24.20	<=30	Pass

		Inner_Full	26.86	26.86	29.87	22.75	22.75	25.76	<=30	Pass	
		Inner_1RB_Left	26.77	26.79	29.79	22.66	22.68	25.68	<=30	Pass	
		Inner_1RB_Right	26.97	26.96	29.97	22.86	22.85	25.87	<=30	Pass	
		Outer_Full	25.33	25.40	28.38	21.22	21.29	24.27	<=30	Pass	
		Inner_Full	26.81	26.87	29.85	22.70	22.76	25.74	<=30	Pass	
		Inner_1RB_Left	26.90	26.93	29.92	22.79	22.82	25.82	<=30	Pass	
		Inner_1RB_Right	26.88	26.99	29.94	22.77	22.88	25.84	<=30	Pass	
DFT-s-OFDM QPSK	3712.5	Outer_Full	24.68	24.66	27.68	20.57	20.55	23.57	<=30	Pass	
		Inner_Full	26.73	26.71	29.73	22.62	22.60	25.62	<=30	Pass	
		Inner_1RB_Left	26.75	26.76	29.77	22.64	22.65	25.66	<=30	Pass	
		Inner_1RB_Right	26.97	26.93	29.96	22.86	22.82	25.85	<=30	Pass	
	3750	Outer_Full	24.74	24.74	27.75	20.63	20.63	23.64	<=30	Pass	
		Inner_Full	26.72	26.72	29.73	22.61	22.61	25.62	<=30	Pass	
		Inner_1RB_Left	26.75	26.76	29.77	22.64	22.65	25.66	<=30	Pass	
		Inner_1RB_Right	26.92	26.91	29.93	22.81	22.80	25.82	<=30	Pass	
	3787.5	Outer_Full	24.74	24.81	27.78	20.63	20.70	23.68	<=30	Pass	
		Inner_Full	26.83	26.89	29.87	22.72	22.78	25.76	<=30	Pass	
		Inner_1RB_Left	26.83	26.86	29.86	22.72	22.75	25.75	<=30	Pass	
		Inner_1RB_Right	26.90	27.01	29.96	22.79	22.90	25.86	<=30	Pass	
	DFT-s-OFDM 16 QAM	3712.5	Outer_Full	23.77	23.76	26.78	19.66	19.65	22.67	<=30	Pass
			Inner_Full	25.87	25.86	28.87	21.76	21.75	24.77	<=30	Pass
Inner_1RB_Left			25.98	25.99	28.99	21.87	21.88	24.89	<=30	Pass	
Inner_1RB_Right			26.35	26.31	29.34	22.24	22.20	25.23	<=30	Pass	
3750		Outer_Full	23.82	23.82	26.83	19.71	19.71	22.72	<=30	Pass	
		Inner_Full	25.82	25.82	28.83	21.71	21.71	24.72	<=30	Pass	
		Inner_1RB_Left	25.92	25.94	28.94	21.81	21.83	24.83	<=30	Pass	
		Inner_1RB_Right	26.23	26.22	29.24	22.12	22.11	25.13	<=30	Pass	
3787.5		Outer_Full	23.74	23.81	26.79	19.63	19.70	22.68	<=30	Pass	
		Inner_Full	25.76	25.82	28.80	21.65	21.71	24.69	<=30	Pass	
		Inner_1RB_Left	25.94	25.97	28.97	21.83	21.86	24.86	<=30	Pass	
		Inner_1RB_Right	26.03	26.13	29.09	21.92	22.02	24.98	<=30	Pass	
DFT-s-OFDM 64 QAM	3712.5	Outer_Full	23.20	23.19	26.20	19.09	19.08	22.10	<=30	Pass	
		Inner_Full	23.63	23.62	26.64	19.52	19.51	22.53	<=30	Pass	
		Inner_1RB_Left	23.63	23.65	26.65	19.52	19.54	22.54	<=30	Pass	
		Inner_1RB_Right	23.71	23.67	26.70	19.60	19.56	22.59	<=30	Pass	
	3750	Outer_Full	23.27	23.27	26.28	19.16	19.16	22.17	<=30	Pass	
		Inner_Full	23.72	23.72	26.73	19.61	19.61	22.62	<=30	Pass	
		Inner_1RB_Left	23.59	23.60	26.61	19.48	19.49	22.50	<=30	Pass	
		Inner_1RB_Right	23.96	23.96	26.97	19.85	19.85	22.86	<=30	Pass	
	3787.5	Outer_Full	23.27	23.34	26.32	19.16	19.23	22.21	<=30	Pass	
		Inner_Full	23.69	23.76	26.73	19.58	19.65	22.63	<=30	Pass	
		Inner_1RB_Left	23.69	23.72	26.72	19.58	19.61	22.61	<=30	Pass	
		Inner_1RB_Right	23.89	24.00	26.96	19.78	19.89	22.85	<=30	Pass	
DFT-s-OFDM 256 QAM	3712.5	Outer_Full	21.64	21.63	24.65	17.53	17.52	20.54	<=30	Pass	
		Inner_Full	21.62	21.61	24.63	17.51	17.50	20.52	<=30	Pass	
		Inner_1RB_Left	21.37	21.39	24.39	17.26	17.28	20.28	<=30	Pass	
		Inner_1RB_Right	21.66	21.63	24.66	17.55	17.52	20.55	<=30	Pass	
	3750	Outer_Full	21.62	21.62	24.63	17.51	17.51	20.52	<=30	Pass	
		Inner_Full	21.65	21.65	24.66	17.54	17.54	20.55	<=30	Pass	
		Inner_1RB_Left	21.38	21.40	24.40	17.27	17.29	20.29	<=30	Pass	
		Inner_1RB_Right	21.65	21.65	24.66	17.54	17.54	20.55	<=30	Pass	
	3787.5	Outer_Full	21.45	21.52	24.49	17.34	17.41	20.39	<=30	Pass	
		Inner_Full	21.48	21.54	24.52	17.37	17.43	20.41	<=30	Pass	
		Inner_1RB_Left	21.65	21.68	24.68	17.54	17.57	20.57	<=30	Pass	
		Inner_1RB_Right	21.53	21.64	24.59	17.42	17.53	20.49	<=30	Pass	
CP-OFDM QPSK	3712.5	Outer_Full	23.08	23.07	26.08	18.97	18.96	21.98	<=30	Pass	
		Inner_Full	25.22	25.21	28.22	21.11	21.10	24.12	<=30	Pass	
		Inner_1RB_Left	25.45	25.47	28.47	21.34	21.36	24.36	<=30	Pass	
		Inner_1RB_Right	25.42	25.38	28.41	21.31	21.27	24.30	<=30	Pass	

	3750	Outer_Full	23.10	23.10	26.11	18.99	18.99	22.00	<=30	Pass
		Inner_Full	25.28	25.28	28.29	21.17	21.17	24.18	<=30	Pass
		Inner_1RB_Left	25.35	25.37	28.37	21.24	21.26	24.26	<=30	Pass
		Inner_1RB_Right	25.53	25.52	28.53	21.42	21.41	24.43	<=30	Pass
	3787.5	Outer_Full	22.97	23.04	26.02	18.86	18.93	21.91	<=30	Pass
		Inner_Full	25.34	25.40	28.38	21.23	21.29	24.27	<=30	Pass
		Inner_1RB_Left	25.47	25.50	28.50	21.36	21.39	24.39	<=30	Pass
		Inner_1RB_Right	25.45	25.56	28.51	21.34	21.45	24.41	<=30	Pass
CP-OFDM 16 QAM	3712.5	Outer_Full	23.18	23.17	26.18	19.07	19.06	22.08	<=30	Pass
		Inner_Full	24.85	24.83	27.85	20.74	20.72	23.74	<=30	Pass
		Inner_1RB_Left	25.14	25.16	28.16	21.03	21.05	24.05	<=30	Pass
		Inner_1RB_Right	25.20	25.16	28.19	21.09	21.05	24.08	<=30	Pass
	3750	Outer_Full	23.26	23.26	26.27	19.15	19.15	22.16	<=30	Pass
		Inner_Full	24.83	24.83	27.84	20.72	20.72	23.73	<=30	Pass
		Inner_1RB_Left	25.03	25.05	28.05	20.92	20.94	23.94	<=30	Pass
		Inner_1RB_Right	25.24	25.23	28.25	21.13	21.12	24.14	<=30	Pass
	3787.5	Outer_Full	23.01	23.08	26.06	18.90	18.97	21.95	<=30	Pass
