

Appendix B NR Band n78a

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30_S_10M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3705	Edge_1RB_Left	25.64	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	25.70	/	/	19.90	/	/	<=30	Pass
		Outer_Full	26.21	/	/	20.41	/	/	<=30	Pass
		Inner_Full	26.19	/	/	20.39	/	/	<=30	Pass
		Inner_1RB_Left	26.37	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Right	26.32	/	/	20.52	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.66	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	25.58	/	/	19.78	/	/	<=30	Pass
		Outer_Full	26.14	/	/	20.34	/	/	<=30	Pass
		Inner_Full	26.06	/	/	20.26	/	/	<=30	Pass
		Inner_1RB_Left	26.26	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Right	26.20	/	/	20.40	/	/	<=30	Pass
	3795	Edge_1RB_Left	25.15	/	/	19.35	/	/	<=30	Pass
		Edge_1RB_Right	25.19	/	/	19.39	/	/	<=30	Pass
		Outer_Full	25.70	/	/	19.90	/	/	<=30	Pass
		Inner_Full	25.64	/	/	19.84	/	/	<=30	Pass
		Inner_1RB_Left	25.86	/	/	20.06	/	/	<=30	Pass
		Inner_1RB_Right	25.91	/	/	20.11	/	/	<=30	Pass
DFT-s-OFDM QPSK	3705	Edge_1RB_Left	25.63	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	25.70	/	/	19.90	/	/	<=30	Pass
		Outer_Full	26.17	/	/	20.37	/	/	<=30	Pass
		Inner_Full	26.12	/	/	20.32	/	/	<=30	Pass
		Inner_1RB_Left	26.21	/	/	20.42	/	/	<=30	Pass
		Inner_1RB_Right	26.29	/	/	20.49	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.57	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	25.61	/	/	19.81	/	/	<=30	Pass
		Outer_Full	26.11	/	/	20.31	/	/	<=30	Pass
		Inner_Full	26.03	/	/	20.23	/	/	<=30	Pass
		Inner_1RB_Left	26.15	/	/	20.35	/	/	<=30	Pass
		Inner_1RB_Right	26.22	/	/	20.42	/	/	<=30	Pass
	3795	Edge_1RB_Left	25.28	/	/	19.48	/	/	<=30	Pass
		Edge_1RB_Right	25.33	/	/	19.53	/	/	<=30	Pass
		Outer_Full	25.74	/	/	19.94	/	/	<=30	Pass
		Inner_Full	25.74	/	/	19.94	/	/	<=30	Pass
		Inner_1RB_Left	25.84	/	/	20.04	/	/	<=30	Pass
		Inner_1RB_Right	25.91	/	/	20.11	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3705	Edge_1RB_Left	25.75	/	/	19.95	/	/	<=30	Pass
		Edge_1RB_Right	25.70	/	/	19.90	/	/	<=30	Pass
		Outer_Full	26.09	/	/	20.29	/	/	<=30	Pass
		Inner_Full	26.03	/	/	20.23	/	/	<=30	Pass
		Inner_1RB_Left	26.18	/	/	20.38	/	/	<=30	Pass
		Inner_1RB_Right	26.26	/	/	20.46	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.67	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	25.63	/	/	19.83	/	/	<=30	Pass
		Outer_Full	25.98	/	/	20.18	/	/	<=30	Pass
		Inner_Full	25.95	/	/	20.15	/	/	<=30	Pass

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		Inner_1RB_Left	26.14	/	/	20.34	/	/	<=30	Pass
		Inner_1RB_Right	26.29	/	/	20.49	/	/	<=30	Pass
	3795	Edge_1RB_Left	25.32	/	/	19.52	/	/	<=30	Pass
		Edge_1RB_Right	25.39	/	/	19.59	/	/	<=30	Pass
		Outer_Full	25.55	/	/	19.76	/	/	<=30	Pass
		Inner_Full	25.69	/	/	19.89	/	/	<=30	Pass
		Inner_1RB_Left	25.99	/	/	20.19	/	/	<=30	Pass
		Inner_1RB_Right	25.95	/	/	20.15	/	/	<=30	Pass
		Edge_1RB_Left	25.60	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	25.64	/	/	19.84	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3705	Outer_Full	26.17	/	/	20.37	/	/	<=30	Pass
		Inner_Full	26.09	/	/	20.29	/	/	<=30	Pass
		Inner_1RB_Left	26.38	/	/	20.58	/	/	<=30	Pass
		Inner_1RB_Right	26.33	/	/	20.53	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.60	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	25.55	/	/	19.75	/	/	<=30	Pass
		Outer_Full	26.01	/	/	20.21	/	/	<=30	Pass
		Inner_Full	25.99	/	/	20.19	/	/	<=30	Pass
		Inner_1RB_Left	26.12	/	/	20.32	/	/	<=30	Pass
		Inner_1RB_Right	26.06	/	/	20.26	/	/	<=30	Pass
	3795	Edge_1RB_Left	25.13	/	/	19.33	/	/	<=30	Pass
		Edge_1RB_Right	25.17	/	/	19.37	/	/	<=30	Pass
		Outer_Full	25.75	/	/	19.95	/	/	<=30	Pass
		Inner_Full	25.63	/	/	19.83	/	/	<=30	Pass
		Inner_1RB_Left	25.75	/	/	19.95	/	/	<=30	Pass
		Inner_1RB_Right	25.70	/	/	19.90	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3705	Edge_1RB_Left	24.48	/	/	18.68	/	/	<=30	Pass
		Edge_1RB_Right	24.42	/	/	18.62	/	/	<=30	Pass
		Outer_Full	24.68	/	/	18.88	/	/	<=30	Pass
		Inner_Full	24.64	/	/	18.84	/	/	<=30	Pass
		Inner_1RB_Left	24.50	/	/	18.70	/	/	<=30	Pass
		Inner_1RB_Right	24.55	/	/	18.75	/	/	<=30	Pass
	3750	Edge_1RB_Left	24.46	/	/	18.66	/	/	<=30	Pass
		Edge_1RB_Right	24.38	/	/	18.58	/	/	<=30	Pass
		Outer_Full	24.64	/	/	18.84	/	/	<=30	Pass
		Inner_Full	24.53	/	/	18.73	/	/	<=30	Pass
		Inner_1RB_Left	24.49	/	/	18.69	/	/	<=30	Pass
		Inner_1RB_Right	24.51	/	/	18.71	/	/	<=30	Pass
	3795	Edge_1RB_Left	24.05	/	/	18.25	/	/	<=30	Pass
		Edge_1RB_Right	23.97	/	/	18.17	/	/	<=30	Pass
		Outer_Full	24.31	/	/	18.51	/	/	<=30	Pass
		Inner_Full	24.27	/	/	18.47	/	/	<=30	Pass
		Inner_1RB_Left	24.04	/	/	18.24	/	/	<=30	Pass
		Inner_1RB_Right	24.17	/	/	18.37	/	/	<=30	Pass
CP-OFDM QPSK	3705	Edge_1RB_Left	25.69	/	/	19.89	/	/	<=30	Pass
		Edge_1RB_Right	25.76	/	/	19.96	/	/	<=30	Pass
		Outer_Full	26.21	/	/	20.41	/	/	<=30	Pass
		Inner_Full	26.11	/	/	20.31	/	/	<=30	Pass
		Inner_1RB_Left	26.43	/	/	20.63	/	/	<=30	Pass
		Inner_1RB_Right	26.51	/	/	20.71	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.70	/	/	19.90	/	/	<=30	Pass
		Edge_1RB_Right	25.65	/	/	19.85	/	/	<=30	Pass
		Outer_Full	26.01	/	/	20.21	/	/	<=30	Pass
		Inner_Full	25.95	/	/	20.15	/	/	<=30	Pass
		Inner_1RB_Left	26.24	/	/	20.44	/	/	<=30	Pass
		Inner_1RB_Right	26.27	/	/	20.47	/	/	<=30	Pass
	3795	Edge_1RB_Left	25.33	/	/	19.53	/	/	<=30	Pass
		Edge_1RB_Right	25.31	/	/	19.51	/	/	<=30	Pass
		Outer_Full	25.70	/	/	19.90	/	/	<=30	Pass
		Inner_Full	25.65	/	/	19.85	/	/	<=30	Pass
		Inner_1RB_Left	25.87	/	/	20.07	/	/	<=30	Pass
		Inner_1RB_Right	25.99	/	/	20.19	/	/	<=30	Pass



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CP-OFDM 16 QAM	3705	Edge_1RB_Left	25.80	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Right	25.88	/	/	20.08	/	/	<=30	Pass
		Outer_Full	26.05	/	/	20.26	/	/	<=30	Pass
		Inner_Full	26.15	/	/	20.35	/	/	<=30	Pass
		Inner_1RB_Left	26.20	/	/	20.40	/	/	<=30	Pass
		Inner_1RB_Right	26.30	/	/	20.50	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.70	/	/	19.90	/	/	<=30	Pass
		Edge_1RB_Right	25.66	/	/	19.86	/	/	<=30	Pass
		Outer_Full	26.02	/	/	20.22	/	/	<=30	Pass
		Inner_Full	25.98	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Left	26.34	/	/	20.54	/	/	<=30	Pass
		Inner_1RB_Right	26.35	/	/	20.55	/	/	<=30	Pass
	3795	Edge_1RB_Left	25.35	/	/	19.55	/	/	<=30	Pass
		Edge_1RB_Right	25.30	/	/	19.51	/	/	<=30	Pass
		Outer_Full	25.56	/	/	19.76	/	/	<=30	Pass
		Inner_Full	25.56	/	/	19.76	/	/	<=30	Pass
		Inner_1RB_Left	25.90	/	/	20.10	/	/	<=30	Pass
		Inner_1RB_Right	25.99	/	/	20.19	/	/	<=30	Pass
CP-OFDM 64 QAM	3705	Edge_1RB_Left	25.74	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	25.71	/	/	19.91	/	/	<=30	Pass
		Outer_Full	25.64	/	/	19.84	/	/	<=30	Pass
		Inner_Full	25.70	/	/	19.90	/	/	<=30	Pass
		Inner_1RB_Left	25.77	/	/	19.97	/	/	<=30	Pass
		Inner_1RB_Right	25.75	/	/	19.95	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.78	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	25.76	/	/	19.96	/	/	<=30	Pass
		Outer_Full	25.68	/	/	19.88	/	/	<=30	Pass
		Inner_Full	25.48	/	/	19.68	/	/	<=30	Pass
		Inner_1RB_Left	25.83	/	/	20.03	/	/	<=30	Pass
		Inner_1RB_Right	25.90	/	/	20.10	/	/	<=30	Pass
	3795	Edge_1RB_Left	25.42	/	/	19.62	/	/	<=30	Pass
		Edge_1RB_Right	25.47	/	/	19.67	/	/	<=30	Pass
		Outer_Full	25.20	/	/	19.40	/	/	<=30	Pass
		Inner_Full	25.23	/	/	19.43	/	/	<=30	Pass
		Inner_1RB_Left	25.47	/	/	19.67	/	/	<=30	Pass
		Inner_1RB_Right	25.53	/	/	19.73	/	/	<=30	Pass
CP-OFDM 256 QAM	3705	Edge_1RB_Left	22.47	/	/	16.67	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	16.73	/	/	<=30	Pass
		Outer_Full	22.86	/	/	17.06	/	/	<=30	Pass
		Inner_Full	22.57	/	/	16.77	/	/	<=30	Pass
		Inner_1RB_Left	22.51	/	/	16.71	/	/	<=30	Pass
		Inner_1RB_Right	22.60	/	/	16.80	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.34	/	/	16.54	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	16.52	/	/	<=30	Pass
		Outer_Full	22.66	/	/	16.86	/	/	<=30	Pass
		Inner_Full	22.50	/	/	16.70	/	/	<=30	Pass
		Inner_1RB_Left	22.38	/	/	16.58	/	/	<=30	Pass
		Inner_1RB_Right	22.49	/	/	16.69	/	/	<=30	Pass
	3795	Edge_1RB_Left	21.96	/	/	16.16	/	/	<=30	Pass
		Edge_1RB_Right	22.07	/	/	16.27	/	/	<=30	Pass
		Outer_Full	22.20	/	/	16.40	/	/	<=30	Pass
		Inner_Full	22.10	/	/	16.30	/	/	<=30	Pass
		Inner_1RB_Left	22.01	/	/	16.21	/	/	<=30	Pass
		Inner_1RB_Right	22.02	/	/	16.22	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.2 30_S_20M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	

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DFT-s-OFDM PI/2 BPSK	3710.01	Edge_1RB_Left	25.56	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	25.50	/	/	19.70	/	/	<=30	Pass
		Outer_Full	26.25	/	/	20.45	/	/	<=30	Pass
		Inner_Full	26.37	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Left	26.17	/	/	20.37	/	/	<=30	Pass
		Inner_1RB_Right	26.11	/	/	20.31	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.46	/	/	19.66	/	/	<=30	Pass
		Edge_1RB_Right	25.29	/	/	19.49	/	/	<=30	Pass
		Outer_Full	26.09	/	/	20.29	/	/	<=30	Pass
		Inner_Full	26.17	/	/	20.37	/	/	<=30	Pass
		Inner_1RB_Left	26.06	/	/	20.26	/	/	<=30	Pass
		Inner_1RB_Right	25.87	/	/	20.07	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	25.16	/	/	19.36	/	/	<=30	Pass
		Edge_1RB_Right	24.94	/	/	19.14	/	/	<=30	Pass
		Outer_Full	25.75	/	/	19.95	/	/	<=30	Pass
		Inner_Full	25.89	/	/	20.09	/	/	<=30	Pass
		Inner_1RB_Left	25.73	/	/	19.93	/	/	<=30	Pass
		Inner_1RB_Right	25.62	/	/	19.82	/	/	<=30	Pass
DFT-s-OFDM QPSK	3710.01	Edge_1RB_Left	25.64	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	25.46	/	/	19.66	/	/	<=30	Pass
		Outer_Full	26.20	/	/	20.40	/	/	<=30	Pass
		Inner_Full	26.27	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Left	26.20	/	/	20.40	/	/	<=30	Pass
		Inner_1RB_Right	26.12	/	/	20.32	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.49	/	/	19.69	/	/	<=30	Pass
		Edge_1RB_Right	25.37	/	/	19.57	/	/	<=30	Pass
		Outer_Full	26.04	/	/	20.24	/	/	<=30	Pass
		Inner_Full	26.18	/	/	20.38	/	/	<=30	Pass
		Inner_1RB_Left	26.04	/	/	20.24	/	/	<=30	Pass
		Inner_1RB_Right	25.91	/	/	20.11	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	25.17	/	/	19.37	/	/	<=30	Pass
		Edge_1RB_Right	24.96	/	/	19.16	/	/	<=30	Pass
		Outer_Full	25.73	/	/	19.93	/	/	<=30	Pass
		Inner_Full	25.77	/	/	19.97	/	/	<=30	Pass
		Inner_1RB_Left	25.72	/	/	19.92	/	/	<=30	Pass
		Inner_1RB_Right	25.62	/	/	19.82	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Edge_1RB_Left	25.66	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	25.56	/	/	19.76	/	/	<=30	Pass
		Outer_Full	26.07	/	/	20.27	/	/	<=30	Pass
		Inner_Full	26.07	/	/	20.27	/	/	<=30	Pass
		Inner_1RB_Left	26.18	/	/	20.38	/	/	<=30	Pass
		Inner_1RB_Right	26.11	/	/	20.31	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.59	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	25.34	/	/	19.54	/	/	<=30	Pass
		Outer_Full	25.95	/	/	20.15	/	/	<=30	Pass
		Inner_Full	26.03	/	/	20.23	/	/	<=30	Pass
		Inner_1RB_Left	26.02	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Right	25.88	/	/	20.08	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	25.28	/	/	19.48	/	/	<=30	Pass
		Edge_1RB_Right	25.05	/	/	19.25	/	/	<=30	Pass
		Outer_Full	25.58	/	/	19.78	/	/	<=30	Pass
		Inner_Full	25.58	/	/	19.78	/	/	<=30	Pass
		Inner_1RB_Left	25.70	/	/	19.90	/	/	<=30	Pass
		Inner_1RB_Right	25.60	/	/	19.80	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3710.01	Edge_1RB_Left	25.51	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	25.49	/	/	19.69	/	/	<=30	Pass
		Outer_Full	26.13	/	/	20.33	/	/	<=30	Pass
		Inner_Full	26.17	/	/	20.37	/	/	<=30	Pass
		Inner_1RB_Left	26.09	/	/	20.29	/	/	<=30	Pass
		Inner_1RB_Right	25.97	/	/	20.17	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.53	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Right	25.35	/	/	19.55	/	/	<=30	Pass

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		Outer_Full	26.04	/	/	20.24	/	/	<=30	Pass
		Inner_Full	26.07	/	/	20.27	/	/	<=30	Pass
		Inner_1RB_Left	26.02	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Right	25.85	/	/	20.05	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	25.17	/	/	19.37	/	/	<=30	Pass
		Edge_1RB_Right	24.99	/	/	19.19	/	/	<=30	Pass
		Outer_Full	25.66	/	/	19.86	/	/	<=30	Pass
		Inner_Full	25.65	/	/	19.85	/	/	<=30	Pass
		Inner_1RB_Left	25.68	/	/	19.88	/	/	<=30	Pass
		Inner_1RB_Right	25.47	/	/	19.67	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3710.01	Edge_1RB_Left	24.27	/	/	18.47	/	/	<=30	Pass
		Edge_1RB_Right	24.26	/	/	18.46	/	/	<=30	Pass
		Outer_Full	24.60	/	/	18.80	/	/	<=30	Pass
		Inner_Full	24.63	/	/	18.83	/	/	<=30	Pass
		Inner_1RB_Left	24.37	/	/	18.57	/	/	<=30	Pass
		Inner_1RB_Right	24.27	/	/	18.47	/	/	<=30	Pass
	3750	Edge_1RB_Left	24.33	/	/	18.53	/	/	<=30	Pass
		Edge_1RB_Right	24.12	/	/	18.32	/	/	<=30	Pass
		Outer_Full	24.55	/	/	18.75	/	/	<=30	Pass
		Inner_Full	24.53	/	/	18.73	/	/	<=30	Pass
		Inner_1RB_Left	24.24	/	/	18.44	/	/	<=30	Pass
		Inner_1RB_Right	24.12	/	/	18.32	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	23.98	/	/	18.18	/	/	<=30	Pass
		Edge_1RB_Right	23.84	/	/	18.04	/	/	<=30	Pass
		Outer_Full	24.18	/	/	18.38	/	/	<=30	Pass
		Inner_Full	24.18	/	/	18.38	/	/	<=30	Pass
		Inner_1RB_Left	23.97	/	/	18.17	/	/	<=30	Pass
		Inner_1RB_Right	23.84	/	/	18.04	/	/	<=30	Pass
CP-OFDM QPSK	3710.01	Edge_1RB_Left	25.68	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	25.54	/	/	19.74	/	/	<=30	Pass
		Outer_Full	26.17	/	/	20.37	/	/	<=30	Pass
		Inner_Full	26.15	/	/	20.35	/	/	<=30	Pass
		Inner_1RB_Left	26.28	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Right	26.17	/	/	20.37	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.50	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Right	25.38	/	/	19.58	/	/	<=30	Pass
		Outer_Full	26.10	/	/	20.30	/	/	<=30	Pass
		Inner_Full	25.96	/	/	20.16	/	/	<=30	Pass
		Inner_1RB_Left	26.03	/	/	20.23	/	/	<=30	Pass
		Inner_1RB_Right	25.95	/	/	20.15	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	25.29	/	/	19.49	/	/	<=30	Pass
		Edge_1RB_Right	25.15	/	/	19.35	/	/	<=30	Pass
		Outer_Full	25.77	/	/	19.97	/	/	<=30	Pass
		Inner_Full	25.66	/	/	19.86	/	/	<=30	Pass
		Inner_1RB_Left	26.00	/	/	20.20	/	/	<=30	Pass
		Inner_1RB_Right	25.85	/	/	20.05	/	/	<=30	Pass
CP-OFDM 16 QAM	3710.01	Edge_1RB_Left	25.66	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	25.57	/	/	19.77	/	/	<=30	Pass
		Outer_Full	26.10	/	/	20.30	/	/	<=30	Pass
		Inner_Full	26.19	/	/	20.39	/	/	<=30	Pass
		Inner_1RB_Left	26.22	/	/	20.42	/	/	<=30	Pass
		Inner_1RB_Right	26.19	/	/	20.39	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.67	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	25.52	/	/	19.72	/	/	<=30	Pass
		Outer_Full	26.07	/	/	20.27	/	/	<=30	Pass
		Inner_Full	26.11	/	/	20.31	/	/	<=30	Pass
		Inner_1RB_Left	26.20	/	/	20.40	/	/	<=30	Pass
		Inner_1RB_Right	26.12	/	/	20.32	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	25.24	/	/	19.44	/	/	<=30	Pass
		Edge_1RB_Right	25.16	/	/	19.36	/	/	<=30	Pass
		Outer_Full	25.72	/	/	19.92	/	/	<=30	Pass
		Inner_Full	25.69	/	/	19.89	/	/	<=30	Pass

		Inner_1RB_Left	25.65	/	/	19.85	/	/	<=30	Pass
		Inner_1RB_Right	25.63	/	/	19.83	/	/	<=30	Pass
CP-OFDM 64 QAM	3710.01	Edge_1RB_Left	25.56	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	25.58	/	/	19.78	/	/	<=30	Pass
		Outer_Full	25.63	/	/	19.83	/	/	<=30	Pass
		Inner_Full	25.78	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Left	25.68	/	/	19.88	/	/	<=30	Pass
		Inner_1RB_Right	25.64	/	/	19.84	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.48	/	/	19.68	/	/	<=30	Pass
		Edge_1RB_Right	25.35	/	/	19.55	/	/	<=30	Pass
		Outer_Full	25.58	/	/	19.78	/	/	<=30	Pass
		Inner_Full	25.66	/	/	19.86	/	/	<=30	Pass
		Inner_1RB_Left	25.61	/	/	19.81	/	/	<=30	Pass
		Inner_1RB_Right	25.50	/	/	19.70	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	25.15	/	/	19.35	/	/	<=30	Pass
		Edge_1RB_Right	25.05	/	/	19.25	/	/	<=30	Pass
		Outer_Full	25.16	/	/	19.36	/	/	<=30	Pass
		Inner_Full	25.32	/	/	19.52	/	/	<=30	Pass
		Inner_1RB_Left	25.25	/	/	19.45	/	/	<=30	Pass
		Inner_1RB_Right	25.10	/	/	19.30	/	/	<=30	Pass
CP-OFDM 256 QAM	3710.01	Edge_1RB_Left	22.37	/	/	16.57	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	16.57	/	/	<=30	Pass
		Outer_Full	22.75	/	/	16.95	/	/	<=30	Pass
		Inner_Full	22.67	/	/	16.87	/	/	<=30	Pass
		Inner_1RB_Left	22.48	/	/	16.68	/	/	<=30	Pass
		Inner_1RB_Right	22.45	/	/	16.65	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.25	/	/	16.45	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	16.35	/	/	<=30	Pass
		Outer_Full	22.57	/	/	16.77	/	/	<=30	Pass
		Inner_Full	22.53	/	/	16.73	/	/	<=30	Pass
		Inner_1RB_Left	22.27	/	/	16.47	/	/	<=30	Pass
		Inner_1RB_Right	22.20	/	/	16.40	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	21.90	/	/	16.10	/	/	<=30	Pass
		Edge_1RB_Right	21.72	/	/	15.92	/	/	<=30	Pass
		Outer_Full	22.26	/	/	16.46	/	/	<=30	Pass
		Inner_Full	22.24	/	/	16.44	/	/	<=30	Pass
		Inner_1RB_Left	21.90	/	/	16.10	/	/	<=30	Pass
		Inner_1RB_Right	21.86	/	/	16.06	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30_S_30M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3715.02	Edge_1RB_Left	25.69	/	/	19.89	/	/	<=30	Pass
		Edge_1RB_Right	25.73	/	/	19.93	/	/	<=30	Pass
		Outer_Full	26.30	/	/	20.51	/	/	<=30	Pass
		Inner_Full	26.47	/	/	20.67	/	/	<=30	Pass
		Inner_1RB_Left	26.29	/	/	20.49	/	/	<=30	Pass
		Inner_1RB_Right	26.34	/	/	20.54	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.75	/	/	19.95	/	/	<=30	Pass
		Edge_1RB_Right	25.54	/	/	19.74	/	/	<=30	Pass
		Outer_Full	26.27	/	/	20.47	/	/	<=30	Pass
		Inner_Full	26.40	/	/	20.60	/	/	<=30	Pass
		Inner_1RB_Left	26.35	/	/	20.55	/	/	<=30	Pass
		Inner_1RB_Right	26.14	/	/	20.34	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	25.42	/	/	19.62	/	/	<=30	Pass
		Edge_1RB_Right	25.20	/	/	19.40	/	/	<=30	Pass
		Outer_Full	26.01	/	/	20.21	/	/	<=30	Pass
		Inner_Full	26.13	/	/	20.33	/	/	<=30	Pass

