Appendix C.6

NR Band n48

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.13 30k_MIMO_10MHz_NTNV_EIRP

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	9.18	9.52	12.36	13.41	13.75	16.59	/	Pass
		Edge_1RB_Right	9.31	9.45	12.39	13.54	13.68	16.62	/	Pass
		Outer_Full	14.40	14.66	17.54	18.63	18.89	21.77	/	Pass
		Inner_Full	9.31	9.58	12.46	13.54	13.81	16.69	/	Pass
		Inner_1RB_Left	9.13	9.56	12.36	13.36	13.79	16.59	/	Pass
		Inner_1RB_Right	9.44	9.55	12.50	13.67	13.78	16.74	/	Pass
	3624.99	Edge_1RB_Left	9.97	9.94	12.96	14.20	14.17	17.20	/	Pass
		Edge_1RB_Right	9.94	9.87	12.91	14.17	14.10	17.15	/	Pass
		Outer_Full	15.07	14.88	17.99	19.30	19.11	22.22	/	Pass
		Inner_Full	9.94	9.87	12.92	14.17	14.10	17.15	/	Pass
		Inner_1RB_Left	10.00	9.98	13.00	14.23	14.21	17.23	/	Pass
		Inner_1RB_Right	10.05	9.99	13.03	14.28	14.22	17.26	/	Pass
	3694.98	Edge_1RB_Left	9.98	9.26	12.64	14.21	13.49	16.88	/	Pass
		Edge_1RB_Right	9.98	9.12	12.58	14.21	13.35	16.81	/	Pass
		Outer_Full	15.03	14.22	17.65	19.26	18.45	21.88	/	Pass
		Inner_Full	9.95	9.19	12.60	14.18	13.42	16.83	/	Pass
		Inner_1RB_Left	9.96	9.26	12.63	14.19	13.49	16.86	/	Pass
		Inner_1RB_Right	9.98	9.20	12.62	14.21	13.43	16.85	/	Pass
CP-OFDM 16 QAM	3555	Edge_1RB_Left	9.39	9.55	12.48	13.62	13.78	16.71	/	Pass
		Edge_1RB_Right	9.42	9.36	12.40	13.65	13.59	16.63	/	Pass
		Outer_Full	14.39	14.69	17.55	18.62	18.92	21.78	/	Pass
		Inner_Full	9.27	9.59	12.44	13.50	13.82	16.67	/	Pass
		Inner_1RB_Left	9.01	9.55	12.30	13.24	13.78	16.53	/	Pass
		Inner_1RB_Right	9.43	9.52	12.49	13.66	13.75	16.72	/	Pass
	3624.99	Edge_1RB_Left	9.87	9.88	12.89	14.10	14.11	17.12	/	Pass
		Edge_1RB_Right	9.91	9.71	12.82	14.14	13.94	17.05	/	Pass
		Outer_Full	15.06	14.93	18.01	19.29	19.16	22.24	/	Pass
		Inner_Full	9.96	9.90	12.94	14.19	14.13	17.17	/	Pass

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		Inner_1RB_Left	10.13	9.82	12.99	14.36	14.05	17.22	/	Pass
		Inner_1RB_Right	10.10	9.81	12.97	14.33	14.04	17.20	/	Pass
	3694.98	Edge_1RB_Left	9.87	9.23	12.57	14.10	13.46	16.80	/	Pass
		Edge_1RB_Right	9.93	9.04	12.52	14.16	13.27	16.75	/	Pass
		Outer_Full	15.02	14.32	17.69	19.25	18.55	21.92	/	Pass
		Inner_Full	9.95	9.24	12.62	14.18	13.47	16.85	/	Pass
		Inner_1RB_Left	9.99	9.44	12.74	14.22	13.67	16.96	/	Pass
		Inner_1RB_Right	9.86	9.13	12.52	14.09	13.36	16.75	/	Pass
CP-OFDM 64 QAM	3555	Edge_1RB_Left	9.34	9.50	12.43	13.57	13.73	16.66	/	Pass
		Edge_1RB_Right	9.20	9.42	12.32	13.43	13.65	16.55	/	Pass
		Outer_Full	14.39	14.63	17.52	18.62	18.86	21.75	/	Pass
		Inner_Full	9.37	9.64	12.52	13.60	13.87	16.75	/	Pass
		Inner_1RB_Left	9.25	9.67	12.47	13.48	13.90	16.71	/	Pass
		Inner_1RB_Right	9.47	9.57	12.53	13.70	13.80	16.76	/	Pass
	3624.99	Edge_1RB_Left	9.86	9.86	12.87	14.09	14.09	17.10	/	Pass
		Edge_1RB_Right	10.12	9.75	12.95	14.35	13.98	17.18	/	Pass
		Outer_Full	15.02	14.82	17.93	19.25	19.05	22.16	/	Pass
		Inner_Full	9.90	9.95	12.93	14.13	14.18	17.17	/	Pass
		Inner_1RB_Left	9.87	9.91	12.90	14.10	14.14	17.13	/	Pass
		Inner_1RB_Right	9.93	9.67	12.81	14.16	13.90	17.04	/	Pass
	3694.98	Edge_1RB_Left	9.77	9.13	12.47	14.00	13.36	16.70	/	Pass
		Edge_1RB_Right	9.93	9.00	12.50	14.16	13.23	16.73	/	Pass
		Outer_Full	14.94	14.23	17.61	19.17	18.46	21.84	/	Pass
		Inner_Full	9.90	9.18	12.56	14.13	13.41	16.80	/	Pass
		Inner_1RB_Left	9.91	9.20	12.58	14.14	13.43	16.81	/	Pass
		Inner_1RB_Right	9.96	9.07	12.55	14.19	13.30	16.78	/	Pass
CP-OFDM 256 QAM	3555	Edge_1RB_Left	9.09	9.62	12.37	13.32	13.85	16.60	/	Pass
		Edge_1RB_Right	9.38	9.66	12.53	13.61	13.89	16.76	/	Pass
		Outer_Full	14.43	14.65	17.55	18.66	18.88	21.78	/	Pass
		Inner_Full	9.39	9.65	12.53	13.62	13.88	16.76	/	Pass
		Inner_1RB_Left	9.14	9.66	12.41	13.37	13.89	16.65	/	Pass
		Inner_1RB_Right	9.32	9.65	12.50	13.55	13.88	16.73	/	Pass
	3624.99	Edge_1RB_Left	9.95	9.89	12.93	14.18	14.12	17.16	/	Pass
		Edge_1RB_Right	9.93	9.77	12.86	14.16	14.00	17.09	/	Pass
		Outer_Full	15.09	14.92	18.02	19.32	19.15	22.25	/	Pass
		Inner_Full	9.98	9.88	12.94	14.21	14.11	17.17	/	Pass
		Inner_1RB_Left	9.83	9.77	12.81	14.06	14.00	17.04	/	Pass
		Inner_1RB_Right	10.13	9.76	12.96	14.36	13.99	17.19	/	Pass

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		Edge_1RB_Left	9.99	9.21	12.63	14.22	13.44	16.86	/	Pass
		Edge_1RB_Right	10.16	9.04	12.65	14.39	13.27	16.88	/	Pass
	3694.98	Outer_Full	15.03	14.28	17.68	19.26	18.51	21.91	/	Pass
		Inner_Full	9.92	9.14	12.56	14.15	13.37	16.79	/	Pass
		Inner_1RB_Left	9.80	9.30	12.57	14.03	13.53	16.80	/	Pass
		Inner_1RB_Right	9.98	9.17	12.60	14.21	13.40	16.83	/	Pass

Note1: Antenna Gain: Ant1: 4.23dBi;   Ant2: 4.23dBi;

Note2: EIRP Ant 1=Conducted Power 1+Ant Gain / EIRP Ant 2=Conducted Power 2+Ant Gain / Sum=EIRP Ant 1+EIRP Ant 2

1.1.14 30k_MIMO_10MHz_NTNV_EIRP(dBm/10MHz)

			5G NR n48 SCS=30kHz MIMO 10MHz NTNV							
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	9.52	8.76	12.17	13.75	12.99	16.40	<=30	Pass
		Edge_1RB_Right	9.81	9.73	12.78	14.04	13.96	17.01	<=30	Pass
		Outer_Full	14.04	14.34	17.20	18.27	18.57	21.43	<=30	Pass
		Inner_Full	8.81	8.83	11.83	13.04	13.06	16.06	<=30	Pass
		Inner_1RB_Left	10.03	9.37	12.72	14.26	13.60	16.95	<=30	Pass
		Inner_1RB_Right	9.80	9.31	12.57	14.03	13.54	16.80	<=30	Pass
	3624.99	Edge_1RB_Left	7.79	9.17	11.54	12.02	13.40	15.77	<=30	Pass
		Edge_1RB_Right	9.50	9.33	12.43	13.73	13.56	16.66	<=30	Pass
		Outer_Full	15.74	15.16	18.47	19.97	19.39	22.70	<=30	Pass
		Inner_Full	10.13	10.59	13.38	14.36	14.82	17.61	<=30	Pass
		Inner_1RB_Left	9.17	10.19	12.72	13.40	14.42	16.95	<=30	Pass
		Inner_1RB_Right	9.62	9.57	12.61	13.85	13.80	16.84	<=30	Pass
	3694.98	Edge_1RB_Left	9.75	7.40	11.74	13.98	11.63	15.97	<=30	Pass
		Edge_1RB_Right	10.17	6.67	11.77	14.40	10.90	16.00	<=30	Pass
		Outer_Full	15.44	13.68	17.66	19.67	17.91	21.89	<=30	Pass
		Inner_Full	10.17	10.02	13.11	14.40	14.25	17.34	<=30	Pass
		Inner_1RB_Left	11.28	8.70	13.19	15.51	12.93	17.42	<=30	Pass
		Inner_1RB_Right	9.45	9.97	12.73	13.68	14.20	16.96	<=30	Pass
CP-OFDM 16 QAM	3555	Edge_1RB_Left	9.28	8.63	11.98	13.51	12.86	16.21	<=30	Pass
		Edge_1RB_Right	9.68	5.62	11.12	13.91	9.85	15.35	<=30	Pass
		Outer_Full	14.95	14.52	17.75	19.18	18.75	21.98	<=30	Pass
		Inner_Full	8.98	9.32	12.16	13.21	13.55	16.39	<=30	Pass

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		Inner_1RB_Left	9.53	9.34	12.45	13.76	13.57	16.68	<=30	Pass
		Inner_1RB_Right	9.96	9.25	12.63	14.19	13.48	16.86	<=30	Pass
	3624.99	Edge_1RB_Left	10.48	10.17	13.34	14.71	14.40	17.57	<=30	Pass
		Edge_1RB_Right	9.12	9.70	12.43	13.35	13.93	16.66	<=30	Pass
		Outer_Full	14.18	14.89	17.56	18.41	19.12	21.79	<=30	Pass
		Inner_Full	10.05	9.34	12.72	14.28	13.57	16.95	<=30	Pass
		Inner_1RB_Left	10.19	10.08	13.15	14.42	14.31	17.38	<=30	Pass
		Inner_1RB_Right	9.09	8.82	11.97	13.32	13.05	16.20	<=30	Pass
	3694.98	Edge_1RB_Left	10.60	10.32	13.47	14.83	14.55	17.70	<=30	Pass
		Edge_1RB_Right	9.65	8.85	12.28	13.88	13.08	16.51	<=30	Pass
		Outer_Full	12.70	13.29	16.02	16.93	17.52	20.25	<=30	Pass
		Inner_Full	8.96	8.57	11.78	13.19	12.80	16.01	<=30	Pass
		Inner_1RB_Left	9.13	9.44	12.30	13.36	13.67	16.53	<=30	Pass
		Inner_1RB_Right	11.20	9.71	13.53	15.43	13.94	17.76	<=30	Pass
CP-OFDM 64 QAM	3555	Edge_1RB_Left	8.67	8.55	11.62	12.90	12.78	15.85	<=30	Pass
		Edge_1RB_Right	9.21	9.26	12.25	13.44	13.49	16.48	<=30	Pass
		Outer_Full	14.31	13.20	16.80	18.54	17.43	21.03	<=30	Pass
		Inner_Full	9.65	9.19	12.44	13.88	13.42	16.67	<=30	Pass
		Inner_1RB_Left	9.90	9.20	12.57	14.13	13.43	16.80	<=30	Pass
		Inner_1RB_Right	9.83	9.91	12.88	14.06	14.14	17.11	<=30	Pass
	3624.99	Edge_1RB_Left	9.45	10.48	13.01	13.68	14.71	17.24	<=30	Pass
		Edge_1RB_Right	9.33	10.47	12.95	13.56	14.70	17.18	<=30	Pass
		Outer_Full	15.28	15.47	18.39	19.51	19.70	22.62	<=30	Pass
		Inner_Full	9.43	9.56	12.51	13.66	13.79	16.74	<=30	Pass
		Inner_1RB_Left	7.56	10.00	11.96	11.79	14.23	16.19	<=30	Pass
		Inner_1RB_Right	8.22	9.39	11.85	12.45	13.62	16.08	<=30	Pass
	3694.98	Edge_1RB_Left	11.12	8.86	13.15	15.35	13.09	17.38	<=30	Pass
		Edge_1RB_Right	8.35	8.36	11.37	12.58	12.59	15.60	<=30	Pass
		Outer_Full	14.86	14.85	17.87	19.09	19.08	22.10	<=30	Pass
		Inner_Full	9.15	5.77	10.79	13.38	10.00	15.02	<=30	Pass
		Inner_1RB_Left	11.31	9.97	13.70	15.54	14.20	17.93	<=30	Pass
		Inner_1RB_Right	9.62	10.45	13.07	13.85	14.68	17.30	<=30	Pass
CP-OFDM 256 QAM	3555	Edge_1RB_Left	8.73	9.62	12.21	12.96	13.85	16.44	<=30	Pass
		Edge_1RB_Right	10.38	8.66	12.61	14.61	12.89	16.84	<=30	Pass
		Outer_Full	14.33	13.35	16.88	18.56	17.58	21.11	<=30	Pass
		Inner_Full	9.01	9.18	12.11	13.24	13.41	16.34	<=30	Pass
		Inner_1RB_Left	8.94	8.70	11.83	13.17	12.93	16.06	<=30	Pass
		Inner_1RB_Right	9.79	8.95	12.40	14.02	13.18	16.63	<=30	Pass