		Inner_Full	24.83	24.90	27.87	20.72	20.79	23.77	<=30	Pass
		Inner_1RB_Left	25.07	25.10	28.10	20.96	20.99	23.99	<=30	Pass
		Inner_1RB_Right	25.09	25.21	28.16	20.98	21.10	24.05	<=30	Pass
CP-OFDM 64 QAM	3712.5	Outer_Full	22.68	22.67	25.69	18.57	18.56	21.58	<=30	Pass
		Inner_Full	23.17	23.16	26.17	19.06	19.05	22.07	<=30	Pass
		Inner_1RB_Left	23.09	23.10	26.10	18.98	18.99	22.00	<=30	Pass
		Inner_1RB_Right	23.13	23.10	26.13	19.02	18.99	22.02	<=30	Pass
	3750	Outer_Full	22.67	22.67	25.68	18.56	18.56	21.57	<=30	Pass
		Inner_Full	23.20	23.20	26.21	19.09	19.09	22.10	<=30	Pass
		Inner_1RB_Left	23.05	23.07	26.07	18.94	18.96	21.96	<=30	Pass
		Inner_1RB_Right	23.16	23.16	26.17	19.05	19.05	22.06	<=30	Pass
	3787.5	Outer_Full	22.60	22.67	25.64	18.49	18.56	21.54	<=30	Pass
		Inner_Full	23.05	23.12	26.09	18.94	19.01	21.99	<=30	Pass
		Inner_1RB_Left	22.98	23.01	26.01	18.87	18.90	21.90	<=30	Pass
		Inner_1RB_Right	23.07	23.18	26.14	18.96	19.07	22.03	<=30	Pass
CP-OFDM 256 QAM	3712.5	Outer_Full	19.60	19.59	22.60	15.49	15.48	18.50	<=30	Pass
		Inner_Full	19.67	19.66	22.67	15.56	15.55	18.57	<=30	Pass
		Inner_1RB_Left	20.11	20.13	23.13	16.00	16.02	19.02	<=30	Pass
		Inner_1RB_Right	19.98	19.95	22.98	15.87	15.84	18.87	<=30	Pass
	3750	Outer_Full	19.66	19.67	22.67	15.55	15.56	18.57	<=30	Pass
		Inner_Full	19.60	19.61	22.62	15.49	15.50	18.51	<=30	Pass
		Inner_1RB_Left	19.62	19.64	22.64	15.51	15.53	18.53	<=30	Pass
		Inner_1RB_Right	20.08	20.08	23.09	15.97	15.97	18.98	<=30	Pass
	3787.5	Outer_Full	19.55	19.62	22.60	15.44	15.51	18.49	<=30	Pass
		Inner_Full	19.54	19.61	22.59	15.43	15.50	18.48	<=30	Pass
		Inner_1RB_Left	19.97	20.01	23.00	15.86	15.90	18.89	<=30	Pass
		Inner_1RB_Right	20.05	20.16	23.12	15.94	16.05	19.01	<=30	Pass
Note1: Antenna Gain: Ant1: -4.11dBi; Ant2: -4.11dBi; 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 n78a SCS=30kHz MIMO 30MHz NTN										
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	25.38	25.37	28.39	21.27	21.26	24.28	<=30	Pass
		Inner_Full	26.87	26.85	29.87	22.76	22.74	25.76	<=30	Pass
		Inner_1RB_Left	26.68	26.71	29.71	22.57	22.60	25.60	<=30	Pass
		Inner_1RB_Right	26.84	26.82	29.84	22.73	22.71	25.73	<=30	Pass
	3750	Outer_Full	25.45	25.46	28.46	21.34	21.35	24.36	<=30	Pass

		Inner_Full	26.90	26.91	29.91	22.79	22.80	25.81	<=30	Pass	
		Inner_1RB_Left	26.80	26.83	29.83	22.69	22.72	25.72	<=30	Pass	
		Inner_1RB_Right	26.95	26.95	29.96	22.84	22.84	25.85	<=30	Pass	
		Outer_Full	25.34	25.43	28.40	21.23	21.32	24.29	<=30	Pass	
		Inner_Full	26.89	26.97	29.94	22.78	22.86	25.83	<=30	Pass	
		Inner_1RB_Left	26.74	26.77	29.76	22.63	22.66	25.66	<=30	Pass	
		Inner_1RB_Right	26.90	27.06	29.99	22.79	22.95	25.88	<=30	Pass	
DFT-s-OFDM QPSK	3715.02	Outer_Full	24.85	24.84	27.86	20.74	20.73	23.75	<=30	Pass	
		Inner_Full	26.84	26.83	29.85	22.73	22.72	25.74	<=30	Pass	
		Inner_1RB_Left	26.66	26.68	29.68	22.55	22.57	25.57	<=30	Pass	
		Inner_1RB_Right	26.90	26.89	29.91	22.79	22.78	25.80	<=30	Pass	
	3750	Outer_Full	24.85	24.86	27.86	20.74	20.75	23.76	<=30	Pass	
		Inner_Full	26.81	26.82	29.83	22.70	22.71	25.72	<=30	Pass	
		Inner_1RB_Left	26.68	26.71	29.71	22.57	22.60	25.60	<=30	Pass	
		Inner_1RB_Right	26.96	26.97	29.98	22.85	22.86	25.87	<=30	Pass	
	3784.98	Outer_Full	24.82	24.91	27.87	20.71	20.80	23.77	<=30	Pass	
		Inner_Full	26.96	27.04	30.01	22.85	22.93	25.90	<=30	Pass	
		Inner_1RB_Left	26.82	26.84	29.84	22.71	22.73	25.73	<=30	Pass	
		Inner_1RB_Right	26.75	26.91	29.84	22.64	22.80	25.73	<=30	Pass	
	DFT-s-OFDM 16 QAM	3715.02	Outer_Full	23.82	23.81	26.83	19.71	19.70	22.72	<=30	Pass
			Inner_Full	25.86	25.84	28.86	21.75	21.73	24.75	<=30	Pass
Inner_1RB_Left			25.93	25.96	28.95	21.82	21.85	24.85	<=30	Pass	
Inner_1RB_Right			25.93	25.92	28.93	21.82	21.81	24.83	<=30	Pass	
3750		Outer_Full	23.92	23.93	26.94	19.81	19.82	22.83	<=30	Pass	
		Inner_Full	26.00	26.01	29.02	21.89	21.90	24.91	<=30	Pass	
		Inner_1RB_Left	25.87	25.90	28.90	21.76	21.79	24.79	<=30	Pass	
		Inner_1RB_Right	26.06	26.06	29.07	21.95	21.95	24.96	<=30	Pass	
3784.98		Outer_Full	23.88	23.97	26.94	19.77	19.86	22.83	<=30	Pass	
		Inner_Full	25.96	26.04	29.01	21.85	21.93	24.90	<=30	Pass	
		Inner_1RB_Left	25.88	25.91	28.90	21.77	21.80	24.80	<=30	Pass	
		Inner_1RB_Right	26.09	26.24	29.18	21.98	22.13	25.07	<=30	Pass	
DFT-s-OFDM 64 QAM	3715.02	Outer_Full	23.37	23.36	26.38	19.26	19.25	22.27	<=30	Pass	
		Inner_Full	23.79	23.77	26.79	19.68	19.66	22.68	<=30	Pass	
		Inner_1RB_Left	23.57	23.59	26.59	19.46	19.48	22.48	<=30	Pass	
		Inner_1RB_Right	23.81	23.80	26.82	19.70	19.69	22.71	<=30	Pass	
	3750	Outer_Full	23.34	23.35	26.36	19.23	19.24	22.25	<=30	Pass	
		Inner_Full	23.89	23.90	26.90	19.78	19.79	22.80	<=30	Pass	
		Inner_1RB_Left	23.54	23.57	26.56	19.43	19.46	22.46	<=30	Pass	
		Inner_1RB_Right	23.90	23.91	26.92	19.79	19.80	22.81	<=30	Pass	
	3784.98	Outer_Full	23.36	23.45	26.41	19.25	19.34	22.31	<=30	Pass	
		Inner_Full	23.87	23.96	26.93	19.76	19.85	22.82	<=30	Pass	
		Inner_1RB_Left	23.67	23.70	26.70	19.56	19.59	22.59	<=30	Pass	
