

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 30\_S\_10M\_NTNV\_EIRP

5G NR n77a SCS=30kHz SISO 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	24.74	/	/	24.10	/	/	<=30	Pass
		Inner_Full	26.25	/	/	25.61	/	/	<=30	Pass
		Inner_1RB_Left	26.14	/	/	25.50	/	/	<=30	Pass
		Inner_1RB_Right	26.32	/	/	25.68	/	/	<=30	Pass
	3840	Outer_Full	24.85	/	/	24.21	/	/	<=30	Pass
		Inner_Full	26.43	/	/	25.79	/	/	<=30	Pass
		Inner_1RB_Left	26.36	/	/	25.72	/	/	<=30	Pass
		Inner_1RB_Right	26.56	/	/	25.92	/	/	<=30	Pass
	3975	Outer_Full	24.93	/	/	24.29	/	/	<=30	Pass
		Inner_Full	26.52	/	/	25.88	/	/	<=30	Pass
		Inner_1RB_Left	26.48	/	/	25.84	/	/	<=30	Pass
		Inner_1RB_Right	26.52	/	/	25.88	/	/	<=30	Pass
DFT-s-OFDM QPSK	3705	Outer_Full	24.28	/	/	23.64	/	/	<=30	Pass
		Inner_Full	26.10	/	/	25.46	/	/	<=30	Pass
		Inner_1RB_Left	26.17	/	/	25.53	/	/	<=30	Pass
		Inner_1RB_Right	26.28	/	/	25.64	/	/	<=30	Pass
	3840	Outer_Full	24.35	/	/	23.71	/	/	<=30	Pass
		Inner_Full	26.45	/	/	25.81	/	/	<=30	Pass
		Inner_1RB_Left	26.34	/	/	25.70	/	/	<=30	Pass
		Inner_1RB_Right	26.52	/	/	25.88	/	/	<=30	Pass
	3975	Outer_Full	24.43	/	/	23.79	/	/	<=30	Pass
		Inner_Full	26.53	/	/	25.89	/	/	<=30	Pass
		Inner_1RB_Left	26.51	/	/	25.87	/	/	<=30	Pass
		Inner_1RB_Right	26.57	/	/	25.93	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3705	Outer_Full	23.19	/	/	22.55	/	/	<=30	Pass
		Inner_Full	25.23	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Left	25.10	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Right	25.35	/	/	24.71	/	/	<=30	Pass
	3840	Outer_Full	23.38	/	/	22.74	/	/	<=30	Pass
		Inner_Full	25.38	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Left	25.32	/	/	24.68	/	/	<=30	Pass
		Inner_1RB_Right	25.45	/	/	24.81	/	/	<=30	Pass
	3975	Outer_Full	23.48	/	/	22.84	/	/	<=30	Pass
		Inner_Full	25.44	/	/	24.80	/	/	<=30	Pass
		Inner_1RB_Left	25.45	/	/	24.81	/	/	<=30	Pass
		Inner_1RB_Right	25.56	/	/	24.92	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3705	Outer_Full	22.69	/	/	22.05	/	/	<=30	Pass
		Inner_Full	23.09	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Left	23.14	/	/	22.50	/	/	<=30	Pass
		Inner_1RB_Right	23.27	/	/	22.63	/	/	<=30	Pass
	3840	Outer_Full	22.87	/	/	22.23	/	/	<=30	Pass
		Inner_Full	23.28	/	/	22.64	/	/	<=30	Pass
		Inner_1RB_Left	23.34	/	/	22.70	/	/	<=30	Pass
		Inner_1RB_Right	23.44	/	/	22.80	/	/	<=30	Pass
	3975	Outer_Full	23.00	/	/	22.36	/	/	<=30	Pass
		Inner_Full	23.44	/	/	22.80	/	/	<=30	Pass
		Inner_1RB_Left	23.44	/	/	22.80	/	/	<=30	Pass
		Inner_1RB_Right	23.62	/	/	22.98	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3705	Outer_Full	20.54	/	/	19.90	/	/	<=30	Pass
		Inner_Full	20.63	/	/	19.99	/	/	<=30	Pass
		Inner_1RB_Left	20.45	/	/	19.81	/	/	<=30	Pass

	3840	Inner_1RB_Right	20.57	/	/	19.93	/	/	<=30	Pass
		Outer_Full	20.82	/	/	20.18	/	/	<=30	Pass
		Inner_Full	20.79	/	/	20.15	/	/	<=30	Pass
		Inner_1RB_Left	20.71	/	/	20.07	/	/	<=30	Pass
	3975	Inner_1RB_Right	20.78	/	/	20.14	/	/	<=30	Pass
		Outer_Full	20.87	/	/	20.23	/	/	<=30	Pass
		Inner_Full	20.74	/	/	20.10	/	/	<=30	Pass
		Inner_1RB_Left	20.81	/	/	20.17	/	/	<=30	Pass
CP-OFDM QPSK	3705	Inner_1RB_Right	20.85	/	/	20.21	/	/	<=30	Pass
		Outer_Full	22.23	/	/	21.59	/	/	<=30	Pass
		Inner_Full	24.60	/	/	23.96	/	/	<=30	Pass
		Inner_1RB_Left	24.60	/	/	23.96	/	/	<=30	Pass
	3840	Inner_1RB_Right	24.79	/	/	24.15	/	/	<=30	Pass
		Outer_Full	22.41	/	/	21.77	/	/	<=30	Pass
		Inner_Full	24.89	/	/	24.25	/	/	<=30	Pass
		Inner_1RB_Left	24.92	/	/	24.28	/	/	<=30	Pass
	3975	Inner_1RB_Right	25.02	/	/	24.38	/	/	<=30	Pass
		Outer_Full	22.49	/	/	21.85	/	/	<=30	Pass
		Inner_Full	24.88	/	/	24.24	/	/	<=30	Pass
		Inner_1RB_Left	25.01	/	/	24.37	/	/	<=30	Pass
CP-OFDM 16 QAM	3705	Inner_1RB_Right	25.10	/	/	24.46	/	/	<=30	Pass
		Outer_Full	22.27	/	/	21.63	/	/	<=30	Pass
		Inner_Full	24.20	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Left	24.30	/	/	23.66	/	/	<=30	Pass
	3840	Inner_1RB_Right	24.43	/	/	23.79	/	/	<=30	Pass
		Outer_Full	22.49	/	/	21.85	/	/	<=30	Pass
		Inner_Full	24.43	/	/	23.79	/	/	<=30	Pass
		Inner_1RB_Left	24.45	/	/	23.81	/	/	<=30	Pass
	3975	Inner_1RB_Right	24.61	/	/	23.97	/	/	<=30	Pass
		Outer_Full	22.39	/	/	21.75	/	/	<=30	Pass
		Inner_Full	24.41	/	/	23.77	/	/	<=30	Pass
		Inner_1RB_Left	24.54	/	/	23.90	/	/	<=30	Pass
CP-OFDM 64 QAM	3705	Inner_1RB_Right	24.53	/	/	23.89	/	/	<=30	Pass
		Outer_Full	21.65	/	/	21.01	/	/	<=30	Pass
		Inner_Full	22.11	/	/	21.47	/	/	<=30	Pass
		Inner_1RB_Left	22.23	/	/	21.59	/	/	<=30	Pass
	3840	Inner_1RB_Right	22.40	/	/	21.76	/	/	<=30	Pass
		Outer_Full	21.87	/	/	21.23	/	/	<=30	Pass
		Inner_Full	22.35	/	/	21.71	/	/	<=30	Pass
		Inner_1RB_Left	22.44	/	/	21.80	/	/	<=30	Pass
	3975	Inner_1RB_Right	22.55	/	/	21.91	/	/	<=30	Pass
		Outer_Full	21.92	/	/	21.28	/	/	<=30	Pass
		Inner_Full	22.37	/	/	21.73	/	/	<=30	Pass
		Inner_1RB_Left	22.46	/	/	21.82	/	/	<=30	Pass
CP-OFDM 256 QAM	3705	Inner_1RB_Right	22.53	/	/	21.89	/	/	<=30	Pass
		Outer_Full	18.65	/	/	18.01	/	/	<=30	Pass
		Inner_Full	18.63	/	/	17.99	/	/	<=30	Pass
		Inner_1RB_Left	18.53	/	/	17.89	/	/	<=30	Pass
	3840	Inner_1RB_Right	18.75	/	/	18.11	/	/	<=30	Pass
		Outer_Full	18.78	/	/	18.14	/	/	<=30	Pass
		Inner_Full	18.83	/	/	18.19	/	/	<=30	Pass
		Inner_1RB_Left	18.77	/	/	18.13	/	/	<=30	Pass
	3975	Inner_1RB_Right	18.89	/	/	18.25	/	/	<=30	Pass
		Outer_Full	18.84	/	/	18.20	/	/	<=30	Pass
		Inner_Full	18.81	/	/	18.17	/	/	<=30	Pass
		Inner_1RB_Left	18.82	/	/	18.18	/	/	<=30	Pass
		Inner_1RB_Right	18.88	/	/	18.24	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -0.64dBi; Ant2: -0.64dBi;

Note2: EIRP=Conducted Power+Antenna Gain

## 1.1.2 30\_S\_15M\_NTNV\_EIRP

5G NR n77a SCS=30kHz SISO 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	24.65	/	/	24.01	/	/	<=30	Pass
		Inner_Full	26.28	/	/	25.64	/	/	<=30	Pass
		Inner_1RB_Left	26.19	/	/	25.55	/	/	<=30	Pass
		Inner_1RB_Right	26.27	/	/	25.63	/	/	<=30	Pass
	3840	Outer_Full	24.80	/	/	24.16	/	/	<=30	Pass
		Inner_Full	26.43	/	/	25.79	/	/	<=30	Pass
		Inner_1RB_Left	26.37	/	/	25.73	/	/	<=30	Pass
		Inner_1RB_Right	26.46	/	/	25.82	/	/	<=30	Pass
	3972.48	Outer_Full	24.76	/	/	24.12	/	/	<=30	Pass
		Inner_Full	26.41	/	/	25.77	/	/	<=30	Pass
		Inner_1RB_Left	26.29	/	/	25.65	/	/	<=30	Pass
		Inner_1RB_Right	26.40	/	/	25.76	/	/	<=30	Pass
DFT-s-OFDM QPSK	3707.52	Outer_Full	24.11	/	/	23.47	/	/	<=30	Pass
		Inner_Full	26.28	/	/	25.64	/	/	<=30	Pass
		Inner_1RB_Left	26.20	/	/	25.56	/	/	<=30	Pass
		Inner_1RB_Right	26.30	/	/	25.66	/	/	<=30	Pass
	3840	Outer_Full	24.30	/	/	23.66	/	/	<=30	Pass
		Inner_Full	26.49	/	/	25.85	/	/	<=30	Pass
		Inner_1RB_Left	26.32	/	/	25.68	/	/	<=30	Pass
		Inner_1RB_Right	26.50	/	/	25.86	/	/	<=30	Pass
	3972.48	Outer_Full	24.24	/	/	23.60	/	/	<=30	Pass
		Inner_Full	26.47	/	/	25.83	/	/	<=30	Pass
		Inner_1RB_Left	26.25	/	/	25.61	/	/	<=30	Pass
		Inner_1RB_Right	26.37	/	/	25.73	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3707.52	Outer_Full	23.23	/	/	22.59	/	/	<=30	Pass
		Inner_Full	25.12	/	/	24.48	/	/	<=30	Pass
		Inner_1RB_Left	25.13	/	/	24.49	/	/	<=30	Pass
		Inner_1RB_Right	25.23	/	/	24.59	/	/	<=30	Pass
	3840	Outer_Full	23.38	/	/	22.74	/	/	<=30	Pass
		Inner_Full	25.31	/	/	24.67	/	/	<=30	Pass
		Inner_1RB_Left	25.28	/	/	24.64	/	/	<=30	Pass
		Inner_1RB_Right	25.45	/	/	24.81	/	/	<=30	Pass
	3972.48	Outer_Full	23.28	/	/	22.64	/	/	<=30	Pass
		Inner_Full	25.19	/	/	24.55	/	/	<=30	Pass
		Inner_1RB_Left	25.26	/	/	24.62	/	/	<=30	Pass
		Inner_1RB_Right	25.38	/	/	24.74	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3707.52	Outer_Full	22.63	/	/	21.99	/	/	<=30	Pass
		Inner_Full	23.21	/	/	22.57	/	/	<=30	Pass
		Inner_1RB_Left	23.16	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Right	23.28	/	/	22.64	/	/	<=30	Pass
	3840	Outer_Full	22.79	/	/	22.15	/	/	<=30	Pass
		Inner_Full	23.38	/	/	22.74	/	/	<=30	Pass
		Inner_1RB_Left	23.33	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	22.81	/	/	<=30	Pass
	3972.48	Outer_Full	22.78	/	/	22.14	/	/	<=30	Pass
		Inner_Full	23.27	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Left	23.35	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Right	23.40	/	/	22.76	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3707.52	Outer_Full	20.59	/	/	19.95	/	/	<=30	Pass
		Inner_Full	20.61	/	/	19.97	/	/	<=30	Pass
		Inner_1RB_Left	20.44	/	/	19.80	/	/	<=30	Pass
		Inner_1RB_Right	20.59	/	/	19.95	/	/	<=30	Pass

	3840	Outer_Full	20.83	/	/	20.19	/	/	<=30	Pass
		Inner_Full	20.78	/	/	20.14	/	/	<=30	Pass
		Inner_1RB_Left	20.61	/	/	19.97	/	/	<=30	Pass
		Inner_1RB_Right	20.75	/	/	20.11	/	/	<=30	Pass
	3972.48	Outer_Full	20.76	/	/	20.12	/	/	<=30	Pass
		Inner_Full	20.71	/	/	20.07	/	/	<=30	Pass
		Inner_1RB_Left	20.57	/	/	19.93	/	/	<=30	Pass
		Inner_1RB_Right	20.64	/	/	20.00	/	/	<=30	Pass
CP-OFDM QPSK	3707.52	Outer_Full	22.26	/	/	21.62	/	/	<=30	Pass
		Inner_Full	24.84	/	/	24.20	/	/	<=30	Pass
		Inner_1RB_Left	24.58	/	/	23.94	/	/	<=30	Pass
		Inner_1RB_Right	24.70	/	/	24.06	/	/	<=30	Pass
	3840	Outer_Full	22.38	/	/	21.74	/	/	<=30	Pass
		Inner_Full	25.10	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Left	24.86	/	/	24.22	/	/	<=30	Pass
		Inner_1RB_Right	24.96	/	/	24.32	/	/	<=30	Pass
	3972.48	Outer_Full	22.30	/	/	21.66	/	/	<=30	Pass
		Inner_Full	24.92	/	/	24.28	/	/	<=30	Pass
		Inner_1RB_Left	24.88	/	/	24.24	/	/	<=30	Pass
		Inner_1RB_Right	24.98	/	/	24.34	/	/	<=30	Pass
CP-OFDM 16 QAM	3707.52	Outer_Full	22.30	/	/	21.66	/	/	<=30	Pass
		Inner_Full	24.19	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Left	24.16	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Right	24.33	/	/	23.69	/	/	<=30	Pass
	3840	Outer_Full	22.40	/	/	21.76	/	/	<=30	Pass
		Inner_Full	24.43	/	/	23.79	/	/	<=30	Pass
		Inner_1RB_Left	24.53	/	/	23.89	/	/	<=30	Pass
		Inner_1RB_Right	24.70	/	/	24.06	/	/	<=30	Pass
	3972.48	Outer_Full	22.40	/	/	21.76	/	/	<=30	Pass
		Inner_Full	24.46	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Left	24.44	/	/	23.80	/	/	<=30	Pass
		Inner_1RB_Right	24.46	/	/	23.82	/	/	<=30	Pass
CP-OFDM 64 QAM	3707.52	Outer_Full	21.67	/	/	21.03	/	/	<=30	Pass
		Inner_Full	22.22	/	/	21.58	/	/	<=30	Pass
		Inner_1RB_Left	22.28	/	/	21.64	/	/	<=30	Pass
		Inner_1RB_Right	22.35	/	/	21.71	/	/	<=30	Pass
	3840	Outer_Full	21.79	/	/	21.15	/	/	<=30	Pass
		Inner_Full	22.37	/	/	21.73	/	/	<=30	Pass
		Inner_1RB_Left	22.47	/	/	21.83	/	/	<=30	Pass
		Inner_1RB_Right	22.57	/	/	21.93	/	/	<=30	Pass
	3972.48	Outer_Full	21.80	/	/	21.16	/	/	<=30	Pass
		Inner_Full	22.36	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Left	22.40	/	/	21.76	/	/	<=30	Pass
		Inner_1RB_Right	22.40	/	/	21.76	/	/	<=30	Pass
CP-OFDM 256 QAM	3707.52	Outer_Full	18.64	/	/	18.00	/	/	<=30	Pass
		Inner_Full	18.64	/	/	18.00	/	/	<=30	Pass
		Inner_1RB_Left	18.59	/	/	17.95	/	/	<=30	Pass
		Inner_1RB_Right	18.58	/	/	17.94	/	/	<=30	Pass
	3840	Outer_Full	18.89	/	/	18.25	/	/	<=30	Pass
		Inner_Full	18.82	/	/	18.18	/	/	<=30	Pass
		Inner_1RB_Left	18.79	/	/	18.15	/	/	<=30	Pass
		Inner_1RB_Right	19.01	/	/	18.37	/	/	<=30	Pass
	3972.48	Outer_Full	18.84	/	/	18.20	/	/	<=30	Pass
		Inner_Full	18.79	/	/	18.15	/	/	<=30	Pass
		Inner_1RB_Left	18.66	/	/	18.02	/	/	<=30	Pass
		Inner_1RB_Right	18.74	/	/	18.10	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -0.64dBi; Ant2: -0.64dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30\_S\_20M\_NTNV\_EIRP

5G NR n77a SCS=30kHz SISO 20MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3710.01	Outer_Full	24.74	/	/	24.10	/	/	<=30	Pass
		Inner_Full	26.29	/	/	25.65	/	/	<=30	Pass
		Inner_1RB_Left	26.10	/	/	25.46	/	/	<=30	Pass
		Inner_1RB_Right	26.27	/	/	25.63	/	/	<=30	Pass
	3840	Outer_Full	24.94	/	/	24.30	/	/	<=30	Pass
		Inner_Full	26.43	/	/	25.79	/	/	<=30	Pass
		Inner_1RB_Left	26.23	/	/	25.59	/	/	<=30	Pass
		Inner_1RB_Right	26.48	/	/	25.84	/	/	<=30	Pass
	3969.99	Outer_Full	24.89	/	/	24.25	/	/	<=30	Pass
		Inner_Full	26.43	/	/	25.79	/	/	<=30	Pass
		Inner_1RB_Left	26.28	/	/	25.64	/	/	<=30	Pass
		Inner_1RB_Right	26.36	/	/	25.72	/	/	<=30	Pass
DFT-s-OFDM QPSK	3710.01	Outer_Full	24.24	/	/	23.60	/	/	<=30	Pass
		Inner_Full	26.22	/	/	25.58	/	/	<=30	Pass
		Inner_1RB_Left	26.06	/	/	25.42	/	/	<=30	Pass
		Inner_1RB_Right	26.20	/	/	25.56	/	/	<=30	Pass
	3840	Outer_Full	24.42	/	/	23.78	/	/	<=30	Pass
		Inner_Full	26.45	/	/	25.81	/	/	<=30	Pass
		Inner_1RB_Left	26.22	/	/	25.58	/	/	<=30	Pass
		Inner_1RB_Right	26.43	/	/	25.79	/	/	<=30	Pass
	3969.99	Outer_Full	24.43	/	/	23.79	/	/	<=30	Pass
		Inner_Full	26.39	/	/	25.75	/	/	<=30	Pass
		Inner_1RB_Left	26.25	/	/	25.61	/	/	<=30	Pass
		Inner_1RB_Right	26.41	/	/	25.77	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Outer_Full	23.20	/	/	22.56	/	/	<=30	Pass
		Inner_Full	25.20	/	/	24.56	/	/	<=30	Pass
		Inner_1RB_Left	25.05	/	/	24.41	/	/	<=30	Pass
		Inner_1RB_Right	25.17	/	/	24.53	/	/	<=30	Pass
	3840	Outer_Full	23.39	/	/	22.75	/	/	<=30	Pass
		Inner_Full	25.37	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Left	25.23	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Right	25.47	/	/	24.83	/	/	<=30	Pass
	3969.99	Outer_Full	23.35	/	/	22.71	/	/	<=30	Pass
		Inner_Full	25.36	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Left	25.13	/	/	24.49	/	/	<=30	Pass
		Inner_1RB_Right	25.28	/	/	24.64	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3710.01	Outer_Full	22.68	/	/	22.04	/	/	<=30	Pass
		Inner_Full	23.21	/	/	22.57	/	/	<=30	Pass
		Inner_1RB_Left	22.97	/	/	22.33	/	/	<=30	Pass
		Inner_1RB_Right	23.15	/	/	22.51	/	/	<=30	Pass
	3840	Outer_Full	22.88	/	/	22.24	/	/	<=30	Pass
		Inner_Full	23.34	/	/	22.70	/	/	<=30	Pass
		Inner_1RB_Left	23.16	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Right	23.37	/	/	22.73	/	/	<=30	Pass
	3969.99	Outer_Full	22.80	/	/	22.16	/	/	<=30	Pass
		Inner_Full	23.35	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Left	23.21	/	/	22.57	/	/	<=30	Pass
		Inner_1RB_Right	23.36	/	/	22.72	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3710.01	Outer_Full	20.66	/	/	20.02	/	/	<=30	Pass
		Inner_Full	20.67	/	/	20.03	/	/	<=30	Pass
		Inner_1RB_Left	20.41	/	/	19.77	/	/	<=30	Pass
		Inner_1RB_Right	20.59	/	/	19.95	/	/	<=30	Pass
	3840	Outer_Full	20.85	/	/	20.21	/	/	<=30	Pass
		Inner_Full	20.74	/	/	20.10	/	/	<=30	Pass

	3969.99	Inner_1RB_Left	20.59	/	/	19.95	/	/	<=30	Pass	
		Inner_1RB_Right	20.83	/	/	20.19	/	/	<=30	Pass	
		Outer_Full	20.84	/	/	20.20	/	/	<=30	Pass	
		Inner_Full	20.81	/	/	20.17	/	/	<=30	Pass	
		Inner_1RB_Left	20.56	/	/	19.92	/	/	<=30	Pass	
CP-OFDM QPSK	3710.01	Inner_1RB_Right	20.68	/	/	20.04	/	/	<=30	Pass	
		Outer_Full	22.21	/	/	21.57	/	/	<=30	Pass	
		Inner_Full	24.62	/	/	23.98	/	/	<=30	Pass	
		Inner_1RB_Left	24.59	/	/	23.95	/	/	<=30	Pass	
	3840	Inner_1RB_Right	24.63	/	/	23.99	/	/	<=30	Pass	
		Outer_Full	22.43	/	/	21.79	/	/	<=30	Pass	
		Inner_Full	24.98	/	/	24.34	/	/	<=30	Pass	
		Inner_1RB_Left	24.76	/	/	24.12	/	/	<=30	Pass	
	3969.99	Inner_1RB_Right	24.97	/	/	24.33	/	/	<=30	Pass	
		Outer_Full	22.37	/	/	21.73	/	/	<=30	Pass	
		Inner_Full	24.91	/	/	24.27	/	/	<=30	Pass	
		Inner_1RB_Left	24.81	/	/	24.17	/	/	<=30	Pass	
	CP-OFDM 16 QAM	3710.01	Inner_1RB_Right	24.93	/	/	24.29	/	/	<=30	Pass
			Outer_Full	22.13	/	/	21.49	/	/	<=30	Pass
Inner_Full			24.07	/	/	23.43	/	/	<=30	Pass	
Inner_1RB_Left			24.06	/	/	23.42	/	/	<=30	Pass	
3840		Inner_1RB_Right	24.29	/	/	23.65	/	/	<=30	Pass	
		Outer_Full	22.34	/	/	21.70	/	/	<=30	Pass	
		Inner_Full	24.45	/	/	23.81	/	/	<=30	Pass	
		Inner_1RB_Left	24.40	/	/	23.76	/	/	<=30	Pass	
3969.99		Inner_1RB_Right	24.59	/	/	23.95	/	/	<=30	Pass	
		Outer_Full	22.28	/	/	21.64	/	/	<=30	Pass	
		Inner_Full	24.47	/	/	23.83	/	/	<=30	Pass	
		Inner_1RB_Left	24.43	/	/	23.79	/	/	<=30	Pass	
CP-OFDM 64 QAM		3710.01	Inner_1RB_Right	24.57	/	/	23.93	/	/	<=30	Pass
			Outer_Full	21.70	/	/	21.06	/	/	<=30	Pass
	Inner_Full		22.24	/	/	21.60	/	/	<=30	Pass	
	Inner_1RB_Left		22.16	/	/	21.52	/	/	<=30	Pass	
	3840	Inner_1RB_Right	22.18	/	/	21.54	/	/	<=30	Pass	
		Outer_Full	21.81	/	/	21.17	/	/	<=30	Pass	
		Inner_Full	22.39	/	/	21.75	/	/	<=30	Pass	
		Inner_1RB_Left	22.32	/	/	21.68	/	/	<=30	Pass	
	3969.99	Inner_1RB_Right	22.51	/	/	21.87	/	/	<=30	Pass	
		Outer_Full	21.84	/	/	21.20	/	/	<=30	Pass	
		Inner_Full	22.37	/	/	21.73	/	/	<=30	Pass	
		Inner_1RB_Left	22.30	/	/	21.66	/	/	<=30	Pass	
	CP-OFDM 256 QAM	3710.01	Inner_1RB_Right	22.40	/	/	21.76	/	/	<=30	Pass
			Outer_Full	18.68	/	/	18.04	/	/	<=30	Pass
Inner_Full			18.56	/	/	17.92	/	/	<=30	Pass	
Inner_1RB_Left			18.53	/	/	17.89	/	/	<=30	Pass	
3840		Inner_1RB_Right	18.56	/	/	17.92	/	/	<=30	Pass	
		Outer_Full	18.90	/	/	18.26	/	/	<=30	Pass	
		Inner_Full	18.88	/	/	18.24	/	/	<=30	Pass	
		Inner_1RB_Left	18.62	/	/	17.98	/	/	<=30	Pass	
3969.99		Inner_1RB_Right	18.88	/	/	18.24	/	/	<=30	Pass	
		Outer_Full	18.79	/	/	18.15	/	/	<=30	Pass	
		Inner_Full	18.85	/	/	18.21	/	/	<=30	Pass	
		Inner_1RB_Left	18.60	/	/	17.96	/	/	<=30	Pass	
			Inner_1RB_Right	18.70	/	/	18.06	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -0.64dBi; Ant2: -0.64dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.4 30\_S\_25M\_NTNV\_EIRP

5G NR n77a SCS=30kHz SISO 25MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3712.5	Outer_Full	24.70	/	/	24.06	/	/	<=30	Pass
		Inner_Full	26.22	/	/	25.58	/	/	<=30	Pass
		Inner_1RB_Left	26.26	/	/	25.62	/	/	<=30	Pass
		Inner_1RB_Right	26.29	/	/	25.65	/	/	<=30	Pass
	3840	Outer_Full	24.96	/	/	24.32	/	/	<=30	Pass
		Inner_Full	26.48	/	/	25.84	/	/	<=30	Pass
		Inner_1RB_Left	26.36	/	/	25.72	/	/	<=30	Pass
		Inner_1RB_Right	26.71	/	/	26.07	/	/	<=30	Pass
	3967.5	Outer_Full	24.91	/	/	24.27	/	/	<=30	Pass
		Inner_Full	26.53	/	/	25.89	/	/	<=30	Pass
		Inner_1RB_Left	26.31	/	/	25.67	/	/	<=30	Pass
		Inner_1RB_Right	26.65	/	/	26.01	/	/	<=30	Pass
DFT-s-OFDM QPSK	3712.5	Outer_Full	24.29	/	/	23.65	/	/	<=30	Pass
		Inner_Full	26.07	/	/	25.43	/	/	<=30	Pass
		Inner_1RB_Left	26.17	/	/	25.53	/	/	<=30	Pass
		Inner_1RB_Right	26.23	/	/	25.59	/	/	<=30	Pass
	3840	Outer_Full	24.40	/	/	23.76	/	/	<=30	Pass
		Inner_Full	26.48	/	/	25.84	/	/	<=30	Pass
		Inner_1RB_Left	26.35	/	/	25.71	/	/	<=30	Pass
		Inner_1RB_Right	26.68	/	/	26.04	/	/	<=30	Pass
	3967.5	Outer_Full	24.38	/	/	23.74	/	/	<=30	Pass
		Inner_Full	26.42	/	/	25.78	/	/	<=30	Pass
		Inner_1RB_Left	26.35	/	/	25.71	/	/	<=30	Pass
		Inner_1RB_Right	26.58	/	/	25.94	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3712.5	Outer_Full	23.12	/	/	22.48	/	/	<=30	Pass
		Inner_Full	25.35	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Left	25.25	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Right	25.32	/	/	24.68	/	/	<=30	Pass
	3840	Outer_Full	23.48	/	/	22.84	/	/	<=30	Pass
		Inner_Full	25.42	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Left	25.27	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Right	25.54	/	/	24.90	/	/	<=30	Pass
	3967.5	Outer_Full	23.40	/	/	22.76	/	/	<=30	Pass
		Inner_Full	25.44	/	/	24.80	/	/	<=30	Pass
		Inner_1RB_Left	25.24	/	/	24.60	/	/	<=30	Pass
		Inner_1RB_Right	25.50	/	/	24.86	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3712.5	Outer_Full	22.70	/	/	22.06	/	/	<=30	Pass
		Inner_Full	23.17	/	/	22.53	/	/	<=30	Pass
		Inner_1RB_Left	23.05	/	/	22.41	/	/	<=30	Pass
		Inner_1RB_Right	23.24	/	/	22.60	/	/	<=30	Pass
	3840	Outer_Full	22.97	/	/	22.33	/	/	<=30	Pass
		Inner_Full	23.45	/	/	22.81	/	/	<=30	Pass
		Inner_1RB_Left	23.35	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Right	23.66	/	/	23.02	/	/	<=30	Pass
	3967.5	Outer_Full	22.96	/	/	22.32	/	/	<=30	Pass
		Inner_Full	23.42	/	/	22.78	/	/	<=30	Pass
		Inner_1RB_Left	23.28	/	/	22.64	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	22.85	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3712.5	Outer_Full	20.62	/	/	19.98	/	/	<=30	Pass
		Inner_Full	20.64	/	/	20.00	/	/	<=30	Pass
		Inner_1RB_Left	20.45	/	/	19.81	/	/	<=30	Pass
		Inner_1RB_Right	20.62	/	/	19.98	/	/	<=30	Pass
	3840	Outer_Full	20.88	/	/	20.24	/	/	<=30	Pass
		Inner_Full	20.90	/	/	20.26	/	/	<=30	Pass
		Inner_1RB_Left	20.80	/	/	20.16	/	/	<=30	Pass
		Inner_1RB_Right	21.12	/	/	20.48	/	/	<=30	Pass