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	3624.99	Edge_1RB_Left	8.49	9.90	12.26	12.72	14.13	16.49	<=30	Pass
		Edge_1RB_Right	9.47	10.04	12.77	13.70	14.27	17.00	<=30	Pass
		Outer_Full	13.63	14.64	17.17	17.86	18.87	21.40	<=30	Pass
		Inner_Full	9.18	10.78	13.06	13.41	15.01	17.29	<=30	Pass
		Inner_1RB_Left	10.02	9.66	12.85	14.25	13.89	17.08	<=30	Pass
		Inner_1RB_Right	10.41	10.30	13.37	14.64	14.53	17.60	<=30	Pass
	3694.98	Edge_1RB_Left	9.50	8.17	11.90	13.73	12.40	16.13	<=30	Pass
		Edge_1RB_Right	9.37	8.54	11.99	13.60	12.77	16.22	<=30	Pass
		Outer_Full	14.40	12.01	16.38	18.63	16.24	20.61	<=30	Pass
		Inner_Full	9.00	8.48	11.76	13.23	12.71	15.99	<=30	Pass
		Inner_1RB_Left	9.33	6.69	11.22	13.56	10.92	15.45	<=30	Pass
		Inner_1RB_Right	9.57	9.01	12.31	13.80	13.24	16.54	<=30	Pass

Note1: Antenna Gain: Ant1: 4.23dBi;   Ant2: 4.23dBi;

Note2: EIRP Ant 1=Conducted Power 1+Ant Gain / EIRP Ant 2=Conducted Power 2+Ant Gain / Sum=EIRP Ant 1+EIRP Ant 2

1.1.15 30k_MIMO_10MHz_NTNV_PSD

5G NR n48 SCS=30kHz MIMO 10MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted PSD(dBm/MHz)			E.I.R.PSD(dBm/MHz)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3555	Edge_1RB_Left	10.08	9.67	12.78	14.31	13.90	17.12	<=20	Pass
		Edge_1RB_Right	10.70	10.46	13.52	14.93	14.69	17.82	<=20	Pass
		Outer_Full	7.69	6.45	9.67	11.92	10.68	14.35	<=20	Pass
		Inner_Full	5.27	4.16	7.07	9.50	8.39	11.99	<=20	Pass
		Inner_1RB_Left	11.53	9.59	13.00	15.76	13.82	17.91	<=20	Pass
		Inner_1RB_Right	10.44	10.43	13.45	14.67	14.66	17.68	<=20	Pass
	3624.99	Edge_1RB_Left	9.69	11.17	13.10	13.92	15.40	17.73	<=20	Pass
		Edge_1RB_Right	10.95	11.63	14.08	15.18	15.86	18.54	<=20	Pass
		Outer_Full	6.98	7.86	9.97	11.21	12.09	14.68	<=20	Pass
		Inner_Full	4.84	5.95	8.30	9.07	10.18	12.67	<=20	Pass
		Inner_1RB_Left	11.46	11.40	13.93	15.69	15.63	18.67	<=20	Pass
		Inner_1RB_Right	10.68	11.25	13.82	14.91	15.48	18.21	<=20	Pass
	3694.98	Edge_1RB_Left	9.26	12.52	13.92	13.49	16.75	18.43	<=20	Pass
		Edge_1RB_Right	12.13	10.56	13.91	16.36	14.79	18.66	<=20	Pass
		Outer_Full	8.24	7.03	10.17	12.47	11.26	14.92	<=20	Pass
		Inner_Full	5.30	4.21	7.41	9.53	8.44	12.03	<=20	Pass

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		Inner_1RB_Left	10.94	10.61	13.67	15.17	14.84	18.02	<=20	Pass
		Inner_1RB_Right	11.13	9.66	13.07	15.36	13.89	17.70	<=20	Pass
CP-OFDM 16 QAM	3555	Edge_1RB_Left	11.29	10.50	13.61	15.52	14.73	18.15	<=20	Pass
		Edge_1RB_Right	11.21	10.63	13.72	15.44	14.86	18.17	<=20	Pass
		Outer_Full	6.41	6.95	9.05	10.64	11.18	13.93	<=20	Pass
		Inner_Full	4.67	4.10	7.10	8.90	8.33	11.63	<=20	Pass
		Inner_1RB_Left	10.02	10.57	12.81	14.25	14.80	17.54	<=20	Pass
		Inner_1RB_Right	9.94	10.23	12.45	14.17	14.46	17.33	<=20	Pass
	3624.99	Edge_1RB_Left	10.06	10.79	13.16	14.29	15.02	17.68	<=20	Pass
		Edge_1RB_Right	10.54	10.24	13.28	14.77	14.47	17.63	<=20	Pass
		Outer_Full	7.62	8.57	10.52	11.85	12.80	15.36	<=20	Pass
		Inner_Full	5.39	7.09	8.72	9.62	11.32	13.56	<=20	Pass
		Inner_1RB_Left	11.88	10.72	14.26	16.11	14.95	18.58	<=20	Pass
		Inner_1RB_Right	11.16	11.82	14.03	15.39	16.05	18.74	<=20	Pass
	3694.98	Edge_1RB_Left	10.92	10.00	12.95	15.15	14.23	17.72	<=20	Pass
		Edge_1RB_Right	10.54	6.94	11.98	14.77	11.17	16.34	<=20	Pass
		Outer_Full	9.20	6.61	10.71	13.43	10.84	15.34	<=20	Pass
		Inner_Full	5.71	4.50	7.97	9.94	8.73	12.39	<=20	Pass
		Inner_1RB_Left	11.85	9.33	13.64	16.08	13.56	18.01	<=20	Pass
		Inner_1RB_Right	11.08	9.64	13.21	15.31	13.87	17.66	<=20	Pass
CP-OFDM 64 QAM	3555	Edge_1RB_Left	10.99	9.24	12.40	15.22	13.47	17.44	<=20	Pass
		Edge_1RB_Right	11.25	9.57	13.29	15.48	13.80	17.73	<=20	Pass
		Outer_Full	7.38	6.78	9.47	11.61	11.01	14.33	<=20	Pass
		Inner_Full	4.42	1.67	6.05	8.65	5.90	10.50	<=20	Pass
		Inner_1RB_Left	11.01	9.90	12.92	15.24	14.13	17.73	<=20	Pass
		Inner_1RB_Right	10.27	10.23	12.56	14.50	14.46	17.49	<=20	Pass
	3624.99	Edge_1RB_Left	10.30	10.45	12.97	14.53	14.68	17.62	<=20	Pass
		Edge_1RB_Right	10.91	8.71	12.03	15.14	12.94	17.19	<=20	Pass
		Outer_Full	7.27	7.63	9.61	11.50	11.86	14.69	<=20	Pass
		Inner_Full	5.67	6.08	8.55	9.90	10.31	13.12	<=20	Pass
		Inner_1RB_Left	10.62	11.76	13.59	14.85	15.99	18.47	<=20	Pass
		Inner_1RB_Right	11.09	11.83	14.42	15.32	16.06	18.72	<=20	Pass
	3694.98	Edge_1RB_Left	11.09	9.52	12.77	15.32	13.75	17.62	<=20	Pass
		Edge_1RB_Right	10.14	10.55	12.75	14.37	14.78	17.59	<=20	Pass
		Outer_Full	7.93	7.68	10.33	12.16	11.91	15.05	<=20	Pass
		Inner_Full	5.52	3.90	7.49	9.75	8.13	12.03	<=20	Pass
		Inner_1RB_Left	10.56	9.26	12.79	14.79	13.49	17.20	<=20	Pass
		Inner_1RB_Right	10.28	10.17	13.12	14.51	14.40	17.47	<=20	Pass

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CP-OFDM 256 QAM	3555	Edge_1RB_Left	11.00	9.62	12.46	15.23	13.85	17.60	<=20	Pass
		Edge_1RB_Right	10.76	10.60	13.41	14.99	14.83	17.92	<=20	Pass
		Outer_Full	7.18	7.21	9.73	11.41	11.44	14.44	<=20	Pass
		Inner_Full	4.96	5.09	7.45	9.19	9.32	12.27	<=20	Pass
		Inner_1RB_Left	10.00	9.70	12.52	14.23	13.93	17.09	<=20	Pass
		Inner_1RB_Right	10.62	10.19	13.20	14.85	14.42	17.65	<=20	Pass
	3624.99	Edge_1RB_Left	9.54	11.68	13.27	13.77	15.91	17.98	<=20	Pass
		Edge_1RB_Right	10.48	10.82	13.44	14.71	15.05	17.89	<=20	Pass
		Outer_Full	6.73	7.87	9.93	10.96	12.10	14.58	<=20	Pass
		Inner_Full	5.46	4.99	7.98	9.69	9.22	12.47	<=20	Pass
		Inner_1RB_Left	9.53	10.42	12.89	13.76	14.65	17.24	<=20	Pass
		Inner_1RB_Right	11.31	10.28	13.66	15.54	14.51	18.07	<=20	Pass
	3694.98	Edge_1RB_Left	11.84	10.13	13.41	16.07	14.36	18.31	<=20	Pass
		Edge_1RB_Right	10.42	9.58	12.91	15.46	14.62	17.95	<=20	Pass
		Outer_Full	8.63	6.18	10.17	13.67	11.22	15.21	<=20	Pass
		Inner_Full	6.07	2.75	7.42	11.11	7.79	12.46	<=20	Pass
		Inner_1RB_Left	11.02	10.16	12.92	16.06	15.20	17.96	<=20	Pass
		Inner_1RB_Right	10.35	10.47	12.53	15.39	15.51	17.57	<=20	Pass

Note1: Antenna Gain: Ant1: 4.23dBi;　Ant2: 4.23dBi;

Note2: EIRP Ant 1=Conducted Power 1+Ant Gain / EIRP Ant 2=Conducted Power 2+Ant Gain / Sum=EIRP Ant 1+EIRP Ant 2

1.1.16 30k_MIMO_20MHz_NTNV_EIRP

			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_1RB_Left	9.44	9.80	12.63	13.67	14.03	16.86	/	Pass
		Edge_1RB_Right	9.83	9.71	12.78	14.06	13.94	17.01	/	Pass
		Outer_Full	14.71	14.89	17.81	18.94	19.12	22.04	/	Pass
		Inner_Full	9.65	9.75	12.71	13.88	13.98	16.94	/	Pass
		Inner_1RB_Left	9.43	9.94	12.71	13.66	14.17	16.93	/	Pass
		Inner_1RB_Right	9.91	9.76	12.84	14.14	13.99	17.08	/	Pass
	3624.99	Edge_1RB_Left	10.21	9.97	13.10	14.44	14.20	17.33	/	Pass
		Edge_1RB_Right	10.10	9.96	13.04	14.33	14.19	17.27	/	Pass
		Outer_Full	15.19	15.00	18.11	19.42	19.23	22.34	/	Pass
		Inner_Full	10.13	9.97	13.06	14.36	14.20	17.29	/	Pass
		Inner_1RB_Left	10.11	10.00	13.06	14.34	14.23	17.30	/	Pass

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		Inner_1RB_Right	10.08	9.92	13.01	14.31	14.15	17.24	/	Pass
	3690	Edge_1RB_Left	10.11	9.32	12.74	14.34	13.55	16.97	/	Pass
		Edge_1RB_Right	9.98	9.15	12.59	14.21	13.38	16.83	/	Pass
		Outer_Full	15.01	14.29	17.68	19.24	18.52	21.91	/	Pass
		Inner_Full	9.91	9.33	12.64	14.14	13.56	16.87	/	Pass
		Inner_1RB_Left	10.05	9.28	12.69	14.28	13.51	16.92	/	Pass
		Inner_1RB_Right	10.01	9.23	12.65	14.24	13.46	16.88	/	Pass
CP-OFDM 16 QAM	3560.01	Edge_1RB_Left	9.48	9.83	12.67	13.71	14.06	16.90	/	Pass
		Edge_1RB_Right	10.12	9.75	12.95	14.35	13.98	17.18	/	Pass
		Outer_Full	14.73	14.90	17.82	18.96	19.13	22.06	/	Pass
		Inner_Full	9.68	9.84	12.77	13.91	14.07	17.00	/	Pass
		Inner_1RB_Left	9.47	10.07	12.79	13.70	14.30	17.02	/	Pass
		Inner_1RB_Right	9.87	9.76	12.83	14.10	13.99	17.06	/	Pass
	3624.99	Edge_1RB_Left	10.13	10.09	13.12	14.36	14.32	17.35	/	Pass
		Edge_1RB_Right	10.11	9.90	13.02	14.34	14.13	17.25	/	Pass
		Outer_Full	15.20	15.06	18.14	19.43	19.29	22.37	/	Pass
		Inner_Full	10.11	10.01	13.07	14.34	14.24	17.30	/	Pass
		Inner_1RB_Left	10.26	10.04	13.17	14.49	14.27	17.39	/	Pass
		Inner_1RB_Right	10.02	10.04	13.04	14.25	14.27	17.27	/	Pass
	3690	Edge_1RB_Left	10.25	9.47	12.89	14.48	13.70	17.12	/	Pass
		Edge_1RB_Right	10.01	8.96	12.53	14.24	13.19	16.76	/	Pass
		Outer_Full	15.07	14.35	17.73	19.30	18.58	21.97	/	Pass
		Inner_Full	10.07	9.28	12.70	14.30	13.51	16.93	/	Pass
		Inner_1RB_Left	10.08	9.35	12.74	14.31	13.58	16.97	/	Pass
		Inner_1RB_Right	9.98	9.16	12.60	14.21	13.39	16.83	/	Pass
CP-OFDM 64 QAM	3560.01	Edge_1RB_Left	9.63	9.80	12.73	13.86	14.03	16.96	/	Pass
		Edge_1RB_Right	9.95	10.02	13.00	14.18	14.25	17.23	/	Pass
		Outer_Full	14.72	14.88	17.81	18.95	19.11	22.04	/	Pass
		Inner_Full	9.68	9.82	12.76	13.91	14.05	16.99	/	Pass
		Inner_1RB_Left	9.41	9.81	12.62	13.64	14.04	16.85	/	Pass
		Inner_1RB_Right	9.88	9.75	12.82	14.11	13.98	17.06	/	Pass
	3624.99	Edge_1RB_Left	10.31	9.93	13.13	14.54	14.16	17.36	/	Pass
		Edge_1RB_Right	10.07	9.76	12.93	14.30	13.99	17.16	/	Pass
		Outer_Full	15.21	14.96	18.10	19.44	19.19	22.33	/	Pass
		Inner_Full	10.13	9.96	13.05	14.36	14.19	17.29	/	Pass
		Inner_1RB_Left	10.13	9.91	13.03	14.36	14.14	17.26	/	Pass
		Inner_1RB_Right	10.16	9.74	12.97	14.39	13.97	17.20	/	Pass
	3690	Edge_1RB_Left	9.98	9.30	12.66	14.21	13.53	16.89	/	Pass