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		Inner_1RB_Left	26.06	/	/	20.26	/	/	<=30	Pass
		Inner_1RB_Right	25.85	/	/	20.05	/	/	<=30	Pass
DFT-s-OFDM QPSK	3715.02	Edge_1RB_Left	25.66	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	25.69	/	/	19.89	/	/	<=30	Pass
		Outer_Full	26.29	/	/	20.49	/	/	<=30	Pass
		Inner_Full	26.32	/	/	20.52	/	/	<=30	Pass
		Inner_1RB_Left	26.22	/	/	20.42	/	/	<=30	Pass
		Inner_1RB_Right	26.26	/	/	20.46	/	/	<=30	Pass
		Edge_1RB_Left	25.78	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	25.55	/	/	19.75	/	/	<=30	Pass
	3750	Outer_Full	26.27	/	/	20.47	/	/	<=30	Pass
		Inner_Full	26.35	/	/	20.55	/	/	<=30	Pass
		Inner_1RB_Left	26.36	/	/	20.56	/	/	<=30	Pass
		Inner_1RB_Right	26.12	/	/	20.32	/	/	<=30	Pass
		Edge_1RB_Left	25.50	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Right	25.28	/	/	19.48	/	/	<=30	Pass
		Outer_Full	25.93	/	/	20.13	/	/	<=30	Pass
		Inner_Full	25.95	/	/	20.15	/	/	<=30	Pass
	3784.98	Inner_1RB_Left	26.05	/	/	20.25	/	/	<=30	Pass
		Inner_1RB_Right	25.87	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Left	25.73	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	25.77	/	/	19.97	/	/	<=30	Pass
		Outer_Full	26.18	/	/	20.38	/	/	<=30	Pass
		Inner_Full	26.15	/	/	20.35	/	/	<=30	Pass
		Inner_1RB_Left	26.28	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Right	26.32	/	/	20.52	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.02	Edge_1RB_Left	25.73	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	25.77	/	/	19.97	/	/	<=30	Pass
		Outer_Full	26.18	/	/	20.38	/	/	<=30	Pass
		Inner_Full	26.15	/	/	20.35	/	/	<=30	Pass
		Inner_1RB_Left	26.28	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Right	26.32	/	/	20.52	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.86	/	/	20.06	/	/	<=30	Pass
		Edge_1RB_Right	25.61	/	/	19.81	/	/	<=30	Pass
		Outer_Full	26.14	/	/	20.34	/	/	<=30	Pass
		Inner_Full	26.25	/	/	20.45	/	/	<=30	Pass
		Inner_1RB_Left	26.40	/	/	20.60	/	/	<=30	Pass
		Inner_1RB_Right	26.08	/	/	20.28	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	25.50	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Right	25.36	/	/	19.56	/	/	<=30	Pass
		Outer_Full	25.83	/	/	20.03	/	/	<=30	Pass
		Inner_Full	25.86	/	/	20.06	/	/	<=30	Pass
		Inner_1RB_Left	26.06	/	/	20.26	/	/	<=30	Pass
		Inner_1RB_Right	25.82	/	/	20.02	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3715.02	Edge_1RB_Left	25.67	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	25.69	/	/	19.89	/	/	<=30	Pass
		Outer_Full	26.14	/	/	20.34	/	/	<=30	Pass
		Inner_Full	26.22	/	/	20.42	/	/	<=30	Pass
		Inner_1RB_Left	26.31	/	/	20.51	/	/	<=30	Pass
		Inner_1RB_Right	26.15	/	/	20.35	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.81	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Right	25.54	/	/	19.74	/	/	<=30	Pass
		Outer_Full	26.21	/	/	20.41	/	/	<=30	Pass
		Inner_Full	26.47	/	/	20.67	/	/	<=30	Pass
		Inner_1RB_Left	26.28	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Right	26.09	/	/	20.29	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	25.45	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	25.29	/	/	19.49	/	/	<=30	Pass
		Outer_Full	25.81	/	/	20.01	/	/	<=30	Pass
		Inner_Full	26.05	/	/	20.25	/	/	<=30	Pass
		Inner_1RB_Left	25.98	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Right	25.81	/	/	20.01	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3715.02	Edge_1RB_Left	24.61	/	/	18.81	/	/	<=30	Pass
		Edge_1RB_Right	24.72	/	/	18.92	/	/	<=30	Pass
		Outer_Full	24.80	/	/	19.00	/	/	<=30	Pass
		Inner_Full	24.78	/	/	18.98	/	/	<=30	Pass
		Inner_1RB_Left	24.55	/	/	18.75	/	/	<=30	Pass
		Inner_1RB_Right	24.83	/	/	19.03	/	/	<=30	Pass

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	3750	Edge_1RB_Left	24.56	/	/	18.76	/	/	<=30	Pass
		Edge_1RB_Right	24.42	/	/	18.62	/	/	<=30	Pass
		Outer_Full	24.74	/	/	18.94	/	/	<=30	Pass
		Inner_Full	24.78	/	/	18.98	/	/	<=30	Pass
		Inner_1RB_Left	24.58	/	/	18.78	/	/	<=30	Pass
		Inner_1RB_Right	24.37	/	/	18.57	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	24.33	/	/	18.53	/	/	<=30	Pass
		Edge_1RB_Right	24.09	/	/	18.29	/	/	<=30	Pass
		Outer_Full	24.46	/	/	18.66	/	/	<=30	Pass
		Inner_Full	24.49	/	/	18.69	/	/	<=30	Pass
		Inner_1RB_Left	24.34	/	/	18.54	/	/	<=30	Pass
		Inner_1RB_Right	24.11	/	/	18.31	/	/	<=30	Pass
CP-OFDM QPSK	3715.02	Edge_1RB_Left	25.64	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	25.87	/	/	20.07	/	/	<=30	Pass
		Outer_Full	26.30	/	/	20.51	/	/	<=30	Pass
		Inner_Full	26.23	/	/	20.43	/	/	<=30	Pass
		Inner_1RB_Left	26.21	/	/	20.41	/	/	<=30	Pass
		Inner_1RB_Right	26.38	/	/	20.58	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.86	/	/	17.06	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	16.79	/	/	<=30	Pass
		Outer_Full	23.25	/	/	17.45	/	/	<=30	Pass
		Inner_Full	23.11	/	/	17.31	/	/	<=30	Pass
		Inner_1RB_Left	23.43	/	/	17.63	/	/	<=30	Pass
		Inner_1RB_Right	23.26	/	/	17.46	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	25.59	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	25.30	/	/	19.50	/	/	<=30	Pass
		Outer_Full	25.94	/	/	20.14	/	/	<=30	Pass
		Inner_Full	25.88	/	/	20.08	/	/	<=30	Pass
		Inner_1RB_Left	26.22	/	/	20.42	/	/	<=30	Pass
		Inner_1RB_Right	25.89	/	/	20.09	/	/	<=30	Pass
CP-OFDM 16 QAM	3715.02	Edge_1RB_Left	25.79	/	/	19.99	/	/	<=30	Pass
		Edge_1RB_Right	25.85	/	/	20.05	/	/	<=30	Pass
		Outer_Full	26.24	/	/	20.44	/	/	<=30	Pass
		Inner_Full	26.19	/	/	20.39	/	/	<=30	Pass
		Inner_1RB_Left	26.46	/	/	20.66	/	/	<=30	Pass
		Inner_1RB_Right	26.30	/	/	20.50	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.95	/	/	17.15	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	16.96	/	/	<=30	Pass
		Outer_Full	23.17	/	/	17.37	/	/	<=30	Pass
		Inner_Full	23.15	/	/	17.35	/	/	<=30	Pass
		Inner_1RB_Left	23.48	/	/	17.68	/	/	<=30	Pass
		Inner_1RB_Right	23.22	/	/	17.42	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	25.64	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	25.39	/	/	19.59	/	/	<=30	Pass
		Outer_Full	25.84	/	/	20.04	/	/	<=30	Pass
		Inner_Full	25.93	/	/	20.13	/	/	<=30	Pass
		Inner_1RB_Left	26.02	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Right	25.88	/	/	20.08	/	/	<=30	Pass
CP-OFDM 64 QAM	3715.02	Edge_1RB_Left	25.79	/	/	19.99	/	/	<=30	Pass
		Edge_1RB_Right	25.86	/	/	20.06	/	/	<=30	Pass
		Outer_Full	25.75	/	/	19.95	/	/	<=30	Pass
		Inner_Full	25.80	/	/	20.00	/	/	<=30	Pass
		Inner_1RB_Left	25.83	/	/	20.03	/	/	<=30	Pass
		Inner_1RB_Right	25.89	/	/	20.09	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.80	/	/	17.00	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	16.78	/	/	<=30	Pass
		Outer_Full	22.75	/	/	16.95	/	/	<=30	Pass
		Inner_Full	22.79	/	/	16.99	/	/	<=30	Pass
		Inner_1RB_Left	22.85	/	/	17.05	/	/	<=30	Pass
		Inner_1RB_Right	22.67	/	/	16.87	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	25.59	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	25.33	/	/	19.53	/	/	<=30	Pass

CP-OFDM 256 QAM		Outer_Full	25.48	/	/	19.68	/	/	<=30	Pass
		Inner_Full	25.43	/	/	19.63	/	/	<=30	Pass
		Inner_1RB_Left	25.63	/	/	19.83	/	/	<=30	Pass
		Inner_1RB_Right	25.37	/	/	19.57	/	/	<=30	Pass
	3715.02	Edge_1RB_Left	22.48	/	/	16.68	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	16.81	/	/	<=30	Pass
		Outer_Full	22.71	/	/	16.91	/	/	<=30	Pass
		Inner_Full	22.68	/	/	16.88	/	/	<=30	Pass
	3750	Inner_1RB_Left	22.62	/	/	16.83	/	/	<=30	Pass
		Inner_1RB_Right	22.65	/	/	16.85	/	/	<=30	Pass
		Edge_1RB_Left	22.57	/	/	16.77	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	16.53	/	/	<=30	Pass
	3784.98	Outer_Full	22.80	/	/	17.00	/	/	<=30	Pass
		Inner_Full	22.87	/	/	17.07	/	/	<=30	Pass
		Inner_1RB_Left	22.63	/	/	16.83	/	/	<=30	Pass
		Inner_1RB_Right	22.38	/	/	16.58	/	/	<=30	Pass
		Edge_1RB_Left	22.30	/	/	16.50	/	/	<=30	Pass
		Edge_1RB_Right	22.14	/	/	16.35	/	/	<=30	Pass
		Outer_Full	22.42	/	/	16.62	/	/	<=30	Pass
		Inner_Full	22.46	/	/	16.66	/	/	<=30	Pass
		Inner_1RB_Left	22.34	/	/	16.54	/	/	<=30	Pass
		Inner_1RB_Right	22.09	/	/	16.29	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.4 30_S_40M_NTNV_EIRP

5G NR n78a 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	3720	Edge_1RB_Left	25.83	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	25.74	/	/	19.94	/	/	<=30	Pass
		Outer_Full	26.44	/	/	20.64	/	/	<=30	Pass
		Inner_Full	26.59	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Left	26.41	/	/	20.61	/	/	<=30	Pass
		Inner_1RB_Right	26.34	/	/	20.54	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.83	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	25.48	/	/	19.68	/	/	<=30	Pass
		Outer_Full	26.33	/	/	20.53	/	/	<=30	Pass
		Inner_Full	26.40	/	/	20.60	/	/	<=30	Pass
		Inner_1RB_Left	26.46	/	/	20.66	/	/	<=30	Pass
		Inner_1RB_Right	26.18	/	/	20.38	/	/	<=30	Pass
	3780	Edge_1RB_Left	25.58	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	25.19	/	/	19.39	/	/	<=30	Pass
		Outer_Full	25.97	/	/	20.17	/	/	<=30	Pass
		Inner_Full	26.08	/	/	20.28	/	/	<=30	Pass
		Inner_1RB_Left	26.24	/	/	20.44	/	/	<=30	Pass
		Inner_1RB_Right	25.80	/	/	20.00	/	/	<=30	Pass
DFT-s-OFDM QPSK	3720	Edge_1RB_Left	25.82	/	/	20.02	/	/	<=30	Pass
		Edge_1RB_Right	25.70	/	/	19.90	/	/	<=30	Pass
		Outer_Full	26.37	/	/	20.57	/	/	<=30	Pass
		Inner_Full	26.46	/	/	20.66	/	/	<=30	Pass
		Inner_1RB_Left	26.35	/	/	20.55	/	/	<=30	Pass
		Inner_1RB_Right	26.23	/	/	20.43	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.86	/	/	20.06	/	/	<=30	Pass
		Edge_1RB_Right	25.48	/	/	19.68	/	/	<=30	Pass
		Outer_Full	26.22	/	/	20.42	/	/	<=30	Pass
		Inner_Full	26.29	/	/	20.49	/	/	<=30	Pass
		Inner_1RB_Left	26.39	/	/	20.59	/	/	<=30	Pass
		Inner_1RB_Right	26.12	/	/	20.32	/	/	<=30	Pass
	3780	Edge_1RB_Left	25.71	/	/	19.91	/	/	<=30	Pass
		Edge_1RB_Right	25.21	/	/	19.42	/	/	<=30	Pass

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DFT-s-OFDM 16 QAM		Outer_Full	25.96	/	/	20.16	/	/	<=30	Pass
		Inner_Full	25.97	/	/	20.17	/	/	<=30	Pass
		Inner_1RB_Left	26.22	/	/	20.42	/	/	<=30	Pass
		Inner_1RB_Right	25.77	/	/	19.97	/	/	<=30	Pass
	3720	Edge_1RB_Left	25.91	/	/	20.11	/	/	<=30	Pass
		Edge_1RB_Right	25.75	/	/	19.95	/	/	<=30	Pass
		Outer_Full	26.38	/	/	20.58	/	/	<=30	Pass
		Inner_Full	26.25	/	/	20.45	/	/	<=30	Pass
	3750	Inner_1RB_Left	26.48	/	/	20.68	/	/	<=30	Pass
		Inner_1RB_Right	26.28	/	/	20.48	/	/	<=30	Pass
		Edge_1RB_Left	25.98	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Right	25.60	/	/	19.80	/	/	<=30	Pass
	3780	Outer_Full	26.19	/	/	20.39	/	/	<=30	Pass
		Inner_Full	26.14	/	/	20.34	/	/	<=30	Pass
		Inner_1RB_Left	26.40	/	/	20.60	/	/	<=30	Pass
		Inner_1RB_Right	26.02	/	/	20.22	/	/	<=30	Pass
DFT-s-OFDM 64 QAM		Edge_1RB_Left	25.74	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	25.24	/	/	19.44	/	/	<=30	Pass
		Outer_Full	25.92	/	/	20.12	/	/	<=30	Pass
		Inner_Full	25.83	/	/	20.03	/	/	<=30	Pass
	3720	Inner_1RB_Left	26.14	/	/	20.34	/	/	<=30	Pass
		Inner_1RB_Right	25.78	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Left	25.76	/	/	19.96	/	/	<=30	Pass
		Edge_1RB_Right	25.73	/	/	19.93	/	/	<=30	Pass
	3750	Outer_Full	26.33	/	/	20.53	/	/	<=30	Pass
		Inner_Full	26.30	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Left	26.28	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Right	26.24	/	/	20.44	/	/	<=30	Pass
	3780	Edge_1RB_Left	25.88	/	/	20.08	/	/	<=30	Pass
		Edge_1RB_Right	25.49	/	/	19.69	/	/	<=30	Pass
		Outer_Full	26.30	/	/	20.50	/	/	<=30	Pass
		Inner_Full	26.25	/	/	20.45	/	/	<=30	Pass
DFT-s-OFDM 256 QAM		Inner_1RB_Left	26.34	/	/	20.54	/	/	<=30	Pass
		Inner_1RB_Right	25.98	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Left	25.63	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	25.17	/	/	19.37	/	/	<=30	Pass
	3720	Outer_Full	25.99	/	/	20.19	/	/	<=30	Pass
		Inner_Full	26.06	/	/	20.26	/	/	<=30	Pass
		Inner_1RB_Left	26.10	/	/	20.30	/	/	<=30	Pass
		Inner_1RB_Right	25.71	/	/	19.91	/	/	<=30	Pass
	3750	Edge_1RB_Left	24.60	/	/	18.80	/	/	<=30	Pass
		Edge_1RB_Right	24.56	/	/	18.76	/	/	<=30	Pass
		Outer_Full	24.77	/	/	18.97	/	/	<=30	Pass
		Inner_Full	24.73	/	/	18.93	/	/	<=30	Pass
	3780	Inner_1RB_Left	24.80	/	/	19.00	/	/	<=30	Pass
		Inner_1RB_Right	24.55	/	/	18.75	/	/	<=30	Pass
		Edge_1RB_Left	24.69	/	/	18.89	/	/	<=30	Pass
		Edge_1RB_Right	24.40	/	/	18.60	/	/	<=30	Pass
CP-OFDM QPSK		Outer_Full	24.71	/	/	18.91	/	/	<=30	Pass
		Inner_Full	24.80	/	/	19.00	/	/	<=30	Pass
		Inner_1RB_Left	24.70	/	/	18.90	/	/	<=30	Pass
		Inner_1RB_Right	24.40	/	/	18.60	/	/	<=30	Pass
	3720	Edge_1RB_Left	24.48	/	/	18.68	/	/	<=30	Pass
		Edge_1RB_Right	24.02	/	/	18.22	/	/	<=30	Pass
		Outer_Full	24.42	/	/	18.62	/	/	<=30	Pass
		Inner_Full	24.47	/	/	18.67	/	/	<=30	Pass
	3750	Inner_1RB_Left	24.48	/	/	18.68	/	/	<=30	Pass
		Inner_1RB_Right	24.11	/	/	18.31	/	/	<=30	Pass
	3780	Edge_1RB_Left	25.99	/	/	20.19	/	/	<=30	Pass
		Edge_1RB_Right	25.82	/	/	20.02	/	/	<=30	Pass
		Outer_Full	26.45	/	/	20.65	/	/	<=30	Pass
		Inner_Full	26.32	/	/	20.52	/	/	<=30	Pass

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			Inner_1RB_Left	26.39	/	/	20.59	/	/	<=30	Pass
			Inner_1RB_Right	26.36	/	/	20.56	/	/	<=30	Pass
		3750	Edge_1RB_Left	25.91	/	/	20.11	/	/	<=30	Pass
			Edge_1RB_Right	25.61	/	/	19.81	/	/	<=30	Pass
			Outer_Full	26.21	/	/	20.41	/	/	<=30	Pass
			Inner_Full	26.17	/	/	20.37	/	/	<=30	Pass
			Inner_1RB_Left	26.47	/	/	20.67	/	/	<=30	Pass
			Inner_1RB_Right	26.06	/	/	20.26	/	/	<=30	Pass
		3780	Edge_1RB_Left	25.71	/	/	19.91	/	/	<=30	Pass
			Edge_1RB_Right	25.35	/	/	19.55	/	/	<=30	Pass
			Outer_Full	25.94	/	/	20.14	/	/	<=30	Pass
			Inner_Full	25.91	/	/	20.11	/	/	<=30	Pass
			Inner_1RB_Left	26.21	/	/	20.41	/	/	<=30	Pass
			Inner_1RB_Right	25.80	/	/	20.01	/	/	<=30	Pass
CP-OFDM 16 QAM		3720	Edge_1RB_Left	25.92	/	/	20.12	/	/	<=30	Pass
			Edge_1RB_Right	25.93	/	/	20.13	/	/	<=30	Pass
			Outer_Full	26.52	/	/	20.72	/	/	<=30	Pass
			Inner_Full	26.34	/	/	20.54	/	/	<=30	Pass
			Inner_1RB_Left	26.58	/	/	20.78	/	/	<=30	Pass
			Inner_1RB_Right	26.35	/	/	20.55	/	/	<=30	Pass
		3750	Edge_1RB_Left	25.95	/	/	20.15	/	/	<=30	Pass
			Edge_1RB_Right	25.68	/	/	19.88	/	/	<=30	Pass
			Outer_Full	26.17	/	/	20.37	/	/	<=30	Pass
			Inner_Full	26.26	/	/	20.46	/	/	<=30	Pass
			Inner_1RB_Left	26.40	/	/	20.60	/	/	<=30	Pass
			Inner_1RB_Right	26.20	/	/	20.40	/	/	<=30	Pass
		3780	Edge_1RB_Left	25.81	/	/	20.01	/	/	<=30	Pass
			Edge_1RB_Right	25.48	/	/	19.68	/	/	<=30	Pass
			Outer_Full	25.89	/	/	20.09	/	/	<=30	Pass
			Inner_Full	25.90	/	/	20.10	/	/	<=30	Pass
			Inner_1RB_Left	26.25	/	/	20.45	/	/	<=30	Pass
			Inner_1RB_Right	25.89	/	/	20.09	/	/	<=30	Pass
CP-OFDM 64 QAM		3720	Edge_1RB_Left	25.90	/	/	20.10	/	/	<=30	Pass
			Edge_1RB_Right	25.80	/	/	20.00	/	/	<=30	Pass
			Outer_Full	25.80	/	/	20.00	/	/	<=30	Pass
			Inner_Full	25.95	/	/	20.15	/	/	<=30	Pass
			Inner_1RB_Left	25.92	/	/	20.12	/	/	<=30	Pass
			Inner_1RB_Right	25.80	/	/	20.00	/	/	<=30	Pass
		3750	Edge_1RB_Left	25.92	/	/	20.12	/	/	<=30	Pass
			Edge_1RB_Right	25.69	/	/	19.89	/	/	<=30	Pass
			Outer_Full	25.77	/	/	19.97	/	/	<=30	Pass
			Inner_Full	25.89	/	/	20.09	/	/	<=30	Pass
			Inner_1RB_Left	25.92	/	/	20.12	/	/	<=30	Pass
			Inner_1RB_Right	25.59	/	/	19.79	/	/	<=30	Pass
		3780	Edge_1RB_Left	25.71	/	/	19.91	/	/	<=30	Pass
			Edge_1RB_Right	25.36	/	/	19.56	/	/	<=30	Pass
			Outer_Full	25.53	/	/	19.73	/	/	<=30	Pass
			Inner_Full	25.62	/	/	19.82	/	/	<=30	Pass
			Inner_1RB_Left	25.73	/	/	19.93	/	/	<=30	Pass
			Inner_1RB_Right	25.36	/	/	19.56	/	/	<=30	Pass
CP-OFDM 256 QAM		3720	Edge_1RB_Left	22.64	/	/	16.84	/	/	<=30	Pass
			Edge_1RB_Right	22.62	/	/	16.82	/	/	<=30	Pass
			Outer_Full	22.91	/	/	17.11	/	/	<=30	Pass
			Inner_Full	22.82	/	/	17.02	/	/	<=30	Pass
			Inner_1RB_Left	22.66	/	/	16.86	/	/	<=30	Pass
			Inner_1RB_Right	22.61	/	/	16.81	/	/	<=30	Pass
		3750	Edge_1RB_Left	22.64	/	/	16.84	/	/	<=30	Pass
			Edge_1RB_Right	22.38	/	/	16.58	/	/	<=30	Pass
			Outer_Full	22.81	/	/	17.01	/	/	<=30	Pass
			Inner_Full	22.79	/	/	16.99	/	/	<=30	Pass
			Inner_1RB_Left	22.66	/	/	16.86	/	/	<=30	Pass
			Inner_1RB_Right	22.37	/	/	16.57	/	/	<=30	Pass

