

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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3555	Edge_1RB_Left	12.32	/	/	17.65	/	/	<=23	Pass
		Edge_1RB_Right	12.68	/	/	18.01	/	/	<=23	Pass
		Outer_Full	12.55	/	/	17.88	/	/	<=23	Pass
		Inner_Full	12.64	/	/	17.97	/	/	<=23	Pass
		Inner_1RB_Left	12.39	/	/	17.72	/	/	<=23	Pass
		Inner_1RB_Right	12.69	/	/	18.02	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	13.86	/	/	19.19	/	/	<=23	Pass
		Edge_1RB_Right	13.82	/	/	19.15	/	/	<=23	Pass
		Outer_Full	13.90	/	/	19.23	/	/	<=23	Pass
		Inner_Full	14.02	/	/	19.35	/	/	<=23	Pass
		Inner_1RB_Left	13.84	/	/	19.17	/	/	<=23	Pass
		Inner_1RB_Right	13.88	/	/	19.21	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	14.15	/	/	19.48	/	/	<=23	Pass
		Edge_1RB_Right	14.25	/	/	19.58	/	/	<=23	Pass
		Outer_Full	14.32	/	/	19.65	/	/	<=23	Pass
		Inner_Full	14.22	/	/	19.55	/	/	<=23	Pass
		Inner_1RB_Left	14.18	/	/	19.51	/	/	<=23	Pass
		Inner_1RB_Right	14.32	/	/	19.65	/	/	<=23	Pass
DFT-s-OFDM QPSK	3555	Edge_1RB_Left	12.29	/	/	17.62	/	/	<=23	Pass
		Edge_1RB_Right	12.63	/	/	17.96	/	/	<=23	Pass
		Outer_Full	12.62	/	/	17.95	/	/	<=23	Pass
		Inner_Full	12.57	/	/	17.90	/	/	<=23	Pass
		Inner_1RB_Left	12.26	/	/	17.59	/	/	<=23	Pass
		Inner_1RB_Right	12.72	/	/	18.05	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	13.72	/	/	19.05	/	/	<=23	Pass

		B_Left								
		Edge_1R B_Right	13.80	/	/	19.13	/	/	<=23	Pass
		Outer_Fu II	13.73	/	/	19.06	/	/	<=23	Pass
		Inner_Ful I	13.82	/	/	19.15	/	/	<=23	Pass
		Inner_1R B_Left	13.76	/	/	19.09	/	/	<=23	Pass
		Inner_1R B_Right	13.84	/	/	19.17	/	/	<=23	Pass
	3694.98	Edge_1R B_Left	14.10	/	/	19.43	/	/	<=23	Pass
		Edge_1R B_Right	14.12	/	/	19.45	/	/	<=23	Pass
		Outer_Fu II	14.22	/	/	19.55	/	/	<=23	Pass
		Inner_Ful I	14.17	/	/	19.50	/	/	<=23	Pass
		Inner_1R B_Left	14.04	/	/	19.37	/	/	<=23	Pass
		Inner_1R B_Right	14.14	/	/	19.47	/	/	<=23	Pass
DFT-s- OFDM 16 QAM	3555	Edge_1R B_Left	12.20	/	/	17.53	/	/	<=23	Pass
		Edge_1R B_Right	12.74	/	/	18.07	/	/	<=23	Pass
		Outer_Fu II	12.56	/	/	17.89	/	/	<=23	Pass
		Inner_Ful I	12.43	/	/	17.76	/	/	<=23	Pass
		Inner_1R B_Left	12.20	/	/	17.53	/	/	<=23	Pass
		Inner_1R B_Right	12.63	/	/	17.96	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	13.60	/	/	18.93	/	/	<=23	Pass
		Edge_1R B_Right	13.69	/	/	19.02	/	/	<=23	Pass
		Outer_Fu II	13.80	/	/	19.13	/	/	<=23	Pass
		Inner_Ful I	13.71	/	/	19.04	/	/	<=23	Pass
		Inner_1R B_Left	13.55	/	/	18.88	/	/	<=23	Pass
		Inner_1R B_Right	13.76	/	/	19.09	/	/	<=23	Pass
	3694.98	Edge_1R B_Left	14.01	/	/	19.34	/	/	<=23	Pass
		Edge_1R B_Right	14.12	/	/	19.45	/	/	<=23	Pass
		Outer_Fu II	14.16	/	/	19.49	/	/	<=23	Pass
		Inner_Ful I	14.13	/	/	19.46	/	/	<=23	Pass
		Inner_1R B_Left	14.01	/	/	19.34	/	/	<=23	Pass
		Inner_1R B_Right	14.12	/	/	19.45	/	/	<=23	Pass
DFT-s- OFDM	3555	Edge_1R B_Left	12.48	/	/	17.81	/	/	<=23	Pass

64 QAM		Edge_1R B_Right	12.64	/	/	17.97	/	/	<=23	Pass
		Outer_Fu ll	12.58	/	/	17.91	/	/	<=23	Pass
		Inner_Ful l	12.55	/	/	17.88	/	/	<=23	Pass
		Inner_1R B_Left	12.47	/	/	17.80	/	/	<=23	Pass
		Inner_1R B_Right	12.67	/	/	18.00	/	/	<=23	Pass
		Edge_1R B_Left	13.70	/	/	19.03	/	/	<=23	Pass
	3624.99	Edge_1R B_Right	13.88	/	/	19.21	/	/	<=23	Pass
		Outer_Fu ll	14.04	/	/	19.37	/	/	<=23	Pass
		Inner_Ful l	13.99	/	/	19.32	/	/	<=23	Pass
		Inner_1R B_Left	13.74	/	/	19.07	/	/	<=23	Pass
		Inner_1R B_Right	13.81	/	/	19.14	/	/	<=23	Pass
		Edge_1R B_Left	14.18	/	/	19.51	/	/	<=23	Pass
	3694.98	Edge_1R B_Right	14.13	/	/	19.46	/	/	<=23	Pass
		Outer_Fu ll	14.32	/	/	19.65	/	/	<=23	Pass
		Inner_Ful l	14.21	/	/	19.54	/	/	<=23	Pass
		Inner_1R B_Left	14.19	/	/	19.52	/	/	<=23	Pass
		Inner_1R B_Right	14.23	/	/	19.56	/	/	<=23	Pass
		Edge_1R B_Left	11.89	/	/	17.22	/	/	<=23	Pass
DFT-s- OFDM 256 QAM	3555	Edge_1R B_Right	12.30	/	/	17.63	/	/	<=23	Pass
		Outer_Fu ll	12.40	/	/	17.73	/	/	<=23	Pass
		Inner_Ful l	12.49	/	/	17.82	/	/	<=23	Pass
		Inner_1R B_Left	11.97	/	/	17.30	/	/	<=23	Pass
		Inner_1R B_Right	12.19	/	/	17.52	/	/	<=23	Pass
		Edge_1R B_Left	13.41	/	/	18.74	/	/	<=23	Pass
	3624.99	Edge_1R B_Right	13.30	/	/	18.63	/	/	<=23	Pass
		Outer_Fu ll	13.65	/	/	18.98	/	/	<=23	Pass
		Inner_Ful l	13.84	/	/	19.17	/	/	<=23	Pass
		Inner_1R B_Left	13.31	/	/	18.64	/	/	<=23	Pass
		Inner_1R B_Right	13.40	/	/	18.73	/	/	<=23	Pass
		Edge_1R B_Left	13.74	/	/	19.07	/	/	<=23	Pass
	3694.98	Edge_1R	13.87	/	/	19.20	/	/	<=23	Pass

		B_Right									
		Outer_Fu II	14.30	/	/	19.63	/	/	<=23	Pass	
		Inner_Ful I	14.17	/	/	19.50	/	/	<=23	Pass	
		Inner_1R B_Left	13.70	/	/	19.03	/	/	<=23	Pass	
		Inner_1R B_Right	13.84	/	/	19.17	/	/	<=23	Pass	
CP- OFDM QPSK	3555	Edge_1R B_Left	12.26	/	/	17.59	/	/	<=23	Pass	
		Edge_1R B_Right	12.62	/	/	17.95	/	/	<=23	Pass	
		Outer_Fu II	12.43	/	/	17.76	/	/	<=23	Pass	
		Inner_Ful I	12.55	/	/	17.88	/	/	<=23	Pass	
		Inner_1R B_Left	12.17	/	/	17.50	/	/	<=23	Pass	
		Inner_1R B_Right	12.62	/	/	17.95	/	/	<=23	Pass	
	3624.99	Edge_1R B_Left	13.80	/	/	19.13	/	/	<=23	Pass	
		Edge_1R B_Right	13.66	/	/	18.99	/	/	<=23	Pass	
		Outer_Fu II	13.84	/	/	19.17	/	/	<=23	Pass	
		Inner_Ful I	13.88	/	/	19.21	/	/	<=23	Pass	
		Inner_1R B_Left	13.61	/	/	18.94	/	/	<=23	Pass	
		Inner_1R B_Right	13.83	/	/	19.16	/	/	<=23	Pass	
	3694.98	Edge_1R B_Left	14.12	/	/	19.45	/	/	<=23	Pass	
		Edge_1R B_Right	14.23	/	/	19.56	/	/	<=23	Pass	
		Outer_Fu II	14.17	/	/	19.50	/	/	<=23	Pass	
		Inner_Ful I	14.24	/	/	19.57	/	/	<=23	Pass	
		Inner_1R B_Left	14.13	/	/	19.46	/	/	<=23	Pass	
		Inner_1R B_Right	14.08	/	/	19.41	/	/	<=23	Pass	
	CP- OFDM 16 QAM	3555	Edge_1R B_Left	12.19	/	/	17.52	/	/	<=23	Pass
			Edge_1R B_Right	12.68	/	/	18.01	/	/	<=23	Pass
			Outer_Fu II	12.55	/	/	17.88	/	/	<=23	Pass
			Inner_Ful I	12.49	/	/	17.82	/	/	<=23	Pass
			Inner_1R B_Left	12.30	/	/	17.63	/	/	<=23	Pass
			Inner_1R B_Right	12.62	/	/	17.95	/	/	<=23	Pass
3624.99		Edge_1R B_Left	13.73	/	/	19.06	/	/	<=23	Pass	
		Edge_1R B_Right	13.66	/	/	18.99	/	/	<=23	Pass	

		Outer_Fu II	13.77	/	/	19.10	/	/	<=23	Pass	
		Inner_Ful I	13.82	/	/	19.15	/	/	<=23	Pass	
		Inner_1R B_Left	13.62	/	/	18.95	/	/	<=23	Pass	
		Inner_1R B_Right	13.69	/	/	19.02	/	/	<=23	Pass	
	3694.98	Edge_1R B_Left	14.14	/	/	19.47	/	/	<=23	Pass	
		Edge_1R B_Right	14.20	/	/	19.53	/	/	<=23	Pass	
		Outer_Fu II	14.21	/	/	19.54	/	/	<=23	Pass	
		Inner_Ful I	14.10	/	/	19.43	/	/	<=23	Pass	
		Inner_1R B_Left	14.12	/	/	19.45	/	/	<=23	Pass	
		Inner_1R B_Right	14.23	/	/	19.56	/	/	<=23	Pass	
	CP- OFDM 64 QAM	3555	Edge_1R B_Left	12.37	/	/	17.70	/	/	<=23	Pass
			Edge_1R B_Right	12.73	/	/	18.06	/	/	<=23	Pass
Outer_Fu II			12.53	/	/	17.86	/	/	<=23	Pass	
Inner_Ful I			12.53	/	/	17.86	/	/	<=23	Pass	
Inner_1R B_Left			12.45	/	/	17.78	/	/	<=23	Pass	
Inner_1R B_Right			12.81	/	/	18.14	/	/	<=23	Pass	
3624.99		Edge_1R B_Left	13.82	/	/	19.15	/	/	<=23	Pass	
		Edge_1R B_Right	13.83	/	/	19.16	/	/	<=23	Pass	
		Outer_Fu II	13.99	/	/	19.32	/	/	<=23	Pass	
		Inner_Ful I	13.85	/	/	19.18	/	/	<=23	Pass	
		Inner_1R B_Left	13.88	/	/	19.21	/	/	<=23	Pass	
		Inner_1R B_Right	13.98	/	/	19.31	/	/	<=23	Pass	
3694.98		Edge_1R B_Left	14.19	/	/	19.52	/	/	<=23	Pass	
		Edge_1R B_Right	14.25	/	/	19.58	/	/	<=23	Pass	
		Outer_Fu II	14.27	/	/	19.60	/	/	<=23	Pass	
		Inner_Ful I	14.27	/	/	19.60	/	/	<=23	Pass	
		Inner_1R B_Left	14.25	/	/	19.58	/	/	<=23	Pass	
		Inner_1R B_Right	14.25	/	/	19.58	/	/	<=23	Pass	
CP- OFDM 256 QAM		3555	Edge_1R B_Left	11.91	/	/	17.24	/	/	<=23	Pass
			Edge_1R B_Right	12.26	/	/	17.59	/	/	<=23	Pass
			Outer_Fu II	12.44	/	/	17.77	/	/	<=23	Pass

		Inner_Full	12.51	/	/	17.84	/	/	<=23	Pass
		Inner_1RB_Left	11.94	/	/	17.27	/	/	<=23	Pass
		Inner_1RB_Right	12.30	/	/	17.63	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	13.33	/	/	18.66	/	/	<=23	Pass
		Edge_1RB_Right	13.41	/	/	18.74	/	/	<=23	Pass
		Outer_Full	13.87	/	/	19.20	/	/	<=23	Pass
		Inner_Full	13.90	/	/	19.23	/	/	<=23	Pass
		Inner_1RB_Left	13.24	/	/	18.57	/	/	<=23	Pass
		Inner_1RB_Right	13.41	/	/	18.74	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	13.68	/	/	19.01	/	/	<=23	Pass
		Edge_1RB_Right	13.75	/	/	19.08	/	/	<=23	Pass
		Outer_Full	14.31	/	/	19.64	/	/	<=23	Pass
		Inner_Full	14.21	/	/	19.54	/	/	<=23	Pass
		Inner_1RB_Left	13.67	/	/	19.00	/	/	<=23	Pass
		Inner_1RB_Right	13.84	/	/	19.17	/	/	<=23	Pass
Note1: Antenna Gain: Ant1: 5.33dBi; Ant2: 5.33dBi;										
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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3555	Edge_1RB_Left	15.39	/	/	20.72	/	/	<=23	Pass
		Edge_1RB_Right	14.21	/	/	19.54	/	/	<=23	Pass
		Outer_Full	14.74	/	/	20.07	/	/	<=23	Pass
		Inner_Full	14.57	/	/	19.90	/	/	<=23	Pass
		Inner_1RB_Left	14.57	/	/	19.90	/	/	<=23	Pass
		Inner_1RB_Right	14.71	/	/	20.04	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	15.35	/	/	20.68	/	/	<=23	Pass
		Edge_1RB_Right	15.38	/	/	20.71	/	/	<=23	Pass

	3694.98	Outer_Fu II	15.40	/	/	20.73	/	/	<=23	Pass	
		Inner_Ful I	15.35	/	/	20.68	/	/	<=23	Pass	
		Inner_1R B_Left	15.21	/	/	20.54	/	/	<=23	Pass	
		Inner_1R B_Right	15.23	/	/	20.56	/	/	<=23	Pass	
	3694.98	Edge_1R B_Left	16.04	/	/	21.37	/	/	<=23	Pass	
		Edge_1R B_Right	16.22	/	/	21.55	/	/	<=23	Pass	
		Outer_Fu II	15.95	/	/	21.28	/	/	<=23	Pass	
		Inner_Ful I	16.09	/	/	21.42	/	/	<=23	Pass	
		Inner_1R B_Left	15.92	/	/	21.25	/	/	<=23	Pass	
		Inner_1R B_Right	16.11	/	/	21.44	/	/	<=23	Pass	
	DFT-s- OFDM QPSK	3555	Edge_1R B_Left	14.95	/	/	20.28	/	/	<=23	Pass
			Edge_1R B_Right	15.18	/	/	20.51	/	/	<=23	Pass
Outer_Fu II			15.10	/	/	20.43	/	/	<=23	Pass	
Inner_Ful I			15.38	/	/	20.71	/	/	<=23	Pass	
Inner_1R B_Left			14.84	/	/	20.17	/	/	<=23	Pass	
Inner_1R B_Right			15.25	/	/	20.58	/	/	<=23	Pass	
3624.99		Edge_1R B_Left	15.47	/	/	20.80	/	/	<=23	Pass	
		Edge_1R B_Right	15.76	/	/	21.09	/	/	<=23	Pass	
		Outer_Fu II	15.52	/	/	20.85	/	/	<=23	Pass	
		Inner_Ful I	15.29	/	/	20.62	/	/	<=23	Pass	
		Inner_1R B_Left	15.72	/	/	21.05	/	/	<=23	Pass	
		Inner_1R B_Right	15.39	/	/	20.72	/	/	<=23	Pass	
3694.98		Edge_1R B_Left	16.03	/	/	21.36	/	/	<=23	Pass	
		Edge_1R B_Right	16.48	/	/	21.81	/	/	<=23	Pass	
		Outer_Fu II	16.20	/	/	21.53	/	/	<=23	Pass	
		Inner_Ful I	16.12	/	/	21.45	/	/	<=23	Pass	
		Inner_1R B_Left	15.88	/	/	21.21	/	/	<=23	Pass	
		Inner_1R B_Right	16.08	/	/	21.41	/	/	<=23	Pass	
DFT-s- OFDM 16 QAM	3555	Edge_1R B_Left	15.22	/	/	20.55	/	/	<=23	Pass	
		Edge_1R B_Right	14.71	/	/	20.04	/	/	<=23	Pass	
		Outer_Fu II	14.91	/	/	20.24	/	/	<=23	Pass	

DFT-s-OFDM 64 QAM	3624.99	Inner_Full	15.24	/	/	20.57	/	/	<=23	Pass	
		Inner_1R B_Left	14.87	/	/	20.20	/	/	<=23	Pass	
		Inner_1R B_Right	15.20	/	/	20.53	/	/	<=23	Pass	
	3624.99	Edge_1R B_Left	15.36	/	/	20.69	/	/	<=23	Pass	
		Edge_1R B_Right	15.32	/	/	20.65	/	/	<=23	Pass	
		Outer_Full	15.53	/	/	20.86	/	/	<=23	Pass	
		Inner_Full	15.47	/	/	20.80	/	/	<=23	Pass	
		Inner_1R B_Left	15.60	/	/	20.93	/	/	<=23	Pass	
		Inner_1R B_Right	14.94	/	/	20.27	/	/	<=23	Pass	
	3694.98	Edge_1R B_Left	15.70	/	/	21.03	/	/	<=23	Pass	
		Edge_1R B_Right	16.03	/	/	21.36	/	/	<=23	Pass	
		Outer_Full	16.04	/	/	21.37	/	/	<=23	Pass	
		Inner_Full	15.88	/	/	21.21	/	/	<=23	Pass	
		Inner_1R B_Left	16.36	/	/	21.69	/	/	<=23	Pass	
		Inner_1R B_Right	16.06	/	/	21.39	/	/	<=23	Pass	
	3555	Edge_1R B_Left	15.23	/	/	20.56	/	/	<=23	Pass	
		Edge_1R B_Right	15.26	/	/	20.59	/	/	<=23	Pass	
		Outer_Full	15.25	/	/	20.58	/	/	<=23	Pass	
		Inner_Full	15.43	/	/	20.76	/	/	<=23	Pass	
		Inner_1R B_Left	14.84	/	/	20.17	/	/	<=23	Pass	
		Inner_1R B_Right	15.32	/	/	20.65	/	/	<=23	Pass	
		3624.99	Edge_1R B_Left	15.20	/	/	20.53	/	/	<=23	Pass
			Edge_1R B_Right	15.29	/	/	20.62	/	/	<=23	Pass
			Outer_Full	15.53	/	/	20.86	/	/	<=23	Pass
			Inner_Full	15.64	/	/	20.97	/	/	<=23	Pass
			Inner_1R B_Left	15.64	/	/	20.97	/	/	<=23	Pass
			Inner_1R B_Right	15.16	/	/	20.49	/	/	<=23	Pass
3694.98	Edge_1R B_Left	15.89	/	/	21.22	/	/	<=23	Pass		
	Edge_1R B_Right	16.10	/	/	21.43	/	/	<=23	Pass		
	Outer_Full	16.03	/	/	21.36	/	/	<=23	Pass		

		Inner_Ful I	16.21	/	/	21.54	/	/	<=23	Pass
		Inner_1R B_Left	15.73	/	/	21.06	/	/	<=23	Pass
		Inner_1R B_Right	16.02	/	/	21.35	/	/	<=23	Pass
DFT-s- OFDM 256 QAM	3555	Edge_1R B_Left	15.11	/	/	20.44	/	/	<=23	Pass
		Edge_1R B_Right	14.39	/	/	19.72	/	/	<=23	Pass
		Outer_Fu II	15.06	/	/	20.39	/	/	<=23	Pass
		Inner_Ful I	15.32	/	/	20.65	/	/	<=23	Pass
		Inner_1R B_Left	14.77	/	/	20.10	/	/	<=23	Pass
		Inner_1R B_Right	14.71	/	/	20.04	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	14.92	/	/	20.25	/	/	<=23	Pass
		Edge_1R B_Right	15.71	/	/	21.04	/	/	<=23	Pass
		Outer_Fu II	15.72	/	/	21.05	/	/	<=23	Pass
		Inner_Ful I	15.46	/	/	20.79	/	/	<=23	Pass
		Inner_1R B_Left	15.29	/	/	20.62	/	/	<=23	Pass
		Inner_1R B_Right	15.33	/	/	20.66	/	/	<=23	Pass
	3694.98	Edge_1R B_Left	15.49	/	/	20.82	/	/	<=23	Pass
		Edge_1R B_Right	15.81	/	/	21.14	/	/	<=23	Pass
		Outer_Fu II	15.91	/	/	21.24	/	/	<=23	Pass
		Inner_Ful I	15.86	/	/	21.19	/	/	<=23	Pass
		Inner_1R B_Left	15.47	/	/	20.80	/	/	<=23	Pass
		Inner_1R B_Right	15.90	/	/	21.23	/	/	<=23	Pass
CP- OFDM QPSK	3555	Edge_1R B_Left	15.14	/	/	20.47	/	/	<=23	Pass
		Edge_1R B_Right	15.22	/	/	20.55	/	/	<=23	Pass
		Outer_Fu II	15.25	/	/	20.58	/	/	<=23	Pass
		Inner_Ful I	15.33	/	/	20.66	/	/	<=23	Pass
		Inner_1R B_Left	15.17	/	/	20.50	/	/	<=23	Pass
		Inner_1R B_Right	15.41	/	/	20.74	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	15.78	/	/	21.11	/	/	<=23	Pass
		Edge_1R B_Right	15.49	/	/	20.82	/	/	<=23	Pass
		Outer_Fu II	15.36	/	/	20.69	/	/	<=23	Pass
		Inner_Ful I	15.30	/	/	20.63	/	/	<=23	Pass