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		Edge_1RB_Right	9.91	9.17	12.57	14.14	13.40	16.80	/	Pass
		Outer_Full	15.00	14.28	17.67	19.23	18.51	21.90	/	Pass
		Inner_Full	9.98	9.26	12.64	14.21	13.49	16.88	/	Pass
		Inner_1RB_Left	9.97	9.28	12.65	14.20	13.51	16.88	/	Pass
		Inner_1RB_Right	9.86	9.01	12.47	14.09	13.24	16.70	/	Pass
CP-OFDM 256 QAM	3560.01	Edge_1RB_Left	9.46	9.82	12.66	13.69	14.05	16.88	/	Pass
		Edge_1RB_Right	10.10	9.89	13.01	14.33	14.12	17.24	/	Pass
		Outer_Full	14.78	14.96	17.88	19.01	19.19	22.11	/	Pass
		Inner_Full	9.67	9.84	12.77	13.90	14.07	17.00	/	Pass
		Inner_1RB_Left	9.42	9.93	12.70	13.65	14.16	16.92	/	Pass
		Inner_1RB_Right	9.86	9.70	12.79	14.09	13.93	17.02	/	Pass
	3624.99	Edge_1RB_Left	10.19	9.90	13.06	14.42	14.13	17.29	/	Pass
		Edge_1RB_Right	10.18	9.79	13.00	14.41	14.02	17.23	/	Pass
		Outer_Full	15.17	15.02	18.11	19.40	19.25	22.34	/	Pass
		Inner_Full	10.21	10.04	13.14	14.44	14.27	17.37	/	Pass
		Inner_1RB_Left	10.37	10.00	13.20	14.60	14.23	17.43	/	Pass
		Inner_1RB_Right	10.09	9.96	13.04	14.32	14.19	17.27	/	Pass
	3690	Edge_1RB_Left	9.95	9.38	12.69	14.18	13.61	16.91	/	Pass
		Edge_1RB_Right	9.97	9.08	12.56	14.20	13.31	16.79	/	Pass
		Outer_Full	15.05	14.31	17.70	19.28	18.54	21.94	/	Pass
		Inner_Full	9.97	9.22	12.62	14.20	13.45	16.85	/	Pass
		Inner_1RB_Left	10.15	9.25	12.73	14.38	13.48	16.96	/	Pass
		Inner_1RB_Right	9.72	9.04	12.40	13.95	13.27	16.63	/	Pass

Note1: Antenna Gain: Ant1: 4.23dBi;   Ant2: 4.23dBi;

Note2: EIRP Ant 1=Conducted Power 1+Ant Gain / EIRP Ant 2=Conducted Power 2+Ant Gain / Sum=EIRP Ant 1+EIRP Ant 2

1.1.17 30k_MIMO_20MHz_NTNV_EIRP(dBm/10MHz)

5G NR n48 SCS=30kHz MIMO 20MHz NTNV										
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_1RB_Left	9.12	8.17	11.68	13.35	12.40	15.91	<=30	Pass
		Edge_1RB_Right	10.14	9.49	12.84	14.37	13.72	17.07	<=30	Pass
		Outer_Full	11.39	7.79	12.96	15.62	12.02	17.19	<=30	Pass
		Inner_Full	9.52	9.98	12.77	13.75	14.21	17.00	<=30	Pass
		Inner_1RB_Left	9.14	9.93	12.56	13.37	14.16	16.79	<=30	Pass

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		Inner_1RB_Right	9.04	8.85	11.96	13.27	13.08	16.19	<=30	Pass
	3624.99	Edge_1RB_Left	11.57	10.12	13.92	15.80	14.35	18.15	<=30	Pass
		Edge_1RB_Right	11.62	10.21	13.98	15.85	14.44	18.21	<=30	Pass
		Outer_Full	13.23	14.34	16.83	17.46	18.57	21.06	<=30	Pass
		Inner_Full	11.35	11.73	14.55	15.58	15.96	18.78	<=30	Pass
		Inner_1RB_Left	10.92	10.69	13.82	15.15	14.92	18.05	<=30	Pass
		Inner_1RB_Right	11.32	11.21	14.28	15.55	15.44	18.51	<=30	Pass
	3690	Edge_1RB_Left	10.85	9.35	13.17	15.08	13.58	17.40	<=30	Pass
		Edge_1RB_Right	11.21	6.92	12.58	15.44	11.15	16.81	<=30	Pass
		Outer_Full	12.94	11.93	15.47	17.17	16.16	19.70	<=30	Pass
		Inner_Full	11.19	9.52	13.45	15.42	13.75	17.68	<=30	Pass
		Inner_1RB_Left	11.66	9.14	13.59	15.89	13.37	17.82	<=30	Pass
		Inner_1RB_Right	12.39	9.27	14.11	16.62	13.50	18.34	<=30	Pass
CP-OFDM 16 QAM	3560.01	Edge_1RB_Left	8.34	8.62	11.49	12.57	12.85	15.72	<=30	Pass
		Edge_1RB_Right	8.89	9.61	12.28	13.12	13.84	16.51	<=30	Pass
		Outer_Full	11.99	10.78	14.44	16.22	15.01	18.67	<=30	Pass
		Inner_Full	9.41	9.36	12.40	13.64	13.59	16.63	<=30	Pass
		Inner_1RB_Left	9.13	10.14	12.67	13.36	14.37	16.90	<=30	Pass
		Inner_1RB_Right	9.13	10.02	12.61	13.36	14.25	16.84	<=30	Pass
	3624.99	Edge_1RB_Left	11.74	12.41	15.10	15.97	16.64	19.33	<=30	Pass
		Edge_1RB_Right	10.34	11.58	14.01	14.57	15.81	18.24	<=30	Pass
		Outer_Full	13.25	13.58	16.43	17.48	17.81	20.66	<=30	Pass
		Inner_Full	11.97	10.87	14.47	16.20	15.10	18.70	<=30	Pass
		Inner_1RB_Left	10.94	10.39	13.68	15.17	14.62	17.91	<=30	Pass
		Inner_1RB_Right	10.16	10.12	13.15	14.39	14.35	17.38	<=30	Pass
	3690	Edge_1RB_Left	11.45	11.47	14.47	15.68	15.70	18.70	<=30	Pass
		Edge_1RB_Right	10.27	10.42	13.36	14.50	14.65	17.59	<=30	Pass
		Outer_Full	13.73	11.75	15.86	17.96	15.98	20.09	<=30	Pass
		Inner_Full	11.21	9.28	13.36	15.44	13.51	17.59	<=30	Pass
		Inner_1RB_Left	11.07	9.28	13.28	15.30	13.51	17.51	<=30	Pass
		Inner_1RB_Right	11.44	8.55	13.24	15.67	12.78	17.47	<=30	Pass
CP-OFDM 64 QAM	3560.01	Edge_1RB_Left	10.50	9.60	13.08	14.73	13.83	17.31	<=30	Pass
		Edge_1RB_Right	7.12	8.68	10.98	11.35	12.91	15.21	<=30	Pass
		Outer_Full	12.21	11.15	14.72	16.44	15.38	18.95	<=30	Pass
		Inner_Full	9.72	8.30	12.08	13.95	12.53	16.31	<=30	Pass
		Inner_1RB_Left	9.61	8.46	12.08	13.84	12.69	16.31	<=30	Pass
		Inner_1RB_Right	9.11	8.27	11.72	13.34	12.50	15.95	<=30	Pass
	3624.99	Edge_1RB_Left	11.47	12.04	14.77	15.70	16.27	19.00	<=30	Pass

		Edge_1RB_Right	10.60	11.53	14.10	14.83	15.76	18.33	<=30	Pass
		Outer_Full	13.60	13.50	16.56	17.83	17.73	20.79	<=30	Pass
		Inner_Full	11.36	10.86	14.13	15.59	15.09	18.36	<=30	Pass
		Inner_1RB_Left	9.53	11.08	13.38	13.76	15.31	17.61	<=30	Pass
		Inner_1RB_Right	9.46	10.17	12.84	13.69	14.40	17.07	<=30	Pass
	3690	Edge_1RB_Left	12.01	8.24	13.53	16.24	12.47	17.76	<=30	Pass
		Edge_1RB_Right	11.60	8.37	13.29	15.83	12.60	17.52	<=30	Pass
		Outer_Full	12.35	11.98	15.18	16.58	16.21	19.41	<=30	Pass
		Inner_Full	8.80	10.95	13.02	13.03	15.18	17.25	<=30	Pass
		Inner_1RB_Left	11.72	9.38	13.72	15.95	13.61	17.95	<=30	Pass
		Inner_1RB_Right	8.45	10.90	12.86	12.68	15.13	17.09	<=30	Pass
CP-OFDM 256 QAM	3560.01	Edge_1RB_Left	9.76	9.14	12.47	13.99	13.37	16.70	<=30	Pass
		Edge_1RB_Right	9.63	9.04	12.36	13.86	13.27	16.59	<=30	Pass
		Outer_Full	12.22	12.87	15.57	16.45	17.10	19.80	<=30	Pass
		Inner_Full	9.94	9.10	12.55	14.17	13.33	16.78	<=30	Pass
		Inner_1RB_Left	10.11	9.04	12.62	14.34	13.27	16.85	<=30	Pass
		Inner_1RB_Right	9.60	10.22	12.93	13.83	14.45	17.16	<=30	Pass
	3624.99	Edge_1RB_Left	11.27	8.83	13.23	15.50	13.06	17.46	<=30	Pass
		Edge_1RB_Right	12.14	10.09	14.25	16.37	14.32	18.48	<=30	Pass
		Outer_Full	13.34	12.86	16.12	17.57	17.09	20.35	<=30	Pass
		Inner_Full	9.95	9.18	12.59	14.18	13.41	16.82	<=30	Pass
		Inner_1RB_Left	11.27	11.82	14.56	15.50	16.05	18.79	<=30	Pass
		Inner_1RB_Right	10.73	11.36	14.07	14.96	15.59	18.30	<=30	Pass
	3690	Edge_1RB_Left	7.97	9.89	12.05	12.20	14.12	16.28	<=30	Pass
		Edge_1RB_Right	10.24	8.96	12.66	14.47	13.19	16.89	<=30	Pass
		Outer_Full	14.93	12.65	16.95	19.16	16.88	21.18	<=30	Pass
		Inner_Full	10.40	10.51	13.47	14.63	14.74	17.70	<=30	Pass
		Inner_1RB_Left	9.05	9.35	12.21	13.28	13.58	16.44	<=30	Pass
		Inner_1RB_Right	9.40	10.67	13.09	13.63	14.90	17.32	<=30	Pass

Note1: Antenna Gain: Ant1: 4.23dBi;   Ant2: 4.23dBi;

Note2: EIRP Ant 1=Conducted Power 1+Ant Gain / EIRP Ant 2=Conducted Power 2+Ant Gain / Sum=EIRP Ant 1+EIRP Ant 2

1.1.18 30k_MIMO_20MHz_NTNV_PSD

5G NR n48 SCS=30kHz MIMO 20MHz NTNV					
Modulation	Frequency (MHz)	RB Allocation	Conducted PSD(dBm/MHz)	E.I.R.PSD(dBm/MHz)	Verdict

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			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3560.01	Edge_1RB_Left	10.54	8.74	12.62	14.77	12.97	16.97	<=20	Pass
		Edge_1RB_Right	10.91	8.92	12.36	15.14	13.15	17.27	<=20	Pass
		Outer_Full	4.53	3.85	6.76	8.76	8.08	11.44	<=20	Pass
		Inner_Full	2.33	1.63	4.47	6.56	5.86	9.23	<=20	Pass
		Inner_1RB_Left	11.25	9.25	13.07	15.48	13.48	17.60	<=20	Pass
		Inner_1RB_Right	10.74	10.31	13.13	14.97	14.54	17.77	<=20	Pass
	3624.99	Edge_1RB_Left	10.94	11.62	13.89	15.17	15.85	18.53	<=20	Pass
		Edge_1RB_Right	12.20	10.94	14.54	16.43	15.17	18.86	<=20	Pass
		Outer_Full	5.45	5.82	8.04	9.68	10.05	12.88	<=20	Pass
		Inner_Full	3.00	3.51	5.84	7.23	7.74	10.50	<=20	Pass
		Inner_1RB_Left	10.90	12.34	14.42	15.13	16.57	18.92	<=20	Pass
		Inner_1RB_Right	11.21	11.11	14.12	15.44	15.34	18.40	<=20	Pass
	3690	Edge_1RB_Left	12.48	11.57	14.51	16.71	15.80	19.29	<=20	Pass
		Edge_1RB_Right	11.36	12.43	14.53	15.59	16.66	19.17	<=20	Pass
		Outer_Full	5.72	5.09	7.76	9.95	9.32	12.66	<=20	Pass
		Inner_Full	1.32	4.21	5.36	5.55	8.44	10.24	<=20	Pass
		Inner_1RB_Left	12.06	10.70	13.97	16.29	14.93	18.67	<=20	Pass
		Inner_1RB_Right	10.88	10.02	13.34	15.11	14.25	17.71	<=20	Pass
CP-OFDM 16 QAM	3560.01	Edge_1RB_Left	11.51	8.58	13.05	15.74	12.81	17.53	<=20	Pass
		Edge_1RB_Right	11.54	9.03	13.12	15.77	13.26	17.70	<=20	Pass
		Outer_Full	3.42	3.84	6.34	7.65	8.07	10.88	<=20	Pass
		Inner_Full	2.21	2.37	4.65	6.44	6.60	9.53	<=20	Pass
		Inner_1RB_Left	10.49	9.82	12.78	14.72	14.05	17.41	<=20	Pass
		Inner_1RB_Right	9.64	10.23	12.50	13.87	14.46	17.19	<=20	Pass
	3624.99	Edge_1RB_Left	10.90	10.82	13.37	15.13	15.05	18.10	<=20	Pass
		Edge_1RB_Right	10.86	11.03	13.71	15.09	15.26	18.19	<=20	Pass
		Outer_Full	4.35	5.77	7.80	8.58	10.00	12.36	<=20	Pass
		Inner_Full	3.20	3.79	5.79	7.43	8.02	10.75	<=20	Pass
		Inner_1RB_Left	11.73	9.42	13.51	15.96	13.65	17.97	<=20	Pass
		Inner_1RB_Right	10.55	11.42	13.95	14.78	15.65	18.25	<=20	Pass
	3690	Edge_1RB_Left	9.05	11.72	13.15	13.28	15.95	17.83	<=20	Pass
		Edge_1RB_Right	12.04	10.90	14.42	16.27	15.13	18.75	<=20	Pass
		Outer_Full	5.17	5.52	7.96	9.40	9.75	12.59	<=20	Pass
		Inner_Full	3.10	2.53	4.88	7.33	6.76	10.06	<=20	Pass
		Inner_1RB_Left	11.83	12.08	14.42	16.06	16.31	19.20	<=20	Pass
		Inner_1RB_Right	11.15	9.03	12.76	15.38	13.26	17.46	<=20	Pass
CP-OFDM 64	3560.01	Edge_1RB_Left	9.57	9.98	12.43	13.80	14.21	17.02	<=20	Pass