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	3780	Edge_1RB_Left	22.43	/	/	16.63	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	16.35	/	/	<=30	Pass
		Outer_Full	22.46	/	/	16.66	/	/	<=30	Pass
		Inner_Full	22.41	/	/	16.61	/	/	<=30	Pass
		Inner_1RB_Left	22.53	/	/	16.73	/	/	<=30	Pass
		Inner_1RB_Right	22.13	/	/	16.33	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30_S_50M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3725.01	Edge_1RB_Left	25.84	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	25.73	/	/	19.93	/	/	<=30	Pass
		Outer_Full	26.49	/	/	20.69	/	/	<=30	Pass
		Inner_Full	26.70	/	/	20.90	/	/	<=30	Pass
		Inner_1RB_Left	26.44	/	/	20.64	/	/	<=30	Pass
		Inner_1RB_Right	26.31	/	/	20.51	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.92	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	25.49	/	/	19.69	/	/	<=30	Pass
		Outer_Full	26.39	/	/	20.60	/	/	<=30	Pass
		Inner_Full	26.59	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Left	26.38	/	/	20.58	/	/	<=30	Pass
		Inner_1RB_Right	26.09	/	/	20.29	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	25.77	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	25.34	/	/	19.54	/	/	<=30	Pass
		Outer_Full	26.17	/	/	20.37	/	/	<=30	Pass
		Inner_Full	26.33	/	/	20.53	/	/	<=30	Pass
		Inner_1RB_Left	26.33	/	/	20.53	/	/	<=30	Pass
		Inner_1RB_Right	25.83	/	/	20.03	/	/	<=30	Pass
DFT-s-OFDM QPSK	3725.01	Edge_1RB_Left	25.92	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	25.79	/	/	19.99	/	/	<=30	Pass
		Outer_Full	26.50	/	/	20.70	/	/	<=30	Pass
		Inner_Full	26.58	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Left	26.37	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Right	26.31	/	/	20.51	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.89	/	/	20.09	/	/	<=30	Pass
		Edge_1RB_Right	25.44	/	/	19.64	/	/	<=30	Pass
		Outer_Full	26.39	/	/	20.60	/	/	<=30	Pass
		Inner_Full	26.48	/	/	20.68	/	/	<=30	Pass
		Inner_1RB_Left	26.39	/	/	20.59	/	/	<=30	Pass
		Inner_1RB_Right	25.98	/	/	20.18	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	25.73	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	25.31	/	/	19.51	/	/	<=30	Pass
		Outer_Full	26.20	/	/	20.40	/	/	<=30	Pass
		Inner_Full	26.17	/	/	20.37	/	/	<=30	Pass
		Inner_1RB_Left	26.25	/	/	20.45	/	/	<=30	Pass
		Inner_1RB_Right	25.86	/	/	20.06	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3725.01	Edge_1RB_Left	25.90	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Right	25.79	/	/	19.99	/	/	<=30	Pass
		Outer_Full	26.40	/	/	20.60	/	/	<=30	Pass
		Inner_Full	26.43	/	/	20.63	/	/	<=30	Pass
		Inner_1RB_Left	26.49	/	/	20.69	/	/	<=30	Pass
		Inner_1RB_Right	26.24	/	/	20.44	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.92	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	25.57	/	/	19.77	/	/	<=30	Pass
		Outer_Full	26.42	/	/	20.62	/	/	<=30	Pass
		Inner_Full	26.37	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Left	26.41	/	/	20.61	/	/	<=30	Pass
		Inner_1RB_Right	26.00	/	/	20.20	/	/	<=30	Pass

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	3774.99	Edge_1RB_Left	25.80	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	25.41	/	/	19.61	/	/	<=30	Pass
		Outer_Full	26.09	/	/	20.29	/	/	<=30	Pass
		Inner_Full	26.08	/	/	20.28	/	/	<=30	Pass
		Inner_1RB_Left	26.34	/	/	20.54	/	/	<=30	Pass
		Inner_1RB_Right	25.76	/	/	19.96	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3725.01	Edge_1RB_Left	25.80	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	25.73	/	/	19.93	/	/	<=30	Pass
		Outer_Full	26.51	/	/	20.71	/	/	<=30	Pass
		Inner_Full	25.98	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Left	26.37	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Right	26.21	/	/	20.41	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.87	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Right	25.43	/	/	19.63	/	/	<=30	Pass
		Outer_Full	26.32	/	/	20.52	/	/	<=30	Pass
		Inner_Full	26.41	/	/	20.61	/	/	<=30	Pass
		Inner_1RB_Left	26.30	/	/	20.51	/	/	<=30	Pass
		Inner_1RB_Right	25.87	/	/	20.07	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	25.72	/	/	19.92	/	/	<=30	Pass
		Edge_1RB_Right	25.27	/	/	19.47	/	/	<=30	Pass
		Outer_Full	26.15	/	/	20.35	/	/	<=30	Pass
		Inner_Full	26.16	/	/	20.36	/	/	<=30	Pass
		Inner_1RB_Left	26.27	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Right	25.77	/	/	19.97	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3725.01	Edge_1RB_Left	24.67	/	/	18.87	/	/	<=30	Pass
		Edge_1RB_Right	24.96	/	/	19.16	/	/	<=30	Pass
		Outer_Full	24.86	/	/	19.06	/	/	<=30	Pass
		Inner_Full	24.96	/	/	19.16	/	/	<=30	Pass
		Inner_1RB_Left	25.00	/	/	19.20	/	/	<=30	Pass
		Inner_1RB_Right	24.54	/	/	18.74	/	/	<=30	Pass
	3750	Edge_1RB_Left	24.65	/	/	18.85	/	/	<=30	Pass
		Edge_1RB_Right	24.33	/	/	18.53	/	/	<=30	Pass
		Outer_Full	24.87	/	/	19.07	/	/	<=30	Pass
		Inner_Full	24.94	/	/	19.14	/	/	<=30	Pass
		Inner_1RB_Left	24.66	/	/	18.86	/	/	<=30	Pass
		Inner_1RB_Right	24.33	/	/	18.53	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	24.58	/	/	18.78	/	/	<=30	Pass
		Edge_1RB_Right	24.07	/	/	18.27	/	/	<=30	Pass
		Outer_Full	24.62	/	/	18.82	/	/	<=30	Pass
		Inner_Full	24.79	/	/	18.99	/	/	<=30	Pass
		Inner_1RB_Left	24.57	/	/	18.77	/	/	<=30	Pass
		Inner_1RB_Right	24.08	/	/	18.28	/	/	<=30	Pass
CP-OFDM QPSK	3725.01	Edge_1RB_Left	26.02	/	/	20.22	/	/	<=30	Pass
		Edge_1RB_Right	25.73	/	/	19.93	/	/	<=30	Pass
		Outer_Full	26.40	/	/	20.60	/	/	<=30	Pass
		Inner_Full	26.44	/	/	20.64	/	/	<=30	Pass
		Inner_1RB_Left	26.54	/	/	20.74	/	/	<=30	Pass
		Inner_1RB_Right	26.30	/	/	20.50	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.92	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	25.59	/	/	19.79	/	/	<=30	Pass
		Outer_Full	26.36	/	/	20.56	/	/	<=30	Pass
		Inner_Full	26.37	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Left	26.54	/	/	20.74	/	/	<=30	Pass
		Inner_1RB_Right	26.12	/	/	20.32	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	25.82	/	/	20.02	/	/	<=30	Pass
		Edge_1RB_Right	25.33	/	/	19.53	/	/	<=30	Pass
		Outer_Full	26.09	/	/	20.29	/	/	<=30	Pass
		Inner_Full	26.11	/	/	20.31	/	/	<=30	Pass
		Inner_1RB_Left	26.32	/	/	20.52	/	/	<=30	Pass
		Inner_1RB_Right	25.83	/	/	20.03	/	/	<=30	Pass
CP-OFDM 16 QAM	3725.01	Edge_1RB_Left	26.14	/	/	20.34	/	/	<=30	Pass
		Edge_1RB_Right	25.97	/	/	20.17	/	/	<=30	Pass

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

CP-OFDM 64 QAM		Outer_Full	26.49	/	/	20.69	/	/	<=30	Pass
		Inner_Full	26.57	/	/	20.77	/	/	<=30	Pass
		Inner_1RB_Left	26.57	/	/	20.77	/	/	<=30	Pass
		Inner_1RB_Right	26.36	/	/	20.56	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.98	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Right	25.63	/	/	19.83	/	/	<=30	Pass
		Outer_Full	26.35	/	/	20.55	/	/	<=30	Pass
		Inner_Full	26.42	/	/	20.62	/	/	<=30	Pass
	3774.99	Inner_1RB_Left	26.56	/	/	20.76	/	/	<=30	Pass
		Inner_1RB_Right	26.06	/	/	20.26	/	/	<=30	Pass
		Edge_1RB_Left	25.94	/	/	20.14	/	/	<=30	Pass
		Edge_1RB_Right	25.49	/	/	19.69	/	/	<=30	Pass
CP-OFDM 256 QAM	3725.01	Outer_Full	26.06	/	/	20.26	/	/	<=30	Pass
		Inner_Full	26.18	/	/	20.38	/	/	<=30	Pass
		Inner_1RB_Left	26.38	/	/	20.58	/	/	<=30	Pass
		Inner_1RB_Right	25.90	/	/	20.10	/	/	<=30	Pass
	3750	Edge_1RB_Left	26.00	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	25.84	/	/	20.04	/	/	<=30	Pass
		Outer_Full	25.93	/	/	20.13	/	/	<=30	Pass
		Inner_Full	26.06	/	/	20.26	/	/	<=30	Pass
	3774.99	Inner_1RB_Left	26.02	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Right	25.83	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Left	25.92	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	25.57	/	/	19.77	/	/	<=30	Pass
	3750	Outer_Full	25.88	/	/	20.08	/	/	<=30	Pass
		Inner_Full	26.02	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Left	25.96	/	/	20.17	/	/	<=30	Pass
		Inner_1RB_Right	25.57	/	/	19.77	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	25.78	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	25.36	/	/	19.56	/	/	<=30	Pass
		Outer_Full	25.72	/	/	19.92	/	/	<=30	Pass
		Inner_Full	25.27	/	/	19.47	/	/	<=30	Pass
CP-OFDM 256 QAM	3725.01	Inner_1RB_Left	25.81	/	/	20.01	/	/	<=30	Pass
		Inner_1RB_Right	25.34	/	/	19.54	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.66	/	/	16.86	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	16.75	/	/	<=30	Pass
		Outer_Full	22.90	/	/	17.10	/	/	<=30	Pass
		Inner_Full	23.04	/	/	17.24	/	/	<=30	Pass
	3774.99	Inner_1RB_Left	22.78	/	/	16.98	/	/	<=30	Pass
		Inner_1RB_Right	22.64	/	/	16.84	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.75	/	/	13.95	/	/	<=30	Pass
		Edge_1RB_Right	19.34	/	/	13.54	/	/	<=30	Pass
		Outer_Full	19.89	/	/	14.09	/	/	<=30	Pass
		Inner_Full	19.82	/	/	14.02	/	/	<=30	Pass
	3774.99	Inner_1RB_Left	19.76	/	/	13.96	/	/	<=30	Pass
		Inner_1RB_Right	19.39	/	/	13.59	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.52	/	/	16.72	/	/	<=30	Pass
		Edge_1RB_Right	22.09	/	/	16.29	/	/	<=30	Pass
		Outer_Full	22.67	/	/	16.87	/	/	<=30	Pass
		Inner_Full	22.70	/	/	16.90	/	/	<=30	Pass
	3774.99	Inner_1RB_Left	22.54	/	/	16.74	/	/	<=30	Pass
		Inner_1RB_Right	22.09	/	/	16.29	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.6 30_S_60M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3730.02	Edge_1RB_Left	25.80	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	25.56	/	/	19.76	/	/	<=30	Pass

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Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China
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		Outer_Full	26.34	/	/	20.54	/	/	<=30	Pass
		Inner_Full	26.31	/	/	20.51	/	/	<=30	Pass
		Inner_1RB_Left	26.42	/	/	20.62	/	/	<=30	Pass
		Inner_1RB_Right	26.20	/	/	20.40	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.78	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	25.25	/	/	19.45	/	/	<=30	Pass
		Outer_Full	26.19	/	/	20.39	/	/	<=30	Pass
		Inner_Full	26.22	/	/	20.42	/	/	<=30	Pass
	3769.98	Inner_1RB_Left	26.41	/	/	20.61	/	/	<=30	Pass
		Inner_1RB_Right	25.98	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Left	25.64	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Right	25.11	/	/	19.31	/	/	<=30	Pass
DFT-s-OFDM QPSK	3730.02	Outer_Full	25.99	/	/	20.19	/	/	<=30	Pass
		Inner_Full	25.97	/	/	20.17	/	/	<=30	Pass
		Inner_1RB_Left	26.37	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Right	25.80	/	/	20.00	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.84	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	25.50	/	/	19.70	/	/	<=30	Pass
		Outer_Full	26.28	/	/	20.48	/	/	<=30	Pass
		Inner_Full	26.21	/	/	20.42	/	/	<=30	Pass
	3769.98	Inner_1RB_Left	26.39	/	/	20.59	/	/	<=30	Pass
		Inner_1RB_Right	26.07	/	/	20.27	/	/	<=30	Pass
		Edge_1RB_Left	25.74	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	25.21	/	/	19.41	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3730.02	Outer_Full	26.11	/	/	20.31	/	/	<=30	Pass
		Inner_Full	26.14	/	/	20.34	/	/	<=30	Pass
		Inner_1RB_Left	26.29	/	/	20.49	/	/	<=30	Pass
		Inner_1RB_Right	25.89	/	/	20.09	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.62	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	25.09	/	/	19.29	/	/	<=30	Pass
		Outer_Full	25.96	/	/	20.16	/	/	<=30	Pass
		Inner_Full	25.93	/	/	20.13	/	/	<=30	Pass
	3769.98	Inner_1RB_Left	26.27	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Right	25.65	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Left	25.91	/	/	20.11	/	/	<=30	Pass
		Edge_1RB_Right	25.59	/	/	19.79	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3730.02	Outer_Full	26.21	/	/	20.41	/	/	<=30	Pass
		Inner_Full	26.40	/	/	20.60	/	/	<=30	Pass
		Inner_1RB_Left	26.47	/	/	20.67	/	/	<=30	Pass
		Inner_1RB_Right	26.18	/	/	20.38	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.68	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	25.17	/	/	19.37	/	/	<=30	Pass
		Outer_Full	26.13	/	/	20.33	/	/	<=30	Pass
		Inner_Full	26.02	/	/	20.22	/	/	<=30	Pass
	3769.98	Inner_1RB_Left	26.43	/	/	20.63	/	/	<=30	Pass
		Inner_1RB_Right	25.94	/	/	20.14	/	/	<=30	Pass
		Edge_1RB_Left	25.78	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	25.19	/	/	19.39	/	/	<=30	Pass
	3730.02	Outer_Full	25.91	/	/	20.11	/	/	<=30	Pass
		Inner_Full	25.78	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Left	25.78	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Right	26.34	/	/	20.54	/	/	<=30	Pass
	3750	Inner_1RB_Right	25.67	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Left	25.77	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	25.53	/	/	19.73	/	/	<=30	Pass
		Outer_Full	26.27	/	/	20.47	/	/	<=30	Pass
	3730.02	Inner_Full	26.25	/	/	20.45	/	/	<=30	Pass
		Inner_1RB_Left	26.34	/	/	20.54	/	/	<=30	Pass
		Inner_1RB_Right	26.00	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Left	25.78	/	/	19.98	/	/	<=30	Pass
	3750	Edge_1RB_Right	25.31	/	/	19.51	/	/	<=30	Pass
		Outer_Full	26.07	/	/	20.27	/	/	<=30	Pass
		Inner_Full	26.10	/	/	20.30	/	/	<=30	Pass

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Tel: +86 0755 23080694

DFT-s-OFDM 256 QAM		Inner_1RB_Left	26.41	/	/	20.61	/	/	<=30	Pass
		Inner_1RB_Right	25.95	/	/	20.15	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	25.68	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	25.06	/	/	19.26	/	/	<=30	Pass
		Outer_Full	25.93	/	/	20.13	/	/	<=30	Pass
		Inner_Full	25.91	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Left	26.14	/	/	20.34	/	/	<=30	Pass
		Inner_1RB_Right	25.58	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Left	24.64	/	/	18.84	/	/	<=30	Pass
		Edge_1RB_Right	24.31	/	/	18.51	/	/	<=30	Pass
	3730.02	Outer_Full	24.77	/	/	18.97	/	/	<=30	Pass
		Inner_Full	24.72	/	/	18.92	/	/	<=30	Pass
		Inner_1RB_Left	24.60	/	/	18.80	/	/	<=30	Pass
		Inner_1RB_Right	24.36	/	/	18.56	/	/	<=30	Pass
	3750	Edge_1RB_Left	24.59	/	/	18.79	/	/	<=30	Pass
		Edge_1RB_Right	24.11	/	/	18.31	/	/	<=30	Pass
		Outer_Full	24.61	/	/	18.81	/	/	<=30	Pass
		Inner_Full	24.61	/	/	18.81	/	/	<=30	Pass
		Inner_1RB_Left	24.62	/	/	18.82	/	/	<=30	Pass
		Inner_1RB_Right	24.16	/	/	18.36	/	/	<=30	Pass
		Edge_1RB_Left	24.47	/	/	18.67	/	/	<=30	Pass
		Edge_1RB_Right	23.91	/	/	18.11	/	/	<=30	Pass
CP-OFDM QPSK	3769.98	Outer_Full	14.86	/	/	9.06	/	/	<=30	Pass
		Inner_Full	24.42	/	/	18.62	/	/	<=30	Pass
		Inner_1RB_Left	24.50	/	/	18.70	/	/	<=30	Pass
		Inner_1RB_Right	23.96	/	/	18.16	/	/	<=30	Pass
	3730.02	Edge_1RB_Left	25.92	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	25.70	/	/	19.90	/	/	<=30	Pass
		Outer_Full	26.24	/	/	20.44	/	/	<=30	Pass
		Inner_Full	26.14	/	/	20.34	/	/	<=30	Pass
		Inner_1RB_Left	26.50	/	/	20.70	/	/	<=30	Pass
		Inner_1RB_Right	26.24	/	/	20.44	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.85	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	25.43	/	/	19.63	/	/	<=30	Pass
		Outer_Full	26.07	/	/	20.27	/	/	<=30	Pass
		Inner_Full	26.04	/	/	20.24	/	/	<=30	Pass
		Inner_1RB_Left	26.50	/	/	20.70	/	/	<=30	Pass
		Inner_1RB_Right	26.02	/	/	20.22	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	25.74	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	25.24	/	/	19.44	/	/	<=30	Pass
		Outer_Full	25.88	/	/	20.08	/	/	<=30	Pass
		Inner_Full	25.87	/	/	20.07	/	/	<=30	Pass
		Inner_1RB_Left	26.43	/	/	20.63	/	/	<=30	Pass
		Inner_1RB_Right	25.98	/	/	20.18	/	/	<=30	Pass
CP-OFDM 16 QAM	3730.02	Edge_1RB_Left	25.96	/	/	20.16	/	/	<=30	Pass
		Edge_1RB_Right	25.81	/	/	20.01	/	/	<=30	Pass
		Outer_Full	26.26	/	/	20.46	/	/	<=30	Pass
		Inner_Full	26.23	/	/	20.43	/	/	<=30	Pass
		Inner_1RB_Left	26.57	/	/	20.77	/	/	<=30	Pass
		Inner_1RB_Right	26.37	/	/	20.57	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.84	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	25.46	/	/	19.67	/	/	<=30	Pass
		Outer_Full	26.09	/	/	20.29	/	/	<=30	Pass
		Inner_Full	26.12	/	/	20.32	/	/	<=30	Pass
		Inner_1RB_Left	26.54	/	/	20.74	/	/	<=30	Pass
		Inner_1RB_Right	26.03	/	/	20.23	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	25.73	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	25.21	/	/	19.41	/	/	<=30	Pass
		Outer_Full	25.92	/	/	20.12	/	/	<=30	Pass
		Inner_Full	25.93	/	/	20.13	/	/	<=30	Pass
		Inner_1RB_Left	26.38	/	/	20.58	/	/	<=30	Pass
		Inner_1RB_Right	25.95	/	/	20.15	/	/	<=30	Pass

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CP-OFDM 64 QAM	3730.02	Edge_1RB_Left	25.74	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	25.68	/	/	19.88	/	/	<=30	Pass
		Outer_Full	25.79	/	/	19.99	/	/	<=30	Pass
		Inner_Full	25.67	/	/	19.87	/	/	<=30	Pass
		Inner_1RB_Left	25.92	/	/	20.12	/	/	<=30	Pass
		Inner_1RB_Right	25.61	/	/	19.81	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.77	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	25.39	/	/	19.59	/	/	<=30	Pass
		Outer_Full	25.68	/	/	19.88	/	/	<=30	Pass
		Inner_Full	25.64	/	/	19.84	/	/	<=30	Pass
		Inner_1RB_Left	25.85	/	/	20.05	/	/	<=30	Pass
		Inner_1RB_Right	25.43	/	/	19.63	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	25.74	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	25.23	/	/	19.43	/	/	<=30	Pass
		Outer_Full	25.48	/	/	19.68	/	/	<=30	Pass
		Inner_Full	25.41	/	/	19.61	/	/	<=30	Pass
		Inner_1RB_Left	25.81	/	/	20.01	/	/	<=30	Pass
		Inner_1RB_Right	25.27	/	/	19.47	/	/	<=30	Pass
CP-OFDM 256 QAM	3730.02	Edge_1RB_Left	22.60	/	/	16.80	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	16.64	/	/	<=30	Pass
		Outer_Full	22.88	/	/	17.08	/	/	<=30	Pass
		Inner_Full	22.75	/	/	16.95	/	/	<=30	Pass
		Inner_1RB_Left	22.70	/	/	16.90	/	/	<=30	Pass
		Inner_1RB_Right	22.45	/	/	16.65	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.61	/	/	13.81	/	/	<=30	Pass
		Edge_1RB_Right	19.17	/	/	13.37	/	/	<=30	Pass
		Outer_Full	20.08	/	/	14.28	/	/	<=30	Pass
		Inner_Full	19.62	/	/	13.82	/	/	<=30	Pass
		Inner_1RB_Left	19.65	/	/	13.85	/	/	<=30	Pass
		Inner_1RB_Right	19.19	/	/	13.39	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	22.55	/	/	16.75	/	/	<=30	Pass
		Edge_1RB_Right	21.97	/	/	16.17	/	/	<=30	Pass
		Outer_Full	22.41	/	/	16.61	/	/	<=30	Pass
		Inner_Full	22.45	/	/	16.65	/	/	<=30	Pass
		Inner_1RB_Left	22.51	/	/	16.71	/	/	<=30	Pass
		Inner_1RB_Right	21.99	/	/	16.19	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 30_S_70M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 70MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3735	Edge_1RB_Left	25.80	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	25.49	/	/	19.69	/	/	<=30	Pass
		Outer_Full	26.35	/	/	20.55	/	/	<=30	Pass
		Inner_Full	26.38	/	/	20.58	/	/	<=30	Pass
		Inner_1RB_Left	26.48	/	/	20.68	/	/	<=30	Pass
		Inner_1RB_Right	26.19	/	/	20.39	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.82	/	/	20.02	/	/	<=30	Pass
		Edge_1RB_Right	25.36	/	/	19.56	/	/	<=30	Pass
		Outer_Full	26.25	/	/	20.45	/	/	<=30	Pass
		Inner_Full	26.42	/	/	20.62	/	/	<=30	Pass
		Inner_1RB_Left	26.40	/	/	20.60	/	/	<=30	Pass
		Inner_1RB_Right	26.04	/	/	20.24	/	/	<=30	Pass
	3765	Edge_1RB_Left	25.59	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	25.29	/	/	19.49	/	/	<=30	Pass
		Outer_Full	26.14	/	/	20.34	/	/	<=30	Pass
		Inner_Full	26.27	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Left	26.38	/	/	20.58	/	/	<=30	Pass
		Inner_1RB_Right	25.93	/	/	20.13	/	/	<=30	Pass