		I									
		Inner_1R B_Left	15.33	/	/	20.66	/	/	<=23	Pass	
		Inner_1R B_Right	15.36	/	/	20.69	/	/	<=23	Pass	
	3694.98	Edge_1R B_Left	15.78	/	/	21.11	/	/	<=23	Pass	
		Edge_1R B_Right	16.31	/	/	21.64	/	/	<=23	Pass	
		Outer_Fu II	15.88	/	/	21.21	/	/	<=23	Pass	
		Inner_Ful I	16.43	/	/	21.76	/	/	<=23	Pass	
		Inner_1R B_Left	15.90	/	/	21.23	/	/	<=23	Pass	
		Inner_1R B_Right	16.46	/	/	21.79	/	/	<=23	Pass	
CP- OFDM 16 QAM		3555	Edge_1R B_Left	14.76	/	/	20.09	/	/	<=23	Pass
			Edge_1R B_Right	15.64	/	/	20.97	/	/	<=23	Pass
	Outer_Fu II		14.90	/	/	20.23	/	/	<=23	Pass	
	Inner_Ful I		15.23	/	/	20.56	/	/	<=23	Pass	
	Inner_1R B_Left		15.02	/	/	20.35	/	/	<=23	Pass	
	Inner_1R B_Right		14.87	/	/	20.20	/	/	<=23	Pass	
	3624.99	Edge_1R B_Left	15.61	/	/	20.94	/	/	<=23	Pass	
		Edge_1R B_Right	15.70	/	/	21.03	/	/	<=23	Pass	
		Outer_Fu II	15.41	/	/	20.74	/	/	<=23	Pass	
		Inner_Ful I	15.37	/	/	20.70	/	/	<=23	Pass	
		Inner_1R B_Left	14.85	/	/	20.18	/	/	<=23	Pass	
		Inner_1R B_Right	15.30	/	/	20.63	/	/	<=23	Pass	
	3694.98	Edge_1R B_Left	15.98	/	/	21.31	/	/	<=23	Pass	
		Edge_1R B_Right	16.17	/	/	21.50	/	/	<=23	Pass	
		Outer_Fu II	16.25	/	/	21.58	/	/	<=23	Pass	
		Inner_Ful I	16.11	/	/	21.44	/	/	<=23	Pass	
		Inner_1R B_Left	15.76	/	/	21.09	/	/	<=23	Pass	
		Inner_1R B_Right	16.13	/	/	21.46	/	/	<=23	Pass	
	CP- OFDM 64 QAM	3555	Edge_1R B_Left	15.10	/	/	20.43	/	/	<=23	Pass
			Edge_1R B_Right	15.04	/	/	20.37	/	/	<=23	Pass
			Outer_Fu II	15.65	/	/	20.98	/	/	<=23	Pass
			Inner_Ful I	15.38	/	/	20.71	/	/	<=23	Pass

CP- OFDM 256 QAM		Inner_1R B_Left	15.10	/	/	20.43	/	/	<=23	Pass	
		Inner_1R B_Right	15.44	/	/	20.77	/	/	<=23	Pass	
	3624.99	Edge_1R B_Left	15.77	/	/	21.10	/	/	<=23	Pass	
		Edge_1R B_Right	15.33	/	/	20.66	/	/	<=23	Pass	
		Outer_Fu ll	15.47	/	/	20.80	/	/	<=23	Pass	
		Inner_Ful l	15.67	/	/	21.00	/	/	<=23	Pass	
		Inner_1R B_Left	15.62	/	/	20.95	/	/	<=23	Pass	
		Inner_1R B_Right	15.73	/	/	21.06	/	/	<=23	Pass	
		3694.98	Edge_1R B_Left	16.20	/	/	21.53	/	/	<=23	Pass
	Edge_1R B_Right		16.19	/	/	21.52	/	/	<=23	Pass	
	Outer_Fu ll		16.31	/	/	21.64	/	/	<=23	Pass	
	Inner_Ful l		15.82	/	/	21.15	/	/	<=23	Pass	
	Inner_1R B_Left		15.98	/	/	21.31	/	/	<=23	Pass	
	Inner_1R B_Right		16.52	/	/	21.85	/	/	<=23	Pass	
	3555	Edge_1R B_Left	14.28	/	/	19.61	/	/	<=23	Pass	
		Edge_1R B_Right	14.65	/	/	19.98	/	/	<=23	Pass	
		Outer_Fu ll	15.34	/	/	20.67	/	/	<=23	Pass	
		Inner_Ful l	15.22	/	/	20.55	/	/	<=23	Pass	
		Inner_1R B_Left	14.55	/	/	19.88	/	/	<=23	Pass	
		Inner_1R B_Right	14.66	/	/	19.99	/	/	<=23	Pass	
		3624.99	Edge_1R B_Left	15.03	/	/	20.36	/	/	<=23	Pass
			Edge_1R B_Right	15.57	/	/	20.90	/	/	<=23	Pass
			Outer_Fu ll	15.28	/	/	20.61	/	/	<=23	Pass
			Inner_Ful l	15.31	/	/	20.64	/	/	<=23	Pass
Inner_1R B_Left			14.63	/	/	19.96	/	/	<=23	Pass	
Inner_1R B_Right			15.44	/	/	20.77	/	/	<=23	Pass	
3694.98	Edge_1R B_Left	15.06	/	/	20.39	/	/	<=23	Pass		
	Edge_1R B_Right	16.43	/	/	21.76	/	/	<=23	Pass		
	Outer_Fu ll	15.79	/	/	21.12	/	/	<=23	Pass		
	Inner_Ful l	15.96	/	/	21.29	/	/	<=23	Pass		
	Inner_1R	15.78	/	/	21.11	/	/	<=23	Pass		

		B_Left								
		Inner_1R B_Right	15.59	/	/	20.92	/	/	<=23	Pass
Note1: Antenna Gain: Ant1: 5.33dBi; Ant2: 5.33dBi; 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 NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3560.01	Edge_1R B_Left	12.57	/	/	17.90	/	/	<=23	Pass
		Edge_1R B_Right	13.42	/	/	18.75	/	/	<=23	Pass
		Outer_Full	12.87	/	/	18.20	/	/	<=23	Pass
		Inner_Full	13.03	/	/	18.36	/	/	<=23	Pass
		Inner_1R B_Left	12.53	/	/	17.86	/	/	<=23	Pass
		Inner_1R B_Right	13.32	/	/	18.65	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	14.10	/	/	19.43	/	/	<=23	Pass
		Edge_1R B_Right	13.98	/	/	19.31	/	/	<=23	Pass
		Outer_Full	14.11	/	/	19.44	/	/	<=23	Pass
		Inner_Full	13.97	/	/	19.30	/	/	<=23	Pass
		Inner_1R B_Left	13.97	/	/	19.30	/	/	<=23	Pass
		Inner_1R B_Right	13.99	/	/	19.32	/	/	<=23	Pass
	3690	Edge_1R B_Left	14.40	/	/	19.73	/	/	<=23	Pass
		Edge_1R B_Right	14.32	/	/	19.65	/	/	<=23	Pass
		Outer_Full	14.31	/	/	19.64	/	/	<=23	Pass
		Inner_Full	14.33	/	/	19.66	/	/	<=23	Pass
		Inner_1R B_Left	14.38	/	/	19.71	/	/	<=23	Pass
		Inner_1R B_Right	14.42	/	/	19.75	/	/	<=23	Pass
DFT-s-OFDM QPSK	3560.01	Edge_1R B_Left	12.34	/	/	17.67	/	/	<=23	Pass
		Edge_1R B_Right	13.20	/	/	18.53	/	/	<=23	Pass
		Outer_Full	12.95	/	/	18.28	/	/	<=23	Pass
		Inner_Full	12.93	/	/	18.26	/	/	<=23	Pass

DFT-s-OFDM 16 QAM		Inner_1R B_Left	12.44	/	/	17.77	/	/	<=23	Pass	
		Inner_1R B_Right	13.16	/	/	18.49	/	/	<=23	Pass	
	3624.99	Edge_1R B_Left	13.97	/	/	19.30	/	/	<=23	Pass	
		Edge_1R B_Right	13.85	/	/	19.18	/	/	<=23	Pass	
		Outer_Fu II	14.04	/	/	19.37	/	/	<=23	Pass	
		Inner_Ful I	14.05	/	/	19.38	/	/	<=23	Pass	
		Inner_1R B_Left	14.10	/	/	19.43	/	/	<=23	Pass	
		Inner_1R B_Right	13.93	/	/	19.26	/	/	<=23	Pass	
		3690	Edge_1R B_Left	14.18	/	/	19.51	/	/	<=23	Pass
	Edge_1R B_Right		14.21	/	/	19.54	/	/	<=23	Pass	
	Outer_Fu II		14.24	/	/	19.57	/	/	<=23	Pass	
	Inner_Ful I		14.27	/	/	19.60	/	/	<=23	Pass	
	Inner_1R B_Left		14.19	/	/	19.52	/	/	<=23	Pass	
	Inner_1R B_Right		14.20	/	/	19.53	/	/	<=23	Pass	
	3560.01		Edge_1R B_Left	12.26	/	/	17.59	/	/	<=23	Pass
			Edge_1R B_Right	13.22	/	/	18.55	/	/	<=23	Pass
			Outer_Fu II	13.02	/	/	18.35	/	/	<=23	Pass
			Inner_Ful I	12.95	/	/	18.28	/	/	<=23	Pass
			Inner_1R B_Left	12.23	/	/	17.56	/	/	<=23	Pass
			Inner_1R B_Right	13.06	/	/	18.39	/	/	<=23	Pass
		3624.99	Edge_1R B_Left	13.82	/	/	19.15	/	/	<=23	Pass
			Edge_1R B_Right	13.67	/	/	19.00	/	/	<=23	Pass
			Outer_Fu II	13.97	/	/	19.30	/	/	<=23	Pass
			Inner_Ful I	14.10	/	/	19.43	/	/	<=23	Pass
Inner_1R B_Left			13.88	/	/	19.21	/	/	<=23	Pass	
Inner_1R B_Right			13.79	/	/	19.12	/	/	<=23	Pass	
3690		Edge_1R B_Left	14.01	/	/	19.34	/	/	<=23	Pass	
		Edge_1R B_Right	14.13	/	/	19.46	/	/	<=23	Pass	
		Outer_Fu II	14.25	/	/	19.58	/	/	<=23	Pass	
		Inner_Ful I	14.23	/	/	19.56	/	/	<=23	Pass	
		Inner_1R	14.21	/	/	19.54	/	/	<=23	Pass	

		B_Left								
		Inner_1R B_Right	14.13	/	/	19.46	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3560.01	Edge_1R B_Left	12.50	/	/	17.83	/	/	<=23	Pass
		Edge_1R B_Right	13.12	/	/	18.45	/	/	<=23	Pass
		Outer_Fu II	13.01	/	/	18.34	/	/	<=23	Pass
		Inner_Ful I	12.88	/	/	18.21	/	/	<=23	Pass
		Inner_1R B_Left	12.38	/	/	17.71	/	/	<=23	Pass
		Inner_1R B_Right	13.16	/	/	18.49	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	14.06	/	/	19.39	/	/	<=23	Pass
		Edge_1R B_Right	13.91	/	/	19.24	/	/	<=23	Pass
		Outer_Fu II	14.07	/	/	19.40	/	/	<=23	Pass
		Inner_Ful I	13.97	/	/	19.30	/	/	<=23	Pass
		Inner_1R B_Left	14.05	/	/	19.38	/	/	<=23	Pass
		Inner_1R B_Right	13.83	/	/	19.16	/	/	<=23	Pass
	3690	Edge_1R B_Left	14.35	/	/	19.68	/	/	<=23	Pass
		Edge_1R B_Right	14.23	/	/	19.56	/	/	<=23	Pass
		Outer_Fu II	14.29	/	/	19.62	/	/	<=23	Pass
		Inner_Ful I	14.25	/	/	19.58	/	/	<=23	Pass
		Inner_1R B_Left	14.22	/	/	19.55	/	/	<=23	Pass
		Inner_1R B_Right	14.28	/	/	19.61	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3560.01	Edge_1R B_Left	11.94	/	/	17.27	/	/	<=23	Pass
		Edge_1R B_Right	12.75	/	/	18.08	/	/	<=23	Pass
		Outer_Fu II	12.89	/	/	18.22	/	/	<=23	Pass
		Inner_Ful I	12.89	/	/	18.22	/	/	<=23	Pass
		Inner_1R B_Left	11.96	/	/	17.29	/	/	<=23	Pass
		Inner_1R B_Right	12.75	/	/	18.08	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	13.50	/	/	18.83	/	/	<=23	Pass
		Edge_1R B_Right	13.78	/	/	19.11	/	/	<=23	Pass
		Outer_Fu II	13.96	/	/	19.29	/	/	<=23	Pass
		Inner_Ful I	13.89	/	/	19.22	/	/	<=23	Pass
		Inner_1R B_Left	13.58	/	/	18.91	/	/	<=23	Pass

		Inner_1R B_Right	13.50	/	/	18.83	/	/	<=23	Pass
	3690	Edge_1R B_Left	13.87	/	/	19.20	/	/	<=23	Pass
		Edge_1R B_Right	13.84	/	/	19.17	/	/	<=23	Pass
		Outer_Fu II	14.22	/	/	19.55	/	/	<=23	Pass
		Inner_Ful I	14.25	/	/	19.58	/	/	<=23	Pass
		Inner_1R B_Left	13.93	/	/	19.26	/	/	<=23	Pass
		Inner_1R B_Right	13.94	/	/	19.27	/	/	<=23	Pass
			Edge_1R B_Left	12.34	/	/	17.67	/	/	<=23
CP- OFDM QPSK	3560.01	Edge_1R B_Right	13.16	/	/	18.49	/	/	<=23	Pass
		Outer_Fu II	12.95	/	/	18.28	/	/	<=23	Pass
		Inner_Ful I	12.85	/	/	18.18	/	/	<=23	Pass
		Inner_1R B_Left	12.40	/	/	17.73	/	/	<=23	Pass
		Inner_1R B_Right	13.28	/	/	18.61	/	/	<=23	Pass
		Edge_1R B_Left	13.99	/	/	19.32	/	/	<=23	Pass
	3624.99	Edge_1R B_Right	13.83	/	/	19.16	/	/	<=23	Pass
		Outer_Fu II	13.88	/	/	19.21	/	/	<=23	Pass
		Inner_Ful I	13.95	/	/	19.28	/	/	<=23	Pass
		Inner_1R B_Left	13.91	/	/	19.24	/	/	<=23	Pass
		Inner_1R B_Right	13.95	/	/	19.28	/	/	<=23	Pass
		Edge_1R B_Left	14.26	/	/	19.59	/	/	<=23	Pass
	3690	Edge_1R B_Right	14.20	/	/	19.53	/	/	<=23	Pass
		Outer_Fu II	14.28	/	/	19.61	/	/	<=23	Pass
		Inner_Ful I	14.28	/	/	19.61	/	/	<=23	Pass
		Inner_1R B_Left	14.27	/	/	19.60	/	/	<=23	Pass
		Inner_1R B_Right	14.12	/	/	19.45	/	/	<=23	Pass
		Edge_1R B_Left	12.22	/	/	17.55	/	/	<=23	Pass
CP- OFDM 16 QAM	3560.01	Edge_1R B_Right	13.36	/	/	18.69	/	/	<=23	Pass
		Outer_Fu II	12.98	/	/	18.31	/	/	<=23	Pass
		Inner_Ful I	13.04	/	/	18.37	/	/	<=23	Pass
		Inner_1R B_Left	12.28	/	/	17.61	/	/	<=23	Pass
		Inner_1R	13.15	/	/	18.48	/	/	<=23	Pass

		B_Right								
	3624.99	Edge_1R B_Left	13.80	/	/	19.13	/	/	<=23	Pass
		Edge_1R B_Right	13.71	/	/	19.04	/	/	<=23	Pass
		Outer_Fu II	13.92	/	/	19.25	/	/	<=23	Pass
		Inner_Ful I	13.99	/	/	19.32	/	/	<=23	Pass
		Inner_1R B_Left	13.88	/	/	19.21	/	/	<=23	Pass
		Inner_1R B_Right	13.74	/	/	19.07	/	/	<=23	Pass
	3690	Edge_1R B_Left	14.03	/	/	19.36	/	/	<=23	Pass
		Edge_1R B_Right	14.12	/	/	19.45	/	/	<=23	Pass
		Outer_Fu II	14.15	/	/	19.48	/	/	<=23	Pass
		Inner_Ful I	14.25	/	/	19.58	/	/	<=23	Pass
		Inner_1R B_Left	14.16	/	/	19.49	/	/	<=23	Pass
		Inner_1R B_Right	14.13	/	/	19.46	/	/	<=23	Pass
CP- OFDM 64 QAM	3560.01	Edge_1R B_Left	12.57	/	/	17.90	/	/	<=23	Pass
		Edge_1R B_Right	13.17	/	/	18.50	/	/	<=23	Pass
		Outer_Fu II	12.92	/	/	18.25	/	/	<=23	Pass
		Inner_Ful I	12.87	/	/	18.20	/	/	<=23	Pass
		Inner_1R B_Left	12.53	/	/	17.86	/	/	<=23	Pass
		Inner_1R B_Right	13.30	/	/	18.63	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	14.07	/	/	19.40	/	/	<=23	Pass
		Edge_1R B_Right	14.14	/	/	19.47	/	/	<=23	Pass
		Outer_Fu II	13.86	/	/	19.19	/	/	<=23	Pass
		Inner_Ful I	14.01	/	/	19.34	/	/	<=23	Pass
		Inner_1R B_Left	14.03	/	/	19.36	/	/	<=23	Pass
		Inner_1R B_Right	14.06	/	/	19.39	/	/	<=23	Pass
	3690	Edge_1R B_Left	14.14	/	/	19.47	/	/	<=23	Pass
		Edge_1R B_Right	14.27	/	/	19.60	/	/	<=23	Pass
		Outer_Fu II	14.31	/	/	19.64	/	/	<=23	Pass
		Inner_Ful I	14.33	/	/	19.66	/	/	<=23	Pass
		Inner_1R B_Left	14.39	/	/	19.72	/	/	<=23	Pass
		Inner_1R B_Right	14.38	/	/	19.71	/	/	<=23	Pass

CP-OFDM 256 QAM	3560.01	Edge_1R B_Left	12.03	/	/	17.36	/	/	<=23	Pass
		Edge_1R B_Right	12.72	/	/	18.05	/	/	<=23	Pass
		Outer_Fu ll	12.85	/	/	18.18	/	/	<=23	Pass
		Inner_Ful l	12.88	/	/	18.21	/	/	<=23	Pass
		Inner_1R B_Left	11.90	/	/	17.23	/	/	<=23	Pass
		Inner_1R B_Right	12.74	/	/	18.07	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	13.47	/	/	18.80	/	/	<=23	Pass
		Edge_1R B_Right	13.41	/	/	18.74	/	/	<=23	Pass
		Outer_Fu ll	14.01	/	/	19.34	/	/	<=23	Pass
		Inner_Ful l	13.86	/	/	19.19	/	/	<=23	Pass
		Inner_1R B_Left	13.60	/	/	18.93	/	/	<=23	Pass
		Inner_1R B_Right	13.50	/	/	18.83	/	/	<=23	Pass
	3690	Edge_1R B_Left	13.66	/	/	18.99	/	/	<=23	Pass
		Edge_1R B_Right	13.80	/	/	19.13	/	/	<=23	Pass
		Outer_Fu ll	14.35	/	/	19.68	/	/	<=23	Pass
		Inner_Ful l	14.19	/	/	19.52	/	/	<=23	Pass
		Inner_1R B_Left	13.79	/	/	19.12	/	/	<=23	Pass
		Inner_1R B_Right	13.75	/	/	19.08	/	/	<=23	Pass
Note1: Antenna Gain: Ant1: 5.33dBi; Ant2: 5.33dBi; 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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3560.01	Edge_1R B_Left	15.08	/	/	20.41	/	/	<=23	Pass
		Edge_1R B_Right	15.38	/	/	20.71	/	/	<=23	Pass
		Outer_Fu ll	12.20	/	/	17.53	/	/	<=23	Pass
		Inner_Ful l	15.39	/	/	20.72	/	/	<=23	Pass
		Inner_1R B_Left	14.43	/	/	19.76	/	/	<=23	Pass
		Inner_1R	14.84	/	/	20.17	/	/	<=23	Pass

		B_Right								
	3624.99	Edge_1R B_Left	15.42	/	/	20.75	/	/	<=23	Pass
		Edge_1R B_Right	15.53	/	/	20.86	/	/	<=23	Pass
		Outer_Fu II	12.74	/	/	18.07	/	/	<=23	Pass
		Inner_Ful I	15.45	/	/	20.78	/	/	<=23	Pass
		Inner_1R B_Left	15.49	/	/	20.82	/	/	<=23	Pass
		Inner_1R B_Right	15.53	/	/	20.86	/	/	<=23	Pass
	3690	Edge_1R B_Left	16.58	/	/	21.91	/	/	<=23	Pass
		Edge_1R B_Right	17.00	/	/	22.33	/	/	<=23	Pass
		Outer_Fu II	13.81	/	/	19.14	/	/	<=23	Pass
		Inner_Ful I	16.22	/	/	21.55	/	/	<=23	Pass
		Inner_1R B_Left	16.23	/	/	21.56	/	/	<=23	Pass
		Inner_1R B_Right	16.90	/	/	22.23	/	/	<=23	Pass
DFT-s-OFDM QPSK	3560.01	Edge_1R B_Left	15.21	/	/	20.54	/	/	<=23	Pass
		Edge_1R B_Right	14.66	/	/	19.99	/	/	<=23	Pass
		Outer_Fu II	12.69	/	/	18.02	/	/	<=23	Pass
		Inner_Ful I	14.96	/	/	20.29	/	/	<=23	Pass
		Inner_1R B_Left	15.21	/	/	20.54	/	/	<=23	Pass
		Inner_1R B_Right	14.79	/	/	20.12	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	15.66	/	/	20.99	/	/	<=23	Pass
		Edge_1R B_Right	16.03	/	/	21.36	/	/	<=23	Pass
		Outer_Fu II	13.21	/	/	18.54	/	/	<=23	Pass
		Inner_Ful I	15.99	/	/	21.32	/	/	<=23	Pass
		Inner_1R B_Left	15.98	/	/	21.31	/	/	<=23	Pass
		Inner_1R B_Right	15.82	/	/	21.15	/	/	<=23	Pass
	3690	Edge_1R B_Left	16.71	/	/	22.04	/	/	<=23	Pass
		Edge_1R B_Right	17.34	/	/	22.67	/	/	<=23	Pass
		Outer_Fu II	14.11	/	/	19.44	/	/	<=23	Pass
		Inner_Ful I	17.04	/	/	22.37	/	/	<=23	Pass
		Inner_1R B_Left	16.77	/	/	22.10	/	/	<=23	Pass
		Inner_1R B_Right	16.70	/	/	22.03	/	/	<=23	Pass

DFT-s-OFDM 16 QAM	3560.01	Edge_1R B_Left	14.79	/	/	20.12	/	/	<=23	Pass
		Edge_1R B_Right	14.49	/	/	19.82	/	/	<=23	Pass
		Outer_Fu II	12.38	/	/	17.71	/	/	<=23	Pass
		Inner_Ful I	15.36	/	/	20.69	/	/	<=23	Pass
		Inner_1R B_Left	14.88	/	/	20.21	/	/	<=23	Pass
		Inner_1R B_Right	14.71	/	/	20.04	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	15.57	/	/	20.90	/	/	<=23	Pass
		Edge_1R B_Right	15.98	/	/	21.31	/	/	<=23	Pass
		Outer_Fu II	13.28	/	/	18.61	/	/	<=23	Pass
		Inner_Ful I	16.15	/	/	21.48	/	/	<=23	Pass
		Inner_1R B_Left	16.38	/	/	21.71	/	/	<=23	Pass
		Inner_1R B_Right	15.62	/	/	20.95	/	/	<=23	Pass
	3690	Edge_1R B_Left	16.75	/	/	22.08	/	/	<=23	Pass
		Edge_1R B_Right	17.25	/	/	22.58	/	/	<=23	Pass
		Outer_Fu II	14.19	/	/	19.52	/	/	<=23	Pass
		Inner_Ful I	16.59	/	/	21.92	/	/	<=23	Pass
		Inner_1R B_Left	16.30	/	/	21.63	/	/	<=23	Pass
		Inner_1R B_Right	17.19	/	/	22.52	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3560.01	Edge_1R B_Left	15.48	/	/	20.81	/	/	<=23	Pass
		Edge_1R B_Right	14.59	/	/	19.92	/	/	<=23	Pass
		Outer_Fu II	12.13	/	/	17.46	/	/	<=23	Pass
		Inner_Ful I	15.13	/	/	20.46	/	/	<=23	Pass
		Inner_1R B_Left	14.93	/	/	20.26	/	/	<=23	Pass
		Inner_1R B_Right	15.41	/	/	20.74	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	16.09	/	/	21.42	/	/	<=23	Pass
		Edge_1R B_Right	16.20	/	/	21.53	/	/	<=23	Pass
		Outer_Fu II	13.84	/	/	19.17	/	/	<=23	Pass
		Inner_Ful I	15.72	/	/	21.05	/	/	<=23	Pass
		Inner_1R B_Left	15.75	/	/	21.08	/	/	<=23	Pass
		Inner_1R B_Right	15.90	/	/	21.23	/	/	<=23	Pass
3690	Edge_1R	16.51	/	/	21.84	/	/	<=23	Pass	

		B_Left								
		Edge_1R B_Right	16.22	/	/	21.55	/	/	<=23	Pass
		Outer_Fu II	14.77	/	/	20.10	/	/	<=23	Pass
		Inner_Ful I	16.90	/	/	22.23	/	/	<=23	Pass
		Inner_1R B_Left	17.11	/	/	22.44	/	/	<=23	Pass
		Inner_1R B_Right	17.27	/	/	22.60	/	/	<=23	Pass
DFT-s- OFDM 256 QAM	3560.01	Edge_1R B_Left	14.84	/	/	20.17	/	/	<=23	Pass
		Edge_1R B_Right	14.56	/	/	19.89	/	/	<=23	Pass
		Outer_Fu II	12.63	/	/	17.96	/	/	<=23	Pass
		Inner_Ful I	14.73	/	/	20.06	/	/	<=23	Pass
		Inner_1R B_Left	14.58	/	/	19.91	/	/	<=23	Pass
		Inner_1R B_Right	14.26	/	/	19.59	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	15.39	/	/	20.72	/	/	<=23	Pass
		Edge_1R B_Right	15.27	/	/	20.60	/	/	<=23	Pass
		Outer_Fu II	13.49	/	/	18.82	/	/	<=23	Pass
		Inner_Ful I	16.03	/	/	21.36	/	/	<=23	Pass
		Inner_1R B_Left	15.80	/	/	21.13	/	/	<=23	Pass
		Inner_1R B_Right	15.77	/	/	21.10	/	/	<=23	Pass
	3690	Edge_1R B_Left	16.86	/	/	22.19	/	/	<=23	Pass
		Edge_1R B_Right	16.00	/	/	21.33	/	/	<=23	Pass
		Outer_Fu II	14.01	/	/	19.34	/	/	<=23	Pass
		Inner_Ful I	16.77	/	/	22.10	/	/	<=23	Pass
		Inner_1R B_Left	17.08	/	/	22.41	/	/	<=23	Pass
		Inner_1R B_Right	16.82	/	/	22.15	/	/	<=23	Pass
CP- OFDM QPSK	3560.01	Edge_1R B_Left	15.00	/	/	20.33	/	/	<=23	Pass
		Edge_1R B_Right	14.40	/	/	19.73	/	/	<=23	Pass
		Outer_Fu II	12.60	/	/	17.93	/	/	<=23	Pass
		Inner_Ful I	15.05	/	/	20.38	/	/	<=23	Pass
		Inner_1R B_Left	14.61	/	/	19.94	/	/	<=23	Pass
		Inner_1R B_Right	14.31	/	/	19.64	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	15.87	/	/	21.20	/	/	<=23	Pass

		Edge_1R B_Right	15.17	/	/	20.50	/	/	<=23	Pass
		Outer_Fu ll	13.37	/	/	18.70	/	/	<=23	Pass
		Inner_Ful l	15.39	/	/	20.72	/	/	<=23	Pass
		Inner_1R B_Left	16.10	/	/	21.43	/	/	<=23	Pass
		Inner_1R B_Right	15.89	/	/	21.22	/	/	<=23	Pass
		Edge_1R B_Left	16.10	/	/	21.43	/	/	<=23	Pass
	3690	Edge_1R B_Right	17.08	/	/	22.41	/	/	<=23	Pass
		Outer_Fu ll	14.05	/	/	19.38	/	/	<=23	Pass
		Inner_Ful l	16.16	/	/	21.49	/	/	<=23	Pass
		Inner_1R B_Left	15.89	/	/	21.22	/	/	<=23	Pass
		Inner_1R B_Right	17.23	/	/	22.56	/	/	<=23	Pass
		Edge_1R B_Left	14.91	/	/	20.24	/	/	<=23	Pass
CP- OFDM 16 QAM	3560.01	Edge_1R B_Right	14.59	/	/	19.92	/	/	<=23	Pass
		Outer_Fu ll	12.53	/	/	17.86	/	/	<=23	Pass
		Inner_Ful l	14.84	/	/	20.17	/	/	<=23	Pass
		Inner_1R B_Left	14.27	/	/	19.60	/	/	<=23	Pass
		Inner_1R B_Right	15.00	/	/	20.33	/	/	<=23	Pass
		Edge_1R B_Left	15.75	/	/	21.08	/	/	<=23	Pass
	3624.99	Edge_1R B_Right	15.58	/	/	20.91	/	/	<=23	Pass
		Outer_Fu ll	13.51	/	/	18.84	/	/	<=23	Pass
		Inner_Ful l	15.99	/	/	21.32	/	/	<=23	Pass
		Inner_1R B_Left	15.79	/	/	21.12	/	/	<=23	Pass
		Inner_1R B_Right	16.15	/	/	21.48	/	/	<=23	Pass
		Edge_1R B_Left	16.54	/	/	21.87	/	/	<=23	Pass
	3690	Edge_1R B_Right	16.93	/	/	22.26	/	/	<=23	Pass
		Outer_Fu ll	14.21	/	/	19.54	/	/	<=23	Pass
		Inner_Ful l	16.39	/	/	21.72	/	/	<=23	Pass
		Inner_1R B_Left	16.05	/	/	21.38	/	/	<=23	Pass
		Inner_1R B_Right	16.62	/	/	21.95	/	/	<=23	Pass
		Edge_1R B_Left	14.84	/	/	20.17	/	/	<=23	Pass
CP- OFDM 64 QAM	3560.01	Edge_1R	15.07	/	/	20.40	/	/	<=23	Pass

CP-OFDM 256 QAM	3624.99	B_Right								
		Outer_Fu II	12.13	/	/	17.46	/	/	<=23	Pass
		Inner_Ful I	15.27	/	/	20.60	/	/	<=23	Pass
		Inner_1R B_Left	15.32	/	/	20.65	/	/	<=23	Pass
	3690	Inner_1R B_Right	14.69	/	/	20.02	/	/	<=23	Pass
		Edge_1R B_Left	16.17	/	/	21.50	/	/	<=23	Pass
		Edge_1R B_Right	16.66	/	/	21.99	/	/	<=23	Pass
		Outer_Fu II	13.61	/	/	18.94	/	/	<=23	Pass
		Inner_Ful I	15.86	/	/	21.19	/	/	<=23	Pass
		Inner_1R B_Left	15.83	/	/	21.16	/	/	<=23	Pass
	3560.01	Inner_1R B_Right	15.77	/	/	21.10	/	/	<=23	Pass
		Edge_1R B_Left	15.75	/	/	21.08	/	/	<=23	Pass
		Edge_1R B_Right	16.69	/	/	22.02	/	/	<=23	Pass
		Outer_Fu II	14.27	/	/	19.60	/	/	<=23	Pass
		Inner_Ful I	16.62	/	/	21.95	/	/	<=23	Pass
		Inner_1R B_Left	16.72	/	/	22.05	/	/	<=23	Pass
	3624.99	Inner_1R B_Right	16.92	/	/	22.25	/	/	<=23	Pass
		Edge_1R B_Left	14.10	/	/	19.43	/	/	<=23	Pass
		Edge_1R B_Right	14.13	/	/	19.46	/	/	<=23	Pass
		Outer_Fu II	12.31	/	/	17.64	/	/	<=23	Pass
		Inner_Ful I	15.19	/	/	20.52	/	/	<=23	Pass
		Inner_1R B_Left	14.55	/	/	19.88	/	/	<=23	Pass
		Inner_1R B_Right	14.62	/	/	19.95	/	/	<=23	Pass
		Edge_1R B_Left	15.25	/	/	20.58	/	/	<=23	Pass
Edge_1R B_Right		14.99	/	/	20.32	/	/	<=23	Pass	
Outer_Fu II		12.91	/	/	18.24	/	/	<=23	Pass	
Inner_Ful I		15.77	/	/	21.10	/	/	<=23	Pass	
Inner_1R B_Left		14.96	/	/	20.29	/	/	<=23	Pass	
Inner_1R B_Right	15.63	/	/	20.96	/	/	<=23	Pass		
3690	Edge_1R B_Left	16.37	/	/	21.70	/	/	<=23	Pass	
	Edge_1R B_Right	16.93	/	/	22.26	/	/	<=23	Pass	

	Outer_Fu ll	14.23	/	/	19.56	/	/	<=23	Pass
	Inner_Ful l	16.40	/	/	21.73	/	/	<=23	Pass
	Inner_1R B_Left	16.01	/	/	21.34	/	/	<=23	Pass
	Inner_1R B_Right	16.60	/	/	21.93	/	/	<=23	Pass
Note1: Antenna Gain: Ant1: 5.33dBi; Ant2: 5.33dBi; Note2: EIRP=Conducted Power+Antenna Gain									

1.5 30k_SISO_30MHz_NTNV_EIRP

1.5.1 Test Result

5G NR n48 SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3565.02	Edge_1R B_Left	12.51	/	/	17.84	/	/	<=23	Pass
		Edge_1R B_Right	13.08	/	/	18.41	/	/	<=23	Pass
		Outer_Fu ll	13.00	/	/	18.33	/	/	<=23	Pass
		Inner_Ful l	13.00	/	/	18.33	/	/	<=23	Pass
		Inner_1R B_Left	12.53	/	/	17.86	/	/	<=23	Pass
		Inner_1R B_Right	13.09	/	/	18.42	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	14.15	/	/	19.48	/	/	<=23	Pass
		Edge_1R B_Right	13.88	/	/	19.21	/	/	<=23	Pass
		Outer_Fu ll	14.01	/	/	19.34	/	/	<=23	Pass
		Inner_Ful l	14.00	/	/	19.33	/	/	<=23	Pass
		Inner_1R B_Left	14.09	/	/	19.42	/	/	<=23	Pass
		Inner_1R B_Right	13.87	/	/	19.20	/	/	<=23	Pass
	3684.99	Edge_1R B_Left	14.17	/	/	19.50	/	/	<=23	Pass
		Edge_1R B_Right	14.27	/	/	19.60	/	/	<=23	Pass
		Outer_Fu ll	14.37	/	/	19.70	/	/	<=23	Pass
		Inner_Ful l	14.40	/	/	19.73	/	/	<=23	Pass
		Inner_1R B_Left	14.23	/	/	19.56	/	/	<=23	Pass
		Inner_1R B_Right	14.33	/	/	19.66	/	/	<=23	Pass
DFT-s-OFDM QPSK	3565.02	Edge_1R B_Left	12.35	/	/	17.68	/	/	<=23	Pass
		Edge_1R	13.01	/	/	18.34	/	/	<=23	Pass

DFT-s-OFDM 16 QAM	3624.99	B_Right									
		Outer_Fu II	12.93	/	/	18.26	/	/	<=23	Pass	
		Inner_Ful I	13.00	/	/	18.33	/	/	<=23	Pass	
		Inner_1R B_Left	12.34	/	/	17.67	/	/	<=23	Pass	
	3624.99	Inner_1R B_Right	12.94	/	/	18.27	/	/	<=23	Pass	
		Edge_1R B_Left	13.84	/	/	19.17	/	/	<=23	Pass	
		Edge_1R B_Right	13.72	/	/	19.05	/	/	<=23	Pass	
		Outer_Fu II	13.89	/	/	19.22	/	/	<=23	Pass	
		Inner_Ful I	13.92	/	/	19.25	/	/	<=23	Pass	
		Inner_1R B_Left	13.88	/	/	19.21	/	/	<=23	Pass	
	3684.99	Inner_1R B_Right	13.86	/	/	19.19	/	/	<=23	Pass	
		Edge_1R B_Left	14.16	/	/	19.49	/	/	<=23	Pass	
		Edge_1R B_Right	14.24	/	/	19.57	/	/	<=23	Pass	
		Outer_Fu II	14.25	/	/	19.58	/	/	<=23	Pass	
		Inner_Ful I	14.46	/	/	19.79	/	/	<=23	Pass	
		Inner_1R B_Left	14.13	/	/	19.46	/	/	<=23	Pass	
	3565.02	Inner_1R B_Right	14.33	/	/	19.66	/	/	<=23	Pass	
		Edge_1R B_Left	12.15	/	/	17.48	/	/	<=23	Pass	
		Edge_1R B_Right	12.82	/	/	18.15	/	/	<=23	Pass	
		Outer_Fu II	12.96	/	/	18.29	/	/	<=23	Pass	
		Inner_Ful I	13.01	/	/	18.34	/	/	<=23	Pass	
		Inner_1R B_Left	12.20	/	/	17.53	/	/	<=23	Pass	
		3624.99	Inner_1R B_Right	12.94	/	/	18.27	/	/	<=23	Pass
			Edge_1R B_Left	13.70	/	/	19.03	/	/	<=23	Pass
Edge_1R B_Right			13.61	/	/	18.94	/	/	<=23	Pass	
Outer_Fu II			14.05	/	/	19.38	/	/	<=23	Pass	
Inner_Ful I			13.92	/	/	19.25	/	/	<=23	Pass	
Inner_1R B_Left			13.84	/	/	19.17	/	/	<=23	Pass	
3684.99	Inner_1R B_Right	13.70	/	/	19.03	/	/	<=23	Pass		
	Edge_1R B_Left	14.06	/	/	19.39	/	/	<=23	Pass		
		Edge_1R B_Right	14.23	/	/	19.56	/	/	<=23	Pass	

		Outer_Fu II	14.27	/	/	19.60	/	/	<=23	Pass	
		Inner_Ful I	14.37	/	/	19.70	/	/	<=23	Pass	
		Inner_1R B_Left	14.00	/	/	19.33	/	/	<=23	Pass	
		Inner_1R B_Right	14.10	/	/	19.43	/	/	<=23	Pass	
DFT-s- OFDM 64 QAM	3565.02	Edge_1R B_Left	12.29	/	/	17.62	/	/	<=23	Pass	
		Edge_1R B_Right	12.92	/	/	18.25	/	/	<=23	Pass	
		Outer_Fu II	12.95	/	/	18.28	/	/	<=23	Pass	
		Inner_Ful I	13.01	/	/	18.34	/	/	<=23	Pass	
		Inner_1R B_Left	12.29	/	/	17.62	/	/	<=23	Pass	
		Inner_1R B_Right	12.97	/	/	18.30	/	/	<=23	Pass	
	3624.99	Edge_1R B_Left	13.90	/	/	19.23	/	/	<=23	Pass	
		Edge_1R B_Right	13.71	/	/	19.04	/	/	<=23	Pass	
		Outer_Fu II	13.97	/	/	19.30	/	/	<=23	Pass	
		Inner_Ful I	13.95	/	/	19.28	/	/	<=23	Pass	
		Inner_1R B_Left	13.86	/	/	19.19	/	/	<=23	Pass	
		Inner_1R B_Right	13.70	/	/	19.03	/	/	<=23	Pass	
	3684.99	Edge_1R B_Left	14.30	/	/	19.63	/	/	<=23	Pass	
		Edge_1R B_Right	14.44	/	/	19.77	/	/	<=23	Pass	
		Outer_Fu II	14.47	/	/	19.80	/	/	<=23	Pass	
		Inner_Ful I	14.42	/	/	19.75	/	/	<=23	Pass	
		Inner_1R B_Left	14.34	/	/	19.67	/	/	<=23	Pass	
		Inner_1R B_Right	14.36	/	/	19.69	/	/	<=23	Pass	
	DFT-s- OFDM 256 QAM	3565.02	Edge_1R B_Left	11.89	/	/	17.22	/	/	<=23	Pass
			Edge_1R B_Right	12.52	/	/	17.85	/	/	<=23	Pass
			Outer_Fu II	12.92	/	/	18.25	/	/	<=23	Pass
			Inner_Ful I	13.03	/	/	18.36	/	/	<=23	Pass
			Inner_1R B_Left	11.90	/	/	17.23	/	/	<=23	Pass
			Inner_1R B_Right	12.57	/	/	17.90	/	/	<=23	Pass
3624.99		Edge_1R B_Left	13.47	/	/	18.80	/	/	<=23	Pass	
		Edge_1R B_Right	13.30	/	/	18.63	/	/	<=23	Pass	
		Outer_Fu II	13.94	/	/	19.27	/	/	<=23	Pass	

		Inner_Full	13.95	/	/	19.28	/	/	<=23	Pass
		Inner_1R B_Left	13.52	/	/	18.85	/	/	<=23	Pass
		Inner_1R B_Right	13.41	/	/	18.74	/	/	<=23	Pass
	3684.99	Edge_1R B_Left	13.71	/	/	19.04	/	/	<=23	Pass
		Edge_1R B_Right	13.95	/	/	19.28	/	/	<=23	Pass
		Outer_Full	14.25	/	/	19.58	/	/	<=23	Pass
		Inner_Full	14.26	/	/	19.59	/	/	<=23	Pass
		Inner_1R B_Left	13.84	/	/	19.17	/	/	<=23	Pass
		Inner_1R B_Right	13.95	/	/	19.28	/	/	<=23	Pass
CP- OFDM QPSK	3565.02	Edge_1R B_Left	12.20	/	/	17.53	/	/	<=23	Pass
		Edge_1R B_Right	13.00	/	/	18.33	/	/	<=23	Pass
		Outer_Full	12.81	/	/	18.14	/	/	<=23	Pass
		Inner_Full	12.93	/	/	18.26	/	/	<=23	Pass
		Inner_1R B_Left	12.28	/	/	17.61	/	/	<=23	Pass
		Inner_1R B_Right	12.98	/	/	18.31	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	13.85	/	/	19.18	/	/	<=23	Pass
		Edge_1R B_Right	13.83	/	/	19.16	/	/	<=23	Pass
		Outer_Full	13.88	/	/	19.21	/	/	<=23	Pass
		Inner_Full	13.98	/	/	19.31	/	/	<=23	Pass
		Inner_1R B_Left	13.96	/	/	19.29	/	/	<=23	Pass
		Inner_1R B_Right	13.73	/	/	19.06	/	/	<=23	Pass
	3684.99	Edge_1R B_Left	14.14	/	/	19.47	/	/	<=23	Pass
		Edge_1R B_Right	14.27	/	/	19.60	/	/	<=23	Pass
		Outer_Full	14.28	/	/	19.61	/	/	<=23	Pass
		Inner_Full	14.27	/	/	19.60	/	/	<=23	Pass
		Inner_1R B_Left	14.18	/	/	19.51	/	/	<=23	Pass
		Inner_1R B_Right	14.13	/	/	19.46	/	/	<=23	Pass
CP- OFDM 16 QAM	3565.02	Edge_1R B_Left	12.33	/	/	17.66	/	/	<=23	Pass
		Edge_1R B_Right	12.98	/	/	18.31	/	/	<=23	Pass
		Outer_Full	12.96	/	/	18.29	/	/	<=23	Pass

CP-OFDM 64 QAM	3624.99	Inner_Ful I	13.00	/	/	18.33	/	/	<=23	Pass	
		Inner_1R B_Left	12.52	/	/	17.85	/	/	<=23	Pass	
		Inner_1R B_Right	12.97	/	/	18.30	/	/	<=23	Pass	
	3624.99	Edge_1R B_Left	13.78	/	/	19.11	/	/	<=23	Pass	
		Edge_1R B_Right	13.75	/	/	19.08	/	/	<=23	Pass	
		Outer_Fu II	14.05	/	/	19.38	/	/	<=23	Pass	
		Inner_Ful I	13.94	/	/	19.27	/	/	<=23	Pass	
		Inner_1R B_Left	13.90	/	/	19.23	/	/	<=23	Pass	
		Inner_1R B_Right	13.73	/	/	19.06	/	/	<=23	Pass	
	3684.99	Edge_1R B_Left	14.10	/	/	19.43	/	/	<=23	Pass	
		Edge_1R B_Right	14.26	/	/	19.59	/	/	<=23	Pass	
		Outer_Fu II	14.33	/	/	19.66	/	/	<=23	Pass	
		Inner_Ful I	14.37	/	/	19.70	/	/	<=23	Pass	
		Inner_1R B_Left	14.16	/	/	19.49	/	/	<=23	Pass	
		Inner_1R B_Right	14.31	/	/	19.64	/	/	<=23	Pass	
	3565.02	Edge_1R B_Left	12.35	/	/	17.68	/	/	<=23	Pass	
		Edge_1R B_Right	13.11	/	/	18.44	/	/	<=23	Pass	
		Outer_Fu II	12.98	/	/	18.31	/	/	<=23	Pass	
		Inner_Ful I	12.95	/	/	18.28	/	/	<=23	Pass	
		Inner_1R B_Left	12.41	/	/	17.74	/	/	<=23	Pass	
		Inner_1R B_Right	13.10	/	/	18.43	/	/	<=23	Pass	
		3624.99	Edge_1R B_Left	14.03	/	/	19.36	/	/	<=23	Pass
			Edge_1R B_Right	13.79	/	/	19.12	/	/	<=23	Pass
			Outer_Fu II	13.92	/	/	19.25	/	/	<=23	Pass
Inner_Ful I			13.95	/	/	19.28	/	/	<=23	Pass	
Inner_1R B_Left			14.04	/	/	19.37	/	/	<=23	Pass	
Inner_1R B_Right			13.89	/	/	19.22	/	/	<=23	Pass	
3684.99	Edge_1R B_Left	14.31	/	/	19.64	/	/	<=23	Pass		
	Edge_1R B_Right	14.47	/	/	19.80	/	/	<=23	Pass		
	Outer_Fu II	14.37	/	/	19.70	/	/	<=23	Pass		
	Inner_Ful I	14.48	/	/	19.81	/	/	<=23	Pass		

		I								
		Inner_1R B_Left	14.48	/	/	19.81	/	/	<=23	Pass
		Inner_1R B_Right	14.35	/	/	19.68	/	/	<=23	Pass
CP- OFDM 256 QAM	3565.02	Edge_1R B_Left	11.84	/	/	17.17	/	/	<=23	Pass
		Edge_1R B_Right	12.51	/	/	17.84	/	/	<=23	Pass
		Outer_Fu ll	13.00	/	/	18.33	/	/	<=23	Pass
		Inner_Ful l	12.99	/	/	18.32	/	/	<=23	Pass
		Inner_1R B_Left	11.83	/	/	17.16	/	/	<=23	Pass
		Inner_1R B_Right	12.52	/	/	17.85	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	13.46	/	/	18.79	/	/	<=23	Pass
		Edge_1R B_Right	13.48	/	/	18.81	/	/	<=23	Pass
		Outer_Fu ll	13.88	/	/	19.21	/	/	<=23	Pass
		Inner_Ful l	13.97	/	/	19.30	/	/	<=23	Pass
		Inner_1R B_Left	13.53	/	/	18.86	/	/	<=23	Pass
		Inner_1R B_Right	13.33	/	/	18.66	/	/	<=23	Pass
	3684.99	Edge_1R B_Left	13.81	/	/	19.14	/	/	<=23	Pass
		Edge_1R B_Right	13.91	/	/	19.24	/	/	<=23	Pass
		Outer_Fu ll	14.39	/	/	19.72	/	/	<=23	Pass
		Inner_Ful l	14.35	/	/	19.68	/	/	<=23	Pass
		Inner_1R B_Left	13.99	/	/	19.32	/	/	<=23	Pass
		Inner_1R B_Right	13.86	/	/	19.19	/	/	<=23	Pass
Note1: Antenna Gain: Ant1: 5.33dBi; Ant2: 5.33dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.6 30k_SISO_30MHz_NTNV_EIRP/10MHz

1.6.1 Test Result

5G NR n48 SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3565.02	Edge_1R B_Left	14.67	/	/	20.00	/	/	<=23	Pass
		Edge_1R B_Right	15.26	/	/	20.59	/	/	<=23	Pass
		Outer_Fu ll	10.29	/	/	15.62	/	/	<=23	Pass

DFT-s-OFDM QPSK	3624.99	Inner_Ful I	13.43	/	/	18.76	/	/	<=23	Pass	
		Inner_1R B_Left	15.05	/	/	20.38	/	/	<=23	Pass	
		Inner_1R B_Right	15.20	/	/	20.53	/	/	<=23	Pass	
		Edge_1R B_Left	15.78	/	/	21.11	/	/	<=23	Pass	
		Edge_1R B_Right	15.70	/	/	21.03	/	/	<=23	Pass	
		Outer_Fu II	11.51	/	/	16.84	/	/	<=23	Pass	
		Inner_Ful I	14.53	/	/	19.86	/	/	<=23	Pass	
		Inner_1R B_Left	15.64	/	/	20.97	/	/	<=23	Pass	
		Inner_1R B_Right	15.58	/	/	20.91	/	/	<=23	Pass	
	3684.99	Edge_1R B_Left	16.56	/	/	21.89	/	/	<=23	Pass	
		Edge_1R B_Right	16.36	/	/	21.69	/	/	<=23	Pass	
		Outer_Fu II	11.95	/	/	17.28	/	/	<=23	Pass	
		Inner_Ful I	15.15	/	/	20.48	/	/	<=23	Pass	
		Inner_1R B_Left	16.73	/	/	22.06	/	/	<=23	Pass	
		Inner_1R B_Right	16.57	/	/	21.90	/	/	<=23	Pass	
	3565.02	Edge_1R B_Left	14.83	/	/	20.16	/	/	<=23	Pass	
		Edge_1R B_Right	14.78	/	/	20.11	/	/	<=23	Pass	
		Outer_Fu II	10.87	/	/	16.20	/	/	<=23	Pass	
		Inner_Ful I	14.12	/	/	19.45	/	/	<=23	Pass	
		Inner_1R B_Left	13.78	/	/	19.11	/	/	<=23	Pass	
		Inner_1R B_Right	15.09	/	/	20.42	/	/	<=23	Pass	
		3624.99	Edge_1R B_Left	15.44	/	/	20.77	/	/	<=23	Pass
			Edge_1R B_Right	15.91	/	/	21.24	/	/	<=23	Pass
			Outer_Fu II	11.72	/	/	17.05	/	/	<=23	Pass
Inner_Ful I			14.54	/	/	19.87	/	/	<=23	Pass	
Inner_1R B_Left			16.29	/	/	21.62	/	/	<=23	Pass	
Inner_1R B_Right			14.87	/	/	20.20	/	/	<=23	Pass	
3684.99	Edge_1R B_Left	16.79	/	/	22.12	/	/	<=23	Pass		
	Edge_1R B_Right	17.09	/	/	22.42	/	/	<=23	Pass		
	Outer_Fu II	12.07	/	/	17.40	/	/	<=23	Pass		
	Inner_Ful I	15.10	/	/	20.43	/	/	<=23	Pass		

		I								
		Inner_1R B_Left	17.44	/	/	22.77	/	/	<=23	Pass
		Inner_1R B_Right	16.43	/	/	21.76	/	/	<=23	Pass
DFT-s- OFDM 16 QAM	3565.02	Edge_1R B_Left	14.93	/	/	20.26	/	/	<=23	Pass
		Edge_1R B_Right	14.90	/	/	20.23	/	/	<=23	Pass
		Outer_Fu II	10.56	/	/	15.89	/	/	<=23	Pass
		Inner_Ful I	14.18	/	/	19.51	/	/	<=23	Pass
		Inner_1R B_Left	14.23	/	/	19.56	/	/	<=23	Pass
		Inner_1R B_Right	14.74	/	/	20.07	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	14.75	/	/	20.08	/	/	<=23	Pass
		Edge_1R B_Right	16.03	/	/	21.36	/	/	<=23	Pass
		Outer_Fu II	11.36	/	/	16.69	/	/	<=23	Pass
		Inner_Ful I	14.73	/	/	20.06	/	/	<=23	Pass
		Inner_1R B_Left	14.41	/	/	19.74	/	/	<=23	Pass
		Inner_1R B_Right	15.10	/	/	20.43	/	/	<=23	Pass
	3684.99	Edge_1R B_Left	17.14	/	/	22.47	/	/	<=23	Pass
		Edge_1R B_Right	16.38	/	/	21.71	/	/	<=23	Pass
		Outer_Fu II	12.17	/	/	17.50	/	/	<=23	Pass
		Inner_Ful I	15.67	/	/	21.00	/	/	<=23	Pass
		Inner_1R B_Left	16.57	/	/	21.90	/	/	<=23	Pass
		Inner_1R B_Right	17.28	/	/	22.61	/	/	<=23	Pass
DFT-s- OFDM 64 QAM	3565.02	Edge_1R B_Left	14.54	/	/	19.87	/	/	<=23	Pass
		Edge_1R B_Right	15.20	/	/	20.53	/	/	<=23	Pass
		Outer_Fu II	10.86	/	/	16.19	/	/	<=23	Pass
		Inner_Ful I	14.06	/	/	19.39	/	/	<=23	Pass
		Inner_1R B_Left	14.23	/	/	19.56	/	/	<=23	Pass
		Inner_1R B_Right	15.82	/	/	21.15	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	15.93	/	/	21.26	/	/	<=23	Pass
		Edge_1R B_Right	16.11	/	/	21.44	/	/	<=23	Pass
		Outer_Fu II	11.98	/	/	17.31	/	/	<=23	Pass
		Inner_Ful I	15.10	/	/	20.43	/	/	<=23	Pass

		Inner_1R B_Left	15.08	/	/	20.41	/	/	<=23	Pass
		Inner_1R B_Right	15.61	/	/	20.94	/	/	<=23	Pass
	3684.99	Edge_1R B_Left	17.44	/	/	22.77	/	/	<=23	Pass
		Edge_1R B_Right	16.42	/	/	21.75	/	/	<=23	Pass
		Outer_Fu ll	12.46	/	/	17.79	/	/	<=23	Pass
		Inner_Ful l	15.88	/	/	21.21	/	/	<=23	Pass
		Inner_1R B_Left	16.66	/	/	21.99	/	/	<=23	Pass
		Inner_1R B_Right	17.18	/	/	22.51	/	/	<=23	Pass
DFT-s- OFDM 256 QAM	3565.02	Edge_1R B_Left	14.82	/	/	20.15	/	/	<=23	Pass
		Edge_1R B_Right	15.82	/	/	21.15	/	/	<=23	Pass
		Outer_Fu ll	10.61	/	/	15.94	/	/	<=23	Pass
		Inner_Ful l	13.83	/	/	19.16	/	/	<=23	Pass
		Inner_1R B_Left	14.75	/	/	20.08	/	/	<=23	Pass
		Inner_1R B_Right	14.09	/	/	19.42	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	15.16	/	/	20.49	/	/	<=23	Pass
		Edge_1R B_Right	15.40	/	/	20.73	/	/	<=23	Pass
		Outer_Fu ll	11.90	/	/	17.23	/	/	<=23	Pass
		Inner_Ful l	14.80	/	/	20.13	/	/	<=23	Pass
		Inner_1R B_Left	15.26	/	/	20.59	/	/	<=23	Pass
		Inner_1R B_Right	15.85	/	/	21.18	/	/	<=23	Pass
	3684.99	Edge_1R B_Left	16.87	/	/	22.20	/	/	<=23	Pass
		Edge_1R B_Right	16.85	/	/	22.18	/	/	<=23	Pass
		Outer_Fu ll	12.33	/	/	17.66	/	/	<=23	Pass
		Inner_Ful l	15.37	/	/	20.70	/	/	<=23	Pass
		Inner_1R B_Left	16.51	/	/	21.84	/	/	<=23	Pass
		Inner_1R B_Right	16.19	/	/	21.52	/	/	<=23	Pass
CP- OFDM QPSK	3565.02	Edge_1R B_Left	14.20	/	/	19.53	/	/	<=23	Pass
		Edge_1R B_Right	15.56	/	/	20.89	/	/	<=23	Pass
		Outer_Fu ll	10.11	/	/	15.44	/	/	<=23	Pass
		Inner_Ful l	13.66	/	/	18.99	/	/	<=23	Pass
		Inner_1R	14.62	/	/	19.95	/	/	<=23	Pass

		B_Left								
		Inner_1R B_Right	15.27	/	/	20.60	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	16.38	/	/	21.71	/	/	<=23	Pass
		Edge_1R B_Right	16.14	/	/	21.47	/	/	<=23	Pass
		Outer_Fu II	11.55	/	/	16.88	/	/	<=23	Pass
		Inner_Ful I	14.66	/	/	19.99	/	/	<=23	Pass
		Inner_1R B_Left	15.85	/	/	21.18	/	/	<=23	Pass
		Inner_1R B_Right	15.14	/	/	20.47	/	/	<=23	Pass
	3684.99	Edge_1R B_Left	16.63	/	/	21.96	/	/	<=23	Pass
		Edge_1R B_Right	17.27	/	/	22.60	/	/	<=23	Pass
		Outer_Fu II	12.14	/	/	17.47	/	/	<=23	Pass
		Inner_Ful I	14.97	/	/	20.30	/	/	<=23	Pass
		Inner_1R B_Left	16.43	/	/	21.76	/	/	<=23	Pass
		Inner_1R B_Right	16.76	/	/	22.09	/	/	<=23	Pass
CP- OFDM 16 QAM	3565.02	Edge_1R B_Left	14.80	/	/	20.13	/	/	<=23	Pass
		Edge_1R B_Right	14.47	/	/	19.80	/	/	<=23	Pass
		Outer_Fu II	10.60	/	/	15.93	/	/	<=23	Pass
		Inner_Ful I	13.94	/	/	19.27	/	/	<=23	Pass
		Inner_1R B_Left	14.31	/	/	19.64	/	/	<=23	Pass
		Inner_1R B_Right	14.66	/	/	19.99	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	14.93	/	/	20.26	/	/	<=23	Pass
		Edge_1R B_Right	16.27	/	/	21.60	/	/	<=23	Pass
		Outer_Fu II	11.62	/	/	16.95	/	/	<=23	Pass
		Inner_Ful I	14.59	/	/	19.92	/	/	<=23	Pass
		Inner_1R B_Left	14.92	/	/	20.25	/	/	<=23	Pass
		Inner_1R B_Right	16.07	/	/	21.40	/	/	<=23	Pass
	3684.99	Edge_1R B_Left	16.85	/	/	22.18	/	/	<=23	Pass
		Edge_1R B_Right	17.00	/	/	22.33	/	/	<=23	Pass
		Outer_Fu II	12.27	/	/	17.60	/	/	<=23	Pass
		Inner_Ful I	15.22	/	/	20.55	/	/	<=23	Pass
		Inner_1R B_Left	17.20	/	/	22.53	/	/	<=23	Pass

		Inner_1R B_Right	16.43	/	/	21.76	/	/	<=23	Pass
CP- OFDM 64 QAM	3565.02	Edge_1R B_Left	14.98	/	/	20.31	/	/	<=23	Pass
		Edge_1R B_Right	14.23	/	/	19.56	/	/	<=23	Pass
		Outer_Fu ll	10.08	/	/	15.41	/	/	<=23	Pass
		Inner_Ful l	13.34	/	/	18.67	/	/	<=23	Pass
		Inner_1R B_Left	14.64	/	/	19.97	/	/	<=23	Pass
		Inner_1R B_Right	16.10	/	/	21.43	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	16.74	/	/	22.07	/	/	<=23	Pass
		Edge_1R B_Right	15.79	/	/	21.12	/	/	<=23	Pass
		Outer_Fu ll	11.31	/	/	16.64	/	/	<=23	Pass
		Inner_Ful l	14.61	/	/	19.94	/	/	<=23	Pass
		Inner_1R B_Left	16.47	/	/	21.80	/	/	<=23	Pass
		Inner_1R B_Right	16.16	/	/	21.49	/	/	<=23	Pass
	3684.99	Edge_1R B_Left	17.43	/	/	22.76	/	/	<=23	Pass
		Edge_1R B_Right	16.97	/	/	22.30	/	/	<=23	Pass
		Outer_Fu ll	12.15	/	/	17.48	/	/	<=23	Pass
		Inner_Ful l	15.28	/	/	20.61	/	/	<=23	Pass
		Inner_1R B_Left	16.47	/	/	21.80	/	/	<=23	Pass
		Inner_1R B_Right	17.10	/	/	22.43	/	/	<=23	Pass
CP- OFDM 256 QAM	3565.02	Edge_1R B_Left	14.77	/	/	20.10	/	/	<=23	Pass
		Edge_1R B_Right	14.45	/	/	19.78	/	/	<=23	Pass
		Outer_Fu ll	10.48	/	/	15.81	/	/	<=23	Pass
		Inner_Ful l	13.54	/	/	18.87	/	/	<=23	Pass
		Inner_1R B_Left	14.94	/	/	20.27	/	/	<=23	Pass
		Inner_1R B_Right	14.83	/	/	20.16	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	15.35	/	/	20.68	/	/	<=23	Pass
		Edge_1R B_Right	15.16	/	/	20.49	/	/	<=23	Pass
		Outer_Fu ll	11.72	/	/	17.05	/	/	<=23	Pass
		Inner_Ful l	14.55	/	/	19.88	/	/	<=23	Pass
		Inner_1R B_Left	15.53	/	/	20.86	/	/	<=23	Pass
		Inner_1R	14.49	/	/	19.82	/	/	<=23	Pass

		B_Right								
	3684.99	Edge_1R B_Left	16.53	/	/	21.86	/	/	<=23	Pass
		Edge_1R B_Right	15.57	/	/	20.90	/	/	<=23	Pass
		Outer_Fu ll	11.88	/	/	17.21	/	/	<=23	Pass
		Inner_Ful l	14.77	/	/	20.10	/	/	<=23	Pass
		Inner_1R B_Left	16.34	/	/	21.67	/	/	<=23	Pass
		Inner_1R B_Right	16.85	/	/	22.18	/	/	<=23	Pass
Note1: Antenna Gain: Ant1: 5.33dBi; Ant2: 5.33dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.7 30k_SISO_40MHz_NTNV_EIRP

1.7.1 Test Result

5G NR n48 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 PI/2 BPSK	3570	Edge_1R B_Left	12.58	/	/	17.91	/	/	<=23	Pass
		Edge_1R B_Right	13.42	/	/	18.75	/	/	<=23	Pass
		Outer_Fu ll	13.16	/	/	18.49	/	/	<=23	Pass
		Inner_Ful l	13.28	/	/	18.61	/	/	<=23	Pass
		Inner_1R B_Left	12.52	/	/	17.85	/	/	<=23	Pass
		Inner_1R B_Right	13.44	/	/	18.77	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	13.96	/	/	19.29	/	/	<=23	Pass
		Edge_1R B_Right	13.93	/	/	19.26	/	/	<=23	Pass
		Outer_Fu ll	14.02	/	/	19.35	/	/	<=23	Pass
		Inner_Ful l	14.01	/	/	19.34	/	/	<=23	Pass
		Inner_1R B_Left	13.98	/	/	19.31	/	/	<=23	Pass
		Inner_1R B_Right	14.06	/	/	19.39	/	/	<=23	Pass
	3679.98	Edge_1R B_Left	13.89	/	/	19.22	/	/	<=23	Pass
		Edge_1R B_Right	14.38	/	/	19.71	/	/	<=23	Pass
		Outer_Fu ll	14.18	/	/	19.51	/	/	<=23	Pass
		Inner_Ful l	14.21	/	/	19.54	/	/	<=23	Pass
		Inner_1R B_Left	13.78	/	/	19.11	/	/	<=23	Pass

		Inner_1R B_Right	14.30	/	/	19.63	/	/	<=23	Pass
DFT-s- OFDM QPSK	3570	Edge_1R B_Left	12.42	/	/	17.75	/	/	<=23	Pass
		Edge_1R B_Right	13.33	/	/	18.66	/	/	<=23	Pass
		Outer_Fu ll	13.03	/	/	18.36	/	/	<=23	Pass
		Inner_Ful l	13.10	/	/	18.43	/	/	<=23	Pass
		Inner_1R B_Left	12.38	/	/	17.71	/	/	<=23	Pass
		Inner_1R B_Right	13.22	/	/	18.55	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	13.84	/	/	19.17	/	/	<=23	Pass
		Edge_1R B_Right	13.70	/	/	19.03	/	/	<=23	Pass
		Outer_Fu ll	14.06	/	/	19.39	/	/	<=23	Pass
		Inner_Ful l	14.05	/	/	19.38	/	/	<=23	Pass
		Inner_1R B_Left	13.93	/	/	19.26	/	/	<=23	Pass
		Inner_1R B_Right	13.77	/	/	19.10	/	/	<=23	Pass
	3679.98	Edge_1R B_Left	13.66	/	/	18.99	/	/	<=23	Pass
		Edge_1R B_Right	14.26	/	/	19.59	/	/	<=23	Pass
		Outer_Fu ll	14.15	/	/	19.48	/	/	<=23	Pass
		Inner_Ful l	14.24	/	/	19.57	/	/	<=23	Pass
		Inner_1R B_Left	13.68	/	/	19.01	/	/	<=23	Pass
		Inner_1R B_Right	14.25	/	/	19.58	/	/	<=23	Pass
DFT-s- OFDM 16 QAM	3570	Edge_1R B_Left	12.34	/	/	17.67	/	/	<=23	Pass
		Edge_1R B_Right	13.13	/	/	18.46	/	/	<=23	Pass
		Outer_Fu ll	13.09	/	/	18.42	/	/	<=23	Pass
		Inner_Ful l	13.22	/	/	18.55	/	/	<=23	Pass
		Inner_1R B_Left	12.25	/	/	17.58	/	/	<=23	Pass
		Inner_1R B_Right	13.18	/	/	18.51	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	13.77	/	/	19.10	/	/	<=23	Pass
		Edge_1R B_Right	13.59	/	/	18.92	/	/	<=23	Pass
		Outer_Fu ll	13.93	/	/	19.26	/	/	<=23	Pass
		Inner_Ful l	13.99	/	/	19.32	/	/	<=23	Pass
		Inner_1R B_Left	13.76	/	/	19.09	/	/	<=23	Pass
		Inner_1R	13.62	/	/	18.95	/	/	<=23	Pass

		B_Right								
	3679.98	Edge_1R B_Left	13.51	/	/	18.84	/	/	<=23	Pass
		Edge_1R B_Right	14.31	/	/	19.64	/	/	<=23	Pass
		Outer_Fu II	14.18	/	/	19.51	/	/	<=23	Pass
		Inner_Ful I	14.34	/	/	19.67	/	/	<=23	Pass
		Inner_1R B_Left	13.53	/	/	18.86	/	/	<=23	Pass
		Inner_1R B_Right	14.11	/	/	19.44	/	/	<=23	Pass
DFT-s- OFDM 64 QAM	3570	Edge_1R B_Left	12.22	/	/	17.55	/	/	<=23	Pass
		Edge_1R B_Right	13.26	/	/	18.59	/	/	<=23	Pass
		Outer_Fu II	13.08	/	/	18.41	/	/	<=23	Pass
		Inner_Ful I	13.27	/	/	18.60	/	/	<=23	Pass
		Inner_1R B_Left	12.43	/	/	17.76	/	/	<=23	Pass
		Inner_1R B_Right	13.27	/	/	18.60	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	13.94	/	/	19.27	/	/	<=23	Pass
		Edge_1R B_Right	13.74	/	/	19.07	/	/	<=23	Pass
		Outer_Fu II	14.08	/	/	19.41	/	/	<=23	Pass
		Inner_Ful I	14.11	/	/	19.44	/	/	<=23	Pass
		Inner_1R B_Left	13.88	/	/	19.21	/	/	<=23	Pass
		Inner_1R B_Right	13.67	/	/	19.00	/	/	<=23	Pass
	3679.98	Edge_1R B_Left	13.76	/	/	19.09	/	/	<=23	Pass
		Edge_1R B_Right	14.40	/	/	19.73	/	/	<=23	Pass
		Outer_Fu II	14.25	/	/	19.58	/	/	<=23	Pass
		Inner_Ful I	14.36	/	/	19.69	/	/	<=23	Pass
		Inner_1R B_Left	13.69	/	/	19.02	/	/	<=23	Pass
		Inner_1R B_Right	14.30	/	/	19.63	/	/	<=23	Pass
DFT-s- OFDM 256 QAM	3570	Edge_1R B_Left	11.99	/	/	17.32	/	/	<=23	Pass
		Edge_1R B_Right	12.93	/	/	18.26	/	/	<=23	Pass
		Outer_Fu II	13.06	/	/	18.39	/	/	<=23	Pass
		Inner_Ful I	13.21	/	/	18.54	/	/	<=23	Pass
		Inner_1R B_Left	11.99	/	/	17.32	/	/	<=23	Pass
		Inner_1R B_Right	12.96	/	/	18.29	/	/	<=23	Pass

	3624.99	Edge_1R B_Left	13.39	/	/	18.72	/	/	<=23	Pass
		Edge_1R B_Right	13.36	/	/	18.69	/	/	<=23	Pass
		Outer_Fu II	14.01	/	/	19.34	/	/	<=23	Pass
		Inner_Ful I	13.95	/	/	19.28	/	/	<=23	Pass
		Inner_1R B_Left	13.40	/	/	18.73	/	/	<=23	Pass
		Inner_1R B_Right	13.39	/	/	18.72	/	/	<=23	Pass
	3679.98	Edge_1R B_Left	13.31	/	/	18.64	/	/	<=23	Pass
		Edge_1R B_Right	13.87	/	/	19.20	/	/	<=23	Pass
		Outer_Fu II	14.27	/	/	19.60	/	/	<=23	Pass
		Inner_Ful I	14.38	/	/	19.71	/	/	<=23	Pass
		Inner_1R B_Left	13.25	/	/	18.58	/	/	<=23	Pass
		Inner_1R B_Right	13.89	/	/	19.22	/	/	<=23	Pass
CP- OFDM QPSK	3570	Edge_1R B_Left	12.30	/	/	17.63	/	/	<=23	Pass
		Edge_1R B_Right	13.14	/	/	18.47	/	/	<=23	Pass
		Outer_Fu II	13.16	/	/	18.49	/	/	<=23	Pass
		Inner_Ful I	13.18	/	/	18.51	/	/	<=23	Pass
		Inner_1R B_Left	12.25	/	/	17.58	/	/	<=23	Pass
		Inner_1R B_Right	13.18	/	/	18.51	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	13.79	/	/	19.12	/	/	<=23	Pass
		Edge_1R B_Right	13.66	/	/	18.99	/	/	<=23	Pass
		Outer_Fu II	13.95	/	/	19.28	/	/	<=23	Pass
		Inner_Ful I	14.01	/	/	19.34	/	/	<=23	Pass
		Inner_1R B_Left	13.75	/	/	19.08	/	/	<=23	Pass
		Inner_1R B_Right	13.70	/	/	19.03	/	/	<=23	Pass
3679.98	Edge_1R B_Left	13.59	/	/	18.92	/	/	<=23	Pass	
	Edge_1R B_Right	14.18	/	/	19.51	/	/	<=23	Pass	
	Outer_Fu II	14.22	/	/	19.55	/	/	<=23	Pass	
	Inner_Ful I	14.32	/	/	19.65	/	/	<=23	Pass	
	Inner_1R B_Left	13.65	/	/	18.98	/	/	<=23	Pass	
	Inner_1R B_Right	14.29	/	/	19.62	/	/	<=23	Pass	
CP-	3570	Edge_1R	12.30	/	/	17.63	/	/	<=23	Pass

OFDM 16 QAM	3624.99	B_Left									
		Edge_1R B_Right	13.20	/	/	18.53	/	/	<=23	Pass	
		Outer_Fu II	13.15	/	/	18.48	/	/	<=23	Pass	
		Inner_Ful I	13.20	/	/	18.53	/	/	<=23	Pass	
		Inner_1R B_Left	12.34	/	/	17.67	/	/	<=23	Pass	
		Inner_1R B_Right	13.09	/	/	18.42	/	/	<=23	Pass	
	3679.98	3624.99	Edge_1R B_Left	13.85	/	/	19.18	/	/	<=23	Pass
			Edge_1R B_Right	13.70	/	/	19.03	/	/	<=23	Pass
			Outer_Fu II	13.87	/	/	19.20	/	/	<=23	Pass
			Inner_Ful I	14.04	/	/	19.37	/	/	<=23	Pass
			Inner_1R B_Left	14.03	/	/	19.36	/	/	<=23	Pass
			Inner_1R B_Right	13.81	/	/	19.14	/	/	<=23	Pass
	3679.98	3679.98	Edge_1R B_Left	13.70	/	/	19.03	/	/	<=23	Pass
			Edge_1R B_Right	14.18	/	/	19.51	/	/	<=23	Pass
			Outer_Fu II	14.12	/	/	19.45	/	/	<=23	Pass
			Inner_Ful I	14.25	/	/	19.58	/	/	<=23	Pass
			Inner_1R B_Left	13.59	/	/	18.92	/	/	<=23	Pass
			Inner_1R B_Right	14.19	/	/	19.52	/	/	<=23	Pass
CP- OFDM 64 QAM	3570	Edge_1R B_Left	12.50	/	/	17.83	/	/	<=23	Pass	
		Edge_1R B_Right	13.59	/	/	18.92	/	/	<=23	Pass	
		Outer_Fu II	13.19	/	/	18.52	/	/	<=23	Pass	
		Inner_Ful I	13.13	/	/	18.46	/	/	<=23	Pass	
		Inner_1R B_Left	12.56	/	/	17.89	/	/	<=23	Pass	
		Inner_1R B_Right	13.42	/	/	18.75	/	/	<=23	Pass	
	3624.99	3624.99	Edge_1R B_Left	13.99	/	/	19.32	/	/	<=23	Pass
			Edge_1R B_Right	14.16	/	/	19.49	/	/	<=23	Pass
			Outer_Fu II	14.01	/	/	19.34	/	/	<=23	Pass
			Inner_Ful I	13.91	/	/	19.24	/	/	<=23	Pass
			Inner_1R B_Left	14.04	/	/	19.37	/	/	<=23	Pass
			Inner_1R B_Right	13.77	/	/	19.10	/	/	<=23	Pass
3679.98	3679.98	Edge_1R B_Left	13.76	/	/	19.09	/	/	<=23	Pass	

		Edge_1R B_Right	14.47	/	/	19.80	/	/	<=23	Pass
		Outer_Fu ll	14.25	/	/	19.58	/	/	<=23	Pass
		Inner_Ful l	14.33	/	/	19.66	/	/	<=23	Pass
		Inner_1R B_Left	13.76	/	/	19.09	/	/	<=23	Pass
		Inner_1R B_Right	14.37	/	/	19.70	/	/	<=23	Pass
CP- OFDM 256 QAM	3570	Edge_1R B_Left	11.86	/	/	17.19	/	/	<=23	Pass
		Edge_1R B_Right	12.86	/	/	18.19	/	/	<=23	Pass
		Outer_Fu ll	13.05	/	/	18.38	/	/	<=23	Pass
		Inner_Ful l	13.11	/	/	18.44	/	/	<=23	Pass
		Inner_1R B_Left	11.98	/	/	17.31	/	/	<=23	Pass
		Inner_1R B_Right	12.90	/	/	18.23	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	13.36	/	/	18.69	/	/	<=23	Pass
		Edge_1R B_Right	13.28	/	/	18.61	/	/	<=23	Pass
		Outer_Fu ll	14.01	/	/	19.34	/	/	<=23	Pass
		Inner_Ful l	13.99	/	/	19.32	/	/	<=23	Pass
		Inner_1R B_Left	13.36	/	/	18.69	/	/	<=23	Pass
		Inner_1R B_Right	13.28	/	/	18.61	/	/	<=23	Pass
	3679.98	Edge_1R B_Left	13.22	/	/	18.55	/	/	<=23	Pass
		Edge_1R B_Right	13.87	/	/	19.20	/	/	<=23	Pass
		Outer_Fu ll	14.15	/	/	19.48	/	/	<=23	Pass
		Inner_Ful l	14.26	/	/	19.59	/	/	<=23	Pass
		Inner_1R B_Left	13.20	/	/	18.53	/	/	<=23	Pass
		Inner_1R B_Right	13.74	/	/	19.07	/	/	<=23	Pass
Note1: Antenna Gain: Ant1: 5.33dBi; Ant2: 5.33dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.8 30k_SISO_40MHz_NTNV_EIRP/10MHz

1.8.1 Test Result

5G NR n48 SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-	3570	Edge_1R	14.58	/	/	19.91	/	/	<=23	Pass

OFDM PI/2 BPSK	3624.99	B_Left								
		Edge_1R B_Right	15.25	/	/	20.58	/	/	<=23	Pass
		Outer_Fu II	9.06	/	/	14.39	/	/	<=23	Pass
		Inner_Ful I	12.00	/	/	17.33	/	/	<=23	Pass
		Inner_1R B_Left	14.92	/	/	20.25	/	/	<=23	Pass
		Inner_1R B_Right	14.96	/	/	20.29	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	15.64	/	/	20.97	/	/	<=23	Pass
		Edge_1R B_Right	15.59	/	/	20.92	/	/	<=23	Pass
		Outer_Fu II	10.19	/	/	15.52	/	/	<=23	Pass
		Inner_Ful I	13.08	/	/	18.41	/	/	<=23	Pass
		Inner_1R B_Left	15.56	/	/	20.89	/	/	<=23	Pass
		Inner_1R B_Right	15.02	/	/	20.35	/	/	<=23	Pass
	3679.98	Edge_1R B_Left	16.36	/	/	21.69	/	/	<=23	Pass
		Edge_1R B_Right	16.67	/	/	22.00	/	/	<=23	Pass
		Outer_Fu II	11.23	/	/	16.56	/	/	<=23	Pass
		Inner_Ful I	13.56	/	/	18.89	/	/	<=23	Pass
		Inner_1R B_Left	16.49	/	/	21.82	/	/	<=23	Pass
		Inner_1R B_Right	17.43	/	/	22.76	/	/	<=23	Pass
DFT-s- OFDM QPSK	3570	Edge_1R B_Left	15.36	/	/	20.69	/	/	<=23	Pass
		Edge_1R B_Right	15.07	/	/	20.40	/	/	<=23	Pass
		Outer_Fu II	8.43	/	/	13.76	/	/	<=23	Pass
		Inner_Ful I	12.67	/	/	18.00	/	/	<=23	Pass
		Inner_1R B_Left	15.22	/	/	20.55	/	/	<=23	Pass
		Inner_1R B_Right	15.94	/	/	21.27	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	16.33	/	/	21.66	/	/	<=23	Pass
		Edge_1R B_Right	16.01	/	/	21.34	/	/	<=23	Pass
		Outer_Fu II	10.56	/	/	15.89	/	/	<=23	Pass
		Inner_Ful I	13.35	/	/	18.68	/	/	<=23	Pass
		Inner_1R B_Left	15.60	/	/	20.93	/	/	<=23	Pass
		Inner_1R B_Right	15.29	/	/	20.62	/	/	<=23	Pass
3679.98	Edge_1R B_Left	16.41	/	/	21.74	/	/	<=23	Pass	

		Edge_1R B_Right	16.88	/	/	22.21	/	/	<=23	Pass	
		Outer_Fu ll	10.61	/	/	15.94	/	/	<=23	Pass	
		Inner_Ful l	13.79	/	/	19.12	/	/	<=23	Pass	
		Inner_1R B_Left	16.99	/	/	22.32	/	/	<=23	Pass	
		Inner_1R B_Right	16.94	/	/	22.27	/	/	<=23	Pass	
		Edge_1R B_Left	15.43	/	/	20.76	/	/	<=23	Pass	
DFT-s- OFDM 16 QAM	3570	Edge_1R B_Right	15.65	/	/	20.98	/	/	<=23	Pass	
		Outer_Fu ll	9.44	/	/	14.77	/	/	<=23	Pass	
		Inner_Ful l	12.86	/	/	18.19	/	/	<=23	Pass	
		Inner_1R B_Left	15.30	/	/	20.63	/	/	<=23	Pass	
		Inner_1R B_Right	16.16	/	/	21.49	/	/	<=23	Pass	
		Edge_1R B_Left	16.02	/	/	21.35	/	/	<=23	Pass	
	3624.99	Edge_1R B_Right	15.80	/	/	21.13	/	/	<=23	Pass	
		Outer_Fu ll	9.86	/	/	15.19	/	/	<=23	Pass	
		Inner_Ful l	13.27	/	/	18.60	/	/	<=23	Pass	
		Inner_1R B_Left	15.95	/	/	21.28	/	/	<=23	Pass	
		Inner_1R B_Right	15.67	/	/	21.00	/	/	<=23	Pass	
		Edge_1R B_Left	16.38	/	/	21.71	/	/	<=23	Pass	
	3679.98	Edge_1R B_Right	17.40	/	/	22.73	/	/	<=23	Pass	
		Outer_Fu ll	10.86	/	/	16.19	/	/	<=23	Pass	
		Inner_Ful l	13.63	/	/	18.96	/	/	<=23	Pass	
		Inner_1R B_Left	17.22	/	/	22.55	/	/	<=23	Pass	
		Inner_1R B_Right	16.66	/	/	21.99	/	/	<=23	Pass	
		Edge_1R B_Left	14.93	/	/	20.26	/	/	<=23	Pass	
	DFT-s- OFDM 64 QAM	3570	Edge_1R B_Right	16.33	/	/	21.66	/	/	<=23	Pass
			Outer_Fu ll	10.15	/	/	15.48	/	/	<=23	Pass
			Inner_Ful l	12.24	/	/	17.57	/	/	<=23	Pass
			Inner_1R B_Left	15.24	/	/	20.57	/	/	<=23	Pass
			Inner_1R B_Right	14.80	/	/	20.13	/	/	<=23	Pass
			Edge_1R B_Left	15.79	/	/	21.12	/	/	<=23	Pass
3624.99		Edge_1R	15.55	/	/	20.88	/	/	<=23	Pass	

		B_Right								
		Outer_Fu II	10.78	/	/	16.11	/	/	<=23	Pass
		Inner_Ful I	13.78	/	/	19.11	/	/	<=23	Pass
		Inner_1R B_Left	15.63	/	/	20.96	/	/	<=23	Pass
		Inner_1R B_Right	16.73	/	/	22.06	/	/	<=23	Pass
	3679.98	Edge_1R B_Left	17.62	/	/	22.95	/	/	<=23	Pass
		Edge_1R B_Right	16.91	/	/	22.24	/	/	<=23	Pass
		Outer_Fu II	11.55	/	/	16.88	/	/	<=23	Pass
		Inner_Ful I	14.36	/	/	19.69	/	/	<=23	Pass
		Inner_1R B_Left	17.23	/	/	22.56	/	/	<=23	Pass
		Inner_1R B_Right	17.35	/	/	22.68	/	/	<=23	Pass
DFT-s- OFDM 256 QAM	3570	Edge_1R B_Left	14.46	/	/	19.79	/	/	<=23	Pass
		Edge_1R B_Right	15.80	/	/	21.13	/	/	<=23	Pass
		Outer_Fu II	9.76	/	/	15.09	/	/	<=23	Pass
		Inner_Ful I	12.03	/	/	17.36	/	/	<=23	Pass
		Inner_1R B_Left	14.78	/	/	20.11	/	/	<=23	Pass
		Inner_1R B_Right	14.98	/	/	20.31	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	16.08	/	/	21.41	/	/	<=23	Pass
		Edge_1R B_Right	15.52	/	/	20.85	/	/	<=23	Pass
		Outer_Fu II	10.82	/	/	16.15	/	/	<=23	Pass
		Inner_Ful I	13.45	/	/	18.78	/	/	<=23	Pass
		Inner_1R B_Left	15.67	/	/	21.00	/	/	<=23	Pass
		Inner_1R B_Right	15.34	/	/	20.67	/	/	<=23	Pass
	3679.98	Edge_1R B_Left	16.76	/	/	22.09	/	/	<=23	Pass
		Edge_1R B_Right	16.64	/	/	21.97	/	/	<=23	Pass
		Outer_Fu II	10.96	/	/	16.29	/	/	<=23	Pass
		Inner_Ful I	13.46	/	/	18.79	/	/	<=23	Pass
		Inner_1R B_Left	16.27	/	/	21.60	/	/	<=23	Pass
		Inner_1R B_Right	16.75	/	/	22.08	/	/	<=23	Pass
CP- OFDM QPSK	3570	Edge_1R B_Left	14.64	/	/	19.97	/	/	<=23	Pass
		Edge_1R B_Right	15.28	/	/	20.61	/	/	<=23	Pass

CP-OFDM 16 QAM	3624.99	Outer_Fu II	9.24	/	/	14.57	/	/	<=23	Pass
		Inner_Ful I	12.06	/	/	17.39	/	/	<=23	Pass
		Inner_1R B_Left	15.35	/	/	20.68	/	/	<=23	Pass
		Inner_1R B_Right	14.92	/	/	20.25	/	/	<=23	Pass
	3624.99	Edge_1R B_Left	15.76	/	/	21.09	/	/	<=23	Pass
		Edge_1R B_Right	15.86	/	/	21.19	/	/	<=23	Pass
		Outer_Fu II	10.55	/	/	15.88	/	/	<=23	Pass
		Inner_Ful I	13.27	/	/	18.60	/	/	<=23	Pass
		Inner_1R B_Left	16.21	/	/	21.54	/	/	<=23	Pass
		Inner_1R B_Right	16.05	/	/	21.38	/	/	<=23	Pass
	3679.98	Edge_1R B_Left	17.61	/	/	22.94	/	/	<=23	Pass
		Edge_1R B_Right	17.35	/	/	22.68	/	/	<=23	Pass
		Outer_Fu II	10.74	/	/	16.07	/	/	<=23	Pass
		Inner_Ful I	13.11	/	/	18.44	/	/	<=23	Pass
		Inner_1R B_Left	16.34	/	/	21.67	/	/	<=23	Pass
		Inner_1R B_Right	16.75	/	/	22.08	/	/	<=23	Pass
	3570	Edge_1R B_Left	15.20	/	/	20.53	/	/	<=23	Pass
		Edge_1R B_Right	16.19	/	/	21.52	/	/	<=23	Pass
		Outer_Fu II	9.51	/	/	14.84	/	/	<=23	Pass
		Inner_Ful I	12.31	/	/	17.64	/	/	<=23	Pass
		Inner_1R B_Left	14.72	/	/	20.05	/	/	<=23	Pass
Inner_1R B_Right		15.05	/	/	20.38	/	/	<=23	Pass	
3624.99	Edge_1R B_Left	16.52	/	/	21.85	/	/	<=23	Pass	
	Edge_1R B_Right	15.65	/	/	20.98	/	/	<=23	Pass	
	Outer_Fu II	10.28	/	/	15.61	/	/	<=23	Pass	
	Inner_Ful I	13.43	/	/	18.76	/	/	<=23	Pass	
	Inner_1R B_Left	15.69	/	/	21.02	/	/	<=23	Pass	
	Inner_1R B_Right	15.38	/	/	20.71	/	/	<=23	Pass	
3679.98	Edge_1R B_Left	16.93	/	/	22.26	/	/	<=23	Pass	
	Edge_1R B_Right	16.72	/	/	22.05	/	/	<=23	Pass	
	Outer_Fu II	10.75	/	/	16.08	/	/	<=23	Pass	

		Inner_Full	14.27	/	/	19.60	/	/	<=23	Pass	
		Inner_1R B_Left	17.11	/	/	22.44	/	/	<=23	Pass	
		Inner_1R B_Right	16.44	/	/	21.77	/	/	<=23	Pass	
CP- OFDM 64 QAM	3570	Edge_1R B_Left	15.28	/	/	20.61	/	/	<=23	Pass	
		Edge_1R B_Right	15.48	/	/	20.81	/	/	<=23	Pass	
		Outer_Full	9.00	/	/	14.33	/	/	<=23	Pass	
		Inner_Full	12.46	/	/	17.79	/	/	<=23	Pass	
		Inner_1R B_Left	14.81	/	/	20.14	/	/	<=23	Pass	
		Inner_1R B_Right	15.21	/	/	20.54	/	/	<=23	Pass	
	3624.99	Edge_1R B_Left	15.50	/	/	20.83	/	/	<=23	Pass	
		Edge_1R B_Right	16.16	/	/	21.49	/	/	<=23	Pass	
		Outer_Full	10.26	/	/	15.59	/	/	<=23	Pass	
		Inner_Full	12.84	/	/	18.17	/	/	<=23	Pass	
		Inner_1R B_Left	15.96	/	/	21.29	/	/	<=23	Pass	
		Inner_1R B_Right	16.22	/	/	21.55	/	/	<=23	Pass	
	3679.98	Edge_1R B_Left	16.04	/	/	21.37	/	/	<=23	Pass	
		Edge_1R B_Right	16.40	/	/	21.73	/	/	<=23	Pass	
		Outer_Full	11.01	/	/	16.34	/	/	<=23	Pass	
		Inner_Full	13.96	/	/	19.29	/	/	<=23	Pass	
		Inner_1R B_Left	16.82	/	/	22.15	/	/	<=23	Pass	
		Inner_1R B_Right	16.43	/	/	21.76	/	/	<=23	Pass	
	CP- OFDM 256 QAM	3570	Edge_1R B_Left	14.29	/	/	19.62	/	/	<=23	Pass
			Edge_1R B_Right	16.57	/	/	21.90	/	/	<=23	Pass
			Outer_Full	9.17	/	/	14.50	/	/	<=23	Pass
Inner_Full			11.96	/	/	17.29	/	/	<=23	Pass	
Inner_1R B_Left			15.03	/	/	20.36	/	/	<=23	Pass	
Inner_1R B_Right			15.05	/	/	20.38	/	/	<=23	Pass	
3624.99		Edge_1R B_Left	15.59	/	/	20.92	/	/	<=23	Pass	
		Edge_1R B_Right	16.21	/	/	21.54	/	/	<=23	Pass	
		Outer_Full	10.36	/	/	15.69	/	/	<=23	Pass	

3679.98	Inner_Full	13.25	/	/	18.58	/	/	<=23	Pass
	Inner_1RB_Left	15.42	/	/	20.75	/	/	<=23	Pass
	Inner_1RB_Right	16.15	/	/	21.48	/	/	<=23	Pass
	Edge_1RB_Left	16.25	/	/	21.58	/	/	<=23	Pass
	Edge_1RB_Right	16.88	/	/	22.21	/	/	<=23	Pass
	Outer_Full	10.40	/	/	15.73	/	/	<=23	Pass
	Inner_Full	13.69	/	/	19.02	/	/	<=23	Pass
	Inner_1RB_Left	16.93	/	/	22.26	/	/	<=23	Pass
	Inner_1RB_Right	16.60	/	/	21.93	/	/	<=23	Pass
Note1: Antenna Gain: Ant1: 5.33dBi; Ant2: 5.33dBi; Note2: EIRP=Conducted Power+Antenna Gain									

1.9 30k_MIMO_10MHz_NTNV_EIRP

1.9.1 Test Result

5G NR n48 SCS=30kHz MIMO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3555	Edge_1RB_Left	9.55	10.14	12.86	14.88	15.47	18.20	<=23	Pass
		Edge_1RB_Right	9.96	10.07	13.03	15.29	15.40	18.36	<=23	Pass
		Outer_Full	9.68	10.09	12.90	15.01	15.42	18.23	<=23	Pass
		Inner_Full	9.67	10.13	12.91	15.00	15.46	18.25	<=23	Pass
		Inner_1RB_Left	9.50	10.31	12.93	14.83	15.64	18.26	<=23	Pass
		Inner_1RB_Right	9.97	10.10	13.04	15.30	15.43	18.38	<=23	Pass
	3624.99	Edge_1RB_Left	11.12	10.53	13.84	16.45	15.86	19.18	<=23	Pass
		Edge_1RB_Right	11.04	10.66	13.87	16.37	15.99	19.19	<=23	Pass
		Outer_Full	10.93	10.54	13.75	16.26	15.87	19.08	<=23	Pass
		Inner_Full	11.09	10.56	13.84	16.42	15.89	19.17	<=23	Pass
		Inner_1RB_Left	11.05	10.67	13.88	16.38	16.00	19.20	<=23	Pass
		Inner_1RB_Right	11.21	10.71	13.98	16.54	16.04	19.31	<=23	Pass
	3694.98	Edge_1RB_Left	11.41	10.73	14.09	16.74	16.06	19.42	<=23	Pass
		Edge_1RB_Right	11.49	10.48	14.02	16.82	15.81	19.35	<=23	Pass
		Outer_Full	11.24	10.57	13.93	16.57	15.90	19.26	<=23	Pass

		Inner_Full	11.30	10.57	13.96	16.63	15.90	19.29	<=23	Pass	
		Inner_1R B_Left	11.40	10.60	14.03	16.73	15.93	19.36	<=23	Pass	
		Inner_1R B_Right	11.50	10.63	14.10	16.83	15.96	19.43	<=23	Pass	
CP- OFDM 16 QAM	3555	Edge_1R B_Left	9.10	10.04	12.61	14.43	15.37	17.94	<=23	Pass	
		Edge_1R B_Right	9.67	9.91	12.80	15.00	15.24	18.13	<=23	Pass	
		Outer_Full	9.60	10.02	12.82	14.93	15.35	18.16	<=23	Pass	
		Inner_Full	9.75	10.17	12.98	15.08	15.50	18.31	<=23	Pass	
		Inner_1R B_Left	9.19	10.03	12.64	14.52	15.36	17.97	<=23	Pass	
		Inner_1R B_Right	9.60	9.93	12.78	14.93	15.26	18.11	<=23	Pass	
	3624.99	Edge_1R B_Left	10.74	10.33	13.55	16.07	15.66	18.88	<=23	Pass	
		Edge_1R B_Right	10.76	10.42	13.60	16.09	15.75	18.93	<=23	Pass	
		Outer_Full	11.02	10.61	13.83	16.35	15.94	19.16	<=23	Pass	
		Inner_Full	10.89	10.63	13.78	16.22	15.96	19.10	<=23	Pass	
		Inner_1R B_Left	10.76	10.40	13.59	16.09	15.73	18.92	<=23	Pass	
		Inner_1R B_Right	10.81	10.48	13.66	16.14	15.81	18.99	<=23	Pass	
	3694.98	Edge_1R B_Left	11.20	10.38	13.82	16.53	15.71	19.15	<=23	Pass	
		Edge_1R B_Right	11.25	10.41	13.86	16.58	15.74	19.19	<=23	Pass	
		Outer_Full	11.29	10.46	13.91	16.62	15.79	19.24	<=23	Pass	
		Inner_Full	11.26	10.67	13.98	16.59	16.00	19.32	<=23	Pass	
		Inner_1R B_Left	11.09	10.33	13.74	16.42	15.66	19.07	<=23	Pass	
		Inner_1R B_Right	11.24	10.43	13.87	16.57	15.76	19.19	<=23	Pass	
	CP- OFDM 64 QAM	3555	Edge_1R B_Left	9.60	10.22	12.93	14.93	15.55	18.26	<=23	Pass
			Edge_1R B_Right	10.08	10.08	13.09	15.41	15.41	18.42	<=23	Pass
			Outer_Full	9.52	10.19	12.88	14.85	15.52	18.21	<=23	Pass
Inner_Full			9.83	10.21	13.03	15.16	15.54	18.36	<=23	Pass	
Inner_1R B_Left			9.62	10.21	12.93	14.95	15.54	18.27	<=23	Pass	
Inner_1R B_Right			10.08	10.14	13.12	15.41	15.47	18.45	<=23	Pass	
3624.99		Edge_1R B_Left	11.20	10.55	13.90	16.53	15.88	19.23	<=23	Pass	
		Edge_1R B_Right	11.15	10.60	13.90	16.48	15.93	19.22	<=23	Pass	
		Outer_Full	11.00	10.62	13.82	16.33	15.95	19.15	<=23	Pass	

CP- OFDM 256 QAM	3694.98	Inner_Full	11.06	10.73	13.91	16.39	16.06	19.24	<=23	Pass
		Inner_1R B_Left	11.24	10.55	13.92	16.57	15.88	19.25	<=23	Pass
		Inner_1R B_Right	11.28	10.69	14.00	16.61	16.02	19.34	<=23	Pass
		Edge_1R B_Left	11.53	10.60	14.10	16.86	15.93	19.43	<=23	Pass
		Edge_1R B_Right	11.61	10.59	14.14	16.94	15.92	19.47	<=23	Pass
		Outer_Full	11.30	10.50	13.93	16.63	15.83	19.26	<=23	Pass
	3555	Inner_Full	11.31	10.59	13.98	16.64	15.92	19.31	<=23	Pass
		Inner_1R B_Left	11.66	10.57	14.16	16.99	15.90	19.49	<=23	Pass
		Inner_1R B_Right	11.74	10.58	14.20	17.07	15.91	19.54	<=23	Pass
		Edge_1R B_Left	9.32	10.14	12.76	14.65	15.47	18.09	<=23	Pass
		Edge_1R B_Right	9.77	10.07	12.94	15.10	15.40	18.26	<=23	Pass
		Outer_Full	9.53	10.05	12.81	14.86	15.38	18.14	<=23	Pass
	3624.99	Inner_Full	9.58	10.07	12.84	14.91	15.40	18.17	<=23	Pass
		Inner_1R B_Left	9.42	10.19	12.83	14.75	15.52	18.16	<=23	Pass
		Inner_1R B_Right	9.84	10.21	13.04	15.17	15.54	18.37	<=23	Pass
		Edge_1R B_Left	10.93	10.58	13.77	16.26	15.91	19.10	<=23	Pass
		Edge_1R B_Right	10.86	10.60	13.74	16.19	15.93	19.07	<=23	Pass
		Outer_Full	10.85	10.52	13.70	16.18	15.85	19.03	<=23	Pass
3694.98	Inner_Full	10.95	10.67	13.82	16.28	16.00	19.15	<=23	Pass	
	Inner_1R B_Left	10.88	10.62	13.76	16.21	15.95	19.09	<=23	Pass	
	Inner_1R B_Right	10.94	10.67	13.82	16.27	16.00	19.15	<=23	Pass	
	Edge_1R B_Left	11.27	10.55	13.94	16.60	15.88	19.27	<=23	Pass	
	Edge_1R B_Right	11.21	10.54	13.90	16.54	15.87	19.23	<=23	Pass	
	Outer_Full	11.35	10.50	13.96	16.68	15.83	19.29	<=23	Pass	
3694.98	Inner_Full	11.28	10.49	13.92	16.61	15.82	19.24	<=23	Pass	
	Inner_1R B_Left	11.19	10.66	13.94	16.52	15.99	19.27	<=23	Pass	
	Inner_1R B_Right	11.42	10.55	14.02	16.75	15.88	19.35	<=23	Pass	
Note1: Antenna Gain: Ant1: 5.33dBi; Ant2: 5.33dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.10 30k_MIMO_10MHz_NTNV_EIRP/10MHz

1.10.1 Test Result

5G NR n48 SCS=30kHz MIMO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3555	Edge_1RB_Left	11.72	12.00	14.87	17.05	17.33	20.20	<=23	Pass
		Edge_1RB_Right	11.82	11.84	14.84	17.15	17.17	20.17	<=23	Pass
		Outer_Full	11.95	11.89	14.93	17.28	17.22	20.26	<=23	Pass
		Inner_Full	11.99	11.84	14.93	17.32	17.17	20.26	<=23	Pass
		Inner_1RB_Left	11.99	11.45	14.74	17.32	16.78	20.07	<=23	Pass
		Inner_1RB_Right	12.03	11.81	14.93	17.36	17.14	20.26	<=23	Pass
	3624.99	Edge_1RB_Left	11.94	12.26	15.11	17.27	17.59	20.44	<=23	Pass
		Edge_1RB_Right	12.41	12.51	15.47	17.74	17.84	20.80	<=23	Pass
		Outer_Full	12.09	12.52	15.32	17.42	17.85	20.65	<=23	Pass
		Inner_Full	12.56	12.42	15.50	17.89	17.75	20.83	<=23	Pass
		Inner_1RB_Left	12.59	12.48	15.55	17.92	17.81	20.88	<=23	Pass
		Inner_1RB_Right	12.79	12.60	15.71	18.12	17.93	21.04	<=23	Pass
	3694.98	Edge_1RB_Left	12.98	12.76	15.88	18.31	18.09	21.21	<=23	Pass
		Edge_1RB_Right	13.64	12.17	15.98	18.97	17.50	21.31	<=23	Pass
		Outer_Full	13.35	12.37	15.90	18.68	17.70	21.23	<=23	Pass
		Inner_Full	13.15	12.57	15.88	18.48	17.90	21.21	<=23	Pass
		Inner_1RB_Left	13.25	12.32	15.82	18.58	17.65	21.15	<=23	Pass
		Inner_1RB_Right	13.90	12.31	16.19	19.23	17.64	21.52	<=23	Pass
CP-OFDM 16 QAM	3555	Edge_1RB_Left	11.63	11.83	14.74	16.96	17.16	20.07	<=23	Pass
		Edge_1RB_Right	11.92	11.79	14.87	17.25	17.12	20.20	<=23	Pass
		Outer_Full	11.78	11.48	14.64	17.11	16.81	19.97	<=23	Pass
		Inner_Full	11.85	11.89	14.88	17.18	17.22	20.21	<=23	Pass
		Inner_1RB_Left	11.71	11.37	14.55	17.04	16.70	19.88	<=23	Pass
		Inner_1RB_Right	11.65	11.53	14.60	16.98	16.86	19.93	<=23	Pass
	3624.99	Edge_1RB_Left	12.08	12.46	15.28	17.41	17.79	20.61	<=23	Pass
		Edge_1RB_Right	12.18	12.32	15.26	17.51	17.65	20.59	<=23	Pass
		Outer_Full	12.31	12.51	15.42	17.64	17.84	20.75	<=23	Pass

	3694.98	Inner_Ful I	12.05	12.66	15.38	17.38	17.99	20.71	<=23	Pass		
		Inner_1R B_Left	11.95	12.89	15.46	17.28	18.22	20.79	<=23	Pass		
		Inner_1R B_Right	12.15	12.26	15.22	17.48	17.59	20.55	<=23	Pass		
		Edge_1R B_Left	13.08	12.39	15.76	18.41	17.72	21.09	<=23	Pass		
		Edge_1R B_Right	13.41	12.16	15.84	18.74	17.49	21.17	<=23	Pass		
		Outer_Fu II	13.28	12.42	15.88	18.61	17.75	21.21	<=23	Pass		
	3694.98	Inner_Ful I	13.30	12.21	15.80	18.63	17.54	21.13	<=23	Pass		
		Inner_1R B_Left	12.73	12.18	15.47	18.06	17.51	20.80	<=23	Pass		
		Inner_1R B_Right	13.76	11.95	15.96	19.09	17.28	21.29	<=23	Pass		
		CP- OFDM 64 QAM	3555	Edge_1R B_Left	12.07	11.12	14.63	17.40	16.45	19.96	<=23	Pass
				Edge_1R B_Right	12.16	11.65	14.92	17.49	16.98	20.25	<=23	Pass
				Outer_Fu II	11.90	11.62	14.77	17.23	16.95	20.10	<=23	Pass
Inner_Ful I	12.00			11.78	14.90	17.33	17.11	20.23	<=23	Pass		
Inner_1R B_Left	11.82			11.67	14.76	17.15	17.00	20.09	<=23	Pass		
Inner_1R B_Right	11.67			11.54	14.62	17.00	16.87	19.95	<=23	Pass		
3624.99	Edge_1R B_Left	12.39	12.35	15.38	17.72	17.68	20.71	<=23	Pass			
	Edge_1R B_Right	12.60	12.55	15.59	17.93	17.88	20.92	<=23	Pass			
	Outer_Fu II	12.34	12.75	15.56	17.67	18.08	20.89	<=23	Pass			
	Inner_Ful I	12.33	12.61	15.48	17.66	17.94	20.81	<=23	Pass			
	Inner_1R B_Left	12.97	12.79	15.89	18.30	18.12	21.22	<=23	Pass			
	Inner_1R B_Right	12.71	12.32	15.53	18.04	17.65	20.86	<=23	Pass			
3694.98	Edge_1R B_Left	13.66	12.29	16.04	18.99	17.62	21.37	<=23	Pass			
	Edge_1R B_Right	13.34	12.07	15.76	18.67	17.40	21.09	<=23	Pass			
	Outer_Fu II	13.36	12.32	15.88	18.69	17.65	21.21	<=23	Pass			
	Inner_Ful I	13.51	12.96	16.25	18.84	18.29	21.58	<=23	Pass			
	Inner_1R B_Left	13.28	12.73	16.02	18.61	18.06	21.35	<=23	Pass			
	Inner_1R B_Right	13.71	12.64	16.22	19.04	17.97	21.55	<=23	Pass			
CP- OFDM 256 QAM	3555	Edge_1R B_Left	12.06	12.31	15.20	17.39	17.64	20.53	<=23	Pass		
		Edge_1R B_Right	11.83	11.61	14.73	17.16	16.94	20.06	<=23	Pass		
		Outer_Fu II	11.52	11.65	14.60	16.85	16.98	19.93	<=23	Pass		
		Inner_Ful I	11.51	11.69	14.61	16.84	17.02	19.94	<=23	Pass		

		I								
		Inner_1R B_Left	12.01	11.40	14.73	17.34	16.73	20.06	<=23	Pass
		Inner_1R B_Right	11.81	11.82	14.83	17.14	17.15	20.16	<=23	Pass
	3624.99	Edge_1R B_Left	12.48	12.76	15.63	17.81	18.09	20.96	<=23	Pass
		Edge_1R B_Right	12.28	12.77	15.54	17.61	18.10	20.87	<=23	Pass
		Outer_Fu ll	12.09	12.69	15.41	17.42	18.02	20.74	<=23	Pass
		Inner_Ful l	11.97	12.74	15.38	17.30	18.07	20.71	<=23	Pass
		Inner_1R B_Left	12.56	13.19	15.90	17.89	18.52	21.23	<=23	Pass
		Inner_1R B_Right	12.66	12.84	15.76	17.99	18.17	21.09	<=23	Pass
		3694.98	Edge_1R B_Left	13.26	12.64	15.97	18.59	17.97	21.30	<=23
	Edge_1R B_Right		13.07	12.15	15.64	18.40	17.48	20.97	<=23	Pass
	Outer_Fu ll		13.22	12.63	15.95	18.55	17.96	21.28	<=23	Pass
	Inner_Ful l		13.31	12.20	15.80	18.64	17.53	21.13	<=23	Pass
	Inner_1R B_Left		13.21	12.83	16.03	18.54	18.16	21.36	<=23	Pass
	Inner_1R B_Right		13.52	12.67	16.13	18.85	18.00	21.46	<=23	Pass
Note1: Antenna Gain: Ant1: 5.33dBi; Ant2: 5.33dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.11 30k_MIMO_20MHz_NTNV_EIRP

1.11.1 Test Result

5G NR n48 SCS=30kHz MIMO 20MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3560.01	Edge_1R B_Left	9.80	10.38	13.11	15.13	15.71	18.44	<=23	Pass
		Edge_1R B_Right	10.67	10.34	13.52	16.00	15.67	18.85	<=23	Pass
		Outer_Fu ll	10.05	10.34	13.21	15.38	15.67	18.54	<=23	Pass
		Inner_Ful l	9.99	10.20	13.10	15.32	15.53	18.44	<=23	Pass
		Inner_1R B_Left	9.69	10.62	13.19	15.02	15.95	18.52	<=23	Pass
		Inner_1R B_Right	10.68	10.21	13.46	16.01	15.54	18.79	<=23	Pass
	3624.99	Edge_1R B_Left	11.36	10.73	14.07	16.69	16.06	19.40	<=23	Pass
		Edge_1R B_Right	11.26	10.75	14.03	16.59	16.08	19.35	<=23	Pass
		Outer_Fu ll	11.20	10.70	13.97	16.53	16.03	19.30	<=23	Pass

		Inner_Full	11.10	10.75	13.94	16.43	16.08	19.27	<=23	Pass
		Inner_1R B_Left	11.49	10.78	14.16	16.82	16.11	19.49	<=23	Pass
		Inner_1R B_Right	11.22	10.97	14.10	16.55	16.30	19.44	<=23	Pass
	3690	Edge_1R B_Left	11.63	10.75	14.22	16.96	16.08	19.55	<=23	Pass
		Edge_1R B_Right	11.41	10.73	14.09	16.74	16.06	19.42	<=23	Pass
		Outer_Full	11.51	10.60	14.09	16.84	15.93	19.42	<=23	Pass
		Inner_Full	11.51	10.58	14.08	16.84	15.91	19.41	<=23	Pass
		Inner_1R B_Left	11.71	10.73	14.26	17.04	16.06	19.59	<=23	Pass
		Inner_1R B_Right	11.56	10.67	14.15	16.89	16.00	19.48	<=23	Pass
CP- OFDM 16 QAM	3560.01	Edge_1R B_Left	9.37	10.18	12.80	14.70	15.51	18.13	<=23	Pass
		Edge_1R B_Right	10.24	10.08	13.17	15.57	15.41	18.50	<=23	Pass
		Outer_Full	10.04	10.32	13.19	15.37	15.65	18.52	<=23	Pass
		Inner_Full	10.08	10.30	13.20	15.41	15.63	18.53	<=23	Pass
		Inner_1R B_Left	9.36	10.27	12.85	14.69	15.60	18.18	<=23	Pass
		Inner_1R B_Right	10.42	10.10	13.27	15.75	15.43	18.60	<=23	Pass
	3624.99	Edge_1R B_Left	11.12	10.50	13.83	16.45	15.83	19.16	<=23	Pass
		Edge_1R B_Right	10.99	10.63	13.82	16.32	15.96	19.15	<=23	Pass
		Outer_Full	11.24	10.67	13.97	16.57	16.00	19.30	<=23	Pass
		Inner_Full	11.16	10.67	13.93	16.49	16.00	19.26	<=23	Pass
		Inner_1R B_Left	11.10	10.63	13.88	16.43	15.96	19.21	<=23	Pass
		Inner_1R B_Right	10.93	10.52	13.74	16.26	15.85	19.07	<=23	Pass
	3690	Edge_1R B_Left	11.45	10.50	14.01	16.78	15.83	19.34	<=23	Pass
		Edge_1R B_Right	11.28	10.49	13.92	16.61	15.82	19.24	<=23	Pass
		Outer_Full	11.48	10.71	14.12	16.81	16.04	19.45	<=23	Pass
		Inner_Full	11.50	10.59	14.08	16.83	15.92	19.41	<=23	Pass
		Inner_1R B_Left	11.36	10.53	13.98	16.69	15.86	19.31	<=23	Pass
		Inner_1R B_Right	11.31	10.52	13.94	16.64	15.85	19.27	<=23	Pass
CP- OFDM 64 QAM	3560.01	Edge_1R B_Left	9.77	10.38	13.10	15.10	15.71	18.43	<=23	Pass
		Edge_1R B_Right	10.52	10.18	13.36	15.85	15.51	18.69	<=23	Pass
		Outer_Full	10.12	10.33	13.24	15.45	15.66	18.57	<=23	Pass