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QAM		Edge_1RB_Right	9.67	9.88	12.59	13.90	14.11	17.02	<=20	Pass
		Outer_Full	4.05	3.70	6.41	8.28	7.93	11.12	<=20	Pass
		Inner_Full	1.90	1.73	4.67	6.13	5.96	9.06	<=20	Pass
		Inner_1RB_Left	11.02	9.13	12.76	15.25	13.36	17.42	<=20	Pass
		Inner_1RB_Right	10.44	8.04	12.16	14.67	12.27	16.64	<=20	Pass
	3624.99	Edge_1RB_Left	11.49	11.41	14.45	15.72	15.64	18.69	<=20	Pass
		Edge_1RB_Right	11.76	11.43	14.43	15.99	15.66	18.84	<=20	Pass
		Outer_Full	6.28	6.03	8.33	10.51	10.26	13.40	<=20	Pass
		Inner_Full	3.44	4.21	6.34	7.67	8.44	11.08	<=20	Pass
		Inner_1RB_Left	10.52	10.77	13.40	14.75	15.00	17.89	<=20	Pass
		Inner_1RB_Right	11.80	11.38	14.50	16.03	15.61	18.84	<=20	Pass
	3690	Edge_1RB_Left	10.94	10.50	13.44	15.17	14.73	17.97	<=20	Pass
		Edge_1RB_Right	9.98	10.25	12.97	14.21	14.48	17.36	<=20	Pass
		Outer_Full	5.77	4.41	7.91	10.00	8.64	12.38	<=20	Pass
		Inner_Full	3.50	2.36	5.08	7.73	6.59	10.21	<=20	Pass
		Inner_1RB_Left	9.81	11.04	12.93	14.04	15.27	17.71	<=20	Pass
		Inner_1RB_Right	11.65	9.87	13.35	15.88	14.10	18.09	<=20	Pass
CP-OFDM 256 QAM	3560.01	Edge_1RB_Left	10.52	10.08	12.61	14.75	14.31	17.55	<=20	Pass
		Edge_1RB_Right	9.76	10.22	12.68	13.99	14.45	17.24	<=20	Pass
		Outer_Full	3.87	3.67	6.26	8.10	7.90	11.01	<=20	Pass
		Inner_Full	2.37	2.16	4.53	6.60	6.39	9.51	<=20	Pass
		Inner_1RB_Left	11.02	9.16	12.80	15.25	13.39	17.43	<=20	Pass
		Inner_1RB_Right	10.03	10.75	13.30	14.26	14.98	17.65	<=20	Pass
	3624.99	Edge_1RB_Left	12.08	11.09	14.63	16.31	15.32	18.85	<=20	Pass
		Edge_1RB_Right	10.96	12.02	14.28	15.19	16.25	18.76	<=20	Pass
		Outer_Full	6.04	6.16	8.63	10.27	10.39	13.34	<=20	Pass
		Inner_Full	2.96	4.21	6.31	7.19	8.44	10.87	<=20	Pass
		Inner_1RB_Left	10.08	7.47	11.80	14.31	11.70	16.21	<=20	Pass
		Inner_1RB_Right	11.37	10.99	13.45	15.60	15.22	18.42	<=20	Pass
	3690	Edge_1RB_Left	11.98	11.42	14.72	16.21	15.65	18.95	<=20	Pass
		Edge_1RB_Right	12.83	10.76	14.90	17.06	14.99	19.16	<=20	Pass
		Outer_Full	5.61	4.11	7.01	9.84	8.34	12.16	<=20	Pass
		Inner_Full	2.87	1.20	4.64	7.10	5.43	9.36	<=20	Pass
		Inner_1RB_Left	10.30	12.71	14.49	14.53	16.94	18.91	<=20	Pass
		Inner_1RB_Right	11.70	9.10	13.38	15.93	13.33	17.83	<=20	Pass

Note1: Antenna Gain: Ant1: 4.23dBi; Ant2: 4.23dBi;

Note2: EIRP Ant 1=Conducted Power 1+Ant Gain / EIRP Ant 2=Conducted Power 2+Ant Gain / Sum=EIRP Ant

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1+EIRP Ant 2

1.1.19 30k_MIMO_30MHz_NTNV_EIRP

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	9.39	9.68	12.55	13.62	13.91	16.78	/	Pass
		Edge_1RB_Right	9.74	9.65	12.70	13.97	13.88	16.94	/	Pass
		Outer_Full	14.64	14.68	17.67	18.87	18.91	21.90	/	Pass
		Inner_Full	9.62	9.59	12.62	13.85	13.82	16.85	/	Pass
		Inner_1RB_Left	9.53	9.66	12.61	13.76	13.89	16.84	/	Pass
		Inner_1RB_Right	9.63	9.71	12.68	13.86	13.94	16.91	/	Pass
	3624.99	Edge_1RB_Left	10.18	10.01	13.10	14.41	14.24	17.34	/	Pass
		Edge_1RB_Right	9.94	9.96	12.96	14.17	14.19	17.19	/	Pass
		Outer_Full	15.18	15.04	18.12	19.41	19.27	22.35	/	Pass
		Inner_Full	10.06	9.96	13.02	14.29	14.19	17.25	/	Pass
		Inner_1RB_Left	10.16	10.03	13.11	14.39	14.26	17.34	/	Pass
		Inner_1RB_Right	9.87	9.90	12.89	14.10	14.13	17.13	/	Pass
	3684.99	Edge_1RB_Left	10.02	9.56	12.81	14.25	13.79	17.04	/	Pass
		Edge_1RB_Right	7.99	7.06	10.56	12.22	11.29	14.79	/	Pass
		Outer_Full	15.16	14.53	17.87	19.39	18.76	22.10	/	Pass
		Inner_Full	10.10	9.47	12.81	14.33	13.70	17.04	/	Pass
		Inner_1RB_Left	10.07	9.44	12.77	14.30	13.67	17.01	/	Pass
		Inner_1RB_Right	10.27	9.26	12.80	14.50	13.49	17.03	/	Pass
CP-OFDM 16 QAM	3565.02	Edge_1RB_Left	9.48	9.52	12.51	13.71	13.75	16.74	/	Pass
		Edge_1RB_Right	9.76	9.63	12.71	13.99	13.86	16.94	/	Pass
		Outer_Full	14.64	14.79	17.73	18.87	19.02	21.96	/	Pass
		Inner_Full	9.64	9.67	12.66	13.87	13.90	16.90	/	Pass
		Inner_1RB_Left	9.44	9.68	12.58	13.67	13.91	16.80	/	Pass
		Inner_1RB_Right	9.57	9.75	12.67	13.80	13.98	16.90	/	Pass
	3624.99	Edge_1RB_Left	10.03	10.03	13.04	14.26	14.26	17.27	/	Pass
		Edge_1RB_Right	9.95	9.77	12.87	14.18	14.00	17.10	/	Pass
		Outer_Full	15.04	14.98	18.02	19.27	19.21	22.25	/	Pass
		Inner_Full	10.10	9.94	13.03	14.33	14.17	17.26	/	Pass
		Inner_1RB_Left	9.89	10.10	13.00	14.12	14.33	17.24	/	Pass
		Inner_1RB_Right	9.98	10.00	13.00	14.21	14.23	17.23	/	Pass
	3684.99	Edge_1RB_Left	10.07	9.49	12.80	14.30	13.72	17.03	/	Pass

Table title: 5G NR n48 SCS=30kHz MIMO 30MHz NTNV

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		Edge_1RB_Right	10.02	9.31	12.69	14.25	13.54	16.92	/	Pass
		Outer_Full	15.17	14.33	17.78	19.40	18.56	22.01	/	Pass
		Inner_Full	10.10	9.35	12.76	14.33	13.58	16.98	/	Pass
		Inner_1RB_Left	9.96	9.41	12.70	14.19	13.64	16.93	/	Pass
		Inner_1RB_Right	10.09	9.31	12.73	14.32	13.54	16.96	/	Pass
CP-OFDM 64 QAM	3565.02	Edge_1RB_Left	9.25	9.58	12.43	13.48	13.81	16.66	/	Pass
		Edge_1RB_Right	9.72	9.78	12.76	13.95	14.01	16.99	/	Pass
		Outer_Full	14.75	14.72	17.74	18.98	18.95	21.98	/	Pass
		Inner_Full	9.72	9.68	12.71	13.95	13.91	16.94	/	Pass
		Inner_1RB_Left	9.49	9.87	12.69	13.72	14.10	16.92	/	Pass
		Inner_1RB_Right	9.66	9.69	12.68	13.89	13.92	16.92	/	Pass
	3624.99	Edge_1RB_Left	10.21	10.13	13.18	14.44	14.36	17.41	/	Pass
		Edge_1RB_Right	9.90	9.86	12.89	14.13	14.09	17.12	/	Pass
		Outer_Full	15.02	15.06	18.05	19.25	19.29	22.28	/	Pass
		Inner_Full	10.08	9.91	13.01	14.31	14.14	17.24	/	Pass
		Inner_1RB_Left	10.12	10.13	13.13	14.35	14.36	17.37	/	Pass
		Inner_1RB_Right	9.80	9.97	12.90	14.03	14.20	17.13	/	Pass
	3684.99	Edge_1RB_Left	9.95	9.46	12.72	14.18	13.69	16.95	/	Pass
		Edge_1RB_Right	10.10	9.03	12.61	14.33	13.26	16.84	/	Pass
		Outer_Full	15.17	14.43	17.83	19.40	18.66	22.06	/	Pass
		Inner_Full	10.12	9.30	12.74	14.35	13.53	16.97	/	Pass
		Inner_1RB_Left	10.12	9.36	12.77	14.35	13.59	17.00	/	Pass
		Inner_1RB_Right	10.01	9.16	12.62	14.24	13.39	16.85	/	Pass
CP-OFDM 256 QAM	3565.02	Edge_1RB_Left	9.41	10.03	12.74	13.64	14.26	16.97	/	Pass
		Edge_1RB_Right	9.72	9.71	12.72	13.95	13.94	16.96	/	Pass
		Outer_Full	14.76	14.78	17.78	18.99	19.01	22.01	/	Pass
		Inner_Full	9.73	9.72	12.73	13.96	13.95	16.97	/	Pass
		Inner_1RB_Left	4.46	5.18	7.85	8.69	9.41	12.08	/	Pass
		Inner_1RB_Right	9.63	9.68	12.66	13.86	13.91	16.90	/	Pass
	3624.99	Edge_1RB_Left	10.17	10.08	13.13	14.40	14.31	17.37	/	Pass
		Edge_1RB_Right	9.85	9.65	12.76	14.08	13.88	16.99	/	Pass
		Outer_Full	15.17	15.07	18.13	19.40	19.30	22.36	/	Pass
		Inner_Full	10.13	9.90	13.03	14.36	14.13	17.26	/	Pass
		Inner_1RB_Left	10.08	9.87	12.98	14.31	14.10	17.22	/	Pass
		Inner_1RB_Right	9.86	10.00	12.94	14.09	14.23	17.17	/	Pass
	3684.99	Edge_1RB_Left	10.00	9.42	12.73	14.23	13.65	16.96	/	Pass
		Edge_1RB_Right	10.14	9.22	12.71	14.37	13.45	16.94	/	Pass
		Outer_Full	15.20	14.47	17.86	19.43	18.70	22.09	/	Pass

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	Inner_Full	10.17	9.41	12.82	14.40	13.64	17.05	/	Pass
	Inner_1RB_Left	10.04	9.66	12.87	14.27	13.89	17.09	/	Pass
	Inner_1RB_Right	10.01	9.30	12.68	14.24	13.53	16.91	/	Pass

Note1: Antenna Gain: Ant1: 4.23dBi;   Ant2: 4.23dBi;

Note2: EIRP Ant 1=Conducted Power 1+Ant Gain / EIRP Ant 2=Conducted Power 2+Ant Gain / Sum=EIRP Ant 1+EIRP Ant 2

1.1.20 30k_MIMO_30MHz_NTNV_EIRP(dBm/10MHz)

5G NR n48 SCS=30kHz MIMO 30MHz NTNV										
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	9.47	8.19	11.89	13.70	12.42	16.12	<=30	Pass
		Edge_1RB_Right	10.67	10.47	13.58	14.90	14.70	17.81	<=30	Pass
		Outer_Full	13.25	10.07	14.96	17.48	14.30	19.19	<=30	Pass
		Inner_Full	10.76	10.56	13.67	14.99	14.79	17.90	<=30	Pass
		Inner_1RB_Left	9.15	6.56	11.06	13.38	10.79	15.29	<=30	Pass
		Inner_1RB_Right	10.42	9.45	12.97	14.65	13.68	17.20	<=30	Pass
	3624.99	Edge_1RB_Left	11.98	10.24	14.21	16.21	14.47	18.44	<=30	Pass
		Edge_1RB_Right	11.48	10.56	14.05	15.71	14.79	18.28	<=30	Pass
		Outer_Full	12.50	11.92	15.23	16.73	16.15	19.46	<=30	Pass
		Inner_Full	9.39	9.62	12.52	13.62	13.85	16.75	<=30	Pass
		Inner_1RB_Left	11.58	10.52	14.09	15.81	14.75	18.32	<=30	Pass
		Inner_1RB_Right	11.26	11.28	14.28	15.49	15.51	18.51	<=30	Pass
	3684.99	Edge_1RB_Left	10.36	10.06	13.22	14.59	14.29	17.45	<=30	Pass
		Edge_1RB_Right	9.68	9.57	12.64	13.91	13.80	16.87	<=30	Pass
		Outer_Full	11.66	10.32	14.05	15.89	14.55	18.28	<=30	Pass
		Inner_Full	9.81	8.66	12.28	14.04	12.89	16.51	<=30	Pass
		Inner_1RB_Left	10.28	10.41	13.36	14.51	14.64	17.59	<=30	Pass
		Inner_1RB_Right	11.75	8.99	13.60	15.98	13.22	17.83	<=30	Pass
CP-OFDM 16 QAM	3565.02	Edge_1RB_Left	9.63	7.08	11.55	13.86	11.31	15.78	<=30	Pass
		Edge_1RB_Right	10.11	12.06	14.20	14.34	16.29	18.43	<=30	Pass
		Outer_Full	13.90	12.85	16.42	18.13	17.08	20.65	<=30	Pass
		Inner_Full	10.52	9.94	13.25	14.75	14.17	17.48	<=30	Pass
		Inner_1RB_Left	9.79	9.80	12.81	14.02	14.03	17.04	<=30	Pass
		Inner_1RB_Right	11.40	9.61	13.61	15.63	13.84	17.84	<=30	Pass
	3624.99	Edge_1RB_Left	10.46	10.00	13.25	14.69	14.23	17.48	<=30	Pass