		Inner_1RB_Right	23.72	23.88	26.81	19.61	19.77	22.70	<=30	Pass	
DFT-s-OFDM 256 QAM	3715.02	Outer_Full	21.70	21.70	24.71	17.59	17.59	20.60	<=30	Pass	
		Inner_Full	21.72	21.71	24.72	17.61	17.60	20.62	<=30	Pass	
		Inner_1RB_Left	21.71	21.73	24.73	17.60	17.62	20.62	<=30	Pass	
		Inner_1RB_Right	21.68	21.67	24.68	17.57	17.56	20.58	<=30	Pass	
	3750	Outer_Full	21.47	21.48	24.49	17.36	17.37	20.38	<=30	Pass	
		Inner_Full	21.55	21.56	24.57	17.44	17.45	20.46	<=30	Pass	
		Inner_1RB_Left	21.48	21.51	24.51	17.37	17.40	20.40	<=30	Pass	
		Inner_1RB_Right	21.42	21.44	24.44	17.31	17.33	20.33	<=30	Pass	
	3784.98	Outer_Full	21.60	21.69	24.66	17.49	17.58	20.55	<=30	Pass	
		Inner_Full	21.64	21.73	24.70	17.53	17.62	20.59	<=30	Pass	
		Inner_1RB_Left	21.47	21.50	24.49	17.36	17.39	20.39	<=30	Pass	
		Inner_1RB_Right	21.51	21.67	24.60	17.40	17.56	20.49	<=30	Pass	
CP-OFDM QPSK	3715.02	Outer_Full	23.11	23.11	26.12	19.00	19.00	22.01	<=30	Pass	
		Inner_Full	25.33	25.32	28.34	21.22	21.21	24.23	<=30	Pass	
		Inner_1RB_Left	25.24	25.27	28.26	21.13	21.16	24.16	<=30	Pass	
		Inner_1RB_Right	25.37	25.36	28.37	21.26	21.25	24.27	<=30	Pass	

	3750	Outer_Full	23.05	23.06	26.06	18.94	18.95	21.96	<=30	Pass
		Inner_Full	25.38	25.39	28.40	21.27	21.28	24.29	<=30	Pass
		Inner_1RB_Left	25.29	25.32	28.31	21.18	21.21	24.21	<=30	Pass
		Inner_1RB_Right	25.38	25.39	28.39	21.27	21.28	24.29	<=30	Pass
	3784.98	Outer_Full	23.11	23.20	26.16	19.00	19.09	22.06	<=30	Pass
		Inner_Full	25.33	25.42	28.39	21.22	21.31	24.28	<=30	Pass
		Inner_1RB_Left	25.31	25.34	28.33	21.20	21.23	24.23	<=30	Pass
		Inner_1RB_Right	25.36	25.51	28.44	21.25	21.40	24.34	<=30	Pass
CP-OFDM 16 QAM	3715.02	Outer_Full	23.16	23.15	26.17	19.05	19.04	22.06	<=30	Pass
		Inner_Full	24.97	24.95	27.97	20.86	20.84	23.86	<=30	Pass
		Inner_1RB_Left	24.84	24.86	27.86	20.73	20.75	23.75	<=30	Pass
		Inner_1RB_Right	25.10	25.09	28.10	20.99	20.98	24.00	<=30	Pass
	3750	Outer_Full	23.07	23.08	26.09	18.96	18.97	21.98	<=30	Pass
		Inner_Full	24.97	24.98	27.99	20.86	20.87	23.88	<=30	Pass
		Inner_1RB_Left	24.97	25.00	28.00	20.86	20.89	23.89	<=30	Pass
		Inner_1RB_Right	25.23	25.24	28.25	21.12	21.13	24.14	<=30	Pass
	3784.98	Outer_Full	23.11	23.20	26.16	19.00	19.09	22.06	<=30	Pass
		Inner_Full	24.90	24.99	27.96	20.79	20.88	23.85	<=30	Pass
		Inner_1RB_Left	24.91	24.94	27.93	20.80	20.83	23.83	<=30	Pass
		Inner_1RB_Right	24.98	25.13	28.07	20.87	21.02	23.96	<=30	Pass
CP-OFDM 64 QAM	3715.02	Outer_Full	22.71	22.71	25.72	18.60	18.60	21.61	<=30	Pass
		Inner_Full	23.23	23.21	26.23	19.12	19.10	22.12	<=30	Pass
		Inner_1RB_Left	22.97	23.00	25.99	18.86	18.89	21.89	<=30	Pass
		Inner_1RB_Right	23.01	23.00	26.02	18.90	18.89	21.91	<=30	Pass
	3750	Outer_Full	22.65	22.66	25.66	18.54	18.55	21.56	<=30	Pass
		Inner_Full	23.17	23.18	26.18	19.06	19.07	22.08	<=30	Pass
		Inner_1RB_Left	22.87	22.91	25.90	18.76	18.80	21.79	<=30	Pass
		Inner_1RB_Right	23.09	23.10	26.10	18.98	18.99	22.00	<=30	Pass
	3784.98	Outer_Full	22.63	22.72	25.68	18.52	18.61	21.58	<=30	Pass
		Inner_Full	23.16	23.25	26.21	19.05	19.14	22.11	<=30	Pass
		Inner_1RB_Left	23.11	23.14	26.14	19.00	19.03	22.03	<=30	Pass
		Inner_1RB_Right	23.15	23.30	26.24	19.04	19.19	22.13	<=30	Pass
CP-OFDM 256 QAM	3715.02	Outer_Full	19.70	19.69	22.70	15.59	15.58	18.60	<=30	Pass
		Inner_Full	19.70	19.69	22.70	15.59	15.58	18.60	<=30	Pass
		Inner_1RB_Left	19.77	19.79	22.79	15.66	15.68	18.68	<=30	Pass
		Inner_1RB_Right	20.00	19.99	23.00	15.89	15.88	18.90	<=30	Pass
	3750	Outer_Full	19.59	19.60	22.61	15.48	15.49	18.50	<=30	Pass
		Inner_Full	19.63	19.65	22.65	15.52	15.54	18.54	<=30	Pass
		Inner_1RB_Left	19.65	19.68	22.67	15.54	15.57	18.57	<=30	Pass
		Inner_1RB_Right	19.62	19.63	22.63	15.51	15.52	18.53	<=30	Pass
	3784.98	Outer_Full	19.64	19.73	22.69	15.53	15.62	18.59	<=30	Pass
		Inner_Full	19.68	19.77	22.74	15.57	15.66	18.63	<=30	Pass
		Inner_1RB_Left	20.04	20.07	23.07	15.93	15.96	18.96	<=30	Pass
		Inner_1RB_Right	19.88	20.04	22.97	15.77	15.93	18.86	<=30	Pass
Note1: Antenna Gain: Ant1: -4.11dBi; Ant2: -4.11dBi; 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 n78a SCS=30kHz MIMO 40MHz NTN										
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	25.41	25.43	28.43	21.30	21.32	24.32	<=30	Pass
		Inner_Full	26.93	26.93	29.94	22.82	22.82	25.83	<=30	Pass
		Inner_1RB_Left	26.73	26.78	29.76	22.62	22.67	25.66	<=30	Pass
		Inner_1RB_Right	27.02	27.05	30.05	22.91	22.94	25.94	<=30	Pass
	3750	Outer_Full	25.36	25.37	28.38	21.25	21.26	24.27	<=30	Pass

		Inner_Full	26.86	26.87	29.87	22.75	22.76	25.77	<=30	Pass	
		Inner_1RB_Left	26.80	26.83	29.82	22.69	22.72	25.72	<=30	Pass	
		Inner_1RB_Right	27.10	27.12	30.12	22.99	23.01	26.01	<=30	Pass	
	3780	Outer_Full	25.40	25.46	28.44	21.29	21.35	24.33	<=30	Pass	
		Inner_Full	26.86	26.92	29.90	22.75	22.81	25.79	<=30	Pass	
		Inner_1RB_Left	26.95	26.94	29.96	22.84	22.83	25.85	<=30	Pass	
		Inner_1RB_Right	27.01	27.16	30.10	22.90	23.05	25.99	<=30	Pass	
DFT-s-OFDM QPSK	3720	Outer_Full	24.74	24.76	27.76	20.63	20.65	23.65	<=30	Pass	
