

1. Effective (Isotropic) Radiated Power Output Data

1.1 30k_SISO_10MHz_NTNV_EIRP

1.1.1 Test Result

5G NR n48 SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3555	Edge_1RB_Left	20.07	/	/	20.57	/	/	<=23	Pass
		Edge_1RB_Right	20.12	/	/	20.62	/	/	<=23	Pass
		Outer_Full	20.01	/	/	20.51	/	/	<=23	Pass
		Inner_Full	20.59	/	/	21.09	/	/	<=23	Pass
		Inner_1RB_Left	20.55	/	/	21.05	/	/	<=23	Pass
		Inner_1RB_Right	20.55	/	/	21.05	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	20.53	/	/	21.03	/	/	<=23	Pass
		Edge_1RB_Right	20.44	/	/	20.94	/	/	<=23	Pass
		Outer_Full	20.55	/	/	21.05	/	/	<=23	Pass
		Inner_Full	21.03	/	/	21.53	/	/	<=23	Pass
		Inner_1RB_Left	20.98	/	/	21.48	/	/	<=23	Pass
		Inner_1RB_Right	20.89	/	/	21.39	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	20.84	/	/	21.34	/	/	<=23	Pass
		Edge_1RB_Right	20.94	/	/	21.44	/	/	<=23	Pass
		Outer_Full	20.82	/	/	21.32	/	/	<=23	Pass
		Inner_Full	21.35	/	/	21.85	/	/	<=23	Pass
		Inner_1RB_Left	21.35	/	/	21.85	/	/	<=23	Pass
		Inner_1RB_Right	21.33	/	/	21.83	/	/	<=23	Pass
DFT-s-OFDM QPSK	3555	Edge_1RB_Left	18.44	/	/	18.94	/	/	<=23	Pass
		Edge_1RB_Right	19.53	/	/	20.03	/	/	<=23	Pass
		Outer_Full	19.56	/	/	20.06	/	/	<=23	Pass
		Inner_Full	20.51	/	/	21.01	/	/	<=23	Pass
		Inner_1RB_Left	20.44	/	/	20.94	/	/	<=23	Pass
		Inner_1RB_Right	20.49	/	/	20.99	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	18.58	/	/	19.08	/	/	<=23	Pass
		Edge_1RB_Right	19.92	/	/	20.42	/	/	<=23	Pass
		Outer_Full	20.08	/	/	20.58	/	/	<=23	Pass
		Inner_Full	21.08	/	/	21.58	/	/	<=23	Pass
		Inner_1RB_Left	21.08	/	/	21.58	/	/	<=23	Pass
		Inner_1RB_Right	21.02	/	/	21.52	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	18.41	/	/	18.91	/	/	<=23	Pass
		Edge_1RB_Right	20.39	/	/	20.89	/	/	<=23	Pass
		Outer_Full	20.37	/	/	20.87	/	/	<=23	Pass
		Inner_Full	21.37	/	/	21.87	/	/	<=23	Pass
		Inner_1RB_Left	21.20	/	/	21.70	/	/	<=23	Pass
		Inner_1RB_Right	21.36	/	/	21.86	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3555	Edge_1RB_Left	18.00	/	/	18.50	/	/	<=23	Pass
		Edge_1RB_Right	18.03	/	/	18.53	/	/	<=23	Pass
		Outer_Full	18.01	/	/	18.51	/	/	<=23	Pass
		Inner_Full	18.02	/	/	18.52	/	/	<=23	Pass
		Inner_1RB_Left	18.02	/	/	18.52	/	/	<=23	Pass
		Inner_1RB_Right	18.08	/	/	18.58	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	18.37	/	/	18.87	/	/	<=23	Pass
		Edge_1RB_Right	18.60	/	/	19.10	/	/	<=23	Pass
		Outer_Full	18.55	/	/	19.05	/	/	<=23	Pass
		Inner_Full	18.60	/	/	19.10	/	/	<=23	Pass
		Inner_1RB_Left	18.42	/	/	18.92	/	/	<=23	Pass
		Inner_1RB_Right	18.54	/	/	19.04	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	18.94	/	/	19.44	/	/	<=23	Pass

		Edge_1RB_Right	18.89	/	/	19.39	/	/	<=23	Pass
		Outer_Full	18.88	/	/	19.38	/	/	<=23	Pass
		Inner_Full	18.90	/	/	19.40	/	/	<=23	Pass
		Inner_1RB_Left	18.76	/	/	19.26	/	/	<=23	Pass
		Inner_1RB_Right	18.93	/	/	19.43	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3555	Edge_1RB_Left	16.11	/	/	16.61	/	/	<=23	Pass
		Edge_1RB_Right	16.14	/	/	16.64	/	/	<=23	Pass
		Outer_Full	16.11	/	/	16.61	/	/	<=23	Pass
		Inner_Full	16.11	/	/	16.61	/	/	<=23	Pass
		Inner_1RB_Left	16.01	/	/	16.51	/	/	<=23	Pass
		Inner_1RB_Right	16.07	/	/	16.57	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	16.52	/	/	17.02	/	/	<=23	Pass
		Edge_1RB_Right	16.60	/	/	17.10	/	/	<=23	Pass
		Outer_Full	16.52	/	/	17.02	/	/	<=23	Pass
		Inner_Full	16.55	/	/	17.05	/	/	<=23	Pass
		Inner_1RB_Left	16.49	/	/	16.99	/	/	<=23	Pass
		Inner_1RB_Right	16.47	/	/	16.97	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	16.98	/	/	17.48	/	/	<=23	Pass
		Edge_1RB_Right	16.79	/	/	17.29	/	/	<=23	Pass
		Outer_Full	16.92	/	/	17.42	/	/	<=23	Pass
		Inner_Full	16.89	/	/	17.39	/	/	<=23	Pass
		Inner_1RB_Left	16.84	/	/	17.34	/	/	<=23	Pass
		Inner_1RB_Right	16.82	/	/	17.32	/	/	<=23	Pass
CP-OFDM QPSK	3555	Edge_1RB_Left	17.60	/	/	18.10	/	/	<=23	Pass
		Edge_1RB_Right	17.66	/	/	18.16	/	/	<=23	Pass
		Outer_Full	17.58	/	/	18.08	/	/	<=23	Pass
		Inner_Full	19.08	/	/	19.58	/	/	<=23	Pass
		Inner_1RB_Left	19.11	/	/	19.61	/	/	<=23	Pass
		Inner_1RB_Right	19.08	/	/	19.58	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	18.11	/	/	18.61	/	/	<=23	Pass
		Edge_1RB_Right	18.00	/	/	18.50	/	/	<=23	Pass
		Outer_Full	18.03	/	/	18.53	/	/	<=23	Pass
		Inner_Full	19.51	/	/	20.01	/	/	<=23	Pass
		Inner_1RB_Left	19.56	/	/	20.06	/	/	<=23	Pass
		Inner_1RB_Right	19.51	/	/	20.01	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	18.27	/	/	18.77	/	/	<=23	Pass
		Edge_1RB_Right	18.34	/	/	18.84	/	/	<=23	Pass
		Outer_Full	18.33	/	/	18.83	/	/	<=23	Pass
		Inner_Full	19.85	/	/	20.35	/	/	<=23	Pass
		Inner_1RB_Left	19.82	/	/	20.32	/	/	<=23	Pass
		Inner_1RB_Right	19.91	/	/	20.41	/	/	<=23	Pass
CP-OFDM 64 QAM	3555	Edge_1RB_Left	16.97	/	/	17.47	/	/	<=23	Pass
		Edge_1RB_Right	17.16	/	/	17.66	/	/	<=23	Pass
		Outer_Full	17.00	/	/	17.50	/	/	<=23	Pass
		Inner_Full	16.96	/	/	17.46	/	/	<=23	Pass
		Inner_1RB_Left	17.17	/	/	17.67	/	/	<=23	Pass
		Inner_1RB_Right	17.16	/	/	17.66	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	17.67	/	/	18.17	/	/	<=23	Pass
		Edge_1RB_Right	17.62	/	/	18.12	/	/	<=23	Pass
		Outer_Full	17.58	/	/	18.08	/	/	<=23	Pass
		Inner_Full	17.60	/	/	18.10	/	/	<=23	Pass
		Inner_1RB_Left	17.48	/	/	17.98	/	/	<=23	Pass
		Inner_1RB_Right	17.55	/	/	18.05	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	17.76	/	/	18.26	/	/	<=23	Pass
		Edge_1RB_Right	18.04	/	/	18.54	/	/	<=23	Pass
		Outer_Full	17.85	/	/	18.35	/	/	<=23	Pass
		Inner_Full	17.89	/	/	18.39	/	/	<=23	Pass
		Inner_1RB_Left	17.79	/	/	18.29	/	/	<=23	Pass
		Inner_1RB_Right	17.90	/	/	18.40	/	/	<=23	Pass

CP-OFDM 256 QAM	3555	Edge_1RB_Left	14.26	/	/	14.76	/	/	<=23	Pass
		Edge_1RB_Right	14.22	/	/	14.72	/	/	<=23	Pass
		Outer_Full	14.08	/	/	14.58	/	/	<=23	Pass
		Inner_Full	14.07	/	/	14.57	/	/	<=23	Pass
		Inner_1RB_Left	14.39	/	/	14.89	/	/	<=23	Pass
		Inner_1RB_Right	14.29	/	/	14.79	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	14.65	/	/	15.15	/	/	<=23	Pass
		Edge_1RB_Right	14.52	/	/	15.02	/	/	<=23	Pass
		Outer_Full	14.68	/	/	15.18	/	/	<=23	Pass
		Inner_Full	14.63	/	/	15.13	/	/	<=23	Pass
		Inner_1RB_Left	14.61	/	/	15.11	/	/	<=23	Pass
		Inner_1RB_Right	14.52	/	/	15.02	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	14.86	/	/	15.36	/	/	<=23	Pass
		Edge_1RB_Right	15.04	/	/	15.54	/	/	<=23	Pass
		Outer_Full	14.89	/	/	15.39	/	/	<=23	Pass
		Inner_Full	14.89	/	/	15.39	/	/	<=23	Pass
		Inner_1RB_Left	14.79	/	/	15.29	/	/	<=23	Pass
		Inner_1RB_Right	14.95	/	/	15.45	/	/	<=23	Pass
Note1: Antenna Gain: Ant5: 0.50dBi; Ant2: 0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.2 30k_SISO_10MHz_NTNV_EIRP/10MHz

1.2.1 Test Result

5G NR n48 SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3555	Edge 1RB Left	19.51	/	/	20.01	/	/	<=23	Pass
		Edge 1RB Right	20.35	/	/	20.85	/	/	<=23	Pass
		Outer Full	19.85	/	/	20.35	/	/	<=23	Pass
		Inner Full	21.28	/	/	21.78	/	/	<=23	Pass
		Inner 1RB Left	20.53	/	/	21.03	/	/	<=23	Pass
		Inner 1RB Right	20.30	/	/	20.80	/	/	<=23	Pass
	3624.99	Edge 1RB Left	20.13	/	/	20.63	/	/	<=23	Pass
		Edge 1RB Right	20.58	/	/	21.08	/	/	<=23	Pass
		Outer Full	20.23	/	/	20.73	/	/	<=23	Pass
		Inner Full	20.55	/	/	21.05	/	/	<=23	Pass
		Inner 1RB Left	19.49	/	/	19.99	/	/	<=23	Pass
		Inner 1RB Right	20.55	/	/	21.05	/	/	<=23	Pass
	3694.98	Edge 1RB Left	21.23	/	/	21.73	/	/	<=23	Pass
		Edge 1RB Right	21.50	/	/	22.00	/	/	<=23	Pass
		Outer Full	21.14	/	/	21.64	/	/	<=23	Pass
		Inner Full	21.83	/	/	22.33	/	/	<=23	Pass
		Inner 1RB Left	20.85	/	/	21.35	/	/	<=23	Pass
		Inner 1RB Right	20.76	/	/	21.26	/	/	<=23	Pass
DFT-s-OFDM QPSK	3555	Edge 1RB Left	19.59	/	/	20.09	/	/	<=23	Pass
		Edge 1RB Right	19.33	/	/	19.83	/	/	<=23	Pass
		Outer Full	19.65	/	/	20.15	/	/	<=23	Pass
		Inner Full	20.06	/	/	20.56	/	/	<=23	Pass
		Inner 1RB Left	20.83	/	/	21.33	/	/	<=23	Pass
		Inner 1RB Right	20.59	/	/	21.09	/	/	<=23	Pass
	3624.99	Edge 1RB Left	19.88	/	/	20.38	/	/	<=23	Pass
		Edge 1RB Right	19.27	/	/	19.77	/	/	<=23	Pass
		Outer Full	19.61	/	/	20.11	/	/	<=23	Pass
		Inner Full	21.25	/	/	21.75	/	/	<=23	Pass
		Inner 1RB Left	20.76	/	/	21.26	/	/	<=23	Pass