		Edge_1RB_Right	9.14	8.75	11.96	13.37	12.98	16.19	<=30	Pass
		Outer_Full	11.90	12.72	15.34	16.13	16.95	19.57	<=30	Pass
		Inner_Full	9.64	8.88	12.29	13.87	13.11	16.52	<=30	Pass
		Inner_1RB_Left	11.12	8.65	13.07	15.35	12.88	17.30	<=30	Pass
		Inner_1RB_Right	11.54	10.77	14.18	15.77	15.00	18.41	<=30	Pass
	3684.99	Edge_1RB_Left	11.42	9.88	13.73	15.65	14.11	17.96	<=30	Pass
		Edge_1RB_Right	8.51	6.77	10.74	12.74	11.00	14.97	<=30	Pass
		Outer_Full	11.01	9.30	13.25	15.24	13.53	17.48	<=30	Pass
		Inner_Full	9.17	7.58	11.46	13.40	11.81	15.69	<=30	Pass
		Inner_1RB_Left	10.65	9.41	13.08	14.88	13.64	17.31	<=30	Pass
		Inner_1RB_Right	10.22	9.17	12.74	14.45	13.40	16.97	<=30	Pass
CP-OFDM 64 QAM	3565.02	Edge_1RB_Left	9.97	8.50	12.31	14.20	12.73	16.54	<=30	Pass
		Edge_1RB_Right	10.90	12.09	14.55	15.13	16.32	18.78	<=30	Pass
		Outer_Full	13.13	12.87	16.01	17.36	17.10	20.24	<=30	Pass
		Inner_Full	10.39	10.71	13.56	14.62	14.94	17.79	<=30	Pass
		Inner_1RB_Left	10.14	9.20	12.71	14.37	13.43	16.94	<=30	Pass
		Inner_1RB_Right	9.50	10.81	13.21	13.73	15.04	17.44	<=30	Pass
	3624.99	Edge_1RB_Left	10.51	11.12	13.84	14.74	15.35	18.07	<=30	Pass
		Edge_1RB_Right	9.16	9.87	12.54	13.39	14.10	16.77	<=30	Pass
		Outer_Full	10.81	11.57	14.22	15.04	15.80	18.45	<=30	Pass
		Inner_Full	9.85	8.95	12.43	14.08	13.18	16.66	<=30	Pass
		Inner_1RB_Left	9.74	7.27	11.69	13.97	11.50	15.92	<=30	Pass
		Inner_1RB_Right	9.51	9.83	12.68	13.74	14.06	16.91	<=30	Pass
	3684.99	Edge_1RB_Left	11.72	11.15	14.45	15.95	15.38	18.68	<=30	Pass
		Edge_1RB_Right	11.50	11.13	14.33	15.73	15.36	18.56	<=30	Pass
		Outer_Full	10.11	9.29	12.73	14.34	13.52	16.96	<=30	Pass
		Inner_Full	9.23	6.61	11.12	13.46	10.84	15.35	<=30	Pass
		Inner_1RB_Left	9.70	11.21	13.53	13.93	15.44	17.76	<=30	Pass
		Inner_1RB_Right	8.83	9.05	11.95	13.06	13.28	16.18	<=30	Pass
CP-OFDM 256 QAM	3565.02	Edge_1RB_Left	9.43	10.38	12.94	13.66	14.61	17.17	<=30	Pass
		Edge_1RB_Right	11.89	11.52	14.72	16.12	15.75	18.95	<=30	Pass
		Outer_Full	10.84	11.25	14.06	15.07	15.48	18.29	<=30	Pass
		Inner_Full	12.12	11.16	14.68	16.35	15.39	18.91	<=30	Pass
		Inner_1RB_Left	7.92	10.55	12.44	12.15	14.78	16.67	<=30	Pass
		Inner_1RB_Right	11.48	10.20	13.90	15.71	14.43	18.13	<=30	Pass
	3624.99	Edge_1RB_Left	10.97	9.65	13.37	15.20	13.88	17.60	<=30	Pass
		Edge_1RB_Right	10.59	9.49	13.09	14.82	13.72	17.32	<=30	Pass
		Outer_Full	11.77	11.05	14.44	16.00	15.28	18.67	<=30	Pass

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		Inner_Full	9.18	8.38	11.81	13.41	12.61	16.04	<=30	Pass
		Inner_1RB_Left	10.26	9.61	12.96	14.49	13.84	17.19	<=30	Pass
		Inner_1RB_Right	11.02	9.80	13.46	15.25	14.03	17.69	<=30	Pass
	3684.99	Edge_1RB_Left	10.55	9.78	13.19	14.78	14.01	17.42	<=30	Pass
		Edge_1RB_Right	10.74	8.74	12.86	14.97	12.97	17.09	<=30	Pass
		Outer_Full	10.23	10.53	13.39	14.46	14.76	17.62	<=30	Pass
		Inner_Full	8.85	8.30	11.59	13.08	12.53	15.82	<=30	Pass
		Inner_1RB_Left	10.10	9.13	12.65	14.33	13.36	16.88	<=30	Pass
		Inner_1RB_Right	6.89	9.17	11.19	11.12	13.40	15.42	<=30	Pass

Note1: Antenna Gain: Ant1: 4.23dBi;   Ant2: 4.23dBi;

Note2: EIRP Ant 1=Conducted Power 1+Ant Gain / EIRP Ant 2=Conducted Power 2+Ant Gain / Sum=EIRP Ant 1+EIRP Ant 2

1.1.21 30k_MIMO_30MHz_NTNV_PSD

5G NR n48 SCS=30kHz MIMO 30MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted PSD(dBm/MHz)			E.I.R.PSD(dBm/MHz)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3565.02	Edge_1RB_Left	10.44	9.44	12.78	14.67	13.67	17.21	<=20	Pass
		Edge_1RB_Right	10.70	12.85	14.07	14.93	17.08	19.15	<=20	Pass
		Outer_Full	5.00	4.94	7.37	9.23	9.17	12.21	<=20	Pass
		Inner_Full	1.81	2.43	4.88	6.04	6.66	9.37	<=20	Pass
		Inner_1RB_Left	10.74	7.13	12.10	14.97	11.36	16.54	<=20	Pass
		Inner_1RB_Right	12.93	9.89	14.47	17.16	14.12	18.91	<=20	Pass
	3624.99	Edge_1RB_Left	12.20	11.83	14.61	16.43	16.06	19.26	<=20	Pass
		Edge_1RB_Right	10.59	11.16	13.82	14.82	15.39	18.12	<=20	Pass
		Outer_Full	3.43	3.87	6.08	7.66	8.10	10.90	<=20	Pass
		Inner_Full	0.86	1.78	3.55	5.09	6.01	8.58	<=20	Pass
		Inner_1RB_Left	9.35	9.97	12.58	13.58	14.20	16.91	<=20	Pass
		Inner_1RB_Right	11.31	10.88	13.60	15.54	15.11	18.34	<=20	Pass
	3684.99	Edge_1RB_Left	10.75	10.82	13.51	14.98	15.05	18.03	<=20	Pass
		Edge_1RB_Right	11.38	8.21	13.01	15.61	12.44	17.32	<=20	Pass
		Outer_Full	3.44	2.48	5.52	7.67	6.71	10.23	<=20	Pass
		Inner_Full	0.56	0.66	3.28	4.79	4.89	7.85	<=20	Pass
		Inner_1RB_Left	11.62	12.12	14.89	15.85	16.35	19.12	<=20	Pass
		Inner_1RB_Right	10.77	8.05	12.63	15.00	12.28	16.86	<=20	Pass
CP-OFDM 16	3565.02	Edge_1RB_Left	11.29	8.93	12.60	15.52	13.16	17.51	<=20	Pass

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QAM		Edge_1RB_Right	11.46	11.91	13.72	15.69	16.14	18.93	<=20	Pass
		Outer_Full	4.55	4.99	6.92	8.78	9.22	12.02	<=20	Pass
		Inner_Full	1.71	3.25	5.34	5.94	7.48	9.79	<=20	Pass
		Inner_1RB_Left	10.02	10.18	12.72	14.25	14.41	17.34	<=20	Pass
		Inner_1RB_Right	8.94	13.25	14.39	13.17	17.48	18.85	<=20	Pass
	3624.99	Edge_1RB_Left	11.14	10.83	14.00	15.37	15.06	18.23	<=20	Pass
		Edge_1RB_Right	12.15	11.61	14.90	16.38	15.84	19.13	<=20	Pass
		Outer_Full	3.88	2.77	5.69	8.11	7.00	10.60	<=20	Pass
		Inner_Full	3.18	1.82	4.09	7.41	6.05	9.79	<=20	Pass
		Inner_1RB_Left	11.84	11.89	14.36	16.07	16.12	19.11	<=20	Pass
		Inner_1RB_Right	10.82	12.04	14.01	15.05	16.27	18.71	<=20	Pass
	3684.99	Edge_1RB_Left	10.03	10.92	13.48	14.26	15.15	17.74	<=20	Pass
		Edge_1RB_Right	12.24	10.72	14.22	16.47	14.95	18.79	<=20	Pass
		Outer_Full	2.84	3.29	5.63	7.07	7.52	10.31	<=20	Pass
		Inner_Full	1.83	0.93	3.82	6.06	5.16	8.64	<=20	Pass
		Inner_1RB_Left	11.67	11.55	14.62	15.90	15.78	18.85	<=20	Pass
		Inner_1RB_Right	12.36	11.24	14.56	16.59	15.47	19.08	<=20	Pass
CP-OFDM 64 QAM	3565.02	Edge_1RB_Left	9.47	10.00	12.73	13.70	14.23	16.98	<=20	Pass
		Edge_1RB_Right	11.94	11.58	14.77	16.17	15.81	19.00	<=20	Pass
		Outer_Full	3.36	4.97	6.96	7.59	9.20	11.48	<=20	Pass
		Inner_Full	3.52	2.25	5.21	7.75	6.48	10.17	<=20	Pass
		Inner_1RB_Left	10.06	9.40	12.38	14.29	13.63	16.98	<=20	Pass
		Inner_1RB_Right	11.87	12.64	14.86	16.10	16.87	19.51	<=20	Pass
	3624.99	Edge_1RB_Left	11.46	10.81	13.93	15.69	15.04	18.39	<=20	Pass
		Edge_1RB_Right	10.55	10.47	13.37	14.78	14.70	17.75	<=20	Pass
		Outer_Full	2.72	4.02	5.75	6.95	8.25	10.66	<=20	Pass
		Inner_Full	0.64	0.68	3.32	4.87	4.91	7.90	<=20	Pass
		Inner_1RB_Left	11.65	9.99	13.53	15.88	14.22	18.14	<=20	Pass
		Inner_1RB_Right	11.41	11.74	13.97	15.64	15.97	18.82	<=20	Pass
	3684.99	Edge_1RB_Left	9.69	12.10	14.02	13.92	16.33	18.30	<=20	Pass
		Edge_1RB_Right	10.13	9.13	12.66	14.36	13.36	16.90	<=20	Pass
		Outer_Full	3.35	2.85	5.57	7.58	7.08	10.35	<=20	Pass
		Inner_Full	1.53	-0.08	3.36	5.76	4.15	8.04	<=20	Pass
		Inner_1RB_Left	10.28	9.98	13.15	14.51	14.21	17.37	<=20	Pass
		Inner_1RB_Right	11.33	10.31	13.26	15.56	14.54	18.09	<=20	Pass
CP-OFDM 256 QAM	3565.02	Edge_1RB_Left	10.64	10.10	13.39	14.87	14.33	17.62	<=20	Pass
		Edge_1RB_Right	4.97	10.51	11.04	9.20	14.74	15.81	<=20	Pass
		Outer_Full	5.29	4.72	7.51	9.52	8.95	12.25	<=20	Pass

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		Inner_Full	2.08	3.07	4.80	6.31	7.30	9.84	<=20	Pass
		Inner_1RB_Left	10.49	10.02	13.13	14.72	14.25	17.50	<=20	Pass
		Inner_1RB_Right	11.18	10.79	13.62	15.41	15.02	18.23	<=20	Pass
	3624.99	Edge_1RB_Left	10.70	11.08	13.75	14.93	15.31	18.13	<=20	Pass
		Edge_1RB_Right	11.59	10.96	14.29	15.82	15.19	18.53	<=20	Pass
		Outer_Full	3.17	3.37	6.03	7.40	7.60	10.51	<=20	Pass
		Inner_Full	0.98	1.58	3.85	5.21	5.81	8.53	<=20	Pass
		Inner_1RB_Left	12.50	11.59	14.86	16.73	15.82	19.31	<=20	Pass
		Inner_1RB_Right	10.31	10.27	13.04	14.54	14.50	17.53	<=20	Pass
	3684.99	Edge_1RB_Left	9.85	10.73	13.27	14.08	14.96	17.55	<=20	Pass
		Edge_1RB_Right	9.78	9.65	12.15	14.01	13.88	16.96	<=20	Pass
		Outer_Full	4.11	2.47	5.87	8.34	6.70	10.61	<=20	Pass
		Inner_Full	0.67	0.82	3.30	4.90	5.05	7.99	<=20	Pass
		Inner_1RB_Left	11.45	9.84	13.63	15.68	14.07	17.96	<=20	Pass
		Inner_1RB_Right	10.93	10.91	13.64	15.16	15.14	18.16	<=20	Pass

Note1: Antenna Gain: Ant1: 4.23dBi;   Ant2: 4.23dBi;

Note2: EIRP Ant 1=Conducted Power 1+Ant Gain / EIRP Ant 2=Conducted Power 2+Ant Gain / Sum=EIRP Ant 1+EIRP Ant 2

1.1.22 30k_MIMO_40MHz_NTNV_EIRP

5G NR n48 SCS=30kHz MIMO 40MHz NTNV									
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	9.39	9.85	12.64	13.62	14.08	16.87	/	Pass
		Edge_1RB_Right	9.80	10.02	12.92	14.03	14.25	17.15	/	Pass
		Outer_Full	14.80	14.91	17.87	19.03	19.14	22.10	/	Pass
		Inner_Full	9.77	9.71	12.75	14.00	13.94	16.98	/	Pass
		Inner_1RB_Left	9.40	9.85	12.64	13.63	14.08	16.87	/	Pass
		Inner_1RB_Right	9.77	10.00	12.90	14.00	14.23	17.13	/	Pass
	3624.99	Edge_1RB_Left	10.09	10.03	13.07	14.32	14.26	17.30	/	Pass
		Edge_1RB_Right	6.68	6.85	9.77	10.91	11.08	14.01	/	Pass
		Outer_Full	15.13	15.00	18.07	19.36	19.23	22.31	/	Pass
		Inner_Full	10.10	9.98	13.05	14.33	14.21	17.28	/	Pass
		Inner_1RB_Left	10.02	10.03	13.04	14.25	14.26	17.27	/	Pass
		Inner_1RB_Right	10.08	10.06	13.08	14.31	14.29	17.31	/	Pass
	3679.98	Edge_1RB_Left	9.66	9.62	12.65	13.89	13.85	16.88	/	Pass
		Edge_1RB_Right	10.12	9.24	12.72	14.35	13.47	16.94	/	Pass