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Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China
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DFT-s-OFDM QPSK	3735	Edge_1RB_Left	25.82	/	/	20.02	/	/	<=30	Pass
		Edge_1RB_Right	25.53	/	/	19.73	/	/	<=30	Pass
		Outer_Full	26.27	/	/	20.47	/	/	<=30	Pass
		Inner_Full	26.43	/	/	20.63	/	/	<=30	Pass
		Inner_1RB_Left	26.47	/	/	20.67	/	/	<=30	Pass
		Inner_1RB_Right	26.09	/	/	20.29	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.78	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	25.33	/	/	19.53	/	/	<=30	Pass
		Outer_Full	26.19	/	/	20.39	/	/	<=30	Pass
		Inner_Full	26.28	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Left	26.33	/	/	20.53	/	/	<=30	Pass
		Inner_1RB_Right	25.86	/	/	20.06	/	/	<=30	Pass
	3765	Edge_1RB_Left	25.71	/	/	19.91	/	/	<=30	Pass
		Edge_1RB_Right	25.16	/	/	19.36	/	/	<=30	Pass
		Outer_Full	26.06	/	/	20.26	/	/	<=30	Pass
		Inner_Full	26.10	/	/	20.30	/	/	<=30	Pass
		Inner_1RB_Left	26.25	/	/	20.45	/	/	<=30	Pass
		Inner_1RB_Right	25.81	/	/	20.01	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3735	Edge_1RB_Left	25.93	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	25.63	/	/	19.83	/	/	<=30	Pass
		Outer_Full	26.09	/	/	20.29	/	/	<=30	Pass
		Inner_Full	26.27	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Left	26.36	/	/	20.56	/	/	<=30	Pass
		Inner_1RB_Right	25.96	/	/	20.16	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.85	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	25.37	/	/	19.57	/	/	<=30	Pass
		Outer_Full	26.26	/	/	20.46	/	/	<=30	Pass
		Inner_Full	26.19	/	/	20.39	/	/	<=30	Pass
		Inner_1RB_Left	26.39	/	/	20.60	/	/	<=30	Pass
		Inner_1RB_Right	25.95	/	/	20.15	/	/	<=30	Pass
	3765	Edge_1RB_Left	25.82	/	/	20.02	/	/	<=30	Pass
		Edge_1RB_Right	25.32	/	/	19.52	/	/	<=30	Pass
		Outer_Full	25.99	/	/	20.19	/	/	<=30	Pass
		Inner_Full	26.03	/	/	20.23	/	/	<=30	Pass
		Inner_1RB_Left	26.36	/	/	20.56	/	/	<=30	Pass
		Inner_1RB_Right	25.81	/	/	20.01	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3735	Edge_1RB_Left	25.86	/	/	20.06	/	/	<=30	Pass
		Edge_1RB_Right	25.51	/	/	19.71	/	/	<=30	Pass
		Outer_Full	26.20	/	/	20.40	/	/	<=30	Pass
		Inner_Full	26.20	/	/	20.40	/	/	<=30	Pass
		Inner_1RB_Left	26.62	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Right	26.21	/	/	20.41	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.80	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	25.32	/	/	19.52	/	/	<=30	Pass
		Outer_Full	26.13	/	/	20.33	/	/	<=30	Pass
		Inner_Full	26.16	/	/	20.36	/	/	<=30	Pass
		Inner_1RB_Left	26.34	/	/	20.54	/	/	<=30	Pass
		Inner_1RB_Right	25.84	/	/	20.04	/	/	<=30	Pass
	3765	Edge_1RB_Left	25.84	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	25.24	/	/	19.44	/	/	<=30	Pass
		Outer_Full	26.15	/	/	20.35	/	/	<=30	Pass
		Inner_Full	25.94	/	/	20.14	/	/	<=30	Pass
		Inner_1RB_Left	26.26	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Right	25.72	/	/	19.92	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3735	Edge_1RB_Left	24.66	/	/	18.86	/	/	<=30	Pass
		Edge_1RB_Right	24.34	/	/	18.54	/	/	<=30	Pass
		Outer_Full	24.73	/	/	18.93	/	/	<=30	Pass
		Inner_Full	24.77	/	/	18.97	/	/	<=30	Pass
		Inner_1RB_Left	24.62	/	/	18.82	/	/	<=30	Pass
		Inner_1RB_Right	24.30	/	/	18.50	/	/	<=30	Pass
	3750	Edge_1RB_Left	24.64	/	/	18.84	/	/	<=30	Pass
		Edge_1RB_Right	24.12	/	/	18.32	/	/	<=30	Pass

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		Outer_Full	24.70	/	/	18.90	/	/	<=30	Pass
		Inner_Full	24.79	/	/	18.99	/	/	<=30	Pass
		Inner_1RB_Left	24.67	/	/	18.87	/	/	<=30	Pass
		Inner_1RB_Right	24.17	/	/	18.37	/	/	<=30	Pass
	3765	Edge_1RB_Left	24.63	/	/	18.83	/	/	<=30	Pass
		Edge_1RB_Right	24.11	/	/	18.31	/	/	<=30	Pass
		Outer_Full	24.54	/	/	18.74	/	/	<=30	Pass
		Inner_Full	24.52	/	/	18.72	/	/	<=30	Pass
		Inner_1RB_Left	24.58	/	/	18.78	/	/	<=30	Pass
		Inner_1RB_Right	24.16	/	/	18.36	/	/	<=30	Pass
CP-OFDM QPSK	3735	Edge_1RB_Left	25.95	/	/	20.15	/	/	<=30	Pass
		Edge_1RB_Right	25.73	/	/	19.93	/	/	<=30	Pass
		Outer_Full	26.32	/	/	20.52	/	/	<=30	Pass
		Inner_Full	26.25	/	/	20.45	/	/	<=30	Pass
		Inner_1RB_Left	26.57	/	/	20.77	/	/	<=30	Pass
		Inner_1RB_Right	26.24	/	/	20.44	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.97	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	25.55	/	/	19.75	/	/	<=30	Pass
		Outer_Full	26.23	/	/	20.43	/	/	<=30	Pass
		Inner_Full	26.45	/	/	20.65	/	/	<=30	Pass
		Inner_1RB_Left	26.54	/	/	20.74	/	/	<=30	Pass
		Inner_1RB_Right	26.02	/	/	20.22	/	/	<=30	Pass
	3765	Edge_1RB_Left	25.81	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Right	25.42	/	/	19.62	/	/	<=30	Pass
		Outer_Full	26.16	/	/	20.36	/	/	<=30	Pass
		Inner_Full	25.79	/	/	19.99	/	/	<=30	Pass
		Inner_1RB_Left	26.61	/	/	20.81	/	/	<=30	Pass
		Inner_1RB_Right	25.96	/	/	20.16	/	/	<=30	Pass
CP-OFDM 16 QAM	3735	Edge_1RB_Left	26.02	/	/	20.22	/	/	<=30	Pass
		Edge_1RB_Right	25.79	/	/	19.99	/	/	<=30	Pass
		Outer_Full	26.21	/	/	20.41	/	/	<=30	Pass
		Inner_Full	26.31	/	/	20.51	/	/	<=30	Pass
		Inner_1RB_Left	26.61	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Right	26.20	/	/	20.40	/	/	<=30	Pass
	3750	Edge_1RB_Left	26.06	/	/	20.26	/	/	<=30	Pass
		Edge_1RB_Right	25.61	/	/	19.81	/	/	<=30	Pass
		Outer_Full	26.27	/	/	20.47	/	/	<=30	Pass
		Inner_Full	26.21	/	/	20.41	/	/	<=30	Pass
		Inner_1RB_Left	26.54	/	/	20.74	/	/	<=30	Pass
		Inner_1RB_Right	26.11	/	/	20.31	/	/	<=30	Pass
	3765	Edge_1RB_Left	26.02	/	/	20.22	/	/	<=30	Pass
		Edge_1RB_Right	25.51	/	/	19.71	/	/	<=30	Pass
		Outer_Full	26.00	/	/	20.20	/	/	<=30	Pass
		Inner_Full	26.02	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Left	26.48	/	/	20.68	/	/	<=30	Pass
		Inner_1RB_Right	25.94	/	/	20.14	/	/	<=30	Pass
CP-OFDM 64 QAM	3735	Edge_1RB_Left	25.97	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	25.62	/	/	19.82	/	/	<=30	Pass
		Outer_Full	25.83	/	/	20.03	/	/	<=30	Pass
		Inner_Full	25.73	/	/	19.93	/	/	<=30	Pass
		Inner_1RB_Left	26.02	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Right	25.63	/	/	19.83	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.88	/	/	20.08	/	/	<=30	Pass
		Edge_1RB_Right	25.50	/	/	19.70	/	/	<=30	Pass
		Outer_Full	25.80	/	/	20.00	/	/	<=30	Pass
		Inner_Full	25.76	/	/	19.96	/	/	<=30	Pass
		Inner_1RB_Left	25.91	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Right	25.50	/	/	19.70	/	/	<=30	Pass
	3765	Edge_1RB_Left	25.81	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Right	25.41	/	/	19.61	/	/	<=30	Pass
		Outer_Full	25.63	/	/	19.83	/	/	<=30	Pass
		Inner_Full	25.68	/	/	19.88	/	/	<=30	Pass

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		Inner_1RB_Left	25.85	/	/	20.05	/	/	<=30	Pass
		Inner_1RB_Right	25.42	/	/	19.62	/	/	<=30	Pass
CP-OFDM 256 QAM	3735	Edge_1RB_Left	22.63	/	/	16.83	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	16.54	/	/	<=30	Pass
		Outer_Full	22.73	/	/	16.93	/	/	<=30	Pass
		Inner_Full	22.81	/	/	17.01	/	/	<=30	Pass
		Inner_1RB_Left	22.69	/	/	16.89	/	/	<=30	Pass
		Inner_1RB_Right	22.42	/	/	16.62	/	/	<=30	Pass
		Edge_1RB_Left	22.66	/	/	16.86	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	16.59	/	/	<=30	Pass
	3750	Outer_Full	22.60	/	/	16.80	/	/	<=30	Pass
		Inner_Full	22.79	/	/	16.99	/	/	<=30	Pass
		Inner_1RB_Left	22.79	/	/	16.99	/	/	<=30	Pass
		Inner_1RB_Right	22.37	/	/	16.57	/	/	<=30	Pass
		Edge_1RB_Left	22.62	/	/	16.82	/	/	<=30	Pass
		Edge_1RB_Right	22.18	/	/	16.38	/	/	<=30	Pass
	3765	Outer_Full	22.63	/	/	16.83	/	/	<=30	Pass
		Inner_Full	22.59	/	/	16.79	/	/	<=30	Pass
Inner_1RB_Left		22.65	/	/	16.85	/	/	<=30	Pass	
Inner_1RB_Right		22.16	/	/	16.36	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 30_S_80M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3740.01	Edge_1RB_Left	25.93	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	25.49	/	/	19.69	/	/	<=30	Pass
		Outer_Full	26.22	/	/	20.42	/	/	<=30	Pass
		Inner_Full	26.37	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Left	26.52	/	/	20.72	/	/	<=30	Pass
		Inner_1RB_Right	26.09	/	/	20.29	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.81	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Right	25.38	/	/	19.58	/	/	<=30	Pass
		Outer_Full	26.32	/	/	20.52	/	/	<=30	Pass
		Inner_Full	26.37	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Left	26.42	/	/	20.62	/	/	<=30	Pass
		Inner_1RB_Right	25.98	/	/	20.18	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	25.78	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	25.20	/	/	19.40	/	/	<=30	Pass
		Outer_Full	26.19	/	/	20.39	/	/	<=30	Pass
		Inner_Full	26.34	/	/	20.54	/	/	<=30	Pass
		Inner_1RB_Left	26.43	/	/	20.63	/	/	<=30	Pass
		Inner_1RB_Right	25.83	/	/	20.03	/	/	<=30	Pass
DFT-s-OFDM QPSK	3740.01	Edge_1RB_Left	25.90	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Right	25.48	/	/	19.68	/	/	<=30	Pass
		Outer_Full	26.21	/	/	20.41	/	/	<=30	Pass
		Inner_Full	26.34	/	/	20.55	/	/	<=30	Pass
		Inner_1RB_Left	26.46	/	/	20.66	/	/	<=30	Pass
		Inner_1RB_Right	26.13	/	/	20.33	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.86	/	/	20.06	/	/	<=30	Pass
		Edge_1RB_Right	25.34	/	/	19.54	/	/	<=30	Pass
		Outer_Full	26.27	/	/	20.47	/	/	<=30	Pass
		Inner_Full	26.36	/	/	20.56	/	/	<=30	Pass
		Inner_1RB_Left	26.49	/	/	20.69	/	/	<=30	Pass
		Inner_1RB_Right	26.01	/	/	20.21	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	25.82	/	/	20.02	/	/	<=30	Pass
		Edge_1RB_Right	25.14	/	/	19.34	/	/	<=30	Pass
		Outer_Full	26.20	/	/	20.40	/	/	<=30	Pass
		Inner_Full	26.17	/	/	20.37	/	/	<=30	Pass

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DFT-s-OFDM 16 QAM		Inner_1RB_Left	26.34	/	/	20.54	/	/	<=30	Pass
		Inner_1RB_Right	25.82	/	/	20.02	/	/	<=30	Pass
	3740.01	Edge_1RB_Left	25.96	/	/	20.16	/	/	<=30	Pass
		Edge_1RB_Right	25.49	/	/	19.69	/	/	<=30	Pass
		Outer_Full	26.21	/	/	20.41	/	/	<=30	Pass
		Inner_Full	26.21	/	/	20.41	/	/	<=30	Pass
		Inner_1RB_Left	26.43	/	/	20.63	/	/	<=30	Pass
		Inner_1RB_Right	26.10	/	/	20.30	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.97	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	25.45	/	/	19.65	/	/	<=30	Pass
		Outer_Full	26.16	/	/	20.36	/	/	<=30	Pass
		Inner_Full	26.17	/	/	20.37	/	/	<=30	Pass
		Inner_1RB_Left	26.45	/	/	20.65	/	/	<=30	Pass
		Inner_1RB_Right	25.94	/	/	20.14	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	25.91	/	/	20.11	/	/	<=30	Pass
		Edge_1RB_Right	25.35	/	/	19.55	/	/	<=30	Pass
		Outer_Full	26.12	/	/	20.33	/	/	<=30	Pass
		Inner_Full	26.03	/	/	20.23	/	/	<=30	Pass
		Inner_1RB_Left	26.47	/	/	20.67	/	/	<=30	Pass
		Inner_1RB_Right	25.84	/	/	20.04	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3740.01	Edge_1RB_Left	25.91	/	/	20.11	/	/	<=30	Pass
		Edge_1RB_Right	25.54	/	/	19.74	/	/	<=30	Pass
		Outer_Full	26.20	/	/	20.40	/	/	<=30	Pass
		Inner_Full	26.25	/	/	20.45	/	/	<=30	Pass
		Inner_1RB_Left	26.46	/	/	20.66	/	/	<=30	Pass
		Inner_1RB_Right	26.07	/	/	20.27	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.80	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	25.34	/	/	19.54	/	/	<=30	Pass
		Outer_Full	26.16	/	/	20.36	/	/	<=30	Pass
		Inner_Full	26.11	/	/	20.31	/	/	<=30	Pass
		Inner_1RB_Left	26.44	/	/	20.64	/	/	<=30	Pass
		Inner_1RB_Right	25.89	/	/	20.09	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	25.78	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	25.20	/	/	19.40	/	/	<=30	Pass
		Outer_Full	26.27	/	/	20.47	/	/	<=30	Pass
		Inner_Full	26.06	/	/	20.26	/	/	<=30	Pass
		Inner_1RB_Left	26.26	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Right	25.67	/	/	19.87	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3740.01	Edge_1RB_Left	24.60	/	/	18.80	/	/	<=30	Pass
		Edge_1RB_Right	24.14	/	/	18.34	/	/	<=30	Pass
		Outer_Full	24.72	/	/	18.92	/	/	<=30	Pass
		Inner_Full	24.78	/	/	18.98	/	/	<=30	Pass
		Inner_1RB_Left	24.64	/	/	18.85	/	/	<=30	Pass
		Inner_1RB_Right	24.28	/	/	18.48	/	/	<=30	Pass
	3750	Edge_1RB_Left	24.73	/	/	18.93	/	/	<=30	Pass
		Edge_1RB_Right	24.20	/	/	18.40	/	/	<=30	Pass
		Outer_Full	24.62	/	/	18.82	/	/	<=30	Pass
		Inner_Full	24.62	/	/	18.82	/	/	<=30	Pass
		Inner_1RB_Left	24.55	/	/	18.76	/	/	<=30	Pass
		Inner_1RB_Right	24.26	/	/	18.46	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	24.65	/	/	18.85	/	/	<=30	Pass
		Edge_1RB_Right	24.03	/	/	18.23	/	/	<=30	Pass
		Outer_Full	24.61	/	/	18.81	/	/	<=30	Pass
		Inner_Full	24.70	/	/	18.90	/	/	<=30	Pass
		Inner_1RB_Left	24.64	/	/	18.84	/	/	<=30	Pass
		Inner_1RB_Right	24.18	/	/	18.38	/	/	<=30	Pass
CP-OFDM QPSK	3740.01	Edge_1RB_Left	25.97	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	25.63	/	/	19.83	/	/	<=30	Pass
		Outer_Full	26.25	/	/	20.45	/	/	<=30	Pass
		Inner_Full	26.21	/	/	20.41	/	/	<=30	Pass
		Inner_1RB_Left	26.55	/	/	20.75	/	/	<=30	Pass
		Inner_1RB_Right	26.23	/	/	20.43	/	/	<=30	Pass

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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	3750	Edge_1RB_Left	25.92	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	25.36	/	/	19.56	/	/	<=30	Pass
		Outer_Full	26.18	/	/	20.38	/	/	<=30	Pass
		Inner_Full	26.23	/	/	20.43	/	/	<=30	Pass
		Inner_1RB_Left	26.61	/	/	20.81	/	/	<=30	Pass
		Inner_1RB_Right	26.06	/	/	20.26	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	25.88	/	/	20.08	/	/	<=30	Pass
		Edge_1RB_Right	25.43	/	/	19.63	/	/	<=30	Pass
		Outer_Full	26.04	/	/	20.24	/	/	<=30	Pass
		Inner_Full	26.12	/	/	20.33	/	/	<=30	Pass
		Inner_1RB_Left	26.55	/	/	20.75	/	/	<=30	Pass
		Inner_1RB_Right	25.98	/	/	20.18	/	/	<=30	Pass
CP-OFDM 16 QAM	3740.01	Edge_1RB_Left	26.02	/	/	20.22	/	/	<=30	Pass
		Edge_1RB_Right	25.62	/	/	19.82	/	/	<=30	Pass
		Outer_Full	26.20	/	/	20.40	/	/	<=30	Pass
		Inner_Full	26.33	/	/	20.53	/	/	<=30	Pass
		Inner_1RB_Left	26.61	/	/	20.81	/	/	<=30	Pass
		Inner_1RB_Right	26.06	/	/	20.26	/	/	<=30	Pass
	3750	Edge_1RB_Left	26.02	/	/	20.22	/	/	<=30	Pass
		Edge_1RB_Right	25.57	/	/	19.77	/	/	<=30	Pass
		Outer_Full	26.24	/	/	20.44	/	/	<=30	Pass
		Inner_Full	26.29	/	/	20.49	/	/	<=30	Pass
		Inner_1RB_Left	26.49	/	/	20.69	/	/	<=30	Pass
		Inner_1RB_Right	26.14	/	/	20.34	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	25.99	/	/	20.19	/	/	<=30	Pass
		Edge_1RB_Right	25.53	/	/	19.73	/	/	<=30	Pass
		Outer_Full	26.22	/	/	20.42	/	/	<=30	Pass
		Inner_Full	26.17	/	/	20.37	/	/	<=30	Pass
		Inner_1RB_Left	26.58	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Right	25.91	/	/	20.11	/	/	<=30	Pass
CP-OFDM 64 QAM	3740.01	Edge_1RB_Left	25.88	/	/	20.08	/	/	<=30	Pass
		Edge_1RB_Right	25.63	/	/	19.83	/	/	<=30	Pass
		Outer_Full	25.86	/	/	20.06	/	/	<=30	Pass
		Inner_Full	25.78	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Left	26.05	/	/	20.25	/	/	<=30	Pass
		Inner_1RB_Right	25.67	/	/	19.87	/	/	<=30	Pass
	3750	Edge_1RB_Left	25.96	/	/	20.16	/	/	<=30	Pass
		Edge_1RB_Right	25.52	/	/	19.72	/	/	<=30	Pass
		Outer_Full	25.67	/	/	19.87	/	/	<=30	Pass
		Inner_Full	25.77	/	/	19.97	/	/	<=30	Pass
		Inner_1RB_Left	26.01	/	/	20.21	/	/	<=30	Pass
		Inner_1RB_Right	25.46	/	/	19.66	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	25.98	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Right	25.34	/	/	19.54	/	/	<=30	Pass
		Outer_Full	25.64	/	/	19.84	/	/	<=30	Pass
		Inner_Full	25.67	/	/	19.87	/	/	<=30	Pass
		Inner_1RB_Left	25.96	/	/	20.16	/	/	<=30	Pass
		Inner_1RB_Right	25.40	/	/	19.60	/	/	<=30	Pass
CP-OFDM 256 QAM	3740.01	Edge_1RB_Left	22.68	/	/	16.88	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	16.55	/	/	<=30	Pass
		Outer_Full	22.78	/	/	16.98	/	/	<=30	Pass
		Inner_Full	22.79	/	/	16.99	/	/	<=30	Pass
		Inner_1RB_Left	22.74	/	/	16.94	/	/	<=30	Pass
		Inner_1RB_Right	22.37	/	/	16.57	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.59	/	/	16.79	/	/	<=30	Pass
		Edge_1RB_Right	22.14	/	/	16.34	/	/	<=30	Pass
		Outer_Full	22.76	/	/	16.96	/	/	<=30	Pass
		Inner_Full	22.76	/	/	16.96	/	/	<=30	Pass
		Inner_1RB_Left	22.65	/	/	16.85	/	/	<=30	Pass
		Inner_1RB_Right	22.18	/	/	16.38	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.60	/	/	16.80	/	/	<=30	Pass
		Edge_1RB_Right	22.06	/	/	16.26	/	/	<=30	Pass

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Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