	3694.98	Inner 1RB Right	20.18	/	/	20.68	/	/	<=23	Pass
		Edge 1RB Left	20.65	/	/	21.15	/	/	<=23	Pass
		Edge 1RB Right	21.13	/	/	21.63	/	/	<=23	Pass
		Outer Full	20.29	/	/	20.79	/	/	<=23	Pass
		Inner Full	21.81	/	/	22.31	/	/	<=23	Pass
		Inner 1RB Left	21.59	/	/	22.09	/	/	<=23	Pass
		Inner 1RB Right	21.08	/	/	21.58	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3555	Edge 1RB Left	18.54	/	/	19.04	/	/	<=23	Pass
		Edge 1RB Right	17.65	/	/	18.15	/	/	<=23	Pass
		Outer Full	18.38	/	/	18.88	/	/	<=23	Pass
		Inner Full	18.03	/	/	18.53	/	/	<=23	Pass
		Inner 1RB Left	17.28	/	/	17.78	/	/	<=23	Pass
		Inner 1RB Right	18.99	/	/	19.49	/	/	<=23	Pass
	3624.99	Edge 1RB Left	18.12	/	/	18.62	/	/	<=23	Pass
		Edge 1RB Right	18.58	/	/	19.08	/	/	<=23	Pass
		Outer Full	18.82	/	/	19.32	/	/	<=23	Pass
		Inner Full	18.05	/	/	18.55	/	/	<=23	Pass
		Inner 1RB Left	18.19	/	/	18.69	/	/	<=23	Pass
		Inner 1RB Right	17.89	/	/	18.39	/	/	<=23	Pass
	3694.98	Edge 1RB Left	18.11	/	/	18.61	/	/	<=23	Pass
		Edge 1RB Right	18.67	/	/	19.17	/	/	<=23	Pass
		Outer Full	18.53	/	/	19.03	/	/	<=23	Pass
		Inner Full	18.42	/	/	18.92	/	/	<=23	Pass
		Inner 1RB Left	18.12	/	/	18.62	/	/	<=23	Pass
		Inner 1RB Right	18.55	/	/	19.05	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3555	Edge 1RB Left	15.81	/	/	16.31	/	/	<=23	Pass
		Edge 1RB Right	16.68	/	/	17.18	/	/	<=23	Pass
		Outer Full	16.41	/	/	16.91	/	/	<=23	Pass
		Inner Full	16.28	/	/	16.78	/	/	<=23	Pass
		Inner 1RB Left	16.55	/	/	17.05	/	/	<=23	Pass
		Inner 1RB Right	15.88	/	/	16.38	/	/	<=23	Pass
	3624.99	Edge 1RB Left	15.11	/	/	15.61	/	/	<=23	Pass
		Edge 1RB Right	16.15	/	/	16.65	/	/	<=23	Pass
		Outer Full	16.24	/	/	16.74	/	/	<=23	Pass
		Inner Full	16.03	/	/	16.53	/	/	<=23	Pass
		Inner 1RB Left	16.71	/	/	17.21	/	/	<=23	Pass
		Inner 1RB Right	15.50	/	/	16.00	/	/	<=23	Pass
	3694.98	Edge 1RB Left	17.11	/	/	17.61	/	/	<=23	Pass
		Edge 1RB Right	16.97	/	/	17.47	/	/	<=23	Pass
		Outer Full	16.50	/	/	17.00	/	/	<=23	Pass
		Inner Full	17.33	/	/	17.83	/	/	<=23	Pass
		Inner 1RB Left	16.60	/	/	17.10	/	/	<=23	Pass
		Inner 1RB Right	17.27	/	/	17.77	/	/	<=23	Pass
CP-OFDM QPSK	3555	Edge 1RB Left	17.44	/	/	17.94	/	/	<=23	Pass
		Edge 1RB Right	17.85	/	/	18.35	/	/	<=23	Pass
		Outer Full	17.95	/	/	18.45	/	/	<=23	Pass
		Inner Full	19.22	/	/	19.72	/	/	<=23	Pass
		Inner 1RB Left	19.42	/	/	19.92	/	/	<=23	Pass
		Inner 1RB Right	18.84	/	/	19.34	/	/	<=23	Pass
	3624.99	Edge 1RB Left	17.30	/	/	17.80	/	/	<=23	Pass
		Edge 1RB Right	17.68	/	/	18.18	/	/	<=23	Pass
		Outer Full	17.62	/	/	18.12	/	/	<=23	Pass
		Inner Full	18.64	/	/	19.14	/	/	<=23	Pass
		Inner 1RB Left	18.91	/	/	19.41	/	/	<=23	Pass
		Inner 1RB Right	19.13	/	/	19.63	/	/	<=23	Pass
	3694.98	Edge 1RB Left	18.39	/	/	18.89	/	/	<=23	Pass
		Edge 1RB Right	19.25	/	/	19.75	/	/	<=23	Pass
		Outer Full	18.27	/	/	18.77	/	/	<=23	Pass
		Inner Full	19.40	/	/	19.90	/	/	<=23	Pass

		Inner 1RB Left	19.68	/	/	20.18	/	/	<=23	Pass
		Inner 1RB Right	19.91	/	/	20.41	/	/	<=23	Pass
CP-OFDM 64 QAM	3555	Edge 1RB Left	17.30	/	/	17.80	/	/	<=23	Pass
		Edge 1RB Right	17.45	/	/	17.95	/	/	<=23	Pass
		Outer Full	17.43	/	/	17.93	/	/	<=23	Pass
		Inner Full	18.33	/	/	18.83	/	/	<=23	Pass
		Inner 1RB Left	17.50	/	/	18.00	/	/	<=23	Pass
		Inner 1RB Right	18.04	/	/	18.54	/	/	<=23	Pass
	3624.99	Edge 1RB Left	15.94	/	/	16.44	/	/	<=23	Pass
		Edge 1RB Right	17.11	/	/	17.61	/	/	<=23	Pass
		Outer Full	16.70	/	/	17.20	/	/	<=23	Pass
		Inner Full	17.13	/	/	17.63	/	/	<=23	Pass
		Inner 1RB Left	16.81	/	/	17.31	/	/	<=23	Pass
		Inner 1RB Right	16.85	/	/	17.35	/	/	<=23	Pass
	3694.98	Edge 1RB Left	17.95	/	/	18.45	/	/	<=23	Pass
		Edge 1RB Right	17.29	/	/	17.79	/	/	<=23	Pass
		Outer Full	18.20	/	/	18.70	/	/	<=23	Pass
		Inner Full	17.84	/	/	18.34	/	/	<=23	Pass
		Inner 1RB Left	18.05	/	/	18.55	/	/	<=23	Pass
		Inner 1RB Right	17.62	/	/	18.12	/	/	<=23	Pass
CP-OFDM 256 QAM	3555	Edge 1RB Left	14.66	/	/	15.16	/	/	<=23	Pass
		Edge 1RB Right	14.48	/	/	14.98	/	/	<=23	Pass
		Outer Full	14.88	/	/	15.38	/	/	<=23	Pass
		Inner Full	14.58	/	/	15.08	/	/	<=23	Pass
		Inner 1RB Left	14.25	/	/	14.75	/	/	<=23	Pass
		Inner 1RB Right	14.41	/	/	14.91	/	/	<=23	Pass
	3624.99	Edge 1RB Left	13.85	/	/	14.35	/	/	<=23	Pass
		Edge 1RB Right	13.88	/	/	14.38	/	/	<=23	Pass
		Outer Full	14.60	/	/	15.10	/	/	<=23	Pass
		Inner Full	13.89	/	/	14.39	/	/	<=23	Pass
		Inner 1RB Left	14.36	/	/	14.86	/	/	<=23	Pass
		Inner 1RB Right	13.95	/	/	14.45	/	/	<=23	Pass
	3694.98	Edge 1RB Left	14.37	/	/	14.87	/	/	<=23	Pass
		Edge 1RB Right	15.47	/	/	15.97	/	/	<=23	Pass
		Outer Full	15.19	/	/	15.69	/	/	<=23	Pass
		Inner Full	14.53	/	/	15.03	/	/	<=23	Pass
		Inner 1RB Left	15.62	/	/	16.12	/	/	<=23	Pass
		Inner 1RB Right	14.57	/	/	15.07	/	/	<=23	Pass
Note1: Antenna Gain: Ant5: 0.50dBi; Ant2: 0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.3 30k_SISO_20MHz_NTNV_EIRP

1.3.1 Test Result

5G NR n48 SCS=30kHz SISO 20MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3560.01	Edge 1RB Left	17.78	/	/	18.28	/	/	<=23	Pass
		Edge 1RB Right	20.53	/	/	21.03	/	/	<=23	Pass
		Outer Full	17.83	/	/	18.33	/	/	<=23	Pass
		Inner Full	20.88	/	/	21.38	/	/	<=23	Pass
		Inner 1RB Left	17.75	/	/	18.25	/	/	<=23	Pass
		Inner 1RB Right	21.02	/	/	21.52	/	/	<=23	Pass
	3624.99	Edge 1RB Left	20.79	/	/	21.29	/	/	<=23	Pass
		Edge 1RB Right	20.48	/	/	20.98	/	/	<=23	Pass
		Outer Full	20.76	/	/	21.26	/	/	<=23	Pass

		Inner_Full	21.21	/	/	21.71	/	/	<=23	Pass
		Inner_1RB_Left	21.27	/	/	21.77	/	/	<=23	Pass
		Inner_1RB_Right	21.09	/	/	21.59	/	/	<=23	Pass
	3690	Edge_1RB_Left	20.87	/	/	21.37	/	/	<=23	Pass
		Edge_1RB_Right	18.26	/	/	18.76	/	/	<=23	Pass
		Outer_Full	18.27	/	/	18.77	/	/	<=23	Pass
		Inner_Full	21.28	/	/	21.78	/	/	<=23	Pass
		Inner_1RB_Left	21.34	/	/	21.84	/	/	<=23	Pass
		Inner_1RB_Right	18.33	/	/	18.83	/	/	<=23	Pass
DFT-s-OFDM QPSK	3560.01	Edge_1RB_Left	17.74	/	/	18.24	/	/	<=23	Pass
		Edge_1RB_Right	19.95	/	/	20.45	/	/	<=23	Pass
		Outer_Full	17.84	/	/	18.34	/	/	<=23	Pass
		Inner_Full	20.78	/	/	21.28	/	/	<=23	Pass
		Inner_1RB_Left	17.75	/	/	18.25	/	/	<=23	Pass
		Inner_1RB_Right	20.98	/	/	21.48	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	20.26	/	/	20.76	/	/	<=23	Pass
		Edge_1RB_Right	20.11	/	/	20.61	/	/	<=23	Pass
		Outer_Full	20.14	/	/	20.64	/	/	<=23	Pass
		Inner_Full	21.12	/	/	21.62	/	/	<=23	Pass
		Inner_1RB_Left	21.24	/	/	21.74	/	/	<=23	Pass
		Inner_1RB_Right	21.06	/	/	21.56	/	/	<=23	Pass
	3690	Edge_1RB_Left	20.33	/	/	20.83	/	/	<=23	Pass
		Edge_1RB_Right	18.26	/	/	18.76	/	/	<=23	Pass
		Outer_Full	18.33	/	/	18.83	/	/	<=23	Pass
		Inner_Full	21.32	/	/	21.82	/	/	<=23	Pass
		Inner_1RB_Left	21.37	/	/	21.87	/	/	<=23	Pass
		Inner_1RB_Right	18.32	/	/	18.82	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3560.01	Edge_1RB_Left	17.64	/	/	18.14	/	/	<=23	Pass
		Edge_1RB_Right	18.46	/	/	18.96	/	/	<=23	Pass
		Outer_Full	17.92	/	/	18.42	/	/	<=23	Pass
		Inner_Full	18.30	/	/	18.80	/	/	<=23	Pass
		Inner_1RB_Left	17.86	/	/	18.36	/	/	<=23	Pass
		Inner_1RB_Right	18.54	/	/	19.04	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	18.73	/	/	19.23	/	/	<=23	Pass
		Edge_1RB_Right	18.56	/	/	19.06	/	/	<=23	Pass
		Outer_Full	18.67	/	/	19.17	/	/	<=23	Pass
		Inner_Full	18.58	/	/	19.08	/	/	<=23	Pass
		Inner_1RB_Left	18.76	/	/	19.26	/	/	<=23	Pass
		Inner_1RB_Right	18.55	/	/	19.05	/	/	<=23	Pass
	3690	Edge_1RB_Left	18.79	/	/	19.29	/	/	<=23	Pass
		Edge_1RB_Right	18.43	/	/	18.93	/	/	<=23	Pass
		Outer_Full	18.38	/	/	18.88	/	/	<=23	Pass
		Inner_Full	18.80	/	/	19.30	/	/	<=23	Pass
		Inner_1RB_Left	18.81	/	/	19.31	/	/	<=23	Pass
		Inner_1RB_Right	18.09	/	/	18.59	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3560.01	Edge_1RB_Left	16.32	/	/	16.82	/	/	<=23	Pass
		Edge_1RB_Right	16.41	/	/	16.91	/	/	<=23	Pass
		Outer_Full	16.35	/	/	16.85	/	/	<=23	Pass
		Inner_Full	16.31	/	/	16.81	/	/	<=23	Pass
		Inner_1RB_Left	16.33	/	/	16.83	/	/	<=23	Pass
		Inner_1RB_Right	16.72	/	/	17.22	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	16.66	/	/	17.16	/	/	<=23	Pass
		Edge_1RB_Right	16.67	/	/	17.17	/	/	<=23	Pass
		Outer_Full	16.62	/	/	17.12	/	/	<=23	Pass
		Inner_Full	16.68	/	/	17.18	/	/	<=23	Pass
		Inner_1RB_Left	16.80	/	/	17.30	/	/	<=23	Pass
		Inner_1RB_Right	16.71	/	/	17.21	/	/	<=23	Pass
	3690	Edge_1RB_Left	16.81	/	/	17.31	/	/	<=23	Pass
		Edge_1RB_Right	16.75	/	/	17.25	/	/	<=23	Pass