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		Outer_Full	15.05	14.47	17.78	19.28	18.70	22.01	/	Pass
		Inner_Full	10.04	9.35	12.72	14.27	13.58	16.95	/	Pass
		Inner_1RB_Left	9.74	9.54	12.65	13.97	13.77	16.88	/	Pass
		Inner_1RB_Right	10.15	9.22	12.72	14.38	13.45	16.95	/	Pass
CP-OFDM 16 QAM	3570	Edge_1RB_Left	9.42	9.69	12.57	13.65	13.92	16.80	/	Pass
		Edge_1RB_Right	9.58	10.02	12.82	13.81	14.25	17.05	/	Pass
		Outer_Full	14.78	14.86	17.83	19.01	19.09	22.06	/	Pass
		Inner_Full	9.78	9.76	12.78	14.01	13.99	17.01	/	Pass
		Inner_1RB_Left	9.49	9.86	12.69	13.72	14.09	16.92	/	Pass
		Inner_1RB_Right	9.58	10.21	12.91	13.81	14.44	17.15	/	Pass
	3624.99	Edge_1RB_Left	10.17	9.90	13.05	14.40	14.13	17.28	/	Pass
		Edge_1RB_Right	9.94	9.89	12.93	14.17	14.12	17.16	/	Pass
		Outer_Full	15.05	14.94	18.01	19.28	19.17	22.24	/	Pass
		Inner_Full	9.99	9.89	12.95	14.22	14.12	17.18	/	Pass
		Inner_1RB_Left	10.08	10.00	13.05	14.31	14.23	17.28	/	Pass
		Inner_1RB_Right	10.01	9.85	12.94	14.24	14.08	17.17	/	Pass
	3679.98	Edge_1RB_Left	9.59	9.60	12.60	13.82	13.83	16.84	/	Pass
		Edge_1RB_Right	10.07	9.11	12.63	14.30	13.34	16.86	/	Pass
		Outer_Full	15.03	14.33	17.71	19.26	18.56	21.93	/	Pass
		Inner_Full	10.02	9.19	12.64	14.25	13.42	16.87	/	Pass
		Inner_1RB_Left	9.72	9.61	12.68	13.95	13.84	16.91	/	Pass
		Inner_1RB_Right	10.11	9.34	12.75	14.34	13.57	16.98	/	Pass
CP-OFDM 64 QAM	3570	Edge_1RB_Left	9.49	9.81	12.66	13.72	14.04	16.89	/	Pass
		Edge_1RB_Right	9.56	9.82	12.71	13.79	14.05	16.93	/	Pass
		Outer_Full	14.70	14.93	17.83	18.93	19.16	22.06	/	Pass
		Inner_Full	9.71	9.78	12.75	13.94	14.01	16.99	/	Pass
		Inner_1RB_Left	9.26	9.76	12.53	13.49	13.99	16.76	/	Pass
		Inner_1RB_Right	9.78	10.05	12.93	14.01	14.28	17.16	/	Pass
	3624.99	Edge_1RB_Left	10.17	10.07	13.13	14.40	14.30	17.36	/	Pass
		Edge_1RB_Right	9.86	9.83	12.86	14.09	14.06	17.09	/	Pass
		Outer_Full	15.06	14.99	18.04	19.29	19.22	22.27	/	Pass
		Inner_Full	10.04	9.87	12.97	14.27	14.10	17.20	/	Pass
		Inner_1RB_Left	10.00	9.89	12.96	14.23	14.12	17.19	/	Pass
		Inner_1RB_Right	9.99	9.88	12.94	14.22	14.11	17.18	/	Pass
	3679.98	Edge_1RB_Left	9.75	9.60	12.69	13.98	13.83	16.92	/	Pass
		Edge_1RB_Right	10.04	8.99	12.56	14.27	13.22	16.79	/	Pass
		Outer_Full	14.96	14.37	17.69	19.19	18.60	21.92	/	Pass
		Inner_Full	9.94	9.18	12.58	14.17	13.41	16.82	/	Pass

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		Inner_1RB_Left	9.63	9.34	12.50	13.86	13.57	16.73	/	Pass
		Inner_1RB_Right	10.06	9.01	12.58	14.29	13.24	16.81	/	Pass
CP-OFDM 256 QAM	3570	Edge_1RB_Left	9.43	9.77	12.61	13.66	14.00	16.84	/	Pass
		Edge_1RB_Right	9.75	9.97	12.87	13.98	14.20	17.10	/	Pass
		Outer_Full	14.77	14.87	17.83	19.00	19.10	22.06	/	Pass
		Inner_Full	9.86	9.73	12.81	14.09	13.96	17.04	/	Pass
		Inner_1RB_Left	9.39	9.74	12.58	13.62	13.97	16.81	/	Pass
		Inner_1RB_Right	9.82	10.06	12.95	14.05	14.29	17.18	/	Pass
	3624.99	Edge_1RB_Left	10.11	9.96	13.05	14.34	14.19	17.28	/	Pass
		Edge_1RB_Right	9.92	9.94	12.94	14.15	14.17	17.17	/	Pass
		Outer_Full	15.20	15.06	18.14	19.43	19.29	22.37	/	Pass
		Inner_Full	10.09	10.04	13.08	14.32	14.27	17.31	/	Pass
		Inner_1RB_Left	10.03	9.94	13.00	14.26	14.17	17.23	/	Pass
		Inner_1RB_Right	9.96	10.10	13.04	14.19	14.33	17.27	/	Pass
	3679.98	Edge_1RB_Left	9.64	9.56	12.61	13.87	13.79	16.84	/	Pass
		Edge_1RB_Right	10.03	9.06	12.58	14.26	13.29	16.81	/	Pass
		Outer_Full	15.07	14.42	17.77	19.30	18.65	22.00	/	Pass
		Inner_Full	9.96	9.29	12.65	14.19	13.52	16.88	/	Pass
		Inner_1RB_Left	9.57	9.47	12.53	13.80	13.70	16.76	/	Pass
		Inner_1RB_Right	10.01	9.19	12.63	14.24	13.42	16.86	/	Pass

Note1: Antenna Gain: Ant1: 4.23dBi;   Ant2: 4.23dBi;

Note2: EIRP Ant 1=Conducted Power 1+Ant Gain / EIRP Ant 2=Conducted Power 2+Ant Gain / Sum=EIRP Ant 1+EIRP Ant 2

1.1.23 30k_MIMO_40MHz_NTNV_EIRP(dBm/10MHz)

5G NR n48 SCS=30kHz MIMO 40MHz NTNV										
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	11.52	10.05	13.86	15.75	14.28	18.09	<=30	Pass
		Edge_1RB_Right	11.43	7.92	13.03	15.66	12.15	17.26	<=30	Pass
		Outer_Full	11.08	12.18	14.68	15.31	16.41	18.91	<=30	Pass
		Inner_Full	9.59	9.27	12.44	13.82	13.50	16.67	<=30	Pass
		Inner_1RB_Left	14.17	12.97	16.62	18.40	17.20	20.85	<=30	Pass
		Inner_1RB_Right	10.71	10.12	13.44	14.94	14.35	17.67	<=30	Pass
	3624.99	Edge_1RB_Left	12.32	10.50	14.51	16.55	14.73	18.74	<=30	Pass
		Edge_1RB_Right	10.30	7.66	12.19	14.53	11.89	16.42	<=30	Pass

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		Outer_Full	11.09	10.60	13.86	15.32	14.83	18.09	<=30	Pass
		Inner_Full	8.51	8.57	11.55	12.74	12.80	15.78	<=30	Pass
		Inner_1RB_Left	10.86	10.60	13.74	15.09	14.83	17.97	<=30	Pass
		Inner_1RB_Right	11.18	9.02	13.24	15.41	13.25	17.47	<=30	Pass
	3679.98	Edge_1RB_Left	8.85	10.88	12.99	13.08	15.11	17.22	<=30	Pass
		Edge_1RB_Right	10.40	9.86	13.15	14.63	14.09	17.38	<=30	Pass
		Outer_Full	9.72	9.27	12.51	13.95	13.50	16.74	<=30	Pass
		Inner_Full	8.48	8.57	11.54	12.71	12.80	15.77	<=30	Pass
		Inner_1RB_Left	11.47	11.78	14.64	15.70	16.01	18.87	<=30	Pass
		Inner_1RB_Right	10.14	9.46	12.82	14.37	13.69	17.05	<=30	Pass
CP-OFDM 16 QAM	3570	Edge_1RB_Left	11.14	12.34	14.79	15.37	16.57	19.02	<=30	Pass
		Edge_1RB_Right	11.19	12.28	14.78	15.42	16.51	19.01	<=30	Pass
		Outer_Full	11.28	10.01	13.70	15.51	14.24	17.93	<=30	Pass
		Inner_Full	10.22	9.03	12.68	14.45	13.26	16.91	<=30	Pass
		Inner_1RB_Left	10.43	10.44	13.45	14.66	14.67	17.68	<=30	Pass
		Inner_1RB_Right	10.10	11.70	13.98	14.33	15.93	18.21	<=30	Pass
	3624.99	Edge_1RB_Left	11.66	10.56	14.16	15.89	14.79	18.39	<=30	Pass
		Edge_1RB_Right	11.12	10.30	13.74	15.35	14.53	17.97	<=30	Pass
		Outer_Full	9.45	10.66	13.11	13.68	14.89	17.34	<=30	Pass
		Inner_Full	8.59	8.59	11.60	12.82	12.82	15.83	<=30	Pass
		Inner_1RB_Left	11.14	10.47	13.83	15.37	14.70	18.06	<=30	Pass
		Inner_1RB_Right	11.09	10.34	13.74	15.32	14.57	17.97	<=30	Pass
	3679.98	Edge_1RB_Left	12.13	11.06	14.64	16.36	15.29	18.87	<=30	Pass
		Edge_1RB_Right	10.55	9.50	13.07	14.78	13.73	17.30	<=30	Pass
		Outer_Full	10.10	8.27	12.29	14.33	12.50	16.52	<=30	Pass
		Inner_Full	6.75	4.91	8.94	10.98	9.14	13.17	<=30	Pass
		Inner_1RB_Left	10.09	9.55	12.84	14.32	13.78	17.07	<=30	Pass
		Inner_1RB_Right	10.40	8.50	12.56	14.63	12.73	16.79	<=30	Pass
CP-OFDM 64 QAM	3570	Edge_1RB_Left	11.72	12.08	14.91	15.95	16.31	19.14	<=30	Pass
		Edge_1RB_Right	12.56	12.25	15.42	16.79	16.48	19.65	<=30	Pass
		Outer_Full	9.99	10.88	13.47	14.22	15.11	17.70	<=30	Pass
		Inner_Full	7.40	7.99	10.72	11.63	12.22	14.95	<=30	Pass
		Inner_1RB_Left	9.96	12.19	14.23	14.19	16.42	18.46	<=30	Pass
		Inner_1RB_Right	10.49	10.33	13.42	14.72	14.56	17.65	<=30	Pass
	3624.99	Edge_1RB_Left	9.60	11.95	13.94	13.83	16.18	18.17	<=30	Pass
		Edge_1RB_Right	11.03	10.52	13.79	15.26	14.75	18.02	<=30	Pass
		Outer_Full	10.20	9.26	12.77	14.43	13.49	17.00	<=30	Pass
		Inner_Full	6.49	7.69	10.14	10.72	11.92	14.37	<=30	Pass

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		Inner_1RB_Left	11.39	11.41	14.41	15.62	15.64	18.64	<=30	Pass
		Inner_1RB_Right	9.89	10.55	13.24	14.12	14.78	17.47	<=30	Pass
	3679.98	Edge_1RB_Left	10.40	10.76	13.59	14.63	14.99	17.82	<=30	Pass
		Edge_1RB_Right	9.93	10.11	13.03	14.16	14.34	17.26	<=30	Pass
		Outer_Full	9.45	8.62	12.07	13.68	12.85	16.30	<=30	Pass
		Inner_Full	6.64	5.55	9.14	10.87	9.78	13.37	<=30	Pass
		Inner_1RB_Left	10.14	10.30	13.23	14.37	14.53	17.46	<=30	Pass
		Inner_1RB_Right	11.07	10.48	13.80	15.30	14.71	18.03	<=30	Pass
CP-OFDM 256 QAM	3570	Edge_1RB_Left	10.30	8.69	12.58	14.53	12.92	16.81	<=30	Pass
		Edge_1RB_Right	11.81	9.47	13.81	16.04	13.70	18.04	<=30	Pass
		Outer_Full	11.76	12.22	15.01	15.99	16.45	19.24	<=30	Pass
		Inner_Full	9.58	9.40	12.50	13.81	13.63	16.73	<=30	Pass
		Inner_1RB_Left	10.35	11.11	13.76	14.58	15.34	17.99	<=30	Pass
		Inner_1RB_Right	11.91	10.77	14.39	16.14	15.00	18.62	<=30	Pass
	3624.99	Edge_1RB_Left	9.36	10.18	12.80	13.59	14.41	17.03	<=30	Pass
		Edge_1RB_Right	9.88	9.65	12.78	14.11	13.88	17.01	<=30	Pass
		Outer_Full	8.83	9.68	12.29	13.06	13.91	16.52	<=30	Pass
		Inner_Full	6.72	8.39	10.65	10.95	12.62	14.88	<=30	Pass
		Inner_1RB_Left	12.23	9.04	13.93	16.46	13.27	18.16	<=30	Pass
		Inner_1RB_Right	8.39	10.49	12.58	12.62	14.72	16.81	<=30	Pass
	3679.98	Edge_1RB_Left	8.26	7.98	11.13	12.49	12.21	15.36	<=30	Pass
		Edge_1RB_Right	9.55	9.88	12.73	13.78	14.11	16.96	<=30	Pass
		Outer_Full	10.22	8.62	12.50	14.45	12.85	16.73	<=30	Pass
		Inner_Full	7.71	5.91	9.91	11.94	10.14	14.14	<=30	Pass
		Inner_1RB_Left	11.35	10.03	13.75	15.58	14.26	17.98	<=30	Pass
		Inner_1RB_Right	12.62	8.09	13.93	16.85	12.32	18.16	<=30	Pass

Note1: Antenna Gain: Ant1: 4.23dBi;   Ant2: 4.23dBi;

Note2: EIRP Ant 1=Conducted Power 1+Ant Gain / EIRP Ant 2=Conducted Power 2+Ant Gain / Sum=EIRP Ant 1+EIRP Ant 2

1.1.24 30k_MIMO_40MHz_NTNV_PSD

5G NR n48 SCS=30kHz MIMO 40MHz NTNV									
Modulation	Frequency (MHz)	RB Allocation	Conducted PSD(dBm/MHz)			E.I.R.PSD(dBm/MHz)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3570	Edge_1RB_Left	11.43	12.30	14.64	15.66	16.53	19.13	<=20	Pass
		Edge_1RB_Right	12.13	10.51	14.40	16.36	14.74	18.64	<=20	Pass