	3967.5	Outer_Full	20.86	/	/	20.22	/	/	<=30	Pass
		Inner_Full	20.87	/	/	20.23	/	/	<=30	Pass
		Inner_1RB_Left	20.63	/	/	19.99	/	/	<=30	Pass
		Inner_1RB_Right	20.91	/	/	20.27	/	/	<=30	Pass
CP-OFDM QPSK	3712.5	Outer_Full	22.22	/	/	21.58	/	/	<=30	Pass
		Inner_Full	24.75	/	/	24.11	/	/	<=30	Pass
		Inner_1RB_Left	24.59	/	/	23.95	/	/	<=30	Pass
		Inner_1RB_Right	24.86	/	/	24.22	/	/	<=30	Pass
	3840	Outer_Full	22.51	/	/	21.87	/	/	<=30	Pass
		Inner_Full	25.15	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Left	24.90	/	/	24.26	/	/	<=30	Pass
		Inner_1RB_Right	25.19	/	/	24.55	/	/	<=30	Pass
	3967.5	Outer_Full	22.45	/	/	21.81	/	/	<=30	Pass
		Inner_Full	25.03	/	/	24.39	/	/	<=30	Pass
		Inner_1RB_Left	24.83	/	/	24.19	/	/	<=30	Pass
		Inner_1RB_Right	25.07	/	/	24.43	/	/	<=30	Pass
CP-OFDM 16 QAM	3712.5	Outer_Full	22.16	/	/	21.52	/	/	<=30	Pass
		Inner_Full	24.21	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Left	24.17	/	/	23.53	/	/	<=30	Pass
		Inner_1RB_Right	24.52	/	/	23.88	/	/	<=30	Pass
	3840	Outer_Full	22.43	/	/	21.79	/	/	<=30	Pass
		Inner_Full	24.44	/	/	23.80	/	/	<=30	Pass
		Inner_1RB_Left	24.51	/	/	23.87	/	/	<=30	Pass
		Inner_1RB_Right	24.66	/	/	24.02	/	/	<=30	Pass
	3967.5	Outer_Full	22.34	/	/	21.70	/	/	<=30	Pass
		Inner_Full	24.42	/	/	23.78	/	/	<=30	Pass
		Inner_1RB_Left	24.45	/	/	23.81	/	/	<=30	Pass
		Inner_1RB_Right	24.73	/	/	24.09	/	/	<=30	Pass
CP-OFDM 64 QAM	3712.5	Outer_Full	21.66	/	/	21.02	/	/	<=30	Pass
		Inner_Full	22.16	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Left	22.19	/	/	21.55	/	/	<=30	Pass
		Inner_1RB_Right	22.35	/	/	21.71	/	/	<=30	Pass
	3840	Outer_Full	21.88	/	/	21.24	/	/	<=30	Pass
		Inner_Full	22.52	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Left	22.48	/	/	21.84	/	/	<=30	Pass
		Inner_1RB_Right	22.66	/	/	22.02	/	/	<=30	Pass
	3967.5	Outer_Full	21.92	/	/	21.28	/	/	<=30	Pass
		Inner_Full	22.46	/	/	21.82	/	/	<=30	Pass
		Inner_1RB_Left	22.36	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Right	22.68	/	/	22.04	/	/	<=30	Pass
CP-OFDM 256 QAM	3712.5	Outer_Full	18.70	/	/	18.06	/	/	<=30	Pass
		Inner_Full	18.69	/	/	18.05	/	/	<=30	Pass
		Inner_1RB_Left	18.57	/	/	17.93	/	/	<=30	Pass
		Inner_1RB_Right	18.72	/	/	18.08	/	/	<=30	Pass
	3840	Outer_Full	18.92	/	/	18.28	/	/	<=30	Pass
		Inner_Full	18.98	/	/	18.34	/	/	<=30	Pass
		Inner_1RB_Left	18.74	/	/	18.10	/	/	<=30	Pass
		Inner_1RB_Right	19.04	/	/	18.40	/	/	<=30	Pass
	3967.5	Outer_Full	18.93	/	/	18.29	/	/	<=30	Pass
		Inner_Full	18.86	/	/	18.22	/	/	<=30	Pass
		Inner_1RB_Left	18.77	/	/	18.13	/	/	<=30	Pass
		Inner_1RB_Right	18.94	/	/	18.30	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -0.64dBi; Ant2: -0.64dBi;

Note2: EIRP=Conducted Power+Antenna Gain

### 1.1.5 30\_S\_30M\_NTNV\_EIRP

5G NR n77a SCS=30kHz SISO 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	24.76	/	/	24.12	/	/	<=30	Pass
		Inner_Full	26.21	/	/	25.57	/	/	<=30	Pass
		Inner_1RB_Left	26.17	/	/	25.53	/	/	<=30	Pass
		Inner_1RB_Right	26.34	/	/	25.70	/	/	<=30	Pass
	3840	Outer_Full	24.87	/	/	24.23	/	/	<=30	Pass
		Inner_Full	26.47	/	/	25.83	/	/	<=30	Pass
		Inner_1RB_Left	26.39	/	/	25.75	/	/	<=30	Pass
		Inner_1RB_Right	26.69	/	/	26.05	/	/	<=30	Pass
	3964.98	Outer_Full	24.84	/	/	24.20	/	/	<=30	Pass
		Inner_Full	26.46	/	/	25.82	/	/	<=30	Pass
		Inner_1RB_Left	26.41	/	/	25.77	/	/	<=30	Pass
		Inner_1RB_Right	26.66	/	/	26.02	/	/	<=30	Pass
DFT-s-OFDM QPSK	3715.02	Outer_Full	24.13	/	/	23.49	/	/	<=30	Pass
		Inner_Full	26.18	/	/	25.54	/	/	<=30	Pass
		Inner_1RB_Left	26.12	/	/	25.48	/	/	<=30	Pass
		Inner_1RB_Right	26.38	/	/	25.74	/	/	<=30	Pass
	3840	Outer_Full	24.38	/	/	23.74	/	/	<=30	Pass
		Inner_Full	26.53	/	/	25.89	/	/	<=30	Pass
		Inner_1RB_Left	26.38	/	/	25.74	/	/	<=30	Pass
		Inner_1RB_Right	26.68	/	/	26.04	/	/	<=30	Pass
	3964.98	Outer_Full	24.39	/	/	23.75	/	/	<=30	Pass
		Inner_Full	26.43	/	/	25.79	/	/	<=30	Pass
		Inner_1RB_Left	26.29	/	/	25.65	/	/	<=30	Pass
		Inner_1RB_Right	26.66	/	/	26.02	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.02	Outer_Full	23.13	/	/	22.49	/	/	<=30	Pass
		Inner_Full	25.21	/	/	24.57	/	/	<=30	Pass
		Inner_1RB_Left	25.09	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Right	25.33	/	/	24.69	/	/	<=30	Pass
	3840	Outer_Full	23.44	/	/	22.80	/	/	<=30	Pass
		Inner_Full	25.41	/	/	24.77	/	/	<=30	Pass
		Inner_1RB_Left	25.29	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Right	25.60	/	/	24.96	/	/	<=30	Pass
	3964.98	Outer_Full	23.37	/	/	22.73	/	/	<=30	Pass
		Inner_Full	25.36	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Left	25.29	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Right	25.57	/	/	24.93	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3715.02	Outer_Full	22.74	/	/	22.10	/	/	<=30	Pass
		Inner_Full	23.17	/	/	22.53	/	/	<=30	Pass
		Inner_1RB_Left	23.01	/	/	22.37	/	/	<=30	Pass
		Inner_1RB_Right	23.30	/	/	22.66	/	/	<=30	Pass
	3840	Outer_Full	22.97	/	/	22.33	/	/	<=30	Pass
		Inner_Full	23.47	/	/	22.83	/	/	<=30	Pass
		Inner_1RB_Left	23.35	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Right	23.67	/	/	23.03	/	/	<=30	Pass
	3964.98	Outer_Full	22.97	/	/	22.33	/	/	<=30	Pass
		Inner_Full	23.34	/	/	22.70	/	/	<=30	Pass
		Inner_1RB_Left	23.31	/	/	22.67	/	/	<=30	Pass
		Inner_1RB_Right	23.65	/	/	23.01	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3715.02	Outer_Full	20.66	/	/	20.02	/	/	<=30	Pass
		Inner_Full	20.59	/	/	19.95	/	/	<=30	Pass
		Inner_1RB_Left	20.44	/	/	19.80	/	/	<=30	Pass
		Inner_1RB_Right	20.66	/	/	20.02	/	/	<=30	Pass
	3840	Outer_Full	20.96	/	/	20.32	/	/	<=30	Pass
		Inner_Full	20.87	/	/	20.23	/	/	<=30	Pass
		Inner_1RB_Left	20.72	/	/	20.08	/	/	<=30	Pass
	3964.98	Inner_1RB_Right	20.95	/	/	20.31	/	/	<=30	Pass
		Outer_Full	20.84	/	/	20.20	/	/	<=30	Pass

		Inner_Full	20.83	/	/	20.19	/	/	<=30	Pass	
		Inner_1RB_Left	20.65	/	/	20.01	/	/	<=30	Pass	
		Inner_1RB_Right	21.01	/	/	20.37	/	/	<=30	Pass	
CP-OFDM QPSK	3715.02	Outer_Full	22.18	/	/	21.54	/	/	<=30	Pass	
		Inner_Full	24.73	/	/	24.09	/	/	<=30	Pass	
		Inner_1RB_Left	24.61	/	/	23.97	/	/	<=30	Pass	
			Inner_1RB_Right	24.79	/	/	24.15	/	/	<=30	Pass
	3840	Outer_Full	22.48	/	/	21.84	/	/	<=30	Pass	
		Inner_Full	25.07	/	/	24.43	/	/	<=30	Pass	
		Inner_1RB_Left	24.92	/	/	24.28	/	/	<=30	Pass	
			Inner_1RB_Right	25.18	/	/	24.54	/	/	<=30	Pass
	3964.98	Outer_Full	22.38	/	/	21.74	/	/	<=30	Pass	
		Inner_Full	24.92	/	/	24.28	/	/	<=30	Pass	
		Inner_1RB_Left	24.74	/	/	24.10	/	/	<=30	Pass	
			Inner_1RB_Right	25.10	/	/	24.46	/	/	<=30	Pass
CP-OFDM 16 QAM	3715.02	Outer_Full	22.16	/	/	21.52	/	/	<=30	Pass	
		Inner_Full	24.26	/	/	23.62	/	/	<=30	Pass	
		Inner_1RB_Left	24.29	/	/	23.65	/	/	<=30	Pass	
			Inner_1RB_Right	24.59	/	/	23.95	/	/	<=30	Pass
	3840	Outer_Full	22.41	/	/	21.77	/	/	<=30	Pass	
		Inner_Full	24.47	/	/	23.83	/	/	<=30	Pass	
		Inner_1RB_Left	24.45	/	/	23.81	/	/	<=30	Pass	
			Inner_1RB_Right	24.62	/	/	23.98	/	/	<=30	Pass
	3964.98	Outer_Full	22.39	/	/	21.75	/	/	<=30	Pass	
		Inner_Full	24.45	/	/	23.81	/	/	<=30	Pass	
		Inner_1RB_Left	24.55	/	/	23.91	/	/	<=30	Pass	
			Inner_1RB_Right	24.71	/	/	24.07	/	/	<=30	Pass
CP-OFDM 64 QAM	3715.02	Outer_Full	21.66	/	/	21.02	/	/	<=30	Pass	
		Inner_Full	22.18	/	/	21.54	/	/	<=30	Pass	
		Inner_1RB_Left	22.25	/	/	21.61	/	/	<=30	Pass	
			Inner_1RB_Right	22.42	/	/	21.78	/	/	<=30	Pass
	3840	Outer_Full	21.93	/	/	21.29	/	/	<=30	Pass	
		Inner_Full	22.43	/	/	21.79	/	/	<=30	Pass	
		Inner_1RB_Left	22.40	/	/	21.76	/	/	<=30	Pass	
			Inner_1RB_Right	22.72	/	/	22.08	/	/	<=30	Pass
	3964.98	Outer_Full	21.91	/	/	21.27	/	/	<=30	Pass	
		Inner_Full	22.37	/	/	21.73	/	/	<=30	Pass	
		Inner_1RB_Left	22.49	/	/	21.85	/	/	<=30	Pass	
			Inner_1RB_Right	22.72	/	/	22.08	/	/	<=30	Pass
CP-OFDM 256 QAM	3715.02	Outer_Full	18.68	/	/	18.04	/	/	<=30	Pass	
		Inner_Full	18.65	/	/	18.01	/	/	<=30	Pass	
		Inner_1RB_Left	18.50	/	/	17.86	/	/	<=30	Pass	
			Inner_1RB_Right	18.74	/	/	18.10	/	/	<=30	Pass
	3840	Outer_Full	18.96	/	/	18.32	/	/	<=30	Pass	
		Inner_Full	18.93	/	/	18.29	/	/	<=30	Pass	
		Inner_1RB_Left	18.75	/	/	18.11	/	/	<=30	Pass	
			Inner_1RB_Right	18.95	/	/	18.31	/	/	<=30	Pass
	3964.98	Outer_Full	18.95	/	/	18.31	/	/	<=30	Pass	
		Inner_Full	18.89	/	/	18.25	/	/	<=30	Pass	
		Inner_1RB_Left	18.76	/	/	18.12	/	/	<=30	Pass	
			Inner_1RB_Right	18.95	/	/	18.31	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -0.64dBi; Ant2: -0.64dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.6 30\_S\_40M\_NTNV\_EIRP

5G NR n77a SCS=30kHz SISO 40MHz NTN					
Modulation	Frequency	RB	Conducted Power(dBm)	EIRP(dBm)	Verdict

	(MHz)	Allocation	Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3720	Outer_Full	24.69	/	/	24.05	/	/	<=30	Pass
		Inner_Full	26.24	/	/	25.60	/	/	<=30	Pass
		Inner_1RB_Left	26.13	/	/	25.49	/	/	<=30	Pass
		Inner_1RB_Right	26.48	/	/	25.84	/	/	<=30	Pass
	3840	Outer_Full	24.98	/	/	24.34	/	/	<=30	Pass
		Inner_Full	26.49	/	/	25.85	/	/	<=30	Pass
		Inner_1RB_Left	26.22	/	/	25.58	/	/	<=30	Pass
		Inner_1RB_Right	26.61	/	/	25.97	/	/	<=30	Pass
	3960	Outer_Full	25.03	/	/	24.39	/	/	<=30	Pass
		Inner_Full	26.54	/	/	25.90	/	/	<=30	Pass
		Inner_1RB_Left	26.29	/	/	25.65	/	/	<=30	Pass
		Inner_1RB_Right	26.61	/	/	25.97	/	/	<=30	Pass
DFT-s-OFDM QPSK	3720	Outer_Full	24.26	/	/	23.62	/	/	<=30	Pass
		Inner_Full	26.28	/	/	25.64	/	/	<=30	Pass
		Inner_1RB_Left	26.16	/	/	25.52	/	/	<=30	Pass
		Inner_1RB_Right	26.43	/	/	25.79	/	/	<=30	Pass
	3840	Outer_Full	24.51	/	/	23.87	/	/	<=30	Pass
		Inner_Full	26.51	/	/	25.87	/	/	<=30	Pass
		Inner_1RB_Left	26.14	/	/	25.50	/	/	<=30	Pass
		Inner_1RB_Right	26.57	/	/	25.93	/	/	<=30	Pass
	3960	Outer_Full	24.52	/	/	23.88	/	/	<=30	Pass
		Inner_Full	26.52	/	/	25.88	/	/	<=30	Pass
		Inner_1RB_Left	26.20	/	/	25.56	/	/	<=30	Pass
		Inner_1RB_Right	26.64	/	/	26.00	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Outer_Full	23.18	/	/	22.54	/	/	<=30	Pass
		Inner_Full	25.24	/	/	24.60	/	/	<=30	Pass
		Inner_1RB_Left	25.05	/	/	24.41	/	/	<=30	Pass
		Inner_1RB_Right	25.49	/	/	24.85	/	/	<=30	Pass
	3840	Outer_Full	23.40	/	/	22.76	/	/	<=30	Pass
		Inner_Full	25.41	/	/	24.77	/	/	<=30	Pass
		Inner_1RB_Left	25.09	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Right	25.61	/	/	24.97	/	/	<=30	Pass
	3960	Outer_Full	23.41	/	/	22.77	/	/	<=30	Pass
		Inner_Full	25.39	/	/	24.75	/	/	<=30	Pass
		Inner_1RB_Left	25.22	/	/	24.58	/	/	<=30	Pass
		Inner_1RB_Right	25.66	/	/	25.02	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Outer_Full	22.66	/	/	22.02	/	/	<=30	Pass
		Inner_Full	23.22	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Left	22.96	/	/	22.32	/	/	<=30	Pass
		Inner_1RB_Right	23.34	/	/	22.70	/	/	<=30	Pass
	3840	Outer_Full	22.98	/	/	22.34	/	/	<=30	Pass
		Inner_Full	23.49	/	/	22.85	/	/	<=30	Pass
		Inner_1RB_Left	23.06	/	/	22.42	/	/	<=30	Pass
		Inner_1RB_Right	23.51	/	/	22.87	/	/	<=30	Pass
	3960	Outer_Full	22.94	/	/	22.30	/	/	<=30	Pass
		Inner_Full	23.38	/	/	22.74	/	/	<=30	Pass
		Inner_1RB_Left	23.17	/	/	22.53	/	/	<=30	Pass
		Inner_1RB_Right	23.60	/	/	22.96	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3720	Outer_Full	20.71	/	/	20.07	/	/	<=30	Pass
		Inner_Full	20.67	/	/	20.03	/	/	<=30	Pass
		Inner_1RB_Left	20.36	/	/	19.72	/	/	<=30	Pass
		Inner_1RB_Right	20.73	/	/	20.09	/	/	<=30	Pass
	3840	Outer_Full	21.00	/	/	20.36	/	/	<=30	Pass
		Inner_Full	20.92	/	/	20.28	/	/	<=30	Pass
		Inner_1RB_Left	20.40	/	/	19.76	/	/	<=30	Pass
	3960	Inner_1RB_Right	20.90	/	/	20.26	/	/	<=30	Pass
		Outer_Full	20.97	/	/	20.33	/	/	<=30	Pass
		Inner_Full	20.86	/	/	20.22	/	/	<=30	Pass

CP-OFDM QPSK		Inner_1RB_Left	20.61	/	/	19.97	/	/	<=30	Pass
		Inner_1RB_Right	20.91	/	/	20.27	/	/	<=30	Pass
	3720	Outer_Full	22.21	/	/	21.57	/	/	<=30	Pass
			Inner_Full	24.75	/	/	24.11	/	/	<=30
		Inner_1RB_Left	24.51	/	/	23.87	/	/	<=30	Pass
			Inner_1RB_Right	24.91	/	/	24.27	/	/	<=30
	3840	Outer_Full	22.52	/	/	21.88	/	/	<=30	Pass
			Inner_Full	25.06	/	/	24.42	/	/	<=30
		Inner_1RB_Left	24.69	/	/	24.05	/	/	<=30	Pass
			Inner_1RB_Right	25.08	/	/	24.44	/	/	<=30
	3960	Outer_Full	22.48	/	/	21.84	/	/	<=30	Pass
			Inner_Full	25.04	/	/	24.40	/	/	<=30
Inner_1RB_Left		24.79	/	/	24.15	/	/	<=30	Pass	
		Inner_1RB_Right	25.19	/	/	24.55	/	/	<=30	Pass
CP-OFDM 16 QAM	3720	Outer_Full	22.22	/	/	21.58	/	/	<=30	Pass
		Inner_Full	24.30	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Left	24.07	/	/	23.43	/	/	<=30	Pass
		Inner_1RB_Right	24.51	/	/	23.87	/	/	<=30	Pass
	3840	Outer_Full	22.46	/	/	21.82	/	/	<=30	Pass
			Inner_Full	24.55	/	/	23.91	/	/	<=30
		Inner_1RB_Left	24.37	/	/	23.73	/	/	<=30	Pass
			Inner_1RB_Right	24.71	/	/	24.07	/	/	<=30
	3960	Outer_Full	22.36	/	/	21.72	/	/	<=30	Pass
			Inner_Full	24.50	/	/	23.86	/	/	<=30
		Inner_1RB_Left	24.35	/	/	23.71	/	/	<=30	Pass
			Inner_1RB_Right	24.77	/	/	24.13	/	/	<=30
CP-OFDM 64 QAM	3720	Outer_Full	21.72	/	/	21.08	/	/	<=30	Pass
		Inner_Full	22.22	/	/	21.58	/	/	<=30	Pass
		Inner_1RB_Left	22.15	/	/	21.51	/	/	<=30	Pass
		Inner_1RB_Right	22.58	/	/	21.94	/	/	<=30	Pass
	3840	Outer_Full	21.90	/	/	21.26	/	/	<=30	Pass
			Inner_Full	22.53	/	/	21.89	/	/	<=30
		Inner_1RB_Left	22.23	/	/	21.59	/	/	<=30	Pass
			Inner_1RB_Right	22.62	/	/	21.98	/	/	<=30
	3960	Outer_Full	21.96	/	/	21.32	/	/	<=30	Pass
			Inner_Full	22.48	/	/	21.84	/	/	<=30
		Inner_1RB_Left	22.35	/	/	21.71	/	/	<=30	Pass
			Inner_1RB_Right	22.73	/	/	22.09	/	/	<=30
CP-OFDM 256 QAM	3720	Outer_Full	18.71	/	/	18.07	/	/	<=30	Pass
		Inner_Full	18.66	/	/	18.02	/	/	<=30	Pass
		Inner_1RB_Left	18.45	/	/	17.81	/	/	<=30	Pass
		Inner_1RB_Right	18.78	/	/	18.14	/	/	<=30	Pass
	3840	Outer_Full	18.95	/	/	18.31	/	/	<=30	Pass
			Inner_Full	19.02	/	/	18.38	/	/	<=30
		Inner_1RB_Left	18.49	/	/	17.85	/	/	<=30	Pass
			Inner_1RB_Right	18.84	/	/	18.20	/	/	<=30
	3960	Outer_Full	19.01	/	/	18.37	/	/	<=30	Pass
			Inner_Full	19.00	/	/	18.36	/	/	<=30
		Inner_1RB_Left	18.64	/	/	18.00	/	/	<=30	Pass
			Inner_1RB_Right	19.17	/	/	18.53	/	/	<=30
Note1: Antenna Gain: Ant1: -0.64dBi; Ant2: -0.64dBi; Note2: EIRP=Conducted Power+Antenna Gain										

### 1.1.7 30\_S\_50M\_NTNV\_EIRP

5G NR n77a SCS=30kHz SISO 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	24.82	/	/	24.18	/	/	<=30	Pass
		Inner_Full	26.36	/	/	25.72	/	/	<=30	Pass
		Inner_1RB_Left	26.19	/	/	25.55	/	/	<=30	Pass
		Inner_1RB_Right	26.62	/	/	25.98	/	/	<=30	Pass
	3840	Outer_Full	25.01	/	/	24.37	/	/	<=30	Pass
		Inner_Full	26.67	/	/	26.03	/	/	<=30	Pass
		Inner_1RB_Left	26.30	/	/	25.66	/	/	<=30	Pass
		Inner_1RB_Right	26.84	/	/	26.20	/	/	<=30	Pass
	3954.99	Outer_Full	25.05	/	/	24.41	/	/	<=30	Pass
		Inner_Full	26.73	/	/	26.09	/	/	<=30	Pass
		Inner_1RB_Left	26.41	/	/	25.77	/	/	<=30	Pass
		Inner_1RB_Right	26.85	/	/	26.21	/	/	<=30	Pass
DFT-s-OFDM QPSK	3725.01	Outer_Full	24.29	/	/	23.65	/	/	<=30	Pass
		Inner_Full	26.41	/	/	25.77	/	/	<=30	Pass
		Inner_1RB_Left	26.24	/	/	25.60	/	/	<=30	Pass
		Inner_1RB_Right	26.64	/	/	26.00	/	/	<=30	Pass
	3840	Outer_Full	24.48	/	/	23.84	/	/	<=30	Pass
		Inner_Full	26.62	/	/	25.98	/	/	<=30	Pass
		Inner_1RB_Left	26.28	/	/	25.64	/	/	<=30	Pass
		Inner_1RB_Right	26.78	/	/	26.14	/	/	<=30	Pass
	3954.99	Outer_Full	24.57	/	/	23.93	/	/	<=30	Pass
		Inner_Full	26.61	/	/	25.97	/	/	<=30	Pass
		Inner_1RB_Left	26.35	/	/	25.71	/	/	<=30	Pass
		Inner_1RB_Right	26.90	/	/	26.26	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3725.01	Outer_Full	23.34	/	/	22.70	/	/	<=30	Pass
		Inner_Full	25.37	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Left	25.05	/	/	24.41	/	/	<=30	Pass
		Inner_1RB_Right	25.57	/	/	24.93	/	/	<=30	Pass
	3840	Outer_Full	23.51	/	/	22.87	/	/	<=30	Pass
		Inner_Full	25.59	/	/	24.95	/	/	<=30	Pass
		Inner_1RB_Left	25.29	/	/	24.65	/	/	<=30	Pass
		Inner_1RB_Right	25.65	/	/	25.01	/	/	<=30	Pass
	3954.99	Outer_Full	23.55	/	/	22.91	/	/	<=30	Pass
		Inner_Full	25.57	/	/	24.93	/	/	<=30	Pass
		Inner_1RB_Left	25.37	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Right	25.83	/	/	25.19	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3725.01	Outer_Full	22.85	/	/	22.21	/	/	<=30	Pass
		Inner_Full	23.39	/	/	22.75	/	/	<=30	Pass
		Inner_1RB_Left	23.07	/	/	22.43	/	/	<=30	Pass
		Inner_1RB_Right	23.60	/	/	22.96	/	/	<=30	Pass
	3840	Outer_Full	23.03	/	/	22.39	/	/	<=30	Pass
		Inner_Full	23.61	/	/	22.97	/	/	<=30	Pass
		Inner_1RB_Left	23.18	/	/	22.54	/	/	<=30	Pass
		Inner_1RB_Right	23.62	/	/	22.98	/	/	<=30	Pass
	3954.99	Outer_Full	23.06	/	/	22.42	/	/	<=30	Pass
		Inner_Full	23.60	/	/	22.96	/	/	<=30	Pass
		Inner_1RB_Left	23.33	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Right	23.76	/	/	23.12	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3725.01	Outer_Full	20.82	/	/	20.18	/	/	<=30	Pass
		Inner_Full	20.80	/	/	20.16	/	/	<=30	Pass
		Inner_1RB_Left	20.45	/	/	19.81	/	/	<=30	Pass
		Inner_1RB_Right	20.89	/	/	20.25	/	/	<=30	Pass
	3840	Outer_Full	21.00	/	/	20.36	/	/	<=30	Pass
		Inner_Full	21.09	/	/	20.45	/	/	<=30	Pass
		Inner_1RB_Left	20.59	/	/	19.95	/	/	<=30	Pass
		Inner_1RB_Right	21.04	/	/	20.40	/	/	<=30	Pass
	3954.99	Outer_Full	21.15	/	/	20.51	/	/	<=30	Pass
		Inner_Full	21.10	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Left	20.61	/	/	19.97	/	/	<=30	Pass

CP-OFDM QPSK	3725.01	Inner_1RB_Right	21.12	/	/	20.48	/	/	<=30	Pass
		Outer_Full	22.35	/	/	21.71	/	/	<=30	Pass
		Inner_Full	24.89	/	/	24.25	/	/	<=30	Pass
		Inner_1RB_Left	24.55	/	/	23.91	/	/	<=30	Pass
	3840	Inner_1RB_Right	25.09	/	/	24.45	/	/	<=30	Pass
		Outer_Full	22.57	/	/	21.93	/	/	<=30	Pass
		Inner_Full	25.19	/	/	24.55	/	/	<=30	Pass
		Inner_1RB_Left	24.83	/	/	24.19	/	/	<=30	Pass
	3954.99	Inner_1RB_Right	25.24	/	/	24.60	/	/	<=30	Pass
		Outer_Full	22.53	/	/	21.89	/	/	<=30	Pass
		Inner_Full	25.23	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Left	24.89	/	/	24.25	/	/	<=30	Pass
CP-OFDM 16 QAM	3725.01	Inner_1RB_Right	25.40	/	/	24.76	/	/	<=30	Pass
		Outer_Full	22.40	/	/	21.76	/	/	<=30	Pass
		Inner_Full	24.40	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Left	24.23	/	/	23.59	/	/	<=30	Pass
	3840	Inner_1RB_Right	24.69	/	/	24.05	/	/	<=30	Pass
		Outer_Full	22.51	/	/	21.87	/	/	<=30	Pass
		Inner_Full	24.52	/	/	23.88	/	/	<=30	Pass
		Inner_1RB_Left	24.47	/	/	23.83	/	/	<=30	Pass
	3954.99	Inner_1RB_Right	24.72	/	/	24.08	/	/	<=30	Pass
		Outer_Full	22.55	/	/	21.91	/	/	<=30	Pass
		Inner_Full	24.64	/	/	24.00	/	/	<=30	Pass
		Inner_1RB_Left	24.50	/	/	23.86	/	/	<=30	Pass
CP-OFDM 64 QAM	3725.01	Inner_1RB_Right	25.01	/	/	24.37	/	/	<=30	Pass
		Outer_Full	21.94	/	/	21.30	/	/	<=30	Pass
		Inner_Full	22.31	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Left	22.28	/	/	21.64	/	/	<=30	Pass
	3840	Inner_1RB_Right	22.75	/	/	22.11	/	/	<=30	Pass
		Outer_Full	22.03	/	/	21.39	/	/	<=30	Pass
		Inner_Full	22.57	/	/	21.93	/	/	<=30	Pass
		Inner_1RB_Left	22.44	/	/	21.80	/	/	<=30	Pass
	3954.99	Inner_1RB_Right	22.82	/	/	22.18	/	/	<=30	Pass
		Outer_Full	22.08	/	/	21.44	/	/	<=30	Pass
		Inner_Full	22.57	/	/	21.93	/	/	<=30	Pass
		Inner_1RB_Left	22.49	/	/	21.85	/	/	<=30	Pass
CP-OFDM 256 QAM	3725.01	Inner_1RB_Right	22.95	/	/	22.31	/	/	<=30	Pass
		Outer_Full	18.93	/	/	18.29	/	/	<=30	Pass
		Inner_Full	18.96	/	/	18.32	/	/	<=30	Pass
		Inner_1RB_Left	18.52	/	/	17.88	/	/	<=30	Pass
	3840	Inner_1RB_Right	19.02	/	/	18.38	/	/	<=30	Pass
		Outer_Full	19.08	/	/	18.44	/	/	<=30	Pass
		Inner_Full	19.19	/	/	18.55	/	/	<=30	Pass
		Inner_1RB_Left	18.81	/	/	18.17	/	/	<=30	Pass
	3954.99	Inner_1RB_Right	19.15	/	/	18.51	/	/	<=30	Pass
		Outer_Full	19.15	/	/	18.51	/	/	<=30	Pass
		Inner_Full	19.25	/	/	18.61	/	/	<=30	Pass
		Inner_1RB_Left	18.81	/	/	18.17	/	/	<=30	Pass
		Inner_1RB_Right	19.26	/	/	18.62	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -0.64dBi; Ant2: -0.64dBi; Note2: EIRP=Conducted Power+Antenna Gain										