		Outer_Full	16.84	/	/	17.34	/	/	<=23	Pass
		Inner_Full	16.84	/	/	17.34	/	/	<=23	Pass
		Inner_1RB_Left	16.88	/	/	17.38	/	/	<=23	Pass
		Inner_1RB_Right	16.87	/	/	17.37	/	/	<=23	Pass
CP-OFDM QPSK	3560.01	Edge_1RB_Left	17.75	/	/	18.25	/	/	<=23	Pass
		Edge_1RB_Right	18.04	/	/	18.54	/	/	<=23	Pass
		Outer_Full	17.81	/	/	18.31	/	/	<=23	Pass
		Inner_Full	19.32	/	/	19.82	/	/	<=23	Pass
		Inner_1RB_Left	17.71	/	/	18.21	/	/	<=23	Pass
		Inner_1RB_Right	19.48	/	/	19.98	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	18.25	/	/	18.75	/	/	<=23	Pass
		Edge_1RB_Right	18.12	/	/	18.62	/	/	<=23	Pass
		Outer_Full	18.12	/	/	18.62	/	/	<=23	Pass
		Inner_Full	19.66	/	/	20.16	/	/	<=23	Pass
		Inner_1RB_Left	19.78	/	/	20.28	/	/	<=23	Pass
		Inner_1RB_Right	19.62	/	/	20.12	/	/	<=23	Pass
	3690	Edge_1RB_Left	18.37	/	/	18.87	/	/	<=23	Pass
		Edge_1RB_Right	18.36	/	/	18.86	/	/	<=23	Pass
		Outer_Full	18.31	/	/	18.81	/	/	<=23	Pass
		Inner_Full	19.82	/	/	20.32	/	/	<=23	Pass
		Inner_1RB_Left	19.89	/	/	20.39	/	/	<=23	Pass
		Inner_1RB_Right	18.28	/	/	18.78	/	/	<=23	Pass
CP-OFDM 64 QAM	3560.01	Edge_1RB_Left	17.25	/	/	17.75	/	/	<=23	Pass
		Edge_1RB_Right	17.61	/	/	18.11	/	/	<=23	Pass
		Outer_Full	17.34	/	/	17.84	/	/	<=23	Pass
		Inner_Full	17.34	/	/	17.84	/	/	<=23	Pass
		Inner_1RB_Left	17.34	/	/	17.84	/	/	<=23	Pass
		Inner_1RB_Right	17.55	/	/	18.05	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	17.71	/	/	18.21	/	/	<=23	Pass
		Edge_1RB_Right	17.75	/	/	18.25	/	/	<=23	Pass
		Outer_Full	17.69	/	/	18.19	/	/	<=23	Pass
		Inner_Full	17.67	/	/	18.17	/	/	<=23	Pass
		Inner_1RB_Left	17.83	/	/	18.33	/	/	<=23	Pass
		Inner_1RB_Right	17.72	/	/	18.22	/	/	<=23	Pass
	3690	Edge_1RB_Left	18.05	/	/	18.55	/	/	<=23	Pass
		Edge_1RB_Right	17.85	/	/	18.35	/	/	<=23	Pass
		Outer_Full	17.87	/	/	18.37	/	/	<=23	Pass
		Inner_Full	17.86	/	/	18.36	/	/	<=23	Pass
		Inner_1RB_Left	17.89	/	/	18.39	/	/	<=23	Pass
		Inner_1RB_Right	17.78	/	/	18.28	/	/	<=23	Pass
CP-OFDM 256 QAM	3560.01	Edge_1RB_Left	14.18	/	/	14.68	/	/	<=23	Pass
		Edge_1RB_Right	14.59	/	/	15.09	/	/	<=23	Pass
		Outer_Full	14.30	/	/	14.80	/	/	<=23	Pass
		Inner_Full	14.28	/	/	14.78	/	/	<=23	Pass
		Inner_1RB_Left	14.36	/	/	14.86	/	/	<=23	Pass
		Inner_1RB_Right	14.68	/	/	15.18	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	14.73	/	/	15.23	/	/	<=23	Pass
		Edge_1RB_Right	14.60	/	/	15.10	/	/	<=23	Pass
		Outer_Full	14.63	/	/	15.13	/	/	<=23	Pass
		Inner_Full	14.58	/	/	15.08	/	/	<=23	Pass
		Inner_1RB_Left	14.72	/	/	15.22	/	/	<=23	Pass
		Inner_1RB_Right	14.54	/	/	15.04	/	/	<=23	Pass
	3690	Edge_1RB_Left	14.98	/	/	15.48	/	/	<=23	Pass
		Edge_1RB_Right	14.96	/	/	15.46	/	/	<=23	Pass
		Outer_Full	14.86	/	/	15.36	/	/	<=23	Pass
		Inner_Full	14.85	/	/	15.35	/	/	<=23	Pass
		Inner_1RB_Left	15.05	/	/	15.55	/	/	<=23	Pass
		Inner_1RB_Right	14.93	/	/	15.43	/	/	<=23	Pass
Note1: Antenna Gain: Ant5: 0.50dBi: Ant2: 0.50dBi:										

Note2: EIRP=Conducted Power+Antenna Gain

1.4 30k_SISO_20MHz_NTNV_EIRP/10MHz

1.4.1 Test Result

5G NR n48 SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3560.01	Edge_1RB_Left	19.06	/	/	19.56	/	/	<=23	Pass
		Edge_1RB_Right	20.15	/	/	20.65	/	/	<=23	Pass
		Outer_Full	15.57	/	/	16.07	/	/	<=23	Pass
		Inner_Full	20.97	/	/	21.47	/	/	<=23	Pass
		Inner_1RB_Left	18.26	/	/	18.76	/	/	<=23	Pass
		Inner_1RB_Right	20.69	/	/	21.19	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	19.43	/	/	19.93	/	/	<=23	Pass
		Edge_1RB_Right	19.58	/	/	20.08	/	/	<=23	Pass
		Outer_Full	17.56	/	/	18.06	/	/	<=23	Pass
		Inner_Full	20.13	/	/	20.63	/	/	<=23	Pass
		Inner_1RB_Left	20.84	/	/	21.34	/	/	<=23	Pass
		Inner_1RB_Right	17.96	/	/	18.46	/	/	<=23	Pass
	3690	Edge_1RB_Left	20.55	/	/	21.05	/	/	<=23	Pass
		Edge_1RB_Right	16.99	/	/	17.49	/	/	<=23	Pass
		Outer_Full	16.02	/	/	16.52	/	/	<=23	Pass
		Inner_Full	19.50	/	/	20.00	/	/	<=23	Pass
		Inner_1RB_Left	19.14	/	/	19.64	/	/	<=23	Pass
		Inner_1RB_Right	17.77	/	/	18.27	/	/	<=23	Pass
DFT-s-OFDM QPSK	3560.01	Edge_1RB_Left	17.99	/	/	18.49	/	/	<=23	Pass
		Edge_1RB_Right	19.76	/	/	20.26	/	/	<=23	Pass
		Outer_Full	15.22	/	/	15.72	/	/	<=23	Pass
		Inner_Full	20.77	/	/	21.27	/	/	<=23	Pass
		Inner_1RB_Left	18.02	/	/	18.52	/	/	<=23	Pass
		Inner_1RB_Right	21.14	/	/	21.64	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	19.72	/	/	20.22	/	/	<=23	Pass
		Edge_1RB_Right	19.15	/	/	19.65	/	/	<=23	Pass
		Outer_Full	16.16	/	/	16.66	/	/	<=23	Pass
		Inner_Full	20.32	/	/	20.82	/	/	<=23	Pass
		Inner_1RB_Left	20.59	/	/	21.09	/	/	<=23	Pass
		Inner_1RB_Right	20.57	/	/	21.07	/	/	<=23	Pass
	3690	Edge_1RB_Left	18.77	/	/	19.27	/	/	<=23	Pass
		Edge_1RB_Right	18.40	/	/	18.90	/	/	<=23	Pass
		Outer_Full	15.10	/	/	15.60	/	/	<=23	Pass
		Inner_Full	20.98	/	/	21.48	/	/	<=23	Pass
		Inner_1RB_Left	20.89	/	/	21.39	/	/	<=23	Pass
		Inner_1RB_Right	16.66	/	/	17.16	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3560.01	Edge_1RB_Left	18.03	/	/	18.53	/	/	<=23	Pass
		Edge_1RB_Right	17.72	/	/	18.22	/	/	<=23	Pass
		Outer_Full	15.46	/	/	15.96	/	/	<=23	Pass
		Inner_Full	17.96	/	/	18.46	/	/	<=23	Pass
		Inner_1RB_Left	17.97	/	/	18.47	/	/	<=23	Pass
		Inner_1RB_Right	18.32	/	/	18.82	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	17.91	/	/	18.41	/	/	<=23	Pass
		Edge_1RB_Right	17.75	/	/	18.25	/	/	<=23	Pass
		Outer_Full	14.48	/	/	14.98	/	/	<=23	Pass
		Inner_Full	17.76	/	/	18.26	/	/	<=23	Pass
		Inner_1RB_Left	17.24	/	/	17.74	/	/	<=23	Pass
		Inner_1RB_Right	19.00	/	/	19.50	/	/	<=23	Pass