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		Outer_Full	2.29	2.21	4.81	6.52	6.44	9.49	<=20	Pass
		Inner_Full	0.41	1.90	3.50	4.64	6.13	8.46	<=20	Pass
		Inner_1RB_Left	11.60	12.06	14.83	15.83	16.29	19.08	<=20	Pass
		Inner_1RB_Right	10.61	11.54	13.74	14.84	15.77	18.34	<=20	Pass
	3624.99	Edge_1RB_Left	10.34	9.45	12.44	14.57	13.68	17.16	<=20	Pass
		Edge_1RB_Right	10.92	10.56	13.59	15.15	14.79	17.98	<=20	Pass
		Outer_Full	2.19	2.66	4.96	6.42	6.89	9.67	<=20	Pass
		Inner_Full	0.01	0.51	2.85	4.24	4.74	7.51	<=20	Pass
		Inner_1RB_Left	8.77	11.75	13.35	13.00	15.98	17.75	<=20	Pass
		Inner_1RB_Right	11.09	9.40	13.34	15.32	13.63	17.57	<=20	Pass
	3679.98	Edge_1RB_Left	12.09	11.42	14.41	16.32	15.65	19.01	<=20	Pass
		Edge_1RB_Right	11.55	9.74	13.75	15.78	13.97	17.98	<=20	Pass
		Outer_Full	-0.12	0.21	2.59	4.11	4.44	7.29	<=20	Pass
		Inner_Full	-1.15	-0.75	1.60	3.08	3.48	6.29	<=20	Pass
		Inner_1RB_Left	10.83	10.00	13.45	15.06	14.23	17.68	<=20	Pass
		Inner_1RB_Right	9.02	10.42	12.58	13.25	14.65	17.02	<=20	Pass
CP-OFDM 16 QAM	3570	Edge_1RB_Left	10.57	11.97	13.87	14.80	16.20	18.57	<=20	Pass
		Edge_1RB_Right	10.94	11.85	14.43	15.17	16.08	18.66	<=20	Pass
		Outer_Full	3.29	3.75	6.11	7.52	7.98	10.77	<=20	Pass
		Inner_Full	1.31	1.30	4.00	5.54	5.53	8.55	<=20	Pass
		Inner_1RB_Left	11.96	10.95	14.39	16.19	15.18	18.72	<=20	Pass
		Inner_1RB_Right	13.04	8.36	14.10	17.27	12.59	18.54	<=20	Pass
	3624.99	Edge_1RB_Left	10.41	10.20	12.96	14.64	14.43	17.55	<=20	Pass
		Edge_1RB_Right	10.73	11.08	13.83	14.96	15.31	18.15	<=20	Pass
		Outer_Full	1.91	1.74	3.93	6.14	5.97	9.07	<=20	Pass
		Inner_Full	2.87	-0.31	2.87	7.10	3.92	8.81	<=20	Pass
		Inner_1RB_Left	10.53	9.38	12.94	14.76	13.61	17.23	<=20	Pass
		Inner_1RB_Right	10.95	10.99	13.84	15.18	15.22	18.21	<=20	Pass
	3679.98	Edge_1RB_Left	11.12	9.64	13.45	15.35	13.87	17.68	<=20	Pass
		Edge_1RB_Right	11.56	7.93	13.12	15.79	12.16	17.35	<=20	Pass
		Outer_Full	2.18	1.51	4.36	6.41	5.74	9.10	<=20	Pass
		Inner_Full	-0.71	-0.36	2.19	3.52	3.87	6.71	<=20	Pass
		Inner_1RB_Left	11.15	9.43	13.39	15.38	13.66	17.61	<=20	Pass
		Inner_1RB_Right	11.52	9.35	13.58	15.75	13.58	17.81	<=20	Pass
CP-OFDM 64 QAM	3570	Edge_1RB_Left	11.50	11.61	14.36	15.73	15.84	18.80	<=20	Pass
		Edge_1RB_Right	12.70	11.89	14.78	16.93	16.12	19.55	<=20	Pass
		Outer_Full	3.42	3.48	6.02	7.65	7.71	10.69	<=20	Pass
		Inner_Full	0.78	1.72	3.73	5.01	5.95	8.52	<=20	Pass

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		Inner_1RB_Left	12.85	10.95	14.95	17.08	15.18	19.24	<=20	Pass
		Inner_1RB_Right	8.30	13.09	14.25	12.53	17.32	18.56	<=20	Pass
	3624.99	Edge_1RB_Left	11.58	10.82	13.09	15.81	15.05	18.46	<=20	Pass
		Edge_1RB_Right	9.58	9.32	12.34	13.81	13.55	16.69	<=20	Pass
		Outer_Full	1.77	2.78	4.83	6.00	7.01	9.54	<=20	Pass
		Inner_Full	-0.05	0.31	2.74	4.18	4.54	7.37	<=20	Pass
		Inner_1RB_Left	11.07	10.49	13.35	15.30	14.72	18.03	<=20	Pass
		Inner_1RB_Right	11.61	11.27	14.37	15.84	15.50	18.68	<=20	Pass
	3679.98	Edge_1RB_Left	10.15	11.53	13.91	14.38	15.76	18.13	<=20	Pass
		Edge_1RB_Right	10.12	10.99	13.23	14.35	15.22	17.82	<=20	Pass
		Outer_Full	1.31	2.09	4.16	5.54	6.32	8.96	<=20	Pass
		Inner_Full	-0.45	-1.12	1.89	3.78	3.11	6.47	<=20	Pass
		Inner_1RB_Left	8.52	9.85	12.05	12.75	14.08	16.48	<=20	Pass
		Inner_1RB_Right	12.58	8.02	13.57	16.81	12.25	18.11	<=20	Pass
CP-OFDM 256 QAM	3570	Edge_1RB_Left	11.49	7.38	12.89	15.72	11.61	17.14	<=20	Pass
		Edge_1RB_Right	10.89	11.66	14.30	15.12	15.89	18.53	<=20	Pass
		Outer_Full	2.58	2.66	5.01	6.81	6.89	9.86	<=20	Pass
		Inner_Full	0.33	0.80	3.18	4.56	5.03	7.81	<=20	Pass
		Inner_1RB_Left	10.91	10.45	13.54	15.14	14.68	17.93	<=20	Pass
		Inner_1RB_Right	11.08	11.58	14.24	15.31	15.81	18.58	<=20	Pass
	3624.99	Edge_1RB_Left	12.48	8.64	13.94	16.71	12.87	18.21	<=20	Pass
		Edge_1RB_Right	10.38	10.11	13.17	14.61	14.34	17.49	<=20	Pass
		Outer_Full	3.18	2.27	5.30	7.41	6.50	9.99	<=20	Pass
		Inner_Full	1.13	-0.94	3.02	5.36	3.29	7.46	<=20	Pass
		Inner_1RB_Left	10.78	11.16	13.95	15.01	15.39	18.21	<=20	Pass
		Inner_1RB_Right	9.42	9.85	12.48	13.65	14.08	16.88	<=20	Pass
	3679.98	Edge_1RB_Left	11.78	11.70	14.71	16.01	15.93	18.98	<=20	Pass
		Edge_1RB_Right	10.49	10.70	13.44	14.72	14.93	17.84	<=20	Pass
		Outer_Full	1.82	1.56	4.26	6.05	5.79	8.93	<=20	Pass
		Inner_Full	-0.15	-1.09	1.95	4.08	3.14	6.65	<=20	Pass
		Inner_1RB_Left	10.45	10.07	13.02	14.68	14.30	17.50	<=20	Pass
		Inner_1RB_Right	11.56	10.69	13.34	15.79	14.92	18.39	<=20	Pass

Note1: Antenna Gain: Ant1: 4.23dBi;   Ant2: 4.23dBi;

Note2: EIRP Ant 1=Conducted Power 1+Ant Gain / EIRP Ant 2=Conducted Power 2+Ant Gain / Sum=EIRP Ant 1+EIRP Ant 2

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2. Frequency Stability

2.1 Test Result

2.1.1 30k_SISO_10MHz

Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	20	LV	-7.60	-0.0021	>=-2.5 & <=2.5	Pass
			20	HV	-3.80	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-13.30	-0.0037	>=-2.5 & <=2.5	Pass
			10	NV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
			20	NV	5.00	0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-5.90	-0.0016	>=-2.5 & <=2.5	Pass
			40	NV	-7.70	-0.0021	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	4.30	0.0012	>=-2.5 & <=2.5	Pass
			20	HV	1.50	0.0004	>=-2.5 & <=2.5	Pass
			0	NV	-12.70	-0.0035	>=-2.5 & <=2.5	Pass
			10	NV	9.20	0.0025	>=-2.5 & <=2.5	Pass
			20	NV	-8.50	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	-15.00	-0.0041	>=-2.5 & <=2.5	Pass
			40	NV	10.40	0.0029	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-11.10	-0.0031	>=-2.5 & <=2.5	Pass
			20	HV	12.50	0.0034	>=-2.5 & <=2.5	Pass
			0	NV	16.80	0.0046	>=-2.5 & <=2.5	Pass
			10	NV	-26.20	-0.0072	>=-2.5 & <=2.5	Pass
			20	NV	-18.60	-0.0051	>=-2.5 & <=2.5	Pass
			30	NV	-10.20	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-13.80	-0.0038	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-8.80	-0.0024	>=-2.5 & <=2.5	Pass
			20	HV	11.80	0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-5.00	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	-18.60	-0.0051	>=-2.5 & <=2.5	Pass
			20	NV	13.60	0.0038	>=-2.5 & <=2.5	Pass
			30	NV	-8.10	-0.0022	>=-2.5 & <=2.5	Pass
			40	NV	7.50	0.0021	>=-2.5 & <=2.5	Pass

The table title spanning the top: **5G NR n48 SCS=30kHz SISO 10MHz**

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DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-12.80	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-10.50	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-5.50	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-6.30	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	11.00	0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
			40	NV	4.50	0.0012	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	1.10	0.0003	>=-2.5 & <=2.5	Pass
				HV	7.50	0.0021	>=-2.5 & <=2.5	Pass
			0	NV	12.20	0.0034	>=-2.5 & <=2.5	Pass
			10	NV	-11.40	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-2.70	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	12.80	0.0035	>=-2.5 & <=2.5	Pass
			40	NV	8.80	0.0024	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	2.90	0.0008	>=-2.5 & <=2.5	Pass
				HV	-4.40	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-8.80	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	-6.30	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	18.40	0.0051	>=-2.5 & <=2.5	Pass
			30	NV	10.70	0.0030	>=-2.5 & <=2.5	Pass
			40	NV	-10.80	-0.0030	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	4.80	0.0013	>=-2.5 & <=2.5	Pass
				HV	-6.00	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-17.20	-0.0047	>=-2.5 & <=2.5	Pass
			10	NV	-3.90	-0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-8.00	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-3.90	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	7.50	0.0021	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-9.80	-0.0027	>=-2.5 & <=2.5	Pass
				HV	-20.90	-0.0058	>=-2.5 & <=2.5	Pass
			0	NV	3.50	0.0010	>=-2.5 & <=2.5	Pass
			10	NV	2.40	0.0007	>=-2.5 & <=2.5	Pass
			20	NV	-1.40	-0.0004	>=-2.5 & <=2.5	Pass
			30	NV	8.80	0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-10.30	-0.0028	>=-2.5 & <=2.5	Pass

2.1.2 30k_SISO_20MHz

5G NR n48 SCS=30kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	20	LV	-2.80	-0.0008	>=-2.5 & <=2.5	Pass
				HV	-22.40	-0.0062	>=-2.5 & <=2.5	Pass
			0	NV	-5.10	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	-13.90	-0.0038	>=-2.5 & <=2.5	Pass
			20	NV	-14.00	-0.0039	>=-2.5 & <=2.5	Pass
			30	NV	-4.80	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-3.80	-0.0010	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	-10.90	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-12.00	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-13.30	-0.0037	>=-2.5 & <=2.5	Pass
			20	NV	-9.50	-0.0026	>=-2.5 & <=2.5	Pass
			30	NV	-6.00	-0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-12.50	-0.0034	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-11.70	-0.0032	>=-2.5 & <=2.5	Pass
				HV.	-24.10	-0.0066	>=-2.5 & <=2.5	Pass
			0	NV	-16.30	-0.0045	>=-2.5 & <=2.5	Pass
			10	NV	-15.20	-0.0042	>=-2.5 & <=2.5	Pass
			20	NV	-14.00	-0.0039	>=-2.5 & <=2.5	Pass
			30	NV	7.10	0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-14.30	-0.0039	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-4.00	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-21.70	-0.0060	>=-2.5 & <=2.5	Pass
			0	NV	-11.60	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-9.50	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-9.30	-0.0026	>=-2.5 & <=2.5	Pass
			30	NV	8.20	0.0023	>=-2.5 & <=2.5	Pass
			40	NV	-8.30	-0.0023	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-5.40	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-11.70	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	6.50	0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-17.10	-0.0047	>=-2.5 & <=2.5	Pass
			30	NV	-12.90	-0.0036	>=-2.5 & <=2.5	Pass
			40	NV	-12.70	-0.0035	>=-2.5 & <=2.5	Pass

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Modulation	Frequency	RB Allocation	Temp.	Volt.	Freq. Error	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	-7.00	-0.0019	>=-2.5 & <=2.5	Pass
				HV	-11.30	-0.0031	>=-2.5 & <=2.5	Pass
			0	NV	-16.60	-0.0046	>=-2.5 & <=2.5	Pass
			10	NV	-12.70	-0.0035	>=-2.5 & <=2.5	Pass
			20	NV	-10.20	-0.0028	>=-2.5 & <=2.5	Pass
			30	NV	5.20	0.0014	>=-2.5 & <=2.5	Pass
			40	NV	-11.00	-0.0030	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	2.90	0.0008	>=-2.5 & <=2.5	Pass
				HV	-11.30	-0.0031	>=-2.5 & <=2.5	Pass
			0	NV	-13.20	-0.0036	>=-2.5 & <=2.5	Pass
			10	NV	-12.60	-0.0035	>=-2.5 & <=2.5	Pass
			20	NV	-14.60	-0.0040	>=-2.5 & <=2.5	Pass
			30	NV	-20.10	-0.0055	>=-2.5 & <=2.5	Pass
			40	NV	-14.70	-0.0041	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-7.00	-0.0019	>=-2.5 & <=2.5	Pass
				HV	-11.60	-0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-6.90	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-5.90	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	7.10	0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-14.60	-0.0040	>=-2.5 & <=2.5	Pass
			40	NV	-14.90	-0.0041	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-16.30	-0.0045	>=-2.5 & <=2.5	Pass
				HV	-14.10	-0.0039	>=-2.5 & <=2.5	Pass
			0	NV	-6.70	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-3.70	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	3.70	0.0010	>=-2.5 & <=2.5	Pass
			30	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			40	NV	-22.00	-0.0061	>=-2.5 & <=2.5	Pass