		Outer_Full	22.73	/	/	16.93	/	/	<=30	Pass
		Inner_Full	22.72	/	/	16.92	/	/	<=30	Pass
		Inner_1RB_Left	22.66	/	/	16.86	/	/	<=30	Pass
		Inner_1RB_Right	22.20	/	/	16.40	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30_S_90M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3745.02	Edge_1RB_Left	26.07	/	/	20.27	/	/	<=30	Pass
		Edge_1RB_Right	25.61	/	/	19.81	/	/	<=30	Pass
		Outer_Full	26.36	/	/	20.56	/	/	<=30	Pass
		Inner_Full	26.35	/	/	20.55	/	/	<=30	Pass
		Inner_1RB_Left	26.66	/	/	20.87	/	/	<=30	Pass
		Inner_1RB_Right	26.10	/	/	20.30	/	/	<=30	Pass
	3750	Edge_1RB_Left	26.10	/	/	20.30	/	/	<=30	Pass
		Edge_1RB_Right	25.57	/	/	19.77	/	/	<=30	Pass
		Outer_Full	26.23	/	/	20.43	/	/	<=30	Pass
		Inner_Full	26.31	/	/	20.51	/	/	<=30	Pass
	3754.98	Inner_1RB_Left	26.59	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Right	26.10	/	/	20.30	/	/	<=30	Pass
		Edge_1RB_Left	26.02	/	/	20.22	/	/	<=30	Pass
		Edge_1RB_Right	25.55	/	/	19.75	/	/	<=30	Pass
		Outer_Full	26.25	/	/	20.45	/	/	<=30	Pass
		Inner_Full	26.40	/	/	20.60	/	/	<=30	Pass
DFT-s-OFDM QPSK	3745.02	Inner_1RB_Left	26.65	/	/	20.85	/	/	<=30	Pass
		Inner_1RB_Right	26.10	/	/	20.30	/	/	<=30	Pass
		Edge_1RB_Left	26.15	/	/	20.35	/	/	<=30	Pass
		Edge_1RB_Right	25.58	/	/	19.78	/	/	<=30	Pass
		Outer_Full	26.32	/	/	20.52	/	/	<=30	Pass
		Inner_Full	26.24	/	/	20.44	/	/	<=30	Pass
	3750	Inner_1RB_Left	26.59	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Right	26.11	/	/	20.31	/	/	<=30	Pass
		Edge_1RB_Left	26.19	/	/	20.39	/	/	<=30	Pass
		Edge_1RB_Right	25.60	/	/	19.80	/	/	<=30	Pass
		Outer_Full	26.31	/	/	20.51	/	/	<=30	Pass
		Inner_Full	26.35	/	/	20.55	/	/	<=30	Pass
	3754.98	Inner_1RB_Left	26.72	/	/	20.92	/	/	<=30	Pass
		Inner_1RB_Right	26.06	/	/	20.26	/	/	<=30	Pass
		Edge_1RB_Left	26.05	/	/	20.25	/	/	<=30	Pass
		Edge_1RB_Right	25.41	/	/	19.61	/	/	<=30	Pass
		Outer_Full	26.37	/	/	20.57	/	/	<=30	Pass
		Inner_Full	26.32	/	/	20.52	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3745.02	Inner_1RB_Left	26.50	/	/	20.70	/	/	<=30	Pass
		Inner_1RB_Right	25.96	/	/	20.16	/	/	<=30	Pass
		Edge_1RB_Left	26.10	/	/	20.30	/	/	<=30	Pass
		Edge_1RB_Right	25.51	/	/	19.71	/	/	<=30	Pass
		Outer_Full	26.30	/	/	20.50	/	/	<=30	Pass
		Inner_Full	26.08	/	/	20.28	/	/	<=30	Pass
	3750	Inner_1RB_Left	26.58	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Right	26.10	/	/	20.30	/	/	<=30	Pass
		Edge_1RB_Left	26.09	/	/	20.29	/	/	<=30	Pass
		Edge_1RB_Right	25.49	/	/	19.69	/	/	<=30	Pass
		Outer_Full	26.27	/	/	20.47	/	/	<=30	Pass
		Inner_Full	26.17	/	/	20.37	/	/	<=30	Pass
	3754.98	Inner_1RB_Left	26.59	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Right	26.11	/	/	20.31	/	/	<=30	Pass
		Edge_1RB_Left	26.10	/	/	20.30	/	/	<=30	Pass
		Edge_1RB_Right	25.49	/	/	19.69	/	/	<=30	Pass



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Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China
Tel: +86 0755 23080694

DFT-s-OFDM 64 QAM		Outer_Full	26.20	/	/	20.40	/	/	<=30	Pass
		Inner_Full	26.07	/	/	20.27	/	/	<=30	Pass
		Inner_1RB_Left	26.55	/	/	20.76	/	/	<=30	Pass
		Inner_1RB_Right	26.00	/	/	20.20	/	/	<=30	Pass
	3745.02	Edge_1RB_Left	26.03	/	/	20.23	/	/	<=30	Pass
		Edge_1RB_Right	25.52	/	/	19.72	/	/	<=30	Pass
		Outer_Full	26.25	/	/	20.45	/	/	<=30	Pass
		Inner_Full	26.19	/	/	20.39	/	/	<=30	Pass
	3750	Inner_1RB_Left	26.59	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Right	26.07	/	/	20.27	/	/	<=30	Pass
		Edge_1RB_Left	26.00	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	25.46	/	/	19.66	/	/	<=30	Pass
	3754.98	Outer_Full	26.20	/	/	20.40	/	/	<=30	Pass
		Inner_Full	26.11	/	/	20.31	/	/	<=30	Pass
		Inner_1RB_Left	26.60	/	/	20.80	/	/	<=30	Pass
		Inner_1RB_Right	25.96	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Left	25.99	/	/	20.19	/	/	<=30	Pass
		Edge_1RB_Right	25.39	/	/	19.59	/	/	<=30	Pass
		Outer_Full	26.22	/	/	20.42	/	/	<=30	Pass
		Inner_Full	26.16	/	/	20.36	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3745.02	Inner_1RB_Left	26.48	/	/	20.68	/	/	<=30	Pass
		Inner_1RB_Right	25.90	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Left	24.68	/	/	18.88	/	/	<=30	Pass
		Edge_1RB_Right	24.27	/	/	18.47	/	/	<=30	Pass
		Outer_Full	24.79	/	/	18.99	/	/	<=30	Pass
		Inner_Full	24.75	/	/	18.95	/	/	<=30	Pass
	3750	Inner_1RB_Left	24.82	/	/	19.02	/	/	<=30	Pass
		Inner_1RB_Right	24.32	/	/	18.52	/	/	<=30	Pass
		Edge_1RB_Left	24.80	/	/	19.00	/	/	<=30	Pass
		Edge_1RB_Right	24.25	/	/	18.45	/	/	<=30	Pass
		Outer_Full	24.71	/	/	18.91	/	/	<=30	Pass
		Inner_Full	24.71	/	/	18.91	/	/	<=30	Pass
	3754.98	Inner_1RB_Left	24.84	/	/	19.04	/	/	<=30	Pass
		Inner_1RB_Right	24.29	/	/	18.49	/	/	<=30	Pass
		Edge_1RB_Left	24.73	/	/	18.93	/	/	<=30	Pass
		Edge_1RB_Right	24.19	/	/	18.39	/	/	<=30	Pass
		Outer_Full	24.66	/	/	18.86	/	/	<=30	Pass
		Inner_Full	24.80	/	/	19.00	/	/	<=30	Pass
CP-OFDM QPSK	3745.02	Inner_1RB_Left	24.68	/	/	18.88	/	/	<=30	Pass
		Inner_1RB_Right	24.26	/	/	18.46	/	/	<=30	Pass
		Edge_1RB_Left	26.11	/	/	20.31	/	/	<=30	Pass
		Edge_1RB_Right	25.68	/	/	19.88	/	/	<=30	Pass
		Outer_Full	26.31	/	/	20.51	/	/	<=30	Pass
		Inner_Full	26.25	/	/	20.45	/	/	<=30	Pass
	3750	Inner_1RB_Left	26.63	/	/	20.83	/	/	<=30	Pass
		Inner_1RB_Right	26.10	/	/	20.30	/	/	<=30	Pass
		Edge_1RB_Left	26.13	/	/	20.33	/	/	<=30	Pass
		Edge_1RB_Right	25.64	/	/	19.84	/	/	<=30	Pass
		Outer_Full	26.13	/	/	20.33	/	/	<=30	Pass
		Inner_Full	26.27	/	/	20.47	/	/	<=30	Pass
	3754.98	Inner_1RB_Left	26.78	/	/	20.98	/	/	<=30	Pass
		Inner_1RB_Right	26.11	/	/	20.31	/	/	<=30	Pass
		Edge_1RB_Left	26.17	/	/	20.37	/	/	<=30	Pass
		Edge_1RB_Right	25.59	/	/	19.79	/	/	<=30	Pass
		Outer_Full	26.18	/	/	20.38	/	/	<=30	Pass
		Inner_Full	26.14	/	/	20.34	/	/	<=30	Pass
CP-OFDM 16 QAM	3745.02	Inner_1RB_Left	26.81	/	/	21.01	/	/	<=30	Pass
		Inner_1RB_Right	26.26	/	/	20.46	/	/	<=30	Pass
		Edge_1RB_Left	26.21	/	/	20.41	/	/	<=30	Pass
		Edge_1RB_Right	25.81	/	/	20.01	/	/	<=30	Pass
		Outer_Full	26.37	/	/	20.57	/	/	<=30	Pass
		Inner_Full	26.17	/	/	20.37	/	/	<=30	Pass

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CP-OFDM 64 QAM		Inner_1RB_Left	26.78	/	/	20.98	/	/	<=30	Pass
		Inner_1RB_Right	26.31	/	/	20.51	/	/	<=30	Pass
	3750	Edge_1RB_Left	26.14	/	/	20.34	/	/	<=30	Pass
		Edge_1RB_Right	25.62	/	/	19.82	/	/	<=30	Pass
		Outer_Full	26.28	/	/	20.48	/	/	<=30	Pass
		Inner_Full	26.12	/	/	20.32	/	/	<=30	Pass
		Inner_1RB_Left	26.74	/	/	20.94	/	/	<=30	Pass
		Inner_1RB_Right	26.15	/	/	20.35	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	26.16	/	/	20.36	/	/	<=30	Pass
		Edge_1RB_Right	25.57	/	/	19.77	/	/	<=30	Pass
		Outer_Full	26.28	/	/	20.48	/	/	<=30	Pass
		Inner_Full	26.10	/	/	20.30	/	/	<=30	Pass
		Inner_1RB_Left	26.75	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Right	26.11	/	/	20.31	/	/	<=30	Pass
CP-OFDM 256 QAM	3745.02	Edge_1RB_Left	26.20	/	/	20.40	/	/	<=30	Pass
		Edge_1RB_Right	25.68	/	/	19.88	/	/	<=30	Pass
		Outer_Full	25.80	/	/	20.01	/	/	<=30	Pass
		Inner_Full	25.80	/	/	20.00	/	/	<=30	Pass
		Inner_1RB_Left	26.28	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Right	25.70	/	/	19.90	/	/	<=30	Pass
	3750	Edge_1RB_Left	26.14	/	/	20.34	/	/	<=30	Pass
		Edge_1RB_Right	25.61	/	/	19.81	/	/	<=30	Pass
		Outer_Full	25.86	/	/	20.06	/	/	<=30	Pass
		Inner_Full	25.62	/	/	19.82	/	/	<=30	Pass
		Inner_1RB_Left	26.22	/	/	20.42	/	/	<=30	Pass
		Inner_1RB_Right	25.75	/	/	19.95	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	26.18	/	/	20.38	/	/	<=30	Pass
		Edge_1RB_Right	25.62	/	/	19.82	/	/	<=30	Pass
		Outer_Full	25.73	/	/	19.93	/	/	<=30	Pass
		Inner_Full	25.60	/	/	19.80	/	/	<=30	Pass
		Inner_1RB_Left	26.24	/	/	20.44	/	/	<=30	Pass
		Inner_1RB_Right	25.66	/	/	19.86	/	/	<=30	Pass
CP-OFDM 256 QAM	3745.02	Edge_1RB_Left	22.63	/	/	16.83	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	16.59	/	/	<=30	Pass
		Outer_Full	22.89	/	/	17.09	/	/	<=30	Pass
		Inner_Full	22.82	/	/	17.02	/	/	<=30	Pass
		Inner_1RB_Left	22.81	/	/	17.01	/	/	<=30	Pass
		Inner_1RB_Right	22.31	/	/	16.51	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.85	/	/	17.05	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	16.52	/	/	<=30	Pass
		Outer_Full	22.82	/	/	17.02	/	/	<=30	Pass
		Inner_Full	22.41	/	/	16.61	/	/	<=30	Pass
		Inner_1RB_Left	22.84	/	/	17.04	/	/	<=30	Pass
		Inner_1RB_Right	22.31	/	/	16.51	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	22.80	/	/	17.00	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	16.44	/	/	<=30	Pass
		Outer_Full	22.65	/	/	16.85	/	/	<=30	Pass
		Inner_Full	22.59	/	/	16.79	/	/	<=30	Pass
		Inner_1RB_Left	22.88	/	/	17.08	/	/	<=30	Pass
		Inner_1RB_Right	22.28	/	/	16.48	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.10 30_S_100M_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 100MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Edge_1RB_Left	26.02	/	/	20.22	/	/	<=30	Pass
		Edge_1RB_Right	25.43	/	/	19.63	/	/	<=30	Pass
		Outer_Full	26.25	/	/	20.45	/	/	<=30	Pass
		Inner_Full	26.32	/	/	20.52	/	/	<=30	Pass

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Tel: +86 0755 23080694

		Inner_1RB_Left	26.61	/	/	20.81	/	/	<=30	Pass
		Inner_1RB_Right	26.04	/	/	20.24	/	/	<=30	Pass
DFT-s-OFDM QPSK	3750	Edge_1RB_Left	25.97	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	25.40	/	/	19.60	/	/	<=30	Pass
		Outer_Full	26.32	/	/	20.53	/	/	<=30	Pass
		Inner_Full	26.11	/	/	20.31	/	/	<=30	Pass
		Inner_1RB_Left	26.60	/	/	20.80	/	/	<=30	Pass
		Inner_1RB_Right	25.96	/	/	20.16	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Edge_1RB_Left	26.13	/	/	20.33	/	/	<=30	Pass
		Edge_1RB_Right	25.47	/	/	19.67	/	/	<=30	Pass
		Outer_Full	26.21	/	/	20.41	/	/	<=30	Pass
		Inner_Full	26.04	/	/	20.24	/	/	<=30	Pass
		Inner_1RB_Left	26.58	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Right	26.07	/	/	20.27	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3750	Edge_1RB_Left	26.04	/	/	20.24	/	/	<=30	Pass
		Edge_1RB_Right	25.41	/	/	19.61	/	/	<=30	Pass
		Outer_Full	26.17	/	/	20.37	/	/	<=30	Pass
		Inner_Full	26.19	/	/	20.39	/	/	<=30	Pass
		Inner_1RB_Left	26.44	/	/	20.64	/	/	<=30	Pass
		Inner_1RB_Right	25.88	/	/	20.08	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3750	Edge_1RB_Left	24.74	/	/	18.94	/	/	<=30	Pass
		Edge_1RB_Right	24.23	/	/	18.43	/	/	<=30	Pass
		Outer_Full	24.68	/	/	18.88	/	/	<=30	Pass
		Inner_Full	24.68	/	/	18.88	/	/	<=30	Pass
		Inner_1RB_Left	24.78	/	/	18.98	/	/	<=30	Pass
		Inner_1RB_Right	24.28	/	/	18.48	/	/	<=30	Pass
CP-OFDM QPSK	3750	Edge_1RB_Left	26.02	/	/	20.22	/	/	<=30	Pass
		Edge_1RB_Right	25.54	/	/	19.74	/	/	<=30	Pass
		Outer_Full	26.32	/	/	20.52	/	/	<=30	Pass
		Inner_Full	26.02	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Left	26.95	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Right	26.27	/	/	20.47	/	/	<=30	Pass
CP-OFDM 16 QAM	3750	Edge_1RB_Left	26.05	/	/	20.25	/	/	<=30	Pass
		Edge_1RB_Right	25.53	/	/	19.73	/	/	<=30	Pass
		Outer_Full	26.25	/	/	20.45	/	/	<=30	Pass
		Inner_Full	26.21	/	/	20.41	/	/	<=30	Pass
		Inner_1RB_Left	26.61	/	/	20.81	/	/	<=30	Pass
		Inner_1RB_Right	26.08	/	/	20.28	/	/	<=30	Pass
CP-OFDM 64 QAM	3750	Edge_1RB_Left	26.00	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	25.60	/	/	19.80	/	/	<=30	Pass
		Outer_Full	25.72	/	/	19.92	/	/	<=30	Pass
		Inner_Full	25.66	/	/	19.86	/	/	<=30	Pass
		Inner_1RB_Left	26.06	/	/	20.26	/	/	<=30	Pass
		Inner_1RB_Right	25.57	/	/	19.77	/	/	<=30	Pass
CP-OFDM 256 QAM	3750	Edge_1RB_Left	22.76	/	/	16.96	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	16.52	/	/	<=30	Pass
		Outer_Full	22.72	/	/	16.92	/	/	<=30	Pass
		Inner_Full	22.62	/	/	16.82	/	/	<=30	Pass
		Inner_1RB_Left	22.84	/	/	17.04	/	/	<=30	Pass
		Inner_1RB_Right	22.30	/	/	16.50	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi; Note2: EIRP=Conducted Power+Antenna Gain										



2. Frequency Stability

2.1 Test Result

2.1.1 30_S_10M

5G NR n78a SCS=30kHz SISO 10MHz							
Modulation	Frequency	RB	Temp.	Volt.	Freq. Error	Freq. vs. rated (ppm)	Verdict

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	(MHz)	Allocation	(°C)		(Hz)	Result	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	20	LV	-4.97	-0.0013	>=-2.5 & <=2.5	Pass
				HV	4.14	0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-2.16	-0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	1.98	0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-4.38	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-5.09	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	-1.48	-0.0004	>=-2.5 & <=2.5	Pass
			20	NV	-9.54	-0.0025	>=-2.5 & <=2.5	Pass
			30	NV	-14.94	-0.0040	>=-2.5 & <=2.5	Pass
			40	NV	-11.17	-0.0030	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	-9.25	-0.0025	>=-2.5 & <=2.5	Pass
				HV	6.74	0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-5.96	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	2.75	0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-10.30	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-8.60	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	1.50	0.0004	>=-2.5 & <=2.5	Pass
			20	NV	-5.36	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-5.50	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-0.29	-0.0001	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	1.97	0.0005	>=-2.5 & <=2.5	Pass
				HV	0.45	0.0001	>=-2.5 & <=2.5	Pass
			-30	NV	-1.87	-0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	-4.57	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	8.72	0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-14.56	-0.0039	>=-2.5 & <=2.5	Pass
			10	NV	-2.74	-0.0007	>=-2.5 & <=2.5	Pass
			20	NV	-5.28	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-10.44	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-4.37	-0.0012	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-13.01	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-10.52	-0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	-4.28	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-7.63	-0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	-3.15	-0.0008	>=-2.5 & <=2.5	Pass
			0	NV	-0.05	0.0000	>=-2.5 & <=2.5	Pass
			10	NV	-10.29	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-14.16	-0.0038	>=-2.5 & <=2.5	Pass
			30	NV	-12.23	-0.0033	>=-2.5 & <=2.5	Pass
			40	NV	-2.22	-0.0006	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-2.25	-0.0006	>=-2.5 & <=2.5	Pass
				HV	-1.31	-0.0003	>=-2.5 & <=2.5	Pass
			-30	NV	-11.03	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-10.41	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	0.01	0.0000	>=-2.5 & <=2.5	Pass
			0	NV	-4.80	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	0.87	0.0002	>=-2.5 & <=2.5	Pass
			20	NV	-6.21	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-5.61	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-15.59	-0.0042	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-3.97	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-12.83	-0.0034	>=-2.5 & <=2.5	Pass
			-30	NV	6.88	0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-0.91	-0.0002	>=-2.5 & <=2.5	Pass
			-10	NV	-13.55	-0.0036	>=-2.5 & <=2.5	Pass
			0	NV	-9.94	-0.0027	>=-2.5 & <=2.5	Pass

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			10	NV	-5.26	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-5.07	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	-2.10	-0.0006	>=-2.5 & <=2.5	Pass
			40	NV	-15.84	-0.0042	>=-2.5 & <=2.5	Pass
			50	NV	11.17	0.0030	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-9.25	-0.0025	>=-2.5 & <=2.5	Pass
				HV	-7.79	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-12.62	-0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	-4.97	-0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	9.04	0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-5.51	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	3.03	0.0008	>=-2.5 & <=2.5	Pass
			20	NV	-8.17	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-10.89	-0.0029	>=-2.5 & <=2.5	Pass
			40	NV	-8.69	-0.0023	>=-2.5 & <=2.5	Pass
			50	NV	-14.91	-0.0040	>=-2.5 & <=2.5	Pass
			CP-OFDM 64 QAM	3750	Outer_Full	20	LV	0.07
HV	2.54	0.0007					>=-2.5 & <=2.5	Pass
-30	NV	3.56				0.0009	>=-2.5 & <=2.5	Pass
-20	NV	-13.33				-0.0036	>=-2.5 & <=2.5	Pass
-10	NV	-18.49				-0.0049	>=-2.5 & <=2.5	Pass
0	NV	10.63				0.0028	>=-2.5 & <=2.5	Pass
10	NV	-18.63				-0.0050	>=-2.5 & <=2.5	Pass
20	NV	2.25				0.0006	>=-2.5 & <=2.5	Pass
30	NV	-6.34				-0.0017	>=-2.5 & <=2.5	Pass
40	NV	-3.06				-0.0008	>=-2.5 & <=2.5	Pass
50	NV	-23.89				-0.0064	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full				20	LV	3.26
			HV	-6.11	-0.0016		>=-2.5 & <=2.5	Pass
			-30	NV	4.48	0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	-7.24	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-12.85	-0.0034	>=-2.5 & <=2.5	Pass
			0	NV	-19.18	-0.0051	>=-2.5 & <=2.5	Pass
			10	NV	-2.65	-0.0007	>=-2.5 & <=2.5	Pass
			20	NV	-18.30	-0.0049	>=-2.5 & <=2.5	Pass
			30	NV	-9.99	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	-9.53	-0.0025	>=-2.5 & <=2.5	Pass
			50	NV	-9.94	-0.0027	>=-2.5 & <=2.5	Pass

2.1.2 30_S_20M

5G NR n78a 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	3750	Outer_Full	20	LV	-7.88	-0.0021	>=-2.5 & <=2.5	Pass
				HV	1.35	0.0004	>=-2.5 & <=2.5	Pass
			-30	NV	-1.89	-0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	-0.13	0.0000	>=-2.5 & <=2.5	Pass
			-10	NV	-16.88	-0.0045	>=-2.5 & <=2.5	Pass
			0	NV	0.83	0.0002	>=-2.5 & <=2.5	Pass
			10	NV	-11.33	-0.0030	>=-2.5 & <=2.5	Pass
			20	NV	-11.10	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-2.01	-0.0005	>=-2.5 & <=2.5	Pass
			40	NV	0.04	0.0000	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	-18.11	-0.0048	>=-2.5 & <=2.5	Pass
				HV	2.01	0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	-4.48	-0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	-0.15	0.0000	>=-2.5 & <=2.5	Pass
			-10	NV	-5.00	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-2.44	-0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-15.20	-0.0041	>=-2.5 & <=2.5	Pass

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			20	NV	-6.73	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.35	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-10.42	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-8.07	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			20	LV	0.11	0.0000	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full		HV	-7.32	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-1.27	-0.0003	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-10.89	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-10.38	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-18.52	-0.0049	≥ -2.5 & ≤ 2.5	Pass
			10	NV	1.76	0.0005	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.31	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			30	NV	0.70	0.0002	≥ -2.5 & ≤ 2.5	Pass
			40	NV	4.97	0.0013	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-2.21	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-16.07	-0.0043	≥ -2.5 & ≤ 2.5	Pass
				HV	-4.31	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.78	-0.0023	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	-20	NV	-1.55	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-10.55	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			0	NV	2.41	0.0006	≥ -2.5 & ≤ 2.5	Pass
			10	NV	0.62	0.0002	≥ -2.5 & ≤ 2.5	Pass
			20	NV	0.68	0.0002	≥ -2.5 & ≤ 2.5	Pass
			30	NV	9.25	0.0025	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.45	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			50	NV	2.16	0.0006	≥ -2.5 & ≤ 2.5	Pass
			20	LV	2.75	0.0007	≥ -2.5 & ≤ 2.5	Pass
				HV	-9.05	-0.0024	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	-30	NV	0.55	0.0001	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.68	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-17.94	-0.0048	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-1.60	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.16	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.36	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.51	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.53	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-14.40	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-7.66	-0.0020	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3750	Outer_Full		HV	2.36	0.0006	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	3.87	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	9.02	0.0024	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.41	0.0012	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.21	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-1.03	-0.0003	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.22	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			30	NV	2.59	0.0007	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-1.64	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-6.60	-0.0018	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-0.70	-0.0002	≥ -2.5 & ≤ 2.5	Pass
				HV	-9.11	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-11.06	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	4.68	0.0012	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-9.84	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-10.38	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.40	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-1.98	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.59	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			40	NV	1.49	0.0004	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	50	NV	-7.08	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-1.68	-0.0004	≥ -2.5 & ≤ 2.5	Pass
				HV	10.89	0.0029	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.19	-0.0019	≥ -2.5 & ≤ 2.5	Pass