	3690	Edge 1RB Left	17.99	/	/	18.49	/	/	<=23	Pass
		Edge 1RB Right	18.75	/	/	19.25	/	/	<=23	Pass
		Outer_Full	14.97	/	/	15.47	/	/	<=23	Pass
		Inner_Full	18.52	/	/	19.02	/	/	<=23	Pass
		Inner 1RB Left	18.38	/	/	18.88	/	/	<=23	Pass
		Inner 1RB Right	17.77	/	/	18.27	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3560.01	Edge 1RB Left	16.69	/	/	17.19	/	/	<=23	Pass
		Edge 1RB Right	16.53	/	/	17.03	/	/	<=23	Pass
		Outer_Full	13.80	/	/	14.30	/	/	<=23	Pass
		Inner_Full	15.78	/	/	16.28	/	/	<=23	Pass
		Inner 1RB Left	16.22	/	/	16.72	/	/	<=23	Pass
		Inner 1RB Right	15.38	/	/	15.88	/	/	<=23	Pass
	3624.99	Edge 1RB Left	16.56	/	/	17.06	/	/	<=23	Pass
		Edge 1RB Right	15.58	/	/	16.08	/	/	<=23	Pass
		Outer_Full	13.16	/	/	13.66	/	/	<=23	Pass
		Inner_Full	14.94	/	/	15.44	/	/	<=23	Pass
		Inner 1RB Left	15.99	/	/	16.49	/	/	<=23	Pass
		Inner 1RB Right	15.72	/	/	16.22	/	/	<=23	Pass
	3690	Edge 1RB Left	16.05	/	/	16.55	/	/	<=23	Pass
		Edge 1RB Right	16.33	/	/	16.83	/	/	<=23	Pass
		Outer_Full	13.54	/	/	14.04	/	/	<=23	Pass
		Inner_Full	16.83	/	/	17.33	/	/	<=23	Pass
		Inner 1RB Left	16.30	/	/	16.80	/	/	<=23	Pass
		Inner 1RB Right	16.51	/	/	17.01	/	/	<=23	Pass
CP-OFDM QPSK	3560.01	Edge 1RB Left	17.68	/	/	18.18	/	/	<=23	Pass
		Edge 1RB Right	17.05	/	/	17.55	/	/	<=23	Pass
		Outer_Full	15.30	/	/	15.80	/	/	<=23	Pass
		Inner_Full	19.76	/	/	20.26	/	/	<=23	Pass
		Inner 1RB Left	18.50	/	/	19.00	/	/	<=23	Pass
		Inner 1RB Right	19.82	/	/	20.32	/	/	<=23	Pass
	3624.99	Edge 1RB Left	15.09	/	/	15.59	/	/	<=23	Pass
		Edge 1RB Right	18.14	/	/	18.64	/	/	<=23	Pass
		Outer_Full	14.76	/	/	15.26	/	/	<=23	Pass
		Inner_Full	19.74	/	/	20.24	/	/	<=23	Pass
		Inner 1RB Left	18.32	/	/	18.82	/	/	<=23	Pass
		Inner 1RB Right	18.62	/	/	19.12	/	/	<=23	Pass
	3690	Edge 1RB Left	17.27	/	/	17.77	/	/	<=23	Pass
		Edge 1RB Right	18.41	/	/	18.91	/	/	<=23	Pass
		Outer_Full	14.94	/	/	15.44	/	/	<=23	Pass
		Inner_Full	19.46	/	/	19.96	/	/	<=23	Pass
		Inner 1RB Left	19.55	/	/	20.05	/	/	<=23	Pass
		Inner 1RB Right	18.23	/	/	18.73	/	/	<=23	Pass
CP-OFDM 64 QAM	3560.01	Edge 1RB Left	17.81	/	/	18.31	/	/	<=23	Pass
		Edge 1RB Right	17.27	/	/	17.77	/	/	<=23	Pass
		Outer_Full	14.89	/	/	15.39	/	/	<=23	Pass
		Inner_Full	18.04	/	/	18.54	/	/	<=23	Pass
		Inner 1RB Left	17.26	/	/	17.76	/	/	<=23	Pass
		Inner 1RB Right	16.37	/	/	16.87	/	/	<=23	Pass
	3624.99	Edge 1RB Left	17.16	/	/	17.66	/	/	<=23	Pass
		Edge 1RB Right	17.77	/	/	18.27	/	/	<=23	Pass
		Outer_Full	13.63	/	/	14.13	/	/	<=23	Pass
		Inner_Full	16.73	/	/	17.23	/	/	<=23	Pass
		Inner 1RB Left	16.94	/	/	17.44	/	/	<=23	Pass
		Inner 1RB Right	16.13	/	/	16.63	/	/	<=23	Pass
	3690	Edge 1RB Left	17.04	/	/	17.54	/	/	<=23	Pass
		Edge 1RB Right	17.68	/	/	18.18	/	/	<=23	Pass
		Outer_Full	15.25	/	/	15.75	/	/	<=23	Pass
		Inner_Full	15.99	/	/	16.49	/	/	<=23	Pass
		Inner 1RB Left	16.96	/	/	17.46	/	/	<=23	Pass

		Inner_1RB_Right	17.97	/	/	18.47	/	/	<=23	Pass
CP-OFDM 256 QAM	3560.01	Edge_1RB_Left	14.80	/	/	15.30	/	/	<=23	Pass
		Edge_1RB_Right	14.20	/	/	14.70	/	/	<=23	Pass
		Outer_Full	11.40	/	/	11.90	/	/	<=23	Pass
		Inner_Full	14.64	/	/	15.14	/	/	<=23	Pass
		Inner_1RB_Left	14.83	/	/	15.33	/	/	<=23	Pass
		Inner_1RB_Right	13.56	/	/	14.06	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	13.34	/	/	13.84	/	/	<=23	Pass
		Edge_1RB_Right	12.60	/	/	13.10	/	/	<=23	Pass
		Outer_Full	11.19	/	/	11.69	/	/	<=23	Pass
		Inner_Full	13.72	/	/	14.22	/	/	<=23	Pass
		Inner_1RB_Left	13.00	/	/	13.50	/	/	<=23	Pass
		Inner_1RB_Right	13.82	/	/	14.32	/	/	<=23	Pass
	3690	Edge_1RB_Left	14.58	/	/	15.08	/	/	<=23	Pass
		Edge_1RB_Right	15.72	/	/	16.22	/	/	<=23	Pass
		Outer_Full	11.65	/	/	12.15	/	/	<=23	Pass
		Inner_Full	14.32	/	/	14.82	/	/	<=23	Pass
		Inner_1RB_Left	15.36	/	/	15.86	/	/	<=23	Pass
		Inner_1RB_Right	13.68	/	/	14.18	/	/	<=23	Pass
Note1: Antenna Gain: Ant5: 0.50dBi; Ant2: 0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.5 30k_SISO_40MHz_NTNV_EIRP

1.5.1 Test Result

5G NR n48 SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3570	Edge_1RB_Left	18.66	/	/	19.16	/	/	<=23	Pass
		Edge_1RB_Right	18.17	/	/	18.67	/	/	<=23	Pass
		Outer_Full	18.29	/	/	18.79	/	/	<=23	Pass
		Inner_Full	18.32	/	/	18.82	/	/	<=23	Pass
		Inner_1RB_Left	18.16	/	/	18.66	/	/	<=23	Pass
		Inner_1RB_Right	18.14	/	/	18.64	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	18.54	/	/	19.04	/	/	<=23	Pass
		Edge_1RB_Right	18.20	/	/	18.70	/	/	<=23	Pass
		Outer_Full	18.03	/	/	18.53	/	/	<=23	Pass
		Inner_Full	18.92	/	/	19.42	/	/	<=23	Pass
		Inner_1RB_Left	18.52	/	/	19.02	/	/	<=23	Pass
		Inner_1RB_Right	18.21	/	/	18.71	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	18.14	/	/	18.64	/	/	<=23	Pass
		Edge_1RB_Right	18.94	/	/	19.44	/	/	<=23	Pass
		Outer_Full	18.63	/	/	19.13	/	/	<=23	Pass
		Inner_Full	18.65	/	/	19.15	/	/	<=23	Pass
		Inner_1RB_Left	18.11	/	/	18.61	/	/	<=23	Pass
		Inner_1RB_Right	18.80	/	/	19.30	/	/	<=23	Pass
DFT-s-OFDM QPSK	3570	Edge_1RB_Left	18.07	/	/	18.57	/	/	<=23	Pass
		Edge_1RB_Right	18.12	/	/	18.62	/	/	<=23	Pass
		Outer_Full	18.26	/	/	18.76	/	/	<=23	Pass
		Inner_Full	18.29	/	/	18.79	/	/	<=23	Pass
		Inner_1RB_Left	18.05	/	/	18.55	/	/	<=23	Pass
		Inner_1RB_Right	18.10	/	/	18.60	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	18.56	/	/	19.06	/	/	<=23	Pass
		Edge_1RB_Right	18.21	/	/	18.71	/	/	<=23	Pass
		Outer_Full	18.02	/	/	18.52	/	/	<=23	Pass

		Inner_1RB_Left	18.47	/	/	18.97	/	/	<=23	Pass
		Inner_1RB_Right	18.27	/	/	18.77	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	18.15	/	/	18.65	/	/	<=23	Pass
		Edge_1RB_Right	18.72	/	/	19.22	/	/	<=23	Pass
		Outer_Full	18.55	/	/	19.05	/	/	<=23	Pass
		Inner_Full	18.71	/	/	19.21	/	/	<=23	Pass
		Inner_1RB_Left	18.22	/	/	18.72	/	/	<=23	Pass
		Inner_1RB_Right	18.75	/	/	19.25	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3570	Edge_1RB_Left	18.02	/	/	18.52	/	/	<=23	Pass
		Edge_1RB_Right	18.13	/	/	18.63	/	/	<=23	Pass
		Outer_Full	18.17	/	/	18.67	/	/	<=23	Pass
		Inner_Full	18.20	/	/	18.70	/	/	<=23	Pass
		Inner_1RB_Left	18.03	/	/	18.53	/	/	<=23	Pass
		Inner_1RB_Right	18.07	/	/	18.57	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	18.48	/	/	18.98	/	/	<=23	Pass
		Edge_1RB_Right	18.03	/	/	18.53	/	/	<=23	Pass
		Outer_Full	16.97	/	/	17.47	/	/	<=23	Pass
		Inner_Full	18.97	/	/	19.47	/	/	<=23	Pass
		Inner_1RB_Left	18.58	/	/	19.08	/	/	<=23	Pass
		Inner_1RB_Right	18.18	/	/	18.68	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	18.13	/	/	18.63	/	/	<=23	Pass
		Edge_1RB_Right	18.76	/	/	19.26	/	/	<=23	Pass
		Outer_Full	18.59	/	/	19.09	/	/	<=23	Pass
		Inner_Full	18.58	/	/	19.08	/	/	<=23	Pass
		Inner_1RB_Left	18.03	/	/	18.53	/	/	<=23	Pass
		Inner_1RB_Right	18.69	/	/	19.19	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3570	Edge_1RB_Left	16.55	/	/	17.05	/	/	<=23	Pass
		Edge_1RB_Right	16.69	/	/	17.19	/	/	<=23	Pass
		Outer_Full	16.67	/	/	17.17	/	/	<=23	Pass
		Inner_Full	16.72	/	/	17.22	/	/	<=23	Pass
		Inner_1RB_Left	16.71	/	/	17.21	/	/	<=23	Pass
		Inner_1RB_Right	16.61	/	/	17.11	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	17.19	/	/	17.69	/	/	<=23	Pass
		Edge_1RB_Right	16.67	/	/	17.17	/	/	<=23	Pass
		Outer_Full	16.96	/	/	17.46	/	/	<=23	Pass
		Inner_Full	16.87	/	/	17.37	/	/	<=23	Pass
		Inner_1RB_Left	17.19	/	/	17.69	/	/	<=23	Pass
		Inner_1RB_Right	16.82	/	/	17.32	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	16.64	/	/	17.14	/	/	<=23	Pass
		Edge_1RB_Right	17.24	/	/	17.74	/	/	<=23	Pass
		Outer_Full	17.12	/	/	17.62	/	/	<=23	Pass
		Inner_Full	17.16	/	/	17.66	/	/	<=23	Pass
		Inner_1RB_Left	16.62	/	/	17.12	/	/	<=23	Pass
		Inner_1RB_Right	17.29	/	/	17.79	/	/	<=23	Pass
CP-OFDM QPSK	3570	Edge_1RB_Left	18.02	/	/	18.52	/	/	<=23	Pass
		Edge_1RB_Right	18.03	/	/	18.53	/	/	<=23	Pass
		Outer_Full	18.25	/	/	18.75	/	/	<=23	Pass
		Inner_Full	18.25	/	/	18.75	/	/	<=23	Pass
		Inner_1RB_Left	18.07	/	/	18.57	/	/	<=23	Pass
		Inner_1RB_Right	18.07	/	/	18.57	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	18.57	/	/	19.07	/	/	<=23	Pass
		Edge_1RB_Right	18.19	/	/	18.69	/	/	<=23	Pass
		Outer_Full	16.91	/	/	17.41	/	/	<=23	Pass
		Inner_Full	19.94	/	/	20.44	/	/	<=23	Pass
		Inner_1RB_Left	18.57	/	/	19.07	/	/	<=23	Pass
		Inner_1RB_Right	18.18	/	/	18.68	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	18.14	/	/	18.64	/	/	<=23	Pass
		Edge_1RB_Right	18.70	/	/	19.20	/	/	<=23	Pass
		Outer_Full	18.64	/	/	19.14	/	/	<=23	Pass