2.1.3 30k_SISO_30MHz

5G NR n48 SCS=30kHz SISO 30MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	20	LV	-8.70	-0.0024	>=-2.5 & <=2.5	Pass
				HV	-6.50	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-16.60	-0.0046	>=-2.5 & <=2.5	Pass
			10	NV	5.50	0.0015	>=-2.5 & <=2.5	Pass

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			20	NV	-6.80	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-4.60	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	5.90	0.0016	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	-8.50	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-3.40	-0.0009	>=-2.5 & <=2.5	Pass
			0	NV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-10.70	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	-17.50	-0.0048	>=-2.5 & <=2.5	Pass
			30	NV	-10.00	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-13.40	-0.0037	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-17.00	-0.0047	>=-2.5 & <=2.5	Pass
				HV	-18.00	-0.0050	>=-2.5 & <=2.5	Pass
			0	NV	-10.00	-0.0028	>=-2.5 & <=2.5	Pass
			10	NV	-11.10	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-11.30	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-14.60	-0.0040	>=-2.5 & <=2.5	Pass
			40	NV	-11.50	-0.0032	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	5.40	0.0015	>=-2.5 & <=2.5	Pass
				HV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-19.60	-0.0054	>=-2.5 & <=2.5	Pass
			10	NV	-6.90	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-9.10	-0.0025	>=-2.5 & <=2.5	Pass
			30	NV	-5.40	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-4.40	-0.0012	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-16.30	-0.0045	>=-2.5 & <=2.5	Pass
				HV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-6.10	-0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-8.30	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	2.10	0.0006	>=-2.5 & <=2.5	Pass
			30	NV	-12.30	-0.0034	>=-2.5 & <=2.5	Pass
			40	NV	-19.40	-0.0054	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	6.70	0.0018	>=-2.5 & <=2.5	Pass
				HV	-1.80	-0.0005	>=-2.5 & <=2.5	Pass
			0	NV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	7.50	0.0021	>=-2.5 & <=2.5	Pass
			20	NV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-18.50	-0.0051	>=-2.5 & <=2.5	Pass

Modulation	Frequency	RB Allocation	Temp.	Volt.	Freq. Error	Result	Limit	Verdict
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-19.50	-0.0054	>=-2.5 & <=2.5	Pass
				HV	3.90	0.0011	>=-2.5 & <=2.5	Pass
			0	NV	-7.70	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-8.60	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-9.40	-0.0026	>=-2.5 & <=2.5	Pass
			40	NV	6.90	0.0019	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-20.10	-0.0055	>=-2.5 & <=2.5	Pass
			0	NV	-16.20	-0.0045	>=-2.5 & <=2.5	Pass
			10	NV	-4.00	-0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-12.80	-0.0035	>=-2.5 & <=2.5	Pass
			30	NV	-13.80	-0.0038	>=-2.5 & <=2.5	Pass
			40	NV	-3.00	-0.0008	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-0.40	-0.0001	>=-2.5 & <=2.5	Pass
				HV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-1.40	-0.0004	>=-2.5 & <=2.5	Pass
			10	NV	-3.40	-0.0009	>=-2.5 & <=2.5	Pass
			20	NV	-5.90	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	4.70	0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-9.50	-0.0026	>=-2.5 & <=2.5	Pass

2.1.4 30k_SISO_40MHz

5G NR n48 SCS=30kHz SISO 40MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	20	LV	2.40	0.0007	>=-2.5 & <=2.5	Pass
				HV	-18.40	-0.0051	>=-2.5 & <=2.5	Pass
			0	NV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-11.50	-0.0032	>=-2.5 & <=2.5	Pass
			20	NV	-6.00	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-9.60	-0.0026	>=-2.5 & <=2.5	Pass
			40	NV	-5.20	-0.0014	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	-10.70	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-6.00	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	6.50	0.0018	>=-2.5 & <=2.5	Pass
			10	NV	7.70	0.0021	>=-2.5 & <=2.5	Pass

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			20	NV	-6.70	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-8.80	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	8.40	0.0023	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
				HV	-6.20	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-3.00	-0.0008	>=-2.5 & <=2.5	Pass
			20	NV	-9.90	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-3.80	-0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-4.40	-0.0012	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-16.70	-0.0046	>=-2.5 & <=2.5	Pass
				HV	-22.20	-0.0061	>=-2.5 & <=2.5	Pass
			0	NV	-7.90	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
			20	NV	-5.60	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-8.30	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	4.20	0.0012	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-9.60	-0.0026	>=-2.5 & <=2.5	Pass
				HV	-7.60	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-15.50	-0.0043	>=-2.5 & <=2.5	Pass
			10	NV	-16.60	-0.0046	>=-2.5 & <=2.5	Pass
			20	NV	-15.10	-0.0042	>=-2.5 & <=2.5	Pass
			30	NV	5.00	0.0014	>=-2.5 & <=2.5	Pass
			40	NV	-5.40	-0.0015	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3624.99	Outer_Full	20	LV	-1.10	-0.0003	>=-2.5 & <=2.5	Pass
				HV	2.70	0.0007	>=-2.5 & <=2.5	Pass
			0	NV	-9.80	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-4.50	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-4.30	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	7.40	0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	20	LV	-10.00	-0.0028	>=-2.5 & <=2.5	Pass
				HV	-9.20	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	7.40	0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-14.40	-0.0040	>=-2.5 & <=2.5	Pass
			20	NV	2.00	0.0006	>=-2.5 & <=2.5	Pass
			30	NV	-1.10	-0.0003	>=-2.5 & <=2.5	Pass
			40	NV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass

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CP-OFDM 64 QAM	3624.99	Outer_Full	20	LV	-5.90	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-18.70	-0.0052	>=-2.5 & <=2.5	Pass
			0	NV	-9.10	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-9.40	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-1.10	-0.0003	>=-2.5 & <=2.5	Pass
			30	NV	-7.70	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	3.60	0.0010	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	20	LV	-3.10	-0.0009	>=-2.5 & <=2.5	Pass
				HV	3.30	0.0009	>=-2.5 & <=2.5	Pass
			0	NV	7.00	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-0.90	-0.0002	>=-2.5 & <=2.5	Pass
			20	NV	-8.80	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-9.60	-0.0026	>=-2.5 & <=2.5	Pass

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3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30k_SISO_10MHz_NTNV

Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
	5G NR n48 SCS=30kHz SISO 10MHz NTNV					
DFT-s-OFDM PI/2 BPSK	3555	Outer_Full	8.75	10.30	/	Pass
	3624.99	Outer_Full	8.67	9.99	/	Pass
	3694.98	Outer_Full	8.63	9.87	/	Pass
DFT-s-OFDM QPSK	3555	Outer_Full	8.78	10.36	/	Pass
	3624.99	Outer_Full	8.51	9.11	/	Pass
	3694.98	Outer_Full	8.67	10.22	/	Pass
DFT-s-OFDM 16 QAM	3555	Outer_Full	8.77	10.15	/	Pass
	3624.99	Outer_Full	8.68	9.92	/	Pass
	3694.98	Outer_Full	8.67	9.89	/	Pass
DFT-s-OFDM 64 QAM	3555	Outer_Full	8.76	10.28	/	Pass
	3624.99	Outer_Full	8.65	10.04	/	Pass
	3694.98	Outer_Full	8.65	10.26	/	Pass
DFT-s-OFDM 256 QAM	3555	Outer_Full	8.75	10.44	/	Pass
	3624.99	Outer_Full	8.60	9.92	/	Pass
	3694.98	Outer_Full	8.71	9.92	/	Pass
CP-OFDM QPSK	3555	Outer_Full	8.76	10.23	/	Pass
	3624.99	Outer_Full	8.72	10.45	/	Pass
	3694.98	Outer_Full	8.75	9.99	/	Pass
CP-OFDM 16 QAM	3555	Outer_Full	8.76	10.36	/	Pass
	3624.99	Outer_Full	8.67	9.89	/	Pass
	3694.98	Outer_Full	8.61	9.87	/	Pass
CP-OFDM 64 QAM	3555	Outer_Full	8.75	10.43	/	Pass
	3624.99	Outer_Full	8.71	9.67	/	Pass
	3694.98	Outer_Full	8.71	9.92	/	Pass
CP-OFDM 256 QAM	3555	Outer_Full	8.74	10.45	/	Pass
	3624.99	Outer_Full	8.67	10.02	/	Pass
	3694.98	Outer_Full	8.72	10.06	/	Pass

3.1.2 30k_SISO_20MHz_NTNV

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5G NR n48 SCS=30kHz SISO 20MHz NTNV					
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3560.01	Outer_Full	18.11	19.97	/	Pass
	3624.99	Outer_Full	18.17	19.90	/	Pass
	3690	Outer_Full	18.05	19.25	/	Pass
DFT-s-OFDM QPSK	3560.01	Outer_Full	18.09	20.04	/	Pass
	3624.99	Outer_Full	18.12	19.89	/	Pass
	3690	Outer_Full	18.17	19.73	/	Pass
DFT-s-OFDM 16 QAM	3560.01	Outer_Full	18.12	19.94	/	Pass
	3624.99	Outer_Full	18.06	19.61	/	Pass
	3690	Outer_Full	18.16	19.76	/	Pass
DFT-s-OFDM 64 QAM	3560.01	Outer_Full	18.10	20.10	/	Pass
	3624.99	Outer_Full	18.13	19.50	/	Pass
	3690	Outer_Full	18.01	19.74	/	Pass
DFT-s-OFDM 256 QAM	3560.01	Outer_Full	18.14	19.90	/	Pass
	3624.99	Outer_Full	18.05	20.12	/	Pass
	3690	Outer_Full	18.12	19.32	/	Pass
CP-OFDM QPSK	3560.01	Outer_Full	18.38	20.48	/	Pass
	3624.99	Outer_Full	18.41	19.93	/	Pass
	3690	Outer_Full	18.40	19.86	/	Pass
CP-OFDM 16 QAM	3560.01	Outer_Full	18.42	20.67	/	Pass
	3624.99	Outer_Full	18.33	19.64	/	Pass
	3690	Outer_Full	18.34	19.70	/	Pass
CP-OFDM 64 QAM	3560.01	Outer_Full	18.44	20.36	/	Pass
	3624.99	Outer_Full	18.37	19.64	/	Pass
	3690	Outer_Full	18.44	20.26	/	Pass
CP-OFDM 256 QAM	3560.01	Outer_Full	18.42	20.62	/	Pass
	3624.99	Outer_Full	18.50	19.52	/	Pass
	3690	Outer_Full	18.39	19.82	/	Pass

3.1.3 30k_SISO_30MHz_NTNV

5G NR n48 SCS=30kHz SISO 30MHz NTNV					
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3565.02	Outer_Full	27.17	29.29	/	Pass
	3624.99	Outer_Full	27.10	29.07	/	Pass

	3684.99	Outer_Full	27.16	28.80	/	Pass
DFT-s-OFDM QPSK	3565.02	Outer_Full	27.05	29.38	/	Pass
	3624.99	Outer_Full	27.04	28.85	/	Pass
	3684.99	Outer_Full	27.31	29.15	/	Pass
DFT-s-OFDM 16 QAM	3565.02	Outer_Full	27.11	29.05	/	Pass
	3624.99	Outer_Full	27.11	29.38	/	Pass
	3684.99	Outer_Full	27.06	29.31	/	Pass
DFT-s-OFDM 64 QAM	3565.02	Outer_Full	27.10	28.96	/	Pass
	3624.99	Outer_Full	27.06	29.09	/	Pass
	3684.99	Outer_Full	27.07	28.81	/	Pass
DFT-s-OFDM 256 QAM	3565.02	Outer_Full	27.11	29.14	/	Pass
	3624.99	Outer_Full	27.25	28.77	/	Pass
	3684.99	Outer_Full	27.04	29.55	/	Pass
CP-OFDM QPSK	3565.02	Outer_Full	28.21	30.16	/	Pass
	3624.99	Outer_Full	28.09	30.09	/	Pass
	3684.99	Outer_Full	28.15	30.87	/	Pass
CP-OFDM 16 QAM	3565.02	Outer_Full	28.23	29.97	/	Pass
	3624.99	Outer_Full	28.06	29.90	/	Pass
	3684.99	Outer_Full	28.12	30.84	/	Pass
CP-OFDM 64 QAM	3565.02	Outer_Full	28.16	30.27	/	Pass
	3624.99	Outer_Full	28.06	29.98	/	Pass
	3684.99	Outer_Full	28.12	30.68	/	Pass
CP-OFDM 256 QAM	3565.02	Outer_Full	28.10	30.21	/	Pass
	3624.99	Outer_Full	28.05	29.93	/	Pass
	3684.99	Outer_Full	28.03	29.83	/	Pass

3.1.4 30k_SISO_40MHz_NTNV

5G NR n48 SCS=30kHz SISO 40MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3570	Outer_Full	36.10	38.76	/	Pass
	3624.99	Outer_Full	36.06	38.82	/	Pass
	3679.98	Outer_Full	35.93	38.43	/	Pass
DFT-s-OFDM QPSK	3570	Outer_Full	36.06	38.56	/	Pass
	3624.99	Outer_Full	36.25	38.52	/	Pass
	3679.98	Outer_Full	36.02	38.54	/	Pass
DFT-s-OFDM 16 QAM	3570	Outer_Full	36.14	38.79	/	Pass

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	3624.99	Outer_Full	36.13	38.75	/	Pass
	3679.98	Outer_Full	36.20	38.42	/	Pass
DFT-s-OFDM 64 QAM	3570	Outer_Full	36.12	38.53	/	Pass
	3624.99	Outer_Full	36.16	38.55	/	Pass
	3679.98	Outer_Full	36.04	38.66	/	Pass
DFT-s-OFDM 256 QAM	3570	Outer_Full	36.29	38.40	/	Pass
	3624.99	Outer_Full	36.15	38.52	/	Pass
	3679.98	Outer_Full	36.02	38.53	/	Pass
CP-OFDM QPSK	3570	Outer_Full	38.23	40.80	/	Pass
	3624.99	Outer_Full	38.14	40.78	/	Pass
	3679.98	Outer_Full	38.03	40.73	/	Pass
CP-OFDM 16 QAM	3570	Outer_Full	38.36	40.77	/	Pass
	3624.99	Outer_Full	38.13	40.84	/	Pass
	3679.98	Outer_Full	38.03	40.63	/	Pass
CP-OFDM 64 QAM	3570	Outer_Full	38.22	40.69	/	Pass
	3624.99	Outer_Full	38.19	40.77	/	Pass
	3679.98	Outer_Full	38.12	40.84	/	Pass
CP-OFDM 256 QAM	3570	Outer_Full	38.15	40.62	/	Pass
	3624.99	Outer_Full	38.14	40.89	/	Pass
	3679.98	Outer_Full	37.94	40.71	/	Pass

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