		Inner_Full	26.81	26.81	29.82	22.70	22.70	25.71	<=30	Pass	
		Inner_1RB_Left	26.65	26.70	29.69	22.54	22.59	25.58	<=30	Pass	
		Inner_1RB_Right	26.97	26.99	29.99	22.86	22.88	25.88	<=30	Pass	
	3750	Outer_Full	24.97	24.98	27.99	20.86	20.87	23.88	<=30	Pass	
		Inner_Full	26.87	26.88	29.88	22.76	22.77	25.78	<=30	Pass	
		Inner_1RB_Left	26.70	26.73	29.73	22.59	22.62	25.62	<=30	Pass	
		Inner_1RB_Right	27.02	27.04	30.04	22.91	22.93	25.93	<=30	Pass	
	3780	Outer_Full	24.89	24.95	27.93	20.78	20.84	23.82	<=30	Pass	
		Inner_Full	26.97	27.03	30.01	22.86	22.92	25.90	<=30	Pass	
		Inner_1RB_Left	26.78	26.78	29.79	22.67	22.67	25.68	<=30	Pass	
		Inner_1RB_Right	26.81	26.96	29.90	22.70	22.85	25.79	<=30	Pass	
	DFT-s-OFDM 16 QAM	3720	Outer_Full	23.83	23.85	26.85	19.72	19.74	22.74	<=30	Pass
			Inner_Full	25.75	25.75	28.76	21.64	21.64	24.65	<=30	Pass
			Inner_1RB_Left	25.82	25.87	28.85	21.71	21.76	24.75	<=30	Pass
			Inner_1RB_Right	26.09	26.11	29.11	21.98	22.00	25.00	<=30	Pass
3750		Outer_Full	23.87	23.89	26.89	19.76	19.78	22.78	<=30	Pass	
		Inner_Full	25.84	25.85	28.86	21.73	21.74	24.75	<=30	Pass	
		Inner_1RB_Left	25.86	25.89	28.88	21.75	21.78	24.78	<=30	Pass	
		Inner_1RB_Right	26.12	26.14	29.14	22.01	22.03	25.03	<=30	Pass	
3780		Outer_Full	23.86	23.92	26.90	19.75	19.81	22.79	<=30	Pass	
		Inner_Full	25.90	25.96	28.94	21.79	21.85	24.83	<=30	Pass	
		Inner_1RB_Left	25.92	25.92	28.93	21.81	21.81	24.82	<=30	Pass	
		Inner_1RB_Right	26.05	26.19	29.13	21.94	22.08	25.02	<=30	Pass	
DFT-s-OFDM 64 QAM	3720	Outer_Full	23.30	23.32	26.32	19.19	19.21	22.21	<=30	Pass	
		Inner_Full	23.92	23.92	26.93	19.81	19.81	22.82	<=30	Pass	
		Inner_1RB_Left	23.54	23.59	26.58	19.43	19.48	22.47	<=30	Pass	
		Inner_1RB_Right	23.82	23.84	26.84	19.71	19.73	22.73	<=30	Pass	
	3750	Outer_Full	23.38	23.39	26.39	19.27	19.28	22.29	<=30	Pass	
		Inner_Full	23.93	23.94	26.95	19.82	19.83	22.84	<=30	Pass	
		Inner_1RB_Left	23.61	23.64	26.64	19.50	19.53	22.53	<=30	Pass	
		Inner_1RB_Right	23.96	23.98	26.98	19.85	19.87	22.87	<=30	Pass	
	3780	Outer_Full	23.34	23.40	26.38	19.23	19.29	22.27	<=30	Pass	
		Inner_Full	23.85	23.90	26.89	19.74	19.79	22.78	<=30	Pass	
		Inner_1RB_Left	23.66	23.66	26.67	19.55	19.55	22.56	<=30	Pass	
		Inner_1RB_Right	23.92	24.06	27.00	19.81	19.95	22.89	<=30	Pass	
DFT-s-OFDM 256 QAM	3720	Outer_Full	21.60	21.62	24.62	17.49	17.51	20.51	<=30	Pass	
		Inner_Full	21.70	21.70	24.71	17.59	17.59	20.60	<=30	Pass	
		Inner_1RB_Left	21.38	21.43	24.42	17.27	17.32	20.31	<=30	Pass	
		Inner_1RB_Right	21.93	21.95	24.95	17.82	17.84	20.84	<=30	Pass	
	3750	Outer_Full	21.73	21.74	24.74	17.62	17.63	20.64	<=30	Pass	
		Inner_Full	21.71	21.72	24.72	17.60	17.61	20.62	<=30	Pass	
		Inner_1RB_Left	21.87	21.91	24.90	17.76	17.80	20.79	<=30	Pass	
		Inner_1RB_Right	22.11	22.13	25.13	18.00	18.02	21.02	<=30	Pass	
	3780	Outer_Full	21.47	21.54	24.52	17.36	17.43	20.41	<=30	Pass	
		Inner_Full	21.56	21.62	24.60	17.45	17.51	20.49	<=30	Pass	
		Inner_1RB_Left	21.64	21.64	24.65	17.53	17.53	20.54	<=30	Pass	
		Inner_1RB_Right	21.71	21.86	24.80	17.60	17.75	20.69	<=30	Pass	
CP-OFDM QPSK	3720	Outer_Full	23.14	23.16	26.16	19.03	19.05	22.05	<=30	Pass	
		Inner_Full	25.37	25.37	28.38	21.26	21.26	24.27	<=30	Pass	
		Inner_1RB_Left	25.44	25.49	28.47	21.33	21.38	24.37	<=30	Pass	
		Inner_1RB_Right	25.50	25.52	28.52	21.39	21.41	24.41	<=30	Pass	

	3750	Outer_Full	23.32	23.33	26.33	19.21	19.22	22.23	<=30	Pass
		Inner_Full	25.38	25.38	28.39	21.27	21.27	24.28	<=30	Pass
		Inner_1RB_Left	25.23	25.26	28.26	21.12	21.15	24.15	<=30	Pass
		Inner_1RB_Right	25.53	25.55	28.55	21.42	21.44	24.44	<=30	Pass
	3780	Outer_Full	23.06	23.13	26.11	18.95	19.02	22.00	<=30	Pass
		Inner_Full	25.34	25.40	28.38	21.23	21.29	24.27	<=30	Pass
		Inner_1RB_Left	25.36	25.36	28.37	21.25	21.25	24.26	<=30	Pass
		Inner_1RB_Right	25.52	25.66	28.60	21.41	21.55	24.49	<=30	Pass
CP-OFDM 16 QAM	3720	Outer_Full	23.03	23.04	26.04	18.92	18.93	21.94	<=30	Pass
		Inner_Full	24.88	24.88	27.89	20.77	20.77	23.78	<=30	Pass
		Inner_1RB_Left	24.90	24.94	27.93	20.79	20.83	23.82	<=30	Pass
		Inner_1RB_Right	25.21	25.23	28.23	21.10	21.12	24.12	<=30	Pass
	3750	Outer_Full	23.22	23.24	26.24	19.11	19.13	22.13	<=30	Pass
		Inner_Full	25.01	25.01	28.02	20.90	20.90	23.91	<=30	Pass
		Inner_1RB_Left	25.00	25.03	28.03	20.89	20.92	23.92	<=30	Pass
		Inner_1RB_Right	25.25	25.27	28.27	21.14	21.16	24.16	<=30	Pass
	3780	Outer_Full	23.09	23.16	26.13	18.98	19.05	22.03	<=30	Pass
		Inner_Full	24.97	25.04	28.02	20.86	20.93	23.91	<=30	Pass
		Inner_1RB_Left	25.09	25.09	28.10	20.98	20.98	23.99	<=30	Pass
		Inner_1RB_Right	25.37	25.51	28.45	21.26	21.40	24.34	<=30	Pass
CP-OFDM 64 QAM	3720	Outer_Full	22.69	22.70	25.70	18.58	18.59	21.60	<=30	Pass
		Inner_Full	23.22	23.22	26.23	19.11	19.11	22.12	<=30	Pass
		Inner_1RB_Left	22.95	23.00	25.98	18.84	18.89	21.88	<=30	Pass
		Inner_1RB_Right	23.26	23.28	26.28	19.15	19.17	22.17	<=30	Pass
	3750	Outer_Full	22.81	22.82	25.83	18.70	18.71	21.72	<=30	Pass