		Inner_Full	18.58	/	/	19.08	/	/	<=23	Pass
		Inner_1RB_Left	18.11	/	/	18.61	/	/	<=23	Pass
		Inner_1RB_Right	18.87	/	/	19.37	/	/	<=23	Pass
CP-OFDM 64 QAM	3570	Edge_1RB_Left	17.40	/	/	17.90	/	/	<=23	Pass
		Edge_1RB_Right	17.52	/	/	18.02	/	/	<=23	Pass
		Outer_Full	17.87	/	/	18.37	/	/	<=23	Pass
		Inner_Full	17.72	/	/	18.22	/	/	<=23	Pass
		Inner_1RB_Left	17.73	/	/	18.23	/	/	<=23	Pass
		Inner_1RB_Right	17.68	/	/	18.18	/	/	<=23	Pass
		Edge_1RB_Left	18.02	/	/	18.52	/	/	<=23	Pass
	3624.99	Edge_1RB_Right	17.88	/	/	18.38	/	/	<=23	Pass
		Outer_Full	17.07	/	/	17.57	/	/	<=23	Pass
		Inner_Full	17.95	/	/	18.45	/	/	<=23	Pass
		Inner_1RB_Left	18.11	/	/	18.61	/	/	<=23	Pass
		Inner_1RB_Right	17.90	/	/	18.40	/	/	<=23	Pass
		Edge_1RB_Left	17.60	/	/	18.10	/	/	<=23	Pass
	3679.98	Edge_1RB_Right	18.38	/	/	18.88	/	/	<=23	Pass
		Outer_Full	18.10	/	/	18.60	/	/	<=23	Pass
		Inner_Full	18.11	/	/	18.61	/	/	<=23	Pass
		Inner_1RB_Left	17.82	/	/	18.32	/	/	<=23	Pass
		Inner_1RB_Right	18.29	/	/	18.79	/	/	<=23	Pass
Edge_1RB_Left		14.74	/	/	15.24	/	/	<=23	Pass	
CP-OFDM 256 QAM	3570	Edge_1RB_Right	14.71	/	/	15.21	/	/	<=23	Pass
		Outer_Full	14.71	/	/	15.21	/	/	<=23	Pass
		Inner_Full	14.80	/	/	15.30	/	/	<=23	Pass
		Inner_1RB_Left	14.60	/	/	15.10	/	/	<=23	Pass
		Inner_1RB_Right	14.84	/	/	15.34	/	/	<=23	Pass
		Edge_1RB_Left	15.03	/	/	15.53	/	/	<=23	Pass
	3624.99	Edge_1RB_Right	14.76	/	/	15.26	/	/	<=23	Pass
		Outer_Full	14.94	/	/	15.44	/	/	<=23	Pass
		Inner_Full	14.99	/	/	15.49	/	/	<=23	Pass
		Inner_1RB_Left	15.12	/	/	15.62	/	/	<=23	Pass
		Inner_1RB_Right	14.76	/	/	15.26	/	/	<=23	Pass
		Edge_1RB_Left	14.82	/	/	15.32	/	/	<=23	Pass
	3679.98	Edge_1RB_Right	15.20	/	/	15.70	/	/	<=23	Pass
		Outer_Full	15.15	/	/	15.65	/	/	<=23	Pass
		Inner_Full	15.18	/	/	15.68	/	/	<=23	Pass
		Inner_1RB_Left	14.59	/	/	15.09	/	/	<=23	Pass
		Inner_1RB_Right	15.49	/	/	15.99	/	/	<=23	Pass
		Note1: Antenna Gain: Ant5: 0.50dBi; Ant2: 0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain								

1.6 30k_SISO_40MHz_NTNV_EIRP/10MHz

1.6.1 Test Result

5G NR n48 SCS=30kHz SISO 40MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3570	Edge_1RB_Left	19.48	/	/	19.98	/	/	<=23	Pass
		Edge_1RB_Right	17.59	/	/	18.09	/	/	<=23	Pass
		Outer_Full	13.85	/	/	14.35	/	/	<=23	Pass
		Inner_Full	16.23	/	/	16.73	/	/	<=23	Pass
		Inner_1RB_Left	19.69	/	/	20.19	/	/	<=23	Pass
		Inner_1RB_Right	18.43	/	/	18.93	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	18.37	/	/	18.87	/	/	<=23	Pass
		Edge_1RB_Right	18.47	/	/	18.97	/	/	<=23	Pass

		Outer_Full	10.92	/	/	11.42	/	/	<=23	Pass
		Inner_Full	18.66	/	/	19.16	/	/	<=23	Pass
		Inner_1RB_Left	17.66	/	/	18.16	/	/	<=23	Pass
		Inner_1RB_Right	17.87	/	/	18.37	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	18.59	/	/	19.09	/	/	<=23	Pass
		Edge_1RB_Right	17.94	/	/	18.44	/	/	<=23	Pass
		Outer_Full	12.75	/	/	13.25	/	/	<=23	Pass
		Inner_Full	15.95	/	/	16.45	/	/	<=23	Pass
		Inner_1RB_Left	19.11	/	/	19.61	/	/	<=23	Pass
		Inner_1RB_Right	18.99	/	/	19.49	/	/	<=23	Pass
		Edge_1RB_Left	19.11	/	/	19.61	/	/	<=23	Pass
		Edge_1RB_Right	18.13	/	/	18.63	/	/	<=23	Pass
DFT-s-OFDM QPSK	3570	Outer_Full	9.67	/	/	10.17	/	/	<=23	Pass
		Inner_Full	15.23	/	/	15.73	/	/	<=23	Pass
		Inner_1RB_Left	19.45	/	/	19.95	/	/	<=23	Pass
		Inner_1RB_Right	18.91	/	/	19.41	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	18.11	/	/	18.61	/	/	<=23	Pass
		Edge_1RB_Right	18.17	/	/	18.67	/	/	<=23	Pass
		Outer_Full	12.05	/	/	12.55	/	/	<=23	Pass
		Inner_Full	18.77	/	/	19.27	/	/	<=23	Pass
		Inner_1RB_Left	17.56	/	/	18.06	/	/	<=23	Pass
		Inner_1RB_Right	17.80	/	/	18.30	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	19.38	/	/	19.88	/	/	<=23	Pass
		Edge_1RB_Right	18.74	/	/	19.24	/	/	<=23	Pass
		Outer_Full	12.04	/	/	12.54	/	/	<=23	Pass
		Inner_Full	16.73	/	/	17.23	/	/	<=23	Pass
		Inner_1RB_Left	18.97	/	/	19.47	/	/	<=23	Pass
		Inner_1RB_Right	19.88	/	/	20.38	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3570	Edge_1RB_Left	18.28	/	/	18.78	/	/	<=23	Pass
		Edge_1RB_Right	19.09	/	/	19.59	/	/	<=23	Pass
		Outer_Full	12.96	/	/	13.46	/	/	<=23	Pass
		Inner_Full	14.38	/	/	14.88	/	/	<=23	Pass
		Inner_1RB_Left	18.41	/	/	18.91	/	/	<=23	Pass
		Inner_1RB_Right	17.96	/	/	18.46	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	17.73	/	/	18.23	/	/	<=23	Pass
		Edge_1RB_Right	17.71	/	/	18.21	/	/	<=23	Pass
		Outer_Full	11.17	/	/	11.67	/	/	<=23	Pass
		Inner_Full	15.57	/	/	16.07	/	/	<=23	Pass
		Inner_1RB_Left	17.77	/	/	18.27	/	/	<=23	Pass
		Inner_1RB_Right	18.43	/	/	18.93	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	19.17	/	/	19.67	/	/	<=23	Pass
		Edge_1RB_Right	18.94	/	/	19.44	/	/	<=23	Pass
		Outer_Full	13.41	/	/	13.91	/	/	<=23	Pass
		Inner_Full	17.31	/	/	17.81	/	/	<=23	Pass
		Inner_1RB_Left	17.43	/	/	17.93	/	/	<=23	Pass
		Inner_1RB_Right	18.59	/	/	19.09	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3570	Edge_1RB_Left	17.06	/	/	17.56	/	/	<=23	Pass
		Edge_1RB_Right	16.95	/	/	17.45	/	/	<=23	Pass
		Outer_Full	11.56	/	/	12.06	/	/	<=23	Pass
		Inner_Full	14.21	/	/	14.71	/	/	<=23	Pass
		Inner_1RB_Left	16.83	/	/	17.33	/	/	<=23	Pass
		Inner_1RB_Right	17.03	/	/	17.53	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	15.84	/	/	16.34	/	/	<=23	Pass
		Edge_1RB_Right	15.95	/	/	16.45	/	/	<=23	Pass
		Outer_Full	9.87	/	/	10.37	/	/	<=23	Pass
		Inner_Full	13.57	/	/	14.07	/	/	<=23	Pass
		Inner_1RB_Left	16.80	/	/	17.30	/	/	<=23	Pass
		Inner_1RB_Right	16.22	/	/	16.72	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	16.75	/	/	17.25	/	/	<=23	Pass

		Edge_1RB_Right	17.48	/	/	17.98	/	/	<=23	Pass
		Outer_Full	11.23	/	/	11.73	/	/	<=23	Pass
		Inner_Full	14.66	/	/	15.16	/	/	<=23	Pass
		Inner_1RB_Left	17.25	/	/	17.75	/	/	<=23	Pass
		Inner_1RB_Right	16.27	/	/	16.77	/	/	<=23	Pass
CP-OFDM QPSK	3570	Edge_1RB_Left	19.27	/	/	19.77	/	/	<=23	Pass
		Edge_1RB_Right	18.80	/	/	19.30	/	/	<=23	Pass
		Outer_Full	11.18	/	/	11.68	/	/	<=23	Pass
		Inner_Full	15.16	/	/	15.66	/	/	<=23	Pass
		Inner_1RB_Left	18.94	/	/	19.44	/	/	<=23	Pass
	3624.99	Inner_1RB_Right	17.81	/	/	18.31	/	/	<=23	Pass
		Edge_1RB_Left	18.52	/	/	19.02	/	/	<=23	Pass
		Edge_1RB_Right	18.08	/	/	18.58	/	/	<=23	Pass
		Outer_Full	10.61	/	/	11.11	/	/	<=23	Pass
		Inner_Full	16.98	/	/	17.48	/	/	<=23	Pass
	3679.98	Inner_1RB_Left	18.41	/	/	18.91	/	/	<=23	Pass
		Inner_1RB_Right	17.88	/	/	18.38	/	/	<=23	Pass
		Edge_1RB_Left	18.65	/	/	19.15	/	/	<=23	Pass
		Edge_1RB_Right	19.08	/	/	19.58	/	/	<=23	Pass
		Outer_Full	10.63	/	/	11.13	/	/	<=23	Pass
CP-OFDM 64 QAM	3570	Inner_Full	15.16	/	/	15.66	/	/	<=23	Pass
		Inner_1RB_Left	18.75	/	/	19.25	/	/	<=23	Pass
		Inner_1RB_Right	18.39	/	/	18.89	/	/	<=23	Pass
		Edge_1RB_Left	17.77	/	/	18.27	/	/	<=23	Pass
		Edge_1RB_Right	17.66	/	/	18.16	/	/	<=23	Pass
	3624.99	Outer_Full	12.61	/	/	13.11	/	/	<=23	Pass
		Inner_Full	14.13	/	/	14.63	/	/	<=23	Pass
		Inner_1RB_Left	19.50	/	/	20.00	/	/	<=23	Pass
		Inner_1RB_Right	18.05	/	/	18.55	/	/	<=23	Pass
		Edge_1RB_Left	16.77	/	/	17.27	/	/	<=23	Pass
	3679.98	Edge_1RB_Right	17.74	/	/	18.24	/	/	<=23	Pass
		Outer_Full	9.79	/	/	10.29	/	/	<=23	Pass
		Inner_Full	14.18	/	/	14.68	/	/	<=23	Pass
		Inner_1RB_Left	17.10	/	/	17.60	/	/	<=23	Pass
		Inner_1RB_Right	16.52	/	/	17.02	/	/	<=23	Pass
CP-OFDM 256 QAM	3570	Edge_1RB_Left	18.35	/	/	18.85	/	/	<=23	Pass
		Edge_1RB_Right	17.59	/	/	18.09	/	/	<=23	Pass
		Outer_Full	13.22	/	/	13.72	/	/	<=23	Pass
		Inner_Full	15.18	/	/	15.68	/	/	<=23	Pass
		Inner_1RB_Left	19.57	/	/	20.07	/	/	<=23	Pass
	3624.99	Inner_1RB_Right	19.39	/	/	19.89	/	/	<=23	Pass
		Edge_1RB_Left	15.10	/	/	15.60	/	/	<=23	Pass
		Edge_1RB_Right	14.69	/	/	15.19	/	/	<=23	Pass
		Outer_Full	9.46	/	/	9.96	/	/	<=23	Pass
		Inner_Full	11.23	/	/	11.73	/	/	<=23	Pass
	3679.98	Inner_1RB_Left	15.76	/	/	16.26	/	/	<=23	Pass
		Inner_1RB_Right	13.68	/	/	14.18	/	/	<=23	Pass
		Edge_1RB_Left	14.28	/	/	14.78	/	/	<=23	Pass
		Edge_1RB_Right	15.11	/	/	15.61	/	/	<=23	Pass
		Outer_Full	8.15	/	/	8.65	/	/	<=23	Pass
	3570	Inner_Full	12.19	/	/	12.69	/	/	<=23	Pass
		Inner_1RB_Left	15.47	/	/	15.97	/	/	<=23	Pass
		Inner_1RB_Right	13.96	/	/	14.46	/	/	<=23	Pass
		Edge_1RB_Left	14.57	/	/	15.07	/	/	<=23	Pass
		Edge_1RB_Right	15.77	/	/	16.27	/	/	<=23	Pass
	3624.99	Outer_Full	9.49	/	/	9.99	/	/	<=23	Pass
		Inner_Full	11.51	/	/	12.01	/	/	<=23	Pass
		Inner_1RB_Left	14.59	/	/	15.09	/	/	<=23	Pass
		Inner_1RB_Right	14.98	/	/	15.48	/	/	<=23	Pass
		Edge_1RB_Left	14.57	/	/	15.07	/	/	<=23	Pass
	3679.98	Edge_1RB_Right	15.77	/	/	16.27	/	/	<=23	Pass
		Outer_Full	9.49	/	/	9.99	/	/	<=23	Pass
		Inner_Full	11.51	/	/	12.01	/	/	<=23	Pass
		Inner_1RB_Left	14.59	/	/	15.09	/	/	<=23	Pass
		Inner_1RB_Right	14.98	/	/	15.48	/	/	<=23	Pass