			-20	NV	-10.02	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-1.44	-0.0004	>=-2.5 & <=2.5	Pass
			0	NV	-5.62	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-8.83	-0.0024	>=-2.5 & <=2.5	Pass
			20	NV	-8.96	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-15.86	-0.0042	>=-2.5 & <=2.5	Pass
			40	NV	-5.04	-0.0013	>=-2.5 & <=2.5	Pass
			50	NV	-9.18	-0.0024	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-4.57	-0.0012	>=-2.5 & <=2.5	Pass
				HV	-11.81	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-7.78	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	1.82	0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	3.89	0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-0.84	-0.0002	>=-2.5 & <=2.5	Pass
			10	NV	-0.35	-0.0001	>=-2.5 & <=2.5	Pass
			20	NV	-18.87	-0.0050	>=-2.5 & <=2.5	Pass
			30	NV	-11.56	-0.0031	>=-2.5 & <=2.5	Pass
			40	NV	-17.98	-0.0048	>=-2.5 & <=2.5	Pass
			50	NV	-4.55	-0.0012	>=-2.5 & <=2.5	Pass

2.1.3 30_S_30M

5G NR n78a 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	3750	Outer_Full	20	LV	0.62	0.0002	>=-2.5 & <=2.5	Pass
				HV	-4.03	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-7.81	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	0.77	0.0002	>=-2.5 & <=2.5	Pass
			-10	NV	3.71	0.0010	>=-2.5 & <=2.5	Pass
			0	NV	0.57	0.0002	>=-2.5 & <=2.5	Pass
			10	NV	1.52	0.0004	>=-2.5 & <=2.5	Pass
			20	NV	1.53	0.0004	>=-2.5 & <=2.5	Pass
			30	NV	2.31	0.0006	>=-2.5 & <=2.5	Pass
			40	NV	-6.13	-0.0016	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	7.88	0.0021	>=-2.5 & <=2.5	Pass
				HV	-5.13	-0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	4.78	0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	-1.08	-0.0003	>=-2.5 & <=2.5	Pass
			-10	NV	-13.78	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	5.00	0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-0.63	-0.0002	>=-2.5 & <=2.5	Pass
			20	NV	9.77	0.0026	>=-2.5 & <=2.5	Pass
			30	NV	0.93	0.0002	>=-2.5 & <=2.5	Pass
			40	NV	2.72	0.0007	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-5.82	-0.0016	>=-2.5 & <=2.5	Pass
				HV	2.98	0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	1.55	0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	-9.52	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-5.88	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-6.70	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	-11.65	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-6.25	-0.0017	>=-2.5 & <=2.5	Pass
			30	NV	-3.64	-0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-3.06	-0.0008	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-3.38	-0.0009	>=-2.5 & <=2.5	Pass
				HV	-6.56	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-4.29	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-9.45	-0.0025	>=-2.5 & <=2.5	Pass

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China
Tel: +86 0755 23080694

			-10	NV	11.19	0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-3.08	-0.0008	>=-2.5 & <=2.5	Pass
			10	NV	10.82	0.0029	>=-2.5 & <=2.5	Pass
			20	NV	12.72	0.0034	>=-2.5 & <=2.5	Pass
			30	NV	-4.63	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-0.10	0.0000	>=-2.5 & <=2.5	Pass
			50	NV	2.89	0.0008	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	5.77	0.0015	>=-2.5 & <=2.5	Pass
				HV	-2.69	-0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	7.45	0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-9.24	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-0.23	-0.0001	>=-2.5 & <=2.5	Pass
			0	NV	-2.73	-0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-0.04	0.0000	>=-2.5 & <=2.5	Pass
			20	NV	2.69	0.0007	>=-2.5 & <=2.5	Pass
			30	NV	5.88	0.0016	>=-2.5 & <=2.5	Pass
			40	NV	-1.60	-0.0004	>=-2.5 & <=2.5	Pass
			50	NV	-8.94	-0.0024	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	4576.73	1.2205	>=-2.5 & <=2.5	Pass
				HV	5983.22	1.5955	>=-2.5 & <=2.5	Pass
			-30	NV	4697.35	1.2526	>=-2.5 & <=2.5	Pass
			-20	NV	-3318.96	-0.8851	>=-2.5 & <=2.5	Pass
			-10	NV	7145.17	1.9054	>=-2.5 & <=2.5	Pass
			0	NV	6124.58	1.6332	>=-2.5 & <=2.5	Pass
			10	NV	-5896.01	-1.5723	>=-2.5 & <=2.5	Pass
			20	NV	7773.16	2.0728	>=-2.5 & <=2.5	Pass
			30	NV	-3809.52	-1.0159	>=-2.5 & <=2.5	Pass
			40	NV	1102.20	0.2939	>=-2.5 & <=2.5	Pass
			50	NV	-3011.47	-0.8031	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-6903.97	-1.8411	>=-2.5 & <=2.5	Pass
				HV	6357.10	1.6952	>=-2.5 & <=2.5	Pass
			-30	NV	4560.80	1.2162	>=-2.5 & <=2.5	Pass
			-20	NV	-2851.40	-0.7604	>=-2.5 & <=2.5	Pass
			-10	NV	-3339.91	-0.8906	>=-2.5 & <=2.5	Pass
			0	NV	42.77	0.0114	>=-2.5 & <=2.5	Pass
			10	NV	-6053.09	-1.6142	>=-2.5 & <=2.5	Pass
			20	NV	388.01	0.1035	>=-2.5 & <=2.5	Pass
			30	NV	7796.51	2.0791	>=-2.5 & <=2.5	Pass
			40	NV	5997.92	1.5994	>=-2.5 & <=2.5	Pass
			50	NV	2271.84	0.6058	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	2422.31	0.6459	>=-2.5 & <=2.5	Pass
				HV	-7022.96	-1.8728	>=-2.5 & <=2.5	Pass
			-30	NV	3443.93	0.9184	>=-2.5 & <=2.5	Pass
			-20	NV	820.54	0.2188	>=-2.5 & <=2.5	Pass
			-10	NV	1447.73	0.3861	>=-2.5 & <=2.5	Pass
			0	NV	-2611.37	-0.6964	>=-2.5 & <=2.5	Pass
			10	NV	6482.70	1.7287	>=-2.5 & <=2.5	Pass
			20	NV	3809.73	1.0159	>=-2.5 & <=2.5	Pass
			30	NV	645.27	0.1721	>=-2.5 & <=2.5	Pass
			40	NV	-2600.34	-0.6934	>=-2.5 & <=2.5	Pass
			50	NV	5461.84	1.4565	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	10.42	0.0028	>=-2.5 & <=2.5	Pass
				HV	-3.17	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	2.27	0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	-1.33	-0.0004	>=-2.5 & <=2.5	Pass
			-10	NV	-13.31	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-6.16	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	9.84	0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-0.39	-0.0001	>=-2.5 & <=2.5	Pass
			30	NV	3.90	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-7.73	-0.0021	>=-2.5 & <=2.5	Pass
			50	NV	3.36	0.0009	>=-2.5 & <=2.5	Pass

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Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,
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2.1.4 30_S_40M

5G NR n78a 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	3750	Outer_Full	20	LV	3.79	0.0010	>=-2.5 & <=2.5	Pass
				HV	-7.11	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-1.23	-0.0003	>=-2.5 & <=2.5	Pass
			-20	NV	-4.59	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-2.74	-0.0007	>=-2.5 & <=2.5	Pass
			0	NV	-0.80	-0.0002	>=-2.5 & <=2.5	Pass
			10	NV	-3.21	-0.0009	>=-2.5 & <=2.5	Pass
			20	NV	6.84	0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-8.83	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-11.15	-0.0030	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	3.47	0.0009	>=-2.5 & <=2.5	Pass
				HV	-3.43	-0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-1.92	-0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	-14.58	-0.0039	>=-2.5 & <=2.5	Pass
			-10	NV	-0.55	-0.0001	>=-2.5 & <=2.5	Pass
			0	NV	-8.63	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	6.98	0.0019	>=-2.5 & <=2.5	Pass
			20	NV	4.81	0.0013	>=-2.5 & <=2.5	Pass
			30	NV	2.29	0.0006	>=-2.5 & <=2.5	Pass
			40	NV	-2.64	-0.0007	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	2.78	0.0007	>=-2.5 & <=2.5	Pass
				HV	-9.02	-0.0024	>=-2.5 & <=2.5	Pass
			-30	NV	7.56	0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	2.04	0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	6.82	0.0018	>=-2.5 & <=2.5	Pass
			0	NV	6.35	0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-4.81	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-7.31	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	1.56	0.0004	>=-2.5 & <=2.5	Pass
			40	NV	1.62	0.0004	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-3.60	-0.0010	>=-2.5 & <=2.5	Pass
				HV	-16.45	-0.0044	>=-2.5 & <=2.5	Pass
			-30	NV	-8.53	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-1.98	-0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	2.25	0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-16.68	-0.0044	>=-2.5 & <=2.5	Pass
			10	NV	0.10	0.0000	>=-2.5 & <=2.5	Pass
			20	NV	-12.02	-0.0032	>=-2.5 & <=2.5	Pass
			30	NV	-7.78	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-3.24	-0.0009	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-14.40	-0.0038	>=-2.5 & <=2.5	Pass
				HV	-4.73	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	1.07	0.0003	>=-2.5 & <=2.5	Pass
			-20	NV	4.93	0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-2.08	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-11.43	-0.0030	>=-2.5 & <=2.5	Pass
			10	NV	-4.42	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-2.66	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	0.28	0.0001	>=-2.5 & <=2.5	Pass
			40	NV	2.37	0.0006	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-9.43	-0.0025	>=-2.5 & <=2.5	Pass

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China
Tel: +86 0755 23080694

				HV	-13.37	-0.0036	>=-2.5 & <=2.5	Pass
			-30	NV	-3.78	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-7.02	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-7.63	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-16.43	-0.0044	>=-2.5 & <=2.5	Pass
			10	NV	-0.34	-0.0001	>=-2.5 & <=2.5	Pass
			20	NV	-6.94	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	1.77	0.0005	>=-2.5 & <=2.5	Pass
			40	NV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
			50	NV	3.36	0.0009	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	11.73	0.0031	>=-2.5 & <=2.5	Pass
				HV	-9.39	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	0.56	0.0001	>=-2.5 & <=2.5	Pass
			-20	NV	-8.77	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-5.27	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	5.02	0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-9.69	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-4.58	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-9.04	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-10.83	-0.0029	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	50	NV	3.17	0.0008	>=-2.5 & <=2.5	Pass
			20	LV	2.94	0.0008	>=-2.5 & <=2.5	Pass
				HV	2.05	0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	7.00	0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	0.18	0.0000	>=-2.5 & <=2.5	Pass
			-10	NV	-15.96	-0.0043	>=-2.5 & <=2.5	Pass
			0	NV	4.96	0.0013	>=-2.5 & <=2.5	Pass
			10	NV	10.02	0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-13.36	-0.0036	>=-2.5 & <=2.5	Pass
			30	NV	-9.19	-0.0025	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	40	NV	-2.40	-0.0006	>=-2.5 & <=2.5	Pass
			50	NV	-13.33	-0.0036	>=-2.5 & <=2.5	Pass
			20	LV	2.75	0.0007	>=-2.5 & <=2.5	Pass
				HV	-20.81	-0.0055	>=-2.5 & <=2.5	Pass
			-30	NV	-2.66	-0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	4.41	0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-4.16	-0.0011	>=-2.5 & <=2.5	Pass
			0	NV	-6.41	-0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-2.86	-0.0008	>=-2.5 & <=2.5	Pass
			20	NV	8.49	0.0023	>=-2.5 & <=2.5	Pass
			30	NV	4.60	0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-5.02	-0.0013	>=-2.5 & <=2.5	Pass
			50	NV	1.06	0.0003	>=-2.5 & <=2.5	Pass

2.1.5 30_S_50M

5G NR n78a SCS=30kHz SISO 50MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	20	LV	-1.65	-0.0004	>=-2.5 & <=2.5	Pass
				HV	-7.34	-0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-10.00	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	-0.84	-0.0002	>=-2.5 & <=2.5	Pass
			-10	NV	-8.82	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-8.40	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-9.78	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-9.28	-0.0025	>=-2.5 & <=2.5	Pass
			30	NV	-13.77	-0.0037	>=-2.5 & <=2.5	Pass
			40	NV	-12.86	-0.0034	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	50	NV	-10.87	-0.0029	>=-2.5 & <=2.5	Pass
			20	LV	-3.79	-0.0010	>=-2.5 & <=2.5	Pass
				HV	-7.70	-0.0021	>=-2.5 & <=2.5	Pass

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Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China
Tel: +86 0755 23080694

			-30	NV	-0.86	-0.0002	>=-2.5 & <=2.5	Pass
			-20	NV	-13.05	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-6.58	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-4.24	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	0.06	0.0000	>=-2.5 & <=2.5	Pass
			20	NV	-10.14	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	6.14	0.0016	>=-2.5 & <=2.5	Pass
			40	NV	-14.93	-0.0040	>=-2.5 & <=2.5	Pass
			50	NV	1.20	0.0003	>=-2.5 & <=2.5	Pass
			20	NV	1.25	0.0003	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	HV	-4.29	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-14.20	-0.0038	>=-2.5 & <=2.5	Pass
			-20	NV	-1.95	-0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-6.56	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-1.02	-0.0003	>=-2.5 & <=2.5	Pass
			10	NV	-7.92	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	-0.83	-0.0002	>=-2.5 & <=2.5	Pass
			30	NV	-9.95	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	-13.66	-0.0036	>=-2.5 & <=2.5	Pass
			50	NV	-0.25	-0.0001	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	0.58	0.0002	>=-2.5 & <=2.5	Pass
			20	HV	0.88	0.0002	>=-2.5 & <=2.5	Pass
			-30	NV	-12.84	-0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	-6.25	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	0.07	0.0000	>=-2.5 & <=2.5	Pass
			0	NV	-3.57	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-9.09	-0.0024	>=-2.5 & <=2.5	Pass
			20	NV	-10.03	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-6.78	-0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-3.23	-0.0009	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	50	NV	-16.10	-0.0043	>=-2.5 & <=2.5	Pass
			20	LV	-1.14	-0.0003	>=-2.5 & <=2.5	Pass
			20	HV	-19.50	-0.0052	>=-2.5 & <=2.5	Pass
			-30	NV	-2.06	-0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	-4.41	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-20.29	-0.0054	>=-2.5 & <=2.5	Pass
			0	NV	-6.70	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	0.13	0.0000	>=-2.5 & <=2.5	Pass
			20	NV	-3.93	-0.0010	>=-2.5 & <=2.5	Pass
			30	NV	-8.87	-0.0024	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	40	NV	-8.33	-0.0022	>=-2.5 & <=2.5	Pass
			50	NV	-8.54	-0.0023	>=-2.5 & <=2.5	Pass
			20	LV	-12.38	-0.0033	>=-2.5 & <=2.5	Pass
			20	HV	-13.09	-0.0035	>=-2.5 & <=2.5	Pass
			-30	NV	-2.31	-0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	6.11	0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-10.80	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-9.08	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	0.13	0.0000	>=-2.5 & <=2.5	Pass
			20	NV	-1.66	-0.0004	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	30	NV	-14.77	-0.0039	>=-2.5 & <=2.5	Pass
			40	NV	-7.36	-0.0020	>=-2.5 & <=2.5	Pass
			50	NV	-14.08	-0.0038	>=-2.5 & <=2.5	Pass
			20	LV	0.03	0.0000	>=-2.5 & <=2.5	Pass
			20	HV	-13.22	-0.0035	>=-2.5 & <=2.5	Pass
			-30	NV	9.74	0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	-6.98	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	7.54	0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-6.32	-0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-1.77	-0.0005	>=-2.5 & <=2.5	Pass
			20	NV	-5.99	-0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-9.17	-0.0024	>=-2.5 & <=2.5	Pass

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

CP-OFDM 64 QAM	3750	Outer_Full	40	NV	-9.22	-0.0025	>=-2.5 & <=2.5	Pass
			50	NV	-11.34	-0.0030	>=-2.5 & <=2.5	Pass
			20	LV	2.21	0.0006	>=-2.5 & <=2.5	Pass
				HV	-9.62	-0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	-14.07	-0.0038	>=-2.5 & <=2.5	Pass
			-20	NV	-14.40	-0.0038	>=-2.5 & <=2.5	Pass
			-10	NV	-6.82	-0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-8.38	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-6.18	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-10.63	-0.0028	>=-2.5 & <=2.5	Pass
			30	NV	3.86	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-15.65	-0.0042	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	6427.40	1.7140	>=-2.5 & <=2.5	Pass
				HV	4804.61	1.2812	>=-2.5 & <=2.5	Pass
			-30	NV	-2640.80	-0.7042	>=-2.5 & <=2.5	Pass
			-20	NV	1427.02	0.3805	>=-2.5 & <=2.5	Pass
			-10	NV	5028.27	1.3409	>=-2.5 & <=2.5	Pass
			0	NV	-5086.88	-1.3565	>=-2.5 & <=2.5	Pass
			10	NV	-3903.15	-1.0408	>=-2.5 & <=2.5	Pass
			20	NV	-5420.70	-1.4455	>=-2.5 & <=2.5	Pass
			30	NV	4106.00	1.0949	>=-2.5 & <=2.5	Pass
			40	NV	-6337.63	-1.6900	>=-2.5 & <=2.5	Pass
			50	NV	5025.85	1.3402	>=-2.5 & <=2.5	Pass

2.1.6 30_S_60M

5G NR n78a SCS=30kHz SISO 60MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	20	LV	1.55	0.0004	>=-2.5 & <=2.5	Pass
				HV	-3.44	-0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-5.65	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-3.41	-0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	-13.20	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	0.79	0.0002	>=-2.5 & <=2.5	Pass
			10	NV	-11.84	-0.0032	>=-2.5 & <=2.5	Pass
			20	NV	4.84	0.0013	>=-2.5 & <=2.5	Pass
			30	NV	5.47	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-4.65	-0.0012	>=-2.5 & <=2.5	Pass
			50	NV	5.61	0.0015	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	-11.49	-0.0031	>=-2.5 & <=2.5	Pass
				HV	-4.59	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-12.89	-0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	-16.15	-0.0043	>=-2.5 & <=2.5	Pass
			-10	NV	-6.37	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	-16.47	-0.0044	>=-2.5 & <=2.5	Pass
			10	NV	0.17	0.0000	>=-2.5 & <=2.5	Pass
			20	NV	-2.28	-0.0006	>=-2.5 & <=2.5	Pass
			30	NV	-11.37	-0.0030	>=-2.5 & <=2.5	Pass
			40	NV	15.59	0.0042	>=-2.5 & <=2.5	Pass
			50	NV	-2.50	-0.0007	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-18.56	-0.0049	>=-2.5 & <=2.5	Pass
				HV	-7.68	-0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	-3.87	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-12.52	-0.0033	>=-2.5 & <=2.5	Pass
			-10	NV	-7.81	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-15.57	-0.0042	>=-2.5 & <=2.5	Pass
			10	NV	5.74	0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-4.71	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-8.98	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-15.13	-0.0040	>=-2.5 & <=2.5	Pass

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China
Tel: +86 0755 23080694



			50	NV	-16.32	-0.0044	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-4.39	-0.0012	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.74	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-10.42	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.25	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-6.57	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			0	NV	5.98	0.0016	≥ -2.5 & ≤ 2.5	Pass
			10	NV	4.19	0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-19.86	-0.0053	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-16.63	-0.0044	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.02	-0.0013	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	1.58	0.0004	≥ -2.5 & ≤ 2.5	Pass
				HV	-8.37	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.77	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	5.81	0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-12.39	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-8.94	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-8.67	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-4.64	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			30	NV	2.08	0.0006	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.44	-0.0015	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-1.68	-0.0004	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.33	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-18.30	-0.0049	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-9.95	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.90	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-12.47	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.33	0.0006	≥ -2.5 & ≤ 2.5	Pass
			20	NV	0.45	0.0001	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.86	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-9.34	-0.0025	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-7.91	-0.0021	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.84	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.45	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.64	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	8.74	0.0023	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-12.03	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			10	NV	6.18	0.0016	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-10.92	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-13.00	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-1.38	-0.0004	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	12.84	0.0034	≥ -2.5 & ≤ 2.5	Pass
				HV	-0.32	-0.0001	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-13.97	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.59	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.81	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	2.10	0.0006	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.51	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-12.88	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			30	NV	2.43	0.0006	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-10.26	-0.0027	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-1742.52	-0.4647	≥ -2.5 & ≤ 2.5	Pass
				HV	-640.33	-0.1708	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-1318.08	-0.3515	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4688.45	-1.2503	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4104.02	1.0944	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5894.26	-1.5718	≥ -2.5 & ≤ 2.5	Pass

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,
Shenzhen, Guangdong Province, China
Tel: +86 0755 23080694

			10	NV	3233.85	0.8624	>=-2.5 & <=2.5	Pass
			20	NV	5360.59	1.4295	>=-2.5 & <=2.5	Pass
			30	NV	1499.82	0.4000	>=-2.5 & <=2.5	Pass
			40	NV	-6037.43	-1.6100	>=-2.5 & <=2.5	Pass
			50	NV	-1720.29	-0.4587	>=-2.5 & <=2.5	Pass

2.1.7 30_S_70M

5G NR n78a SCS=30kHz SISO 70MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	20	LV	-10.98	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-21.94	-0.0059	>=-2.5 & <=2.5	Pass
			-30	NV	-3.88	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-14.70	-0.0039	>=-2.5 & <=2.5	Pass
			-10	NV	-7.44	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-5.79	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-0.47	-0.0001	>=-2.5 & <=2.5	Pass
			20	NV	-13.57	-0.0036	>=-2.5 & <=2.5	Pass
			30	NV	-8.64	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	-15.66	-0.0042	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	6.72	0.0018	>=-2.5 & <=2.5	Pass
				HV	-1.99	-0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	-5.25	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-8.44	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	-4.36	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-4.49	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-5.00	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-12.20	-0.0033	>=-2.5 & <=2.5	Pass
			30	NV	-7.08	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	5.09	0.0014	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-12.53	-0.0033	>=-2.5 & <=2.5	Pass
				HV	-4.07	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-5.54	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-3.81	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-2.50	-0.0007	>=-2.5 & <=2.5	Pass
			0	NV	-6.01	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	-14.57	-0.0039	>=-2.5 & <=2.5	Pass
			20	NV	-3.17	-0.0008	>=-2.5 & <=2.5	Pass
			30	NV	6.39	0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-3.51	-0.0009	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	3.93	0.0010	>=-2.5 & <=2.5	Pass
				HV	-3.04	-0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	2.28	0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	-11.16	-0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	6.95	0.0019	>=-2.5 & <=2.5	Pass
			0	NV	0.89	0.0002	>=-2.5 & <=2.5	Pass
			10	NV	-7.52	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-10.21	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	-6.80	-0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-6.05	-0.0016	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-3.88	-0.0010	>=-2.5 & <=2.5	Pass
				HV	-14.88	-0.0040	>=-2.5 & <=2.5	Pass
			-30	NV	-13.35	-0.0036	>=-2.5 & <=2.5	Pass
			-20	NV	-4.23	-0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-1.74	-0.0005	>=-2.5 & <=2.5	Pass
			0	NV	-2.22	-0.0006	>=-2.5 & <=2.5	Pass
			10	NV	-7.56	-0.0020	>=-2.5 & <=2.5	Pass