		Inner_Full	23.26	23.27	26.28	19.15	19.16	22.17	<=30	Pass
		Inner_1RB_Left	23.04	23.07	26.06	18.93	18.96	21.96	<=30	Pass
		Inner_1RB_Right	23.22	23.23	26.24	19.11	19.12	22.13	<=30	Pass
	3780	Outer_Full	22.65	22.72	25.69	18.54	18.61	21.59	<=30	Pass
		Inner_Full	23.15	23.22	26.19	19.04	19.11	22.09	<=30	Pass
		Inner_1RB_Left	23.08	23.08	26.09	18.97	18.97	21.98	<=30	Pass
		Inner_1RB_Right	22.96	23.11	26.05	18.85	19.00	21.94	<=30	Pass
CP-OFDM 256 QAM	3720	Outer_Full	19.67	19.69	22.69	15.56	15.58	18.58	<=30	Pass
		Inner_Full	19.64	19.64	22.65	15.53	15.53	18.54	<=30	Pass
		Inner_1RB_Left	19.89	19.94	22.93	15.78	15.83	18.82	<=30	Pass
		Inner_1RB_Right	20.00	20.03	23.02	15.89	15.92	18.92	<=30	Pass
	3750	Outer_Full	19.74	19.75	22.75	15.63	15.64	18.65	<=30	Pass
		Inner_Full	19.71	19.72	22.73	15.60	15.61	18.62	<=30	Pass
		Inner_1RB_Left	19.67	19.70	22.69	15.56	15.59	18.59	<=30	Pass
		Inner_1RB_Right	20.05	20.07	23.07	15.94	15.96	18.96	<=30	Pass
	3780	Outer_Full	19.65	19.72	22.70	15.54	15.61	18.59	<=30	Pass
		Inner_Full	19.67	19.73	22.71	15.56	15.62	18.60	<=30	Pass
		Inner_1RB_Left	19.96	19.96	22.97	15.85	15.85	18.86	<=30	Pass
		Inner_1RB_Right	19.68	19.83	22.76	15.57	15.72	18.66	<=30	Pass
Note1: Antenna Gain: Ant1: -4.11dBi; Ant2: -4.11dBi; 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 30_MIMO_50M_NTNV_EIRP

5G NR n78a SCS=30kHz MIMO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3725.01	Outer_Full	25.23	25.23	28.24	21.12	21.12	24.13	<=30	Pass
		Inner_Full	26.89	26.88	29.89	22.78	22.77	25.79	<=30	Pass
		Inner_1RB_Left	26.71	26.75	29.74	22.60	22.64	25.63	<=30	Pass
		Inner_1RB_Right	27.12	27.11	30.12	23.01	23.00	26.02	<=30	Pass
	3750	Outer_Full	25.38	25.39	28.39	21.27	21.28	24.29	<=30	Pass

		Inner_Full	26.93	26.94	29.95	22.82	22.83	25.84	<=30	Pass
		Inner_1RB_Left	26.64	26.66	29.66	22.53	22.55	25.55	<=30	Pass
		Inner_1RB_Right	27.00	27.05	30.03	22.89	22.94	25.93	<=30	Pass
	3774.99	Outer_Full	25.29	25.37	28.34	21.18	21.26	24.23	<=30	Pass
		Inner_Full	26.85	26.92	29.90	22.74	22.81	25.79	<=30	Pass
		Inner_1RB_Left	26.75	26.77	29.77	22.64	22.66	25.66	<=30	Pass
		Inner_1RB_Right	26.93	27.12	30.03	22.82	23.01	25.93	<=30	Pass
DFT-s-OFDM QPSK	3725.01	Outer_Full	24.87	24.88	27.89	20.76	20.77	23.78	<=30	Pass
		Inner_Full	26.81	26.80	29.81	22.70	22.69	25.71	<=30	Pass
		Inner_1RB_Left	26.58	26.62	29.61	22.47	22.51	25.50	<=30	Pass
		Inner_1RB_Right	26.86	26.85	29.87	22.75	22.74	25.76	<=30	Pass
	3750	Outer_Full	24.88	24.89	27.90	20.77	20.78	23.79	<=30	Pass
		Inner_Full	26.91	26.92	29.93	22.80	22.81	25.82	<=30	Pass
		Inner_1RB_Left	26.65	26.67	29.67	22.54	22.56	25.56	<=30	Pass
		Inner_1RB_Right	26.92	26.97	29.95	22.81	22.86	25.85	<=30	Pass
	3774.99	Outer_Full	24.83	24.91	27.88	20.72	20.80	23.77	<=30	Pass
		Inner_Full	26.89	26.96	29.93	22.78	22.85	25.83	<=30	Pass
		Inner_1RB_Left	26.66	26.68	29.68	22.55	22.57	25.57	<=30	Pass
		Inner_1RB_Right	26.80	26.99	29.91	22.69	22.88	25.80	<=30	Pass
DFT-s-OFDM 16 QAM	3725.01	Outer_Full	23.83	23.84	26.85	19.72	19.73	22.74	<=30	Pass
		Inner_Full	25.94	25.94	28.95	21.83	21.83	24.84	<=30	Pass
		Inner_1RB_Left	25.85	25.89	28.88	21.74	21.78	24.77	<=30	Pass
		Inner_1RB_Right	26.13	26.13	29.14	22.02	22.02	25.03	<=30	Pass
	3750	Outer_Full	23.93	23.95	26.95	19.82	19.84	22.84	<=30	Pass
		Inner_Full	25.89	25.90	28.91	21.78	21.79	24.80	<=30	Pass
		Inner_1RB_Left	25.80	25.81	28.82	21.69	21.70	24.71	<=30	Pass
		Inner_1RB_Right	26.11	26.16	29.15	22.00	22.05	25.04	<=30	Pass
	3774.99	Outer_Full	23.84	23.92	26.89	19.73	19.81	22.78	<=30	Pass
		Inner_Full	25.96	26.03	29.00	21.85	21.92	24.90	<=30	Pass
		Inner_1RB_Left	25.74	25.76	28.76	21.63	21.65	24.65	<=30	Pass
		Inner_1RB_Right	25.94	26.12	29.04	21.83	22.01	24.93	<=30	Pass
DFT-s-OFDM 64 QAM	3725.01	Outer_Full	23.33	23.33	26.34	19.22	19.22	22.23	<=30	Pass
		Inner_Full	23.89	23.88	26.90	19.78	19.77	22.79	<=30	Pass
		Inner_1RB_Left	23.50	23.54	26.53	19.39	19.43	22.42	<=30	Pass
		Inner_1RB_Right	23.78	23.77	26.79	19.67	19.66	22.68	<=30	Pass
	3750	Outer_Full	23.44	23.45	26.45	19.33	19.34	22.35	<=30	Pass
		Inner_Full	23.96	23.97	26.98	19.85	19.86	22.87	<=30	Pass
		Inner_1RB_Left	23.48	23.50	26.50	19.37	19.39	22.39	<=30	Pass
		Inner_1RB_Right	23.90	23.96	26.94	19.79	19.85	22.83	<=30	Pass
	3774.99	Outer_Full	23.12	23.20	26.17	19.01	19.09	22.06	<=30	Pass
		Inner_Full	23.93	24.00	26.97	19.82	19.89	22.87	<=30	Pass
		Inner_1RB_Left	23.58	23.61	26.60	19.47	19.50	22.50	<=30	Pass
		Inner_1RB_Right	23.71	23.89	26.81	19.60	19.78	22.70	<=30	Pass
DFT-s-OFDM 256 QAM	3725.01	Outer_Full	21.71	21.72	24.73	17.60	17.61	20.62	<=30	Pass
		Inner_Full	21.75	21.75	24.76	17.64	17.64	20.65	<=30	Pass
		Inner_1RB_Left	21.35	21.39	24.38	17.24	17.28	20.27	<=30	Pass
		Inner_1RB_Right	22.05	22.05	25.06	17.94	17.94	20.95	<=30	Pass
	3750	Outer_Full	21.59	21.61	24.61	17.48	17.50	20.50	<=30	Pass
		Inner_Full	21.64	21.66	24.66	17.53	17.55	20.55	<=30	Pass
		Inner_1RB_Left	21.34	21.36	24.36	17.23	17.25	20.25	<=30	Pass