Note1: Antenna Gain: Ant5: 0.50dBi; Ant2: 0.50dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.7 30k_MIMO_10MHz_NTNV_EIRP

1.7.1 Test Result

5G NR n48 SCS=30kHz MIMO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
CP-OFDM QPSK	3555	Edge 1RB Left	14.71	14.74	17.74	15.21	15.24	18.24	<=23	Pass
		Edge 1RB Right	14.64	14.82	17.74	15.14	15.32	18.24	<=23	Pass
		Outer Full	14.59	14.71	17.66	15.09	15.21	18.16	<=23	Pass
		Inner Full	16.07	16.43	19.26	16.57	16.93	19.76	<=23	Pass
		Inner 1RB Left	16.22	16.37	19.30	16.72	16.87	19.81	<=23	Pass
		Inner 1RB Right	16.09	16.37	19.24	16.59	16.87	19.74	<=23	Pass
	3624.99	Edge 1RB Left	15.21	15.07	18.15	15.71	15.57	18.65	<=23	Pass
		Edge 1RB Right	14.92	14.96	17.95	15.42	15.46	18.45	<=23	Pass
		Outer Full	15.04	14.95	18.00	15.54	15.45	18.51	<=23	Pass
		Inner Full	16.59	16.64	19.62	17.09	17.14	20.13	<=23	Pass
		Inner 1RB Left	16.55	16.55	19.56	17.05	17.05	20.06	<=23	Pass
		Inner 1RB Right	16.42	16.54	19.49	16.92	17.04	19.99	<=23	Pass
	3694.98	Edge 1RB Left	15.28	15.36	18.33	15.78	15.86	18.83	<=23	Pass
		Edge 1RB Right	15.45	15.22	18.35	15.95	15.72	18.85	<=23	Pass
		Outer Full	15.31	15.40	18.37	15.81	15.90	18.87	<=23	Pass
		Inner Full	16.85	16.87	19.87	17.35	17.37	20.37	<=23	Pass
		Inner 1RB Left	16.91	17	19.97	17.41	17.5	20.47	<=23	Pass
		Inner 1RB Right	16.88	16.77	19.84	17.38	17.27	20.34	<=23	Pass
CP-OFDM 64 QAM	3555	Edge 1RB Left	14.06	14.07	17.08	14.56	14.57	17.58	<=23	Pass
		Edge 1RB Right	14.23	14.45	17.35	14.73	14.95	17.85	<=23	Pass
		Outer Full	14.05	14.25	17.16	14.55	14.75	17.66	<=23	Pass
		Inner Full	14.16	14.26	17.22	14.66	14.76	17.72	<=23	Pass
		Inner 1RB Left	13.95	14.24	17.11	14.45	14.74	17.61	<=23	Pass
		Inner 1RB Right	14.15	14.46	17.32	14.65	14.96	17.82	<=23	Pass
	3624.99	Edge 1RB Left	14.47	14.36	17.43	14.97	14.86	17.93	<=23	Pass
		Edge 1RB Right	14.56	14.24	17.42	15.06	14.74	17.91	<=23	Pass
		Outer Full	14.50	14.57	17.55	15.00	15.07	18.05	<=23	Pass
		Inner Full	14.53	14.41	17.48	15.03	14.91	17.98	<=23	Pass
		Inner 1RB Left	14.54	14.39	17.48	15.04	14.89	17.98	<=23	Pass
		Inner 1RB Right	14.38	14.50	17.45	14.88	15.00	17.95	<=23	Pass
	3694.98	Edge 1RB Left	14.77	15.03	17.91	15.27	15.53	18.41	<=23	Pass
		Edge 1RB Right	14.88	14.92	17.91	15.38	15.42	18.41	<=23	Pass
		Outer Full	14.83	14.79	17.82	15.33	15.29	18.32	<=23	Pass
		Inner Full	14.90	14.85	17.88	15.40	15.35	18.39	<=23	Pass
		Inner 1RB Left	14.56	15.09	17.84	15.06	15.59	18.34	<=23	Pass
		Inner 1RB Right	14.97	14.97	17.98	15.47	15.47	18.48	<=23	Pass
CP-OFDM 256 QAM	3555	Edge 1RB Left	11.40	11.29	14.36	11.90	11.79	14.86	<=23	Pass
		Edge 1RB Right	11.14	11.41	14.29	11.64	11.91	14.79	<=23	Pass
		Outer Full	11.15	11.19	14.18	11.65	11.69	14.68	<=23	Pass
		Inner Full	11.06	11.17	14.13	11.56	11.67	14.63	<=23	Pass
		Inner 1RB Left	10.91	11.01	13.97	11.41	11.51	14.47	<=23	Pass
		Inner 1RB Right	11.14	11.34	14.25	11.64	11.84	14.75	<=23	Pass
	3624.99	Edge 1RB Left	11.78	11.42	14.62	12.28	11.92	15.11	<=23	Pass
		Edge 1RB Right	11.51	11.62	14.58	12.01	12.12	15.08	<=23	Pass
		Outer Full	11.56	11.42	14.50	12.06	11.92	15.00	<=23	Pass
		Inner Full	11.61	11.37	14.50	12.11	11.87	15.00	<=23	Pass
		Inner 1RB Left	11.70	11.22	14.48	12.20	11.72	14.98	<=23	Pass

		Inner 1RB Right	11.46	11.58	14.53	11.96	12.08	15.03	<=23	Pass
	3694.98	Edge 1RB Left	11.94	12.04	15.00	12.44	12.54	15.50	<=23	Pass
		Edge 1RB Right	11.78	11.89	14.85	12.28	12.39	15.35	<=23	Pass
		Outer Full	11.91	11.88	14.90	12.41	12.38	15.41	<=23	Pass
		Inner Full	11.81	11.96	14.90	12.31	12.46	15.40	<=23	Pass
		Inner 1RB Left	11.88	11.99	14.95	12.38	12.49	15.45	<=23	Pass
		Inner 1RB Right	11.80	11.86	14.84	12.30	12.36	15.34	<=23	Pass
Note1: Antenna Gain: Ant5: 0.50dBi; Ant2: 0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.8 30k_MIMO_10MHz_NTNV_EIRP/10MHz

1.8.1 Test Result

5G NR n48 SCS=30kHz MIMO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
CP-OFDM QPSK	3555	Edge 1RB Left	15.18	15.17	18.19	15.68	15.67	18.69	<=23	Pass
		Edge 1RB Right	15.42	15.01	18.23	15.92	15.51	18.73	<=23	Pass
		Outer Full	15.39	15.20	18.31	15.89	15.70	18.81	<=23	Pass
		Inner Full	16.31	15.49	18.93	16.81	15.99	19.43	<=23	Pass
		Inner 1RB Left	15.21	17.06	19.24	15.71	17.56	19.74	<=23	Pass
		Inner 1RB Right	17.42	16.63	20.05	17.92	17.13	20.55	<=23	Pass
	3624.99	Edge 1RB Left	12.03	14.05	16.17	12.53	14.55	16.67	<=23	Pass
		Edge 1RB Right	13.42	14.36	16.93	13.92	14.86	17.43	<=23	Pass
		Outer Full	14.70	15.25	17.99	15.20	15.75	18.49	<=23	Pass
		Inner Full	16.00	16.58	19.31	16.50	17.08	19.81	<=23	Pass
		Inner 1RB Left	15.39	16.75	19.13	15.89	17.25	19.63	<=23	Pass
		Inner 1RB Right	16.04	16.72	19.40	16.54	17.22	19.90	<=23	Pass
	3694.98	Edge 1RB Left	15.51	14.52	18.05	16.01	15.02	18.55	<=23	Pass
		Edge 1RB Right	13.85	13.75	16.81	14.35	14.25	17.31	<=23	Pass
		Outer Full	15.05	14.71	17.89	15.55	15.21	18.39	<=23	Pass
		Inner Full	16.94	16.07	19.54	17.44	16.57	20.04	<=23	Pass
		Inner 1RB Left	16.33	16.79	19.58	16.83	17.29	20.08	<=23	Pass
		Inner 1RB Right	16.55	16.67	19.62	17.05	17.17	20.12	<=23	Pass
CP-OFDM 64 QAM	3555	Edge 1RB Left	14.85	14.48	17.68	15.35	14.98	18.18	<=23	Pass
		Edge 1RB Right	14.91	14.29	17.62	15.41	14.79	18.12	<=23	Pass
		Outer Full	14.37	14.81	17.61	14.87	15.31	18.11	<=23	Pass
		Inner Full	14.93	13.84	17.43	15.43	14.34	17.93	<=23	Pass
		Inner 1RB Left	14.88	13.50	17.25	15.38	14.00	17.75	<=23	Pass
		Inner 1RB Right	15.55	14.33	17.99	16.05	14.83	18.49	<=23	Pass
	3624.99	Edge 1RB Left	14.08	13.85	16.98	14.58	14.35	17.48	<=23	Pass
		Edge 1RB Right	14.08	14.12	17.11	14.58	14.62	17.61	<=23	Pass
		Outer Full	13.47	14.20	16.86	13.97	14.70	17.36	<=23	Pass
		Inner Full	13.42	14.22	16.85	13.92	14.72	17.35	<=23	Pass
		Inner 1RB Left	13.25	14.14	16.73	13.75	14.64	17.23	<=23	Pass
		Inner 1RB Right	14.04	14.88	17.49	14.54	15.38	17.99	<=23	Pass
	3694.98	Edge 1RB Left	14.98	15.27	18.14	15.48	15.77	18.64	<=23	Pass
		Edge 1RB Right	15.13	14.78	17.97	15.63	15.28	18.47	<=23	Pass
		Outer Full	14.62	14.22	17.43	15.12	14.72	17.93	<=23	Pass
		Inner Full	14.51	15.07	17.81	15.01	15.57	18.31	<=23	Pass
		Inner 1RB Left	14.45	14.86	17.67	14.95	15.36	18.17	<=23	Pass
		Inner 1RB Right	14.99	14.43	17.73	15.49	14.93	18.23	<=23	Pass
CP-OFDM 256 QAM	3555	Edge 1RB Left	11.83	11.40	14.63	12.33	11.90	15.13	<=23	Pass
		Edge 1RB Right	10.73	10.89	13.82	11.23	11.39	14.32	<=23	Pass
		Outer Full	10.73	11.23	14.00	11.23	11.73	14.50	<=23	Pass
		Inner Full	11.25	10.62	13.96	11.75	11.12	14.46	<=23	Pass