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

			20	NV	-5.61	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	6.22	0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-3.43	-0.0009	>=-2.5 & <=2.5	Pass
			50	NV	-18.39	-0.0049	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-3.60	-0.0010	>=-2.5 & <=2.5	Pass
				HV	3.45	0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-1.11	-0.0003	>=-2.5 & <=2.5	Pass
			-20	NV	-16.31	-0.0043	>=-2.5 & <=2.5	Pass
			-10	NV	-6.99	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-5.79	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-1.42	-0.0004	>=-2.5 & <=2.5	Pass
			20	NV	-12.79	-0.0034	>=-2.5 & <=2.5	Pass
			30	NV	-7.18	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-10.93	-0.0029	>=-2.5 & <=2.5	Pass
			50	NV	-7.30	-0.0019	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	-11.52	-0.0031	>=-2.5 & <=2.5	Pass
				HV	-10.42	-0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	-11.15	-0.0030	>=-2.5 & <=2.5	Pass
			-20	NV	3.37	0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	-9.77	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-0.55	-0.0001	>=-2.5 & <=2.5	Pass
			10	NV	-13.61	-0.0036	>=-2.5 & <=2.5	Pass
			20	NV	-14.81	-0.0039	>=-2.5 & <=2.5	Pass
			30	NV	-4.33	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-11.64	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-13.75	-0.0037	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	8.61	0.0023	>=-2.5 & <=2.5	Pass
				HV	9.31	0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-1.98	-0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	-17.85	-0.0048	>=-2.5 & <=2.5	Pass
			-10	NV	-2.04	-0.0005	>=-2.5 & <=2.5	Pass
			0	NV	-7.76	-0.0021	>=-2.5 & <=2.5	Pass
			10	NV	-5.68	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-2.50	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-2.86	-0.0008	>=-2.5 & <=2.5	Pass
			40	NV	-14.58	-0.0039	>=-2.5 & <=2.5	Pass
			50	NV	-3.78	-0.0010	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-0.59	-0.0002	>=-2.5 & <=2.5	Pass
				HV	-9.84	-0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	6.10	0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	3.70	0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-10.79	-0.0029	>=-2.5 & <=2.5	Pass
			0	NV	-3.66	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	10.55	0.0028	>=-2.5 & <=2.5	Pass
			20	NV	-16.36	-0.0044	>=-2.5 & <=2.5	Pass
			30	NV	-1.12	-0.0003	>=-2.5 & <=2.5	Pass
			40	NV	-1.94	-0.0005	>=-2.5 & <=2.5	Pass
			50	NV	-11.06	-0.0029	>=-2.5 & <=2.5	Pass

2.1.8 30_S_80M

5G NR n78a SCS=30kHz SISO 80MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	20	LV	7.20	0.0019	>=-2.5 & <=2.5	Pass
				HV	-10.31	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-17.70	-0.0047	>=-2.5 & <=2.5	Pass
			-20	NV	-6.74	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-2.56	-0.0007	>=-2.5 & <=2.5	Pass
			0	NV	-5.84	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	9.09	0.0024	>=-2.5 & <=2.5	Pass
			20	NV	-0.22	-0.0001	>=-2.5 & <=2.5	Pass

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China
Tel: +86 0755 23080694

			30	NV	4.14	0.0011	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-9.55	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-14.90	-0.0040	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	-6.01	-0.0016	≥ -2.5 & ≤ 2.5	Pass
				HV	-0.63	-0.0002	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-1.89	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-6.03	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-13.93	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-13.82	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.69	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-5.16	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-13.27	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-9.60	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			50	NV	1.64	0.0004	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	1.13	0.0003	≥ -2.5 & ≤ 2.5	Pass
				HV	-16.06	-0.0043	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-0.77	-0.0002	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.70	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.62	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-13.23	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.77	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.16	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.92	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-5.56	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-20.85	-0.0056	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-3.69	-0.0010	≥ -2.5 & ≤ 2.5	Pass
				HV	0.30	0.0001	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-8.54	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.56	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-16.68	-0.0044	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-9.04	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-15.71	-0.0042	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-1.60	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.60	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-21.37	-0.0057	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-10.21	-0.0027	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	-2.77	-0.0007	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.51	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-7.86	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.08	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-7.38	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.23	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.97	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.75	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-16.41	-0.0044	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-12.84	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.94	-0.0013	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-10.56	-0.0028	≥ -2.5 & ≤ 2.5	Pass
				HV	5.82	0.0016	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	1.59	0.0004	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.30	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-2.56	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			0	NV	3.98	0.0011	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.36	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-11.14	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-16.03	-0.0043	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-13.45	-0.0036	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-2.49	-0.0007	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	2.84	0.0008	≥ -2.5 & ≤ 2.5	Pass
				HV	-20.09	-0.0054	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-1.72	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-0.37	-0.0001	≥ -2.5 & ≤ 2.5	Pass

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,
Shenzhen, Guangdong Province, China
Tel: +86 0755 23080694

			-10	NV	-13.30	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-11.02	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-8.47	-0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-12.58	-0.0034	>=-2.5 & <=2.5	Pass
			30	NV	5.76	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-8.34	-0.0022	>=-2.5 & <=2.5	Pass
			50	NV	-7.62	-0.0020	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	-4.00	-0.0011	>=-2.5 & <=2.5	Pass
				HV	-19.24	-0.0051	>=-2.5 & <=2.5	Pass
			-30	NV	-6.11	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-16.45	-0.0044	>=-2.5 & <=2.5	Pass
			-10	NV	-2.33	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-9.06	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	-5.96	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-4.50	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-9.82	-0.0026	>=-2.5 & <=2.5	Pass
			40	NV	-7.94	-0.0021	>=-2.5 & <=2.5	Pass
			50	NV	-18.62	-0.0050	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	-1.60	-0.0004	>=-2.5 & <=2.5	Pass
				HV	-2.33	-0.0006	>=-2.5 & <=2.5	Pass
			-30	NV	-11.52	-0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	-3.78	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-14.00	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-0.97	-0.0003	>=-2.5 & <=2.5	Pass
			10	NV	-0.83	-0.0002	>=-2.5 & <=2.5	Pass
			20	NV	-10.74	-0.0029	>=-2.5 & <=2.5	Pass
			30	NV	3.86	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-20.09	-0.0054	>=-2.5 & <=2.5	Pass
			50	NV	-0.79	-0.0002	>=-2.5 & <=2.5	Pass

2.1.9 30_S_90M

5G NR n78a SCS=30kHz SISO 90MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	20	LV	-21.16	-0.0056	>=-2.5 & <=2.5	Pass
				HV	-5.06	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-3.15	-0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	6.26	0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-1.46	-0.0004	>=-2.5 & <=2.5	Pass
			0	NV	-5.59	-0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-6.10	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-3.11	-0.0008	>=-2.5 & <=2.5	Pass
			30	NV	-7.20	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	2.34	0.0006	>=-2.5 & <=2.5	Pass
			50	NV	-8.48	-0.0023	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	-0.79	-0.0002	>=-2.5 & <=2.5	Pass
				HV	-11.47	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-3.25	-0.0009	>=-2.5 & <=2.5	Pass
			-20	NV	5.48	0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-3.88	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-12.19	-0.0033	>=-2.5 & <=2.5	Pass
			10	NV	-7.49	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	6.74	0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-10.15	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	-10.40	-0.0028	>=-2.5 & <=2.5	Pass
			50	NV	0.98	0.0003	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-1.31	-0.0003	>=-2.5 & <=2.5	Pass
				HV	4.25	0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-7.60	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-5.72	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-8.49	-0.0023	>=-2.5 & <=2.5	Pass

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China
Tel: +86 0755 23080694

			0	NV	-8.98	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	6.16	0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-5.46	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-1.60	-0.0004	>=-2.5 & <=2.5	Pass
			40	NV	-5.26	-0.0014	>=-2.5 & <=2.5	Pass
			50	NV	-3.08	-0.0008	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	0.25	0.0001	>=-2.5 & <=2.5	Pass
				HV	-6.79	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-8.67	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	8.14	0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-11.09	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	4.49	0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-8.83	-0.0024	>=-2.5 & <=2.5	Pass
			20	NV	-14.05	-0.0037	>=-2.5 & <=2.5	Pass
			30	NV	-8.96	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-13.73	-0.0037	>=-2.5 & <=2.5	Pass
			50	NV	8.83	0.0024	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	4.58	0.0012	>=-2.5 & <=2.5	Pass
				HV	-8.13	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	4.18	0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-12.34	-0.0033	>=-2.5 & <=2.5	Pass
			-10	NV	1.21	0.0003	>=-2.5 & <=2.5	Pass
			0	NV	8.20	0.0022	>=-2.5 & <=2.5	Pass
			10	NV	6.20	0.0017	>=-2.5 & <=2.5	Pass
			20	NV	2.84	0.0008	>=-2.5 & <=2.5	Pass
			30	NV	-5.29	-0.0014	>=-2.5 & <=2.5	Pass
			40	NV	0.73	0.0002	>=-2.5 & <=2.5	Pass
			50	NV	2.84	0.0008	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	1.36	0.0004	>=-2.5 & <=2.5	Pass
				HV	-14.70	-0.0039	>=-2.5 & <=2.5	Pass
			-30	NV	4.11	0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-10.21	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-7.04	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	4.91	0.0013	>=-2.5 & <=2.5	Pass
			10	NV	6.50	0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-11.65	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	3.30	0.0009	>=-2.5 & <=2.5	Pass
			40	NV	1.64	0.0004	>=-2.5 & <=2.5	Pass
			50	NV	-3.82	-0.0010	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	20	LV	4.74	0.0013	>=-2.5 & <=2.5	Pass
				HV	2.33	0.0006	>=-2.5 & <=2.5	Pass
			-30	NV	-6.00	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-5.33	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	2.90	0.0008	>=-2.5 & <=2.5	Pass
			0	NV	8.84	0.0024	>=-2.5 & <=2.5	Pass
			10	NV	3.72	0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-16.93	-0.0045	>=-2.5 & <=2.5	Pass
			30	NV	-9.02	-0.0024	>=-2.5 & <=2.5	Pass
			40	NV	-13.40	-0.0036	>=-2.5 & <=2.5	Pass
			50	NV	-1.36	-0.0004	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	20	LV	-10.53	-0.0028	>=-2.5 & <=2.5	Pass
				HV	5.60	0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	-13.42	-0.0036	>=-2.5 & <=2.5	Pass
			-20	NV	11.22	0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	-1.33	-0.0004	>=-2.5 & <=2.5	Pass
			0	NV	-9.96	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	0.39	0.0001	>=-2.5 & <=2.5	Pass
			20	NV	-2.07	-0.0006	>=-2.5 & <=2.5	Pass
			30	NV	0.89	0.0002	>=-2.5 & <=2.5	Pass
			40	NV	-13.44	-0.0036	>=-2.5 & <=2.5	Pass
			50	NV	-6.07	-0.0016	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	20	LV	0.25	0.0001	>=-2.5 & <=2.5	Pass



Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,
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				HV	-4.12	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-8.85	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-18.43	-0.0049	>=-2.5 & <=2.5	Pass
			-10	NV	-12.64	-0.0034	>=-2.5 & <=2.5	Pass
			0	NV	-8.47	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	3.41	0.0009	>=-2.5 & <=2.5	Pass
			20	NV	-9.55	-0.0025	>=-2.5 & <=2.5	Pass
			30	NV	-11.74	-0.0031	>=-2.5 & <=2.5	Pass
			40	NV	-2.85	-0.0008	>=-2.5 & <=2.5	Pass
			50	NV	-9.69	-0.0026	>=-2.5 & <=2.5	Pass

2.1.10 30_S_100M

5G NR n78a SCS=30kHz SISO 100MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	20	LV	4.03	0.0011	>=-2.5 & <=2.5	Pass
				HV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-3.75	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	1.47	0.0004	>=-2.5 & <=2.5	Pass
			-10	NV	2.66	0.0007	>=-2.5 & <=2.5	Pass
			0	NV	-8.90	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	-5.77	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-7.00	-0.0019	>=-2.5 & <=2.5	Pass
			30	NV	-5.70	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	1.85	0.0005	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	20	LV	2.88	0.0008	>=-2.5 & <=2.5	Pass
				HV	3.99	0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	6.59	0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-5.67	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-6.03	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-3.87	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-13.71	-0.0037	>=-2.5 & <=2.5	Pass
			20	NV	-3.88	-0.0010	>=-2.5 & <=2.5	Pass
			30	NV	-3.46	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-5.15	-0.0014	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	20	LV	-10.97	-0.0029	>=-2.5 & <=2.5	Pass
				HV	0.86	0.0002	>=-2.5 & <=2.5	Pass
			-30	NV	5.48	0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-0.06	0.0000	>=-2.5 & <=2.5	Pass
			-10	NV	-4.80	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-9.69	-0.0026	>=-2.5 & <=2.5	Pass
			10	NV	-5.36	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-8.25	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-5.20	-0.0014	>=-2.5 & <=2.5	Pass
			40	NV	8.07	0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	20	LV	-3.17	-0.0008	>=-2.5 & <=2.5	Pass
				HV	-9.48	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	4.04	0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	1.04	0.0003	>=-2.5 & <=2.5	Pass
			-10	NV	-1.59	-0.0004	>=-2.5 & <=2.5	Pass
			0	NV	1.16	0.0003	>=-2.5 & <=2.5	Pass
			10	NV	-4.89	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	-7.93	-0.0021	>=-2.5 & <=2.5	Pass
			30	NV	-2.55	-0.0007	>=-2.5 & <=2.5	Pass
			40	NV	3.28	0.0009	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	20	LV	3029.65	0.8079	>=-2.5 & <=2.5	Pass
				HV	4263.75	1.1370	>=-2.5 & <=2.5	Pass

Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China
Tel: +86 0755 23080694

			-30	NV	1523.83	0.4064	>=-2.5 & <=2.5	Pass
			-20	NV	-4972.95	-1.3261	>=-2.5 & <=2.5	Pass
			-10	NV	-5826.32	-1.5537	>=-2.5 & <=2.5	Pass
			0	NV	4309.23	1.1491	>=-2.5 & <=2.5	Pass
			10	NV	4278.08	1.1408	>=-2.5 & <=2.5	Pass
			20	NV	-4646.21	-1.2390	>=-2.5 & <=2.5	Pass
			30	NV	842.08	0.2246	>=-2.5 & <=2.5	Pass
			40	NV	-3692.20	-0.9846	>=-2.5 & <=2.5	Pass
			50	NV	-3948.88	-1.0530	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3750	Outer_Full	20	LV	-7635.86	-2.0362	>=-2.5 & <=2.5	Pass
				HV	-3764.20	-1.0038	>=-2.5 & <=2.5	Pass
			-30	NV	-1570.36	-0.4188	>=-2.5 & <=2.5	Pass
			-20	NV	1016.70	0.2711	>=-2.5 & <=2.5	Pass
			-10	NV	-6256.89	-1.6685	>=-2.5 & <=2.5	Pass
			0	NV	281.19	0.0750	>=-2.5 & <=2.5	Pass
			10	NV	-5908.74	-1.5757	>=-2.5 & <=2.5	Pass
			20	NV	-3503.84	-0.9344	>=-2.5 & <=2.5	Pass
			30	NV	3671.36	0.9790	>=-2.5 & <=2.5	Pass
			40	NV	-6306.33	-1.6817	>=-2.5 & <=2.5	Pass
			50	NV	-5019.60	-1.3386	>=-2.5 & <=2.5	Pass
			20	LV	-6480.30	-1.7281	>=-2.5 & <=2.5	Pass
				HV	-3130.00	-0.8347	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3750	Outer_Full	-30	NV	4298.67	1.1463	>=-2.5 & <=2.5	Pass
			-20	NV	2972.24	0.7926	>=-2.5 & <=2.5	Pass
			-10	NV	2009.22	0.5358	>=-2.5 & <=2.5	Pass
			0	NV	-4642.29	-1.2379	>=-2.5 & <=2.5	Pass
			10	NV	5800.68	1.5468	>=-2.5 & <=2.5	Pass
			20	NV	-2889.70	-0.7706	>=-2.5 & <=2.5	Pass
			30	NV	4991.73	1.3311	>=-2.5 & <=2.5	Pass
			40	NV	408.91	0.1090	>=-2.5 & <=2.5	Pass
			50	NV	-2791.18	-0.7443	>=-2.5 & <=2.5	Pass
			20	LV	-6379.23	-1.7011	>=-2.5 & <=2.5	Pass
				HV	5340.23	1.4241	>=-2.5 & <=2.5	Pass
			-30	NV	3537.97	0.9435	>=-2.5 & <=2.5	Pass
			-20	NV	1219.63	0.3252	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3750	Outer_Full	-10	NV	961.21	0.2563	>=-2.5 & <=2.5	Pass
			0	NV	-3932.95	-1.0488	>=-2.5 & <=2.5	Pass
			10	NV	-913.40	-0.2436	>=-2.5 & <=2.5	Pass
			20	NV	5927.14	1.5806	>=-2.5 & <=2.5	Pass
			30	NV	2752.10	0.7339	>=-2.5 & <=2.5	Pass
			40	NV	1009.00	0.2691	>=-2.5 & <=2.5	Pass
			50	NV	-1903.53	-0.5076	>=-2.5 & <=2.5	Pass
			20	LV	2.45	0.0007	>=-2.5 & <=2.5	Pass
				HV	-6.60	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-5.67	-0.0015	>=-2.5 & <=2.5	Pass
			-20	NV	-4.50	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-3.57	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-6.27	-0.0017	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3750	Outer_Full	10	NV	-11.68	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-4.49	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	6.88	0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-1.47	-0.0004	>=-2.5 & <=2.5	Pass
			50	NV	-10.60	-0.0028	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30_S_10M_NTNV

5G NR n78a SCS=30kHz SISO 10MHz NTN

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Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3705	Outer_Full	8.57	9.52	/	Pass
	3750	Outer_Full	8.57	9.35	/	Pass
	3795	Outer_Full	8.53	9.41	/	Pass
DFT-s-OFDM QPSK	3705	Outer_Full	8.57	9.46	/	Pass
	3750	Outer_Full	8.55	9.52	/	Pass
	3795	Outer_Full	8.59	9.48	/	Pass
DFT-s-OFDM 16 QAM	3705	Outer_Full	8.58	9.47	/	Pass
	3750	Outer_Full	8.61	9.62	/	Pass
	3795	Outer_Full	8.59	9.21	/	Pass
DFT-s-OFDM 64 QAM	3705	Outer_Full	8.60	9.42	/	Pass
	3750	Outer_Full	8.58	9.58	/	Pass
	3795	Outer_Full	8.57	9.38	/	Pass
DFT-s-OFDM 256 QAM	3705	Outer_Full	8.53	9.54	/	Pass
	3750	Outer_Full	8.60	9.58	/	Pass
	3795	Outer_Full	8.58	9.53	/	Pass
CP-OFDM QPSK	3705	Outer_Full	8.58	9.59	/	Pass
	3750	Outer_Full	8.56	9.66	/	Pass
	3795	Outer_Full	8.58	9.69	/	Pass
CP-OFDM 16 QAM	3705	Outer_Full	8.57	9.52	/	Pass
	3750	Outer_Full	8.54	9.36	/	Pass
	3795	Outer_Full	8.55	9.60	/	Pass
CP-OFDM 64 QAM	3705	Outer_Full	8.56	9.41	/	Pass
	3750	Outer_Full	8.57	9.59	/	Pass
	3795	Outer_Full	8.54	9.38	/	Pass
CP-OFDM 256 QAM	3705	Outer_Full	8.58	9.58	/	Pass
	3750	Outer_Full	8.59	9.50	/	Pass
	3795	Outer_Full	8.57	9.57	/	Pass

3.1.2 30_S_20M_NTNV

5G NR n78a SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3710.01	Outer_Full	17.89	19.31	/	Pass
	3750	Outer_Full	17.84	19.03	/	Pass
	3789.99	Outer_Full	14.78	15.48	/	Pass
DFT-s-OFDM QPSK	3710.01	Outer_Full	17.80	19.15	/	Pass
	3750	Outer_Full	17.88	19.03	/	Pass
	3789.99	Outer_Full	17.84	18.70	/	Pass
DFT-s-OFDM 16 QAM	3710.01	Outer_Full	17.90	18.70	/	Pass
	3750	Outer_Full	17.92	18.39	/	Pass
	3789.99	Outer_Full	17.82	19.30	/	Pass
DFT-s-OFDM 64 QAM	3710.01	Outer_Full	17.87	18.78	/	Pass
	3750	Outer_Full	17.84	19.16	/	Pass
	3789.99	Outer_Full	17.79	18.69	/	Pass
DFT-s-OFDM 256 QAM	3710.01	Outer_Full	17.78	18.96	/	Pass
	3750	Outer_Full	17.74	18.88	/	Pass
	3789.99	Outer_Full	17.92	18.58	/	Pass
CP-OFDM QPSK	3710.01	Outer_Full	18.19	18.84	/	Pass
	3750	Outer_Full	18.29	19.13	/	Pass
	3789.99	Outer_Full	18.28	19.28	/	Pass
CP-OFDM 16 QAM	3710.01	Outer_Full	18.12	19.48	/	Pass
	3750	Outer_Full	18.21	18.93	/	Pass
	3789.99	Outer_Full	18.21	19.61	/	Pass
CP-OFDM 64 QAM	3710.01	Outer_Full	18.27	19.80	/	Pass
	3750	Outer_Full	18.24	19.50	/	Pass
	3789.99	Outer_Full	18.30	19.01	/	Pass
CP-OFDM 256 QAM	3710.01	Outer_Full	18.27	19.33	/	Pass
	3750	Outer_Full	18.19	19.63	/	Pass
	3789.99	Outer_Full	18.11	19.59	/	Pass

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3.1.3 30_S_30M_NTNV

5G NR n78a SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3715.02	Outer_Full	26.76	28.38	/	Pass
	3750	Outer_Full	26.71	28.05	/	Pass
	3784.98	Outer_Full	26.64	27.73	/	Pass
DFT-s-OFDM QPSK	3715.02	Outer_Full	26.67	28.24	/	Pass
	3750	Outer_Full	26.92	27.67	/	Pass
	3784.98	Outer_Full	26.52	27.97	/	Pass
DFT-s-OFDM 16 QAM	3715.02	Outer_Full	26.68	27.74	/	Pass
	3750	Outer_Full	26.79	28.14	/	Pass
	3784.98	Outer_Full	26.87	28.17	/	Pass
DFT-s-OFDM 64 QAM	3715.02	Outer_Full	26.91	27.78	/	Pass
	3750	Outer_Full	26.83	27.68	/	Pass
	3784.98	Outer_Full	26.75	28.24	/	Pass
DFT-s-OFDM 256 QAM	3715.02	Outer_Full	26.79	28.04	/	Pass
	3750	Outer_Full	26.78	28.62	/	Pass
	3784.98	Outer_Full	26.86	27.98	/	Pass
CP-OFDM QPSK	3715.02	Outer_Full	27.88	28.77	/	Pass
	3750	Outer_Full	27.86	29.40	/	Pass
	3784.98	Outer_Full	27.70	28.85	/	Pass
CP-OFDM 16 QAM	3715.02	Outer_Full	27.83	28.85	/	Pass
	3750	Outer_Full	27.74	28.86	/	Pass
	3784.98	Outer_Full	28.10	30.41	/	Pass
CP-OFDM 64 QAM	3715.02	Outer_Full	27.85	29.31	/	Pass
	3750	Outer_Full	27.77	29.02	/	Pass
	3784.98	Outer_Full	28.11	30.69	/	Pass
CP-OFDM 256 QAM	3715.02	Outer_Full	27.77	28.88	/	Pass
	3750	Outer_Full	28.01	29.39	/	Pass
	3784.98	Outer_Full	27.75	28.82	/	Pass