		Inner_1RB_Right	21.65	21.70	24.68	17.54	17.59	20.58	<=30	Pass
	3774.99	Outer_Full	21.59	21.67	24.64	17.48	17.56	20.53	<=30	Pass
		Inner_Full	21.72	21.79	24.77	17.61	17.68	20.66	<=30	Pass
		Inner_1RB_Left	21.47	21.50	24.49	17.36	17.39	20.39	<=30	Pass
		Inner_1RB_Right	21.85	22.04	24.96	17.74	17.93	20.85	<=30	Pass
CP-OFDM QPSK	3725.01	Outer_Full	23.19	23.19	26.20	19.08	19.08	22.09	<=30	Pass
		Inner_Full	25.37	25.37	28.38	21.26	21.26	24.27	<=30	Pass
		Inner_1RB_Left	25.21	25.25	28.24	21.10	21.14	24.13	<=30	Pass
		Inner_1RB_Right	25.56	25.56	28.57	21.45	21.45	24.46	<=30	Pass

	3750	Outer_Full	23.08	23.10	26.10	18.97	18.99	21.99	<=30	Pass
		Inner_Full	25.46	25.47	28.47	21.35	21.36	24.37	<=30	Pass
		Inner_1RB_Left	25.19	25.21	28.21	21.08	21.10	24.10	<=30	Pass
		Inner_1RB_Right	25.50	25.55	28.54	21.39	21.44	24.43	<=30	Pass
	3774.99	Outer_Full	23.08	23.16	26.13	18.97	19.05	22.02	<=30	Pass
		Inner_Full	25.45	25.53	28.50	21.34	21.42	24.39	<=30	Pass
		Inner_1RB_Left	25.26	25.29	28.29	21.15	21.18	24.18	<=30	Pass
		Inner_1RB_Right	25.46	25.64	28.56	21.35	21.53	24.45	<=30	Pass
CP-OFDM 16 QAM	3725.01	Outer_Full	23.23	23.23	26.24	19.12	19.12	22.13	<=30	Pass
		Inner_Full	24.89	24.88	27.90	20.78	20.77	23.79	<=30	Pass
		Inner_1RB_Left	24.93	24.97	27.96	20.82	20.86	23.85	<=30	Pass
		Inner_1RB_Right	25.28	25.28	28.29	21.17	21.17	24.18	<=30	Pass
	3750	Outer_Full	23.10	23.12	26.12	18.99	19.01	22.01	<=30	Pass
		Inner_Full	24.97	24.99	27.99	20.86	20.88	23.88	<=30	Pass
		Inner_1RB_Left	24.89	24.91	27.91	20.78	20.80	23.80	<=30	Pass
		Inner_1RB_Right	25.17	25.22	28.21	21.06	21.11	24.10	<=30	Pass
	3774.99	Outer_Full	23.25	23.33	26.30	19.14	19.22	22.19	<=30	Pass
		Inner_Full	24.86	24.94	27.91	20.75	20.83	23.80	<=30	Pass
		Inner_1RB_Left	24.81	24.83	27.83	20.70	20.72	23.72	<=30	Pass
		Inner_1RB_Right	25.13	25.32	28.23	21.02	21.21	24.13	<=30	Pass
CP-OFDM 64 QAM	3725.01	Outer_Full	22.68	22.69	25.69	18.57	18.58	21.59	<=30	Pass
		Inner_Full	23.24	23.24	26.25	19.13	19.13	22.14	<=30	Pass
		Inner_1RB_Left	22.99	23.04	26.03	18.88	18.93	21.92	<=30	Pass
		Inner_1RB_Right	23.29	23.29	26.30	19.18	19.18	22.19	<=30	Pass
	3750	Outer_Full	22.63	22.65	25.65	18.52	18.54	21.54	<=30	Pass
		Inner_Full	23.21	23.23	26.23	19.10	19.12	22.12	<=30	Pass
		Inner_1RB_Left	22.87	22.89	25.89	18.76	18.78	21.78	<=30	Pass
		Inner_1RB_Right	23.14	23.19	26.17	19.03	19.08	22.07	<=30	Pass
	3774.99	Outer_Full	22.59	22.68	25.65	18.48	18.57	21.54	<=30	Pass
		Inner_Full	23.23	23.31	26.28	19.12	19.20	22.17	<=30	Pass
		Inner_1RB_Left	22.91	22.94	25.94	18.80	18.83	21.83	<=30	Pass
		Inner_1RB_Right	23.03	23.21	26.13	18.92	19.10	22.02	<=30	Pass
CP-OFDM 256 QAM	3725.01	Outer_Full	19.74	19.75	22.75	15.63	15.64	18.65	<=30	Pass
		Inner_Full	19.79	19.79	22.80	15.68	15.68	18.69	<=30	Pass
		Inner_1RB_Left	19.50	19.54	22.53	15.39	15.43	18.42	<=30	Pass
		Inner_1RB_Right	19.86	19.86	22.87	15.75	15.75	18.76	<=30	Pass
	3750	Outer_Full	19.63	19.66	22.66	15.52	15.55	18.55	<=30	Pass
		Inner_Full	19.80	19.82	22.82	15.69	15.71	18.71	<=30	Pass
		Inner_1RB_Left	19.46	19.49	22.48	15.35	15.38	18.38	<=30	Pass
		Inner_1RB_Right	20.09	20.14	23.13	15.98	16.03	19.02	<=30	Pass
	3774.99	Outer_Full	19.63	19.71	22.68	15.52	15.60	18.57	<=30	Pass
		Inner_Full	19.77	19.84	22.82	15.66	15.73	18.71	<=30	Pass
		Inner_1RB_Left	19.73	19.76	22.76	15.62	15.65	18.65	<=30	Pass
		Inner_1RB_Right	19.72	19.91	22.82	15.61	15.80	18.72	<=30	Pass
Note1: Antenna Gain: Ant1: -4.11dBi; Ant2: -4.11dBi; 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 30_MIMO_60M_NTNV_EIRP

5G NR n78a SCS=30kHz MIMO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3730.02	Outer_Full	25.41	25.43	28.43	21.30	21.32	24.32	<=30	Pass
		Inner_Full	26.91	26.92	29.93	22.80	22.81	25.82	<=30	Pass
		Inner_1RB_Left	26.60	26.65	29.64	22.49	22.54	25.53	<=30	Pass
		Inner_1RB_Right	26.98	26.99	30.00	22.87	22.88	25.89	<=30	Pass
	3750	Outer_Full	25.38	25.40	28.40	21.27	21.29	24.29	<=30	Pass

		Inner_Full	26.95	26.97	29.97	22.84	22.86	25.86	<=30	Pass
		Inner_1RB_Left	26.64	26.64	29.65	22.53	22.53	25.54	<=30	Pass
		Inner_1RB_Right	26.93	27.03	29.99	22.82	22.92	25.88	<=30	Pass
	3769.98	Outer_Full	25.45	25.52	28.50	21.34	21.41	24.39	<=30	Pass
		Inner_Full	26.99	27.05	30.03	22.88	22.94	25.92	<=30	Pass
		Inner_1RB_Left	26.64	26.68	29.67	22.53	22.57	25.56	<=30	Pass
		Inner_1RB_Right	26.86	27.05	29.97	22.75	22.94	25.86	<=30	Pass
DFT-s-OFDM QPSK	3730.02	Outer_Full	24.98	24.99	28.00	20.87	20.88	23.89	<=30	Pass
		Inner_Full	26.82	26.83	29.84	22.71	22.72	25.73	<=30	Pass
		Inner_1RB_Left	26.56	26.61	29.59	22.45	22.50	25.49	<=30	Pass
		Inner_1RB_Right	26.95	26.96	29.96	22.84	22.85	25.86	<=30	Pass
	3750	Outer_Full	24.89	24.92	27.92	20.78	20.81	23.81	<=30	Pass
		Inner_Full	26.91	26.93	29.93	22.80	22.82	25.82	<=30	Pass
		Inner_1RB_Left	26.59	26.60	29.60	22.48	22.49	25.50	<=30	Pass
		Inner_1RB_Right	26.94	27.03	30.00	22.83	22.92	25.89	<=30	Pass
	3769.98	Outer_Full	24.82	24.90	27.87	20.71	20.79	23.76	<=30	Pass
		Inner_Full	26.98	27.03	30.02	22.87	22.92	25.91	<=30	Pass
		Inner_1RB_Left	26.61	26.65	29.64	22.50	22.54	25.53	<=30	Pass
		Inner_1RB_Right	26.96	27.15	30.07	22.85	23.04	25.96	<=30	Pass
DFT-s-OFDM 16 QAM	3730.02	Outer_Full	23.82	23.84	26.84	19.71	19.73	22.73	<=30	Pass
		Inner_Full	25.85	25.86	28.86	21.74	21.75	24.76	<=30	Pass
		Inner_1RB_Left	25.46	25.52	28.50	21.35	21.41	24.39	<=30	Pass
		Inner_1RB_Right	26.14	26.14	29.15	22.03	22.03	25.04	<=30	Pass
	3750	Outer_Full	23.87	23.90	26.90	19.76	19.79	22.79	<=30	Pass
		Inner_Full	25.92	25.93	28.93	21.81	21.82	24.83	<=30	Pass
		Inner_1RB_Left	25.76	25.77	28.77	21.65	21.66	24.67	<=30	Pass
		Inner_1RB_Right	25.96	26.06	29.02	21.85	21.95	24.91	<=30	Pass
	3769.98	Outer_Full	23.87	23.94	26.92	19.76	19.83	22.81	<=30	Pass
		Inner_Full	26.02	26.07	29.06	21.91	21.96	24.95	<=30	Pass
		Inner_1RB_Left	25.67	25.72	28.70	21.56	21.61	24.60	<=30	Pass
		Inner_1RB_Right	25.87	26.06	28.98	21.76	21.95	24.87	<=30	Pass
DFT-s-OFDM 64 QAM	3730.02	Outer_Full	23.38	23.39	26.40	19.27	19.28	22.29	<=30	Pass
		Inner_Full	23.86	23.87	26.88	19.75	19.76	22.77	<=30	Pass
		Inner_1RB_Left	23.33	23.38	26.36	19.22	19.27	22.26	<=30	Pass
		Inner_1RB_Right	23.71	23.72	26.73	19.60	19.61	22.62	<=30	Pass
	3750	Outer_Full	23.34	23.36	26.36	19.23	19.25	22.25	<=30	Pass
		Inner_Full	24.01	24.02	27.03	19.90	19.91	22.92	<=30	Pass
		Inner_1RB_Left	23.47	23.47	26.48	19.36	19.36	22.37	<=30	Pass
		Inner_1RB_Right	23.82	23.92	26.88	19.71	19.81	22.77	<=30	Pass
	3769.98	Outer_Full	23.33	23.41	26.38	19.22	19.30	22.27	<=30	Pass
		Inner_Full	23.97	24.02	27.01	19.86	19.91	22.90	<=30	Pass
		Inner_1RB_Left	23.61	23.66	26.64	19.50	19.55	22.54	<=30	Pass
		Inner_1RB_Right	23.90	24.09	27.01	19.79	19.98	22.90	<=30	Pass
DFT-s-OFDM 256 QAM	3730.02	Outer_Full	21.68	21.70	24.70	17.57	17.59	20.59	<=30	Pass
		Inner_Full	21.78	21.80	24.80	17.67	17.69	20.69	<=30	Pass
		Inner_1RB_Left	21.64	21.69	24.67	17.53	17.58	20.57	<=30	Pass
		Inner_1RB_Right	22.12	22.13	25.14	18.01	18.02	21.03	<=30	Pass
	3750	Outer_Full	21.74	21.77	24.77	17.63	17.66	20.66	<=30	Pass
		Inner_Full	21.82	21.84	24.84	17.71	17.73	20.73	<=30	Pass
		Inner_1RB_Left	21.52	21.52	24.53	17.41	17.41	20.42	<=30	Pass
		Inner_1RB_Right	22.08	22.18	25.14	17.97	18.07	21.03	<=30	Pass
	3769.98	Outer_Full	21.82	21.90	24.87	17.71	17.79	20.76	<=30	Pass
		Inner_Full	21.88	21.94	24.92	17.77	17.83	20.81	<=30	Pass
		Inner_1RB_Left	21.73	21.77	24.76	17.62	17.66	20.65	<=30	Pass
		Inner_1RB_Right	22.27	22.46	25.38	18.16	18.35	21.27	<=30	Pass
CP-OFDM QPSK	3730.02	Outer_Full	23.23	23.25	26.25	19.12	19.14	22.14	<=30	Pass
		Inner_Full	25.38	25.39	28.39	21.27	21.28	24.29	<=30	Pass
		Inner_1RB_Left	24.98	25.03	28.02	20.87	20.92	23.91	<=30	Pass
		Inner_1RB_Right	25.53	25.54	28.55	21.42	21.43	24.44	<=30	Pass

	3750	Outer_Full	23.23	23.26	26.26	19.12	19.15	22.15	<=30	Pass
		Inner_Full	25.49	25.51	28.51	21.38	21.40	24.40	<=30	Pass
		Inner_1RB_Left	25.06	25.06	28.07	20.95	20.95	23.96	<=30	Pass
		Inner_1RB_Right	25.42	25.51	28.48	21.31	21.40	24.37	<=30	Pass
	3769.98	Outer_Full	23.29	23.37	26.34	19.18	19.26	22.23	<=30	Pass
		Inner_Full	25.48	25.54	28.52	21.37	21.43	24.41	<=30	Pass
		Inner_1RB_Left	25.04	25.08	28.07	20.93	20.97	23.96	<=30	Pass
		Inner_1RB_Right	25.49	25.68	28.59	21.38	21.57	24.49	<=30	Pass
CP-OFDM 16 QAM	3730.02	Outer_Full	23.16	23.18	26.18	19.05	19.07	22.07	<=30	Pass
		Inner_Full	24.89	24.90	27.90	20.78	20.79	23.80	<=30	Pass
		Inner_1RB_Left	24.73	24.78	27.76	20.62	20.67	23.66	<=30	Pass
		Inner_1RB_Right	25.11	25.13	28.13	21.00	21.02	24.02	<=30	Pass
	3750	Outer_Full	23.28	23.31	26.30	19.17	19.20	22.20	<=30	Pass
		Inner_Full	24.94	24.95	27.95	20.83	20.84	23.85	<=30	Pass
		Inner_1RB_Left	24.70	24.70	27.71	20.59	20.59	23.60	<=30	Pass
		Inner_1RB_Right	24.91	25.01	27.97	20.80	20.90	23.86	<=30	Pass
	3769.98	Outer_Full	23.28	23.36	26.33	19.17	19.25	22.22	<=30	Pass
		Inner_Full	24.93	24.98	27.96	20.82	20.87	23.86	<=30	Pass
		Inner_1RB_Left	24.62	24.66	27.65	20.51	20.55	23.54	<=30	Pass
		Inner_1RB_Right	24.93	25.11	28.03	20.82	21.00	23.92	<=30	Pass
CP-OFDM 64 QAM	3730.02	Outer_Full	22.72	22.74	25.74	18.61	18.63	21.63	<=30	Pass
		Inner_Full	23.25	23.27	26.27	19.14	19.16	22.16	<=30	Pass
		Inner_1RB_Left	22.97	23.02	26.00	18.86	18.91	21.90	<=30	Pass
		Inner_1RB_Right	23.27	23.28	26.28	19.16	19.17	22.18	<=30	Pass
	3750	Outer_Full	22.79	22.82	25.82	18.68	18.71	21.71	<=30	Pass
		Inner_Full	23.29	23.31	26.31	19.18	19.20	22.20	<=30	Pass
		Inner_1RB_Left	23.01	23.01	26.02	18.90	18.90	21.91	<=30	Pass
		Inner_1RB_Right	23.50	23.59	26.56	19.39	19.48	22.45	<=30	Pass
	3769.98	Outer_Full	22.77	22.85	25.82	18.66	18.74	21.71	<=30	Pass
		Inner_Full	23.36	23.41	26.39	19.25	19.30	22.29	<=30	Pass
		Inner_1RB_Left	23.08	23.12	26.11	18.97	19.01	22.00	<=30	Pass
		Inner_1RB_Right	23.37	23.55	26.47	19.26	19.44	22.36	<=30	Pass
CP-OFDM 256 QAM	3730.02	Outer_Full	19.68	19.71	22.70	15.57	15.60	18.60	<=30	Pass
		Inner_Full	19.74	19.76	22.76	15.63	15.65	18.65	<=30	Pass