CP-OFDM 256 QAM	3624.99	Inner_Ful I	10.03	10.17	13.11	15.36	15.50	18.44	<=23	Pass	
		Inner_1R B_Left	9.73	10.46	13.12	15.06	15.79	18.45	<=23	Pass	
		Inner_1R B_Right	10.57	10.16	13.38	15.90	15.49	18.71	<=23	Pass	
		Edge_1R B_Left	11.53	10.59	14.10	16.86	15.92	19.43	<=23	Pass	
		Edge_1R B_Right	11.28	10.67	13.99	16.61	16.00	19.33	<=23	Pass	
		Outer_Fu II	11.21	10.74	13.99	16.54	16.07	19.32	<=23	Pass	
		Inner_Ful I	11.15	10.65	13.92	16.48	15.98	19.25	<=23	Pass	
		Inner_1R B_Left	11.30	10.58	13.97	16.63	15.91	19.30	<=23	Pass	
		Inner_1R B_Right	11.35	10.78	14.08	16.68	16.11	19.41	<=23	Pass	
	3690	Edge_1R B_Left	11.65	10.66	14.19	16.98	15.99	19.52	<=23	Pass	
		Edge_1R B_Right	11.64	10.64	14.18	16.97	15.97	19.51	<=23	Pass	
		Outer_Fu II	11.47	10.63	14.08	16.80	15.96	19.41	<=23	Pass	
		Inner_Ful I	11.56	10.53	14.09	16.89	15.86	19.42	<=23	Pass	
		Inner_1R B_Left	11.76	10.60	14.23	17.09	15.93	19.56	<=23	Pass	
		Inner_1R B_Right	11.59	10.67	14.17	16.92	16.00	19.49	<=23	Pass	
	3624.01	3560.01	Edge_1R B_Left	9.57	10.47	13.05	14.90	15.80	18.38	<=23	Pass
			Edge_1R B_Right	10.34	10.26	13.31	15.67	15.59	18.64	<=23	Pass
			Outer_Fu II	10.11	10.32	13.23	15.44	15.65	18.56	<=23	Pass
			Inner_Ful I	10.07	10.34	13.22	15.40	15.67	18.55	<=23	Pass
			Inner_1R B_Left	9.55	10.48	13.05	14.88	15.81	18.38	<=23	Pass
			Inner_1R B_Right	10.31	10.37	13.35	15.64	15.70	18.68	<=23	Pass
		3624.99	Edge_1R B_Left	11.18	10.66	13.94	16.51	15.99	19.27	<=23	Pass
			Edge_1R B_Right	10.96	10.82	13.90	16.29	16.15	19.23	<=23	Pass
			Outer_Fu II	11.22	10.63	13.94	16.55	15.96	19.28	<=23	Pass
Inner_Ful I			11.25	10.76	14.02	16.58	16.09	19.35	<=23	Pass	
Inner_1R B_Left			11.17	10.64	13.92	16.50	15.97	19.25	<=23	Pass	
Inner_1R B_Right			11.06	10.84	13.96	16.39	16.17	19.29	<=23	Pass	
3690		Edge_1R B_Left	11.33	10.61	14.00	16.66	15.94	19.33	<=23	Pass	
		Edge_1R B_Right	11.42	10.70	14.09	16.75	16.03	19.42	<=23	Pass	
		Outer_Fu II	11.50	10.76	14.15	16.83	16.09	19.49	<=23	Pass	
		Inner_Ful I	11.38	10.57	14.00	16.71	15.90	19.33	<=23	Pass	

		I								
		Inner_1R B_Left	11.32	10.78	14.07	16.65	16.11	19.40	<=23	Pass
		Inner_1R B_Right	11.27	10.63	13.97	16.60	15.96	19.30	<=23	Pass
Note1: Antenna Gain: Ant1: 5.33dBi; Ant2: 5.33dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.12 30k_MIMO_20MHz_NTNV_EIRP/10MHz

1.12.1 Test Result

5G NR n48 SCS=30kHz MIMO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3560.01	Edge_1R B_Left	13.08	9.67	14.71	18.41	15.00	20.04	<=23	Pass
		Edge_1R B_Right	12.03	12.82	15.45	17.36	18.15	20.78	<=23	Pass
		Outer_Full	9.83	9.52	12.69	15.16	14.85	18.02	<=23	Pass
		Inner_Full	12.39	11.82	15.12	17.72	17.15	20.45	<=23	Pass
		Inner_1R B_Left	12.41	13.09	15.77	17.74	18.42	21.10	<=23	Pass
		Inner_1R B_Right	12.30	12.11	15.22	17.63	17.44	20.55	<=23	Pass
	3624.99	Edge_1R B_Left	9.41	8.92	12.18	14.74	14.25	17.51	<=23	Pass
		Edge_1R B_Right	12.45	13.15	15.82	17.78	18.48	21.15	<=23	Pass
		Outer_Full	11.36	11.12	14.25	16.69	16.45	19.58	<=23	Pass
		Inner_Full	13.64	14.00	16.83	18.97	19.33	22.16	<=23	Pass
		Inner_1R B_Left	13.22	8.40	14.46	18.55	13.73	19.79	<=23	Pass
		Inner_1R B_Right	12.74	13.64	16.22	18.07	18.97	21.55	<=23	Pass
	3690	Edge_1R B_Left	14.74	14.16	17.47	20.07	19.49	22.80	<=23	Pass
		Edge_1R B_Right	14.96	13.83	17.44	20.29	19.16	22.77	<=23	Pass
		Outer_Full	11.23	10.55	13.91	16.56	15.88	19.24	<=23	Pass
		Inner_Full	14.29	13.18	16.78	19.62	18.51	22.11	<=23	Pass
		Inner_1R B_Left	13.92	14.28	17.11	19.25	19.61	22.44	<=23	Pass
		Inner_1R B_Right	14.46	13.76	17.13	19.79	19.09	22.46	<=23	Pass
CP-OFDM 16 QAM	3560.01	Edge_1R B_Left	12.36	11.85	15.12	17.69	17.18	20.45	<=23	Pass
		Edge_1R B_Right	12.72	12.63	15.69	18.05	17.96	21.02	<=23	Pass
		Outer_Full	10.05	9.51	12.80	15.38	14.84	18.13	<=23	Pass

CP-OFDM 64 QAM	3624.99	Inner_Full	12.46	12.33	15.41	17.79	17.66	20.74	<=23	Pass	
		Inner_1RB_Left	11.56	11.35	14.47	16.89	16.68	19.80	<=23	Pass	
		Inner_1RB_Right	12.49	12.57	15.54	17.82	17.90	20.87	<=23	Pass	
	3624.99	Edge_1RB_Left	12.06	11.59	14.84	17.39	16.92	20.17	<=23	Pass	
		Edge_1RB_Right	12.35	13.94	16.23	17.68	19.27	21.56	<=23	Pass	
		Outer_Full	11.20	11.20	14.21	16.53	16.53	19.54	<=23	Pass	
		Inner_Full	13.40	13.84	16.64	18.73	19.17	21.97	<=23	Pass	
		Inner_1RB_Left	12.16	12.69	15.44	17.49	18.02	20.77	<=23	Pass	
		Inner_1RB_Right	13.39	13.00	16.21	18.72	18.33	21.54	<=23	Pass	
	3690	Edge_1RB_Left	13.76	13.47	16.63	19.09	18.80	21.96	<=23	Pass	
		Edge_1RB_Right	14.37	14.31	17.35	19.70	19.64	22.68	<=23	Pass	
		Outer_Full	11.70	11.33	14.53	17.03	16.66	19.86	<=23	Pass	
		Inner_Full	13.94	13.10	16.55	19.27	18.43	21.88	<=23	Pass	
		Inner_1RB_Left	14.24	13.28	16.80	19.57	18.61	22.13	<=23	Pass	
		Inner_1RB_Right	14.32	13.58	16.98	19.65	18.91	22.31	<=23	Pass	
	3560.01	3624.99	Edge_1RB_Left	12.36	11.04	14.76	17.69	16.37	20.09	<=23	Pass
			Edge_1RB_Right	12.15	12.40	15.29	17.48	17.73	20.62	<=23	Pass
			Outer_Full	9.83	9.42	12.64	15.16	14.75	17.97	<=23	Pass
			Inner_Full	12.02	11.79	14.92	17.35	17.12	20.25	<=23	Pass
			Inner_1RB_Left	12.44	11.07	14.82	17.77	16.40	20.15	<=23	Pass
			Inner_1RB_Right	12.28	12.56	15.43	17.61	17.89	20.76	<=23	Pass
		3624.99	Edge_1RB_Left	12.91	12.54	15.74	18.24	17.87	21.07	<=23	Pass
			Edge_1RB_Right	12.84	12.46	15.66	18.17	17.79	20.99	<=23	Pass
			Outer_Full	11.09	11.09	14.10	16.42	16.42	19.43	<=23	Pass
Inner_Full			13.68	13.54	16.62	19.01	18.87	21.95	<=23	Pass	
Inner_1RB_Left			12.50	11.96	15.25	17.83	17.29	20.58	<=23	Pass	
Inner_1RB_Right			12.76	13.86	16.36	18.09	19.19	21.69	<=23	Pass	
3690	Edge_1RB_Left	13.75	13.24	16.51	19.08	18.57	21.84	<=23	Pass		
	Edge_1RB_Right	14.83	13.44	17.20	20.16	18.77	22.53	<=23	Pass		
	Outer_Full	11.61	11.37	14.50	16.94	16.70	19.83	<=23	Pass		

		Inner_Full	14.30	13.71	17.03	19.63	19.04	22.36	<=23	Pass
		Inner_1RB_Left	13.57	13.98	16.79	18.90	19.31	22.12	<=23	Pass
		Inner_1RB_Right	14.41	13.69	17.08	19.74	19.02	22.41	<=23	Pass
CP-OFDM 256 QAM	3560.01	Edge_1RB_Left	12.69	12.68	15.70	18.02	18.01	21.03	<=23	Pass
		Edge_1RB_Right	11.88	12.62	15.28	17.21	17.95	20.61	<=23	Pass
		Outer_Full	9.64	9.72	12.69	14.97	15.05	18.02	<=23	Pass
		Inner_Full	12.11	11.83	14.98	17.44	17.16	20.31	<=23	Pass
		Inner_1RB_Left	11.93	12.24	15.10	17.26	17.57	20.43	<=23	Pass
		Inner_1RB_Right	11.12	11.63	14.39	16.45	16.96	19.72	<=23	Pass
	3624.99	Edge_1RB_Left	12.51	12.82	15.68	17.84	18.15	21.01	<=23	Pass
		Edge_1RB_Right	12.86	12.86	15.87	18.19	18.19	21.20	<=23	Pass
		Outer_Full	11.47	11.58	14.54	16.80	16.91	19.87	<=23	Pass
		Inner_Full	13.73	13.79	16.77	19.06	19.12	22.10	<=23	Pass
		Inner_1RB_Left	12.92	12.92	15.93	18.25	18.25	21.26	<=23	Pass
		Inner_1RB_Right	13.21	13.01	16.12	18.54	18.34	21.45	<=23	Pass
	3690	Edge_1RB_Left	14.80	13.42	17.17	20.13	18.75	22.50	<=23	Pass
		Edge_1RB_Right	14.62	13.21	16.98	19.95	18.54	22.31	<=23	Pass
		Outer_Full	11.59	11.27	14.44	16.92	16.60	19.77	<=23	Pass
		Inner_Full	14.67	13.91	17.32	20.00	19.24	22.65	<=23	Pass
		Inner_1RB_Left	13.43	13.22	16.34	18.76	18.55	21.67	<=23	Pass
		Inner_1RB_Right	13.85	13.46	16.67	19.18	18.79	22.00	<=23	Pass
Note1: Antenna Gain: Ant1: 5.33dBi; Ant2: 5.33dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.13 30k_MIMO_30MHz_NTNV_EIRP

1.13.1 Test Result

5G NR n48 SCS=30kHz MIMO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3565.02	Edge_1RB_Left	9.78	10.51	13.17	15.11	15.84	18.50	<=23	Pass
		Edge_1RB_Right	10.32	10.44	13.39	15.65	15.77	18.72	<=23	Pass

CP-OFDM 16 QAM	3624.99	Outer_Fu II	10.12	10.16	13.15	15.45	15.49	18.48	<=23	Pass	
		Inner_Ful I	10.24	10.20	13.23	15.57	15.53	18.56	<=23	Pass	
		Inner_1R B_Left	9.78	10.47	13.15	15.11	15.80	18.48	<=23	Pass	
		Inner_1R B_Right	10.35	10.37	13.37	15.68	15.70	18.70	<=23	Pass	
	3624.99	Edge_1R B_Left	11.40	10.71	14.08	16.73	16.04	19.41	<=23	Pass	
		Edge_1R B_Right	11.23	10.85	14.06	16.56	16.18	19.38	<=23	Pass	
		Outer_Fu II	11.16	10.66	13.93	16.49	15.99	19.26	<=23	Pass	
		Inner_Ful I	11.14	10.73	13.95	16.47	16.06	19.28	<=23	Pass	
		Inner_1R B_Left	11.46	10.84	14.17	16.79	16.17	19.50	<=23	Pass	
		Inner_1R B_Right	11.12	10.89	14.02	16.45	16.22	19.35	<=23	Pass	
	3684.99	Edge_1R B_Left	11.56	10.68	14.15	16.89	16.01	19.48	<=23	Pass	
		Edge_1R B_Right	11.69	10.76	14.26	17.02	16.09	19.59	<=23	Pass	
		Outer_Fu II	11.51	10.65	14.11	16.84	15.98	19.44	<=23	Pass	
		Inner_Ful I	11.58	10.74	14.19	16.91	16.07	19.52	<=23	Pass	
		Inner_1R B_Left	11.76	10.73	14.29	17.09	16.06	19.62	<=23	Pass	
		Inner_1R B_Right	11.75	10.73	14.28	17.08	16.06	19.61	<=23	Pass	
	3565.02	Edge_1R B_Left	9.36	10.26	12.85	14.69	15.59	18.17	<=23	Pass	
		Edge_1R B_Right	10.11	10.17	13.15	15.44	15.50	18.48	<=23	Pass	
		Outer_Fu II	10.12	10.21	13.18	15.45	15.54	18.51	<=23	Pass	
		Inner_Ful I	10.26	10.30	13.29	15.59	15.63	18.62	<=23	Pass	
		Inner_1R B_Left	9.43	10.36	12.93	14.76	15.69	18.26	<=23	Pass	
		Inner_1R B_Right	10.14	10.14	13.15	15.47	15.47	18.48	<=23	Pass	
		3624.99	Edge_1R B_Left	10.96	10.62	13.81	16.29	15.95	19.13	<=23	Pass
			Edge_1R B_Right	10.93	10.54	13.75	16.26	15.87	19.08	<=23	Pass
Outer_Fu II			11.08	10.62	13.87	16.41	15.95	19.20	<=23	Pass	
Inner_Ful I			11.19	10.63	13.93	16.52	15.96	19.26	<=23	Pass	
Inner_1R B_Left			11.11	10.63	13.88	16.44	15.96	19.22	<=23	Pass	
Inner_1R B_Right			10.83	10.66	13.76	16.16	15.99	19.09	<=23	Pass	
3684.99	Edge_1R B_Left	11.32	10.68	14.02	16.65	16.01	19.35	<=23	Pass		
	Edge_1R B_Right	11.30	10.66	14.00	16.63	15.99	19.33	<=23	Pass		
	Outer_Fu II	11.40	10.66	14.06	16.73	15.99	19.39	<=23	Pass		

		Inner_Full	11.54	10.86	14.23	16.87	16.19	19.55	<=23	Pass
		Inner_1RB_Left	11.29	10.63	13.98	16.62	15.96	19.31	<=23	Pass
		Inner_1RB_Right	11.42	10.63	14.05	16.75	15.96	19.38	<=23	Pass
CP-OFDM 64 QAM	3565.02	Edge_1RB_Left	9.70	10.42	13.08	15.03	15.75	18.42	<=23	Pass
		Edge_1RB_Right	10.47	10.36	13.43	15.80	15.69	18.76	<=23	Pass
		Outer_Full	10.15	10.19	13.18	15.48	15.52	18.51	<=23	Pass
		Inner_Full	10.18	10.10	13.15	15.51	15.43	18.48	<=23	Pass
		Inner_1RB_Left	9.71	10.50	13.13	15.04	15.83	18.46	<=23	Pass
		Inner_1RB_Right	10.51	10.31	13.42	15.84	15.64	18.75	<=23	Pass
	3624.99	Edge_1RB_Left	11.38	10.84	14.13	16.71	16.17	19.46	<=23	Pass
		Edge_1RB_Right	11.22	10.81	14.03	16.55	16.14	19.36	<=23	Pass
		Outer_Full	11.18	10.73	13.97	16.51	16.06	19.30	<=23	Pass
		Inner_Full	11.14	10.55	13.87	16.47	15.88	19.20	<=23	Pass
		Inner_1RB_Left	11.47	10.86	14.19	16.80	16.19	19.52	<=23	Pass
		Inner_1RB_Right	11.34	10.70	14.04	16.67	16.03	19.37	<=23	Pass
	3684.99	Edge_1RB_Left	11.59	10.70	14.18	16.92	16.03	19.51	<=23	Pass
		Edge_1RB_Right	11.80	10.86	14.37	17.13	16.19	19.70	<=23	Pass
		Outer_Full	11.60	10.70	14.18	16.93	16.03	19.51	<=23	Pass
		Inner_Full	11.47	10.80	14.16	16.80	16.13	19.49	<=23	Pass
		Inner_1RB_Left	11.68	10.79	14.27	17.01	16.12	19.60	<=23	Pass
		Inner_1RB_Right	11.70	10.87	14.32	17.03	16.20	19.65	<=23	Pass
CP-OFDM 256 QAM	3565.02	Edge_1RB_Left	9.49	10.45	13.01	14.82	15.78	18.34	<=23	Pass
		Edge_1RB_Right	10.09	10.25	13.18	15.42	15.58	18.51	<=23	Pass
		Outer_Full	10.16	10.15	13.17	15.49	15.48	18.50	<=23	Pass
		Inner_Full	10.32	10.17	13.26	15.65	15.50	18.59	<=23	Pass
		Inner_1RB_Left	9.54	10.32	12.96	14.87	15.65	18.29	<=23	Pass
		Inner_1RB_Right	10.24	10.42	13.34	15.57	15.75	18.67	<=23	Pass
	3624.99	Edge_1RB_Left	11.11	10.85	13.99	16.44	16.18	19.32	<=23	Pass
		Edge_1RB_Right	10.96	10.78	13.89	16.29	16.11	19.21	<=23	Pass
		Outer_Full	11.27	10.67	13.99	16.60	16.00	19.32	<=23	Pass

	3684.99	Inner_Full	11.21	10.71	13.98	16.54	16.04	19.31	<=23	Pass
		Inner_1RB_Left	11.15	10.69	13.94	16.48	16.02	19.27	<=23	Pass
		Inner_1RB_Right	11.00	10.85	13.94	16.33	16.18	19.27	<=23	Pass
	Edge_1RB_Left	11.33	10.86	14.11	16.66	16.19	19.44	<=23	Pass	
	Edge_1RB_Right	11.42	10.89	14.17	16.75	16.22	19.50	<=23	Pass	
	Outer_Full	11.61	10.85	14.25	16.94	16.18	19.59	<=23	Pass	
	Inner_Full	11.63	10.74	14.22	16.96	16.07	19.55	<=23	Pass	
	Inner_1RB_Left	11.47	10.79	14.15	16.80	16.12	19.48	<=23	Pass	
	Inner_1RB_Right	11.61	10.85	14.26	16.94	16.18	19.59	<=23	Pass	
	Note1: Antenna Gain: Ant1: 5.33dBi; Ant2: 5.33dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2									

1.14 30k_MIMO_30MHz_NTNV_EIRP/10MHz

1.14.1 Test Result

5G NR n48 SCS=30kHz MIMO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3565.02	Edge_1RB_Left	11.96	12.44	15.22	17.29	17.77	20.55	<=23	Pass
		Edge_1RB_Right	12.94	12.88	15.92	18.27	18.21	21.25	<=23	Pass
		Outer_Full	8.34	8.02	11.19	13.67	13.35	16.52	<=23	Pass
		Inner_Full	11.40	11.32	14.37	16.73	16.65	19.70	<=23	Pass
		Inner_1RB_Left	12.93	11.86	15.44	18.26	17.19	20.77	<=23	Pass
		Inner_1RB_Right	13.09	12.25	15.70	18.42	17.58	21.03	<=23	Pass
	3624.99	Edge_1RB_Left	14.97	13.38	17.26	20.30	18.71	22.59	<=23	Pass
		Edge_1RB_Right	13.72	14.22	16.99	19.05	19.55	22.32	<=23	Pass
		Outer_Full	8.80	9.22	12.03	14.13	14.55	17.36	<=23	Pass
		Inner_Full	12.32	12.42	15.38	17.65	17.75	20.71	<=23	Pass
		Inner_1RB_Left	14.13	13.10	16.66	19.46	18.43	21.99	<=23	Pass
		Inner_1RB_Right	13.87	13.17	16.54	19.20	18.50	21.87	<=23	Pass
	3684.99	Edge_1RB_Left	14.76	13.97	17.39	20.09	19.30	22.72	<=23	Pass
		Edge_1RB_Right	14.79	14.03	17.44	20.12	19.36	22.77	<=23	Pass