## 1.1.8 30\_S\_60M\_NTNV\_EIRP

5G NR n77a SCS=30kHz SISO 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	3730.02	Outer_Full	24.64	/	/	24.00	/	/	<=30	Pass

BPSK		Inner_Full	26.20	/	/	25.56	/	/	<=30	Pass
		Inner_1RB_Left	26.00	/	/	25.36	/	/	<=30	Pass
		Inner_1RB_Right	26.42	/	/	25.78	/	/	<=30	Pass
	3840	Outer_Full	24.91	/	/	24.27	/	/	<=30	Pass
		Inner_Full	26.41	/	/	25.77	/	/	<=30	Pass
		Inner_1RB_Left	26.02	/	/	25.38	/	/	<=30	Pass
	3949.98	Inner_1RB_Right	26.59	/	/	25.95	/	/	<=30	Pass
		Outer_Full	24.88	/	/	24.24	/	/	<=30	Pass
		Inner_Full	26.53	/	/	25.89	/	/	<=30	Pass
DFT-s-OFDM QPSK	3730.02	Inner_1RB_Left	26.34	/	/	25.70	/	/	<=30	Pass
		Inner_1RB_Right	26.77	/	/	26.13	/	/	<=30	Pass
		Outer_Full	24.22	/	/	23.58	/	/	<=30	Pass
	3840	Inner_Full	26.23	/	/	25.59	/	/	<=30	Pass
		Inner_1RB_Left	25.92	/	/	25.28	/	/	<=30	Pass
		Inner_1RB_Right	26.39	/	/	25.75	/	/	<=30	Pass
	3949.98	Outer_Full	24.43	/	/	23.79	/	/	<=30	Pass
		Inner_Full	26.37	/	/	25.73	/	/	<=30	Pass
		Inner_1RB_Left	26.12	/	/	25.48	/	/	<=30	Pass
3949.98	Inner_1RB_Right	26.58	/	/	25.94	/	/	<=30	Pass	
	Outer_Full	24.55	/	/	23.91	/	/	<=30	Pass	
	Inner_Full	26.49	/	/	25.85	/	/	<=30	Pass	
DFT-s-OFDM 16 QAM	3730.02	Inner_1RB_Left	26.24	/	/	25.60	/	/	<=30	Pass
		Inner_1RB_Right	26.68	/	/	26.04	/	/	<=30	Pass
		Outer_Full	23.16	/	/	22.52	/	/	<=30	Pass
	3840	Inner_Full	25.18	/	/	24.54	/	/	<=30	Pass
		Inner_1RB_Left	24.84	/	/	24.20	/	/	<=30	Pass
		Inner_1RB_Right	25.25	/	/	24.61	/	/	<=30	Pass
	3949.98	Outer_Full	23.36	/	/	22.72	/	/	<=30	Pass
		Inner_Full	25.31	/	/	24.67	/	/	<=30	Pass
		Inner_1RB_Left	25.06	/	/	24.42	/	/	<=30	Pass
3949.98	Inner_1RB_Right	25.42	/	/	24.78	/	/	<=30	Pass	
	Outer_Full	23.53	/	/	22.89	/	/	<=30	Pass	
	Inner_Full	25.42	/	/	24.78	/	/	<=30	Pass	
DFT-s-OFDM 64 QAM	3730.02	Inner_1RB_Left	25.15	/	/	24.51	/	/	<=30	Pass
		Inner_1RB_Right	25.63	/	/	24.99	/	/	<=30	Pass
		Outer_Full	22.66	/	/	22.02	/	/	<=30	Pass
	3840	Inner_Full	23.14	/	/	22.50	/	/	<=30	Pass
		Inner_1RB_Left	22.84	/	/	22.20	/	/	<=30	Pass
		Inner_1RB_Right	23.26	/	/	22.62	/	/	<=30	Pass
	3949.98	Outer_Full	22.87	/	/	22.23	/	/	<=30	Pass
		Inner_Full	23.33	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Left	23.06	/	/	22.42	/	/	<=30	Pass
3949.98	Inner_1RB_Right	23.50	/	/	22.86	/	/	<=30	Pass	
	Outer_Full	22.90	/	/	22.26	/	/	<=30	Pass	
	Inner_Full	23.27	/	/	22.63	/	/	<=30	Pass	
DFT-s-OFDM 256 QAM	3730.02	Inner_1RB_Left	23.18	/	/	22.54	/	/	<=30	Pass
		Inner_1RB_Right	23.60	/	/	22.96	/	/	<=30	Pass
		Outer_Full	20.71	/	/	20.07	/	/	<=30	Pass
	3840	Inner_Full	20.63	/	/	19.99	/	/	<=30	Pass
		Inner_1RB_Left	20.22	/	/	19.58	/	/	<=30	Pass
		Inner_1RB_Right	20.57	/	/	19.93	/	/	<=30	Pass
	3949.98	Outer_Full	20.90	/	/	20.26	/	/	<=30	Pass
		Inner_Full	20.86	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Left	20.43	/	/	19.79	/	/	<=30	Pass
3949.98	Inner_1RB_Right	20.85	/	/	20.21	/	/	<=30	Pass	
	Outer_Full	21.05	/	/	20.41	/	/	<=30	Pass	
	Inner_Full	20.90	/	/	20.26	/	/	<=30	Pass	
3949.98	Inner_1RB_Left	20.49	/	/	19.85	/	/	<=30	Pass	
	Inner_1RB_Right	21.19	/	/	20.55	/	/	<=30	Pass	

CP-OFDM QPSK	3730.02	Outer_Full	22.10	/	/	21.46	/	/	<=30	Pass
		Inner_Full	24.67	/	/	24.03	/	/	<=30	Pass
		Inner_1RB_Left	24.36	/	/	23.72	/	/	<=30	Pass
		Inner_1RB_Right	24.92	/	/	24.28	/	/	<=30	Pass
	3840	Outer_Full	22.35	/	/	21.71	/	/	<=30	Pass
		Inner_Full	24.87	/	/	24.23	/	/	<=30	Pass
		Inner_1RB_Left	24.58	/	/	23.94	/	/	<=30	Pass
		Inner_1RB_Right	25.14	/	/	24.50	/	/	<=30	Pass
	3949.98	Outer_Full	22.33	/	/	21.69	/	/	<=30	Pass
		Inner_Full	24.87	/	/	24.23	/	/	<=30	Pass
		Inner_1RB_Left	24.72	/	/	24.08	/	/	<=30	Pass
		Inner_1RB_Right	25.35	/	/	24.71	/	/	<=30	Pass
CP-OFDM 16 QAM	3730.02	Outer_Full	22.17	/	/	21.53	/	/	<=30	Pass
		Inner_Full	24.20	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Left	23.99	/	/	23.35	/	/	<=30	Pass
		Inner_1RB_Right	24.42	/	/	23.78	/	/	<=30	Pass
	3840	Outer_Full	22.41	/	/	21.77	/	/	<=30	Pass
		Inner_Full	24.27	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Left	24.15	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Right	24.74	/	/	24.10	/	/	<=30	Pass
	3949.98	Outer_Full	22.41	/	/	21.77	/	/	<=30	Pass
		Inner_Full	24.40	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Left	24.31	/	/	23.67	/	/	<=30	Pass
		Inner_1RB_Right	24.86	/	/	24.22	/	/	<=30	Pass
CP-OFDM 64 QAM	3730.02	Outer_Full	21.65	/	/	21.01	/	/	<=30	Pass
		Inner_Full	22.14	/	/	21.50	/	/	<=30	Pass
		Inner_1RB_Left	22.05	/	/	21.41	/	/	<=30	Pass
		Inner_1RB_Right	22.51	/	/	21.87	/	/	<=30	Pass
	3840	Outer_Full	21.79	/	/	21.15	/	/	<=30	Pass
		Inner_Full	22.21	/	/	21.57	/	/	<=30	Pass
		Inner_1RB_Left	22.18	/	/	21.54	/	/	<=30	Pass
		Inner_1RB_Right	22.58	/	/	21.94	/	/	<=30	Pass
	3949.98	Outer_Full	21.84	/	/	21.20	/	/	<=30	Pass
		Inner_Full	22.42	/	/	21.78	/	/	<=30	Pass
		Inner_1RB_Left	22.34	/	/	21.70	/	/	<=30	Pass
		Inner_1RB_Right	22.83	/	/	22.19	/	/	<=30	Pass
CP-OFDM 256 QAM	3730.02	Outer_Full	18.64	/	/	18.00	/	/	<=30	Pass
		Inner_Full	18.64	/	/	18.00	/	/	<=30	Pass
		Inner_1RB_Left	18.29	/	/	17.65	/	/	<=30	Pass
		Inner_1RB_Right	18.80	/	/	18.16	/	/	<=30	Pass
	3840	Outer_Full	18.77	/	/	18.13	/	/	<=30	Pass
		Inner_Full	18.90	/	/	18.26	/	/	<=30	Pass
		Inner_1RB_Left	18.62	/	/	17.98	/	/	<=30	Pass
		Inner_1RB_Right	18.96	/	/	18.32	/	/	<=30	Pass
	3949.98	Outer_Full	19.01	/	/	18.37	/	/	<=30	Pass
		Inner_Full	18.93	/	/	18.29	/	/	<=30	Pass
		Inner_1RB_Left	18.73	/	/	18.09	/	/	<=30	Pass
		Inner_1RB_Right	19.15	/	/	18.51	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -0.64dBi; Ant2: -0.64dBi; Note2: EIRP=Conducted Power+Antenna Gain										

## 1.1.9 30\_S\_70M\_NTNV\_EIRP

5G NR n77a SCS=30kHz SISO 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	24.80	/	/	24.16	/	/	<=30	Pass
		Inner_Full	26.39	/	/	25.75	/	/	<=30	Pass



	3840	Inner_1RB_Left	25.96	/	/	25.32	/	/	<=30	Pass
		Inner_1RB_Right	26.55	/	/	25.91	/	/	<=30	Pass
		Outer_Full	24.91	/	/	24.27	/	/	<=30	Pass
		Inner_Full	26.49	/	/	25.85	/	/	<=30	Pass
	3945	Inner_1RB_Left	26.17	/	/	25.53	/	/	<=30	Pass
		Inner_1RB_Right	26.78	/	/	26.14	/	/	<=30	Pass
		Outer_Full	24.99	/	/	24.35	/	/	<=30	Pass
		Inner_Full	26.59	/	/	25.95	/	/	<=30	Pass
DFT-s-OFDM QPSK	3735	Inner_1RB_Left	26.26	/	/	25.62	/	/	<=30	Pass
		Inner_1RB_Right	26.90	/	/	26.26	/	/	<=30	Pass
		Outer_Full	24.28	/	/	23.64	/	/	<=30	Pass
		Inner_Full	26.29	/	/	25.65	/	/	<=30	Pass
	3840	Inner_1RB_Left	26.03	/	/	25.39	/	/	<=30	Pass
		Inner_1RB_Right	26.54	/	/	25.90	/	/	<=30	Pass
		Outer_Full	24.50	/	/	23.86	/	/	<=30	Pass
		Inner_Full	26.43	/	/	25.79	/	/	<=30	Pass
3945	Inner_1RB_Left	26.10	/	/	25.46	/	/	<=30	Pass	
	Inner_1RB_Right	26.72	/	/	26.08	/	/	<=30	Pass	
	Outer_Full	24.45	/	/	23.81	/	/	<=30	Pass	
	Inner_Full	26.58	/	/	25.94	/	/	<=30	Pass	
DFT-s-OFDM 16 QAM	3735	Inner_1RB_Left	26.23	/	/	25.59	/	/	<=30	Pass
		Inner_1RB_Right	26.90	/	/	26.26	/	/	<=30	Pass
		Outer_Full	23.27	/	/	22.63	/	/	<=30	Pass
		Inner_Full	25.18	/	/	24.54	/	/	<=30	Pass
	3840	Inner_1RB_Left	25.06	/	/	24.42	/	/	<=30	Pass
		Inner_1RB_Right	25.58	/	/	24.94	/	/	<=30	Pass
		Outer_Full	23.41	/	/	22.77	/	/	<=30	Pass
		Inner_Full	25.36	/	/	24.72	/	/	<=30	Pass
3945	Inner_1RB_Left	25.18	/	/	24.54	/	/	<=30	Pass	
	Inner_1RB_Right	25.80	/	/	25.16	/	/	<=30	Pass	
	Outer_Full	23.60	/	/	22.96	/	/	<=30	Pass	
	Inner_Full	25.48	/	/	24.84	/	/	<=30	Pass	
DFT-s-OFDM 64 QAM	3735	Inner_1RB_Left	25.33	/	/	24.69	/	/	<=30	Pass
		Inner_1RB_Right	25.94	/	/	25.30	/	/	<=30	Pass
		Outer_Full	22.70	/	/	22.06	/	/	<=30	Pass
		Inner_Full	23.23	/	/	22.59	/	/	<=30	Pass
	3840	Inner_1RB_Left	23.03	/	/	22.39	/	/	<=30	Pass
		Inner_1RB_Right	23.60	/	/	22.96	/	/	<=30	Pass
		Outer_Full	22.87	/	/	22.23	/	/	<=30	Pass
		Inner_Full	23.43	/	/	22.79	/	/	<=30	Pass
3945	Inner_1RB_Left	23.32	/	/	22.68	/	/	<=30	Pass	
	Inner_1RB_Right	23.78	/	/	23.14	/	/	<=30	Pass	
	Outer_Full	23.02	/	/	22.38	/	/	<=30	Pass	
	Inner_Full	23.50	/	/	22.86	/	/	<=30	Pass	
DFT-s-OFDM 256 QAM	3735	Inner_1RB_Left	23.22	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Right	23.96	/	/	23.32	/	/	<=30	Pass
		Outer_Full	20.80	/	/	20.16	/	/	<=30	Pass
		Inner_Full	20.68	/	/	20.04	/	/	<=30	Pass
	3840	Inner_1RB_Left	20.39	/	/	19.75	/	/	<=30	Pass
		Inner_1RB_Right	20.92	/	/	20.28	/	/	<=30	Pass
		Outer_Full	20.88	/	/	20.24	/	/	<=30	Pass
		Inner_Full	20.83	/	/	20.19	/	/	<=30	Pass
3945	Inner_1RB_Left	20.56	/	/	19.92	/	/	<=30	Pass	
	Inner_1RB_Right	21.06	/	/	20.42	/	/	<=30	Pass	
	Outer_Full	20.95	/	/	20.31	/	/	<=30	Pass	
	Inner_Full	20.94	/	/	20.30	/	/	<=30	Pass	
CP-OFDM QPSK	3735	Inner_1RB_Left	20.57	/	/	19.93	/	/	<=30	Pass
		Inner_1RB_Right	21.26	/	/	20.62	/	/	<=30	Pass
		Outer_Full	22.18	/	/	21.54	/	/	<=30	Pass

		Inner_Full	24.70	/	/	24.06	/	/	<=30	Pass	
		Inner_1RB_Left	24.49	/	/	23.85	/	/	<=30	Pass	
		Inner_1RB_Right	25.00	/	/	24.36	/	/	<=30	Pass	
	3840	Outer_Full	22.39	/	/	21.75	/	/	<=30	Pass	
		Inner_Full	24.96	/	/	24.32	/	/	<=30	Pass	
		Inner_1RB_Left	24.77	/	/	24.13	/	/	<=30	Pass	
	3945	Inner_1RB_Right	25.20	/	/	24.56	/	/	<=30	Pass	
		Outer_Full	22.46	/	/	21.82	/	/	<=30	Pass	
		Inner_Full	25.08	/	/	24.44	/	/	<=30	Pass	
	CP-OFDM 16 QAM	3735	Inner_1RB_Left	24.62	/	/	23.98	/	/	<=30	Pass
			Inner_1RB_Right	25.43	/	/	24.79	/	/	<=30	Pass
			Outer_Full	22.17	/	/	21.53	/	/	<=30	Pass
Inner_Full			24.24	/	/	23.60	/	/	<=30	Pass	
3840		Inner_1RB_Left	24.21	/	/	23.57	/	/	<=30	Pass	
		Inner_1RB_Right	24.83	/	/	24.19	/	/	<=30	Pass	
		Outer_Full	22.39	/	/	21.75	/	/	<=30	Pass	
		Inner_Full	24.42	/	/	23.78	/	/	<=30	Pass	
3945		Inner_1RB_Left	24.30	/	/	23.66	/	/	<=30	Pass	
		Inner_1RB_Right	24.76	/	/	24.12	/	/	<=30	Pass	
		Outer_Full	22.43	/	/	21.79	/	/	<=30	Pass	
		Inner_Full	24.56	/	/	23.92	/	/	<=30	Pass	
CP-OFDM 64 QAM	3735	Inner_1RB_Left	24.32	/	/	23.68	/	/	<=30	Pass	
		Inner_1RB_Right	25.05	/	/	24.41	/	/	<=30	Pass	
		Outer_Full	21.69	/	/	21.05	/	/	<=30	Pass	
		Inner_Full	22.17	/	/	21.53	/	/	<=30	Pass	
	3840	Inner_1RB_Left	22.14	/	/	21.50	/	/	<=30	Pass	
		Inner_1RB_Right	22.68	/	/	22.04	/	/	<=30	Pass	
		Outer_Full	21.91	/	/	21.27	/	/	<=30	Pass	
		Inner_Full	22.36	/	/	21.72	/	/	<=30	Pass	
	3945	Inner_1RB_Left	22.24	/	/	21.60	/	/	<=30	Pass	
		Inner_1RB_Right	22.83	/	/	22.19	/	/	<=30	Pass	
		Outer_Full	21.99	/	/	21.35	/	/	<=30	Pass	
		Inner_Full	22.48	/	/	21.84	/	/	<=30	Pass	
CP-OFDM 256 QAM	3735	Inner_1RB_Left	22.35	/	/	21.71	/	/	<=30	Pass	
		Inner_1RB_Right	22.96	/	/	22.32	/	/	<=30	Pass	
		Outer_Full	18.74	/	/	18.10	/	/	<=30	Pass	
		Inner_Full	18.67	/	/	18.03	/	/	<=30	Pass	
	3840	Inner_1RB_Left	18.46	/	/	17.82	/	/	<=30	Pass	
		Inner_1RB_Right	18.95	/	/	18.31	/	/	<=30	Pass	
		Outer_Full	18.89	/	/	18.25	/	/	<=30	Pass	
		Inner_Full	18.96	/	/	18.32	/	/	<=30	Pass	
	3945	Inner_1RB_Left	18.56	/	/	17.92	/	/	<=30	Pass	
		Inner_1RB_Right	19.06	/	/	18.42	/	/	<=30	Pass	
		Outer_Full	18.98	/	/	18.34	/	/	<=30	Pass	
		Inner_Full	19.04	/	/	18.40	/	/	<=30	Pass	
		Inner_1RB_Left	18.73	/	/	18.09	/	/	<=30	Pass	
		Inner_1RB_Right	19.23	/	/	18.59	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: -0.64dBi; Ant2: -0.64dBi; Note2: EIRP=Conducted Power+Antenna Gain											

### 1.1.10 30\_S\_80M\_NTNV\_EIRP

5G NR n77a 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	24.73	/	/	24.09	/	/	<=30	Pass
		Inner_Full	26.23	/	/	25.59	/	/	<=30	Pass
		Inner_1RB_Left	26.05	/	/	25.41	/	/	<=30	Pass

	3840	Inner_1RB_Right	26.70	/	/	26.06	/	/	<=30	Pass
		Outer_Full	24.90	/	/	24.26	/	/	<=30	Pass
		Inner_Full	26.48	/	/	25.84	/	/	<=30	Pass
		Inner_1RB_Left	26.21	/	/	25.57	/	/	<=30	Pass
	3939.99	Inner_1RB_Right	26.77	/	/	26.13	/	/	<=30	Pass
		Outer_Full	25.17	/	/	24.53	/	/	<=30	Pass
		Inner_Full	26.52	/	/	25.88	/	/	<=30	Pass
DFT-s-OFDM QPSK	3740.01	Inner_1RB_Left	26.19	/	/	25.55	/	/	<=30	Pass
		Inner_1RB_Right	26.86	/	/	26.22	/	/	<=30	Pass
		Outer_Full	24.21	/	/	23.57	/	/	<=30	Pass
		Inner_Full	26.26	/	/	25.62	/	/	<=30	Pass
	3840	Inner_1RB_Left	26.00	/	/	25.36	/	/	<=30	Pass
		Inner_1RB_Right	26.59	/	/	25.95	/	/	<=30	Pass
		Outer_Full	24.47	/	/	23.83	/	/	<=30	Pass
	3939.99	Inner_Full	26.51	/	/	25.87	/	/	<=30	Pass
		Inner_1RB_Left	26.16	/	/	25.52	/	/	<=30	Pass
		Inner_1RB_Right	26.75	/	/	26.11	/	/	<=30	Pass
		Outer_Full	24.55	/	/	23.91	/	/	<=30	Pass
	DFT-s-OFDM 16 QAM	3740.01	Inner_Full	26.56	/	/	25.92	/	/	<=30
Inner_1RB_Left			26.10	/	/	25.46	/	/	<=30	Pass
Inner_1RB_Right			26.91	/	/	26.27	/	/	<=30	Pass
Outer_Full			23.28	/	/	22.64	/	/	<=30	Pass
3840		Inner_Full	25.18	/	/	24.54	/	/	<=30	Pass
		Inner_1RB_Left	25.04	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Right	25.55	/	/	24.91	/	/	<=30	Pass
3939.99		Outer_Full	23.44	/	/	22.80	/	/	<=30	Pass
		Inner_Full	25.45	/	/	24.81	/	/	<=30	Pass
		Inner_1RB_Left	25.19	/	/	24.55	/	/	<=30	Pass
		Inner_1RB_Right	25.74	/	/	25.10	/	/	<=30	Pass
DFT-s-OFDM 64 QAM		3740.01	Outer_Full	23.55	/	/	22.91	/	/	<=30
	Inner_Full		25.48	/	/	24.84	/	/	<=30	Pass
	Inner_1RB_Left		25.16	/	/	24.52	/	/	<=30	Pass
	Inner_1RB_Right		25.84	/	/	25.20	/	/	<=30	Pass
	3840	Outer_Full	22.70	/	/	22.06	/	/	<=30	Pass
		Inner_Full	23.20	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Left	22.98	/	/	22.34	/	/	<=30	Pass
	3939.99	Inner_1RB_Right	23.50	/	/	22.86	/	/	<=30	Pass
		Outer_Full	22.91	/	/	22.27	/	/	<=30	Pass
		Inner_Full	23.48	/	/	22.84	/	/	<=30	Pass
		Inner_1RB_Left	23.21	/	/	22.57	/	/	<=30	Pass
	DFT-s-OFDM 256 QAM	3740.01	Inner_1RB_Right	23.71	/	/	23.07	/	/	<=30
Outer_Full			22.97	/	/	22.33	/	/	<=30	Pass
Inner_Full			23.45	/	/	22.81	/	/	<=30	Pass
Inner_1RB_Left			22.99	/	/	22.35	/	/	<=30	Pass
3840		Inner_1RB_Right	23.85	/	/	23.21	/	/	<=30	Pass
		Outer_Full	20.85	/	/	20.21	/	/	<=30	Pass
		Inner_Full	20.71	/	/	20.07	/	/	<=30	Pass
3939.99		Inner_1RB_Left	20.29	/	/	19.65	/	/	<=30	Pass
		Inner_1RB_Right	20.99	/	/	20.35	/	/	<=30	Pass
		Outer_Full	20.94	/	/	20.30	/	/	<=30	Pass
		Inner_Full	20.88	/	/	20.24	/	/	<=30	Pass
CP-OFDM QPSK		3740.01	Inner_1RB_Left	20.51	/	/	19.87	/	/	<=30
	Inner_1RB_Right		21.03	/	/	20.39	/	/	<=30	Pass
	Outer_Full		20.90	/	/	20.26	/	/	<=30	Pass
	Inner_Full		20.87	/	/	20.23	/	/	<=30	Pass
	3740.01	Inner_1RB_Left	20.30	/	/	19.66	/	/	<=30	Pass
		Inner_1RB_Right	21.08	/	/	20.44	/	/	<=30	Pass
	3740.01	Outer_Full	22.26	/	/	21.62	/	/	<=30	Pass
		Inner_Full	24.74	/	/	24.10	/	/	<=30	Pass

	3840	Inner_1RB_Left	24.49	/	/	23.85	/	/	<=30	Pass			
		Inner_1RB_Right	25.00	/	/	24.36	/	/	<=30	Pass			
		Outer_Full	22.44	/	/	21.80	/	/	<=30	Pass			
		Inner_Full	25.04	/	/	24.40	/	/	<=30	Pass			
		Inner_1RB_Left	24.77	/	/	24.13	/	/	<=30	Pass			
		Inner_1RB_Right	25.19	/	/	24.55	/	/	<=30	Pass			
	3939.99		Outer_Full	22.49	/	/	21.85	/	/	<=30	Pass		
			Inner_Full	24.91	/	/	24.27	/	/	<=30	Pass		
			Inner_1RB_Left	24.51	/	/	23.87	/	/	<=30	Pass		
			Inner_1RB_Right	25.41	/	/	24.77	/	/	<=30	Pass		
			CP-OFDM 16 QAM	3740.01	Outer_Full	22.31	/	/	21.67	/	/	<=30	Pass
					Inner_Full	24.34	/	/	23.70	/	/	<=30	Pass
Inner_1RB_Left	24.22	/			/	23.58	/	/	<=30	Pass			
Inner_1RB_Right	24.78	/			/	24.14	/	/	<=30	Pass			
3840		Outer_Full		22.42	/	/	21.78	/	/	<=30	Pass		
		Inner_Full		24.46	/	/	23.82	/	/	<=30	Pass		
		Inner_1RB_Left		24.37	/	/	23.73	/	/	<=30	Pass		
		Inner_1RB_Right		24.78	/	/	24.14	/	/	<=30	Pass		
3939.99		Outer_Full		22.46	/	/	21.82	/	/	<=30	Pass		
		Inner_Full		24.52	/	/	23.88	/	/	<=30	Pass		
		Inner_1RB_Left		24.15	/	/	23.51	/	/	<=30	Pass		
		Inner_1RB_Right		25.02	/	/	24.38	/	/	<=30	Pass		
CP-OFDM 64 QAM	3740.01	Outer_Full	21.72	/	/	21.08	/	/	<=30	Pass			
		Inner_Full	22.18	/	/	21.54	/	/	<=30	Pass			
		Inner_1RB_Left	22.13	/	/	21.49	/	/	<=30	Pass			
		Inner_1RB_Right	22.69	/	/	22.05	/	/	<=30	Pass			
	3840		Outer_Full	21.86	/	/	21.22	/	/	<=30	Pass		
			Inner_Full	22.38	/	/	21.74	/	/	<=30	Pass		
			Inner_1RB_Left	22.30	/	/	21.66	/	/	<=30	Pass		
			Inner_1RB_Right	22.73	/	/	22.09	/	/	<=30	Pass		
	3939.99		Outer_Full	22.01	/	/	21.37	/	/	<=30	Pass		
			Inner_Full	22.38	/	/	21.74	/	/	<=30	Pass		
			Inner_1RB_Left	22.16	/	/	21.52	/	/	<=30	Pass		
			Inner_1RB_Right	22.94	/	/	22.30	/	/	<=30	Pass		
CP-OFDM 256 QAM	3740.01	Outer_Full	18.74	/	/	18.10	/	/	<=30	Pass			
		Inner_Full	18.76	/	/	18.12	/	/	<=30	Pass			
		Inner_1RB_Left	18.44	/	/	17.80	/	/	<=30	Pass			
		Inner_1RB_Right	19.00	/	/	18.36	/	/	<=30	Pass			
	3840		Outer_Full	18.93	/	/	18.29	/	/	<=30	Pass		
			Inner_Full	18.87	/	/	18.23	/	/	<=30	Pass		
			Inner_1RB_Left	18.59	/	/	17.95	/	/	<=30	Pass		
			Inner_1RB_Right	19.03	/	/	18.39	/	/	<=30	Pass		
	3939.99		Outer_Full	18.92	/	/	18.28	/	/	<=30	Pass		
			Inner_Full	18.94	/	/	18.30	/	/	<=30	Pass		
			Inner_1RB_Left	18.38	/	/	17.74	/	/	<=30	Pass		
			Inner_1RB_Right	19.19	/	/	18.55	/	/	<=30	Pass		
Note1: Antenna Gain: Ant1: -0.64dBi; Ant2: -0.64dBi; Note2: EIRP=Conducted Power+Antenna Gain													

1.1.11 30\_S\_90M\_NTNV\_EIRP

5G NR n77a SCS=30kHz SISO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)			Limit	Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum		
DFT-s-OFDM PI/2 BPSK	3745.02	Outer_Full	24.84	/	/	24.20	/	/	<=30	Pass
		Inner_Full	26.31	/	/	25.67	/	/	<=30	Pass
		Inner_1RB_Left	26.08	/	/	25.44	/	/	<=30	Pass
		Inner_1RB_Right	26.85	/	/	26.21	/	/	<=30	Pass

	3840	Outer_Full	24.95	/	/	24.31	/	/	<=30	Pass
		Inner_Full	26.49	/	/	25.85	/	/	<=30	Pass
		Inner_1RB_Left	26.20	/	/	25.56	/	/	<=30	Pass
		Inner_1RB_Right	26.84	/	/	26.20	/	/	<=30	Pass
	3934.98	Outer_Full	25.12	/	/	24.48	/	/	<=30	Pass
		Inner_Full	26.53	/	/	25.89	/	/	<=30	Pass
		Inner_1RB_Left	26.14	/	/	25.50	/	/	<=30	Pass
		Inner_1RB_Right	26.93	/	/	26.29	/	/	<=30	Pass
DFT-s-OFDM QPSK	3745.02	Outer_Full	24.27	/	/	23.63	/	/	<=30	Pass
		Inner_Full	26.27	/	/	25.63	/	/	<=30	Pass
		Inner_1RB_Left	26.08	/	/	25.44	/	/	<=30	Pass
		Inner_1RB_Right	26.81	/	/	26.17	/	/	<=30	Pass
	3840	Outer_Full	24.49	/	/	23.85	/	/	<=30	Pass
		Inner_Full	26.53	/	/	25.89	/	/	<=30	Pass
		Inner_1RB_Left	26.25	/	/	25.61	/	/	<=30	Pass
		Inner_1RB_Right	26.68	/	/	26.04	/	/	<=30	Pass
	3934.98	Outer_Full	24.57	/	/	23.93	/	/	<=30	Pass
		Inner_Full	26.49	/	/	25.85	/	/	<=30	Pass
		Inner_1RB_Left	26.17	/	/	25.53	/	/	<=30	Pass
		Inner_1RB_Right	26.95	/	/	26.31	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3745.02	Outer_Full	23.31	/	/	22.67	/	/	<=30	Pass
		Inner_Full	25.35	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Left	25.06	/	/	24.42	/	/	<=30	Pass
		Inner_1RB_Right	25.81	/	/	25.17	/	/	<=30	Pass
	3840	Outer_Full	23.46	/	/	22.82	/	/	<=30	Pass
		Inner_Full	25.44	/	/	24.80	/	/	<=30	Pass
		Inner_1RB_Left	25.17	/	/	24.53	/	/	<=30	Pass
		Inner_1RB_Right	25.74	/	/	25.10	/	/	<=30	Pass
	3934.98	Outer_Full	23.54	/	/	22.90	/	/	<=30	Pass
		Inner_Full	25.56	/	/	24.92	/	/	<=30	Pass
		Inner_1RB_Left	25.11	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Right	25.94	/	/	25.30	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3745.02	Outer_Full	22.77	/	/	22.13	/	/	<=30	Pass
		Inner_Full	23.30	/	/	22.66	/	/	<=30	Pass
		Inner_1RB_Left	22.97	/	/	22.33	/	/	<=30	Pass
		Inner_1RB_Right	23.61	/	/	22.97	/	/	<=30	Pass
	3840	Outer_Full	22.87	/	/	22.23	/	/	<=30	Pass
		Inner_Full	23.41	/	/	22.77	/	/	<=30	Pass
		Inner_1RB_Left	23.19	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Right	23.69	/	/	23.05	/	/	<=30	Pass
	3934.98	Outer_Full	22.94	/	/	22.30	/	/	<=30	Pass
		Inner_Full	23.47	/	/	22.83	/	/	<=30	Pass
		Inner_1RB_Left	23.00	/	/	22.36	/	/	<=30	Pass
		Inner_1RB_Right	23.88	/	/	23.24	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3745.02	Outer_Full	20.70	/	/	20.06	/	/	<=30	Pass
		Inner_Full	20.81	/	/	20.17	/	/	<=30	Pass
		Inner_1RB_Left	20.39	/	/	19.75	/	/	<=30	Pass
		Inner_1RB_Right	20.98	/	/	20.34	/	/	<=30	Pass
	3840	Outer_Full	20.92	/	/	20.28	/	/	<=30	Pass
		Inner_Full	20.96	/	/	20.32	/	/	<=30	Pass
		Inner_1RB_Left	20.49	/	/	19.85	/	/	<=30	Pass
		Inner_1RB_Right	21.06	/	/	20.42	/	/	<=30	Pass
	3934.98	Outer_Full	20.91	/	/	20.27	/	/	<=30	Pass
		Inner_Full	20.92	/	/	20.28	/	/	<=30	Pass
		Inner_1RB_Left	20.38	/	/	19.74	/	/	<=30	Pass
		Inner_1RB_Right	21.32	/	/	20.68	/	/	<=30	Pass
CP-OFDM QPSK	3745.02	Outer_Full	22.24	/	/	21.60	/	/	<=30	Pass
		Inner_Full	24.78	/	/	24.14	/	/	<=30	Pass
		Inner_1RB_Left	24.48	/	/	23.84	/	/	<=30	Pass

	3840	Inner_1RB_Right	25.09	/	/	24.45	/	/	<=30	Pass
		Outer_Full	22.43	/	/	21.79	/	/	<=30	Pass
		Inner_Full	24.98	/	/	24.34	/	/	<=30	Pass
		Inner_1RB_Left	24.75	/	/	24.11	/	/	<=30	Pass
	3934.98	Inner_1RB_Right	25.20	/	/	24.56	/	/	<=30	Pass
		Outer_Full	22.39	/	/	21.75	/	/	<=30	Pass
		Inner_Full	25.03	/	/	24.39	/	/	<=30	Pass
		Inner_1RB_Left	24.60	/	/	23.96	/	/	<=30	Pass
CP-OFDM 16 QAM	3745.02	Inner_1RB_Right	25.49	/	/	24.85	/	/	<=30	Pass
		Outer_Full	22.21	/	/	21.57	/	/	<=30	Pass
		Inner_Full	24.32	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Left	24.21	/	/	23.57	/	/	<=30	Pass
	3840	Inner_1RB_Right	24.86	/	/	24.22	/	/	<=30	Pass
		Outer_Full	22.33	/	/	21.69	/	/	<=30	Pass
		Inner_Full	24.44	/	/	23.80	/	/	<=30	Pass
		Inner_1RB_Left	24.40	/	/	23.76	/	/	<=30	Pass
	3934.98	Inner_1RB_Right	24.92	/	/	24.28	/	/	<=30	Pass
		Outer_Full	22.37	/	/	21.73	/	/	<=30	Pass
		Inner_Full	24.52	/	/	23.88	/	/	<=30	Pass
		Inner_1RB_Left	24.12	/	/	23.48	/	/	<=30	Pass
CP-OFDM 64 QAM	3745.02	Inner_1RB_Right	25.12	/	/	24.48	/	/	<=30	Pass
		Outer_Full	21.78	/	/	21.14	/	/	<=30	Pass
		Inner_Full	22.23	/	/	21.59	/	/	<=30	Pass
		Inner_1RB_Left	22.11	/	/	21.47	/	/	<=30	Pass
	3840	Inner_1RB_Right	22.75	/	/	22.11	/	/	<=30	Pass
		Outer_Full	21.82	/	/	21.18	/	/	<=30	Pass
		Inner_Full	22.32	/	/	21.68	/	/	<=30	Pass
		Inner_1RB_Left	22.35	/	/	21.71	/	/	<=30	Pass
	3934.98	Inner_1RB_Right	22.90	/	/	22.26	/	/	<=30	Pass
		Outer_Full	21.83	/	/	21.19	/	/	<=30	Pass
		Inner_Full	22.50	/	/	21.86	/	/	<=30	Pass
		Inner_1RB_Left	22.17	/	/	21.53	/	/	<=30	Pass
CP-OFDM 256 QAM	3745.02	Inner_1RB_Right	22.99	/	/	22.35	/	/	<=30	Pass
		Outer_Full	18.79	/	/	18.15	/	/	<=30	Pass
		Inner_Full	18.79	/	/	18.15	/	/	<=30	Pass
		Inner_1RB_Left	18.36	/	/	17.72	/	/	<=30	Pass
	3840	Inner_1RB_Right	19.10	/	/	18.46	/	/	<=30	Pass
		Outer_Full	18.91	/	/	18.27	/	/	<=30	Pass
		Inner_Full	18.92	/	/	18.28	/	/	<=30	Pass
		Inner_1RB_Left	18.58	/	/	17.94	/	/	<=30	Pass
	3934.98	Inner_1RB_Right	19.00	/	/	18.36	/	/	<=30	Pass
		Outer_Full	18.93	/	/	18.29	/	/	<=30	Pass
		Inner_Full	18.91	/	/	18.27	/	/	<=30	Pass
		Inner_1RB_Left	18.51	/	/	17.87	/	/	<=30	Pass
		Inner_1RB_Right	19.39	/	/	18.75	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -0.64dBi; Ant2: -0.64dBi;  
Note2: EIRP=Conducted Power+Antenna Gain

## 1.1.12 30\_S\_100M\_NTNV\_EIRP

5G NR n77a SCS=30kHz SISO 100MHz 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	3750	Outer_Full	24.85	/	/	24.21	/	/	<=30	Pass
		Inner_Full	26.27	/	/	25.63	/	/	<=30	Pass
		Inner_1RB_Left	26.03	/	/	25.39	/	/	<=30	Pass
		Inner_1RB_Right	26.68	/	/	26.04	/	/	<=30	Pass
	3840	Outer_Full	24.87	/	/	24.23	/	/	<=30	Pass

	3930	Inner_Full	26.38	/	/	25.74	/	/	<=30	Pass
		Inner_1RB_Left	26.15	/	/	25.51	/	/	<=30	Pass
		Inner_1RB_Right	26.76	/	/	26.12	/	/	<=30	Pass
		Outer_Full	24.99	/	/	24.35	/	/	<=30	Pass
		Inner_Full	26.41	/	/	25.77	/	/	<=30	Pass
		Inner_1RB_Left	26.14	/	/	25.50	/	/	<=30	Pass
DFT-s-OFDM QPSK	3750	Inner_1RB_Right	26.98	/	/	26.34	/	/	<=30	Pass
		Outer_Full	24.34	/	/	23.70	/	/	<=30	Pass
		Inner_Full	26.30	/	/	25.66	/	/	<=30	Pass
		Inner_1RB_Left	25.95	/	/	25.31	/	/	<=30	Pass
	3840	Inner_1RB_Right	26.73	/	/	26.09	/	/	<=30	Pass
		Outer_Full	24.36	/	/	23.72	/	/	<=30	Pass
		Inner_Full	26.39	/	/	25.75	/	/	<=30	Pass
		Inner_1RB_Left	26.12	/	/	25.48	/	/	<=30	Pass
	3930	Inner_1RB_Right	26.82	/	/	26.18	/	/	<=30	Pass
		Outer_Full	24.67	/	/	24.03	/	/	<=30	Pass
		Inner_Full	26.47	/	/	25.83	/	/	<=30	Pass
		Inner_1RB_Left	26.08	/	/	25.44	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Inner_1RB_Right	27.02	/	/	26.38	/	/	<=30	Pass
		Outer_Full	23.33	/	/	22.69	/	/	<=30	Pass
		Inner_Full	25.27	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Left	24.95	/	/	24.31	/	/	<=30	Pass
	3840	Inner_1RB_Right	25.72	/	/	25.08	/	/	<=30	Pass
		Outer_Full	23.44	/	/	22.80	/	/	<=30	Pass
		Inner_Full	25.44	/	/	24.80	/	/	<=30	Pass
		Inner_1RB_Left	25.15	/	/	24.51	/	/	<=30	Pass
	3930	Inner_1RB_Right	25.76	/	/	25.12	/	/	<=30	Pass
		Outer_Full	23.53	/	/	22.89	/	/	<=30	Pass
		Inner_Full	25.52	/	/	24.88	/	/	<=30	Pass
		Inner_1RB_Left	25.13	/	/	24.49	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Inner_1RB_Right	26.03	/	/	25.39	/	/	<=30	Pass
		Outer_Full	22.86	/	/	22.22	/	/	<=30	Pass
		Inner_Full	23.22	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Left	22.96	/	/	22.32	/	/	<=30	Pass
	3840	Inner_1RB_Right	23.73	/	/	23.09	/	/	<=30	Pass
		Outer_Full	22.88	/	/	22.24	/	/	<=30	Pass
		Inner_Full	23.37	/	/	22.73	/	/	<=30	Pass
		Inner_1RB_Left	23.24	/	/	22.60	/	/	<=30	Pass
	3930	Inner_1RB_Right	23.79	/	/	23.15	/	/	<=30	Pass
		Outer_Full	22.90	/	/	22.26	/	/	<=30	Pass
		Inner_Full	23.45	/	/	22.81	/	/	<=30	Pass
		Inner_1RB_Left	23.13	/	/	22.49	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Inner_1RB_Right	24.13	/	/	23.49	/	/	<=30	Pass
		Outer_Full	20.80	/	/	20.16	/	/	<=30	Pass
		Inner_Full	20.82	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Left	20.39	/	/	19.75	/	/	<=30	Pass
	3840	Inner_1RB_Right	21.11	/	/	20.47	/	/	<=30	Pass
		Outer_Full	20.88	/	/	20.24	/	/	<=30	Pass
		Inner_Full	20.89	/	/	20.25	/	/	<=30	Pass
		Inner_1RB_Left	20.50	/	/	19.86	/	/	<=30	Pass
	3930	Inner_1RB_Right	21.08	/	/	20.44	/	/	<=30	Pass
		Outer_Full	21.01	/	/	20.37	/	/	<=30	Pass
		Inner_Full	21.06	/	/	20.42	/	/	<=30	Pass
		Inner_1RB_Left	20.43	/	/	19.79	/	/	<=30	Pass
CP-OFDM QPSK	3750	Inner_1RB_Right	21.38	/	/	20.74	/	/	<=30	Pass
		Outer_Full	22.23	/	/	21.59	/	/	<=30	Pass
		Inner_Full	24.80	/	/	24.16	/	/	<=30	Pass
		Inner_1RB_Left	24.39	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Right	25.19	/	/	24.55	/	/	<=30	Pass

	3840	Outer_Full	22.39	/	/	21.75	/	/	<=30	Pass
		Inner_Full	24.88	/	/	24.24	/	/	<=30	Pass
		Inner_1RB_Left	24.78	/	/	24.14	/	/	<=30	Pass
		Inner_1RB_Right	25.14	/	/	24.50	/	/	<=30	Pass
	3930	Outer_Full	22.38	/	/	21.74	/	/	<=30	Pass
		Inner_Full	24.94	/	/	24.30	/	/	<=30	Pass
		Inner_1RB_Left	24.62	/	/	23.98	/	/	<=30	Pass
		Inner_1RB_Right	25.56	/	/	24.92	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Outer_Full	22.29	/	/	21.65	/	/	<=30	Pass
		Inner_Full	24.41	/	/	23.77	/	/	<=30	Pass
		Inner_1RB_Left	24.31	/	/	23.67	/	/	<=30	Pass
		Inner_1RB_Right	24.96	/	/	24.32	/	/	<=30	Pass
	3840	Outer_Full	22.32	/	/	21.68	/	/	<=30	Pass
		Inner_Full	24.46	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Left	24.24	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Right	24.90	/	/	24.26	/	/	<=30	Pass
	3930	Outer_Full	22.42	/	/	21.78	/	/	<=30	Pass
		Inner_Full	24.54	/	/	23.90	/	/	<=30	Pass
		Inner_1RB_Left	24.32	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Right	25.19	/	/	24.55	/	/	<=30	Pass
CP-OFDM 64 QAM	3750	Outer_Full	21.77	/	/	21.13	/	/	<=30	Pass
		Inner_Full	22.20	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Left	21.98	/	/	21.34	/	/	<=30	Pass
		Inner_1RB_Right	22.87	/	/	22.23	/	/	<=30	Pass
	3840	Outer_Full	21.88	/	/	21.24	/	/	<=30	Pass
		Inner_Full	22.39	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Left	22.29	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Right	22.80	/	/	22.16	/	/	<=30	Pass
	3930	Outer_Full	21.94	/	/	21.30	/	/	<=30	Pass
		Inner_Full	22.42	/	/	21.78	/	/	<=30	Pass
		Inner_1RB_Left	22.21	/	/	21.57	/	/	<=30	Pass
		Inner_1RB_Right	23.12	/	/	22.48	/	/	<=30	Pass
CP-OFDM 256 QAM	3750	Outer_Full	18.81	/	/	18.17	/	/	<=30	Pass
		Inner_Full	18.83	/	/	18.19	/	/	<=30	Pass
		Inner_1RB_Left	18.37	/	/	17.73	/	/	<=30	Pass
		Inner_1RB_Right	19.19	/	/	18.55	/	/	<=30	Pass
	3840	Outer_Full	18.91	/	/	18.27	/	/	<=30	Pass
		Inner_Full	18.92	/	/	18.28	/	/	<=30	Pass
		Inner_1RB_Left	18.65	/	/	18.01	/	/	<=30	Pass
		Inner_1RB_Right	19.26	/	/	18.62	/	/	<=30	Pass
	3930	Outer_Full	18.94	/	/	18.30	/	/	<=30	Pass
		Inner_Full	18.96	/	/	18.32	/	/	<=30	Pass
		Inner_1RB_Left	18.61	/	/	17.97	/	/	<=30	Pass
		Inner_1RB_Right	19.38	/	/	18.74	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -0.64dBi; Ant2: -0.64dBi; Note2: EIRP=Conducted Power+Antenna Gain										

## 1.1.13 30\_M\_10M\_NTNV\_EIRP

5G NR n77a 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	25.67	25.72	28.70	25.03	25.08	28.07	<=30	Pass
		Inner_Full	26.23	26.28	29.26	25.59	25.64	28.63	<=30	Pass
		Inner_1RB_Left	26.16	26.21	29.20	25.52	25.57	28.56	<=30	Pass
		Inner_1RB_Right	26.33	26.38	29.36	25.69	25.74	28.73	<=30	Pass
	3840	Outer_Full	25.46	25.48	28.48	24.82	24.84	27.84	<=30	Pass
		Inner_Full	26.05	26.08	29.07	25.41	25.44	28.44	<=30	Pass



	3975	Inner_1RB_Left	25.96	25.97	28.98	25.32	25.33	28.34	<=30	Pass
		Inner_1RB_Right	26.17	26.20	29.19	25.53	25.56	28.56	<=30	Pass
		Outer_Full	25.56	25.69	28.64	24.92	25.05	28.00	<=30	Pass
		Inner_Full	26.14	26.26	29.21	25.50	25.62	28.57	<=30	Pass
		Inner_1RB_Left	26.08	26.20	29.15	25.44	25.56	28.51	<=30	Pass
		Inner_1RB_Right	26.14	26.26	29.21	25.50	25.62	28.57	<=30	Pass
DFT-s-OFDM QPSK	3705	Outer_Full	25.18	25.23	28.22	24.54	24.59	27.58	<=30	Pass
		Inner_Full	26.28	26.33	29.32	25.64	25.69	28.68	<=30	Pass
		Inner_1RB_Left	26.20	26.25	29.24	25.56	25.61	28.60	<=30	Pass
		Inner_1RB_Right	26.28	26.33	29.32	25.64	25.69	28.68	<=30	Pass
	3840	Outer_Full	25.00	25.02	28.02	24.36	24.38	27.38	<=30	Pass
		Inner_Full	25.98	26.01	29.00	25.34	25.37	28.37	<=30	Pass
		Inner_1RB_Left	26.00	26.01	29.02	25.36	25.37	28.38	<=30	Pass
		Inner_1RB_Right	26.03	26.07	29.06	25.39	25.43	28.42	<=30	Pass
	3975	Outer_Full	25.09	25.21	28.16	24.45	24.57	27.52	<=30	Pass
		Inner_Full	26.16	26.28	29.23	25.52	25.64	28.59	<=30	Pass
		Inner_1RB_Left	26.06	26.19	29.13	25.42	25.55	28.50	<=30	Pass
		Inner_1RB_Right	26.18	26.31	29.25	25.54	25.67	28.62	<=30	Pass
DFT-s-OFDM 16 QAM	3705	Outer_Full	24.20	24.25	27.23	23.56	23.61	26.60	<=30	Pass
		Inner_Full	25.17	25.22	28.21	24.53	24.58	27.57	<=30	Pass
		Inner_1RB_Left	25.29	25.34	28.32	24.65	24.70	27.69	<=30	Pass
		Inner_1RB_Right	25.42	25.48	28.46	24.78	24.84	27.82	<=30	Pass
	3840	Outer_Full	23.94	23.97	26.97	23.30	23.33	26.33	<=30	Pass
		Inner_Full	25.07	25.09	28.09	24.43	24.45	27.45	<=30	Pass
		Inner_1RB_Left	25.22	25.22	28.23	24.58	24.58	27.59	<=30	Pass
		Inner_1RB_Right	25.11	25.15	28.14	24.47	24.51	27.50	<=30	Pass
	3975	Outer_Full	24.06	24.18	27.13	23.42	23.54	26.49	<=30	Pass
		Inner_Full	25.07	25.19	28.14	24.43	24.55	27.50	<=30	Pass
		Inner_1RB_Left	25.10	25.23	28.17	24.46	24.59	27.54	<=30	Pass
		Inner_1RB_Right	25.29	25.42	28.37	24.65	24.78	27.73	<=30	Pass
DFT-s-OFDM 64 QAM	3705	Outer_Full	23.74	23.79	26.77	23.10	23.15	26.14	<=30	Pass
		Inner_Full	23.77	23.82	26.81	23.13	23.18	26.17	<=30	Pass
		Inner_1RB_Left	23.70	23.75	26.73	23.06	23.11	26.10	<=30	Pass
		Inner_1RB_Right	23.77	23.82	26.80	23.13	23.18	26.17	<=30	Pass
	3840	Outer_Full	23.55	23.57	26.57	22.91	22.93	25.93	<=30	Pass
		Inner_Full	23.53	23.55	26.55	22.89	22.91	25.91	<=30	Pass
		Inner_1RB_Left	23.52	23.52	26.53	22.88	22.88	25.89	<=30	Pass
		Inner_1RB_Right	23.57	23.61	26.60	22.93	22.97	25.96	<=30	Pass
	3975	Outer_Full	23.60	23.73	26.68	22.96	23.09	26.04	<=30	Pass
		Inner_Full	23.68	23.80	26.75	23.04	23.16	26.11	<=30	Pass
		Inner_1RB_Left	23.58	23.71	26.65	22.94	23.07	26.02	<=30	Pass
		Inner_1RB_Right	23.69	23.82	26.77	23.05	23.18	26.13	<=30	Pass
DFT-s-OFDM 256 QAM	3705	Outer_Full	21.64	21.70	24.68	21.00	21.06	24.04	<=30	Pass
		Inner_Full	21.64	21.69	24.68	21.00	21.05	24.04	<=30	Pass
		Inner_1RB_Left	21.25	21.30	24.29	20.61	20.66	23.65	<=30	Pass
		Inner_1RB_Right	21.39	21.45	24.43	20.75	20.81	23.79	<=30	Pass
	3840	Outer_Full	21.45	21.47	24.47	20.81	20.83	23.83	<=30	Pass
		Inner_Full	21.40	21.42	24.42	20.76	20.78	23.78	<=30	Pass
		Inner_1RB_Left	21.15	21.16	24.17	20.51	20.52	23.53	<=30	Pass
		Inner_1RB_Right	21.18	21.21	24.20	20.54	20.57	23.57	<=30	Pass
	3975	Outer_Full	21.47	21.60	24.55	20.83	20.96	23.91	<=30	Pass
		Inner_Full	21.49	21.61	24.56	20.85	20.97	23.92	<=30	Pass
		Inner_1RB_Left	21.17	21.31	24.25	20.53	20.67	23.61	<=30	Pass
		Inner_1RB_Right	21.21	21.34	24.28	20.57	20.70	23.65	<=30	Pass
CP-OFDM QPSK	3705	Outer_Full	23.28	23.33	26.31	22.64	22.69	25.68	<=30	Pass
		Inner_Full	24.75	24.80	27.79	24.11	24.16	27.15	<=30	Pass
		Inner_1RB_Left	24.84	24.88	27.87	24.20	24.24	27.23	<=30	Pass
		Inner_1RB_Right	24.94	24.99	27.98	24.30	24.35	27.34	<=30	Pass
	3840	Outer_Full	23.04	23.06	26.06	22.40	22.42	25.42	<=30	Pass

CP-OFDM 16 QAM	3975	Inner_Full	24.58	24.60	27.60	23.94	23.96	26.96	<=30	Pass	
		Inner_1RB_Left	24.57	24.57	27.58	23.93	23.93	26.94	<=30	Pass	
		Inner_1RB_Right	24.64	24.67	27.66	24.00	24.03	27.03	<=30	Pass	
	3705	Outer_Full	23.10	23.22	26.17	22.46	22.58	25.53	<=30	Pass	
		Inner_Full	24.61	24.73	27.68	23.97	24.09	27.04	<=30	Pass	
		Inner_1RB_Left	24.57	24.70	27.65	23.93	24.06	27.01	<=30	Pass	
	CP-OFDM 64 QAM	3840	Inner_1RB_Right	24.81	24.93	27.88	24.17	24.29	27.24	<=30	Pass
			Outer_Full	23.26	23.31	26.29	22.62	22.67	25.66	<=30	Pass
			Inner_Full	24.18	24.23	27.21	23.54	23.59	26.58	<=30	Pass
3975		Inner_1RB_Left	24.18	24.24	27.22	23.54	23.60	26.58	<=30	Pass	
		Inner_1RB_Right	24.27	24.32	27.31	23.63	23.68	26.67	<=30	Pass	
		Outer_Full	23.05	23.07	26.07	22.41	22.43	25.43	<=30	Pass	
CP-OFDM 256 QAM		3840	Inner_Full	23.93	23.95	26.95	23.29	23.31	26.31	<=30	Pass
			Inner_1RB_Left	24.07	24.07	27.08	23.43	23.43	26.44	<=30	Pass
			Inner_1RB_Right	24.06	24.09	27.09	23.42	23.45	26.45	<=30	Pass
	3705	Outer_Full	23.14	23.26	26.21	22.50	22.62	25.57	<=30	Pass	
		Inner_Full	24.05	24.17	27.12	23.41	23.53	26.48	<=30	Pass	
		Inner_1RB_Left	24.08	24.21	27.15	23.44	23.57	26.52	<=30	Pass	
	CP-OFDM 64 QAM	3975	Inner_1RB_Right	24.12	24.25	27.20	23.48	23.61	26.56	<=30	Pass
			Outer_Full	22.68	22.73	25.71	22.04	22.09	25.08	<=30	Pass
			Inner_Full	22.77	22.82	25.80	22.13	22.18	25.17	<=30	Pass
3705		Inner_1RB_Left	22.61	22.66	25.65	21.97	22.02	25.01	<=30	Pass	
		Inner_1RB_Right	22.68	22.73	25.72	22.04	22.09	25.08	<=30	Pass	
		Outer_Full	22.56	22.58	25.58	21.92	21.94	24.94	<=30	Pass	
CP-OFDM 256 QAM		3840	Inner_Full	22.58	22.60	25.60	21.94	21.96	24.96	<=30	Pass
			Inner_1RB_Left	22.64	22.64	25.65	22.00	22.00	25.01	<=30	Pass
			Inner_1RB_Right	22.67	22.70	25.70	22.03	22.06	25.06	<=30	Pass
	3975	Outer_Full	22.61	22.73	25.68	21.97	22.09	25.04	<=30	Pass	
		Inner_Full	22.58	22.70	25.65	21.94	22.06	25.01	<=30	Pass	
		Inner_1RB_Left	22.69	22.82	25.77	22.05	22.18	25.13	<=30	Pass	
	CP-OFDM 16 QAM	3840	Inner_1RB_Right	22.69	22.81	25.76	22.05	22.17	25.12	<=30	Pass
			Outer_Full	19.69	19.75	22.73	19.05	19.11	22.09	<=30	Pass
			Inner_Full	19.68	19.74	22.72	19.04	19.10	22.08	<=30	Pass
3705		Inner_1RB_Left	19.37	19.43	22.41	18.73	18.79	21.77	<=30	Pass	
		Inner_1RB_Right	19.38	19.44	22.42	18.74	18.80	21.78	<=30	Pass	
		Outer_Full	19.54	19.56	22.56	18.90	18.92	21.92	<=30	Pass	
3840		Inner_Full	19.45	19.48	22.48	18.81	18.84	21.84	<=30	Pass	
		Inner_1RB_Left	19.09	19.10	22.10	18.45	18.46	21.47	<=30	Pass	
		Inner_1RB_Right	19.24	19.28	22.27	18.60	18.64	21.63	<=30	Pass	
3975	Outer_Full	19.55	19.67	22.62	18.91	19.03	21.98	<=30	Pass		
	Inner_Full	19.51	19.63	22.58	18.87	18.99	21.94	<=30	Pass		
	Inner_1RB_Left	19.27	19.41	22.35	18.63	18.77	21.71	<=30	Pass		
3705	Inner_1RB_Right	19.43	19.56	22.51	18.79	18.92	21.87	<=30	Pass		

Note1: Antenna Gain: Ant1: -0.64dBi; Ant2: -0.64dBi;  
 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\_M\_15M\_NTNV\_EIRP

5G NR n77a 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	25.65	25.70	28.69	25.01	25.06	28.05	<=30	Pass
		Inner_Full	26.25	26.30	29.29	25.61	25.66	28.65	<=30	Pass
		Inner_1RB_Left	26.08	26.12	29.11	25.44	25.48	28.47	<=30	Pass
		Inner_1RB_Right	26.20	26.23	29.22	25.56	25.59	28.59	<=30	Pass
	3840	Outer_Full	25.57	25.58	28.59	24.93	24.94	27.95	<=30	Pass
		Inner_Full	26.09	26.11	29.11	25.45	25.47	28.47	<=30	Pass

	3972.48	Inner_1RB_Left	26.15	26.14	29.15	25.51	25.50	28.52	<=30	Pass	
		Inner_1RB_Right	26.20	26.23	29.22	25.56	25.59	28.59	<=30	Pass	
		Outer_Full	25.56	25.69	28.64	24.92	25.05	28.00	<=30	Pass	
		Inner_Full	26.24	26.37	29.32	25.60	25.73	28.68	<=30	Pass	
		Inner_1RB_Left	26.06	26.19	29.14	25.42	25.55	28.50	<=30	Pass	
DFT-s-OFDM QPSK	3707.52	Inner_1RB_Right	26.16	26.29	29.23	25.52	25.65	28.60	<=30	Pass	
		Outer_Full	25.16	25.20	28.19	24.52	24.56	27.55	<=30	Pass	
		Inner_Full	26.23	26.28	29.26	25.59	25.64	28.63	<=30	Pass	
		Inner_1RB_Left	26.12	26.16	29.15	25.48	25.52	28.51	<=30	Pass	
		Inner_1RB_Right	26.23	26.27	29.26	25.59	25.63	28.62	<=30	Pass	
	3840	Outer_Full	24.98	24.99	28.00	24.34	24.35	27.36	<=30	Pass	
		Inner_Full	26.13	26.15	29.15	25.49	25.51	28.51	<=30	Pass	
		Inner_1RB_Left	26.16	26.15	29.17	25.52	25.51	28.53	<=30	Pass	
		Inner_1RB_Right	26.10	26.14	29.13	25.46	25.50	28.49	<=30	Pass	
	3972.48	Outer_Full	25.08	25.21	28.16	24.44	24.57	27.52	<=30	Pass	
		Inner_Full	26.26	26.39	29.34	25.62	25.75	28.70	<=30	Pass	
		Inner_1RB_Left	26.10	26.23	29.18	25.46	25.59	28.54	<=30	Pass	
		Inner_1RB_Right	26.14	26.28	29.22	25.50	25.64	28.58	<=30	Pass	
	DFT-s-OFDM 16 QAM	3707.52	Outer_Full	24.08	24.13	27.12	23.44	23.49	26.48	<=30	Pass
			Inner_Full	24.98	25.02	28.01	24.34	24.38	27.37	<=30	Pass
Inner_1RB_Left			25.13	25.16	28.16	24.49	24.52	27.52	<=30	Pass	
Inner_1RB_Right			25.32	25.35	28.34	24.68	24.71	27.71	<=30	Pass	
3840		Outer_Full	24.03	24.04	27.05	23.39	23.40	26.41	<=30	Pass	
		Inner_Full	25.16	25.17	28.18	24.52	24.53	27.54	<=30	Pass	
		Inner_1RB_Left	25.34	25.33	28.35	24.70	24.69	27.71	<=30	Pass	
3972.48		Inner_1RB_Right	25.28	25.31	28.30	24.64	24.67	27.67	<=30	Pass	
		Outer_Full	24.07	24.20	27.14	23.43	23.56	26.51	<=30	Pass	
		Inner_Full	25.06	25.18	28.13	24.42	24.54	27.49	<=30	Pass	
		Inner_1RB_Left	25.20	25.34	28.28	24.56	24.70	27.64	<=30	Pass	
DFT-s-OFDM 64 QAM		3707.52	Inner_1RB_Right	25.20	25.33	28.28	24.56	24.69	27.64	<=30	Pass
			Outer_Full	23.59	23.64	26.63	22.95	23.00	25.99	<=30	Pass
			Inner_Full	23.62	23.67	26.65	22.98	23.03	26.02	<=30	Pass
			Inner_1RB_Left	23.59	23.62	26.62	22.95	22.98	25.98	<=30	Pass
	3840	Inner_1RB_Right	23.68	23.71	26.71	23.04	23.07	26.07	<=30	Pass	
		Outer_Full	23.64	23.65	26.66	23.00	23.01	26.02	<=30	Pass	
		Inner_Full	23.60	23.62	26.62	22.96	22.98	25.98	<=30	Pass	
	3972.48	Inner_1RB_Left	23.65	23.65	26.66	23.01	23.01	26.02	<=30	Pass	
		Inner_1RB_Right	23.62	23.66	26.65	22.98	23.02	26.01	<=30	Pass	
		Outer_Full	23.64	23.77	26.72	23.00	23.13	26.08	<=30	Pass	
		Inner_Full	23.63	23.75	26.70	22.99	23.11	26.06	<=30	Pass	
	DFT-s-OFDM 256 QAM	3707.52	Inner_1RB_Left	23.62	23.75	26.70	22.98	23.11	26.06	<=30	Pass
			Inner_1RB_Right	23.70	23.83	26.78	23.06	23.19	26.14	<=30	Pass
			Outer_Full	21.54	21.59	24.57	20.90	20.95	23.94	<=30	Pass
			Inner_Full	21.54	21.59	24.57	20.90	20.95	23.94	<=30	Pass
3840		Inner_1RB_Left	21.28	21.31	24.31	20.64	20.67	23.67	<=30	Pass	
		Inner_1RB_Right	21.32	21.35	24.35	20.68	20.71	23.71	<=30	Pass	
		Outer_Full	21.46	21.48	24.48	20.82	20.84	23.84	<=30	Pass	
		Inner_Full	21.43	21.45	24.45	20.79	20.81	23.81	<=30	Pass	
3972.48		Inner_1RB_Left	21.30	21.29	24.30	20.66	20.65	23.67	<=30	Pass	
		Inner_1RB_Right	21.12	21.16	24.15	20.48	20.52	23.51	<=30	Pass	
		Outer_Full	21.50	21.63	24.58	20.86	20.99	23.94	<=30	Pass	
		Inner_Full	21.51	21.64	24.59	20.87	21.00	23.95	<=30	Pass	
CP-OFDM QPSK		3707.52	Inner_1RB_Left	21.15	21.29	24.23	20.51	20.65	23.59	<=30	Pass
			Inner_1RB_Right	21.19	21.33	24.27	20.55	20.69	23.63	<=30	Pass
			Outer_Full	23.19	23.23	26.22	22.55	22.59	25.58	<=30	Pass
	Inner_Full		24.86	24.90	27.89	24.22	24.26	27.25	<=30	Pass	
	3840	Inner_1RB_Left	24.73	24.76	27.76	24.09	24.12	27.12	<=30	Pass	
		Inner_1RB_Right	24.77	24.80	27.79	24.13	24.16	27.16	<=30	Pass	
		Outer_Full	23.05	23.06	26.07	22.41	22.42	25.43	<=30	Pass	
		Outer_Full	23.05	23.06	26.07	22.41	22.42	25.43	<=30	Pass	

	3972.48	Inner_Full	24.76	24.77	27.78	24.12	24.13	27.14	<=30	Pass	
		Inner_1RB_Left	24.81	24.80	27.81	24.17	24.16	27.18	<=30	Pass	
		Inner_1RB_Right	24.57	24.61	27.60	23.93	23.97	26.96	<=30	Pass	
		Outer_Full	22.99	23.12	26.07	22.35	22.48	25.43	<=30	Pass	
		Inner_Full	24.69	24.81	27.76	24.05	24.17	27.12	<=30	Pass	
		Inner_1RB_Left	24.67	24.80	27.75	24.03	24.16	27.11	<=30	Pass	
		Inner_1RB_Right	24.62	24.75	27.70	23.98	24.11	27.06	<=30	Pass	
		Outer_Full	23.18	23.22	26.21	22.54	22.58	25.57	<=30	Pass	
		Inner_Full	24.21	24.26	27.24	23.57	23.62	26.61	<=30	Pass	
CP-OFDM 16 QAM	3707.52	Inner_1RB_Left	24.13	24.17	27.16	23.49	23.53	26.52	<=30	Pass	
		Inner_1RB_Right	24.21	24.23	27.23	23.57	23.59	26.59	<=30	Pass	
		Outer_Full	23.05	23.06	26.06	22.41	22.42	25.43	<=30	Pass	
		Inner_Full	24.07	24.09	27.09	23.43	23.45	26.45	<=30	Pass	
	3840	Inner_1RB_Left	24.17	24.16	27.17	23.53	23.52	26.54	<=30	Pass	
		Inner_1RB_Right	24.11	24.15	27.14	23.47	23.51	26.50	<=30	Pass	
		Outer_Full	22.99	23.12	26.07	22.35	22.48	25.43	<=30	Pass	
	3972.48	Inner_Full	24.24	24.37	27.32	23.60	23.73	26.68	<=30	Pass	
		Inner_1RB_Left	23.92	24.06	27.00	23.28	23.42	26.36	<=30	Pass	
		Inner_1RB_Right	23.96	24.10	27.04	23.32	23.46	26.40	<=30	Pass	
		Outer_Full	22.54	22.58	25.57	21.90	21.94	24.93	<=30	Pass	
	CP-OFDM 64 QAM	3707.52	Inner_Full	22.56	22.61	25.59	21.92	21.97	24.96	<=30	Pass
			Inner_1RB_Left	22.45	22.48	25.47	21.81	21.84	24.84	<=30	Pass
			Inner_1RB_Right	22.69	22.72	25.71	22.05	22.08	25.08	<=30	Pass
			Outer_Full	22.44	22.46	25.46	21.80	21.82	24.82	<=30	Pass
3840		Inner_Full	22.50	22.51	25.51	21.86	21.87	24.88	<=30	Pass	
		Inner_1RB_Left	22.47	22.46	25.48	21.83	21.82	24.84	<=30	Pass	
		Inner_1RB_Right	22.69	22.72	25.71	22.05	22.08	25.08	<=30	Pass	
3972.48		Outer_Full	22.45	22.58	25.53	21.81	21.94	24.89	<=30	Pass	
		Inner_Full	22.63	22.75	25.70	21.99	22.11	25.06	<=30	Pass	
		Inner_1RB_Left	22.57	22.71	25.65	21.93	22.07	25.01	<=30	Pass	
		Inner_1RB_Right	22.47	22.60	25.55	21.83	21.96	24.91	<=30	Pass	
CP-OFDM 256 QAM		3707.52	Outer_Full	19.63	19.68	22.66	18.99	19.04	22.03	<=30	Pass
			Inner_Full	19.66	19.71	22.70	19.02	19.07	22.06	<=30	Pass
			Inner_1RB_Left	19.28	19.32	22.31	18.64	18.68	21.67	<=30	Pass
			Inner_1RB_Right	19.36	19.39	22.38	18.72	18.75	21.75	<=30	Pass
	3840	Outer_Full	19.57	19.59	22.59	18.93	18.95	21.95	<=30	Pass	
		Inner_Full	19.55	19.56	22.57	18.91	18.92	21.93	<=30	Pass	
		Inner_1RB_Left	19.23	19.22	22.24	18.59	18.58	21.60	<=30	Pass	
	3972.48	Inner_1RB_Right	19.30	19.34	22.33	18.66	18.70	21.69	<=30	Pass	
		Outer_Full	19.43	19.56	22.50	18.79	18.92	21.87	<=30	Pass	
		Inner_Full	19.59	19.72	22.67	18.95	19.08	22.03	<=30	Pass	
		Inner_1RB_Left	19.26	19.40	22.34	18.62	18.76	21.70	<=30	Pass	
			Inner_1RB_Right	19.43	19.57	22.51	18.79	18.93	21.87	<=30	Pass
	Note1: Antenna Gain: Ant1: -0.64dBi; Ant2: -0.64dBi; 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\_M\_20M\_NTNV\_EIRP

5G NR n77a 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	25.64	25.67	28.67	25.00	25.03	28.03	<=30	Pass
		Inner_Full	26.13	26.18	29.17	25.49	25.54	28.53	<=30	Pass
		Inner_1RB_Left	25.99	26.03	29.02	25.35	25.39	28.38	<=30	Pass
		Inner_1RB_Right	26.19	26.20	29.21	25.55	25.56	28.57	<=30	Pass
	3840	Outer_Full	25.62	25.63	28.64	24.98	24.99	28.00	<=30	Pass
		Inner_Full	26.02	26.02	29.03	25.38	25.38	28.39	<=30	Pass

	3969.99	Inner_1RB_Left	26.01	25.99	29.01	25.37	25.35	28.37	<=30	Pass
		Inner_1RB_Right	26.10	26.14	29.13	25.46	25.50	28.49	<=30	Pass
		Outer_Full	25.63	25.75	28.70	24.99	25.11	28.06	<=30	Pass
		Inner_Full	26.17	26.28	29.23	25.53	25.64	28.60	<=30	Pass
		Inner_1RB_Left	25.99	26.14	29.08	25.35	25.50	28.44	<=30	Pass
		Inner_1RB_Right	26.12	26.24	29.19	25.48	25.60	28.55	<=30	Pass
DFT-s-OFDM QPSK	3710.01	Outer_Full	25.24	25.28	28.27	24.60	24.64	27.63	<=30	Pass
		Inner_Full	26.18	26.22	29.21	25.54	25.58	28.57	<=30	Pass
		Inner_1RB_Left	26.11	26.14	29.14	25.47	25.50	28.50	<=30	Pass
		Inner_1RB_Right	26.16	26.17	29.17	25.52	25.53	28.54	<=30	Pass
	3840	Outer_Full	25.08	25.09	28.10	24.44	24.45	27.46	<=30	Pass
		Inner_Full	26.09	26.10	29.11	25.45	25.46	28.47	<=30	Pass
		Inner_1RB_Left	25.98	25.96	28.98	25.34	25.32	28.34	<=30	Pass
		Inner_1RB_Right	26.05	26.08	29.08	25.41	25.44	28.44	<=30	Pass
	3969.99	Outer_Full	25.12	25.24	28.19	24.48	24.60	27.55	<=30	Pass
		Inner_Full	26.17	26.28	29.24	25.53	25.64	28.60	<=30	Pass
		Inner_1RB_Left	26.02	26.16	29.10	25.38	25.52	28.46	<=30	Pass
		Inner_1RB_Right	26.12	26.24	29.19	25.48	25.60	28.55	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Outer_Full	24.06	24.10	27.09	23.42	23.46	26.45	<=30	Pass
		Inner_Full	25.09	25.13	28.12	24.45	24.49	27.48	<=30	Pass
		Inner_1RB_Left	24.99	25.03	28.02	24.35	24.39	27.38	<=30	Pass
		Inner_1RB_Right	25.25	25.26	28.26	24.61	24.62	27.63	<=30	Pass
	3840	Outer_Full	24.03	24.04	27.05	23.39	23.40	26.41	<=30	Pass
		Inner_Full	25.12	25.13	28.13	24.48	24.49	27.50	<=30	Pass
		Inner_1RB_Left	25.18	25.15	28.18	24.54	24.51	27.54	<=30	Pass
		Inner_1RB_Right	25.19	25.22	28.21	24.55	24.58	27.58	<=30	Pass
	3969.99	Outer_Full	24.05	24.17	27.12	23.41	23.53	26.48	<=30	Pass
		Inner_Full	25.16	25.27	28.23	24.52	24.63	27.59	<=30	Pass
		Inner_1RB_Left	25.09	25.23	28.17	24.45	24.59	27.53	<=30	Pass
		Inner_1RB_Right	25.21	25.32	28.28	24.57	24.68	27.64	<=30	Pass
DFT-s-OFDM 64 QAM	3710.01	Outer_Full	23.56	23.60	26.59	22.92	22.96	25.95	<=30	Pass
		Inner_Full	23.56	23.61	26.59	22.92	22.97	25.96	<=30	Pass
		Inner_1RB_Left	23.41	23.45	26.44	22.77	22.81	25.80	<=30	Pass
		Inner_1RB_Right	23.70	23.71	26.71	23.06	23.07	26.08	<=30	Pass
	3840	Outer_Full	23.55	23.55	26.56	22.91	22.91	25.92	<=30	Pass
		Inner_Full	23.50	23.50	26.51	22.86	22.86	25.87	<=30	Pass
		Inner_1RB_Left	23.62	23.59	26.62	22.98	22.95	25.98	<=30	Pass
		Inner_1RB_Right	23.51	23.55	26.54	22.87	22.91	25.90	<=30	Pass
	3969.99	Outer_Full	23.62	23.74	26.69	22.98	23.10	26.05	<=30	Pass
		Inner_Full	23.63	23.75	26.70	22.99	23.11	26.06	<=30	Pass
		Inner_1RB_Left	23.53	23.68	26.62	22.89	23.04	25.98	<=30	Pass
		Inner_1RB_Right	23.57	23.69	26.64	22.93	23.05	26.00	<=30	Pass
DFT-s-OFDM 256 QAM	3710.01	Outer_Full	21.59	21.63	24.62	20.95	20.99	23.98	<=30	Pass
		Inner_Full	21.49	21.54	24.52	20.85	20.90	23.89	<=30	Pass
		Inner_1RB_Left	21.04	21.08	24.07	20.40	20.44	23.43	<=30	Pass
		Inner_1RB_Right	21.24	21.25	24.25	20.60	20.61	23.62	<=30	Pass
	3840	Outer_Full	21.52	21.52	24.53	20.88	20.88	23.89	<=30	Pass
		Inner_Full	21.49	21.49	24.50	20.85	20.85	23.86	<=30	Pass
		Inner_1RB_Left	21.29	21.27	24.29	20.65	20.63	23.65	<=30	Pass
		Inner_1RB_Right	21.21	21.24	24.24	20.57	20.60	23.60	<=30	Pass
	3969.99	Outer_Full	21.54	21.66	24.61	20.90	21.02	23.97	<=30	Pass
		Inner_Full	21.51	21.63	24.58	20.87	20.99	23.94	<=30	Pass
		Inner_1RB_Left	21.10	21.25	24.19	20.46	20.61	23.55	<=30	Pass
		Inner_1RB_Right	21.16	21.28	24.23	20.52	20.64	23.59	<=30	Pass
CP-OFDM QPSK	3710.01	Outer_Full	23.16	23.20	26.19	22.52	22.56	25.55	<=30	Pass
		Inner_Full	24.71	24.75	27.74	24.07	24.11	27.10	<=30	Pass
		Inner_1RB_Left	24.59	24.63	27.62	23.95	23.99	26.98	<=30	Pass
		Inner_1RB_Right	24.87	24.88	27.88	24.23	24.24	27.25	<=30	Pass
	3840	Outer_Full	23.10	23.11	26.12	22.46	22.47	25.48	<=30	Pass

	3969.99	Inner_Full	24.59	24.59	27.60	23.95	23.95	26.96	<=30	Pass
		Inner_1RB_Left	24.56	24.53	27.56	23.92	23.89	26.92	<=30	Pass
		Inner_1RB_Right	24.69	24.72	27.72	24.05	24.08	27.08	<=30	Pass
		Outer_Full	23.06	23.19	26.14	22.42	22.55	25.50	<=30	Pass
		Inner_Full	24.73	24.85	27.80	24.09	24.21	27.16	<=30	Pass
		Inner_1RB_Left	24.64	24.78	27.72	24.00	24.14	27.08	<=30	Pass
		Inner_1RB_Right	24.76	24.88	27.83	24.12	24.24	27.19	<=30	Pass
		Outer_Full	23.09	23.13	26.12	22.45	22.49	25.48	<=30	Pass
		Inner_Full	24.25	24.29	27.28	23.61	23.65	26.64	<=30	Pass
CP-OFDM 16 QAM	3710.01	Inner_1RB_Left	23.97	24.01	27.00	23.33	23.37	26.36	<=30	Pass
		Inner_1RB_Right	24.42	24.43	27.44	23.78	23.79	26.80	<=30	Pass
		Outer_Full	22.95	22.96	25.97	22.31	22.32	25.33	<=30	Pass
		Inner_Full	24.20	24.20	27.21	23.56	23.56	26.57	<=30	Pass
	3840	Inner_1RB_Left	23.86	23.83	26.86	23.22	23.19	26.22	<=30	Pass
		Inner_1RB_Right	24.12	24.16	27.15	23.48	23.52	26.51	<=30	Pass
		Outer_Full	23.10	23.22	26.17	22.46	22.58	25.53	<=30	Pass
	3969.99	Inner_Full	24.22	24.34	27.29	23.58	23.70	26.65	<=30	Pass
		Inner_1RB_Left	24.01	24.15	27.09	23.37	23.51	26.45	<=30	Pass
		Inner_1RB_Right	24.09	24.21	27.16	23.45	23.57	26.52	<=30	Pass
		Outer_Full	22.42	22.46	25.45	21.78	21.82	24.81	<=30	Pass
	CP-OFDM 64 QAM	3710.01	Inner_Full	22.54	22.59	25.57	21.90	21.95	24.94	<=30
Inner_1RB_Left			22.54	22.57	25.57	21.90	21.93	24.93	<=30	Pass
Inner_1RB_Right			22.59	22.60	25.60	21.95	21.96	24.97	<=30	Pass
Outer_Full			22.48	22.49	25.50	21.84	21.85	24.86	<=30	Pass
3840		Inner_Full	22.53	22.53	25.54	21.89	21.89	24.90	<=30	Pass
		Inner_1RB_Left	22.57	22.55	25.57	21.93	21.91	24.93	<=30	Pass
		Inner_1RB_Right	22.44	22.48	25.47	21.80	21.84	24.83	<=30	Pass
3969.99		Outer_Full	22.52	22.64	25.59	21.88	22.00	24.95	<=30	Pass
		Inner_Full	22.66	22.78	25.73	22.02	22.14	25.09	<=30	Pass
		Inner_1RB_Left	22.57	22.71	25.65	21.93	22.07	25.01	<=30	Pass
		Inner_1RB_Right	22.51	22.63	25.58	21.87	21.99	24.94	<=30	Pass
CP-OFDM 256 QAM		3710.01	Outer_Full	19.56	19.60	22.59	18.92	18.96	21.95	<=30
	Inner_Full		19.54	19.59	22.57	18.90	18.95	21.94	<=30	Pass
	Inner_1RB_Left		19.04	19.08	22.07	18.40	18.44	21.43	<=30	Pass
	Inner_1RB_Right		19.27	19.29	22.29	18.63	18.65	21.65	<=30	Pass
	3840	Outer_Full	19.54	19.55	22.56	18.90	18.91	21.92	<=30	Pass
		Inner_Full	19.51	19.52	22.53	18.87	18.88	21.89	<=30	Pass
		Inner_1RB_Left	19.20	19.18	22.20	18.56	18.54	21.56	<=30	Pass
	3969.99	Inner_1RB_Right	19.15	19.19	22.18	18.51	18.55	21.54	<=30	Pass
		Outer_Full	19.57	19.70	22.65	18.93	19.06	22.01	<=30	Pass
		Inner_Full	19.58	19.70	22.65	18.94	19.06	22.01	<=30	Pass
		Inner_1RB_Left	19.09	19.24	22.18	18.45	18.60	21.54	<=30	Pass
			Inner_1RB_Right	19.27	19.40	22.35	18.63	18.76	21.71	<=30
Note1: Antenna Gain: Ant1: -0.64dBi; Ant2: -0.64dBi; 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\_M\_25M\_NTNV\_EIRP

5G NR n77a 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	25.62	25.67	28.66	24.98	25.03	28.02	<=30	Pass
		Inner_Full	26.21	26.26	29.25	25.57	25.62	28.61	<=30	Pass
		Inner_1RB_Left	26.14	26.19	29.18	25.50	25.55	28.54	<=30	Pass
		Inner_1RB_Right	26.25	26.26	29.27	25.61	25.62	28.63	<=30	Pass
	3840	Outer_Full	25.57	25.58	28.58	24.93	24.94	27.95	<=30	Pass
		Inner_Full	26.17	26.18	29.19	25.53	25.54	28.55	<=30	Pass

	3967.5	Inner_1RB_Left	26.22	26.19	29.22	25.58	25.55	28.58	<=30	Pass	
		Inner_1RB_Right	26.26	26.31	29.30	25.62	25.67	28.66	<=30	Pass	
		Outer_Full	25.61	25.73	28.68	24.97	25.09	28.04	<=30	Pass	
		Inner_Full	26.23	26.34	29.29	25.59	25.70	28.66	<=30	Pass	
		Inner_1RB_Left	26.12	26.26	29.20	25.48	25.62	28.56	<=30	Pass	
DFT-s-OFDM QPSK	3712.5	Inner_1RB_Right	26.27	26.38	29.33	25.63	25.74	28.70	<=30	Pass	
		Outer_Full	25.07	25.12	28.10	24.43	24.48	27.47	<=30	Pass	
		Inner_Full	26.14	26.20	29.18	25.50	25.56	28.54	<=30	Pass	
		Inner_1RB_Left	26.09	26.14	29.12	25.45	25.50	28.49	<=30	Pass	
		Inner_1RB_Right	26.24	26.26	29.26	25.60	25.62	28.62	<=30	Pass	
	3840	Outer_Full	25.24	25.25	28.25	24.60	24.61	27.62	<=30	Pass	
		Inner_Full	26.17	26.18	29.19	25.53	25.54	28.55	<=30	Pass	
		Inner_1RB_Left	26.22	26.19	29.22	25.58	25.55	28.58	<=30	Pass	
		Inner_1RB_Right	26.28	26.34	29.32	25.64	25.70	28.68	<=30	Pass	
	3967.5	Outer_Full	25.11	25.22	28.18	24.47	24.58	27.54	<=30	Pass	
		Inner_Full	26.27	26.38	29.34	25.63	25.74	28.70	<=30	Pass	
		Inner_1RB_Left	26.14	26.27	29.22	25.50	25.63	28.58	<=30	Pass	
		Inner_1RB_Right	26.32	26.43	29.38	25.68	25.79	28.75	<=30	Pass	
	DFT-s-OFDM 16 QAM	3712.5	Outer_Full	24.11	24.16	27.15	23.47	23.52	26.51	<=30	Pass
			Inner_Full	25.03	25.09	28.07	24.39	24.45	27.43	<=30	Pass
Inner_1RB_Left			25.23	25.28	28.27	24.59	24.64	27.63	<=30	Pass	
Inner_1RB_Right			25.40	25.41	28.41	24.76	24.77	27.78	<=30	Pass	
3840		Outer_Full	24.12	24.13	27.14	23.48	23.49	26.50	<=30	Pass	
		Inner_Full	25.07	25.08	28.08	24.43	24.44	27.45	<=30	Pass	
		Inner_1RB_Left	25.14	25.12	28.14	24.50	24.48	27.50	<=30	Pass	
		Inner_1RB_Right	25.28	25.34	28.32	24.64	24.70	27.68	<=30	Pass	
3967.5		Outer_Full	24.19	24.31	27.26	23.55	23.67	26.62	<=30	Pass	
		Inner_Full	25.13	25.24	28.20	24.49	24.60	27.56	<=30	Pass	
		Inner_1RB_Left	25.10	25.24	28.18	24.46	24.60	27.54	<=30	Pass	
		Inner_1RB_Right	25.41	25.52	28.48	24.77	24.88	27.84	<=30	Pass	
DFT-s-OFDM 64 QAM		3712.5	Outer_Full	23.62	23.67	26.65	22.98	23.03	26.02	<=30	Pass
			Inner_Full	23.64	23.69	26.68	23.00	23.05	26.04	<=30	Pass
			Inner_1RB_Left	23.57	23.62	26.61	22.93	22.98	25.97	<=30	Pass
	Inner_1RB_Right		23.69	23.70	26.70	23.05	23.06	26.07	<=30	Pass	
	3840	Outer_Full	23.63	23.64	26.65	22.99	23.00	26.01	<=30	Pass	
		Inner_Full	23.60	23.61	26.61	22.96	22.97	25.98	<=30	Pass	
		Inner_1RB_Left	23.66	23.63	26.65	23.02	22.99	26.02	<=30	Pass	
		Inner_1RB_Right	23.74	23.80	26.78	23.10	23.16	26.14	<=30	Pass	
	3967.5	Outer_Full	23.72	23.83	26.79	23.08	23.19	26.15	<=30	Pass	
		Inner_Full	23.68	23.79	26.74	23.04	23.15	26.11	<=30	Pass	
		Inner_1RB_Left	23.65	23.79	26.73	23.01	23.15	26.09	<=30	Pass	
		Inner_1RB_Right	23.70	23.81	26.77	23.06	23.17	26.13	<=30	Pass	
	DFT-s-OFDM 256 QAM	3712.5	Outer_Full	21.57	21.62	24.61	20.93	20.98	23.97	<=30	Pass
			Inner_Full	21.52	21.58	24.56	20.88	20.94	23.92	<=30	Pass
			Inner_1RB_Left	21.17	21.22	24.21	20.53	20.58	23.57	<=30	Pass
Inner_1RB_Right			21.37	21.38	24.39	20.73	20.74	23.75	<=30	Pass	
3840		Outer_Full	21.56	21.57	24.58	20.92	20.93	23.94	<=30	Pass	
		Inner_Full	21.45	21.47	24.47	20.81	20.83	23.83	<=30	Pass	
		Inner_1RB_Left	21.36	21.34	24.36	20.72	20.70	23.72	<=30	Pass	
		Inner_1RB_Right	21.50	21.55	24.54	20.86	20.91	23.90	<=30	Pass	
3967.5		Outer_Full	21.60	21.72	24.67	20.96	21.08	24.03	<=30	Pass	
		Inner_Full	21.50	21.62	24.57	20.86	20.98	23.93	<=30	Pass	
		Inner_1RB_Left	21.15	21.29	24.23	20.51	20.65	23.59	<=30	Pass	
		Inner_1RB_Right	21.37	21.48	24.43	20.73	20.84	23.80	<=30	Pass	
CP-OFDM QPSK		3712.5	Outer_Full	23.24	23.28	26.27	22.60	22.64	25.63	<=30	Pass
			Inner_Full	24.81	24.87	27.85	24.17	24.23	27.21	<=30	Pass
			Inner_1RB_Left	24.75	24.80	27.78	24.11	24.16	27.15	<=30	Pass
	Inner_1RB_Right		24.91	24.92	27.93	24.27	24.28	27.29	<=30	Pass	
	3840	Outer_Full	23.20	23.21	26.22	22.56	22.57	25.58	<=30	Pass	

		Inner_Full	24.70	24.71	27.71	24.06	24.07	27.08	<=30	Pass	
		Inner_1RB_Left	24.71	24.68	27.70	24.07	24.04	27.07	<=30	Pass	
		Inner_1RB_Right	24.92	24.97	27.96	24.28	24.33	27.32	<=30	Pass	
	3967.5	Outer_Full	23.23	23.35	26.30	22.59	22.71	25.66	<=30	Pass	
		Inner_Full	24.72	24.84	27.79	24.08	24.20	27.15	<=30	Pass	
		Inner_1RB_Left	24.72	24.86	27.80	24.08	24.22	27.16	<=30	Pass	
	CP-OFDM 16 QAM	3712.5	Inner_1RB_Right	24.91	25.02	27.98	24.27	24.38	27.34	<=30	Pass
			Outer_Full	23.12	23.17	26.16	22.48	22.53	25.52	<=30	Pass
			Inner_Full	24.19	24.25	27.23	23.55	23.61	26.59	<=30	Pass
3840		Inner_1RB_Left	24.22	24.27	27.26	23.58	23.63	26.62	<=30	Pass	
		Inner_1RB_Right	24.31	24.32	27.33	23.67	23.68	26.69	<=30	Pass	
		Outer_Full	23.06	23.07	26.07	22.42	22.43	25.44	<=30	Pass	
3967.5		Inner_Full	24.15	24.16	27.17	23.51	23.52	26.53	<=30	Pass	
		Inner_1RB_Left	24.14	24.12	27.14	23.50	23.48	26.50	<=30	Pass	
		Inner_1RB_Right	24.08	24.14	27.12	23.44	23.50	26.48	<=30	Pass	
CP-OFDM 64 QAM	3712.5	Outer_Full	23.09	23.21	26.16	22.45	22.57	25.52	<=30	Pass	
		Inner_Full	24.20	24.31	27.27	23.56	23.67	26.63	<=30	Pass	
		Inner_1RB_Left	24.10	24.24	27.18	23.46	23.60	26.54	<=30	Pass	
	3840	Inner_1RB_Right	24.28	24.39	27.35	23.64	23.75	26.71	<=30	Pass	
		Outer_Full	22.61	22.66	25.64	21.97	22.02	25.01	<=30	Pass	
		Inner_Full	22.62	22.68	25.66	21.98	22.04	25.02	<=30	Pass	
	3967.5	Inner_1RB_Left	22.57	22.62	25.60	21.93	21.98	24.97	<=30	Pass	
		Inner_1RB_Right	22.67	22.68	25.68	22.03	22.04	25.05	<=30	Pass	
		Outer_Full	22.66	22.68	25.68	22.02	22.04	25.04	<=30	Pass	
CP-OFDM 256 QAM	3712.5	Inner_Full	22.56	22.57	25.57	21.92	21.93	24.94	<=30	Pass	
		Inner_1RB_Left	22.47	22.45	25.47	21.83	21.81	24.83	<=30	Pass	
		Inner_1RB_Right	22.85	22.91	25.89	22.21	22.27	25.25	<=30	Pass	
	3840	Outer_Full	22.62	22.74	25.69	21.98	22.10	25.05	<=30	Pass	
		Inner_Full	22.68	22.80	25.75	22.04	22.16	25.11	<=30	Pass	
		Inner_1RB_Left	22.69	22.82	25.77	22.05	22.18	25.13	<=30	Pass	
	3967.5	Inner_1RB_Right	22.89	23.00	25.95	22.25	22.36	25.32	<=30	Pass	
		Outer_Full	19.69	19.74	22.72	19.05	19.10	22.09	<=30	Pass	
		Inner_Full	19.59	19.65	22.63	18.95	19.01	21.99	<=30	Pass	
CP-OFDM 256 QAM	3712.5	Inner_1RB_Left	19.13	19.18	22.16	18.49	18.54	21.53	<=30	Pass	
		Inner_1RB_Right	19.32	19.34	22.34	18.68	18.70	21.70	<=30	Pass	
		Outer_Full	19.64	19.65	22.65	19.00	19.01	22.02	<=30	Pass	
	3840	Inner_Full	19.54	19.55	22.55	18.90	18.91	21.92	<=30	Pass	
		Inner_1RB_Left	19.16	19.14	22.16	18.52	18.50	21.52	<=30	Pass	
		Inner_1RB_Right	19.50	19.56	22.54	18.86	18.92	21.90	<=30	Pass	
	3967.5	Outer_Full	19.00	19.12	22.07	18.36	18.48	21.43	<=30	Pass	
		Inner_Full	17.92	18.04	20.99	17.28	17.40	20.35	<=30	Pass	
		Inner_1RB_Left	18.48	18.62	21.56	17.84	17.98	20.92	<=30	Pass	
		Inner_1RB_Right	17.95	18.07	21.02	17.31	17.43	20.38	<=30	Pass	
Note1: Antenna Gain: Ant1: -0.64dBi; Ant2: -0.64dBi; 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											

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5G NR n77a 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	25.58	25.62	28.61	24.94	24.98	27.97	<=30	Pass
		Inner_Full	26.20	26.24	29.23	25.56	25.60	28.59	<=30	Pass
		Inner_1RB_Left	26.16	26.21	29.19	25.52	25.57	28.56	<=30	Pass
		Inner_1RB_Right	26.31	26.32	29.33	25.67	25.68	28.69	<=30	Pass
	3840	Outer_Full	25.71	25.72	28.73	25.07	25.08	28.09	<=30	Pass
		Inner_Full	26.31	26.31	29.32	25.67	25.67	28.68	<=30	Pass



	3964.98	Inner_1RB_Left	26.17	26.14	29.17	25.53	25.50	28.53	<=30	Pass
		Inner_1RB_Right	26.34	26.41	29.39	25.70	25.77	28.75	<=30	Pass
		Outer_Full	25.61	25.74	28.69	24.97	25.10	28.05	<=30	Pass
		Inner_Full	26.17	26.30	29.24	25.53	25.66	28.61	<=30	Pass
		Inner_1RB_Left	26.10	26.23	29.17	25.46	25.59	28.54	<=30	Pass
DFT-s-OFDM QPSK	3715.02	Inner_1RB_Right	26.28	26.41	29.35	25.64	25.77	28.72	<=30	Pass
		Outer_Full	25.12	25.16	28.15	24.48	24.52	27.51	<=30	Pass
		Inner_Full	26.16	26.21	29.20	25.52	25.57	28.56	<=30	Pass
		Inner_1RB_Left	26.09	26.15	29.13	25.45	25.51	28.49	<=30	Pass
	3840	Inner_1RB_Right	26.34	26.35	29.36	25.70	25.71	28.72	<=30	Pass
		Outer_Full	25.12	25.14	28.14	24.48	24.50	27.50	<=30	Pass
		Inner_Full	26.28	26.29	29.30	25.64	25.65	28.66	<=30	Pass
		Inner_1RB_Left	26.13	26.10	29.13	25.49	25.46	28.49	<=30	Pass
	3964.98	Inner_1RB_Right	26.35	26.42	29.40	25.71	25.78	28.76	<=30	Pass
		Outer_Full	25.07	25.20	28.14	24.43	24.56	27.51	<=30	Pass
		Inner_Full	26.25	26.38	29.33	25.61	25.74	28.69	<=30	Pass
		Inner_1RB_Left	26.09	26.22	29.17	25.45	25.58	28.53	<=30	Pass
DFT-s-OFDM 16 QAM	3715.02	Inner_1RB_Right	26.31	26.44	29.38	25.67	25.80	28.75	<=30	Pass
		Outer_Full	24.17	24.21	27.20	23.53	23.57	26.56	<=30	Pass
		Inner_Full	25.10	25.15	28.14	24.46	24.51	27.50	<=30	Pass
		Inner_1RB_Left	25.14	25.19	28.17	24.50	24.55	27.54	<=30	Pass
	3840	Inner_1RB_Right	25.38	25.40	28.40	24.74	24.76	27.76	<=30	Pass
		Outer_Full	24.21	24.22	27.22	23.57	23.58	26.59	<=30	Pass
		Inner_Full	25.11	25.12	28.12	24.47	24.48	27.49	<=30	Pass
		Inner_1RB_Left	25.34	25.31	28.33	24.70	24.67	27.70	<=30	Pass
	3964.98	Inner_1RB_Right	25.38	25.45	28.42	24.74	24.81	27.79	<=30	Pass
		Outer_Full	24.14	24.27	27.21	23.50	23.63	26.58	<=30	Pass
		Inner_Full	25.05	25.19	28.13	24.41	24.55	27.49	<=30	Pass
		Inner_1RB_Left	25.09	25.22	28.17	24.45	24.58	27.53	<=30	Pass
DFT-s-OFDM 64 QAM	3715.02	Inner_1RB_Right	25.42	25.54	28.49	24.78	24.90	27.85	<=30	Pass
		Outer_Full	23.68	23.72	26.71	23.04	23.08	26.07	<=30	Pass
		Inner_Full	23.62	23.67	26.65	22.98	23.03	26.02	<=30	Pass
		Inner_1RB_Left	23.53	23.59	26.57	22.89	22.95	25.93	<=30	Pass
	3840	Inner_1RB_Right	23.83	23.84	26.85	23.19	23.20	26.21	<=30	Pass
		Outer_Full	23.74	23.76	26.76	23.10	23.12	26.12	<=30	Pass
		Inner_Full	23.67	23.69	26.69	23.03	23.05	26.05	<=30	Pass
		Inner_1RB_Left	23.74	23.72	26.74	23.10	23.08	26.10	<=30	Pass
	3964.98	Inner_1RB_Right	23.80	23.87	26.85	23.16	23.23	26.21	<=30	Pass
		Outer_Full	23.63	23.76	26.71	22.99	23.12	26.07	<=30	Pass
		Inner_Full	23.61	23.75	26.69	22.97	23.11	26.05	<=30	Pass
		Inner_1RB_Left	23.56	23.69	26.63	22.92	23.05	26.00	<=30	Pass
DFT-s-OFDM 256 QAM	3715.02	Inner_1RB_Right	23.75	23.87	26.82	23.11	23.23	26.18	<=30	Pass
		Outer_Full	21.61	21.65	24.64	20.97	21.01	24.00	<=30	Pass
		Inner_Full	21.56	21.61	24.60	20.92	20.97	23.96	<=30	Pass
		Inner_1RB_Left	21.24	21.30	24.28	20.60	20.66	23.64	<=30	Pass
	3840	Inner_1RB_Right	21.55	21.56	24.56	20.91	20.92	23.93	<=30	Pass
		Outer_Full	21.69	21.71	24.71	21.05	21.07	24.07	<=30	Pass
		Inner_Full	21.60	21.61	24.62	20.96	20.97	23.98	<=30	Pass
		Inner_1RB_Left	21.26	21.23	24.25	20.62	20.59	23.62	<=30	Pass
	3964.98	Inner_1RB_Right	21.35	21.42	24.39	20.71	20.78	23.76	<=30	Pass
		Outer_Full	21.56	21.69	24.64	20.92	21.05	24.00	<=30	Pass
		Inner_Full	21.58	21.71	24.66	20.94	21.07	24.02	<=30	Pass
		Inner_1RB_Left	21.20	21.33	24.28	20.56	20.69	23.64	<=30	Pass
CP-OFDM QPSK	3715.02	Inner_1RB_Right	21.32	21.45	24.39	20.68	20.81	23.76	<=30	Pass
		Outer_Full	23.12	23.16	26.15	22.48	22.52	25.51	<=30	Pass
		Inner_Full	24.71	24.75	27.74	24.07	24.11	27.10	<=30	Pass
		Inner_1RB_Left	24.83	24.88	27.86	24.19	24.24	27.23	<=30	Pass
	3840	Inner_1RB_Right	24.91	24.92	27.93	24.27	24.28	27.29	<=30	Pass
	3840	Outer_Full	23.16	23.17	26.17	22.52	22.53	25.54	<=30	Pass

	3964.98	Inner_Full	24.63	24.65	27.65	23.99	24.01	27.01	<=30	Pass	
		Inner_1RB_Left	24.75	24.72	27.74	24.11	24.08	27.11	<=30	Pass	
		Inner_1RB_Right	24.84	24.91	27.89	24.20	24.27	27.25	<=30	Pass	
		Outer_Full	23.11	23.24	26.19	22.47	22.60	25.55	<=30	Pass	
		Inner_Full	24.56	24.70	27.64	23.92	24.06	27.00	<=30	Pass	
		Inner_1RB_Left	24.63	24.76	27.71	23.99	24.12	27.07	<=30	Pass	
		Inner_1RB_Right	24.75	24.88	27.83	24.11	24.24	27.19	<=30	Pass	
		Outer_Full	23.11	23.15	26.14	22.47	22.51	25.50	<=30	Pass	
		Inner_Full	24.20	24.25	27.23	23.56	23.61	26.60	<=30	Pass	
CP-OFDM 16 QAM	3715.02	Inner_1RB_Left	24.32	24.37	27.35	23.68	23.73	26.72	<=30	Pass	
		Inner_1RB_Right	24.37	24.39	27.39	23.73	23.75	26.75	<=30	Pass	
		Outer_Full	23.04	23.05	26.05	22.40	22.41	25.42	<=30	Pass	
		Inner_Full	24.24	24.26	27.26	23.60	23.62	26.62	<=30	Pass	
	3840	Inner_1RB_Left	24.24	24.21	27.24	23.60	23.57	26.60	<=30	Pass	
		Inner_1RB_Right	24.18	24.25	27.23	23.54	23.61	26.59	<=30	Pass	
		Outer_Full	23.07	23.20	26.15	22.43	22.56	25.51	<=30	Pass	
	3964.98	Inner_Full	24.19	24.32	27.26	23.55	23.68	26.63	<=30	Pass	
		Inner_1RB_Left	24.27	24.39	27.34	23.63	23.75	26.70	<=30	Pass	
		Inner_1RB_Right	24.46	24.58	27.53	23.82	23.94	26.89	<=30	Pass	
		Outer_Full	22.62	22.66	25.65	21.98	22.02	25.01	<=30	Pass	
	CP-OFDM 64 QAM	3715.02	Inner_Full	22.57	22.61	25.60	21.93	21.97	24.96	<=30	Pass
			Inner_1RB_Left	22.57	22.62	25.60	21.93	21.98	24.97	<=30	Pass
			Inner_1RB_Right	22.78	22.79	25.80	22.14	22.15	25.16	<=30	Pass
			Outer_Full	22.59	22.61	25.61	21.95	21.97	24.97	<=30	Pass
3840		Inner_Full	22.67	22.69	25.69	22.03	22.05	25.05	<=30	Pass	
		Inner_1RB_Left	22.54	22.52	25.54	21.90	21.88	24.90	<=30	Pass	
		Inner_1RB_Right	22.56	22.63	25.61	21.92	21.99	24.97	<=30	Pass	
3964.98		Outer_Full	22.62	22.75	25.70	21.98	22.11	25.06	<=30	Pass	
		Inner_Full	22.53	22.66	25.60	21.89	22.02	24.97	<=30	Pass	
		Inner_1RB_Left	22.52	22.65	25.60	21.88	22.01	24.96	<=30	Pass	
		Inner_1RB_Right	22.55	22.67	25.62	21.91	22.03	24.98	<=30	Pass	
CP-OFDM 256 QAM		3715.02	Outer_Full	19.63	19.67	22.66	18.99	19.03	22.02	<=30	Pass
			Inner_Full	19.65	19.69	22.68	19.01	19.05	22.04	<=30	Pass
			Inner_1RB_Left	19.27	19.32	22.31	18.63	18.68	21.67	<=30	Pass
			Inner_1RB_Right	19.53	19.55	22.55	18.89	18.91	21.91	<=30	Pass
	3840	Outer_Full	19.73	19.75	22.76	19.09	19.11	22.11	<=30	Pass	
		Inner_Full	19.60	19.62	22.62	18.96	18.98	21.98	<=30	Pass	
		Inner_1RB_Left	19.23	19.21	22.23	18.59	18.57	21.59	<=30	Pass	
	3964.98	Inner_1RB_Right	19.42	19.49	22.47	18.78	18.85	21.83	<=30	Pass	
		Outer_Full	19.64	19.77	22.72	19.00	19.13	22.08	<=30	Pass	
		Inner_Full	19.60	19.74	22.68	18.96	19.10	22.04	<=30	Pass	
		Inner_1RB_Left	19.24	19.37	22.32	18.60	18.73	21.68	<=30	Pass	
			Inner_1RB_Right	19.36	19.49	22.44	18.72	18.85	21.80	<=30	Pass
	Note1: Antenna Gain: Ant1: -0.64dBi; Ant2: -0.64dBi; 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\_M\_40M\_NTNV\_EIRP

5G NR n77a 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	25.72	25.77	28.76	25.08	25.13	28.12	<=30	Pass
		Inner_Full	26.23	26.27	29.26	25.59	25.63	28.62	<=30	Pass
		Inner_1RB_Left	25.91	25.98	28.95	25.27	25.34	28.32	<=30	Pass
		Inner_1RB_Right	26.33	26.37	29.36	25.69	25.73	28.72	<=30	Pass
	3840	Outer_Full	25.68	25.70	28.70	25.04	25.06	28.06	<=30	Pass
		Inner_Full	26.17	26.17	29.18	25.53	25.53	28.54	<=30	Pass

	3960	Inner_1RB_Left	25.89	25.86	28.88	25.25	25.22	28.25	<=30	Pass
		Inner_1RB_Right	26.34	26.42	29.39	25.70	25.78	28.75	<=30	Pass
		Outer_Full	25.78	25.86	28.83	25.14	25.22	28.19	<=30	Pass
		Inner_Full	26.29	26.38	29.34	25.65	25.74	28.71	<=30	Pass
		Inner_1RB_Left	26.03	26.06	29.05	25.39	25.42	28.42	<=30	Pass
DFT-s-OFDM QPSK	3720	Inner_1RB_Right	26.33	26.41	29.38	25.69	25.77	28.74	<=30	Pass
		Outer_Full	25.27	25.32	28.31	24.63	24.68	27.67	<=30	Pass
		Inner_Full	26.24	26.28	29.27	25.60	25.64	28.63	<=30	Pass
		Inner_1RB_Left	25.95	26.03	29.00	25.31	25.39	28.36	<=30	Pass
	3840	Inner_1RB_Right	26.31	26.34	29.34	25.67	25.70	28.70	<=30	Pass
		Outer_Full	25.14	25.15	28.15	24.50	24.51	27.52	<=30	Pass
		Inner_Full	26.20	26.21	29.22	25.56	25.57	28.58	<=30	Pass
		Inner_1RB_Left	25.81	25.77	28.80	25.17	25.13	28.16	<=30	Pass
	3960	Inner_1RB_Right	26.28	26.37	29.33	25.64	25.73	28.70	<=30	Pass
		Outer_Full	25.27	25.35	28.32	24.63	24.71	27.68	<=30	Pass
		Inner_Full	26.28	26.37	29.33	25.64	25.73	28.70	<=30	Pass
		Inner_1RB_Left	26.08	26.11	29.11	25.44	25.47	28.47	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Inner_1RB_Right	26.38	26.45	29.42	25.74	25.81	28.79	<=30	Pass
		Outer_Full	24.18	24.23	27.21	23.54	23.59	26.58	<=30	Pass
		Inner_Full	25.17	25.22	28.21	24.53	24.58	27.57	<=30	Pass
		Inner_1RB_Left	25.07	25.14	28.11	24.43	24.50	27.48	<=30	Pass
	3840	Inner_1RB_Right	25.40	25.44	28.43	24.76	24.80	27.79	<=30	Pass
		Outer_Full	24.12	24.14	27.14	23.48	23.50	26.50	<=30	Pass
		Inner_Full	25.09	25.10	28.10	24.45	24.46	27.47	<=30	Pass
		Inner_1RB_Left	24.89	24.86	27.89	24.25	24.22	27.25	<=30	Pass
	3960	Inner_1RB_Right	25.37	25.46	28.42	24.73	24.82	27.79	<=30	Pass
		Outer_Full	24.16	24.24	27.21	23.52	23.60	26.57	<=30	Pass
		Inner_Full	25.23	25.32	28.28	24.59	24.68	27.65	<=30	Pass
		Inner_1RB_Left	25.14	25.17	28.17	24.50	24.53	27.53	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Inner_1RB_Right	25.33	25.41	28.38	24.69	24.77	27.74	<=30	Pass
		Outer_Full	23.62	23.67	26.66	22.98	23.03	26.02	<=30	Pass
		Inner_Full	23.70	23.75	26.74	23.06	23.11	26.10	<=30	Pass
		Inner_1RB_Left	23.46	23.53	26.51	22.82	22.89	25.87	<=30	Pass
	3840	Inner_1RB_Right	23.82	23.86	26.85	23.18	23.22	26.21	<=30	Pass
		Outer_Full	23.63	23.64	26.64	22.99	23.00	26.01	<=30	Pass
		Inner_Full	23.64	23.65	26.65	23.00	23.01	26.02	<=30	Pass
		Inner_1RB_Left	23.49	23.46	26.48	22.85	22.82	25.85	<=30	Pass
	3960	Inner_1RB_Right	23.78	23.87	26.84	23.14	23.23	26.20	<=30	Pass
		Outer_Full	23.80	23.88	26.85	23.16	23.24	26.21	<=30	Pass
		Inner_Full	23.72	23.81	26.77	23.08	23.17	26.14	<=30	Pass
		Inner_1RB_Left	23.53	23.56	26.55	22.89	22.92	25.92	<=30	Pass
DFT-s-OFDM 256 QAM	3720	Inner_1RB_Right	23.72	23.80	26.77	23.08	23.16	26.13	<=30	Pass
		Outer_Full	4.47	4.55	7.52	3.83	3.91	6.88	<=30	Pass
		Inner_Full	14.79	14.84	17.83	14.15	14.20	17.19	<=30	Pass
		Inner_1RB_Left	16.86	16.94	19.91	16.22	16.30	19.27	<=30	Pass
	3840	Inner_1RB_Right	14.00	14.04	17.03	13.36	13.40	16.39	<=30	Pass
		Outer_Full	21.60	21.61	24.61	20.96	20.97	23.98	<=30	Pass
		Inner_Full	21.52	21.53	24.54	20.88	20.89	23.90	<=30	Pass
		Inner_1RB_Left	21.04	21.01	24.04	20.40	20.37	23.40	<=30	Pass
	3960	Inner_1RB_Right	21.38	21.47	24.44	20.74	20.83	23.80	<=30	Pass
		Outer_Full	21.72	21.80	24.77	21.08	21.16	24.13	<=30	Pass
		Inner_Full	21.61	21.70	24.67	20.97	21.06	24.03	<=30	Pass
		Inner_1RB_Left	21.20	21.22	24.22	20.56	20.58	23.58	<=30	Pass
CP-OFDM QPSK	3720	Inner_1RB_Right	21.36	21.44	24.41	20.72	20.80	23.77	<=30	Pass
		Outer_Full	23.20	23.25	26.24	22.56	22.61	25.60	<=30	Pass
		Inner_Full	24.65	24.70	27.69	24.01	24.06	27.05	<=30	Pass
		Inner_1RB_Left	24.59	24.66	27.64	23.95	24.02	27.00	<=30	Pass
3840	Outer_Full	24.93	24.97	27.96	24.29	24.33	27.32	<=30	Pass	
		Outer_Full	23.18	23.19	26.19	22.54	22.55	25.56	<=30	Pass

		Inner_Full	24.64	24.65	27.66	24.00	24.01	27.02	<=30	Pass	
		Inner_1RB_Left	24.45	24.42	27.44	23.81	23.78	26.81	<=30	Pass	
		Inner_1RB_Right	24.95	25.04	28.01	24.31	24.40	27.37	<=30	Pass	
	3960	Outer_Full	23.11	23.19	26.16	22.47	22.55	25.52	<=30	Pass	
		Inner_Full	24.73	24.82	27.79	24.09	24.18	27.15	<=30	Pass	
		Inner_1RB_Left	24.71	24.73	27.73	24.07	24.09	27.09	<=30	Pass	
	CP-OFDM 16 QAM	3720	Inner_1RB_Right	24.80	24.88	27.85	24.16	24.24	27.21	<=30	Pass
			Outer_Full	23.05	23.10	26.09	22.41	22.46	25.45	<=30	Pass
			Inner_Full	24.20	24.25	27.24	23.56	23.61	26.60	<=30	Pass
3840		Inner_1RB_Left	24.23	24.30	27.28	23.59	23.66	26.64	<=30	Pass	
		Inner_1RB_Right	24.42	24.46	27.45	23.78	23.82	26.81	<=30	Pass	
		Outer_Full	23.07	23.08	26.09	22.43	22.44	25.45	<=30	Pass	
3960		Inner_Full	24.15	24.16	27.16	23.51	23.52	26.53	<=30	Pass	
		Inner_1RB_Left	23.79	23.75	26.78	23.15	23.11	26.14	<=30	Pass	
		Inner_1RB_Right	24.60	24.69	27.65	23.96	24.05	27.02	<=30	Pass	
CP-OFDM 64 QAM	3720	Outer_Full	23.15	23.23	26.20	22.51	22.59	25.56	<=30	Pass	
		Inner_Full	24.26	24.35	27.32	23.62	23.71	26.68	<=30	Pass	
		Inner_1RB_Left	23.94	23.96	26.96	23.30	23.32	26.32	<=30	Pass	
	3840	Inner_1RB_Right	24.45	24.52	27.49	23.81	23.88	26.86	<=30	Pass	
		Outer_Full	22.59	22.64	25.62	21.95	22.00	24.99	<=30	Pass	
		Inner_Full	22.66	22.70	25.69	22.02	22.06	25.05	<=30	Pass	
	3960	Inner_1RB_Left	22.45	22.52	25.49	21.81	21.88	24.86	<=30	Pass	
		Inner_1RB_Right	22.80	22.84	25.83	22.16	22.20	25.19	<=30	Pass	
		Outer_Full	22.59	22.60	25.60	21.95	21.96	24.97	<=30	Pass	
CP-OFDM 256 QAM	3720	Inner_Full	22.52	22.53	25.53	21.88	21.89	24.90	<=30	Pass	
		Inner_1RB_Left	22.29	22.25	25.28	21.65	21.61	24.64	<=30	Pass	
		Inner_1RB_Right	22.88	22.97	25.94	22.24	22.33	25.30	<=30	Pass	
	3840	Outer_Full	22.68	22.75	25.73	22.04	22.11	25.09	<=30	Pass	
		Inner_Full	22.66	22.75	25.71	22.02	22.11	25.08	<=30	Pass	
		Inner_1RB_Left	22.40	22.42	25.42	21.76	21.78	24.78	<=30	Pass	
	3960	Inner_1RB_Right	22.72	22.79	25.77	22.08	22.15	25.13	<=30	Pass	
		Outer_Full	19.68	19.73	22.71	19.04	19.09	22.08	<=30	Pass	
		Inner_Full	19.71	19.76	22.74	19.07	19.12	22.11	<=30	Pass	
CP-OFDM 256 QAM	3720	Inner_1RB_Left	19.21	19.29	22.26	18.57	18.65	21.62	<=30	Pass	
		Inner_1RB_Right	19.42	19.46	22.45	18.78	18.82	21.81	<=30	Pass	
		Outer_Full	19.62	19.64	22.64	18.98	19.00	22.00	<=30	Pass	
	3840	Inner_Full	19.62	19.63	22.63	18.98	18.99	22.00	<=30	Pass	
		Inner_1RB_Left	19.00	18.97	22.00	18.36	18.33	21.36	<=30	Pass	
		Inner_1RB_Right	19.37	19.46	22.42	18.73	18.82	21.79	<=30	Pass	
	3960	Outer_Full	19.69	19.77	22.74	19.05	19.13	22.10	<=30	Pass	
		Inner_Full	19.72	19.81	22.78	19.08	19.17	22.14	<=30	Pass	
		Inner_1RB_Left	19.22	19.24	22.24	18.58	18.60	21.60	<=30	Pass	
		Inner_1RB_Right	19.53	19.61	22.58	18.89	18.97	21.94	<=30	Pass	
Note1: Antenna Gain: Ant1: -0.64dBi; Ant2: -0.64dBi; 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\_M\_50M\_NTNV\_EIRP

5G NR n77a 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	25.58	25.61	28.61	24.94	24.97	27.97	<=30	Pass
		Inner_Full	26.29	26.30	29.31	25.65	25.66	28.67	<=30	Pass
		Inner_1RB_Left	25.98	26.03	29.02	25.34	25.39	28.38	<=30	Pass
		Inner_1RB_Right	26.28	26.29	29.30	25.64	25.65	28.66	<=30	Pass
	3840	Outer_Full	25.60	25.61	28.62	24.96	24.97	27.98	<=30	Pass
		Inner_Full	26.21	26.20	29.21	25.57	25.56	28.58	<=30	Pass

	3954.99	Inner_1RB_Left	25.78	25.75	28.78	25.14	25.11	28.14	<=30	Pass
		Inner_1RB_Right	26.45	26.53	29.50	25.81	25.89	28.86	<=30	Pass
		Outer_Full	25.58	25.64	28.62	24.94	25.00	27.98	<=30	Pass
		Inner_Full	26.24	26.32	29.29	25.60	25.68	28.65	<=30	Pass
		Inner_1RB_Left	25.97	25.98	28.99	25.33	25.34	28.35	<=30	Pass
		Inner_1RB_Right	26.34	26.42	29.39	25.70	25.78	28.75	<=30	Pass
DFT-s-OFDM QPSK	3725.01	Outer_Full	25.17	25.20	28.20	24.53	24.56	27.56	<=30	Pass
		Inner_Full	26.35	26.36	29.37	25.71	25.72	28.73	<=30	Pass
		Inner_1RB_Left	25.93	25.98	28.97	25.29	25.34	28.33	<=30	Pass
		Inner_1RB_Right	26.39	26.39	29.40	25.75	25.75	28.76	<=30	Pass
	3840	Outer_Full	25.04	25.05	28.05	24.40	24.41	27.42	<=30	Pass
		Inner_Full	26.15	26.15	29.16	25.51	25.51	28.52	<=30	Pass
		Inner_1RB_Left	26.02	25.99	29.02	25.38	25.35	28.38	<=30	Pass
		Inner_1RB_Right	26.53	26.62	29.58	25.89	25.98	28.95	<=30	Pass
	3954.99	Outer_Full	25.26	25.32	28.30	24.62	24.68	27.66	<=30	Pass
		Inner_Full	26.28	26.36	29.33	25.64	25.72	28.69	<=30	Pass
		Inner_1RB_Left	26.16	26.17	29.18	25.52	25.53	28.54	<=30	Pass
		Inner_1RB_Right	26.31	26.39	29.36	25.67	25.75	28.72	<=30	Pass
DFT-s-OFDM 16 QAM	3725.01	Outer_Full	24.44	24.46	27.46	23.80	23.82	26.82	<=30	Pass
		Inner_Full	25.35	25.36	28.37	24.71	24.72	27.73	<=30	Pass
		Inner_1RB_Left	25.13	25.18	28.17	24.49	24.54	27.53	<=30	Pass
		Inner_1RB_Right	25.46	25.46	28.47	24.82	24.82	27.83	<=30	Pass
	3840	Outer_Full	24.24	24.25	27.26	23.60	23.61	26.62	<=30	Pass
		Inner_Full	25.22	25.22	28.23	24.58	24.58	27.59	<=30	Pass
		Inner_1RB_Left	25.04	25.01	28.03	24.40	24.37	27.40	<=30	Pass
		Inner_1RB_Right	25.68	25.77	28.74	25.04	25.13	28.10	<=30	Pass
	3954.99	Outer_Full	24.28	24.34	27.32	23.64	23.70	26.68	<=30	Pass
		Inner_Full	25.23	25.31	28.28	24.59	24.67	27.64	<=30	Pass
		Inner_1RB_Left	25.24	25.25	28.26	24.60	24.61	27.62	<=30	Pass
		Inner_1RB_Right	25.42	25.49	28.47	24.78	24.85	27.83	<=30	Pass
DFT-s-OFDM 64 QAM	3725.01	Outer_Full	23.77	23.79	26.79	23.13	23.15	26.15	<=30	Pass
		Inner_Full	23.85	23.86	26.86	23.21	23.22	26.23	<=30	Pass
		Inner_1RB_Left	23.56	23.61	26.59	22.92	22.97	25.96	<=30	Pass
		Inner_1RB_Right	23.86	23.87	26.88	23.22	23.23	26.24	<=30	Pass
	3840	Outer_Full	23.68	23.69	26.69	23.04	23.05	26.06	<=30	Pass
		Inner_Full	23.75	23.75	26.76	23.11	23.11	26.12	<=30	Pass
		Inner_1RB_Left	23.43	23.41	26.43	22.79	22.77	25.79	<=30	Pass
		Inner_1RB_Right	24.02	24.10	27.07	23.38	23.46	26.43	<=30	Pass
	3954.99	Outer_Full	23.72	23.78	26.76	23.08	23.14	26.12	<=30	Pass
		Inner_Full	23.75	23.83	26.80	23.11	23.19	26.16	<=30	Pass
		Inner_1RB_Left	23.71	23.72	26.73	23.07	23.08	26.09	<=30	Pass
		Inner_1RB_Right	23.96	24.04	27.01	23.32	23.40	26.37	<=30	Pass
DFT-s-OFDM 256 QAM	3725.01	Outer_Full	21.79	21.82	24.82	21.15	21.18	24.18	<=30	Pass
		Inner_Full	21.81	21.83	24.83	21.17	21.19	24.19	<=30	Pass
		Inner_1RB_Left	21.18	21.23	24.21	20.54	20.59	23.58	<=30	Pass
		Inner_1RB_Right	21.49	21.49	24.50	20.85	20.85	23.86	<=30	Pass
	3840	Outer_Full	21.66	21.66	24.67	21.02	21.02	24.03	<=30	Pass
		Inner_Full	21.72	21.71	24.73	21.08	21.07	24.09	<=30	Pass
		Inner_1RB_Left	21.10	21.07	24.10	20.46	20.43	23.46	<=30	Pass
		Inner_1RB_Right	21.63	21.72	24.68	20.99	21.08	24.05	<=30	Pass
	3954.99	Outer_Full	21.76	21.82	24.80	21.12	21.18	24.16	<=30	Pass
		Inner_Full	21.75	21.83	24.80	21.11	21.19	24.16	<=30	Pass
		Inner_1RB_Left	21.15	21.16	24.16	20.51	20.52	23.53	<=30	Pass
		Inner_1RB_Right	21.45	21.53	24.50	20.81	20.89	23.86	<=30	Pass
CP-OFDM QPSK	3725.01	Outer_Full	23.26	23.28	26.28	22.62	22.64	25.64	<=30	Pass
		Inner_Full	24.90	24.91	27.91	24.26	24.27	27.28	<=30	Pass
		Inner_1RB_Left	24.67	24.72	27.70	24.03	24.08	27.07	<=30	Pass
		Inner_1RB_Right	25.04	25.04	28.05	24.40	24.40	27.41	<=30	Pass
	3840	Outer_Full	23.17	23.18	26.18	22.53	22.54	25.55	<=30	Pass

	3954.99	Inner_Full	24.82	24.82	27.83	24.18	24.18	27.19	<=30	Pass	
		Inner_1RB_Left	24.60	24.57	27.60	23.96	23.93	26.96	<=30	Pass	
		Inner_1RB_Right	25.21	25.30	28.27	24.57	24.66	27.63	<=30	Pass	
		Outer_Full	23.20	23.26	26.24	22.56	22.62	25.60	<=30	Pass	
		Inner_Full	24.87	24.95	27.92	24.23	24.31	27.28	<=30	Pass	
		Inner_1RB_Left	24.85	24.86	27.87	24.21	24.22	27.23	<=30	Pass	
		Inner_1RB_Right	25.12	25.19	28.17	24.48	24.55	27.53	<=30	Pass	
		Outer_Full	23.27	23.30	26.30	22.63	22.66	25.66	<=30	Pass	
		Inner_Full	24.42	24.43	27.44	23.78	23.79	26.80	<=30	Pass	
CP-OFDM 16 QAM	3725.01	Inner_1RB_Left	24.37	24.42	27.40	23.73	23.78	26.77	<=30	Pass	
		Inner_1RB_Right	24.44	24.44	27.45	23.80	23.80	26.81	<=30	Pass	
		Outer_Full	23.22	23.23	26.24	22.58	22.59	25.60	<=30	Pass	
		Inner_Full	24.32	24.31	27.32	23.68	23.67	26.69	<=30	Pass	
	3840	Inner_1RB_Left	24.20	24.17	27.19	23.56	23.53	26.56	<=30	Pass	
		Inner_1RB_Right	24.71	24.80	27.77	24.07	24.16	27.13	<=30	Pass	
		Outer_Full	23.19	23.25	26.23	22.55	22.61	25.59	<=30	Pass	
	3954.99	Inner_Full	24.34	24.42	27.39	23.70	23.78	26.75	<=30	Pass	
		Inner_1RB_Left	24.44	24.45	27.45	23.80	23.81	26.82	<=30	Pass	
		Inner_1RB_Right	24.68	24.75	27.73	24.04	24.11	27.09	<=30	Pass	
		Outer_Full	22.79	22.81	25.81	22.15	22.17	25.17	<=30	Pass	
	CP-OFDM 64 QAM	3725.01	Inner_Full	22.85	22.86	25.87	22.21	22.22	25.23	<=30	Pass
			Inner_1RB_Left	22.58	22.64	25.62	21.94	22.00	24.98	<=30	Pass
			Inner_1RB_Right	22.96	22.97	25.97	22.32	22.33	25.34	<=30	Pass
			Outer_Full	22.68	22.68	25.69	22.04	22.04	25.05	<=30	Pass
3840		Inner_Full	22.70	22.70	25.71	22.06	22.06	25.07	<=30	Pass	
		Inner_1RB_Left	22.43	22.41	25.43	21.79	21.77	24.79	<=30	Pass	
		Inner_1RB_Right	23.16	23.25	26.22	22.52	22.61	25.58	<=30	Pass	
3954.99		Outer_Full	22.74	22.81	25.79	22.10	22.17	25.15	<=30	Pass	
		Inner_Full	22.75	22.83	25.80	22.11	22.19	25.16	<=30	Pass	
		Inner_1RB_Left	22.57	22.58	25.59	21.93	21.94	24.95	<=30	Pass	
		Inner_1RB_Right	22.87	22.94	25.92	22.23	22.30	25.28	<=30	Pass	
CP-OFDM 256 QAM		3725.01	Outer_Full	19.81	19.84	22.84	19.17	19.20	22.20	<=30	Pass
			Inner_Full	19.83	19.85	22.85	19.19	19.21	22.21	<=30	Pass
			Inner_1RB_Left	19.34	19.39	22.37	18.70	18.75	21.74	<=30	Pass
			Inner_1RB_Right	19.51	19.52	22.52	18.87	18.88	21.89	<=30	Pass
	3840	Outer_Full	19.72	19.72	22.73	19.08	19.08	22.09	<=30	Pass	
		Inner_Full	19.78	19.78	22.79	19.14	19.14	22.15	<=30	Pass	
		Inner_1RB_Left	19.17	19.15	22.17	18.53	18.51	21.53	<=30	Pass	
	3954.99	Inner_1RB_Right	19.65	19.74	22.71	19.01	19.10	22.07	<=30	Pass	
		Outer_Full	19.80	19.86	22.84	19.16	19.22	22.20	<=30	Pass	
		Inner_Full	19.87	19.95	22.92	19.23	19.31	22.28	<=30	Pass	
		Inner_1RB_Left	19.29	19.31	22.31	18.65	18.67	21.67	<=30	Pass	
			Inner_1RB_Right	19.60	19.68	22.65	18.96	19.04	22.01	<=30	Pass
	Note1: Antenna Gain: Ant1: -0.64dBi; Ant2: -0.64dBi; 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\_M\_60M\_NTNV\_EIRP

5G NR n77a 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	25.66	25.68	28.68	25.02	25.04	28.04	<=30	Pass
		Inner_Full	26.21	26.22	29.23	25.57	25.58	28.59	<=30	Pass
		Inner_1RB_Left	25.78	25.84	28.82	25.14	25.20	28.18	<=30	Pass
		Inner_1RB_Right	26.21	26.19	29.21	25.57	25.55	28.57	<=30	Pass
	3840	Outer_Full	25.58	25.59	28.60	24.94	24.95	27.96	<=30	Pass
		Inner_Full	26.17	26.16	29.17	25.53	25.52	28.54	<=30	Pass

	3949.98	Inner_1RB_Left	25.65	25.63	28.65	25.01	24.99	28.01	<=30	Pass
		Inner_1RB_Right	26.44	26.55	29.51	25.80	25.91	28.87	<=30	Pass
		Outer_Full	25.70	25.74	28.73	25.06	25.10	28.09	<=30	Pass
		Inner_Full	26.22	26.26	29.25	25.58	25.62	28.61	<=30	Pass
		Inner_1RB_Left	25.97	25.96	28.97	25.33	25.32	28.34	<=30	Pass
		Inner_1RB_Right	26.29	26.34	29.32	25.65	25.70	28.69	<=30	Pass
DFT-s-OFDM QPSK	3730.02	Outer_Full	25.18	25.20	28.20	24.54	24.56	27.56	<=30	Pass
		Inner_Full	26.15	26.16	29.16	25.51	25.52	28.53	<=30	Pass
		Inner_1RB_Left	25.83	25.88	28.86	25.19	25.24	28.23	<=30	Pass
		Inner_1RB_Right	26.20	26.18	29.20	25.56	25.54	28.56	<=30	Pass
	3840	Outer_Full	25.13	25.14	28.14	24.49	24.50	27.51	<=30	Pass
		Inner_Full	26.12	26.12	29.13	25.48	25.48	28.49	<=30	Pass
		Inner_1RB_Left	25.61	25.59	28.61	24.97	24.95	27.97	<=30	Pass
		Inner_1RB_Right	26.50	26.60	29.56	25.86	25.96	28.92	<=30	Pass
	3949.98	Outer_Full	25.14	25.18	28.17	24.50	24.54	27.53	<=30	Pass
		Inner_Full	26.23	26.28	29.27	25.59	25.64	28.63	<=30	Pass
		Inner_1RB_Left	25.96	25.94	28.96	25.32	25.30	28.32	<=30	Pass
		Inner_1RB_Right	26.38	26.43	29.41	25.74	25.79	28.78	<=30	Pass
DFT-s-OFDM 16 QAM	3730.02	Outer_Full	24.11	24.14	27.13	23.47	23.50	26.50	<=30	Pass
		Inner_Full	25.16	25.18	28.18	24.52	24.54	27.54	<=30	Pass
		Inner_1RB_Left	24.98	25.04	28.02	24.34	24.40	27.38	<=30	Pass
		Inner_1RB_Right	25.26	25.24	28.26	24.62	24.60	27.62	<=30	Pass
	3840	Outer_Full	24.11	24.12	27.12	23.47	23.48	26.49	<=30	Pass
		Inner_Full	25.03	25.03	28.04	24.39	24.39	27.40	<=30	Pass
		Inner_1RB_Left	24.84	24.82	27.84	24.20	24.18	27.20	<=30	Pass
		Inner_1RB_Right	25.47	25.57	28.53	24.83	24.93	27.89	<=30	Pass
	3949.98	Outer_Full	24.15	24.19	27.18	23.51	23.55	26.54	<=30	Pass
		Inner_Full	25.09	25.14	28.13	24.45	24.50	27.49	<=30	Pass
		Inner_1RB_Left	25.09	25.08	28.10	24.45	24.44	27.46	<=30	Pass
		Inner_1RB_Right	25.34	25.39	28.38	24.70	24.75	27.74	<=30	Pass
DFT-s-OFDM 64 QAM	3730.02	Outer_Full	23.56	23.59	26.59	22.92	22.95	25.95	<=30	Pass
		Inner_Full	23.62	23.64	26.64	22.98	23.00	26.00	<=30	Pass
		Inner_1RB_Left	23.31	23.37	26.35	22.67	22.73	25.71	<=30	Pass
		Inner_1RB_Right	23.74	23.73	26.74	23.10	23.09	26.11	<=30	Pass
	3840	Outer_Full	23.51	23.52	26.53	22.87	22.88	25.89	<=30	Pass
		Inner_Full	23.55	23.55	26.56	22.91	22.91	25.92	<=30	Pass
		Inner_1RB_Left	23.12	23.10	26.12	22.48	22.46	25.48	<=30	Pass
		Inner_1RB_Right	23.74	23.85	26.81	23.10	23.21	26.17	<=30	Pass
	3949.98	Outer_Full	23.63	23.66	26.65	22.99	23.02	26.02	<=30	Pass
		Inner_Full	23.71	23.75	26.74	23.07	23.11	26.10	<=30	Pass
		Inner_1RB_Left	23.48	23.47	26.48	22.84	22.83	25.85	<=30	Pass
		Inner_1RB_Right	23.74	23.79	26.78	23.10	23.15	26.14	<=30	Pass
DFT-s-OFDM 256 QAM	3730.02	Outer_Full	21.55	21.58	24.57	20.91	20.94	23.94	<=30	Pass
		Inner_Full	21.55	21.56	24.57	20.91	20.92	23.93	<=30	Pass
		Inner_1RB_Left	20.97	21.02	24.01	20.33	20.38	23.37	<=30	Pass
		Inner_1RB_Right	21.30	21.29	24.30	20.66	20.65	23.67	<=30	Pass
	3840	Outer_Full	21.55	21.56	24.56	20.91	20.92	23.93	<=30	Pass
		Inner_Full	21.59	21.59	24.60	20.95	20.95	23.96	<=30	Pass
		Inner_1RB_Left	20.84	20.82	23.84	20.20	20.18	23.20	<=30	Pass
		Inner_1RB_Right	21.51	21.62	24.58	20.87	20.98	23.94	<=30	Pass
	3949.98	Outer_Full	21.65	21.68	24.68	21.01	21.04	24.04	<=30	Pass
		Inner_Full	21.63	21.67	24.66	20.99	21.03	24.02	<=30	Pass
		Inner_1RB_Left	21.01	21.00	24.01	20.37	20.36	23.38	<=30	Pass
		Inner_1RB_Right	21.31	21.36	24.35	20.67	20.72	23.71	<=30	Pass
CP-OFDM QPSK	3730.02	Outer_Full	23.06	23.09	26.09	22.42	22.45	25.45	<=30	Pass
		Inner_Full	24.62	24.63	27.63	23.98	23.99	27.00	<=30	Pass
		Inner_1RB_Left	24.41	24.46	27.44	23.77	23.82	26.81	<=30	Pass
		Inner_1RB_Right	24.85	24.84	27.85	24.21	24.20	27.22	<=30	Pass
	3840	Outer_Full	22.99	23.00	26.01	22.35	22.36	25.37	<=30	Pass

CP-OFDM 16 QAM	3949.98	Inner_Full	24.58	24.58	27.59	23.94	23.94	26.95	<=30	Pass
		Inner_1RB_Left	24.40	24.38	27.40	23.76	23.74	26.76	<=30	Pass
		Inner_1RB_Right	25.11	25.21	28.17	24.47	24.57	27.53	<=30	Pass
	3730.02	Outer_Full	23.15	23.18	26.17	22.51	22.54	25.54	<=30	Pass
		Inner_Full	24.64	24.69	27.68	24.00	24.05	27.04	<=30	Pass
		Inner_1RB_Left	24.62	24.60	27.62	23.98	23.96	26.98	<=30	Pass
	3840	Inner_1RB_Right	24.80	24.85	27.84	24.16	24.21	27.20	<=30	Pass
		Outer_Full	23.05	23.08	26.07	22.41	22.44	25.44	<=30	Pass
		Inner_Full	24.16	24.17	27.18	23.52	23.53	26.54	<=30	Pass
CP-OFDM 64 QAM	3730.02	Inner_1RB_Left	24.15	24.20	27.18	23.51	23.56	26.55	<=30	Pass
		Inner_1RB_Right	24.21	24.20	27.22	23.57	23.56	26.58	<=30	Pass
		Outer_Full	22.98	22.99	26.00	22.34	22.35	25.36	<=30	Pass
	3840	Inner_Full	24.09	24.09	27.10	23.45	23.45	26.46	<=30	Pass
		Inner_1RB_Left	23.57	23.55	26.57	22.93	22.91	25.93	<=30	Pass
		Inner_1RB_Right	24.58	24.68	27.64	23.94	24.04	27.00	<=30	Pass
	3949.98	Outer_Full	23.14	23.18	26.17	22.50	22.54	25.53	<=30	Pass
		Inner_Full	24.17	24.22	27.21	23.53	23.58	26.57	<=30	Pass
		Inner_1RB_Left	24.04	24.03	27.05	23.40	23.39	26.41	<=30	Pass
CP-OFDM 256 QAM	3730.02	Inner_1RB_Right	24.24	24.29	27.28	23.60	23.65	26.64	<=30	Pass
		Outer_Full	22.55	22.57	25.57	21.91	21.93	24.93	<=30	Pass
		Inner_Full	22.60	22.62	25.62	21.96	21.98	24.98	<=30	Pass
	3840	Inner_1RB_Left	22.21	22.27	25.25	21.57	21.63	24.61	<=30	Pass
		Inner_1RB_Right	22.65	22.64	25.66	22.01	22.00	25.02	<=30	Pass
		Outer_Full	22.53	22.54	25.55	21.89	21.90	24.91	<=30	Pass
	3949.98	Inner_Full	22.53	22.52	25.53	21.89	21.88	24.90	<=30	Pass
		Inner_1RB_Left	22.16	22.15	25.17	21.52	21.51	24.53	<=30	Pass
		Inner_1RB_Right	22.85	22.95	25.91	22.21	22.31	25.27	<=30	Pass
CP-OFDM 256 QAM	3730.02	Outer_Full	22.61	22.65	25.64	21.97	22.01	25.00	<=30	Pass
		Inner_Full	22.56	22.61	25.60	21.92	21.97	24.96	<=30	Pass
		Inner_1RB_Left	22.40	22.39	25.41	21.76	21.75	24.77	<=30	Pass
	3840	Inner_1RB_Right	22.87	22.92	25.91	22.23	22.28	25.27	<=30	Pass
		Outer_Full	19.66	19.68	22.68	19.02	19.04	22.04	<=30	Pass
		Inner_Full	19.62	19.63	22.64	18.98	18.99	22.00	<=30	Pass
	3949.98	Inner_1RB_Left	19.03	19.09	22.07	18.39	18.45	21.43	<=30	Pass
		Inner_1RB_Right	19.61	19.60	22.62	18.97	18.96	21.98	<=30	Pass
		Outer_Full	19.54	19.55	22.55	18.90	18.91	21.92	<=30	Pass
3840	Inner_Full	19.52	19.52	22.53	18.88	18.88	21.89	<=30	Pass	
	Inner_1RB_Left	18.93	18.91	21.93	18.29	18.27	21.29	<=30	Pass	
	Inner_1RB_Right	19.61	19.71	22.67	18.97	19.07	22.03	<=30	Pass	
3949.98	Outer_Full	19.67	19.71	22.70	19.03	19.07	22.06	<=30	Pass	
	Inner_Full	19.69	19.74	22.73	19.05	19.10	22.09	<=30	Pass	
	Inner_1RB_Left	19.10	19.09	22.10	18.46	18.45	21.47	<=30	Pass	
		Inner_1RB_Right	19.54	19.59	22.57	18.90	18.95	21.94	<=30	Pass
Note1: Antenna Gain: Ant1: -0.64dBi; Ant2: -0.64dBi; 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\_M\_70M\_NTNV\_EIRP

5G NR n77a 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	25.59	25.62	28.62	24.95	24.98	27.98	<=30	Pass
		Inner_Full	26.18	26.21	29.21	25.54	25.57	28.57	<=30	Pass
		Inner_1RB_Left	25.88	25.94	28.92	25.24	25.30	28.28	<=30	Pass
		Inner_1RB_Right	26.25	26.24	29.26	25.61	25.60	28.62	<=30	Pass
	3840	Outer_Full	25.59	25.60	28.60	24.95	24.96	27.97	<=30	Pass
		Inner_Full	26.09	26.08	29.09	25.45	25.44	28.46	<=30	Pass



	3945	Inner_1RB_Left	25.63	25.61	28.63	24.99	24.97	27.99	<=30	Pass
		Inner_1RB_Right	26.43	26.57	29.51	25.79	25.93	28.87	<=30	Pass
		Outer_Full	25.60	25.66	28.64	24.96	25.02	28.00	<=30	Pass
		Inner_Full	26.25	26.31	29.29	25.61	25.67	28.65	<=30	Pass
		Inner_1RB_Left	25.97	25.98	28.99	25.33	25.34	28.35	<=30	Pass
DFT-s-OFDM QPSK	3735	Inner_1RB_Right	26.35	26.44	29.40	25.71	25.80	28.77	<=30	Pass
		Outer_Full	25.12	25.15	28.14	24.48	24.51	27.51	<=30	Pass
		Inner_Full	26.21	26.24	29.23	25.57	25.60	28.60	<=30	Pass
		Inner_1RB_Left	25.87	25.94	28.91	25.23	25.30	28.28	<=30	Pass
	3840	Inner_1RB_Right	26.27	26.26	29.27	25.63	25.62	28.64	<=30	Pass
		Outer_Full	25.03	25.04	28.05	24.39	24.40	27.41	<=30	Pass
		Inner_Full	26.16	26.14	29.16	25.52	25.50	28.52	<=30	Pass
		Inner_1RB_Left	25.70	25.69	28.71	25.06	25.05	28.07	<=30	Pass
	3945	Inner_1RB_Right	26.46	26.61	29.55	25.82	25.97	28.91	<=30	Pass
		Outer_Full	25.26	25.32	28.30	24.62	24.68	27.66	<=30	Pass
		Inner_Full	26.11	26.18	29.16	25.47	25.54	28.52	<=30	Pass
		Inner_1RB_Left	26.00	26.01	29.01	25.36	25.37	28.38	<=30	Pass
DFT-s-OFDM 16 QAM	3735	Inner_1RB_Right	26.38	26.47	29.43	25.74	25.83	28.80	<=30	Pass
		Outer_Full	24.20	24.23	27.22	23.56	23.59	26.59	<=30	Pass
		Inner_Full	25.18	25.21	28.21	24.54	24.57	27.57	<=30	Pass
		Inner_1RB_Left	25.05	25.12	28.10	24.41	24.48	27.46	<=30	Pass
	3840	Inner_1RB_Right	25.50	25.50	28.51	24.86	24.86	27.87	<=30	Pass
		Outer_Full	24.05	24.06	27.07	23.41	23.42	26.43	<=30	Pass
		Inner_Full	25.10	25.09	28.10	24.46	24.45	27.47	<=30	Pass
		Inner_1RB_Left	24.99	24.97	27.99	24.35	24.33	27.35	<=30	Pass
	3945	Inner_1RB_Right	25.84	25.98	28.92	25.20	25.34	28.28	<=30	Pass
		Outer_Full	24.20	24.26	27.24	23.56	23.62	26.60	<=30	Pass
		Inner_Full	25.15	25.21	28.19	24.51	24.57	27.55	<=30	Pass
		Inner_1RB_Left	25.27	25.28	28.29	24.63	24.64	27.65	<=30	Pass
DFT-s-OFDM 64 QAM	3735	Inner_1RB_Right	25.52	25.61	28.58	24.88	24.97	27.94	<=30	Pass
		Outer_Full	23.68	23.71	26.70	23.04	23.07	26.07	<=30	Pass
		Inner_Full	23.63	23.66	26.66	22.99	23.02	26.02	<=30	Pass
		Inner_1RB_Left	23.50	23.57	26.54	22.86	22.93	25.91	<=30	Pass
	3840	Inner_1RB_Right	23.92	23.91	26.92	23.28	23.27	26.29	<=30	Pass
		Outer_Full	23.63	23.64	26.64	22.99	23.00	26.01	<=30	Pass
		Inner_Full	23.64	23.63	26.64	23.00	22.99	26.01	<=30	Pass
		Inner_1RB_Left	23.28	23.26	26.28	22.64	22.62	25.64	<=30	Pass
	3945	Inner_1RB_Right	23.98	24.13	27.06	23.34	23.49	26.43	<=30	Pass
		Outer_Full	23.74	23.81	26.79	23.10	23.17	26.15	<=30	Pass
		Inner_Full	23.73	23.80	26.78	23.09	23.16	26.14	<=30	Pass
		Inner_1RB_Left	23.53	23.54	26.55	22.89	22.90	25.91	<=30	Pass
DFT-s-OFDM 256 QAM	3735	Inner_1RB_Right	23.91	24.01	26.97	23.27	23.37	26.33	<=30	Pass
		Outer_Full	21.57	21.60	24.60	20.93	20.96	23.96	<=30	Pass
		Inner_Full	21.64	21.67	24.66	21.00	21.03	24.03	<=30	Pass
		Inner_1RB_Left	21.14	21.21	24.19	20.50	20.57	23.55	<=30	Pass
	3840	Inner_1RB_Right	21.51	21.50	24.51	20.87	20.86	23.88	<=30	Pass
		Outer_Full	21.66	21.67	24.68	21.02	21.03	24.04	<=30	Pass
		Inner_Full	21.63	21.63	24.64	20.99	20.99	24.00	<=30	Pass
		Inner_1RB_Left	20.86	20.84	23.86	20.22	20.20	23.22	<=30	Pass
	3945	Inner_1RB_Right	21.78	21.93	24.86	21.14	21.29	24.23	<=30	Pass
		Outer_Full	21.69	21.75	24.73	21.05	21.11	24.09	<=30	Pass
		Inner_Full	21.73	21.80	24.78	21.09	21.16	24.14	<=30	Pass
		Inner_1RB_Left	21.18	21.19	24.19	20.54	20.55	23.56	<=30	Pass
CP-OFDM QPSK	3735	Inner_1RB_Right	21.62	21.72	24.68	20.98	21.08	24.04	<=30	Pass
		Outer_Full	23.16	23.19	26.18	22.52	22.55	25.55	<=30	Pass
		Inner_Full	24.69	24.72	27.72	24.05	24.08	27.08	<=30	Pass
		Inner_1RB_Left	24.59	24.66	27.64	23.95	24.02	27.00	<=30	Pass
3840	Outer_Full	25.10	25.09	28.11	24.46	24.45	27.47	<=30	Pass	
		Outer_Full	23.12	23.14	26.14	22.48	22.50	25.50	<=30	Pass

CP-OFDM 16 QAM	3945	Inner_Full	24.80	24.80	27.81	24.16	24.16	27.17	<=30	Pass	
		Inner_1RB_Left	24.33	24.31	27.33	23.69	23.67	26.69	<=30	Pass	
		Inner_1RB_Right	25.28	25.43	28.37	24.64	24.79	27.73	<=30	Pass	
	3735	Outer_Full	23.16	23.22	26.20	22.52	22.58	25.56	<=30	Pass	
		Inner_Full	24.74	24.80	27.78	24.10	24.16	27.14	<=30	Pass	
		Inner_1RB_Left	24.73	24.75	27.75	24.09	24.11	27.11	<=30	Pass	
	CP-OFDM 64 QAM	3840	Inner_1RB_Right	25.13	25.22	28.19	24.49	24.58	27.55	<=30	Pass
			Outer_Full	23.15	23.18	26.18	22.51	22.54	25.54	<=30	Pass
			Inner_Full	24.19	24.21	27.21	23.55	23.57	26.57	<=30	Pass
3945		Inner_1RB_Left	24.25	24.32	27.30	23.61	23.68	26.66	<=30	Pass	
		Inner_1RB_Right	24.69	24.68	27.69	24.05	24.04	27.06	<=30	Pass	
		Outer_Full	23.03	23.05	26.05	22.39	22.41	25.41	<=30	Pass	
CP-OFDM 256 QAM		3840	Inner_Full	24.17	24.17	27.18	23.53	23.53	26.54	<=30	Pass
			Inner_1RB_Left	23.90	23.89	26.90	23.26	23.25	26.27	<=30	Pass
			Inner_1RB_Right	24.58	24.73	27.67	23.94	24.09	27.03	<=30	Pass
	3945	Outer_Full	23.19	23.26	26.24	22.55	22.62	25.60	<=30	Pass	
		Inner_Full	24.20	24.27	27.25	23.56	23.63	26.61	<=30	Pass	
		Inner_1RB_Left	24.17	24.18	27.18	23.53	23.54	26.55	<=30	Pass	
	CP-OFDM 64 QAM	3840	Inner_1RB_Right	24.53	24.62	27.58	23.89	23.98	26.95	<=30	Pass
			Outer_Full	22.64	22.67	25.67	22.00	22.03	25.03	<=30	Pass
			Inner_Full	22.64	22.67	25.67	22.00	22.03	25.03	<=30	Pass
3735		Inner_1RB_Left	22.56	22.63	25.61	21.92	21.99	24.97	<=30	Pass	
		Inner_1RB_Right	22.94	22.93	25.95	22.30	22.29	25.31	<=30	Pass	
		Outer_Full	22.70	22.72	25.72	22.06	22.08	25.08	<=30	Pass	
3945		Inner_Full	22.61	22.61	25.62	21.97	21.97	24.98	<=30	Pass	
		Inner_1RB_Left	22.41	22.40	25.42	21.77	21.76	24.78	<=30	Pass	
		Inner_1RB_Right	23.09	23.25	26.18	22.45	22.61	25.54	<=30	Pass	
CP-OFDM 256 QAM	3840	Outer_Full	22.68	22.75	25.73	22.04	22.11	25.09	<=30	Pass	
		Inner_Full	22.67	22.73	25.71	22.03	22.09	25.07	<=30	Pass	
		Inner_1RB_Left	22.57	22.58	25.58	21.93	21.94	24.95	<=30	Pass	
	3735	Inner_1RB_Right	22.86	22.95	25.92	22.22	22.31	25.28	<=30	Pass	
		Outer_Full	19.66	19.69	22.68	19.02	19.05	22.05	<=30	Pass	
		Inner_Full	19.63	19.67	22.66	18.99	19.03	22.02	<=30	Pass	
	3945	Inner_1RB_Left	19.21	19.28	22.26	18.57	18.64	21.62	<=30	Pass	
		Inner_1RB_Right	19.73	19.72	22.74	19.09	19.08	22.10	<=30	Pass	
		Outer_Full	19.58	19.60	22.60	18.94	18.96	21.96	<=30	Pass	
3840	Inner_Full	19.65	19.65	22.66	19.01	19.01	22.02	<=30	Pass		
	Inner_1RB_Left	19.01	19.00	22.02	18.37	18.36	21.38	<=30	Pass		
	Inner_1RB_Right	19.78	19.93	22.86	19.14	19.29	22.23	<=30	Pass		
3735	Outer_Full	19.72	19.78	22.76	19.08	19.14	22.12	<=30	Pass		
	Inner_Full	19.62	19.70	22.67	18.98	19.06	22.03	<=30	Pass		
	Inner_1RB_Left	19.32	19.33	22.34	18.68	18.69	21.70	<=30	Pass		
3840	Inner_1RB_Right	19.66	19.75	22.72	19.02	19.11	22.08	<=30	Pass		

Note1: Antenna Gain: Ant1: -0.64dBi; Ant2: -0.64dBi;  
Note2: EIRP Ant\_1=Conducted Power\_1+Ant Gain\_1 / EIRP Ant\_2=Conducted Power\_2+Ant Gain\_2 / Sum=EIRP Ant\_1+EIRP Ant\_2

## 1.1.22 30\_M\_80M\_NTNV\_EIRP

5G NR n77a SCS=30kHz MIMO 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	25.56	25.62	28.60	24.92	24.98	27.96	<=30	Pass
		Inner_Full	26.09	26.14	29.13	25.45	25.50	28.49	<=30	Pass
		Inner_1RB_Left	25.82	25.92	28.88	25.18	25.28	28.24	<=30	Pass
		Inner_1RB_Right	26.16	26.27	29.23	25.52	25.63	28.59	<=30	Pass
	3840	Outer_Full	25.48	25.50	28.50	24.84	24.86	27.86	<=30	Pass
		Inner_Full	26.05	26.05	29.06	25.41	25.41	28.42	<=30	Pass