		Inner_1RB_Left	19.60	19.66	22.64	15.49	15.55	18.53	<=30	Pass
		Inner_1RB_Right	20.14	20.16	23.16	16.03	16.05	19.05	<=30	Pass
	3750	Outer_Full	19.76	19.79	22.79	15.65	15.68	18.68	<=30	Pass
		Inner_Full	19.78	19.80	22.80	15.67	15.69	18.69	<=30	Pass
		Inner_1RB_Left	19.91	19.91	22.92	15.80	15.80	18.81	<=30	Pass
		Inner_1RB_Right	20.11	20.21	23.17	16.00	16.10	19.06	<=30	Pass
	3769.98	Outer_Full	19.72	19.79	22.77	15.61	15.68	18.66	<=30	Pass
		Inner_Full	19.85	19.90	22.88	15.74	15.79	18.78	<=30	Pass
		Inner_1RB_Left	19.74	19.78	22.77	15.63	15.67	18.66	<=30	Pass
		Inner_1RB_Right	19.81	19.99	22.91	15.70	15.88	18.80	<=30	Pass
Note1: Antenna Gain: Ant1: -4.11dBi; Ant2: -4.11dBi; 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 30_MIMO_70M_NTNV_EIRP

5G NR n78a SCS=30kHz MIMO 70MHz NTN										
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	25.32	25.35	28.35	21.21	21.24	24.24	<=30	Pass
		Inner_Full	26.90	26.92	29.92	22.79	22.81	25.81	<=30	Pass
		Inner_1RB_Left	26.49	26.55	29.53	22.38	22.44	25.42	<=30	Pass
		Inner_1RB_Right	26.99	27.02	30.02	22.88	22.91	25.91	<=30	Pass
	3750	Outer_Full	25.35	25.37	28.37	21.24	21.26	24.26	<=30	Pass

		Inner_Full	26.97	26.98	29.99	22.86	22.87	25.88	<=30	Pass
		Inner_1RB_Left	26.47	26.47	29.48	22.36	22.36	25.37	<=30	Pass
		Inner_1RB_Right	27.00	27.11	30.07	22.89	23.00	25.96	<=30	Pass
	3765	Outer_Full	25.38	25.41	28.40	21.27	21.30	24.30	<=30	Pass
		Inner_Full	26.92	26.93	29.93	22.81	22.82	25.83	<=30	Pass
		Inner_1RB_Left	26.63	26.65	29.65	22.52	22.54	25.54	<=30	Pass
		Inner_1RB_Right	26.95	27.10	30.04	22.84	22.99	25.93	<=30	Pass
DFT-s-OFDM QPSK	3735	Outer_Full	24.88	24.91	27.91	20.77	20.80	23.80	<=30	Pass
		Inner_Full	26.90	26.92	29.92	22.79	22.81	25.81	<=30	Pass
		Inner_1RB_Left	26.43	26.50	29.48	22.32	22.39	25.37	<=30	Pass
		Inner_1RB_Right	26.95	26.99	29.98	22.84	22.88	25.87	<=30	Pass
	3750	Outer_Full	24.84	24.86	27.86	20.73	20.75	23.75	<=30	Pass
		Inner_Full	26.89	26.91	29.91	22.78	22.80	25.80	<=30	Pass
		Inner_1RB_Left	26.51	26.51	29.52	22.40	22.40	25.41	<=30	Pass
		Inner_1RB_Right	26.91	27.03	29.98	22.80	22.92	25.87	<=30	Pass
	3765	Outer_Full	24.88	24.91	27.91	20.77	20.80	23.80	<=30	Pass
		Inner_Full	27.01	27.01	30.02	22.90	22.90	25.91	<=30	Pass
		Inner_1RB_Left	26.56	26.58	29.58	22.45	22.47	25.47	<=30	Pass
		Inner_1RB_Right	26.91	27.06	29.99	22.80	22.95	25.89	<=30	Pass
DFT-s-OFDM 16 QAM	3735	Outer_Full	23.79	23.82	26.81	19.68	19.71	22.71	<=30	Pass
		Inner_Full	25.93	25.95	28.95	21.82	21.84	24.84	<=30	Pass
		Inner_1RB_Left	25.44	25.51	28.49	21.33	21.40	24.38	<=30	Pass
		Inner_1RB_Right	25.99	26.02	29.02	21.88	21.91	24.91	<=30	Pass
	3750	Outer_Full	23.87	23.89	26.89	19.76	19.78	22.78	<=30	Pass
		Inner_Full	25.93	25.94	28.95	21.82	21.83	24.84	<=30	Pass
		Inner_1RB_Left	25.54	25.55	28.56	21.43	21.44	24.45	<=30	Pass
		Inner_1RB_Right	25.96	26.08	29.03	21.85	21.97	24.92	<=30	Pass
	3765	Outer_Full	23.85	23.89	26.88	19.74	19.78	22.77	<=30	Pass
		Inner_Full	26.02	26.03	29.04	21.91	21.92	24.93	<=30	Pass
		Inner_1RB_Left	25.45	25.47	28.47	21.34	21.36	24.36	<=30	Pass
		Inner_1RB_Right	25.98	26.13	29.07	21.87	22.02	24.96	<=30	Pass
DFT-s-OFDM 64 QAM	3735	Outer_Full	23.35	23.38	26.38	19.24	19.27	22.27	<=30	Pass
		Inner_Full	23.84	23.87	26.87	19.73	19.76	22.76	<=30	Pass
		Inner_1RB_Left	23.35	23.42	26.40	19.24	19.31	22.29	<=30	Pass
		Inner_1RB_Right	23.97	24.01	27.00	19.86	19.90	22.89	<=30	Pass
	3750	Outer_Full	23.31	23.33	26.33	19.20	19.22	22.22	<=30	Pass
		Inner_Full	23.97	23.98	26.99	19.86	19.87	22.88	<=30	Pass
		Inner_1RB_Left	23.39	23.39	26.40	19.28	19.28	22.29	<=30	Pass
		Inner_1RB_Right	23.93	24.05	27.00	19.82	19.94	22.89	<=30	Pass
	3765	Outer_Full	23.42	23.45	26.45	19.31	19.34	22.34	<=30	Pass
		Inner_Full	23.94	23.95	26.95	19.83	19.84	22.85	<=30	Pass
		Inner_1RB_Left	23.52	23.54	26.54	19.41	19.43	22.43	<=30	Pass
		Inner_1RB_Right	23.92	24.07	27.01	19.81	19.96	22.90	<=30	Pass
DFT-s-OFDM 256 QAM	3735	Outer_Full	22.24	22.27	25.27	18.13	18.16	21.16	<=30	Pass
		Inner_Full	22.56	22.59	25.59	18.45	18.48	21.48	<=30	Pass
		Inner_1RB_Left	22.07	22.13	25.11	17.96	18.02	21.00	<=30	Pass
		Inner_1RB_Right	23.00	23.04	26.03	18.89	18.93	21.92	<=30	Pass
	3750	Outer_Full	22.02	22.05	25.04	17.91	17.94	20.94	<=30	Pass
		Inner_Full	22.00	22.02	25.02	17.89	17.91	20.91	<=30	Pass
		Inner_1RB_Left	21.56	21.56	24.57	17.45	17.45	20.46	<=30	Pass
		Inner_1RB_Right	22.46	22.58	25.53	18.35	18.47	21.42	<=30	Pass
	3765	Outer_Full	22.28	22.32	25.31	18.17	18.21	21.20	<=30	Pass
		Inner_Full	22.38	22.39	25.40	18.27	18.28	21.29	<=30	Pass
		Inner_1RB_Left	22.10	22.12	25.12	17.99	18.01	21.01	<=30	Pass
		Inner_1RB_Right	22.73	22.89	25.82	18.62	18.78	21.71	<=30	Pass
CP-OFDM QPSK	3735	Outer_Full	22.81	22.84	25.83	18.70	18.73	21.73	<=30	Pass
		Inner_Full	25.37	25.39	28.39	21.26	21.28	24.28	<=30	Pass
		Inner_1RB_Left	24.88	24.94	27.92	20.77	20.83	23.81	<=30	Pass
		Inner_1RB_Right	25.50	25.54	28.53	21.39	21.43	24.42	<=30	Pass