		Inner 1RB Left	12.89	11.91	15.44	13.39	12.41	15.94	<=23	Pass
		Inner 1RB Right	11.91	11.33	14.64	12.41	11.83	15.14	<=23	Pass
	3624.99	Edge 1RB Left	10.86	10.70	13.79	11.36	11.20	14.29	<=23	Pass
		Edge 1RB Right	10.81	10.86	13.85	11.31	11.36	14.35	<=23	Pass
		Outer Full	10.76	11.27	14.03	11.26	11.77	14.53	<=23	Pass
		Inner Full	10.90	10.71	13.82	11.40	11.21	14.32	<=23	Pass
		Inner 1RB Left	10.86	11.56	14.23	11.36	12.06	14.73	<=23	Pass
		Inner 1RB Right	10.99	9.33	13.25	11.49	9.83	13.75	<=23	Pass
	3694.98	Edge 1RB Left	11.88	11.59	14.75	12.38	12.09	15.25	<=23	Pass
		Edge 1RB Right	11.61	10.89	14.28	12.11	11.39	14.78	<=23	Pass
		Outer Full	11.67	11.50	14.60	12.17	12.00	15.10	<=23	Pass
		Inner Full	11.88	11.32	14.62	12.38	11.82	15.12	<=23	Pass
		Inner 1RB Left	11.39	11.21	14.31	11.89	11.71	14.81	<=23	Pass
		Inner 1RB Right	11.85	11.64	14.76	12.35	12.14	15.26	<=23	Pass
Note1: Antenna Gain: Ant5: 0.50dBi; Ant2: 0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.9 30k_MIMO_20MHz_NTNV_EIRP

1.9.1 Test Result

5G NR n48 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	3560.01	Edge 1RB Left	14.78	15.06	17.93	15.28	15.56	18.43	<=23	Pass
		Edge 1RB Right	15.31	15.31	18.32	15.81	15.81	18.82	<=23	Pass
		Outer Full	14.82	15.01	17.93	15.32	15.51	18.43	<=23	Pass
		Inner Full	16.31	16.61	19.48	16.81	17.11	19.97	<=23	Pass
		Inner 1RB Left	14.78	14.99	17.90	15.28	15.49	18.40	<=23	Pass
		Inner 1RB Right	16.61	16.57	19.60	17.11	17.07	20.10	<=23	Pass
	3624.99	Edge 1RB Left	15.13	15.33	18.24	15.63	15.83	18.74	<=23	Pass
		Edge 1RB Right	15.59	15.64	18.63	16.09	16.14	19.13	<=23	Pass
		Outer Full	15.19	15.19	18.20	15.69	15.69	18.70	<=23	Pass
		Inner Full	16.65	16.75	19.71	17.15	17.25	20.21	<=23	Pass
		Inner 1RB Left	16.75	16.89	19.83	17.25	17.39	20.33	<=23	Pass
		Inner 1RB Right	16.66	16.88	19.78	17.16	17.38	20.28	<=23	Pass
	3690	Edge 1RB Left	15.22	14.99	18.12	15.72	15.49	18.62	<=23	Pass
		Edge 1RB Right	15.65	15.71	18.69	16.15	16.21	19.19	<=23	Pass
		Outer Full	15.30	15.43	18.38	15.80	15.93	18.88	<=23	Pass
		Inner Full	16.59	16.57	19.59	17.09	17.07	20.09	<=23	Pass
		Inner 1RB Left	16.59	16.68	19.64	17.09	17.18	20.15	<=23	Pass
		Inner 1RB Right	15.16	14.91	18.05	15.66	15.41	18.55	<=23	Pass
CP-OFDM 64 QAM	3560.01	Edge 1RB Left	14.14	14.38	17.27	14.64	14.88	17.77	<=23	Pass
		Edge 1RB Right	14.45	14.37	17.42	14.95	14.87	17.92	<=23	Pass
		Outer Full	14.39	14.45	17.43	14.89	14.95	17.93	<=23	Pass
		Inner Full	14.29	14.58	17.45	14.79	15.08	17.95	<=23	Pass
		Inner 1RB Left	14.26	14.26	17.27	14.76	14.76	17.77	<=23	Pass
		Inner 1RB Right	14.55	14.34	17.46	15.05	14.84	17.96	<=23	Pass
	3624.99	Edge 1RB Left	14.78	14.79	17.79	15.28	15.29	18.30	<=23	Pass
		Edge 1RB Right	14.57	14.87	17.73	15.07	15.37	18.23	<=23	Pass
		Outer Full	14.70	14.64	17.68	15.20	15.14	18.18	<=23	Pass
		Inner Full	14.64	14.59	17.62	15.14	15.09	18.13	<=23	Pass
		Inner 1RB Left	14.78	14.71	17.76	15.28	15.21	18.26	<=23	Pass
		Inner 1RB Right	14.65	14.95	17.81	15.15	15.45	18.31	<=23	Pass
	3690	Edge 1RB Left	14.85	14.52	17.70	15.35	15.02	18.20	<=23	Pass
		Edge 1RB Right	14.83	14.63	17.74	15.33	15.13	18.24	<=23	Pass
		Outer Full	14.66	14.57	17.62	15.16	15.07	18.13	<=23	Pass

		Inner_Full	14.64	14.52	17.59	15.14	15.02	18.09	<=23	Pass
		Inner_1RB_Left	14.78	14.45	17.63	15.28	14.95	18.13	<=23	Pass
		Inner_1RB_Right	14.74	14.43	17.60	15.24	14.93	18.10	<=23	Pass
CP-OFDM 256 QAM	3560.01	Edge_1RB_Left	11.38	11.40	14.40	11.88	11.90	14.90	<=23	Pass
		Edge_1RB_Right	11.48	11.48	14.49	11.98	11.98	14.99	<=23	Pass
		Outer_Full	11.31	11.55	14.44	11.81	12.05	14.94	<=23	Pass
		Inner_Full	11.26	11.50	14.39	11.76	12.00	14.89	<=23	Pass
		Inner_1RB_Left	11.35	11.33	14.35	11.85	11.83	14.85	<=23	Pass
		Inner_1RB_Right	11.58	11.55	14.58	12.08	12.05	15.08	<=23	Pass
		Edge_1RB_Left	11.79	11.67	14.74	12.29	12.17	15.24	<=23	Pass
	3624.99	Edge_1RB_Right	11.71	11.93	14.84	12.21	12.43	15.33	<=23	Pass
		Outer_Full	11.78	11.75	14.77	12.28	12.25	15.28	<=23	Pass
		Inner_Full	11.78	11.70	14.75	12.28	12.20	15.25	<=23	Pass
		Inner_1RB_Left	11.86	11.68	14.78	12.36	12.18	15.28	<=23	Pass
		Inner_1RB_Right	11.70	11.91	14.82	12.20	12.41	15.32	<=23	Pass
	3690	Edge_1RB_Left	11.83	11.52	14.68	12.33	12.02	15.19	<=23	Pass
		Edge_1RB_Right	12.11	11.79	14.96	12.61	12.29	15.46	<=23	Pass
		Outer_Full	11.72	11.53	14.64	12.22	12.03	15.14	<=23	Pass
		Inner_Full	11.64	11.58	14.62	12.14	12.08	15.12	<=23	Pass
		Inner_1RB_Left	11.87	11.58	14.74	12.37	12.08	15.24	<=23	Pass
			Inner_1RB_Right	11.79	11.26	14.54	12.29	11.76	15.04	<=23
Note1: Antenna Gain: Ant5: 0.50dBi; Ant2: 0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.10 30k_MIMO_20MHz_NTNV_EIRP/10MHz

1.10.1 Test Result

5G NR n48 SCS=30kHz MIMO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
CP-OFDM QPSK	3560.01	Edge 1RB Left	14.26	14.28	17.28	14.76	14.78	17.78	<=23	Pass
		Edge 1RB Right	14.05	14.67	17.38	14.55	15.17	17.88	<=23	Pass
		Outer Full	12.26	11.96	15.12	12.76	12.46	15.62	<=23	Pass
		Inner Full	16.78	16.32	19.57	17.28	16.82	20.07	<=23	Pass
		Inner 1RB Left	16.00	15.37	18.71	16.50	15.87	19.21	<=23	Pass
		Inner 1RB Right	16.40	16.79	19.61	16.90	17.29	20.11	<=23	Pass
	3624.99	Edge 1RB Left	15.39	15.54	18.48	15.89	16.04	18.98	<=23	Pass
		Edge 1RB Right	14.39	14.29	17.35	14.89	14.79	17.85	<=23	Pass
		Outer Full	12.82	13.07	15.96	13.32	13.57	16.46	<=23	Pass
		Inner Full	16.91	17.01	19.97	17.41	17.51	20.47	<=23	Pass
		Inner 1RB Left	15.37	16.30	18.87	15.87	16.80	19.37	<=23	Pass
		Inner 1RB Right	16.23	18.41	20.47	16.73	18.91	20.97	<=23	Pass
	3690	Edge 1RB Left	14.18	14.56	17.38	14.68	15.06	17.88	<=23	Pass
		Edge 1RB Right	13.69	15.90	17.94	14.19	16.40	18.44	<=23	Pass
		Outer Full	12.97	12.83	15.91	13.47	13.33	16.41	<=23	Pass
		Inner Full	15.95	16.63	19.31	16.45	17.13	19.81	<=23	Pass
		Inner 1RB Left	16.04	16.33	19.20	16.54	16.83	19.70	<=23	Pass
		Inner 1RB Right	14.66	14.12	17.41	15.16	14.62	17.91	<=23	Pass
CP-OFDM 64 QAM	3560.01	Edge 1RB Left	14.88	13.69	17.34	15.38	14.19	17.84	<=23	Pass
		Edge 1RB Right	14.51	13.56	17.07	15.01	14.06	17.57	<=23	Pass
		Outer Full	11.31	11.93	14.64	11.81	12.43	15.14	<=23	Pass
		Inner Full	14.24	14.37	17.32	14.74	14.87	17.82	<=23	Pass
		Inner 1RB Left	14.09	15.42	17.82	14.59	15.92	18.32	<=23	Pass
		Inner 1RB Right	14.42	14.36	17.40	14.92	14.86	17.90	<=23	Pass
	3624.99	Edge 1RB Left	15.24	15.03	18.15	15.74	15.53	18.65	<=23	Pass
		Edge 1RB Right	14.73	15.10	17.93	15.23	15.60	18.43	<=23	Pass

		Outer_Full	12.22	12.13	15.19	12.72	12.63	15.69	<=23	Pass	
		Inner_Full	13.92	15.25	17.65	14.42	15.75	18.15	<=23	Pass	
		Inner_1RB_Left	15.19	14.62	17.92	15.69	15.12	18.42	<=23	Pass	
		Inner_1RB_Right	13.75	15.44	17.69	14.25	15.94	18.19	<=23	Pass	
	3690	Edge_1RB_Left	12.39	13.34	15.90	12.89	13.84	16.40	<=23	Pass	
		Edge_1RB_Right	15.94	13.09	17.76	16.44	13.59	18.26	<=23	Pass	
		Outer_Full	12.00	10.69	14.40	12.50	11.19	14.90	<=23	Pass	
		Inner_Full	14.69	13.90	17.32	15.19	14.40	17.82	<=23	Pass	
		Inner_1RB_Left	13.19	13.26	16.24	13.69	13.76	16.74	<=23	Pass	
		Inner_1RB_Right	13.42	14.91	17.24	13.92	15.41	17.74	<=23	Pass	
CP-OFDM 256 QAM	3560.01	Edge_1RB_Left	11.85	11.62	14.75	12.35	12.12	15.25	<=23	Pass	
		Edge_1RB_Right	11.67	10.82	14.28	12.17	11.32	14.78	<=23	Pass	
		Outer_Full	8.74	8.31	11.54	9.24	8.81	12.04	<=23	Pass	
		Inner_Full	11.07	10.88	13.99	11.57	11.38	14.49	<=23	Pass	
		Inner_1RB_Left	12.03	11.56	14.81	12.53	12.06	15.31	<=23	Pass	
		Inner_1RB_Right	11.04	11.00	14.03	11.54	11.50	14.53	<=23	Pass	
	3624.99	Edge_1RB_Left	12.44	11.08	14.82	12.94	11.58	15.32	<=23	Pass	
		Edge_1RB_Right	11.68	12.29	15.01	12.18	12.79	15.51	<=23	Pass	
		Outer_Full	9.23	9.64	12.45	9.73	10.14	12.95	<=23	Pass	
		Inner_Full	11.98	12.19	15.10	12.48	12.69	15.60	<=23	Pass	
		Inner_1RB_Left	11.97	12.24	15.12	12.47	12.74	15.62	<=23	Pass	
		Inner_1RB_Right	11.36	11.30	14.34	11.86	11.80	14.84	<=23	Pass	
	3690	Edge_1RB_Left	11.40	11.46	14.44	11.90	11.96	14.94	<=23	Pass	
		Edge_1RB_Right	12.70	12.00	15.37	13.20	12.50	15.87	<=23	Pass	
		Outer_Full	7.82	7.08	10.48	8.32	7.58	10.98	<=23	Pass	
		Inner_Full	10.32	9.55	12.96	10.82	10.05	13.46	<=23	Pass	
		Inner_1RB_Left	10.88	11.00	13.95	11.38	11.50	14.45	<=23	Pass	
		Inner_1RB_Right	11.58	12.18	14.90	12.08	12.68	15.40	<=23	Pass	
	Note1: Antenna Gain: Ant5: 0.50dBi; Ant2: 0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.11 30k_MIMO_40MHz_NTNV_EIRP