		Outer_Fu II	9.99	9.42	12.72	15.32	14.75	18.05	<=23	Pass	
		Inner_Ful I	12.82	11.99	15.44	18.15	17.32	20.77	<=23	Pass	
		Inner_1R B_Left	14.72	14.56	17.65	20.05	19.89	22.98	<=23	Pass	
		Inner_1R B_Right	14.47	14.01	17.26	19.80	19.34	22.59	<=23	Pass	
CP- OFDM 16 QAM	3565.02	Edge_1R B_Left	12.91	12.39	15.67	18.24	17.72	21.00	<=23	Pass	
		Edge_1R B_Right	12.48	12.82	15.66	17.81	18.15	20.99	<=23	Pass	
		Outer_Fu II	8.28	8.29	11.30	13.61	13.62	16.63	<=23	Pass	
		Inner_Ful I	11.24	11.31	14.29	16.57	16.64	19.62	<=23	Pass	
		Inner_1R B_Left	12.42	11.24	14.88	17.75	16.57	20.21	<=23	Pass	
		Inner_1R B_Right	12.82	13.67	16.28	18.15	19.00	21.61	<=23	Pass	
	3624.99	Edge_1R B_Left	12.62	13.07	15.86	17.95	18.40	21.19	<=23	Pass	
		Edge_1R B_Right	13.45	12.63	16.07	18.78	17.96	21.40	<=23	Pass	
		Outer_Fu II	9.11	9.37	12.25	14.44	14.70	17.58	<=23	Pass	
		Inner_Ful I	12.29	12.39	15.35	17.62	17.72	20.68	<=23	Pass	
		Inner_1R B_Left	12.28	11.51	14.92	17.61	16.84	20.25	<=23	Pass	
		Inner_1R B_Right	13.12	13.32	16.23	18.45	18.65	21.56	<=23	Pass	
	3684.99	Edge_1R B_Left	14.27	13.85	17.08	19.60	19.18	22.41	<=23	Pass	
		Edge_1R B_Right	14.11	14.57	17.36	19.44	19.90	22.69	<=23	Pass	
		Outer_Fu II	9.95	9.10	12.56	15.28	14.43	17.89	<=23	Pass	
		Inner_Ful I	13.21	12.28	15.78	18.54	17.61	21.11	<=23	Pass	
		Inner_1R B_Left	14.81	12.93	16.98	20.14	18.26	22.31	<=23	Pass	
		Inner_1R B_Right	13.51	14.16	16.86	18.84	19.49	22.19	<=23	Pass	
	CP- OFDM 64 QAM	3565.02	Edge_1R B_Left	12.47	12.32	15.41	17.80	17.65	20.74	<=23	Pass
			Edge_1R B_Right	12.25	13.11	15.71	17.58	18.44	21.04	<=23	Pass
			Outer_Fu II	8.35	8.03	11.20	13.68	13.36	16.53	<=23	Pass
			Inner_Ful I	11.16	11.25	14.22	16.49	16.58	19.55	<=23	Pass
			Inner_1R B_Left	13.19	11.69	15.51	18.52	17.02	20.84	<=23	Pass
			Inner_1R B_Right	13.23	13.29	16.27	18.56	18.62	21.60	<=23	Pass
3624.99		Edge_1R B_Left	14.04	14.65	17.37	19.37	19.98	22.70	<=23	Pass	
		Edge_1R B_Right	14.46	13.00	16.80	19.79	18.33	22.13	<=23	Pass	
		Outer_Fu	8.89	9.24	12.08	14.22	14.57	17.41	<=23	Pass	

CP-OFDM 256 QAM	3684.99										
		Inner_Full	11.93	11.64	14.80	17.26	16.97	20.13	<=23	Pass	
		Inner_1RB_Left	14.45	13.77	17.13	19.78	19.10	22.46	<=23	Pass	
		Inner_1RB_Right	13.07	13.68	16.40	18.40	19.01	21.73	<=23	Pass	
		Edge_1RB_Left	15.30	13.69	17.58	20.63	19.02	22.91	<=23	Pass	
		Edge_1RB_Right	15.11	14.07	17.63	20.44	19.40	22.96	<=23	Pass	
	3565.02	Outer_Full	9.62	9.42	12.53	14.95	14.75	17.86	<=23	Pass	
		Inner_Full	12.90	12.17	15.56	18.23	17.50	20.89	<=23	Pass	
		Inner_1RB_Left	15.04	13.89	17.51	20.37	19.22	22.84	<=23	Pass	
		Inner_1RB_Right	14.53	14.18	17.37	19.86	19.51	22.70	<=23	Pass	
		Edge_1RB_Left	12.10	11.92	15.02	17.43	17.25	20.35	<=23	Pass	
		Edge_1RB_Right	12.93	13.57	16.27	18.26	18.90	21.60	<=23	Pass	
	3624.99	Outer_Full	8.41	8.58	11.51	13.74	13.91	16.84	<=23	Pass	
		Inner_Full	10.96	11.41	14.20	16.29	16.74	19.53	<=23	Pass	
		Inner_1RB_Left	11.76	11.75	14.77	17.09	17.08	20.10	<=23	Pass	
		Inner_1RB_Right	12.60	12.87	15.75	17.93	18.20	21.08	<=23	Pass	
		Edge_1RB_Left	13.88	14.04	16.97	19.21	19.37	22.30	<=23	Pass	
		Edge_1RB_Right	12.94	13.23	16.10	18.27	18.56	21.43	<=23	Pass	
	3684.99	Outer_Full	9.46	9.25	12.37	14.79	14.58	17.70	<=23	Pass	
		Inner_Full	12.45	12.49	15.48	17.78	17.82	20.81	<=23	Pass	
		Inner_1RB_Left	13.52	13.58	16.56	18.85	18.91	21.89	<=23	Pass	
		Inner_1RB_Right	13.94	13.30	16.64	19.27	18.63	21.97	<=23	Pass	
		Edge_1RB_Left	14.69	14.11	17.42	20.02	19.44	22.75	<=23	Pass	
		Edge_1RB_Right	14.14	13.44	16.81	19.47	18.77	22.14	<=23	Pass	
3684.99	Outer_Full	9.82	8.97	12.43	15.15	14.30	17.76	<=23	Pass		
	Inner_Full	12.84	12.38	15.63	18.17	17.71	20.96	<=23	Pass		
	Inner_1RB_Left	15.09	13.62	17.43	20.42	18.95	22.76	<=23	Pass		
	Inner_1RB_Right	14.53	14.03	17.30	19.86	19.36	22.63	<=23	Pass		
	Note1: Antenna Gain: Ant1: 5.33dBi; Ant2: 5.33dBi;										
	Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.15 30k_MIMO_40MHz_NTNV_EIRP

1.15.1 Test Result

5G NR n48 SCS=30kHz MIMO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3570	Edge_1RB_Left	9.75	10.63	13.22	15.08	15.96	18.55	<=23	Pass
		Edge_1RB_Right	10.59	10.81	13.71	15.92	16.14	19.04	<=23	Pass
		Outer_Full	10.37	10.37	13.38	15.70	15.70	18.71	<=23	Pass
		Inner_Full	10.39	10.31	13.36	15.72	15.64	18.69	<=23	Pass
		Inner_1RB_Left	9.78	10.50	13.17	15.11	15.83	18.50	<=23	Pass
		Inner_1RB_Right	10.66	10.88	13.78	15.99	16.21	19.11	<=23	Pass
	3624.99	Edge_1RB_Left	11.25	10.87	14.08	16.58	16.20	19.40	<=23	Pass
		Edge_1RB_Right	11.12	10.83	13.99	16.45	16.16	19.32	<=23	Pass
		Outer_Full	11.19	10.65	13.94	16.52	15.98	19.27	<=23	Pass
		Inner_Full	11.24	10.64	13.96	16.57	15.97	19.29	<=23	Pass
		Inner_1RB_Left	11.27	10.87	14.09	16.60	16.20	19.41	<=23	Pass
		Inner_1RB_Right	11.26	10.79	14.04	16.59	16.12	19.37	<=23	Pass
	3679.98	Edge_1RB_Left	11.01	10.67	13.85	16.34	16.00	19.18	<=23	Pass
		Edge_1RB_Right	11.70	10.77	14.27	17.03	16.10	19.60	<=23	Pass
		Outer_Full	11.34	10.72	14.05	16.67	16.05	19.38	<=23	Pass
		Inner_Full	11.53	10.61	14.10	16.86	15.94	19.43	<=23	Pass
		Inner_1RB_Left	11.20	10.83	14.03	16.53	16.16	19.36	<=23	Pass
		Inner_1RB_Right	11.78	10.90	14.37	17.11	16.23	19.70	<=23	Pass
CP-OFDM 16 QAM	3570	Edge_1RB_Left	9.63	10.42	13.05	14.96	15.75	18.38	<=23	Pass
		Edge_1RB_Right	10.50	10.68	13.60	15.83	16.01	18.93	<=23	Pass
		Outer_Full	10.29	10.34	13.33	15.62	15.67	18.66	<=23	Pass
		Inner_Full	10.49	10.30	13.41	15.82	15.63	18.74	<=23	Pass
		Inner_1RB_Left	9.52	10.36	12.97	14.85	15.69	18.30	<=23	Pass
		Inner_1RB_Right	10.49	10.63	13.57	15.82	15.96	18.90	<=23	Pass
	3624.99	Edge_1RB_Left	11.10	10.65	13.89	16.43	15.98	19.22	<=23	Pass
		Edge_1RB_Right	10.79	10.64	13.72	16.12	15.97	19.06	<=23	Pass

	3679.98	Outer_Fu II	11.18	10.60	13.91	16.51	15.93	19.24	<=23	Pass	
		Inner_Ful I	11.16	10.68	13.94	16.49	16.01	19.27	<=23	Pass	
		Inner_1R B_Left	11.19	10.64	13.94	16.52	15.97	19.26	<=23	Pass	
		Inner_1R B_Right	11.04	10.67	13.87	16.37	16.00	19.20	<=23	Pass	
		Edge_1R B_Left	10.81	10.50	13.67	16.14	15.83	19.00	<=23	Pass	
		Edge_1R B_Right	11.52	10.63	14.11	16.85	15.96	19.44	<=23	Pass	
	3679.98	3679.98	Outer_Fu II	11.50	10.69	14.12	16.83	16.02	19.45	<=23	Pass
			Inner_Ful I	11.50	10.74	14.14	16.83	16.07	19.48	<=23	Pass
			Inner_1R B_Left	10.94	10.49	13.73	16.27	15.82	19.06	<=23	Pass
			Inner_1R B_Right	11.40	10.68	14.06	16.73	16.01	19.40	<=23	Pass
			Edge_1R B_Left	9.84	10.47	13.18	15.17	15.80	18.51	<=23	Pass
			Edge_1R B_Right	10.68	10.67	13.69	16.01	16.00	19.02	<=23	Pass
CP- OFDM 64 QAM	3570	Outer_Fu II	10.28	10.31	13.31	15.61	15.64	18.64	<=23	Pass	
		Inner_Ful I	10.44	10.28	13.37	15.77	15.61	18.70	<=23	Pass	
		Inner_1R B_Left	9.82	10.44	13.15	15.15	15.77	18.48	<=23	Pass	
		Inner_1R B_Right	10.78	10.74	13.77	16.11	16.07	19.10	<=23	Pass	
		Edge_1R B_Left	11.38	10.65	14.04	16.71	15.98	19.37	<=23	Pass	
		Edge_1R B_Right	11.14	10.79	13.98	16.47	16.12	19.31	<=23	Pass	
	3624.99	3624.99	Outer_Fu II	11.15	10.59	13.89	16.48	15.92	19.22	<=23	Pass
			Inner_Ful I	11.15	10.56	13.87	16.48	15.89	19.21	<=23	Pass
			Inner_1R B_Left	11.40	10.71	14.08	16.73	16.04	19.41	<=23	Pass
			Inner_1R B_Right	11.36	10.79	14.09	16.69	16.12	19.42	<=23	Pass
			Edge_1R B_Left	11.14	10.41	13.80	16.47	15.74	19.13	<=23	Pass
			Edge_1R B_Right	11.77	10.72	14.29	17.10	16.05	19.62	<=23	Pass
	3679.98	3679.98	Outer_Fu II	11.35	10.54	13.97	16.68	15.87	19.30	<=23	Pass
			Inner_Ful I	11.46	10.68	14.10	16.79	16.01	19.43	<=23	Pass
			Inner_1R B_Left	11.14	10.44	13.81	16.47	15.77	19.14	<=23	Pass
			Inner_1R B_Right	11.80	10.77	14.33	17.13	16.10	19.66	<=23	Pass
			Edge_1R B_Left	9.60	10.63	13.16	14.93	15.96	18.49	<=23	Pass
			Edge_1R B_Right	10.51	10.88	13.71	15.84	16.21	19.04	<=23	Pass
CP- OFDM 256 QAM	3570	Outer_Fu	10.26	10.36	13.32	15.59	15.69	18.65	<=23	Pass	

		Inner_Full	10.37	10.39	13.39	15.70	15.72	18.72	<=23	Pass
		Inner_1RB_Left	9.55	10.52	13.07	14.88	15.85	18.40	<=23	Pass
		Inner_1RB_Right	10.54	10.69	13.63	15.87	16.02	18.96	<=23	Pass
	3624.99	Edge_1RB_Left	11.00	10.91	13.97	16.33	16.24	19.30	<=23	Pass
		Edge_1RB_Right	10.90	10.93	13.92	16.23	16.26	19.26	<=23	Pass
		Outer_Full	11.13	10.59	13.88	16.46	15.92	19.21	<=23	Pass
		Inner_Full	11.32	10.64	14.01	16.65	15.97	19.33	<=23	Pass
		Inner_1RB_Left	11.20	10.79	14.01	16.53	16.12	19.34	<=23	Pass
		Inner_1RB_Right	10.96	10.86	13.92	16.29	16.19	19.25	<=23	Pass
	3679.98	Edge_1RB_Left	10.93	10.32	13.64	16.26	15.65	18.98	<=23	Pass
		Edge_1RB_Right	11.44	10.77	14.13	16.77	16.10	19.46	<=23	Pass
		Outer_Full	11.40	10.58	14.02	16.73	15.91	19.35	<=23	Pass
		Inner_Full	11.49	10.52	14.04	16.82	15.85	19.37	<=23	Pass
		Inner_1RB_Left	10.99	10.53	13.77	16.32	15.86	19.11	<=23	Pass
		Inner_1RB_Right	11.57	10.73	14.18	16.90	16.06	19.51	<=23	Pass
Note1: Antenna Gain: Ant1: 5.33dBi; Ant2: 5.33dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.16 30k_MIMO_40MHz_NTNV_EIRP/10MHz

1.16.1 Test Result

5G NR n48 SCS=30kHz MIMO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3570	Edge_1RB_Left	12.40	12.39	15.41	17.73	17.72	20.74	<=23	Pass
		Edge_1RB_Right	13.02	13.44	16.25	18.35	18.77	21.58	<=23	Pass
		Outer_Full	7.02	7.35	10.20	12.35	12.68	15.53	<=23	Pass
		Inner_Full	10.04	9.97	13.02	15.37	15.30	18.35	<=23	Pass
		Inner_1RB_Left	13.65	13.50	16.59	18.98	18.83	21.92	<=23	Pass
		Inner_1RB_Right	13.48	13.57	16.54	18.81	18.90	21.87	<=23	Pass
	3624.99	Edge_1RB_Left	13.49	12.47	16.02	18.82	17.80	21.35	<=23	Pass
		Edge_1RB_Right	13.76	13.39	16.59	19.09	18.72	21.92	<=23	Pass

		B_Right								
		Outer_Fu II	7.58	7.75	10.68	12.91	13.08	16.01	<=23	Pass
		Inner_Ful I	10.78	11.14	13.97	16.11	16.47	19.30	<=23	Pass
		Inner_1R B_Left	14.12	14.15	17.15	19.45	19.48	22.48	<=23	Pass
		Inner_1R B_Right	14.22	13.77	17.01	19.55	19.10	22.34	<=23	Pass
	3679.98	Edge_1R B_Left	14.44	13.91	17.19	19.77	19.24	22.52	<=23	Pass
		Edge_1R B_Right	15.24	13.68	17.54	20.57	19.01	22.87	<=23	Pass
		Outer_Fu II	8.85	7.72	11.33	14.18	13.05	16.66	<=23	Pass
		Inner_Ful I	11.27	10.10	13.73	16.60	15.43	19.06	<=23	Pass
		Inner_1R B_Left	15.12	13.79	17.52	20.45	19.12	22.85	<=23	Pass
		Inner_1R B_Right	14.58	14.16	17.39	19.91	19.49	22.72	<=23	Pass
CP- OFDM 16 QAM	3570	Edge_1R B_Left	12.20	13.03	15.65	17.53	18.36	20.98	<=23	Pass
		Edge_1R B_Right	12.89	13.35	16.14	18.22	18.68	21.47	<=23	Pass
		Outer_Fu II	7.01	7.44	10.24	12.34	12.77	15.57	<=23	Pass
		Inner_Ful I	9.86	10.10	12.99	15.19	15.43	18.32	<=23	Pass
		Inner_1R B_Left	12.32	12.49	15.42	17.65	17.82	20.75	<=23	Pass
		Inner_1R B_Right	13.49	13.29	16.40	18.82	18.62	21.73	<=23	Pass
	3624.99	Edge_1R B_Left	13.39	13.04	16.23	18.72	18.37	21.56	<=23	Pass
		Edge_1R B_Right	14.21	13.11	16.71	19.54	18.44	22.04	<=23	Pass
		Outer_Fu II	7.60	8.11	10.87	12.93	13.44	16.20	<=23	Pass
		Inner_Ful I	10.94	10.71	13.84	16.27	16.04	19.17	<=23	Pass
		Inner_1R B_Left	14.05	13.15	16.63	19.38	18.48	21.96	<=23	Pass
		Inner_1R B_Right	13.91	14.48	17.21	19.24	19.81	22.54	<=23	Pass
	3679.98	Edge_1R B_Left	14.38	14.11	17.26	19.71	19.44	22.59	<=23	Pass
		Edge_1R B_Right	14.52	13.46	17.03	19.85	18.79	22.36	<=23	Pass
		Outer_Fu II	8.98	7.61	11.36	14.31	12.94	16.69	<=23	Pass
		Inner_Ful I	11.76	10.63	14.24	17.09	15.96	19.57	<=23	Pass
		Inner_1R B_Left	14.72	13.38	17.11	20.05	18.71	22.44	<=23	Pass
		Inner_1R B_Right	14.80	14.02	17.44	20.13	19.35	22.77	<=23	Pass
CP- OFDM 64 QAM	3570	Edge_1R B_Left	13.47	12.64	16.09	18.80	17.97	21.42	<=23	Pass
		Edge_1R B_Right	14.73	13.98	17.38	20.06	19.31	22.71	<=23	Pass

CP- OFDM 256 QAM	3624.99	Outer_Fu II	7.05	7.67	10.38	12.38	13.00	15.71	<=23	Pass	
		Inner_Ful I	9.67	10.67	13.21	15.00	16.00	18.54	<=23	Pass	
		Inner_1R B_Left	12.59	12.51	15.56	17.92	17.84	20.89	<=23	Pass	
		Inner_1R B_Right	13.74	13.62	16.69	19.07	18.95	22.02	<=23	Pass	
	3624.99	Edge_1R B_Left	13.35	13.11	16.24	18.68	18.44	21.57	<=23	Pass	
		Edge_1R B_Right	14.22	14.14	17.19	19.55	19.47	22.52	<=23	Pass	
		Outer_Fu II	7.67	7.94	10.82	13.00	13.27	16.15	<=23	Pass	
		Inner_Ful I	10.74	10.73	13.75	16.07	16.06	19.08	<=23	Pass	
		Inner_1R B_Left	14.31	13.38	16.88	19.64	18.71	22.21	<=23	Pass	
		Inner_1R B_Right	13.69	13.88	16.80	19.02	19.21	22.13	<=23	Pass	
	3679.98	Edge_1R B_Left	15.12	13.71	17.48	20.45	19.04	22.81	<=23	Pass	
		Edge_1R B_Right	14.59	14.18	17.40	19.92	19.51	22.73	<=23	Pass	
		Outer_Fu II	8.10	7.37	10.76	13.43	12.70	16.09	<=23	Pass	
		Inner_Ful I	11.40	10.89	14.16	16.73	16.22	19.49	<=23	Pass	
		Inner_1R B_Left	14.53	13.54	17.07	19.86	18.87	22.40	<=23	Pass	
		Inner_1R B_Right	14.89	13.62	17.31	20.22	18.95	22.64	<=23	Pass	
	3624.99	3570	Edge_1R B_Left	13.08	12.95	16.03	18.41	18.28	21.36	<=23	Pass
			Edge_1R B_Right	12.68	14.55	16.73	18.01	19.88	22.06	<=23	Pass
			Outer_Fu II	6.85	7.24	10.06	12.18	12.57	15.39	<=23	Pass
			Inner_Ful I	9.57	10.05	12.83	14.90	15.38	18.16	<=23	Pass
			Inner_1R B_Left	12.43	12.97	15.72	17.76	18.30	21.05	<=23	Pass
Inner_1R B_Right			13.42	13.91	16.68	18.75	19.24	22.01	<=23	Pass	
3624.99		Edge_1R B_Left	13.79	13.53	16.67	19.12	18.86	22.00	<=23	Pass	
		Edge_1R B_Right	13.95	13.04	16.53	19.28	18.37	21.86	<=23	Pass	
		Outer_Fu II	7.72	7.69	10.72	13.05	13.02	16.05	<=23	Pass	
		Inner_Ful I	10.90	10.89	13.91	16.23	16.22	19.24	<=23	Pass	
		Inner_1R B_Left	12.67	13.54	16.14	18.00	18.87	21.47	<=23	Pass	
		Inner_1R B_Right	13.35	13.22	16.30	18.68	18.55	21.63	<=23	Pass	
3679.98	Edge_1R B_Left	14.89	14.28	17.61	20.22	19.61	22.94	<=23	Pass		
	Edge_1R B_Right	13.41	14.83	17.19	18.74	20.16	22.52	<=23	Pass		
	Outer_Fu	8.40	7.60	11.03	13.73	12.93	16.36	<=23	Pass		

		II								
		Inner_Full	11.72	11.08	14.42	17.05	16.41	19.75	<=23	Pass
		Inner_1R B_Left	15.19	13.78	17.55	20.52	19.11	22.88	<=23	Pass
		Inner_1R B_Right	14.31	13.83	17.09	19.64	19.16	22.42	<=23	Pass
<p>Note1: Antenna Gain: Ant1: 5.33dBi; Ant2: 5.33dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2</p>										