	3939.99	Inner_1RB_Left	25.70	25.68	28.70	25.06	25.04	28.06	<=30	Pass
		Inner_1RB_Right	26.44	26.65	29.55	25.80	26.01	28.92	<=30	Pass
		Outer_Full	25.56	25.66	28.62	24.92	25.02	27.98	<=30	Pass
		Inner_Full	26.09	26.20	29.16	25.45	25.56	28.52	<=30	Pass
		Inner_1RB_Left	25.82	25.88	28.86	25.18	25.24	28.22	<=30	Pass
		Inner_1RB_Right	26.33	26.47	29.41	25.69	25.83	28.77	<=30	Pass
DFT-s-OFDM QPSK	3740.01	Outer_Full	25.14	25.20	28.18	24.50	24.56	27.54	<=30	Pass
		Inner_Full	26.09	26.15	29.13	25.45	25.51	28.49	<=30	Pass
		Inner_1RB_Left	25.79	25.89	28.85	25.15	25.25	28.21	<=30	Pass
		Inner_1RB_Right	26.27	26.38	29.34	25.63	25.74	28.70	<=30	Pass
	3840	Outer_Full	25.08	25.10	28.10	24.44	24.46	27.46	<=30	Pass
		Inner_Full	25.99	25.99	29.00	25.35	25.35	28.36	<=30	Pass
		Inner_1RB_Left	25.55	25.53	28.55	24.91	24.89	27.91	<=30	Pass
		Inner_1RB_Right	26.44	26.65	29.55	25.80	26.01	28.92	<=30	Pass
	3939.99	Outer_Full	25.11	25.21	28.17	24.47	24.57	27.53	<=30	Pass
		Inner_Full	26.06	26.17	29.13	25.42	25.53	28.49	<=30	Pass
		Inner_1RB_Left	25.87	25.93	28.91	25.23	25.29	28.27	<=30	Pass
		Inner_1RB_Right	26.32	26.46	29.40	25.68	25.82	28.76	<=30	Pass
DFT-s-OFDM 16 QAM	3740.01	Outer_Full	24.13	24.19	27.17	23.49	23.55	26.53	<=30	Pass
		Inner_Full	25.16	25.21	28.20	24.52	24.57	27.56	<=30	Pass
		Inner_1RB_Left	25.01	25.11	28.07	24.37	24.47	27.43	<=30	Pass
		Inner_1RB_Right	25.47	25.59	28.54	24.83	24.95	27.90	<=30	Pass
	3840	Outer_Full	24.11	24.13	27.13	23.47	23.49	26.49	<=30	Pass
		Inner_Full	25.01	25.01	28.02	24.37	24.37	27.38	<=30	Pass
		Inner_1RB_Left	24.87	24.85	27.87	24.23	24.21	27.23	<=30	Pass
		Inner_1RB_Right	25.70	25.91	28.82	25.06	25.27	28.18	<=30	Pass
	3939.99	Outer_Full	24.18	24.29	27.25	23.54	23.65	26.61	<=30	Pass
		Inner_Full	25.17	25.28	28.24	24.53	24.64	27.60	<=30	Pass
		Inner_1RB_Left	25.11	25.16	28.14	24.47	24.52	27.51	<=30	Pass
		Inner_1RB_Right	25.53	25.67	28.61	24.89	25.03	27.97	<=30	Pass
DFT-s-OFDM 64 QAM	3740.01	Outer_Full	23.61	23.68	26.66	22.97	23.04	26.02	<=30	Pass
		Inner_Full	23.57	23.63	26.61	22.93	22.99	25.97	<=30	Pass
		Inner_1RB_Left	23.33	23.42	26.39	22.69	22.78	25.75	<=30	Pass
		Inner_1RB_Right	23.85	23.96	26.91	23.21	23.32	26.28	<=30	Pass
	3840	Outer_Full	23.63	23.65	26.65	22.99	23.01	26.01	<=30	Pass
		Inner_Full	23.53	23.53	26.54	22.89	22.89	25.90	<=30	Pass
		Inner_1RB_Left	23.32	23.30	26.32	22.68	22.66	25.68	<=30	Pass
		Inner_1RB_Right	24.04	24.25	27.16	23.40	23.61	26.52	<=30	Pass
	3939.99	Outer_Full	23.59	23.69	26.65	22.95	23.05	26.01	<=30	Pass
		Inner_Full	23.60	23.71	26.67	22.96	23.07	26.03	<=30	Pass
		Inner_1RB_Left	23.42	23.48	26.46	22.78	22.84	25.82	<=30	Pass
		Inner_1RB_Right	23.85	23.99	26.93	23.21	23.35	26.29	<=30	Pass
DFT-s-OFDM 256 QAM	3740.01	Outer_Full	21.62	21.69	24.66	20.98	21.05	24.03	<=30	Pass
		Inner_Full	21.64	21.70	24.68	21.00	21.06	24.04	<=30	Pass
		Inner_1RB_Left	21.16	21.26	24.22	20.52	20.62	23.58	<=30	Pass
		Inner_1RB_Right	21.49	21.60	24.55	20.85	20.96	23.92	<=30	Pass
	3840	Outer_Full	21.60	21.63	24.62	20.96	20.99	23.99	<=30	Pass
		Inner_Full	21.50	21.50	24.51	20.86	20.86	23.87	<=30	Pass
		Inner_1RB_Left	20.97	20.95	23.97	20.33	20.31	23.33	<=30	Pass
		Inner_1RB_Right	21.68	21.90	24.80	21.04	21.26	24.16	<=30	Pass
	3939.99	Outer_Full	21.63	21.74	24.70	20.99	21.10	24.06	<=30	Pass
		Inner_Full	21.59	21.70	24.66	20.95	21.06	24.02	<=30	Pass
		Inner_1RB_Left	21.20	21.26	24.24	20.56	20.62	23.60	<=30	Pass
		Inner_1RB_Right	21.64	21.79	24.73	21.00	21.15	24.09	<=30	Pass
CP-OFDM QPSK	3740.01	Outer_Full	23.20	23.27	26.24	22.56	22.63	25.61	<=30	Pass
		Inner_Full	24.74	24.79	27.77	24.10	24.15	27.14	<=30	Pass
		Inner_1RB_Left	24.45	24.54	27.51	23.81	23.90	26.87	<=30	Pass
		Inner_1RB_Right	24.93	25.04	28.00	24.29	24.40	27.36	<=30	Pass
	3840	Outer_Full	23.10	23.13	26.12	22.46	22.49	25.49	<=30	Pass

	3939.99	Inner_Full	24.70	24.70	27.71	24.06	24.06	27.07	<=30	Pass		
		Inner_1RB_Left	24.36	24.34	27.36	23.72	23.70	26.72	<=30	Pass		
		Inner_1RB_Right	25.33	25.54	28.44	24.69	24.90	27.81	<=30	Pass		
		Outer_Full	23.27	23.37	26.33	22.63	22.73	25.69	<=30	Pass		
		Inner_Full	24.69	24.80	27.76	24.05	24.16	27.12	<=30	Pass		
		Inner_1RB_Left	24.72	24.77	27.76	24.08	24.13	27.12	<=30	Pass		
		Inner_1RB_Right	25.00	25.14	28.08	24.36	24.50	27.44	<=30	Pass		
		CP-OFDM 16 QAM	3740.01	Outer_Full	23.23	23.29	26.27	22.59	22.65	25.63	<=30	Pass
				Inner_Full	24.17	24.23	27.21	23.53	23.59	26.57	<=30	Pass
Inner_1RB_Left	23.90			24.00	26.96	23.26	23.36	26.32	<=30	Pass		
Inner_1RB_Right	24.17			24.28	27.24	23.53	23.64	26.60	<=30	Pass		
3840	Outer_Full		23.07	23.10	26.10	22.43	22.46	25.46	<=30	Pass		
	Inner_Full		24.11	24.11	27.12	23.47	23.47	26.48	<=30	Pass		
	Inner_1RB_Left		23.90	23.88	26.90	23.26	23.24	26.26	<=30	Pass		
3939.99	Inner_1RB_Right		24.58	24.79	27.70	23.94	24.15	27.06	<=30	Pass		
	Outer_Full		23.23	23.34	26.30	22.59	22.70	25.66	<=30	Pass		
	Inner_Full	24.15	24.26	27.22	23.51	23.62	26.58	<=30	Pass			
	Inner_1RB_Left	23.85	23.90	26.88	23.21	23.26	26.25	<=30	Pass			
	Inner_1RB_Right	24.29	24.44	27.38	23.65	23.80	26.74	<=30	Pass			
CP-OFDM 64 QAM	3740.01	Outer_Full	22.59	22.65	25.63	21.95	22.01	24.99	<=30	Pass		
		Inner_Full	22.62	22.68	25.66	21.98	22.04	25.02	<=30	Pass		
		Inner_1RB_Left	22.34	22.43	25.39	21.70	21.79	24.76	<=30	Pass		
		Inner_1RB_Right	22.90	23.01	25.96	22.26	22.37	25.33	<=30	Pass		
	3840	Outer_Full	22.56	22.59	25.59	21.92	21.95	24.95	<=30	Pass		
		Inner_Full	22.52	22.52	25.53	21.88	21.88	24.89	<=30	Pass		
		Inner_1RB_Left	22.23	22.21	25.23	21.59	21.57	24.59	<=30	Pass		
	3939.99	Inner_1RB_Right	23.09	23.30	26.21	22.45	22.66	25.57	<=30	Pass		
		Outer_Full	22.67	22.78	25.74	22.03	22.14	25.10	<=30	Pass		
		Inner_Full	22.62	22.72	25.68	21.98	22.08	25.04	<=30	Pass		
		Inner_1RB_Left	22.48	22.54	25.52	21.84	21.90	24.88	<=30	Pass		
		Inner_1RB_Right	22.93	23.08	26.02	22.29	22.44	25.38	<=30	Pass		
CP-OFDM 256 QAM	3740.01	Outer_Full	19.63	19.70	22.68	18.99	19.06	22.04	<=30	Pass		
		Inner_Full	19.65	19.70	22.69	19.01	19.06	22.05	<=30	Pass		
		Inner_1RB_Left	19.16	19.26	22.22	18.52	18.62	21.58	<=30	Pass		
		Inner_1RB_Right	19.48	19.60	22.55	18.84	18.96	21.91	<=30	Pass		
	3840	Outer_Full	19.58	19.61	22.61	18.94	18.97	21.97	<=30	Pass		
		Inner_Full	19.63	19.63	22.64	18.99	18.99	22.00	<=30	Pass		
		Inner_1RB_Left	18.88	18.86	21.88	18.24	18.22	21.24	<=30	Pass		
	3939.99	Inner_1RB_Right	19.62	19.83	22.74	18.98	19.19	22.10	<=30	Pass		
		Outer_Full	19.73	19.83	22.79	19.09	19.19	22.15	<=30	Pass		
		Inner_Full	19.71	19.82	22.77	19.07	19.18	22.14	<=30	Pass		
		Inner_1RB_Left	19.23	19.29	22.27	18.59	18.65	21.63	<=30	Pass		
		Inner_1RB_Right	19.52	19.67	22.61	18.88	19.03	21.97	<=30	Pass		
Note1: Antenna Gain: Ant1: -0.64dBi; Ant2: -0.64dBi; Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2												

1.1.23 30\_M\_90M\_NTNV\_EIRP

5G NR n77a SCS=30kHz MIMO 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	25.52	25.56	28.55	24.88	24.92	27.91	<=30	Pass
		Inner_Full	26.07	26.08	29.09	25.43	25.44	28.45	<=30	Pass
		Inner_1RB_Left	25.61	25.68	28.66	24.97	25.04	28.02	<=30	Pass
		Inner_1RB_Right	26.17	26.30	29.25	25.53	25.66	28.61	<=30	Pass
	3840	Outer_Full	25.47	25.50	28.50	24.83	24.86	27.86	<=30	Pass
		Inner_Full	25.98	25.98	28.99	25.34	25.34	28.35	<=30	Pass

	3934.98	Inner_1RB_Left	25.55	25.52	28.55	24.91	24.88	27.91	<=30	Pass
		Inner_1RB_Right	26.44	26.66	29.56	25.80	26.02	28.92	<=30	Pass
		Outer_Full	25.60	25.68	28.65	24.96	25.04	28.01	<=30	Pass
		Inner_Full	26.02	26.10	29.07	25.38	25.46	28.43	<=30	Pass
		Inner_1RB_Left	25.82	25.85	28.84	25.18	25.21	28.21	<=30	Pass
		Inner_1RB_Right	26.33	26.46	29.40	25.69	25.82	28.77	<=30	Pass
DFT-s-OFDM QPSK	3745.02	Outer_Full	25.05	25.08	28.08	24.41	24.44	27.44	<=30	Pass
		Inner_Full	26.05	26.07	29.07	25.41	25.43	28.43	<=30	Pass
		Inner_1RB_Left	25.76	25.83	28.81	25.12	25.19	28.17	<=30	Pass
		Inner_1RB_Right	26.16	26.29	29.24	25.52	25.65	28.60	<=30	Pass
	3840	Outer_Full	25.00	25.03	28.03	24.36	24.39	27.39	<=30	Pass
		Inner_Full	25.96	25.96	28.97	25.32	25.32	28.33	<=30	Pass
		Inner_1RB_Left	25.56	25.53	28.56	24.92	24.89	27.92	<=30	Pass
		Inner_1RB_Right	26.44	26.66	29.56	25.80	26.02	28.92	<=30	Pass
	3934.98	Outer_Full	25.00	25.09	28.06	24.36	24.45	27.42	<=30	Pass
		Inner_Full	25.96	26.04	29.01	25.32	25.40	28.37	<=30	Pass
		Inner_1RB_Left	25.89	25.92	28.91	25.25	25.28	28.28	<=30	Pass
		Inner_1RB_Right	26.30	26.43	29.38	25.66	25.79	28.74	<=30	Pass
DFT-s-OFDM 16 QAM	3745.02	Outer_Full	24.17	24.21	27.20	23.53	23.57	26.56	<=30	Pass
		Inner_Full	25.22	25.23	28.24	24.58	24.59	27.60	<=30	Pass
		Inner_1RB_Left	25.03	25.10	28.08	24.39	24.46	27.44	<=30	Pass
		Inner_1RB_Right	25.37	25.50	28.45	24.73	24.86	27.81	<=30	Pass
	3840	Outer_Full	24.18	24.21	27.21	23.54	23.57	26.57	<=30	Pass
		Inner_Full	25.05	25.05	28.06	24.41	24.41	27.42	<=30	Pass
		Inner_1RB_Left	24.96	24.93	27.96	24.32	24.29	27.32	<=30	Pass
		Inner_1RB_Right	25.78	26.01	28.91	25.14	25.37	28.27	<=30	Pass
	3934.98	Outer_Full	24.15	24.23	27.20	23.51	23.59	26.56	<=30	Pass
		Inner_Full	25.13	25.21	28.18	24.49	24.57	27.54	<=30	Pass
		Inner_1RB_Left	25.11	25.13	28.13	24.47	24.49	27.49	<=30	Pass
		Inner_1RB_Right	25.60	25.73	28.68	24.96	25.09	28.04	<=30	Pass
DFT-s-OFDM 64 QAM	3745.02	Outer_Full	23.67	23.71	26.70	23.03	23.07	26.06	<=30	Pass
		Inner_Full	23.70	23.72	26.72	23.06	23.08	26.08	<=30	Pass
		Inner_1RB_Left	23.42	23.50	26.47	22.78	22.86	25.83	<=30	Pass
		Inner_1RB_Right	23.88	24.02	26.96	23.24	23.38	26.32	<=30	Pass
	3840	Outer_Full	23.60	23.63	26.62	22.96	22.99	25.99	<=30	Pass
		Inner_Full	23.55	23.55	26.56	22.91	22.91	25.92	<=30	Pass
		Inner_1RB_Left	23.33	23.30	26.32	22.69	22.66	25.69	<=30	Pass
		Inner_1RB_Right	24.17	24.40	27.30	23.53	23.76	26.66	<=30	Pass
	3934.98	Outer_Full	23.68	23.76	26.73	23.04	23.12	26.09	<=30	Pass
		Inner_Full	23.69	23.76	26.74	23.05	23.12	26.10	<=30	Pass
		Inner_1RB_Left	23.59	23.62	26.61	22.95	22.98	25.98	<=30	Pass
		Inner_1RB_Right	23.96	24.10	27.04	23.32	23.46	26.40	<=30	Pass
DFT-s-OFDM 256 QAM	3745.02	Outer_Full	21.63	21.67	24.66	20.99	21.03	24.02	<=30	Pass
		Inner_Full	21.59	21.60	24.61	20.95	20.96	23.97	<=30	Pass
		Inner_1RB_Left	20.99	21.06	24.04	20.35	20.42	23.40	<=30	Pass
		Inner_1RB_Right	21.43	21.56	24.51	20.79	20.92	23.87	<=30	Pass
	3840	Outer_Full	21.55	21.58	24.58	20.91	20.94	23.94	<=30	Pass
		Inner_Full	21.51	21.51	24.52	20.87	20.87	23.88	<=30	Pass
		Inner_1RB_Left	20.89	20.86	23.88	20.25	20.22	23.25	<=30	Pass
		Inner_1RB_Right	21.70	21.93	24.82	21.06	21.29	24.19	<=30	Pass
	3934.98	Outer_Full	21.60	21.68	24.65	20.96	21.04	24.01	<=30	Pass
		Inner_Full	21.62	21.70	24.67	20.98	21.06	24.03	<=30	Pass
		Inner_1RB_Left	21.21	21.24	24.24	20.57	20.60	23.60	<=30	Pass
		Inner_1RB_Right	21.67	21.81	24.75	21.03	21.17	24.11	<=30	Pass
CP-OFDM QPSK	3745.02	Outer_Full	23.19	23.23	26.22	22.55	22.59	25.58	<=30	Pass
		Inner_Full	24.70	24.72	27.72	24.06	24.08	27.08	<=30	Pass
		Inner_1RB_Left	24.41	24.49	27.46	23.77	23.85	26.82	<=30	Pass
		Inner_1RB_Right	24.85	24.98	27.92	24.21	24.34	27.29	<=30	Pass
	3840	Outer_Full	23.10	23.13	26.13	22.46	22.49	25.49	<=30	Pass

	3934.98	Inner_Full	24.73	24.73	27.74	24.09	24.09	27.10	<=30	Pass	
		Inner_1RB_Left	24.44	24.41	27.43	23.80	23.77	26.80	<=30	Pass	
		Inner_1RB_Right	25.14	25.36	28.26	24.50	24.72	27.62	<=30	Pass	
		Outer_Full	23.07	23.16	26.13	22.43	22.52	25.49	<=30	Pass	
		Inner_Full	24.71	24.79	27.76	24.07	24.15	27.12	<=30	Pass	
		Inner_1RB_Left	24.62	24.65	27.65	23.98	24.01	27.01	<=30	Pass	
		Inner_1RB_Right	25.10	25.23	28.17	24.46	24.59	27.54	<=30	Pass	
		Outer_Full	23.15	23.19	26.18	22.51	22.55	25.54	<=30	Pass	
		Inner_Full	24.25	24.27	27.27	23.61	23.63	26.63	<=30	Pass	
CP-OFDM 16 QAM	3745.02	Inner_1RB_Left	24.03	24.10	27.07	23.39	23.46	26.44	<=30	Pass	
		Inner_1RB_Right	24.51	24.64	27.58	23.87	24.00	26.95	<=30	Pass	
		Outer_Full	23.07	23.10	26.09	22.43	22.46	25.46	<=30	Pass	
		Inner_Full	24.13	24.13	27.14	23.49	23.49	26.50	<=30	Pass	
	3840	Inner_1RB_Left	23.73	23.70	26.72	23.09	23.06	26.09	<=30	Pass	
		Inner_1RB_Right	24.44	24.67	27.57	23.80	24.03	26.93	<=30	Pass	
		Outer_Full	23.07	23.15	26.12	22.43	22.51	25.48	<=30	Pass	
	3934.98	Inner_Full	24.19	24.28	27.25	23.55	23.64	26.61	<=30	Pass	
		Inner_1RB_Left	23.93	23.96	26.96	23.29	23.32	26.32	<=30	Pass	
		Inner_1RB_Right	24.41	24.55	27.49	23.77	23.91	26.85	<=30	Pass	
		Outer_Full	22.66	22.70	25.69	22.02	22.06	25.05	<=30	Pass	
	CP-OFDM 64 QAM	3745.02	Inner_Full	22.63	22.65	25.65	21.99	22.01	25.01	<=30	Pass
			Inner_1RB_Left	22.26	22.33	25.31	21.62	21.69	24.67	<=30	Pass
			Inner_1RB_Right	22.72	22.86	25.80	22.08	22.22	25.16	<=30	Pass
			Outer_Full	22.54	22.58	25.57	21.90	21.94	24.93	<=30	Pass
3840		Inner_Full	22.54	22.54	25.55	21.90	21.90	24.91	<=30	Pass	
		Inner_1RB_Left	22.22	22.19	25.21	21.58	21.55	24.58	<=30	Pass	
		Inner_1RB_Right	23.01	23.23	26.13	22.37	22.59	25.49	<=30	Pass	
3934.98		Outer_Full	22.60	22.68	25.65	21.96	22.04	25.01	<=30	Pass	
		Inner_Full	22.62	22.71	25.67	21.98	22.07	25.04	<=30	Pass	
		Inner_1RB_Left	22.43	22.46	25.45	21.79	21.82	24.82	<=30	Pass	
		Inner_1RB_Right	22.83	22.97	25.91	22.19	22.33	25.27	<=30	Pass	
CP-OFDM 256 QAM		3745.02	Outer_Full	19.68	19.72	22.71	19.04	19.08	22.07	<=30	Pass
			Inner_Full	19.71	19.72	22.73	19.07	19.08	22.09	<=30	Pass
			Inner_1RB_Left	19.03	19.11	22.08	18.39	18.47	21.44	<=30	Pass
			Inner_1RB_Right	19.59	19.73	22.67	18.95	19.09	22.03	<=30	Pass
	3840	Outer_Full	19.65	19.69	22.68	19.01	19.05	22.04	<=30	Pass	
		Inner_Full	19.64	19.64	22.65	19.00	19.00	22.01	<=30	Pass	
		Inner_1RB_Left	18.85	18.82	21.85	18.21	18.18	21.21	<=30	Pass	
		Inner_1RB_Right	19.64	19.87	22.77	19.00	19.23	22.13	<=30	Pass	
	3934.98	Outer_Full	19.60	19.68	22.65	18.96	19.04	22.01	<=30	Pass	
		Inner_Full	19.67	19.76	22.73	19.03	19.12	22.09	<=30	Pass	
		Inner_1RB_Left	19.00	19.03	22.03	18.36	18.39	21.39	<=30	Pass	
		Inner_1RB_Right	19.75	19.88	22.83	19.11	19.24	22.19	<=30	Pass	
	Note1: Antenna Gain: Ant1: -0.64dBi; Ant2: -0.64dBi; Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2										

1.1.24 30\_M\_100M\_NTNV\_EIRP

5G NR n77a SCS=30kHz MIMO 100MHz 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	3750	Outer_Full	25.54	25.58	28.57	24.90	24.94	27.93	<=30	Pass
		Inner_Full	25.99	25.99	29.00	25.35	25.35	28.36	<=30	Pass
		Inner_1RB_Left	25.62	25.68	28.66	24.98	25.04	28.02	<=30	Pass
		Inner_1RB_Right	26.16	26.31	29.24	25.52	25.67	28.61	<=30	Pass
	3840	Outer_Full	25.58	25.62	28.61	24.94	24.98	27.97	<=30	Pass
		Inner_Full	25.91	25.91	28.92	25.27	25.27	28.28	<=30	Pass

	3930	Inner_1RB_Left	25.60	25.55	28.59	24.96	24.91	27.95	<=30	Pass
		Inner_1RB_Right	26.40	26.61	29.52	25.76	25.97	28.88	<=30	Pass
		Outer_Full	25.63	25.69	28.67	24.99	25.05	28.03	<=30	Pass
		Inner_Full	25.97	26.02	29.01	25.33	25.38	28.37	<=30	Pass
		Inner_1RB_Left	25.80	25.83	28.83	25.16	25.19	28.19	<=30	Pass
		Inner_1RB_Right	26.33	26.44	29.40	25.69	25.80	28.76	<=30	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	24.99	25.03	28.02	24.35	24.39	27.38	<=30	Pass
		Inner_Full	26.02	26.02	29.03	25.38	25.38	28.39	<=30	Pass
		Inner_1RB_Left	25.65	25.71	28.69	25.01	25.07	28.05	<=30	Pass
		Inner_1RB_Right	26.07	26.22	29.15	25.43	25.58	28.52	<=30	Pass
	3840	Outer_Full	25.02	25.05	28.05	24.38	24.41	27.41	<=30	Pass
		Inner_Full	25.92	25.92	28.93	25.28	25.28	28.29	<=30	Pass
		Inner_1RB_Left	25.55	25.51	28.54	24.91	24.87	27.90	<=30	Pass
		Inner_1RB_Right	26.46	26.67	29.58	25.82	26.03	28.94	<=30	Pass
	3930	Outer_Full	25.11	25.16	28.15	24.47	24.52	27.51	<=30	Pass
		Inner_Full	26.03	26.08	29.07	25.39	25.44	28.43	<=30	Pass
		Inner_1RB_Left	25.83	25.86	28.86	25.19	25.22	28.22	<=30	Pass
		Inner_1RB_Right	26.39	26.49	29.45	25.75	25.85	28.81	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	24.18	24.22	27.21	23.54	23.58	26.57	<=30	Pass
		Inner_Full	25.23	25.23	28.24	24.59	24.59	27.60	<=30	Pass
		Inner_1RB_Left	24.94	25.00	27.98	24.30	24.36	27.34	<=30	Pass
		Inner_1RB_Right	25.44	25.59	28.53	24.80	24.95	27.89	<=30	Pass
	3840	Outer_Full	24.06	24.09	27.08	23.42	23.45	26.45	<=30	Pass
		Inner_Full	25.10	25.09	28.11	24.46	24.45	27.47	<=30	Pass
		Inner_1RB_Left	24.96	24.92	27.95	24.32	24.28	27.31	<=30	Pass
		Inner_1RB_Right	25.81	26.03	28.93	25.17	25.39	28.29	<=30	Pass
	3930	Outer_Full	24.14	24.20	27.18	23.50	23.56	26.54	<=30	Pass
		Inner_Full	25.26	25.31	28.30	24.62	24.67	27.66	<=30	Pass
		Inner_1RB_Left	25.17	25.20	28.19	24.53	24.56	27.56	<=30	Pass
		Inner_1RB_Right	25.76	25.87	28.83	25.12	25.23	28.19	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	23.64	23.68	26.67	23.00	23.04	26.03	<=30	Pass
		Inner_Full	23.57	23.57	26.58	22.93	22.93	25.94	<=30	Pass
		Inner_1RB_Left	23.40	23.46	26.44	22.76	22.82	25.80	<=30	Pass
		Inner_1RB_Right	23.85	24.01	26.94	23.21	23.37	26.30	<=30	Pass
	3840	Outer_Full	23.61	23.65	26.64	22.97	23.01	26.00	<=30	Pass
		Inner_Full	23.56	23.56	26.57	22.92	22.92	25.93	<=30	Pass
		Inner_1RB_Left	23.32	23.28	26.31	22.68	22.64	25.67	<=30	Pass
		Inner_1RB_Right	24.19	24.41	27.31	23.55	23.77	26.67	<=30	Pass
	3930	Outer_Full	23.75	23.81	26.79	23.11	23.17	26.15	<=30	Pass
		Inner_Full	23.67	23.71	26.70	23.03	23.07	26.06	<=30	Pass
		Inner_1RB_Left	23.58	23.61	26.61	22.94	22.97	25.97	<=30	Pass
		Inner_1RB_Right	24.07	24.18	27.14	23.43	23.54	26.50	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	21.58	21.62	24.61	20.94	20.98	23.97	<=30	Pass
		Inner_Full	21.66	21.66	24.67	21.02	21.02	24.03	<=30	Pass
		Inner_1RB_Left	21.01	21.08	24.05	20.37	20.44	23.42	<=30	Pass
		Inner_1RB_Right	21.52	21.67	24.61	20.88	21.03	23.97	<=30	Pass
	3840	Outer_Full	21.54	21.58	24.57	20.90	20.94	23.93	<=30	Pass
		Inner_Full	21.59	21.59	24.60	20.95	20.95	23.96	<=30	Pass
		Inner_1RB_Left	20.95	20.91	23.94	20.31	20.27	23.30	<=30	Pass
		Inner_1RB_Right	21.77	21.99	24.89	21.13	21.35	24.25	<=30	Pass
	3930	Outer_Full	21.83	21.89	24.87	21.19	21.25	24.23	<=30	Pass
		Inner_Full	21.74	21.79	24.77	21.10	21.15	24.14	<=30	Pass
		Inner_1RB_Left	21.26	21.29	24.28	20.62	20.65	23.65	<=30	Pass
		Inner_1RB_Right	21.72	21.83	24.79	21.08	21.19	24.15	<=30	Pass
CP-OFDM QPSK	3750	Outer_Full	23.17	23.21	26.20	22.53	22.57	25.56	<=30	Pass
		Inner_Full	24.71	24.72	27.73	24.07	24.08	27.09	<=30	Pass
		Inner_1RB_Left	24.49	24.55	27.53	23.85	23.91	26.89	<=30	Pass
		Inner_1RB_Right	24.97	25.13	28.06	24.33	24.49	27.42	<=30	Pass
	3840	Outer_Full	23.06	23.10	26.10	22.42	22.46	25.45	<=30	Pass

		Inner_Full	24.63	24.64	27.65	23.99	24.00	27.01	<=30	Pass	
		Inner_1RB_Left	24.39	24.35	27.38	23.75	23.71	26.74	<=30	Pass	
		Inner_1RB_Right	25.23	25.44	28.35	24.59	24.80	27.71	<=30	Pass	
	3930	Outer_Full	23.17	23.23	26.21	22.53	22.59	25.57	<=30	Pass	
		Inner_Full	24.67	24.72	27.71	24.03	24.08	27.07	<=30	Pass	
		Inner_1RB_Left	24.75	24.78	27.78	24.11	24.14	27.14	<=30	Pass	
		Inner_1RB_Right	25.26	25.37	28.32	24.62	24.73	27.69	<=30	Pass	
CP-OFDM 16 QAM	3750	Outer_Full	23.14	23.18	26.17	22.50	22.54	25.53	<=30	Pass	
		Inner_Full	24.26	24.26	27.27	23.62	23.62	26.63	<=30	Pass	
		Inner_1RB_Left	24.08	24.14	27.12	23.44	23.50	26.48	<=30	Pass	
		Inner_1RB_Right	24.52	24.67	27.61	23.88	24.03	26.97	<=30	Pass	
	3840	Outer_Full	23.03	23.07	26.06	22.39	22.43	25.42	<=30	Pass	
		Inner_Full	24.18	24.19	27.20	23.54	23.55	26.56	<=30	Pass	
		Inner_1RB_Left	23.74	23.70	26.73	23.10	23.06	26.09	<=30	Pass	
			Inner_1RB_Right	24.52	24.74	27.64	23.88	24.10	27.00	<=30	Pass
	3930	Outer_Full	23.15	23.21	26.19	22.51	22.57	25.55	<=30	Pass	
		Inner_Full	24.25	24.30	27.28	23.61	23.66	26.65	<=30	Pass	
		Inner_1RB_Left	24.37	24.40	27.39	23.73	23.76	26.76	<=30	Pass	
		Inner_1RB_Right	24.85	24.96	27.91	24.21	24.32	27.28	<=30	Pass	
CP-OFDM 64 QAM	3750	Outer_Full	22.61	22.65	25.64	21.97	22.01	25.00	<=30	Pass	
		Inner_Full	22.68	22.68	25.69	22.04	22.04	25.05	<=30	Pass	
		Inner_1RB_Left	22.39	22.45	25.43	21.75	21.81	24.79	<=30	Pass	
		Inner_1RB_Right	22.92	23.08	26.01	22.28	22.44	25.37	<=30	Pass	
	3840	Outer_Full	22.59	22.63	25.62	21.95	21.99	24.98	<=30	Pass	
		Inner_Full	22.57	22.58	25.59	21.93	21.94	24.95	<=30	Pass	
		Inner_1RB_Left	22.24	22.20	25.23	21.60	21.56	24.59	<=30	Pass	
			Inner_1RB_Right	23.06	23.28	26.18	22.42	22.64	25.54	<=30	Pass
	3930	Outer_Full	22.74	22.80	25.78	22.10	22.16	25.14	<=30	Pass	
		Inner_Full	22.70	22.75	25.74	22.06	22.11	25.10	<=30	Pass	
		Inner_1RB_Left	22.60	22.63	25.62	21.96	21.99	24.99	<=30	Pass	
			Inner_1RB_Right	23.12	23.23	26.18	22.48	22.59	25.55	<=30	Pass
CP-OFDM 256 QAM	3750	Outer_Full	19.70	19.75	22.73	19.06	19.11	22.10	<=30	Pass	
		Inner_Full	19.60	19.61	22.61	18.96	18.97	21.98	<=30	Pass	
		Inner_1RB_Left	19.11	19.18	22.15	18.47	18.54	21.52	<=30	Pass	
		Inner_1RB_Right	19.56	19.72	22.65	18.92	19.08	22.01	<=30	Pass	
	3840	Outer_Full	19.60	19.65	22.64	18.96	19.01	22.00	<=30	Pass	
		Inner_Full	19.58	19.58	22.59	18.94	18.94	21.95	<=30	Pass	
		Inner_1RB_Left	19.14	19.09	22.13	18.50	18.45	21.49	<=30	Pass	
			Inner_1RB_Right	19.77	19.98	22.89	19.13	19.34	22.25	<=30	Pass
	3930	Outer_Full	19.68	19.74	22.72	19.04	19.10	22.08	<=30	Pass	
		Inner_Full	19.69	19.75	22.73	19.05	19.11	22.09	<=30	Pass	
		Inner_1RB_Left	19.34	19.38	22.37	18.70	18.74	21.73	<=30	Pass	
			Inner_1RB_Right	19.86	19.97	22.93	19.22	19.33	22.29	<=30	Pass

Note1: Antenna Gain: Ant1: -0.64dBi; Ant2: -0.64dBi;

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