3.1.4 30_S_40M_NTNV

5G NR n78a SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3720	Outer_Full	35.93	38.38	/	Pass
	3750	Outer_Full	35.83	37.94	/	Pass
	3780	Outer_Full	36.12	38.17	/	Pass
DFT-s-OFDM QPSK	3720	Outer_Full	35.80	38.10	/	Pass
	3750	Outer_Full	36.12	38.09	/	Pass
	3780	Outer_Full	35.90	38.14	/	Pass
DFT-s-OFDM 16 QAM	3720	Outer_Full	35.78	38.07	/	Pass
	3750	Outer_Full	35.89	38.15	/	Pass
	3780	Outer_Full	35.87	38.20	/	Pass
DFT-s-OFDM 64 QAM	3720	Outer_Full	36.09	38.09	/	Pass
	3750	Outer_Full	36.09	38.09	/	Pass
	3780	Outer_Full	35.47	37.67	/	Pass
DFT-s-OFDM 256 QAM	3720	Outer_Full	36.01	38.46	/	Pass
	3750	Outer_Full	36.01	38.63	/	Pass
	3780	Outer_Full	36.00	38.23	/	Pass
CP-OFDM QPSK	3720	Outer_Full	38.05	40.26	/	Pass
	3750	Outer_Full	38.20	40.07	/	Pass
	3780	Outer_Full	37.98	40.10	/	Pass
CP-OFDM 16 QAM	3720	Outer_Full	38.17	40.53	/	Pass
	3750	Outer_Full	38.19	40.33	/	Pass
	3780	Outer_Full	38.08	40.12	/	Pass
CP-OFDM 64 QAM	3720	Outer_Full	38.07	40.16	/	Pass

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CP-OFDM 256 QAM	3750	Outer_Full	29.18	30.12	/	Pass
	3780	Outer_Full	38.14	40.30	/	Pass
	3720	Outer_Full	37.98	40.26	/	Pass
	3750	Outer_Full	37.96	40.27	/	Pass
	3780	Outer_Full	38.19	40.36	/	Pass

3.1.5 30_S_50M_NTNV

5G NR n78a SCS=30kHz SISO 50MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3725.01	Outer_Full	45.78	48.12	/	Pass
	3750	Outer_Full	45.60	48.45	/	Pass
	3774.99	Outer_Full	45.73	48.42	/	Pass
DFT-s-OFDM QPSK	3725.01	Outer_Full	45.74	48.36	/	Pass
	3750	Outer_Full	45.84	48.05	/	Pass
	3774.99	Outer_Full	45.87	48.23	/	Pass
DFT-s-OFDM 16 QAM	3725.01	Outer_Full	45.86	48.38	/	Pass
	3750	Outer_Full	45.64	48.09	/	Pass
	3774.99	Outer_Full	45.91	48.52	/	Pass
DFT-s-OFDM 64 QAM	3725.01	Outer_Full	45.77	48.32	/	Pass
	3750	Outer_Full	45.73	48.15	/	Pass
	3774.99	Outer_Full	45.82	48.12	/	Pass
DFT-s-OFDM 256 QAM	3725.01	Outer_Full	45.81	48.32	/	Pass
	3750	Outer_Full	45.73	48.22	/	Pass
	3774.99	Outer_Full	45.89	48.32	/	Pass
CP-OFDM QPSK	3725.01	Outer_Full	47.49	50.06	/	Pass
	3750	Outer_Full	47.64	49.84	/	Pass
	3774.99	Outer_Full	47.56	50.26	/	Pass
CP-OFDM 16 QAM	3725.01	Outer_Full	47.52	50.25	/	Pass
	3750	Outer_Full	47.48	49.95	/	Pass
	3774.99	Outer_Full	47.56	50.42	/	Pass
CP-OFDM 64 QAM	3725.01	Outer_Full	47.56	49.99	/	Pass
	3750	Outer_Full	47.45	49.94	/	Pass
	3774.99	Outer_Full	47.64	50.05	/	Pass
CP-OFDM 256 QAM	3725.01	Outer_Full	47.65	49.85	/	Pass
	3750	Outer_Full	47.80	49.85	/	Pass
	3774.99	Outer_Full	47.69	49.71	/	Pass

3.1.6 30_S_60M_NTNV

5G NR n78a SCS=30kHz SISO 60MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3730.02	Outer_Full	57.98	60.35	/	Pass
	3750	Outer_Full	57.79	60.36	/	Pass
	3769.98	Outer_Full	57.66	60.52	/	Pass
DFT-s-OFDM QPSK	3730.02	Outer_Full	57.98	60.32	/	Pass
	3750	Outer_Full	58.03	60.49	/	Pass
	3769.98	Outer_Full	57.85	60.35	/	Pass
DFT-s-OFDM 16 QAM	3730.02	Outer_Full	58.12	60.56	/	Pass
	3750	Outer_Full	57.95	60.43	/	Pass
	3769.98	Outer_Full	57.71	60.53	/	Pass
DFT-s-OFDM 64 QAM	3730.02	Outer_Full	58.16	61.05	/	Pass
	3750	Outer_Full	57.87	60.56	/	Pass
	3769.98	Outer_Full	57.88	60.28	/	Pass
DFT-s-OFDM 256 QAM	3730.02	Outer_Full	57.90	60.41	/	Pass
	3750	Outer_Full	57.99	60.70	/	Pass
	3769.98	Outer_Full	57.63	60.34	/	Pass
CP-OFDM QPSK	3730.02	Outer_Full	57.62	60.95	/	Pass
	3750	Outer_Full	58.11	60.46	/	Pass

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	3769.98	Outer_Full	57.93	60.42	/	Pass
CP-OFDM 16 QAM	3730.02	Outer_Full	57.69	60.80	/	Pass
	3750	Outer_Full	57.63	60.47	/	Pass
	3769.98	Outer_Full	57.87	60.75	/	Pass
CP-OFDM 64 QAM	3730.02	Outer_Full	57.82	60.44	/	Pass
	3750	Outer_Full	57.80	60.41	/	Pass
	3769.98	Outer_Full	57.66	60.36	/	Pass
CP-OFDM 256 QAM	3730.02	Outer_Full	57.92	60.48	/	Pass
	3750	Outer_Full	58.05	60.39	/	Pass
	3769.98	Outer_Full	58.19	60.70	/	Pass

3.1.7 30_S_70M_NTNV

5G NR n78a SCS=30kHz SISO 70MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3735	Outer_Full	64.43	66.97	/	Pass
	3750	Outer_Full	64.12	66.95	/	Pass
	3765	Outer_Full	64.28	66.83	/	Pass
DFT-s-OFDM QPSK	3735	Outer_Full	64.16	66.87	/	Pass
	3750	Outer_Full	64.27	67.25	/	Pass
	3765	Outer_Full	64.22	66.73	/	Pass
DFT-s-OFDM 16 QAM	3735	Outer_Full	64.42	66.71	/	Pass
	3750	Outer_Full	64.31	66.78	/	Pass
	3765	Outer_Full	64.12	66.86	/	Pass
DFT-s-OFDM 64 QAM	3735	Outer_Full	64.39	66.84	/	Pass
	3750	Outer_Full	64.39	67.06	/	Pass
	3765	Outer_Full	64.22	67.02	/	Pass
DFT-s-OFDM 256 QAM	3735	Outer_Full	64.14	67.11	/	Pass
	3750	Outer_Full	64.57	67.05	/	Pass
	3765	Outer_Full	64.09	67.02	/	Pass
CP-OFDM QPSK	3735	Outer_Full	67.35	70.05	/	Pass
	3750	Outer_Full	67.49	70.22	/	Pass
	3765	Outer_Full	67.25	70.19	/	Pass
CP-OFDM 16 QAM	3735	Outer_Full	67.35	70.32	/	Pass
	3750	Outer_Full	67.67	70.01	/	Pass
	3765	Outer_Full	67.48	70.16	/	Pass
CP-OFDM 64 QAM	3735	Outer_Full	67.46	70.32	/	Pass
	3750	Outer_Full	67.60	70.19	/	Pass
	3765	Outer_Full	67.05	70.23	/	Pass
CP-OFDM 256 QAM	3735	Outer_Full	67.67	70.18	/	Pass
	3750	Outer_Full	67.17	70.11	/	Pass
	3765	Outer_Full	67.62	70.15	/	Pass

3.1.8 30_S_80M_NTNV

5G NR n78a SCS=30kHz SISO 80MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3740.01	Outer_Full	77.01	79.94	/	Pass
	3750	Outer_Full	76.92	79.84	/	Pass
	3759.99	Outer_Full	77.05	79.84	/	Pass
DFT-s-OFDM QPSK	3740.01	Outer_Full	77.00	80.40	/	Pass
	3750	Outer_Full	76.96	80.09	/	Pass
	3759.99	Outer_Full	77.31	79.97	/	Pass
DFT-s-OFDM 16 QAM	3740.01	Outer_Full	77.03	79.92	/	Pass
	3750	Outer_Full	76.82	79.65	/	Pass
	3759.99	Outer_Full	77.12	79.79	/	Pass
DFT-s-OFDM 64 QAM	3740.01	Outer_Full	77.12	80.19	/	Pass
	3750	Outer_Full	77.19	79.90	/	Pass
	3759.99	Outer_Full	76.78	79.91	/	Pass

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DFT-s-OFDM 256 QAM	3740.01	Outer_Full	77.30	79.96	/	Pass
	3750	Outer_Full	76.69	79.90	/	Pass
	3759.99	Outer_Full	76.97	79.95	/	Pass
CP-OFDM QPSK	3740.01	Outer_Full	77.82	80.45	/	Pass
	3750	Outer_Full	77.50	80.27	/	Pass
	3759.99	Outer_Full	77.62	80.30	/	Pass
CP-OFDM 16 QAM	3740.01	Outer_Full	77.24	80.48	/	Pass
	3750	Outer_Full	77.50	80.02	/	Pass
	3759.99	Outer_Full	77.34	80.18	/	Pass
CP-OFDM 64 QAM	3740.01	Outer_Full	77.40	80.31	/	Pass
	3750	Outer_Full	77.45	80.19	/	Pass
	3759.99	Outer_Full	77.21	80.34	/	Pass
CP-OFDM 256 QAM	3740.01	Outer_Full	77.37	80.17	/	Pass
	3750	Outer_Full	77.30	80.16	/	Pass
	3759.99	Outer_Full	77.34	80.32	/	Pass

3.1.9 30_S_90M_NTNV

5G NR n78a SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3745.02	Outer_Full	86.71	89.82	/	Pass
	3750	Outer_Full	86.41	89.55	/	Pass
	3754.98	Outer_Full	86.79	89.63	/	Pass
DFT-s-OFDM QPSK	3745.02	Outer_Full	87.16	89.73	/	Pass
	3750	Outer_Full	86.64	89.48	/	Pass
	3754.98	Outer_Full	86.95	89.50	/	Pass
DFT-s-OFDM 16 QAM	3745.02	Outer_Full	86.75	89.79	/	Pass
	3750	Outer_Full	86.75	89.71	/	Pass
	3754.98	Outer_Full	86.67	89.61	/	Pass
DFT-s-OFDM 64 QAM	3745.02	Outer_Full	86.89	89.85	/	Pass
	3750	Outer_Full	86.64	89.69	/	Pass
	3754.98	Outer_Full	86.77	89.52	/	Pass
DFT-s-OFDM 256 QAM	3745.02	Outer_Full	86.79	89.63	/	Pass
	3750	Outer_Full	86.70	89.94	/	Pass
	3754.98	Outer_Full	86.62	89.79	/	Pass
CP-OFDM QPSK	3745.02	Outer_Full	87.88	90.22	/	Pass
	3750	Outer_Full	87.28	90.60	/	Pass
	3754.98	Outer_Full	87.11	90.43	/	Pass
CP-OFDM 16 QAM	3745.02	Outer_Full	87.38	90.57	/	Pass
	3750	Outer_Full	87.35	90.30	/	Pass
	3754.98	Outer_Full	87.24	90.42	/	Pass
CP-OFDM 64 QAM	3745.02	Outer_Full	87.74	90.50	/	Pass
	3750	Outer_Full	87.46	90.38	/	Pass
	3754.98	Outer_Full	87.69	90.63	/	Pass
CP-OFDM 256 QAM	3745.02	Outer_Full	87.50	90.37	/	Pass
	3750	Outer_Full	87.27	90.35	/	Pass
	3754.98	Outer_Full	87.17	90.50	/	Pass

3.1.10 30_S_100M_NTNV

5G NR n78a SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3750	Outer_Full	96.13	99.44	/	Pass
DFT-s-OFDM QPSK	3750	Outer_Full	96.68	99.61	/	Pass
DFT-s-OFDM 16 QAM	3750	Outer_Full	95.88	99.44	/	Pass
DFT-s-OFDM 64 QAM	3750	Outer_Full	96.44	99.56	/	Pass
DFT-s-OFDM 256 QAM	3750	Outer_Full	96.43	99.08	/	Pass
CP-OFDM QPSK	3750	Outer_Full	97.56	102.65	/	Pass

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CP-OFDM 16 QAM	3750	Outer_Full	97.93	102.16	/	Pass
CP-OFDM 64 QAM	3750	Outer_Full	97.50	102.67	/	Pass
CP-OFDM 256 QAM	3750	Outer_Full	97.59	102.16	/	Pass

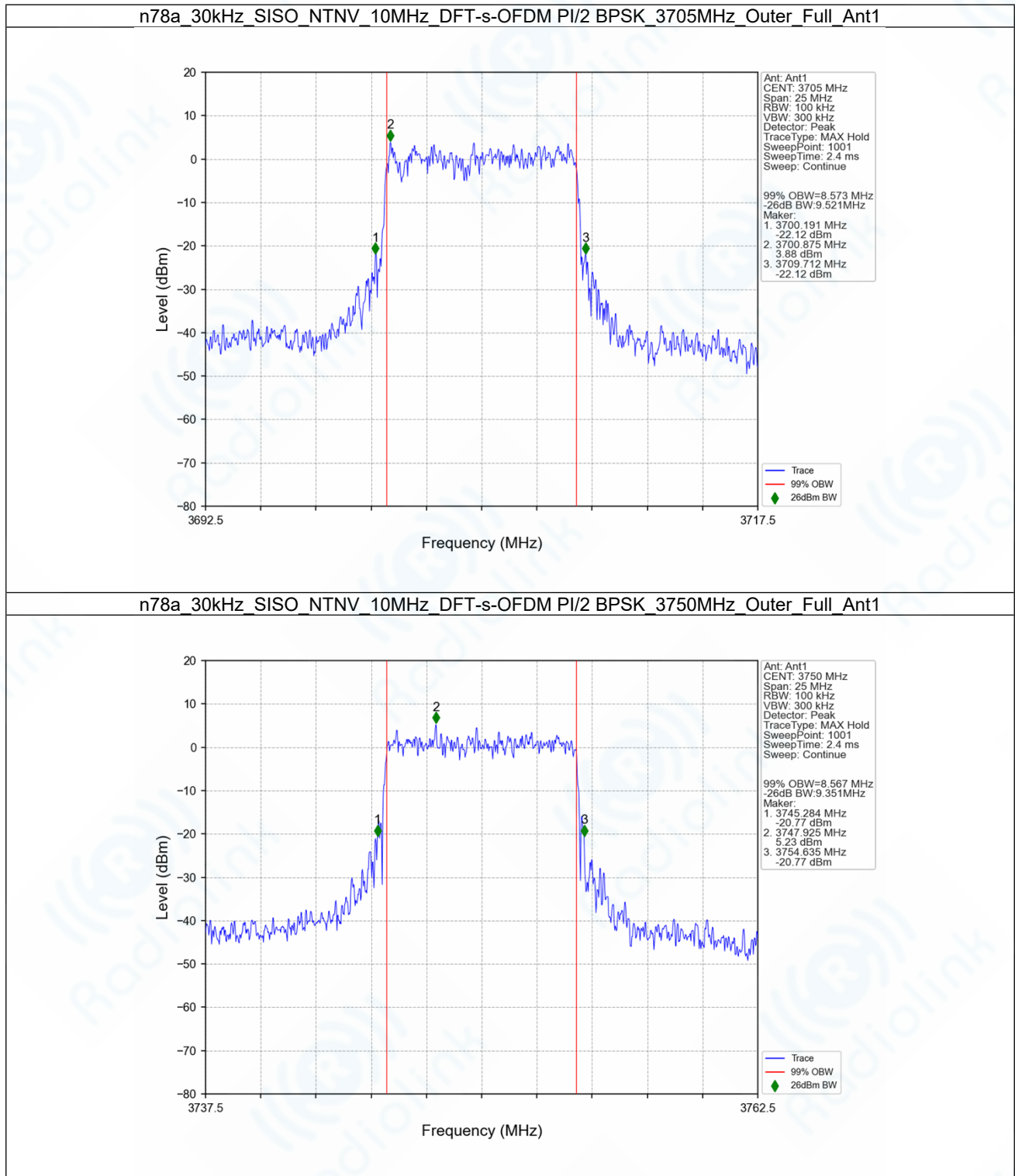


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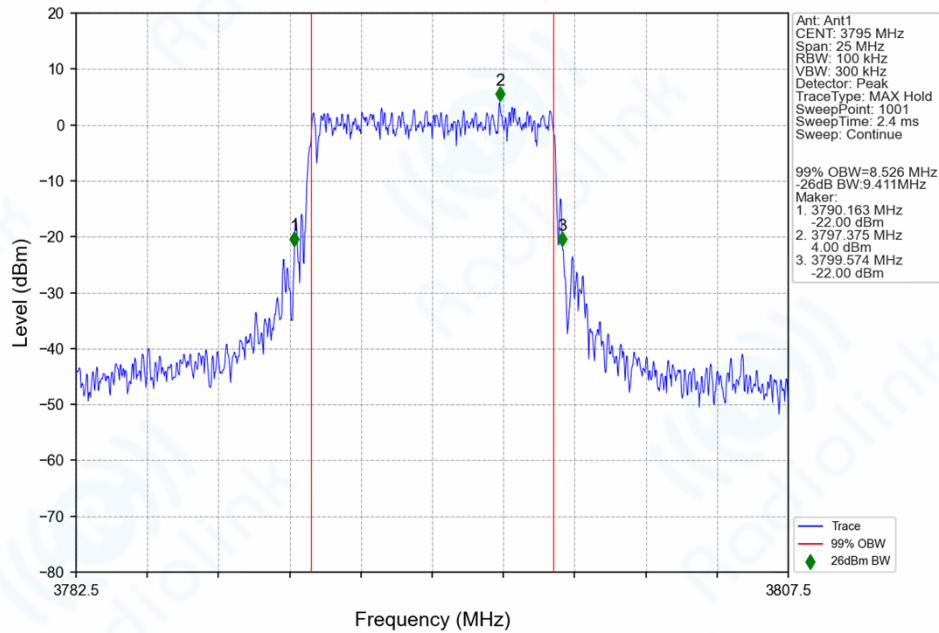
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3.2 Test Graph

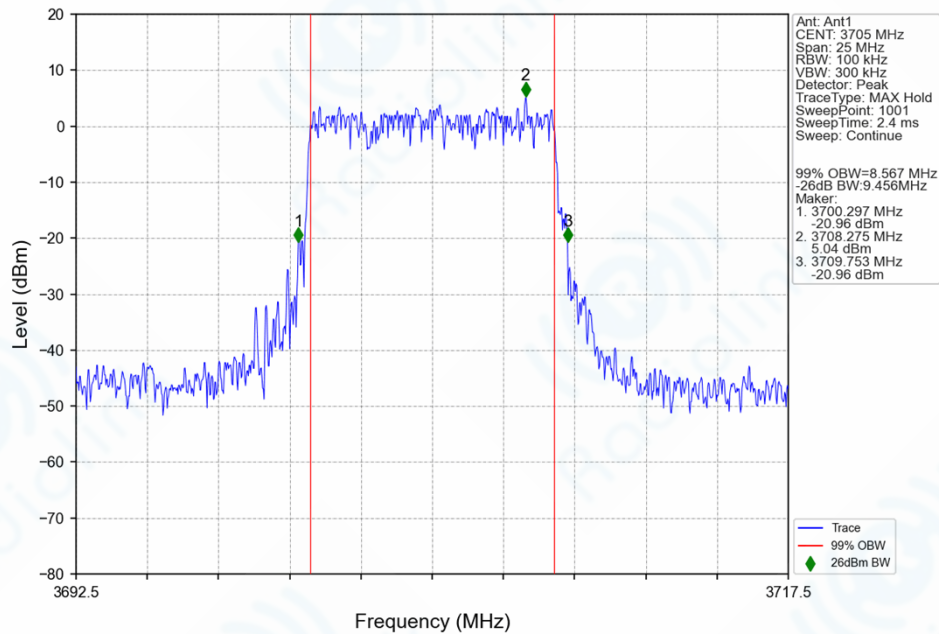
3.2.1 30_S_10M_NTNV



n78a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3795MHz_Outer_Full_Ant1



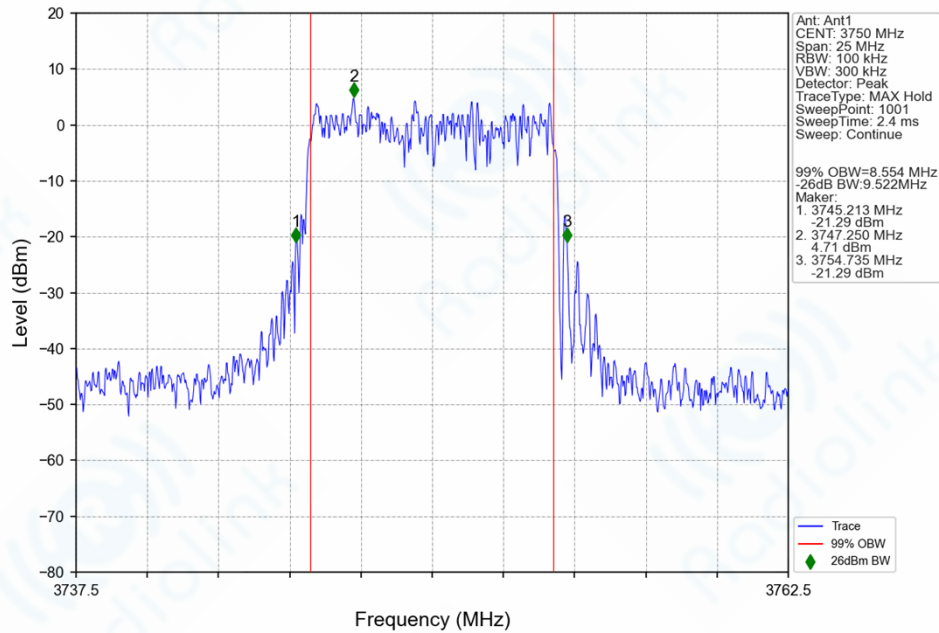
n78a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3705MHz_Outer_Full_Ant1



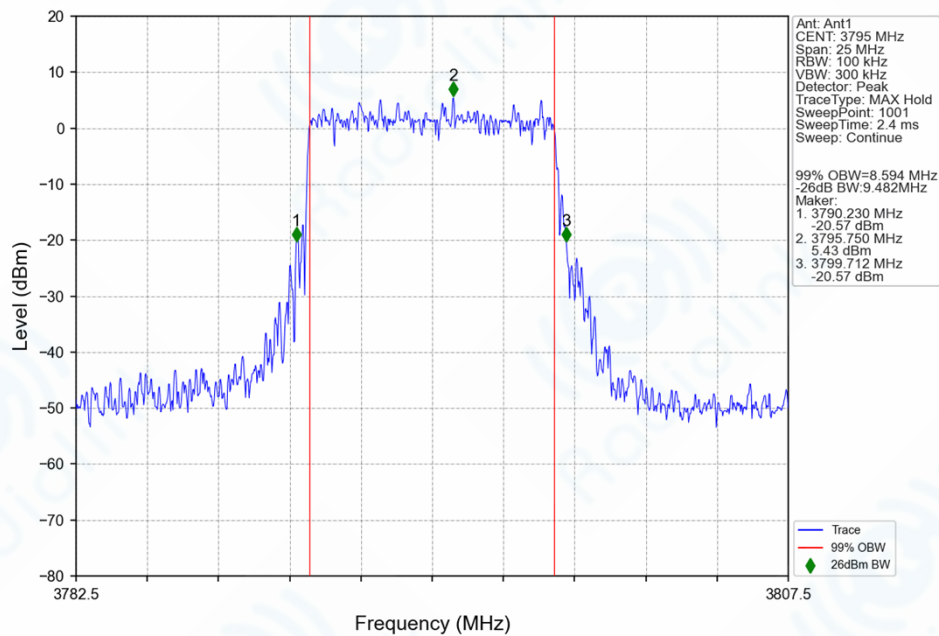
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n78a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3750MHz_Outer_Full_Ant1



n78a_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3795MHz_Outer_Full_Ant1


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