1.11.1 Test Result

5G NR n48 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	3570	Edge_1RB_Left	15.22	15.52	18.39	15.72	16.02	18.88	<=23	Pass
		Edge_1RB_Right	15.17	15.11	18.15	15.67	15.61	18.65	<=23	Pass
		Outer_Full	15.17	15.18	18.19	15.67	15.68	18.69	<=23	Pass
		Inner_Full	15.34	15.24	18.30	15.84	15.74	18.80	<=23	Pass
		Inner_1RB_Left	15.12	15.39	18.27	15.62	15.89	18.77	<=23	Pass
		Inner_1RB_Right	15.23	15.09	18.17	15.73	15.59	18.67	<=23	Pass
	3624.99	Edge_1RB_Left	15.51	15.49	18.51	16.01	15.99	19.01	<=23	Pass
		Edge_1RB_Right	15.15	15.69	18.44	15.65	16.19	18.94	<=23	Pass
		Outer_Full	13.81	13.94	16.89	14.31	14.44	17.39	<=23	Pass
		Inner_Full	15.65	15.63	18.65	16.15	16.13	19.15	<=23	Pass
		Inner_1RB_Left	15.53	15.52	18.54	16.03	16.02	19.04	<=23	Pass
		Inner_1RB_Right	15.20	15.69	18.46	15.70	16.19	18.96	<=23	Pass
	3679.98	Edge_1RB_Left	15.04	15.46	18.27	15.54	15.96	18.77	<=23	Pass
		Edge_1RB_Right	15.67	15.65	18.67	16.17	16.15	19.17	<=23	Pass
		Outer_Full	15.59	15.75	18.68	16.09	16.25	19.18	<=23	Pass
		Inner_Full	15.51	15.53	18.53	16.01	16.03	19.03	<=23	Pass
		Inner_1RB_Left	15.08	15.37	18.24	15.58	15.87	18.74	<=23	Pass
		Inner_1RB_Right	15.77	15.76	18.77	16.27	16.26	19.28	<=23	Pass
CP-OFDM 64	3570	Edge_1RB_Left	14.52	14.65	17.60	15.02	15.15	18.10	<=23	Pass

QAM		Edge 1RB Right	14.66	14.57	17.63	15.16	15.07	18.13	<=23	Pass
		Outer Full	14.74	14.62	17.69	15.24	15.12	18.19	<=23	Pass
		Inner Full	14.82	14.56	17.71	15.32	15.06	18.20	<=23	Pass
		Inner 1RB Left	14.41	14.74	17.59	14.91	15.24	18.09	<=23	Pass
		Inner 1RB Right	14.82	14.62	17.73	15.32	15.12	18.23	<=23	Pass
	3624.99	Edge 1RB Left	15.11	14.99	18.06	15.61	15.49	18.56	<=23	Pass
		Edge 1RB Right	14.66	15.35	18.03	15.16	15.85	18.53	<=23	Pass
		Outer Full	14.54	14.51	17.54	15.04	15.01	18.04	<=23	Pass
		Inner Full	14.88	14.88	17.89	15.38	15.38	18.39	<=23	Pass
		Inner 1RB Left	14.94	14.99	17.98	15.44	15.49	18.48	<=23	Pass
	3679.98	Inner 1RB Right	14.79	15.29	18.06	15.29	15.79	18.56	<=23	Pass
		Edge 1RB Left	14.55	14.77	17.67	15.05	15.27	18.17	<=23	Pass
		Edge 1RB Right	15.32	15.18	18.26	15.82	15.68	18.76	<=23	Pass
		Outer Full	15.10	15.27	18.20	15.60	15.77	18.70	<=23	Pass
		Inner Full	15.06	15.03	18.05	15.56	15.53	18.56	<=23	Pass
CP-OFDM 256 QAM	3570	Inner 1RB Left	14.42	14.80	17.62	14.92	15.30	18.12	<=23	Pass
		Inner 1RB Right	15.33	15.02	18.19	15.83	15.52	18.69	<=23	Pass
		Edge 1RB Left	11.54	11.76	14.67	12.04	12.26	15.16	<=23	Pass
		Edge 1RB Right	11.73	11.85	14.80	12.23	12.35	15.30	<=23	Pass
		Outer Full	11.77	11.62	14.71	12.27	12.12	15.21	<=23	Pass
		Inner Full	11.79	11.56	14.69	12.29	12.06	15.19	<=23	Pass
	3624.99	Inner 1RB Left	11.65	11.76	14.72	12.15	12.26	15.22	<=23	Pass
		Inner 1RB Right	11.79	11.81	14.81	12.29	12.31	15.31	<=23	Pass
		Edge 1RB Left	11.97	12.08	15.04	12.47	12.58	15.54	<=23	Pass
		Edge 1RB Right	11.66	12.24	14.97	12.16	12.74	15.47	<=23	Pass
		Outer Full	11.92	11.93	14.93	12.42	12.43	15.44	<=23	Pass
		Inner Full	11.89	11.86	14.88	12.39	12.36	15.39	<=23	Pass
	3679.98	Inner 1RB Left	12.15	12.10	15.14	12.65	12.60	15.64	<=23	Pass
		Inner 1RB Right	11.82	12.19	15.02	12.32	12.69	15.52	<=23	Pass
		Edge 1RB Left	11.62	11.91	14.77	12.12	12.41	15.28	<=23	Pass
		Edge 1RB Right	12.28	12.16	15.23	12.78	12.66	15.73	<=23	Pass
		Outer Full	12.13	12.25	15.20	12.63	12.75	15.70	<=23	Pass
		Inner Full	12.01	12.03	15.03	12.51	12.53	15.53	<=23	Pass
		Inner 1RB Left	11.61	11.83	14.73	12.11	12.33	15.23	<=23	Pass
		Inner 1RB Right	12.32	12.28	15.31	12.82	12.78	15.81	<=23	Pass
Note1: Antenna Gain: Ant5: 0.50dBi; Ant2: 0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.12 30k_MIMO_40MHz_NTNV_EIRP/10MHz

1.12.1 Test Result

5G NR n48 SCS=30kHz MIMO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
CP-OFDM QPSK	3570	Edge 1RB Left	13.33	14.86	17.17	13.83	15.36	17.67	<=23	Pass
		Edge 1RB Right	15.83	14.32	18.15	16.33	14.82	18.65	<=23	Pass
		Outer Full	10.18	9.09	12.68	10.68	9.59	13.18	<=23	Pass
		Inner Full	11.76	12.38	15.09	12.26	12.88	15.59	<=23	Pass
		Inner 1RB Left	14.55	15.15	17.87	15.05	15.65	18.37	<=23	Pass
	3624.99	Inner 1RB Right	12.11	14.73	16.62	12.61	15.23	17.12	<=23	Pass
		Edge 1RB Left	15.13	15.48	18.32	15.63	15.98	18.82	<=23	Pass
		Edge 1RB Right	14.27	15.14	17.74	14.77	15.64	18.24	<=23	Pass
		Outer Full	8.03	8.03	11.04	8.53	8.53	11.54	<=23	Pass
		Inner Full	13.73	14.09	16.92	14.23	14.59	17.42	<=23	Pass
		Inner 1RB Left	15.25	15.04	18.16	15.75	15.54	18.66	<=23	Pass
		Inner 1RB Right	14.65	15.56	18.14	15.15	16.06	18.64	<=23	Pass

	3679.98	Edge_1RB_Left	15.13	16.06	18.63	15.63	16.56	19.13	<=23	Pass	
		Edge_1RB_Right	16.20	16.40	19.31	16.70	16.90	19.81	<=23	Pass	
		Outer_Full	9.52	10.40	12.99	10.02	10.90	13.49	<=23	Pass	
		Inner_Full	11.24	12.28	14.80	11.74	12.78	15.30	<=23	Pass	
		Inner_1RB_Left	14.77	15.98	18.43	15.27	16.48	18.93	<=23	Pass	
		Inner_1RB_Right	15.33	12.68	17.21	15.83	13.18	17.71	<=23	Pass	
CP-OFDM 64 QAM	3570	Edge_1RB_Left	15.85	14.91	18.42	16.35	15.41	18.92	<=23	Pass	
		Edge_1RB_Right	15.57	15.34	18.47	16.07	15.84	18.97	<=23	Pass	
		Outer_Full	7.37	8.12	10.77	7.87	8.62	11.27	<=23	Pass	
		Inner_Full	12.39	10.62	14.60	12.89	11.12	15.10	<=23	Pass	
		Inner_1RB_Left	15.17	14.02	17.64	15.67	14.52	18.14	<=23	Pass	
		Inner_1RB_Right	12.86	14.56	16.80	13.36	15.06	17.30	<=23	Pass	
	3624.99	Edge_1RB_Left	13.47	14.19	16.86	13.97	14.69	17.36	<=23	Pass	
		Edge_1RB_Right	13.98	15.12	17.60	14.48	15.62	18.10	<=23	Pass	
		Outer_Full	7.60	8.29	10.97	8.10	8.79	11.47	<=23	Pass	
		Inner_Full	12.12	11.26	14.72	12.62	11.76	15.22	<=23	Pass	
		Inner_1RB_Left	14.02	12.78	16.45	14.52	13.28	16.95	<=23	Pass	
		Inner_1RB_Right	13.91	14.51	17.23	14.41	15.01	17.73	<=23	Pass	
	3679.98	Edge_1RB_Left	14.68	14.32	17.51	15.18	14.82	18.01	<=23	Pass	
		Edge_1RB_Right	15.89	13.74	17.96	16.39	14.24	18.46	<=23	Pass	
		Outer_Full	10.81	9.71	13.31	11.31	10.21	13.81	<=23	Pass	
		Inner_Full	13.14	12.15	15.68	13.64	12.65	16.18	<=23	Pass	
		Inner_1RB_Left	14.98	15.01	18.01	15.48	15.51	18.51	<=23	Pass	
		Inner_1RB_Right	14.73	13.60	17.21	15.23	14.10	17.71	<=23	Pass	
	CP-OFDM 256 QAM	3570	Edge_1RB_Left	12.49	10.37	14.57	12.99	10.87	15.07	<=23	Pass
			Edge_1RB_Right	11.25	11.01	14.14	11.75	11.51	14.64	<=23	Pass
			Outer_Full	5.76	6.54	9.18	6.26	7.04	9.68	<=23	Pass
			Inner_Full	9.55	9.44	12.51	10.05	9.94	13.01	<=23	Pass
			Inner_1RB_Left	10.91	11.02	13.98	11.41	11.52	14.48	<=23	Pass
			Inner_1RB_Right	13.73	11.72	15.85	14.23	12.22	16.35	<=23	Pass
3624.99		Edge_1RB_Left	12.21	11.42	14.84	12.71	11.92	15.34	<=23	Pass	
		Edge_1RB_Right	11.21	11.58	14.41	11.71	12.08	14.91	<=23	Pass	
		Outer_Full	5.73	6.54	9.16	6.23	7.04	9.66	<=23	Pass	
		Inner_Full	8.62	8.92	11.78	9.12	9.42	12.28	<=23	Pass	
		Inner_1RB_Left	10.91	11.33	14.14	11.41	11.83	14.64	<=23	Pass	
		Inner_1RB_Right	11.35	11.61	14.49	11.85	12.11	14.99	<=23	Pass	
3679.98		Edge_1RB_Left	11.65	12.33	15.01	12.15	12.83	15.51	<=23	Pass	
		Edge_1RB_Right	10.89	10.77	13.84	11.39	11.27	14.34	<=23	Pass	
		Outer_Full	5.77	7.24	9.58	6.27	7.74	10.08	<=23	Pass	
		Inner_Full	9.37	9.16	12.28	9.87	9.66	12.78	<=23	Pass	
		Inner_1RB_Left	12.20	12.14	15.18	12.70	12.64	15.68	<=23	Pass	
		Inner_1RB_Right	11.95	11.74	14.86	12.45	12.24	15.36	<=23	Pass	
Note1: Antenna Gain: Ant5: 0.50dBi; Ant2: 0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain											