

1. Effective (Isotropic) Radiated Power Output Data

1.1 30k_SISO_20MHz_NTNV_EIRP

1.1.1 Test Result

5G NR n78e SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3460.02	Edge_1RB_Left	21.75	/	/	25.57	/	/	<=30	Pass
		Edge_1RB_Right	21.87	/	/	25.69	/	/	<=30	Pass
		Outer_Full	21.78	/	/	25.60	/	/	<=30	Pass
		Inner_Full	22.73	/	/	26.55	/	/	<=30	Pass
		Inner_1RB_Left	22.67	/	/	26.49	/	/	<=30	Pass
		Inner_1RB_Right	22.75	/	/	26.57	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.84	/	/	25.66	/	/	<=30	Pass
		Edge_1RB_Right	21.83	/	/	25.65	/	/	<=30	Pass
		Outer_Full	21.91	/	/	25.73	/	/	<=30	Pass
		Inner_Full	22.88	/	/	26.70	/	/	<=30	Pass
		Inner_1RB_Left	22.87	/	/	26.69	/	/	<=30	Pass
		Inner_1RB_Right	22.77	/	/	26.59	/	/	<=30	Pass
	3540	Edge_1RB_Left	21.98	/	/	25.80	/	/	<=30	Pass
		Edge_1RB_Right	22.07	/	/	25.89	/	/	<=30	Pass
		Outer_Full	22.08	/	/	25.90	/	/	<=30	Pass
		Inner_Full	23.02	/	/	26.84	/	/	<=30	Pass
		Inner_1RB_Left	23.05	/	/	26.87	/	/	<=30	Pass
		Inner_1RB_Right	23.10	/	/	26.92	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3460.02	Edge_1RB_Left	20.22	/	/	24.04	/	/	<=30	Pass
		Edge_1RB_Right	20.46	/	/	24.28	/	/	<=30	Pass
		Outer_Full	20.37	/	/	24.19	/	/	<=30	Pass
		Inner_Full	20.32	/	/	24.14	/	/	<=30	Pass
		Inner_1RB_Left	20.27	/	/	24.09	/	/	<=30	Pass
		Inner_1RB_Right	20.34	/	/	24.16	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.41	/	/	24.23	/	/	<=30	Pass
		Edge_1RB_Right	20.22	/	/	24.04	/	/	<=30	Pass
		Outer_Full	20.27	/	/	24.09	/	/	<=30	Pass
		Inner_Full	20.24	/	/	24.06	/	/	<=30	Pass
		Inner_1RB_Left	20.33	/	/	24.15	/	/	<=30	Pass
		Inner_1RB_Right	20.19	/	/	24.01	/	/	<=30	Pass
	3540	Edge_1RB_Left	20.58	/	/	24.40	/	/	<=30	Pass
		Edge_1RB_Right	20.45	/	/	24.27	/	/	<=30	Pass
		Outer_Full	20.57	/	/	24.39	/	/	<=30	Pass
		Inner_Full	20.50	/	/	24.32	/	/	<=30	Pass
		Inner_1RB_Left	20.60	/	/	24.42	/	/	<=30	Pass
		Inner_1RB_Right	20.56	/	/	24.38	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3460.02	Edge_1RB_Left	18.29	/	/	22.11	/	/	<=30	Pass
		Edge_1RB_Right	18.36	/	/	22.18	/	/	<=30	Pass
		Outer_Full	18.33	/	/	22.15	/	/	<=30	Pass
		Inner_Full	18.30	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Left	18.19	/	/	22.01	/	/	<=30	Pass
		Inner_1RB_Right	18.47	/	/	22.29	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.49	/	/	22.31	/	/	<=30	Pass
		Edge_1RB_Right	18.38	/	/	22.20	/	/	<=30	Pass
		Outer_Full	18.38	/	/	22.20	/	/	<=30	Pass
		Inner_Full	18.23	/	/	22.05	/	/	<=30	Pass

		Inner_1RB_Left	18.53	/	/	22.35	/	/	<=30	Pass	
		Inner_1RB_Right	18.25	/	/	22.07	/	/	<=30	Pass	
	3540	Edge_1RB_Left	18.65	/	/	22.47	/	/	<=30	Pass	
		Edge_1RB_Right	18.54	/	/	22.36	/	/	<=30	Pass	
		Outer_Full	18.47	/	/	22.29	/	/	<=30	Pass	
		Inner_Full	18.49	/	/	22.31	/	/	<=30	Pass	
		Inner_1RB_Left	18.59	/	/	22.41	/	/	<=30	Pass	
		Inner_1RB_Right	18.64	/	/	22.46	/	/	<=30	Pass	
CP-OFDM QPSK	3460.02	Edge_1RB_Left	19.82	/	/	23.64	/	/	<=30	Pass	
		Edge_1RB_Right	20.01	/	/	23.83	/	/	<=30	Pass	
		Outer_Full	19.94	/	/	23.76	/	/	<=30	Pass	
		Inner_Full	21.31	/	/	25.13	/	/	<=30	Pass	
		Inner_1RB_Left	21.22	/	/	25.04	/	/	<=30	Pass	
		Inner_1RB_Right	21.40	/	/	25.22	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	19.89	/	/	23.71	/	/	<=30	Pass	
		Edge_1RB_Right	19.87	/	/	23.69	/	/	<=30	Pass	
		Outer_Full	19.76	/	/	23.58	/	/	<=30	Pass	
		Inner_Full	21.42	/	/	25.24	/	/	<=30	Pass	
		Inner_1RB_Left	21.43	/	/	25.25	/	/	<=30	Pass	
		Inner_1RB_Right	21.35	/	/	25.17	/	/	<=30	Pass	
	3540	Edge_1RB_Left	20.11	/	/	23.93	/	/	<=30	Pass	
		Edge_1RB_Right	20.03	/	/	23.85	/	/	<=30	Pass	
		Outer_Full	20.03	/	/	23.85	/	/	<=30	Pass	
		Inner_Full	21.56	/	/	25.38	/	/	<=30	Pass	
		Inner_1RB_Left	21.68	/	/	25.50	/	/	<=30	Pass	
		Inner_1RB_Right	21.60	/	/	25.42	/	/	<=30	Pass	
	CP-OFDM 64 QAM	3460.02	Edge_1RB_Left	19.24	/	/	23.06	/	/	<=30	Pass
			Edge_1RB_Right	19.50	/	/	23.32	/	/	<=30	Pass
Outer_Full			19.35	/	/	23.17	/	/	<=30	Pass	
Inner_Full			19.39	/	/	23.21	/	/	<=30	Pass	
Inner_1RB_Left			19.26	/	/	23.08	/	/	<=30	Pass	
Inner_1RB_Right			19.38	/	/	23.20	/	/	<=30	Pass	
3500.01		Edge_1RB_Left	19.52	/	/	23.34	/	/	<=30	Pass	
		Edge_1RB_Right	19.36	/	/	23.18	/	/	<=30	Pass	
		Outer_Full	19.25	/	/	23.07	/	/	<=30	Pass	
		Inner_Full	19.19	/	/	23.01	/	/	<=30	Pass	
		Inner_1RB_Left	19.46	/	/	23.28	/	/	<=30	Pass	
		Inner_1RB_Right	19.32	/	/	23.14	/	/	<=30	Pass	
3540		Edge_1RB_Left	19.54	/	/	23.36	/	/	<=30	Pass	
		Edge_1RB_Right	19.50	/	/	23.32	/	/	<=30	Pass	
		Outer_Full	19.54	/	/	23.36	/	/	<=30	Pass	
		Inner_Full	19.54	/	/	23.36	/	/	<=30	Pass	
		Inner_1RB_Left	19.64	/	/	23.46	/	/	<=30	Pass	
		Inner_1RB_Right	19.53	/	/	23.35	/	/	<=30	Pass	
CP-OFDM 256 QAM	3460.02	Edge_1RB_Left	16.24	/	/	20.06	/	/	<=30	Pass	
		Edge_1RB_Right	16.48	/	/	20.30	/	/	<=30	Pass	
		Outer_Full	16.29	/	/	20.11	/	/	<=30	Pass	
		Inner_Full	16.31	/	/	20.13	/	/	<=30	Pass	
		Inner_1RB_Left	16.40	/	/	20.22	/	/	<=30	Pass	
		Inner_1RB_Right	16.51	/	/	20.33	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	16.41	/	/	20.23	/	/	<=30	Pass	
		Edge_1RB_Right	16.36	/	/	20.18	/	/	<=30	Pass	
		Outer_Full	16.38	/	/	20.20	/	/	<=30	Pass	
		Inner_Full	16.24	/	/	20.06	/	/	<=30	Pass	
		Inner_1RB_Left	16.58	/	/	20.40	/	/	<=30	Pass	
		Inner_1RB_Right	16.33	/	/	20.15	/	/	<=30	Pass	
	3540	Edge_1RB_Left	16.64	/	/	20.46	/	/	<=30	Pass	

		Edge_1RB_Right	16.68	/	/	20.50	/	/	<=30	Pass
		Outer_Full	16.55	/	/	20.37	/	/	<=30	Pass
		Inner_Full	16.57	/	/	20.39	/	/	<=30	Pass
		Inner_1RB_Left	16.71	/	/	20.53	/	/	<=30	Pass
		Inner_1RB_Right	16.59	/	/	20.41	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 3.82dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.2 30k_SISO_30MHz_NTNV_EIRP

1.2.1 Test Result

5G NR n78e 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 QPSK	3465	Edge_1RB_Left	21.99	/	/	25.81	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	25.99	/	/	<=30	Pass
		Outer_Full	22.00	/	/	25.82	/	/	<=30	Pass
		Inner_Full	23.00	/	/	26.82	/	/	<=30	Pass
		Inner_1RB_Left	23.02	/	/	26.84	/	/	<=30	Pass
	Inner_1RB_Right	23.13	/	/	26.95	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	22.22	/	/	26.04	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	25.97	/	/	<=30	Pass
		Outer_Full	22.13	/	/	25.95	/	/	<=30	Pass
		Inner_Full	23.10	/	/	26.92	/	/	<=30	Pass
		Inner_1RB_Left	23.10	/	/	26.92	/	/	<=30	Pass
	Inner_1RB_Right	23.08	/	/	26.90	/	/	<=30	Pass	
	3534.99	Edge_1RB_Left	22.25	/	/	26.07	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	26.17	/	/	<=30	Pass
		Outer_Full	22.38	/	/	26.20	/	/	<=30	Pass
Inner_Full		23.38	/	/	27.20	/	/	<=30	Pass	
Inner_1RB_Left		23.30	/	/	27.12	/	/	<=30	Pass	
Inner_1RB_Right	23.43	/	/	27.25	/	/	<=30	Pass		
DFT-s-OFDM 64 QAM	3465	Edge_1RB_Left	20.37	/	/	24.19	/	/	<=30	Pass
		Edge_1RB_Right	20.47	/	/	24.29	/	/	<=30	Pass
		Outer_Full	20.55	/	/	24.37	/	/	<=30	Pass
		Inner_Full	20.54	/	/	24.36	/	/	<=30	Pass
		Inner_1RB_Left	20.37	/	/	24.19	/	/	<=30	Pass
	Inner_1RB_Right	20.64	/	/	24.46	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	20.74	/	/	24.56	/	/	<=30	Pass
		Edge_1RB_Right	20.73	/	/	24.55	/	/	<=30	Pass
		Outer_Full	20.62	/	/	24.44	/	/	<=30	Pass
		Inner_Full	20.56	/	/	24.38	/	/	<=30	Pass
		Inner_1RB_Left	20.64	/	/	24.46	/	/	<=30	Pass
	Inner_1RB_Right	20.64	/	/	24.46	/	/	<=30	Pass	
	3534.99	Edge_1RB_Left	20.79	/	/	24.61	/	/	<=30	Pass
		Edge_1RB_Right	20.92	/	/	24.74	/	/	<=30	Pass
		Outer_Full	20.87	/	/	24.69	/	/	<=30	Pass
Inner_Full		20.85	/	/	24.67	/	/	<=30	Pass	
Inner_1RB_Left		20.86	/	/	24.68	/	/	<=30	Pass	
Inner_1RB_Right	20.88	/	/	24.70	/	/	<=30	Pass		
DFT-s-OFDM 256 QAM	3465	Edge_1RB_Left	18.58	/	/	22.40	/	/	<=30	Pass
		Edge_1RB_Right	18.69	/	/	22.51	/	/	<=30	Pass
		Outer_Full	18.52	/	/	22.34	/	/	<=30	Pass
		Inner_Full	18.56	/	/	22.38	/	/	<=30	Pass

		Inner_1RB_Left	18.68	/	/	22.50	/	/	<=30	Pass	
		Inner_1RB_Right	18.60	/	/	22.42	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	18.75	/	/	22.57	/	/	<=30	Pass	
		Edge_1RB_Right	18.62	/	/	22.44	/	/	<=30	Pass	
		Outer_Full	18.65	/	/	22.47	/	/	<=30	Pass	
		Inner_Full	18.56	/	/	22.38	/	/	<=30	Pass	
		Inner_1RB_Left	18.51	/	/	22.33	/	/	<=30	Pass	
		Inner_1RB_Right	18.64	/	/	22.46	/	/	<=30	Pass	
	3534.99	Edge_1RB_Left	18.85	/	/	22.67	/	/	<=30	Pass	
		Edge_1RB_Right	18.88	/	/	22.70	/	/	<=30	Pass	
		Outer_Full	18.86	/	/	22.68	/	/	<=30	Pass	
		Inner_Full	18.88	/	/	22.70	/	/	<=30	Pass	
		Inner_1RB_Left	18.97	/	/	22.79	/	/	<=30	Pass	
		Inner_1RB_Right	18.91	/	/	22.73	/	/	<=30	Pass	
CP-OFDM QPSK	3465	Edge_1RB_Left	20.04	/	/	23.86	/	/	<=30	Pass	
		Edge_1RB_Right	20.09	/	/	23.91	/	/	<=30	Pass	
		Outer_Full	20.03	/	/	23.85	/	/	<=30	Pass	
		Inner_Full	21.52	/	/	25.34	/	/	<=30	Pass	
		Inner_1RB_Left	21.52	/	/	25.34	/	/	<=30	Pass	
		Inner_1RB_Right	21.50	/	/	25.32	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	20.12	/	/	23.94	/	/	<=30	Pass	
		Edge_1RB_Right	20.12	/	/	23.94	/	/	<=30	Pass	
		Outer_Full	20.11	/	/	23.93	/	/	<=30	Pass	
		Inner_Full	21.61	/	/	25.43	/	/	<=30	Pass	
		Inner_1RB_Left	21.68	/	/	25.50	/	/	<=30	Pass	
		Inner_1RB_Right	21.70	/	/	25.52	/	/	<=30	Pass	
	3534.99	Edge_1RB_Left	20.29	/	/	24.11	/	/	<=30	Pass	
		Edge_1RB_Right	20.37	/	/	24.19	/	/	<=30	Pass	
		Outer_Full	20.37	/	/	24.19	/	/	<=30	Pass	
		Inner_Full	21.95	/	/	25.77	/	/	<=30	Pass	
		Inner_1RB_Left	21.77	/	/	25.59	/	/	<=30	Pass	
		Inner_1RB_Right	21.96	/	/	25.78	/	/	<=30	Pass	
	CP-OFDM 64 QAM	3465	Edge_1RB_Left	19.38	/	/	23.20	/	/	<=30	Pass
			Edge_1RB_Right	19.70	/	/	23.52	/	/	<=30	Pass
			Outer_Full	19.57	/	/	23.39	/	/	<=30	Pass
			Inner_Full	19.51	/	/	23.33	/	/	<=30	Pass
			Inner_1RB_Left	19.56	/	/	23.38	/	/	<=30	Pass
			Inner_1RB_Right	19.71	/	/	23.53	/	/	<=30	Pass
3500.01		Edge_1RB_Left	19.80	/	/	23.62	/	/	<=30	Pass	
		Edge_1RB_Right	19.72	/	/	23.54	/	/	<=30	Pass	
		Outer_Full	19.61	/	/	23.43	/	/	<=30	Pass	
		Inner_Full	19.57	/	/	23.39	/	/	<=30	Pass	
		Inner_1RB_Left	19.78	/	/	23.60	/	/	<=30	Pass	
		Inner_1RB_Right	19.65	/	/	23.47	/	/	<=30	Pass	
3534.99		Edge_1RB_Left	19.86	/	/	23.68	/	/	<=30	Pass	
		Edge_1RB_Right	19.86	/	/	23.68	/	/	<=30	Pass	
		Outer_Full	19.87	/	/	23.69	/	/	<=30	Pass	
		Inner_Full	19.83	/	/	23.65	/	/	<=30	Pass	
		Inner_1RB_Left	19.85	/	/	23.67	/	/	<=30	Pass	
		Inner_1RB_Right	19.99	/	/	23.81	/	/	<=30	Pass	
CP-OFDM 256 QAM	3465	Edge_1RB_Left	16.69	/	/	20.51	/	/	<=30	Pass	
		Edge_1RB_Right	16.62	/	/	20.44	/	/	<=30	Pass	
		Outer_Full	16.64	/	/	20.46	/	/	<=30	Pass	
		Inner_Full	16.62	/	/	20.44	/	/	<=30	Pass	
		Inner_1RB_Left	16.73	/	/	20.55	/	/	<=30	Pass	
		Inner_1RB_Right	16.89	/	/	20.71	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	16.82	/	/	20.64	/	/	<=30	Pass	

		Edge_1RB_Right	16.79	/	/	20.61	/	/	<=30	Pass
		Outer_Full	16.70	/	/	20.52	/	/	<=30	Pass
		Inner_Full	16.56	/	/	20.38	/	/	<=30	Pass
		Inner_1RB_Left	16.63	/	/	20.45	/	/	<=30	Pass
		Inner_1RB_Right	16.69	/	/	20.51	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	16.75	/	/	20.57	/	/	<=30	Pass
		Edge_1RB_Right	17.02	/	/	20.84	/	/	<=30	Pass
		Outer_Full	16.80	/	/	20.62	/	/	<=30	Pass
		Inner_Full	16.94	/	/	20.76	/	/	<=30	Pass
		Inner_1RB_Left	16.86	/	/	20.68	/	/	<=30	Pass
		Inner_1RB_Right	17.02	/	/	20.84	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 3.82dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.3 30k_SISO_40MHz_NTNV_EIRP

1.3.1 Test Result

5G NR n78e SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3470.01	Edge_1RB_Left	22.11	/	/	25.93	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	26.05	/	/	<=30	Pass
		Outer_Full	22.25	/	/	26.07	/	/	<=30	Pass
		Inner_Full	23.22	/	/	27.04	/	/	<=30	Pass
		Inner_1RB_Left	23.23	/	/	27.05	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	23.16	/	/	26.98	/	/	<=30	Pass
		Edge_1RB_Left	22.22	/	/	26.04	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	26.03	/	/	<=30	Pass
		Outer_Full	22.18	/	/	26.00	/	/	<=30	Pass
		Inner_Full	23.12	/	/	26.94	/	/	<=30	Pass
	3529.98	Inner_1RB_Left	23.26	/	/	27.08	/	/	<=30	Pass
		Inner_1RB_Right	23.21	/	/	27.03	/	/	<=30	Pass
		Edge_1RB_Left	22.16	/	/	25.98	/	/	<=30	Pass
		Edge_1RB_Right	22.29	/	/	26.11	/	/	<=30	Pass
		Outer_Full	22.33	/	/	26.15	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3470.01	Inner_Full	23.32	/	/	27.14	/	/	<=30	Pass
		Inner_1RB_Left	23.23	/	/	27.05	/	/	<=30	Pass
		Inner_1RB_Right	23.36	/	/	27.18	/	/	<=30	Pass
		Edge_1RB_Left	20.62	/	/	24.44	/	/	<=30	Pass
		Edge_1RB_Right	20.62	/	/	24.44	/	/	<=30	Pass
	3500.01	Outer_Full	20.73	/	/	24.55	/	/	<=30	Pass
		Inner_Full	20.70	/	/	24.52	/	/	<=30	Pass
		Inner_1RB_Left	20.66	/	/	24.48	/	/	<=30	Pass
		Inner_1RB_Right	20.62	/	/	24.44	/	/	<=30	Pass
		Edge_1RB_Left	20.77	/	/	24.59	/	/	<=30	Pass
	3529.98	Edge_1RB_Right	20.77	/	/	24.59	/	/	<=30	Pass
		Outer_Full	20.65	/	/	24.47	/	/	<=30	Pass
		Inner_Full	20.65	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Left	20.76	/	/	24.58	/	/	<=30	Pass
		Inner_1RB_Right	20.73	/	/	24.55	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	20.67	/	/	24.49	/	/	<=30	Pass
		Edge_1RB_Right	20.85	/	/	24.67	/	/	<=30	Pass
		Outer_Full	20.80	/	/	24.62	/	/	<=30	Pass
		Inner_Full	20.88	/	/	24.70	/	/	<=30	Pass

		Inner_1RB_Left	20.93	/	/	24.75	/	/	<=30	Pass
		Inner_1RB_Right	20.93	/	/	24.75	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3470.01	Edge_1RB_Left	18.72	/	/	22.54	/	/	<=30	Pass
		Edge_1RB_Right	18.72	/	/	22.54	/	/	<=30	Pass
		Outer_Full	18.68	/	/	22.50	/	/	<=30	Pass
		Inner_Full	18.75	/	/	22.57	/	/	<=30	Pass
		Inner_1RB_Left	18.62	/	/	22.44	/	/	<=30	Pass
		Inner_1RB_Right	18.79	/	/	22.61	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.84	/	/	22.66	/	/	<=30	Pass
		Edge_1RB_Right	18.76	/	/	22.58	/	/	<=30	Pass
		Outer_Full	18.66	/	/	22.48	/	/	<=30	Pass
		Inner_Full	18.63	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Left	18.90	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Right	18.71	/	/	22.53	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	18.73	/	/	22.55	/	/	<=30	Pass
		Edge_1RB_Right	18.82	/	/	22.64	/	/	<=30	Pass
		Outer_Full	18.84	/	/	22.66	/	/	<=30	Pass
Inner_Full		18.78	/	/	22.60	/	/	<=30	Pass	
Inner_1RB_Left		18.81	/	/	22.63	/	/	<=30	Pass	
Inner_1RB_Right		18.89	/	/	22.71	/	/	<=30	Pass	
CP-OFDM QPSK	3470.01	Edge_1RB_Left	20.17	/	/	23.99	/	/	<=30	Pass
		Edge_1RB_Right	20.25	/	/	24.07	/	/	<=30	Pass
		Outer_Full	20.30	/	/	24.12	/	/	<=30	Pass
		Inner_Full	21.65	/	/	25.47	/	/	<=30	Pass
		Inner_1RB_Left	21.58	/	/	25.40	/	/	<=30	Pass
		Inner_1RB_Right	21.69	/	/	25.51	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.31	/	/	24.13	/	/	<=30	Pass
		Edge_1RB_Right	20.12	/	/	23.94	/	/	<=30	Pass
		Outer_Full	20.21	/	/	24.03	/	/	<=30	Pass
		Inner_Full	21.64	/	/	25.46	/	/	<=30	Pass
		Inner_1RB_Left	21.63	/	/	25.45	/	/	<=30	Pass
		Inner_1RB_Right	21.76	/	/	25.58	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	20.27	/	/	24.09	/	/	<=30	Pass
		Edge_1RB_Right	20.29	/	/	24.11	/	/	<=30	Pass
		Outer_Full	20.31	/	/	24.13	/	/	<=30	Pass
Inner_Full		21.77	/	/	25.59	/	/	<=30	Pass	
Inner_1RB_Left		21.76	/	/	25.58	/	/	<=30	Pass	
Inner_1RB_Right		21.88	/	/	25.70	/	/	<=30	Pass	
CP-OFDM 64 QAM	3470.01	Edge_1RB_Left	19.59	/	/	23.41	/	/	<=30	Pass
		Edge_1RB_Right	19.72	/	/	23.54	/	/	<=30	Pass
		Outer_Full	19.77	/	/	23.59	/	/	<=30	Pass
		Inner_Full	19.72	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Left	19.68	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Right	19.81	/	/	23.63	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.84	/	/	23.66	/	/	<=30	Pass
		Edge_1RB_Right	19.81	/	/	23.63	/	/	<=30	Pass
		Outer_Full	19.69	/	/	23.51	/	/	<=30	Pass
		Inner_Full	19.64	/	/	23.46	/	/	<=30	Pass
		Inner_1RB_Left	19.87	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Right	19.92	/	/	23.74	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	19.84	/	/	23.66	/	/	<=30	Pass
		Edge_1RB_Right	19.95	/	/	23.77	/	/	<=30	Pass
		Outer_Full	19.82	/	/	23.64	/	/	<=30	Pass
Inner_Full		19.81	/	/	23.63	/	/	<=30	Pass	
Inner_1RB_Left		19.80	/	/	23.62	/	/	<=30	Pass	
Inner_1RB_Right		19.91	/	/	23.73	/	/	<=30	Pass	
CP-OFDM 256 QAM	3470.01	Edge_1RB_Left	16.67	/	/	20.49	/	/	<=30	Pass

	3500.01	Edge_1RB_Right	16.79	/	/	20.61	/	/	<=30	Pass
		Outer_Full	16.75	/	/	20.57	/	/	<=30	Pass
		Inner_Full	16.67	/	/	20.49	/	/	<=30	Pass
		Inner_1RB_Left	16.73	/	/	20.55	/	/	<=30	Pass
		Inner_1RB_Right	16.78	/	/	20.60	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.83	/	/	20.65	/	/	<=30	Pass
		Edge_1RB_Right	16.72	/	/	20.54	/	/	<=30	Pass
		Outer_Full	16.73	/	/	20.55	/	/	<=30	Pass
		Inner_Full	16.62	/	/	20.44	/	/	<=30	Pass
		Inner_1RB_Left	16.74	/	/	20.56	/	/	<=30	Pass
	3529.98	Inner_1RB_Right	16.94	/	/	20.76	/	/	<=30	Pass
		Edge_1RB_Left	16.75	/	/	20.57	/	/	<=30	Pass
		Edge_1RB_Right	16.77	/	/	20.59	/	/	<=30	Pass
		Outer_Full	16.82	/	/	20.64	/	/	<=30	Pass
		Inner_Full	16.79	/	/	20.61	/	/	<=30	Pass
3529.98	Inner_1RB_Left	16.93	/	/	20.75	/	/	<=30	Pass	
	Inner_1RB_Right	16.97	/	/	20.79	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: 3.82dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.4 30k_SISO_50MHz_NTNV_EIRP

1.4.1 Test Result

5G NR n78e 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 QPSK	3475.02	Edge_1RB_Left	21.58	/	/	25.40	/	/	<=30	Pass
		Edge_1RB_Right	21.55	/	/	25.37	/	/	<=30	Pass
		Outer_Full	21.68	/	/	25.50	/	/	<=30	Pass
		Inner_Full	22.73	/	/	26.55	/	/	<=30	Pass
		Inner_1RB_Left	22.64	/	/	26.46	/	/	<=30	Pass
		Inner_1RB_Right	22.62	/	/	26.44	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.82	/	/	25.64	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	25.52	/	/	<=30	Pass
		Outer_Full	21.68	/	/	25.50	/	/	<=30	Pass
		Inner_Full	22.67	/	/	26.49	/	/	<=30	Pass
		Inner_1RB_Left	22.68	/	/	26.50	/	/	<=30	Pass
	3525	Inner_1RB_Right	22.63	/	/	26.45	/	/	<=30	Pass
		Edge_1RB_Left	21.71	/	/	25.53	/	/	<=30	Pass
		Edge_1RB_Right	21.77	/	/	25.59	/	/	<=30	Pass
		Outer_Full	21.80	/	/	25.62	/	/	<=30	Pass
Inner_Full		22.83	/	/	26.65	/	/	<=30	Pass	
DFT-s-OFDM 64 QAM	3475.02	Inner_1RB_Left	22.70	/	/	26.52	/	/	<=30	Pass
		Inner_1RB_Right	22.77	/	/	26.59	/	/	<=30	Pass
		Edge_1RB_Left	20.01	/	/	23.83	/	/	<=30	Pass
		Edge_1RB_Right	20.01	/	/	23.83	/	/	<=30	Pass
		Outer_Full	20.19	/	/	24.01	/	/	<=30	Pass
		Inner_Full	20.21	/	/	24.03	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	20.18	/	/	24.00	/	/	<=30	Pass
		Inner_1RB_Right	20.13	/	/	23.95	/	/	<=30	Pass
		Edge_1RB_Left	20.21	/	/	24.03	/	/	<=30	Pass
		Edge_1RB_Right	20.17	/	/	23.99	/	/	<=30	Pass
3500.01	Outer_Full	20.20	/	/	24.02	/	/	<=30	Pass	
	Inner_Full	20.19	/	/	24.01	/	/	<=30	Pass	

		Inner_1RB_Left	20.16	/	/	23.98	/	/	<=30	Pass	
		Inner_1RB_Right	20.20	/	/	24.02	/	/	<=30	Pass	
	3525	Edge_1RB_Left	20.20	/	/	24.02	/	/	<=30	Pass	
		Edge_1RB_Right	20.28	/	/	24.10	/	/	<=30	Pass	
		Outer_Full	20.34	/	/	24.16	/	/	<=30	Pass	
		Inner_Full	20.31	/	/	24.13	/	/	<=30	Pass	
		Inner_1RB_Left	20.06	/	/	23.88	/	/	<=30	Pass	
		Inner_1RB_Right	20.31	/	/	24.13	/	/	<=30	Pass	
DFT-s-OFDM 256 QAM	3475.02	Edge_1RB_Left	18.27	/	/	22.09	/	/	<=30	Pass	
		Edge_1RB_Right	18.11	/	/	21.93	/	/	<=30	Pass	
		Outer_Full	18.15	/	/	21.97	/	/	<=30	Pass	
		Inner_Full	18.17	/	/	21.99	/	/	<=30	Pass	
		Inner_1RB_Left	18.34	/	/	22.16	/	/	<=30	Pass	
		Inner_1RB_Right	18.24	/	/	22.06	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	18.38	/	/	22.20	/	/	<=30	Pass	
		Edge_1RB_Right	18.17	/	/	21.99	/	/	<=30	Pass	
		Outer_Full	18.17	/	/	21.99	/	/	<=30	Pass	
		Inner_Full	18.15	/	/	21.97	/	/	<=30	Pass	
		Inner_1RB_Left	18.33	/	/	22.15	/	/	<=30	Pass	
		Inner_1RB_Right	18.26	/	/	22.08	/	/	<=30	Pass	
	3525	Edge_1RB_Left	18.30	/	/	22.12	/	/	<=30	Pass	
		Edge_1RB_Right	18.30	/	/	22.12	/	/	<=30	Pass	
		Outer_Full	18.29	/	/	22.11	/	/	<=30	Pass	
		Inner_Full	18.32	/	/	22.14	/	/	<=30	Pass	
		Inner_1RB_Left	18.11	/	/	21.93	/	/	<=30	Pass	
		Inner_1RB_Right	18.35	/	/	22.17	/	/	<=30	Pass	
	CP-OFDM QPSK	3475.02	Edge_1RB_Left	19.68	/	/	23.50	/	/	<=30	Pass
			Edge_1RB_Right	19.58	/	/	23.40	/	/	<=30	Pass
Outer_Full			19.68	/	/	23.50	/	/	<=30	Pass	
Inner_Full			21.17	/	/	24.99	/	/	<=30	Pass	
Inner_1RB_Left			21.34	/	/	25.16	/	/	<=30	Pass	
Inner_1RB_Right			21.05	/	/	24.87	/	/	<=30	Pass	
3500.01		Edge_1RB_Left	19.78	/	/	23.60	/	/	<=30	Pass	
		Edge_1RB_Right	19.73	/	/	23.55	/	/	<=30	Pass	
		Outer_Full	19.65	/	/	23.47	/	/	<=30	Pass	
		Inner_Full	21.10	/	/	24.92	/	/	<=30	Pass	
		Inner_1RB_Left	21.43	/	/	25.25	/	/	<=30	Pass	
		Inner_1RB_Right	21.25	/	/	25.07	/	/	<=30	Pass	
3525		Edge_1RB_Left	19.63	/	/	23.45	/	/	<=30	Pass	
		Edge_1RB_Right	19.76	/	/	23.58	/	/	<=30	Pass	
		Outer_Full	19.78	/	/	23.60	/	/	<=30	Pass	
		Inner_Full	21.26	/	/	25.08	/	/	<=30	Pass	
		Inner_1RB_Left	21.27	/	/	25.09	/	/	<=30	Pass	
		Inner_1RB_Right	21.28	/	/	25.10	/	/	<=30	Pass	
CP-OFDM 64 QAM		3475.02	Edge_1RB_Left	19.26	/	/	23.08	/	/	<=30	Pass
			Edge_1RB_Right	19.18	/	/	23.00	/	/	<=30	Pass
	Outer_Full		19.11	/	/	22.93	/	/	<=30	Pass	
	Inner_Full		19.17	/	/	22.99	/	/	<=30	Pass	
	Inner_1RB_Left		19.34	/	/	23.16	/	/	<=30	Pass	
	Inner_1RB_Right		19.12	/	/	22.94	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	19.13	/	/	22.95	/	/	<=30	Pass	
		Edge_1RB_Right	19.34	/	/	23.16	/	/	<=30	Pass	
		Outer_Full	19.23	/	/	23.05	/	/	<=30	Pass	
		Inner_Full	19.19	/	/	23.01	/	/	<=30	Pass	
		Inner_1RB_Left	19.13	/	/	22.95	/	/	<=30	Pass	
		Inner_1RB_Right	19.33	/	/	23.15	/	/	<=30	Pass	
	3525	Edge_1RB_Left	19.31	/	/	23.13	/	/	<=30	Pass	

CP-OFDM 256 QAM		Edge_1RB_Right	19.37	/	/	23.19	/	/	<=30	Pass
		Outer_Full	19.41	/	/	23.23	/	/	<=30	Pass
		Inner_Full	19.33	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Left	19.26	/	/	23.08	/	/	<=30	Pass
		Inner_1RB_Right	19.27	/	/	23.09	/	/	<=30	Pass
	3475.02	Edge_1RB_Left	16.02	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	16.25	/	/	20.07	/	/	<=30	Pass
		Outer_Full	16.09	/	/	19.91	/	/	<=30	Pass
		Inner_Full	16.22	/	/	20.04	/	/	<=30	Pass
		Inner_1RB_Left	16.28	/	/	20.10	/	/	<=30	Pass
		Inner_1RB_Right	16.27	/	/	20.09	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.25	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Right	16.35	/	/	20.17	/	/	<=30	Pass
		Outer_Full	16.23	/	/	20.05	/	/	<=30	Pass
		Inner_Full	16.23	/	/	20.05	/	/	<=30	Pass
		Inner_1RB_Left	16.30	/	/	20.12	/	/	<=30	Pass
	3525	Inner_1RB_Right	16.13	/	/	19.95	/	/	<=30	Pass
		Edge_1RB_Left	16.34	/	/	20.16	/	/	<=30	Pass
		Edge_1RB_Right	16.20	/	/	20.02	/	/	<=30	Pass
Outer_Full		16.41	/	/	20.23	/	/	<=30	Pass	
Inner_Full		16.31	/	/	20.13	/	/	<=30	Pass	
Inner_1RB_Left		16.25	/	/	20.07	/	/	<=30	Pass	
		Inner_1RB_Right	16.24	/	/	20.06	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 3.82dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.5 30k_SISO_60MHz_NTNV_EIRP

1.5.1 Test Result

5G NR n78e SCS=30kHz SISO 60MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3480	Edge_1RB_Left	21.68	/	/	25.50	/	/	<=30	Pass
		Edge_1RB_Right	21.79	/	/	25.61	/	/	<=30	Pass
		Outer_Full	21.85	/	/	25.67	/	/	<=30	Pass
		Inner_Full	22.92	/	/	26.74	/	/	<=30	Pass
		Inner_1RB_Left	22.79	/	/	26.61	/	/	<=30	Pass
		Inner_1RB_Right	22.78	/	/	26.60	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.84	/	/	25.66	/	/	<=30	Pass
		Edge_1RB_Right	21.86	/	/	25.68	/	/	<=30	Pass
		Outer_Full	21.84	/	/	25.66	/	/	<=30	Pass
		Inner_Full	22.79	/	/	26.61	/	/	<=30	Pass
		Inner_1RB_Left	22.88	/	/	26.70	/	/	<=30	Pass
	3519.99	Inner_1RB_Right	22.81	/	/	26.63	/	/	<=30	Pass
		Edge_1RB_Left	21.85	/	/	25.67	/	/	<=30	Pass
		Edge_1RB_Right	21.91	/	/	25.73	/	/	<=30	Pass
		Outer_Full	21.97	/	/	25.79	/	/	<=30	Pass
		Inner_Full	22.87	/	/	26.69	/	/	<=30	Pass
		Inner_1RB_Left	22.98	/	/	26.80	/	/	<=30	Pass
		Inner_1RB_Right	22.95	/	/	26.77	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3480	Edge_1RB_Left	20.12	/	/	23.94	/	/	<=30	Pass
		Edge_1RB_Right	20.33	/	/	24.15	/	/	<=30	Pass
		Outer_Full	20.28	/	/	24.10	/	/	<=30	Pass
		Inner_Full	20.39	/	/	24.21	/	/	<=30	Pass

	3500.01	Inner_1RB_Left	20.18	/	/	24.00	/	/	<=30	Pass	
		Inner_1RB_Right	20.44	/	/	24.26	/	/	<=30	Pass	
		Edge_1RB_Left	20.58	/	/	24.40	/	/	<=30	Pass	
		Edge_1RB_Right	20.32	/	/	24.14	/	/	<=30	Pass	
		Outer_Full	20.37	/	/	24.19	/	/	<=30	Pass	
		Inner_Full	20.32	/	/	24.14	/	/	<=30	Pass	
		Inner_1RB_Left	20.49	/	/	24.31	/	/	<=30	Pass	
	Inner_1RB_Right	20.39	/	/	24.21	/	/	<=30	Pass		
	3519.99	Edge_1RB_Left	20.41	/	/	24.23	/	/	<=30	Pass	
		Edge_1RB_Right	20.40	/	/	24.22	/	/	<=30	Pass	
		Outer_Full	20.39	/	/	24.21	/	/	<=30	Pass	
		Inner_Full	20.44	/	/	24.26	/	/	<=30	Pass	
		Inner_1RB_Left	20.31	/	/	24.13	/	/	<=30	Pass	
		Inner_1RB_Right	20.32	/	/	24.14	/	/	<=30	Pass	
Edge_1RB_Left		18.18	/	/	22.00	/	/	<=30	Pass		
DFT-s-OFDM 256 QAM	3480	Edge_1RB_Right	18.37	/	/	22.19	/	/	<=30	Pass	
		Outer_Full	18.29	/	/	22.11	/	/	<=30	Pass	
		Inner_Full	18.34	/	/	22.16	/	/	<=30	Pass	
		Inner_1RB_Left	18.25	/	/	22.07	/	/	<=30	Pass	
		Inner_1RB_Right	18.24	/	/	22.06	/	/	<=30	Pass	
		Edge_1RB_Left	18.44	/	/	22.26	/	/	<=30	Pass	
		Edge_1RB_Right	18.43	/	/	22.25	/	/	<=30	Pass	
	3500.01	Outer_Full	18.35	/	/	22.17	/	/	<=30	Pass	
		Inner_Full	18.34	/	/	22.16	/	/	<=30	Pass	
		Inner_1RB_Left	18.30	/	/	22.12	/	/	<=30	Pass	
		Inner_1RB_Right	18.19	/	/	22.01	/	/	<=30	Pass	
		Edge_1RB_Left	18.42	/	/	22.24	/	/	<=30	Pass	
		Edge_1RB_Right	18.48	/	/	22.30	/	/	<=30	Pass	
		Outer_Full	18.44	/	/	22.26	/	/	<=30	Pass	
3519.99	Inner_Full	18.37	/	/	22.19	/	/	<=30	Pass		
	Inner_1RB_Left	18.53	/	/	22.35	/	/	<=30	Pass		
	Inner_1RB_Right	18.23	/	/	22.05	/	/	<=30	Pass		
	CP-OFDM QPSK	3480	Edge_1RB_Left	19.76	/	/	23.58	/	/	<=30	Pass
			Edge_1RB_Right	19.76	/	/	23.58	/	/	<=30	Pass
			Outer_Full	19.77	/	/	23.59	/	/	<=30	Pass
			Inner_Full	21.38	/	/	25.20	/	/	<=30	Pass
Inner_1RB_Left			21.25	/	/	25.07	/	/	<=30	Pass	
Inner_1RB_Right			21.24	/	/	25.06	/	/	<=30	Pass	
Edge_1RB_Left			19.97	/	/	23.79	/	/	<=30	Pass	
3500.01		Edge_1RB_Right	19.76	/	/	23.58	/	/	<=30	Pass	
		Outer_Full	19.82	/	/	23.64	/	/	<=30	Pass	
		Inner_Full	21.29	/	/	25.11	/	/	<=30	Pass	
		Inner_1RB_Left	21.36	/	/	25.18	/	/	<=30	Pass	
		Inner_1RB_Right	21.21	/	/	25.03	/	/	<=30	Pass	
		Edge_1RB_Left	19.98	/	/	23.80	/	/	<=30	Pass	
		Edge_1RB_Right	19.88	/	/	23.70	/	/	<=30	Pass	
3519.99	Outer_Full	19.95	/	/	23.77	/	/	<=30	Pass		
	Inner_Full	21.39	/	/	25.21	/	/	<=30	Pass		
	Inner_1RB_Left	21.23	/	/	25.05	/	/	<=30	Pass		
	Inner_1RB_Right	21.29	/	/	25.11	/	/	<=30	Pass		
	CP-OFDM 64 QAM	3480	Edge_1RB_Left	19.28	/	/	23.10	/	/	<=30	Pass
			Edge_1RB_Right	19.36	/	/	23.18	/	/	<=30	Pass
			Outer_Full	19.25	/	/	23.07	/	/	<=30	Pass
Inner_Full			19.31	/	/	23.13	/	/	<=30	Pass	
Inner_1RB_Left			19.33	/	/	23.15	/	/	<=30	Pass	
Inner_1RB_Right			19.32	/	/	23.14	/	/	<=30	Pass	
Edge_1RB_Left			19.39	/	/	23.21	/	/	<=30	Pass	
3500.01		Edge_1RB_Left	19.39	/	/	23.21	/	/	<=30	Pass	

		Edge_1RB_Right	19.33	/	/	23.15	/	/	<=30	Pass	
		Outer_Full	19.39	/	/	23.21	/	/	<=30	Pass	
		Inner_Full	19.32	/	/	23.14	/	/	<=30	Pass	
		Inner_1RB_Left	19.35	/	/	23.17	/	/	<=30	Pass	
		Inner_1RB_Right	19.43	/	/	23.25	/	/	<=30	Pass	
	3519.99	Edge_1RB_Left	19.43	/	/	23.25	/	/	<=30	Pass	
		Edge_1RB_Right	19.52	/	/	23.34	/	/	<=30	Pass	
		Outer_Full	19.42	/	/	23.24	/	/	<=30	Pass	
		Inner_Full	19.39	/	/	23.21	/	/	<=30	Pass	
		Inner_1RB_Left	19.50	/	/	23.32	/	/	<=30	Pass	
	CP-OFDM 256 QAM	3480	Edge_1RB_Left	16.40	/	/	20.22	/	/	<=30	Pass
			Edge_1RB_Right	16.44	/	/	20.26	/	/	<=30	Pass
			Outer_Full	16.38	/	/	20.20	/	/	<=30	Pass
			Inner_Full	16.39	/	/	20.21	/	/	<=30	Pass
Inner_1RB_Left			16.08	/	/	19.90	/	/	<=30	Pass	
Inner_1RB_Right			16.39	/	/	20.21	/	/	<=30	Pass	
3500.01		Edge_1RB_Left	16.28	/	/	20.10	/	/	<=30	Pass	
		Edge_1RB_Right	16.58	/	/	20.40	/	/	<=30	Pass	
		Outer_Full	16.35	/	/	20.17	/	/	<=30	Pass	
		Inner_Full	16.30	/	/	20.12	/	/	<=30	Pass	
3519.99		Inner_1RB_Left	16.60	/	/	20.42	/	/	<=30	Pass	
		Inner_1RB_Right	16.53	/	/	20.35	/	/	<=30	Pass	
		Edge_1RB_Left	16.46	/	/	20.28	/	/	<=30	Pass	
		Edge_1RB_Right	16.49	/	/	20.31	/	/	<=30	Pass	
	Outer_Full	16.41	/	/	20.23	/	/	<=30	Pass		
	Inner_Full	16.43	/	/	20.25	/	/	<=30	Pass		
	Inner_1RB_Left	16.60	/	/	20.42	/	/	<=30	Pass		
	Inner_1RB_Right	16.44	/	/	20.26	/	/	<=30	Pass		
Note1: Antenna Gain: Ant1: 3.82dBi;											
Note2: EIRP=Conducted Power+Antenna Gain											

1.6 30k_SISO_70MHz_NTNV_EIRP

1.6.1 Test Result

5G NR n78e SCS=30kHz SISO 70MHz NTN											
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)			Limit	Verdict	
			Ant1	Ant2	Sum	Ant1	Ant2	Sum			
DFT-s-OFDM QPSK	3485.01	Edge_1RB_Left	21.67	/	/	25.49	/	/	<=30	Pass	
		Edge_1RB_Right	21.80	/	/	25.62	/	/	<=30	Pass	
		Outer_Full	21.87	/	/	25.69	/	/	<=30	Pass	
		Inner_Full	22.88	/	/	26.70	/	/	<=30	Pass	
		Inner_1RB_Left	22.78	/	/	26.60	/	/	<=30	Pass	
		Inner_1RB_Right	22.79	/	/	26.61	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	21.84	/	/	25.66	/	/	<=30	Pass	
		Edge_1RB_Right	21.85	/	/	25.67	/	/	<=30	Pass	
		Outer_Full	21.89	/	/	25.71	/	/	<=30	Pass	
		Inner_Full	22.88	/	/	26.70	/	/	<=30	Pass	
		Inner_1RB_Left	22.84	/	/	26.66	/	/	<=30	Pass	
	3514.98	Inner_1RB_Right	22.98	/	/	26.80	/	/	<=30	Pass	
		Edge_1RB_Left	21.87	/	/	25.69	/	/	<=30	Pass	
		Edge_1RB_Right	21.98	/	/	25.80	/	/	<=30	Pass	
		Outer_Full	22.02	/	/	25.84	/	/	<=30	Pass	
			Inner_Full	22.96	/	/	26.78	/	/	<=30	Pass

		Inner_1RB_Left	22.99	/	/	26.81	/	/	<=30	Pass
		Inner_1RB_Right	23.11	/	/	26.93	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3485.01	Edge_1RB_Left	20.24	/	/	24.06	/	/	<=30	Pass
		Edge_1RB_Right	20.32	/	/	24.14	/	/	<=30	Pass
		Outer_Full	20.19	/	/	24.01	/	/	<=30	Pass
		Inner_Full	20.29	/	/	24.11	/	/	<=30	Pass
		Inner_1RB_Left	20.24	/	/	24.06	/	/	<=30	Pass
		Inner_1RB_Right	20.39	/	/	24.21	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.32	/	/	24.14	/	/	<=30	Pass
		Edge_1RB_Right	20.46	/	/	24.28	/	/	<=30	Pass
		Outer_Full	20.36	/	/	24.18	/	/	<=30	Pass
		Inner_Full	20.28	/	/	24.10	/	/	<=30	Pass
		Inner_1RB_Left	20.31	/	/	24.13	/	/	<=30	Pass
		Inner_1RB_Right	20.47	/	/	24.29	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	20.39	/	/	24.21	/	/	<=30	Pass
		Edge_1RB_Right	20.56	/	/	24.38	/	/	<=30	Pass
		Outer_Full	20.58	/	/	24.40	/	/	<=30	Pass
Inner_Full		20.48	/	/	24.30	/	/	<=30	Pass	
Inner_1RB_Left		20.39	/	/	24.21	/	/	<=30	Pass	
Inner_1RB_Right		20.52	/	/	24.34	/	/	<=30	Pass	
DFT-s-OFDM 256 QAM	3485.01	Edge_1RB_Left	18.29	/	/	22.11	/	/	<=30	Pass
		Edge_1RB_Right	18.24	/	/	22.06	/	/	<=30	Pass
		Outer_Full	18.34	/	/	22.16	/	/	<=30	Pass
		Inner_Full	18.39	/	/	22.21	/	/	<=30	Pass
		Inner_1RB_Left	18.31	/	/	22.13	/	/	<=30	Pass
		Inner_1RB_Right	18.49	/	/	22.31	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.49	/	/	22.31	/	/	<=30	Pass
		Edge_1RB_Right	18.46	/	/	22.28	/	/	<=30	Pass
		Outer_Full	18.41	/	/	22.23	/	/	<=30	Pass
		Inner_Full	18.35	/	/	22.17	/	/	<=30	Pass
		Inner_1RB_Left	18.56	/	/	22.38	/	/	<=30	Pass
		Inner_1RB_Right	18.51	/	/	22.33	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	18.63	/	/	22.45	/	/	<=30	Pass
		Edge_1RB_Right	18.53	/	/	22.35	/	/	<=30	Pass
		Outer_Full	18.50	/	/	22.32	/	/	<=30	Pass
Inner_Full		18.49	/	/	22.31	/	/	<=30	Pass	
Inner_1RB_Left		18.48	/	/	22.30	/	/	<=30	Pass	
Inner_1RB_Right		18.47	/	/	22.29	/	/	<=30	Pass	
CP-OFDM QPSK	3485.01	Edge_1RB_Left	19.88	/	/	23.70	/	/	<=30	Pass
		Edge_1RB_Right	19.78	/	/	23.60	/	/	<=30	Pass
		Outer_Full	19.85	/	/	23.67	/	/	<=30	Pass
		Inner_Full	21.36	/	/	25.18	/	/	<=30	Pass
		Inner_1RB_Left	21.31	/	/	25.13	/	/	<=30	Pass
		Inner_1RB_Right	21.36	/	/	25.18	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.80	/	/	23.62	/	/	<=30	Pass
		Edge_1RB_Right	19.99	/	/	23.81	/	/	<=30	Pass
		Outer_Full	19.90	/	/	23.72	/	/	<=30	Pass
		Inner_Full	21.34	/	/	25.16	/	/	<=30	Pass
		Inner_1RB_Left	21.30	/	/	25.12	/	/	<=30	Pass
		Inner_1RB_Right	21.53	/	/	25.35	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	19.95	/	/	23.77	/	/	<=30	Pass
		Edge_1RB_Right	20.04	/	/	23.86	/	/	<=30	Pass
		Outer_Full	20.02	/	/	23.84	/	/	<=30	Pass
Inner_Full		21.44	/	/	25.26	/	/	<=30	Pass	
Inner_1RB_Left		21.46	/	/	25.28	/	/	<=30	Pass	
Inner_1RB_Right		21.73	/	/	25.55	/	/	<=30	Pass	
CP-OFDM 64 QAM	3485.01	Edge_1RB_Left	19.29	/	/	23.11	/	/	<=30	Pass

		Edge_1RB_Right	19.42	/	/	23.24	/	/	<=30	Pass
		Outer_Full	19.37	/	/	23.19	/	/	<=30	Pass
		Inner_Full	19.38	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Left	19.19	/	/	23.01	/	/	<=30	Pass
		Inner_1RB_Right	19.51	/	/	23.33	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.41	/	/	23.23	/	/	<=30	Pass
		Edge_1RB_Right	19.35	/	/	23.17	/	/	<=30	Pass
		Outer_Full	19.42	/	/	23.24	/	/	<=30	Pass
		Inner_Full	19.36	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Left	19.32	/	/	23.14	/	/	<=30	Pass
	3514.98	Inner_1RB_Right	19.52	/	/	23.34	/	/	<=30	Pass
		Edge_1RB_Left	19.44	/	/	23.26	/	/	<=30	Pass
		Edge_1RB_Right	19.58	/	/	23.40	/	/	<=30	Pass
		Outer_Full	19.62	/	/	23.44	/	/	<=30	Pass
		Inner_Full	19.50	/	/	23.32	/	/	<=30	Pass
CP-OFDM 256 QAM	3485.01	Inner_1RB_Left	19.20	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Right	19.67	/	/	23.49	/	/	<=30	Pass
		Edge_1RB_Left	16.44	/	/	20.26	/	/	<=30	Pass
		Edge_1RB_Right	16.43	/	/	20.25	/	/	<=30	Pass
		Outer_Full	16.38	/	/	20.20	/	/	<=30	Pass
	3500.01	Inner_Full	16.35	/	/	20.17	/	/	<=30	Pass
		Inner_1RB_Left	16.50	/	/	20.32	/	/	<=30	Pass
		Inner_1RB_Right	16.28	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Left	16.35	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	16.56	/	/	20.38	/	/	<=30	Pass
	3514.98	Outer_Full	16.48	/	/	20.30	/	/	<=30	Pass
		Inner_Full	16.38	/	/	20.20	/	/	<=30	Pass
		Inner_1RB_Left	16.47	/	/	20.29	/	/	<=30	Pass
		Inner_1RB_Right	16.49	/	/	20.31	/	/	<=30	Pass
		Edge_1RB_Left	16.61	/	/	20.43	/	/	<=30	Pass
	3514.98	Edge_1RB_Right	16.73	/	/	20.55	/	/	<=30	Pass
		Outer_Full	16.51	/	/	20.33	/	/	<=30	Pass
		Inner_Full	16.47	/	/	20.29	/	/	<=30	Pass
		Inner_1RB_Left	16.53	/	/	20.35	/	/	<=30	Pass
		Inner_1RB_Right	16.56	/	/	20.38	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 3.82dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.7 30k_SISO_80MHz_NTNV_EIRP

1.7.1 Test Result

5G NR n78e SCS=30kHz SISO 80MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3490.02	Edge_1RB_Left	21.80	/	/	25.62	/	/	<=30	Pass
		Edge_1RB_Right	21.86	/	/	25.68	/	/	<=30	Pass
		Outer_Full	21.96	/	/	25.78	/	/	<=30	Pass
		Inner_Full	22.90	/	/	26.72	/	/	<=30	Pass
		Inner_1RB_Left	22.75	/	/	26.57	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	22.93	/	/	26.75	/	/	<=30	Pass
		Edge_1RB_Left	21.85	/	/	25.67	/	/	<=30	Pass
		Edge_1RB_Right	22.01	/	/	25.83	/	/	<=30	Pass
		Outer_Full	21.90	/	/	25.72	/	/	<=30	Pass
		Inner_Full	22.86	/	/	26.68	/	/	<=30	Pass

		Inner_1RB_Left	22.75	/	/	26.57	/	/	<=30	Pass	
		Inner_1RB_Right	22.97	/	/	26.79	/	/	<=30	Pass	
	3510	Edge_1RB_Left	21.92	/	/	25.74	/	/	<=30	Pass	
		Edge_1RB_Right	21.89	/	/	25.71	/	/	<=30	Pass	
		Outer_Full	21.90	/	/	25.72	/	/	<=30	Pass	
		Inner_Full	22.86	/	/	26.68	/	/	<=30	Pass	
		Inner_1RB_Left	22.87	/	/	26.69	/	/	<=30	Pass	
		Inner_1RB_Right	22.93	/	/	26.75	/	/	<=30	Pass	
DFT-s-OFDM 64 QAM	3490.02	Edge_1RB_Left	20.31	/	/	24.13	/	/	<=30	Pass	
		Edge_1RB_Right	20.51	/	/	24.33	/	/	<=30	Pass	
		Outer_Full	20.44	/	/	24.26	/	/	<=30	Pass	
		Inner_Full	20.43	/	/	24.25	/	/	<=30	Pass	
		Inner_1RB_Left	20.48	/	/	24.30	/	/	<=30	Pass	
		Inner_1RB_Right	20.47	/	/	24.29	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	20.48	/	/	24.30	/	/	<=30	Pass	
		Edge_1RB_Right	20.58	/	/	24.40	/	/	<=30	Pass	
		Outer_Full	20.42	/	/	24.24	/	/	<=30	Pass	
		Inner_Full	20.44	/	/	24.26	/	/	<=30	Pass	
		Inner_1RB_Left	20.36	/	/	24.18	/	/	<=30	Pass	
		Inner_1RB_Right	20.65	/	/	24.47	/	/	<=30	Pass	
	3510	Edge_1RB_Left	20.33	/	/	24.15	/	/	<=30	Pass	
		Edge_1RB_Right	20.48	/	/	24.30	/	/	<=30	Pass	
		Outer_Full	20.43	/	/	24.25	/	/	<=30	Pass	
		Inner_Full	20.41	/	/	24.23	/	/	<=30	Pass	
		Inner_1RB_Left	20.44	/	/	24.26	/	/	<=30	Pass	
		Inner_1RB_Right	20.55	/	/	24.37	/	/	<=30	Pass	
	DFT-s-OFDM 256 QAM	3490.02	Edge_1RB_Left	18.21	/	/	22.03	/	/	<=30	Pass
			Edge_1RB_Right	18.55	/	/	22.37	/	/	<=30	Pass
Outer_Full			18.38	/	/	22.20	/	/	<=30	Pass	
Inner_Full			18.39	/	/	22.21	/	/	<=30	Pass	
Inner_1RB_Left			18.32	/	/	22.14	/	/	<=30	Pass	
Inner_1RB_Right			18.46	/	/	22.28	/	/	<=30	Pass	
3500.01		Edge_1RB_Left	18.28	/	/	22.10	/	/	<=30	Pass	
		Edge_1RB_Right	18.46	/	/	22.28	/	/	<=30	Pass	
		Outer_Full	18.43	/	/	22.25	/	/	<=30	Pass	
		Inner_Full	18.36	/	/	22.18	/	/	<=30	Pass	
		Inner_1RB_Left	18.54	/	/	22.36	/	/	<=30	Pass	
		Inner_1RB_Right	18.68	/	/	22.50	/	/	<=30	Pass	
3510		Edge_1RB_Left	18.43	/	/	22.25	/	/	<=30	Pass	
		Edge_1RB_Right	18.60	/	/	22.42	/	/	<=30	Pass	
		Outer_Full	18.36	/	/	22.18	/	/	<=30	Pass	
		Inner_Full	18.33	/	/	22.15	/	/	<=30	Pass	
		Inner_1RB_Left	18.58	/	/	22.40	/	/	<=30	Pass	
		Inner_1RB_Right	18.47	/	/	22.29	/	/	<=30	Pass	
CP-OFDM QPSK		3490.02	Edge_1RB_Left	19.66	/	/	23.48	/	/	<=30	Pass
			Edge_1RB_Right	19.89	/	/	23.71	/	/	<=30	Pass
	Outer_Full		19.79	/	/	23.61	/	/	<=30	Pass	
	Inner_Full		21.27	/	/	25.09	/	/	<=30	Pass	
	Inner_1RB_Left		21.32	/	/	25.14	/	/	<=30	Pass	
	Inner_1RB_Right		21.36	/	/	25.18	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	19.81	/	/	23.63	/	/	<=30	Pass	
		Edge_1RB_Right	19.97	/	/	23.79	/	/	<=30	Pass	
		Outer_Full	19.89	/	/	23.71	/	/	<=30	Pass	
		Inner_Full	21.37	/	/	25.19	/	/	<=30	Pass	
		Inner_1RB_Left	21.42	/	/	25.24	/	/	<=30	Pass	
		Inner_1RB_Right	21.57	/	/	25.39	/	/	<=30	Pass	
	3510	Edge_1RB_Left	19.96	/	/	23.78	/	/	<=30	Pass	

		Edge_1RB_Right	20.00	/	/	23.82	/	/	<=30	Pass
		Outer_Full	19.89	/	/	23.71	/	/	<=30	Pass
		Inner_Full	21.34	/	/	25.16	/	/	<=30	Pass
		Inner_1RB_Left	21.47	/	/	25.29	/	/	<=30	Pass
		Inner_1RB_Right	21.55	/	/	25.37	/	/	<=30	Pass
CP-OFDM 64 QAM	3490.02	Edge_1RB_Left	19.08	/	/	22.90	/	/	<=30	Pass
		Edge_1RB_Right	19.39	/	/	23.21	/	/	<=30	Pass
		Outer_Full	19.39	/	/	23.21	/	/	<=30	Pass
		Inner_Full	19.38	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Left	19.28	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Right	19.37	/	/	23.19	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.54	/	/	23.36	/	/	<=30	Pass
		Edge_1RB_Right	19.47	/	/	23.29	/	/	<=30	Pass
		Outer_Full	19.49	/	/	23.31	/	/	<=30	Pass
		Inner_Full	19.40	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Left	19.42	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Right	19.66	/	/	23.48	/	/	<=30	Pass
	3510	Edge_1RB_Left	19.41	/	/	23.23	/	/	<=30	Pass
		Edge_1RB_Right	19.50	/	/	23.32	/	/	<=30	Pass
		Outer_Full	19.44	/	/	23.26	/	/	<=30	Pass
		Inner_Full	19.32	/	/	23.14	/	/	<=30	Pass
		Inner_1RB_Left	19.45	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Right	19.51	/	/	23.33	/	/	<=30	Pass
CP-OFDM 256 QAM	3490.02	Edge_1RB_Left	16.40	/	/	20.22	/	/	<=30	Pass
		Edge_1RB_Right	16.63	/	/	20.45	/	/	<=30	Pass
		Outer_Full	16.37	/	/	20.19	/	/	<=30	Pass
		Inner_Full	16.35	/	/	20.17	/	/	<=30	Pass
		Inner_1RB_Left	16.53	/	/	20.35	/	/	<=30	Pass
		Inner_1RB_Right	16.54	/	/	20.36	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.31	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	16.67	/	/	20.49	/	/	<=30	Pass
		Outer_Full	16.45	/	/	20.27	/	/	<=30	Pass
		Inner_Full	16.34	/	/	20.16	/	/	<=30	Pass
		Inner_1RB_Left	16.47	/	/	20.29	/	/	<=30	Pass
		Inner_1RB_Right	16.52	/	/	20.34	/	/	<=30	Pass
	3510	Edge_1RB_Left	16.58	/	/	20.40	/	/	<=30	Pass
		Edge_1RB_Right	16.67	/	/	20.49	/	/	<=30	Pass
		Outer_Full	16.39	/	/	20.21	/	/	<=30	Pass
		Inner_Full	16.35	/	/	20.17	/	/	<=30	Pass
		Inner_1RB_Left	16.65	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Right	16.45	/	/	20.27	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 3.82dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.8 30k_SISO_90MHz_NTNV_EIRP

1.8.1 Test Result

5G NR n78e SCS=30kHz SISO 90MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3495	Edge_1RB_Left	21.71	/	/	25.53	/	/	<=30	Pass
		Edge_1RB_Right	21.85	/	/	25.67	/	/	<=30	Pass
		Outer_Full	21.83	/	/	25.65	/	/	<=30	Pass
		Inner_Full	22.84	/	/	26.66	/	/	<=30	Pass
		Inner_1RB_Left	22.72	/	/	26.54	/	/	<=30	Pass
		Inner_1RB_Right	22.88	/	/	26.70	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.88	/	/	25.70	/	/	<=30	Pass
		Edge_1RB_Right	22.05	/	/	25.87	/	/	<=30	Pass
		Outer_Full	21.92	/	/	25.74	/	/	<=30	Pass
		Inner_Full	22.88	/	/	26.70	/	/	<=30	Pass
		Inner_1RB_Left	22.95	/	/	26.77	/	/	<=30	Pass
		Inner_1RB_Right	23.02	/	/	26.84	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	21.87	/	/	25.69	/	/	<=30	Pass
		Edge_1RB_Right	21.97	/	/	25.79	/	/	<=30	Pass
		Outer_Full	21.96	/	/	25.78	/	/	<=30	Pass
Inner_Full		22.98	/	/	26.80	/	/	<=30	Pass	
Inner_1RB_Left		22.93	/	/	26.75	/	/	<=30	Pass	
Inner_1RB_Right		22.99	/	/	26.81	/	/	<=30	Pass	
DFT-s-OFDM 64 QAM	3495	Edge_1RB_Left	20.34	/	/	24.16	/	/	<=30	Pass
		Edge_1RB_Right	20.62	/	/	24.44	/	/	<=30	Pass
		Outer_Full	20.39	/	/	24.21	/	/	<=30	Pass
		Inner_Full	20.37	/	/	24.19	/	/	<=30	Pass
		Inner_1RB_Left	20.38	/	/	24.20	/	/	<=30	Pass
		Inner_1RB_Right	20.66	/	/	24.48	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.35	/	/	24.17	/	/	<=30	Pass
		Edge_1RB_Right	20.50	/	/	24.32	/	/	<=30	Pass
		Outer_Full	20.42	/	/	24.24	/	/	<=30	Pass
		Inner_Full	20.30	/	/	24.12	/	/	<=30	Pass
		Inner_1RB_Left	20.24	/	/	24.06	/	/	<=30	Pass
		Inner_1RB_Right	20.48	/	/	24.30	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	20.54	/	/	24.36	/	/	<=30	Pass
		Edge_1RB_Right	20.65	/	/	24.47	/	/	<=30	Pass
		Outer_Full	20.48	/	/	24.30	/	/	<=30	Pass
Inner_Full		20.44	/	/	24.26	/	/	<=30	Pass	
Inner_1RB_Left		20.46	/	/	24.28	/	/	<=30	Pass	
Inner_1RB_Right		20.58	/	/	24.40	/	/	<=30	Pass	
DFT-s-OFDM 256 QAM	3495	Edge_1RB_Left	18.38	/	/	22.20	/	/	<=30	Pass
		Edge_1RB_Right	18.61	/	/	22.43	/	/	<=30	Pass
		Outer_Full	18.39	/	/	22.21	/	/	<=30	Pass
		Inner_Full	18.29	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Left	18.28	/	/	22.10	/	/	<=30	Pass
		Inner_1RB_Right	18.38	/	/	22.20	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.27	/	/	22.09	/	/	<=30	Pass
		Edge_1RB_Right	18.54	/	/	22.36	/	/	<=30	Pass
		Outer_Full	18.34	/	/	22.16	/	/	<=30	Pass
		Inner_Full	18.41	/	/	22.23	/	/	<=30	Pass
		Inner_1RB_Left	18.38	/	/	22.20	/	/	<=30	Pass
		Inner_1RB_Right	18.58	/	/	22.40	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	18.22	/	/	22.04	/	/	<=30	Pass

		Edge_1RB_Right	18.64	/	/	22.46	/	/	<=30	Pass
		Outer_Full	18.48	/	/	22.30	/	/	<=30	Pass
		Inner_Full	18.46	/	/	22.28	/	/	<=30	Pass
		Inner_1RB_Left	18.45	/	/	22.27	/	/	<=30	Pass
		Inner_1RB_Right	18.52	/	/	22.34	/	/	<=30	Pass
CP-OFDM QPSK	3495	Edge_1RB_Left	19.88	/	/	23.70	/	/	<=30	Pass
		Edge_1RB_Right	20.10	/	/	23.92	/	/	<=30	Pass
		Outer_Full	19.87	/	/	23.69	/	/	<=30	Pass
		Inner_Full	21.32	/	/	25.14	/	/	<=30	Pass
		Inner_1RB_Left	21.44	/	/	25.26	/	/	<=30	Pass
	Inner_1RB_Right	21.51	/	/	25.33	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	19.87	/	/	23.69	/	/	<=30	Pass
		Edge_1RB_Right	20.02	/	/	23.84	/	/	<=30	Pass
		Outer_Full	19.95	/	/	23.77	/	/	<=30	Pass
		Inner_Full	21.39	/	/	25.21	/	/	<=30	Pass
		Inner_1RB_Left	21.42	/	/	25.24	/	/	<=30	Pass
	Inner_1RB_Right	21.51	/	/	25.33	/	/	<=30	Pass	
	3504.99	Edge_1RB_Left	19.97	/	/	23.79	/	/	<=30	Pass
		Edge_1RB_Right	20.04	/	/	23.86	/	/	<=30	Pass
		Outer_Full	20.02	/	/	23.84	/	/	<=30	Pass
Inner_Full		21.41	/	/	25.23	/	/	<=30	Pass	
Inner_1RB_Left		21.52	/	/	25.34	/	/	<=30	Pass	
Inner_1RB_Right	21.66	/	/	25.48	/	/	<=30	Pass		
CP-OFDM 64 QAM	3495	Edge_1RB_Left	19.51	/	/	23.33	/	/	<=30	Pass
		Edge_1RB_Right	19.51	/	/	23.33	/	/	<=30	Pass
		Outer_Full	19.42	/	/	23.24	/	/	<=30	Pass
		Inner_Full	19.36	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Left	19.54	/	/	23.36	/	/	<=30	Pass
	Inner_1RB_Right	19.57	/	/	23.39	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	19.43	/	/	23.25	/	/	<=30	Pass
		Edge_1RB_Right	19.61	/	/	23.43	/	/	<=30	Pass
		Outer_Full	19.36	/	/	23.18	/	/	<=30	Pass
		Inner_Full	19.43	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Left	19.52	/	/	23.34	/	/	<=30	Pass
	Inner_1RB_Right	19.55	/	/	23.37	/	/	<=30	Pass	
	3504.99	Edge_1RB_Left	19.44	/	/	23.26	/	/	<=30	Pass
		Edge_1RB_Right	19.50	/	/	23.32	/	/	<=30	Pass
		Outer_Full	19.52	/	/	23.34	/	/	<=30	Pass
Inner_Full		19.45	/	/	23.27	/	/	<=30	Pass	
Inner_1RB_Left		19.55	/	/	23.37	/	/	<=30	Pass	
Inner_1RB_Right	19.50	/	/	23.32	/	/	<=30	Pass		
CP-OFDM 256 QAM	3495	Edge_1RB_Left	16.57	/	/	20.39	/	/	<=30	Pass
		Edge_1RB_Right	16.60	/	/	20.42	/	/	<=30	Pass
		Outer_Full	16.38	/	/	20.20	/	/	<=30	Pass
		Inner_Full	16.31	/	/	20.13	/	/	<=30	Pass
		Inner_1RB_Left	16.45	/	/	20.27	/	/	<=30	Pass
	Inner_1RB_Right	16.60	/	/	20.42	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	16.51	/	/	20.33	/	/	<=30	Pass
		Edge_1RB_Right	16.55	/	/	20.37	/	/	<=30	Pass
		Outer_Full	16.49	/	/	20.31	/	/	<=30	Pass
		Inner_Full	16.44	/	/	20.26	/	/	<=30	Pass
		Inner_1RB_Left	16.37	/	/	20.19	/	/	<=30	Pass
	Inner_1RB_Right	16.67	/	/	20.49	/	/	<=30	Pass	
	3504.99	Edge_1RB_Left	16.48	/	/	20.30	/	/	<=30	Pass
		Edge_1RB_Right	16.60	/	/	20.42	/	/	<=30	Pass
		Outer_Full	16.49	/	/	20.31	/	/	<=30	Pass
Inner_Full		16.42	/	/	20.24	/	/	<=30	Pass	

		Inner_1RB_Left	16.49	/	/	20.31	/	/	<=30	Pass
		Inner_1RB_Right	16.49	/	/	20.31	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 3.82dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.9 30k_SISO_100MHz_NTNV_EIRP

1.9.1 Test Result

5G NR n78e 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 QPSK	3500.01	Edge_1RB_Left	21.66	/	/	25.48	/	/	<=30	Pass
		Edge_1RB_Right	21.92	/	/	25.74	/	/	<=30	Pass
		Outer_Full	21.88	/	/	25.70	/	/	<=30	Pass
		Inner_Full	22.75	/	/	26.57	/	/	<=30	Pass
		Inner_1RB_Left	22.70	/	/	26.52	/	/	<=30	Pass
		Inner_1RB_Right	22.86	/	/	26.68	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.57	/	/	25.39	/	/	<=30	Pass
		Edge_1RB_Right	21.78	/	/	25.60	/	/	<=30	Pass
		Outer_Full	21.62	/	/	25.44	/	/	<=30	Pass
		Inner_Full	22.60	/	/	26.42	/	/	<=30	Pass
		Inner_1RB_Left	22.69	/	/	26.51	/	/	<=30	Pass
	3499.98	Inner_1RB_Right	22.81	/	/	26.63	/	/	<=30	Pass
		Edge_1RB_Left	21.78	/	/	25.60	/	/	<=30	Pass
		Edge_1RB_Right	21.94	/	/	25.76	/	/	<=30	Pass
		Outer_Full	21.83	/	/	25.65	/	/	<=30	Pass
Inner_Full		22.70	/	/	26.52	/	/	<=30	Pass	
DFT-s-OFDM 64 QAM	3500.01	Inner_1RB_Left	22.72	/	/	26.54	/	/	<=30	Pass
		Inner_1RB_Right	22.79	/	/	26.61	/	/	<=30	Pass
		Edge_1RB_Left	20.30	/	/	24.12	/	/	<=30	Pass
		Edge_1RB_Right	20.50	/	/	24.32	/	/	<=30	Pass
		Outer_Full	20.26	/	/	24.08	/	/	<=30	Pass
		Inner_Full	20.21	/	/	24.03	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	20.26	/	/	24.08	/	/	<=30	Pass
		Inner_1RB_Right	20.49	/	/	24.31	/	/	<=30	Pass
		Edge_1RB_Left	20.16	/	/	23.98	/	/	<=30	Pass
		Edge_1RB_Right	20.37	/	/	24.19	/	/	<=30	Pass
		Outer_Full	20.24	/	/	24.06	/	/	<=30	Pass
		Inner_Full	20.16	/	/	23.98	/	/	<=30	Pass
	3499.98	Inner_1RB_Left	20.32	/	/	24.14	/	/	<=30	Pass
		Inner_1RB_Right	20.48	/	/	24.30	/	/	<=30	Pass
		Edge_1RB_Left	20.39	/	/	24.21	/	/	<=30	Pass
Edge_1RB_Right		20.46	/	/	24.28	/	/	<=30	Pass	
Outer_Full		20.32	/	/	24.14	/	/	<=30	Pass	
Inner_Full		20.24	/	/	24.06	/	/	<=30	Pass	
DFT-s-OFDM 256 QAM	3500.01	Inner_1RB_Left	20.41	/	/	24.23	/	/	<=30	Pass
		Inner_1RB_Right	20.39	/	/	24.21	/	/	<=30	Pass
		Edge_1RB_Left	18.27	/	/	22.09	/	/	<=30	Pass
		Edge_1RB_Right	18.48	/	/	22.30	/	/	<=30	Pass
		Outer_Full	18.22	/	/	22.04	/	/	<=30	Pass
		Inner_Full	18.22	/	/	22.04	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	18.18	/	/	22.00	/	/	<=30	Pass
		Inner_1RB_Right	18.45	/	/	22.27	/	/	<=30	Pass
		Edge_1RB_Left	18.18	/	/	22.00	/	/	<=30	Pass

		Edge_1RB_Right	18.32	/	/	22.14	/	/	<=30	Pass	
		Outer_Full	18.31	/	/	22.13	/	/	<=30	Pass	
		Inner_Full	18.25	/	/	22.07	/	/	<=30	Pass	
		Inner_1RB_Left	18.31	/	/	22.13	/	/	<=30	Pass	
		Inner_1RB_Right	18.39	/	/	22.21	/	/	<=30	Pass	
	3499.98	Edge_1RB_Left	18.21	/	/	22.03	/	/	<=30	Pass	
		Edge_1RB_Right	18.41	/	/	22.23	/	/	<=30	Pass	
		Outer_Full	18.35	/	/	22.17	/	/	<=30	Pass	
		Inner_Full	18.25	/	/	22.07	/	/	<=30	Pass	
		Inner_1RB_Left	18.54	/	/	22.36	/	/	<=30	Pass	
CP-OFDM QPSK	3500.01	Edge_1RB_Left	19.74	/	/	23.56	/	/	<=30	Pass	
		Edge_1RB_Right	19.95	/	/	23.77	/	/	<=30	Pass	
		Outer_Full	19.90	/	/	23.72	/	/	<=30	Pass	
		Inner_Full	21.24	/	/	25.06	/	/	<=30	Pass	
		Inner_1RB_Left	21.33	/	/	25.15	/	/	<=30	Pass	
		Inner_1RB_Right	21.31	/	/	25.13	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	19.75	/	/	23.57	/	/	<=30	Pass	
		Edge_1RB_Right	19.93	/	/	23.75	/	/	<=30	Pass	
		Outer_Full	19.81	/	/	23.63	/	/	<=30	Pass	
		Inner_Full	21.24	/	/	25.06	/	/	<=30	Pass	
	3499.98	Inner_1RB_Left	21.35	/	/	25.17	/	/	<=30	Pass	
		Inner_1RB_Right	21.40	/	/	25.22	/	/	<=30	Pass	
		Edge_1RB_Left	19.79	/	/	23.61	/	/	<=30	Pass	
		Edge_1RB_Right	19.86	/	/	23.68	/	/	<=30	Pass	
		Outer_Full	19.79	/	/	23.61	/	/	<=30	Pass	
		Inner_Full	21.23	/	/	25.05	/	/	<=30	Pass	
	CP-OFDM 64 QAM	3500.01	Inner_1RB_Left	21.31	/	/	25.13	/	/	<=30	Pass
			Edge_1RB_Left	19.33	/	/	23.15	/	/	<=30	Pass
Edge_1RB_Right			19.49	/	/	23.31	/	/	<=30	Pass	
Outer_Full			19.27	/	/	23.09	/	/	<=30	Pass	
Inner_Full			19.35	/	/	23.17	/	/	<=30	Pass	
Inner_1RB_Left			19.59	/	/	23.41	/	/	<=30	Pass	
3500.01		Inner_1RB_Right	19.50	/	/	23.32	/	/	<=30	Pass	
		Edge_1RB_Left	19.24	/	/	23.06	/	/	<=30	Pass	
		Edge_1RB_Right	19.58	/	/	23.40	/	/	<=30	Pass	
		Outer_Full	19.35	/	/	23.17	/	/	<=30	Pass	
		Inner_Full	19.26	/	/	23.08	/	/	<=30	Pass	
		Inner_1RB_Left	19.07	/	/	22.89	/	/	<=30	Pass	
3499.98		Inner_1RB_Right	19.57	/	/	23.39	/	/	<=30	Pass	
		Edge_1RB_Left	19.37	/	/	23.19	/	/	<=30	Pass	
		Edge_1RB_Right	19.32	/	/	23.14	/	/	<=30	Pass	
		Outer_Full	19.34	/	/	23.16	/	/	<=30	Pass	
		Inner_Full	19.28	/	/	23.10	/	/	<=30	Pass	
		Inner_1RB_Left	19.34	/	/	23.16	/	/	<=30	Pass	
CP-OFDM 256 QAM	3500.01	Inner_1RB_Right	19.33	/	/	23.15	/	/	<=30	Pass	
		Edge_1RB_Left	16.20	/	/	20.02	/	/	<=30	Pass	
		Edge_1RB_Right	16.39	/	/	20.21	/	/	<=30	Pass	
		Outer_Full	16.29	/	/	20.11	/	/	<=30	Pass	
		Inner_Full	16.34	/	/	20.16	/	/	<=30	Pass	
		Inner_1RB_Left	16.42	/	/	20.24	/	/	<=30	Pass	
	3500.01	Inner_1RB_Right	16.38	/	/	20.20	/	/	<=30	Pass	
		Edge_1RB_Left	16.37	/	/	20.19	/	/	<=30	Pass	
		Edge_1RB_Right	16.51	/	/	20.33	/	/	<=30	Pass	
		Outer_Full	16.35	/	/	20.17	/	/	<=30	Pass	
		Inner_Full	16.25	/	/	20.07	/	/	<=30	Pass	

		Inner_1RB_Left	16.22	/	/	20.04	/	/	<=30	Pass
		Inner_1RB_Right	16.34	/	/	20.16	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	16.37	/	/	20.19	/	/	<=30	Pass
		Edge_1RB_Right	16.31	/	/	20.13	/	/	<=30	Pass
		Outer_Full	16.37	/	/	20.19	/	/	<=30	Pass
		Inner_Full	16.24	/	/	20.06	/	/	<=30	Pass
		Inner_1RB_Left	16.45	/	/	20.27	/	/	<=30	Pass
		Inner_1RB_Right	16.49	/	/	20.31	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 3.82dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.10 30k_MIMO_20MHz_NTNV_EIRP

1.10.1 Test Result

5G NR n78e SCS=30kHz MIMO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
CP-OFDM QPSK	3460.02	Edge_1RB_Left	16.17	15.98	19.09	19.99	18.97	22.52	<=30	Pass
		Edge_1RB_Right	16.44	15.74	19.11	20.26	18.73	22.57	<=30	Pass
		Outer_Full	16.37	15.68	19.05	20.19	18.67	22.51	<=30	Pass
		Inner_Full	17.85	17.14	20.52	21.67	20.13	23.98	<=30	Pass
		Inner_1RB_Left	17.71	17.42	20.58	21.53	20.41	24.02	<=30	Pass
		Inner_1RB_Right	18.03	17.15	20.63	21.85	20.14	24.09	<=30	Pass
	3500.01	Edge_1RB_Left	16.08	16.09	19.09	19.90	19.08	22.52	<=30	Pass
		Edge_1RB_Right	16.51	16.03	19.29	20.33	19.02	22.73	<=30	Pass
		Outer_Full	16.48	15.91	19.21	20.30	18.90	22.67	<=30	Pass
		Inner_Full	17.82	17.34	20.59	21.64	20.33	24.04	<=30	Pass
		Inner_1RB_Left	17.58	17.62	20.61	21.40	20.61	24.03	<=30	Pass
		Inner_1RB_Right	17.92	17.48	20.72	21.74	20.47	24.16	<=30	Pass
	3540	Edge_1RB_Left	16.86	16.30	19.60	20.68	19.29	23.05	<=30	Pass
		Edge_1RB_Right	16.79	16.14	19.49	20.61	19.13	22.94	<=30	Pass
		Outer_Full	16.90	16.15	19.55	20.72	19.14	23.01	<=30	Pass
		Inner_Full	18.44	17.72	21.11	22.26	20.71	24.56	<=30	Pass
		Inner_1RB_Left	18.50	17.87	21.21	22.32	20.86	24.66	<=30	Pass
		Inner_1RB_Right	18.36	17.61	21.01	22.18	20.60	24.47	<=30	Pass
CP-OFDM 64 QAM	3460.02	Edge_1RB_Left	15.81	15.42	18.63	19.63	18.41	22.07	<=30	Pass
		Edge_1RB_Right	16.18	15.15	18.71	20.00	18.14	22.18	<=30	Pass
		Outer_Full	15.86	15.16	18.53	19.68	18.15	21.99	<=30	Pass
		Inner_Full	15.90	15.12	18.54	19.72	18.11	22.00	<=30	Pass
		Inner_1RB_Left	15.81	15.50	18.67	19.63	18.49	22.11	<=30	Pass
		Inner_1RB_Right	16.06	15.10	18.62	19.88	18.09	22.09	<=30	Pass
	3500.01	Edge_1RB_Left	15.54	15.62	18.59	19.36	18.61	22.01	<=30	Pass
		Edge_1RB_Right	15.95	15.59	18.78	19.77	18.58	22.23	<=30	Pass
		Outer_Full	15.70	15.40	18.56	19.52	18.39	22.00	<=30	Pass
		Inner_Full	15.72	15.35	18.55	19.54	18.34	21.99	<=30	Pass
		Inner_1RB_Left	15.73	15.60	18.68	19.55	18.59	22.11	<=30	Pass
		Inner_1RB_Right	16.03	15.35	18.71	19.85	18.34	22.17	<=30	Pass
	3540	Edge_1RB_Left	16.27	15.98	19.14	20.09	18.97	22.58	<=30	Pass
		Edge_1RB_Right	16.46	15.65	19.09	20.28	18.64	22.55	<=30	Pass
		Outer_Full	16.40	15.80	19.12	20.22	18.79	22.57	<=30	Pass
		Inner_Full	16.47	15.72	19.12	20.29	18.71	22.58	<=30	Pass

		Inner_1RB_Left	16.55	15.93	19.26	20.37	18.92	22.72	<=30	Pass
		Inner_1RB_Right	16.52	15.69	19.13	20.34	18.68	22.60	<=30	Pass
CP-OFDM 256 QAM	3460.02	Edge_1RB_Left	12.76	12.58	15.68	16.58	15.57	19.11	<=30	Pass
		Edge_1RB_Right	13.12	12.55	15.85	16.94	15.54	19.31	<=30	Pass
		Outer_Full	12.84	12.51	15.69	16.66	15.50	19.13	<=30	Pass
		Inner_Full	12.82	12.38	15.62	16.64	15.37	19.06	<=30	Pass
		Inner_1RB_Left	12.55	12.39	15.48	16.37	15.38	18.91	<=30	Pass
		Inner_1RB_Right	12.94	12.42	15.70	16.76	15.41	19.15	<=30	Pass
	3500.01	Edge_1RB_Left	12.56	12.48	15.53	16.38	15.47	18.96	<=30	Pass
		Edge_1RB_Right	13.16	12.78	15.99	16.98	15.77	19.43	<=30	Pass
		Outer_Full	12.73	12.55	15.65	16.55	15.54	19.08	<=30	Pass
		Inner_Full	12.72	12.50	15.62	16.54	15.49	19.06	<=30	Pass
		Inner_1RB_Left	12.56	12.63	15.61	16.38	15.62	19.03	<=30	Pass
	3540	Inner_1RB_Right	12.89	12.72	15.81	16.71	15.71	19.25	<=30	Pass
		Edge_1RB_Left	13.32	13.02	16.18	17.14	16.01	19.62	<=30	Pass
		Edge_1RB_Right	13.36	12.64	16.02	17.18	15.63	19.48	<=30	Pass
		Outer_Full	13.37	12.74	16.08	17.19	15.73	19.53	<=30	Pass
Inner_Full		13.37	12.74	16.07	17.19	15.73	19.53	<=30	Pass	
Inner_1RB_Left		13.20	13.07	16.15	17.02	16.06	19.58	<=30	Pass	
		Inner_1RB_Right	13.39	12.68	16.06	17.21	15.67	19.52	<=30	Pass
Note1: Antenna Gain: Ant5: 3.82dBi; Ant2: 2.99dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.11 30k_MIMO_30MHz_NTNV_EIRP

1.11.1 Test Result

5G NR n78e SCS=30kHz MIMO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
CP-OFDM QPSK	3465	Edge_1RB_Left	16.54	16.03	19.30	20.36	19.02	22.75	<=30	Pass
		Edge_1RB_Right	16.39	16.31	19.36	20.21	19.30	22.79	<=30	Pass
		Outer_Full	16.62	15.96	19.31	20.44	18.95	22.77	<=30	Pass
		Inner_Full	18.14	17.41	20.80	21.96	20.40	24.26	<=30	Pass
		Inner_1RB_Left	17.93	17.75	20.85	21.75	20.74	24.28	<=30	Pass
		Inner_1RB_Right	17.98	17.75	20.88	21.80	20.74	24.31	<=30	Pass
	3500.01	Edge_1RB_Left	16.28	16.32	19.31	20.10	19.31	22.73	<=30	Pass
		Edge_1RB_Right	16.79	16.44	19.63	20.61	19.43	23.07	<=30	Pass
		Outer_Full	16.58	16.30	19.45	20.40	19.29	22.89	<=30	Pass
		Inner_Full	18.05	17.70	20.89	21.87	20.69	24.33	<=30	Pass
		Inner_1RB_Left	17.84	17.98	20.92	21.66	20.97	24.34	<=30	Pass
		Inner_1RB_Right	18.34	17.93	21.15	22.16	20.92	24.59	<=30	Pass
	3534.99	Edge_1RB_Left	16.89	16.76	19.84	20.71	19.75	23.27	<=30	Pass
		Edge_1RB_Right	17.08	16.42	19.77	20.90	19.41	23.23	<=30	Pass
		Outer_Full	17.20	16.72	19.98	21.02	19.71	23.42	<=30	Pass
Inner_Full		18.72	18.21	21.48	22.54	21.20	24.93	<=30	Pass	
Inner_1RB_Left		18.39	18.28	21.35	22.21	21.27	24.78	<=30	Pass	
Inner_1RB_Right		18.77	18.14	21.48	22.59	21.13	24.93	<=30	Pass	
CP-OFDM 64 QAM	3465	Edge_1RB_Left	15.94	15.60	18.78	19.76	18.59	22.22	<=30	Pass
		Edge_1RB_Right	15.93	15.83	18.89	19.75	18.82	22.32	<=30	Pass
		Outer_Full	16.07	15.48	18.79	19.89	18.47	22.25	<=30	Pass
		Inner_Full	16.19	15.42	18.83	20.01	18.41	22.29	<=30	Pass
		Inner_1RB_Left	16.08	15.60	18.85	19.90	18.59	22.30	<=30	Pass
		Inner_1RB_Right	15.79	15.71	18.76	19.61	18.70	22.19	<=30	Pass
	3500.01	Edge_1RB_Left	15.77	16.00	18.90	19.59	18.99	22.31	<=30	Pass

		Edge_1RB_Right	16.22	15.81	19.03	20.04	18.80	22.47	<=30	Pass	
		Outer_Full	16.06	15.73	18.91	19.88	18.72	22.35	<=30	Pass	
		Inner_Full	16.10	15.69	18.91	19.92	18.68	22.35	<=30	Pass	
		Inner_1RB_Left	15.76	15.83	18.80	19.58	18.82	22.23	<=30	Pass	
		Inner_1RB_Right	16.22	16.03	19.14	20.04	19.02	22.57	<=30	Pass	
	3534.99	Edge_1RB_Left	16.40	16.35	19.38	20.22	19.34	22.81	<=30	Pass	
		Edge_1RB_Right	16.91	16.27	19.61	20.73	19.26	23.07	<=30	Pass	
		Outer_Full	16.69	16.21	19.47	20.51	19.20	22.91	<=30	Pass	
		Inner_Full	16.73	16.18	19.47	20.55	19.17	22.92	<=30	Pass	
		Inner_1RB_Left	16.50	16.43	19.48	20.32	19.42	22.90	<=30	Pass	
	CP-OFDM 256 QAM	3465	Inner_1RB_Right	16.90	16.05	19.51	20.72	19.04	22.97	<=30	Pass
			Edge_1RB_Left	12.91	12.61	15.77	16.73	15.60	19.21	<=30	Pass
			Edge_1RB_Right	13.08	12.94	16.02	16.90	15.93	19.45	<=30	Pass
			Outer_Full	13.10	12.54	15.84	16.92	15.53	19.29	<=30	Pass
Inner_Full			13.15	12.45	15.82	16.97	15.44	19.28	<=30	Pass	
3500.01		Inner_1RB_Left	13.03	12.67	15.86	16.85	15.66	19.31	<=30	Pass	
		Inner_1RB_Right	12.98	13.05	16.02	16.80	16.04	19.45	<=30	Pass	
		Edge_1RB_Left	12.64	12.81	15.73	16.46	15.80	19.15	<=30	Pass	
		Edge_1RB_Right	13.22	12.96	16.10	17.04	15.95	19.54	<=30	Pass	
		Outer_Full	13.08	12.79	15.95	16.90	15.78	19.39	<=30	Pass	
3534.99		Inner_Full	13.02	12.73	15.89	16.84	15.72	19.33	<=30	Pass	
		Inner_1RB_Left	12.67	12.86	15.78	16.49	15.85	19.19	<=30	Pass	
		Inner_1RB_Right	13.27	13.03	16.17	17.09	16.02	19.60	<=30	Pass	
		Edge_1RB_Left	13.35	13.47	16.42	17.17	16.46	19.84	<=30	Pass	
	Edge_1RB_Right	13.87	13.08	16.50	17.69	16.07	19.97	<=30	Pass		
	Outer_Full	14.11	13.30	16.73	17.93	16.29	20.20	<=30	Pass		
	Inner_Full	13.73	13.24	16.50	17.55	16.23	19.95	<=30	Pass		
	Inner_1RB_Left	13.19	13.34	16.28	17.01	16.33	19.69	<=30	Pass		
		Inner_1RB_Right	13.77	13.26	16.53	17.59	16.25	19.98	<=30	Pass	
Note1: Antenna Gain: Ant5: 3.82dBi; Ant2: 2.99dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.12 30k_MIMO_40MHz_NTNV_EIRP

1.12.1 Test Result

5G NR n78e SCS=30kHz MIMO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
CP-OFDM QPSK	3470.01	Edge_1RB_Left	16.68	16.27	19.49	20.50	19.26	22.93	<=30	Pass
		Edge_1RB_Right	16.44	16.48	19.47	20.26	19.47	22.89	<=30	Pass
		Outer_Full	16.60	16.19	19.41	20.42	19.18	22.85	<=30	Pass
		Inner_Full	18.13	17.58	20.88	21.95	20.57	24.32	<=30	Pass
		Inner_1RB_Left	18.08	17.79	20.95	21.90	20.78	24.39	<=30	Pass
	Inner_1RB_Right	17.91	18.00	20.97	21.73	20.99	24.39	<=30	Pass	
	3500.01	Edge_1RB_Left	16.42	16.44	19.44	20.24	19.43	22.86	<=30	Pass
		Edge_1RB_Right	16.83	16.68	19.77	20.65	19.67	23.20	<=30	Pass
		Outer_Full	16.51	16.31	19.42	20.33	19.30	22.86	<=30	Pass
		Inner_Full	18.09	17.63	20.88	21.91	20.62	24.32	<=30	Pass
		Inner_1RB_Left	17.86	17.91	20.89	21.68	20.90	24.32	<=30	Pass
	Inner_1RB_Right	18.28	18.09	21.20	22.10	21.08	24.63	<=30	Pass	
	3529.98	Edge_1RB_Left	16.85	16.45	19.66	20.67	19.44	23.11	<=30	Pass
		Edge_1RB_Right	17.12	16.58	19.87	20.94	19.57	23.32	<=30	Pass
		Outer_Full	17.06	16.68	19.88	20.88	19.67	23.33	<=30	Pass
Inner_Full		18.55	18.23	21.40	22.37	21.22	24.84	<=30	Pass	
Inner_1RB_Left		18.44	17.98	21.23	22.26	20.97	24.67	<=30	Pass	
Inner_1RB_Right	18.61	18.02	21.34	22.43	21.01	24.79	<=30	Pass		
CP-OFDM 64 QAM	3470.01	Edge_1RB_Left	16.02	15.84	18.94	19.84	18.83	22.37	<=30	Pass
		Edge_1RB_Right	15.87	15.92	18.90	19.69	18.91	22.33	<=30	Pass
		Outer_Full	16.10	15.52	18.83	19.92	18.51	22.28	<=30	Pass
		Inner_Full	16.15	15.61	18.90	19.97	18.60	22.35	<=30	Pass
		Inner_1RB_Left	16.30	15.87	19.10	20.12	18.86	22.55	<=30	Pass
	Inner_1RB_Right	15.99	15.98	19.00	19.81	18.97	22.42	<=30	Pass	
	3500.01	Edge_1RB_Left	16.01	15.80	18.92	19.83	18.79	22.35	<=30	Pass
		Edge_1RB_Right	16.22	15.96	19.10	20.04	18.95	22.54	<=30	Pass
		Outer_Full	16.03	15.64	18.85	19.85	18.63	22.29	<=30	Pass
		Inner_Full	16.04	15.59	18.83	19.86	18.58	22.28	<=30	Pass
		Inner_1RB_Left	15.99	15.99	19.00	19.81	18.98	22.43	<=30	Pass
	Inner_1RB_Right	16.31	16.10	19.21	20.13	19.09	22.65	<=30	Pass	
	3529.98	Edge_1RB_Left	16.36	15.95	19.17	20.18	18.94	22.61	<=30	Pass
		Edge_1RB_Right	16.65	16.03	19.36	20.47	19.02	22.82	<=30	Pass
		Outer_Full	16.56	16.13	19.36	20.38	19.12	22.81	<=30	Pass
Inner_Full		16.55	16.16	19.37	20.37	19.15	22.81	<=30	Pass	
Inner_1RB_Left		16.33	16.08	19.22	20.15	19.07	22.65	<=30	Pass	
Inner_1RB_Right	16.80	16.15	19.50	20.62	19.14	22.95	<=30	Pass		
CP-OFDM 256 QAM	3470.01	Edge_1RB_Left	13.05	12.85	15.96	16.87	15.84	19.40	<=30	Pass
		Edge_1RB_Right	13.00	13.10	16.06	16.82	16.09	19.48	<=30	Pass
		Outer_Full	13.19	12.60	15.92	17.01	15.59	19.37	<=30	Pass
		Inner_Full	13.19	12.62	15.93	17.01	15.61	19.38	<=30	Pass
		Inner_1RB_Left	12.99	12.94	15.97	16.81	15.93	19.40	<=30	Pass
	Inner_1RB_Right	12.74	13.07	15.92	16.56	16.06	19.33	<=30	Pass	
	3500.01	Edge_1RB_Left	12.94	12.94	15.95	16.76	15.93	19.38	<=30	Pass
		Edge_1RB_Right	13.27	13.06	16.18	17.09	16.05	19.61	<=30	Pass
		Outer_Full	13.00	12.83	15.92	16.82	15.82	19.36	<=30	Pass
		Inner_Full	12.97	12.68	15.84	16.79	15.67	19.28	<=30	Pass
		Inner_1RB_Left	12.86	12.79	15.83	16.68	15.78	19.26	<=30	Pass
	Inner_1RB_Right	13.36	13.14	16.26	17.18	16.13	19.70	<=30	Pass	
	3529.98	Edge_1RB_Left	13.37	13.17	16.28	17.19	16.16	19.72	<=30	Pass

	Edge_1RB_Right	13.61	13.20	16.42	17.43	16.19	19.86	<=30	Pass
	Outer_Full	13.49	13.23	16.37	17.31	16.22	19.81	<=30	Pass
	Inner_Full	13.48	13.21	16.36	17.30	16.20	19.80	<=30	Pass
	Inner_1RB_Left	13.15	13.08	16.12	16.97	16.07	19.55	<=30	Pass
	Inner_1RB_Right	13.65	13.11	16.40	17.47	16.10	19.85	<=30	Pass
Note1: Antenna Gain: Ant5: 3.82dBi; Ant2: 2.99dBi; Note2: EIRP=Conducted Power+Antenna Gain									

1.13 30k_MIMO_50MHz_NTNV_EIRP

1.13.1 Test Result

5G NR n78e SCS=30kHz MIMO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
CP-OFDM QPSK	3475.02	Edge_1RB_Left	16.08	15.77	18.94	19.90	18.76	22.38	<=30	Pass
		Edge_1RB_Right	15.98	15.74	18.87	19.80	18.73	22.31	<=30	Pass
		Outer_Full	16.04	15.77	18.92	19.86	18.76	22.36	<=30	Pass
		Inner_Full	17.66	17.22	20.46	21.48	20.21	23.90	<=30	Pass
		Inner_1RB_Left	17.50	17.40	20.46	21.32	20.39	23.89	<=30	Pass
		Inner_1RB_Right	17.61	17.20	20.42	21.43	20.19	23.86	<=30	Pass
	3500.01	Edge_1RB_Left	16.17	15.96	19.08	19.99	18.95	22.51	<=30	Pass
		Edge_1RB_Right	16.35	16.29	19.33	20.17	19.28	22.76	<=30	Pass
		Outer_Full	16.21	15.96	19.10	20.03	18.95	22.53	<=30	Pass
		Inner_Full	17.66	17.37	20.53	21.48	20.36	23.97	<=30	Pass
		Inner_1RB_Left	17.69	17.36	20.54	21.51	20.35	23.98	<=30	Pass
		Inner_1RB_Right	17.74	17.79	20.77	21.56	20.78	24.20	<=30	Pass
	3525	Edge_1RB_Left	16.23	15.76	19.01	20.05	18.75	22.46	<=30	Pass
		Edge_1RB_Right	16.46	15.98	19.24	20.28	18.97	22.68	<=30	Pass
		Outer_Full	16.53	16.08	19.32	20.35	19.07	22.77	<=30	Pass
Inner_Full		18.04	17.69	20.88	21.86	20.68	24.32	<=30	Pass	
Inner_1RB_Left		17.79	17.26	20.54	21.61	20.25	23.99	<=30	Pass	
	Inner_1RB_Right	18.06	17.39	20.75	21.88	20.38	24.20	<=30	Pass	
CP-OFDM 64 QAM	3475.02	Edge_1RB_Left	15.74	15.29	18.53	19.56	18.28	21.98	<=30	Pass
		Edge_1RB_Right	15.50	15.17	18.35	19.32	18.16	21.79	<=30	Pass
		Outer_Full	15.62	15.24	18.44	19.44	18.23	21.89	<=30	Pass
		Inner_Full	15.64	15.26	18.46	19.46	18.25	21.91	<=30	Pass
		Inner_1RB_Left	15.65	15.23	18.46	19.47	18.22	21.90	<=30	Pass
		Inner_1RB_Right	15.66	15.38	18.53	19.48	18.37	21.97	<=30	Pass
	3500.01	Edge_1RB_Left	15.79	15.35	18.59	19.61	18.34	22.03	<=30	Pass
		Edge_1RB_Right	15.88	15.72	18.81	19.70	18.71	22.24	<=30	Pass
		Outer_Full	15.86	15.50	18.69	19.68	18.49	22.14	<=30	Pass
		Inner_Full	15.67	15.35	18.53	19.49	18.34	21.96	<=30	Pass
		Inner_1RB_Left	15.73	15.21	18.49	19.55	18.20	21.94	<=30	Pass
		Inner_1RB_Right	15.90	15.74	18.83	19.72	18.73	22.26	<=30	Pass
	3525	Edge_1RB_Left	15.94	15.27	18.63	19.76	18.26	22.08	<=30	Pass
		Edge_1RB_Right	16.09	15.48	18.81	19.91	18.47	22.26	<=30	Pass
		Outer_Full	16.08	15.57	18.84	19.90	18.56	22.29	<=30	Pass
Inner_Full		16.00	15.68	18.85	19.82	18.67	22.29	<=30	Pass	
Inner_1RB_Left		15.81	15.27	18.56	19.63	18.26	22.01	<=30	Pass	
	Inner_1RB_Right	15.94	15.43	18.70	19.76	18.42	22.15	<=30	Pass	
CP-OFDM 256 QAM	3475.02	Edge_1RB_Left	12.63	12.37	15.51	16.45	15.36	18.95	<=30	Pass
		Edge_1RB_Right	12.58	12.41	15.51	16.40	15.40	18.94	<=30	Pass
		Outer_Full	12.62	12.42	15.53	16.44	15.41	18.97	<=30	Pass
		Inner_Full	12.71	12.47	15.60	16.53	15.46	19.04	<=30	Pass

	3500.01	Inner_1RB_Left	12.49	12.38	15.44	16.31	15.37	18.88	<=30	Pass
		Inner_1RB_Right	12.60	12.41	15.51	16.42	15.40	18.95	<=30	Pass
		Edge_1RB_Left	12.62	12.48	15.56	16.44	15.47	18.99	<=30	Pass
		Edge_1RB_Right	12.90	12.92	15.92	16.72	15.91	19.34	<=30	Pass
		Outer_Full	12.67	12.59	15.64	16.49	15.58	19.07	<=30	Pass
		Inner_Full	12.66	12.50	15.59	16.48	15.49	19.02	<=30	Pass
		Inner_1RB_Left	12.58	12.59	15.59	16.40	15.58	19.02	<=30	Pass
	Inner_1RB_Right	13.00	12.98	16.00	16.82	15.97	19.43	<=30	Pass	
	3525	Edge_1RB_Left	12.82	12.48	15.66	16.64	15.47	19.10	<=30	Pass
		Edge_1RB_Right	13.00	12.48	15.76	16.82	15.47	19.21	<=30	Pass
		Outer_Full	13.01	12.36	15.70	16.83	15.35	19.16	<=30	Pass
		Inner_Full	13.04	12.84	15.95	16.86	15.83	19.39	<=30	Pass
		Inner_1RB_Left	12.76	12.46	15.62	16.58	15.45	19.06	<=30	Pass
			Inner_1RB_Right	13.39	12.67	16.05	17.21	15.66	19.51	<=30
Note1: Antenna Gain: Ant5: 3.82dBi; Ant2: 2.99dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.14 30k_MIMO_60MHz_NTNV_EIRP

1.14.1 Test Result

5G NR n78e SCS=30kHz MIMO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
CP-OFDM QPSK	3480	Edge_1RB_Left	16.17	15.84	19.02	19.99	18.83	22.46	<=30	Pass
		Edge_1RB_Right	16.53	16.07	19.32	20.35	19.06	22.76	<=30	Pass
		Outer_Full	16.41	15.98	19.21	20.23	18.97	22.66	<=30	Pass
		Inner_Full	17.64	17.52	20.59	21.46	20.51	24.02	<=30	Pass
		Inner_1RB_Left	17.66	17.40	20.55	21.48	20.39	23.98	<=30	Pass
	Inner_1RB_Right	18.05	17.60	20.84	21.87	20.59	24.29	<=30	Pass	
	3500.01	Edge_1RB_Left	16.53	15.81	19.20	20.35	18.80	22.65	<=30	Pass
		Edge_1RB_Right	16.58	16.26	19.43	20.40	19.25	22.87	<=30	Pass
		Outer_Full	16.22	16.05	19.14	20.04	19.04	22.58	<=30	Pass
		Inner_Full	17.82	17.44	20.64	21.64	20.43	24.09	<=30	Pass
		Inner_1RB_Left	17.97	17.33	20.68	21.79	20.32	24.13	<=30	Pass
	Inner_1RB_Right	17.98	17.83	20.92	21.80	20.82	24.35	<=30	Pass	
	3519.99	Edge_1RB_Left	16.01	16.06	19.05	19.83	19.05	22.47	<=30	Pass
		Edge_1RB_Right	16.47	16.00	19.25	20.29	18.99	22.70	<=30	Pass
		Outer_Full	16.56	16.20	19.39	20.38	19.19	22.84	<=30	Pass
		Inner_Full	18.04	17.85	20.96	21.86	20.84	24.39	<=30	Pass
		Inner_1RB_Left	17.65	17.51	20.59	21.47	20.50	24.02	<=30	Pass
	Inner_1RB_Right	18.12	17.64	20.89	21.94	20.63	24.34	<=30	Pass	
CP-OFDM 64 QAM	3480	Edge_1RB_Left	15.58	15.40	18.50	19.40	18.39	21.93	<=30	Pass
		Edge_1RB_Right	16.02	15.56	18.81	19.84	18.55	22.25	<=30	Pass
		Outer_Full	15.80	15.46	18.64	19.62	18.45	22.08	<=30	Pass
		Inner_Full	15.70	15.52	18.63	19.52	18.51	22.05	<=30	Pass
		Inner_1RB_Left	15.85	15.48	18.68	19.67	18.47	22.12	<=30	Pass
	Inner_1RB_Right	15.85	15.66	18.77	19.67	18.65	22.20	<=30	Pass	
	3500.01	Edge_1RB_Left	16.07	15.33	18.73	19.89	18.32	22.19	<=30	Pass
		Edge_1RB_Right	16.22	16.05	19.14	20.04	19.04	22.58	<=30	Pass
		Outer_Full	15.80	15.48	18.65	19.62	18.47	22.09	<=30	Pass
		Inner_Full	15.76	15.46	18.62	19.58	18.45	22.06	<=30	Pass
		Inner_1RB_Left	16.00	15.48	18.76	19.82	18.47	22.21	<=30	Pass
	Inner_1RB_Right	16.19	16.13	19.17	20.01	19.12	22.60	<=30	Pass	
	3519.99	Edge_1RB_Left	15.73	15.57	18.67	19.55	18.56	22.09	<=30	Pass

		Edge_1RB_Right	16.25	15.99	19.13	20.07	18.98	22.57	<=30	Pass
		Outer_Full	16.10	15.75	18.94	19.92	18.74	22.38	<=30	Pass
		Inner_Full	16.09	15.82	18.97	19.91	18.81	22.41	<=30	Pass
		Inner_1RB_Left	15.67	15.77	18.73	19.49	18.76	22.15	<=30	Pass
		Inner_1RB_Right	16.15	15.80	18.98	19.97	18.79	22.43	<=30	Pass
CP-OFDM 256 QAM	3480	Edge_1RB_Left	12.73	12.48	15.62	16.55	15.47	19.05	<=30	Pass
		Edge_1RB_Right	12.85	12.59	15.73	16.67	15.58	19.17	<=30	Pass
		Outer_Full	12.42	12.54	15.49	16.24	15.53	18.91	<=30	Pass
		Inner_Full	12.68	12.63	15.66	16.50	15.62	19.09	<=30	Pass
		Inner_1RB_Left	12.67	12.65	15.67	16.49	15.64	19.10	<=30	Pass
		Inner_1RB_Right	12.76	12.66	15.72	16.58	15.65	19.15	<=30	Pass
	3500.01	Edge_1RB_Left	13.10	12.52	15.83	16.92	15.51	19.28	<=30	Pass
		Edge_1RB_Right	13.03	12.98	16.01	16.85	15.97	19.44	<=30	Pass
		Outer_Full	12.80	12.43	15.63	16.62	15.42	19.07	<=30	Pass
		Inner_Full	12.74	12.59	15.68	16.56	15.58	19.11	<=30	Pass
		Inner_1RB_Left	12.88	12.34	15.63	16.70	15.33	19.08	<=30	Pass
		Inner_1RB_Right	12.89	12.96	15.94	16.71	15.95	19.36	<=30	Pass
	3519.99	Edge_1RB_Left	12.56	12.72	15.65	16.38	15.71	19.07	<=30	Pass
		Edge_1RB_Right	13.38	12.66	16.04	17.20	15.65	19.50	<=30	Pass
		Outer_Full	12.99	12.75	15.88	16.81	15.74	19.32	<=30	Pass
		Inner_Full	13.08	12.86	15.98	16.90	15.85	19.42	<=30	Pass
		Inner_1RB_Left	12.48	12.57	15.54	16.30	15.56	18.96	<=30	Pass
		Inner_1RB_Right	13.35	12.68	16.04	17.17	15.67	19.49	<=30	Pass
Note1: Antenna Gain: Ant5: 3.82dBi; Ant2: 2.99dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.15 30k_MIMO_70MHz_NTNV_EIRP

1.15.1 Test Result

5G NR n78e SCS=30kHz MIMO 70MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
CP-OFDM QPSK	3485.01	Edge_1RB_Left	16.26	15.84	19.06	20.08	18.83	22.51	<=30	Pass
		Edge_1RB_Right	16.50	16.33	19.43	20.32	19.32	22.86	<=30	Pass
		Outer_Full	16.34	15.91	19.14	20.16	18.90	22.59	<=30	Pass
		Inner_Full	17.76	17.46	20.62	21.58	20.45	24.06	<=30	Pass
		Inner_1RB_Left	17.74	17.41	20.59	21.56	20.40	24.03	<=30	Pass
	Inner_1RB_Right	17.97	17.95	20.97	21.79	20.94	24.40	<=30	Pass	
	3500.01	Edge_1RB_Left	16.52	15.64	19.11	20.34	18.63	22.58	<=30	Pass
		Edge_1RB_Right	16.74	16.26	19.52	20.56	19.25	22.96	<=30	Pass
		Outer_Full	16.47	16.02	19.26	20.29	19.01	22.71	<=30	Pass
		Inner_Full	17.79	17.47	20.65	21.61	20.46	24.08	<=30	Pass
		Inner_1RB_Left	17.96	17.02	20.52	21.78	20.01	23.99	<=30	Pass
	Inner_1RB_Right	18.25	17.77	21.03	22.07	20.76	24.47	<=30	Pass	
	3514.98	Edge_1RB_Left	16.21	16.12	19.18	20.03	19.11	22.60	<=30	Pass
		Edge_1RB_Right	16.65	16.13	19.41	20.47	19.12	22.86	<=30	Pass
		Outer_Full	16.63	16.26	19.46	20.45	19.25	22.90	<=30	Pass
Inner_Full		18.09	17.89	21.00	21.91	20.88	24.44	<=30	Pass	
Inner_1RB_Left		17.71	17.65	20.69	21.53	20.64	24.12	<=30	Pass	
Inner_1RB_Right	18.30	17.87	21.10	22.12	20.86	24.55	<=30	Pass		
CP-OFDM 64 QAM	3485.01	Edge_1RB_Left	15.73	15.56	18.66	19.55	18.55	22.09	<=30	Pass
		Edge_1RB_Right	15.98	16.05	19.03	19.80	19.04	22.45	<=30	Pass
		Outer_Full	15.85	15.44	18.66	19.67	18.43	22.10	<=30	Pass
		Inner_Full	15.78	15.49	18.65	19.60	18.48	22.09	<=30	Pass
		Inner_1RB_Left	15.89	15.56	18.74	19.71	18.55	22.18	<=30	Pass
	Inner_1RB_Right	15.87	15.93	18.91	19.69	18.92	22.33	<=30	Pass	
	3500.01	Edge_1RB_Left	15.98	15.32	18.68	19.80	18.31	22.13	<=30	Pass
		Edge_1RB_Right	16.29	15.91	19.11	20.11	18.90	22.56	<=30	Pass
		Outer_Full	15.86	15.53	18.71	19.68	18.52	22.15	<=30	Pass
		Inner_Full	15.77	15.45	18.63	19.59	18.44	22.06	<=30	Pass
		Inner_1RB_Left	16.00	15.04	18.56	19.82	18.03	22.03	<=30	Pass
	Inner_1RB_Right	16.21	15.80	19.02	20.03	18.79	22.46	<=30	Pass	
	3514.98	Edge_1RB_Left	15.58	15.78	18.69	19.40	18.77	22.11	<=30	Pass
		Edge_1RB_Right	16.32	15.82	19.09	20.14	18.81	22.54	<=30	Pass
		Outer_Full	16.15	15.85	19.01	19.97	18.84	22.45	<=30	Pass
Inner_Full		16.14	15.86	19.01	19.96	18.85	22.45	<=30	Pass	
Inner_1RB_Left		15.59	15.81	18.71	19.41	18.80	22.13	<=30	Pass	
Inner_1RB_Right	16.16	15.76	18.98	19.98	18.75	22.42	<=30	Pass		
CP-OFDM 256 QAM	3485.01	Edge_1RB_Left	12.73	12.65	15.70	16.55	15.64	19.13	<=30	Pass
		Edge_1RB_Right	12.95	12.90	15.94	16.77	15.89	19.36	<=30	Pass
		Outer_Full	12.76	12.47	15.63	16.58	15.46	19.07	<=30	Pass
		Inner_Full	12.68	12.58	15.64	16.50	15.57	19.07	<=30	Pass
		Inner_1RB_Left	12.75	12.39	15.58	16.57	15.38	19.03	<=30	Pass
	Inner_1RB_Right	13.21	12.87	16.05	17.03	15.86	19.49	<=30	Pass	
	3500.01	Edge_1RB_Left	12.91	12.11	15.54	16.73	15.10	19.00	<=30	Pass
		Edge_1RB_Right	13.28	13.11	16.20	17.10	16.10	19.64	<=30	Pass
		Outer_Full	12.89	12.67	15.79	16.71	15.66	19.23	<=30	Pass
		Inner_Full	12.76	12.61	15.70	16.58	15.60	19.13	<=30	Pass
		Inner_1RB_Left	12.92	12.35	15.66	16.74	15.34	19.11	<=30	Pass
	Inner_1RB_Right	13.23	12.99	16.13	17.05	15.98	19.56	<=30	Pass	
	3514.98	Edge_1RB_Left	12.68	12.67	15.69	16.50	15.66	19.11	<=30	Pass

	Edge_1RB_Right	13.57	12.76	16.20	17.39	15.75	19.66	<=30	Pass
	Outer_Full	13.08	12.86	15.98	16.90	15.85	19.42	<=30	Pass
	Inner_Full	13.07	12.88	15.99	16.89	15.87	19.42	<=30	Pass
	Inner_1RB_Left	12.43	12.63	15.54	16.25	15.62	18.96	<=30	Pass
	Inner_1RB_Right	13.24	12.87	16.07	17.06	15.86	19.51	<=30	Pass
Note1: Antenna Gain: Ant5: 3.82dBi; Ant2: 2.99dBi; Note2: EIRP=Conducted Power+Antenna Gain									

1.16 30k_MIMO_80MHz_NTNV_EIRP

1.16.1 Test Result

5G NR n78e SCS=30kHz MIMO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
CP-OFDM QPSK	3490.02	Edge_1RB_Left	16.30	15.99	19.16	20.12	18.98	22.60	<=30	Pass
		Edge_1RB_Right	16.72	16.52	19.63	20.54	19.51	23.07	<=30	Pass
		Outer_Full	16.44	15.88	19.18	20.26	18.87	22.63	<=30	Pass
		Inner_Full	17.80	17.59	20.71	21.62	20.58	24.14	<=30	Pass
		Inner_1RB_Left	17.79	17.52	20.66	21.61	20.51	24.11	<=30	Pass
		Inner_1RB_Right	18.19	18.12	21.17	22.01	21.11	24.59	<=30	Pass
	3500.01	Edge_1RB_Left	16.59	15.64	19.15	20.41	18.63	22.62	<=30	Pass
		Edge_1RB_Right	16.88	16.19	19.56	20.70	19.18	23.02	<=30	Pass
		Outer_Full	16.45	16.23	19.35	20.27	19.22	22.79	<=30	Pass
		Inner_Full	17.76	17.55	20.66	21.58	20.54	24.10	<=30	Pass
		Inner_1RB_Left	17.93	17.15	20.57	21.75	20.14	24.03	<=30	Pass
		Inner_1RB_Right	18.32	17.79	21.07	22.14	20.78	24.52	<=30	Pass
	3510	Edge_1RB_Left	16.52	15.84	19.20	20.34	18.83	22.66	<=30	Pass
		Edge_1RB_Right	16.77	16.14	19.48	20.59	19.13	22.93	<=30	Pass
		Outer_Full	16.46	16.44	19.46	20.28	19.43	22.89	<=30	Pass
		Inner_Full	17.92	17.80	20.87	21.74	20.79	24.30	<=30	Pass
		Inner_1RB_Left	18.16	17.47	20.84	21.98	20.46	24.30	<=30	Pass
		Inner_1RB_Right	18.30	17.81	21.07	22.12	20.80	24.52	<=30	Pass
CP-OFDM 64 QAM	3490.02	Edge_1RB_Left	15.88	15.52	18.71	19.70	18.51	22.16	<=30	Pass
		Edge_1RB_Right	16.25	16.13	19.20	20.07	19.12	22.63	<=30	Pass
		Outer_Full	15.94	15.61	18.79	19.76	18.60	22.23	<=30	Pass
		Inner_Full	15.83	15.55	18.70	19.65	18.54	22.14	<=30	Pass
		Inner_1RB_Left	16.04	15.68	18.87	19.86	18.67	22.32	<=30	Pass
		Inner_1RB_Right	16.04	16.16	19.11	19.86	19.15	22.53	<=30	Pass
	3500.01	Edge_1RB_Left	15.88	15.24	18.59	19.70	18.23	22.04	<=30	Pass
		Edge_1RB_Right	16.37	15.67	19.04	20.19	18.66	22.50	<=30	Pass
		Outer_Full	16.00	15.57	18.80	19.82	18.56	22.25	<=30	Pass
		Inner_Full	15.80	15.55	18.69	19.62	18.54	22.12	<=30	Pass
		Inner_1RB_Left	16.11	15.13	18.65	19.93	18.12	22.13	<=30	Pass
		Inner_1RB_Right	16.42	15.83	19.15	20.24	18.82	22.60	<=30	Pass
	3510	Edge_1RB_Left	16.30	15.59	18.97	20.12	18.58	22.43	<=30	Pass
		Edge_1RB_Right	16.21	15.85	19.05	20.03	18.84	22.49	<=30	Pass
		Outer_Full	15.84	15.77	18.81	19.66	18.76	22.24	<=30	Pass
		Inner_Full	15.92	15.76	18.85	19.74	18.75	22.28	<=30	Pass
		Inner_1RB_Left	16.12	15.44	18.80	19.94	18.43	22.26	<=30	Pass
		Inner_1RB_Right	16.36	15.90	19.14	20.18	18.89	22.59	<=30	Pass
CP-OFDM 256 QAM	3490.02	Edge_1RB_Left	12.63	12.54	15.60	16.45	15.53	19.02	<=30	Pass
		Edge_1RB_Right	13.15	13.20	16.19	16.97	16.19	19.61	<=30	Pass
		Outer_Full	12.92	12.69	15.82	16.74	15.68	19.25	<=30	Pass
		Inner_Full	12.84	12.67	15.77	16.66	15.66	19.20	<=30	Pass

	3500.01	Inner_1RB_Left	12.89	12.69	15.80	16.71	15.68	19.24	<=30	Pass
		Inner_1RB_Right	13.29	13.26	16.28	17.11	16.25	19.71	<=30	Pass
		Edge_1RB_Left	13.16	12.37	15.79	16.98	15.36	19.26	<=30	Pass
		Edge_1RB_Right	13.47	12.91	16.21	17.29	15.90	19.66	<=30	Pass
		Outer_Full	12.87	12.66	15.78	16.69	15.65	19.21	<=30	Pass
		Inner_Full	12.77	12.65	15.72	16.59	15.64	19.15	<=30	Pass
		Inner_1RB_Left	12.96	12.28	15.64	16.78	15.27	19.10	<=30	Pass
	Inner_1RB_Right	13.52	13.00	16.28	17.34	15.99	19.73	<=30	Pass	
	3510	Edge_1RB_Left	13.08	12.34	15.74	16.90	15.33	19.20	<=30	Pass
		Edge_1RB_Right	13.35	12.96	16.17	17.17	15.95	19.61	<=30	Pass
		Outer_Full	12.89	12.81	15.86	16.71	15.80	19.29	<=30	Pass
		Inner_Full	12.89	12.80	15.86	16.71	15.79	19.28	<=30	Pass
		Inner_1RB_Left	13.05	12.47	15.78	16.87	15.46	19.23	<=30	Pass
	Inner_1RB_Right	13.35	12.89	16.14	17.17	15.88	19.58	<=30	Pass	
Note1: Antenna Gain: Ant5: 3.82dBi; Ant2: 2.99dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.17 30k_MIMO_90MHz_NTNV_EIRP

1.17.1 Test Result

5G NR n78e SCS=30kHz MIMO 90MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
CP-OFDM QPSK	3495	Edge_1RB_Left	16.40	16.10	19.26	20.22	19.09	22.70	<=30	Pass
		Edge_1RB_Right	16.99	16.45	19.74	20.81	19.44	23.19	<=30	Pass
		Outer_Full	16.45	16.15	19.31	20.27	19.14	22.75	<=30	Pass
		Inner_Full	17.79	17.62	20.72	21.61	20.61	24.15	<=30	Pass
		Inner_1RB_Left	17.99	17.60	20.81	21.81	20.59	24.25	<=30	Pass
	Inner_1RB_Right	18.26	17.95	21.12	22.08	20.94	24.56	<=30	Pass	
	3500.01	Edge_1RB_Left	16.35	15.77	19.08	20.17	18.76	22.53	<=30	Pass
		Edge_1RB_Right	16.76	16.15	19.48	20.58	19.14	22.93	<=30	Pass
		Outer_Full	16.35	16.26	19.32	20.17	19.25	22.74	<=30	Pass
		Inner_Full	17.66	17.52	20.60	21.48	20.51	24.03	<=30	Pass
		Inner_1RB_Left	17.90	17.31	20.63	21.72	20.30	24.08	<=30	Pass
	Inner_1RB_Right	18.32	17.55	20.96	22.14	20.54	24.42	<=30	Pass	
	3504.99	Edge_1RB_Left	16.60	15.79	19.23	20.42	18.78	22.69	<=30	Pass
		Edge_1RB_Right	16.62	16.24	19.44	20.44	19.23	22.89	<=30	Pass
		Outer_Full	16.54	16.27	19.42	20.36	19.26	22.86	<=30	Pass
		Inner_Full	17.92	17.83	20.88	21.74	20.82	24.31	<=30	Pass
		Inner_1RB_Left	18.24	17.42	20.86	22.06	20.41	24.32	<=30	Pass
	Inner_1RB_Right	18.28	17.70	21.01	22.10	20.69	24.46	<=30	Pass	
CP-OFDM 64 QAM	3495	Edge_1RB_Left	16.14	15.75	18.96	19.96	18.74	22.40	<=30	Pass
		Edge_1RB_Right	16.38	15.91	19.16	20.20	18.90	22.61	<=30	Pass
		Outer_Full	15.97	15.65	18.82	19.79	18.64	22.26	<=30	Pass
		Inner_Full	15.77	15.61	18.70	19.59	18.60	22.13	<=30	Pass
		Inner_1RB_Left	15.99	15.50	18.77	19.81	18.49	22.21	<=30	Pass
	Inner_1RB_Right	16.37	15.93	19.17	20.19	18.92	22.61	<=30	Pass	
	3500.01	Edge_1RB_Left	15.85	15.39	18.63	19.67	18.38	22.08	<=30	Pass
		Edge_1RB_Right	16.28	15.64	18.98	20.10	18.63	22.44	<=30	Pass
		Outer_Full	15.93	15.59	18.77	19.75	18.58	22.21	<=30	Pass
		Inner_Full	15.77	15.55	18.67	19.59	18.54	22.11	<=30	Pass
		Inner_1RB_Left	15.92	15.45	18.70	19.74	18.44	22.15	<=30	Pass
	Inner_1RB_Right	16.32	15.67	19.02	20.14	18.66	22.47	<=30	Pass	
	3504.99	Edge_1RB_Left	16.29	15.44	18.90	20.11	18.43	22.36	<=30	Pass

CP-OFDM 256 QAM		Edge_1RB_Right	16.33	15.81	19.09	20.15	18.80	22.54	<=30	Pass
		Outer_Full	16.13	15.80	18.97	19.95	18.79	22.42	<=30	Pass
		Inner_Full	15.96	15.81	18.89	19.78	18.80	22.33	<=30	Pass
		Inner_1RB_Left	16.22	15.56	18.91	20.04	18.55	22.37	<=30	Pass
		Inner_1RB_Right	16.27	16.00	19.15	20.09	18.99	22.59	<=30	Pass
	3495	Edge_1RB_Left	12.82	12.44	15.65	16.64	15.43	19.09	<=30	Pass
		Edge_1RB_Right	13.49	12.88	16.20	17.31	15.87	19.66	<=30	Pass
		Outer_Full	12.92	12.96	15.95	16.74	15.95	19.37	<=30	Pass
		Inner_Full	12.77	12.65	15.72	16.59	15.64	19.15	<=30	Pass
		Inner_1RB_Left	12.59	12.48	15.54	16.41	15.47	18.98	<=30	Pass
		Inner_1RB_Right	13.44	13.06	16.26	17.26	16.05	19.71	<=30	Pass
	3500.01	Edge_1RB_Left	12.94	12.39	15.68	16.76	15.38	19.13	<=30	Pass
		Edge_1RB_Right	13.34	12.65	16.02	17.16	15.64	19.48	<=30	Pass
		Outer_Full	12.93	12.54	15.75	16.75	15.53	19.19	<=30	Pass
		Inner_Full	12.74	12.58	15.67	16.56	15.57	19.10	<=30	Pass
		Inner_1RB_Left	12.76	12.14	15.47	16.58	15.13	18.93	<=30	Pass
	3504.99	Inner_1RB_Right	13.49	12.78	16.16	17.31	15.77	19.62	<=30	Pass
		Edge_1RB_Left	13.08	12.29	15.71	16.90	15.28	19.18	<=30	Pass
		Edge_1RB_Right	13.50	12.95	16.24	17.32	15.94	19.69	<=30	Pass
Outer_Full		12.99	12.81	15.91	16.81	15.80	19.34	<=30	Pass	
Inner_Full		12.90	12.89	15.91	16.72	15.88	19.33	<=30	Pass	
Inner_1RB_Left		12.93	12.32	15.65	16.75	15.31	19.10	<=30	Pass	
Inner_1RB_Right	13.49	12.94	16.24	17.31	15.93	19.68	<=30	Pass		
Note1: Antenna Gain: Ant5: 3.82dBi; Ant2: 2.99dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.18 30k_MIMO_100MHz_NTNV_EIRP

1.18.1 Test Result

5G NR n78e SCS=30kHz MIMO 100MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
CP-OFDM QPSK	3500.01	Edge_1RB_Left	16.28	15.98	19.14	20.10	18.97	22.58	<=30	Pass
		Edge_1RB_Right	16.84	16.37	19.62	20.66	19.36	23.07	<=30	Pass
		Outer_Full	16.40	16.28	19.35	20.22	19.27	22.78	<=30	Pass
		Inner_Full	17.92	17.74	20.84	21.74	20.73	24.27	<=30	Pass
		Inner_1RB_Left	17.94	17.62	20.79	21.76	20.61	24.23	<=30	Pass
		Inner_1RB_Right	18.35	17.85	21.11	22.17	20.84	24.57	<=30	Pass
	3500.01	Edge_1RB_Left	16.34	16.13	19.25	20.16	19.12	22.68	<=30	Pass
		Edge_1RB_Right	16.80	16.39	19.61	20.62	19.38	23.05	<=30	Pass
		Outer_Full	16.50	16.22	19.37	20.32	19.21	22.81	<=30	Pass
		Inner_Full	17.91	17.71	20.83	21.73	20.70	24.26	<=30	Pass
		Inner_1RB_Left	18.00	17.73	20.88	21.82	20.72	24.32	<=30	Pass
		Inner_1RB_Right	18.32	17.90	21.12	22.14	20.89	24.57	<=30	Pass
	3499.98	Edge_1RB_Left	16.31	15.98	19.16	20.13	18.97	22.60	<=30	Pass
		Edge_1RB_Right	16.71	16.25	19.49	20.53	19.24	22.94	<=30	Pass
		Outer_Full	16.51	16.23	19.39	20.33	19.22	22.82	<=30	Pass
		Inner_Full	17.90	17.73	20.83	21.72	20.72	24.26	<=30	Pass
		Inner_1RB_Left	18.00	17.56	20.79	21.82	20.55	24.24	<=30	Pass
		Inner_1RB_Right	18.29	17.84	21.08	22.11	20.83	24.53	<=30	Pass
CP-OFDM 64 QAM	3500.01	Edge_1RB_Left	15.91	15.61	18.77	19.73	18.60	22.21	<=30	Pass
		Edge_1RB_Right	16.51	15.90	19.23	20.33	18.89	22.68	<=30	Pass
		Outer_Full	16.13	15.75	18.96	19.95	18.74	22.40	<=30	Pass
		Inner_Full	15.97	15.74	18.86	19.79	18.73	22.30	<=30	Pass

		Inner_1RB_Left	16.01	15.66	18.85	19.83	18.65	22.29	<=30	Pass	
		Inner_1RB_Right	16.20	15.90	19.07	20.02	18.89	22.50	<=30	Pass	
	3500.01	Edge_1RB_Left	15.99	15.84	18.93	19.81	18.83	22.36	<=30	Pass	
		Edge_1RB_Right	16.42	15.99	19.22	20.24	18.98	22.67	<=30	Pass	
		Outer_Full	16.12	15.73	18.94	19.94	18.72	22.38	<=30	Pass	
		Inner_Full	15.91	15.79	18.86	19.73	18.78	22.29	<=30	Pass	
		Inner_1RB_Left	15.92	15.75	18.85	19.74	18.74	22.28	<=30	Pass	
		Inner_1RB_Right	16.32	15.86	19.11	20.14	18.85	22.55	<=30	Pass	
	3499.98	Edge_1RB_Left	16.05	15.67	18.87	19.87	18.66	22.32	<=30	Pass	
		Edge_1RB_Right	16.31	15.87	19.10	20.13	18.86	22.55	<=30	Pass	
		Outer_Full	16.01	15.73	18.88	19.83	18.72	22.32	<=30	Pass	
		Inner_Full	15.96	15.74	18.86	19.78	18.73	22.30	<=30	Pass	
		Inner_1RB_Left	15.94	15.88	18.92	19.76	18.87	22.35	<=30	Pass	
		Inner_1RB_Right	16.37	15.93	19.17	20.19	18.92	22.61	<=30	Pass	
CP-OFDM 256 QAM	3500.01	Edge_1RB_Left	12.70	12.78	15.75	16.52	15.77	19.17	<=30	Pass	
		Edge_1RB_Right	13.32	12.88	16.12	17.14	15.87	19.56	<=30	Pass	
		Outer_Full	13.01	12.74	15.89	16.83	15.73	19.33	<=30	Pass	
		Inner_Full	12.83	12.75	15.80	16.65	15.74	19.23	<=30	Pass	
		Inner_1RB_Left	12.79	12.61	15.71	16.61	15.60	19.14	<=30	Pass	
		Inner_1RB_Right	13.39	12.95	16.18	17.21	15.94	19.63	<=30	Pass	
	3500.01	Edge_1RB_Left	12.67	12.69	15.69	16.49	15.68	19.11	<=30	Pass	
		Edge_1RB_Right	13.38	12.98	16.19	17.20	15.97	19.64	<=30	Pass	
		Outer_Full	12.99	12.73	15.87	16.81	15.72	19.31	<=30	Pass	
		Inner_Full	12.87	12.75	15.82	16.69	15.74	19.25	<=30	Pass	
		Inner_1RB_Left	12.88	12.80	15.85	16.70	15.79	19.28	<=30	Pass	
		Inner_1RB_Right	13.43	13.02	16.24	17.25	16.01	19.68	<=30	Pass	
	3499.98	Edge_1RB_Left	12.75	12.57	15.67	16.57	15.56	19.10	<=30	Pass	
		Edge_1RB_Right	13.49	13.09	16.31	17.31	16.08	19.75	<=30	Pass	
		Outer_Full	13.03	12.75	15.90	16.85	15.74	19.34	<=30	Pass	
		Inner_Full	12.89	12.80	15.86	16.71	15.79	19.28	<=30	Pass	
		Inner_1RB_Left	12.70	12.73	15.73	16.52	15.72	19.15	<=30	Pass	
		Inner_1RB_Right	13.24	12.91	16.09	17.06	15.90	19.53	<=30	Pass	
	Note1: Antenna Gain: Ant5: 3.82dBi; Ant2: 2.99dBi;										
	Note2: EIRP=Conducted Power+Antenna Gain										